■ 청도1교 부산방향(S6~S10)
상부 output

< BEFORE COMPOSITE SELF-WEIGHT LOAD >
1

D I S P L A C E M E N T D E G R E E S O F F R E E D O M

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction computed
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS	U1	U2	U3	R1	R2	R3
1 TO 280	A	A	A	A	A	A
281 TO 283	A	-	-	A	A	A
284	-	-	-	A	A	A
285 TO 289	A	-	-	A	A	A
290	-	-	-	A	A	A
291 TO 292	A	-	-	A	A	A
293 TO 295	A	A	-	A	A	A
296	-	A	-	A	A	A
297 TO 298	A	A	-	A	A	A

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
2

T O T A L A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

UX	UY	UZ
RX	RY	RZ
TOTAL .000000	.000000	.000000
.000000	.000000	.000000

T O T A L A C C E L E R A T E D M A S S A N D L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
3

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD STEEL ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000201	0.000190	-1.96E-07
-0.000197	0.001645	7.04E-06	
2	-0.000205	0.000210	-0.004542
-0.000195	0.001599	7.62E-06	
3	-0.000212	0.000249	-0.012003
-0.000167	0.001334	7.96E-06	
4	-0.000217	0.000281	-0.017698
-0.000122	0.000919	4.76E-06	
5	-0.000221	0.000293	-0.021142
-7.00E-05	0.000439	-1.13E-07	
6	-0.000222	0.000279	-0.022084
-1.53E-05	-6.75E-05	-5.17E-06	
7	-0.000220	0.000242	-0.020557
3.51E-05	-0.000534	-9.50E-06	
8	-0.000217	0.000187	-0.016933
7.41E-05	-0.000892	-1.26E-05	
9	-0.000213	0.000120	-0.011945
9.32E-05	-0.001063	-1.42E-05	
10	-0.000208	4.83E-05	-0.006648
9.00E-05	-0.001016	-1.44E-05	
11	-0.000203	-2.06E-05	-0.002135
6.66E-05	-0.000752	-1.30E-05	
12	-0.000200	-6.08E-05	-7.43E-07
4.18E-05	-0.000451	-9.54E-06	
13	-0.000199	-8.67E-05	0.001017
2.33E-05	-0.000141	-5.82E-06	
14	-0.000198	-0.000108	0.000882
8.98E-06	0.000170	-3.07E-06	
15	-0.000197	-0.000119	-0.000393
4.89E-06	0.000315	-9.67E-07	
16	-0.000198	-0.000119	-0.002001
8.09E-06	0.000307	9.04E-07	
17	-0.000199	-0.000111	-0.003237
1.62E-05	0.000176	2.23E-06	
18	-0.000200	-9.75E-05	-0.003647
2.54E-05	-1.29E-05	2.98E-06	
19	-0.000202	-8.15E-05	-0.003116
3.24E-05	-0.000190	3.41E-06	
20	-0.000203	-6.36E-05	-0.001892
3.32E-05	-0.000278	3.73E-06	
21	-0.000204	-4.43E-05	-0.000548
2.68E-05	-0.000235	3.99E-06	
22	-0.000205	-2.35E-05	0.000214
1.47E-05	-4.36E-05	4.37E-06	
23	-0.000206	-6.96E-06	-6.39E-07
5.80E-06	0.000179	5.31E-06	
24	-0.000207	1.34E-05	-0.001030
1.53E-06	0.000399	6.12E-06	
25	-0.000207	4.34E-05	-0.003522
1.52E-06	0.000573	5.84E-06	
26	-0.000208	7.01E-05	-0.006459
3.89E-06	0.000578	4.83E-06	
27	-0.000209	9.03E-05	-0.009025
6.15E-06	0.000425	3.21E-06	
28	-0.000210	0.000101	-0.010496
7.45E-06	0.000153	1.05E-06	
29	-0.000211	0.000100	-0.010497
7.42E-06	-0.000153	-1.28E-06	
30	-0.000212	8.86E-05	-0.009027
6.08E-06	-0.000425	-3.39E-06	
31	-0.000213	6.76E-05	-0.006460
3.80E-06	-0.000578	-4.89E-06	
32	-0.000214	4.12E-05	-0.003524
1.43E-06	-0.000573	-5.75E-06	
33	-0.000215	1.20E-05	-0.001031
1.49E-06	-0.000399	-5.83E-06	
34	-0.000215	-6.99E-06	-6.39E-07
5.83E-06	-0.000179	-4.86E-06	
35	-0.000216	-2.17E-05	0.000216
1.49E-05	4.33E-05	-3.76E-06	
36	-0.000217	-3.89E-05	-0.000545
2.71E-05	0.000235	-3.18E-06	
37	-0.000219	-5.38E-05	-0.001888
3.36E-05	0.000278	-2.78E-06	
38	-0.000221	-6.67E-05	-0.003111
3.29E-05	0.000190	-2.38E-06	
39	-0.000222	-7.76E-05	-0.003642
2.62E-05	1.28E-05	-1.96E-06	
40	-0.000224	-8.57E-05	-0.003233
1.71E-05	-0.000176	-1.28E-06	
41	-0.000226	-8.92E-05	-0.001996
9.35E-06	-0.000307	-6.70E-08	
42	-0.000227	-8.50E-05	-0.000390
6.57E-06	-0.000315	1.77E-06	
43	-0.000227	-7.05E-05	0.000884
1.12E-05	-0.000170	4.06E-06	
44	-0.000225	-4.35E-05	0.001018
2.64E-05	0.000141	6.84E-06	
45	-0.000224	-1.53E-05	-7.42E-07
4.59E-05	0.000451	9.55E-06	
46	-0.000221	2.27E-05	-0.002135
6.96E-05	0.000752	1.20E-05	
47	-0.000217	8.64E-05	-0.006649
9.20E-05	0.001016	1.34E-05	
48	-0.000212	0.000153	-0.011945
9.48E-05	0.001063	1.34E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
4

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000208	0.000216	-0.016932
7.54E-05	0.000892	1.17E-05	
50	-0.000206	0.000267	-0.020556
3.62E-05	0.000533	8.41E-06	
51	-0.000205	0.000298	-0.022082
-1.42E-05	6.72E-05	3.89E-06	
52	-0.000206	0.000305	-0.021140
-6.88E-05	-0.000439	-1.30E-06	
53	-0.000211	0.000286	-0.017695
-0.000120	-0.000919	-6.23E-06	
54	-0.000218	0.000247	-0.012001
-0.000165	-0.001334	-9.22E-06	
55	-0.000225	0.000203	-0.004541
-0.000193	-0.001599	-8.17E-06	
56	-0.000229	0.000182	-1.95E-07
-0.000194	-0.001645	-7.30E-06	
57	-0.000229	0.000140	-2.34E-07
-0.000223	0.001639	1.71E-05	
58	-0.000235	0.001794	-0.004504
-0.000221	0.001591	1.48E-05	
59	-0.000241	0.000240	-0.011883
-0.000201	0.001320	8.50E-06	
60	-0.000244	0.000269	-0.017501
-0.000162	0.000907	3.75E-06	
61	-0.000245	0.000276	-0.020897
-0.000113	0.000431	-6.97E-07	
62	-0.000243	0.000262	-0.021827
-5.91E-05	-7.08E-05	-5.16E-06	
63	-0.000238	0.000226	-0.020327
-6.89E-06	-0.000532	-9.12E-06	
64	-0.000233	0.000174	-0.016758
3.67E-05	-0.000888	-1.20E-05	
65	-0.000226	0.000111	-0.011838
6.37E-05	-0.001059	-1.33E-05	
66	-0.000220	4.74E-05	-0.006599
7.13E-05	-0.001015	-1.25E-05	
67	-0.000215	-8.02E-06	-0.002118
5.96E-05	-0.000753	-1.00E-05	
68	-0.000213	-4.04E-05	-8.39E-07
4.07E-05	-0.000447	-9.20E-06	
69	-0.000210	-7.12E-05	0.000986
1.63E-05	-0.000133	-8.10E-06	
70	-0.000208	-0.000102	0.000815
-8.64E-06	0.000175	-4.33E-06	
71	-0.000207	-0.000115	-0.000468
-2.22E-05	0.000314	-1.22E-06	
72	-0.000207	-0.000116	-0.002064
-2.59E-05	0.000304	8.54E-07	
73	-0.000207	-0.000108	-0.003286
-2.14E-05	0.000172	2.19E-06	
74	-0.000207	-9.55E-05	-0.003688
-1.25E-05	-1.57E-05	2.97E-06	
75	-0.000208	-7.94E-05	-0.003161
-2.78E-06	-0.000191	3.44E-06	
76	-0.000209	-6.12E-05	-0.001943
4.17E-06	-0.000280	3.84E-06	
77	-0.000209	-4.05E-05	-0.000592
6.46E-06	-0.000241	4.48E-06	
78	-0.000212	-1.81E-05	0.000196
3.32E-06	-5.07E-05	5.31E-06	
79	-0.000211	2.56E-06	-7.37E-07
-2.14E-06	0.000177	5.20E-06	
80	-0.000211	1.98E-05	-0.001031
-1.02E-05	0.000402	4.95E-06	
81	-0.000211	4.48E-05	-0.003524
-1.92E-05	0.000574	5.12E-06	
82	-0.000212	6.87E-05	-0.006443
-2.54E-05	0.000576	4.51E-06	
83	-0.000212	8.74E-05	-0.008984
-2.93E-05	0.000422	3.02E-06	
84	-0.000212	9.73E-05	-0.010436
-3.10E-05	0.000152	9.70E-07	
85	-0.000212	9.66E-05	-0.010436
-3.10E-05	-0.000152	-1.21E-06	
86	-0.000212	8.58E-05	-0.008984
-2.94E-05	-0.000422	-3.20E-06	
87	-0.000212	6.64E-05	-0.006444
-2.56E-05	-0.000576	-4.58E-06	
88	-0.000212	4.25E-05	-0.003525
-1.93E-05	-0.000574	-5.12E-06	
89	-0.000213	1.86E-05	-0.001031
-1.03E-05	-0.000402	-4.65E-06	
90	-0.000213	2.62E-06	-7.37E-07
-2.19E-06	-0.000177	-4.74E-06	
91	-0.000213	-1.41E-05	0.000196
3.36E-06	-0.000254	-4.22E-06	
92	-0.000214	-3.49E-05	-0.000591
6.59E-06	0.000241	-3.67E-06	
93	-0.000214	-5.12E-05	-0.001941
4.35E-06	0.000280	-2.89E-06	
94	-0.000215	-6.45E-05	-0.003159
-2.60E-06	0.000191	-2.41E-06	
95	-0.000215	-7.54E-05	-0.003686
-1.24E-05	1.51E-05	-1.93E-06	
96	-0.000215	-8.33E-05	-0.003284
-2.14E-05	-0.000172	-1.20E-06	
97	-0.000215	-8.63E-05	-0.002063
-2.61E-05	-0.000304	3.11E-08	
98	-0.000215	-8.16E-05	-0.000467
-2.29E-05	-0.000314	1.90E-06	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
5

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000213	-6.58E-05	0.000815
-9.99E-06	-0.000175	4.53E-06	
100	-0.000211	-3.56E-05	0.000987
1.40E-05	0.000133	7.69E-06	
101	-0.000209	-6.04E-06	-8.42E-07
3.74E-05	0.000447	9.29E-06	
102	-0.000206	2.75E-05	-0.002118
5.72E-05	0.000753	1.04E-05	
103	-0.000201	8.36E-05	-0.006601
6.98E-05	0.001015	1.23E-05	
104	-0.000195	0.000145	-0.011840
6.28E-05	0.001059	1.26E-05	
105	-0.000189	0.000187	-0.016760
3.63E-05	0.000888	1.11E-05	
106	-0.000184	0.000251	-0.020328
-7.03E-06	0.000532	7.99E-06	
107	-0.000181	0.000280	-0.021829
-5.91E-05	7.07E-05	3.89E-06	
108	-0.000180	0.000288	-0.020898
-0.000113	-0.000431	-6.80E-07	
109	-0.000181	0.000274	-0.017502
-0.000162	-0.000907	-5.18E-06	
110	-0.000185	0.000237	-0.011884
-0.000201	-0.001320	-1.01E-05	
111	-0.000193	0.000173	-0.004505
-0.000223	-0.001590	-1.69E-05	
112	-0.000199	0.000123	-2.35E-07
-0.000225	-0.001638	-1.94E-05	
113	-0.000245	0.000138	-1.78E-07
-0.000225	0.001598	1.24E-05	
114	-0.000249	0.000171	-0.004370
-0.000232	0.001553	1.13E-05	
115	-0.000254	0.000241	-0.011560
-0.000226	0.001294	7.36E-06	
116	-0.000255	0.000241	-0.017055
-0.000196	0.000889	2.86E-06	
117	-0.000254	0.000245	-0.020385
-0.000152	0.000421	-1.30E-06	
118	-0.000251	0.000229	-0.021301
-0.000100	-7.33E-05	-5.16E-06	
119	-0.000246	0.000196	-0.019836
-4.78E-05	-0.000528	-8.47E-06	
120	-0.000240	0.000148	-0.016344
-1.99E-06	-0.000878	-1.08E-05	
121	-0.000233	9.33E-05	-0.011535
2.94E-05	-0.001043	-1.16E-05	
122	-0.000228	3.78E-05	-0.006424
4.31E-05	-0.000996	-1.10E-05	
123	-0.000223	-1.26E-05	-0.002065
3.71E-05	-0.000738	-9.68E-06	
124	-0.000220	-4.43E-05	-7.44E-07
1.91E-05	-0.000444	-8.77E-06	
125	-0.000218	-7.25E-05	0.000988
-4.15E-06	-0.000142	-7.59E-06	
126	-0.000215	-0.000104	0.000867
-3.37E-05	0.000161	-5.04E-06	
127	-0.000214	-0.000122	-0.000355
-5.32E-05	0.000303	-2.17E-06	
128	-0.000213	-0.000126	-0.001901
-6.15E-05	0.000295	2.62E-07	
129	-0.000213	-0.000120	-0.003091
-5.93E-05	0.000167	-1.46E-06	
130	-0.000213	-0.000108	-0.003487
-5.04E-05	-1.58E-05	3.10E-06	
131	-0.000213	-9.02E-05	-0.002979
-3.82E-05	-0.000187	3.92E-06	
132	-0.000213	-6.90E-05	-0.001804
-2.64E-05	-0.000272	4.63E-06	
133	-0.000214	-4.46E-05	-0.000515
-1.74E-05	-0.000230	5.18E-06	
134	-0.000214	-1.84E-05	0.000212
-1.42E-05	-4.19E-05	5.31E-06	
135	-0.000214	-4.90E-07	-6.39E-07
-1.84E-05	0.000175	5.07E-06	
136	-0.000215	1.64E-05	-0.000997
-2.71E-05	0.000389	4.76E-06	
137	-0.000215	3.81E-05	-0.003404
-4.23E-05	0.000559	4.17E-06	
138	-0.000215	5.70E-05	-0.006237
-5.54E-05	0.000564	3.50E-06	
139	-0.000214	7.15E-05	-0.008714
-6.42E-05	0.000415	2.36E-06	
140	-0.000213	7.92E-05	-0.010133
-6.85E-05	0.000149	7.51E-07	
141	-0.000212	7.86E-05	-0.010133
-6.85E-05	-0.000149	-9.95E-07	
142	-0.000211	6.98E-05	-0.008714
-6.42E-05	-0.000415	-2.54E-06	
143	-0.000211	5.47E-05	-0.006238
-5.54E-05	-0.000564	-3.56E-06	
144	-0.000211	3.59E-05	-0.003404
-4.23E-05	-0.000559	-4.06E-06	
145	-0.000211	1.52E-05	-0.000997
-2.71E-05	-0.000389	-4.38E-06	
146	-0.000211	-2.64E-07	-6.39E-07
-1.83E-05	-0.000175	-4.56E-06	
147	-0.000211	-1.63E-05	0.000212
-1.41E-05	4.19E-05	-4.69E-06	
148	-0.000212	-3.89E-05	-0.000515
-1.73E-05	0.000230	-4.37E-06	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
6

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000212	-5.89E-05	-0.001804
-2.62E-05	0.000272	-3.62E-06	
150	-0.000212	-7.51E-05	-0.002978
-3.80E-05	0.000187	-2.87E-06	
151	-0.000212	-8.73E-05	-0.003486
-5.01E-05	1.58E-05	-2.03E-06	
152	-0.000212	-9.49E-05	-0.003091
-5.89E-05	-0.000167	-9.63E-07	
153	-0.000213	-9.60E-05	-0.001900
-6.09E-05	-0.000295	5.95E-07	
154	-0.000210	-8.80E-05	-0.000354
-5.24E-05	-0.000303	2.72E-06	
155	-0.000209	-6.84E-05	0.000868
-3.25E-05	-0.000161	5.22E-06	
156	-0.000206	-3.68E-05	0.000988
-2.52E-06	-0.000142	7.56E-06	
157	-0.000204	-8.61E-06	-7.42E-07
2.09E-05	0.000444	8.77E-06	
158	-0.000201	2.31E-05	-0.002066
3.87E-05	0.000738	9.72E-06	
159	-0.000196	7.34E-05	-0.006425
4.43E-05	0.000996	1.08E-05	
160	-0.000191	0.000127	-0.011537
3.02E-05	0.001044	1.10E-05	
161	-0.000185	0.000178	-0.016346
-1.41E-06	0.000878	9.84E-06	
162	-0.000179	0.000221	-0.019838
-4.73E-05	0.000528	7.33E-06	
163	-0.000175	0.000248	-0.021304
-9.94E-05	7.32E-05	3.88E-06	
164	-0.000172	0.000257	-0.020387
-0.000151	-0.000421	-8.11E-08	
165	-0.000172	0.000247	-0.017057
-0.000195	-0.000890	-4.35E-06	
166	-0.000175	0.000214	-0.011561
-0.000225	-0.001594	-9.04E-06	
167	-0.000180	0.000160	-0.004371
-0.000231	-0.001553	-1.32E-05	
168	-0.000185	0.000122	-1.77E-07
-0.000223	-0.001598	-1.43E-05	
169	-0.000221	0.000165	-2.96E-05
-0.000220	0.001639	0.000164	
170	-0.000225	0.000198	-0.004553
-0.000212	0.001599	0.000133	
171	-0.000231	0.000246	-0.011982
-0.000180	0.001328	0.000129	
172	-0.000234	0.000277	-0.017645
-0.000138	0.000915	8.66E-05	
173	-0.000235	0.000287	-0.021068
-8.83E-05	0.000435	3.99E-05	
174	-0.000234	0.000273	-0.022004
-3.42E-05	-6.88E-05	-9.75E-06	
175	-0.000231	0.000237	-0.020488
1.74E-05	-0.000534	-5.56E-05	
176	-0.000226	0.000183	-0.016886
5.88E-05	-0.000890	-9.11E-05	
177	-0.000220	0.000117	-0.011924
8.11E-05	-0.001064	-0.000108	
178	-0.000214	4.88E-05	-0.006645
7.83E-05	-0.001016	-0.000103	
179	-0.000209	-1.40E-05	-0.002135
5.20E-05	-0.000759	-7.14E-05	
180	-0.000206	-5.09E-05	-3.27E-06
2.55E-05	-0.000450	-3.91E-05	
181	-0.000204	-7.88E-05	0.000993
8.12E-06	-0.000132	-1.13E-05	
182	-0.000202	-0.000104	0.000828
-2.16E-06	0.000173	1.91E-05	
183	-0.000202	-0.000115	-0.000461
-6.32E-06	0.000518	3.23E-05	
184	-0.000202	-0.000115	-0.002070
-5.33E-06	0.000306	2.98E-05	
185	-0.000203	-0.000107	-0.003303
7.60E-07	0.000175	1.47E-05	
186	-0.000204	9.42E-05	-0.003710
9.90E-06	-1.44E-05	-6.03E-06	
187	-0.000205	-7.83E-05	-0.003177
1.84E-05	-0.000190	-2.53E-05	
188	-0.000206	-6.07E-05	-0.001950
2.13E-05	-0.000281	-3.51E-05	
189	-0.000207	-4.13E-05	-0.000594
1.44E-05	-0.000239	-3.11E-05	
190	-0.000208	-1.93E-05	0.000191
-2.68E-06	-5.21E-05	-2.87E-06	
191	-0.000208	-1.95E-06	-1.10E-05
-1.50E-05	0.000178	1.24E-05	
192	-0.000209	1.72E-05	-0.001045
-1.65E-05	0.000405	3.57E-05	
193	-0.000209	4.52E-05	-0.003547
-1.13E-05	0.000574	5.66E-05	
194	-0.000210	7.11E-05	-0.006484
-8.33E-06	0.000579	5.76E-05	
195	-0.000211	9.10E-05	-0.009044
-8.01E-06	0.000424	4.25E-05	
196	-0.000211	0.000101	-0.010509
-8.37E-06	0.000153	1.52E-05	
197	-0.000211	0.000101	-0.010509
-8.40E-06	0.000153	-1.56E-05	
198	-0.000212	8.93E-05	-0.009045
-8.10E-06	-0.000424	-4.30E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
7

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000212	6.88E-05	-0.006485
-8.48E-06	-0.000579	-5.82E-05	
200	-0.000213	4.30E-05	-0.003548
-1.15E-05	-0.000574	-5.74E-05	
201	-0.000214	1.59E-05	-0.001045
-1.66E-05	-0.000405	-3.65E-05	
202	-0.000214	-1.92E-06	-1.11E-05
-1.50E-05	-0.000178	-1.33E-05	
203	-0.000215	-1.74E-05	0.000192
-2.51E-06	5.19E-05	8.91E-06	
204	-0.000216	-3.58E-05	-0.000592
1.46E-05	0.000239	3.20E-05	
205	-0.000217	-5.08E-05	-0.001948
2.17E-05	0.000281	3.41E-05	
206	-0.000218	-6.35E-05	-0.003175
1.87E-05	0.000190	2.44E-05	
207	-0.000219	-7.42E-05	-0.003707
1.03E-05	1.44E-05	5.33E-06	
208	-0.000220	-8.22E-05	-0.003301
1.25E-06	-0.000175	-1.51E-05	
209	-0.000220	-8.56E-05	-0.002069
-4.80E-06	-0.000306	-3.00E-05	
210	-0.000220	-8.16E-05	-0.000461
-5.81E-06	-0.000317	-3.23E-05	
211	-0.000220	-6.71E-05	0.000826
-1.89E-06	-0.000173	-1.87E-05	
212	-0.000218	-3.91E-05	0.000988
7.81E-06	0.000133	1.20E-05	
213	-0.000216	-1.05E-05	-1.13E-05
2.46E-05	0.000450	4.01E-05	
214	-0.000213	2.57E-05	-0.002142
5.13E-05	0.000758	7.30E-05	
215	-0.000209	8.61E-05	-0.006650
7.83E-05	0.001016	0.000104	
216	-0.000203	0.000151	-0.011928
8.14E-05	0.001063	0.000109	
217	-0.000198	0.000212	-0.016888
5.92E-05	0.000890	9.28E-05	
218	-0.000194	0.000258	-0.020490
1.79E-05	0.000533	5.74E-05	
219	-0.000191	0.000291	-0.022005
-3.37E-05	6.87E-05	1.16E-05	
220	-0.000190	0.000299	-0.021068
-8.77E-05	-0.000435	-3.79E-05	
221	-0.000192	0.000282	-0.017646
-0.000137	-0.000915	-8.66E-05	
222	-0.000196	0.000244	-0.011984
-0.000179	-0.001328	-0.000127	
223	-0.000202	0.000189	-0.004558
-0.000212	-0.001598	-0.000132	
224	-0.000207	0.000153	-3.52E-05
-0.000220	-0.001639	0.000162	
225	-0.000234	0.000139	-8.41E-06
-0.000189	0.001625	0.000165	
226	-0.000239	0.000179	-0.004455
-0.000217	0.001580	0.000134	
227	-0.000246	0.000230	-0.011752
-0.000217	0.001307	0.000131	
228	-0.000249	0.000216	-0.017318
-0.000184	0.000899	9.00E-05	
229	-0.000249	0.000263	-0.020685
-0.000137	0.000425	4.33E-05	
230	-0.000247	0.000248	-0.021610
-8.41E-05	-7.23E-05	-6.44E-06	
231	-0.000242	0.000213	-0.020126
-3.17E-05	-0.000531	-5.24E-05	
232	-0.000237	0.000163	-0.016593
1.26E-05	-0.000883	-8.80E-05	
233	-0.000231	0.000104	-0.011723
4.32E-05	-0.001053	-0.000105	
234	-0.000225	4.40E-05	-0.006542
5.87E-05	-0.001005	-0.000101	
235	-0.000220	-9.18E-05	-0.002116
5.85E-05	-0.000748	-7.03E-05	
236	-0.000217	-4.13E-05	-2.54E-05
4.30E-05	-0.000444	-3.80E-05	
237	-0.000214	-7.08E-05	0.000963
1.63E-05	-0.000133	-9.85E-06	
238	-0.000212	-0.000102	0.000811
-1.93E-05	0.000168	2.02E-05	
239	-0.000210	-0.000117	-0.000447
-4.12E-05	0.000310	3.28E-05	
240	-0.000210	-0.000119	-0.002022
-4.83E-05	0.000299	3.00E-05	
241	-0.000210	-0.000112	-0.003231
-4.46E-05	0.000170	1.50E-05	
242	-0.000210	-9.93E-05	-0.003630
-3.59E-05	-1.62E-05	-5.58E-06	
243	-0.000211	-8.27E-05	-0.003109
-2.52E-05	-0.000190	-2.47E-05	
244	-0.000211	-6.33E-05	-0.001908
-1.45E-05	-0.000278	-3.46E-05	
245	-0.000212	-4.13E-05	-0.000581
-3.69E-06	-0.000236	-3.08E-05	
246	-0.000212	-1.64E-05	0.000184
5.73E-06	-4.95E-05	-9.86E-06	
247	-0.000212	1.81E-06	-1.98E-05
4.67E-06	0.000177	1.24E-05	
248	-0.000213	1.90E-05	-0.001034
-7.88E-06	0.000399	3.06E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
8

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000213	4.27E-05	-0.003491
-2.91E-05	0.000567	5.64E-05	
250	-0.000213	6.46E-05	-0.006374
-4.39E-05	0.000572	5.72E-05	
251	-0.000213	8.16E-05	-0.008888
-5.14E-05	0.000418	4.21E-05	
252	-0.000212	9.05E-05	-0.010326
-5.42E-05	0.000151	1.50E-05	
253	-0.000212	8.99E-05	-0.010326
-5.42E-05	-0.000151	-1.54E-05	
254

5.90E-05	0.000748	6.94E-05	
271	-0.000198	7.97E-05	-0.006540
5.86E-05	0.001006	0.000101	
272	-0.000192	0.000138	-0.011723
4.31E-05	0.001054	0.000105	
273	-0.000187	0.000193	-0.016593
1.26E-05	0.000883	8.80E-05	
274	-0.000182	0.000238	-0.020127
-3.16E-05	0.000531	5.26E-05	
275	-0.000178	0.000267	-0.021611
-8.38E-05	7.22E-05	6.72E-06	
276	-0.001758	0.000175	-0.020686
-0.000137	-0.000426	-4.29E-05	
277	-0.000178	0.000263	-0.017319
-0.000184	-0.000899	-8.96E-05	
278	-0.000182	0.000228	-0.011753
-0.000217	-0.001308	-0.000131	
279	-0.000189	0.000168	-0.004453
-0.000217	-0.001580	0.000133	
280	-0.000195	0.000122	-4.30E-06
-0.000189	-0.001626	-0.000164	
281	-0.002011	5.31E-22	.000000
-0.000175	0.001647	7.04E-06	
282	0.000341	-1.30E-21	.000000
5.59E-05	-0.000449	-9.54E-06	
283	-0.000421	.000000	.000000
5.80E-06	0.000179	5.31E-06	
284	.000000	.000000	.000000
1.05E-05	-0.000179	-4.86E-06	
285	-0.000766	2.41E-21	.000000
2.24E-05	0.000453	9.55E-06	
286	0.001581	-2.78E-21	.000000
-0.000161	-0.001648	-7.30E-06	
287	-0.002035	6.90E-21	.000000
-0.000138	0.001648	1.71E-05	
288	0.000324	-2.95E-22	.000000
2.91E-05	-0.000448	-9.20E-06	
289	-0.000423	.000000	.000000
-2.13E-06	0.000177	5.23E-06	
290	.000000	.000000	.000000
2.43E-06	-0.000177	-4.74E-06	
291	-0.000746	2.17E-21	.000000
1.41E-05	0.000449	9.20E-06	
292	0.001608	7.66E-21	.000000
-9.75E-05	-0.001651	-1.94E-05	
293	-0.002014	7.11E-05	.000000
-8.00E-05	0.001612	1.24E-05	
294	0.000309	-4.74E-05	.000000
-1.81E-05	-0.000444	-8.77E-06	
295	-0.000425	2.64E-05	.000000
1.90E-06	0.000176	5.07E-06	
296	3.10E-25	-2.22E-05	.000000
-1.37E-05	-0.000176	-4.66E-06	
297	-0.000729	-0.000106	.000000
-5.32E-05	0.000441	8.77E-06	
298	0.001575	9.02E-05	.000000
-5.19E-06	-0.001614	-1.43E-05	

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000479	0.000497	-5.14E-07
-0.000512	0.004077	1.55E-05	
2	-0.000487	0.000541	-0.011266
-0.000520	0.003959	1.77E-05	
3	-0.000504	0.000638	-0.029715
-0.000472	0.003281	2.03E-05	
4	-0.000519	0.000721	-0.043702
-0.000377	0.002238	1.26E-05	
5	-0.000529	0.000753	-0.052075
-0.000259	0.001045	9.47E-08	
6	-0.000531	0.000720	-0.054256
-0.000127	-0.000203	-1.29E-05	
7	-0.000528	0.000626	-0.050373
1.75E-06	-0.001344	-2.41E-05	
8	-0.000519	0.000485	-0.041377
0.000108	-0.002211	-3.21E-05	
9	-0.000508	0.000315	-0.029112
0.000170	-0.002610	-3.58E-05	
10	-0.000496	0.000137	-0.016179
0.000178	-0.002476	-3.55E-05	
11	-0.000484	-0.000051	-0.005209
0.000136	-0.001830	-3.10E-05	
12	-0.000478	-0.000127	-1.66E-06
8.33E-05	-0.001112	-2.36E-05	
13	-0.000474	-0.000194	0.002553
3.65E-05	-0.000373	-1.56E-05	
14	-0.000451	-0.000251	0.002371
-8.98E-06	0.000386	-7.80E-06	
15	-0.000471	-0.000275	-0.000634
-3.29E-05	0.000752	-1.75E-06	
16	-0.000474	-0.000272	-0.004521
-3.73E-05	0.000745	2.91E-06	
17	-0.000478	-0.000250	-0.007542
-2.46E-05	0.000427	5.77E-06	
18	-0.000482	-0.000217	-0.008550
-2.21E-06	-3.31E-05	7.08E-06	
19	-0.000486	-0.000180	-0.007266
2.09E-05	-0.000462	7.71E-06	
20	-0.000490	-0.000140	-0.004325
3.38E-05	-0.000665	8.54E-06	
21	-0.000493	-9.37E-05	-0.001151
3.11E-05	-0.000549	1.00E-05	
22	-0.000496	-3.90E-05	0.000575
1.32E-05	-8.37E-05	1.19E-05	
23	-0.000498	4.60E-06	-1.40E-06
-3.83E-06	0.000439	1.30E-05	
24	-0.000500	5.15E-05	-0.002484
-1.81E-05	0.000955	1.39E-05	
25	-0.000503	0.000122	-0.008460
-3.00E-05	0.001376	1.41E-05	
26	-0.000506	0.000189	-0.015547
-3.80E-05	0.001400	1.25E-05	
27	-0.000509	0.000242	-0.021788
-4.42E-05	0.001037	8.56E-06	
28	-0.000512	0.000270	-0.025382
-4.77E-05	0.000375	2.84E-06	
29	-0.000515	0.000269	-0.025383
-4.77E-05	-0.000374	-3.42E-06	
30	-0.000518	0.000238	-0.021791
-4.43E-05	-0.001037	-8.99E-06	
31	-0.000521	0.000183	-0.015550
-3.82E-05	-0.001400	-1.26E-05	
32	-0.000524	0.000116	-0.008464
-3.01E-05	-0.001376	-1.39E-05	
33	-0.000526	4.83E-05	-0.002486
-1.82E-05	-0.000955	-1.32E-05	
34	-0.000528	4.47E-06	-1.40E-06
-3.72E-06	-0.000440	-1.20E-05	
35	-0.000531	-3.47E-05	0.000577
1.35E-05	8.31E-05	-1.04E-05	
36	-0.000534	-8.07E-05	-0.001146
3.17E-05	0.000549	-8.06E-06	
37	-0.000538	-0.000116	-0.004318
3.48E-05	0.000665	-6.24E-06	
38	-0.000543	-0.000144	-0.007258
2.22E-05	0.000461	-5.21E-06	
39	-0.000547	-0.000169	-0.008541
-4.59E-07	3.29E-05	-4.56E-06	
40	-0.000552	-0.000189	-0.007533
-2.23E-05	-0.000427	-3.43E-06	
41	-0.000556	-0.000200	-0.004513
-3.42E-05	-0.000745	-8.38E-07	
42	-0.000559	-0.000193	-0.000628
-2.88E-05	-0.000752	3.76E-06	
43	-0.000559	-0.000158	0.002375
-3.36E-06	-0.000386	1.03E-05	
44	-0.000557	-8.75E-05	0.002555
4.44E-05	0.000373	1.82E-05	
45	-0.000552	-1.45E-05	-1.65E-06
9.39E-05	0.001111	2.36E-05	
46	-0.000547	7.63E-06	-0.005209
0.000144	0.001830	2.84E-05	
47	-0.000537	0.000230	-0.016178
0.000184	0.002476	3.31E-05	
48	-0.000525	0.000398	-0.029109
0.000174	0.002609	3.38E-05	

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000515	0.000557	-0.041372
0.000111	0.002211	2.98E-05	
50	-0.000508	0.000686	-0.050367
4.77E-06	0.001343	2.14E-05	
51	-0.000506	0.000765	-0.054249
-0.000124	0.000203	9.78E-06	
52	-0.000511	0.000710	-0.052067
-0.000256	-0.001046	-3.61E-06	
53	-0.000522	0.000732	-0.043694
-0.000374	-0.002238	-1.63E-05	
54	-0.000540	0.000632	-0.029709
-0.000468	-0.003281	-2.34E-05	
55	-0.000559	0.000523	-0.011263
-0.000514	-0.003959	-1.90E-05	
56	-0.000567	0.000477	-5.13E-07
-0.000505	-0.004077	-1.61E-05	
57	-0.000569	0.000344	-5.67E-07
-0.000548	0.004022	4.38E-05	
58	-0.000583	0.000457	-0.011054
-0.000556	0.003900	3.75E-05	
59	-0.000595	0.000595	-0.029124
-0.000530	0.003221	2.07E-05	
60	-0.000605	0.000665	-0.042804
-0.000452	0.002192	8.86E-06	
61	-0.000606	0.000682	-0.050993
-0.000343	0.001019	-1.93E-06	
62	-0.000601	0.000645	-0.053134
-0.000214	-0.000207	-1.28E-05	
63	-0.000590	0.000558	-0.049352
-8.08E-05	-0.001327	-2.24E-05	
64	-0.000576	0.000430	-0.040569
3.75E-05	-0.002179	-2.94E-05	
65	-0.000561	0.000277	-0.028583
0.000120	-0.002573	-3.24E-05	
66	-0.000546	0.000120	-0.015916
0.000156	-0.002446	-3.09E-05	
67	-0.000533	-1.95E-05	-0.005130
0.000142	-0.001813	-2.56E-05	
68	-0.000526	-0.000102	-1.80E-06
0.000102	-0.001097	-2.26E-05	
69	-0.000520	-0.000277	0.002494
4.48E-05	-0.000362	-1.88E-05	
70	-0.000515	-0.000246	0.002300
-2.49E-05	0.000379	-1.03E-05	
71	-0.000512	-0.000279	-0.000629
-7.29E-05	0.000734	-3.16E-06	
72	-0.000511	-0.000282	-0.004407
-9.59E-05	0.000724	1.95E-06	
73	-0.000512	-0.000263	-0.007346
-9.35E-05	0.000415	5.33E-06	
74	-0.000513	-0.000231	-0.008335
-7.28E-05	-3.32E-05	7.36E-06	
75	-0.000514	-0.000191	-0.007101
-4.26E-05	-0.000451	8.61E-06	
76	-0.000515	-0.000146	-0.004252
-1.40E-05	-0.000652	9.60E-06	
77	-0.000517	-9.50E-05	-0.001156
4.88E-06	-0.000543	1.07E-05	
78	-0.000518	-3.85E-05	0.000553
7.63E-06	-8.81E-05	1.20E-05	
79	-0.000520	4.57E-06	-1.56E-06
-3.81E-06	0.000435	1.28E-05	
80	-0.000520	4.96E-05	-0.002461
-2.39E-05	0.000951	1.32E-05	
81	-0.000521	0.000114	-0.008357
-5.61E-05	0.001361	1.29E-05	
82	-0.000522	0.000173	-0.015305
-8.56E-05	0.001377	1.05E-05	
83	-0.000522	0.000218	-0.021403
-0.000108	0.001017	7.26E-06	
84	-0.000521	0.000242	-0.024908
-0.000120	0.000367	2.34E-06	
85	-0.000521	0.000241	-0.024908
-0.000120	-0.000367	-2.91E-06	
86	-0.000520	-0.000214	-0.021404
-0.000108	-0.001017	-7.69E-06	
87	-0.000521	0.000168	-0.015307
-8.59E-05	-0.001377	-1.11E-05	
88	-0.000521	0.000109	-0.008358
-5.64E-05	-0.001361	-1.26E-05	
89	-0.000522	4.66E-05	-0.002461
-2.41E-05	-0.000951	-1.25E-05	
90	-0.000523	4.77E-06	-1.56E-06
-3.97E-06	-0.000436	-1.16E-05	
91	-0.000524	-3.37E-05	0.000554
7.66E-06	8.79E-05	-1.05E-05	
92	-0.000525	-8.15E-05	-0.001154
5.12E-06	-0.000543	-8.05E-06	
93	-0.000525	-0.000121	-0.004249
-1.37E-05	0.000652	-7.26E-06	
94	-0.000526	-0.000155	-0.007098
-4.23E-05	0.000451	-6.08E-06	
95	-0.000527	-0.000182	-0.008332
-7.26E-05	3.33E-05	-4.79E-06	
96	-0.000527	-0.000204	-0.007343
-9.37E-05	-0.000415	-2.88E-06	
97	-0.000527	-0.000208	-0.004405
-9.68E-05	-0.000724	2.60E-07	
98	-0.000525	-0.000196	-0.000629
-7.48E-05	-0.000733	4.86E-06	

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000523	-0.000157	0.002300
-2.84E-05	-0.000379	1.08E-05	
100	-0.000516	-8.66E-05	0.002494
3.87E-05	0.000363	1.78E-05	
101	-0.000511	-1.67E-05	-1.81E-06
9.32E-05	0.001098	2.26E-05	
102	-0.000504	6.86E-05	-0.005131
0.000136	0.001814	2.62E-05	
103	-0.000491	0.000210	-0.015919
0.000152	0.002447	3.04E-05	
104	-0.000477	0.000361	-0.028586
0.000118	0.002573	3.07E-05	
105	-0.000462	0.000504	-0.040572
3.65E-05	0.002179	2.70E-05	
106	-0.000459	0.000519	-0.049352
-8.10E-05	0.001327	1.96E-05	
107	-0.000442	0.000691	-0.053135
-0.000214	0.000207	9.65E-06	
108	-0.000438	0.000712	-0.050994
-0.000343	-0.001019	-1.47E-06	
109	-0.000441	0.000678	-0.042805
-0.000453	-0.002191	-1.24E-05	
110	-0.000451	0.000590	-0.029125
-0.000531	-0.003221	-2.46E-05	
111	-0.000469	0.000430	-0.011054
-0.000560	-0.003899	-4.27E-05	
112	-0.000485	0.000302	-5.70E-07
-0.000553	-0.004021	-4.96E-05	
113	-0.000603	0.000340	-4.29E-07
-0.000562	0.003888	2.95E-05	
114	-0.000612	0.000417	-0.010637
-0.000589	0.003775	2.68E-05	
115	-0.000623	0.000524	-0.028101
-0.000590	0.003130	1.68E-05	
116	-0.000627	0.000578	-0.041376
-0.000530	0.002133	5.82E-06	
117	-0.000624	0.000583	-0.049344
-0.000432	0.000989	-3.87E-06	
118	-0.000615	0.000542	-0.051439
-0.000308	-0.000211	-1.27E-05	
119	-0.000603	0.000461	-0.047772
-0.000179	-0.001306	-2.02E-05	
120	-0.000588	0.000350	-0.039250
-6.00E-05	-0.002136	-2.54E-05	
121	-0.000573	0.000220	-0.027632
2.68E-05	-0.002515	-2.73E-05	
122	-0.000560	8.83E-05	-0.015382
7.15E-05	-0.002383	-2.62E-05	
123	-0.000548	-3.33E-05	-0.004976
6.85E-05	-0.001767	-2.35E-05	
124	-0.000541	-0.000110	-1.55E-06
3.15E-05	-0.001088	-2.13E-05	
125	-0.000536	-0.000179	0.002504
-2.30E-05	-0.000392	-1.85E-05	
126	-0.000529	-0.000257	0.002487
-0.000100	0.000332	-1.27E-05	
127	-0.000525	-0.000335	-0.000218
-0.000157	0.000689	-6.08E-06	
128	-0.000523	-0.000318	-0.003805
-0.000186	0.000691	-1.02E-07	
129	-0.000522	-0.000307	-0.006628
-0.000187	0.000398	4.54E-06	
130	-0.000522	-0.000275	-0.007598
-0.000166	-3.15E-05	7.88E-06	
131	-0.000522	-0.000230	-0.006447
-0.000133	-0.000431	1.03E-05	
132	-0.000523	-0.000174	-0.003769
-9.73E-05	-0.000617	1.21E-05	
133	-0.000525	-0.000111	-0.000898
-6.73E-05	-0.000501	1.31E-05	
134	-0.000528	-4.63E-05	0.000605
-5.18E-05	-5.92E-05	1.31E-05	
135	-0.000527	-2.28E-06	-1.29E-06
-5.89E-05	0.000430	1.24E-05	
136	-0.000528	3.90E-05	-0.002363
-8.14E-05	0.000911	1.15E-05	
137	-0.000528	9.14E-05	-0.007990
-0.000126	-0.000308	9.84E-06	
138	-0.000527	0.000135	-0.014653
-0.000166	0.001331	7.82E-06	
139	-0.000526	0.000167	-0.020527
-0.000196	0.000987	5.06E-06	
140	-0.000524	0.000183	-0.023912
-0.000212	0.000357	1.55E-06	
141	-0.000521	0.000181	-0.023912
-0.000212	-0.000357	-2.14E-06	
142	-0.000519	0.000163	-0.020528
-0.000196	-0.000987	-5.50E-06	
143	-0.000518	0.000129	-0.014654
-0.000166	-0.001331	-7.97E-06	
144	-0.000517	8.61E-05	-0.007990
-0.000126	-0.001308	-9.58E-06	
145	-0.000518	3.63E-05	-0.002363
-8.14E-05	-0.000911	-1.07E-05	
146	-0.000518	-1.71E-06	-1.29E-06
-5.87E-05	-0.000430	-1.13E-05	
147	-0.000519	-4.12E-05	0.000605
-5.16E-05	-0.000501	-1.11E-05	
148	-0.000520	-9.76E-05	-0.000898
-6.70E-05	0.000501	-1.11E-05	

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000521	-0.000150	-0.003769
-9.69E-05	0.000617	-9.76E-06	
150	-0.000521	-0.000193	-0.006447
-0.000132	0.000613	-7.78E-06	
151	-0.000521	-0.000226	-0.007598
-0.000166	3.15E-05	-5.25E-06	
152	-0.000521	-0.000244	-0.006628
-0.000186	-0.000398	-2.03E-06	
153	-0.000519	-0.000244	-0.003805
-0.000185	-0.000691	2.24E-06	
154	-0.000516	-0.000229	-0.000218
-0.000155	-0.000689	7.48E-06	
155	-0.000512	-0.000169	0.002488
-9.72E-05	-0.000332	1.32E-05	
156	-0.000506	-9.11E-05	0.002505
-1.89E-05	0.000391	1.85E-05	
157	-0.000500	-2.23E-05	-1.54E-06
3.62E-05	0.001088	2.14E-05	
158	-0.000493	5.51E-05	-0.004977
7.27E-05	0.001766	2.36E-05	
159	-0.000482	0.000176	-0.015383
7.45E-05	0.002383	2.58E-05	
160	-0.000469	0.000304	-0.027635
2.88E-05	0.002515	2.59E-05	
161	-0.000455	-0.000424	-0.039254
-5.84E-05	0.002136	2.31E-05	
162	-0.000441	0.000524	-0.047777
-0.000177	0.001305	1.73E-05	
163	-0.000431	0.000589	-0.051444
-0.000307	0.000210	9.52E-06	
164	-0.000428	0.000614	-0.049349
-0.000430	-0.000989	4.75E-07	
165	-0.000423	0.000592	-0.041379
-0.000529	-0.002133	-9.52E-06	
166	-0.000429	0.000519	-0.028102
-0.000588	-0.003131	-2.10E-05	
167	-0.000443	0.000390	-0.010637
-0.000585	-0.003775	-3.13E-05	
168	-0.000454	0.000300	-4.27E-07
-0.000558	-0.003888	-3.43E-05	
169	-0.000541	0.000420	-4.81E-05
-0.000524	0.004051	0.000398	
170	-0.000550	0.000500	-0.011209
-0.000536	0.003952	0.000322	
171	-0.000553	0.000519	-0.029495
-0.000490	0.003250	0.000308	
172	-0.000571	0.000697	-0.043346
-0.000407	0.002220	0.000204	
173	-0.000574	0.000722	-0.051633
-0.000295	0.001033	8.83E-05	
174	-0.000571	0.000687	-0.053795
-0.000165	-3.37E-05	-3.20E-05	
175	-0.000562	0.000597	-0.049955
-3.23E-05	-0.001337	-0.000145	
176	-0.000550	0.000461	-0.041050
8.16E-05	-0.002195	-0.000230	
177	-0.000536	0.000298	-0.028902
0.000155	-0.002598	-0.000269	
178	-0.000521	0.000129	-0.016074
0.000172	-0.002461	-0.000255	
179	-0.000509	-2.58E-05	-0.005167
0.000132	-0.001845	-0.000178	
180	-0.000502	-0.000116	1.44E-05
7.69E-05	-0.001106	-0.000101	
181	-0.000501	-0.000049	0.002528
3.10E-05	-0.000346	-3.58E-05	
182	-0.000493	-0.000248	0.002311
-1.10E-05	0.000383	3.70E-05	
183	-0.000492	-0.000275	-0.000682
-4.27E-05	0.000751	7.13E-05	
184	-0.000493	-0.000273	-0.004534
-5.72E-05	0.000520	2.79E-05	
185	-0.000495	-0.000252	-0.007524
-5.13E-05	0.000423	3.11E-05	
186	-0.000497	-0.000220	-0.008524
-2.96E-05	-3.42E-05	-1.85E-05	
187	-0.000500	-0.000182	-0.007257
-1.64E-06	-0.000456	-6.44E-05	
188	-0.000502	-0.000149	-0.004345
2.03E-05	-0.000665	-8.66E-05	
189	-0.000505	-9.32E-05	-0.001188
2.26E-05	-0.000545	-7.52E-05	
190	-0.000507	-3.89E-05	0.000552
-6.29E-08	-0.000107	-2.45E-05	
191	-0.000508	4.04E-06	-6.68E-06
-2.37E-05	0.000437	2.79E-05	
192	-0.000510	5.05E-05	-0.002484
-3.30E-05	0.000973	8.22E-05	
193	-0.000512	0.000119	-0.008443
-3.86E-05	0.001367	0.000132	
194	-0.000514	0.000184	-0.015484
-5.19E-05	0.001595	0.000136	
195	-0.000516	0.000234	-0.021669
-6.69E-05	0.001027	0.000101	
196	-0.000517	0.000260	-0.025228
-7.59E-05	0.000373	3.51E-05	
197	-0.000518	0.000259	-0.025229
-7.59E-05	-0.000373	-3.92E-05	
198	-0.000519	0.000230	-0.021671
-6.71E-05	-0.001027	-0.000105	

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000521	0.000178	-0.015486
-5.22E-05	-0.001395	-0.000140	
200	-0.000522	0.000114	-0.008446
-3.90E-05	-0.001368	-0.000137	
201	-0.000525	4.74E-05	-0.002486
-3.34E-05	-0.000973	-8.70E-05	
202	-0.000526	4.11E-06	-6.99E-06
-2.37E-05	-0.000437	-3.26E-05	
203	-0.000528	-3.43E-05	0.000553
3.14E-07	0.000106	1.93E-05	
204	-0.000530	-7.99E-05	-0.001185
2.32E-05	0.000545	6.94E-05	
205	-0.000532	-0.000116	-0.004341
2.10E-05	0.000664	8.10E-05	
206	-0.000535	-0.000146	-0.007253
-7.85E-07	0.000456	5.90E-05	
207	-0.000537	-0.000171	-0.008520
-2.86E-05	3.43E-05	1.35E-05	
208	-0.000539	-0.000191	-0.007521
-5.02E-05	-0.000423	-3.56E-05	
209	-0.000541	-0.000201	-0.004533
-5.60E-05	-0.000735	-7.07E-05	
210	-0.000541	-0.000192	-0.000685
-4.16E-05	-0.000750	-7.46E-05	
211	-0.000540	-0.000157	0.002303
-1.05E-05	-0.000382	-3.98E-05	
212	-0.000536	-8.74E-06	0.002514
3.00E-05	0.000348	3.41E-05	
213	-0.000531	-1.63E-05	-6.03E-06
7.46E-05	0.001106	0.000100	
214	-0.000525	7.24E-05	-0.005183
0.000130	0.001844	0.000177	
215	-0.000513	0.000221	-0.016085
0.000172	0.002460	0.000255	
216	-0.000500	0.000382	-0.028909
0.000156	0.002597	0.000269	
217	-0.000486	0.000535	-0.041054
8.28E-05	0.002194	0.000230	
218	-0.000475	0.000657	-0.049956
-3.10E-05	0.001337	0.000145	
219	-0.000460	0.000733	-0.053794
-0.000163	0.000204	3.41E-05	
220	-0.000467	0.000751	-0.051632
-0.000294	-0.001033	-8.71E-05	
221	-0.000471	0.000709	-0.043346
-0.000405	-0.002220	-0.000202	
222	-0.000481	0.000614	-0.029498
-0.000489	-0.003250	-0.000307	
223	-0.000496	0.000479	-0.011222
-0.000536	-0.003950	-0.000322	
224	-0.000507	0.000389	-6.24E-05
-0.000526	-0.004049	-0.000397	
225	-0.000578	0.000343	-3.41E-05
-0.000451	-0.003976	0.000404	
226	-0.000591	0.000442	-0.010902
-0.000541	0.003867	0.000328	
227	-0.000606	0.000564	-0.028693
-0.000564	0.003172	0.000321	
228	-0.000613	0.000627	-0.042188
-0.000502	0.002165	0.000219	
229	-0.000588	0.000638	-0.050273
-0.000398	0.001003	0.000104	
230	-0.000607	0.000599	-0.052394
-0.000270	-0.000209	-1.73E-05	
231	-0.000597	0.000515	-0.048669
-0.000138	-0.001318	-0.000129	
232	-0.000584	0.000395	-0.040016
-1.88E-05	-0.001156	-0.000114	
233	-0.000569	0.000253	-0.028206
7.23E-05	-0.002548	-0.000253	
234	-0.000555	0.000108	-0.015739
0.000129	-0.002410	-0.000241	
235	-0.000542	-2.24E-05	-0.005134
0.000146	-0.001804	-0.000167	
236	-0.000535	0.000102	-8.08E-05
0.000116	-0.001089	-9.24E-05	
237	-0.000529	-0.000173	0.002419
5.07E-05	-0.000356	-2.74E-05	
238	-0.000523	-0.000247	0.002304
-4.57E-05	0.000353	4.42E-05	
239	-0.000519	-0.000286	-0.000522
0.000116	-0.000715	7.71E-05	
240	-0.000517	-0.000294	-0.004210
-0.000148	0.000705	7.22E-05	
241	-0.000517	-0.000279	-0.007094
-0.000148	0.000407	3.69E-05	
242	-0.000518	-0.000248	-0.008072
-0.000127	-3.08E-05	-3.26E-05	
243	-0.000519	-0.000205	-0.006876
-9.50E-05	-0.000441	-5.77E-05	
244	-0.000520	-0.000155	-0.004105
-5.67E-05	-0.000639	-7.98E-05	
245	-0.000521	-9.92E-05	-0.001109
-1.58E-05	-0.000519	-6.87E-05	

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  0.000129     0.002410     0.000240
   272     -0.000471     0.000337    -0.028204
 7.21E-05     0.002548     0.000253
   273     -0.000457     0.000469    -0.040015
-1.66E-05    -0.002156     0.000214
   274     -0.000445     0.000577    -0.048671
-0.000137     0.001318     0.000130
   275     -0.000437     0.000646    -0.052396
-0.000270     0.000209     1.85E-05
   276     -0.000433     0.000669    -0.050274
-0.000397    -0.001003    -0.000103
   277     -0.000435     0.000641    -0.042187
-0.000502    -0.002166    -0.000217
   278     -0.000444     0.000559    -0.028693
-0.000564    -0.003173    -0.000319
   279     -0.000462     0.000414    -0.010895
-0.000540    -0.003868    -0.000327
   280     -0.000477     0.000302    -2.36E-05
-0.000449    -0.003978     0.000400
   281     -0.004964     6.86E-21     .000000
-0.000458     0.004084     1.55E-05
   282     0.000856     1.89E-22     .000000
 0.000118    -0.001109    -2.36E-05
   283     -0.001025     .000000     .000000
-3.83E-06     0.000439     1.30E-05
   284     -0.000438    -1.20E-05     .000000
 7.72E-06    -0.000440    -1.20E-05
   285     -0.001889    -8.87E-21     .000000
 3.60E-05     0.001115     2.36E-05
   286     0.003919    -9.60E-22     .000000
-0.000423    -0.004086    -1.61E-05
   287     -0.005000    -9.11E-21     .000000
-0.000339     0.000045     4.38E-05
   288     0.000791    -1.73E-21     .000000
 7.32E-05    -0.001100    -2.26E-05
   289     -0.001042     .000000     .000000
-3.81E-06     0.000435     1.28E-05
   290     .000000     .000000     .000000
 7.36E-06    -0.000436    -1.16E-05
   291     -0.001831     6.24E-21     .000000
 3.60E-05     0.001101     2.26E-05
   292     0.003950    -2.16E-20     .000000
-0.000240    -0.004052    -4.96E-05
   293     -0.004885     0.000163     .000000
-0.000209     0.003923     2.95E-05
   294     0.000756     0.001136     .000000
-5.96E-05    -0.001087    -2.13E-05
   295     -0.001045     4.74E-05     .000000
-9.08E-06     0.000434     1.24E-05
   296     -8.78E-23    -7.22E-05     .000000
-4.75E-05    -0.000432    -1.13E-05
   297     -0.001784    -0.000280     .000000
-0.000145     0.001679     2.14E-05
   298     0.003831     0.000207     .000000
-2.65E-05    -0.003928    -3.43E-05
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              15

R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

 LOAD   STEEL --------------------

  JOINT          F1           F2           F3
     M1           M2           M3
    281     .000000     45.422177    373.695294
 .000000     .000000     .000000
    282     .000000    -40.323199     1300.615
 .000000     .000000     .000000
    283     .000000    -15.599380     1119.006
 .000000     .000000     .000000
    284     4.634641    -15.904342     1118.901
 .000000     .000000     .000000
    285     .000000    -19.072108     1298.481
 .000000     .000000     .000000
    286     .000000     54.053822    373.024756
 .000000     .000000     .000000
    287     .000000    -43.093686    447.526187
 .000000     .000000     .000000
    288     .000000     36.286042     1468.184
 .000000     .000000     .000000
    289     .000000     17.357352     1290.363
 .000000     .000000     .000000
    290    -0.737144     16.986939     1290.302
 .000000     .000000     .000000
    291     .000000     15.714669     1473.641
 .000000     .000000     .000000
    292     .000000    -51.943389    449.565118
 .000000     .000000     .000000
    293     .000000     .000000    339.136210
 .000000     .000000     .000000
    294     .000000     .000000     1302.307
 .000000     .000000     .000000
    295     .000000     .000000     1117.805
 .000000     .000000     .000000
    296    -0.211529     .000000     1117.847
 .000000     .000000     .000000
    297     .000000     .000000     1298.914
 .000000     .000000     .000000
    298     .000000     .000000    337.832502
 .000000     .000000     .000000

 LOAD   CONC --------------------

  JOINT          F1           F2           F3
     M1           M2           M3
    281     .000000    135.943800    981.328136
 .000000     .000000     .000000
    282     .000000    -59.258504     2897.762
 .000000     .000000     .000000
    283     .000000     1.146820     2447.882
 .000000     .000000     .000000
    284     9.017098     0.681890     2447.646
 .000000     .000000     .000000
    285     .000000    -5.126717     2892.312
 .000000     .000000     .000000
    286     .000000    157.849396    979.563319
 .000000     .000000     .000000
    287     .000000   -130.345635     1082.519
 .000000     .000000     .000000
    288     .000000     49.517786     3158.425
 .000000     .000000     .000000
    289     .000000     3.057566     2725.602
 .000000     .000000     .000000
    290    -1.548799     1.905667     2725.571
 .000000     .000000     .000000
    291     .000000    -3.106448     3172.381
 .000000     .000000     .000000
    292     .000000   -152.689387     1087.748
 .000000     .000000     .000000
    293     .000000     .000000    818.326011
 .000000     .000000     .000000
    294     .000000     .000000     2705.786
 .000000     .000000     .000000
    295     .000000     .000000     2263.164
 .000000     .000000     .000000
    296    -0.184264     .000000     2263.234
 .000000     .000000     .000000
    297     .000000     .000000     2697.091
 .000000     .000000     .000000
    298     .000000     .000000    815.015944
 .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              16

G L O B A L   F O R C E   B A L A N C E

 TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

 LOAD   STEEL --------------------

          FX           FY           FZ
      MX           MY           MZ
 APPLIED     2.60E-16     7.88E-15    -17517.146
  4015.301     2.2526E+06    -1.19E-12
 REACTNS              2.16E-09     -2.45E-10
 17517.146          -4015.301     -2.2526E+06
-3.93E-09

   TOTAL     2.16E-09    -2.45E-10     2.80E-10
 1.64E-09    -1.96E-08    -3.94E-09

 LOAD   CONC --------------------

          FX           FY           FZ
      MX           MY           MZ
 APPLIED     2.43E-30     1.28E-28    -38161.358
  8354.807    4.9074E+06     1.98E-26
 REACTNS              6.69E-09     -6.99E-10
 38161.358          -8354.807     -4.9074E+06
-1.37E-07

   TOTAL     6.69E-09    -6.99E-10     5.02E-10
  3.62E-09    -5.22E-08    -1.37E-07
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              17

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        1 ================== LENGTH
=     2.768596

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -8.120618   -371.874143     9.604293
-25.510736     7.028489    -6.167826
  0.25000    -8.120618   -361.346296     9.604293
-25.510736     0.380887    247.586231
  0.50000    -8.120618   -350.729335     9.604293
-25.510736    -6.266716    494.022608
  0.75000    -8.120618   -340.023260     9.604293
-25.510736   -12.914319    733.079626
  1.00000    -8.120618   -329.228071     9.604293
-25.510736   -19.561921    964.695603

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -22.748906   -962.121568    29.311222
-163.752688    17.226037   -18.110664
  0.25000   -22.748906   -931.685697    29.311222
-158.092985    -3.061697   637.287789
  0.50000   -22.748906   -901.249827    29.311222
-152.433282   -23.349432    1271.620
  0.75000   -22.748906   -870.813957    29.311222
-146.773579   -43.637166    1884.886
  1.00000   -22.748906   -840.378086    29.311222
-141.113876   -63.924901    2477.086

 ELEM        2 ================== LENGTH
=     4.987313

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -11.427531   -321.422712    -3.919204
-18.619668   -11.781317    964.313213
  0.25000   -11.427531   -301.896135    -3.919204
-18.619668    -6.894743    1352.899
  0.50000   -11.427531   -282.369558    -3.919204
-18.619668    -2.008168    1717.138
  0.75000   -11.427531   -262.842982    -3.919204
-18.619668     1.797846    2057.032
  1.00000   -11.427531   -243.316405    -3.919204
-18.619668     7.764981    2372.579

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -30.793165   -815.305407   -11.890298
-166.837402   -44.987207    2476.549
  0.25000   -30.793165   -760.478630   -11.890298
-156.642087   -30.162047    3458.915
  0.50000   -30.793165   -705.651852   -11.890298
-146.446773   -15.336887    4372.921
  0.75000   -30.793165   -650.825074   -11.890298
-136.251459    -0.511728    5218.568
  1.00000   -30.793165   -595.998297   -11.890298
-126.056144    14.313432    5995.855

 ELEM        3 ================== LENGTH
=     4.987261

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -13.732129   -230.122263    -2.666346
-18.758170    11.330666    2372.339
  0.25000   -13.732129   -210.314579    -2.666346
-18.758170    16.655107    2646.969
  0.50000   -13.732129   -189.944269    -2.666346
-18.758170    19.979548    2896.552
  0.75000   -13.732129   -169.011333    -2.666346
-18.758170    23.303989    3120.386
  1.00000   -13.732129   -147.515773    -2.666346
-18.758170    26.628430    3317.770
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              18

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -36.281677   -566.092433    -8.160160
-143.176752    27.553510    5995.738
  0.25000   -36.281677   -511.266230    -8.160160
-132.981545    37.727721    6667.372
  0.50000   -36.281677   -456.440028    -8.160160
-122.786337    47.901933    7270.647
  0.75000   -36.281677   -401.613826    -8.160160
-112.591130    58.076144    7805.565
  1.00000   -36.281677   -346.787624    -8.160160
-102.395922    68.250355    8272.124

 ELEM        4 ================== LENGTH
=     4.987335

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -15.311535   -133.492058    -0.384755
-13.928178    30.446455    3317.626
  0.25000   -15.311535   -111.714859    -0.384755
-13.928178    30.926181    3470.492
  0.50000   -15.311535    -89.937659    -0.384755
-13.928178    31.405906    3596.206
  0.75000   -15.311535    -68.160459    -0.384755
-13.928178    31.885632    3694.767
  1.00000   -15.311535    -46.383259    -0.384755
-13.928178    32.365357    3766.175

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -39.936990   -317.621500    -1.374524
-99.286761    77.085423    8272.112
  0.25000   -39.936990   -262.794475    -1.374524
-89.091401    78.799226    8633.953
  0.50000   -39.936990   -207.967451    -1.374524
-78.896041    80.513029    8927.434
  0.75000   -39.936990   -153.140426    -1.374524
-68.700680    82.226831    9152.555
  1.00000   -39.936990    -98.313402    -1.374524
-58.505320    83.940634    9309.315

 ELEM        5 ================== LENGTH
=     4.988640

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -16.060607   -33.301275     0.650620
-3.660877    34.191828    3766.110
  0.25000   -16.060607   -11.518378     0.650620
-3.660877    33.380400    3794.059
  0.50000   -16.060607    10.264518     0.650620
-3.660877    32.568972    3794.840
  0.75000   -16.060607    32.047415     0.650620
-3.660877    31.757544    3768.456
  1.00000   -16.060607    53.830312     0.650620
-3.660877    30.946116    3714.904

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -41.552491   -72.024667     1.569136
-40.234803    87.589023    9309.323
  0.25000   -41.552491   -17.183300     1.569136
-30.036775    85.933159    9364.951
  0.50000   -41.552491    37.658068     1.569136
-19.838748    83.976195    9352.183
  0.75000   -41.552491    92.499436     1.569136
-9.640720     82.019232    9271.020
  1.00000   -41.552491   147.340804     1.569136
  0.557307    80.062268    9121.460
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              19

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        6 ================== LENGTH
=     4.986975

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -15.933710    66.754168     1.079830
  7.466396    30.658205    3714.909
  0.25000   -15.933710    88.529796     1.079830
  7.466396    29.311933    3618.109
  0.50000   -15.933710   110.305424     1.079830
  7.466396    27.965661    3494.161
  0.75000   -15.933710   132.081052     1.079830
  7.466396    26.619389    3343.064
  1.00000   -15.933710   153.856681     1.079830
  7.466396    25.273117    3164.818

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -41.039260   173.492857     2.707042
 19.845255    78.873721    9121.471
  0.25000   -41.039260   228.315935     2.707042
 30.039879    75.498732    8870.994
  0.50000   -41.039260   283.139002     2.707042
 40.234504    72.123744    8552.168
  0.75000   -41.039260   337.962070     2.707042
 50.429128    68.748755    8164.991
  1.00000   -41.039260   392.785138     2.707042
 60.623753    65.373767    7709.463

 ELEM        7 ================== LENGTH
=     4.987426

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -14.991307   166.947768     1.230106
 14.591706    23.013388    3164.897
  0.25000   -14.991307   188.753564     1.230106
 14.591706    21.479622    2943.161
  0.50000   -14.991307   210.502959     1.230106
 14.591706    19.945857    2694.270
  0.75000   -14.991307   232.280555     1.230106
 14.591706    18.412091    2418.227
  1.00000   -14.991307   254.058151     1.230106
 14.591706    16.878325    2115.029

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -38.558772   420.142978     3.287919
 67.027759    59.426803    7709.494
  0.25000   -38.558772   474.970299     3.287919
 77.223305    55.328839    7151.456
  0.50000   -38.558772   529.798319     3.287919
 87.418850    51.229275    6525.055
  0.75000   -38.558772   584.626340     3.287919
 97.614396    47.129712    5830.291
  1.00000   -38.558772   639.454361     3.287919
107.809942    43.030148    5067.164

 ELEM        8 ================== LENGTH
=     4.988004

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -13.419119   267.299384     1.013978
 14.120532    13.090726    2115.186
  0.25000   -13.419119   289.501456     1.013978
 14.120532    11.882294    1768.108
  0.50000   -13.419119   312.547435     1.013978
 14.120532    10.561863    1392.818
  0.75000   -13.419119   336.437323     1.013978
 14.120532     9.297432    988.263836
  1.00000   -13.419119   361.171118     1.013978
 14.120532     8.033001    553.392355
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              20

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -34.574767   668.608149     3.341617
 90.405616    33.440973    5067.249
  0.25000   -34.574767   723.442520     3.341617
100.602343    29.273974    4199.305
  0.50000   -34.574767   778.276891     3.341617
110.799069    25.106975    3262.982
  0.75000   -34.574767   833.111261     3.341617
120.995796    20.939976    2258.281
  1.00000   -34.574767   887.945632     3.341617
131.192522    16.772976    1185.201

 ELEM        9 ================== LENGTH
=     4.987712

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -11.563912   373.879167     0.705579
  4.693227     3.553370   553.615453
  0.25000   -11.563912   399.314629     0.705579
  4.693227     2.673564    71.615372
  0.50000   -11.563912   425.312455     0.705579
  4.693227     1.793758   -442.451514
  0.75000   -11.563912   451.872646     0.705579
  4.693227     0.913951   -989.286432
  1.00000   -11.563912   478.995202     0.705579
  4.693227     0.034145    -1569.591

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -29.930673   919.183833     3.137234
 80.767733     5.576714    1185.349
  0.25000   -29.930673   974.015000     3.137234
 90.963864     1.664810    5.007616

  0.50000   -29.930673    1028.846     3.137234
101.159995    -2.247095   -1243.704
  0.75000   -29.930673    1083.677     3.137234
111.356125    -6.159000   -2560.787
  1.00000   -29.930673    1138.509     3.137234
121.552256   -10.070904   -3946.240

 ELEM       10 ================== LENGTH
=     4.987631

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -9.843454   487.209361     2.922365
 -6.235771    -4.118514   -1569.338
  0.25000    -9.843454   515.034574     2.922365
 -6.235771    -7.762433   -2194.103
  0.50000    -9.843454   543.703631     2.922365
 -6.235771   -11.406352   -2854.090
  0.75000    -9.843454   573.216534     2.922365
 -6.235771   -15.050271   -3550.350
  1.00000    -9.843454   603.573281     2.922365
 -6.235771   -18.694190   -4283.937

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -25.615018    1165.704     6.230220
 47.647540    -20.475665   -3946.022
  0.25000   -25.615018    1220.535     6.230220
 57.843504    -28.244174   -5383.732
  0.50000   -25.615018    1275.365     6.230220
 68.039468    -36.012683   -6989.810
  0.75000   -25.615018    1330.195     6.230220
 78.235433    -43.781192   -8614.256
  1.00000   -25.615018    1385.025     6.230220
 88.431397    -51.549701   -10307.071
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              21

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       11 ================== LENGTH
=     3.491086

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -8.535485   602.193935    13.143909
 -6.223201    -21.746310   -4283.720
  0.25000    -8.535485   624.112394    13.143909
 -6.223201    -33.217940   -4818.808
  0.50000    -8.535485   646.780781    13.143909
 -6.223201    -44.689570   -5373.353
  0.75000    -8.535485   670.199098    13.143909
 -6.223201    -56.161200   -5948.010
  1.00000    -8.535485   694.367343    13.143909
 -6.223201    -67.632830   -6543.433

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -22.276195    1394.964    20.390563
 24.207286    -59.388427   -10306.858
  0.25000   -22.276195    1433.342    20.390563
 31.763939    -77.184732   -11541.090
  0.50000   -22.276195    1471.721    20.390563
 38.900592    -94.981036   -12808.818
  0.75000   -22.276195    1510.099    20.390563
 46.037246   -112.777341   -14110.042
  1.00000   -22.276195    1548.477    20.390563
 53.173899   -130.573645   -15444.761

 ELEM       12 ================== LENGTH
=     3.491148

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -3.348137  -610.806010   -12.246552
 45.165338    -69.472967    -6538.113
  0.25000    -3.348137  -586.637335   -12.246552
 45.165338    -58.784335    -6015.611
  0.50000    -3.348137  -563.218603   -12.246552
 45.165338    -48.095702    -5513.876
  0.75000    -3.348137  -540.549813   -12.246552
 45.165338    -37.407070    -5032.253
  1.00000    -3.348137  -518.630965   -12.246552
 45.165338    -26.718437    -4570.088

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -13.734148   -1347.799   -18.360366
 69.481829   -135.430850    -15436.922
  0.25000   -13.734148   -1309.420   -18.360366
 76.618609   -119.406160    -14277.329
  0.50000   -13.734148   -1271.041   -18.360366
 83.755389   -103.381470    -13151.232
  0.75000   -13.734148   -1232.662   -18.360366
 90.892169    -87.356780    -12058.632
  1.00000   -13.734148   -1194.283   -18.360366
 98.028949    -71.332090    -10999.529

 ELEM       13 ================== LENGTH
=     4.987936

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -3.183115  -519.771219    -2.225428
 43.678987    -27.157316    -4570.260
  0.25000    -3.183115  -489.412614    -2.225428
 43.678987    -24.382242    -3941.130
  0.50000    -3.183115  -459.897905    -2.225428
 43.678987    -21.607169    -3349.330
  0.75000    -3.183115  -431.227093    -2.225428
 43.678987    -18.832095    -2793.809
  1.00000    -3.183115  -403.400177    -2.225428
 43.678987    -16.057021    -2273.513
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              22

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD   CONC --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000   -13.189727    -1183.189    -4.690507
 28.809801    -72.704251    -10999.700
  0.25000   -13.189727    -1128.356    -4.690507
 39.006389    -66.855263    -9558.471
  0.50000   -13.189727    -1073.522    -4.690507
 49.202977    -61.006275    -8185.617
  0.75000   -13.189727    -1018.688    -4.690507
 59.399565    -55.157288    -6881.141
  1.00000   -13.189727    -963.854811    -4.690507
 69.596154    -49.308300    -5645.041

 ELEM       14 ================== LENGTH
=     4.988128

 LOAD   STEEL --------------------

 REL DIST           P           V2           V3
        T           M2           M3
  0.00000    -3.576611  -395.173909    -0.044480
 27.865468    -15.104846    -2273.756
  0.25000    -3.576611  -368.049094    -0.044480
 27.865468    -15.049378    -1797.932
  0.50000    -3.576611  -341.486691    -0.044480
 27.865468    -14.993911    -1355.584
  0.75000    -3.576611  -315.486698    -0.044480
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 27.865468  -14.938443 -946.009025
 1.00000    -3.576611 -290.049118     -0.044480
 27.865468  -14.882975 -568.506222

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.995965 -936.195999     -1.665363
-17.595924  -47.368003   5645.277
 0.25000  -13.995965 -881.360264     -1.665363
 -7.398944  -45.791242   5517.002
 0.50000  -13.995965 -826.524529     -1.665363
  2.798036  -43.214481   3447.108
 0.75000  -13.995965 -771.688794     -1.665363
 12.995016  -41.137721   2450.597
 1.00000  -13.995965 -716.853059     -1.665363
 23.191996  -39.060960   1522.467

 ELEM       15 ================== LENGTH
=     4.987643

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.215674 -277.385802     -0.391223
 12.271672  -13.334165  -568.693717
 0.25000   -4.215674 -252.747625     -0.391223
 12.271672  -12.846344  -238.286357
 0.50000   -4.215674 -229.140954     -0.391223
 12.271672  -12.358523   62.042492
 0.75000   -4.215674 -205.565790     -0.391223
 12.271672  -11.870702   333.579027
 1.00000   -4.215674 -185.022133     -0.391223
 12.271672  -11.382881   577.609446

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.396488 -685.438127     -1.948175
-43.120584  -35.677863   1522.634
 0.25000  -15.396488 -630.607720     -1.948175
-32.924595  -33.248662  -702.138065
 0.50000  -15.396488 -575.777312     -1.948175
-22.728605  -30.819462   49.989186
 0.75000  -15.396488 -520.946904     -1.948175
-12.532616  -28.390262   733.747811
 1.00000  -15.396488 -466.116496     -1.948175
 -2.336626  -25.961061   1349.138
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        23

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       16 ================== LENGTH
=     4.987093

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.778813 -171.524102     -0.662283
  2.422212  -10.023484   577.485419
 0.25000   -4.778813 -150.498518     -0.662283
  2.422212   -9.197768   778.230015
 0.50000   -4.778813 -129.472934     -0.662283
  2.422212   -8.372051   952.760475
 0.75000   -4.778813 -108.447349     -0.662283
  2.422212   -7.546335   1101.077
 1.00000   -4.778813  -87.421765     -0.662283
  2.422212   -6.720618   1223.179

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.638312 -436.133894     -1.990725
-43.420607  -22.969665   1349.062
 0.25000  -16.638312 -381.309534     -1.990725
-33.225742  -20.487842   1158.645
 0.50000  -16.638312 -326.485173     -1.990725
-23.030877  -18.005700   2299.875
 0.75000  -16.638312 -271.660813     -1.990725
-12.836012  -15.523718   2672.751
 1.00000  -16.638312 -216.836452     -1.990725
 -2.641147  -13.041735   2977.274

 ELEM       17 ================== LENGTH
=     4.987729

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.024604  -74.207444     -0.577548
 -2.212187   -6.132477   1223.144
 0.25000   -5.024604  -53.179178     -0.577548
 -2.212187   -5.412314   1302.565
 0.50000   -5.024604  -32.150912     -0.577548
 -2.212187   -4.692151   1358.766
 0.75000   -5.024604  -11.122646     -0.577548
 -2.212187   -3.971987   1382.745
 1.00000   -5.024604    9.905620     -0.577548
 -2.212187   -3.251824   1383.504

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.134971 -188.710803     -1.466872
-26.859702  -11.856442   2977.279
 0.25000  -17.134971 -133.879449     -1.466872
-16.663536  -10.027352   3178.403
 0.50000  -17.134971  -79.048096     -1.466872
 -6.467371   -8.198263   3311.157
 0.75000  -17.134971  -24.216743     -1.466872
  3.728794   -6.369173   3375.539
 1.00000  -17.134971   30.614611     -1.466872
 13.924960   -4.540084   3371.550

 ELEM       18 ================== LENGTH
=     4.987492

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.850436   23.116321     -0.399230
 -5.913074   -3.679345   1383.550
 0.25000   -4.850436   44.143589     -0.399230
 -5.913074   -3.181556   1341.618
 0.50000   -4.850436   65.170857     -0.399230
 -5.913074   -2.683767   1273.468
 0.75000   -4.850436   86.198125     -0.399230
 -5.913074   -2.185978   1179.099
 1.00000   -4.850436  107.225392     -0.399230
 -5.913074   -1.688189   1058.511
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        24

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.633601   58.668539     -0.718020
 -7.720067   -5.766267   3371.609
 0.25000  -16.633601  113.497289     -0.718020
  2.475614   -4.870988   3264.275
 0.50000  -16.633601  168.326039     -0.718020
 12.671295   -3.975708   3088.576
 0.75000  -16.633601  223.154790     -0.718020
 22.866977   -3.080428   2844.513
 1.00000  -16.633601  277.983540     -0.718020
 33.062658   -2.185149   2532.085

 ELEM       19 ================== LENGTH
=     4.987423

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.294820  120.569056     -0.370714
-12.957074   -3.039900   1058.636
 0.25000   -4.294820  142.111763     -0.370714
-12.957074   -2.577673   894.981090
 0.50000   -4.294820  164.685931     -0.370714
-12.957074   -2.115447   703.822026
 0.75000   -4.294820  188.291560     -0.370714
-12.957074   -1.653220   483.873189
 1.00000   -4.294820  212.928651     -0.370714
-12.957074   -1.190993   233.848495

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.229637  307.368394     -0.039576
 -0.173074   -5.594389   2532.205
 0.25000  -15.229637  362.196383     -0.039576
 10.022466   -5.545043   2114.780
 0.50000  -15.229637  417.024372     -0.039576
 20.218005   -5.495697   1628.992
 0.75000  -15.229637  471.852361     -0.039576
 30.413545   -5.446352   1074.841
 1.00000  -15.229637  526.680350     -0.039576
 40.609085   -5.397006   452.328248

 ELEM       20 ================== LENGTH
=     4.988395

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.548401  225.621906     -0.479428
-24.035065   -3.006908   234.056249
 0.25000   -3.548401  251.060848     -0.479428
-24.035065   -2.409014   -63.120511
 0.50000   -3.548401  277.062231     -0.479428
-24.035065   -1.811120  -392.372850
 0.75000   -3.548401  303.626056     -0.479428
-24.035065   -1.213226  -754.402191
 1.00000   -3.548401  330.752323     -0.479428
-24.035065   -0.615332   -1149.910

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.382173  557.627716      0.242946
-12.615405   -9.876074  452.534561
 0.25000  -13.382173  612.466385      0.242946
 -2.417879  -10.179052  -277.076831
 0.50000  -13.382173  667.305055      0.242946
  7.779646  -10.482030  -1075.077
 0.75000  -13.382173  722.143724      0.242946
 17.977172  -10.785008  -1941.467
 1.00000  -13.382173  776.982393      0.242946
 28.174698  -11.087986  -2876.246
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        25

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       21 ================== LENGTH
=     4.987567

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.892959  338.952603      0.320558
-31.936477   -2.211860   -1149.680
 0.25000   -2.892959  366.777460      0.320558
-31.936477   -2.611561   -1589.577
 0.50000   -2.892959  395.446152      0.320558
-31.936477   -3.011263   -2064.695
 0.75000   -2.892959  424.958677      0.320558
-31.936477   -3.410964   -2576.085
 1.00000   -2.892959  455.315036      0.320558
-31.936477   -3.810665   -3124.800

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.750203  803.539752     -0.138593
-35.809278  -15.052011   -2875.999
 0.25000  -11.750203  858.369323     -0.138593
-25.613444  -14.879200   -3912.109
 0.50000  -11.750203  913.198895     -0.138593
-15.417610  -14.706390   -5016.586
 0.75000  -11.750203  968.028466     -0.138593
 -5.221776  -14.533580   -6189.429
 1.00000  -11.750203  1022.858      -0.138593
  4.974058  -14.360769   -7430.639

 ELEM       22 ================== LENGTH
=     3.491348

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.604601  454.014070      4.425861
-23.930222   -4.487724   -3124.626
 0.25000   -2.604601  475.934170      4.425861
-23.930222   -8.350779   -3530.418
 0.50000   -2.604601  498.604254      4.425861
-23.930222  -12.213833   -3955.670
 0.75000   -2.604601  522.024324      4.425861
-23.930222  -16.076888   -4401.036
 1.00000   -2.604601  546.194379      4.425861
-23.930222  -19.939943   -4867.172

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.983226  1032.022     -0.950381
-35.558543  -16.198929   -7430.470
 0.25000  -10.983226  1070.403     -0.950381
-28.421356  -15.369401   -8348.007
 0.50000  -10.983226  1108.784     -0.950381
-21.284168  -14.539873   -9299.044
 0.75000  -10.983226  1147.165     -0.950381
-14.146981  -13.710345   -10283.582
 1.00000  -10.983226  1185.547     -0.950381
 -7.009793  -12.880817   -11301.621

 ELEM       23 ================== LENGTH
=     3.491011

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.390056 -578.093468     -5.096419
  8.835528  -19.497199   -4866.685
 0.25000   -2.390056 -553.925746     -5.096419
  8.835528  -15.049286   -4372.753
 0.50000   -2.390056 -530.507937     -5.096419
  8.835528  -10.601372   -3899.586
 0.75000   -2.390056 -507.840041     -5.096419
  8.835528   -6.153459   -3446.530
 1.00000   -2.390056 -485.922057     -5.096419
  8.835528   -1.705545   -3012.931
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        26

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.409569  -1264.022     -0.752814
-31.182687  -11.956375  -11301.641
 0.25000  -11.409569   -1225.644     -0.752814
-24.046189  -11.299354  -10215.209
 0.50000  -11.409569   -1187.267     -0.752814
-16.909690  -10.642333   -9162.272
 0.75000  -11.409569   -1148.889     -0.752814
 -9.773191   -9.985313   -8142.829
 1.00000  -11.409569   -1110.512     -0.752814
 -2.636693   -9.328292   -7156.880

 ELEM       24 ================== LENGTH
=     4.988003

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.031649 -487.383909     -0.947560
 18.679918   -3.031321   3013.087
 0.25000   -3.031649 -457.024900     -0.947560
 18.679918    0.988287   -2424.336
 0.50000   -3.031649 -427.509798     -0.947560
 18.679918    2.169894   -1872.916
 0.75000   -3.031649 -398.838603     -0.947560
 18.679918    3.351501   -1357.775
 1.00000   -3.031649 -371.011317     -0.947560
 18.679918    4.533109   -877.860808

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.914535  -1101.678     -1.468748
-38.883442   -5.747336   -7157.007
 0.25000  -12.914535  -1046.844     -1.468748
-28.686718   -3.915807   -5817.402
 0.50000  -12.914535  -992.009776     -1.468748
-18.489993   -2.084278   -4546.176
 0.75000  -12.914535  -937.175417     -1.468748
 -8.293269   -0.252748   -3343.328
 1.00000  -12.914535  -882.341059     -1.468748
  1.903455    1.578781   -2208.859

 ELEM       25 ================== LENGTH
=     4.987564

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.000661 -362.887232     -0.138915
 12.201564    6.881307  -878.078793
 0.25000   -4.000661 -335.765483     -0.138915
 12.201564    7.054519  -442.565340
 0.50000   -4.000661 -309.206081     -0.138915
 12.201564    7.227730   -40.519158
 0.75000   -4.000661 -283.209028     -0.138915
 12.201564    7.400942   328.760939
 1.00000   -4.000661 -257.774322     -0.138915
 12.201564    7.574154   665.976137

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.195810  -855.937313     -1.823608
-58.665433    7.097724   -2209.050
 0.25000  -15.195810  -801.107776     -1.823608
-48.469606    9.371564   -1175.973
 0.50000  -15.195810  -746.278239     -1.823608
-38.273778   11.645404  -211.261982
 0.75000  -15.195810  -691.448702     -1.823608
-28.077951   13.919245   685.082937
 1.00000  -15.195810  -636.619164     -1.823608
-17.882123   16.193085   1513.060
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        27

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       26 ================== LENGTH
=     4.987251

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.027812 -245.052154     -0.239437
  3.314926   10.061600  665.787389
 0.25000   -5.027812 -220.415915     -0.239437
  3.314926   10.360132  955.855963
 0.50000   -5.027812 -196.811102     -0.239437
  3.314926   10.658665   1215.851
 0.75000   -5.027812 -174.237714     -0.239437
  3.314926   10.957198   1447.058
 1.00000   -5.027812 -152.695753     -0.239437
  3.314926   11.255730   1650.763

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.611964  -605.595712     -1.521021
-65.656387   22.030424   1512.916
 0.25000  -17.611964  -550.769619     -1.521021
-55.461200   23.926852   2233.801
 0.50000  -17.611964  -495.943526     -1.521021
-45.266012   25.823280   2886.329
 0.75000  -17.611964  -441.117433     -1.521021
-35.070825   27.719707   3470.498
 1.00000  -17.611964  -386.291340     -1.521021
-24.875638   29.616135   3986.310

 ELEM       27 ================== LENGTH
=     4.988063

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.794519 -139.422543     -0.197626
 -0.287100   13.111269   1650.643
 0.25000   -5.794519 -118.392871     -0.197626
 -0.287100   13.358112   1811.393
 0.50000   -5.794519  -97.363199     -0.197626
 -0.287100   13.604554   1945.918
 0.75000   -5.794519  -76.333527     -0.197626
 -0.287100   13.850997   2054.220
 1.00000   -5.794519  -55.303855     -0.197626
 -0.287100   14.097439   2136.297

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.414612  -357.090412     -0.809404
-49.538645   33.973971   3986.230
 0.25000  -19.414612  -302.258592     -0.809404
-39.341798   34.983311   4397.342
 0.50000  -19.414612  -247.423573     -0.809404
-29.144951   35.992651   4740.073
 0.75000  -19.414612  -192.588553     -0.809404
-18.948103   37.001991   5014.424
 1.00000  -19.414612  -137.753533     -0.809404
 -8.751256   38.011331   5220.395

 ELEM       28 ================== LENGTH
=     4.987000

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.070791  -42.076796      0.035342
 -0.100238   14.765668   2136.256
 0.25000   -6.070791  -21.051604      0.035342
 -0.100238   14.721606   2175.609
 0.50000   -6.070791   -0.026412      0.035342
 -0.100238   14.677543   2188.748
 0.75000   -6.070791   20.998780      0.035342
 -0.100238   14.633481   2175.675
 1.00000   -6.070791   42.023972      0.035342
 -0.100238   14.589418   2136.388
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        28

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -20.047091 -109.695106      0.071044
-20.594957   39.539715   5220.371
 0.25000  -20.047091  -54.871769      0.071044
-10.400282   39.451141   5322.958
 0.50000  -20.047091   -0.048431      0.071044
 -0.205607   39.362567   5357.194
 0.75000  -20.047091   54.774907      0.071044
  9.989068   39.273993   5323.079
 1.00000  -20.047091  109.598245      0.071044
 20.183742   39.185419   5220.613

 ELEM       29 ================== LENGTH
=     4.988063

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.786014   55.246883      0.267399
  0.102763   13.902588   2136.430
 0.25000   -5.786014   76.276555      0.267399
  0.102763   13.569138   2054.425
 0.50000   -5.786014   97.306227      0.267399
  0.102763   13.235687   1946.194
 0.75000   -5.786014  118.335899      0.267399
  0.102763   12.902236   1811.740
 1.00000   -5.786014  139.365572      0.267399
  0.102763   12.568786   1651.061

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.335242  137.648025      0.950348
  8.375098   37.469400   5356.981149
 0.25000  -19.335242  192.483045      0.950348
 18.571945   36.284361   5014.810
 0.50000  -19.335242  247.318065      0.950348
 28.768792   35.099263   4740.591
 0.75000  -19.335242  302.153084      0.950348
 38.965639   33.914164   4397.991
 1.00000  -19.335242  356.988104      0.950348
 49.162486   32.729066   3987.011

 ELEM       30 ================== LENGTH
=     4.987251

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.008318  152.623127      0.307508
 -3.441637   10.688318   1651.183
 0.25000   -5.008318  174.165089      0.307508
 -3.441637   10.304914   1447.569
 0.50000   -5.008318  196.738476      0.307508
 -3.441637    9.921509   1216.452
 0.75000   -5.008318  220.343289      0.307508
 -3.441637    9.538105   956.547825
 1.00000   -5.008318  244.979528      0.307508
 -3.441637    9.154700   666.569801

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.447298  386.152178      1.660840
 24.627207   28.169490   3987.105
 0.25000  -17.447298  440.978271      1.660840
 34.822394   26.098734   3471.467
 0.50000  -17.447298  495.804364      1.660840
 45.017581   24.027978   2887.470
 0.75000  -17.447298  550.630457      1.660840
 55.212768   21.957222   2235.116
 1.00000  -17.447298  605.456550      1.660840
 65.407955   19.886466   1514.404
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                        29

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       31 ================== LENGTH
=     4.987564

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.965388  257.659845      0.209543
 -12.186489   6.631339  666.760968
 0.25000   -3.965388  283.094513      0.209543
 -12.186489   6.370062  329.688509
 0.50000   -3.965388  309.091605      0.209543
 -12.186489   6.108785  -39.448848
 0.75000   -3.965388  335.651006      0.209543
 -12.186489   5.847508  -441.352289
 1.00000   -3.965388  362.772755      0.209543
 -12.186489   5.586231  -876.723002

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.934370  636.386164      1.971428
 17.957964   13.820054   1514.563
 0.25000  -14.934370  691.215702      1.971428
 28.153792   11.361898   686.875705
 0.50000  -14.934370  746.045239      1.971428
 38.349619    8.903742  -209.178149
 0.75000  -14.934370  800.874776      1.971428
 48.545447    6.445586  -1173.598
 1.00000  -14.934370  855.704313      1.971428
 58.741274    3.987430   -2206.385

 ELEM       32 ================== LENGTH
=     4.988003

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.973771  370.812036      1.033509
 -18.390042   3.185975  -876.502678
 0.25000   -2.973771  398.639322      1.033509
 -18.390042   1.897189   -1356.168
 0.50000   -2.973771  427.310516      1.033509
 -18.390042   0.608402   -1871.060
 0.75000   -2.973771  456.825618      1.033509
 -18.390042   -0.680385   -2422.232
 1.00000   -2.973771  487.184628      1.033509
 -18.390042   -1.969171   -3010.735

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.540312  881.911887      1.632992
 -1.177358   -1.798833   -2206.181
 0.25000  -12.540312  936.746245      1.632992
  9.019366   -3.835175   -3340.114
 0.50000  -12.540312  991.580604      1.632992
 19.216090   -5.871518   -4542.427
 0.75000  -12.540312   1046.415      1.632992
 29.412814   -7.907860   -5813.118
 1.00000  -12.540312   1101.249      1.632992
 39.609538   -9.944203   -7152.187

 ELEM       33 ================== LENGTH
=     3.491011

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.298853  485.627600      5.212348
```

-8.235401 -3.557977 -3010.576
0.25000 -2.298853 507.545583 5.212348
-8.235401 -8.107068 -3443.918
0.50000 -2.298853 530.213480 5.212348
-8.235401 -12.656159 -3896.717
0.75000 -2.298853 553.631289 5.212348
-8.235401 -17.205249 -4369.627
1.00000 -2.298853 577.799011 5.212348
-8.235401 -21.754340 -4863.302
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -10.892889 1109.857 0.917894
4.132554 -13.856893 -7152.044
0.25000 -10.892889 1148.235 0.917894
11.269052 -14.659987 -8137.422
0.50000 -10.892889 1186.612 0.917894
18.405551 -15.461081 -9156.295
0.75000 -10.892889 1224.990 0.917894
25.542050 -16.262175 -10208.661
1.00000 -10.892889 1263.368 0.917894
32.678549 -17.063269 -11294.521

ELEM 34 ========== LENGTH = 3.491348

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -6.699546 -546.364902 -4.589311
24.877246 -22.296062 -4868.861
0.25000 -6.699546 -522.194847 -4.589311
24.877246 -18.290341 -4402.576
0.50000 -6.699546 -498.774777 -4.589311
24.877246 -14.284621 -3957.061
0.75000 -6.699546 -476.104693 -4.589311
24.877246 -10.278901 -3531.660
1.00000 -6.699546 -454.184593 -4.589311
24.877246 -6.273181 -3125.719

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -19.344620 -1185.929 0.616774
9.085267 -18.381087 -11305.341
0.25000 -19.344620 -1147.548 0.616774
16.222455 -18.919430 -10286.968
0.50000 -19.344620 -1109.167 0.616774
23.359643 -19.457773 -9302.097
0.75000 -19.344620 -1070.785 0.616774
30.496830 -19.996116 -8350.725
1.00000 -19.344620 -1032.404 0.616774
37.634018 -20.534459 -7432.855

ELEM 35 ========== LENGTH = 4.987567

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -6.944744 -455.407496 -0.459112
32.685660 -5.698497 -3125.891
0.25000 -6.944744 -425.051137 -0.459112
32.685660 -5.126034 -2577.060
0.50000 -6.944744 -395.538612 -0.459112
32.685660 -4.553571 -2065.555
0.75000 -6.944744 -366.869921 -0.459112
32.685660 -3.981107 -1590.322
1.00000 -6.944744 -339.045064 -0.459112
32.685660 -3.408644 -1150.310

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -19.945402 -1023.065 -0.215852
-3.289454 -19.091694 -7433.008
0.25000 -19.945402 -968.235307 -0.215852
6.906380 -18.822550 -6191.540
0.50000 -19.945402 -913.405736 -0.215852
17.102214 -18.553406 -5018.439
0.75000 -19.945402 -858.576164 -0.215852
27.298048 -18.284262 -3913.704
1.00000 -19.945402 -803.746593 -0.215852
37.493882 -18.015118 -2877.336
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 36 ========== LENGTH = 4.988395

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.557103 -330.786919 0.356957
24.668049 -1.916083 -1150.537
0.25000 -7.557103 -303.660653 0.356957
24.668049 -2.361244 -754.995709
0.50000 -7.557103 -277.096828 0.356957
24.668049 -2.806405 -392.913224
0.75000 -7.557103 -251.095444 0.356957
24.668049 -3.251565 -63.617739
1.00000 -7.557103 -225.656502 0.356957
24.668049 -3.696726 233.602166

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -21.413481 -777.059548 -0.575802
-26.708030 -14.447787 -2877.568
0.25000 -21.413481 -722.220878 -0.575802
-16.510504 -13.729704 -1942.692
0.50000 -21.413481 -667.382209 -0.575802
-6.312978 -13.011622 -1076.206
0.75000 -21.413481 -612.543540 -0.575802
3.884547 -12.293540 -278.109355
1.00000 -21.413481 -557.704870 -0.575802
14.082073 -11.575458 451.598256

ELEM 37 ========== LENGTH = 4.987423

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.260271 -212.935057 0.254068
13.596086 -1.985559 233.397363
0.25000 -8.260271 -188.297966 0.254068
13.596086 -2.302345 483.430045
0.50000 -8.260271 -164.692337 0.254068
13.596086 -2.619132 703.386870
0.75000 -8.260271 -142.118169 0.254068
13.596086 -2.935918 894.553921
1.00000 -8.260271 -120.575463 0.254068
13.596086 -3.252704 1058.217

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -23.093945 -526.696255 -0.279444
-39.079673 -7.501257 451.408369
0.25000 -23.093945 -471.868266 -0.279444
-28.884133 -7.152830 1073.941
0.50000 -23.093945 -417.040278 -0.279444
-18.688594 -6.804403 1628.112
0.75000 -23.093945 -362.212289 -0.279444
-8.493054 -6.455976 2113.919
1.00000 -23.093945 -307.384300 -0.279444
1.702485 -6.107549 2531.365

ELEM 38 ========== LENGTH = 4.987492

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.775541 -107.220181 0.281030
6.662475 -1.999157 1058.095
0.25000 -8.775541 -86.192742 0.281030
6.662475 -2.349566 1178.675
0.50000 -8.775541 -65.165474 0.281030
6.662475 -2.699974 1273.037
0.75000 -8.775541 -44.138206 0.281030
6.662475 -3.050383 1341.181
1.00000 -8.775541 -23.110939 0.281030
6.662475 -3.400792 1383.107
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -24.335109 -277.974918 0.394308
-31.224150 -3.093785 2531.260
0.25000 -24.335109 -223.146167 0.394308
-21.028468 -3.585437 2843.677
0.50000 -24.335109 -168.317417 0.394308
-10.832787 -4.077089 3087.729
0.75000 -24.335109 -113.488667 0.394308
-0.637106 -4.568741 3263.418
1.00000 -24.335109 -58.659916 0.394308
9.558575 -5.060393 3370.741

ELEM 39 ========== LENGTH = 4.987729

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.915585 -9.896402 0.471570
3.183483 -3.057049 1383.061
0.25000 -8.915585 11.131864 0.471570
3.183483 -3.645064 1382.291
0.50000 -8.915585 32.160130 0.471570
3.183483 -4.233080 1355.300
0.75000 -8.915585 53.188396 0.471570
3.183483 -4.821096 1302.088
1.00000 -8.915585 74.216662 0.471570
3.183483 -5.409111 1222.655

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -24.685632 -30.599421 1.171432
-11.502495 -4.202097 3370.693
0.25000 -24.685632 24.231933 1.171432
-1.306329 -5.662794 3374.663
0.50000 -24.685632 79.063286 1.171432
8.889836 -7.123491 3310.262
0.75000 -24.685632 133.894640 1.171432
19.086001 -8.584188 3177.490
1.00000 -24.685632 188.725993 1.171432
29.282167 -10.044885 2976.347

ELEM 40 ========== LENGTH = 4.987093

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.644499 87.434412 0.638725
-1.097525 -6.059889 1222.688
0.25000 -8.644499 108.459997 0.638725
-1.097525 -6.856234 1100.570
0.50000 -8.644499 129.485581 0.638725
-1.097525 -7.652580 952.238175
0.75000 -8.644499 150.511165 0.638725
-1.097525 -8.448925 777.691947
1.00000 -8.644499 171.536749 0.638725
-1.097525 -9.245270 576.931583

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -24.056590 216.856238 1.901655
5.984583 -11.553659 2976.346
0.25000 -24.056590 271.680598 1.901655
16.179448 -13.924592 2671.799
0.50000 -24.056590 326.504959 1.901655
26.374312 -16.295525 2298.898
0.75000 -24.056590 381.329320 1.901655
36.569177 -18.666458 1857.644
1.00000 -24.056590 436.153680 1.901655
46.764042 -21.037390 1348.036
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 41 ========== LENGTH = 4.987643

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.065682 185.039293 0.607357
-10.401654 -10.642576 577.049366
0.25000 -8.065682 206.582950 0.607357
-10.401654 -11.399896 332.997551
0.50000 -8.065682 229.158114 0.607357
-10.401654 -12.157216 61.439618
0.75000 -8.065682 252.764785 0.607357
-10.401654 -12.914536 -238.910628
1.00000 -8.065682 277.402962 0.607357
-10.401654 -13.671856 -569.339385

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -22.702387 466.137065 2.467782
7.109825 -24.299804 1348.106
0.25000 -22.702387 520.967473 2.467782
17.305815 -27.376907 732.690598
0.50000 -22.702387 575.797881 2.467782
27.501804 -30.454011 48.906325
0.75000 -22.702387 630.628289 2.467782
37.697794 -33.531114 -703.246575
1.00000 -22.702387 685.458696 2.467782
47.893783 -36.608218 -1523.768

ELEM 42 ========== LENGTH = 4.988128

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.415843 290.060291 0.449042
-25.079515 -15.244512 -569.161358
0.25000 -7.415843 315.497872 0.449042
-25.079515 -15.804481 -946.678093
0.50000 -7.415843 341.497864 0.449042
-25.079515 -16.364451 -1356.267
0.75000 -7.415843 368.060267 0.449042
-25.079515 -16.924421 -1798.629
1.00000 -7.415843 395.185082 0.449042
-25.079515 -17.484390 -2274.467

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -21.197427 716.827055 2.663125
-15.981800 -40.237069 -1523.615
0.25000 -21.197427 771.662790 2.663125
-5.784820 -43.558071 -2451.712
0.50000 -21.197427 826.498524 2.663125
4.412160 -46.879073 -3448.191
0.75000 -21.197427 881.334259 2.663125
14.609140 -50.200075 -4513.052
1.00000 -21.197427 936.169994 2.663125
24.806120 -53.521077 -5646.295

ELEM 43 ========== LENGTH = 4.987936

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.007333 403.305612 1.339658
-38.954791 -18.474097 -2274.241
0.25000 -7.007333 431.125223 1.339658
-38.954791 -20.144628 -2794.418
0.50000 -7.007333 459.803340 1.339658
-38.954791 -21.815160 -3349.822
0.75000 -7.007333 489.318049 1.339658
-38.954791 -23.485692 -3941.504
1.00000 -7.007333 519.676654 1.339658
-38.954791 -25.156223 -4570.516
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -20.272397 963.488820 2.379569
-57.219921 -55.750745 -5646.091
0.25000 -20.272397 1018.322 2.379569
-47.023333 -58.718030 -6881.735
0.50000 -20.272397 1073.156 2.379569
-36.826745 -61.685315 -8185.755
0.75000 -20.272397 1127.990 2.379569
-26.630156 -64.652599 -9558.152
1.00000 -20.272397 1182.823 2.379569
-16.433568 -67.619884 -10998.925

ELEM 44 ========== LENGTH = 4.991148

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.166459 518.197903 5.783810
-36.276458 -24.757671 -4570.368
0.25000 -7.166459 540.116750 5.783810
-36.276458 -29.805706 -5032.155
0.50000 -7.166459 562.785541 5.783810
-36.276458 -34.853741 -5513.400
0.75000 -7.166459 586.204273 5.783810
-36.276458 -39.901776 -6014.757
1.00000 -7.166459 610.372948 5.783810
-36.276458 -44.949810 -6536.881

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -20.711893 1192.965 1.778854
-74.740053 -66.563704 -10998.803
0.25000 -20.711893 1231.344 1.778854
-67.603273 -68.116265 -12056.756
0.50000 -20.711893 1269.723 1.778854
-60.466493 -69.668826 -13148.206
0.75000 -20.711893 1308.102 1.778854
-53.329713 -71.221387 -14273.152
1.00000 -20.711893 1346.481 1.778854
-46.192933 -72.773947 -15431.595

ELEM 45 ========== LENGTH = 3.491086

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.479877 -693.457820 -6.670723
-3.435540 -43.037986 -6537.517
0.25000 -8.479877 -669.289574 -6.670723
-3.435540 -37.215063 -5942.888
0.50000 -8.479877 -645.871258 -6.670723
-3.435540 -31.393046 -5369.025
0.75000 -8.479877 -623.202870 -6.670723
-3.435540 -25.571029 -4815.274
1.00000 -8.479877 -601.284412 -6.670723
-3.435540 -19.749011 -4280.980

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -22.900197 1546.366 -3.874252
-77.357779 -67.960952 -15431.828
0.25000 -22.900197 -1507.988 -3.874252
-70.221126 -64.579616 -14098.952
0.50000 -22.900197 -1469.609 -3.874252
-63.084473 -61.198279 -12799.571
0.75000 -22.900197 -1431.231 -3.874252
-55.947819 -57.816942 -11533.685
1.00000 -22.900197 -1392.852 -3.874252
-48.811166 -54.435605 -10301.296
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 46 ========== LENGTH = 4.987631

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -9.848006 -603.195226 -2.026334
1.323754 -16.526243 -4281.177
0.25000 -9.848006 -572.838478 -2.026334
1.323754 -13.999592 -3548.062
0.50000 -9.848006 -543.325576 -2.026334
1.323754 -11.472941 -2852.273
0.75000 -9.848006 -514.656518 -2.026334
1.323754 -8.946290 -2192.758
1.00000 -9.848006 -486.831305 -2.026334
1.323754 -6.419639 -1568.464

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -26.301204 -1384.183 -3.993395
-100.739793 -46.377682 -10301.447
0.25000 -26.301204 -1329.353 -3.993395
-90.543829 -41.398287 -8609.682
0.50000 -26.301204 -1274.523 -3.993395
-80.347865 -36.418892 -6986.286
0.75000 -26.301204 -1219.692 -3.993395
-70.151900 -31.439496 -5431.258
1.00000 -26.301204 -1164.862 -3.993395
-59.955936 -26.460101 -3944.599

ELEM 47 ========== LENGTH = 4.987712

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -11.631274 -478.877954 -1.105834
-7.188189 -2.116181 -1568.707
0.25000 -11.631274 -451.755398 -1.105834
-7.188189 -0.737286 -988.549436
0.50000 -11.631274 -425.195207 -1.105834
-7.188189 0.641609 -441.860717
0.75000 -11.631274 -399.197381 -1.105834
-7.188189 2.020504 72.059668
1.00000 -11.631274 -373.761919 -1.105834
-7.188189 3.399399 553.913849

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -30.692586 -1138.262 -4.214426
-127.890270 -15.874212 -3944.782
0.25000 -30.692586 -1083.431 -4.214426
-117.694139 -10.619126 -2559.637
0.50000 -30.692586 -1028.599 -4.214426
-107.498009 -5.364041 -1242.862
0.75000 -30.692586 -973.768280 -4.214426
-97.301878 -0.108956 5.542115
1.00000 -30.692586 -918.937113 -4.214426
-87.105747 5.146130 1185.576

ELEM 48 ========== LENGTH = 4.988004

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -13.541408 -361.125469 -1.232923
-15.464391 8.006436 553.692986
0.25000 -13.541408 -336.391674 -1.232923
-15.464391 9.543891 988.507543
0.50000 -13.541408 -312.501787 -1.232923
-15.464391 11.081347 1393.005
0.75000 -13.541408 -289.455807 -1.232923
-15.464391 12.618803 1768.238
1.00000 -13.541408 -267.253735 -1.232923
-15.464391 14.156259 2115.259
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -35.392774 -887.849906 -3.952319
-134.683539 16.464891 1185.446
0.25000 -35.392774 -833.015536 -3.952319
-124.486812 21.393436 2258.406
0.50000 -35.392774 -778.181165 -3.952319
-114.290086 26.321981 3262.988
0.75000 -35.392774 -723.346794 -3.952319
-104.093360 31.250526 4199.191
1.00000 -35.392774 -668.512424 -3.952319
-93.896633 36.179070 5067.016

ELEM 49 ========== LENGTH = 4.987426

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -15.169619 -254.027842 -1.228092
-15.252325 18.076679 2115.100
0.25000 -15.169619 -232.220247 -1.228092
-15.252325 19.607934 2418.259
0.50000 -15.169619 -210.472651 -1.228092
-15.252325 21.139189 2694.265
0.75000 -15.169619 -188.695055 -1.228092
-15.252325 22.670444 2943.117
1.00000 -15.169619 -166.917460 -1.228092
-15.252325 24.201699 3164.816

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -39.436358 -639.387313 -3.331661
-109.589119 45.046116 5068.937
0.25000 -39.436358 -584.559292 -3.331661
-99.393574 50.060220 5829.980
0.50000 -39.436358 -529.731271 -3.331661
-89.198028 54.214323 6524.660
0.75000 -39.436358 -474.903250 -3.331661
-79.002483 58.368426 7153.978
1.00000 -39.436358 -420.075230 -3.331661
-68.806937 62.522529 7708.933

ELEM 50 ========== LENGTH = 4.986975

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -16.174824 -153.831136 -1.004061
-7.617155 26.612115 3164.730
0.25000 -16.174824 -132.055508 -1.004061
-7.617155 27.863922 3344.944
0.50000 -16.174824 -110.279879 -1.004061
-7.617155 29.115729 3494.009
0.75000 -16.174824 -88.504251 -1.004061
-7.617155 30.367536 3617.926
1.00000 -16.174824 -66.728623 -1.004061
-7.617155 31.619343 3714.694

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -41.994642 -392.726299 -2.560276
-61.117706 68.653395 7708.896
0.25000 -41.994642 -337.903231 -2.560276
-50.923082 71.845404 8164.350
0.50000 -41.994642 -283.080164 -2.560276
-40.728457 75.037413 8551.454
0.75000 -41.994642 -228.257096 -2.560276
-30.533832 78.229422 8870.207
1.00000 -41.994642 -173.434028 -2.560276
-20.339208 81.421431 9120.610
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 51 ========== LENGTH = 4.987646

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -16.372536 -53.797352 -0.566425
4.020482 32.077020 3714.678
0.25000 -16.372536 -32.018795 -0.566425
4.020482 32.783302 3768.180
0.50000 -16.372536 -10.240239 -0.566425
4.020482 33.489584 3794.527
0.75000 -16.372536 11.538318 -0.566425
4.020482 34.195866 3793.718
1.00000 -16.372536 33.316857 -0.566425
4.020482 34.902148 3765.752

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -42.606811 -147.261264 -1.397859
0.231510 82.845770 9120.585
0.25000 -42.606811 -92.430824 -1.397859
10.427505 84.588776 9270.022

```
 0.50000   -42.606811   -37.600384    -1.397859
20.623501    86.331782    9351.091
 0.75000   -42.606811    17.230056    -1.397859
30.819496    88.074788    9363.791
 1.00000   -42.606811    72.060495    -1.397859
41.015491    89.817794    9308.122

 ELEM      52 ================== LENGTH
=     4.988329

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -15.701346    46.404998     0.592616
14.574098    33.263264    3765.807
 0.25000   -15.701346    68.186536     0.592616
14.574098    32.524224    3694.355
 0.50000   -15.701346    89.968074     0.592616
14.574098    31.785183    3595.739
 0.75000   -15.701346   111.749612     0.592616
14.574098    31.046143    3469.960
 1.00000   -15.701346   133.531150     0.592616
14.574098    30.307102    3317.017

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -41.108873    98.366624     1.856242
60.015389    86.151106    9308.103
 0.25000   -41.108873   153.204570     1.856242
70.212780    83.378219    9151.238
 0.50000   -41.108873   208.042516     1.856242
80.410171    81.521333    8925.986
 0.75000   -41.108873   262.880463     1.856242
90.607563    79.206446    8632.346
 1.00000   -41.108873   317.718409     1.856242
100.804954   76.891560    8270.319

 ELEM      53 ================== LENGTH
=     4.987261

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.204332   147.572379     3.225494
20.002104    26.688524    3317.143
 0.25000   -14.204332   169.067939     3.225494
20.002104    22.666929    3119.689
 0.50000   -14.204332   190.000874     3.225494
20.002104    18.645334    2895.784
 0.75000   -14.204332   210.371184     3.225494
20.002104    14.623738    2646.131
 1.00000   -14.204332   230.178869     3.225494
20.002104    10.602143    2371.430
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              38

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -37.583522   346.922909     9.529401
105.440871   83.671290    8270.298
 0.25000   -37.583522   401.749112     9.529401
115.636078   56.489889    7803.570
 0.50000   -37.583522   456.575314     9.529401
125.831286   44.608488    7268.484
 0.75000   -37.583522   511.401516     9.529401
136.026493   32.727088    6665.040
 1.00000   -37.583522   566.227718     9.529401
146.221701   20.845687    5993.238

 ELEM      54 ================== LENGTH
=     4.987313

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.974552   243.354762     4.623566
20.813396    5.221345    2371.650
 0.25000   -11.974552   262.881339     4.623566
20.813396   -0.543448    2056.055
 0.50000   -11.974552   282.407915     4.623566
20.813396   -6.308240    1716.114
 0.75000   -11.974552   301.934492     4.623566
20.813396   -12.073032    1351.827
 1.00000   -11.974552   321.461069     4.623566
20.813396   -17.837825    963.193538

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -32.207525   596.067793    13.620693
131.559992    7.887071    5993.316
 0.25000   -32.207525   650.894570    13.620693
141.755307   -9.095594    5215.942
 0.50000   -32.207525   705.721348    13.620693
151.950621   -26.078258    4370.209
 0.75000   -32.207525   760.548126    13.620693
162.145936   -43.060923    3456.116
 1.00000   -32.207525   815.374903    13.620693
172.341250   -60.043587    2473.663

 ELEM      55 ================== LENGTH
=     2.768596

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -8.724641   329.067819   -11.709114
30.258531   -25.478462   963.556852
 0.25000    -8.724641   339.863009   -11.709114
30.258531   -17.374010   732.051792
 0.50000    -8.724641   350.569084   -11.709114
30.258531    -9.269558   493.105693
 0.75000    -8.724641   361.186045   -11.709114
30.258531    -1.165106   246.780233
 1.00000    -8.724641   371.713891   -11.709114
30.258531     6.939346   -6.862905

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -24.217624   839.904389   -34.677957
153.197231   -78.832815    2474.150
 0.25000   -24.217624   870.340259   -34.677957
158.856934   -54.815500    1862.278
 0.50000   -24.217624   900.776130   -34.677957
164.516637   -30.828184    1269.340
 0.75000   -24.217624   931.212000   -34.677957
170.176339    -6.825869   635.335246
 1.00000   -24.217624   961.647870   -34.677957
175.836042    17.176447   -19.735338
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              39

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM      56 ================== LENGTH
=     2.751480

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.246181  -389.331986    -8.327639
-30.381730   13.203270    2.917070
 0.25000    3.246181  -378.869226    -8.327639
-30.381730   18.931603   267.133427
 0.50000    3.246181  -368.317902    -8.327639
-30.381730   24.659936   524.122305
 0.75000    3.246181  -357.678015    -8.327639
-30.381730   30.388270   773.822784
 1.00000    3.246181  -346.949564    -8.327639
-30.381730   36.116603    1016.174

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.703536  -979.995083   -25.495082
-168.249484   31.881017    9.409673
 0.25000    9.703536  -949.952361   -25.495082
-164.143588   49.418319   673.186139
 0.50000    9.703536  -919.909639   -25.495082
-160.037692   66.955621    1316.297
 0.75000    9.703536  -889.866917   -25.495082
-155.931796   84.492923    1938.743
 1.00000    9.703536  -859.824195   -25.495082
-151.825900  102.030225    2540.523

 ELEM      57 ================== LENGTH
=     4.958041

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.184632  -316.235117     5.428350
-52.102186   51.326835    1015.438
 0.25000    3.184632  -296.823148     5.428350
-52.102186   44.598340    1395.384
 0.50000    3.184632  -277.411179     5.428350
-52.102186   37.869845    1751.268
 0.75000    3.184632  -257.999209     5.428350
-52.102186   31.141349    2083.092
 1.00000    3.184632  -238.587240     5.428350
-52.102186   24.412854    2390.854

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.379363  -798.729423    15.247465
-248.543375  138.888207    2539.162
 0.25000    9.379363  -744.593815    15.247465
-241.144738  119.988617    3495.644
 0.50000    9.379363  -690.458206    15.247465
-233.746102  101.089428    4385.025
 0.75000    9.379363  -636.322598    15.247465
-226.347465   82.190039    5207.304
 1.00000    9.379363  -582.186989    15.247465
-218.948829   63.290650    5962.482

 ELEM      58 ================== LENGTH
=     4.957991

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.169167  -226.118093     2.732752
-43.398490   36.347116    2390.380
 0.25000    3.169167  -206.426658     2.732752
-43.398490   32.959877    2658.507
 0.50000    3.169167  -186.175899     2.732752
-43.398490   29.572638    2901.879
 0.75000    3.169167  -165.365818     2.732752
-43.398490   26.185399    3119.805
 1.00000    3.169167  -143.996412     2.732752
-43.398490   22.798159    3311.589
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              40

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.212696  -555.547691     7.451237
-203.238531   92.262698    5961.814
 0.25000    9.212696  -501.412628     7.451237
-195.839969   83.126907    6616.864
 0.50000    9.212696  -447.277566     7.451237
-188.441408   73.791115    7204.814
 0.75000    9.212696  -393.142504     7.451237
-181.042846   64.555324    7725.663
 1.00000    9.212696  -339.007441     7.451237
-173.644284   55.319532    8179.412

 ELEM      59 ================== LENGTH
=     4.958182

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.150245  -132.066633     0.998770
-25.824988   31.339635    3311.241
 0.25000    3.150245  -110.416729     0.998770
-25.824988   30.101613    3461.526
 0.50000    3.150245   -88.766826     0.998770
-25.824988   28.863592    3591.975
 0.75000    3.150245   -67.116923     0.998770
-25.824988   27.625571    3681.587
 1.00000    3.150245   -45.467020     0.998770
-25.824988   26.387550    3751.364

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.035588  -313.933158     2.356411
-126.041876   75.868165    8178.905
 0.25000    9.035588  -259.796005     2.356411
-118.643029   72.947287    8534.487
 0.50000    9.035588  -205.658852     2.356411
-111.244181   70.026409    8822.963
 0.75000    9.035588  -151.521698     2.356411
-103.845333   67.105530    9044.334
 1.00000    9.035588   -97.384545     2.356411
-96.446486   64.184652    9198.599

 ELEM      60 ================== LENGTH
=     4.957498

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.117206   -33.060800     0.691851
-4.407314   30.697268    3751.178
 0.25000    3.117206   -11.413886     0.691851
-4.407314   29.839806    3778.738
 0.50000    3.117206    10.233028     0.691851
-4.407314   28.982343    3779.470
 0.75000    3.117206    31.879942     0.691851
-4.407314   28.124881    3753.373
 1.00000    3.117206    53.526856     0.691851
-4.407314   27.267418    3700.448

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.818205   -71.264218     1.547200
-35.787031   74.273116    9198.313
 0.25000    8.818205   -17.134539     1.547200
-28.389205   72.355556    9253.093
 0.50000    8.818205    36.995140     1.547200
-20.991379   70.437996    9240.786
 0.75000    8.818205    91.124818     1.547200
-13.593553   68.520436    9161.391
 1.00000    8.818205   145.254497     1.547200
-6.195727    66.602877    9014.910
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              41

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM      61 ================== LENGTH
=     4.957717

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.080782    66.535892     0.583978
17.935750   27.108951    3700.421
 0.25000    3.080782    88.183763     0.583978
17.935750   26.385152    3604.539
 0.50000    3.080782   109.831634     0.583978
17.935750   25.661353    3481.826
 0.75000    3.080782   131.479504     0.583978
17.935750   24.937553    3332.282
 1.00000    3.080782   153.127375     0.583978
17.935750   24.213754    3155.907

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.588813   172.590483     1.382918
55.472282   65.743420    9014.831
 0.25000    8.588813   226.722554     1.382918
62.870435   64.029392    8767.371
 0.50000    8.588813   280.854626     1.382918
70.268588   62.315363    8452.818
 0.75000    8.588813   334.986697     1.382918
77.666741   60.601335    8071.172
 1.00000    8.588813   389.118769     1.382918
85.064894   58.887306    7622.434

 ELEM      62 ================== LENGTH
=     4.958271

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.044314   165.913857     0.467206
36.038193   19.923167    3156.029
 0.25000    3.044314   187.563549     0.467206
36.038193   19.344033    2936.949
 0.50000    3.044314   209.213842     0.467206
36.038193   18.764900    2691.033
 0.75000    3.044314   230.864134     0.467206
36.038193   18.185767    2418.280
 1.00000    3.044314   252.514426     0.467206
36.038193   17.606633    2118.690

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.357635   415.918840     1.127986
132.425463   47.991357    7622.551
 0.25000    8.357635   470.056966     1.127986
139.824443   46.593142    7073.438
 0.50000    8.357635   524.195093     1.127986
147.223424   45.194927    6457.216
 0.75000    8.357635   578.333220     1.127986
154.622405   43.796711    5773.887
 1.00000    8.357635   632.471346     1.127986
162.021385   42.398496    5023.450

 ELEM      63 ================== LENGTH
=     4.957948

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.011959   264.816609     0.675973
50.129680   10.139471    2118.930
 0.25000    3.011959   286.884902     0.675973
50.129680    9.292612    1777.103
 0.50000    3.011959   309.792018     0.675973
50.129680    8.454752    1407.403
 0.75000    3.011959   333.537957     0.675973
50.129680    7.616892    1008.790
 1.00000    3.011959   358.122718     0.675973
50.129680    6.779032    580.224149
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              42

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.135539   658.319807     1.339279
193.093353   23.861305    5023.701
 0.25000    8.135539   712.454406     1.339279
200.491852   22.201287    4174.173
 0.50000    8.135539   766.589005     1.339279
207.890350   20.541268    3257.545
 0.75000    8.135539   820.723604     1.339279
215.288849   18.881250    2273.818
 1.00000    8.135539   874.858202     1.339279
222.687347   17.221231    1222.992

 ELEM      64 ================== LENGTH
=     4.957564

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.976864   373.445538     1.477214
57.689430   -2.258231   580.482251
 0.25000    2.976864   398.727257     1.477214
57.689430   -4.089076   102.027945
 0.50000    2.976864   424.567941     1.477214
57.689430   -5.919922  -408.106686
 0.75000    2.976864   450.367591     1.477214
57.689430   -7.750768  -950.614420
 1.00000    2.976864   477.926206     1.477214
57.689430   -9.581613   -1526.188

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.907076   907.439599     2.539682
221.827919   -4.912179    1223.153
 0.25000    7.907076   961.570004     2.539682
229.225844   -8.059837   64.936577
 0.50000    7.907076    1015.700     2.539682
236.623770   -11.207496   -1160.369
 0.75000    7.907076    1069.831     2.539682
244.021695   -14.355155   -2452.763
 1.00000    7.907076    1123.961     2.539682
251.419620   -17.502814   -3812.247

 ELEM      65 ================== LENGTH
=     4.958481

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.946904   502.627693     0.392168
56.061357   -18.284429   -1525.938
 0.25000    2.946904   530.290285     0.392168
56.061357   -18.770569   -2166.064
 0.50000    2.946904   558.791791     0.392168
56.061357   -19.256709   -2841.001
 0.75000    2.946904   588.132209     0.392168
56.061357   -19.742849   -3551.790
 1.00000    2.946904   618.311541     0.392168
56.061357   -20.228989   -4299.469

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.703705   1178.060     1.217777
200.468204   -38.556645   -3812.068
 0.25000    7.703705   1232.200     1.217777
207.867498   -40.066226   -5305.972
 0.50000    7.703705   1286.341     1.217777
215.266791   -41.575808   -6866.989
 0.75000    7.703705   1340.481     1.217777
222.666085   -43.085389   -8495.120
 1.00000    7.703705   1394.622     1.217777
230.065379   -44.594971   -10190.365

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              43

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM      66 ================== LENGTH
=     3.470073

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.898766   659.297504    -9.766670
48.831885   -26.999406   -4299.272
 0.25000    2.898766   681.084035    -9.766670
48.831885   -18.526640   -4880.620
 0.50000    2.898766   703.615982    -9.766670
48.831885   -10.053874   -5481.193
 0.75000    2.898766   726.893343    -9.766670
48.831885    -1.581108   -6101.636
 1.00000    2.898766   750.916120    -9.766670
48.831885     6.891658   -6742.595

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.473533    1480.269   -12.914224
136.706350   -60.868964   -10190.158
 0.25000    7.473533    1518.158   -12.914224
141.884568   -49.665637   -11490.753
 0.50000    7.473533    1556.047   -12.914224
147.062785   -38.462310   -12824.217
 0.75000    7.473533    1593.935   -12.914224
152.241002   -27.258983   -14190.551
 1.00000    7.473533    1631.824   -12.914224
157.419219   -16.055657   -15589.754

 ELEM      67 ================== LENGTH
=     3.471054

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.995743  -667.426390     9.737456
-4.040327    3.154264   -6744.700
 0.25000    0.995743  -643.396824     9.737456
-4.040327   -5.295545   -6176.012
 0.50000    0.995743  -620.112884     9.737456
-4.040327   -13.745354   -5627.852
 0.75000    0.995743  -597.574570     9.737456
-4.040327   -22.195163   -5099.574
 1.00000    0.995743  -575.781882     9.737456
-4.040327   -30.644972   -4590.530

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.701986   -1429.775    12.727219
-18.750419   -25.470698   -15592.503
 0.25000    4.701986   -1391.875    12.727219
-13.570738   -36.514915   -14368.241
 0.50000    4.701986   -1353.976    12.727219
-8.391057   -47.559132   -13176.866
 0.75000    4.701986   -1316.076    12.727219
-3.211377   -58.603349   -12046.379
 1.00000    4.701986   -1278.177    12.727219
 1.968304   -69.647566   -10892.780

 ELEM      68 ================== LENGTH
=     4.957870

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.008446  -534.699167    -0.522063
-14.715433   -30.939483   -4590.476
 0.25000    1.008446  -504.523557    -0.522063
-14.715433   -30.229203   -3946.522
 0.50000    1.008446  -475.186756    -0.522063
-14.715433   -29.645323   -3339.449
 0.75000    1.008446  -446.688765    -0.522063
-14.715433   -28.998243   -2768.218
 1.00000    1.008446  -419.029583    -0.522063
-14.715433   -28.351163   -2231.790
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              44

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.559219   -1192.567    -1.657311
-102.027382   -71.179330   -10892.465
 0.25000    4.559219   -1138.433    -1.657311
-94.629001   -69.125147   -9447.866
 0.50000    4.559219   -1084.299    -1.657311
-87.230619   -67.070964   -8070.364
 0.75000    4.559219   -1030.165    -1.657311
-79.832238   -65.016781   -6759.959
 1.00000    4.559219   -976.031588    -1.657311
-72.433857   -62.962598   -5516.651

 ELEM      69 ================== LENGTH
=     4.958128

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.001379  -394.165026    -1.508997
-21.088352   -26.104721   -2231.833
 0.25000    1.001379  -367.203346    -1.508997
-21.088352   -24.234271   -1760.021
 0.50000    1.001379  -340.800695    -1.508997
-21.088352   -22.363820   -1321.282
 0.75000    1.001379  -314.957073    -1.508997
-21.088352   -20.493370   -914.923258
 1.00000    1.001379  -289.672479    -1.508997
-21.088352   -18.622920   -540.252166

 LOAD     CONC ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.409028   -921.730980    -2.729451
-136.290115   -58.214172   -5516.415
 0.25000    4.409928   -867.594249    -2.729451
-128.891349   -54.830930   -4407.452
 0.50000    4.409928   -813.457689    -2.729451
-121.492582   -51.447688   -3365.593
 0.75000    4.409928   -759.321129    -2.729451
-114.093816   -48.064446   -2390.839
 1.00000    4.409928   -705.184569    -2.729451
-106.695049   -44.681204   -1483.188

 ELEM      70 ================== LENGTH
=     4.957515

 LOAD    STEEL ------------------

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.987428  -274.597024    -0.654966
-19.657121   -15.438764   -540.339467
 0.25000    0.987428  -250.107676    -0.654966
-19.657121   -14.627013   -215.291444
 0.50000    0.987428  -226.643603    -0.654966
-19.657121   -13.815262    80.040354
 0.75000    0.987428  -204.204807    -0.654966
-19.657121   -13.003512   346.926633
 1.00000    0.987428  -182.791286    -0.654966
-19.657121   -12.191761   586.638099

 LOAD     CONC ------------------
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```
 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.261055  -673.269738    -1.399661
-122.895549  -37.408522  -1483.047
 0.25000    4.261055  -619.139873    -1.399661
-115.497698  -35.673812  -682.154311
 0.50000    4.261055  -565.010008    -1.399661
-108.099846  -33.939102   51.650759
 0.75000    4.261055  -510.880143    -1.399661
-100.701995  -32.204392  718.368428
 1.00000    4.261055  -456.750279    -1.399661
-93.304143  -30.469682  1317.999
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  45

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        71 ================== LENGTH
=     4.958026

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.975798  -170.210064    -0.404575
-12.928327   -9.446709   586.555106
 0.25000    0.975798  -149.307025    -0.404575
-12.928327   -8.945236   784.576869
 0.50000    0.975798  -128.403987    -0.404575
-12.928327   -8.443762   956.689179
 0.75000    0.975798  -107.500948    -0.404575
-12.928327   -7.942289  1102.892
 1.00000    0.975798   -86.597910    -0.404575
-12.928327   -7.440816  1223.185

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.124010  -430.229670    -1.074863
-80.148502  -24.088843  1318.053
 0.25000    4.124010  -376.094221    -1.074863
-72.749888  -22.756544  1817.775
 0.50000    4.124010  -321.958772    -1.074863
-65.351273  -21.424244  2250.396
 0.75000    4.124010  -267.823323    -1.074863
-57.952658  -20.091945  2615.915
 1.00000    4.124010  -213.687874    -1.074863
-50.554044  -18.759645  2914.333

 ELEM        72 ================== LENGTH
=     4.957718

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.964601   -73.982895    -0.516017
-3.789413   -6.250462  1223.154
 0.25000    0.964601   -53.081157    -0.516017
-3.789413   -4.971896  1301.898
 0.50000    0.964601   -32.179419    -0.516017
-3.789413   -4.971329  1354.735
 0.75000    0.964601   -11.277681    -0.516017
-3.789413   -4.331763  1381.666
 1.00000    0.964601    9.624056    -0.516017
-3.789413   -3.692196  1382.691

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.992603  -187.308986    -1.302677
-26.107913  -16.064183  2914.357
 0.25000    3.992603  -133.176495    -1.302677
-18.709759  -14.449607  3112.966
 0.50000    3.992603   -79.044825    -1.302677
-11.311605  -12.835031  3244.483
 0.75000    3.992603   -24.912745    -1.302677
-3.913451   -11.220454  3308.907
 1.00000    3.992603    29.219336    -1.302677
 3.484704   -9.605878  3306.238

 ELEM        73 ================== LENGTH
=     4.958477

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.954146   22.260512    -0.646472
 6.200560   -4.550552  1382.736
 0.25000    0.954146   43.165453    -0.646472
 6.200560   -3.749173  1342.184
 0.50000    0.954146   64.070394    -0.646472
 6.200560   -2.947794  1275.719
 0.75000    0.954146   84.975334    -0.646472
 6.200560   -2.146415  1183.339
 1.00000    0.954146  105.880275    -0.646472
 6.200560   -1.345036  1065.044
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  46

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.866960   55.643017    -1.577010
 30.219089  -11.828854  3306.287
 0.25000    3.866960  109.783392    -1.577010
 37.618377   -9.873961  3203.754
 0.50000    3.866960  163.923767    -1.577010
 45.017665   -7.919069  3034.108
 0.75000    3.866960  218.064142    -1.577010
 52.416953   -5.964176  2797.348
 1.00000    3.866960  272.204517    -1.577010
 59.816241   -4.009284  2493.475

 ELEM        74 ================== LENGTH
=     4.957366

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.943510   118.160442    -0.575251
 14.671799   -4.075106  1065.159
 0.25000    0.943510   139.573318    -0.575251
 14.671799   -3.364174  905.554434
 0.50000    0.943510   162.011439    -0.575251
 14.671799   -2.649242  718.777086
 0.75000    0.943510   185.474805    -0.575251
 14.671799   -1.936310  503.555931
 1.00000    0.943510   209.963416    -0.575251
 14.671799   -1.223378  258.620341

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.744519   297.982015    -1.691205
 78.030464   -10.695431  2493.531
 0.25000    3.744519   352.110250    -1.691205
 85.428092   -8.599450  2090.688
 0.50000    3.744519   406.238485    -1.691205
 92.825721   -6.503469  1620.762
 0.75000    3.744519   460.366720    -1.691205
 100.223350  -4.407488  1083.752
 1.00000    3.744519   514.494954    -1.691205
 107.620978  -2.311507  479.658806

 ELEM        75 ================== LENGTH
=     4.958415

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.935207   224.989131    -0.134028
 18.818662   -4.925587  258.761793
 0.25000    0.935207   250.275189    -0.134028
 18.818662   -4.759446  -35.750182
 0.50000    0.935207   276.120308    -0.134028
 18.818662   -4.593304  -361.953358
 0.75000    0.935207   302.524489    -0.134028
 18.818662   -4.427162  -720.540750
 1.00000    0.935207   329.487731    -0.134028
 18.818662   -4.261020  -1112.205

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.633156   546.341847    -1.372263
100.214668  -11.196456  479.686422
 0.25000    3.633156   600.481543    -1.372263
107.613863   -9.495394  -231.116890
 0.50000    3.633156   654.621238    -1.372263
115.013058   -7.794332  -1009.032
 0.75000    3.633156   708.760934    -1.372263
122.412253   -6.093270  -1854.059
 1.00000    3.633156   762.900630    -1.372263
129.811448   -4.392208  -2766.197
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  47

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        76 ================== LENGTH
=     4.957518

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.922878   354.172733    -0.449625
 15.814991   -7.636223  -1112.098
 0.25000    0.922878   381.829954    -0.449625
 15.814991   -7.078966  -1568.105
 0.50000    0.922878   410.325925    -0.449625
 15.814991   -6.521710  -2058.909
 0.75000    0.922878   439.660646    -0.449625
 15.814991   -5.964454  -2585.551
 1.00000    0.922878   469.834117    -0.449625
 15.814991   -5.407198  -3149.069

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.529059   816.917373    -0.800105
 78.665232   -12.249272  -2766.287
 0.25000    3.529059   871.047278    -0.800105
 86.063089   -11.257637  -3812.301
 0.50000    3.529059   925.177182    -0.800105
 93.460946   -10.266003  -4925.403
 0.75000    3.529059   979.307086    -0.800105
 100.858803   -9.274369  -6105.593
 1.00000    3.529059  1033.437      -0.800105
 108.256660   -8.282735  -7352.870

 ELEM        77 ================== LENGTH
=     3.470356

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.906662   511.555213    -5.036681
 7.991747   -7.052608  -3149.015
 0.25000    0.906662   533.343517    -5.036681
 7.991747   -2.682839  -3602.232
 0.50000    0.906662   555.877297    -5.036681
 7.991747    1.686929  -4074.676
 0.75000    0.906662   579.156553    -5.036681
 7.991747    6.056698  -4566.994
 1.00000    0.906662   603.181284    -5.036681
 7.991747   10.426467  -5079.831

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.440054   1120.902    -1.252788
 17.990852   -11.864645  -7352.920
 0.25000    3.440054   1158.794    -1.252788
 23.169491   -10.777739  -8341.840
 0.50000    3.440054   1196.686    -1.252788
 28.348130   -9.690834  -9363.634
 0.75000    3.440054   1234.578    -1.252788
 33.526768   -8.603929  -10418.303
 1.00000    3.440054   1272.470    -1.252788
 38.705407   -7.517024  -11505.847

 ELEM        78 ================== LENGTH
=     3.471017

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.454743  -635.518651    4.588857
-22.892091   11.338078  -5080.400
 0.25000    0.454743  -611.489346    4.588857
-22.892091    7.356078  -4539.406
 0.50000    0.454743  -588.205659    4.588857
-22.892091    3.374078  -4018.939
 0.75000    0.454743  -565.667589    4.588857
-22.892091   -0.607922  -3518.354
 1.00000    0.454743  -543.875137    4.588857
-22.892091   -4.589922  -3037.003
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  48

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.274893  -1351.684     0.105426
-76.997229   -5.405099  -11506.009
 0.25000    3.274893  -1313.785     0.105426
-71.817604   -5.496582  -10349.523
 0.50000    3.274893  -1275.886     0.105426
-66.637980   -5.588066  -9225.924
 0.75000    3.274893  -1237.987     0.105426
-61.458355   -5.679549  -8135.212
 1.00000    3.274893  -1200.088     0.105426
-56.278731   -5.771033  -7077.387

 ELEM        79 ================== LENGTH
=     4.957989

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.469568  -502.095882    0.034561
-30.146470   -1.218957  -3037.096
 0.25000    0.469568  -471.919550    0.034561
-30.146470   -1.261795  -2433.538
 0.50000    0.469568  -442.582048    0.034561
-30.146470   -1.304634  -1866.863
 0.75000    0.469568  -414.083375    0.034561
-30.146470   -1.347473  -1336.033
 1.00000    0.469568  -386.423532    0.034561
-30.146470   -1.390312  -840.006320

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.203543  -1112.595    -0.271750
-145.061759   1.805536  -7077.388
 0.25000    3.203543  -1058.460    -0.271750
-137.663201   2.142368  -5731.880
 0.50000    3.203543  -1004.325    -0.271750
-130.264642   2.479201  -4453.471
 0.75000    3.203543  -950.190215  -0.271750
-122.866084   2.816034  -3242.163
 1.00000    3.203543  -896.055178  -0.271750
-115.467526   3.152867  -2097.955

 ELEM        80 ================== LENGTH
=     4.957552

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.479609  -361.717707    -0.311924
-31.090841   3.551853  -840.149063
 0.25000    0.479609  -334.759157    -0.311924
-31.090841   3.938448  -408.604233
 0.50000    0.479609  -308.359571    -0.311924
-31.090841   4.325043  -10.125121
 0.75000    0.479609  -282.518949    -0.311924
-31.090841   4.711638  355.981045
 1.00000    0.479609  -257.237292    -0.311924
-31.090841   5.098232  690.407039

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.158387   -842.041605    0.228144
-161.641204   14.625503  -2097.944
 0.25000    3.158387   -787.911330    0.228144
-154.243297   14.342744  -1087.872
 0.50000    3.158387   -733.781056    0.228144
-146.845389   14.059986  -144.888563
 0.75000    3.158387   -679.650781    0.228144
-139.447482   13.777227  731.006723
 1.00000    3.158387   -625.520507    0.228144
-132.049574   13.494468  1539.814
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  49

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        81 ================== LENGTH
=     4.958252

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.483014   -242.030217    0.111931
-24.652548   10.196200  690.236097
 0.25000    0.483014   -217.537227    0.111931
-24.652548   10.057454  974.961579
 0.50000    0.483014   -194.069664    0.111931
-24.652548   9.918708   1229.962
 0.75000    0.483014   -171.627531    0.111931
-24.652548   9.779962   1456.508
 1.00000    0.483014   -150.210825    0.111931
-24.652548   9.641217   1655.872

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.115333   -593.248988    0.504840
-133.908895   25.573548  1539.732
 0.25000    3.115333   -539.111073    0.504840
-126.509943   24.947768  2241.548
 0.50000    3.115333   -484.973158    0.504840
-119.110992   24.321987  2876.256
 0.75000    3.115333   -430.835243    0.504840
-111.712040   23.696206  3443.857
 1.00000    3.115333   -376.697327    0.504840
-104.313088   23.070426  3944.351

 ELEM        82 ================== LENGTH
=     4.958063

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.487804   -138.088379    0.181086
-13.316935   13.422629  1655.744
 0.25000    0.487804   -117.185185    0.181086
-13.316935   13.198171  1813.952
 0.50000    0.487804    -96.281991    0.181086
-13.316935   12.973713  1946.250
 0.75000    0.487804    -75.378798    0.181086
-13.316935   12.749254  2052.638
 1.00000    0.487804    -54.475604    0.181086
-13.316935   12.524796  2133.116

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.082493   -351.310421    0.384228
-79.173209   32.104410  3944.274
 0.25000    3.082493   -297.174571    0.384228
-71.774540   31.628154  4346.178
 0.50000    3.082493   -243.038720    0.384228
-64.375870   31.151897  4680.979
 0.75000    3.082493   -188.902869    0.384228
-56.977200   30.675641  4948.679
 1.00000    3.082493   -134.767019    0.384228
-49.578531   30.199384  5149.276

 ELEM        83 ================== LENGTH
=     4.957000

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.490606   -41.819948    0.037262
-0.134383   13.893746  2133.071
 0.25000    0.490606   -20.921236    0.037262
-0.134383   13.847570  2171.947
 0.50000    0.490606    -0.022524    0.037262
-0.134383   13.801393  2184.924
 0.75000    0.490606    20.876188    0.037262
-0.134383   13.755216  2171.003
 1.00000    0.490606    41.774900    0.037262
-0.134383   13.709039  2133.183
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  50

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.050232   -108.289621    0.077346
-15.089855   33.442225  5149.247
 0.25000    3.050232   -54.165377     0.077346
-7.692771   33.346374  5249.908
 0.50000    3.050232    -0.041133     0.077346
-0.295688   33.250523  5283.496
 0.75000    3.050232    54.083110     0.077346
 7.101395   33.154672  5250.010
 1.00000    3.050232   108.207354     0.077346
 14.498478   33.058821  5149.451

 ELEM        84 ================== LENGTH
=     4.958063

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.490768    54.429705    -0.106709
 13.066262   12.328118  2133.230
 0.25000    0.490768    75.332899    -0.106709
 13.066262   12.460385  2052.808
 0.50000    0.490768    96.236092    -0.106709
 13.066262   12.592652  1946.477
 0.75000    0.490768   117.139286    -0.106709
 13.066262   12.724920  1814.236
 1.00000    0.490768   138.042480    -0.106709
 13.066262   12.857187  1656.085

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.016643   134.682253    -0.230137
 49.022270   29.661591  5149.492
 0.25000    3.016643   188.818104    -0.230137
 56.420940   29.946850  4949.000
 0.50000    3.016643   242.953955    -0.230137
 63.819609   30.232108  4681.406
 0.75000    3.016643   297.089805    -0.230137
 71.218279   30.517366  4346.709
 1.00000    3.016643   351.225656    -0.230137
 78.616949   30.802625  3944.911

 ELEM        85 ================== LENGTH
=     4.958252

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.489225   150.165846    -0.038619
 24.463055   9.053730   1656.216
 0.25000    0.489225   171.582551    -0.038619
 24.463055   9.101600   1456.908
 0.50000    0.489225   194.024685    -0.038619
 24.463055   9.149470   1230.417
 0.75000    0.489225   217.492247    -0.038619
 24.463055   9.197340   975.472527
 1.00000    0.489225   241.985238    -0.038619
 24.463055   9.245210   690.802799

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.983904   376.614156    -0.355110
 103.876333   21.589770  3945.001
 0.25000    2.983904   430.752071    -0.355110
 111.275284   22.029951  3444.610
 0.50000    2.983904   484.889986    -0.355110
 118.674236   22.470132  2877.112
 0.75000    2.983904   539.027902    -0.355110
 126.073188   22.910313  2242.507
 1.00000    2.983904   593.165817    -0.355110
 133.472140   23.350493  1540.794
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  51

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        86 ================== LENGTH
=     4.957552

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.489632   257.211316     0.382572
 31.045568   4.105982   690.976779
 0.25000    0.489632   282.492971     0.382572
 31.045568   3.631827   356.582982
 0.50000    0.489632   308.333593     0.382572
 31.045568   3.157672   -9.490987
 0.75000    0.489632   334.733178     0.382572
 31.045568   2.683517   -407.193901
 1.00000    0.489632   361.691728     0.382572
 31.045568   2.209362   -839.450534

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.961933   625.485494    -0.090454
 131.900319   11.045906  1540.891
 0.25000    2.961933   679.615768    -0.090454
 139.298227   11.158014  732.127105
 0.50000    2.961933   733.746043    -0.090454
 146.696134   11.270122  -143.724786
 0.75000    2.961933   787.876317    -0.090454
 154.094042   11.382230  -1086.665
 1.00000    2.961933   842.006591    -0.090454
 161.491949   11.494337  -2096.694

 ELEM        87 ================== LENGTH
=     4.957989

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.484242   386.457434     0.038845
 30.361631   -2.800148  -839.304165
 0.25000    0.484242   414.177277     0.038845
 30.361631   -2.848296  -1335.373
 0.50000    0.484242   442.615950     0.038845
 30.361631   -2.896444  -1866.245
 0.75000    0.484242   471.953453     0.038845
 30.361631   -2.944592  -2432.962
 1.00000    0.484242   502.129785     0.038845
 30.361631   -2.992741  -3036.562

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.943271   896.177861     0.423888
 115.836990   -0.266591  -2096.688
 0.25000    2.943271   950.312897     0.423888
 123.235548   -0.791999  -3241.048
 0.50000    2.943271   1004.448       0.423888
 130.634107   -1.317407  -4452.508
 0.75000    2.943271   1058.583       0.423888
 138.032665   -1.842815  -5731.068
 1.00000    2.943271   1112.718       0.423888
 145.431223   -2.368223  -7076.729

 ELEM        88 ================== LENGTH
=     3.471017

 LOAD   STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.475482   543.982926    -4.476007
 23.356638   -6.469132  -3036.464
 0.25000    0.475482   565.775379    -4.476007
 23.356638   -2.585058  -3517.909
 0.50000    0.475482   588.313448    -4.476007
 23.356638   1.299016   -4018.587
 0.75000    0.475482   611.597136    -4.476007
 23.356638   5.183090   -4539.147
 1.00000    0.475482   635.626441    -4.476007
 23.356638   9.067163   -5080.235
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                  52

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.947861   1200.420     0.218471
 57.107366   -10.331153  -7076.707
 0.25000    2.947861   1238.319     0.218471
 62.286990   -10.520732  -8134.820
 0.50000    2.947861   1276.218     0.218471
 67.466615   -10.710311  -9225.820
 0.75000    2.947861   1314.117     0.218471
 72.646239   -10.899890  -10349.708
 1.00000    2.947861   1352.017     0.218471
 77.825863   -11.089469  -11506.482

 ELEM        89 ================== LENGTH
=     3.470356

 LOAD   STEEL --------------------
```

```
 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.220794  -603.033385    4.846149
-7.225356    8.016382   -5079.335
 0.25000    1.220794  -579.008653    4.846149
-7.225356    3.811917   -4566.626
 0.50000    1.220794  -555.729397    4.846149
-7.225356   -0.392549   -4074.437
 0.75000    1.220794  -533.195617    4.846149
-7.225356   -4.597015   -3602.121
 1.00000    1.220794  -511.407313    4.846149
-7.225356   -8.801480   -3149.032

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.512113   -1272.120    0.691517
-36.939669  -13.617575   -11504.587
 0.25000    4.512113   -1234.228    0.691517
-31.761030  -14.278528   -10417.347
 0.50000    4.512113   -1196.336    0.691517
-26.582392  -14.878480   -9362.982
 0.75000    4.512113   -1158.444    0.691517
-21.403753  -15.478432   -8341.491
 1.00000    4.512113   -1120.552    0.691517
-16.225115  -16.078384   -7352.875

 ELEM      90 ================== LENGTH
=     4.957518

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.244688  -469.768494    0.298967
-15.321971   -7.316261   -3149.078
 0.25000    1.244688  -439.595023    0.298967
-15.321971   -7.686794   -2585.642
 0.50000    1.244688  -410.260302    0.298967
-15.321971   -8.057327   -2059.082
 0.75000    1.244688  -381.764331    0.298967
-15.321971   -8.427860   -1568.359
 1.00000    1.244688  -354.107110    0.298967
-15.321971   -8.798393   -1112.433

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.536932   -1033.278    0.406594
-107.139238  -13.021437   -7352.799
 0.25000    4.536932   -979.147821    0.406594
-99.741381  -13.525361   -6105.719
 0.50000    4.536932   -925.017916    0.406594
-92.343524  -14.029285   -4925.727
 0.75000    4.536932   -870.888012    0.406594
-84.945667  -14.533210   -3812.823
 1.00000    4.536932   -816.758108    0.406594
-77.547810  -15.037134   -2767.006
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              53

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM      91 ================== LENGTH
=     4.958415

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.265969  -329.475081   -0.005181
-18.580275   -5.604737   -1112.532
 0.25000    1.265969  -302.511839   -0.005181
-18.580275   -5.598314   -720.882566
 0.50000    1.265969  -276.107658   -0.005181
-18.580275   -5.591891   -362.310856
 0.75000    1.265969  -250.262539   -0.005181
-18.580275   -5.585468   -36.123361
 1.00000    1.265969  -224.976481   -0.005181
-18.580275   -5.579045   258.372934

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.585516   -762.876538    1.015525
-129.276413  -7.755133   -2766.886
 0.25000    4.585516   -708.736842    1.015525
-121.877218   -9.011982   -1854.778
 0.50000    4.585516   -654.597146    1.015525
-114.478023  -10.270831   -1009.781
 0.75000    4.585516   -600.457451    1.015525
-107.078828  -11.529680   -231.895345
 1.00000    4.585516   -546.317755    1.015525
-99.679633   -12.788529   478.878103

 ELEM      92 ================== LENGTH
=     4.957366

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.285516  -209.962861    0.437606
-14.663547   -2.079854   258.244666
 0.25000    1.285516  -185.474250    0.437606
-14.663547   -2.622197   503.179568
 0.50000    1.285516  -162.010884    0.437606
-14.663547   -3.164540   718.400036
 0.75000    1.285516  -139.572763    0.437606
-14.663547   -3.706882   905.176698
 1.00000    1.285516  -118.159888    0.437606
-14.663547   -4.249225   1064.780

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.646736   -514.500148    1.330619
-107.647624  -14.653231   478.883961
 0.25000    4.646736   -460.371913    1.330619
-100.249995   -6.181412   1082.984
 0.50000    4.646736   -406.243678    1.330619
-92.852367   -7.830503   1620.000
 0.75000    4.646736   -352.115443    1.330619
-85.454738   -9.479595   2069.933
 1.00000    4.646736   -297.987208    1.330619
-78.057109   -11.128686   2492.782

 ELEM      93 ================== LENGTH
=     4.958477

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.309573  -105.877922    0.515791
-6.443561   -1.731597   1064.679
 0.25000    1.309573   -84.972981    0.515791
-6.443561   -2.370982   1182.971
 0.50000    1.309573   -64.068041    0.515791
-6.443561   -3.010366   1275.348
 0.75000    1.309573   -43.163100    0.515791
-6.443561   -3.649750   1341.811
 1.00000    1.309573   -22.258160    0.515791
-6.443561   -4.289135   1382.359
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              54

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.724001   -272.205708    1.229025
-60.475163   -5.098550   2492.767
 0.25000    4.724001   -218.065333    1.229025
-53.075875   -6.622074   2796.641
 0.50000    4.724001   -163.924958    1.229025
-45.676587   -8.145597   3033.403
 0.75000    4.724001   -109.784583    1.229025
-38.277299   -9.669121   3203.051
 1.00000    4.724001   -55.644208    1.229025
-30.878011   -11.192644   3305.585

 ELEM      94 ================== LENGTH
=     4.957718

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.335761   -9.619370    0.405040
 3.193219   -3.641312   1382.329
 0.25000    1.335761   11.282368    0.405040
 3.193219   -4.143330   1381.298
 0.50000    1.335761   32.184106    0.405040
 3.193219   -4.645349   1354.361
 0.75000    1.335761   53.085844    0.405040
 3.193219   -5.147367   1301.518
 1.00000    1.335761   73.987582    0.405040
 3.193219   -5.649385   1222.769

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.809618   -29.216435    1.001454
-5.043978   -9.625328   3305.581
 0.25000    4.809618   24.915646    1.001454
 2.354176   -10.866559   3308.247
 0.50000    4.809618   79.047726    1.001454
 9.752330   -12.107790   3243.819
 0.75000    4.809618   133.179806    1.001454
17.150485   -13.349021   3112.298
 1.00000    4.809618   187.311887    1.001454
24.548639   -14.590252   2913.685

 ELEM      95 ================== LENGTH
=     4.958026

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.364913   86.585012    0.299872
11.792053   -7.038142   1222.816
 0.25000    1.364913   107.488050    0.299872
11.792053   -7.409835   1102.539
 0.50000    1.364913   128.391089    0.299872
11.792053   -7.781529   956.351974
 0.75000    1.364913   149.294127    0.299872
11.792053   -8.153223   784.255651
 1.00000    1.364913   170.197166    0.299872
11.792053   -8.524916   586.249876

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.905441   213.643645    0.786878
47.623763   -17.916406   2913.710
 0.25000    4.905441   267.779094    0.786878
55.022378   -18.891774   2815.347
 0.50000    4.905441   321.914543    0.786878
62.420993   -19.867086   2249.883
 0.75000    4.905441   376.049992    0.786878
69.819607   -20.842426   1817.317
 1.00000    4.905441   430.185440    0.786878
77.218222   -21.817766   1317.650
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              55

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM      96 ================== LENGTH
=     4.957515

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.396326   182.721712    0.396193
17.678697   -11.447850   586.351289
 0.25000    1.396326   204.135233    0.396193
17.678697   -11.939884   346.726052
 0.50000    1.396326   226.574029    0.396193
17.678697   -12.429918   79.926001
 0.75000    1.396326   250.038102    0.396193
17.678697   -12.920951   -215.319569
 1.00000    1.396326   274.527450    0.396193
17.678697   -13.411985   -540.281363

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.010143   456.561448    0.714219
88.258378   -28.783577   1317.650
 0.25000    5.010143   510.913112    0.714219
95.656229   -29.668766   718.253888
 0.50000    5.010143   564.821177    0.714219
103.054080   -30.553954   51.770252
 0.75000    5.010143   618.951042    0.714219
110.451932   -31.439142   -681.800785
 1.00000    5.010143   673.080907    0.714219
117.849783   -32.324330   -1482.459

 ELEM      97 ================== LENGTH
=     4.958128

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.432733   289.545235    0.873418
17.831471   -16.734667   -540.172631
 0.25000    1.432733   314.829828    0.873418
17.831471   -17.817297   -914.686000
 0.50000    1.432733   340.673451    0.873418
17.831471   -18.899926   -1320.887
 0.75000    1.432733   367.076102    0.873418
17.831471   -19.982556   -1759.468
 1.00000    1.432733   394.037782    0.873418
17.831471   -21.065185   -2231.123

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.131810   704.870166    1.076521
98.473669   -40.088375   -1482.537
 0.25000    5.131810   759.006726    1.076521
105.872435   -41.422758   -2389.798
 0.50000    5.131810   813.143286    1.076521
113.271202   -42.757140   -3364.164
 0.75000    5.131810   867.279846    1.076521
120.669968   -44.091522   -4405.633
 1.00000    5.131810   921.416406    1.076521
128.068735   -45.425904   -5514.206

 ELEM      98 ================== LENGTH
=     4.957870

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.470668   419.091989    0.631577
 9.394289   -23.355270   -2231.055
 0.25000    1.470668   446.751170    0.631577
 9.394289   -24.138089   -2767.560
 0.50000    1.470668   475.249161    0.631577
 9.394289   -24.920907   -3338.868
 0.75000    1.470668   504.585962    0.631577
 9.394289   -25.703726   -3946.019
 1.00000    1.470668   534.761573    0.631577
 9.394289   -26.486545   -4590.051
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              56

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.273957   976.274991    1.905840
 59.104842   -50.429315   -5514.371
 0.25000    5.273957   1030.409    1.905840
66.503223   -52.791543   -6757.981
 0.50000    5.273957   1084.542    1.905840
73.901604   -55.153770   -8068.687
 0.75000    5.273957   1138.676    1.905840
81.299986   -57.515997   -9446.491
 1.00000    5.273957   1192.810    1.905840
88.698367   -59.878224   -10891.392

 ELEM      99 ================== LENGTH
=     3.471054

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.508357   577.014364   -3.974719
-4.977229   -26.116705   -4590.081
 0.25000    1.508357   598.807052   -3.974719
-4.977229   -22.667589   -5100.194
 0.50000    1.508357   621.345366   -3.974719
-4.977229   -19.218473   -5629.542
 0.75000    1.508357   644.629306   -3.974719
-4.977229   -15.769357   -6178.771
 1.00000    1.508357   668.658872   -3.974719
-4.977229   -12.320241   -6748.529

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.451419   1281.514    1.991202
-24.569480   -58.311218   -10891.639
 0.25000    5.451419   1319.414    1.991202
-19.389799   -60.039110   -12020.134
 0.50000    5.451419   1357.314    1.991202
-14.210118   -61.767002   -13181.518
 0.75000    5.451419   1395.213    1.991202
-9.030438   -63.494894   -14375.789
 1.00000    5.451419   1433.113    1.991202
-3.850757   -65.222786   -15602.948

 ELEM     100 ================== LENGTH
=     3.470073

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.974109   -752.574494    3.985639
-40.579335   -8.592116   -6748.196
 0.25000    1.974109   -728.551717    3.985639
-40.579335   -12.049731   -6105.798
 0.50000    1.974109   -705.274356    3.985639
-40.579335   -15.507345   -5483.917
 0.75000    1.974109   -682.742410    3.985639
-40.579335   -18.964960   -4881.906
 1.00000    1.974109   -660.955878    3.985639
-40.579335   -22.422575   -4299.118

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.568925   -1635.877   -1.928260
-135.817137   -56.001243   -15603.374
 0.25000    5.568925   -1597.988   -1.928260
-130.638920   -54.328442   -14200.655
 0.50000    5.568925   -1560.100   -1.928260
-125.460703   -52.655641   -12830.805
 0.75000    5.568925   -1522.211   -1.928260
-120.282486   -50.982840   -11493.825
 1.00000    5.568925   -1484.322   -1.928260
-115.104269   -49.310040   -10189.714
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              57

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM     101 ================== LENGTH
=     4.958481

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.042911   -618.564588   -0.524608
-51.112626   -15.744033   -4299.336
 0.25000    2.042911   -588.385257   -0.524608
-51.112626   -15.093719   -3551.343
 0.50000    2.042911   -559.044838   -0.524608
-51.112626   -14.443405   -2840.241
 0.75000    2.042911   -530.543332   -0.524608
-51.112626   -13.793091   -2164.969
 1.00000    2.042911   -502.880740   -0.524608
-51.112626   -13.142776   -1524.549

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.756611   -1395.181   -1.602359
-217.130586   -33.438015   -10189.963
 0.25000    5.756611   -1341.041   -1.602359
-209.731292   -31.451699   -8494.025
 0.50000    5.756611   -1286.900   -1.602359
-202.331999   -29.465383   -6865.201
 0.75000    5.756611   -1232.760   -1.602359
-194.932705   -27.479067   -5303.490
 1.00000    5.756611   -1178.619   -1.602359
-187.533411   -25.492750   -3808.893

 ELEM     102 ================== LENGTH
=     4.957564

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.104115   -477.820433   -0.868641
-54.460351   -4.411790   -1524.822
 0.25000    2.104115   -450.861818   -0.868641
-54.460351   -3.335204   -949.379055
 0.50000    2.104115   -424.462168   -0.868641
-54.460351   -2.256618   -407.002416
 0.75000    2.104115   -398.621484   -0.868641
-54.460351   -1.182033   103.001120
 1.00000    2.104115   -373.339765   -0.868641
-54.460351   -0.105447   581.324332

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.951161   -1123.675   -1.025076
-243.075115   -4.531677   -3809.118
 0.25000    5.951161   -1069.545   -1.025076
-235.677190   -3.261207   -2449.989
 0.50000    5.951161   -1015.414   -1.025076
-228.279265   -1.990738   -1157.949
 0.75000    5.951161   -961.284034   -1.025076
-220.881339   -0.720268   67.001991
 1.00000    5.951161   -907.153629   -1.025076
-213.483414   0.550201   1224.864

 ELEM     103 ================== LENGTH
=     4.957948

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.174503   -358.024046   -0.446757
-48.035758   9.057505   581.044755
 0.25000    2.174503   -333.439284   -0.446757
-48.035758   9.611254   1009.488
 0.50000    2.174503   -309.693345   -0.446757
-48.035758   10.165003   1407.979
 0.75000    2.174503   -286.786229   -0.446757
-48.035758   10.718752   1777.556
 1.00000    2.174503   -264.717936   -0.446757
-48.035758   11.272501   2119.261
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              58

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.181058   -874.615308   -0.796198
-217.345580   22.834567   1224.659
 0.25000    6.181058   -820.480709   -0.796198
-209.947081   23.821444   2275.183
 0.50000    6.181058   -766.346110   -0.796198
-202.548583   24.808321   3258.609
 0.75000    6.181058   -712.211512   -0.796198
-195.150084   25.795198   4174.936
 1.00000    6.181058   -658.076913   -0.796198
-187.751586   26.782075   5024.163

 ELEM     104 ================== LENGTH
=     4.957276

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.240055   -252.469146   -0.386434
-34.782014   18.916633   2119.008
 0.25000    2.240055   -230.823201   -0.386434
-34.782014   19.395548   2418.484
 0.50000    2.240055   -209.177254   -0.386434
-34.782014   19.874463   2691.135
 0.75000    2.240055   -187.531307   -0.386434
-34.782014   20.353378   2936.959
 1.00000    2.240055   -165.885359   -0.386434
-34.782014   20.832293   3155.957

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.399650   -632.362511   -0.965091
-158.882775   45.575542   5023.884
 0.25000    6.399650   -578.235250   -0.965091
-151.485280   46.771598   5774.042
 0.50000    6.399650   -524.107989   -0.965091
-144.087784   47.967654   6457.120
 0.75000    6.399650   -469.980727   -0.965091
-136.690288   49.163710   7073.116
 1.00000    6.399650   -415.853466   -0.965091
-129.292793   50.359766   7622.032

 ELEM     105 ================== LENGTH
=     4.958712

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.305638   -153.121846   -0.509884
-17.489503   25.310967   3155.911
 0.25000    2.305638   -131.469632   -0.509884
-17.489503   25.951059   3332.212
 0.50000    2.305638   -109.817418   -0.509884
-17.489503   26.583151   3481.771
 0.75000    2.305638   -88.165204   -0.509884
-17.489503   27.215243   3604.489
 1.00000    2.305638   -66.512990   -0.509884
-17.489503   27.847335   3700.364

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.617239   -389.108697   -1.236149
-83.999423   61.581449   7621.872
 0.25000    6.617239   -334.965765   -1.236149
-76.599786   63.113875   8070.681
 0.50000    6.617239   -280.822834   -1.236149
-69.200149   64.646302   8452.371
 0.75000    6.617239   -226.679902   -1.236149
-61.800511   66.178728   8766.941
 1.00000    6.617239   -172.536971   -1.236149
-54.400874   67.711154   9014.391
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              59

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 ELEM     106 ================== LENGTH
=     4.957498

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.367969   -53.510980   -0.567332
 4.241481   28.222701   3700.377
 0.25000    2.367969   -31.864066   -0.567332
 4.241481   28.925839   3753.283
 0.50000    2.367969   -10.217153   -0.567332
 4.241481   29.628976   3779.360
 0.75000    2.367969   11.429761   -0.567332
 4.241481   30.332113   3776.608
 1.00000    2.367969   33.076675   -0.567332
 4.241481   31.035250   3751.028

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.824502   -145.219471   -1.273353
 5.694661   68.948731   9014.446
 0.25000    6.824502   -91.089792   -1.273353
 13.092487   70.526892   9160.884
 0.50000    6.824502   -36.960113   -1.273353
 20.490313   72.105053   9240.235
 0.75000    6.824502   17.169565   -1.273353
 27.888139   73.683213   9252.499
 1.00000    6.824502   71.299244   -1.273353
 35.285965   75.261374   9197.676

 ELEM     107 ================== LENGTH
=     4.958182

 LOAD    STEEL --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.422522   45.461735   -0.903928
 24.913234   26.954772   3751.203
 0.25000    2.422522   67.111638   -0.903928
 24.913234   28.075233   3681.433
 0.50000    2.422522   88.761542   -0.903928
 24.913234   29.195693   3584.827
 0.75000    2.422522   110.411445   -0.903928
 24.913234   30.316154   3461.385
 1.00000    2.422522   132.061348   -0.903928
 24.913234   31.436614   3311.107

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.008293   97.365977   -2.154279
 94.045383   65.583230   9197.944
 0.25000    7.008293   151.503131   -2.154279
 101.444231   68.253557   9043.702
 0.50000    7.008293   205.640284   -2.154279
 108.843078   70.923884   8822.354
 0.75000    7.008293   259.777437   -2.154279
 116.241926   73.594211   8533.901
 1.00000    7.008293   313.914591   -2.154279
 123.640773   76.264537   8178.342
```

```
 ELEM      108 ================== LENGTH
=     4.957991

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.457903   143.929346   -2.932674
 41.522964   23.126419    3311.448
 0.25000    2.457903   165.298751   -2.932674
 41.522964   26.761462    3119.746
 0.50000    2.457903   186.108833   -2.932674
 41.522964   30.396505    2901.904
 0.75000    2.457903   206.359592   -2.932674
 41.522964   34.031547    2658.614
 1.00000    2.457903   226.051027   -2.932674
 41.522964   37.666590    2390.571
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          60

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.138118   338.843386   -7.996639
 168.801280   56.132669    8178.842
 0.25000    7.138118   392.978448   -7.996639
 176.199841   66.044485    7725.296
 0.50000    7.138118   447.113510   -7.996639
 183.598403   75.956300    7204.650
 0.75000    7.138118   501.248572   -7.996639
 190.996965   85.868115    6616.904
 1.00000    7.138118   555.383635   -7.996639
 198.395527   95.779931    5962.057

 ELEM      109 ================== LENGTH
=     4.958041

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.484540   238.503976   -6.021524
 48.829453   25.981587    2391.044
 0.25000    2.484540   257.915946   -6.021524
 48.829453   33.445328    2083.386
 0.50000    2.484540   277.327915   -6.021524
 48.829453   40.909068    1751.666
 0.75000    2.484540   296.739884   -6.021524
 48.829453   48.372809    1395.884
 1.00000    2.484540   316.151854   -6.021524
 48.829453   55.836550    1016.041

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.243857   582.008068   -16.796177
 210.579248   67.273501    5962.729
 0.25000    7.243857   636.143676   -16.796177
 217.977885   88.092534    5207.773
 0.50000    7.243857   690.279285   -16.796177
 225.376521   108.911568    4385.716
 0.75000    7.243857   744.414893   -16.796177
 232.775158   129.730601    3496.557
 1.00000    7.243857   798.550502   -16.796177
 240.173794   150.549635    2540.296

 ELEM      110 ================== LENGTH
=     2.751480

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.567796   347.424026   10.240869
 24.762426   41.004346    1016.767
 0.25000    2.567796   358.152477   10.240869
 24.762426   33.259960    774.089586
 0.50000    2.567796   368.792364   10.240869
 24.762426   26.915574    524.062839
 0.75000    2.567796   379.343687   10.240869
 24.762426   19.871187    266.747593
 1.00000    2.567796   389.806448   10.240869
 24.762426   12.826801    2.204868

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.520432   861.113961   30.306361
 137.558117   71.468567    2541.649
 0.25000    7.520432   891.156683   30.306361
 141.664013   93.621731    1938.982
 0.50000    7.520432   921.199405   30.306361
 145.769909   72.774895    1315.650
 0.75000    7.520432   951.242127   30.306361
 149.875805   51.928059   671.651443
 1.00000    7.520432   981.284849   30.306361
 153.981701   31.081222    6.987786
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          61

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      111 ================== LENGTH
=     2.734364

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.722128  -362.838548   -3.191309
 -86.837073   -0.672218   -0.260946
 0.25000    2.722128  -352.440873   -3.191309
 -86.837073    8.853768   244.223330
 0.50000    2.722128  -341.955187   -3.191309
 -86.837073   11.035318   481.569769
 0.75000    2.722128  -331.381487   -3.191309
 -86.837073   13.216867   711.718205
 1.00000    2.722128  -320.719776   -3.191309
 -86.837073   15.398417   934.608474

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.668647  -908.334251   -8.639851
 -287.760925   16.346555   -0.519719
 0.25000    6.668647  -878.385458   -8.639851
 -284.125588   22.252679   610.172980
 0.50000    6.668647  -848.436656   -8.639851
 -280.490252   28.158802    1200.393
 0.75000    6.668647  -818.487854   -8.639851
 -276.854915   34.064926    1770.140
 1.00000    6.668647  -788.539051   -8.639851
 -273.219579   39.971049    2319.415

 ELEM      112 ================== LENGTH
=     4.928892

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.940715  -321.173876   -0.471338
 -103.440438   22.963333   934.537745
 0.25000    5.940715  -301.876030   -0.471338
 -103.440438   23.544126    1318.406
 0.50000    5.940715  -282.578184   -0.471338
 -103.440438   24.124919    1678.495
 0.75000    5.940715  -263.280338   -0.471338
 -103.440438   24.705712    2014.805
 1.00000    5.940715  -243.982491   -0.471338
 -103.440438   25.286505    2327.335

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.551942  -804.187461   -0.983054
 -342.747795   58.500764    2319.549
 0.25000   14.551942  -750.202534   -0.983054
 -336.194832   59.712105    3277.227
 0.50000   14.551942  -696.217607   -0.983054
 -329.641870   60.923447    4168.383
 0.75000   14.551942  -642.232680   -0.983054
 -323.088907   62.134789    4993.018
 1.00000   14.551942  -588.247753   -0.983054
 -316.535945   63.346131    5751.131

 ELEM      113 ================== LENGTH
=     4.927847

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.320278  -231.013524    1.151673
 -77.099005   31.056103    2327.446
 0.25000    8.320278  -211.441811    1.151673
 -77.099005   29.637286    2600.047
 0.50000    8.320278  -191.314175    1.151673
 -77.099005   28.218470    2848.194
 0.75000    8.320278  -170.630616    1.151673
 -77.099005   26.799653    3071.202
 1.00000    8.320278  -149.391134    1.151673
 -77.099005   25.380837    3268.386
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          62

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.368173  -565.097569    3.544111
 -261.843173   77.446911    5751.752
 0.25000   20.368173  -511.124095    3.544111
 -255.291600   73.080710    6414.684
 0.50000   20.368173  -457.150621    3.544111
 -248.740028   68.714501    7011.123
 0.75000   20.368173  -403.177147    3.544111
 -242.188456   64.348292    7541.068
 1.00000   20.368173  -349.203673    3.544111
 -235.636884   59.982083    8004.520

 ELEM      114 ================== LENGTH
=     4.927922

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.052766  -134.124149    0.981694
 -42.932540   29.554930    3268.444
 0.25000   10.052766  -112.606377    0.981694
 -42.932540   28.345502    3420.428
 0.50000   10.052766   -91.088606    0.981694
 -42.932540   27.136074    3545.902
 0.75000   10.052766   -69.570834    0.981694
 -42.932540   25.926646    3644.867
 1.00000   10.052766   -48.053062    0.981694
 -42.932540   24.717217    3717.322

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.592334  -318.825513    2.792118
 -154.996603   70.153833    8004.912
 0.25000   24.592334  -264.851214    2.792118
 -148.444931   66.713998    8364.452
 0.50000   24.592334  -210.876915    2.792118
 -141.893258   63.274162    8657.495
 0.75000   24.592334  -156.902617    2.792118
 -135.341586   59.834327    8884.044
 1.00000   24.592334  -102.928318    2.792118
 -128.789913   56.394492    9044.097

 ELEM      115 ================== LENGTH
=     4.928235

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.936576   -33.344739    0.665718
 -10.173027   26.845275    3717.327
 0.25000   10.936576   -11.825602    0.665718
 -10.173027   26.025072    3745.154
 0.50000   10.936576    9.693535    0.665718
 -10.173027   25.204869    3746.467
 0.75000   10.936576   31.212671    0.665718
 -10.173027   24.384665    3721.268
 1.00000   10.936576   52.731808    0.665718
 -10.173027   23.564462    3669.555

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   26.728387   -72.785655    1.674701
 -47.568841   61.535001    9044.229
 0.25000   26.728387   -18.807933    1.674701
 -41.016753   59.471671    9100.654
 0.50000   26.728387    35.169790    1.674701
 -34.464665   57.408340    9090.574
 0.75000   26.728387    89.147512    1.674701
 -27.912577   55.345010    9013.991
 1.00000   26.728387   143.125234    1.674701
 -21.360489   53.281680    8870.904
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          63

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      116 ================== LENGTH
=     4.928666

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.911857    66.927118    0.756713
 20.383207   23.497265    3669.535
 0.25000   10.911857    88.448138    0.756713
 20.383207   22.638869    3573.811
 0.50000   10.911857   109.969158    0.756713
 20.383207   21.632473    3451.569
 0.75000   10.911857   131.490178    0.756713
 20.383207   20.700077    3302.810
 1.00000   10.911857   153.011198    0.756713
 20.383207   19.767682    3127.533

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   26.638393   171.910415    1.709817
 54.508229   53.046563    8870.839
 0.25000   26.638393   225.892861    1.709817
 60.560890   50.939784    8625.759
 0.50000   26.638393   279.875307    1.709817
 67.113551   48.833004    8314.164
 0.75000   26.638393   333.857753    1.709817
 73.666213   46.726225    7936.053
 1.00000   26.638393   387.840199    1.709817
 80.218874   44.619445    7491.427

 ELEM      117 ================== LENGTH
=     4.928122

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.042988   167.095049    1.077999
 48.805470   17.657226    3127.485
 0.25000   10.042988   188.613693    1.077999
 48.805470   16.329099    2908.363
 0.50000   10.042988   210.132337    1.077999
 48.805470   15.000972    2662.729
 0.75000   10.042988   231.650981    1.077999
 48.805470   13.672845    2390.584
 1.00000   10.042988   253.169626    1.077999
 48.805470   12.344718    2091.927

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.496280   415.541120    2.244790
 146.816384   39.419782    7491.163
 0.25000   24.496280   469.517607    2.244790
 153.368322   36.654133    6945.953
 0.50000   24.496280   523.494094    2.244790
 159.920260   33.888483    6334.243
 0.75000   24.496280   577.470580    2.244790
 166.472198   31.122834    5656.032
 1.00000   24.496280   631.447067    2.244790
 173.024136   28.357184    4911.320

 ELEM      118 ================== LENGTH
=     4.927799

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.519211   267.497797    1.320437
 73.328219    8.646425    2091.847
 0.25000    8.519211   289.431894    1.320437
 73.328219    7.019712    1748.878
 0.50000    8.519211   312.199712    1.320437
 73.328219    5.393000    1378.374
 0.75000    8.519211   335.801552    1.320437
 73.328219    3.766287   979.306929
 1.00000    8.519211   360.236515    1.320437
 73.328219    2.139575   550.650726
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          64

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.786894   658.371253    2.541322
 224.031818   19.360036    4910.883
 0.25000   20.786894   712.344205    2.541322
 230.583327   16.229255    4066.557
 0.50000   20.786894   766.317158    2.541322
 237.134836   13.098474    3155.738
 0.75000   20.786894   820.290111    2.541322
 243.686345    9.967693    2178.428
 1.00000   20.786894   874.263064    2.541322
 250.237855    6.836912    1134.626

 ELEM      119 ================== LENGTH
=     4.928501

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.669834   373.960375    0.890056
 89.975632   -2.343878   550.504798
 0.25000    6.669834   399.093883    0.890056
 89.975632   -3.440538    74.311991
 0.50000    6.669834   424.783080    0.890056
 89.975632   -4.537199   -433.880788
 0.75000    6.669834   451.027966    0.890056
 89.975632   -5.633859   -972.688215
 1.00000    6.669834   477.828540    0.890056
 89.975632   -6.730520    -1544.865

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.335841   896.748241    1.682033
 270.855062   -3.948276    1133.943
 0.25000   16.335841   950.728884    1.682033
 277.407504   -8.020752   -4.218452
 0.50000   16.335841   1004.710    1.682033
 283.959947   -8.093228   -1208.891
 0.75000   16.335841   1058.690    1.682033
 290.512389   -10.165703   -2480.075
 1.00000   16.335841   1112.671    1.682033
 297.064832   -12.238179   -3817.769

 ELEM      120 ================== LENGTH
=     4.928335

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.909738   487.105864   -0.388049
 84.904874   -10.995258   -1545.055
 0.25000    4.909738   514.600277   -0.388049
 84.904874   -10.517148   -2162.063
 0.50000    4.909738   542.928503   -0.388049
 84.904874   -10.039039   -2813.459
 0.75000    4.909738   572.090542   -0.388049
 84.904874   -9.560930   -3500.272
 1.00000    4.909738   602.086393   -0.388049
 84.904874   -9.082821   -4223.529

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.148556   1120.550   -0.448076
 251.600272   -22.384204   -3818.555
 0.25000   12.148556   1174.529   -0.448076
 258.152494   -21.832137   -5232.420
 0.50000   12.148556   1228.508   -0.448076
 264.704716   -21.280069   -6712.791
 0.75000   12.148556   1282.487   -0.448076
 271.256938   -20.728002   -8259.669
 1.00000   12.148556   1336.465   -0.448076
 277.809160   -20.175934   -9873.053
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          65

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      121 ================== LENGTH
=     3.449978

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.562082   603.116365   -0.287129
 48.356894   -12.294370   -4223.616
 0.25000    3.562082   624.776726   -0.287129
 48.356894   -12.046723   -4753.089
 0.50000    3.562082   647.178186   -0.287129
 48.356894   -11.799076   -5301.362
 0.75000    3.562082   670.320744   -0.287129
 48.356894   -11.551429   -5869.677
 1.00000    3.562082   694.204400   -0.287129
 48.356894   -11.303782   -6458.071

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.946827   1319.166   -0.045227
 142.346660   -27.804293   -9873.491
 0.25000    8.946827   1356.953   -0.045227
 146.933405   -27.765285   -11027.559
 0.50000    8.946827   1394.740   -0.045227
 151.520151   -27.726277   -12214.219
 0.75000    8.946827   1432.526   -0.045227
 156.106896   -27.687269   -13433.470
 1.00000    8.946827   1470.313   -0.045227
 160.693641   -27.648261   -14685.311

 ELEM      122 ================== LENGTH
=     3.449042

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.793596  -609.499517    1.217896
 -0.799020   -13.112000   -6458.043
 0.25000    2.793596  -585.622339    1.217896
 -0.799020   -14.162144   -5942.843
 0.50000    2.793596  -562.486058    1.217896
 -0.799020   -15.212288   -5447.912
 0.75000    2.793596  -540.090675    1.217896
 -0.799020   -16.262432   -4972.611
 1.00000    2.793596  -518.436189    1.217896
 -0.799020   -17.312576   -4516.302

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.079367   -1265.390    2.369675
 -19.900564   -32.041648   -14685.282
 0.25000    7.079367   -1227.613    2.369675
 -15.315063   -34.084925   -13610.473
 0.50000    7.079367   -1189.837    2.369675
 -10.729562   -36.128202   -12568.237
 0.75000    7.079367   -1152.060    2.369675
 -6.144061   -38.171479   -11558.575
 1.00000    7.079367   -1114.284    2.369675
 -1.558560   -40.214756   -10581.485

 ELEM      123 ================== LENGTH
=     4.928729

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.708118  -517.998781    1.051279
 -41.737293   -17.520691   -4516.188
 0.25000    2.708118  -488.000532    1.051279
 -41.737293   -18.816059   -3896.486
 0.50000    2.708118  -458.836163    1.051279
 -41.737293   -20.111427   -3313.234
 0.75000    2.708118  -430.505673    1.051279
 -41.737293   -21.406795   -2765.404
 1.00000    2.708118  -403.009063    1.051279
 -41.737293   -22.702163   -2251.968
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          66

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.798149   -1133.316    2.090702
 -148.641494   -40.895975   -10581.076
 0.25000    6.798149   -1079.333    2.090702
 -142.088749   -43.472101   -9217.883
 0.50000    6.798149   -1025.350    2.090702
 -135.536003   -46.048227   -7921.206
 0.75000    6.798149   -971.366483    2.090702
 -128.983258   -48.624353   -6691.047
 1.00000    6.798149   -917.383344    2.090702
 -122.430512   -51.200480   -5527.405

 ELEM      124 ================== LENGTH
=     4.928061

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.182833  -394.095465   -0.316642
 -50.772294   -21.551725   -2251.812
 0.25000    3.182833  -367.297284   -0.316642
 -50.772294   -21.161618   -1782.845
 0.50000    3.182833  -341.054741   -0.316642
 -50.772294   -20.771510   -1346.552
 0.75000    3.182833  -315.367839   -0.316642
 -50.772294   -20.381403   -942.247923
 1.00000    3.182833  -290.236572   -0.316642
 -50.772294   -19.991296   -569.248007

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.859604   -910.629866   -0.272736
 -178.677511   -48.628051   -5526.818
 0.25000    7.859604   -856.654041   -0.272736
 -172.125653   -48.292036   -4438.157
 0.50000    7.859604   -802.678217   -0.272736
 -165.573795   -47.956021   -3415.996
 0.75000    7.859604   -748.702393   -0.272736
 -159.021938   -47.620005   -2460.334
 1.00000    7.859604   -694.726568   -0.272736
 -152.470080   -47.283990   -1571.170

 ELEM      125 ================== LENGTH
=     4.928509

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.860539  -276.781953   -0.853513
 -40.056308   -18.343638   -569.125556
 0.25000    3.860539  -252.435890   -0.853513
 -40.056308   -17.292001   -243.198376
 0.50000    3.860539  -229.109105   -0.853513
 -40.056308   -16.240364    53.359299
 0.75000    3.860539  -206.801597   -0.853513
 -40.056308   -15.188727    321.803348
 1.00000    3.860539  -185.513366   -0.853513
 -40.056308   -14.137090    563.389650

 LOAD    CONC ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.455750   -673.136275   -1.395700
 -147.587700   -43.407524   -1570.670
 0.25000    9.455750   -619.155552   -1.395700
 -141.035248   -41.687844   -774.535692
 0.50000    9.455750   -565.174830   -1.395700
 -134.482796   -39.968165   -44.912883
 0.75000    9.455750   -511.194107   -1.395700
 -127.930344   -38.248486    618.198812
 1.00000    9.455750   -457.213385   -1.395700
 -121.377891   -36.528807    1214.799
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          67

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      126 ================== LENGTH
=     4.927961

 LOAD   STEEL ------------------

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.438447   -171.075905   -0.738256
 -22.090733   -12.727959    563.467616
 0.25000    4.438447   -150.299621   -0.738256
 -22.090733   -11.818436    761.433375
 0.50000    4.438447   -129.523338   -0.738256
 -22.090733   -10.908912    933.802955
 0.75000    4.438447   -108.747054   -0.738256
 -22.090733   -9.999388    1080.576
 1.00000    4.438447   -87.970770   -0.738256
 -22.090733   -9.089865    1201.754
```

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	10.852283	-430.308870	-1.444126
-88.195142	-33.128676	1215.146	
0.25000	10.852283	-376.334145	-1.444126
-81.643417	-31.349527	1712.034	
0.50000	10.852283	-322.359420	-1.444126
-75.091693	-29.570379	2142.426	
0.75000	10.852283	-268.384695	-1.444126
-68.539969	-27.791230	2506.322	
1.00000	10.852283	-214.409969	-1.444126
-61.988245	-26.012081	2803.721	

ELEM 127 ========== LENGTH = 4.927654

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.689949	-73.798897	-0.538884
-2.701966	-8.473760	1201.776	
0.25000	4.689949	-53.023906	-0.538884
-2.701966	-7.809902	1279.893	
0.50000	4.689949	-32.248916	-0.538884
-2.701966	-7.146043	1332.417	
0.75000	4.689949	-11.473925	-0.538884
-2.701966	-6.482185	1359.349	
1.00000	4.689949	9.301065	-0.538884
-2.701966	-5.818327	1360.687	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	11.475466	-187.085823	-1.312018
-20.689572	-24.487586	2803.828	
0.25000	11.475466	-133.114457	-1.312018
-14.138255	-22.871293	3001.057	
0.50000	11.475466	-79.143092	-1.312018
-7.586939	-21.255000	3131.799	
0.75000	11.475466	-25.171726	-1.312018
-1.035622	-19.638707	3196.052	
1.00000	11.475466	28.799640	-1.312018
5.515694	-18.022415	3193.818	

ELEM 128 ========== LENGTH = 4.928464

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.518322	23.481325	-0.399267
17.585788	-6.226282	1360.676	
0.25000	4.518322	44.259728	-0.399267
17.585788	-5.738338	1318.944	
0.50000	4.518322	65.038130	-0.399267
17.585788	-5.244394	1251.610	
0.75000	4.518322	85.816532	-0.399267
17.585788	-4.752451	1158.675	
1.00000	4.518322	106.594935	-0.399267
17.585788	-4.260507	1040.138	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 68

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	11.078937	56.214732	-1.322359
49.327205	-18.967301	3193.742	
0.25000	11.078937	110.194961	-1.322359
55.879597	-17.338001	3091.224	
0.50000	11.078937	164.175190	-1.322359
62.431989	-15.708702	2922.196	
0.75000	11.078937	218.155419	-1.322359
68.984381	-14.079402	2686.658	
1.00000	11.078937	272.135648	-1.322359
75.536774	-12.450102	2384.611	

ELEM 129 ========== LENGTH = 4.928349

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.958836	120.921625	-0.365140
37.950473	-5.611094	1040.080	
0.25000	3.958836	142.209167	-0.365140
37.950473	-5.161210	878.084321	
0.50000	3.958836	164.515953	-0.365140
37.950473	-4.711325	689.232912	
0.75000	3.958836	187.841984	-0.365140
37.950473	-4.261440	472.269696	
1.00000	3.958836	212.187258	-0.365140
37.950473	-3.811555	225.938876	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	9.758118	298.990802	-1.558199
115.612584	-15.633496	2384.319	
0.25000	9.758118	352.969777	-1.558199
122.164824	-13.713659	1982.683	
0.50000	9.758118	406.948753	-1.558199
128.717064	-11.793821	1514.540	
0.75000	9.758118	460.927729	-1.558199
135.269305	-9.873984	979.890149	
1.00000	9.758118	514.906705	-1.558199
141.821545	-7.954147	378.733553	

ELEM 130 ========== LENGTH = 4.928362

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.196147	225.680512	-0.668647
53.314555	-5.652488	225.813910	
0.25000	3.196147	250.813309	-0.668647
53.314555	-4.828655	-67.670774	
0.50000	3.196147	276.501778	-0.668647
53.314555	-4.004821	-392.463655	
0.75000	3.196147	302.745920	-0.668647
53.314555	-3.180987	-749.249373	
1.00000	3.196147	329.545735	-0.668647
53.314555	-2.357153	-1138.713	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	7.983168	537.077511	-2.088292
160.029705	-12.213282	378.219082	
0.25000	7.983168	591.056624	-2.088292
166.581962	-9.660317	-316.762550	
0.50000	7.983168	645.035738	-2.088292
173.134219	-7.087352	-1078.251	
0.75000	7.983168	699.014851	-2.088292
179.686476	-4.514388	-1906.247	
1.00000	7.983168	752.993965	-2.088292
186.238732	-1.941423	-2800.750	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 69

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 131 ========== LENGTH = 4.927534

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.507749	338.356026	-1.267010
50.546156	-4.016696	-1138.867	
0.25000	2.507749	365.845967	-1.267010
50.546156	-2.455887	-1572.528	
0.50000	2.507749	394.169585	-1.267010
50.546156	-0.895078	-2040.568	
0.75000	2.507749	423.326880	-1.267010
50.546156	0.665731	-2544.013	
1.00000	2.507749	453.317852	-1.267010
50.546156	2.226540	-3083.889	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	6.426639	760.378397	-2.545386
148.654008	-5.693674	-2681.337	
0.25000	6.426639	814.348442	-2.545386
155.205164	-2.558055	-3771.277	
0.50000	6.426639	868.318487	-2.545386
161.756321	0.577564	-4807.702	
0.75000	6.426639	922.288533	-2.545386
168.307477	3.713183	-5910.612	
1.00000	6.426639	976.258578	-2.545386
174.858633	6.848802	-7080.006	

ELEM 132 ========== LENGTH = 3.450336

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.192652	453.110673	-0.947303
16.313618	1.481733	-3084.001	
0.25000	2.192652	474.773283	-0.947303
16.313618	2.298861	-3484.137	
0.50000	2.192652	497.177068	-0.947303
16.313618	3.115990	-3903.278	
0.75000	2.192652	520.322028	-0.947303
16.313618	3.933118	-4342.064	
1.00000	2.192652	544.208163	-0.947303
16.313618	4.750247	-4801.134	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.754202	956.888337	-1.648662
48.530684	5.261943	-7080.451	
0.25000	5.754202	994.679013	-1.648662
53.117906	6.684052	-7922.146	
0.50000	5.754202	1032.470	-1.648662
57.705127	8.106162	-8796.439	
0.75000	5.754202	1070.260	-1.648662
62.292349	9.528272	-9703.330	
1.00000	5.754202	1108.051	-1.648662
66.879570	10.950381	-10642.818	

ELEM 133 ========== LENGTH = 3.448999

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.386512	-576.801624	0.277687
-31.818179	5.206968	-4801.123	
0.25000	2.386512	-552.924744	0.277687
-31.818179	4.967533	-4314.123	
0.50000	2.386512	-529.788752	0.277687
-31.818179	4.728098	-3847.391	
0.75000	2.386512	-507.393648	0.277687
-31.818179	4.488662	-3400.290	
1.00000	2.386512	-485.739432	0.277687
-31.818179	4.249227	-2972.178	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 70

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	6.242121	-1188.184	0.025430
-106.471398	12.100913	-10642.772	
0.25000	6.242121	-1150.408	0.025430
-101.885954	12.078986	-9634.547	
0.50000	6.242121	-1112.632	0.025430
-97.300510	12.057059	-8658.894	
0.75000	6.242121	-1074.856	0.025430
-92.715066	12.035132	-7715.813	
1.00000	6.242121	-1037.080	0.025430
-88.129622	12.013205	-6805.305	

ELEM 134 ========== LENGTH = 4.928994

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.060645	-485.733280	0.657569
-64.170476	5.855135	-2972.081	
0.25000	3.060645	-455.733418	0.657569
-64.170476	5.044847	-2392.116	
0.50000	3.060645	-426.567481	0.657569
-64.170476	4.234559	-1848.584	
0.75000	3.060645	-398.235467	0.657569
-64.170476	3.424271	-1340.489	
1.00000	3.060645	-370.737378	0.657569
-64.170476	2.613983	-866.791649	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	7.819542	-1055.871	1.065156
-209.797150	15.770119	-6804.924	
0.25000	7.819542	-1001.885	1.065156
-203.244052	14.457582	-5537.090	
0.50000	7.819542	-947.899205	1.065156
-196.690955	13.145045	-4335.780	
0.75000	7.819542	-893.913163	1.065156
-190.137857	11.832508	-3200.995	
1.00000	7.819542	-839.927120	1.065156
-183.584759	10.519971	-2132.734	

ELEM 135 ========== LENGTH = 4.927556

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.071415	-361.817804	0.087972
-65.423483	5.058714	-866.609243	
0.25000	4.071415	-335.022372	0.087972
-65.423483	4.950342	-437.451431	
0.50000	4.071415	-308.782522	0.087972
-65.423483	4.841970	-40.960408	
0.75000	4.071415	-283.098254	0.087972
-65.423483	4.733599	323.548243	
1.00000	4.071415	-257.969568	0.087972
-65.423483	4.625227	656.758937	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	10.189338	-832.252386	0.671538
-217.363942	16.252537	-2132.062	
0.25000	10.189338	-778.272160	0.671538
-210.812757	15.425277	-1140.062	
0.50000	10.189338	-724.311815	0.671538
-204.261572	14.598017	-214.547359	
0.75000	10.189338	-670.341529	0.671538
-197.710386	13.770756	644.481643	
1.00000	10.189338	-616.371244	0.671538
-191.159201	12.943496	1437.025	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 71

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 136 ========== LENGTH = 4.928244

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.121954	-244.335558	-0.183132
-47.443330	7.168067	656.893811	
0.25000	5.121954	-219.990804	-0.183132
-47.443330	7.393697	942.828343	
0.50000	5.121954	-196.665273	-0.183132
-47.443330	7.619326	1199.397	
0.75000	5.121954	-174.358965	-0.183132
-47.443330	7.844956	1427.854	
1.00000	5.121954	-153.071878	-0.183132
-47.443330	8.070585	1629.457	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	12.692675	-593.840440	0.219722
-166.439345	18.998154	1437.572	
0.25000	12.692675	-539.862620	0.219722
-159.887245	18.727444	2135.967	
0.50000	12.692675	-485.884799	0.219722
-153.335145	18.456733	2767.859	
0.75000	12.692675	-431.906979	0.219722
-146.783045	18.186023	3333.246	
1.00000	12.692675	-377.929159	0.219722
-140.230945	17.915312	3832.130	

ELEM 137 ========== LENGTH = 4.928063

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.900286	-138.793591	-0.116864
-24.372107	9.956323	1629.521	
0.25000	5.900286	-118.016876	-0.116864
-24.372107	10.100301	1787.718	
0.50000	5.900286	-97.240160	-0.116864
-24.372107	10.244279	1920.318	
0.75000	5.900286	-76.463445	-0.116864
-24.372107	10.388257	2027.321	
1.00000	5.900286	-55.686730	-0.116864
-24.372107	10.532235	2108.726	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	14.572231	-351.179609	0.064559
-93.344764	22.464275	3832.430	
0.25000	14.572231	-297.203762	0.064559
-86.792904	22.364737	4231.839	
0.50000	14.572231	-243.227916	0.064559
-80.241044	22.305200	4564.749	
0.75000	14.572231	-189.252069	0.064559
-73.689183	22.225663	4831.161	
1.00000	14.572231	-135.276223	0.064559
-67.137323	22.146125	5031.073	

ELEM 138 ========== LENGTH = 4.929000

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	6.181593	-41.576673	0.038579
-0.056123	11.213013	2108.750	
0.25000	6.181593	-20.796009	0.038579
-0.056123	11.165474	2147.179	
0.50000	6.181593	-0.015345	0.038579
-0.056123	11.117936	2160.002	
0.75000	6.181593	20.765319	0.038579
-0.056123	11.070397	2147.217	
1.00000	6.181593	41.545983	0.038579
-0.056123	11.022859	2108.826	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 72

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	15.259408	-107.998639	0.095375
-13.208723	23.806987	5031.182	
0.25000	15.259408	-54.018335	0.095375
-6.655618	23.689462	5131.001	
0.50000	15.259408	-0.026430	0.095375
-0.102512	23.571936	5164.296	
0.75000	15.259408	53.959675	0.095375
6.450593	23.454411	5131.066	
1.00000	15.259408	107.945780	0.095375
13.003699	23.336886	5031.312	

ELEM 139 ========== LENGTH = 4.928063

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.896704	55.661006	0.195585
24.282477	10.332617	2108.803	
0.25000	5.896704	76.437721	0.195585
24.282477	10.091653	2027.429	
0.50000	5.896704	97.214437	0.195585
24.282477	9.850688	1920.458	
0.75000	5.896704	117.991152	0.195585
24.282477	9.609724	1787.890	
1.00000	5.896704	138.767867	0.195585
24.282477	9.368760	1629.724	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	14.575205	135.234422	0.129156
66.984085	21.680956	5031.203	
0.25000	14.575205	189.210269	0.129156
73.535945	21.521833	4831.343	
0.50000	14.575205	243.186115	0.129156
80.087805	21.362711	4564.983	
0.75000	14.575205	297.161962	0.129156
86.639666	21.203588	4232.125	
1.00000	14.575205	351.137809	0.129156
93.191526	21.044466	3832.767	

ELEM 140 ========== LENGTH = 4.928244

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.112498	153.060422	0.266105
47.419890	7.468043	1629.661	
0.25000	5.112498	174.347508	0.266105
47.419890	7.140185	1428.073	
0.50000	5.112498	196.653817	0.266105
47.419890	6.812327	1199.629	
0.75000	5.112498	219.979348	0.266105
47.419890	6.484470	943.075330	
1.00000	5.112498	244.324101	0.266105
47.419890	6.156612	657.154912	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	12.693188	377.918502	-0.016938
140.228252	16.487374	3832.468	
0.25000	12.693188	431.896322	-0.016938
146.780351	16.508242	3333.597	
0.50000	12.693188	485.874142	-0.016938
153.332451	16.529111	2768.223	
0.75000	12.693188	539.851962	-0.016938
159.884551	16.549979	2136.344	
1.00000	12.693188	593.829782	-0.016938
166.436651	16.570847	1437.962	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 73

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 141 ========== LENGTH = 4.927556

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	4.051656	257.980618	-0.002528
65.504925	3.588053	657.021427	
0.25000	4.051656	283.109304	-0.002528
65.504925	3.591167	323.797122	
0.50000	4.051656	308.793572	-0.002528
65.504925	3.594281	-40.735141	
0.75000	4.051656	335.033422	-0.002528
65.504925	3.597395	-437.229777	
1.00000	4.051656	361.828854	-0.002528
65.504925	3.600510	-866.401201	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	10.176921	616.405438	-0.459050
191.385370	10.482678	1437.417	
0.25000	10.176921	670.375723	-0.459050
197.936555	11.048176	644.831198	
0.50000	10.176921	724.346009	-0.459050
204.487740	11.613675	-214.239926	
0.75000	10.176921	778.316294	-0.459050
211.038926	12.179174	-1139.796	
1.00000	10.176921	832.286580	-0.459050
217.590111	12.744672	-2131.838	

ELEM 142 ========== LENGTH = 4.928994

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.024220	370.773320	-0.587477
64.370231	1.114804	-866.581872	
0.25000	3.024220	398.271409	-0.587477
64.370231	1.838722	-1340.323	
0.50000	3.024220	426.603422	-0.587477
64.370231	2.562639	-1848.463	
0.75000	3.024220	455.769360	-0.587477
64.370231	3.286557	-2392.029	
1.00000	3.024220	485.769221	-0.587477
64.370231	4.010474	-2972.048	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	7.779098	839.999695	-0.877359
184.042441	6.942364	-2132.508	
0.25000	7.779098	893.985738	-0.877359
190.595539	8.023489	-3200.859	
0.50000	7.779098	947.971780	-0.877359
197.148637	9.104614	-4335.734	
0.75000	7.779098	1001.958	-0.877359
203.701735	10.185739	-5537.132	
1.00000	7.779098	1055.944	-0.877359
210.254833	11.266863	-6805.056	

ELEM 143 ========== LENGTH = 3.448999

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.323835	485.793177	-0.263356
32.105851	2.341932	-2972.143	
0.25000	2.323835	507.447393	-0.263356
32.105851	2.569011	-3400.300	
0.50000	2.323835	529.842497	-0.263356
32.105851	2.796090	-3847.449	
0.75000	2.323835	552.978489	-0.263356
32.105851	3.023169	-4314.226	
1.00000	2.323835	576.855369	-0.263356
32.105851	3.250247	-4801.273	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 74

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	6.151376	1037.160	0.032405
88.712833	7.389589	-6805.432	
0.25000	6.151376	1074.936	0.032405
93.298277	7.361648	-7716.009	
0.50000	6.151376	1112.712	0.032405
97.883721	7.333707	-8659.158	
0.75000	6.151376	1150.488	0.032405
102.469165	7.305766	-9634.880	
1.00000	6.151376	1188.264	0.032405
107.054609	7.277825	-10643.174	

ELEM 144 ========== LENGTH = 3.450336

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.307385	-544.193071	0.880701
-15.996093	2.712977	-4801.016	
0.25000	2.307385	-520.306935	0.880701
-15.996093	1.953298	-4341.959	
0.50000	2.307385	-497.161975	0.880701
-15.996093	1.193620	-3903.186	
0.75000	2.307385	-474.758190	0.880701
-15.996093	0.433941	-3484.058	
1.00000	2.307385	-453.095580	0.880701
-15.996093	-0.325737	-3083.935	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	5.778750	-1108.063	1.499015
-66.285968	5.965117	-10642.946	
0.25000	5.778750	-1070.273	1.499015
-61.698746	4.672091	-9703.448	
0.50000	5.778750	-1032.482	1.499015
-57.111525	3.379066	-8796.547	
0.75000	5.778750	-994.691196	1.499015
-52.524304	2.086040	-7922.243	
1.00000	5.778750	-956.900530	1.499015
-47.937082	0.793014	-7080.537	

ELEM 145 ========== LENGTH = 4.927534

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	2.584206	-453.296805	1.141353
-50.204272	0.329261	-3083.820	
0.25000	2.584206	-423.305832	1.141353
-50.204272	-1.076753	-2543.969	

0.50000 2.584206 -394.148537 1.141353
-50.204272 -2.482767 -2040.550
0.75000 2.584206 -365.824919 1.141353
-50.204272 -3.888781 -1572.537
1.00000 2.584206 -338.334978 1.141353
-50.204272 -5.294795 -1138.901

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 6.371520 -976.248993 2.246414
-174.164126 2.193172 -7080.084
0.25000 6.371520 -922.278947 2.246414
-167.612969 -0.574148 -5910.702
0.50000 6.371520 -868.308902 2.246414
-161.061813 -3.341469 -4807.804
0.75000 6.371520 -814.338857 2.246414
-154.510657 -6.108789 -3771.391
1.00000 6.371520 -760.368811 2.246414
-147.959501 -8.876109 -2801.463
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
75

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 146 ========== LENGTH = 4.928362

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.229593 -329.529206 0.535812
-52.982729 -3.737520 -1138.742
0.25000 3.229593 -302.729391 0.535812
-52.982729 -4.397689 -749.299408
0.50000 3.229593 -276.485249 0.535812
-52.982729 -5.057858 -392.534056
0.75000 3.229593 -250.796779 0.535812
-52.982729 -5.718026 -67.761541
1.00000 3.229593 -225.663983 0.535812
-52.982729 -6.378195 225.702778

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 7.835625 -752.980974 1.773113
-185.505901 -5.343409 -2800.866
0.25000 7.835625 -699.001860 1.773113
-178.953644 -7.528045 -1906.379
0.50000 7.835625 -645.022746 1.773113
-172.401387 -9.712681 -1078.399
0.75000 7.835625 -591.043633 1.773113
-165.849131 -11.897317 -316.926453
1.00000 7.835625 -537.064519 1.773113
-159.296874 -14.081953 378.039172

ELEM 147 ========== LENGTH = 4.928349

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.943910 -212.186931 0.245681
-37.653470 -4.652193 225.828248
0.25000 3.943910 -187.841657 0.245681
-37.653470 -4.954894 472.158665
0.50000 3.943910 -164.515626 0.245681
-37.653470 -5.257595 689.121478
0.75000 3.943910 -142.208840 0.245681
-37.653470 -5.560296 877.972485
1.00000 3.943910 -120.921198 0.245681
-37.653470 -5.862997 1039.967

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.504720 -514.925782 1.275273
-141.134900 -10.054330 378.559618
0.25000 9.504720 -460.946807 1.275273
-134.582660 -11.625577 979.739719
0.50000 9.504720 -406.967831 1.275273
-128.030420 -13.196824 1514.413
0.75000 9.504720 -352.988855 1.275273
-121.478180 -14.768072 1982.579
1.00000 9.504720 -299.009879 1.275273
-114.925940 -16.339319 2384.239

ELEM 148 ========== LENGTH = 4.928464

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.452107 -106.608466 0.292145
-17.291664 -4.634754 1040.032
0.25000 4.452107 -85.830064 0.292145
-17.291664 -4.994711 1158.585
0.50000 4.452107 -65.051661 0.292145
-17.291664 -5.354668 1251.537
0.75000 4.452107 -44.273259 0.292145
-17.291664 -5.714625 1318.887
1.00000 4.452107 -23.494857 0.292145
-17.291664 -6.074582 1360.636
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
76

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.711901 -272.181315 1.067272
-74.819001 -13.426973 2384.543
0.25000 10.711901 -218.201086 1.067272
-68.266609 -14.741976 2686.647
0.50000 10.711901 -164.220857 1.067272
-61.714217 -16.056978 2922.241
0.75000 10.711901 -110.240628 1.067272
-55.161824 -17.371981 3091.326
1.00000 10.711901 -56.260398 1.067272
-48.609432 -18.686984 3193.900

ELEM 149 ========== LENGTH = 4.927654

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.571820 -9.320598 0.417356
3.060381 -5.786605 1360.653
0.25000 4.571820 11.454393 0.417356
3.060381 -6.302751 1359.339
0.50000 4.571820 32.229384 0.417356
3.060381 -6.816897 1332.432
0.75000 4.571820 53.004374 0.417356
3.060381 -7.331044 1279.931
1.00000 4.571820 73.779365 0.417356
3.060381 -7.845190 1201.838

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.992487 -28.856306 1.016680
-4.606290 -18.018942 3193.988
0.25000 10.992487 25.115060 1.016680
1.945027 -19.271404 3196.293
0.50000 10.992487 79.086426 1.016680
8.496343 -20.523866 3132.109
0.75000 10.992487 133.057791 1.016680
15.047660 -21.776328 3001.437
1.00000 10.992487 187.029157 1.016680
21.598976 -23.028790 2804.278

ELEM 150 ========== LENGTH = 4.927961

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.269862 87.965817 0.544590
22.651497 -8.581344 1201.821
0.25000 4.269862 108.742101 0.544590
22.651497 -9.252274 1080.650
0.50000 4.269862 129.518384 0.544590
22.651497 -9.923204 933.882471
0.75000 4.269862 150.294668 0.544590
22.651497 -10.594135 761.518993
1.00000 4.269862 171.070952 0.544590
22.651497 -11.265065 563.559336

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.256166 214.397056 0.961583
63.451063 -24.822231 2804.181
0.25000 10.256166 268.375180 0.961583
70.002787 -26.006892 2506.797
0.50000 10.256166 322.346506 0.961583
76.554511 -27.191553 2142.918
0.75000 10.256166 376.321231 0.961583
83.106236 -28.376214 1712.542
1.00000 10.256166 430.295957 0.961583
89.657960 -29.560875 1215.670
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
77

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 151 ========== LENGTH = 4.928509

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.646688 185.560489 0.590558
41.085089 -12.760953 563.483621
0.25000 3.646688 206.848720 0.590558
41.085089 -13.508596 321.839258
0.50000 3.646688 229.156228 0.590558
41.085089 -14.236238 53.337147
0.75000 3.646688 252.483013 0.590558
41.085089 -14.963881 -243.276589
1.00000 3.646688 276.829076 0.590558
41.085089 -15.691523 -569.263830

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.758699 457.343660 0.733426
124.089178 -33.198461 1215.326
0.25000 8.758699 511.324382 0.733426
130.641630 -34.102135 618.565280
0.50000 8.758699 565.305105 0.733426
137.194083 -35.005809 -44.706931
0.75000 8.758699 619.285827 0.733426
143.746535 -35.909482 -774.490255
1.00000 8.758699 673.266550 0.733426
150.298987 -36.813156 -1570.785

ELEM 152 ========== LENGTH = 4.928061

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.935590 290.349472 0.254779
52.613477 -17.418836 -569.388468
0.25000 2.935590 315.480737 0.254779
52.613477 -17.732728 -942.527479
0.50000 2.935590 341.167641 0.254779
52.613477 -18.046619 -1346.971
0.75000 2.935590 367.410184 0.254779
52.613477 -18.360510 -1783.403
1.00000 2.935590 394.208366 0.254779
52.613477 -18.674402 -2252.509

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 7.090830 695.034354 0.123516
157.300823 -40.860434 -1571.293
0.25000 7.090830 749.010178 0.123516
163.865681 -41.012607 -2460.836
0.50000 7.090830 802.986002 0.123516
170.417539 -41.164781 -3416.878
0.75000 7.090830 856.961827 0.123516
176.969396 -41.316954 -4439.418
1.00000 7.090830 910.937651 0.123516
183.521254 -41.469128 -5528.458

ELEM 153 ========== LENGTH = 4.928729

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.441945 403.028360 -0.554437
44.370655 -19.873368 -2252.673
0.25000 2.441945 430.524970 -0.554437
44.370655 -19.190200 -2766.132
0.50000 2.441945 458.855460 -0.554437
44.370655 -18.507032 -3313.986
0.75000 2.441945 488.019829 -0.554437
44.370655 -17.823864 -3897.262
1.00000 2.441945 518.018078 -0.554437
44.370655 -17.140696 -4516.987
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
78

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 5.993511 917.448366 -0.809220
129.319503 -44.135362 -5529.068
0.25000 5.993511 971.431505 -0.809220
135.872249 -43.138256 -6692.790
0.50000 5.993511 1025.415 -0.809220
142.424994 -42.141149 -7923.029
0.75000 5.993511 1079.398 -0.809220
148.977740 -41.144042 -9219.785
1.00000 5.993511 1133.381 -0.809220
155.530485 -40.146935 -10583.059

ELEM 154 ========== LENGTH = 3.449042

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.512517 517.664175 -0.786098
2.635220 -16.971652 -4517.109
0.25000 2.512517 539.318661 -0.786098
2.635220 -16.293830 -4972.753
0.50000 2.512517 561.714045 -0.786098
2.635220 -15.616009 -5447.389
0.75000 2.512517 584.850325 -0.786098
2.635220 -14.938187 -5941.654
1.00000 2.512517 608.727503 -0.786098
2.635220 -14.260366 -6456.188

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 6.248936 1112.308 -1.253975
6.377403 -39.536224 -10583.491
0.25000 6.248936 1150.085 -1.253975
10.962904 -38.454971 -11558.876
0.50000 6.248936 1187.861 -1.253975
15.548406 -37.373718 -12566.835
0.75000 6.248936 1225.638 -1.253975
20.133907 -36.292465 -13607.368
1.00000 6.248936 1263.414 -1.253975
24.719408 -35.211213 -14680.473

ELEM 155 ========== LENGTH = 3.449978

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.265453 -693.420626 -0.175382
-50.133463 -12.489327 -6456.214
0.25000 3.265453 -669.536969 -0.175382
-50.133463 -12.338061 -5868.496
0.50000 3.265453 -645.394411 -0.175382
-50.133463 -12.186795 -5301.057
0.75000 3.265453 -623.992951 -0.175382
-50.133463 -12.035529 -4753.260
1.00000 3.265453 -602.332590 -0.175382
-50.133463 -11.884263 -4224.463

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.088914 -1468.297 -1.132561
-165.127095 -30.883878 -14680.499
0.25000 8.088914 -1430.510 -1.132561
-160.540350 -29.907051 -13430.397
0.50000 8.088914 -1392.724 -1.132561
-155.953604 -28.930223 -12212.885
0.75000 8.088914 -1354.937 -1.132561
-151.366859 -27.953396 -11027.964
1.00000 8.088914 -1317.150 -1.132561
-146.780114 -26.976568 -9875.634
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
79

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 156 ========== LENGTH = 4.928335

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 4.598726 -602.137049 -0.143069
-87.571565 -8.704558 -4224.364
0.25000 4.598726 -572.141197 -0.143069
-87.571565 -8.528285 -3501.045
0.50000 4.598726 -542.979158 -0.143069
-87.571565 -8.352012 -2814.170
0.75000 4.598726 -514.650932 -0.143069
-87.571565 -8.175740 -2162.711
1.00000 4.598726 -487.156519 -0.143069
-87.571565 -7.999467 -1545.641

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 11.264887 -1336.572 -0.912539
-284.499227 -19.403240 -9875.169
0.25000 11.264887 -1282.533 -0.912539
-277.947005 -18.278916 -8261.654
0.50000 11.264887 -1228.614 -0.912539
-271.394783 -17.154592 -6714.645
0.75000 11.264887 -1174.635 -0.912539
-264.842561 -16.030267 -5234.142
1.00000 11.264887 -1120.657 -0.912539
-258.290339 -14.905943 -3820.146

ELEM 157 ========== LENGTH = 4.928501

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 6.350355 -477.987753 -0.865176
-91.832540 -3.752368 -1545.438
0.25000 6.350355 -451.187179 -0.865176
-91.832540 -2.686363 -973.065473
0.50000 6.350355 -424.942293 -0.865176
-91.832540 -1.620358 -433.371875
0.75000 6.350355 -399.253096 -0.865176
-91.832540 -0.554353 74.327074
1.00000 6.350355 -374.119588 -0.865176
-91.832540 0.511652 550.716052

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 15.440087 -1113.053 -1.623331
-301.704122 -4.781790 -3819.330
0.25000 15.440087 -1059.073 -1.623331
-295.151680 -2.781643 -2481.164
0.50000 15.440087 -1005.092 -1.623331
-288.599237 -0.781496 -1209.509
0.75000 15.440087 -951.111302 -1.623331
-282.046795 1.218651 -4.365483
1.00000 15.440087 -897.130659 -1.623331
-275.494352 3.218799 1134.267

ELEM 158 ========== LENGTH = 4.927799

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.206847 -360.313779 -1.095207
-74.261047 5.010810 550.867971
0.25000 8.206847 -335.878517 -1.095207
-74.261047 6.360049 979.619359
0.50000 8.206847 -312.276976 -1.095207
-74.261047 7.709289 1378.781
0.75000 8.206847 -289.509158 -1.095207
-74.261047 9.058528 1749.381
1.00000 8.206847 -267.575062 -1.095207
-74.261047 10.407768 2092.445
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
80

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 19.918345 -874.446249 -1.969636
-252.566974 14.065926 1134.964
0.25000 19.918345 -820.473297 -1.969636
-246.015465 16.492419 2178.992
0.50000 19.918345 -766.500344 -1.969636
-239.463956 18.918912 3156.528
0.75000 19.918345 -712.527391 -1.969636
-232.912447 21.345405 4067.571
1.00000 19.918345 -658.554438 -1.969636
-226.360938 23.771898 4912.123

ELEM 159 ========== LENGTH = 4.928122

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.751189 -253.180861 -0.921869
-49.162813 14.152987 2092.520
0.25000 9.751189 -231.662217 -0.921869
-49.162813 15.288758 2391.191
0.50000 9.751189 -210.143573 -0.921869
-49.162813 16.424529 2663.350
0.75000 9.751189 -188.624928 -0.921869
-49.162813 17.560301 2908.998
1.00000 9.751189 -167.106284 -0.921869
-49.162813 18.696072 3128.134

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 23.688757 -631.474198 -1.849157
-173.938074 32.909644 4912.551
0.25000 23.688757 -577.497711 -1.849157
-167.386136 35.187862 5657.296
0.50000 23.688757 -523.521225 -1.849157
-160.834198 37.466080 6335.540
0.75000 23.688757 -469.544738 -1.849157
-154.282260 39.744298 6947.284
1.00000 23.688757 -415.568252 -1.849157
-147.730322 42.022516 7492.527

ELEM 160 ========== LENGTH = 4.928666

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.647602 -152.995624 -0.663965
-20.421025 20.871405 3128.179
0.25000 10.647602 -131.474604 -0.663965
-20.421025 21.689521 3303.437
0.50000 10.647602 -109.953584 -0.663965
-20.421025 22.507636 3452.177
0.75000 10.647602 -88.432564 -0.663965
-20.421025 23.325751 3574.399
1.00000 10.647602 -66.911544 -0.663965
-20.421025 24.143866 3670.104

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 25.909647 -387.801519 -1.477104
-80.338593 47.408130 7492.783
0.25000 25.909647 -333.819073 -1.477104
-73.785932 49.228168 7937.361
0.50000 25.909647 -279.836627 -1.477104
-67.233270 51.048206 8315.424
0.75000 25.909647 -225.854181 -1.477104
-60.680609 52.868244 8626.972
1.00000 25.909647 -171.871735 -1.477104
-54.127948 54.688282 8872.004
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
81

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 161 ========== LENGTH = 4.928235

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 10.704261 -52.714906 -0.626856
10.333321 24.287359 3670.120
0.25000 10.704261 -31.195769 -0.626856
10.333321 25.059682 3721.811
0.50000 10.704261 -9.676632 -0.626856
10.333321 25.832006 3746.990
0.75000 10.704261 11.842504 -0.626856
10.333321 26.604329 3745.656
1.00000 10.704261 33.361641 -0.626856
10.333321 27.376653 3717.808

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 26.089584 -143.085164 -1.579015
21.734598 55.138355 8872.056
0.25000 26.089584 -89.107441 -1.579015
28.286686 57.083795 9015.093
0.50000 26.089584 -35.129719 -1.579015
34.838774 59.029235 9091.627
0.75000 26.089584 18.848003 -1.579015
41.390862 60.974675 9101.657
1.00000 26.089584 72.825726 -1.579015
47.942950 62.920114 9045.183

ELEM 162 ========== LENGTH = 4.927922

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 9.855368 48.083709 -1.032627
43.350671 25.333074 3717.796
0.25000 9.855368 69.601481 -1.032627
43.350671 26.605251 3645.303
0.50000 9.855368 91.119253 -1.032627
43.350671 27.877427 3546.301
0.75000 9.855368 112.637025 -1.032627
43.350671 29.149603 3420.789
1.00000 9.855368 134.154796 -1.032627
43.350671 30.421779 3268.768

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 24.051243 103.002690 -2.922729
129.817556 58.015863 9045.034
0.25000 24.051243 156.976989 -2.922729
136.369228 61.616608 8884.889
0.50000 24.051243 210.951287 -2.922729
142.920900 65.217353 8658.249
0.75000 24.051243 264.925586 -2.922729
149.472573 68.818098 8365.113
1.00000 24.051243 318.899884 -2.922729
156.024245 72.418843 8005.482

ELEM 163 ========== LENGTH = 4.927847

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 8.162174 149.469402 -1.253198
77.999768 26.343308 3268.701
0.25000 8.162174 170.708884 -1.253198
77.999768 27.887200 3071.420
0.50000 8.162174 191.392443 -1.253198
77.999768 29.431092 2848.315
0.75000 8.162174 211.520079 -1.253198
77.999768 30.974983 2600.072
1.00000 8.162174 231.091792 -1.253198
77.999768 32.518875 2327.374
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
82

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 19.936321 349.391395 -3.797772
237.874960 62.512624 8005.066
0.25000 19.936321 403.364869 -3.797772
244.426533 67.191334 7541.383
0.50000 19.936321 457.338343 -3.797772
250.978105 71.870044 7011.206
0.75000 19.936321 511.311817 -3.797772

```
257.529677    76.548754    6414.536
 1.00000    19.936321   565.285291    -3.797772
264.081250    81.227463    5751.373

 ELEM      164 ================== LENGTH
=     4.928892

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    5.829686   244.089761     0.624682
105.076567   26.861223   2327.246
 0.25000    5.829686   263.387607     0.624682
105.076567   26.091475   2014.583
 0.50000    5.829686   282.685454     0.624682
105.076567   25.321727   1678.141
 0.75000    5.829686   301.983300     0.624682
105.076567   24.551979   1317.920
 1.00000    5.829686   321.281146     0.624682
105.076567   23.782231   933.919582

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    14.249593   588.498447     1.389608
320.618431   67.434566   5750.708
 0.25000    14.249593   642.483374     1.389608
327.171393   65.722259   4992.286
 0.50000    14.249593   696.468301     1.389608
333.724356   64.009952   4167.343
 0.75000    14.249593   750.453228     1.389608
340.277319   62.297645   3275.878
 1.00000    14.249593   804.438155     1.389608
346.830281   60.585338   2317.891

 ELEM      165 ================== LENGTH
=     2.734364

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    2.672853   320.484496     3.587567
88.581041   16.360040   933.175186
 0.25000    2.672853   331.146207     3.587567
88.581041   13.908012   711.245752
 0.50000    2.672853   341.719906     3.587567
88.581041   11.455584   481.258152
 0.75000    2.672853   352.205593     3.587567
88.581041    9.003155   244.072548
 1.00000    2.672853   362.603268     3.587567
88.581041    6.550727   -0.250893

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.534567   787.908352     9.665919
277.547755   42.445898   2317.717
 0.25000    6.534567   817.857154     9.665919
281.183092   35.838364   1768.873
 0.50000    6.534567   847.805956     9.665919
284.818428   29.230829   1199.557
 0.75000    6.534567   877.754759     9.665919
288.453765   22.623294   609.768543
 1.00000    6.534567   907.703561     9.665919
292.089101   16.015759   -0.493016
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    83

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      166 ================== LENGTH
=     2.977110

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43667   35.394256    3.228384    -2.877180
-0.000179   -3.300741   21.829123
 0.57750   35.337803    4.170892    -2.877180
-0.000179   -2.094405   20.277949
 0.71833   35.281350    5.113401    -2.877180
-0.000179   -0.888068   18.331601
 0.85917   35.224897    6.055909    -2.877180
-0.000179    0.318269   15.990082
 1.00000   35.168444    6.998418    -2.877180
-0.000179    1.524605   13.253389

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43667   106.709898   -12.849421    -7.056636
 3.94E-05   -8.083286    1.510237
 0.57750   106.709898   -12.849421    -7.056636
 3.94E-05   -5.124598    6.897709
 0.71833   106.709898   -12.849421    -7.056636
 3.94E-05   -2.165910   12.285181
 0.85917   106.709898   -12.849421    -7.056636
 3.94E-05    0.792778   17.672653
 1.00000   106.709898   -12.849421    -7.056636
 3.94E-05    3.751466   23.060125

 ELEM      167 ================== LENGTH
=     2.977170

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   32.847153   11.599848    -2.660498
 0.000229   -1.405753   13.253678
 0.14084   32.790383   12.542352    -2.660498
 0.000229   -0.285226    8.192357
 0.28167   32.733613   13.484856    -2.660498
 0.000229    0.830301    2.735852
 0.42251   32.676843   14.427361    -2.660498
 0.000229    1.945827   -2.815838
 0.56334   32.620073   15.369865    -2.660498
 0.000229    3.061354   -9.362714

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   100.831577    2.788269    -6.339578
 0.001161   -3.327247   23.060268
 0.14084   100.831577    2.788269    -6.339578
 0.001161   -0.669110   21.891168
 0.28167   100.831577    2.788269    -6.339578
 0.001161    1.989027   20.722068
 0.42251   100.831577    2.788269    -6.339578
 0.001161    4.647164   19.552968
 0.56334   100.831577    2.788269    -6.339578
 0.001161    7.305301   18.383868

 ELEM      168 ================== LENGTH
=     2.976955

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43669   13.829013   -4.058194    -3.314356
-0.000232   -3.488873   10.384082
 0.57752   13.772562   -3.115772    -3.314356
-0.000232   -2.096366   11.887884
 0.71834   13.716111   -2.173351    -3.314356
-0.000232   -0.706860   12.996587
 0.85917   13.659660   -1.230929    -3.314356
-0.000232    0.682647   13.710191
 1.00000   13.603210   -0.288508    -3.314356
-0.000232    2.072154   14.028694
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    84

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43669   42.730935   -22.558045    -8.067132
-0.000334   -8.484346   -5.853635
 0.57752   42.730935   -22.558045    -8.067132
-0.000334   -5.102291    3.603574
 0.71834   42.730935   -22.558045    -8.067132
-0.000334   -1.720235   13.060783
 0.85917   42.730935   -22.558045    -8.067132
-0.000334    1.661820   22.517993
 1.00000   42.730935   -22.558045    -8.067132
-0.000334    5.043875   31.975202

 ELEM      169 ================== LENGTH
=     2.977141

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.739787    5.493241    -3.216957
 0.000350   -2.033043   14.001251
 0.14083   14.683018    6.435729    -3.216957
 0.000350   -0.684220   11.500430
 0.28167   14.626248    7.378217    -3.216957
 0.000350    0.664602    8.604437
 0.42250   14.569479    8,320706    -3.216957
 0.000350    2.013425    5.313274
 0.56334   14.512709    9.263194    -3.216957
 0.000350    3.362248    1.626938

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   44.165394   13.533021    -7.710176
 0.001636   -4.875528   31.937191
 0.14083   44.165394   13.533021    -7.710176
 0.001636   -1.642765   26.262994
 0.28167   44.165394   13.533021    -7.710176
 0.001636    1.589999   20.588797
 0.42250   44.165394   13.533021    -7.710176
 0.001636    4.822762   14.914600
 0.56334   44.165394   13.533021    -7.710176
 0.001636    8.055526    9.240403

 ELEM      170 ================== LENGTH
=     2.977211

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43665   -0.573570   -10.319340    -2.287878
-7.22E-05   -2.601413    3.198296
 0.57749   -0.630024   -9.376775    -2.287878
-7.22E-05   -1.642099    7.327613
 0.71833   -0.686479   -8.434209    -2.287878
-7.22E-05   -0.682786   11.061709
 0.85916   -0.742933   -7.491644    -2.287878
-7.22E-05    0.276528   14.400586
 1.00000   -0.799388   -6.549078    -2.287878
-7.22E-05    1.235841   17.344242

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43665   -1.766840   -30.065282    -5.437617
 0.000264   -6.194919   -8.306710
 0.57749   -1.766840   -30.065282    -5.437617
 0.000264   -3.914911    4.299744
 0.71833   -1.766840   -30.065282    -5.437617
 0.000264   -1.634904   16.906198
 0.85916   -1.766840   -30.065282    -5.437617
 0.000264    0.645104   29.512651
 1.00000   -1.766840   -30.065282    -5.437617
 0.000264    2.925111   42.119105
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    85

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      171 ================== LENGTH
=     2.977271

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -1.061794   -0.660388    -2.456026
 0.000297   -1.383090   17.246109
 0.14084   -1.118565    0.282173    -2.456026
 0.000297   -0.353235   17.325405
 0.28168   -1.175337    1.224734    -2.456026
 0.000297    0.676620   17.009468
 0.42252   -1.232108    2.167295    -2.456026
 0.000297    1.706475   16.298299
 0.56336   -1.288880    3.109857    -2.456026
 0.000297    2.736330   15.191898

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.950977   10.206349    -5.896595
 0.001024   -3.330533   41.927853
 0.14084   -3.950977   10.206349    -5.896595
 0.001024   -0.857986   37.648151
 0.28168   -3.950977   10.206349    -5.896595
 0.001024    1.614561   33.368448
 0.42252   -3.950977   10.206349    -5.896595
 0.001024    4.087107   29.088746
 0.56336   -3.950977   10.206349    -5.896595
 0.001024    6.559654   24.809043

 ELEM      172 ================== LENGTH
=     2.977533

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43660   -1.540637   -11.208306    -1.572179
-5.87E-05   -1.781030    4.550353
 0.57745   -1.597097   -10.265559    -1.572179
-5.87E-05   -1.121684    9.053244
 0.71830   -1.653556   -9.322811    -1.572179
-5.87E-05   -0.462339   13.160761
 0.85915   -1.710015   -8.380064    -1.572179
-5.87E-05    0.197007   16.872907
 1.00000   -1.766475   -7.437316    -1.572179
-5.87E-05    0.856353   20.189679

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43660   -4.837051   -29.508063    -3.632668
 7.07E-05   -4.128434   -0.293486
 0.57745   -4.837051   -29.508063    -3.632668
 7.07E-05   -2.604954   12.081703
 0.71830   -4.837051   -29.508063    -3.632668
 7.07E-05   -1.081474   24.456892
 0.85915   -4.837051   -29.508063    -3.632668
 7.07E-05    0.442007   36.832080
 1.00000   -4.837051   -29.508063    -3.632668
 7.07E-05    1.965487   49.207269

 ELEM      173 ================== LENGTH
=     2.977477

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -2.015930   -0.208067    -1.763416
 0.000251   -1.013652   20.073851
 0.14085   -2.072704    0.734611    -1.763416
 0.000251   -0.274129   19.963443
 0.28169   -2.129479    1.677289    -1.763416
 0.000251    0.465393   19.457704
 0.42254   -2.186254    2.619967    -1.763416
 0.000251    1.204916   18.556636
 0.56339   -2.243028    3.562644    -1.763416
 0.000251    1.944438   17.260237
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    86

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.956545   13.377409    -4.178337
 0.000851   -2.461662   48.969570
 0.14085   -6.956545   13.377409    -4.178337
 0.000851   -0.662396   43.359496
 0.28169   -6.956545   13.377409    -4.178337
 0.000851    1.089870   37.749421
 0.42254   -6.956545   13.377409    -4.178337
 0.000851    2.842136   32.139347
 0.56339   -6.956545   13.377409    -4.178337
 0.000851    4.594402   26.529273

 ELEM      174 ================== LENGTH
=     2.976819

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43671   -0.349970   -10.193598    -0.749837
-1.47E-05   -0.854955    7.073921
 0.57753   -0.406419   -9.251253    -0.749837
-1.47E-05   -0.440620   11.149609
 0.71835   -0.462868   -8.308908    -0.749837
-1.47E-05   -0.226284   14.830262
 0.85918   -0.519316   -7.366564    -0.749837
-1.47E-05    0.088051   18.115879
 1.00000   -0.575765   -6.424219    -0.749837
-1.47E-05    0.402386   21.006460

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43671   -1.168129   -26.405832    -1.616313
 7.75E-05   -1.855366    7.253213
 0.57753   -1.168129   -26.405832    -1.616313
 7.75E-05   -1.177800   18.322666
 0.71835   -1.168129   -26.405832    -1.616313
 7.75E-05   -0.500234   29.392120
 0.85918   -1.168129   -26.405832    -1.616313
 7.75E-05    0.177333   40.461573
 1.00000   -1.168129   -26.405832    -1.616313
 7.75E-05    0.854899   51.531026

 ELEM      175 ================== LENGTH
=     2.977871

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -0.777544    0.286037    -0.879281
 0.000105   -0.509457   20.868183
 0.14086   -0.834325    1.228937    -0.879281
 0.000105   -0.140626   20.550442
 0.28172   -0.891105    2.171838    -0.879281
 0.000105    0.228204   19.837184
 0.42258   -0.947886    3.114738    -0.879281
 0.000105    0.597034   18.724409
 0.56345   -1.004666    4.057638    -0.879281
 0.000105    0.965864   17.224119

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.188521   15.424519    -1.990634
 0.000336   -1.164304   51.243835
 0.14086   -3.188521   15.424519    -1.990634
 0.000336   -0.329297   44.773745
 0.28172   -3.188521   15.424519    -1.990634
 0.000336    0.505710   38.303655
 0.42258   -3.188521   15.424519    -1.990634
 0.000336    1.340717   31.833566
 0.56345   -3.188521   15.424519    -1.990634
 0.000336    2.175724   25.363476
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    87

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      176 ================== LENGTH
=     2.977068

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43667    0.249211   -9.999291     0.122693
-8.73E-06    0.128927    7.432293
 0.57750    0.192758   -9.056806     0.122693
-8.73E-06    0.077486   11.427089
 0.71834    0.136306   -8.114321     0.122693
-8.73E-06    0.026045   15.026732
 0.85917    0.079853   -7.171836     0.122693
-8.73E-06   -0.025396   18.231223
 1.00000    0.023401   -6.229351     0.122693
-8.73E-06   -0.076837   21.040561

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43667    0.634277   -26.160943     0.502867
-3.45E-05    0.536953    7.643150
 0.57750    0.634277   -26.160943     0.502867
-3.45E-05    0.326117   18.611571
 0.71834    0.634277   -26.160943     0.502867
-3.45E-05    0.115282   29.579991
 0.85917    0.634277   -26.160943     0.502867
-3.45E-05   -0.095553   40.548411
 1.00000    0.634277   -26.160943     0.502867
-3.45E-05   -0.306389   51.516831

 ELEM      177 ================== LENGTH
=     2.977234

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -0.176613    0.447345     0.049259
-2.51E-05    0.015725   20.904232
 0.14084   -0.233384    1.389886     0.049259
-2.51E-05   -0.004929   20.519049
 0.28168   -0.290155    2.332426     0.049259
-2.51E-05   -0.025584   19.738651
 0.42251   -0.346926    3.274967     0.049259
-2.51E-05   -0.046238   18.563037
 0.56335   -0.403697    4.217507     0.049259
-2.51E-05   -0.066893   16.992208

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -1.382432   15.532537     0.286904
-0.000104    0.126429   51.236642
 0.14084   -1.382432   15.532537     0.286904
-0.000104    0.006128   44.723717
 0.28168   -1.382432   15.532537     0.286904
-0.000104   -0.114174   38.210793
 0.42251   -1.382432   15.532537     0.286904
-0.000104   -0.234475   31.697868
 0.56335   -1.382432   15.532537     0.286904
-0.000104   -0.354776   25.184944

 ELEM      178 ================== LENGTH
=     2.977605

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43669    0.535565   -10.149668     0.936576
 2.45E-05    1.046227    6.243213
 0.57744    0.479105   -9.206880     0.936576
 2.45E-05    0.653426   10.302294
 0.71830    0.422645   -8.264092     0.936576
 2.45E-05    0.260625   13.965969
 0.85915    0.366184   -7.321304     0.936576
 2.45E-05   -0.132176   17.234237
 1.00000    0.309724   -6.378516     0.936576
 2.45E-05   -0.524978   20.107099
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    88

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43659    1.256332   -27.330916     2.465384
-6.27E-05    2.751021    3.016858
 0.57744    1.256332   -27.330916     2.465384
-6.27E-05    1.717036   14.479481
 0.71830    1.256332   -27.330916     2.465384
-6.27E-05    0.683051   25.942104
 0.85915    1.256332   -27.330916     2.465384
-6.27E-05   -0.350935   37.404727
 1.00000    1.256332   -27.330916     2.465384
-6.27E-05   -1.384920   48.867350

 ELEM      179 ================== LENGTH
=     2.977665

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    0.086663    0.212733     0.906072
-0.000162    0.499156   19.997147
 0.14085    0.029886    1.155517     0.906072
-0.000162    0.119135   19.710213
 0.28171   -0.026891    2.098301     0.906072
-0.000162   -0.260887   19.027861
 0.42256   -0.083669    3.041085     0.906072
-0.000162   -0.640908   17.950090
 0.56342   -0.140446    3.983869     0.906072
-0.000162   -1.020930   16.476899

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -0.819167   14.147665     2.369416
-0.000560    1.303345   48.652038
 0.14085   -0.819167   14.147665     2.369416
-0.000560    0.309574   42.750776
 0.28171   -0.819167   14.147665     2.369416
-0.000560   -0.684198   36.784514
 0.42256   -0.819167   14.147665     2.369416
-0.000560   -1.677970   30.850752
 0.56342   -0.819167   14.147665     2.369416
-0.000560   -2.671742   24.916990

 ELEM      180 ================== LENGTH
=     2.977216

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43665    0.903566   -10.278044     1.566588
 1.96E-05    1.757821    4.114901
 0.57749    0.847111   -9.335475     1.566588
 1.96E-05    1.100944    8.226915
 0.71832    0.790656   -8.392907     1.566588
 1.96E-05    0.444067   11.943737
 0.85916    0.734201   -7.450338     1.566588
 1.96E-05   -0.212810   15.265275
 1.00000    0.677747   -6.507769     1.566588
 1.96E-05   -0.869687   18.191621

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43665    1.872716   -29.093869     3.967293
-0.000182    4.448889    -5.156299
 0.57749    1.872716   -29.093869     3.967293
-0.000182    2.785387    7.042879
 0.71832    1.872716   -29.093869     3.967293
-0.000182    1.121884   19.242057
 0.85916    1.872716   -29.093869     3.967293
-0.000182   -0.541618   31.441235
 1.00000    1.872716   -29.093869     3.967293
-0.000182   -2.205120   43.640412
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1001.OUT

                        Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                    89

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      181 ================== LENGTH
=     2.978174

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    0.397774    0.036858     1.563694
-0.000215    0.867649   18.118472
 0.14087    0.340989    0.979928     1.563694
-0.000215    0.211612   17.905179
 0.28175    0.284204    1.922999     1.563694
-0.000215   -0.444426   17.296227
 0.42262    0.227419    2.866070     1.563694
-0.000215   -1.100463   16.291616
 0.56349    0.170634    3.809141     1.563694
-0.000215   -1.756501   14.891346

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -0.351842   12.403605     3.947217
-0.000780    2.188785   43.522535
 0.14087   -0.351842   12.403605     3.947217
-0.000780    0.532756   38.318684
 0.28175   -0.351842   12.403605     3.947217
-0.000780   -1.123273   33.114833
 0.42262   -0.351842   12.403605     3.947217
-0.000780   -2.779301   27.910982
 0.56349   -0.351842   12.403605     3.947217
-0.000780   -4.435330   22.707132

 ELEM      182 ================== LENGTH
=     2.977796

 LOAD    STEEL -------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43656    0.954834   -9.740836     1.850947
 0.000121    2.081416    2.352337
 0.57742    0.898371   -8.797940     1.850947
 0.000121    1.305038    6.240373
 0.71828    0.841907   -7.855045     1.850947
 0.000121    0.528660    9.732191
 0.85914    0.785444   -6.912149     1.850947
 0.000121   -0.247717   12.829953
 1.00000    0.728981   -5.969253     1.850947
 0.000121   -1.024095   15.531499

 LOAD    CONC --------------------

 REL DIST          P           V2          V3
        T          M2          M3
 0.43656    2.232321   -31.160483     4.627859
```

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 2.05E-05    5.200100   -15.875506
0.57742     2.232321   -31.160483     4.627859
 2.05E-05    3.258950    -2.805274
0.71828     2.232321   -31.160483     4.627859
 2.05E-05    1.317799    10.264958
0.85914     2.232321   -31.160483     4.627859
 2.05E-05   -0.623352    23.335190
1.00000     2.232321   -31.160483     4.627859
 2.05E-05   -2.564503    36.405422

ELEM      183 ================== LENGTH
=     2.976771

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000     0.307301     1.504510     1.890932
-0.000294    0.053606    15.528093
0.14082     0.250537     2.446789     1.890932
-0.000294    0.260942    14.699915
0.28164     0.193772     3.389068     1.890932
-0.000294   -0.531723    13.476741
0.42246     0.137008     4.331347     1.890932
-0.000294   -1.324388    11.858570
0.56329     0.080244     5.273626     1.890932
-0.000294   -2.117052     9.845403
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          90

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -0.330733    12.498824     4.700262
-0.001055    2.616977    36.453756
0.14082    -0.330733    12.498824     4.700262
-0.001055    0.646662    31.214341
0.28164    -0.330733    12.498824     4.700262
-0.001055   -1.323653    25.974926
0.42246    -0.330733    12.498824     4.700262
-0.001055   -3.293968    20.735511
0.56329    -0.330733    12.498824     4.700262
-0.001055   -5.264283    15.496096

ELEM      184 ================== LENGTH
=     2.977458

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43661    -1.845274    -5.406590     1.711570
 0.000118    1.935051     5.577277
0.57746    -1.901733    -4.463885     1.711570
 0.000118    1.217279     7.646940
0.71831    -1.958191    -3.521180     1.711570
 0.000118    0.499507     9.321266
0.85915    -2.014649    -2.578475     1.711570
 0.000118   -0.218264    10.600256
1.00000    -2.071107    -1.635771     1.711570
 0.000118   -0.936036    11.483908

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43661    -1.327990   -27.324112     4.292859
-7.50E-05    4.842692   -19.329236
0.57746    -1.327990   -27.324112     4.292859
-7.50E-05    3.042420    -7.870475
0.71831    -1.327990   -27.324112     4.292859
-7.50E-05    1.242147     3.588285
0.85915    -1.327990   -27.324112     4.292859
-7.50E-05   -0.558125    15.047045
1.00000    -1.327990   -27.324112     4.292859
-7.50E-05   -2.358397    26.505805

ELEM      185 ================== LENGTH
=     2.977431

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -2.612555     6.076970     1.818951
-0.000194    1.015904    11.544547
0.14085    -2.669329     7.019622     1.818951
-0.000194    0.253113     8.798467
0.28169    -2.726103     7.962274     1.818951
-0.000194   -0.509678     5.657080
0.42254    -2.782877     8.904926     1.818951
-0.000194   -1.272470     2.120383
0.56338    -2.839651     9.847578     1.818951
-0.000194   -2.035261    -1.811621

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -4.227229    17.799713     4.463465
-0.000720    2.485996    26.710969
0.14085    -4.227229    17.799713     4.463465
-0.000720    0.614207    19.246520
0.28169    -4.227229    17.799713     4.463465
-0.000720   -1.257582    11.782071
0.42254    -4.227229    17.799713     4.463465
-0.000720   -3.129371     4.317621
0.56338    -4.227229    17.799713     4.463465
-0.000720   -5.001160    -3.146828
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          91

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      186 ================== LENGTH
=     2.977195

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43665    -10.419957     3.690515     1.276671
 0.000223    1.397904    15.925506
0.57749    -10.476411     4.633072     1.276671
 0.000223    0.862597    14.180471
0.71833    -10.532865     5.575629     1.276671
 0.000223    0.327291    12.040223
0.85916    -10.589320     6.518185     1.276671
 0.000223   -0.208016     9.504762
1.00000    -10.645774     7.460742     1.276671
 0.000223   -0.743322     6.574088

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43665   -13.434545   -10.760800     3.285861
 0.000577    3.581120    -4.555083
0.57749   -13.434545   -10.760800     3.285861
 0.000577    2.203363    -0.043092
0.71833   -13.434545   -10.760800     3.285861
 0.000577    0.825605     4.468899
0.85916   -13.434545   -10.760800     3.285861
 0.000577   -0.552152     8.980889
1.00000   -13.434545   -10.760800     3.285861
 0.000577   -1.929910    13.492880

ELEM      187 ================== LENGTH
=     2.978250

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000   -10.980788    14.257170     1.442062
-0.000228    0.866179     6.684473
0.14088    -11.037575    15.200284     1.442062
-0.000228    0.261144     0.504851
0.28175    -11.094361    16.143398     1.442062
-0.000228   -0.343891    -6.070466
0.42263    -11.151147    17.086512     1.442062
-0.000228   -0.948926   -13.041479
0.56350    -11.207933    18.029627     1.442062
-0.000228   -1.553961   -20.408187

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -15.588645    28.667283     3.531221
-0.000996    2.113491    13.796076
0.14088    -15.588645    28.667283     3.531221
-0.000996    0.631923     1.768358
0.28175    -15.588645    28.667283     3.531221
-0.000996   -0.849645   -10.259360
0.42263    -15.588645    28.667283     3.531221
-0.000996   -2.331214   -22.287078
0.56350    -15.588645    28.667283     3.531221
-0.000996   -3.812782   -34.314797

ELEM      188 ================== LENGTH
=     2.977394

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43662   -15.092917     6.595546     0.783565
-5.74E-06    0.824800    19.175042
0.57747   -15.149374     7.538215     0.783565
-5.74E-06    0.496214    16.215756
0.71831   -15.205831     8.480884     0.783565
-5.74E-06    0.167627    12.852763
0.85916   -15.262289     9.423553     0.783565
-5.74E-06   -0.160960     9.098663
1.00000   -15.318746    10.366222     0.783565
-5.74E-06   -0.489547     4.949256
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          92

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43662   -19.967220    -2.684281     2.069288
-4.32E-05    2.175837     2.369837
0.57747   -19.967220    -2.684281     2.069288
-4.32E-05    1.308084     3.495487
0.71831   -19.967220    -2.684281     2.069288
-4.32E-05    0.440332     4.621136
0.85916   -19.967220    -2.684281     2.069288
-4.32E-05   -0.427421     5.746786
1.00000   -19.967220    -2.684281     2.069288
-4.32E-05   -1.295174     6.872436

ELEM      189 ================== LENGTH
=     2.977377

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000   -16.105390    19.084702     0.807521
-9.59E-05    0.509084     5.057721
0.14084   -16.162163    20.027323     0.807521
-9.59E-05    0.170455    -3.142979
0.28169   -16.218936    20.969944     0.807521
-9.59E-05   -0.168174   -11.738960
0.42253   -16.275709    21.912565     0.807521
-9.59E-05   -0.506803   -20.730225
0.56337   -16.332483    22.855186     0.807521
-9.59E-05   -0.845432   -30.116772

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000   -22.679288    32.217154     2.109565
-0.000280    1.327532     7.137776
0.14084   -22.679288    32.217154     2.109565
-0.000280    0.442899    -6.372298
0.28169   -22.679288    32.217154     2.109565
-0.000280   -0.441735   -19.882373
0.42253   -22.679288    32.217154     2.109565
-0.000280   -1.326368   -33.392447
0.56337   -22.679288    32.217154     2.109565
-0.000280   -2.211002   -46.902521

ELEM      190 ================== LENGTH
=     2.977627

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43659   -10.232676     3.462300     0.189551
-0.000232    0.193262    15.247020
0.57744   -10.289106     4.405191     0.189551
-0.000232    0.113764    13.597199
0.71829   -10.345597     5.347902     0.189551
-0.000232    0.034265    11.551961
0.85915   -10.402058     6.290702     0.189551
-0.000232   -0.045234     9.111306
1.00000   -10.458519     7.233503     0.189551
-0.000232   -0.124733     6.275234

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43659   -12.925717   -11.887620     0.584904
-0.000654    0.614283    -7.727489
0.57744   -12.925717   -11.887620     0.584904
-0.000654    0.368970    -2.243740
0.71829   -12.925717   -11.887620     0.584904
-0.000654    0.123657     2.742009
0.85915   -12.925717   -11.887620     0.584904
-0.000654   -0.121656     7.727757
1.00000   -12.925717   -11.887620     0.584904
-0.000654   -0.366968    12.713506
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          93

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      191 ================== LENGTH
=     2.977613

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000   -11.064374    13.883000     0.063715
 2.49E-05    0.034926     6.382760
0.14085   -11.121150    14.825755     0.063715
 2.49E-05    0.008204     0.362488
0.28170   -11.177927    15.768509     0.063715
 2.49E-05   -0.018519    -6.053178
0.42256   -11.234704    16.711263     0.063715
 2.49E-05   -0.045241    12.264238
0.56341   -11.291480    17.654017     0.063715
 2.49E-05   -0.071964   -20.070693

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000   -15.791744    27.189984     0.403433
 0.000410    0.236482    13.006910
0.14085   -15.791744    27.189984     0.403433
 0.000410    0.067281     1.603343
0.28170   -15.791744    27.189984     0.403433
 0.000410   -0.101920    -9.800223
0.42256   -15.791744    27.189984     0.403433
 0.000410   -0.271121   -21.203790
0.56341   -15.791744    27.189984     0.403433
 0.000410   -0.440322   -32.607356

ELEM      192 ================== LENGTH
=     2.977542

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43660    -1.842533    -5.418552    -0.388166
-0.000128   -0.449258     5.016132
0.57745    -1.898993    -4.475500    -0.388166
-0.000128   -0.286467     7.090906
0.71830    -1.955452    -3.533047    -0.388166
-0.000128   -0.123676     8.770303
0.85915    -2.011912    -2.590294    -0.388166
-0.000128    0.039115    10.054324
1.00000    -2.068371    -1.647542    -0.388166
-0.000128    0.201906    10.942968

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43660    -1.295103   -27.785929    -0.790447
-8.74E-07   -0.916193   -21.558650
0.57745    -1.295103   -27.785929    -0.790447
-8.74E-07   -0.584691    -9.905632
0.71830    -1.295103   -27.785929    -0.790447
-8.74E-07   -0.253189     1.747386
0.85915    -1.295103   -27.785929    -0.790447
-8.74E-07    0.078313    13.400404
1.00000    -1.295103   -27.785929    -0.790447
-8.74E-07    0.409815    25.053422

ELEM      193 ================== LENGTH
=     2.977533

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -2.613301     5.968477    -0.461281
-8.40E-06   -0.254204    11.026849
0.14085    -2.670076     6.911186    -0.461281
-8.40E-06   -0.060751     8.326091
0.28170    -2.726851     7.853896    -0.461281
-8.40E-06    0.132703     5.229978
0.42255    -2.783627     8.796605    -0.461281
-8.40E-06    0.326156     1.738507
0.56340    -2.840402     9.739314    -0.461281
-8.40E-06    0.519610    -2.148319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          94

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -4.200245    17.102835    -0.907009
 0.000135   -0.495198    25.316950
0.14085    -4.200245    17.102835    -0.907009
 0.000135   -0.114813    18.144308
0.28170    -4.200245    17.102835    -0.907009
 0.000135    0.265571    10.971666
0.42255    -4.200245    17.102835    -0.907009
 0.000135    0.645956     3.799024
0.56340    -4.200245    17.102835    -0.907009
 0.000135    1.026340    -3.373618

ELEM      194 ================== LENGTH
=     2.976473

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43676    0.946181    -9.696535    -0.638119
-0.000126   -0.722025     1.535035
0.57757    0.889737    -8.754386    -0.638119
-0.000126   -0.644578     5.401593
0.71838    0.833293    -7.812237    -0.638119
-0.000126   -0.187131     8.873280
0.85919    0.776850    -6.870088    -0.638119
-0.000126    0.080316    11.950094
1.00000    0.720406    -5.927939    -0.638119
-0.000126    0.347763    14.632037

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43676    2.228447   -31.337753    -1.392243
-8.88E-05   -0.979242   -18.547542
0.57757    2.228447   -31.337753    -1.392243
-8.88E-05   -0.995728    -5.413320
0.71838    2.228447   -31.337753    -1.392243
-8.88E-05   -0.412214     7.720902
0.85919    2.228447   -31.337753    -1.392243
-8.88E-05    0.171301    20.855124
1.00000    2.228447   -31.337753    -1.392243
-8.88E-05    0.754815    33.989346

ELEM      195 ================== LENGTH
=     2.977593

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    0.275950     1.263217    -0.652260
 0.000102   -0.358335    14.665788
0.14085    0.219174     2.205960    -0.652260
 0.000102   -0.084778    13.938305
0.28170    0.162397     3.148703    -0.652260
 0.000102    0.188779    12.815436
0.42255    0.105621     4.091447    -0.652260
 0.000102    0.462335    11.297183
0.56341    0.048845     5.034190    -0.652260
 0.000102    0.735892     9.383545

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -0.388934    11.624743    -1.430266
 0.000492   -0.785353    34.129697
0.14085    -0.388934    11.624743    -1.430266
 0.000492   -0.185501    29.254300
0.28170    -0.388934    11.624743    -1.430266
 0.000492    0.414350    24.378903
0.42255    -0.388934    11.624743    -1.430266
 0.000492    1.014201    19.503506
0.56341    -0.388934    11.624743    -1.430266
 0.000492    1.614052    14.628109
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          95

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      196 ================== LENGTH
=     2.977541

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43660    0.925713   -10.533976    -0.560488
-2.74E-05   -0.633197     2.731816
0.57745    0.869253    -9.591224    -0.560488
-2.74E-05   -0.398136     6.951921
0.71830    0.812794    -8.648473    -0.560488
-2.74E-05   -0.163076    10.776651
0.85915    0.756334    -7.705721    -0.560488
-2.74E-05    0.071985    14.206004
1.00000    0.699875    -6.762969    -0.560488
-2.74E-05    0.307046    17.239981

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43660    1.917842   -29.921465    -1.231590
 0.000107   -1.395696    -9.222713
0.57745    1.917842   -29.921465    -1.231590
 0.000107   -0.879186     3.325906
0.71830    1.917842   -29.921465    -1.231590
 0.000107   -0.362675    15.874526
0.85915    1.917842   -29.921465    -1.231590
 0.000107    0.153835    28.423145
1.00000    1.917842   -29.921465    -1.231590
 0.000107    0.670346    40.971764

ELEM      197 ================== LENGTH
=     2.977660

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    0.338184     0.099219    -0.561551
 6.11E-05   -0.308161    17.230306
0.14085    0.281407     1.042000    -0.561551
 6.11E-05   -0.072638    16.990984
0.28171    0.224630     1.984781    -0.561551
 6.11E-05    0.162885    16.356245
0.42256    0.167852     2.927562    -0.561551
 6.11E-05    0.398408    15.326090
0.56342    0.111075     3.870342    -0.561551
 6.11E-05    0.633931    13.900519

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -0.501496    12.298796    -1.250326
 0.000305   -0.686366    41.005149
0.14085    -0.501496    12.298796    -1.250326
 0.000305   -0.161960    35.846849
0.28171    -0.501496    12.298796    -1.250326
 0.000305    0.362445    30.688550
0.42256    -0.501496    12.298796    -1.250326
 0.000305    0.886851    25.530250
0.56342    -0.501496    12.298796    -1.250326
 0.000305    1.411257    20.371951

ELEM      198 ================== LENGTH
=     2.977743

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43657    0.554939   -10.271961    -0.242678
-1.94E-05   -0.273713     4.469821
0.57743    0.498477    -9.329095    -0.242678
-1.94E-05   -0.171925     8.580513
0.71829    0.442014    -8.386230    -0.242678
-1.94E-05   -0.070137    12.295732
0.85914    0.385552    -7.443364    -0.242678
-1.94E-05    0.031650    15.615481
1.00000    0.329089    -6.500498    -0.242678
-1.94E-05    0.133438    18.539758
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          96

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43657    1.243116   -28.101592    -0.487994
 1.52E-05   -0.553026    -2.653226
0.57743    1.243116   -28.101592    -0.487994
 1.52E-05   -0.348344     9.133585
0.71829    1.243116   -28.101592    -0.487994
 1.52E-05   -0.143662    20.920396
0.85914    1.243116   -28.101592    -0.487994
 1.52E-05    0.061021    32.707206
1.00000    1.243116   -28.101592    -0.487994
 1.52E-05    0.265703    44.494017

ELEM      199 ================== LENGTH
=     2.977803

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    0.021322     0.105153    -0.241019
 5.26E-05   -0.132250    18.503405
0.14086    -0.035458     1.048015    -0.241019
 5.26E-05   -0.031154    18.261556
0.28172    -0.092237     1.990576    -0.241019
 5.26E-05    0.069941    17.624224
0.42258    -0.149017     2.933738    -0.241019
 5.26E-05    0.171037    16.591408
0.56344    -0.205796     3.876599    -0.241019
 5.26E-05    0.272132    15.163107

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -1.034520    13.346617    -0.493020
 0.000189   -0.270263    44.457598
0.14086    -1.034520    13.346617    -0.493020
 0.000189   -0.063466    38.859350
0.28172    -1.034520    13.346617    -0.493020
 0.000189    0.143332    33.261103
0.42258    -1.034520    13.346617    -0.493020
 0.000189    0.350130    27.662855
0.56344    -1.034520    13.346617    -0.493020
 0.000189    0.556928    22.064608

ELEM      200 ================== LENGTH
=     2.976964

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43669    0.461572   -10.273932     0.176610
 3.00E-05    0.198692     4.614686
0.57751    0.405121    -9.331506     0.176610
 3.00E-05    0.124650     8.724388
0.71834    0.348670    -8.389079     0.176610
 3.00E-05    0.050608    12.834087
0.85917    0.292219    -7.446652     0.176610
 3.00E-05   -0.023435    15.758482
1.00000    0.235768    -6.504226     0.176610
 3.00E-05   -0.097477    18.682872

 LOAD    CONC --------------------

REL DIST          P             V2            V3
        T         M2            M3
0.43669    1.014424   -28.043448     0.506819
 3.21E-05    0.569515    -2.101010
0.57751    1.014424   -28.043448     0.506819
 3.21E-05    0.357036     9.655956
0.71834    1.014424   -28.043448     0.506819
 3.21E-05    0.144557    21.412921
0.85917    1.014424   -28.043448     0.506819
 3.21E-05   -0.067922    33.169887
1.00000    1.014424   -28.043448     0.506819
 3.21E-05   -0.280401    44.926853
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          97

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      201 ================== LENGTH
=     2.978021

 LOAD    STEEL -------------------

REL DIST          P             V2            V3
        T         M2            M3
0.00000    -0.065364     0.115896     0.181681
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-2.31E-05    0.101803   18.636545
0.14087   -0.122147    1.058881    0.181681
-2.31E-05    0.025587   18.390132
0.28173   -0.178929    2.001866    0.181681
-2.31E-05   -0.050629   17.748132
0.42260   -0.235712    2.944851    0.181681
-2.31E-05   -0.126845   16.710545
0.56347   -0.292495    3.887835    0.181681
-2.31E-05   -0.203062   15.277371

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.246796  13.437279    0.519873
-0.000116    0.291259   44.870307
0.14087   -1.246796  13.437279    0.519873
-0.000116    0.073169   39.233296
0.28173   -1.246796  13.437279    0.519873
-0.000116   -0.144920   33.596286
0.42260   -1.246796  13.437279    0.519873
-0.000116   -0.363010   27.959276
0.56347   -1.246796  13.437279    0.519873
-0.000116   -0.581100   22.322265

ELEM      202 ================== LENGTH
=     2.977259

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43664    0.616315  -10.397863    0.557469
 4.12E-05    0.629421    3.274425
0.57748    0.559860   -9.455270    0.557469
 4.12E-05    0.395667    7.436780
0.71832    0.503404   -8.512678    0.557469
 4.12E-05    0.161912   11.203892
0.85916    0.446949   -7.570085    0.557469
 4.12E-05   -0.071843   14.575761
1.00000    0.390494   -6.627493    0.557469
 4.12E-05   -0.305598   17.552387

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43664    1.156319  -29.368256    1.405842
-5.39E-05    1.587758   -7.252265
0.57748    1.156319  -29.368256    1.405842
-5.39E-05    0.998267    5.062275
0.71832    1.156319  -29.368256    1.405842
-5.39E-05    0.408777   17.376816
0.85916    1.156319  -29.368256    1.405842
-5.39E-05   -0.180713   29.691356
1.00000    1.156319  -29.368256    1.405842
-5.39E-05   -0.770203   42.005897

ELEM      203 ================== LENGTH
=     2.977363

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.065411   -0.047501    0.567987
-4.71E-05    0.314357   17.523487
0.14084    0.008638    0.895112    0.567987
-4.71E-05    0.076177   17.345768
0.28169   -0.048135    1.837726    0.567987
-4.71E-05   -0.162003   16.772773
0.42253   -0.104908    2.780339    0.567987
-4.71E-05   -0.273183   15.804501
0.56337   -0.161681    3.722952    0.567987
-4.71E-05   -0.638363   14.440954
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          98

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.173210  12.160232    1.438867
-0.000270    0.797339   41.989732
0.14084   -1.173210  12.160232    1.438867
-0.000270    0.193964   36.890451
0.28169   -1.173210  12.160232    1.438867
-0.000270   -0.409412   31.791170
0.42253   -1.173210  12.160232    1.438867
-0.000270   -1.012787   26.691889
0.56337   -1.173210  12.160232    1.438867
-0.000270   -1.616163   21.592608

ELEM      204 ================== LENGTH
=     2.977668

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43658    0.712596   -9.740521    0.748664
 0.000128    0.845898    2.261954
0.57744    0.656134   -8.797698    0.748664
 0.000128    0.531896    6.149577
0.71829    0.599673   -7.854874    0.748664
 0.000128    0.217894    9.641763
0.85915    0.543212   -6.912050    0.748664
 0.000128   -0.096109   12.738513
1.00000    0.486750   -5.969227    0.748664
 0.000128   -0.410111   15.439827

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43658    1.642196  -30.904466    1.846884
 0.000111    2.086138  -15.412230
0.57744    1.642196  -30.904466    1.846884
 0.000111    1.311523   -2.450370
0.71829    1.642196  -30.904466    1.846884
 0.000111    0.536909   10.511490
0.85915    1.642196  -30.904466    1.846884
 0.000111   -0.237706   23.473350
1.00000    1.642196  -30.904466    1.846884
 0.000111   -1.012320   36.435210

ELEM      205 ================== LENGTH
=     2.977689

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.070894    1.234294    0.768336
-9.78E-05    0.425575   15.446469
0.14085    0.014176    2.177091    0.768336
-9.78E-05    0.103318   14.731064
0.28171   -0.042602    3.119888    0.768336
-9.78E-05   -0.218939   13.620228
0.42256   -0.099380    4.062686    0.768336
-9.78E-05   -0.541196   12.113963
0.56342   -0.156157    5.005483    0.768336
-9.78E-05   -0.863453   10.212268

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.904463  12.093737    1.888154
-0.000485    1.046121   36.508696
0.14085   -0.904463  12.093737    1.888154
-0.000485    0.254188   31.436314
0.28171   -0.904463  12.093737    1.888154
-0.000485   -0.537746   26.363933
0.42256   -0.904463  12.093737    1.888154
-0.000485   -1.329679   21.291551
0.56342   -0.904463  12.093737    1.888154
-0.000485   -2.121613   16.219170
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          99

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      206 ================== LENGTH
=     2.977077

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43667   -0.467737   -5.310193    0.655948
 0.000131    0.746649    6.430407
0.57750   -0.524184   -4.367703    0.655948
 0.000131    0.471631    8.459230
0.71833   -0.580636   -3.425213    0.655948
 0.000131    0.196612   10.092895
0.85917   -0.637089   -2.482723    0.655948
 0.000131   -0.078407   11.331403
1.00000   -0.693542   -1.540233    0.655948
 0.000131   -0.353426   12.174753

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43667    2.029304  -26.483406    1.631644
 1.91E-05    1.849991  -15.724902
0.57750    2.029304  -26.483406    1.631644
 1.91E-05    1.165893   -4.621223
0.71833    2.029304  -26.483406    1.631644
 1.91E-05    0.481795    6.482455
0.85917    2.029304  -26.483406    1.631644
 1.91E-05   -0.202303   17.586133
1.00000    2.029304  -26.483406    1.631644
 1.91E-05   -0.886401   28.689812

ELEM      207 ================== LENGTH
=     2.977171

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.197387    5.913923    0.701840
-1.23E-05    0.387507   12.224400
0.14084   -1.254157    6.856428    0.701840
-1.23E-05    0.093231    9.547442
0.28167   -1.310928    7.798934    0.701840
-1.23E-05   -0.201046    6.474997
0.42251   -1.367698    8.741439    0.701840
-1.23E-05   -0.495322    3.007367
0.56334   -1.424468    9.683944    0.701840
-1.23E-05   -0.789599   -0.855449

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.776621   18.008638    1.669869
-0.000199    0.917165   28.869878
0.14084   -0.776621   18.008638    1.669869
-0.000199    0.217000   21.318985
0.28167   -0.776621   18.008638    1.669869
-0.000199   -0.483164   13.768091
0.42251   -0.776621   18.008638    1.669869
-0.000199   -1.183328    6.217198
0.56334   -0.776621   18.008638    1.669869
-0.000199   -1.883493   -1.333695

ELEM      208 ================== LENGTH
=     2.977599

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43659   -4.338751    3.976263    0.280862
 0.000218    0.313138   18.168926
0.57745   -4.395212    4.919047    0.280862
 0.000218    0.195344   16.303581
0.71830   -4.451672    5.861831    0.280862
 0.000218    0.077551   14.042832
0.85915   -4.508132    6.804616    0.280862
 0.000218   -0.040243   11.386680
1.00000   -4.564593    7.747400    0.280862
 0.000218   -0.158036    8.335125
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         100

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43659    1.407415   -9.095743    0.768747
 0.000613    0.842045    3.233961
0.57745    1.407415   -9.095743    0.768747
 0.000613    0.519632    7.048713
0.71830    1.407415   -9.095743    0.768747
 0.000613    0.197220   10.863464
0.85915    1.407415   -9.095743    0.768747
 0.000613   -0.125192   14.678216
1.00000    1.407415   -9.095743    0.768747
 0.000613   -0.447605   18.492967

ELEM      209 ================== LENGTH
=     2.977688

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -5.047175   14.391617    0.348811
-5.36E-05    0.207448   -3.411689
0.14085   -5.103952   15.334413    0.348811
-5.36E-05    0.061149    2.177813
0.28171   -5.160730   16.277210    0.348811
-5.36E-05   -0.085150   -4.451492
0.42256   -5.217508   17.220007    0.348811
-5.36E-05   -0.231449   -11.47827
0.56342   -5.274286   18.162804    0.348811
-5.36E-05   -0.377748   -18.896392

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.120748   29.967585    0.793699
-0.000509    0.466562   18.709903
0.14085   -1.120748   29.967585    0.793699
-0.000509    0.133667    6.140838
0.28171   -1.120748   29.967585    0.793699
-0.000509   -0.199228   -6.426226
0.42256   -1.120748   29.967585    0.793699
-0.000509   -0.532123   -18.997291
0.56342   -1.120748   29.967585    0.793699
-0.000509   -0.865018   -31.566356

ELEM      210 ================== LENGTH
=     2.977323

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43663   -6.542535    7.832210   -0.188497
 8.90E-06   -0.198492   23.887106
0.57748   -6.598991    8.774839   -0.188497
 8.90E-06   -0.119449   20.405182
0.71832   -6.655447    9.717468   -0.188497
 8.90E-06   -0.040406   16.527985
0.85916   -6.711904   10.660097   -0.188497
 8.90E-06    0.038636   12.255515
1.00000   -6.768360   11.602726   -0.188497
 8.90E-06    0.117679    7.587771

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43663    0.887965    1.742297   -0.393458
 2.65E-05   -0.414604   17.007286
0.57748    0.887965    1.742297   -0.393458
 2.65E-05   -0.249615   16.276687
0.71832    0.887965    1.742297   -0.393458
 2.65E-05   -0.084625   15.546088
0.85916    0.887965    1.742297   -0.393458
 2.65E-05    0.080364   14.815490
1.00000    0.887965    1.742297   -0.393458
 2.65E-05    0.245353   14.084891
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         101

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      211 ================== LENGTH
=     2.977383

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -7.478432   19.858037   -0.194617
 3.01E-05   -0.122722    7.676081
0.14084   -7.535205   20.800662   -0.194617
 3.01E-05   -0.041111   -0.848946
0.28169   -7.591978   21.743287   -0.194617
 3.01E-05    0.040501   -9.769260
0.42253   -7.648752   22.685912   -0.194617
 3.01E-05    0.122113   -19.084859
0.56337   -7.705525   23.628536   -0.194617
 3.01E-05    0.203725   -28.795744

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.636766   35.514589   -0.408918
 7.14E-05   -0.258142   14.300433
0.14084   -1.636766   35.514589   -0.408918
 7.14E-05   -0.086664   -0.592461
0.28169   -1.636766   35.514589   -0.408918
 7.14E-05    0.084815   -15.485355
0.42253   -1.636766   35.514589   -0.408918
 7.14E-05    0.256293   -30.378249
0.56337   -1.636766   35.514589   -0.408918
 7.14E-05    0.427771   -45.271143

ELEM      212 ================== LENGTH
=     2.977081

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43667   -4.392699    4.134162   -0.631490
-0.000203   -0.693986   18.465750
0.57750   -4.449152    5.076654   -0.631490
-0.000203   -0.472221   16.534839
0.71833   -4.505605    6.019147   -0.631490
-0.000203   -0.164456   14.208769
0.85917   -4.562057    6.961640   -0.631490
-0.000203    0.100309   11.487539
1.00000   -4.618510    7.904132   -0.631490
-0.000203    0.365074    8.371151

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43667    1.292258   -8.771544   -1.500128
-0.000565    1.637173    3.889204
0.57750    1.292258   -8.771544   -1.500128
-0.000565    1.008214    7.566852
0.71833    1.292258   -8.771544   -1.500128
-0.000565   -0.379254   11.244501
0.85917    1.292258   -8.771544   -1.500128
-0.000565    0.249705   14.922149
1.00000    1.292258   -8.771544   -1.500128
-0.000565    0.878664   18.599798

ELEM      213 ================== LENGTH
=     2.977141

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -5.036861   14.609082   -0.712216
 0.000114   -0.424937    8.447481
0.14083   -5.093630   15.551570   -0.712216
 0.000114   -0.126316    2.124521
0.28167   -5.150400   16.494058   -0.712216
 0.000114    0.172306   -4.593610
0.42250   -5.207169   17.436547   -0.712216
 0.000114    0.470928   -11.706913
0.56334   -5.263939   18.379035   -0.712216
 0.000114    0.769549   -19.215388
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         102

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.102314   30.440945   -1.556861
 0.000654   -0.923779   18.816929
0.14083   -1.102314   30.440945   -1.556861
 0.000654   -0.271010    6.053487
0.28167   -1.102314   30.440945   -1.556861
 0.000654    0.381759   -6.709956
0.42250   -1.102314   30.440945   -1.556861
 0.000654    1.034528   -19.473398
0.56334   -1.102314   30.440945   -1.556861
 0.000654    1.687297   -32.236840

ELEM      214 ================== LENGTH
=     2.977780

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -0.479026   -5.234524   -0.966248
-0.000116   -1.096276    6.625973
0.57743   -0.535489   -4.291637   -0.966248
-0.000116   -0.690988    8.623823
0.71828   -0.591952   -3.348751   -0.966248
-0.000116   -0.285700   10.226184
0.85914   -0.648415   -2.405864   -0.966248
-0.000116    0.119588   11.433056
1.00000   -0.704878   -1.462978   -0.966248
-0.000116    0.524876   12.244439

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43657    2.002737  -26.331115   -2.273038
 3.19E-05   -2.573882   -15.268143
0.57743    2.002737  -26.331115   -2.273038
 3.19E-05   -1.620468   -4.223691
0.71828    2.002737  -26.331115   -2.273038
 3.19E-05   -0.667053    6.820762
0.85914    2.002737  -26.331115   -2.273038
 3.19E-05    0.286361   17.865214
1.00000    2.002737  -26.331115   -2.273038
 3.19E-05    1.239775   28.909667

ELEM      215 ================== LENGTH
=     2.976842

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.206842    6.017145   -1.026840
 7.01E-05   -0.570344   12.284544
0.14082   -1.263607    6.959464   -1.026840
 7.01E-05   -0.139882    9.564580
0.28165   -1.320372    7.901783   -1.026840
 7.01E-05    0.290580    6.449585
0.42247   -1.377137    8.844102   -1.026840
 7.01E-05    0.721042    2.939560
0.56330   -1.433902    9.786421   -1.026840
 7.01E-05    1.151504   -0.965494

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.797723   18.227998   -2.347932
 0.000337   -1.299173   29.063228
0.14082   -0.797723   18.227998   -2.347932
 0.000337   -0.314895   21.421862
0.28165   -0.797723   18.227998   -2.347932
 0.000337    0.669382   13.780495
0.42247   -0.797723   18.227998   -2.347932
 0.000337    1.653660    6.139129
0.56330   -0.797723   18.227998   -2.347932
 0.000337    2.637937   -1.502237
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         103

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      216 ================== LENGTH
=     2.977556

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43660    0.708370   -9.769740   -1.026210
-0.000119   -1.157823    2.375993
0.57745    0.651911   -8.826979   -1.026210
-0.000119   -0.727242    6.275521
0.71830    0.595451   -7.884219   -1.026210
-0.000119   -0.297061    9.779867
0.85915    0.538991   -6.941459   -1.026210
-0.000119    0.133320   12.888729
1.00000    0.482532   -5.998699   -1.026210
-0.000119    0.563701   15.602209

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43660    1.634428  -30.981154   -2.407746
-7.52E-05   -2.717723   -15.082088
0.57745    1.634428  -30.981154   -2.407746
-7.52E-05   -1.707941   -2.088937
0.71830    1.634428  -30.981154   -2.407746
-7.52E-05   -0.698159   10.904215
0.85915    1.634428  -30.981154   -2.407746
-7.52E-05    0.311623   23.897366
1.00000    1.634428  -30.981154   -2.407746
-7.52E-05    1.321405   36.890518

ELEM      217 ================== LENGTH
=     2.977615

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.067886    1.381804   -1.056474
 0.000157   -0.587869   15.594671
0.14085    0.011110    2.324560   -1.056474
 0.000157   -0.144779   14.817439
0.28170   -0.045667    3.267316   -1.056474
 0.000157    0.298310   13.644812
0.42256   -0.102444    4.210071   -1.056474
 0.000157    0.741400   12.076790
0.56341   -0.159220    5.152827   -1.056474
 0.000157    1.184489   10.113372

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.909410   12.448001   -2.476266
 0.000626   -1.377730   36.929215
0.14085   -0.909410   12.448001   -2.476266
 0.000626   -0.339175   31.708475
0.28170   -0.909410   12.448001   -2.476266
 0.000626    0.699381   26.487735
0.42256   -0.909410   12.448001   -2.476266
 0.000626    1.737936   21.266995
0.56341   -0.909410   12.448001   -2.476266
 0.000626    2.776492   16.046255

ELEM      218 ================== LENGTH
=     2.977407

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43662    0.603757  -10.328034   -0.765607
-2.38E-05   -0.863973    3.447728
0.57747    0.547299   -9.385357   -0.765607
-2.38E-05   -0.542915    7.581151
0.71831    0.490842   -8.442681   -0.765607
-2.38E-05   -0.221856   11.619260
0.85916    0.434384   -7.500005   -0.765607
-2.38E-05    0.099203   14.662057
1.00000    0.377927   -6.557329   -0.765607
-2.38E-05    0.420262   17.609540
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         104

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.43662    1.127649  -29.182510   -1.796729
 0.000109   -2.029004   -6.711819
0.57747    1.127649  -29.182510   -1.796729
 0.000109   -1.276442    5.525917
0.71831    1.127649  -29.182510   -1.796729
 0.000109   -0.522981   17.763652
0.85916    1.127649  -29.182510   -1.796729
 0.000109    0.230480   30.001388
1.00000    1.127649  -29.182510   -1.796729
 0.000109    0.983941   42.239124

ELEM      219 ================== LENGTH
=     2.977474

LOAD     STEEL --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.082407   -0.113821   -0.783889
 8.56E-05   -0.435400   17.554850
0.14085    0.025633    0.828855   -0.783889
 8.56E-05   -0.106662   17.404919
0.28169   -0.031142    1.771531   -0.783889
 8.56E-05    0.222077   16.859659
0.42254   -0.087916    2.714207   -0.783889
 8.56E-05    0.550815   15.919070
0.56339   -0.144691    3.656883   -0.783889
 8.56E-05    0.879554   14.583152

LOAD     CONC --------------------

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.129173   12.008585   -1.850451
 0.000363   -1.028220   42.161762
0.14085   -1.129173   12.008585   -1.850451
 0.000363   -0.252199   37.125738
0.28169   -1.129173   12.008585   -1.850451
 0.000363    0.523822   32.089715
0.42254   -1.129173   12.008585   -1.850451
 0.000363    1.299843   27.053691
0.56339   -1.129173   12.008585   -1.850451
 0.000363    2.075864   22.017667

ELEM      220 ================== LENGTH
=     2.977334
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LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43663	0.412846	-10.293234	-0.275833
-2.36E-05	-0.310842	4.760588	
0.57747	0.356389	-9.350599	-0.275833
-2.36E-05	-0.195176	8.879246	
0.71832	0.299933	-8.407964	-0.275833
-2.36E-05	-0.079509	12.602626	
0.85916	0.243476	-7.465329	-0.275833
-2.36E-05	0.036157	15.930728	
1.00000	0.187020	-6.522694	-0.275833
-2.36E-05	0.151823	18.863551	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43663	0.897222	-28.054969	-0.630508
-3.15E-06	-0.711462	-1.536681	
0.57747	0.897222	-28.054969	-0.630508
-3.15E-06	-0.447069	10.227706	
0.71832	0.897222	-28.054969	-0.630508
-3.15E-06	-0.182676	21.992094	
0.85916	0.897222	-28.054969	-0.630508
-3.15E-06	0.081718	33.756481	
1.00000	0.897222	-28.054969	-0.630508
-3.15E-06	0.346111	45.520869	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 221 ========== LENGTH = 2.977396

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.084010	0.081449	-0.284561
5.12E-05	-0.159094	18.787331	
0.14084	-0.140784	1.024081	-0.284561
5.12E-05	-0.039763	18.555529	
0.28169	-0.197557	1.966714	-0.284561
5.12E-05	0.079568	17.928436	
0.42253	-0.254331	2.909346	-0.284561
5.12E-05	0.198898	16.906050	
0.56338	-0.311104	3.851978	-0.284561
5.12E-05	0.318229	15.488373	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.290484	13.390486	-0.654688
0.000183	-0.366061	45.388685	
0.14084	-1.290484	13.390486	-0.654688
0.000183	-0.244158	39.773397	
0.28169	-1.290484	13.390486	-0.654688
0.000183	0.183025	34.158109	
0.42253	-1.290484	13.390486	-0.654688
0.000183	0.457568	28.542821	
0.56338	-1.290484	13.390486	-0.654688
0.000183	0.732111	22.927532	

ELEM 222 ========== LENGTH = 2.977334

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43663	0.413484	-10.289041	0.283987
2.46E-05	0.318876	4.770611	
0.57747	0.357028	-9.346406	0.283987
2.46E-05	0.199791	8.887511	
0.71832	0.300571	-8.403771	0.283987
2.46E-05	0.080705	12.609133	
0.85916	0.244116	-7.461136	0.283987
2.46E-05	-0.038380	15.935476	
1.00000	0.187658	-6.518501	0.283987
2.46E-05	-0.157465	18.866541	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43663	0.897637	-28.046282	0.709169
9.74E-06	0.797114	-1.514163	
0.57747	0.897637	-28.046282	0.709169
9.74E-06	0.499735	10.246582	
0.71832	0.897637	-28.046282	0.709169
9.74E-06	0.202357	22.007326	
0.85916	0.897637	-28.046282	0.709169
9.74E-06	-0.095021	33.768071	
1.00000	0.897637	-28.046282	0.709169
9.74E-06	-0.392400	45.528816	

ELEM 223 ========== LENGTH = 2.977396

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.083104	0.085672	0.285563
-5.05E-05	0.158735	18.790315	
0.14084	-0.139877	1.028305	0.285563
-5.05E-05	0.038985	18.556742	
0.28169	-0.196650	1.970937	0.285563
-5.05E-05	-0.080766	17.927878	
0.42253	-0.253424	2.913569	0.285563
-5.05E-05	-0.200517	16.903721	
0.56338	-0.310197	3.856201	0.285563
-5.05E-05	-0.320267	15.484273	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.289399	13.399245	0.719701
-0.000186	0.400838	45.396622	
0.14084	-1.289399	13.399245	0.719701
-0.000186	0.099032	39.777661	
0.28169	-1.289399	13.399245	0.719701
-0.000186	-0.202774	34.158700	
0.42253	-1.289399	13.399245	0.719701
-0.000186	-0.504580	28.539740	
0.56338	-1.289399	13.399245	0.719701
-0.000186	-0.806386	22.920779	

ELEM 224 ========== LENGTH = 2.977407

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43662	0.604449	-10.312310	0.776250
2.50E-05	0.874710	3.482811	
0.57747	0.547991	-9.369634	0.776250
2.50E-05	0.549188	7.609640	
0.71831	0.491534	-8.426958	0.776250
2.50E-05	0.223666	11.341156	
0.85916	0.435076	-7.484281	0.776250
2.50E-05	-0.101856	14.677358	
1.00000	0.378619	-6.541605	0.776250
2.50E-05	-0.427378	17.618248	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43662	1.126139	-29.148886	1.881320
-0.000102	2.122036	-6.631755	
0.57747	1.126139	-29.148886	1.881320
-0.000102	1.333102	5.591881	
0.71831	1.126139	-29.148886	1.881320
-0.000102	0.544167	17.815517	
0.85916	1.126139	-29.148886	1.881320
-0.000102	-0.244768	30.039152	
1.00000	1.126139	-29.148886	1.881320
-0.000102	-1.033703	42.262788	

ELEM 225 ========== LENGTH = 2.977474

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.083898	-0.098250	0.786816
-8.53E-05	0.439036	17.562542	
0.14085	0.027123	0.844426	0.786816
-8.53E-05	0.106070	17.407080	
0.28169	-0.029651	1.787102	0.786816
-8.53E-05	-0.223896	16.855290	
0.42254	-0.086426	2.729778	0.786816
-8.53E-05	-0.553862	15.908171	
0.56339	-0.143200	3.672455	0.786816
-8.53E-05	-0.883828	14.565724	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.128734	12.041916	1.920356
-0.000367	1.065585	42.185395	
0.14085	-1.128734	12.041916	1.920356
-0.000367	0.260248	37.135394	
0.28169	-1.128734	12.041916	1.920356
-0.000367	-0.545089	32.085392	
0.42254	-1.128734	12.041916	1.920356
-0.000367	-1.350426	27.035391	
0.56339	-1.128734	12.041916	1.920356
-0.000367	-2.155763	21.985389	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 226 ========== LENGTH = 2.977556

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43660	0.703178	-9.728124	1.041641
0.000121	1.173742	2.459751	
0.57745	0.646718	-8.785364	1.041641
0.000121	0.736889	6.341927	
0.71830	0.590258	-7.842604	1.041641
0.000121	0.300036	9.828719	
0.85916	0.533799	-6.899844	1.041641
0.000121	-0.136816	12.920129	
1.00000	0.477339	-5.957084	1.041641
0.000121	-0.573669	15.616155	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43660	1.619758	-30.888026	2.503798
8.23E-05	2.822338	-14.886381	
0.57745	1.619758	-30.888026	2.503798
8.23E-05	1.772273	-1.932286	
0.71830	1.619758	-30.888026	2.503798
8.23E-05	0.722208	11.021809	
0.85915	1.619758	-30.888026	2.503798
8.23E-05	-0.327857	23.975904	
1.00000	1.619758	-30.888026	2.503798
8.23E-05	-1.377922	36.929998	

ELEM 227 ========== LENGTH = 2.977615

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.063944	1.423388	1.063052
-0.000157	0.590385	15.608594	
0.14085	0.007168	2.366143	1.063052
-0.000157	0.144536	14.813922	
0.28170	-0.049609	3.308899	1.063052
-0.000157	-0.301312	13.623855	
0.42256	-0.106386	4.251655	1.063052
-0.000157	-0.647710	12.038392	
0.56341	-0.163162	5.194411	1.063052
-0.000157	-1.193008	10.057534	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.921037	12.541107	2.555447
-0.000630	1.419990	36.968651	
0.14085	-0.921037	12.541107	2.555447
-0.000630	0.348226	31.708862	
0.28170	-0.921037	12.541107	2.555447
-0.000630	-0.723538	26.449073	
0.42256	-0.921037	12.541107	2.555447
-0.000630	-1.795302	21.189284	
0.56341	-0.921037	12.541107	2.555447
-0.000630	-2.867067	15.929495	

ELEM 228 ========== LENGTH = 2.977780

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43657	-0.499623	-5.150801	0.988459
0.000117	1.119552	6.785133	
0.57743	-0.556086	-4.207914	0.988459
0.000117	0.704948	8.747866	
0.71828	-0.612549	-3.265028	0.988459
0.000117	0.290343	10.315109	
0.85914	-0.669012	-2.322141	0.988459
0.000117	-0.124261	11.486864	
1.00000	-0.725475	-1.379255	0.988459
0.000117	-0.538865	12.263130	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43657	1.973020	-26.136371	2.385039
-2.50E-05	2.696080	-14.884447	
0.57743	1.973020	-26.136371	2.385039
-2.50E-05	1.695688	-3.921679	
0.71828	1.973020	-26.136371	2.385039
-2.50E-05	0.695295	7.041089	
0.85914	1.973020	-26.136371	2.385039
-2.50E-05	-0.305097	18.003858	
1.00000	1.973020	-26.136371	2.385039
-2.50E-05	-1.305490	28.966626	

ELEM 229 ========== LENGTH = 2.976842

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.225989	6.101126	1.038320
-7.13E-05	0.575280	12.303208	
0.14082	-1.282754	7.043445	1.038320
-7.13E-05	0.140005	9.548038	
0.28165	-1.339519	7.985764	1.038320
-7.13E-05	-0.295269	6.397837	
0.42247	-1.396284	8.928083	1.038320
-7.13E-05	-0.730544	2.852607	
0.56330	-1.453050	9.870403	1.038320
-7.13E-05	-1.165819	-1.087654	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.824386	18.422988	2.439320
-0.000344	1.347435	29.120134	
0.14082	-0.824386	18.422988	2.439320
-0.000344	0.324847	21.397026	
0.28165	-0.824386	18.422988	2.439320
-0.000344	-0.697741	13.673918	
0.42247	-0.824386	18.422988	2.439320
-0.000344	-1.720329	5.950810	
0.56330	-0.824386	18.422988	2.439320
-0.000344	-2.742917	-1.772298	

ELEM 230 ========== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43667	-4.428598	4.227358	0.664425
0.000204	0.727889	18.645398	
0.57750	-4.485051	5.169851	0.664425
0.000204	0.449315	16.675412	
0.71833	-4.541504	6.112343	0.664425
0.000204	0.170742	14.310268	
0.85917	-4.597956	7.054836	0.664425
0.000204	-0.107832	11.549964	
1.00000	-4.654409	7.997328	0.664425
0.000204	-0.386406	8.394501	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43667	1.276253	-8.547035	1.641925
0.000570	1.787170	4.347734	
0.57750	1.276253	-8.547035	1.641925
0.000570	1.098760	7.931253	
0.71833	1.276253	-8.547035	1.641925
0.000570	0.410349	11.514772	
0.85917	1.276253	-8.547035	1.641925
0.000570	-0.278061	15.098290	
1.00000	1.276253	-8.547035	1.641925
0.000570	-0.966472	18.681809	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 231 ========== LENGTH = 2.977141

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-5.065644	14.700101	0.731159
-0.000117	0.434517	8.470798	
0.14083	-5.122414	15.642590	0.731159
-0.000117	0.127953	2.109675	
0.28167	-5.179183	16.585078	0.731159
-0.000117	-0.178611	-4.646620	
0.42250	-5.235953	17.527566	0.731159
-0.000117	-0.485176	-11.798086	
0.56334	-5.292722	18.470054	0.731159
-0.000117	-0.791740	-19.344723	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.089314	30.662475	1.671211
-0.000665	0.988571	18.898884	
0.14083	-1.089314	30.662475	1.671211
-0.000665	0.287856	6.042557	
0.28167	-1.089314	30.662475	1.671211
-0.000665	-0.412858	-6.813770	
0.42250	-1.089314	30.662475	1.671211
-0.000665	-1.113572	-19.670097	
0.56334	-1.089314	30.662475	1.671211
-0.000665	-1.814286	-32.526424	

ELEM 232 ========== LENGTH = 2.977323

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43663	-6.565125	7.812219	0.231438
-1.08E-05	0.241823	23.884148	
0.57748	-6.621581	8.754840	0.231438
-1.08E-05	0.114774	20.410607	
0.71832	-6.678038	9.697477	0.231438
-1.08E-05	0.047725	16.541793	
0.85916	-6.734494	10.640106	0.231438
-1.08E-05	-0.049324	12.277705	
1.00000	-6.790950	11.582735	0.231438
-1.08E-05	-0.146373	7.618344	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43663	0.938038	1.709420	0.562595
-2.68E-05	0.588808	17.064991	
0.57748	0.938038	1.709420	0.562595
-2.68E-05	0.352894	16.348179	
0.71832	0.938038	1.709420	0.562595
-2.68E-05	0.116981	15.631367	
0.85916	0.938038	1.709420	0.562595
-2.68E-05	-0.118932	14.914554	
1.00000	0.938038	1.709420	0.562595
-2.68E-05	-0.354846	14.197742	

ELEM 233 ========== LENGTH = 2.977383

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-7.498620	19.837772	0.220221
-3.45E-05	0.136902	7.706644	
0.14084	-7.555393	20.780396	0.220221
-3.45E-05	0.040553	5.809886	
0.28169	-7.612166	21.723021	0.220221
-3.45E-05	-0.047796	-9.721701	
0.42253	-7.668939	22.665646	0.220221
-3.45E-05	-0.140144	-19.028802	
0.56337	-7.725712	23.608271	0.220221
-3.45E-05	-0.232493	-28.731188	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.580755	35.479260	0.545017
-8.55E-05	0.339920	14.413256	
0.14084	-1.580755	35.479260	0.545017
-8.55E-05	0.111369	-0.464823	
0.28169	-1.580755	35.479260	0.545017
-8.55E-05	-0.117181	-15.342903	
0.42253	-1.580755	35.479260	0.545017
-8.55E-05	-0.345732	-30.220982	
0.56337	-1.580755	35.479260	0.545017
-8.55E-05	-0.574283	-45.099061	

ELEM 234 ========== LENGTH = 2.977599

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43659	-4.341486	3.897896	-0.237058
-0.000218	-0.267526	18.077650	
0.57745	-4.397947	4.840681	-0.237058
-0.000218	-0.168104	16.245172	
0.71830	-4.454407	5.783465	-0.237058
-0.000218	-0.068682	14.017290	
0.85915	-4.510867	6.726250	-0.237058
-0.000218	0.030740	11.394005	
1.00000	-4.567328	7.669034	-0.237058
-0.000218	0.130162	8.375316	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43659	1.474122	-9.267624	-0.601035
-0.000608	-0.663968	3.076739	
0.57745	1.474122	-9.267624	-0.601035
-0.000608	-0.411894	6.963577	
0.71830	1.474122	-9.267624	-0.601035
-0.000608	-0.159820	10.850416	
0.85915	1.474122	-9.267624	-0.601035
-0.000608	0.092254	14.737254	
1.00000	1.474122	-9.267624	-0.601035
-0.000608	0.344328	18.624093	

ELEM 235 ========== LENGTH = 2.977688

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-5.055165	14.315484	-0.319664
4.93E-05	-0.191872	8.451896	
0.14085	-5.111943	15.258281	-0.319664
4.93E-05	-0.057798	2.249952	
0.28171	-5.168721	16.201078	-0.319664
4.93E-05	0.076277	-4.347422	
0.42256	-5.225499	17.143874	-0.319664
4.93E-05	0.210351	-11.340226	
0.56342	-5.282276	18.086671	-0.319664
4.93E-05	0.344425	-18.728459	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.078723	29.801177	-0.652802
0.000495	-0.385954	18.841062	
0.14085	-1.078723	29.801177	-0.652802
0.000495	-0.112154	6.340793	
0.28171	-1.078723	29.801177	-0.652802
0.000495	0.161645	-6.157477	
0.42256	-1.078723	29.801177	-0.652802
0.000495	0.435445	-18.656746	
0.56342	-1.078723	29.801177	-0.652802
0.000495	0.709245	-31.156016	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 236 ========== LENGTH = 2.977077

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43667	-0.460987	-5.367757	-0.612237
-0.000130	-0.699320	6.392062	
0.57750	-0.517440	-4.425267	-0.612237
-0.000130	-0.442628	3.481019	
0.71833	-0.573892	-3.482777	-0.612237
-0.000130	-0.185936	10.102819	
0.85917	-0.630345	-2.540287	-0.612237
-0.000130	0.070756	11.365461	
1.00000	-0.686798	-1.597796	-0.612237
-0.000130	0.327448	12.232947	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43667	2.054426	-26.611820	-1.466098
-1.18E-05	-1.667797	-15.760510	
0.57750	2.054426	-26.611820	-1.466098
-1.18E-05	-1.053107	-4.611991	
0.71833	2.054426	-26.611820	-1.466098
-1.18E-05	-0.438418	6.545527	
0.85917	2.054426	-26.611820	-1.466098
-1.18E-05	0.176272	17.703046	
1.00000	2.054426	-26.611820	-1.466098
-1.18E-05	0.790962	28.860565	

ELEM 237 ========== LENGTH = 2.977171

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.189238	5.855994	-0.669440
8.68E-06	-0.371027	12.282907	
0.14084	-1.246008	6.798499	-0.669440
8.68E-06	-0.090336	9.629938	
0.28167	-1.302778	7.741004	-0.669440
8.68E-06	0.190356	6.581783	
0.42251	-1.359548	8.683510	-0.669440
8.68E-06	0.471047	3.138442	
0.56334	-1.416318	9.626015	-0.669440
8.68E-06	0.751739	-0.700084	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.747513	17.879301	-1.525021
0.000186	-0.839226	29.040660	
0.14084	-0.747513	17.879301	-1.525021
0.000186	-0.199796	21.543997	
0.28167	-0.747513	17.879301	-1.525021
0.000186	0.439635	14.047333	
0.42251	-0.747513	17.879301	-1.525021
0.000186	1.079065	6.550670	
0.56334	-0.747513	17.879301	-1.525021
0.000186	1.718495	-0.945994	

ELEM 238 ========== LENGTH = 2.977668

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43658	0.729268	-9.767763	-0.704791
-0.000127	-0.797996	2.305763	
0.57744	0.672806	-8.824940	-0.704791
-0.000127	-0.502395	6.204811	
0.71829	0.616345	-7.882116	-0.704791
-0.000127	-0.206793	9.708423	
0.85915	0.559884	-6.939292	-0.704791
-0.000127	0.088808	12.816599	
1.00000	0.503422	-5.996469	-0.704791
-0.000127	0.384409	15.529339	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43658 1.673529 -30.963948 -1.678188
-0.000103 -1.899849 -15.267306
0.57744 1.673529 -30.963948 -1.678188
-0.000103 -1.195989 -2.280498
0.71829 1.673529 -30.963948 -1.678188
-0.000103 -0.492128 10.706310
0.85915 1.673529 -30.963948 -1.678188
-0.000103 0.211733 23.693118
1.00000 1.673529 -30.963948 -1.678188
-0.000103 0.915594 36.679926

ELEM 239 ========== LENGTH = 2.977689

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.088173 1.207033 -0.732475
9.44E-05 -0.406613 15.535999
0.14085 0.031395 2.149830 -0.732475
9.44E-05 -0.099396 14.832028
0.28171 -0.025382 3.092627 -0.732475
9.44E-05 0.207820 13.732626
0.42256 -0.082160 4.035424 -0.732475
9.44E-05 0.515036 12.237795
0.56342 -0.138938 4.978222 -0.732475
9.44E-05 0.822253 10.347533

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.871728 12.034278 -1.734056
0.000472 -0.961752 36.753451
0.14085 -0.871728 12.034278 -1.734056
0.000472 -0.234451 31.706007
0.28171 -0.871728 12.034278 -1.734056
0.000472 0.492851 26.658564
0.42256 -0.871728 12.034278 -1.734056
0.000472 1.220152 21.611121
0.56342 -0.871728 12.034278 -1.734056
0.000472 1.947454 16.563678

ELEM 240 ========== LENGTH = 2.977259

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43664 0.637535 -10.408402 -0.516555
-4.03E-05 -0.584270 3.400527
0.57748 0.581080 -9.465810 -0.516555
-4.03E-05 -0.367670 7.567301
0.71832 0.524624 -8.523217 -0.516555
-4.03E-05 -0.151071 11.338833
0.85916 0.468169 -7.580625 -0.516555
-4.03E-05 0.065528 14.715121
1.00000 0.411714 -6.638032 -0.516555
-4.03E-05 0.282127 17.696167

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43664 1.199870 -29.390220 -1.241490
6.08E-05 -1.405231 -6.910608
0.57748 1.199870 -29.390220 -1.241490
6.08E-05 -0.884656 5.413142
0.71832 1.199870 -29.390220 -1.241490
6.08E-05 -0.364081 17.736892
0.85916 1.199870 -29.390220 -1.241490
6.08E-05 0.156494 30.060642
1.00000 1.199870 -29.390220 -1.241490
6.08E-05 0.677069 42.384392
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
113

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 241 ========== LENGTH = 2.977363

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.086603 -0.057914 -0.531103
4.44E-05 -0.294292 17.667288
0.14084 0.029830 0.884700 -0.531103
4.44E-05 -0.071579 17.493936
0.28173 -0.026943 1.827313 -0.531103
4.44E-05 0.151134 16.925307
0.42253 -0.083716 2.769927 -0.531103
4.44E-05 0.373847 15.961402
0.56337 -0.140489 3.712540 -0.531103
4.44E-05 0.596560 14.602220

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.129499 12.138527 -1.281313
0.000259 -0.710024 42.368276
0.14084 -1.129499 12.138527 -1.281313
0.000259 -0.172717 37.278096
0.28169 -1.129499 12.138527 -1.281313
0.000259 0.364590 32.187917
0.42253 -1.129499 12.138527 -1.281313
0.000259 0.901896 27.097738
0.56337 -1.129499 12.138527 -1.281313
0.000259 1.439203 22.007559

ELEM 242 ========== LENGTH = 2.976964

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43669 0.469171 -10.277319 -0.141925
-2.98E-05 -0.159855 4.843206
0.57751 0.412720 -9.334892 -0.141925
-2.98E-05 -0.100354 8.954328
0.71834 0.356269 -8.392466 -0.141925
-2.98E-05 -0.040853 12.670347
0.85917 0.299818 -7.450039 -0.141925
-2.98E-05 0.018647 15.991262
1.00000 0.243367 -6.507613 -0.141925
-2.98E-05 0.078148 18.917072

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43669 1.024787 -28.049406 -0.354420
-2.69E-05 -0.399087 -1.504982
0.57751 1.024787 -28.049406 -0.354420
-2.69E-05 -0.250500 10.254481
0.71834 1.024787 -28.049406 -0.354420
-2.69E-05 -0.101912 22.013945
0.85917 1.024787 -28.049406 -0.354420
-2.69E-05 0.046675 33.773409
1.00000 1.024787 -28.049406 -0.354420
-2.69E-05 0.195262 45.532873

ELEM 243 ========== LENGTH = 2.978021

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.058363 0.112308 -0.146168
2.14E-05 -0.081829 18.870771
0.14087 -0.115146 1.055293 -0.146168
2.14E-05 -0.020511 18.625863
0.28173 -0.171928 1.998278 -0.146168
2.14E-05 0.040807 17.985369
0.42260 -0.228711 2.941262 -0.146168
2.14E-05 0.102126 16.944287
0.56347 -0.285494 3.884247 -0.146168
2.14E-05 0.163444 15.517618

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
114

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.237700 13.430807 -0.364609
0.000107 -0.203857 45.476382
0.14087 -1.237700 13.430807 -0.364609
0.000107 -0.050902 39.842087
0.28173 -1.237700 13.430807 -0.364609
0.000107 0.102053 34.207791
0.42260 -1.237700 13.430807 -0.364609
0.000107 0.255009 28.573496
0.56347 -1.237700 13.430807 -0.364609
0.000107 0.407964 22.939201

ELEM 244 ========== LENGTH = 2.977743

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43657 0.492335 -10.279146 0.268303
1.84E-05 0.303149 4.835013
0.57743 0.435872 -9.336280 0.268303
1.84E-05 0.190613 8.948717
0.71829 0.379410 -8.393414 0.268303
1.84E-05 0.078078 12.666951
0.85914 0.322947 -7.450549 0.268303
1.84E-05 -0.034458 15.989712
1.00000 0.266485 -6.507683 0.268303
1.84E-05 -0.146994 18.917003

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43657 1.074957 -28.116266 0.621354
-1.29E-05 0.703717 -1.708506
0.57743 1.074957 -28.116266 0.621354
-1.29E-05 0.443099 10.084459
0.71829 1.074957 -28.116266 0.621354
-1.29E-05 0.182481 21.877425
0.85914 1.074957 -28.116266 0.621354
-1.29E-05 -0.078137 33.670390
1.00000 1.074957 -28.116266 0.621354
-1.29E-05 -0.338755 45.463355

ELEM 245 ========== LENGTH = 2.977803

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.042460 0.098405 0.273112
-5.28E-05 0.151032 18.880682
0.14086 -0.099240 1.041267 0.273112
-5.28E-05 0.036475 18.641664
0.28172 -0.156019 1.984128 0.273112
-5.28E-05 -0.078082 18.007162
0.42258 -0.212799 2.926989 0.273112
-5.28E-05 -0.120146 16.676176
0.56344 -0.269578 3.869851 0.273112
-5.28E-05 -0.307196 15.551707

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.205314 13.333063 0.641331
-0.000194 0.355285 45.427005
0.14086 -1.205314 13.333063 0.641331
-0.000194 0.086278 39.834443
0.28172 -1.205314 13.333063 0.641331
-0.000194 -0.182729 34.241881
0.42258 -1.205314 13.333063 0.641331
-0.000194 -0.451736 28.649318
0.56344 -1.205314 13.333063 0.641331
-0.000194 -0.720743 23.056756
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
115

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 246 ========== LENGTH = 2.977541

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43660 0.706802 -10.551607 0.575590
2.51E-05 0.651541 3.302970
0.57745 0.650342 -9.608855 0.575590
2.51E-05 0.410148 7.530469
0.71830 0.593883 -8.666104 0.575590
2.51E-05 0.168754 11.362593
0.85915 0.537423 -7.723352 0.575590
2.51E-05 -0.072640 14.799340
1.00000 0.480964 -6.780600 0.575590
2.51E-05 -0.314034 17.840712

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43660 1.348597 -29.956341 1.342654
-0.000108 1.522815 -7.742255
0.57745 1.348597 -29.956341 1.342654
-0.000108 0.959726 4.820990
0.71830 1.348597 -29.956341 1.342654
-0.000108 0.396637 17.384236
0.85915 1.348597 -29.956341 1.342654
-0.000108 -0.166452 29.947482
1.00000 1.348597 -29.956341 1.342654
-0.000108 -0.729541 42.510727

ELEM 247 ========== LENGTH = 2.977660

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.117972 0.080692 0.588482
-5.92E-05 0.324807 17.831066
0.14085 0.061194 1.023473 0.588482
-5.92E-05 0.077988 17.599515
0.28171 0.004417 1.966253 0.588482
-5.92E-05 -0.168830 16.972547
0.42256 -0.052360 2.909034 0.588482
-5.92E-05 -0.415648 15.950162
0.56342 -0.109137 3.851815 0.588482
-5.92E-05 -0.662467 14.532361

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.073614 12.261489 1.387456
-0.000305 0.766682 42.544172
0.14085 -1.073614 12.261489 1.387456
-0.000305 0.184763 37.401520
0.28171 -1.073614 12.261489 1.387456
-0.000305 -0.397157 32.258868
0.42256 -1.073614 12.261489 1.387456
-0.000305 -0.979077 27.116215
0.56342 -1.073614 12.261489 1.387456
-0.000305 -1.560997 21.973563

ELEM 248 ========== LENGTH = 2.976473

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43676 0.775440 -9.700766 0.647433
0.000122 0.733804 2.459470
0.57757 0.718966 -8.758617 0.647433
0.000122 0.462453 6.327802
0.71838 0.662552 -7.816468 0.647433
0.000122 0.191102 9.801262
0.85919 0.606108 -6.874319 0.647433
0.000122 -0.080249 12.879850
1.00000 0.549665 -5.932170 0.647433
0.000122 -0.351601 15.563566
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
116

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43676 1.781759 -31.317856 1.493102
8.38E-05 1.694320 -16.131154
0.57757 1.781759 -31.317856 1.493102
8.38E-05 1.068534 -3.005271
0.71838 1.781759 -31.317856 1.493102
8.38E-05 0.442748 10.120612
0.85919 1.781759 -31.317856 1.493102
8.38E-05 -0.183038 23.246495
1.00000 1.781759 -31.317856 1.493102
8.38E-05 -0.808825 36.372379

ELEM 249 ========== LENGTH = 2.977593

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.103623 1.262623 0.669066
-9.69E-05 0.369382 15.597364
0.14085 0.046846 2.205366 0.669066
-9.69E-05 0.088557 14.870129
0.28170 -0.009930 3.148109 0.669066
-9.69E-05 -0.192048 13.747510
0.42255 -0.066706 4.090852 0.669066
-9.69E-05 -0.472654 12.229506
0.56341 -0.123483 5.033595 0.669066
-9.69E-05 -0.753259 10.316117

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.839199 11.653939 1.543720
-0.000483 0.851716 36.512832
0.14085 -0.839199 11.653939 1.543720
-0.000483 0.204282 31.625190
0.28170 -0.839199 11.653939 1.543720
-0.000483 -0.443151 26.737548
0.42255 -0.839199 11.653939 1.543720
-0.000483 -1.090585 21.849906
0.56341 -0.839199 11.653939 1.543720
-0.000483 -1.738019 16.962264

ELEM 250 ========== LENGTH = 2.977542

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43660 -0.540834 -5.234669 0.404072
0.000125 0.466179 6.719081
0.57745 -0.597293 -4.291916 0.404072
0.000125 0.296717 8.716737
0.71830 -0.653753 -3.349164 0.404072
0.000125 0.127255 10.319016
0.85915 -0.710212 -2.406411 0.404072
0.000125 -0.042207 11.525919
1.00000 -0.766672 -1.463659 0.404072
0.000125 -0.211668 12.337445

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43660 2.024647 -27.246521 0.911736
-1.52E-06 1.048407 -17.088452
0.57745 2.024647 -27.246521 0.911736
-1.52E-06 0.666038 -5.661655
0.71830 2.024647 -27.246521 0.911736
-1.52E-06 0.283669 5.765143
0.85915 2.024647 -27.246521 0.911736
-1.52E-06 -0.098700 17.191941
1.00000 2.024647 -27.246521 0.911736
-1.52E-06 -0.481069 28.618738
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
117

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 251 ========== LENGTH = 2.977533

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.312552 6.136253 0.454207
1.72E-05 0.224127 12.421298
0.14085 -1.369327 7.078963 0.454207
1.72E-05 0.058640 9.650178
0.28170 -1.426103 8.021672 0.454207
1.72E-05 -0.131847 6.483702
0.42255 -1.482878 8.964381 0.454207
1.72E-05 -0.322334 2.921869
0.56340 -1.539654 9.907090 0.454207
1.72E-05 -0.512821 -1.035320

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.883154 17.601139 0.961310
-0.000119 0.521535 28.882179
0.14085 -0.883154 17.601139 0.961310
-0.000119 0.118378 21.500557
0.28170 -0.883154 17.601139 0.961310
-0.000119 -0.284779 14.118934
0.42255 -0.883154 17.601139 0.961310
-0.000119 -0.687936 6.737312
0.56340 -0.883154 17.601139 0.961310
-0.000119 -1.091094 -0.644311

ELEM 252 ========== LENGTH = 2.977627

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43659 -4.669776 4.134546 -0.171511
0.000218 -0.176315 18.538912
0.57744 -4.726237 5.077346 -0.171511
0.000218 -0.104382 16.607147
0.71829 -4.782698 6.020147 -0.171511
0.000218 -0.032450 14.279964
0.85915 -4.839158 6.962947 -0.171511
0.000218 0.039483 11.557365
1.00000 -4.895619 7.905748 -0.171511
0.000218 0.111416 8.439349

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43659 1.292169 -10.082472 -0.448709
0.000622 -0.474788 1.333298
0.57744 1.292169 -10.082472 -0.448709
0.000622 -0.286596 5.561955
0.71829 1.292169 -10.082472 -0.448709
0.000622 -0.098405 9.790613
0.85915 1.292169 -10.082472 -0.448709
0.000622 0.089787 14.019270
1.00000 1.292169 -10.082472 -0.448709
0.000622 0.277978 18.247928

ELEM 253 ========== LENGTH = 2.977613

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -5.512003 14.642905 -0.100232
-9.84E-07 -0.059411 8.547139
0.14085 -5.568779 15.585660 -0.100232
-9.84E-07 -0.017373 2.208160
0.28170 -5.625556 16.528414 -0.100232
-9.84E-07 0.024665 -4.526213
0.42256 -5.682333 17.471168 -0.100232
-9.84E-07 0.066703 -11.655979
0.56341 -5.739109 18.413923 -0.100232
-9.84E-07 0.108741 -19.181140
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
118

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.584609 29.218155 -0.417005
-0.000356 -0.252813 18.541993
0.14085 -1.584609 29.218155 -0.417005
-0.000356 -0.077920 6.287805
0.28170 -1.584609 29.218155 -0.417005
-0.000356 0.096973 -5.966382
0.42256 -1.584609 29.218155 -0.417005
-0.000356 0.271866 -18.220570
0.56341 -1.584609 29.218155 -0.417005
-0.000356 0.446759 -30.474758

ELEM 254 ========== LENGTH = 2.977394

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43662 -7.067364 7.868958 -0.815132
7.44E-06 -0.856486 24.179789
0.57747 -7.123821 8.811622 -0.815132
7.44E-06 -0.514662 20.282299
0.71831 -7.180279 9.754296 -0.815132
7.44E-06 -0.172838 16.789502
0.85916 -7.236736 10.696965 -0.815132
7.44E-06 0.168987 12.501398
1.00000 -7.293193 11.639634 -0.815132
7.44E-06 0.510811 7.817988

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43662 0.569949 0.570241 -2.051508
4.93E-05 -2.154662 15.170360
0.57747 0.569949 0.570241 -2.051508
4.93E-05 -1.294365 14.931231
0.71831 0.569949 0.570241 -2.051508
4.93E-05 -0.434068 14.692101
0.85916 0.569949 0.570241 -2.051508
4.93E-05 0.426229 14.452972
1.00000 0.569949 0.569949 -2.051508
4.93E-05 1.286526 14.213842

ELEM 255 ========== LENGTH = 2.977377

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -8.076800 20.219254 -0.824430
9.95E-05 -0.518081 7.925818
0.14084 -8.133573 21.161875 -0.824430
9.95E-05 -0.172361 -0.750649
0.28169 -8.190346 22.104496 -0.824430
9.95E-05 0.173358 -9.822398
0.42253 -8.247119 23.047117 -0.824430
9.95E-05 0.519078 -19.289430
0.56337 -8.303892 23.989738 -0.824430
9.95E-05 0.864798 -29.151744

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.134053 35.116248 -2.066101
0.000282 -1.297448 14.477558
0.14084 -2.134053 35.116248 -2.066101
0.000282 -0.431041 -0.1048234
0.28169 -2.134053 35.116248 -2.066101
0.000282 0.435366 -14.974027
0.42253 -2.134053 35.116248 -2.066101
0.000282 1.301773 -29.699819
0.56337 -2.134053 35.116248 -2.066101
0.000282 2.168180 -44.425612
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
119

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 256 ========== LENGTH = 2.977195

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43665 -4.884650 4.554472 -1.350830
-0.000210 -1.472452 19.537004
0.57749 -4.941104 5.497629 -1.350830
-0.000210 -0.906051 17.429713
0.71833 -4.997559 6.439586 -1.350830
-0.000210 -0.339649 14.927208
0.85916 -5.054013 7.382143 -1.350830
-0.000210 0.226752 12.029491
1.00000 -5.110467 8.324699 -1.350830
-0.000210 0.793154 8.736561

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43665 0.746400 -8.640107 -3.383636
-0.000539 -3.673605 4.538918
0.57749 0.746400 -8.640107 -3.383636
-0.000539 -2.254851 8.161705
0.71833 0.746400 -8.640107 -3.383636
-0.000539 -0.836096 11.784492
0.85916 0.746400 -8.640107 -3.383636
-0.000539 0.582658 15.407279
1.00000 0.746400 -8.640107 -3.383636
-0.000539 2.001412 19.030066

ELEM 257 ========== LENGTH = 2.978250

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -5.447109 15.205923 -1.436367
0.000209 -0.856983 8.847202
0.14088 -5.503896 16.149037 -1.436367
0.000209 -0.254337 2.269519
0.28175 -5.560682 17.092150 -1.436367
0.000209 0.348308 -4.703860
0.42263 -5.617468 18.035264 -1.436367

0.000209 0.950954 -12.072933
0.56350 -5.674254 18.978378 -1.436367
0.000209 1.553599 -19.837702

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.428000 31.006322 -3.434269
0.000940 -2.042029 19.333933
0.14088 -1.428000 31.006322 -3.434269
0.000940 -0.361138 6.324841
0.28175 -1.428000 31.006322 -3.434269
0.000940 0.839753 -6.684250
0.42263 -1.428000 31.006322 -3.434269
0.000940 2.280644 -19.693341
0.56350 -1.428000 31.006322 -3.434269
0.000940 3.721534 -32.702432

ELEM 258 ========== LENGTH = 2.977458

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43661 -0.566733 -5.068744 -1.775651
-0.000118 -2.002816 7.550882
0.57746 -0.623191 -4.126039 -1.775651
-0.000118 -1.258171 9.478864
0.71831 -0.679649 -3.183334 -1.775651
-0.000118 -0.513526 11.011509
0.85915 -0.736108 -2.240629 -1.775651
-0.000118 0.231119 12.148818
1.00000 -0.792566 -1.297924 -1.775651
-0.000118 0.975764 12.890789
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
120

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43661 1.947967 -26.531214 -4.371574
7.98E-05 -4.921816 -14.396593
0.57746 1.947967 -26.531214 -4.371574
7.98E-05 -3.088533 -3.270346
0.71831 1.947967 -26.531214 -4.371574
7.98E-05 -1.255250 7.855901
0.85915 1.947967 -26.531214 -4.371574
7.98E-05 0.578032 18.982148
1.00000 1.947967 -26.531214 -4.371574
7.98E-05 2.411315 30.108395

ELEM 259 ========== LENGTH = 2.977431

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.334857 6.398708 -1.838716
0.000187 -1.022843 12.951372
0.14085 -1.391631 7.341360 -1.838716
0.000187 -0.251763 10.070370
0.28169 -1.448404 8.284012 -1.838716
0.000187 0.519317 6.794058
0.42254 -1.505178 9.226664 -1.838716
0.000187 1.290397 3.122438
0.56338 -1.561952 10.169316 -1.838716
0.000187 2.061477 -0.944490

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.952863 18.551254 -4.435855
0.000698 -2.461031 30.313431
0.14085 -0.952863 18.551254 -4.435855
0.000698 -1.260821 22.333817
0.28169 -0.952863 18.551254 -4.435855
0.000698 1.259390 14.754203
0.42254 -0.952863 18.551254 -4.435855
0.000698 3.119601 6.974588
0.56338 -0.952863 18.551254 -4.435855
0.000698 4.979811 -0.805026

ELEM 260 ========== LENGTH = 2.977796

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43656 0.770035 -9.680174 -1.904284
-0.000121 -2.139713 3.423071
0.57742 0.713572 -8.737279 -1.904284
-0.000121 -1.340963 7.285661
0.71828 0.657108 -7.794383 -1.904284
-0.000121 -0.542213 10.752756
0.85914 0.600645 -6.851487 -1.904284
-0.000121 0.256537 13.824353
1.00000 0.544182 -5.908592 -1.904284
-0.000121 1.055286 16.500454

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43656 1.761595 -31.037406 -4.679625
-1.48E-05 -5.255524 -13.189704
0.57742 1.761595 -31.037406 -4.679625
-1.48E-05 -3.292661 -0.171097
0.71828 1.761595 -31.037406 -4.679625
-1.48E-05 -1.329797 12.847511
0.85914 1.761595 -31.037406 -4.679625
-1.48E-05 0.633067 25.866119
1.00000 1.761595 -31.037406 -4.679625
-1.48E-05 2.595931 38.884727
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
121

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 261 ========== LENGTH = 2.976771

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.121210 1.568977 -1.933284
0.000291 -1.076194 16.497067
0.14082 0.064446 2.511257 -1.933284
0.000291 -0.265775 15.641865
0.28164 0.007682 3.453536 -1.933284
0.000291 0.544643 14.391667
0.42246 -0.049082 4.395815 -1.933284
0.000291 1.355062 12.746472
0.56329 -0.105846 5.338094 -1.933284
0.000291 2.165481 10.706280

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.804858 12.631580 -4.729075
0.001040 -2.630850 38.933125
0.14082 -0.804858 12.631580 -4.729075
0.001040 -0.648456 33.638060
0.28164 -0.804858 12.631580 -4.729075
0.001040 1.333937 28.342995
0.42246 -0.804858 12.631580 -4.729075
0.001040 3.316330 23.047929
0.56329 -0.804858 12.631580 -4.729075
0.001040 5.298724 17.752864

ELEM 262 ========== LENGTH = 2.977216

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43665 0.682830 -10.275897 -1.622012
-2.14E-05 -1.818830 4.794984
0.57749 0.626375 -9.333329 -1.622012
-2.14E-05 -1.138713 8.906098
0.71832 0.569920 -8.390760 -1.622012
-2.14E-05 -0.458597 12.621989
0.85916 0.513466 -7.448191 -1.622012
-2.14E-05 0.221519 15.942658
1.00000 0.457011 -6.505622 -1.622012
-2.14E-05 0.901635 18.868103

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43665 1.309315 -29.098885 -4.025088
0.000184 -4.511874 -3.436785
0.57749 1.309315 -29.098885 -4.025088
0.000184 -2.824138 8.764496
0.71832 1.309315 -29.098885 -4.025088
0.000184 -1.136402 20.965777
0.85916 1.309315 -29.098885 -4.025088
0.000184 0.551334 33.167058
1.00000 1.309315 -29.098885 -4.025088
0.000184 2.239070 45.368339

ELEM 263 ========== LENGTH = 2.978174

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.175974 0.036833 -1.614509
0.000214 -0.895439 18.794956
0.14087 0.119189 0.979754 -1.614509
0.000214 -0.218083 18.581737
0.28175 0.062404 1.922825 -1.614509
0.000214 0.459274 17.972858
0.42262 0.005619 2.865895 -1.614509
0.000214 1.136630 16.968320
0.56349 -0.051165 3.808966 -1.614509
0.000214 1.813987 15.568123
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
122

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.918061 12.392916 -3.997317
0.000773 -2.215559 45.250483
0.14087 -0.918061 12.392916 -3.997317
0.000773 -0.553511 40.051117
0.28175 -0.918061 12.392916 -3.997317
0.000773 1.138536 34.851751
0.42262 -0.918061 12.392916 -3.997317
0.000773 2.815584 29.652384
0.56349 -0.918061 12.392916 -3.997317
0.000773 4.492632 24.453018

ELEM 264 ========== LENGTH = 2.977605

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43659 0.462720 -10.149259 -0.999581
-2.83E-05 -1.115278 6.752967
0.57744 0.406259 -9.206471 -0.999581
-2.83E-05 -0.696053 10.811877
0.71830 0.349799 -8.263682 -0.999581
-2.83E-05 -0.276827 14.475379
0.85915 0.293338 -7.320894 -0.999581
-2.83E-05 0.142399 17.743476
1.00000 0.236878 -6.378106 -0.999581
-2.83E-05 0.561624 20.616165

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43659 1.070301 -27.333832 -2.543456
5.90E-05 -2.835360 4.308720
0.57744 1.070301 -27.333832 -2.543456
5.90E-05 -1.768631 15.772567
0.71830 1.070301 -27.333832 -2.543456
5.90E-05 -0.701902 27.236413
0.85915 1.070301 -27.333832 -2.543456
5.90E-05 0.364827 38.700259
1.00000 1.070301 -27.333832 -2.543456
5.90E-05 1.431556 50.164105

ELEM 265 ========== LENGTH = 2.977767

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.012158 0.213778 -0.960830
0.000162 -0.528695 20.506224
0.14086 -0.044621 1.156620 -0.960830
0.000162 -0.125683 20.218823
0.28172 -0.101400 2.099461 -0.960830
0.000162 0.277329 19.535955
0.42257 -0.158179 3.042302 -0.960830
0.000162 0.680341 18.853121
0.56343 -0.214958 3.985143 -0.960830
0.000162 1.083353 16.983819

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.009442 14.146304 -2.429079
0.000555 -1.334129 49.948833
0.14086 -1.009442 14.146304 -2.429079
0.000555 -0.315272 44.015284
0.28172 -1.009442 14.146304 -2.429079
0.000555 0.703585 38.081735
0.42257 -1.009442 14.146304 -2.429079
0.000555 1.722442 32.148185
0.56343 -1.009442 14.146304 -2.429079
0.000555 2.741299 26.214636
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
123

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 266 ========== LENGTH = 2.977068

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43667 0.243007 -10.007092 -0.193897
4.03E-06 -0.206431 7.872837
0.57750 0.186555 -9.064607 -0.193897
4.03E-06 -0.125137 11.870904
0.71834 0.130102 -8.122122 -0.193897
4.03E-06 -0.043842 15.473818
0.85917 0.073649 -7.179637 -0.193897
4.03E-06 0.037453 18.681580
1.00000 0.017197 -6.237152 -0.193897
4.03E-06 0.118747 21.494188

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43667 0.617032 -26.182714 -0.602574
2.85E-05 -0.643547 8.759527
0.57750 0.617032 -26.182714 -0.602574
2.85E-05 -0.390908 19.737075
0.71834 0.617032 -26.182714 -0.602574
2.85E-05 -0.138268 30.714623
0.85917 0.617032 -26.182714 -0.602574
2.85E-05 0.114371 41.692171
1.00000 0.617032 -26.182714 -0.602574
2.85E-05 0.367010 52.669719

ELEM 267 ========== LENGTH = 2.977234

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.183961 0.439468 -0.106541
2.90E-05 0.005946 21.357882
0.14084 -0.240732 1.382008 -0.106541
2.90E-05 -0.001272 20.976002
0.28168 -0.297503 2.324549 -0.106541
2.90E-05 0.043402 20.198906
0.42251 -0.354274 3.267090 -0.106541
2.90E-05 0.088075 19.026596
0.56335 -0.411045 4.209630 -0.106541
2.90E-05 0.132749 17.459070

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.402611 15.510557 -0.352741
0.000108 -0.158677 52.389598
0.14084 -1.402611 15.510567 -0.352741
0.000108 -0.010770 45.885886
0.28168 -1.402611 15.510567 -0.352741
0.000108 0.137137 39.382174
0.42251 -1.402611 15.510567 -0.352741
0.000108 0.285044 32.878461
0.56335 -1.402611 15.510567 -0.352741
0.000108 0.432952 26.374749

ELEM 268 ========== LENGTH = 2.976708

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43672 -0.472265 -10.207078 0.670898
1.05E-05 0.769653 7.547498
0.57754 -0.528712 -9.264796 0.670898
1.05E-05 0.488428 11.628579
0.71836 -0.585160 -8.322513 0.670898
1.05E-05 0.207203 15.314678
0.85918 -0.641607 -7.380231 0.670898
1.05E-05 -0.074023 18.605793
1.00000 -0.698054 -6.437949 0.670898
1.05E-05 -0.355248 21.501926
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
124

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43672 -1.473881 -26.441579 1.496189
-8.21E-05 1.728221 8.450136
0.57754 -1.473881 -26.441579 1.496189
-8.21E-05 1.101053 19.533840
0.71836 -1.473881 -26.441579 1.496189
-8.21E-05 0.473885 30.617545
0.85918 -1.473881 -26.441579 1.496189
-8.21E-05 -0.153283 41.701250
1.00000 -1.473881 -26.441579 1.496189
-8.21E-05 -0.780451 52.784954

ELEM 269 ========== LENGTH = 2.977871

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.900356 0.271220 0.821810
-9.84E-05 0.480367 21.363664
0.14086 -0.957137 1.214191 0.821810
-9.84E-05 0.135345 21.052109
0.28172 -1.013917 2.157091 0.821810
-9.84E-05 -0.209378 20.345037
0.42258 -1.070697 3.099991 0.821810
-9.84E-05 -0.554101 19.242448
0.56345 -1.127478 4.042891 0.821810
-9.84E-05 -0.898824 17.744343

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -3.495756 15.386017 1.924320
-0.000325 1.134307 52.497816
0.14086 -3.495756 15.386017 1.924320
-0.000325 0.327116 46.043877
0.28172 -3.495756 15.386017 1.924320
-0.000325 -0.480074 39.589937
0.42258 -3.495756 15.386017 1.924320
-0.000325 -1.287264 33.135998
0.56345 -3.495756 15.386017 1.924320
-0.000325 -2.094454 26.682058

ELEM 270 ========== LENGTH = 2.977533

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43660 -1.887737 -11.246639 1.487913
5.15E-05 1.940771 5.125718
0.57745 -1.944196 -10.303892 1.487913
5.15E-05 1.066765 9.644684
0.71830 -2.000656 -9.361144 1.487913
5.15E-05 0.442759 13.768278
0.85915 -2.057115 -8.418397 1.487913
5.15E-05 -0.181247 17.496499
1.00000 -2.113573 -7.475649 1.487913
5.15E-05 -0.805252 20.829348

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43660 -5.713550 -29.598999 3.498180
-8.29E-05 3.987906 1.172133
0.57745 -5.713550 -29.598999 3.498180
-8.29E-05 2.520827 13.585459
0.71830 -5.713550 -29.598999 3.498180
-8.29E-05 1.053749 25.998785
0.85915 -5.713550 -29.598999 3.498180
-8.29E-05 -0.413330 38.412111
1.00000 -5.713550 -29.598999 3.498180
-8.29E-05 -1.880408 50.825437
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
125

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 271 ========== LENGTH = 2.977477

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -2.363519 -0.243727 1.707860
-0.000242 0.986341 20.713567
0.14085 -2.420294 0.698950 1.707860
-0.000242 0.270117 20.618114
0.28169 -2.477068 1.641628 1.707860
-0.000242 -0.446107 20.127331
0.42254 -2.533843 2.584306 1.707860
-0.000242 -1.162331 19.241217
0.56339 -2.590617 3.526984 1.707860
-0.000242 -1.878556 17.959774

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -7.834339 13.293941 4.117085
-0.000835 2.390202 50.587870
0.14085 -7.834339 13.293941 4.117085
-0.000835 0.663623 45.012800
0.28169 -7.834339 13.293941 4.117085
-0.000835 -1.062956 39.437730
0.42254 -7.834339 13.293941 4.117085
-0.000835 -2.789535 33.862659
0.56339 -7.834339 13.293941 4.117085
-0.000835 -4.516114 28.287589

ELEM 272 ========== LENGTH = 2.977211

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43665 -0.717040 -10.309652 2.209861
6.51E-05 2.517618 4.140130
0.57749 -0.773495 -9.367098 2.209861
6.51E-05 1.591017 8.265384
0.71833 -0.829949 -8.424521 2.209861
6.51E-05 0.664416 11.995419
0.85916 -0.886404 -7.481955 2.209861
6.51E-05 -0.262185 15.330233
1.00000 -0.942858 -6.539390 2.209861
6.51E-05 -1.188786 18.269827

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43665 -2.124427 -30.020792 5.317252
-0.000276 6.069428 -5.892932
0.57749 -2.124427 -30.020792 5.317252
-0.000276 3.839890 6.694867
0.71833 -2.124427 -30.020792 5.317252
-0.000276 1.610352 19.282666
0.85916 -2.124427 -30.020792 5.317252
-0.000276 -0.619186 31.870465
1.00000 -2.124427 -30.020792 5.317252
-0.000276 -2.848724 44.458264

ELEM 273 ========== LENGTH = 2.977271

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.203205 -0.658039 2.398880
-0.000285 1.355173 18.171231
0.14084 -1.259976 0.284522 2.398880
-0.000285 0.349280 18.249542
0.28168 -1.316748 1.227083 2.398880
-0.000285 -0.656613 17.932621
0.42252 -1.373519 2.169645 2.398880
-0.000285 -1.662505 17.220467
0.56336 -1.430291 3.112206 2.398880
-0.000285 -2.668398 16.113080
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
126

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -4.304534 10.228859 5.830758
-0.000999 3.303945 44.266119
0.14084 -4.304534 10.228859 5.830758
-0.000999 0.859005 39.976978
0.28168 -4.304534 10.228859 5.830758
-0.000999 -1.585934 35.687836
0.42252 -4.304534 10.228859 5.830758
-0.000999 -4.030974 31.398695
0.56336 -4.304534 10.228859 5.830758
-0.000999 -6.475814 27.109553

ELEM 274 ========== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43667 16.624543 -3.691819 3.253855
0.000222 3.424306 12.466320
0.57750 16.568091 -2.749326 3.253855
0.000222 2.060061 13.816610
0.71833 16.511638 -1.806834 3.253855
0.000222 0.695817 14.771742
0.85917 16.455185 -0.864341 3.253855
0.000222 -0.668428 15.331714
1.00000 16.398733 0.078151 3.253855
0.000222 -2.032673 15.496527

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43667 49.790971 -21.591106 8.001773
0.000313 8.424579 -0.515678
0.57750 49.790971 -21.591106 8.001773
0.000313 5.065673 8.532831
0.71833 49.790971 -21.591106 8.001773
0.000313 1.710767 17.585341
0.85917 49.790971 -21.591106 8.001773
0.000313 -1.644139 26.637851
1.00000 49.790971 -21.591106 8.001773
0.000313 -4.999045 35.690361

ELEM 275 ========== LENGTH = 2.977015

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 17.499150 5.881662 3.129052
-0.000327 1.978529 15.469710
0.14083 17.442362 6.824079 3.129052
-0.000327 0.666662 12.806245
0.28166 17.385615 7.766496 3.129052
-0.000327 -0.645206 9.747667
0.42249 17.328847 8.708913 3.129052
-0.000327 -1.957073 6.293978
0.56332 17.272079 9.651331 3.129052
-0.000327 -3.268940 2.445176

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 51.172450 14.553968 7.578445
-0.001582 4.795138 35.653372
0.14083 51.172450 14.553968 7.578445
-0.001582 1.617846 29.551564
0.28166 51.172450 14.553968 7.578445
-0.001582 -1.559447 23.449757
0.42249 51.172450 14.553968 7.578445
-0.001582 -4.736739 17.347950
0.56332 51.172450 14.553968 7.578445
-0.001582 -7.914032 11.246143
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
127

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 276 ========== LENGTH = 2.977110

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43667	41.862074	4.126985	2.841399
0.000166	3.257954	25.389464	
0.57750	41.805621	5.069494	2.841399
0.000166	2.066620	23.461526	
0.71833	41.749168	6.012002	2.841399
0.000166	0.875286	21.138416	
0.85917	41.692715	6.954511	2.841399
0.000166	-0.316049	18.420133	
1.00000	41.636262	7.897019	2.841399
0.000166	-1.507383	15.306677	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43667	123.114586	-10.573400	7.037899
-6.51E-05	8.057966	10.534047	
0.57750	123.114586	-10.573400	7.037899
-6.51E-05	5.107134	14.967235	
0.71833	123.114586	-10.573400	7.037899
-6.51E-05	2.156302	19.400423	
0.85917	123.114586	-10.573400	7.037899
-6.51E-05	-0.794530	23.833611	
1.00000	123.114586	-10.573400	7.037899
-6.51E-05	-3.745362	28.266799	

ELEM 277 ========== LENGTH = 2.977170

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	39.361611	12.485977	2.575148
-0.000201	1.353181	15.306979	
0.14084	39.304841	13.428482	2.575148
-0.000201	0.273441	9.874111	
0.28167	39.248071	14.370986	2.575148
-0.000201	-0.806299	4.046059	
0.42251	39.191301	15.313490	2.575148
-0.000201	-1.886039	-2.177179	
0.56334	39.134531	16.255994	2.575148
-0.000201	-2.965778	-8.795602	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	117.299377	5.036600	6.199106
-0.001097	3.247391	28.266982	
0.14084	117.299377	5.036600	6.199106
-0.001097	2.155173	26.155173	
0.28167	117.299377	5.036600	6.199106
-0.001097	-1.951085	24.043365	
0.42251	117.299377	5.036600	6.199106
-0.001097	-4.550323	21.931557	
0.56334	117.299377	5.036600	6.199106
-0.001097	-7.149561	19.819748	

ELEM 278 ========== LENGTH = 2.978100

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43652	1.174955	-38.957769	-2.743718
0.000221	-3.140221	-56.344357	
0.57739	1.118487	-38.014702	-2.743718
0.000221	-1.989163	-40.198423	
0.71826	1.062020	-37.071635	-2.743718
0.000221	-0.838105	-24.448130	
0.85913	1.005552	-36.128568	-2.743718
0.000221	0.312953	-9.093476	
1.00000	0.949084	-35.185501	-2.743718
0.000221	1.464011	5.865537	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
128

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43652	2.675666	-105.832517	-6.706081
0.000896	-7.476591	-158.869210	
0.57739	2.675666	-105.832517	-6.706081
0.000896	-4.860405	-114.469835	
0.71826	2.675666	-105.832517	-6.706081
0.000896	-2.047037	-70.070460	
0.85913	2.675666	-105.832517	-6.706081
0.000896	0.766331	-25.671085	
1.00000	2.675666	-105.832517	-6.706081
0.000896	3.579699	18.728290	

ELEM 279 ========== LENGTH = 2.977238

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.363341	-30.543120	-2.727193
0.000777	-1.435375	5.865193	
0.14084	-1.419796	-29.600539	-2.727193
0.000777	-0.291837	18.474600	
0.28168	-1.476251	-28.657957	-2.727193
0.000777	0.851701	30.688774	
0.42252	-1.532706	-27.715376	-2.727193
0.000777	1.995240	42.507714	
0.56335	-1.589161	-26.772795	-2.727193
0.000777	3.138778	53.931422	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-3.232495	-90.363156	-6.682360
0.002359	-3.519270	18.727071	
0.14084	-3.232495	-90.363156	-6.682360
0.002359	-1.717293	56.617212	
0.28168	-3.232495	-90.363156	-6.682360
0.002359	2.084685	94.507352	
0.42252	-3.232495	-90.363156	-6.682360
0.002359	4.886663	132.397493	
0.56335	-3.232495	-90.363156	-6.682360
0.002359	7.688640	170.287634	

ELEM 280 ========== LENGTH = 2.978072

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43652	2.257662	-16.379878	-3.280938
0.000104	-3.428110	-14.865343	
0.57739	2.201195	-15.436827	-3.280938
0.000104	-2.051698	-8.191505	
0.71826	2.144728	-14.493776	-3.280938
0.000104	-0.675285	-1.913293	
0.85913	2.088260	-13.550724	-3.280938
0.000104	0.701127	3.969291	
1.00000	2.031793	-12.607673	-3.280938
0.000104	2.077539	9.456249	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43652	7.114334	-49.905667	-8.038279
0.000416	-8.395790	-50.252883	
0.57739	7.114334	-49.905667	-8.038279
0.000416	-5.023588	-29.316563	
0.71826	7.114334	-49.905667	-8.038279
0.000416	-1.651386	-8.380244	
0.85913	7.114334	-49.905667	-8.038279
0.000416	1.720816	12.556076	
1.00000	7.114334	-49.905667	-8.038279
0.000416	5.093018	33.492395	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
129

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 281 ========== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.161578	-6.981840	-3.224380
0.000789	-2.020813	9.429542	
0.14083	3.105126	-6.039347	-3.224380
0.000789	-0.668927	12.159241	
0.28167	3.048673	-5.096855	-3.224380
0.000789	0.682960	14.493780	
0.42250	2.992220	-4.154362	-3.224380
0.000789	2.034847	16.433161	
0.56333	2.935767	-3.211870	-3.224380
0.000789	3.386733	17.977382	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	8.623969	-15.159903	-7.898266
0.002557	-4.951008	33.454566	
0.14083	8.623969	-15.159903	-7.898266
0.002557	-1.639500	38.811663	
0.28167	8.623969	-15.159903	-7.898266
0.002557	1.672009	46.166760	
0.42250	8.623969	-15.159903	-7.898266
0.002557	4.983517	52.522858	
0.56333	8.623969	-15.159903	-7.898266
0.002557	8.295025	58.878955	

ELEM 282 ========== LENGTH = 2.977211

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43665	1.782267	-3.331780	-2.492166
8.97E-05	-2.786777	12.043398	
0.57749	1.725812	-2.389214	-2.492166
8.97E-05	-1.741806	13.242812	
0.71833	1.669357	-1.446649	-2.492166
8.97E-05	-0.696834	14.047005	
0.85916	1.612903	-0.504083	-2.492166
8.97E-05	0.348138	14.455979	
1.00000	1.556448	0.438482	-2.492166
8.97E-05	1.393110	14.469732	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43665	5.380277	-15.920679	-6.120760
0.000642	-6.842015	17.669154	
0.57749	5.380277	-15.920679	-6.120760
0.000642	-4.275564	24.344737	
0.71833	5.380277	-15.920679	-6.120760
0.000642	-1.709113	31.020321	
0.85916	5.380277	-15.920679	-6.120760
0.000642	0.857338	37.695904	
1.00000	5.380277	-15.920679	-6.120760
0.000642	3.423790	44.371487	

ELEM 283 ========== LENGTH = 2.977332

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	1.282340	6.352148	-2.377442
0.000486	-1.298526	14.367953	
0.14084	1.225884	7.294782	-2.377442
0.000486	-0.301586	11.506650	
0.28168	1.169427	8.237416	-2.377442
0.000486	0.695354	8.250068	
0.42253	1.112971	9.180049	-2.377442
0.000486	1.692293	4.598210	
0.56337	1.056515	10.122683	-2.377442
0.000486	2.689233	0.551074	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
130

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	3.224976	23.384819	-5.808633
0.001404	-3.168256	44.174508	
0.14084	3.224976	23.384819	-5.808633
0.001404	-0.732505	34.368483	
0.28168	3.224976	23.384819	-5.808633
0.001404	1.703246	24.562458	
0.42253	3.224976	23.384819	-5.808633
0.001404	4.138997	14.756432	
0.56337	3.224976	23.384819	-5.808633
0.001404	6.574749	4.950407	

ELEM 284 ========== LENGTH = 2.977533

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43660	-0.162588	-2.397691	-1.791705
-6.14E-06	-1.990755	17.165965	
0.57745	-0.219047	-1.454943	-1.791705
-6.14E-06	-1.239344	17.973830	
0.71830	-0.275506	-0.512196	-1.791705
-6.14E-06	-0.487933	18.636222	
0.85915	-0.331966	0.430552	-1.791705
-6.14E-06	0.263478	18.403443	
1.00000	-0.388425	1.373299	-1.791705
-6.14E-06	1.014889	18.025190	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43660	-0.410350	-11.347683	-4.380209
0.000194	-4.865103	31.594282	
0.57745	-0.410350	-11.347683	-4.380209
0.000194	-3.028116	36.353311	
0.71830	-0.410350	-11.347683	-4.380209
0.000194	-1.191130	41.112339	
0.85915	-0.410350	-11.347683	-4.380209
0.000194	0.645856	45.871368	
1.00000	-0.410350	-11.347683	-4.380209
0.000194	2.482843	50.630397	

ELEM 285 ========== LENGTH = 2.976426

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.635085	8.541494	-1.727025
0.000333	-0.958803	17.914234	
0.14081	-0.691528	9.483617	-1.727025
0.000333	-0.234996	14.137014	
0.28162	-0.747971	10.425740	-1.727025
0.000333	0.488811	9.964945	
0.42243	-0.804414	11.367862	-1.727025
0.000333	1.212618	5.398026	
0.56323	-0.860857	12.309985	-1.727025
0.000333	1.936425	0.436257	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-2.452942	30.285672	-4.207923
0.001020	-2.334643	50.403524	
0.14081	-2.452942	30.285672	-4.207923
0.001020	-0.571076	37.710604	
0.28162	-2.452942	30.285672	-4.207923
0.001020	1.192492	25.017685	
0.42243	-2.452942	30.285672	-4.207923
0.001020	2.956060	12.324765	
0.56323	-2.452942	30.285672	-4.207923
0.001020	4.719627	-0.368155	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
131

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 286 ========== LENGTH = 2.976819

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43671	-0.320442	-2.464050	-0.916438
-4.13E-06	-1.017177	18.355348	
0.57753	-0.376891	-1.521705	-0.916438
-4.13E-06	-0.633002	19.190772	
0.71835	-0.433340	-0.579360	-0.916438
-4.13E-06	-0.248827	19.631160	
0.85918	-0.489789	0.362984	-0.916438
-4.13E-06	0.135348	19.676513	
1.00000	-0.546238	1.305329	-0.916438
-4.13E-06	0.519523	19.326830	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43671	-0.857205	-10.602265	-2.217538
9.51E-05	-2.460275	35.089504	
0.57753	-0.857205	-10.602265	-2.217538
9.51E-05	-1.530673	39.534025	
0.71835	-0.857205	-10.602265	-2.217538
9.51E-05	-0.601070	43.978546	
0.85918	-0.857205	-10.602265	-2.217538
9.51E-05	0.328532	48.423067	
1.00000	-0.857205	-10.602265	-2.217538
9.51E-05	1.258135	52.867588	

ELEM 287 ========== LENGTH = 2.977700

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.742936	7.972414	-0.879718
0.000136	-0.487673	19.189194	
0.14086	-0.798998	8.915356	-0.879718
0.000136	-0.118698	15.647595	
0.28171	-0.855460	9.858198	-0.879718
0.000136	0.250278	11.710545	
0.42257	-0.911922	10.801040	-0.879718
0.000136	0.619254	7.373042	
0.56342	-0.968383	11.743882	-0.879718
0.000136	0.988229	2.650090	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-2.791949	30.029468	-2.124908
0.000409	-1.177647	52.582602	
0.14086	-2.791949	30.029468	-2.124908
0.000409	-0.286407	39.987489	
0.28171	-2.791949	30.029468	-2.124908
0.000409	0.604833	27.392375	
0.42257	-2.791949	30.029468	-2.124908
0.000409	1.496073	14.797262	
0.56342	-2.791949	30.029468	-2.124908
0.000409	2.387313	2.202149	

ELEM 288 ========== LENGTH = 2.977174

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43666	0.116792	-2.918076	0.009470
-2.59E-05	0.011514	18.113135	
0.57749	0.060338	-1.975531	0.009470
-2.59E-05	0.011543	19.137064	
0.71833	0.003883	-1.032986	0.009470
-2.59E-05	0.007573	19.767790	
0.85916	-0.052571	-0.090442	0.009470
-2.59E-05	0.003602	20.003313	
1.00000	-0.109025	0.852103	0.009470
-2.59E-05	-0.000369	19.843633	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
132

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43666	0.375277	-11.747009	0.049782
-9.28E-05	0.068543	34.341361	
0.57749	0.375277	-11.747009	0.049782
-9.28E-05	0.047669	39.266806	
0.71833	0.375277	-11.747009	0.049782
-9.28E-05	0.026796	44.192250	
0.85916	0.375277	-11.747009	0.049782
-9.28E-05	0.005923	49.117695	
1.00000	0.375277	-11.747009	0.049782
-9.28E-05	-0.014950	54.043140	

ELEM 289 ========== LENGTH = 2.978167

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.303240	7.483833	0.028204
-1.93E-05	0.016680	19.706717	
0.14087	-0.359709	8.426937	0.028204
-1.93E-05	0.004847	16.369102	
0.28174	-0.416177	9.370042	0.028204
-1.93E-05	-0.006986	12.635815	
0.42262	-0.472646	10.313147	0.028204
-1.93E-05	-0.018819	8.508856	
0.56349	-0.529115	11.256252	0.028204
-1.93E-05	-0.030651	3.982226	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.554690	28.743645	0.098293
-6.60E-05	0.057198	53.762480	
0.14087	-1.554690	28.743645	0.098293
-6.60E-05	0.015960	41.703324	
0.28174	-1.554690	28.743645	0.098293
-6.60E-05	-0.025278	29.644168	
0.42262	-1.554690	28.743645	0.098293
-6.60E-05	-0.066516	17.585012	
0.56349	-1.554690	28.743645	0.098293
-6.60E-05	-0.107754	5.525856	

ELEM 290 ========== LENGTH = 2.976714

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43672	0.376599	-2.928447	0.867118
-2.33E-05	0.972236	17.815431	
0.57754	0.320152	-1.986162	0.867118
-2.33E-05	0.608759	18.845480	
0.71836	0.263704	-1.043877	0.867118
-2.33E-05	0.245282	19.480543	
0.85918	0.207257	-0.101592	0.867118
-2.33E-05	-0.118195	19.720621	
1.00000	0.150810	0.840693	0.867118
-2.33E-05	-0.481672	19.565714	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43672	1.000343	-12.591462	2.132210
-0.000201	2.391714	33.078907	
0.57754	1.000343	-12.591462	2.132210
-0.000201	1.497938	38.356976	
0.71836	1.000343	-12.591462	2.132210
-0.000201	0.604162	43.635045	
0.85918	1.000343	-12.591462	2.132210
-0.000201	-0.289615	48.913114	
1.00000	1.000343	-12.591462	2.132210
-0.000201	-1.183391	54.191182	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
133

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 291 ========== LENGTH = 2.977605

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.067084	7.387589	0.873503
-0.000184	0.486721	19.452092	
0.14085	-0.123544	8.330377	0.873503
-0.000184	0.120373	16.156024	
0.28170	-0.180005	9.273166	0.873503
-0.000184	-0.245976	12.464549	
0.42256	-0.236465	10.215954	0.873503
-0.000184	-0.612324	8.377667	
0.56341	-0.292926	11.158742	0.873503
-0.000184	-0.978672	3.895379	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.991912	27.691148	2.152110
-0.000566	1.199190	53.969120	
0.14085	-0.991912	27.691148	2.152110
-0.000566	0.296592	42.355415	
0.28170	-0.991912	27.691148	2.152110
-0.000566	-0.606006	30.741710	
0.42256	-0.991912	27.691148	2.152110
-0.000566	-1.508604	19.128005	
0.56341	-0.991912	27.691148	2.152110
-0.000566	-2.411202	7.514300	

ELEM 292 ========== LENGTH = 2.977120

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43666	0.334174	-2.639876	1.528614
-7.29E-05	1.713123	17.172067	
0.57750	0.277720	-1.697351	1.528614
-7.29E-05	1.072205	18.081325	
0.71833	0.221267	-0.754847	1.528614
-7.29E-05	0.431288	18.595406	
0.85917	0.164814	0.187667	1.528614
-7.29E-05	-0.209629	18.714310	
1.00000	0.108361	1.130182	1.528614
-7.29E-05	-0.850547	18.438036	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43666	0.946468	-13.413541	3.719186
-0.000433	4.169319	30.693152	
0.57750	0.946468	-13.413541	3.719186
-0.000433	2.609539	36.317182	
0.71833	0.946468	-13.413541	3.719186
-0.000433	1.050159	41.941212	
0.85917	0.946468	-13.413541	3.719186
-0.000433	-0.509222	47.565241	
1.00000	0.946468	-13.413541	3.719186
-0.000433	-2.068602	53.189271	

ELEM 293 ========== LENGTH = 2.977216

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.168798	7.627139	1.529685
-0.000276	0.849300	18.369892	
0.14084	-0.225253	8.569708	1.529685
-0.000276	0.207896	14.977430	
0.28168	-0.281708	9.512276	1.529685
-0.000276	-0.433507	11.183265	
0.42251	-0.338162	10.454845	1.529685
-0.000276	-1.074910	6.997117	
0.56335	-0.394617	11.397414	1.529685
-0.000276	-1.716314	2.415747	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
134

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-1.203965	26.900325	3.721143
-0.000857	2.065428	53.079299	
0.14084	-1.203965	26.900325	3.721143
-0.000857	0.505138	41.799883	
0.28168	-1.203965	26.900325	3.721143
-0.000857	-1.055153	30.520467	
0.42251	-1.203965	26.900325	3.721143
-0.000857	-2.615444	19.241051	
0.56335	-1.203965	26.900325	3.721143
-0.000857	-4.175734	7.961635	

ELEM 294 ========== LENGTH = 2.977796

LOAD STEEL ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-0.168023	-4.226114	1.850185
-4.32E-05	2.073031	12.961242	
0.57751	-0.224487	-3.283218	1.850185
-4.32E-05	1.296973	14.566133	
0.71828	-0.280950	-2.340323	1.850185
-4.32E-05	0.520915	15.745527	
0.85914	-0.337413	-1.397427	1.850185
-4.32E-05	-0.255144	16.529424	
1.00000	-0.393876	-0.454531	1.850185
-4.32E-05	-1.031202	16.917825	

LOAD CONC ----------

REL DIST T	P M2	V2 M3	V3
0.43656	0.379550	-20.098555	4.461559
-0.000393	4.998612	18.083928	
0.57742	0.379550	-20.098555	4.461559
-0.000393	3.127216	26.514246	

```
 0.71828      0.379550    -20.098555      4.461559
-0.000393     1.255820     34.944563
 0.85914      0.379550    -20.098555      4.461559
-0.000393    -0.615577     43.374881
 1.00000      0.379550    -20.098555      4.461559
-0.000393    -2.486973     51.805199

ELEM      295 ================== LENGTH
=     2.976711

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -0.810303      6.984463       1.855099
-0.000414     1.030627     16.914526
 0.14082     -0.866751      7.926746       1.855099
-0.000414     0.253011     13.789304
 0.28164     -0.923198      8.869029       1.855099
-0.000414    -0.524605     10.269097
 0.42246     -0.979645      9.811313       1.855099
-0.000414    -1.302221      6.353906
 0.56328     -1.036092     10.753596       1.855099
-0.000414    -2.079837      2.043731

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -2.106735     22.399283      4.461986
-0.001252     2.477594     51.852044
 0.14082     -2.106735     22.399283      4.461986
-0.001252     0.607229     42.462765
 0.28164     -2.106735     22.399283      4.461986
-0.001252    -1.263136     33.073486
 0.42246     -2.106735     22.399283      4.461986
-0.001252    -3.133501     23.684207
 0.56328     -2.106735     22.399283      4.461986
-0.001252    -5.003866     14.294928
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          135

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      296 ================== LENGTH
=     2.976463

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43676     -0.641432     -8.900247      1.783804
-0.000122     1.999658      2.768113
 0.57757     -0.697876     -7.958103      1.783804
-0.000122     1.730038      6.309313
 0.71838     -0.754319     -7.015959      1.783804
-0.000122     0.504418      9.438846
 0.85919     -0.810763     -6.073816      1.783804
-0.000122    -0.243203     12.181912
 1.00000     -0.867207     -5.131672      1.783804
-0.000122    -0.990823     14.530111

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43676      0.293620    -36.124164      4.250013
-0.000648     4.763101     -11.692774
 0.57757      0.293620    -36.124164      4.250013
-0.000648     2.981853      3.447433
 0.71838      0.293620    -36.124164      4.250013
-0.000648     1.200606     18.587641
 0.85919      0.293620    -36.124164      4.250013
-0.000648    -0.580642     33.727849
 1.00000      0.293620    -36.124164      4.250013
-0.000648    -2.361889     48.868057

ELEM      297 ================== LENGTH
=     2.977458

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -1.400413      2.492932      1.761200
-0.000389     0.971541     14.595779
 0.14085     -1.456872      3.435637      1.761200
-0.000389     0.232957     13.352664
 0.28169     -1.513330      4.378342      1.761200
-0.000389    -0.505628     11.714211
 0.42254     -1.569788      5.321047      1.761200
-0.000389    -1.244212      9.680422
 0.56339     -1.626246      6.263752      1.761200
-0.000389    -1.982797      7.251296

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -2.525549      7.742084      4.190135
-0.001095     2.311810     49.086679
 0.14085     -2.525549      7.742084      4.190135
-0.001095     0.554617     45.839924
 0.28169     -2.525549      7.742084      4.190135
-0.001095    -1.202577     42.593169
 0.42254     -2.525549      7.742084      4.190135
-0.001095    -2.959770     39.346415
 0.56339     -2.525549      7.742084      4.190135
-0.001095    -4.716964     36.099660

ELEM      298 ================== LENGTH
=     2.977195

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43665      1.026824    -16.428253      1.408406
-3.56E-05     1.523034    -12.156387
 0.57749      0.970369    -15.485696      1.408406
-3.56E-05     0.932491     -5.465646
 0.71833      0.913915    -14.543139      1.408406
-3.56E-05     0.341948      0.829882
 0.85916      0.857460    -13.600582      1.408406
-3.56E-05    -0.248595      6.730196
 1.00000      0.801006    -12.658025      1.408406
-3.56E-05    -0.839138     12.235298
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          136

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43665      3.616611    -55.978753      3.318463
-3.71E-06     3.585886     -50.541405
 0.57749      3.616611    -55.978753      3.318463
-3.71E-06     2.194459     -27.069579
 0.71833      3.616611    -55.978753      3.318463
-3.71E-06     0.803031      -3.597753
 0.85916      3.616611    -55.978753      3.318463
-3.71E-06    -0.588397     19.874073
 1.00000      3.616611    -55.978753      3.318463
-3.71E-06    -1.979824     43.345899

ELEM      299 ================== LENGTH
=     2.977195

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      0.457803     -5.657316      1.346229
-0.000372     0.790703     12.333056
 0.14084      0.401348     -4.714759      1.346229
-0.000372     0.226231     14.507555
 0.28167      0.344894     -3.772202      1.346229
-0.000372    -0.338241     16.286841
 0.42251      0.288439     -2.829645      1.346229
-0.000372    -0.902713     17.670915
 0.56335      0.231985     -1.887088      1.346229
-0.000372    -1.467185     18.659775

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      1.480668    -17.241555      3.200563
-0.001290     1.886750     43.608780
 0.14084      1.480668    -17.241555      3.200563
-0.001290     0.544758     50.838144
 0.28167      1.480668    -17.241555      3.200563
-0.001290    -0.797235     58.067508
 0.42251      1.480668    -17.241555      3.200563
-0.001290    -2.139227     65.296872
 0.56335      1.480668    -17.241555      3.200563
-0.001290    -3.481220     72.526236

ELEM      300 ================== LENGTH
=     2.977394

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43662      3.000237    -20.047371      0.788117
-1.60E-05     0.824363    -17.668267
 0.57747      2.943779    -19.104702      0.788117
-1.60E-05     0.493867     -9.459084
 0.71831      2.887322    -18.162032      0.788117
-1.60E-05     0.163372     -1.645208
 0.85916      2.830865    -17.219363      0.788117
-1.60E-05    -0.167124      5.773362
 1.00000      2.774407    -16.276694      0.788117
-1.60E-05    -0.497620     12.796624

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43662      6.863361    -63.005799      1.908782
-7.49E-05     1.997147    -64.781888
 0.57747      6.863361    -63.005799      1.908782
-7.49E-05     1.196702    -38.350495
 0.71831      6.863361    -63.005799      1.908782
-7.49E-05     0.396257    -11.939103
 0.85916      6.863361    -63.005799      1.908782
-7.49E-05    -0.404188     14.482290
 1.00000      6.863361    -63.005799      1.908782
-7.49E-05    -1.204633     40.903682
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          137

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      301 ================== LENGTH
=     2.977394

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      1.997654     -7.997089      0.770218
-0.000102     0.481790     12.911617
 0.14084      1.941196     -7.054420      0.770218
-0.000102     0.158800     16.067531
 0.28167      1.884739     -6.111751      0.770218
-0.000102    -0.164190     18.828139
 0.42253      1.828282     -5.169082      0.770218
-0.000102    -0.487180     21.193440
 0.56338      1.771824     -4.226413      0.770218
-0.000102    -0.810169     23.163433

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      4.226746    -29.717795      1.871679
-0.000280     1.171486     41.181380
 0.14084      4.226746    -29.717795      1.871679
-0.000280     0.386600     53.643495
 0.28169      4.226746    -29.717795      1.871679
-0.000280    -0.398286     66.105610
 0.42253      4.226746    -29.717795      1.871679
-0.000280    -1.183173     78.567726
 0.56338      4.226746    -29.717795      1.871679
-0.000280    -1.968059     91.029841

ELEM      302 ================== LENGTH
=     2.977553

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43660      1.057458    -16.893783      0.061020
 1.35E-05     0.060924    -13.087375
 0.57745      1.000998    -15.951025      0.061020
 1.35E-05     0.035333     -6.200012
 0.71830      0.944538    -15.008266      0.061020
 1.35E-05     0.009742      0.291968
 0.85915      0.888079    -14.065508      0.061020
 1.35E-05    -0.015849      6.388568
 1.00000      0.831619    -13.122749      0.061020
 1.35E-05    -0.041440     12.089785

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43660      3.675250    -57.402930      0.242833
-0.000124     0.254093    -53.080171
 0.57745      3.675250    -57.402930      0.242833
-0.000124     0.152252    -29.006058
 0.71830      3.675250    -57.402930      0.242833
-0.000124     0.050411     -4.931946
 0.85915      3.675250    -57.402930      0.242833
-0.000124    -0.051430     19.142167
 1.00000      3.675250    -57.402930      0.242833
-0.000124    -0.153272     43.216279

ELEM      303 ================== LENGTH
=     2.976557

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      0.220539     -6.263709      0.090465
 0.000164     0.060776     12.193372
 0.14081      0.164094     -5.321512      0.090465
 0.000164     0.022858     14.621283
 0.28163      0.107649     -4.379316      0.090465
 0.000164    -0.015059     16.654283
 0.42244      0.051204     -3.437119      0.090465
 0.000164    -0.052976     18.292370
 0.56325     -0.005241     -2.494922      0.090465
 0.000164    -0.090894     19.535546
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          138

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000      0.890323    -19.012894      0.291037
 0.000719     0.183606     43.493250
 0.14081      0.890323    -19.012894      0.291037
 0.000719     0.061821     51.462302
 0.28163      0.890323    -19.012894      0.291037
 0.000719    -0.060164     59.431354
 0.42244      0.890323    -19.012894      0.291037
 0.000719    -0.182150     67.400406
 0.56325      0.890323    -19.012894      0.291037
 0.000719    -0.304135     75.369459

ELEM      304 ================== LENGTH
=     2.977473

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43661     -0.720615     -9.176544     -0.463382
 0.000102    -0.528825      2.036182
 0.57746     -0.777073     -8.233831     -0.463382
 0.000102    -0.334498      5.686861
 0.71831     -0.833532     -7.291117     -0.463382
 0.000102    -0.140170      8.942196
 0.85915     -0.889990     -6.348404     -0.463382
 0.000102     0.054157     11.802187
 1.00000     -0.946449     -5.405690     -0.463382
 0.000102     0.248485     14.266833

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43661      0.099263    -37.036680     -1.045389
 0.000523    -1.192544    -13.412002
 0.57746      0.099263    -37.036680     -1.045389
 0.000523    -0.754142      2.120005
 0.71831      0.099263    -37.036680     -1.045389
 0.000523    -0.315739     17.652012
 0.85915      0.099263    -37.036680     -1.045389
 0.000523     0.122664     33.184019
 1.00000      0.099263    -37.036680     -1.045389
 0.000523     0.561067     48.716026

ELEM      305 ================== LENGTH
=     2.977542

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -1.483839      2.123416     -0.473265
 0.000182    -0.256679     14.350963
 0.14085     -1.539499      3.066169     -0.473265
 0.000182    -0.058199     13.262745
 0.28170     -1.595958      4.008922     -0.473265
 0.000182     0.140282     11.779149
 0.42255     -1.652418      4.951674     -0.473265
 0.000182     0.338763      9.901171
 0.56340     -1.708877      5.894427     -0.473265
 0.000182     0.537243      7.625628

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -2.727025      6.602263     -1.057609
 0.000521    -0.572069     48.976779
 0.14085     -2.727025      6.602263     -1.057609
 0.000521    -0.128523     46.207885
 0.28170     -2.727025      6.602263     -1.057609
 0.000521     0.315022     43.438992
 0.42255     -2.727025      6.602263     -1.057609
 0.000521     0.758568     40.670098
 0.56340     -2.727025      6.602263     -1.057609
 0.000521     1.202114     37.901204
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          139

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      306 ================== LENGTH
=     2.977469

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43661     -0.255986     -4.221109     -0.660715
 2.45E-05    -0.747129     12.483662
 0.57746     -0.312445     -3.278398     -0.660715
 2.45E-05    -0.470046     14.056186
 0.71831     -0.368903     -2.335687     -0.660715
 2.45E-05    -0.192964     15.233367
 0.85915     -0.425361     -1.392976     -0.660715
 2.45E-05     0.084118     16.015207
 1.00000     -0.481820     -0.450265     -0.660715
 2.45E-05     0.361200     16.401704

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43661      0.173146    -20.313714     -1.568583
 0.000271    -1.773214     17.205720
 0.57746      0.173146    -20.313714     -1.568583
 0.000271    -1.115402     25.724626
 0.71831      0.173146    -20.313714     -1.568583
 0.000271    -0.457590     34.243532
 0.85915      0.173146    -20.313714     -1.568583
 0.000271     0.200223     42.762437
 1.00000      0.173146    -20.313714     -1.568583
 0.000271     0.858035     51.281343

ELEM      307 ================== LENGTH
=     2.977533

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00001     -0.922166      6.706184     -0.680601
 0.000219    -0.375914     16.435717
 0.14085     -0.978625      7.648931     -0.680601
 0.000219    -0.090482     13.425569
 0.28170     -1.035085      8.591679     -0.680601
 0.000219     0.194951     10.020049
 0.42255     -1.091544      9.534426     -0.680601
 0.000219     0.480383      6.219154
 0.56340     -1.148004     10.477174     -0.680601
 0.000219     0.765816      2.022890

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -2.369300     21.487084     -1.600296
 0.000707    -0.881564     51.420787
 0.14085     -2.369300     21.487084     -1.600296
 0.000707    -0.210427     42.409463
 0.28170     -2.369300     21.487084     -1.600296
 0.000707     0.460711     33.398139
 0.42255     -2.369300     21.487084     -1.600296
 0.000707     1.131848     24.386815
 0.56340     -2.369300     21.487084     -1.600296
 0.000707     1.802985     15.375491

ELEM      308 ================== LENGTH
=     2.977600

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43659      0.259564     -2.859102     -0.570541
 4.72E-05     0.644345     16.381981
 0.57744      0.203104     -1.916317     -0.570541
 4.72E-05    -0.405061     17.349386
 0.71830      0.146643     -0.973532     -0.570541
 4.72E-05    -0.165776     17.955388
 0.85915      0.090183     -0.030747     -0.570541
 4.72E-05     0.073509     18.165985
 1.00000      0.033723      0.912039     -0.570541
 4.72E-05     0.312794     17.981178
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          140

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43659      0.742657    -14.194899     -1.381165
 0.000290    -1.560135     29.326429
 0.57744      0.742657    -14.194899     -1.381165
 0.000290    -0.980875     35.279769
 0.71830      0.742657    -14.194899     -1.381165
 0.000290    -0.401614     41.233110
 0.85915      0.742657    -14.194899     -1.381165
 0.000290     0.177647     47.186450
 1.00000      0.742657    -14.194899     -1.381165
 0.000290     0.756908     53.139791

ELEM      309 ================== LENGTH
=     2.976604

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -0.325523      7.726626      -0.582091
 0.000118    -0.321004     17.972096
 0.14082     -0.381969      8.670849      -0.582091
 0.000118    -0.077020     14.535169
 0.28163     -0.438415      9.613072      -0.582091
 0.000118     0.166964     10.703308
 0.42245     -0.494860     10.555295      -0.582091
 0.000118     0.410948      6.476513
 0.56326     -0.551306     11.497518      -0.582091
 0.000118     0.654932      1.854785

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -1.603555     26.856685      -1.404023
 0.000401    -0.773018     53.172225
 0.14082     -1.603555     26.856685      -1.404023
 0.000401    -0.184521     41.915221
 0.28163     -1.603555     26.856685      -1.404023
 0.000401     0.403977     30.658217
 0.42245     -1.603555     26.856685      -1.404023
 0.000401     0.992474     19.401214
 0.56326     -1.603555     26.856685      -1.404023
 0.000401     1.580972      8.144210

ELEM      310 ================== LENGTH
=     2.976746

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43672      0.306206     -2.864823      -0.249979
 4.62E-06    -0.282066     17.061009
 0.57754      0.249758     -1.922520      -0.249979
 4.62E-06    -0.177278     18.064403
 0.71836      0.193310     -0.980216      -0.249979
 4.62E-06    -0.072490     18.672797
 0.85918      0.136862     -0.037913      -0.249979
 4.62E-06     0.032297     18.886190
 1.00000      0.080415      0.904390      -0.249979
 4.62E-06     0.137085     18.704582

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43672      0.754858    -12.972256      -0.618659
 7.27E-05    -0.698199     31.905260
 0.57754      0.754858    -12.972296      -0.618659
 7.27E-05    -0.438865     37.343071
 0.71836      0.754858    -12.972296      -0.618659
 7.27E-05    -0.179532     42.780882
 0.85918      0.754858    -12.972296      -0.618659
 7.27E-05     0.079802     48.218694
 1.00000      0.754858    -12.972296      -0.618659
 7.27E-05     0.339135     53.656505
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                          Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                          141

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      311 ================== LENGTH
=     2.977743

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -0.225049      7.465407      -0.254588
 6.68E-05    -0.140892     18.666866
 0.14086     -0.281511      8.408863      -0.254588
 6.68E-05    -0.034109     15.337625
 0.28171     -0.337974      9.351728      -0.254588
 6.68E-05     0.072674     11.612912
 0.42257     -0.394436     10.294594      -0.254588
 6.68E-05     0.179457      7.499728
 0.56343     -0.450899     11.237460      -0.254588
 6.68E-05     0.286240      2.977072

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -1.447090     27.286438      -0.629875
 0.000213    -0.348394     53.619445
 0.14086     -1.447090     27.286438      -0.629875
 0.000213    -0.084202     42.174539
 0.28171     -1.447090     27.286438      -0.629875
 0.000213     0.179990     30.729633
 0.42257     -1.447090     27.286438      -0.629875
 0.000213     0.444183     19.284727
 0.56343     -1.447090     27.286438      -0.629875
 0.000213     0.708375      7.839821

ELEM      312 ================== LENGTH
=     2.976964

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43669      0.239583     -2.873835      0.174158
 1.28E-05     0.194249     16.958126
 0.57751      0.183132     -1.931409      0.174158
 1.28E-05     0.121234     17.965404
 0.71834      0.126681     -0.988982      0.174158
 1.28E-05     0.048220     18.577578
 0.85917      0.070230     -0.046556      0.174158
 1.28E-05    -0.024794     18.794648
 1.00000      0.013779      0.895871      0.174158
 1.28E-05    -0.097808     18.616614

LOAD   CONC --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.43669      0.591369    -12.923519      0.401491
-1.86E-05    -0.448105     31.672071
 0.57751      0.591369    -12.923519      0.401491
-1.86E-05     0.279784     37.090141
 0.71834      0.591369    -12.923519      0.401491
-1.86E-05     0.111462     42.508211
 0.85917      0.591369    -12.923519      0.401491
-1.86E-05    -0.056859     47.926282
 1.00000      0.591369    -12.923519      0.401491
-1.86E-05    -0.225180     53.344352

ELEM      313 ================== LENGTH
=     2.977961

LOAD   STEEL --------------------

REL DIST          P              V2             V3
       T          M2             M3
 0.00000     -0.284915      7.470318      0.169325
-4.10E-05     0.093557     18.572105
 0.14086     -0.341387      8.413307      0.169325
-4.10E-05     0.022526     15.240591
 0.28173     -0.397846      9.356296      0.169325
-4.10E-05    -0.048504     11.513503
 0.42259     -0.454312     10.299285      0.169325
-4.10E-05    -0.119534      7.390840
 0.56346     -0.510777     11.242274      0.169325
-4.10E-05    -0.190564      2.872601
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT
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F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.593984	27.368750	0.390091
-0.000139	0.215105	53.290733	
0.14086	-1.593984	27.368750	0.390091
-0.000139	0.051466	41.809807	
0.28173	-1.593984	27.368750	0.390091
-0.000139	-0.112173	30.328880	
0.42259	-1.593984	27.368750	0.390091
-0.000139	-0.275813	18.847954	
0.56346	-1.593984	27.368750	0.390091
-0.000139	-0.439452	7.367028	

ELEM 314 ========== LENGTH = 2.977259

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.148025	-2.695151	0.560412
-2.54E-05	0.629708	16.210691	
0.57748	0.051570	-1.752559	0.560412
-2.54E-05	0.394719	17.143186	
0.71832	0.035115	-0.809966	0.560412
-2.54E-05	0.159730	17.680438	
0.85916	-0.021341	0.132626	0.560412
-2.54E-05	-0.075259	17.822447	
1.00000	-0.077796	1.075219	0.560412
-2.54E-05	-0.310248	17.569214	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.467333	-13.565054	1.324800
-0.000226	1.489266	29.072106	
0.57748	0.467333	-13.565054	1.324800
-0.000226	0.933758	34.760132	
0.71832	0.467333	-13.565054	1.324800
-0.000226	0.378250	40.448158	
0.85916	0.467333	-13.565054	1.324800
-0.000226	-0.177259	46.136184	
1.00000	0.467333	-13.565054	1.324800
-0.000226	-0.732767	51.824210	

ELEM 315 ========== LENGTH = 2.977259

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.400080	7.611706	0.557537
-0.000107	0.306931	17.540574	
0.14084	-0.456536	8.554299	0.557537
-0.000107	0.073147	14.151253	
0.28168	-0.512991	9.496891	0.557537
-0.000107	-0.160636	10.366688	
0.42252	-0.569446	10.439484	0.557537
-0.000107	-0.394420	6.186881	
0.56336	-0.625902	11.382077	0.557537
-0.000107	-0.628203	1.611831	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.788037	26.796186	1.313526
-0.000367	0.721630	51.808534	
0.14084	-1.788037	26.796186	1.313526
-0.000367	0.170850	40.572501	
0.28168	-1.788037	26.796186	1.313526
-0.000367	-0.379931	29.336467	
0.42252	-1.788037	26.796186	1.313526
-0.000367	-0.930712	18.100433	
0.56336	-1.788037	26.796186	1.313526
-0.000367	-1.481492	6.864400	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 316 ========== LENGTH = 2.976631

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.051175	-4.175382	0.761825
-1.02E-05	0.856214	12.024686	
0.57755	-0.107621	-3.233144	0.761825
-1.02E-05	0.536889	13.577357	
0.71837	-0.164067	-2.290905	0.761825
-1.02E-05	0.217565	14.735081	
0.85918	-0.220513	-1.348666	0.761825
-1.02E-05	-0.101760	15.497859	
1.00000	-0.276959	-0.406428	0.761825
-1.02E-05	-0.421085	15.865689	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.667484	-19.716024	1.784275
-0.000231	2.005178	16.394123	
0.57755	0.667484	-19.716024	1.784275
-0.000231	1.257285	24.658249	
0.71837	0.667484	-19.716024	1.784275
-0.000231	0.509392	32.922375	
0.85918	0.667484	-19.716024	1.784275
-0.000231	-0.238501	41.186501	
1.00000	0.667484	-19.716024	1.784275
-0.000231	-0.986393	49.450627	

ELEM 317 ========== LENGTH = 2.977668

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.690765	6.758441	0.759996
-0.000221	0.418798	15.872787	
0.14085	-0.747227	7.701265	0.759996
-0.000221	0.100463	12.102137	
0.28171	-0.803688	8.644089	0.759996
-0.000221	-0.218713	9.412703	
0.42256	-0.860149	9.586912	0.759996
-0.000221	-0.537468	5.589506	
0.56342	-0.916611	10.529736	0.759996
-0.000221	-0.856223	1.370874	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.809936	22.102137	1.765574
-0.000707	0.970534	49.526215	
0.14085	-1.809936	22.102137	1.765574
-0.000707	0.230023	40.256202	
0.28171	-1.809936	22.102137	1.765574
-0.000707	-0.510489	30.986189	
0.42256	-1.809936	22.102137	1.765574
-0.000707	-1.251001	21.716175	
0.56342	-1.809936	22.102137	1.765574
-0.000707	-1.991513	12.446162	

ELEM 318 ========== LENGTH = 2.978075

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.014849	-9.093251	0.691277
-8.68E-05	0.780637	1.201819	
0.57739	-0.041618	-8.150198	0.691277
-8.68E-05	0.490634	4.818794	
0.71826	-0.098065	-7.207145	0.691277
-8.68E-05	0.200630	8.040140	
0.85913	-0.154553	-6.264092	0.691277
-8.68E-05	-0.089373	10.865858	
1.00000	-0.211020	-5.321039	0.691277
-8.68E-05	-0.379377	13.295948	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	1.869050	-35.946545	1.571463
-0.000489	1.774014	-14.662679	
0.57739	1.869050	-35.946545	1.571463
-0.000489	1.114756	0.417568	
0.71826	1.869050	-35.946545	1.571463
-0.000489	0.455498	15.497815	
0.85913	1.869050	-35.946545	1.571463
-0.000489	-0.203761	30.578062	
1.00000	1.869050	-35.946545	1.571463
-0.000489	-0.863019	45.658309	

ELEM 319 ========== LENGTH = 2.977112

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709459	2.067223	0.683590
-0.000214	0.372619	13.341891	
0.14083	-0.765912	3.009732	0.683590
-0.000214	0.086005	12.277564	
0.28167	-0.822365	3.952242	0.683590
-0.000214	-0.200609	10.818063	
0.42250	-0.878818	4.894751	0.683590
-0.000214	-0.487223	8.963388	
0.56334	-0.935271	5.837261	0.683590
-0.000214	-0.773838	6.713541	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.863031	7.345973	1.545179
-0.000602	0.841231	45.820959	
0.14083	-0.863031	7.345973	1.545179
-0.000602	0.193371	42.740955	
0.28167	-0.863031	7.345973	1.545179
-0.000602	-0.454488	39.660951	
0.42250	-0.863031	7.345973	1.545179
-0.000602	-1.102347	36.580947	
0.56334	-0.863031	7.345973	1.545179
-0.000602	-1.750207	33.500942	

ELEM 320 ========== LENGTH = 2.976630

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.451450	-17.363311	0.341961
-4.76E-06	0.372622	-15.409844	
0.57755	1.395004	-16.421073	0.341961
-4.76E-06	0.229286	-8.329354	
0.71837	1.338559	-15.478835	0.341961
-4.76E-06	0.085950	-1.238809	
0.85918	1.282112	-14.536597	0.341961
-4.76E-06	-0.057385	4.646789	
1.00000	1.225666	-13.594359	0.341961
-4.76E-06	-0.200721	10.542440	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.557249	-57.314619	0.708597
0.000127	0.770325	-57.446297	
0.57755	4.557249	-57.314619	0.708597
0.000127	0.473311	-33.422441	
0.71837	4.557249	-57.314619	0.708597
0.000127	0.176297	-9.398584	
0.85918	4.557249	-57.314619	0.708597
0.000127	-0.120717	14.625273	
1.00000	4.557249	-57.314619	0.708597
0.000127	-0.417731	38.649129	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 321 ========== LENGTH = 2.977599

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.742533	-6.880545	0.310176
-0.000224	0.177452	10.624211	
0.14085	0.686073	-5.937761	0.310176
-0.000224	0.047364	13.312208	
0.28170	0.629612	-4.994976	0.310176
-0.000224	-0.082724	15.604801	
0.42255	0.573152	-4.052192	0.310176
-0.000224	-0.212811	17.501991	
0.56341	0.516692	-3.109408	0.310176
-0.000224	-0.342899	19.003777	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.079308	-19.280422	0.662916
-0.000881	0.384248	38.875115	
0.14085	2.079308	-19.280422	0.662916
-0.000881	0.106221	46.961318	
0.28170	2.079308	-19.280422	0.662916
-0.000881	-0.171805	55.047520	
0.42255	2.079308	-19.280422	0.662916
-0.000881	-0.449832	63.133723	
0.56341	2.079308	-19.280422	0.662916
-0.000881	-0.727859	71.219926	

ELEM 322 ========== LENGTH = 2.977323

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	2.750610	-21.633372	-0.194381
8.99E-06	-0.203831	-22.391367	
0.57748	2.694154	-20.690742	-0.194381
8.99E-06	-0.122321	-13.517464	
0.71832	2.637698	-19.748113	-0.194381
8.99E-06	-0.040811	-5.038834	
0.85916	2.581241	-18.805484	-0.194381
8.99E-06	0.040699	3.044521	
1.00000	2.524785	-17.862855	-0.194381
8.99E-06	0.122209	10.732604	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	6.122918	-65.650527	-0.492480
2.36E-05	-0.516137	-74.959995	
0.57748	6.122918	-65.650527	-0.492480
2.36E-05	-0.309625	-47.430705	
0.71832	6.122918	-65.650527	-0.492480
2.36E-05	-0.103113	-19.901416	
0.85916	6.122918	-65.650527	-0.492480
2.36E-05	0.103399	7.627874	
1.00000	6.122918	-65.650527	-0.492480
2.36E-05	0.309911	35.157163	

ELEM 323 ========== LENGTH = 2.977349

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.823276	-9.817877	-0.194747
2.84E-05	-0.122292	10.813243	
0.14084	1.767419	-8.875233	-0.194747
2.84E-05	-0.040627	14.732602	
0.28169	1.710962	-7.932589	-0.194747
2.84E-05	0.041038	18.256675	
0.42253	1.654506	-6.989945	-0.194747
2.84E-05	0.122702	21.385463	
0.56337	1.598049	-6.047302	-0.194747
2.84E-05	0.204367	24.118966	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.670897	-32.910465	-0.490460
7.27E-05	-0.307681	35.351085	
0.14084	3.670897	-32.910465	-0.490460
7.27E-05	-0.402013	49.151672	
0.28169	3.670897	-32.910465	-0.490460
7.27E-05	0.103655	62.952259	
0.42253	3.670897	-32.910465	-0.490460
7.27E-05	0.309323	76.752845	
0.56337	3.670897	-32.910465	-0.490460
7.27E-05	0.514991	90.553432	

ELEM 324 ========== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.434318	-17.206955	-0.705076
1.92E-05	-0.765006	-15.135449	
0.57750	1.377865	-16.264462	-0.705076
1.92E-05	-0.469389	-8.118663	
0.71833	1.321412	-15.321969	-0.705076
1.92E-05	-0.173771	-1.497035	
0.85917	1.264960	-14.379477	-0.705076
1.92E-05	0.121846	4.729433	
1.00000	1.208507	-13.436984	-0.705076
1.92E-05	0.417464	10.560742	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	4.501920	-56.872915	-1.627691
-8.86E-05	-1.762963	-56.694649	
0.57750	4.501920	-56.872915	-1.627691
-8.86E-05	-1.080520	-32.849521	
0.71833	4.501920	-56.872915	-1.627691
-8.86E-05	-0.398078	-9.004393	
0.85917	4.501920	-56.872915	-1.627691
-8.86E-05	0.284365	14.840735	
1.00000	4.501920	-56.872915	-1.627691
-8.86E-05	0.966808	38.685862	

ELEM 325 ========== LENGTH = 2.978057

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.790592	-6.664995	-0.672220
0.000288	-0.393144	10.640649	
0.14087	0.734124	-5.721952	-0.672220
0.000288	-0.111138	13.238899	
0.28174	0.677657	-4.778909	-0.672220
0.000288	0.170868	15.441530	
0.42261	0.621190	-3.835866	-0.672220
0.000288	0.452874	17.248541	
0.56347	0.564723	-2.892823	-0.672220
0.000288	0.734880	18.659931	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.189154	-18.693650	-1.575112
0.001043	-0.927192	38.907445	
0.14087	2.189154	-18.693650	-1.575112
0.001043	-0.266410	46.749697	
0.28174	2.189154	-18.693650	-1.575112
0.001043	0.394371	54.591950	
0.42261	2.189154	-18.693650	-1.575112
0.001043	1.055153	62.434203	
0.56347	2.189154	-18.693650	-1.575112
0.001043	1.715935	70.276456	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 326 ========== LENGTH = 2.977780

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.039871	-9.009569	-1.016079
0.000104	-1.143775	1.315848	
0.57743	-0.016592	-8.066682	-1.016079
0.000104	-0.717585	4.897122	
0.71828	-0.073055	-7.123796	-1.016079
0.000104	-0.291396	8.082906	
0.85914	-0.129518	-6.180909	-1.016079
0.000104	0.134793	10.873202	
1.00000	-0.185981	-5.238023	-1.016079
0.000104	0.560982	13.268008	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	1.922457	-35.719548	-2.393004
0.000533	-2.692168	-14.359230	
0.57743	1.922457	-35.719548	-2.393004
0.000533	-1.688435	0.623153	
0.71828	1.922457	-35.719548	-2.393004
0.000533	-0.684701	15.605537	
0.85914	1.922457	-35.719548	-2.393004
0.000533	0.319032	30.587920	
1.00000	1.922457	-35.719548	-2.393004
0.000533	1.322765	45.570303	

ELEM 327 ========== LENGTH = 2.976782

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.683092	2.179024	-1.008849
0.000271	-0.554027	13.306409	
0.14082	-0.739541	3.121348	-1.008849
0.000271	-0.131122	12.195463	
0.28164	-0.795989	4.063671	-1.008849
0.000271	0.291783	10.689500	
0.42247	-0.852437	5.005994	-1.008849
0.000271	0.714688	8.788518	
0.56329	-0.908885	5.948318	-1.008849
0.000271	1.137593	6.492520	
0.70411	-0.965333	6.890643	-1.008849
0.000271	1.560498	4.196522	
0.84493	-1.021781	7.832967	-1.008849
0.000271	1.983403	1.900524	
0.98575	-1.078229	8.775291	-1.008849
0.000271	2.406308	-0.395474	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.733014	-19.782931	-2.521080
0.000258	-2.827787	16.265342	
0.57756	0.733014	-19.782931	-2.521080
0.000258	-1.771103	24.557147	
0.71837	0.733014	-19.782931	-2.521080
0.000258	-0.714419	32.848951	
0.85919	0.733014	-19.782931	-2.521080
0.000258	0.342265	41.140756	
1.00000	0.733014	-19.782931	-2.521080
0.000258	1.398948	49.432561	

ELEM 329 ========== LENGTH = 2.977556

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.661563	6.901453	-1.050769
0.000279	-0.581344	15.867882	
0.14085	-0.718022	7.844213	-1.050769
0.000279	-0.140663	12.775797	
0.28170	-0.774482	8.786974	-1.050769
0.000279	0.300018	9.288330	
0.42255	-0.830942	9.729734	-1.050769
0.000279	0.740699	5.400479	
0.56340	-0.887402	10.672494	-1.050769
0.000279	1.181380	1.127246	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.740028	22.466966	-2.501055
0.000856	-1.381574	49.471583	
0.14085	-1.740028	22.466966	-2.501055
0.000856	-0.332660	40.049187	
0.28170	-1.740028	22.466966	-2.501055
0.000856	0.716255	30.626792	
0.42255	-1.740028	22.466966	-2.501055
0.000856	1.765169	21.204396	
0.56340	-1.740028	22.466966	-2.501055
0.000856	2.814084	11.782000	

ELEM 330 ========== LENGTH = 2.977407

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.159486	-2.603551	-0.779852
4.30E-05	-0.875896	16.260908	
0.57747	0.103028	-1.660875	-0.779852
4.30E-05	-0.548774	17.094955	
0.71831	0.046571	-0.718199	-0.779852
4.30E-05	-0.221741	17.593789	
0.85916	-0.009887	0.224477	-0.779852
4.30E-05	0.105291	17.697311	
1.00000	-0.066344	1.167153	-0.779852
4.30E-05	0.432323	17.405520	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.496743	-13.326296	-1.885413
0.000275	-2.117770	28.983067	
0.57747	0.496743	-13.326296	-1.885413
0.000275	-1.327119	34.571472	
0.71831	0.496743	-13.326296	-1.885413
0.000275	-0.536468	40.159878	
0.85916	0.496743	-13.326296	-1.885413
0.000275	0.254183	45.748283	
1.00000	0.496743	-13.326296	-1.885413
0.000275	1.044834	51.336688	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 331 ========== LENGTH = 2.977407

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.359000	7.565287	-0.779071
0.000144	-0.430502	17.353072	
0.14084	-0.416357	8.507964	-0.779071
0.000144	-0.103797	13.982900	
0.28169	-0.472815	9.450640	-0.779071
0.000144	0.222907	10.217414	
0.42253	-0.529272	10.393316	-0.779071
0.000144	0.549612	6.056615	
0.56338	-0.585730	11.335992	-0.779071
0.000144	0.876316	1.500504	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.687997	26.696386	-1.878848
0.000463	-1.037011	51.262585	
0.14084	-1.687997	26.696386	-1.878848
0.000463	-0.249113	40.067409	
0.28169	-1.687997	26.696386	-1.878848
0.000463	0.538786	28.872234	
0.42253	-1.687997	26.696386	-1.878848
0.000463	1.326684	17.677058	
0.56338	-1.687997	26.696386	-1.878848
0.000463	2.114582	6.481882	

ELEM 332 ========== LENGTH = 2.977334

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43663 0.237770 -2.927915 -0.282306
-4.49E-06 -0.316258 16.713964
0.57747 0.181314 -1.985280 -0.282306
-4.49E-06 -0.197877 17.744098
0.71832 0.124857 -1.042645 -0.282306
-4.49E-06 -0.079497 18.378953
0.85916 0.068401 -0.100010 -0.282306
-4.49E-06 0.038884 18.618530
1.00000 0.011944 0.842625 -0.282306
-4.49E-06 0.157264 18.462828

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43663 0.587629 -13.021710 -0.687998
4.38E-05 -0.771071 30.972530
0.57747 0.587629 -13.021710 -0.687998
4.38E-05 -0.482570 36.432968
0.71832 0.587629 -13.021710 -0.687998
4.38E-05 -0.194070 41.893407
0.85916 0.587629 -13.021710 -0.687998
4.38E-05 0.094431 47.353846
1.00000 0.587629 -13.021710 -0.687998
4.38E-05 0.382932 52.814285

ELEM 333 ================== LENGTH = 2.977334

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.257017 7.403083 -0.281538
6.70E-05 -0.156239 18.386621
0.14084 -0.313473 8.345718 -0.281538
6.70E-05 -0.055181 15.084621
0.28168 -0.369930 9.288353 -0.281538
6.70E-05 0.079878 11.387343
0.42253 -0.426386 10.230988 -0.281538
6.70E-05 0.197936 7.294787
0.56337 -0.482843 11.173623 -0.281538
6.70E-05 0.315995 2.806952
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 150

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.524622 27.235150 -0.686789
0.000209 -0.380975 52.682649
0.14084 -1.524622 27.235150 -0.686789
0.000209 -0.092981 41.262040
0.28168 -1.524622 27.235150 -0.686789
0.000209 0.195012 29.841430
0.42253 -1.524622 27.235150 -0.686789
0.000209 0.483006 18.420820
0.56337 -1.524622 27.235150 -0.686789
0.000209 0.771000 7.000210

ELEM 334 ================== LENGTH = 2.977334

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43663 0.238766 -2.922635 0.285896
5.64E-06 0.320242 16.715294
0.57747 0.182310 -1.980300 0.285896
5.64E-06 0.200356 17.743298
0.71832 0.125853 -1.037565 0.285896
5.64E-06 0.080470 18.376022
0.85916 0.069397 -0.094930 0.285896
5.64E-06 -0.039416 18.613469
1.00000 0.012940 0.847705 0.285896
5.64E-06 -0.159302 18.455637

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43663 0.589323 -13.010413 0.686384
-4.20E-05 0.769048 30.973762
0.57747 0.589323 -13.010413 0.686384
-4.20E-05 0.481224 36.429463
0.71832 0.589323 -13.010413 0.686384
-4.20E-05 0.193401 41.885165
0.85916 0.589323 -13.010413 0.686384
-4.20E-05 -0.094422 47.340866
1.00000 0.589323 -13.010413 0.686384
-4.20E-05 -0.382247 52.796568

ELEM 335 ================== LENGTH = 2.977334

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.255762 7.408132 0.285516
-6.67E-05 0.158602 18.379425
0.14084 -0.312218 8.350767 0.285516
-6.67E-05 -0.038876 15.077088
0.28168 -0.368675 9.293402 0.285516
-6.67E-05 -0.080851 11.375912
0.42253 -0.425131 10.236037 0.285516
-6.67E-05 -0.200577 7.281238
0.56337 -0.481588 11.178672 0.285516
-6.67E-05 -0.320304 2.791286

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.522315 27.246367 0.684790
-0.000207 0.379964 52.664925
0.14084 -1.522315 27.246367 0.684790
-0.000207 0.092808 41.239611
0.28168 -1.522315 27.246367 0.684790
-0.000207 -0.194347 29.814297
0.42253 -1.522315 27.246367 0.684790
-0.000207 -0.481502 18.388983
0.56337 -1.522315 27.246367 0.684790
-0.000207 -0.768658 6.963669
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 151

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 336 ================== LENGTH = 2.977407

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43662 0.162074 -2.588837 0.785655
-4.19E-05 0.382269 16.203461
0.57747 0.105616 -1.646160 0.785655
-4.19E-05 0.552803 17.091437
0.71831 0.049159 -0.703484 0.785655
-4.19E-05 0.223338 17.584101
0.85916 -0.007299 0.239192 0.785655
-4.19E-05 -0.106128 17.681452
1.00000 -0.063756 1.181368 0.785655
-4.19E-05 -0.435594 17.383490

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43662 0.502125 -13.294267 1.888974
-0.000273 2.121559 28.982086
0.57747 0.502125 -13.294267 1.888974
-0.000273 1.329414 34.557059
0.71831 0.502125 -13.294267 1.888974
-0.000273 0.537269 40.132033
0.85916 0.502125 -13.294267 1.888974
-0.000273 -0.254875 45.707007
1.00000 0.502125 -13.294267 1.888974
-0.000273 -1.047020 51.281981

ELEM 337 ================== LENGTH = 2.977407

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.356541 7.579781 0.785338
-0.000144 0.434158 17.331032
0.14084 -0.412998 8.522458 0.785338
-0.000144 0.104625 13.954781
0.28169 -0.469456 9.465194 0.785338
-0.000144 -0.224508 10.183217
0.42253 -0.525913 10.407810 0.785338
-0.000144 -0.553841 6.016340
0.56338 -0.582371 11.350486 0.785338
-0.000144 -0.883174 1.454150

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.680798 26.728016 1.882277
-0.000463 1.039076 51.207858
0.14084 -1.680798 26.728016 1.882277
-0.000463 0.249740 39.599418
0.28169 -1.680798 26.728016 1.882277
-0.000463 -0.539597 28.790979
0.42253 -1.680798 26.728016 1.882277
-0.000463 -1.328933 17.582539
0.56338 -1.680798 26.728016 1.882277
-0.000463 -2.118269 6.374099

ELEM 338 ================== LENGTH = 2.976557

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43675 -0.023929 -4.185124 1.062604
-1.88E-05 1.192122 11.982099
0.57756 -0.080374 -3.242927 1.062604
-1.88E-05 0.746743 13.538793
0.71837 -0.136819 -2.300730 1.062604
-1.88E-05 0.301364 14.700575
0.85919 -0.193264 -1.358533 1.062604
-1.88E-05 -0.144015 15.467446
1.00000 -0.249709 -0.416336 1.062604
-1.88E-05 -0.589394 15.839405
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 152

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43675 0.737111 -19.737125 2.534540
-0.000256 2.842693 16.250316
0.57756 0.737111 -19.737125 2.534540
-0.000256 1.780367 24.522922
0.71837 0.737111 -19.737125 2.534540
-0.000256 0.718042 32.795528
0.85919 0.737111 -19.737125 2.534540
-0.000256 -0.344284 41.068134
1.00000 0.737111 -19.737125 2.534540
-0.000256 -1.406609 49.340740

ELEM 339 ================== LENGTH = 2.977556

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.660516 6.924062 1.061499
-0.000280 0.587529 15.831648
0.14085 -0.716976 7.866822 1.061499
-0.000280 0.142348 12.730082
0.28170 -0.773436 8.809583 1.061499
-0.000280 -0.302833 9.233132
0.42255 -0.829896 9.752343 1.061499
-0.000280 -0.748014 5.340800
0.56340 -0.886355 10.695103 1.061499
-0.000280 -1.193195 1.053084

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -1.733053 22.512315 2.515039
-0.000857 1.369642 49.379737
0.14085 -1.733053 22.512315 2.515039
-0.000857 0.334863 39.938322
0.28170 -1.733053 22.512315 2.515039
-0.000857 -0.719917 30.496907
0.42255 -1.733053 22.512315 2.515039
-0.000857 -1.774696 21.055492
0.56340 -1.733053 22.512315 2.515039
-0.000857 -2.829475 11.614077

ELEM 340 ================== LENGTH = 2.977780

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43657 0.021517 -8.985523 1.031847
-0.000103 1.161503 1.310155
0.57743 -0.034946 -8.042637 1.031847
-0.000103 0.728700 4.881342
0.71828 -0.091403 -7.099751 1.031847
-0.000103 0.295897 8.057041
0.85914 -0.147872 -6.156864 1.031847
-0.000103 -0.136906 10.837251
1.00000 -0.204335 -5.213977 1.031847
-0.000103 -0.569709 13.221972

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43657 1.892012 -35.682757 2.419845
-0.000532 2.722303 -14.418235
0.57743 1.892012 -35.682757 2.419845
-0.000532 1.707311 0.846717
0.71828 1.892012 -35.682757 2.419845
-0.000532 0.692320 15.515668
0.85914 1.892012 -35.682757 2.419845
-0.000532 -0.322672 30.482620
1.00000 1.892012 -35.682757 2.419845
-0.000532 -1.337663 45.449571
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 153

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 341 ================== LENGTH = 2.976782

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.700049 2.202945 1.025909
-0.000273 0.563761 13.260362
0.14082 -0.756497 3.145268 1.025909
-0.000273 0.133705 12.139389
0.28164 -0.812945 4.087592 1.025909
-0.000273 -0.296351 10.623398
0.42247 -0.869393 5.029915 1.025909
-0.000273 -0.726408 8.712389
0.56329 -0.925842 5.972239 1.025909
-0.000273 -1.156464 6.406363

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.833474 7.677014 2.394409
-0.000752 1.314967 45.593612
0.14082 -0.833474 7.677014 2.394409
-0.000752 0.311242 42.375443
0.28164 -0.833474 7.677014 2.394409
-0.000752 -0.692483 39.157274
0.42247 -0.833474 7.677014 2.394409
-0.000752 -1.696208 35.939105
0.56329 -0.833474 7.677014 2.394409
-0.000752 -2.699933 32.720936

ELEM 342 ================== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43667 1.370537 -17.192043 0.729708
-1.86E-05 0.791783 -15.155377
0.57750 1.314084 -16.249551 0.729708
-1.86E-05 0.485838 -8.144843
0.71833 1.257632 -15.307058 0.729708
-1.86E-05 0.179893 -1.529467
0.85917 1.201179 -14.364566 0.729708
-1.86E-05 -0.126053 4.690749
1.00000 1.144726 -13.422073 0.729708
-1.86E-05 -0.431998 10.515806

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43667 4.357275 -56.870621 1.674352
8.97E-05 1.813719 -56.818859
0.57750 4.357275 -56.870621 1.674352
8.97E-05 1.111713 -32.974693
0.71833 4.357275 -56.870621 1.674352
8.97E-05 0.409707 -9.130527
0.85917 4.357275 -56.870621 1.674352
8.97E-05 -0.292300 14.713639
1.00000 4.357275 -56.870621 1.674352
8.97E-05 -0.994306 38.557805

ELEM 343 ================== LENGTH = 2.978057

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.733673 -6.650567 0.698647
-0.000290 0.409099 10.595834
0.14087 0.677206 -5.707524 0.698647
-0.000290 0.116006 13.188032
0.28174 0.620739 -4.764481 0.698647
-0.000290 -0.177086 15.384610
0.42261 0.564272 -3.821438 0.698647
-0.000290 -0.470179 17.185568
0.56347 0.507804 -2.878395 0.698647
-0.000290 -0.763272 18.590906
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 154

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 2.058738 -18.694211 1.625919
-0.001048 0.957924 38.779729
0.14087 2.058738 -18.694211 1.625919
-0.001048 0.275828 46.622217
0.28174 2.058738 -18.694211 1.625919
-0.001048 -0.406268 54.464705
0.42261 2.058738 -18.694211 1.625919
-0.001048 -1.088364 62.307193
0.56347 2.058738 -18.694211 1.625919
-0.001048 -1.770461 70.149682

ELEM 344 ================== LENGTH = 2.977349

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43663 2.667544 -21.636713 0.227269
-6.81E-06 0.238444 -22.432987
0.57747 2.611087 -20.694070 0.227269
-6.81E-06 0.143141 -13.557548
0.71831 2.554630 -19.751426 0.227269
-6.81E-06 0.047839 -5.077389
0.85916 2.498174 -18.808782 0.227269
-6.81E-06 -0.047464 3.007472
1.00000 2.441717 -17.866138 0.227269
-6.81E-06 -0.142766 10.697054

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43663 5.911569 -65.688721 0.558193
-1.86E-05 0.585313 -75.137856
0.57747 5.911569 -65.688721 0.558193
-1.86E-05 0.351241 -47.592124
0.71831 5.911569 -65.688721 0.558193
-1.86E-05 0.117170 -20.046391
0.85916 5.911569 -65.688721 0.558193
-1.86E-05 -0.116901 7.499342
1.00000 5.911569 -65.688721 0.558193
-1.86E-05 -0.350972 35.045075

ELEM 345 ================== LENGTH = 2.977323

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.742944 -9.819911 0.229181
-3.32E-05 0.144116 10.777346
0.14084 1.686488 -8.877282 0.229181
-3.32E-05 0.048013 14.697500
0.28168 1.630031 -7.934653 0.229181
-3.32E-05 -0.048089 18.222381
0.42252 1.573575 -6.992024 0.229181
-3.32E-05 -0.144192 21.351989
0.56337 1.517119 -6.049395 0.229181
-3.32E-05 -0.240295 24.086323

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 3.464817 -32.944854 0.559821
-8.28E-05 0.351713 35.238170
0.14084 3.464817 -32.944854 0.559821
-8.28E-05 0.116963 49.052963
0.28168 3.464817 -32.944854 0.559821
-8.28E-05 -0.117788 62.867756
0.42252 3.464817 -32.944854 0.559821
-8.28E-05 -0.352538 76.682549
0.56337 3.464817 -32.944854 0.559821
-8.28E-05 -0.587288 90.497342
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 155

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 346 ================== LENGTH = 2.976630

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43674 1.397467 -17.359771 -0.304479
5.44E-06 -0.332082 -15.420862
0.57755 1.341021 -16.417533 -0.304479
5.44E-06 -0.204458 -8.341856
0.71837 1.284575 -15.475295 -0.304479
5.44E-06 -0.076833 -1.657795
0.85918 1.228129 -14.533057 -0.304479
5.44E-06 0.050792 4.631319
1.00000 1.171683 -13.590819 -0.304479
5.44E-06 0.178416 10.525487

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43674 4.416287 -57.300631 -0.630064
-0.000125 -0.685448 -57.486360
0.57755 4.416287 -57.300631 -0.630064
-0.000125 -0.421352 -33.468367
0.71837 4.416287 -57.300631 -0.630064
-0.000125 -0.157256 -9.450373
0.85918 4.416287 -57.300631 -0.630064
-0.000125 0.106841 14.567621
1.00000 4.416287 -57.300631 -0.630064
-0.000125 0.370937 38.585614

ELEM 347 ================== LENGTH = 2.977599

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.683607 -6.878108 -0.272348
0.000221 -0.154785 10.607398
0.14085 0.627147 -5.935324 -0.272348
0.000221 -0.040563 13.294373
0.28170 0.570687 -4.992539 -0.272348
0.000221 0.073660 15.585944
0.42255 0.514226 -4.049755 -0.272348
0.000221 0.187883 17.482112
0.56341 0.457766 -3.106971 -0.272348
0.000221 0.302106 18.982876

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.928832 -19.267616 -0.584301
0.000875 -0.337200 38.811999
0.14085 1.928832 -19.267616 -0.584301
0.000875 -0.092144 46.892831
0.28170 1.928832 -19.267616 -0.584301
0.000875 0.152912 54.973663
0.42255 1.928832 -19.267616 -0.584301
0.000875 0.397967 63.054494
0.56341 1.928832 -19.267616 -0.584301
0.000875 0.643023 71.135326

ELEM 348 ================== LENGTH = 2.978075

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43652 0.006664 -9.099092 -0.649167
8.87E-05 -0.734488 1.187485
0.57739 -0.049804 -8.156039 -0.649167
8.87E-05 -0.461151 4.806610
0.71826 -0.106271 -7.212986 -0.649167
8.87E-05 -0.188813 8.030407
0.85913 -0.162738 -6.269933 -0.649167
8.87E-05 0.083525 10.858575
1.00000 -0.219206 -5.326880 -0.649167
8.87E-05 0.355862 13.291115
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 156

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43652 1.848157 -35.943467 -1.480163
0.000493 -1.671911 -14.689536
0.57739 1.848157 -35.943467 -1.480163
0.000493 -1.050955 0.389420
0.71826 1.848157 -35.943467 -1.480163
0.000493 -0.429999 15.468376
0.85913 1.848157 -35.943467 -1.480163
0.000493 0.190957 30.547331
1.00000 1.848157 -35.943467 -1.480163
0.000493 0.811913 45.626287

ELEM 349 ================== LENGTH = 2.977112

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.716080 2.062300 -0.641207
0.000210 -0.348892 13.337136
0.14083 -0.772533 3.004809 -0.641207
0.000210 -0.080048 12.274873
0.28167 -0.828986 3.947319 -0.641207
0.000210 0.188796 10.817436
0.42250 -0.885439 4.889828 -0.641207
0.000210 0.457640 8.964826
0.56334 -0.941893 5.832338 -0.641207
0.000210 0.726484 6.717042

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.00000 -0.879890 7.348375 -1.454247
0.000593 -0.790461 45.789197
0.14083 -0.879890 7.348375 -1.454247
0.000593 -0.180727 42.708185
0.28167 -0.879890 7.348375 -1.454247
0.000593 0.429007 39.627174
0.42250 -0.879890 7.348375 -1.454247
0.000593 1.038740 36.546163
0.56334 -0.879890 7.348375 -1.454247
0.000593 1.648474 33.465152

ELEM 350 ================== LENGTH = 2.976671

LOAD STEEL ----------

REL DIST P V2 V3
T M2 M3
0.43673 -0.038123 -4.190781 -0.713953
1.36E-05 -0.802883 11.987093
0.57755 -0.094570 -3.248520 -0.713953
1.36E-05 -0.503616 13.546250
0.71836 -0.151017 -2.306259 -0.713953
1.36E-05 -0.204350 14.710442
0.85918 -0.207463 -1.363998 -0.713953
1.36E-05 0.094916 15.479669
1.00000 -0.263910 -0.421737 -0.713953
1.36E-05 0.394182 15.853930

LOAD CONC ----------

REL DIST P V2 V3
T M2 M3
0.43673 0.697229 -19.746333 -1.678417
0.000238 -1.887407 16.297403
0.57755 0.697229 -19.746333 -1.678417
0.000238 -1.183869 24.574428
0.71836 0.697229 -19.746333 -1.678417
0.000238 -0.480331 32.851453
0.85918 0.697229 -19.746333 -1.678417
0.000238 0.223207 41.128478
1.00000 0.697229 -19.746333 -1.678417
0.000238 0.926745 49.405503

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 351 ========== LENGTH = 2.977629

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.676158	6.743174	-0.712359
0.000216	-0.392058	15.861018	
0.14085	-0.732619	7.685975	-0.712359
0.000216	-0.093290	12.835174	
0.28171	-0.789079	8.628777	-0.712359
0.000216	0.205478	9.413912	
0.42256	-0.845540	9.571578	-0.712359
0.000216	0.504247	5.597232	
0.56341	-0.902001	10.514379	-0.712359
0.000216	0.803015	1.385134	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.776275	22.072026	-1.661399
0.000696	-0.912232	49.480887	
0.14085	-1.776275	22.072026	-1.661399
0.000696	-0.215429	40.223721	
0.28171	-1.776275	22.072026	-1.661399
0.000696	0.481373	30.966555	
0.42256	-1.776275	22.072026	-1.661399
0.000696	1.178176	21.709389	
0.56341	-1.776275	22.072026	-1.661399
0.000696	1.874978	12.452222	

ELEM 352 ========== LENGTH = 2.977259

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.160603	-2.707888	-0.509424
2.91E-05	-0.572918	16.156273	
0.57748	0.104148	-1.765295	-0.509424
2.91E-05	-0.359309	17.090508	
0.71832	0.047692	-0.822703	-0.509424
2.91E-05	-0.145700	17.633101	
0.85916	-0.008763	0.119890	-0.509424
2.91E-05	0.067909	17.780451	
1.00000	-0.065218	1.062482	-0.509424
2.91E-05	0.281518	17.532558	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.494224	-13.591790	-1.210624
0.000235	-1.362281	28.921433	
0.57748	0.494224	-13.591790	-1.210624
0.000235	-0.854649	34.620669	
0.71832	0.494224	-13.591790	-1.210624
0.000235	-0.347016	40.319906	
0.85916	0.494224	-13.591790	-1.210624
0.000235	0.160614	46.019143	
1.00000	0.494224	-13.591790	-1.210624
0.000235	0.668249	51.718380	

ELEM 353 ========== LENGTH = 2.977259

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.387149	7.598598	-0.506821
0.000103	-0.278501	17.503872	
0.14084	-0.443604	8.541190	-0.506821
0.000103	-0.065984	14.120047	
0.28168	-0.500060	9.483783	-0.506821
0.000103	0.146534	10.340979	
0.42252	-0.556515	10.426375	-0.506821
0.000103	0.359052	6.166668	
0.56336	-0.612970	11.368968	-0.506821
0.000103	0.571569	1.597115	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.760244	26.771214	-1.201250
0.000357	-0.658887	51.702686	
0.14084	-1.760244	26.771214	-1.201250
0.000357	-0.155185	40.477124	
0.28168	-1.760244	26.771214	-1.201250
0.000357	0.348516	29.251561	
0.42252	-1.760244	26.771214	-1.201250
0.000357	0.852218	18.025999	
0.56336	-1.760244	26.771214	-1.201250
0.000357	1.355919	6.800436	

ELEM 354 ========== LENGTH = 2.976964

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.225220	-2.881043	-0.122303
-8.08E-06	-0.136534	16.861082	
0.57751	0.168769	-1.938617	-0.122303
-8.08E-06	-0.085259	17.871382	
0.71834	0.112318	-0.996190	-0.122303
-8.08E-06	-0.033985	18.486578	
0.85917	0.055867	-0.053764	-0.122303
-8.08E-06	0.017289	18.706670	
1.00000	-0.000548	0.888663	-0.122303
-8.08E-06	0.068563	18.531658	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.549810	-12.937127	-0.284613
2.96E-05	-0.318185	31.418196	
0.57751	0.549810	-12.937127	-0.284613
2.96E-05	-0.198864	36.841971	
0.71834	0.549810	-12.937127	-0.284613
2.96E-05	-0.079542	42.265746	
0.85917	0.549810	-12.937127	-0.284613
2.96E-05	0.039780	47.689522	
1.00000	0.549810	-12.937127	-0.284613
2.96E-05	0.159101	53.113297	

ELEM 355 ========== LENGTH = 2.977961

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.299388	7.463439	-0.117971
3.67E-05	-0.064827	18.487152	
0.14086	-0.355854	8.406428	-0.117971
3.67E-05	-0.015339	15.158524	
0.28173	-0.412320	9.349418	-0.117971
3.67E-05	0.034149	11.434321	
0.42259	-0.468786	10.292407	-0.117971
3.67E-05	0.083637	7.314543	
0.56346	-0.525251	11.235396	-0.117971
3.67E-05	0.133124	2.799190	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.635584	27.355240	-0.275496
0.000129	-0.151187	53.059672	
0.14086	-1.635584	27.355240	-0.275496
0.000129	-0.035619	41.584413	
0.28173	-1.635584	27.355240	-0.275496
0.000129	0.079949	30.109154	
0.42259	-1.635584	27.355240	-0.275496
0.000129	0.195517	18.633895	
0.56346	-1.635584	27.355240	-0.275496
0.000129	0.311085	7.158636	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 356 ========== LENGTH = 2.976746

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.233270	-2.854483	0.300551
1.33E-06	0.338297	16.906688	
0.57754	0.176823	-1.912180	0.300551
1.33E-06	0.212310	17.905749	
0.71836	0.120375	-0.969876	0.300551
1.33E-06	0.086323	18.509808	
0.85918	0.063927	-0.027573	0.300551
1.33E-06	-0.039664	18.718867	
1.00000	0.007479	0.914730	0.300551
1.33E-06	-0.165651	18.532925	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.564162	-12.939773	0.732818
-5.84E-05	0.825001	31.504884	
0.57754	0.564162	-12.939773	0.732818
-5.84E-05	0.517814	36.929062	
0.71836	0.564162	-12.939773	0.732818
-5.84E-05	0.210627	42.353240	
0.85918	0.564162	-12.939773	0.732818
-5.84E-05	-0.096560	47.777419	
1.00000	0.564162	-12.939773	0.732818
-5.84E-05	-0.403748	53.201597	

ELEM 357 ========== LENGTH = 2.977743

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.298620	7.476196	0.304284
-7.11E-05	0.168612	18.495203	
0.14086	-0.355082	8.419062	0.304284
-7.11E-05	0.040085	15.161683	
0.28171	-0.411545	9.361928	0.304284
-7.11E-05	-0.086643	11.432692	
0.42257	-0.468007	10.304793	0.304284
-7.11E-05	-0.214271	7.308230	
0.56343	-0.524470	11.247659	0.304284
-7.11E-05	-0.341899	2.788296	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.639187	27.318766	0.741141
-0.000223	0.410288	53.164510	
0.14086	-1.639187	27.318766	0.741141
-0.000223	0.099426	41.706045	
0.28171	-1.639187	27.318766	0.741141
-0.000223	-0.211435	30.247580	
0.42257	-1.639187	27.318766	0.741141
-0.000223	-0.522296	18.789114	
0.56343	-1.639187	27.318766	0.741141
-0.000223	-0.833157	7.330649	

ELEM 358 ========== LENGTH = 2.977600

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.187740	-2.811892	0.618151
-3.97E-05	0.697109	16.101886	
0.57744	0.131279	-1.869106	0.618151
-3.97E-05	0.437856	17.083492	
0.71830	0.074819	-0.926321	0.618151
-3.97E-05	0.178604	17.669693	
0.85915	0.018359	0.016464	0.618151
-3.97E-05	-0.080649	17.860490	
1.00000	-0.038102	0.959249	0.618151
-3.97E-05	-0.339901	17.655883	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.554759	-14.064143	1.488355
-0.000272	1.678806	28.692987	
0.57744	0.554759	-14.064143	1.488355
-0.000272	1.054590	34.591489	
0.71830	0.554759	-14.064143	1.488355
-0.000272	0.430374	40.489990	
0.85915	0.554759	-14.064143	1.488355
-0.000272	-0.193842	46.388492	
1.00000	0.554759	-14.064143	1.488355
-0.000272	-0.818058	52.286994	

ELEM 359 ========== LENGTH = 2.976604

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.398806	7.776405	0.626160
-0.000122	0.345230	17.646791	
0.14082	-0.455252	8.718628	0.626160
-0.000122	0.082775	14.189837	
0.28163	-0.511697	9.660851	0.626160
-0.000122	-0.179680	10.337949	
0.42245	-0.568143	10.603074	0.626160
-0.000122	-0.442136	6.091128	
0.56326	-0.624589	11.545297	0.626160
-0.000122	-0.704591	1.449373	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.794922	26.988666	1.501956
-0.000411	0.826645	52.313388	
0.14082	-1.794922	26.988666	1.501956
-0.000411	0.197099	41.007064	
0.28163	-1.794922	26.988666	1.501956
-0.000411	-0.432447	29.694741	
0.42245	-1.794922	26.988666	1.501956
-0.000411	-1.061994	18.382417	
0.56326	-1.794922	26.988666	1.501956
-0.000411	-1.691540	7.070093	

ELEM 360 ========== LENGTH = 2.977469

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.057756	-4.141680	0.702243
-1.55E-05	0.792702	12.034948	
0.57746	-0.114214	-3.198969	0.702243
-1.55E-05	0.498204	13.574162	
0.71831	-0.170672	-2.256257	0.702243
-1.55E-05	0.203706	14.718033	
0.85915	-0.227131	-1.313546	0.702243
-1.55E-05	-0.090792	15.466562	
1.00000	-0.283589	-0.370835	0.702243
-1.55E-05	-0.385290	15.819750	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.677400	-20.101405	1.660754
-0.000250	1.874183	16.047193	
0.57746	0.677400	-20.101405	1.660754
-0.000250	1.177717	24.477064	
0.71831	0.677400	-20.101405	1.660754
-0.000250	0.481251	32.906934	
0.85915	0.677400	-20.101405	1.660754
-0.000250	-0.215214	41.336805	
1.00000	0.677400	-20.101405	1.660754
-0.000250	-0.911680	49.766675	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 361 ========== LENGTH = 2.977533

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.726488	6.783798	0.713184
-0.000225	0.393135	15.853734	
0.14085	-0.782947	7.726545	0.713184
-0.000225	0.094038	12.811037	
0.28170	-0.839407	8.669293	0.713184
-0.000225	-0.205060	9.372966	
0.42255	-0.895866	9.612040	0.713184
-0.000225	-0.504157	5.539523	
0.56340	-0.952326	10.554788	0.713184
-0.000225	-0.803255	1.310708	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.871347	21.694733	1.669999
-0.000720	0.917991	49.906039	
0.14085	-1.871347	21.694733	1.669999
-0.000720	0.217621	40.807630	
0.28170	-1.871347	21.694733	1.669999
-0.000720	-0.482748	31.709221	
0.42255	-1.871347	21.694733	1.669999
-0.000720	-1.183118	22.610812	
0.56340	-1.871347	21.694733	1.669999
-0.000720	-1.883487	13.512403	

ELEM 362 ========== LENGTH = 2.977473

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.154491	-9.243194	0.488377
-9.38E-05	0.556036	0.949802	
0.57746	-0.210950	-8.300480	0.488377
-9.38E-05	0.351226	4.628432	
0.71831	-0.267408	-7.357767	0.488377
-9.38E-05	0.146417	7.911717	
0.85915	-0.323867	-6.415053	0.488377
-9.38E-05	-0.058393	10.799659	
1.00000	-0.380325	-5.472340	0.488377
-9.38E-05	-0.263203	13.292256	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.548189	-37.210186	1.095765
-0.000504	1.247156	-16.223907	
0.57746	1.548189	-37.210186	1.095765
-0.000504	0.787627	-0.619137	
0.71831	1.548189	-37.210186	1.095765
-0.000504	0.328098	14.985633	
0.85915	1.548189	-37.210186	1.095765
-0.000504	-0.131430	30.590402	
1.00000	1.548189	-37.210186	1.095765
-0.000504	-0.590959	46.195172	

ELEM 363 ========== LENGTH = 2.977542

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.920983	2.063306	0.493114
-0.000189	0.267165	13.376390	
0.14085	-0.977442	3.006058	0.493114
-0.000189	0.060360	12.313381	
0.28170	-1.033902	3.948811	0.493114
-0.000189	-0.146444	10.854995	
0.42255	-1.090362	4.891563	0.493114
-0.000189	-0.353249	9.001232	
0.56340	-1.146821	5.834316	0.493114
-0.000189	-0.560054	6.752093	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.288189	6.445233	1.095872
-0.000539	0.592025	46.455928	
0.14085	-1.288189	6.445233	1.095872
-0.000539	0.132432	43.752890	
0.28170	-1.288189	6.445233	1.095872
-0.000539	-0.327160	41.049852	
0.42255	-1.288189	6.445233	1.095872
-0.000539	-0.786753	38.346815	
0.56340	-1.288189	6.445233	1.095872
-0.000539	-1.246346	35.643777	

ELEM 364 ========== LENGTH = 2.977553

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.034966	-17.641794	-0.057242
-2.81E-06	-0.057049	-15.911468	
0.57745	0.978507	-16.699035	-0.057242
-2.81E-06	-0.033043	-8.710398	
0.71830	0.922047	-15.756277	-0.057242
-2.81E-06	-0.009036	-1.504711	
0.85915	0.865587	-14.813518	-0.057242
-2.81E-06	0.014971	4.505595	
1.00000	0.809128	-13.870759	-0.057242
-2.81E-06	0.038977	10.520519	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	3.621098	-59.333537	-0.247424
0.000149	-0.259347	-60.351045	
0.57745	3.621098	-59.333537	-0.247424
0.000149	-0.155580	-35.467259	
0.71830	3.621098	-59.333537	-0.247424
0.000149	-0.051814	-10.583473	
0.85915	3.621098	-59.333537	-0.247424
0.000149	0.051953	14.300313	
1.00000	3.621098	-59.333537	-0.247424
0.000149	0.155720	39.184099	

ELEM 365 ========== LENGTH = 2.976557

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201725	-7.057566	-0.073473
-0.000177	-0.049337	10.624003	
0.14081	0.145280	-6.115369	-0.073473
-0.000177	-0.018542	13.384651	
0.28163	0.088835	-5.173172	-0.073473
-0.000177	0.012253	15.750386	
0.42244	0.032390	-4.230975	-0.073473
-0.000177	0.043049	17.721211	
0.56325	-0.024055	-3.288778	-0.073473
-0.000177	0.073844	19.297123	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.843263	-21.060133	-0.259863
-0.000753	-0.161647	39.460809	
0.14081	0.843263	-21.060133	-0.259863
-0.000753	-0.052728	48.287940	
0.28163	0.843263	-21.060133	-0.259863
-0.000753	0.056191	57.115070	
0.42244	0.843263	-21.060133	-0.259863
-0.000753	0.165110	65.942201	
0.56325	0.843263	-21.060133	-0.259863
-0.000753	0.274029	74.769332	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 366 ========== LENGTH = 2.977394

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	2.215595	-22.014088	-0.766289
1.72E-05	-0.802107	-22.966671	
0.57747	2.159137	-21.071419	-0.766289
1.72E-05	-0.480764	-13.932748	
0.71831	2.102680	-20.128750	-0.766289
1.72E-05	-0.159422	-5.294132	
0.85916	2.046223	-19.186081	-0.766289
1.72E-05	0.161920	2.949178	
1.00000	1.989765	-18.243411	-0.766289
1.72E-05	0.483262	10.797180	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.850019	-68.041534	-1.867957
7.67E-05	-1.955698	-78.346145	
0.57747	4.850019	-68.041534	-1.867957
7.67E-05	-1.172373	-49.813025	
0.71831	4.850019	-68.041534	-1.867957
7.67E-05	-0.389047	-21.279904	
0.85916	4.850019	-68.041534	-1.867957
7.67E-05	0.394278	7.253217	
1.00000	4.850019	-68.041534	-1.867957
7.67E-05	1.177603	35.786338	

ELEM 367 ========== LENGTH = 2.977394

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.213753	-9.884056	-0.754651
0.000101	-0.472689	10.912572	
0.14084	1.157296	-8.941387	-0.754651
0.000101	-0.156227	14.859783	
0.28169	1.100838	-7.998718	-0.754651
0.000101	0.160235	18.411688	
0.42253	1.044381	-7.056049	-0.754651
0.000101	0.476697	21.568285	
0.56338	0.987924	-6.113380	-0.754651
0.000101	0.793159	24.329576	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.215584	-34.549298	-1.844124
0.000278	-1.155614	36.065056	
0.14084	2.215584	-34.549298	-1.844124
0.000278	-0.382283	50.553255	
0.28169	2.215584	-34.549298	-1.844124
0.000278	0.391048	65.041454	
0.42253	2.215584	-34.549298	-1.844124
0.000278	1.164379	79.529653	
0.56338	2.215584	-34.549298	-1.844124
0.000278	1.937710	94.017853	

ELEM 368 ========== LENGTH = 2.977195

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.010062	-17.221551	-1.372563
2.84E-05	-1.485357	15.092395	
0.57749	0.953607	-16.278994	-1.372563
2.84E-05	-0.909843	-8.069025	
0.71833	0.897153	-15.336437	-1.372563
2.84E-05	-0.334329	-1.440869	
0.85916	0.840698	-14.393880	-1.372563
2.84E-05	0.241186	4.792075	
1.00000	0.784244	-13.451323	-1.372563
2.84E-05	0.816700	10.629806	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	3.562723	-57.995507	-3.239535
-1.63E-05	-3.503086	-58.017021	
0.57749	3.562723	-57.995507	-3.239535
-1.63E-05	-2.144753	-33.699573	
0.71833	3.562723	-57.995507	-3.239535
-1.63E-05	-0.786419	-9.382125	
0.85916	3.562723	-57.995507	-3.239535
-1.63E-05	0.571914	14.935323	
1.00000	3.562723	-57.995507	-3.239535
-1.63E-05	1.930247	39.252771	

ELEM 369 ========== LENGTH = 2.977195

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.437959	-6.494429	-1.333908
0.000384	-0.785924	10.727472	
0.14084	0.381504	-5.551872	-1.333908
0.000384	-0.226618	13.252973	
0.28167	0.325050	-4.609316	-1.333908
0.000384	0.332688	15.383260	
0.42251	0.268595	-3.666759	-1.333908
0.000384	0.891994	17.118334	
0.56335	0.212141	-2.724202	-1.333908
0.000384	1.451300	18.458195	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.421499	-19.371490	-3.180078
0.001321	-1.880893	39.515415	
0.14084	1.421499	-19.371490	-3.180078
0.001321	-0.547489	47.637858	
0.28167	1.421499	-19.371490	-3.180078
0.001321	0.785914	55.760301	
0.42251	1.421499	-19.371490	-3.180078
0.001321	2.119317	63.882745	
0.56335	1.421499	-19.371490	-3.180078
0.001321	3.452720	72.005188	

ELEM 370 ========== LENGTH = 2.976463

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.077536	-8.981147	-1.773830
0.000117	-1.988936	1.595795	
0.57757	-0.133980	-8.039004	-1.773830
0.000117	-1.245496	5.162502	
0.71838	-0.190424	-7.096860	-1.773830
0.000117	-0.502056	8.334342	
0.85919	-0.246867	-6.154716	-1.773830
0.000117	0.241384	11.111315	
1.00000	-0.303311	-5.212572	-1.773830
0.000117	0.984824	13.493420	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	1.732501	-36.330525	-4.234856
0.000634	-4.747122	-14.665347	
0.57757	1.732501	-36.330525	-4.234856
0.000634	-2.972227	0.561350	
0.71838	1.732501	-36.330525	-4.234856
0.000634	-1.197332	15.788046	
0.85919	1.732501	-36.330525	-4.234856
0.000634	0.577563	31.014743	
1.00000	1.732501	-36.330525	-4.234856
0.000634	2.352457	46.241440	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
165

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 371 ========== LENGTH = 2.977458

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.840522	2.417712	-1.754095
0.000395	-0.968057	13.559082	
0.14085	-0.896980	3.360417	-1.754095
0.000395	-0.232452	12.347512	
0.28169	-0.953439	4.303122	-1.754095
0.000395	0.503153	10.740604	
0.42254	-1.009897	5.245827	-1.754095
0.000395	1.238758	8.738359	
0.56339	-1.066355	6.188531	-1.754095
0.000395	1.974363	6.340778	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.096806	7.551373	-4.181553
0.001108	-2.308170	46.460056	
0.14085	-1.096806	7.551373	-4.181553
0.001108	-0.554576	43.293278	
0.28169	-1.096806	7.551373	-4.181553
0.001108	1.199019	40.126501	
0.42254	-1.096806	7.551373	-4.181553
0.001108	2.952614	36.959724	
0.56339	-1.096806	7.551373	-4.181553
0.001108	4.706208	33.792947	

ELEM 372 ========== LENGTH = 2.977796

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.028642	-4.131548	-1.859445
3.61E-05	-2.083423	12.580550	
0.57742	-0.027821	-3.188652	-1.859445
3.61E-05	-1.303481	14.041075	
0.71828	-0.084284	-2.245756	-1.859445
3.61E-05	-0.523539	15.180804	
0.85914	-0.140748	-1.302861	-1.859445
3.61E-05	0.256403	15.925036	
1.00000	-0.197211	-0.359965	-1.859445
3.61E-05	1.036345	16.273771	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.882938	-19.863942	-4.494340
0.000375	-5.035327	16.851508	
0.57742	0.882938	-19.863942	-4.494340
0.000375	-3.150181	25.183418	
0.71828	0.882938	-19.863942	-4.494340
0.000375	-1.265035	33.515328	
0.85914	0.882938	-19.863942	-4.494340
0.000375	0.620112	41.847238	
1.00000	0.882938	-19.863942	-4.494340
0.000375	2.505258	50.179148	

ELEM 373 ========== LENGTH = 2.976711

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.616822	7.078149	-1.861533
0.000418	-1.034047	16.270420	
0.14082	-0.673269	8.020432	-1.861533
0.000418	-0.253734	13.105926	
0.28164	-0.729716	8.962715	-1.861533
0.000418	0.526579	9.546448	
0.42246	-0.786164	9.904999	-1.861533
0.000418	1.306892	5.591987	
0.56328	-0.842611	10.847282	-1.861533
0.000418	2.087205	1.242540	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
166

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.611077	22.628564	-4.487472
0.001261	-2.491409	50.226074	
0.14082	-1.611077	22.628564	-4.487472
0.001261	-0.610361	40.740685	
0.28164	-1.611077	22.628564	-4.487472
0.001261	1.270687	31.255297	
0.42246	-1.611077	22.628564	-4.487472
0.001261	3.151735	21.769908	
0.56328	-1.611077	22.628564	-4.487472
0.001261	5.032783	12.284520	

ELEM 374 ========== LENGTH = 2.977216

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.260766	-2.577602	-1.546980
6.64E-05	-1.733975	16.886483	
0.57749	0.204311	-1.635033	-1.546980
6.64E-05	-1.085320	17.769670	
0.71832	0.147857	-0.692464	-1.546980
6.64E-05	-0.436665	18.257635	
0.85916	0.091402	0.250104	-1.546980
6.64E-05	0.211990	18.350377	
1.00000	0.034947	1.192673	-1.546980
6.64E-05	0.860645	18.047896	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.759803	-13.267017	-3.774389
0.000415	-4.231460	29.950803	
0.57749	0.759803	-13.267017	-3.774389
0.000415	-2.648844	35.519718	
0.71832	0.759803	-13.267017	-3.774389
0.000415	-1.066227	41.082632	
0.85916	0.759803	-13.267017	-3.774389
0.000415	0.516389	46.645547	
1.00000	0.759803	-13.267017	-3.774389
0.000415	2.099006	52.208461	

ELEM 375 ========== LENGTH = 2.977120

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242711	7.689078	-1.549233
0.000279	-0.860338	17.980264	
0.14083	-0.299164	8.631592	-1.549233
0.000279	-0.216776	14.555799	
0.28167	-0.355617	9.574107	-1.549233
0.000279	0.438787	10.742156	
0.42250	-0.412070	10.516621	-1.549233
0.000279	1.088349	6.530336	
0.56334	-0.468524	11.459135	-1.549233
0.000279	1.737912	1.923338	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.391919	27.045402	-3.779697
0.000864	-2.098541	52.099302	
0.14083	-1.391919	27.045402	-3.779697
0.000864	-0.513789	40.759705	
0.28167	-1.391919	27.045402	-3.779697
0.000864	1.070962	29.420108	
0.42250	-1.391919	27.045402	-3.779697
0.000864	2.655714	18.080511	
0.56334	-1.391919	27.045402	-3.779697
0.000864	4.240465	6.740915	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
167

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 376 ========== LENGTH = 2.976612

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.311962	-2.904150	-0.893078
2.03E-05	-1.001320	17.608477	
0.57755	0.255516	-1.961922	-0.893078
2.03E-05	-0.626984	18.628291	
0.71837	0.199070	-1.019694	-0.893078
2.03E-05	-0.252647	19.253168	
0.85918	0.142624	-0.077466	-0.893078
2.03E-05	0.121689	19.483107	
1.00000	0.086178	0.864761	-0.893078
2.03E-05	0.496025	19.318109	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.834205	-12.535916	-2.206228
0.000193	-2.474691	32.552845	
0.57755	0.834205	-12.535916	-2.206228
0.000193	-1.549943	37.807313	
0.71837	0.834205	-12.535916	-2.206228
0.000193	-0.625196	43.061781	
0.85918	0.834205	-12.535916	-2.206228
0.000193	0.299552	48.316249	
1.00000	0.834205	-12.535916	-2.206228
0.000193	1.224299	53.570717	

ELEM 377 ========== LENGTH = 2.977605

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.133364	7.410477	-0.900419
0.000186	-0.501871	19.204013	
0.14085	-0.189825	8.353265	-0.900419
0.000186	-0.124235	15.889245	
0.28170	-0.246285	9.296053	-0.900419
0.000186	0.253402	12.197271	
0.42256	-0.302746	10.238842	-0.900419
0.000186	0.631039	8.100790	
0.56341	-0.359206	11.181630	-0.900419
0.000186	1.008676	3.608903	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.162368	27.746869	-2.229303
0.000572	-1.242755	53.347737	
0.14085	-1.162368	27.746869	-2.229303
0.000572	-0.307782	41.710663	
0.28170	-1.162368	27.746869	-2.229303
0.000572	0.627190	30.073588	
0.42256	-1.162368	27.746869	-2.229303
0.000572	1.562163	18.436514	
0.56341	-1.162368	27.746869	-2.229303
0.000572	2.497136	6.799440	

ELEM 378 ========== LENGTH = 2.977174

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.062656	-2.921715	-0.041358
2.33E-05	-0.051026	17.903858	
0.57749	0.006202	-1.979170	-0.041358
2.33E-05	0.033685	18.931313	
0.71833	-0.050252	-1.036625	-0.041358
2.33E-05	-0.016344	19.563564	
0.85916	-0.106706	-0.094080	-0.041358
2.33E-05	0.000997	19.800613	
1.00000	-0.163160	0.848465	-0.041358
2.33E-05	0.018339	19.642459	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
168

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.237443	-11.757500	-0.138828
8.57E-05	-0.167821	33.814805	
0.57749	0.237443	-11.757500	-0.138828
8.57E-05	-0.109611	38.744648	
0.71833	0.237443	-11.757500	-0.138828
8.57E-05	-0.051401	43.674491	
0.85916	0.237443	-11.757500	-0.138828
8.57E-05	0.006808	48.604335	
1.00000	0.237443	-11.757500	-0.138828
8.57E-05	0.065018	53.534178	

ELEM 379 ========== LENGTH = 2.978167

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358324	7.481865	-0.059823
2.11E-05	-0.034415	19.505526	
0.14087	-0.414793	8.424970	-0.059823
2.11E-05	-0.009317	16.168737	
0.28174	-0.471262	9.368075	-0.059823
2.11E-05	0.015782	12.436275	
0.42262	-0.527730	10.311180	-0.059823
2.11E-05	0.040880	8.308142	
0.56349	-0.584199	11.254284	-0.059823
2.11E-05	0.065978	3.784337	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.694902	28.736643	-0.187433
7.13E-05	-0.107333	53.253484	
0.14087	-1.694902	28.736643	-0.187433
7.13E-05	-0.122696	41.197265	
0.28174	-1.694902	28.736643	-0.187433
7.13E-05	0.049940	29.141047	
0.42262	-1.694902	28.736643	-0.187433
7.13E-05	0.128576	17.084828	
0.56349	-1.694902	28.736643	-0.187433
7.13E-05	0.207212	5.028610	

ELEM 380 ========== LENGTH = 2.976819

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-0.411322	-2.455647	0.879950
3.11E-06	0.976711	18.138653	
0.57753	-0.467771	-1.513302	0.879950
3.11E-06	0.607832	18.970554	
0.71835	-0.524220	-0.570957	0.879950
3.11E-06	0.238952	19.407420	
0.85918	-0.580669	0.371388	0.879950
3.11E-06	-0.129927	19.449250	
1.00000	-0.637117	1.313732	0.879950
3.11E-06	-0.498807	19.096045	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-1.086330	-10.582301	2.116482
-9.81E-05	2.348069	34.535292	
0.57753	-1.086330	-10.582301	2.116482
-9.81E-05	1.460829	38.971444	
0.71835	-1.086330	-10.582301	2.116482
-9.81E-05	0.573590	43.407596	
0.85918	-1.086330	-10.582301	2.116482
-9.81E-05	-0.313650	47.843748	
1.00000	-1.086330	-10.582301	2.116482
-9.81E-05	-1.200890	52.279901	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
169

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 381 ========== LENGTH = 2.977700

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.834037	7.980804	0.844755
-0.000134	0.468197	18.958386	
0.14086	-0.890499	8.923646	0.844755
-0.000134	0.113985	15.413311	
0.28171	-0.946961	9.866488	0.844755
-0.000134	-0.240426	11.472784	
0.42257	-1.003423	10.809330	0.844755
-0.000134	-0.594738	7.136805	
0.56342	-1.059885	11.752172	0.844755
-0.000134	-0.949049	2.405375	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.022763	30.050009	2.027070
-0.000403	1.122995	51.994872	
0.14086	-3.022763	30.050009	2.027070
-0.000403	0.272790	39.391143	
0.28171	-3.022763	30.050009	2.027070
-0.000403	-0.577414	26.787415	
0.42257	-3.022763	30.050009	2.027070
-0.000403	-1.427618	14.183686	
0.56342	-3.022763	30.050009	2.027070
-0.000403	-2.277822	1.579958	

ELEM 382 ========== LENGTH = 2.977533

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.216157	-2.353733	1.752909
7.30E-06	1.947596	16.891618	
0.57745	-0.272616	-1.410985	1.752909
7.30E-06	1.212455	17.681048	
0.71830	-0.329076	-0.468238	1.752909
7.30E-06	0.477314	18.075106	
0.85915	-0.385535	0.474509	1.752909
7.30E-06	-0.257827	18.073791	
1.00000	-0.441994	1.417257	1.752909
7.30E-06	-0.992967	17.677103	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.540720	-11.240343	4.272625
-0.000192	4.745362	30.882430	
0.57745	-0.540720	-11.240343	4.272625
-0.000192	2.953494	35.596441	
0.71830	-0.540720	-11.240343	4.272625
-0.000192	1.161627	40.310453	
0.85915	-0.540720	-11.240343	4.272625
-0.000192	-0.630241	45.024465	
1.00000	-0.540720	-11.240343	4.272625
-0.000192	-2.422109	49.738477	

ELEM 383 ========== LENGTH = 2.976426

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.689339	8.585950	1.687339
-0.000332	0.936474	17.565552	
0.14081	-0.745782	9.528073	1.687339
-0.000332	0.229300	13.769701	
0.28162	-0.802225	10.470195	1.687339
-0.000332	-0.477875	9.578999	
0.42243	-0.858668	11.412318	1.687339
-0.000332	-1.185049	4.993448	
0.56323	-0.915111	12.354440	1.687339
-0.000332	-1.892224	0.013048	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
170

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.585026	30.391312	4.097695
-0.001015	2.272565	49.510373	
0.14081	-2.585026	30.391312	4.097695
-0.001015	0.555195	36.773179	
0.28162	-2.585026	30.391312	4.097695
-0.001015	-1.162175	24.035985	
0.42243	-2.585026	30.391312	4.097695
-0.001015	-2.879546	11.298790	
0.56323	-2.585026	30.391312	4.097695
-0.001015	-4.596916	-1.438404	

ELEM 384 ========== LENGTH = 2.977332

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	2.036820	-3.289444	2.447586
-8.79E-05	2.737243	11.508437	
0.57747	1.980364	-2.346811	2.447586
-8.79E-05	1.710890	12.690171	
0.71832	1.923908	-1.404177	2.447586
-8.79E-05	0.684536	13.476627	
0.85916	1.867451	-0.461543	2.447586
-8.79E-05	-0.341817	13.867806	
1.00000	1.810995	0.481091	2.447586
-8.79E-05	-1.368171	13.863707	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	6.039984	-15.822481	5.997597
-0.000638	6.705099	16.285222	
0.57747	6.039984	-15.822481	5.997597
-0.000638	4.190109	22.920110	
0.71832	6.039984	-15.822481	5.997597
-0.000638	1.675119	29.554997	
0.85916	6.039984	-15.822481	5.997597
-0.000638	-0.839871	36.189885	
1.00000	6.039984	-15.822481	5.997597
-0.000638	-3.354861	42.824773	

ELEM 385 ========== LENGTH = 2.977211

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.533517	6.396524	2.331078
-0.000485	1.272348	13.762830	
0.14084	1.477062	7.339089	2.331078
-0.000485	0.294921	10.883140	
0.28167	1.420608	8.281655	2.331078
-0.000485	-0.682507	7.608230	
0.42251	1.364153	9.224221	2.331078
-0.000485	-1.659934	3.938100	
0.56335	1.307698	10.166786	2.331078
-0.000485	-2.637361	-0.127251	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.876399	23.486932	5.681128
-0.001400	3.096383	42.629527	
0.14084	3.876399	23.486932	5.681128
-0.001400	0.714271	32.781394	
0.28167	3.876399	23.486932	5.681128
-0.001400	-1.667841	22.933260	
0.42251	3.876399	23.486932	5.681128
-0.001400	-4.049953	13.085126	
0.56335	3.876399	23.486932	5.681128
-0.001400	-6.432066	3.236993	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
171

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 386 ========== LENGTH = 2.978072

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	2.552394	-16.699076	3.207665
-9.91E-05	3.352241	-16.485824	
0.57739	2.495927	-15.756025	3.207665
-9.91E-05	2.006568	-9.678077	
0.71826	2.439460	-14.812973	3.207665
-9.91E-05	0.660895	-3.265916	
0.85913	2.382992	-13.869922	3.207665
-9.91E-05	-0.684778	2.750537	
1.00000	2.326525	-12.926871	3.207665
-9.91E-05	-2.030451	8.371404	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	7.872004	-50.732878	7.838921
-0.000403	8.189392	-54.402053	
0.57739	7.872004	-50.732878	7.838921
-0.000403	4.900825	-33.118704	
0.71826	7.872004	-50.732878	7.838921
-0.000403	1.612257	-11.835354	
0.85913	7.872004	-50.732878	7.838921
-0.000403	-1.676311	9.447995	
1.00000	7.872004	-50.732878	7.838921
-0.000403	-4.964878	30.731345	

ELEM 387 ========== LENGTH = 2.977081

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.424196	-7.309273	3.163580
-0.000795	1.983190	8.344468	
0.14083	3.367743	-6.366781	3.163580
-0.000795	0.656795	11.211449	
0.28167	3.311290	-5.424288	3.163580
-0.000795	-0.669600	13.683272	
0.42250	3.254838	-4.481796	3.163580
-0.000795	-1.995995	15.759936	
0.56333	3.198385	-3.539303	3.163580
-0.000795	-3.322390	17.441440	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.294140	-16.002735	7.732489
-0.002570	4.848453	30.693153	
0.14083	9.294140	-16.002735	7.732489
-0.002570	1.606450	37.402625	
0.28167	9.294140	-16.002735	7.732489
-0.002570	-1.635554	44.112097	
0.42250	9.294140	-16.002735	7.732489
-0.002570	-4.877557	50.821569	
0.56333	9.294140	-16.002735	7.732489
-0.002570	-8.119560	57.531041	

ELEM 388 ========== LENGTH = 2.978100

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.799654	-40.053780	2.673150
-0.000215	3.061344	-59.685396	
0.57739	0.743186	-39.110713	2.673150
-0.000215	1.939891	-43.079658	

0.71826	0.686718	-38.167646	2.673150
-0.000215	0.818439	-26.869561	
0.85913	0.630251	-37.224579	2.673150
-0.000215	-0.303014	-11.055104	
1.00000	0.573783	-36.281512	2.673150
-0.000215	-1.424467	4.363714	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	1.692854	-108.580796	6.514606
-0.000881	7.459812	-167.298366	
0.57739	1.692854	-108.580796	6.514606
-0.000881	4.726773	-121.746020	
0.71826	1.692854	-108.580796	6.514606
-0.000881	1.993733	-76.193673	
0.85913	1.692854	-108.580796	6.514606
-0.000881	-0.739306	-30.641326	
1.00000	1.692854	-108.580796	6.514606
-0.000881	-3.472346	14.911020	

ELEM 389 ========== LENGTH = 2.977238

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.695090	-31.633332	2.678547
-0.000784	1.412254	4.363353	
0.14084	-1.751545	-30.690751	2.678547
-0.000784	0.289114	17.429897	
0.28168	-1.808000	-29.748169	2.678547
-0.000784	-0.834027	30.101207	
0.42252	-1.864455	-28.805588	2.678547
-0.000784	-1.957167	42.377284	
0.56335	-1.920910	-27.863007	2.678547
-0.000784	-3.080308	54.258128	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.096748	-93.099089	6.549909
-0.002376	3.456323	14.909760	
0.14084	-4.096748	-93.099089	6.549909
-0.002376	0.709883	53.947104	
0.28168	-4.096748	-93.099089	6.549909
-0.002376	-2.036557	92.984448	
0.42252	-4.096748	-93.099089	6.549909
-0.002376	-4.782996	132.021791	
0.56335	-4.096748	-93.099089	6.549909
-0.002376	-7.529436	171.059135	

ELEM 390 ========== LENGTH = 2.759542

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.219398	-4.720760	2.038508
5.45E-05	1.292072	-0.175781	
0.25000	0.219398	-3.683173	2.038508
5.45E-05	1.513735	2.723095	
0.50000	0.219398	-2.645585	2.038508
5.45E-05	0.107398	4.906154	
0.75000	0.219398	-1.607997	2.038508
5.45E-05	-1.298940	6.373396	
1.00000	0.219398	-0.570409	2.038508
5.45E-05	-2.705277	7.124821	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.723631	-15.927374	4.932969
-0.000424	7.065915	-0.425466	
0.25000	0.723631	-9.862590	4.932969
-0.000424	3.662731	8.470596	
0.50000	0.723631	-3.797806	4.932969
-0.000424	0.259547	13.182650	
0.75000	0.723631	2.266978	4.932969
-0.000424	-3.143637	13.710699	
1.00000	0.723631	8.331762	4.932969
-0.000424	-6.546821	10.054740	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 391 ========== LENGTH = 4.973173

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316502	-6.268848	0.556724
-2.16E-05	1.392500	6.873437	
0.25000	0.316502	-4.398935	0.556724
-2.16E-05	0.700329	13.505029	
0.50000	0.316502	-2.529022	0.556724
-2.16E-05	0.008157	17.811770	
0.75000	0.316502	-0.659109	0.556724
-2.16E-05	-0.684014	19.793661	
1.00000	0.316502	1.210804	0.556724
-2.16E-05	-1.376186	19.450702	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.077016	-27.594020	1.338434
-0.000413	3.354619	9.447395	
0.25000	1.077016	-16.664229	1.338434
-0.000413	1.690554	36.960387	
0.50000	1.077016	-5.734438	1.338434
-0.000413	0.026489	50.884443	
0.75000	1.077016	5.195353	1.338434
-0.000413	-1.637577	51.219564	
1.00000	1.077016	16.125144	1.338434
-0.000413	-3.301642	37.965749	

ELEM 392 ========== LENGTH = 4.973122

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.150943	-4.683409	0.465604
-7.11E-05	1.238010	19.293290	
0.25000	0.150943	-2.813515	0.465604
-7.11E-05	0.659134	23.953679	
0.50000	0.150943	-0.943621	0.465604
-7.11E-05	0.080258	26.289266	
0.75000	0.150943	0.926273	0.465604
-7.11E-05	-0.498618	26.300051	
1.00000	0.150943	2.796167	0.465604
-7.11E-05	-1.077494	23.986032	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.624221	-24.206148	1.103113
-0.000388	2.942698	37.589865	
0.25000	0.624221	-13.276468	1.103113
-0.000388	1.571219	60.890568	
0.50000	0.624221	-2.346789	1.103113
-0.000388	0.199740	70.602614	
0.75000	0.624221	8.582890	1.103113
-0.000388	-1.171740	66.726003	
1.00000	0.624221	19.512569	1.103113
-0.000388	-2.543219	49.260734	

ELEM 393 ========== LENGTH = 4.972319

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039195	-4.435750	0.281644
-5.35E-05	0.789127	23.880320	
0.25000	-0.039195	-2.566158	0.281644
-5.35E-05	0.439021	28.232285	
0.50000	-0.039195	-0.696566	0.281644
-5.35E-05	0.088915	30.260198	
0.75000	-0.039195	1.173026	0.281644
-5.35E-05	-0.261191	29.964059	
1.00000	-0.039195	3.042618	0.281644
-5.35E-05	-0.611297	27.343868	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080654	-23.424981	0.647424
-0.000244	1.829000	49.013700	
0.25000	0.080654	-12.497067	0.647424
-0.000244	1.024200	71.340685	
0.50000	0.080654	-1.569153	0.647424
-0.000244	0.219400	80.083401	
0.75000	0.080654	9.358761	0.647424
-0.000244	-0.585400	75.241849	
1.00000	0.080654	20.286675	0.647424
-0.000244	-1.390200	56.816028	

ELEM 394 ========== LENGTH = 4.972517

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.167762	-3.667936	0.082215
-1.06E-05	0.298898	27.289857	
0.25000	-0.167762	-1.798269	0.082215
-1.06E-05	0.196694	30.687457	
0.50000	-0.167762	0.071397	0.082215
-1.06E-05	0.094489	31.760820	
0.75000	-0.167762	1.941064	0.082215
-1.06E-05	-0.007715	30.509945	
1.00000	-0.167762	3.810730	0.082215
-1.06E-05	-0.109919	26.934833	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.291750	-21.590349	0.158513
-4.69E-05	0.625352	56.696608	
0.25000	-0.291750	-10.661999	0.158513
-4.69E-05	0.428300	76.743529	
0.50000	-0.291750	0.266351	0.158513
-4.69E-05	0.231248	83.205097	
0.75000	-0.291750	11.194701	0.158513
-4.69E-05	0.034196	76.081411	
1.00000	-0.291750	22.123052	0.158513
-4.69E-05	-0.162856	55.372173	

ELEM 395 ========== LENGTH = 4.972843

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.241177	-2.866030	-0.116486
3.09E-05	-0.202315	26.933355	
0.25000	-0.241177	-0.996240	-0.116486
3.09E-05	-0.057499	29.333413	
0.50000	-0.241177	0.873549	-0.116486
3.09E-05	0.087318	29.410429	
0.75000	-0.241177	2.743338	-0.116486
3.09E-05	0.232134	27.162153	
1.00000	-0.241177	4.613127	-0.116486
3.09E-05	0.376950	22.589334	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.507847	-19.616565	-0.324582
0.000139	-0.594893	55.380938	
0.25000	-0.507847	-8.687499	-0.324582
0.000139	-0.191369	72.974899	
0.50000	-0.507847	2.241568	-0.324582
0.000139	0.212156	76.981724	
0.75000	-0.507847	13.170635	-0.324582
0.000139	0.615680	67.401415	
1.00000	-0.507847	24.099701	-0.324582
0.000139	1.019204	44.233972	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 396 ========== LENGTH = 4.973396

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.272647	-1.979635	-0.286669
5.87E-05	0.645331	22.650901	
0.25000	-0.272647	-0.109638	-0.286669
5.87E-05	-0.288901	23.949749	
0.50000	-0.272647	1.760358	-0.286669
5.87E-05	0.067529	22.923539	
0.75000	-0.272647	3.630355	-0.286669
5.87E-05	0.423959	19.572270	
1.00000	-0.272647	5.500352	-0.286669
5.87E-05	0.780389	13.895942	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.606358	-17.428762	-0.734418
0.000283	-1.664197	44.395591	
0.25000	-0.606358	-6.498481	-0.734418
0.000283	-0.751059	59.270547	
0.50000	-0.606358	4.431799	-0.734418
0.000283	0.162078	60.555350	
0.75000	-0.606358	15.362080	-0.734418
0.000283	1.075216	48.250001	
1.00000	-0.606358	26.292360	-0.734418
0.000283	1.988354	22.354500	

ELEM 397 ========== LENGTH = 4.972882

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.277214	-1.049180	-0.396472
5.88E-05	-0.953808	14.006995	
0.25000	-0.277214	0.820624	-0.396472
5.88E-05	-0.460906	14.149068	
0.50000	-0.277214	2.690428	-0.396472
5.88E-05	0.031995	11.966562	
0.75000	-0.277214	4.560231	-0.396472
5.88E-05	0.524897	7.459478	
1.00000	-0.277214	6.430035	-0.396472
5.88E-05	1.017799	0.627816	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.630888	-15.263757	-0.994101
0.000353	-2.397614	22.634504	
0.25000	-0.630888	-4.334605	-0.994101
0.000353	-1.161727	34.817047	
0.50000	-0.630888	6.594547	-0.994101
0.000353	0.074160	33.412244	
0.75000	-0.630888	17.523699	-0.994101
0.000353	1.310047	18.420095	
1.00000	-0.630888	28.452850	-0.994101
0.000353	2.545934	-10.159399	

ELEM 398 ========== LENGTH = 4.972683

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.239094	-1.055428	-0.421008
1.47E-05	-1.056140	0.757528	
0.25000	-0.239094	0.814300	-0.421008
1.47E-05	-0.532755	0.907410	
0.50000	-0.239094	2.684029	-0.421008
1.47E-05	-0.009370	-1.267100	
0.75000	-0.239094	4.553758	-0.421008
1.47E-05	0.514015	-5.766002	
1.00000	-0.239094	6.423486	-0.421008
1.47E-05	1.037400	-12.589296	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.563307	-15.281444	-1.045555
0.000287	-2.626159	9.836582	
0.25000	-0.563307	-4.352731	-1.045555
0.000287	-1.326356	2.367733	
0.50000	-0.563307	6.575982	-1.045555
0.000287	-0.026552	0.985793	
0.75000	-0.563307	17.504696	-1.045555
0.000287	1.273251	-13.982403	
1.00000	-0.563307	28.433409	-1.045555
0.000287	2.573055	-42.536855	

ELEM 399 ========== LENGTH = 4.972600

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.134313	-1.308584	-0.342199
-4.61E-05	-0.911010	-12.468081	
0.25000	-0.134313	0.561113	-0.342199
-4.61E-05	-0.486506	-12.003471	
0.50000	-0.134313	2.430811	-0.342199
-4.61E-05	-0.060201	-13.863177	
0.75000	-0.134313	4.300508	-0.342199
-4.61E-05	0.365204	-18.047196	
1.00000	-0.134313	6.170206	-0.342199
-4.61E-05	0.790608	-24.555530	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.398351	-16.784095	-0.851365
0.000114	-2.262585	-42.236810	
0.25000	-0.398351	-5.855563	-0.851365
0.000114	-1.204210	-28.164565	
0.50000	-0.398351	5.072968	-0.851365
0.000114	-0.145835	-27.678124	
0.75000	-0.398351	16.001499	-0.851365
0.000114	0.912540	-40.777485	
1.00000	-0.398351	26.930030	-0.851365
0.000114	1.970915	-67.462650	

ELEM 400 ========== LENGTH = 3.481038

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029119	-0.637279	-0.418480
-2.53E-05	-0.815971	-24.458353	
0.25000	0.029119	0.671592	-0.418480
-2.53E-05	-0.451785	-24.473284	
0.50000	0.029119	1.980462	-0.418480
-2.53E-05	-0.087599	-25.627272	
0.75000	0.029119	3.289333	-0.418480
-2.53E-05	0.276587	-27.920317	
1.00000	0.029119	4.598203	-0.418480
-2.53E-05	0.640774	-31.352419	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.157601	-12.560671	-1.066308
5.91E-05	-2.065119	-67.218173	
0.25000	-0.157601	-4.910219	-1.066308
5.91E-05	-1.137154	-59.616068	
0.50000	-0.157601	2.740233	-1.066308
5.91E-05	-0.209190	-58.671843	
0.75000	-0.157601	10.390686	-1.066308
5.91E-05	0.718775	-64.385497	
1.00000	-0.157601	18.041138	-1.066308
5.91E-05	1.646740	-76.757031	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 401 ========== LENGTH = 3.481101

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.047119	-4.156741	-0.161074
9.70E-05	-0.356056	-31.290782	
0.25000	0.047119	-2.847847	-0.161074
9.70E-05	-0.215677	-28.242822	
0.50000	0.047119	-1.538953	-0.161074
9.70E-05	-0.075698	-26.333960	
0.75000	0.047119	-0.230059	-0.161074
9.70E-05	0.064481	-25.564197	
1.00000	0.047119	1.078835	-0.161074
9.70E-05	0.204660	-25.933531	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.126773	-16.966983	-0.455730
0.000171	-0.971235	-76.597215	
0.25000	-0.126773	-9.316393	-0.455730
0.000171	-0.574624	-65.160328	
0.50000	-0.126773	-1.665802	-0.455730
0.000171	-0.178013	-60.381561	
0.75000	-0.126773	5.984788	-0.455730
0.000171	0.218598	-62.260915	
1.00000	-0.126773	13.635378	-0.455730
0.000171	0.615208	-70.798388	

ELEM 402 ========== LENGTH = 4.972903

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082263	-5.598427	0.041482
0.000116	0.045272	-25.922159	
0.25000	-0.082263	-3.728615	0.041482
0.000116	-0.006300	-20.124350	
0.50000	-0.082263	-1.858804	0.041482
0.000116	-0.057872	-16.651138	
0.75000	-0.082263	0.011008	0.041482
0.000116	-0.109443	-15.502525	
1.00000	-0.082263	1.880819	0.041482
0.000116	-0.161015	-16.678509	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.313476	-25.548428	0.060854
0.000105	0.012778	-70.759119	
0.25000	-0.313476	-14.619231	0.060854
0.000105	-0.062877	-45.790385	
0.50000	-0.313476	-3.690033	0.060854
0.000105	-0.138532	-34.409111	
0.75000	-0.313476	7.239164	0.060854
0.000105	-0.214187	-36.615297	
1.00000	-0.313476	18.168362	0.060854
0.000105	-0.289842	-52.408942	

ELEM 403 ========== LENGTH = 4.972164

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.155692	-5.754913	0.128542
5.48E-05	0.294268	-16.702293	
0.25000	-0.155692	-3.885379	0.128542
5.48E-05	0.134485	-10.710655	
0.50000	-0.155692	-2.015846	0.128542
5.48E-05	-0.025298	-7.042923	
0.75000	-0.155692	-0.146312	0.128542
5.48E-05	-0.185081	-5.699097	
1.00000	-0.155692	1.723221	0.128542
5.48E-05	-0.344865	-6.679179	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430227	-26.814858	0.273065
-6.93E-05	0.613534	-52.454893	
0.25000	-0.430227	-15.887286	0.273065
-6.93E-05	0.274103	-29.914638	
0.50000	-0.430227	-4.959713	0.273065
-6.93E-05	-0.065328	-12.957802	
0.75000	-0.430227	5.967859	0.273065
-6.93E-05	-0.404759	-13.584385	
1.00000	-0.430227	16.895431	0.273065
-6.93E-05	-0.744189	-27.794387	

ELEM 404 ========== LENGTH = 4.972548

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169261	-5.481533	0.142786
2.54E-06	0.359950	-6.726347	
0.25000	-0.169261	-3.611855	0.142786
2.54E-06	0.182447	-1.074183	
0.50000	-0.169261	-1.742177	0.142786
2.54E-06	0.004945	2.259714	
0.75000	-0.169261	0.127501	0.142786
2.54E-06	-0.172558	3.257346	
1.00000	-0.169261	1.997179	0.142786
2.54E-06	-0.350060	1.936711	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.466871	-26.146600	0.315559
-0.000153	0.793172	-27.898015	
0.25000	-0.466871	-15.218183	0.315559
-0.000153	0.400889	-2.186270	
0.50000	-0.466871	4.289755	0.315559
-0.000153	0.008605	9.938556	
0.75000	-0.466871	6.638652	0.315559
-0.000153	-0.383678	8.478562	
1.00000	-0.466871	17.567069	0.315559
-0.000153	-0.775961	-6.566951	

ELEM 405 ========== LENGTH = 4.973059

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169831	-4.874243	0.094619
-1.37E-05	0.264035	1.893954	
0.25000	-0.169831	-3.004373	0.094619
-1.37E-05	0.146398	6.791557	
0.50000	-0.169831	-1.134503	0.094619
-1.37E-05	0.028762	9.364416	
0.75000	-0.169831	0.735367	0.094619
-1.37E-05	-0.088874	9.612532	
1.00000	-0.169831	2.605237	0.094619
-1.37E-05	-0.206510	7.535905	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.484351	-24.722233	0.205309
-0.000118	0.578299	-6.662248	
0.25000	-0.484351	-13.792693	0.205309
-0.000118	0.323046	17.279877	
0.50000	-0.484351	-2.863153	0.205309
-0.000118	0.067793	27.633690	
0.75000	-0.484351	8.066387	0.205309
-0.000118	-0.187460	24.399192	
1.00000	-0.484351	18.995927	0.205309
-0.000118	-0.442713	7.576382	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 406 ========== LENGTH = 4.972749

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.167925	-4.006990	0.007752
-7.20E-06	0.058695	7.519907	
0.25000	-0.167925	-2.137236	0.007752
-7.20E-06	0.049058	11.339119	
0.50000	-0.167925	-0.267483	0.007752
-7.20E-06	0.039421	12.833877	
0.75000	-0.167925	1.602271	0.007752
-7.20E-06	0.029783	12.004181	
1.00000	-0.167925	3.472025	0.007752
-7.20E-06	0.020146	8.850031	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.488885	-22.514391	-0.000908
-2.19E-05	0.092279	7.544080	
0.25000	-0.488885	-11.585531	-0.000908
-2.19E-05	0.093407	28.740375	
0.50000	-0.488885	-0.656671	-0.000908
-2.19E-05	0.094536	36.350050	
0.75000	-0.488885	10.272190	-0.000908

```
-2.19E-05    0.095664   30.373104
1.00000    -0.488885   21.201050   -0.000908
-2.19E-05    0.096793   10.809538

ELEM      407 ================== LENGTH
=     4.972462

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.163062   -3.154276   -0.086657
 2.04E-06   -0.178772    8.862341
0.25000   -0.163062   -1.284631   -0.086657
 2.04E-06   -0.071047   11.621378
0.50000   -0.163062    0.585015   -0.086657
 2.04E-06    0.036678   12.056229
0.75000   -0.163062    2.454661   -0.086657
 2.04E-06    0.144403   10.166895
1.00000   -0.163062    4.324306   -0.086657
 2.04E-06    0.252128    5.953376

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.476430  -20.340803   -0.225685
 8.11E-05   -0.473830   10.844705
0.25000   -0.476430   -9.412575   -0.225685
 8.11E-05   -0.193277   29.338148
0.50000   -0.476430    1.515653   -0.225685
 8.11E-05    0.087275   34.246541
0.75000   -0.476430   12.443851   -0.225685
 8.11E-05    0.367828   25.569884
1.00000   -0.476430   23.372110   -0.225685
 8.11E-05    0.648380    3.308177

ELEM      408 ================== LENGTH
=     4.973393

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.153148   -2.263329   -0.154959
-8.39E-06   -0.356707    5.984743
0.25000   -0.153148   -0.393333   -0.154959
-8.39E-06   -0.174038    7.636321
0.50000   -0.153148    1.476663   -0.154959
-8.39E-06    0.018630    6.962844
0.75000   -0.153148    3.346658   -0.154959
-8.39E-06    0.211298    3.964310
1.00000   -0.153148    5.216654   -0.154959
-8.39E-06    0.403967   -1.359281
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         180

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.444732  -18.221514   -0.385504
 0.000131   -0.916329    3.388262
0.25000   -0.444732   -7.291239   -0.385504
 0.000131   -0.437013   19.248881
0.50000   -0.444732    3.639037   -0.385504
 0.000131    0.042303   21.519361
0.75000   -0.444732   14.569312   -0.385504
 0.000131    0.521620   10.199701
1.00000   -0.444732   25.499587   -0.385504
 0.000131    1.000936  -14.710099

ELEM      409 ================== LENGTH
=     4.972406

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.134246   -1.998791   -0.169957
-5.37E-05   -0.430203   -1.303765
0.25000   -0.134246   -0.129167   -0.169957
-5.37E-05   -0.218929    0.018869
0.50000   -0.134246    1.740458   -0.169957
-5.37E-05   -0.007655   -0.982630
0.75000   -0.134246    3.610082   -0.169957
-5.37E-05    0.203618   -4.308262
1.00000   -0.134246    5.479707   -0.169957
-5.37E-05    0.414892   -9.958027

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.405538  -17.574016   -0.415072
 6.67E-05   -1.053768  -14.573844
0.25000   -0.405538   -6.645911   -0.415072
 6.67E-05   -0.537791    0.480068
0.50000   -0.405538    4.282193   -0.415072
 6.67E-05   -0.021814   19.949239
0.75000   -0.405538   15.210297   -0.415072
 6.67E-05    0.494163  -10.166332
1.00000   -0.405538   26.138402   -0.415072
 6.67E-05    1.010139  -35.866645

ELEM      410 ================== LENGTH
=     4.972543

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.088795   -1.991520   -0.114364
-0.000110   -0.324699    -9.917556
0.25000   -0.088795   -0.121844   -0.114364
-0.000110   -0.182529    -8.603957
0.50000   -0.088795    1.747832   -0.114364
-0.000110   -0.040358    -9.614620
0.75000   -0.088795    3.617509   -0.114364
-0.000110    0.101812   -10.945643
1.00000   -0.088795    5.487185   -0.114364
-0.000110    0.243982   -18.608728

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.369184  -18.441709   -0.278991
-8.58E-05   -0.790168   -35.767964
0.25000   -0.369184   -7.513303   -0.278991
-8.58E-05   -0.443345   -19.635163
0.50000   -0.369184    3.415102   -0.278991
-8.58E-05   -0.096522   -17.087853
0.75000   -0.369184   14.343508   -0.278991
-8.58E-05    0.250302   -28.126034
1.00000   -0.369184   25.271914   -0.278991
-8.58E-05    0.597125   -52.749706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         181

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      411 ================== LENGTH
=     3.481352

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.019801   -1.175395   -0.034592
-8.40E-05   -0.120828   -18.589317
0.25000   -0.019801    0.133593   -0.034592
-8.40E-05   -0.090721   -18.135957
0.50000   -0.019801    1.442581   -0.034592
-8.40E-05   -0.060614   -18.821859
0.75000   -0.019801    2.751570   -0.034592
-8.40E-05   -0.030507   -20.647024
1.00000   -0.019801    4.060558   -0.034592
-8.40E-05   -0.000400   -23.611450

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.345355  -13.872459   -0.099357
-0.000120   -0.315330   -52.699932
0.25000   -0.345355   -6.221319   -0.099357
-0.000120   -0.228856   -43.955744
0.50000   -0.345355    1.429822   -0.099357
-0.000120   -0.142382   -41.870633
0.75000   -0.345355    9.080963   -0.099357
-0.000120   -0.055908   -46.444600
1.00000   -0.345355   16.732103   -0.099357
-0.000120    0.030566   -57.677644

ELEM      412 ================== LENGTH
=     3.481014

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.025679   -4.224542    0.173952
 5.69E-05    0.239567   -23.625877
0.25000   -0.025679   -2.915681    0.173952
 5.69E-05    0.088185   -20.518975
0.50000   -0.025679   -1.606820    0.173952
 5.69E-05   -0.063198   -18.551114
0.75000   -0.025679   -0.297959    0.173952
 5.69E-05   -0.214581   -17.722294
1.00000   -0.025679    1.010902    0.173952
 5.69E-05   -0.365964   -18.032515

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.360314  -17.130555    0.391172
 5.22E-05    0.533152   -57.707858
0.25000   -0.360314   -9.480157    0.391172
 5.22E-05    0.192734   -46.128827
0.50000   -0.360314   -1.829759    0.391172
 5.22E-05   -0.147685   -41.207580
0.75000   -0.360314    5.820638    0.391172
 5.22E-05   -0.488104   -42.944118
1.00000   -0.360314   13.471036    0.391172
 5.22E-05   -0.828523   -51.338441

ELEM      413 ================== LENGTH
=     4.972986

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.105639   -5.708457    0.185994
 8.50E-05    0.422606   -18.080249
0.25000   -0.105639   -3.838615    0.185994
 8.50E-05    0.191370   -21.145568
0.50000   -0.105639   -1.968772    0.185994
 8.50E-05   -0.039866   -8.535561
0.75000   -0.105639   -0.098930    0.185994
 8.50E-05   -0.271103   -7.250230
1.00000   -0.105639    1.770913    0.185994
 8.50E-05   -0.502339   -8.289574
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         182

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.415297  -25.814229    0.428399
 2.24E-05    0.970605   -51.447850
0.25000   -0.415297  -14.884850    0.428399
 2.24E-05    0.437999   -26.148359
0.50000   -0.415297   -3.955471    0.428399
 2.24E-05   -0.094607   -14.436778
0.75000   -0.415297    6.973908    0.428399
 2.24E-05   -0.627212   -16.313108
1.00000   -0.415297   17.903287    0.428399
 2.24E-05   -1.159818   -31.777349

ELEM      414 ================== LENGTH
=     4.972566

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.165202   -5.726139    0.238427
 3.01E-05    0.590899   -18.355502
0.25000   -0.165202   -3.856454    0.238427
 3.01E-05    0.294501   -2.399243
0.50000   -0.165202   -1.986770    0.238427
 3.01E-05   -0.001898    1.232734
0.75000   -0.165202   -0.117085    0.238427
 3.01E-05   -0.298296    2.540428
1.00000   -0.165202    1.752600    0.238427
 3.01E-05   -0.594695    1.523840

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.487818  -26.743441    0.555992
-0.000128    1.374544   -31.930054
0.25000   -0.487818   -15.814984    0.555992
-0.000128    0.683368    -5.476983
0.50000   -0.487818   -4.886528    0.555992
-0.000128   -0.007809    7.390470
0.75000   -0.487818    6.041928    0.555992
-0.000128   -0.698985    -6.672088
1.00000   -0.487818   16.970384    0.555992
-0.000128   -1.390161    -7.631471

ELEM      415 ================== LENGTH
=     4.972251

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.194333   -5.639441    0.211559
-1.24E-05    0.554787    1.454525
0.25000   -0.194333   -3.769874    0.211559
-1.24E-05    0.291806    7.302710
0.50000   -0.194333   -1.900308    0.211559
-1.24E-05    0.028825    10.826906
0.75000   -0.194333   -0.030741    0.211559
-1.24E-05   -0.234156    12.027114
1.00000   -0.194333    1.838825    0.211559
-1.24E-05   -0.497137    10.903333

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.553682  -26.533226    0.497486
-0.000185    1.304077    -7.793982
0.25000   -0.553682   -15.605461    0.497486
-0.000185    0.685671    18.396535
0.50000   -0.553682    -4.677695    0.497486
-0.000185    0.067264    31.003154
0.75000   -0.553682    6.250070    0.497486
-0.000185   -0.551142    30.025873
1.00000   -0.553682   17.177836    0.497486
-0.000185   -1.169548   15.464893
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         183

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      416 ================== LENGTH
=     4.973063

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.211787   -4.610799    0.122656
-1.71E-05    0.356979    10.846010
0.25000   -0.211787   -2.740927    0.122656
-1.71E-05    0.204485    15.416084
0.50000   -0.211787   -0.871056    0.122656
-1.71E-05    0.051991    17.661412
0.75000   -0.211787    0.998816    0.122656
-1.71E-05   -0.100502    17.581992
1.00000   -0.211787    2.868688    0.122656
-1.71E-05   -0.252996    15.177824

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.605265  -24.074640    0.287209
-0.000122    0.838878    15.336606
0.25000   -0.605265   -13.145091    0.287209
-0.000122    0.481901    38.466614
0.50000   -0.605265   -2.215542    0.287209
-0.000122    0.124824    48.015288
0.75000   -0.605265    8.714006    0.287209
-0.000122   -0.232254    43.975629
1.00000   -0.605265   19.643555    0.287209
-0.000122   -0.589331    26.347637

ELEM      417 ================== LENGTH
=     4.973000

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.220162   -3.739873   -0.000477
-3.16E-07    0.057357    15.152775
0.25000   -0.220162   -1.870025   -0.000477
-3.16E-07    0.057950    18.640028
0.50000   -0.220162   -0.000177   -0.000477
-3.16E-07    0.058543    19.802592
0.75000   -0.220162    1.869671   -0.000477
-3.16E-07    0.059136    18.640468
1.00000   -0.220162    3.739519   -0.000477
-3.16E-07    0.059729    15.153656

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.628534  -21.858720   -0.008005
-6.72E-07    0.121548    26.289459
0.25000   -0.628534   -10.929309   -0.008005
-6.72E-07    0.131500    46.671318
0.50000   -0.628534    0.000101   -0.008005
-6.72E-07    0.141453    53.465187
0.75000   -0.628534    10.929512   -0.008005
-6.72E-07    0.151406    46.671066
1.00000   -0.628534   21.858923   -0.008005
-6.72E-07    0.161358    26.288955

ELEM      418 ================== LENGTH
=     4.973063

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.218944   -2.869055   -0.123861
 1.64E-05   -0.255898    15.179023
0.25000   -0.218944   -0.999183   -0.123861
 1.64E-05   -0.101906    17.583647
0.50000   -0.218944    0.870688   -0.123861
 1.64E-05    0.052087    17.663524
0.75000   -0.218944    2.740560   -0.123861
 1.64E-05    0.206079    15.418653
1.00000   -0.218944    4.610431   -0.123861
 1.64E-05    0.360072    10.849036
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         184

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.618995  -19.643383   -0.303837
 0.000120   -0.633441    26.303003
0.25000   -0.618995   -8.713835   -0.303837
 0.000120   -0.252690    43.979782
0.50000   -0.618995    2.215714   -0.303837
 0.000120    0.125061    48.019227
0.75000   -0.618995   13.145263   -0.303837
 0.000120    0.502811    38.470339
1.00000   -0.618995   24.074812   -0.303837
 0.000120    0.880562    15.333117

ELEM      419 ================== LENGTH
=     4.972251

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.209213   -1.838992   -0.213500
 1.18E-05   -0.501783    10.906827
0.25000   -0.209213    0.030575   -0.213500
 1.18E-05    0.228389    12.030815
0.50000   -0.209213    1.900141   -0.213500
 1.18E-05    0.029006    10.830814
0.75000   -0.209213    3.769708   -0.213500
 1.18E-05    0.294400    7.306825
1.00000   -0.209213    5.639274   -0.213500
 1.18E-05    0.559794    1.458847

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.582186  -17.177254   -0.515922
 0.000184   -0.214933    15.473444
0.25000   -0.582186   -6.249489   -0.515922
 0.000184   -0.573610    30.033901
0.50000   -0.582186    4.678277   -0.515922
 0.000184    0.067713    31.010459
0.75000   -0.582186   15.606042   -0.515922
 0.000184    0.709036    18.403117
1.00000   -0.582186   26.533808   -0.515922
 0.000184    1.350360   -7.788124

ELEM      420 ================== LENGTH
=     4.972566

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.188949   -1.752661   -0.241531
-3.06E-05   -0.602149    1.528910
0.25000   -0.188949    0.117024   -0.241531
-3.06E-05   -0.301892    2.545574
0.50000   -0.188949    1.986709   -0.241531
-3.06E-05   -0.001635    1.237956
0.75000   -0.188949    3.856393   -0.241531
-3.06E-05    0.298622   -2.393945
1.00000   -0.188949    5.726078   -0.241531
-3.06E-05    0.598879   -8.350129

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.533293  -16.969601   -0.577307
 0.000127   -1.442478    -7.619682
0.25000   -0.533293   -6.041145   -0.577307
 0.000127   -0.724803    6.683123
0.50000   -0.533293    4.887312   -0.577307
 0.000127   -0.007128    7.400312
0.75000   -0.533293   15.815768   -0.577307
 0.000127    0.710547   -5.468116
1.00000   -0.533293   26.744224   -0.577307
 0.000127    1.428222   -31.922160
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         185

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      421 ================== LENGTH
=     4.972986

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.140136   -1.771150   -0.190450
-8.47E-05   -0.513251    -8.283065
0.25000   -0.140136    0.098693   -0.190450
-8.47E-05   -0.276474    -7.243427
0.50000   -0.140136    1.968535   -0.190450
-8.47E-05   -0.039698    -8.528463
0.75000   -0.140136    3.838378   -0.190450
-8.47E-05    0.197079   -12.138175
1.00000   -0.140136    5.708220   -0.190450
-8.47E-05    0.433855   -18.072561

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.481495  -17.902572   -0.452577
-2.17E-05   -1.219912   -31.762610
0.25000   -0.481495   -6.973193   -0.452577
-2.17E-05   -0.657247   -16.239258
0.50000   -0.481495    3.956186   -0.452577
-2.17E-05   -0.094582   -14.423816
0.75000   -0.481495   14.885565   -0.452577
-2.17E-05    0.468083   -26.136286
1.00000   -0.481495   25.814944   -0.452577
-2.17E-05    1.030748   -51.436666

ELEM      422 ================== LENGTH
=     3.481014

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.074197   -1.008549   -0.185244
-5.43E-05   -0.385571   -18.022972
0.25000   -0.074197    0.300312   -0.185244
-5.43E-05   -0.224361   -17.714799
0.50000   -0.074197    1.609173   -0.185244
-5.43E-05   -0.063152   -18.545668
0.75000   -0.074197    2.918034   -0.185244
-5.43E-05    0.098058   -20.515577
1.00000   -0.074197    4.226896   -0.185244
-5.43E-05    0.259267   -23.624527

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.454106  -13.465606   -0.443876
-4.64E-05   -0.920703   -51.318096
0.25000   -0.454106   -5.815208   -0.443876
-4.64E-05   -0.534418   -42.902499
0.50000   -0.454106    1.835190   -0.443876
-4.64E-05   -0.148133   -41.196687
0.75000   -0.454106    9.485588   -0.443876
-4.64E-05    0.238151   -46.122659
1.00000   -0.454106   17.135985   -0.443876
-4.64E-05    0.624436   -57.706417

ELEM      423 ================== LENGTH
=     3.481352

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.085703   -4.057794    0.021140
 8.62E-05   -0.023497   -23.607529
0.25000   -0.085703   -2.748805    0.021140
 8.62E-05   -0.041896   -20.645509
0.50000   -0.085703   -1.439817    0.021140
 8.62E-05   -0.060294   -18.822750
0.75000   -0.085703   -0.130829    0.021140
 8.62E-05   -0.078693   -18.139254
1.00000   -0.085703    1.178159    0.021140
 8.62E-05   -0.097092   -18.595019
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         186

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.472393  -16.723852    0.041300
 0.000125   -0.069076   -57.664727
0.25000   -0.472393   -9.072212    0.041300
 0.000125   -0.105021   -46.438863
0.50000   -0.472393   -1.421571    0.041300
 0.000125   -0.140966   -41.872077
0.75000   -0.472393    6.229569    0.041300
 0.000125   -0.176911   -43.964368
1.00000   -0.472393   13.880710    0.041300
 0.000125   -0.212856   -52.715737

ELEM      424 ================== LENGTH
=     4.972543

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.169400   -5.486969    0.106371
 0.000111    0.224346   -18.611810
0.25000   -0.169400   -3.617293    0.106371
 0.000111    0.092113   -12.952894
0.50000   -0.169400   -1.747616    0.106371
 0.000111   -0.040121    -9.618239
0.75000   -0.169400    0.122060    0.106371
 0.000111   -0.172354    -8.607845
1.00000   -0.169400    1.991736    0.106371
 0.000111   -0.304587    -9.921712

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.523197  -25.270591    0.245944
 8.80E-05    0.516047   -52.754429
0.25000   -0.523197   -14.342185    0.245944
 8.80E-05    0.210306   -28.132401
0.50000   -0.523197    -3.413779    0.245944
 8.80E-05   -0.095436   -17.095864
0.75000   -0.523197    7.514626    0.245944
 8.80E-05   -0.401177   -19.644819
1.00000   -0.523197   18.443032    0.245944
 8.80E-05   -0.706918   -35.779264

ELEM      425 ================== LENGTH
=     4.972406

LOAD   STEEL ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.226202   -5.479040    0.161048
 5.42E-05    0.392623    -9.959615
0.25000   -0.226202   -3.609416    0.161048
 5.42E-05    0.192424    -4.310678
0.50000   -0.226202   -1.739791    0.161048
 5.42E-05   -0.007775    -0.985875
0.75000   -0.226202    0.129833    0.161048
 5.42E-05   -0.207974    0.014796
1.00000   -0.226202    1.999458    0.161048
 5.42E-05   -0.408174    -1.308666

LOAD   CONC ------------------

REL DIST          P          V2          V3
        T          M2          M3
0.00000   -0.580415   -26.135913    0.379024
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-6.54E-05    0.920325   -35.867475
 0.25000    -0.580415   -15.207809     0.379024
-6.54E-05    0.449159   -10.170256
 0.50000    -0.580415   -4.279704     0.379024
-6.54E-05   -0.022007    1.942221
 0.75000    -0.580415    6.648400     0.379024
-6.54E-05   -0.493173    0.469956
 1.00000    -0.580415   17.576504     0.379024
-6.54E-05   -0.964339   -14.587050
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                187

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      426 ================== LENGTH
=     4.973393

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.253166   -5.215931     0.145983
 8.92E-06    0.381413   -1.361532
 0.25000    -0.253166   -3.345935     0.145983
 8.92E-06    0.199904    3.961159
 0.50000    -0.253166   -1.475939     0.145983
 8.92E-06    0.018396    6.958794
 0.75000    -0.253166    0.394057     0.145983
 8.92E-06   -0.163112    7.631372
 1.00000    -0.253166    2.264053     0.145983
 8.92E-06   -0.344621    5.978894

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.634399   -25.497028     0.348938
-0.000129    0.909596   -14.712513
 0.25000    -0.634399   -14.566753     0.348938
-0.000129    0.475744    10.194105
 0.50000    -0.634399   -3.636478     0.348938
-0.000129    0.041893    21.510584
 0.75000    -0.634399    7.293798     0.348938
-0.000129   -0.391958    19.236922
 1.00000    -0.634399   18.224073     0.348938
-0.000129   -0.825809    3.373121

 ELEM      427 ================== LENGTH
=     4.972462

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.267146   -4.323705     0.078212
-1.52E-06    0.230757    5.950188
 0.25000    -0.267146   -2.454059     0.078212
-1.52E-06    0.133530    10.162960
 0.50000    -0.267146   -0.584413     0.078212
-1.52E-06    0.036304    12.051546
 0.75000    -0.267146    1.285333     0.078212
-1.52E-06   -0.060922    11.615946
 1.00000    -0.267146    3.154878     0.078212
-1.52E-06   -0.158149    8.856161

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.673056   -23.369785     0.189939
-7.99E-05    0.558777    3.303999
 0.25000    -0.673056   -12.441557     0.189939
-7.99E-05    0.322661    25.562816
 0.50000    -0.673056   -1.513328     0.189939
-7.99E-05    0.086545    34.236583
 0.75000    -0.673056    9.414900     0.189939
-7.99E-05   -0.149571    29.325300
 1.00000    -0.673056   20.343128     0.189939
-7.99E-05   -0.385687    10.828967

 ELEM      428 ================== LENGTH
=     4.972749

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.271223   -3.471256    -0.015045
 7.68E-06    0.001538    8.846205
 0.25000    -0.271223   -1.601502    -0.015045
 7.68E-06    0.020242    11.999399
 0.50000    -0.271223    0.268252    -0.015045
 7.68E-06    0.038945    12.828139
 0.75000    -0.271223    2.138005    -0.015045
 7.68E-06    0.057649    11.332425
 1.00000    -0.271223    4.007759    -0.015045
 7.68E-06    0.076353    7.512256
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                188

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.682826   -21.198285    -0.032522
 2.30E-05    0.012706    10.804148
 0.25000    -0.682826   -10.269425    -0.032522
 2.30E-05    0.053137    30.364279
 0.50000    -0.682826    0.659435    -0.032522
 2.30E-05    0.093567    36.337788
 0.75000    -0.682826   11.588295    -0.032522
 2.30E-05    0.133998    28.724677
 1.00000    -0.682826   22.517155    -0.032522
 2.30E-05    0.174429    7.524945

 ELEM      429 ================== LENGTH
=     4.973059

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.266691   -2.604995    -0.100278
 1.40E-05   -0.221132    7.530193
 0.25000    -0.266691   -0.735125    -0.100278
 1.40E-05   -0.096460    9.606520
 0.50000    -0.266691    1.134745    -0.100278
 1.40E-05    0.028213    9.358103
 0.75000    -0.266691    3.004615    -0.100278
 1.40E-05    0.152885    6.784943
 1.00000    -0.266691    4.874485    -0.100278
 1.40E-05    0.277558    1.887040

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.663495   -18.994496    -0.235273
 0.000119   -0.518352    7.566732
 0.25000    -0.663495   -8.064955     -0.235273
 0.000119   -0.225846    24.387762
 0.50000    -0.663495    2.864585     -0.235273
 0.000119    0.066660    27.620481
 0.75000    -0.663495   13.794125     -0.235273
 0.000119    0.359166    17.264889
 1.00000    -0.663495   24.723665     -0.235273
 0.000119    0.651672   -6.679015

 ELEM      430 ================== LENGTH
=     4.972548

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.254390   -1.996194    -0.146625
-2.80E-06   -0.360129    1.931413
 0.25000    -0.254390   -0.126516    -0.146625
-2.80E-06   -0.177853    3.250824
 0.50000    -0.254390    1.743162    -0.146625
-2.80E-06    0.004422    2.245968
 0.75000    -0.254390    3.612840    -0.146625
-2.80E-06    0.186698   -1.083154
 1.00000    -0.254390    5.482518    -0.146625
-2.80E-06    0.368973   -6.736541

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.620282   -17.563574    -0.341630
 0.000152   -0.841848   -6.574836
 0.25000    -0.620282   -6.635156     -0.341630
 0.000152   -0.417155    8.466332
 0.50000    -0.620282    4.293261     -0.341630
 0.000152    0.007538    9.921981
 0.75000    -0.620282   15.221678     -0.341630
 0.000152    0.432231   -2.207890
 1.00000    -0.620282   26.150095     -0.341630
 0.000152    0.856924   -27.923281
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                189

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      431 ================== LENGTH
=     4.972164

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.233397   -1.726016    -0.130604
-5.71E-05   -0.350479    -6.688210
 0.25000    -0.233397    0.143517    -0.130604
-5.71E-05   -0.188133    -5.704654
 0.50000    -0.233397    2.013051    -0.130604
-5.71E-05   -0.025787    -7.045006
 0.75000    -0.233397    3.882584    -0.130604
-5.71E-05    0.136559    -10.709263
 1.00000    -0.233397    5.752118    -0.130604
-5.71E-05    0.298906    -16.697428

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.571306   -16.901574    -0.295363
 6.31E-05   -0.800594   -27.811699
 0.25000    -0.571306   -5.974001     -0.295363
 6.31E-05   -0.433446   -13.594062
 0.50000    -0.571306    4.953571     -0.295363
 6.31E-05   -0.066298   -12.959843
 0.75000    -0.571306   15.881143     -0.295363
 6.31E-05    0.300850   -25.909044
 1.00000    -0.571306   26.808716     -0.295363
 6.31E-05    0.667999   -52.441664

 ELEM      432 ================== LENGTH
=     4.972903

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.183392   -1.867152    -0.041214
-0.000123   -0.161054    -16.673845
 0.25000    -0.183392    0.002659    -0.041214
-0.000123   -0.109816    -15.514852
 0.50000    -0.183392    1.872471    -0.041214
-0.000123   -0.058578    -16.680457
 0.75000    -0.183392    3.742282    -0.041214
-0.000123   -0.007339    -20.170659
 1.00000    -0.183392    5.612094    -0.041214
-0.000123    0.043899    -25.985460

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.522763   -18.132508    -0.077289
-0.000121   -0.332795   -52.391086
 0.25000    -0.522763   -7.203310     -0.077289
-0.000121   -0.236707   -36.642015
 0.50000    -0.522763    3.725887     -0.077289
-0.000121   -0.140620   -34.480405
 0.75000    -0.522763   14.655085     -0.077289
-0.000121   -0.044532   -45.906254
 1.00000    -0.522763   25.584282     -0.077289
-0.000121    0.051555   -70.919562

 ELEM      433 ================== LENGTH
=     3.481101

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.110433   -1.151419    0.166982
-0.000105   0.214432    -25.998272
 0.25000    -0.110433   0.157475     0.166982
-0.000105   0.069112    -25.565769
 0.50000    -0.110433   1.466369     0.166982
-0.000105   -0.076208   -26.272365
 0.75000    -0.110433   2.775263     0.166982
-0.000105   -0.221528   -28.118058
 1.00000    -0.110433   4.084157     0.166982
-0.000105   -0.366848   -31.102850
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                190

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.490696   -13.817975    0.437395
-0.000188   0.581451    -70.956436
 0.25000    -0.490696   -6.167385     0.437395
-0.000188   0.200797    -62.260053
 0.50000    -0.490696   1.483206      0.437395
-0.000188   -0.179858   -60.221791
 0.75000    -0.490696   9.133796      0.437395
-0.000188   -0.560512   -64.841648
 1.00000    -0.490696   16.784386     0.437395
-0.000188   -0.941167   -76.119625

 ELEM      434 ================== LENGTH
=     3.481038

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.116457   -4.529271    0.429971
 2.86E-05    0.670188   -31.167263
 0.25000    -0.116457   -3.220400    0.429971
 2.86E-05    0.286002   -27.795150
 0.50000    -0.116457   -1.911530    0.429971
 2.86E-05   -0.088184   -25.562095
 0.75000    -0.116457   -0.602659    0.429971
 2.86E-05   -0.462370   -24.468096
 1.00000    -0.116457   0.706211     0.429971
 2.86E-05   -0.836556   -24.513154

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.502821   -17.861494    1.061828
-4.84E-05   1.638145    -76.279574
 0.25000    -0.502821   -10.211042    1.061828
-4.84E-05   0.714079    -64.064377
 0.50000    -0.502821   -2.560590     1.061828
-4.84E-05   -0.209987   -58.507059
 0.75000    -0.502821   5.089863      1.061828
-4.84E-05   -1.134052   -59.607621
 1.00000    -0.502821   12.740315     1.061828
-4.84E-05   -2.058118   -67.366063

 ELEM      435 ================== LENGTH
=     4.972600

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.200145   -6.184256    0.350495
 5.22E-05    0.810588   -24.612785
 0.25000    -0.200145   -4.314558    0.350495
 5.22E-05    0.374869   -18.086985
 0.50000    -0.200145   -2.444861    0.350495
 5.22E-05   -0.060849   -13.885500
 0.75000    -0.200145   -0.575163    0.350495
 5.22E-05   -0.496568   -12.008329
 1.00000    -0.200145   1.294534     0.350495
 5.22E-05   -0.932286   -12.455472

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.549234   -26.965057    0.854665
-9.82E-05    1.977962    -67.610578
 0.25000    -0.549234   -16.036526    0.854665
-9.82E-05    0.915485    -40.881870
 0.50000    -0.549234   -5.107995     0.854665
-9.82E-05   -0.146992    -27.738966
 0.75000    -0.549234   5.820537      0.854665
-9.82E-05   -1.209468    -28.181864
 1.00000    -0.549234   16.749068     0.854665
-9.82E-05   -2.271945    -42.210565
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                191

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      436 ================== LENGTH
=     4.972683

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.260999   -6.421071    0.431246
-1.11E-05    1.062707    -12.579945
 0.25000    -0.260999   -4.551343    0.431246
-1.11E-05    0.526595    -5.759653
 0.50000    -0.260999   -2.681614    0.431246
-1.11E-05   -0.009518    -1.263753
 0.75000    -0.260999   -0.811885    0.431246
-1.11E-05   -0.545630    0.907754
 1.00000    -0.260999   1.057843     0.431246
-1.11E-05   -1.081743    0.754870

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.608949   -28.423432    1.053194
-0.000278   2.591599    -42.513454
 0.25000    -0.608949   -17.497418    1.053194
-0.000278   1.282299    -13.968048
 0.50000    -0.608949   -6.568705     1.053194
-0.000278   -0.027001    0.991101
 0.75000    -0.608949   4.360008      1.053194
-0.000278   -1.336301    2.963994
 1.00000    -0.608949   15.288722     1.053194
-0.000278   -2.645601    -9.849368

 ELEM      437 ================== LENGTH
=     4.972882

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.288028   -6.431561    0.407839
-5.74E-05    1.045878    0.621644
 0.25000    -0.288028   -4.561758    0.407839
-5.74E-05    0.558944    7.455204
 0.50000    -0.288028   -2.691954    0.407839
-5.74E-05    0.031811    11.964185
 0.75000    -0.288028   -0.822150    0.407839
-5.74E-05   -0.475223    14.148589
 1.00000    -0.288028   1.047653     0.407839
-5.74E-05   -0.982257    14.008414

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.653392   -28.455605    1.004676
-0.000350   0.571173    -10.177532
 0.25000    -0.653392   -17.526454    1.004676
-0.000350   1.322680    18.407288
 0.50000    -0.653392   -6.597302     1.004676
-0.000350   0.073646    33.402863
 0.75000    -0.653392   4.331850      1.004676
-0.000350   -1.175387   34.811091
 1.00000    -0.653392   15.261002     1.004676
-0.000350   -2.424421   22.631973

 ELEM      438 ================== LENGTH
=     4.973396

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.278708   -5.499695    0.299297
-5.80E-05    0.811571    13.893531
 0.25000    -0.278708   -3.629698    0.299297
-5.80E-05    0.439440    19.569041
 0.50000    -0.278708   -1.759701    0.299297
-5.80E-05    0.067309    22.919493
 0.75000    -0.278708   0.110295     0.299297
-5.80E-05   -0.304823    23.944887
 1.00000    -0.278708   1.980292     0.299297
-5.80E-05   -0.676954    22.645222
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                192

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.620896   -26.289400    0.748255
-0.000282   2.022161    22.347703
 0.25000    -0.620896   -15.359519    0.748255
-0.000282   1.091819    48.240021
 0.50000    -0.620896   -4.429239     0.748255
-0.000282   0.161477    60.542187
 0.75000    -0.620896   6.501042      0.748255
-0.000282   -0.768865   59.254200
 1.00000    -0.620896   17.431322     0.748255
-0.000282   -1.699207   44.376061

 ELEM      439 ================== LENGTH
=     4.972843

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.238917   -4.613229    0.130418
-3.05E-05    0.411394    22.586549
 0.25000    -0.238917   -2.743439    0.130418
-3.05E-05    0.249256    27.159493
 0.50000    -0.238917   -0.873650    0.130418
-3.05E-05    0.087118    29.407896
 0.75000    -0.238917   0.996139     0.130418
-3.05E-05   -0.075019    29.331757
 1.00000    -0.238917   2.865928     0.130418
-3.05E-05   -0.237157    26.931075

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.503952   -24.099011    0.341800
-0.000138   1.061475    44.226525
 0.25000    -0.503952   -13.169944    0.341800
-0.000138   0.636546    67.393110
 0.50000    -0.503952   -2.240878     0.341800
-0.000138   0.211617    76.972560
 0.75000    -0.503952   8.688189      0.341800
-0.000138   -0.213313   72.964877
 1.00000    -0.503952   19.617256     0.341800
-0.000138   -0.638242   55.370058

 ELEM      440 ================== LENGTH
=     4.972517

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.151510   -3.810827    -0.067204
 1.08E-05   -0.072761    26.928373
 0.25000    -0.151510   -1.941160    -0.067204
 1.08E-05    0.010783    30.503605
 0.50000    -0.151510   -0.071493    -0.067204
 1.08E-05    0.094326    31.754599
 0.75000    -0.151510   1.798173     -0.067204
 1.08E-05    0.177869    30.681356
 1.00000    -0.151510   3.667840     -0.067204
 1.08E-05    0.261413    27.283875

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.253897   -22.122346    -0.138484
 4.73E-05   -0.113503    55.356104
 0.25000    -0.253897   -11.193995    -0.138484
 4.73E-05    0.058651    76.064365
 0.50000    -0.253897   -0.265645    -0.138484
 4.73E-05    0.230805    83.187273
 0.75000    -0.253897   10.662705    -0.138484
 4.73E-05    0.402959    76.724828
 1.00000    -0.253897   21.591055    -0.138484
 4.73E-05    0.575113    56.677030
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                193

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      441 ================== LENGTH
=     4.972319

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -0.001755   -3.041767    -0.265969
 5.35E-05   -0.572392    27.340464
 0.25000    -0.001755   -1.172176    -0.265969
 5.35E-05   -0.241771    29.959597
 0.50000    -0.001755   0.697416     -0.265969
 5.35E-05    0.088850    30.254679
 0.75000    -0.001755   2.567008     -0.265969
 5.35E-05    0.419471    28.225709
 1.00000    -0.001755   4.436600     -0.265969
 5.35E-05    0.750092    23.872687

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.171414   -20.283398    -0.625621
 0.000243   -1.336182    56.807788
 0.25000    0.171414   -9.355484     -0.625621
 0.000243   -0.558485    75.229535
 0.50000    0.171414   1.572430      -0.625621
 0.000243    0.219211    80.067013
 0.75000    0.171414   12.500344     -0.625621
 0.000243    0.996908    71.320223
 1.00000    0.171414   23.428258     -0.625621
 0.000243    1.774604    48.989164

 ELEM      442 ================== LENGTH
=     4.973122

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.217287   -2.798131    -0.449823
 6.99E-05   -1.038260    23.973473
 0.25000    0.217287   -0.928237    -0.449823
 6.99E-05   -0.479004    26.289933
 0.50000    0.217287   0.941657     -0.449823
 6.99E-05    0.080252    26.261591
 0.75000    0.217287   2.811551     -0.449823
 6.99E-05    0.639508    23.948445
 1.00000    0.217287   4.681445     -0.449823
 6.99E-05    1.198764    19.290497

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.788617   -19.517122    -1.081037
 0.000385   -2.488274    49.229073
 0.25000    0.788617   -8.587443     -1.081037
 0.000385   -1.144243    66.700003
 0.50000    0.788617   2.342236      -1.081037
 0.000385    0.199789    70.582275
 0.75000    0.788617   13.271915     -1.081037
 0.000385    1.543821    60.875890
 1.00000    0.788617   24.201595     -1.081037
 0.000385    2.887852    37.580847

 ELEM      443 ================== LENGTH
=     4.972181

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.403778   -1.205366    -0.542963
 1.65E-05   -1.340595    19.443400
 0.25000    0.403778   0.664174     -0.542963
 1.65E-05   -0.665668    19.779763
 0.50000    0.403778   2.533714     -0.542963
 1.65E-05    0.009260    17.792203
 0.75000    0.403778   4.403254     -0.542963
 1.65E-05    0.684188    13.480721
 1.00000    0.403778   6.272794     -0.542963
 1.65E-05    1.359115    6.845316
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                                194

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 LOAD    CONC ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    1.296009   -16.107633    -1.320085
 0.000400   -3.253701    37.950532
 0.25000    1.296009   -5.180023     -1.320085
 0.000400   -1.612776    51.181291
 0.50000    1.296009   5.747587      -1.320085
 0.000400    0.028149    50.828538
 0.75000    1.296009   16.675197     -1.320085
 0.000400    1.669074    36.892271
 1.00000    1.296009   27.602807     -1.320085
 0.000400    3.309999    9.372491

 ELEM      444 ================== LENGTH
=     2.760534

 LOAD    STEEL ------------------

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.268998   0.551481    -1.992453
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-6.55E-05   -2.644837    7.081182
 0.25000     0.268998    1.589441    -1.992453
-6.55E-05   -1.269779    6.342421
 0.50000     0.268998    2.627402    -1.992453
-6.55E-05   -0.105280    4.887328
 0.75000     0.268998    3.665363    -1.992453
-6.55E-05    1.480339    2.715904
 1.00000     0.268998    4.703324    -1.992453
-6.55E-05    2.855398   -0.171851

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.845509   -8.377451   -4.871002
 0.000397   -6.466451   9.949670
 0.25000    0.845509   -2.310487   -4.871002
 0.000397   -3.104810   13.637723
 0.50000    0.845509    3.756476   -4.871002
 0.000397    0.256832   13.138760
 0.75000    0.845509    9.823440   -4.871002
 0.000397    3.618474   8.452782
 1.00000    0.845509   15.890403   -4.871002
 0.000397    6.980115  -0.420210

ELEM       445 ================== LENGTH
=     2.743418

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.020304   -4.772349    2.032347
-0.000601   2.894168   -0.176086
 0.25000    0.020304   -3.740824    2.032347
-0.000601   1.500273    2.743313
 0.50000    0.020304   -2.709299    2.032347
-0.000601   0.106379    4.955236
 0.75000    0.020304   -1.677774    2.032347
-0.000601   -1.287516   6.459683
 1.00000    0.020304   -0.646249    2.032347
-0.000601   -2.681410   7.256654

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.033288  -15.794983    4.977039
-0.001850   7.086187   -0.432884
 0.25000    0.033288   -9.897321    4.977039
-0.001850   3.672663    8.377707
 0.50000    0.033288   -3.999658    4.977039
-0.001850   0.259139    13.143359
 0.75000    0.033288    1.898004    4.977039
-0.001850  -3.154386    13.864074
 1.00000    0.033288    7.795666    4.977039
-0.001850  -6.567910    10.539850
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              195

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       446 ================== LENGTH
=     4.943032

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.081019   -6.194442    0.568384
-0.000335   1.409572    7.010584
 0.25000    0.081019   -4.335862    0.568384
-0.000335   0.707187    13.517038
 0.50000    0.081019   -2.477282    0.568384
-0.000335   0.004803    17.726737
 0.75000    0.081019   -0.618702    0.568384
-0.000335  -0.697582    19.639681
 1.00000    0.081019    1.239878    0.568384
-0.000335  -1.399967    19.255869

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.183441  -26.797593    1.393506
-0.001088   3.458026    9.935883
 0.25000    0.183441  -16.171309    1.393506
-0.001088   1.735989    36.485467
 0.50000    0.183441   -5.545025    1.393506
-0.001088   0.013953    49.903535
 0.75000    0.183441    5.081258    1.393506
-0.001088  -1.708084    50.190087
 1.00000    0.183441   15.707542    1.393506
-0.001088  -3.430120    37.345123

ELEM       447 ================== LENGTH
=     4.943852

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.198003   -4.679601    0.488509
-0.000159   1.286830    19.089748
 0.25000    0.198003   -2.820712    0.488509
-0.000159   0.683051    23.724803
 0.50000    0.198003   -0.961824    0.488509
-0.000159   0.079272    26.062340
 0.75000    0.198003    0.897065    0.488509
-0.000159  -0.524507    26.102360
 1.00000    0.198003    2.755953    0.488509
-0.000159  -1.128286    23.844862

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.500919  -23.656514    1.195162
-0.000578   3.150088    36.935490
 0.25000    0.500919  -13.028467    1.195162
-0.000578   1.672912    59.606131
 0.50000    0.500919    7.400420    1.195162
-0.000578   0.195736    69.140899
 0.75000    0.500919    8.227627    1.195162
-0.000578  -1.281440    65.539792
 1.00000    0.500919   18.855674    1.195162
-0.000578  -2.758616    48.802812

ELEM       448 ================== LENGTH
=     4.943166

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.264461   -4.414170    0.304412
-7.52E-05   0.841855    23.731821
 0.25000    0.264461   -2.555539    0.304412
-7.52E-05   0.465665    28.038375
 0.50000    0.264461   -0.696909    0.304412
-7.52E-05   0.089476    30.048049
 0.75000    0.264461    1.161721    0.304412
-7.52E-05   -0.286714   29.760844
 1.00000    0.264461    3.020352    0.304412
-7.52E-05   -0.662903   27.176758
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              196

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.677445  -22.825344    0.740512
-0.000291   2.050201    48.528863
 0.25000    0.677445  -12.198773    0.740512
-0.000291   1.135083    70.170116
 0.50000    0.677445   -1.572202    0.740512
-0.000291   0.219965    78.679142
 0.75000    0.677445    9.054370    0.740512
-0.000291   -0.695153   74.055942
 1.00000    0.677445   19.680941    0.740512
-0.000291   -1.610270   56.300516

ELEM       449 ================== LENGTH
=     4.942369

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.302105   -3.646637    0.100069
-1.15E-05   0.342483    27.123539
 0.25000    0.302105   -1.788306    0.100069
-1.15E-05   0.218839    30.481225
 0.50000    0.302105    0.070025    0.100069
-1.15E-05   0.095194    31.542772
 0.75000    0.302105    1.926356    0.100069
-1.15E-05   -0.028450   30.308180
 1.00000    0.302105    3.786687    0.100069
-1.15E-05   -0.152095   26.777449

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.772179  -20.993760    0.238269
-4.97E-05   0.821135    56.174131
 0.25000    0.772179  -10.368902    0.238269
-4.97E-05   0.526732    75.549863
 0.50000    0.772179    0.255956    0.238269
-4.97E-05   0.232329    81.376602
 0.75000    0.772179   10.880814    0.238269
-4.97E-05   -0.062075   74.917348
 1.00000    0.772179   21.505672    0.238269
-4.97E-05   -0.356478   54.909101

ELEM       450 ================== LENGTH
=     4.943689

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.320831   -2.844794   -0.104006
 4.41E-05   -0.169113   26.777169
 0.25000    0.320831   -0.985967   -0.104006
 4.41E-05   -0.040570   29.146430
 0.50000    0.320831    0.872860   -0.104006
 4.41E-05    0.087974   29.216325
 0.75000    0.320831    2.731687   -0.104006
 4.41E-05    0.216518   26.988855
 1.00000    0.320831    4.590714   -0.104006
 4.41E-05    0.345061   22.464020

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.820632  -19.027940   -0.259579
 0.000166   -0.428499   54.915315
 0.25000    0.820632   -8.400246   -0.259579
 0.000166   -0.107679   71.864866
 0.50000    0.820632    2.227449   -0.259579
 0.000166    0.213141   75.679414
 0.75000    0.820632   12.855144   -0.259579
 0.000166    0.533961   66.358958
 1.00000    0.820632   23.482839   -0.259579
 0.000166    0.854781   43.903499
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              197

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       451 ================== LENGTH
=     4.942152

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.326319   -1.957103   -0.279174
 9.36E-05   -0.621590   22.529298
 0.25000    0.326319   -0.099454   -0.279174
 9.36E-05   -0.276660   23.800145
 0.50000    0.326319    1.758796   -0.279174
 9.36E-05    0.068270   22.775055
 0.75000    0.326319    3.617045   -0.279174
 9.36E-05    0.413200   19.454028
 1.00000    0.326319    5.475294   -0.279174
 9.36E-05    0.758130   13.837062

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.838238  -16.846830   -0.682598
 0.000357   -1.523516   44.066307
 0.25000    0.838238   -6.222439   -0.682598
 0.000357   -0.680141   58.317787
 0.50000    0.838238    4.401953   -0.682598
 0.000357    0.163234   59.442426
 0.75000    0.838238   15.026345   -0.682598
 0.000357    1.006609   47.440226
 1.00000    0.838238   25.650736   -0.682598
 0.000357    1.849985   22.311186

ELEM       452 ================== LENGTH
=     4.943822

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.325651   -1.028612   -0.393058
 0.000145   -0.539664   13.983739
 0.25000    0.325651    0.832265   -0.393058
 0.000145   -0.452861   14.052841
 0.50000    0.325651    2.691142   -0.393058
 0.000145    0.032941   11.875454
 0.75000    0.325651    4.550020   -0.393058
 0.000145    0.518744    7.400576
 1.00000    0.325651    6.408897   -0.393058
 0.000145    1.004546    0.628209

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.836063  -14.719583   -0.951657
 0.000538   -2.276625   22.540991
 0.25000    0.836063   -4.091600   -0.951657
 0.000538   -1.100419   34.165884
 0.50000    0.836063    6.536382   -0.951657
 0.000538    0.075786   32.655064
 0.75000    0.836063   17.164394   -0.951657
 0.000538    1.251992   18.008529
 1.00000    0.836063   27.792346   -0.951657
 0.000538    2.428197   -9.773720

ELEM       453 ================== LENGTH
=     4.942624

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.328462   -1.041696   -0.423224
 0.000196   -1.053572    0.756997
 0.25000    0.328462    0.816731   -0.423224
 0.000196   -0.530613    0.895986
 0.50000    0.328462    2.675157   -0.423224
 0.000196   -0.007654   -1.261400
 0.75000    0.328462    4.533584   -0.423224
 0.000196    0.515305   -5.715161
 1.00000    0.328462    6.392010   -0.423224
 0.000196    1.038264  -12.465299
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              198

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.831485  -14.778134   -1.013338
 0.000683   -2.527438   -9.460273
 0.25000    0.831485   -4.152729   -1.013338
 0.000683   -1.275301    2.235743
 0.50000    0.831485    6.472676   -1.013338
 0.000683   -0.023165    0.802415
 0.75000    0.831485   17.098082   -1.013338
 0.000683    1.228972  -13.760258
 1.00000    0.831485   27.723487   -1.013338
 0.000683    2.481109  -41.452277

ELEM       454 ================== LENGTH
=     4.943366

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.303788   -1.250810   -0.348510
 0.000214   -0.920573  -12.347280
 0.25000    0.303788    0.607896   -0.348510
 0.000214   -0.489870  -11.950010
 0.50000    0.303788    2.466602   -0.348510
 0.000214   -0.059167  -13.849806
 0.75000    0.303788    4.325307   -0.348510
 0.000214    0.371536  -18.046668
 1.00000    0.303788    6.184013   -0.348510
 0.000214    0.802238  -24.540596

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.766700  -16.230704   -0.826469
 0.000681   -2.184202  -41.170977
 0.25000    0.766700   -5.605801   -0.826469
 0.000681   -1.162818  -27.676449
 0.50000    0.766700    5.021201   -0.826469
 0.000681   -0.141433  -27.315212
 0.75000    0.766700   15.648203   -0.826469
 0.000681    0.879951  -40.087266
 1.00000    0.766700   26.275205   -0.826469
 0.000681    1.901336  -65.992612

ELEM       455 ================== LENGTH
=     3.460026

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.240090   -0.824693   -0.425584
 0.000125   -0.824667  -24.442784
 0.25000    0.240090    0.476277   -0.425584
 0.000125   -0.495535  -24.292093
 0.50000    0.240090    1.777247   -0.425584
 0.000125   -0.088402  -25.266749
 0.75000    0.240090    3.078216   -0.425584
 0.000125    0.279731  -27.366752
 1.00000    0.240090    4.379186   -0.425584
 0.000125    0.647864  -30.592102

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.645187  -12.520400   -1.013218
 0.000391   -1.958244  -65.760068
 0.25000    0.645187   -5.082209   -1.013218
 0.000391   -1.081804  -58.146883
 0.50000    0.645187    2.355980   -1.013218
 0.000391   -0.205364  -56.967779
 0.75000    0.645187    9.794170   -1.013218
 0.000391    0.671076  -62.222758
 1.00000    0.645187   17.232060   -1.013218
 0.000391    1.547517  -73.911818
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              199

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       456 ================== LENGTH
=     3.460010

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.221161   -3.932047   -0.146072
-4.21E-05   -0.329789  -30.533483
 0.25000    0.221161   -2.631083   -0.146072
-4.21E-05   -0.203436  -27.694921
 0.50000    0.221161   -1.330119   -0.146072
-4.21E-05   -0.077084  -25.981696
 0.75000    0.221161   -0.029156   -0.146072
-4.21E-05    0.049268  -25.393808
 1.00000    0.221161    1.271808   -0.146072
-4.21E-05    0.175621  -25.931257

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.605581  -16.153731   -0.373752
-0.000141   -0.824340  -73.769607
 0.25000    0.605581   -8.715574   -0.373752
-0.000141   -0.501044  -63.013601
 0.50000    0.605581   -1.277418   -0.373752
-0.000141   -0.177747  -58.691620
 0.75000    0.605581    6.160738   -0.373752
-0.000141    0.145549  -60.803662
 1.00000    0.605581   13.598895   -0.373752
-0.000141    0.468846  -69.349728

ELEM       457 ================== LENGTH
=     4.942837

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.250492   -5.611498    0.053048
-0.000138   0.073579   -25.925635
 0.25000    0.250492   -3.752992    0.053048
-0.000138   0.008027   -20.139741
 0.50000    0.250492   -1.894485    0.053048
-0.000138   -0.057526  -16.650422
 0.75000    0.250492   -0.035978    0.053048
-0.000138   -0.123078  -15.457676
 1.00000    0.250492    1.822528    0.053048
-0.000138   -0.188631  -16.561504

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.653427  -24.888972    0.109055
-0.000450   0.132321   -69.331596
 0.25000    0.653427  -14.263108    0.109055
-0.000450   -0.002439  -45.141303
 0.50000    0.653427   -3.637245    0.109055
-0.000450   -0.137199  -34.081487
 0.75000    0.653427    6.988619    0.109055
-0.000450   -0.271960  -36.152149
 1.00000    0.653427   17.614482    0.109055
-0.000450   -0.406720  -51.353288

ELEM       458 ================== LENGTH
=     4.943095

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.241530   -5.725189    0.137485
-0.000123   0.315625   -16.596584
 0.25000    0.241530   -3.866585    0.137485
-0.000123   0.145725   -10.669953
 0.50000    0.241530   -2.007982    0.137485
-0.000123   -0.024175   -7.040135
 0.75000    0.241530   -0.149378    0.137485
-0.000123   -0.194075   -5.707131
 1.00000    0.241530    1.709225    0.137485
-0.000123   -0.363975   -6.670940
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              200

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.643033  -26.115369    0.318527
-0.000455   0.724390   -51.437416
 0.25000    0.643033   -15.488951    0.318527
-0.000455   0.330762   -25.730655
 0.50000    0.643033    -4.862533    0.318527
-0.000455   -0.062866  -13.155741
 0.75000    0.643033    5.763885    0.318527
-0.000455   -0.456494  -13.712674
 1.00000    0.643033   16.390303    0.318527
-0.000455   -0.850122  -27.401455

ELEM       459 ================== LENGTH
=     4.943480

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.222542   -5.460747    0.148271
-7.78E-05   0.371809    -6.720712
 0.25000    0.222542   -3.601999    0.148271
-7.78E-05   0.188566    -1.120524
 0.50000    0.222542   -1.743251    0.148271
-7.78E-05   0.005322    2.182492
 0.75000    0.222542    0.115498    0.148271
-7.78E-05   -0.177922   3.188338
 1.00000    0.222542    1.974246    0.148271
-7.78E-05   -0.361166   1.897012

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.613385  -25.487723    0.354851
-0.000325   0.886340   -27.523126
 0.25000    0.613385   -14.860478    0.354851
-0.000325   0.447791    -2.590562
 0.50000    0.613385    -4.233232    0.354851
-0.000325   0.009242    9.208109
 0.75000    0.613385    6.394014    0.354851
-0.000325   -0.429308   7.872887
 1.00000    0.613385   17.021259    0.354851
-0.000325   -0.867857   -6.596229

ELEM       460 ================== LENGTH
=     4.943051

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.211584   -4.851623    0.098184
-3.94E-05   0.271494    1.858687
 0.25000    0.211584   -2.993036    0.098184
-3.94E-05   0.150162    6.705756
 0.50000    0.211584   -1.134449    0.098184
-3.94E-05   0.028829    9.256052
 0.75000    0.211584    0.724138    0.098184
-3.94E-05   -0.092503   9.509576
 1.00000    0.211584    2.582725    0.098184
-3.94E-05   -0.213835   7.466327

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.591962  -24.097163    0.239379
-0.000172   0.659326   -6.688881
 0.25000    0.591962   -13.470840    0.239379
-0.000172   0.363510   16.532687
 0.50000    0.591962   -2.844517    0.239379
-0.000172   0.067695    26.604642
 0.75000    0.591962    7.781806    0.239379
-0.000172   -0.228120   23.553984
 1.00000    0.591962   18.408129    0.239379
-0.000172   -0.523935    7.371713
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                         Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                              201

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       461 ================== LENGTH
=     4.942686

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.207253   -3.985410    0.009822
-7.55E-06   0.063642    7.449988
 0.25000    0.207253   -2.126960    0.009822
-7.55E-06   0.051594    11.229429
 0.50000    0.207253   -0.268510    0.009822
-7.55E-06   0.039367    12.706436
 0.75000    0.207253    1.589940    0.009822
-7.55E-06   0.027230    11.890010
 1.00000    0.207253    3.448390    0.009822
-7.55E-06   0.015093    8.777150

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.581425  -21.910238    0.027607
-2.27E-05   0.162356    7.331451
 0.25000    0.581425   -11.284699    0.027607
-2.27E-05   0.128243    27.840470
 0.50000    0.581425   -0.659160    0.027607
-2.27E-05   0.094130    35.219813
 0.75000    0.581425    9.966379    0.027607
-2.27E-05   0.060017    29.469480
 1.00000    0.581425   20.591919    0.027607
-2.27E-05   0.025904    10.589471

ELEM       462 ================== LENGTH
=     4.943447

LOAD     STEEL ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.202229   -3.132158   -0.086007
 2.60E-05   -0.175926    8.788954
 0.25000    0.202229   -1.273422   -0.086007
 2.60E-05   -0.069634    11.511297
 0.50000    0.202229    0.585314   -0.086007
 2.60E-05    0.036659    11.936500
 0.75000    0.202229    2.444051   -0.086007
 2.60E-05    0.142951    10.064562
 1.00000    0.202229    4.302787   -0.086007
 2.60E-05    0.249243    5.895483

LOAD     CONC ------------------

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.569581  -19.758929   -0.202487
 0.000131   -0.413588   10.616799
 0.25000    0.569581   -9.131754   -0.202487
 0.000131   -0.163342   28.469244
 0.50000    0.569581    1.495422   -0.202487
 0.000131    0.086904   33.187969
 0.75000    0.569581   12.122597   -0.202487
 0.000131    0.337150   24.772975
 1.00000    0.569581   22.749772   -0.202487
 0.000131    0.587396    3.224262

ELEM       463 ================== LENGTH
=     4.942379
```

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198774	-2.241277	-0.156066
6.98E-05	-0.366827	5.932461	
0.25000	0.198774	-0.382942	-0.156066
6.98E-05	-0.173992	7.553696	
0.50000	0.198774	1.475392	-0.156066
6.98E-05	0.018842	6.878783	
0.75000	0.198774	3.333727	-0.156066
6.98E-05	0.211676	3.907723	
1.00000	0.198774	5.192061	-0.156066
6.98E-05	0.404511	-1.359486	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 202

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.556941	-17.674110	-0.366944
0.000299	-0.864392	3.311353	
0.25000	0.556941	-7.049231	-0.366944
0.000299	-0.410998	18.585368	
0.50000	0.556941	3.575647	-0.366944
0.000299	0.042396	20.731339	
0.75000	0.556941	14.200526	-0.366944
0.000299	0.495790	9.749267	
1.00000	0.556941	24.825405	-0.366944
0.000299	0.949184	-14.360850	

ELEM 464 ========== LENGTH = 4.943351

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.196171	-1.984725	-0.172599
0.000123	-0.433857	-1.314186	
0.25000	0.196171	-0.126025	-0.172599
0.000123	-0.220553	-0.009913	
0.50000	0.196171	1.732675	-0.172599
0.000123	-0.007249	1.002693	
0.75000	0.196171	3.591375	-0.172599
0.000123	0.206055	-4.292524	
1.00000	0.196171	5.450075	-0.172599
0.000123	0.419359	-9.879407	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.536383	-17.066057	-0.397639
0.000452	-1.004214	-14.259362	
0.25000	0.536383	-6.439087	-0.397639
0.000452	-0.592796	0.264912	
0.50000	0.536383	4.187883	-0.397639
0.000452	-0.021379	1.655974	
0.75000	0.536383	14.814852	-0.397639
0.000452	0.470039	-10.086175	
1.00000	0.536383	25.441822	-0.397639
0.000452	0.961457	-34.961537	

ELEM 465 ========== LENGTH = 4.943558

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.188002	-1.954781	-0.117824
0.000154	-0.331285	-9.838960	
0.25000	0.188002	-0.096003	-0.117824
0.000154	-0.185668	-8.571688	
0.50000	0.188002	1.762774	-0.117824
0.000154	-0.040051	-9.601661	
0.75000	0.188002	3.621552	-0.117824
0.000154	0.105566	-12.928877	
1.00000	0.188002	5.480330	-0.117824
0.000154	0.251182	-18.553336	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.508687	-17.936601	-0.261162
0.000492	-0.739738	-34.875456	
0.25000	0.508687	-7.309188	-0.261162
0.000492	-0.416971	-19.274954	
0.50000	0.508687	3.318225	-0.261162
0.000492	-0.094204	-16.808759	
0.75000	0.508687	13.945638	-0.261162
0.000492	0.228562	-27.476872	
1.00000	0.508687	24.573051	-0.261162
0.000492	0.551329	-51.279291	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 203

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 466 ========== LENGTH = 3.459332

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.155960	-1.250367	-0.037833
7.44E-05	-0.126301	-18.526800	
0.25000	0.155960	0.050342	-0.037833
7.44E-05	-0.093582	-18.007890	
0.50000	0.155960	1.351051	-0.037833
7.44E-05	-0.060862	-18.613875	
0.75000	0.155960	2.651760	-0.037833
7.44E-05	-0.028143	-20.344757	
1.00000	0.155960	3.952469	-0.037833
7.44E-05	0.004576	-23.200535	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.462538	-13.541278	-0.064375
0.000236	-0.249154	-51.216799	
0.25000	0.462538	-6.104578	-0.064375
0.000236	-0.193481	-42.721606	
0.50000	0.462538	1.332121	-0.064375
0.000236	-0.137807	-40.657916	
0.75000	0.462538	8.768821	-0.064375
0.000236	-0.082134	-45.025731	
1.00000	0.462538	16.205521	-0.064375
0.000236	-0.026461	-55.825049	

ELEM 467 ========== LENGTH = 3.461020

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.155405	-4.120024	0.180370
-0.000102	0.248639	-23.218801	
0.25000	0.155405	-2.818681	0.180370
-0.000102	0.092572	-20.216927	
0.50000	0.155405	-1.517338	0.180370
-0.000102	-0.063494	-18.341046	
0.75000	0.155405	-0.215994	0.180370
-0.000102	-0.219560	-17.591159	
1.00000	0.155405	1.085349	0.180370
-0.000102	-0.375626	-17.967266	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.464565	-16.622573	0.424422
-0.000307	0.590024	-55.873892	
0.25000	0.464565	-9.182246	0.424422
-0.000307	0.222791	-44.710019	
0.50000	0.464565	-1.741920	0.424422
-0.000307	-0.144442	-39.983925	
0.75000	0.464565	5.698407	0.424422
-0.000307	-0.511675	-41.695610	
1.00000	0.464565	13.138734	0.424422
-0.000307	-0.878907	-49.845074	

ELEM 468 ========== LENGTH = 4.942972

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.189227	-5.699519	0.191495
-0.000179	0.433516	-18.912373	
0.25000	0.189227	-3.840962	0.191495
-0.000179	0.196877	-12.117582	
0.50000	0.189227	-1.982405	0.191495
-0.000179	-0.039761	-8.519489	
0.75000	0.189227	-0.123848	0.191495
-0.000179	-0.276399	-7.218096	
1.00000	0.189227	1.734710	0.191495
-0.000179	-0.513038	-8.213402	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 204

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.519462	-25.110529	0.447185
-0.000556	1.011637	-49.946156	
0.25000	0.519462	-14.484376	0.447185
-0.000556	0.459032	-25.481595	
0.50000	0.519462	-3.858223	0.447185
-0.000556	-0.093573	-14.148227	
0.75000	0.519462	6.767930	0.447185
-0.000556	-0.646178	-15.946052	
1.00000	0.519462	17.394083	0.447185
-0.000556	-1.198783	-30.875070	

ELEM 469 ========== LENGTH = 4.942569

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197472	-5.698800	0.243417
-0.000147	0.599966	-8.280309	
0.25000	0.197472	-3.840394	0.243417
-0.000147	0.299190	-2.386793	
0.50000	0.197472	-1.981989	0.243417
-0.000147	-0.001587	1.210399	
0.75000	0.197472	-0.123583	0.243417
-0.000147	-0.302363	2.511265	
1.00000	0.197472	1.734823	0.243417
-0.000147	-0.603140	1.515806	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.549478	-26.051243	0.576657
-0.000514	1.417672	-31.032260	
0.25000	0.549478	-15.425955	0.576657
-0.000514	0.705130	-5.406771	
0.50000	0.549478	-4.800667	0.576657
-0.000514	-0.007412	7.086964	
0.75000	0.549478	5.824621	0.576657
-0.000514	-0.719954	6.457044	
1.00000	0.549478	16.449909	0.576657
-0.000514	-1.432496	-7.304631	

ELEM 470 ========== LENGTH = 4.943243

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200472	-5.617299	0.214823
-9.06E-05	0.559873	1.446951	
0.25000	0.200472	-3.758579	0.214823
-9.06E-05	0.294393	7.239319	
0.50000	0.200472	-1.899920	0.214823
-9.06E-05	0.028912	10.735736	
0.75000	0.200472	-0.041261	0.214823
-9.06E-05	-0.236569	11.139532	
1.00000	0.200472	1.817399	0.214823
-9.06E-05	-0.502050	10.837717	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.572383	-25.872256	0.516195
-0.000353	1.343016	-7.471265	
0.25000	0.572383	-15.245520	0.516195
-0.000353	0.705097	17.935629	
0.50000	0.572383	-4.618784	0.516195
-0.000353	0.067178	30.209889	
0.75000	0.572383	6.007953	0.516195
-0.000353	-0.570742	29.351514	
1.00000	0.572383	16.634689	0.516195
-0.000353	-1.208661	15.360504	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 205

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 471 ========== LENGTH = 4.943063

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202084	-4.586841	0.124373
-4.11E-05	0.359226	10.786029	
0.25000	0.202084	-2.728249	0.124373
-4.11E-05	0.205531	15.305898	
0.50000	0.202084	-0.869658	0.124373
-4.11E-05	0.051835	17.528983	
0.75000	0.202084	0.988934	0.124373
-4.11E-05	-0.101860	17.455284	
1.00000	0.202084	2.847526	0.124373
-4.11E-05	-0.255556	15.084801	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.580949	-23.447019	0.301529
-0.000172	0.869449	15.235850	
0.25000	0.580949	-12.820668	0.301529
-0.000172	0.496830	37.645034	
0.50000	0.580949	-2.194318	0.301529
-0.000172	0.124210	46.922538	
0.75000	0.580949	8.432032	0.301529
-0.000172	-0.248409	43.068361	
1.00000	0.580949	19.058382	0.301529
-0.000172	-0.621029	26.082504	

ELEM 472 ========== LENGTH = 4.943000

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.203187	-3.717277	-0.000390
-2.75E-07	0.057383	15.065974	
0.25000	0.203187	-1.858709	-0.000390
-2.75E-07	0.057864	18.511236	
0.50000	0.203187	-0.000141	-0.000390
-2.75E-07	0.058346	19.659772	
0.75000	0.203187	1.858427	-0.000390
-2.75E-07	0.058827	18.511584	
1.00000	0.203187	3.716995	-0.000390
-2.75E-07	0.059309	15.066670	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.582974	-21.252680	0.000301
-5.83E-07	0.141502	26.036647	
0.25000	0.582974	-10.626536	0.000301
-5.83E-07	0.141130	45.734061	
0.50000	0.582974	-0.000322	0.000301
-5.83E-07	0.140758	52.300131	
0.75000	0.582974	10.625892	0.000301
-5.83E-07	0.140387	45.734857	
1.00000	0.582974	21.252107	0.000301
-5.83E-07	0.140015	26.038238	

ELEM 473 ========== LENGTH = 4.943063

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202467	-2.847761	-0.125409
4.06E-05	-0.258023	15.085761	
0.25000	0.202467	-0.989169	-0.125409
4.06E-05	-0.103046	17.484535	
0.50000	0.202467	0.869422	-0.125409
4.06E-05	0.051931	17.530524	
0.75000	0.202467	2.728014	-0.125409
4.06E-05	0.206908	15.307729	
1.00000	0.202467	4.586606	-0.125409
4.06E-05	0.361884	10.788151	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 206

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.580567	-19.058910	-0.301534
0.000171	-0.620822	26.083995	
0.25000	0.580567	-8.432559	-0.301534
0.000171	-0.248196	43.070503	
0.50000	0.580567	2.193791	-0.301534
0.000171	0.124430	46.925332	
0.75000	0.580567	12.820141	-0.301534
0.000171	0.497056	37.648480	
1.00000	0.580567	23.446491	-0.301534
0.000171	0.869682	15.239948	

ELEM 474 ========== LENGTH = 4.943243

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201313	-1.817367	-0.216619
9.02E-05	0.180305	10.884254	
0.25000	0.201313	0.041292	-0.216619
9.02E-05	-0.238605	11.937700	
0.50000	0.201313	1.899951	-0.216619
9.02E-05	0.029095	10.738196	
0.75000	0.201313	3.758611	-0.216619
9.02E-05	0.296795	7.241740	
1.00000	0.201313	5.617270	-0.216619
9.02E-05	0.564495	1.448333	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.571862	-16.634709	-0.517988
0.000352	-1.212671	15.364858	
0.25000	0.571862	-6.007973	-0.517988
0.000352	-0.572536	29.355892	
0.50000	0.571862	4.618763	-0.517988
0.000352	0.067599	30.214292	
0.75000	0.571862	15.245500	-0.517988
0.000352	0.707734	17.940058	
1.00000	0.571862	25.872236	-0.517988
0.000352	1.347868	-7.466812	

ELEM 475 ========== LENGTH = 4.942569

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198989	-1.734554	-0.246425
0.000147	-0.610306	1.518896	
0.25000	0.198989	0.123552	-0.246425
0.000147	-0.305813	2.514021	
0.50000	0.198989	1.982258	-0.246425
0.000147	-0.001320	1.212822	
0.75000	0.198989	3.840664	-0.246425
0.000147	0.303173	-2.384703	
1.00000	0.198989	5.699070	-0.246425
0.000147	0.607666	-8.278553	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.549465	-16.449302	-0.581293
0.000514	-1.494384	-7.229435	
0.25000	0.549465	-5.824014	-0.581293
0.000514	-0.725074	6.461691	
0.50000	0.549465	4.801274	-0.581293
0.000514	-0.006804	7.093562	
0.75000	0.549465	15.426561	-0.581293
0.000514	0.711467	-5.440622	
1.00000	0.549465	26.051849	-0.581293
0.000514	1.429737	-31.029861	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 207

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 476 ========== LENGTH = 4.942972

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.192019	-1.734232	-0.195901
0.000179	-0.523766	-8.210540	
0.25000	0.192019	0.124325	-0.195901
0.000179	-0.281684	-7.215824	
0.50000	0.192019	1.982883	-0.195901
0.000179	-0.039601	-8.517808	
0.75000	0.192019	3.841440	-0.195901
0.000179	0.202482	-12.116491	
1.00000	0.192019	5.699997	-0.195901
0.000179	0.444565	-18.011872	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.521616	-17.393313	-0.455190
0.000557	-1.218135	-30.870786	
0.25000	0.521616	-6.767160	-0.455190
0.000557	-0.655638	-15.942720	
0.50000	0.521616	3.858993	-0.455190
0.000557	-0.093140	-14.145846	
0.75000	0.521616	14.485146	-0.455190
0.000557	0.469358	-25.480167	
1.00000	0.521616	25.111300	-0.455190
0.000557	1.031855	-49.945680	

ELEM 477 ========== LENGTH = 3.460020

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.159977	-1.083977	-0.191622
0.000103	-0.395011	-17.964925	
0.25000	0.159977	0.216990	-0.191622
0.000103	-0.229257	-17.589950	
0.50000	0.159977	1.517957	-0.191622
0.000103	-0.063503	-18.340319	
0.75000	0.159977	2.818925	-0.191622
0.000103	0.102250	-20.216032	
1.00000	0.159977	4.119892	-0.191622
0.000103	0.268004	-23.217087	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.470848	-13.134260	-0.446497
0.000308	-0.916815	-49.841067	
0.25000	0.470848	-5.696083	-0.446497
0.000308	-0.530593	-41.696897	
0.50000	0.470848	1.742095	-0.446497
0.000308	-0.144371	-39.986787	
0.75000	0.470848	9.180272	-0.446497
0.000308	0.241851	-44.710738	
1.00000	0.470848	16.618450	-0.446497
0.000308	0.628074	-55.868750	

ELEM 478 ========== LENGTH = 3.460332

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.161161	-3.953718	0.024232
-7.36E-05	-0.018363	-23.203516	
0.25000	0.161161	-2.652634	0.024232
-7.36E-05	-0.039326	-20.345995	
0.50000	0.161161	-1.351549	0.024232
-7.36E-05	-0.060288	-18.614020	
0.75000	0.161161	-0.050464	0.024232
-7.36E-05	-0.081251	-18.007591	
1.00000	0.161161	1.250621	0.024232
-7.36E-05	-0.102214	-18.526709	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 208

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.471151	-16.213175	0.036492
-0.000235	-0.073350	-55.838483	
0.25000	0.471151	-8.774276	0.036492
-0.000235	-0.104919	-45.030396	
0.50000	0.471151	-1.335427	0.036492
-0.000235	-0.136488	-40.657529	
0.75000	0.471151	6.103421	0.036492
-0.000235	-0.168056	-42.719884	
1.00000	0.471151	13.542270	0.036492
-0.000235	-0.199625	-51.217461	

ELEM 479 ========== LENGTH = 3.943558

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193522	-5.479269	0.109184
-0.000153	0.230379	-18.550546	
0.25000	0.193522	-3.620491	0.109184
-0.000153	0.095439	-12.927397	
0.50000	0.193522	-1.761714	0.109184
-0.000153	-0.039501	-9.601492	
0.75000	0.193522	0.097064	0.109184
-0.000153	-0.174441	-8.572830	
1.00000	0.193522	1.955842	0.109184
-0.000153	-0.309381	-9.841413	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.517334	-24.571446	0.242779
-0.000491	0.507195	-51.274312	
0.25000	0.517334	-13.944033	0.242779
-0.000491	0.207137	-27.473876	
0.50000	0.517334	-3.316620	0.242779
-0.000491	-0.092910	-16.807748	
0.75000	0.517334	7.310793	0.242779
-0.000491	-0.392958	-19.275926	
1.00000	0.517334	17.938206	0.242779
-0.000491	-0.693005	-34.878412	

ELEM 480 ========== LENGTH = 4.942352

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201918	-5.449837	0.162331
-0.000122	0.394106	-9.879032	
0.25000	0.201918	-3.591513	0.162331
-0.000122	0.193532	-4.293340	
0.50000	0.201918	-1.733188	0.162331
-0.000122	-0.007042	-1.003771	
0.75000	0.201918	0.125136	0.162331
-0.000122	-0.207615	-0.010326	
1.00000	0.201918	1.983461	0.162331
-0.000122	-0.408189	-1.313005	

LOAD CONC ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.544563	-25.439302	0.375258
-0.000451	0.906497	-34.958402	
0.25000	0.544563	-14.814480	0.375258
-0.000451	0.442832	-10.089856	
0.50000	0.544563	-4.189658	0.375258
-0.000451	-0.020833	1.650787	
0.75000	0.544563	6.435163	0.375258
-0.000451	-0.484497	0.263528	
1.00000	0.544563	17.059985	0.375258
-0.000451	-0.948162	-14.251634	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1001.OUT

Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD > 209

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 481 ========== LENGTH = 4.943378

LOAD STEEL ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204419	-5.193275	0.144703
-6.94E-05	0.376633	-1.365757	
0.25000	0.204419	-3.334565	0.144703
-6.94E-05	0.197802	3.903785	
0.50000	0.204419	-1.475855	0.144703
-6.94E-05	0.018972	6.876251	
0.75000	0.204419	0.382855	0.144703
-6.94E-05	-0.159858	7.551640	
1.00000	0.204419	2.241565	0.144703
-6.94E-05	-0.338689	5.929952	

LOAD CONC ----------

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.563632   -24.831442    0.341767
-0.000298   0.887499   -14.379316
 0.25000    0.563632   -14.204416    0.341767
-0.000298   0.665128    9.741809
 0.50000    0.563632    -3.577389    0.341767
-0.000298   0.042758   20.729581
 0.75000    0.563632    7.049638    0.341767
-0.000298  -0.379613   18.584002
 1.00000    0.563632   17.676664    0.341767
-0.000298  -0.801983    3.305070

 ELEM       482 ================== LENGTH
=     4.943447

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.207548   -4.302106    0.074285
-2.60E-05   0.220324    5.896400
 0.25000    0.207548   -2.443370    0.074285
-2.60E-05   0.128519   10.064637
 0.50000    0.207548   -0.584634    0.074285
-2.60E-05   0.036713   11.935734
 0.75000    0.207548    1.274102    0.074285
-2.60E-05  -0.055092   11.509690
 1.00000    0.207548    3.132839    0.074285
-2.60E-05  -0.146898    8.786505

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.574251   -22.748925    0.176271
-0.000131   0.522771    3.225606
 0.25000    0.574251   -12.121749    0.176271
-0.000131   0.304924   24.732272
 0.50000    0.574251    1.494574    0.176271
-0.000131   0.087077   33.187218
 0.75000    0.574251    9.132601    0.176271
-0.000131  -0.130771   28.467446
 1.00000    0.574251   19.759776    0.176271
-0.000131  -0.348618   10.613954

 ELEM       483 ================== LENGTH
=     4.942686

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.212011   -3.448044   -0.021480
 7.08E-06  -0.013749    8.778178
 0.25000    0.212011   -1.589594   -0.021480
 7.08E-06   0.012793   11.890610
 0.50000    0.212011    0.268856   -0.021480
 7.08E-06   0.039335   12.706609
 0.75000    0.212011    2.127306   -0.021480
 7.08E-06   0.065877   11.226174
 1.00000    0.212011    3.985756   -0.021480
 7.08E-06   0.092419    7.449306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         210

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.583679   -20.591172   -0.053807
-2.15E-05  -0.038890   10.594422
 0.25000    0.583679    -9.965632   -0.053807
-2.15E-05   0.027597   29.473508
 0.50000    0.583679     0.659907   -0.053807
-2.15E-05   0.094085   35.222918
 0.75000    0.583679    11.285446   -0.053807
-2.15E-05   0.160572   27.842651
 1.00000    0.583679    21.910985   -0.053807
-2.15E-05   0.227059    7.332709

 ELEM       484 ================== LENGTH
=     4.943051

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.215411   -2.582275   -0.109221
 3.84E-05  -0.241243    7.469024
 0.25000    0.215411   -0.723688   -0.109221
 3.84E-05  -0.106272    9.511716
 0.50000    0.215411    1.134899   -0.109221
 3.84E-05   0.028699    9.257637
 0.75000    0.215411    2.993486   -0.109221
 3.84E-05   0.163670    6.706785
 1.00000    0.215411    4.852073   -0.109221
 3.84E-05   0.298641    1.859161

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.591197   -18.407266   -0.264173
 0.000170  -0.585510    7.380566
 0.25000    0.591197    -7.780943   -0.264173
 0.000170  -0.295055   23.561772
 0.50000    0.591197    2.845380   -0.264173
 0.000170   0.067400   26.611364
 0.75000    0.591197   13.471703   -0.264173
 0.000170   0.393854   16.529344
 1.00000    0.591197   24.098026   -0.264173
 0.000170   0.720309   -6.684290

 ELEM       485 ================== LENGTH
=     4.943480

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.222776   -1.974453   -0.157896
 7.64E-05  -0.385260    1.900560
 0.25000    0.222776   -0.115704   -0.157896
 7.64E-05  -0.190120    3.192141
 0.50000    0.222776    1.743044   -0.157896
 7.64E-05   0.005019    2.166551
 0.75000    0.222776    3.601792   -0.157896
 7.64E-05   0.200159   -1.116210
 1.00000    0.222776    5.460541   -0.157896
 7.64E-05   0.395298   -6.716143

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.603248   -17.021831   -0.376230
 0.000322  -0.921443   -6.584764
 0.25000    0.603248    -6.394586   -0.376230
 0.000322  -0.456471    7.885059
 0.50000    0.603248    4.232650   -0.376230
 0.000322   0.008501    9.220989
 0.75000    0.603248   14.859905   -0.376230
 0.000322   0.473473   -2.576975
 1.00000    0.603248   25.487151   -0.376230
 0.000322   0.938445  -27.508832
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         211

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       486 ================== LENGTH
=     4.943095

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.232845   -1.707773   -0.144420
 0.000123  -0.381722   -6.664082
 0.25000    0.232845    0.150831   -0.144420
 0.000123  -0.203252   -5.702068
 0.50000    0.232845    2.009434   -0.144420
 0.000123  -0.024782   -7.036867
 0.75000    0.232845    3.868038   -0.144420
 0.000123   0.153689  -10.668480
 1.00000    0.232845    5.726642   -0.144420
 0.000123   0.332159  -16.596906

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.610509   -16.386602   -0.333203
 0.000456  -0.887926   -27.382250
 0.25000    0.610509    -5.760184   -0.333203
 0.000456  -0.476162   -13.698042
 0.50000    0.610509     4.866234   -0.333203
 0.000456  -0.064398   -13.145682
 0.75000    0.610509    15.492651   -0.333203
 0.000456   0.347366   -25.725169
 1.00000    0.610509    26.119069   -0.333203
 0.000456   0.759130   -51.436503

 ELEM       487 ================== LENGTH
=     4.942837

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.236822   -1.827846   -0.056250
 0.000143  -0.197256   -16.560632
 0.25000    0.236822    0.030660   -0.056250
 0.000143  -0.127746   -15.450232
 0.50000    0.236822    1.889167   -0.056250
 0.000143  -0.058237   -16.636406
 0.75000    0.236822    3.747674   -0.056250
 0.000143   0.011272   -20.119154
 1.00000    0.236822    5.606180   -0.056250
 0.000143   0.080781   -25.898476

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.609219   -17.627833   -0.114433
 0.000464  -0.421736   -51.350205
 0.25000    0.609219    -7.001970   -0.114433
 0.000464  -0.280330   -36.132568
 0.50000    0.609219     3.623894   -0.114433
 0.000464  -0.138923   -34.045409
 0.75000    0.609219    14.249757   -0.114433
 0.000464   0.002483   -45.088726
 1.00000    0.609219    24.875621   -0.114433
 0.000464   0.143890   -69.262521

 ELEM       488 ================== LENGTH
=     3.460010

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.220690   -1.231143    0.141989
 5.40E-05   0.168949   -25.903282
 0.25000    0.220690    0.069820    0.141989
 5.40E-05   0.046128   -25.401008
 0.50000    0.220690    1.370784    0.141989
 5.40E-05  -0.076693   -26.024071
 0.75000    0.220690    2.671748    0.141989
 5.40E-05  -0.199514   -27.772471
 1.00000    0.220690    3.972712    0.141989
 5.40E-05  -0.322334   -30.646208
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         212

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.597113   -13.495401    0.368425
 0.000172   0.460742   -69.279516
 0.25000    0.597113    -6.057245    0.368425
 0.000172   0.142054   -60.822972
 0.50000    0.597113     1.380912    0.368425
 0.000172  -0.176635   -58.800452
 0.75000    0.597113     8.819068    0.368425
 0.000172  -0.495324   -63.211956
 1.00000    0.597113    16.257224    0.368425
 0.000172  -0.814012   -74.057484

 ELEM       489 ================== LENGTH
=     3.460026

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.233332   -4.418085    0.416006
-0.000136   0.631902   -30.703423
 0.25000    0.233332   -3.117115    0.416006
-0.000136   0.272055   -27.444425
 0.50000    0.233332   -1.816145    0.416006
-0.000136  -0.087793   -25.310774
 0.75000    0.233332   -0.515176    0.416006
-0.000136  -0.447640   -24.302470
 1.00000    0.233332    0.785794    0.416006
-0.000136  -0.807488   -24.419514

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.623405   -17.332602    0.993560
-0.000421   1.515019   -74.197125
 0.25000    0.623405    -9.894412    0.993560
-0.000421   0.655583   -62.421355
 0.50000    0.623405    -2.456222    0.993560
-0.000421  -0.203853   -57.079666
 0.75000    0.623405     4.981968    0.993560
-0.000421  -1.063289   -58.172059
 1.00000    0.623405    12.420158    0.993560
-0.000421  -1.922725   -65.698534

 ELEM       490 ================== LENGTH
=     4.943366

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.273483   -6.179359    0.344709
-0.000219   0.792247   -24.515717
 0.25000    0.273483   -4.320653    0.344709
-0.000219   0.366242   -18.027541
 0.50000    0.273483   -2.461947    0.344709
-0.000219  -0.059764   -13.836432
 0.75000    0.273483   -0.603241    0.344709
-0.000219  -0.485770   -11.942388
 1.00000    0.273483    1.255464    0.344709
-0.000219  -0.911775   -12.345410

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.686425   -26.262783    0.819072
-0.000695   1.881518   -65.927813
 0.25000    0.686425   -15.635781    0.819072
-0.000695   0.869274   -40.037818
 0.50000    0.686425    -5.008779    0.819072
-0.000695  -0.142969   -27.281114
 0.75000    0.686425     5.618223    0.819072
-0.000695  -1.155212   -27.657702
 1.00000    0.686425    16.245225    0.819072
-0.000695  -2.167456   -41.167581
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         213

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       491 ================== LENGTH
=     4.942624

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.295261   -6.393276    0.423246
-0.000197   1.037595   -12.462842
 0.25000    0.295261   -4.534850    0.423246
-0.000197   0.514609    -5.711140
 0.50000    0.295261   -2.676423    0.423246
-0.000197  -0.008378    -1.255814
 0.75000    0.295261   -0.817997    0.423246
-0.000197  -0.531365    0.993136
 1.00000    0.295261    1.040430    0.423246
-0.000197  -1.054352    0.765711

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.744579   -27.727322    1.015561
-0.000683   2.484805   -41.448050
 0.25000    0.744579   -17.101917    1.015561
-0.000683   1.229921   -13.751293
 0.50000    0.744579    -6.476512    1.015561
-0.000683  -0.024963    0.816120
 0.75000    0.744579     4.148894    1.015561
-0.000683  -1.279848    2.254187
 1.00000    0.744579    14.774299    1.015561
-0.000683  -2.534732   -9.437090

 ELEM       492 ================== LENGTH
=     4.942827

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.295229   -6.409470    0.396461
-0.000143   1.012315    0.636597
 0.25000    0.295229    -4.550967    0.396461
-0.000143   0.522406    7.408539
 0.50000    0.295229    -2.692464    0.396461
-0.000143   0.032497   11.883917
 0.75000    0.295229    -0.833961    0.396461
-0.000143  -0.457412   14.062731
 1.00000    0.295229     1.024542    0.396461
-0.000143  -0.947321   13.944980

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.756346   -27.791311    0.962309
-0.000534   2.452945    -9.751989
 0.25000    0.756346   -17.165469    0.962309
-0.000534   1.263813   18.024708
 0.50000    0.756346    -6.539627    0.962309
-0.000534   0.074682   32.670962
 0.75000    0.756346     4.086215    0.962309
-0.000534  -1.114450   34.186831
 1.00000    0.756346    14.712057    0.962309
-0.000534  -2.303581   22.572256

 ELEM       493 ================== LENGTH
=     4.943147

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.294592   -5.476842    0.284285
-9.22E-05   0.770571   13.835833
 0.25000    0.294592    -3.618219    0.284285
-9.22E-05   0.419255   19.455611
 0.50000    0.294592    -1.759595    0.284285
-9.22E-05   0.067940   22.778527
 0.75000    0.294592     0.099028    0.284285
-9.22E-05  -0.283376   23.804580
 1.00000    0.294592     1.957652    0.284285
-9.22E-05  -0.634691   22.533771
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         214

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.755077   -25.656895    0.697537
-0.000354   1.886429   22.303366
 0.25000    0.755077   -15.030364    0.697537
-0.000354   1.024422   47.443755
 0.50000    0.755077    -4.403833    0.697537
-0.000354   0.162414   59.452017
 0.75000    0.755077     6.222698    0.697537
-0.000354  -0.699594   58.328153
 1.00000    0.755077    16.849229    0.697537
-0.000354  -1.561601   44.072162

 ELEM       494 ================== LENGTH
=     4.943689

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.288252   -4.589484    0.110703
-4.33E-05   0.361410   22.473281
 0.25000    0.288252    -2.730658    0.110703
-4.33E-05   0.224589   26.996844
 0.50000    0.288252    -0.871831    0.110703
-4.33E-05   0.087769   29.223041
 0.75000    0.288252     0.986996    0.110703
-4.33E-05  -0.049052   29.151913
 1.00000    0.288252     2.845823    0.110703
-4.33E-05  -0.185873   26.783340

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.734485   -23.480871    0.278497
-0.000164   0.901017   43.922449
 0.25000    0.734485   -12.853176    0.278497
-0.000164   0.556816   66.375476
 0.50000    0.734485    -2.225481    0.278497
-0.000164   0.212616   75.693500
 0.75000    0.734484     8.402213    0.278497
-0.000164  -0.131584   71.876520
 1.00000    0.734485    19.029908    0.278497
-0.000164  -0.475785   54.924536

 ELEM       495 ================== LENGTH
=     4.942369

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.269834   -3.787381   -0.092358
 1.13E-05  -0.133214   26.779488
 0.25000    0.269834    -1.929050   -0.092358
 1.13E-05  -0.019097   30.311077
 0.50000    0.269834    -0.070719   -0.092358
 1.13E-05   0.095020   31.546527
 0.75000    0.269834     1.787612   -0.092358
 1.13E-05   0.209136   30.485838
 1.00000    0.269834     3.645942   -0.092358
 1.13E-05   0.323253   27.129009

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.686046   -21.507326   -0.216742
 4.93E-05  -0.303742    54.912338
 0.25000    0.686046   -10.882468   -0.216742
 4.93E-05  -0.035937    74.922629
 0.50000    0.686046    -0.257610   -0.216742
 4.93E-05   0.231869    81.804926
 0.75000    0.686046    10.367248   -0.216742
 4.93E-05   0.499674    75.559231
 1.00000    0.686046    20.992106   -0.216742
 4.93E-05   0.767479    56.185543
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         215

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       496 ================== LENGTH
=     4.943166

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.233790   -3.020968   -0.295901
 7.43E-05  -0.642013   27.179908
 0.25000    0.233790    -1.162338   -0.295901
 7.43E-05  -0.276341   29.764756
 0.50000    0.233790    0.696292   -0.295901
 7.43E-05   0.089331   30.052723
 0.75000    0.233790    2.554923   -0.295901
 7.43E-05   0.455002   28.043811
 1.00000    0.233790    4.413553   -0.295901
 7.43E-05   0.820674   23.738019

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.594728   -19.683257   -0.716868
 0.000289  -1.552230   56.305447
 0.25000    0.594728    -9.056696   -0.716868
 0.000289  -0.666331   74.063748
 0.50000    0.594728     1.569875   -0.716868
 0.000289   0.219569   78.689822
 0.75000    0.594728    12.196446   -0.716868
 0.000289   1.105468   70.183670
 1.00000    0.594728    22.823018   -0.716868
 0.000289   1.991368   48.545292

 ELEM       497 ================== LENGTH
=     4.942859

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.166487   -2.757109   -0.479192
 0.000158  -1.105295   23.848518
 0.25000    0.166487    -0.898594   -0.479192
 0.000158  -0.513150   26.107221
 0.50000    0.166487    0.959921   -0.479192
 0.000158   0.078995   26.069330
 0.75000    0.166487    2.818436   -0.479192
 0.000158   0.671140   23.734844
 1.00000    0.166487    4.676951   -0.479192
 0.000158   1.263285   19.103763

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.415682   -18.856408   -1.169295
 0.000575  -2.694858   48.812162
 0.25000    0.415682    -8.230495   -1.169295
 0.000575  -1.249943   65.548007
 0.50000    0.415682     2.395417   -1.169295
 0.000575   0.194973   69.153254
 0.75000    0.415682    13.021329   -1.169295
 0.000575   1.639888   59.627902
 1.00000    0.415682    23.646842   -1.169295
 0.000575   3.084803   36.971954

 ELEM       498 ================== LENGTH
=     4.944025

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.046631   -1.244485   -0.557256
 0.000336  -1.372486   19.257398
 0.25000    0.046631    0.614468   -0.557256
 0.000336  -0.683715   19.646751
 0.50000    0.046631    2.473422   -0.557256
 0.000336   0.005057   17.738425
 0.75000    0.046631    4.332375   -0.557256
 0.000336   0.693828   13.532422
 1.00000    0.046631    6.191328   -0.557256
 0.000336   1.382600    7.028740
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1001.OUT

                                        Page
< BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                         216

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.090835   -15.721195   -1.363080
 0.001093  -3.354855   37.344110
 0.25000    0.090835    -5.092778   -1.363080
 0.001093  -1.670079   50.207209
 0.50000    0.090835     5.535639   -1.363080
 0.001093   0.014696   49.933519
 0.75000    0.090835    16.164057   -1.363080
 0.001093   1.699472   36.520940
 1.00000    0.090835    26.792474   -1.363080
 0.001093   3.384247    9.975772

 ELEM       499 ================== LENGTH
=     2.743418

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.001524    0.649441   -1.988555
 0.000611  -2.623822    7.269711
 0.25000   -0.001524    1.680367   -1.988555
 0.000611  -1.259963    6.470550
 0.50000   -0.001524    2.712492   -1.988555
 0.000611   0.103896    4.963914
 0.75000   -0.001524    3.744017   -1.988555
 0.000611   1.467755    2.749802
 1.00000   -0.001524    4.775542   -1.988555
 0.000611   2.831615   -0.171787

 LOAD     CONC --------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.025501   -7.790410   -4.858025
 0.001874  -6.411404   11.565857
 0.25000   -0.025501    -1.892748   -4.858025
 0.001874  -3.079506   13.886476
 0.50000   -0.025501     4.004914   -4.858025
 0.001874   0.252393   13.162156
 0.75000   -0.025501     9.902577   -4.858025
 0.001874   3.584291    8.328899
 1.00000   -0.025501    15.800239   -4.858025
 0.001874   6.916189   -0.421296

 ELEM       500 ================== LENGTH
=     1.100000

 LOAD    STEEL -------------------

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000 -373.695294   -0.601692   -45.418192
 .000000  -49.960011   -0.661861
 0.25000 -373.695294   -0.601692   -45.418192
 .000000  -37.470008   -0.483896
 0.50000 -373.695294   -0.601692   -45.418192
 .000000  -24.980006   -0.330931
 0.75000 -373.695294   -0.601692   -45.418192
```

```
   .000000  -12.490003   -0.165465
 1.00000 -373.695294   -0.601692  -45.418192
   .000000    1.86E-10    1.34E-17

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -981.328136   -1.800802 -135.931872
   .000000 -149.525059   -1.980882
 0.25000 -981.328136   -1.800802 -135.931872
   .000000 -112.143794   -1.485661
 0.50000 -981.328136   -1.800802 -135.931872
   .000000  -74.762530   -0.990441
 0.75000 -981.328136   -1.800802 -135.931872
   .000000  -37.381265   -0.495220
 1.00000 -981.328136   -1.800802 -135.931872
   .000000    1.44E-09    9.55E-17
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       217

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      501 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1300.615   -1.263769    40.303391
   .000000    48.364069   -1.516522
 0.25000   -1300.615   -1.263769    40.303391
   .000000    36.273052   -1.137392
 0.50000   -1300.615   -1.263769    40.303391
   .000000    24.182034   -0.758261
 0.75000   -1300.615   -1.263769    40.303391
   .000000    12.091017   -0.379131
 1.00000   -1300.615   -1.263769    40.303391
   .000000    4.66E-11    7.92E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2897.762   -1.857220    59.229393
   .000000   71.075271   -2.228664
 0.25000   -2897.762   -1.857220    59.229393
   .000000   53.306454   -1.671498
 0.50000   -2897.762   -1.857220    59.229393
   .000000   35.537636   -1.114332
 0.75000   -2897.762   -1.857220    59.229393
   .000000   17.768818   -0.557166
 1.00000   -2897.762   -1.857220    59.229393
   .000000    1.86E-10    1.86E-09

 ELEM      502 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1119.006    .000000    15.599380
   .000000   18.719256    .000000
 0.25000   -1119.006    .000000    15.599380
   .000000   14.039442    .000000
 0.50000   -1119.006    .000000    15.599380
   .000000    9.359628    .000000
 0.75000   -1119.006    .000000    15.599380
   .000000    4.679814    .000000
 1.00000   -1119.006    .000000    15.599380
   .000000   -5.82E-12    .000000

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2447.882    .000000   -1.146820
   .000000   -1.376184   9.31E-10
 0.25000   -2447.882    .000000   -1.146820
   .000000   -0.802138   9.31E-10
 0.50000   -2447.882    .000000   -1.146820
   .000000   -0.688092   9.31E-10
 0.75000   -2447.882    .000000   -1.146820
   .000000   -0.344046   9.31E-10
 1.00000   -2447.882    .000000   -1.146820
   .000000   -1.46E-12   9.31E-10

 ELEM      503 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1118.901   4.219522    16.019477
   .000000   19.223372   5.063426
 0.25000   -1118.901   4.219522    16.019477
   .000000   14.417529   3.797570
 0.50000   -1118.901   4.219522    16.019477
   .000000   9.611686   2.531713
 0.75000   -1118.901   4.219522    16.019477
   .000000   4.805843   1.265857
 1.00000   -1118.901   4.219522    16.019477
   .000000   -1.16E-11   1.63E-10
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       218

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2447.646   9.031780    -0.447193
   .000000   -2.536632   10.838136
 0.25000   -2447.646   9.031780    -0.447193
   .000000   -0.402474   8.128602
 0.50000   -2447.646   9.031780    -0.447193
   .000000   -0.268316   5.419068
 0.75000   -2447.646   9.031780    -0.447193
   .000000   -0.134158   2.709534
 1.00000   -2447.646   9.031780    -0.447193
   .000000    2.55E-12   9.31E-11

 ELEM      504 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1298.481   -0.991176    19.046335
   .000000   22.855602   -1.189411
 0.25000   -1298.481   -0.991176    19.046335
   .000000   17.141701   -0.892059
 0.50000   -1298.481   -0.991176    19.046335
   .000000   11.427801   -0.594706
 0.75000   -1298.481   -0.991176    19.046335
   .000000    5.713900   -0.297353
 1.00000   -1298.481   -0.991176    19.046335
   .000000    5.82E-11    3.73E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2892.312   -0.266435    5.119789
   .000000    6.143747   -0.319722
 0.25000   -2892.312   -0.266435    5.119789
   .000000    4.607810   -0.239792
 0.50000   -2892.312   -0.266435    5.119789
   .000000    3.071874   -0.159861
 0.75000   -2892.312   -0.266435    5.119789
   .000000    1.535937   -0.079931
 1.00000   -2892.312   -0.266435    5.119789
   .000000    4.66E-11    2.24E-09

 ELEM      505 ================== LENGTH
 =     1.100000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -373.024756    1.074481   -54.043142
 -9.09E-13  -59.447456    1.181930
 0.25000 -373.024756    1.074481   -54.043142
 -9.09E-13  -44.585592    0.886447
 0.50000 -373.024756    1.074481   -54.043142
 -9.09E-13  -29.723728    0.590965
 0.75000 -373.024756    1.074481   -54.043142
 -9.09E-13   14.861864    0.295482
 1.00000 -373.024756    1.074481   -54.043142
 -9.09E-13    2.10E-10   -7.45E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -979.563319    3.137729  -157.818207
   .000000 -173.600028    3.451502
 0.25000 -979.563319    3.137729  -157.818207
   .000000 -130.200021    2.588626
 0.50000 -979.563319    3.137729  -157.818207
   .000000  -86.800014    1.725751
 0.75000 -979.563319    3.137729  -157.818207
   .000000  -43.400007    0.862875
 1.00000 -979.563319    3.137729  -157.818207
   .000000    5.12E-10   -5.22E-09
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       219

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      506 ================== LENGTH
 =     1.100000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -447.526187    2.224554    43.036230
   .000000   47.339853    2.447009
 0.25000 -447.526187    2.224554    43.036230
   .000000   35.504890    1.835257
 0.50000 -447.526187    2.224554    43.036230
   .000000   23.669927    1.223505
 0.75000 -447.526187    2.224554    43.036230
   .000000   11.834963    0.611752
 1.00000 -447.526187    2.224554    43.036230
   .000000   -1.22E-10    3.73E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1082.519   6.728616    130.171849
   .000000  143.189034   7.401478
 0.25000   -1082.519   6.728616    130.171849
   .000000   107.391776   5.551108
 0.50000   -1082.519   6.728616    130.171849
   .000000   71.594517   3.700739
 0.75000   -1082.519   6.728616    130.171849
   .000000   35.797259   1.850369
 1.00000   -1082.519   6.728616    130.171849
   .000000   -1.04E-09   1.04E-08

 ELEM      507 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1468.184   -0.943527   -36.273773
   .000000   -43.528527   -1.132232
 0.25000   -1468.184   -0.943527   -36.273773
   .000000   -32.646396   -0.849174
 0.50000   -1468.184   -0.943527   -36.273773
   .000000   -21.764264   -0.566116
 0.75000   -1468.184   -0.943527   -36.273773
   .000000   -10.882132   -0.283058
 1.00000   -1468.184   -0.943527   -36.273773
   .000000    7.86E-11   -1.86E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -3158.425   -1.287585   -49.501043
   .000000  -59.401252   -1.545102
 0.25000   -3158.425   -1.287585   -49.501043
   .000000  -44.550939   -1.158826
 0.50000   -3158.425   -1.287585   -49.501043
   .000000  -29.700626   -0.772551
 0.75000   -3158.425   -1.287585   -49.501043
   .000000  -14.850313   -0.386275
 1.00000   -3158.425   -1.287585   -49.501043
   .000000   -2.15E-10    1.21E-09

 ELEM      508 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1290.363    .000000   -17.357352
   .000000  -20.828822   -4.66E-10
 0.25000   -1290.363    .000000   -17.357352
   .000000  -15.621617   -4.66E-10
 0.50000   -1290.363    .000000   -17.357352
   .000000  -10.414411   -4.66E-10
 0.75000   -1290.363    .000000   -17.357352
   .000000   -5.207206   -4.66E-10
 1.00000   -1290.363    .000000   -17.357352
   .000000    1.09E-12   -4.66E-10
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       220

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2725.602   -1.86E-09   -3.057566
   .000000   -3.669079   -9.31E-10
 0.25000   -2725.602   -1.86E-09   -3.057566
   .000000   -2.751809   -3.73E-10
 0.50000   -2725.602   -1.86E-09   -3.057566
   .000000   -1.834540    1.86E-10
 0.75000   -2725.602   -1.86E-09   -3.057566
   .000000   -0.917270    7.45E-10
 1.00000   -2725.602   -1.86E-09   -3.057566
   .000000    3.27E-12    1.30E-09

 ELEM      509 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1290.302   -0.295193   -17.000363
   .000000  -20.400435   -0.354231
 0.25000   -1290.302   -0.295193   -17.000363
   .000000  -15.300326   -0.265674
 0.50000   -1290.302   -0.295193   -17.000363
   .000000  -10.200218   -0.177116
 0.75000   -1290.302   -0.295193   -17.000363
   .000000   -5.100109   -0.088558
 1.00000   -1290.302   -0.295193   -17.000363
   .000000    4.18E-12    2.33E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2725.571   -1.498723   -1.945295
   .000000   -2.334354   -1.798468
 0.25000   -2725.571   -1.498723   -1.945295
   .000000   -1.750765   -1.348851
 0.50000   -2725.571   -1.498723   -1.945295
   .000000   -1.167177   -0.899234
 0.75000   -2725.571   -1.498723   -1.945295
   .000000   -0.583588   -0.449617
 1.00000   -2725.571   -1.498723   -1.945295
   .000000   -5.82E-12    4.66E-11

 ELEM      510 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1473.641    0.816690   -15.693433
   .000000  -18.832120    0.980028
 0.25000   -1473.641    0.816690   -15.693433
   .000000  -14.124090    0.735021
 0.50000   -1473.641    0.816690   -15.693433
   .000000   -9.416060    0.490014
 0.75000   -1473.641    0.816690   -15.693433
   .000000   -4.708030    0.245007
 1.00000   -1473.641    0.816690   -15.693433
   .000000   -2.91E-11   -1.49E-09

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -3172.381   -0.161442    3.102250
   .000000    3.722700   -0.193730
 0.25000   -3172.381   -0.161442    3.102250
   .000000    2.792025   -0.145298
 0.50000   -3172.381   -0.161442    3.102250
   .000000    1.861350   -0.096865
 0.75000   -3172.381   -0.161442    3.102250
   .000000    0.930675   -0.048433
 1.00000   -3172.381   -0.161442    3.102250
   .000000   -3.49E-11   -5.96E-09
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       221

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      511 ================== LENGTH
 =     1.100000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -449.565118   -4.028433    51.786942
 -3.64E-12   56.965636   -4.431276
 0.25000 -449.565118   -4.028433    51.786942
 -3.64E-12   42.724227   -3.323457
 0.50000 -449.565118   -4.028433    51.786942
 -3.64E-12   28.482818   -2.215638
 0.75000 -449.565118   -4.028433    51.786942
 -3.64E-12   14.241409   -1.107819
 1.00000 -449.565118   -4.028433    51.786942
 -3.64E-12    7.31E-10    2.24E-09

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1087.748  -11.841717   152.229507
 -7.28E-12  167.452457  -13.025889
 0.25000   -1087.748  -11.841717   152.229507
 -7.28E-12  125.589343   -9.769417
 0.50000   -1087.748  -11.841717   152.229507
 -7.28E-12   83.726229   -6.512944
 0.75000   -1087.748  -11.841717   152.229507
 -7.28E-12   41.863114   -3.256472
 1.00000   -1087.748  -11.841717   152.229507
 -7.28E-12    9.02E-10   -3.73E-10

 ELEM      512 ================== LENGTH
 =     1.100000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -339.136210   -7.45E-09    9.90E-10
   .000000    6.98E-10   -5.59E-09
 0.25000 -339.136210   -7.45E-09    9.90E-10
   .000000    4.26E-10   -3.54E-09
 0.50000 -339.136210   -7.45E-09    9.90E-10
   .000000    1.54E-10   -1.49E-09
 0.75000 -339.136210   -7.45E-09    9.90E-10
   .000000   -1.19E-10    5.59E-10
 1.00000 -339.136210   -7.45E-09    9.90E-10
   .000000   -3.90E-10    2.61E-09

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -818.326011   -7.45E-09    1.28E-09
   .000000    1.05E-09   -7.45E-09
 0.25000 -818.326011   -7.45E-09    1.28E-09
   .000000    6.96E-10   -5.40E-09
 0.50000 -818.326011   -7.45E-09    1.28E-09
   .000000    3.43E-10   -3.35E-09
 0.75000 -818.326011   -7.45E-09    1.28E-09
   .000000   -8.73E-12   -1.30E-09
 1.00000 -818.326011   -7.45E-09    1.28E-09
   .000000   -3.61E-10    7.45E-10

 ELEM      513 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1302.307   -6.98E-10    5.82E-11
   .000000   -2.91E-11   -6.98E-10
 0.25000   -1302.307   -6.98E-10    5.82E-11
   .000000   -4.66E-11   -4.89E-10
 0.50000   -1302.307   -6.98E-10    5.82E-11
   .000000   -6.40E-11   -2.79E-10
 0.75000   -1302.307   -6.98E-10    5.82E-11
   .000000   -8.15E-11   -6.98E-11
 1.00000   -1302.307   -6.98E-10    5.82E-11
   .000000   -9.90E-11    1.40E-10
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       222

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2705.786    1.63E-09   -2.33E-10
   .000000   -4.66E-10    4.66E-10
 0.25000   -2705.786    1.63E-09   -2.33E-10
   .000000   -3.96E-10   -2.33E-11
 0.50000   -2705.786    1.63E-09   -2.33E-10
   .000000   -3.26E-10   -5.12E-10
 0.75000   -2705.786    1.63E-09   -2.33E-10
   .000000   -2.56E-10   -1.00E-09
 1.00000   -2705.786    1.63E-09   -2.33E-10
   .000000   -1.86E-10   -1.49E-09

 ELEM      514 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1117.805    .000000     .000000
   .000000   -2.91E-11    .000000
 0.25000   -1117.805    .000000     .000000
   .000000   -2.91E-11    .000000
 0.50000   -1117.805    .000000     .000000
   .000000   -2.91E-11    .000000
 0.75000   -1117.805    .000000     .000000
   .000000   -2.91E-11    .000000
 1.00000   -1117.805    .000000     .000000
   .000000   -2.91E-11    .000000

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2263.164   -1.86E-09    2.33E-10
   .000000    1.16E-10   -9.31E-10
 0.25000   -2263.164   -1.86E-09    2.33E-10
   .000000    4.66E-11   -3.73E-10
 0.50000   -2263.164   -1.86E-09    2.33E-10
   .000000   -2.33E-11    1.86E-10
 0.75000   -2263.164   -1.86E-09    2.33E-10
   .000000   -9.31E-11    7.45E-10
 1.00000   -2263.164   -1.86E-09    2.33E-10
   .000000   -1.63E-10    1.30E-09

 ELEM      515 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1117.847   -0.211458   -0.005500
   .000000   -0.006600   -0.253750
 0.25000   -1117.847   -0.211458   -0.005500
   .000000   -0.004950   -0.190312
 0.50000   -1117.847   -0.211458   -0.005500
   .000000   -0.003300   -0.126875
 0.75000   -1117.847   -0.211458   -0.005500
   .000000   -0.001650   -0.063437
 1.00000   -1117.847   -0.211458   -0.005500
   .000000   -4.37E-11   -1.16E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2263.234   -0.184202   -0.004791
   .000000   -0.005750   -0.221042
 0.25000   -2263.234   -0.184202   -0.004791
   .000000   -0.004312   -0.165781
 0.50000   -2263.234   -0.184202   -0.004791
   .000000   -0.002875   -0.110521
 0.75000   -2263.234   -0.184202   -0.004791
   .000000   -0.001437   -0.055260
 1.00000   -2263.234   -0.184202   -0.004791
   .000000   -8.15E-11   -4.66E-11
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1001.OUT

                                      Page
 < BEFORE COMPOSITE SELF-WEIGHT LOAD >
                                       223

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      516 ================== LENGTH
 =     1.200000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -1298.914    .000000   -7.28E-12
   .000000    1.89E-10   -9.31E-10
 0.25000   -1298.914    .000000   -7.28E-12
   .000000    1.91E-10   -9.31E-10
 0.50000   -1298.914    .000000   -7.28E-12
   .000000    1.94E-10   -9.31E-10
 0.75000   -1298.914    .000000   -7.28E-12
   .000000    1.96E-10   -9.31E-10
 1.00000   -1298.914    .000000   -7.28E-12
   .000000    1.98E-10   -9.31E-10

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000   -2697.091    .000000    8.00E-10
   .000000    1.04E-09    .000000
 0.25000   -2697.091    .000000    8.00E-10
   .000000    8.00E-10    .000000
 0.50000   -2697.091    .000000    8.00E-10
   .000000    5.60E-10    .000000
 0.75000   -2697.091    .000000    8.00E-10
   .000000    3.20E-10    .000000
 1.00000   -2697.091    .000000    8.00E-10
   .000000    8.00E-11    .000000

 ELEM      517 ================== LENGTH
 =     1.100000

 LOAD     STEEL  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -337.832502    3.73E-09    6.29E-10
 1.82E-12    9.90E-10    5.59E-09
 0.25000 -337.832502    3.73E-09    6.29E-10
 1.82E-12    8.16E-10    4.56E-09
 0.50000 -337.832502    3.73E-09    6.29E-10
 1.82E-12    6.43E-10    3.54E-09
 0.75000 -337.832502    3.73E-09    6.29E-10
 1.82E-12    4.70E-10    2.51E-09
 1.00000 -337.832502    3.73E-09    6.29E-10
 1.82E-12    2.97E-10    1.49E-09

 LOAD     CONC  ------------------

 REL DIST           P           V2          V3
        T          M2          M3
 0.00000 -815.015944    1.12E-08    1.40E-09
 7.28E-12    2.10E-09    1.86E-08
 0.25000 -815.015944    1.12E-08    1.40E-09
 7.28E-12    1.71E-09    1.56E-08
 0.50000 -815.015944    1.12E-08    1.40E-09
 7.28E-12    1.33E-09    1.25E-08
 0.75000 -815.015944    1.12E-08    1.40E-09
 7.28E-12    9.43E-10    9.41E-09
 1.00000 -815.015944    1.12E-08    1.40E-09
 7.28E-12    5.59E-10    6.33E-09

 < AFTER  COMPOSITE SELF-WEIGHT LOAD >
                                         1

 D I S P L A C E M E N T   D E G R E E S
 O F   F R E E D O M

        (A) = Active DOF, equilibrium equation
        (-) =  Restrained DOF, reaction
 computed
        (+) = Constrained DOF
        (>) = External substructure DOF
        ( ) = Null DOF

  JOINTS            U1  U2  U3  R1  R2  R3
       1 TO    280   A   A   A   A   A   A
     281 TO    283   A   -   -   A   A   A
     284           -   -   -   A   A   A
     285 TO    289   A   -   -   A   A   A
     290           -   -   -   A   A   A
     291 TO    292   A   -   -   A   A   A
     293 TO    295   A   A   -   A   A   A
     296           -   A   -   A   A   A
     297 TO    298   A   A   -   A   A   A
 Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1002.OUT

                                      Page
 < AFTER  COMPOSITE SELF-WEIGHT LOAD >
                                         2

 T O T A L   A S S E M B L E D   J O I N T
 M A S S E S

  IN GLOBAL COORDINATES

          UX          UY          UZ
       RX          RY          RZ
  TOTAL    .000000     .000000     .000000
           .000000     .000000     .000000
```

TOTAL ACCELERATED MASS AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD AFTER ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-8.50E-05	9.71E-05	-1.85E-07
-9.85E-05	0.000698	-2.85E-06	
2	-8.42E-05	8.94E-05	-0.001930
-0.000107	-0.000675	-2.61E-06	
3	-8.33E-05	7.84E-05	-0.005080
-0.000112	0.000554	-1.83E-06	
4	-8.29E-05	7.04E-05	-0.007456
-0.000104	0.000376	-1.44E-06	
5	-8.27E-05	6.32E-05	-0.008889
-8.79E-05	0.000177	-1.46E-06	
6	-8.24E-05	5.54E-05	-0.009288
-6.78E-05	-3.24E-05	-1.68E-06	
7	-8.21E-05	4.64E-05	-0.008667
-4.70E-05	-0.000225	-1.91E-06	
8	-8.17E-05	3.64E-05	-0.007173
-2.74E-05	-0.000375	-2.12E-06	
9	-8.12E-05	2.54E-05	-0.005092
-1.04E-05	-0.000452	-2.23E-06	
10	-8.06E-05	1.37E-05	-0.002841
2.64E-06	-0.000438	-2.40E-06	
11	-8.00E-05	2.09E-06	-0.000905
7.21E-06	-0.000323	-2.19E-06	
12	-7.96E-05	-4.65E-06	-5.83E-07
1.13E-08	-0.000190	-1.60E-06	
13	-7.94E-05	-8.98E-06	0.000411
-1.33E-05	-5.25E-05	-9.59E-07	
14	-7.93E-05	-1.26E-05	0.000293
-3.64E-05	8.35E-05	-5.27E-07	
15	-7.94E-05	-1.45E-05	-0.000312
-5.37E-05	0.000141	-2.55E-07	
16	-7.96E-05	-1.50E-05	-0.001029
-6.23E-05	0.000130	8.34E-08	
17	-7.99E-05	-1.36E-05	-0.001562
-6.32E-05	7.05E-05	5.03E-07	
18	-8.03E-05	-1.01E-05	-0.001728
-5.90E-05	-1.14E-05	9.13E-07	
19	-8.09E-05	-4.72E-06	-0.001486
-5.11E-05	-8.78E-05	1.21E-06	
20	-8.14E-05	1.73E-06	-0.000936
-4.02E-05	-0.000128	1.34E-06	
21	-8.18E-05	8.39E-06	-0.000313
-2.72E-05	-0.000113	1.30E-06	
22	-8.22E-05	1.46E-05	6.63E-05
-1.61E-05	-2.86E-05	1.18E-06	
23	-8.24E-05	1.85E-05	-5.08E-07
-1.54E-05	7.10E-05	1.07E-06	
24	-8.26E-05	2.20E-05	-0.000430
-2.21E-05	0.000169	9.37E-07	
25	-8.28E-05	2.61E-05	-0.001498
-3.86E-05	0.000245	6.74E-07	
26	-8.31E-05	2.87E-05	-0.002747
-5.33E-05	0.000243	3.91E-07	
27	-8.34E-05	3.00E-05	-0.003820
-6.26E-05	0.000176	1.64E-07	
28	-8.37E-05	3.04E-05	-0.004430
-6.68E-05	6.33E-05	1.20E-08	
29	-8.40E-05	3.02E-05	-0.004430
-6.69E-05	-6.33E-05	-9.99E-08	
30	-8.43E-05	2.94E-05	-0.003820
-6.27E-05	-0.000176	-2.32E-07	
31	-8.46E-05	2.78E-05	-0.002747
-5.33E-05	-0.000243	-4.19E-07	
32	-8.49E-05	2.52E-05	-0.001498
-3.86E-05	-0.000245	-6.42E-07	
33	-8.51E-05	2.15E-05	-0.000431
-2.21E-05	-0.000169	-8.24E-07	
34	-8.53E-05	1.85E-05	-5.08E-07
-1.54E-05	-7.11E-05	-8.89E-07	
35	-8.56E-05	1.54E-05	6.66E-05
-1.61E-05	2.85E-05	-9.26E-07	
36	-8.60E-05	1.06E-05	-0.000313
-2.70E-05	0.000113	-9.77E-07	
37	-8.65E-05	5.72E-06	-0.000935
-4.01E-05	0.000128	-9.64E-07	
38	-8.70E-05	1.23E-06	-0.001485
-5.09E-05	8.77E-05	-8.12E-07	
39	-8.76E-05	-2.10E-06	-0.001727
-5.87E-05	1.14E-05	-5.08E-07	
40	-8.81E-05	-3.64E-06	-0.001560
-6.28E-05	-7.05E-05	-1.09E-07	
41	-8.84E-05	-3.12E-06	-0.001028
-6.17E-05	-0.000130	3.04E-07	
42	-8.86E-05	-6.49E-07	-0.000311
-5.30E-05	-0.000141	6.60E-07	
43	-8.86E-05	3.42E-06	0.000294
-3.54E-05	-8.35E-05	9.58E-07	
44	-8.85E-05	9.00E-06	0.000411
-1.18E-05	5.25E-05	1.29E-06	
45	-8.82E-05	1.40E-05	-5.83E-07
2.00E-06	0.000190	1.61E-06	
46	-8.80E-05	2.02E-05	-0.000905
8.68E-06	0.000323	1.88E-06	
47	-8.75E-05	2.99E-05	-0.002840
3.66E-06	0.000438	1.98E-06	
48	-8.71E-05	3.95E-05	-0.005092
-9.66E-06	0.000452	1.89E-06	

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-8.68E-05	4.85E-05	-0.007172
-2.68E-05	0.000375	1.69E-06	
50	-8.63E-05	5.63E-05	-0.008666
-4.64E-05	0.000225	1.44E-06	
51	-8.65E-05	6.27E-05	-0.009287
-6.73E-05	3.23E-05	1.14E-06	
52	-8.66E-05	6.78E-05	-0.008888
-8.73E-05	-0.000177	8.84E-07	
53	-8.68E-05	7.21E-05	-0.007454
-0.000103	-0.000376	8.64E-07	
54	-8.67E-05	7.74E-05	-0.005079
-0.000111	-0.000554	1.35E-06	
55	-8.61E-05	8.64E-05	-0.001930
-0.000106	-0.000675	2.29E-06	
56	-8.54E-05	9.33E-05	-1.85E-07
-9.71E-05	-0.000698	2.58E-06	
57	-9.32E-05	6.87E-05	-1.08E-07
-0.000102	0.000684	6.91E-07	
58	-9.34E-05	7.02E-05	-0.001886
-8.88E-05	0.000668	3.52E-07	
59	-9.31E-05	6.93E-05	-0.004989
-5.46E-05	0.000560	-6.31E-07	
60	-9.24E-05	6.44E-05	-0.007353
-1.87E-05	0.000387	-1.26E-06	
61	-9.14E-05	5.72E-05	-0.008785
1.28E-05	0.000189	-1.63E-06	
62	-9.03E-05	4.85E-05	-0.009182
3.83E-05	-2.23E-05	-1.90E-06	
63	-8.92E-05	3.87E-05	-0.008552
5.50E-05	-0.000218	-2.08E-06	
64	-8.80E-05	2.84E-05	-0.007049
6.06E-05	-0.000370	-2.08E-06	
65	-8.70E-05	1.86E-05	-0.004973
5.42E-05	-0.000446	-1.88E-06	
66	-8.61E-05	1.01E-05	-0.002754
3.79E-05	-0.000428	-1.57E-06	
67	-8.54E-05	2.97E-06	-0.000878
1.72E-05	-0.000312	-1.95E-06	
68	-8.50E-05	-1.98E-06	-3.64E-07
4.73E-06	-0.000189	-1.53E-06	
69	-8.45E-05	-7.54E-06	0.000430
-3.13E-06	-6.17E-05	-1.62E-06	
70	-8.39E-05	-1.48E-05	0.000361
-2.87E-06	7.81E-05	-1.25E-06	
71	-8.36E-05	-1.95E-05	-0.000219
6.11E-06	0.000143	-6.23E-07	
72	-8.34E-05	-2.10E-05	-0.000935
1.81E-05	0.000137	4.45E-09	
73	-8.34E-05	-1.97E-05	-0.001473
2.81E-05	7.66E-05	5.20E-07	
74	-8.36E-05	-1.61E-05	-0.001639
3.25E-05	-4.88E-06	-1.95E-07	
75	-8.38E-05	-1.06E-05	-0.001390
2.97E-05	-8.58E-05	1.26E-06	
76	-8.40E-05	-3.64E-06	-0.000842
1.98E-05	-0.000125	1.53E-06	
77	-8.42E-05	4.26E-06	-0.000244
5.64E-06	-0.000104	1.61E-06	
78	-8.44E-05	1.18E-05	8.57E-05
-8.03E-06	-1.87E-05	1.37E-06	
79	-8.45E-05	1.60E-05	-2.87E-07
-1.33E-05	7.03E-05	1.01E-06	
80	-8.46E-05	1.88E-05	-0.000403
-1.34E-05	0.000158	6.21E-07	
81	-8.46E-05	2.08E-05	-0.001409
-5.29E-06	0.000236	2.56E-07	
82	-8.46E-05	2.17E-05	-0.002623
7.02E-06	0.000241	1.16E-07	
83	-8.45E-05	2.21E-05	-0.003687
1.84E-05	0.000178	6.10E-08	
84	-8.45E-05	2.22E-05	-0.004299
2.50E-05	6.43E-05	-5.67E-09	
85	-8.44E-05	2.20E-05	-0.004299
2.50E-05	-6.43E-05	-8.28E-08	
86	-8.44E-05	2.14E-05	-0.003687
1.84E-05	-0.000178	-1.28E-07	
87	-8.44E-05	2.08E-05	-0.002623
6.98E-06	-0.000241	-1.42E-07	
88	-8.43E-05	2.00E-05	-0.001410
-5.33E-06	-0.000236	-2.20E-07	
89	-8.43E-05	1.83E-05	-0.000403
-1.35E-05	-0.000158	-5.04E-07	
90	-8.44E-05	1.61E-05	-2.87E-07
-1.34E-05	-7.03E-05	-8.25E-07	
91	-8.44E-05	1.26E-05	8.58E-05
-8.04E-06	-1.48E-05	-1.06E-06	
92	-8.46E-05	6.54E-06	-0.000244
5.66E-06	0.000104	-1.28E-06	
93	-8.47E-05	4.23E-07	-0.000841
1.98E-05	0.000125	-1.14E-06	
94	-8.49E-05	-4.57E-06	-0.001390
2.97E-05	8.58E-05	-8.51E-07	
95	-8.50E-05	-7.95E-06	-0.001639
3.25E-05	7.89E-06	-5.03E-07	
96	-8.50E-05	-9.50E-06	-0.001473
2.80E-05	-7.66E-05	-1.14E-07	
97	-8.49E-05	-8.94E-06	-0.000935
1.79E-05	-0.000137	3.51E-07	
98	-8.47E-05	-5.90E-06	-0.000219
5.70E-06	-0.000143	8.74E-07	

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-8.42E-05	-3.51E-07	0.000361
-3.58E-06	-7.81E-05	1.34E-06	
100	-8.36E-05	6.99E-06	0.000430
-4.28E-06	6.18E-05	1.57E-06	
101	-8.31E-05	1.24E-05	-3.65E-07
3.12E-06	0.000189	1.54E-06	
102	-8.26E-05	1.76E-05	-0.000878
1.58E-05	0.000313	1.47E-06	
103	-8.20E-05	2.48E-05	-0.002755
3.72E-05	0.000428	1.49E-06	
104	-8.12E-05	3.24E-05	-0.004974
5.38E-05	0.000446	1.63E-06	
105	-8.03E-05	4.06E-05	-0.007050
6.03E-05	0.000370	1.70E-06	
106	-7.94E-05	4.87E-05	-0.008553
5.48E-05	0.000218	1.60E-06	
107	-7.86E-05	5.61E-05	-0.009182
3.82E-05	2.23E-05	1.37E-06	
108	-7.78E-05	6.21E-05	-0.008786
1.27E-05	-0.000189	1.06E-06	
109	-7.72E-05	6.64E-05	-0.007353
-1.89E-05	-0.000387	6.35E-07	
110	-7.69E-05	6.79E-05	-0.004989
-5.50E-05	-0.000560	-8.44E-08	
111	-7.72E-05	6.50E-05	-0.001886
-8.96E-05	-0.000667	-1.10E-06	
112	-7.76E-05	6.11E-05	-1.09E-07
-0.000103	-0.000684	-1.57E-06	
113	-9.40E-05	7.57E-05	-2.27E-07
-3.91E-05	0.000759	2.26E-06	
114	-9.47E-05	8.17E-05	-0.002049
-1.57E-05	0.000738	2.10E-06	
115	-9.55E-05	9.03E-05	-0.005385
4.23E-05	0.000612	1.32E-06	
116	-9.57E-05	9.40E-05	-0.007889
9.57E-05	0.000424	2.00E-07	
117	-9.51E-05	9.22E-05	-0.009396
0.000137	0.000214	-9.38E-07	
118	-9.39E-05	8.51E-05	-0.009814
0.000168	-9.98E-06	-1.98E-06	
119	-9.23E-05	7.36E-05	-0.009159
0.000185	-0.000216	-2.74E-06	
120	-9.04E-05	5.87E-05	-0.007582
0.000185	-0.000380	-3.29E-06	
121	-8.86E-05	4.21E-05	-0.005378
0.000168	-0.000470	-3.46E-06	
122	-8.69E-05	2.57E-05	-0.002984
0.000135	-0.000460	-3.14E-06	
123	-8.56E-05	1.22E-05	-0.000933
9.66E-05	-0.000336	-2.30E-06	
124	-8.50E-05	5.68E-06	-7.44E-07
7.69E-05	-0.000184	-1.50E-06	
125	-8.46E-05	3.57E-06	0.000371
7.16E-05	-2.73E-05	-6.61E-07	
126	-8.45E-05	1.33E-06	0.000124
8.75E-05	0.000124	3.30E-07	
127	-8.45E-05	4.52E-06	-0.000631
0.000113	0.000182	8.92E-07	
128	-8.47E-05	9.40E-06	-0.001470
0.000138	-8.40E-05	1.03E-06	
129	-8.48E-05	1.42E-05	-0.002068
0.000154	8.98E-05	8.73E-07	
130	-8.48E-05	1.77E-05	-0.002233
0.000159	-7.96E-06	5.45E-07	
131	-8.47E-05	1.95E-05	-0.001923
0.000151	-0.000100	1.92E-07	
132	-8.45E-05	1.99E-05	-0.001251
0.000130	-0.000152	-2.79E-08	
133	-8.44E-05	1.98E-05	-0.000480
0.000100	-0.000140	4.21E-08	
134	-8.43E-05	2.09E-05	2.66E-05
6.96E-05	-4.56E-05	4.83E-07	
135	-8.43E-05	2.34E-05	-6.56E-07
5.92E-05	7.14E-05	9.43E-07	
136	-8.44E-05	2.74E-05	-0.000454
6.27E-05	0.000187	1.38E-06	
137	-8.44E-05	3.52E-05	-0.001626
8.66E-05	0.000275	1.71E-06	
138	-8.43E-05	4.34E-05	-0.003003
0.000115	0.000273	1.55E-06	
139	-8.42E-05	5.00E-05	-0.004182
0.000138	0.000197	1.07E-06	
140	-8.40E-05	5.36E-05	-0.004850
0.000151	7.07E-05	3.45E-07	
141	-8.37E-05	5.33E-05	-0.004850
0.000151	-7.07E-05	-4.36E-07	
142	-8.35E-05	4.94E-05	-0.004182
0.000138	-0.000197	-1.14E-06	
143	-8.33E-05	4.25E-05	-0.003003
0.000115	-0.000273	-1.60E-06	
144	-8.33E-05	3.43E-05	-0.001626
8.66E-05	-0.000275	-1.66E-06	
145	-8.33E-05	2.70E-05	-0.000454
6.27E-05	-0.000187	-1.25E-06	
146	-8.33E-05	2.35E-05	-6.56E-07
5.92E-05	-7.15E-05	-7.56E-07	
147	-8.33E-05	2.18E-05	2.66E-05
6.96E-05	4.55E-05	-2.34E-07	
148	-8.32E-05	2.21E-05	-0.000480
0.000100	0.000140	2.85E-07	

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-8.30E-05	2.39E-05	-0.001251
0.000130	0.000152	4.13E-07	
150	-8.28E-05	2.56E-05	-0.001923
0.000151	0.000100	2.27E-07	
151	-8.26E-05	2.59E-05	-0.002233
0.000159	7.95E-06	-1.22E-07	
152	-8.25E-05	2.44E-05	-0.002068
0.000154	-8.98E-05	4.79E-07	
153	-8.25E-05	2.14E-05	-0.001470
0.000138	-0.000164	-7.10E-07	
154	-8.26E-05	1.78E-05	-0.000631
0.000114	-0.000182	-6.66E-07	
155	-8.27E-05	1.55E-05	0.000124
8.81E-05	-0.000124	-2.10E-07	
156	-8.29E-05	1.65E-05	0.000372
7.24E-05	2.73E-05	7.04E-07	
157	-8.21E-05	2.03E-05	-7.43E-07
7.78E-05	0.000184	1.51E-06	
158	-8.16E-05	2.68E-05	-0.000933
9.73E-05	0.000336	2.28E-06	
159	-8.03E-05	4.00E-05	-0.002984
0.000136	0.000460	3.03E-06	
160	-7.87E-05	5.56E-05	-0.005378
0.000168	0.000470	3.23E-06	
161	-7.69E-05	7.08E-05	-0.007582
0.000185	0.000380	2.93E-06	
162	-7.53E-05	8.37E-05	-0.009160
0.000185	0.000216	2.29E-06	
163	-7.45E-05	9.27E-05	-0.009815
0.000168	8.94E-06	1.41E-06	
164	-7.31E-05	9.70E-05	-0.009396
0.000138	-0.000214	3.37E-07	
165	-7.29E-05	9.58E-05	-0.007889
9.60E-05	-0.000424	-8.66E-07	
166	-7.34E-05	8.86E-05	-0.005385
4.21E-05	-0.000612	-2.07E-06	
167	-7.47E-05	7.64E-05	-0.002049
-1.52E-05	-0.000738	-2.87E-06	
168	-7.57E-05	6.83E-05	-2.27E-07
-3.84E-05	-0.000759	-3.03E-06	
169	-9.14E-05	8.25E-05	-6.52E-06
-7.25E-05	-0.000487	-7.57E-06	
170	-9.08E-05	7.85E-05	-0.001892
-8.52E-05	0.000672	5.95E-05	
171	-8.95E-05	6.98E-05	-0.004976
-8.23E-05	0.000547	5.79E-05	
172	-8.83E-05	6.16E-05	-0.007315
-6.30E-05	0.000377	3.88E-05	-0.008732
173	-8.73E-05	5.35E-05	
-3.86E-05	0.000180	1.81E-05	
174	-8.64E-05	4.49E-05	-0.009124
-1.57E-05	-2.74E-05	-3.99E-06	
175	-8.55E-05	3.58E-05	-0.008503
1.73E-06	-0.000220	-2.44E-05	
176	-8.47E-05	2.65E-05	-0.007019
1.26E-05	-0.000368	-4.01E-05	
177	-8.40E-05	1.76E-05	-0.004966
1.93E-05	-0.000444	-4.82E-05	
178	-8.33E-05	9.35E-06	-0.002761
2.66E-05	-0.000424	-4.64E-05	
179	-8.27E-05	1.69E-06	-0.000882
3.69E-05	-0.000319	-3.21E-05	
180	-8.22E-05	-3.79E-06	2.90E-06
3.53E-05	-0.000187	-1.78E-05	
181	-8.19E-05	-9.08E-06	0.000428
1.60E-05	-5.14E-05	-5.88E-06	
182	-8.15E-05	-1.60E-05	0.000360
-1.23E-05	7.31E-05	7.94E-06	
183	-8.12E-05	-2.11E-05	-0.000204
-2.62E-05	0.000137	1.43E-05	
184	-8.12E-05	-2.34E-05	-0.000899
-2.63E-05	0.000129	1.31E-05	
185	-8.13E-05	-2.27E-05	-0.001422
-2.12E-05	7.23E-05	6.42E-06	
186	-8.16E-05	-1.91E-05	-0.001588
-1.69E-05	-8.49E-06	1.06E-06	
187	-8.20E-05	-1.30E-05	-0.001355
-1.50E-05	-8.31E-05	-1.11E-05	
188	-8.25E-05	-5.00E-06	-0.000827
-1.23E-05	-0.000122	-1.54E-05	
189	-8.29E-05	4.00E-06	-0.000246
-3.35E-06	-0.000100	-1.34E-05	
190	-8.32E-05	1.21E-05	8.26E-05
1.33E-05	2.63E-05	-4.06E-06	
191	-8.34E-05	1.70E-05	7.64E-08
1.89E-05	7.15E-05	5.39E-06	
192	-8.36E-05	1.97E-05	-0.000410
7.33E-06	0.000167	1.54E-05	
193	-8.37E-05	2.11E-05	-0.001421
-1.41E-05	0.000232	2.47E-05	
194	-8.38E-05	2.11E-05	-0.002623
-2.50E-05	0.000237	2.52E-05	
195	-8.39E-05	2.07E-05	-0.003669
-2.61E-05	0.000173	1.84E-05	
196	-8.41E-05	2.02E-05	-0.004269
-2.43E-05	6.28E-05	6.56E-06	
197	-8.43E-05	2.00E-05	-0.004269
-2.44E-05	-6.28E-05	-6.85E-06	
198	-8.44E-05	2.00E-05	-0.003670
-2.62E-05	-0.000173	-1.87E-05	

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-8.45E-05	2.03E-05	-0.002623
-2.50E-05	-0.000237	-2.55E-05	
200	-8.46E-05	2.03E-05	-0.001421
-1.42E-05	-0.000232	-2.51E-05	
201	-8.48E-05	1.92E-05	-0.000410
7.28E-06	-0.000167	-1.59E-05	
202	-8.49E-05	1.70E-05	2.40E-08
1.89E-05	-7.16E-05	-5.81E-06	
203	-8.51E-05	1.33E-05	8.27E-05
1.33E-05	2.62E-05	3.57E-06	
204	-8.55E-05	6.26E-06	-0.000246
-3.25E-06	0.000100	1.28E-05	
205	-8.58E-05	-9.59E-07	-0.000827
-1.22E-05	0.000122	1.48E-05	
206	-8.62E-05	-7.01E-06	-0.001354
-1.48E-05	8.31E-05	2.34E-05	
207	-8.66E-05	-1.10E-05	-0.001588
-1.67E-05	8.82E-06	2.18E-06	
208	-8.68E-05	-1.26E-05	-0.001422
-2.10E-05	-7.22E-05	-6.87E-06	
209	-8.69E-05	-1.13E-05	-0.000899
-2.61E-05	-0.000129	-1.35E-05	
210	-8.61E-05	-7.23E-06	-0.000205
-2.60E-05	-0.000137	-1.46E-05	
211	-8.64E-05	-6.89E-07	0.000358
-1.23E-05	-7.29E-05	-8.16E-06	
212	-8.59E-05	7.33E-06	0.000425
1.58E-05	5.18E-05	5.82E-06	
213	-8.56E-05	1.30E-05	-9.45E-07
3.48E-05	0.000187	1.79E-05	
214	-8.52E-05	1.82E-05	-0.000885
3.66E-05	0.000319	3.22E-05	
215	-8.48E-05	2.49E-05	-0.002763
2.65E-05	0.000424	4.66E-05	
216	-8.42E-05	3.17E-05	-0.004967
1.94E-05	0.000444	4.85E-05	
217	-8.37E-05	3.87E-05	-0.007020
1.27E-05	0.000368	4.05E-05	
218	-8.31E-05	4.58E-05	-0.008504
1.95E-06	0.000220	2.47E-05	
219	-8.25E-05	5.24E-05	-0.009124
-1.54E-05	2.74E-05	4.42E-06	
220	-8.18E-05	5.82E-05	-0.008732
-3.84E-05	-0.000180	-1.76E-05	
221	-8.11E-05	6.35E-05	-0.007316
-6.28E-05	-0.000377	-3.84E-05	
222	-8.02E-05	6.87E-05	-0.004977
-8.22E-05	-0.000547	-5.74E-05	
223	-7.92E-05	7.45E-05	-0.001894
-8.52E-05	-0.000672	-5.92E-05	
224	-7.88E-05	7.70E-05	-9.19E-06
-7.28E-05	-0.000687	-7.46E-05	
225	-9.15E-05	6.74E-05	7.65E-05
-0.000131	0.000712	7.96E-05	
226	-9.20E-05	7.10E-05	-0.001883
-7.75E-05	0.000706	6.36E-05	
227	-9.25E-05	7.32E-05	-0.005081
-1.16E-06	0.000579	6.19E-05	
228	-9.24E-05	7.16E-05	-0.007499
5.14E-05	0.000406	4.26E-05	
229	-9.18E-05	6.65E-05	-0.008959
9.01E-05	0.000201	2.13E-05	
230	-9.09E-05	5.83E-05	-0.009362
0.000118	-1.43E-05	-1.33E-06	
231	-8.98E-05	4.77E-05	-0.008721
0.000133	-0.000215	-2.23E-05	
232	-8.85E-05	3.55E-05	-0.007188
0.000132	-0.000372	-3.87E-05	
233	-8.73E-05	2.30E-05	-0.005060
0.000109	-0.000456	-4.74E-05	
234	-8.62E-05	1.16E-05	-0.002772
6.15E-05	-0.000439	-4.90E-05	
235	-8.53E-05	2.43E-06	-0.000826
2.02E-06	-0.000335	-3.15E-05	
236	-8.47E-05	-2.98E-06	7.45E-05
-2.81E-05	-0.000192	-1.63E-05	
237	-8.42E-05	-7.96E-06	0.000480
-2.17E-05	-4.24E-05	-3.30E-06	
238	-8.37E-05	-1.30E-05	0.000339
1.79E-05	9.27E-05	1.10E-05	
239	-8.35E-05	-1.47E-05	-0.000311
5.77E-05	0.000160	1.71E-05	
240	-8.35E-05	-1.38E-05	-0.001077
8.68E-05	0.000148	1.53E-05	
241	-8.36E-05	-1.11E-05	-0.001639
0.000103	8.34E-05	7.96E-06	
242	-8.38E-05	-7.48E-06	-0.001804
0.000108	-6.79E-06	-1.78E-06	
243	-8.39E-05	-3.48E-06	-0.001531
9.94E-05	-9.01E-05	-1.07E-05	
244	-8.41E-05	9.15E-07	-0.000934
7.34E-05	-0.000136	-1.56E-05	
245	-8.42E-05	5.83E-06	-0.000267
2.92E-05	-0.000117	-1.37E-05	
246	-8.43E-05	1.12E-05	0.000135
-2.18E-05	-4.02E-05	-4.20E-06	
247	-8.43E-05	1.49E-05	7.48E-05
-4.26E-05	6.92E-05	6.01E-06	
248	-8.42E-05	1.80E-05	-0.000350
-2.84E-05	0.000178	1.69E-05	

JOINT DISPLACEMENTS

TRANSL

```
    294      0.000144      8.63E-05      .000000
 6.13E-05     -0.000190     -1.50E-06
    295     -0.000158      0.000113      .000000
 6.70E-05      6.42E-05      9.43E-07
    296      1.45E-22      9.46E-05      .000000
 6.11E-05     -6.99E-05     -7.56E-07
    297     -0.000318      6.17E-05      .000000
  4.61E-05      0.000195      1.51E-06
    298      0.000748      0.000129      .000000
 6.47E-05     -0.000757     -3.03E-06
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                           9

R E S T R A I N T   F O R C E S   ( R E A C T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS, IN  LOCAL COORDINATES

 LOAD    AFTER  ------------------

   JOINT          F1            F2            F3
      M1          M2            M3
     281        .000000      28.900950     353.901781
    .000000      .000000       .000000
     282        .000000     -15.179292      1021.060
    .000000      .000000       .000000
     283        .000000      -0.275516     888.977951
    .000000      .000000       .000000
     284       1.848645      -0.621067     888.995626
    .000000      .000000       .000000
     285        .000000      -4.345410      1019.902
    .000000      .000000       .000000
     286        .000000      33.213276     353.573791
    .000000      .000000       .000000
     287        .000000     -27.402209     206.747400
    .000000      .000000       .000000
     288        .000000      12.456471     636.344497
    .000000      .000000       .000000
     289        .000000       1.633729     502.470165
    .000000      .000000       .000000
     290      -0.444410       1.183508     502.392611
    .000000      .000000       .000000
     291        .000000       2.309646     639.198631
    .000000      .000000       .000000
     292        .000000     -31.959953     207.775437
    .000000      .000000       .000000
     293        .000000       .000000     434.036022
    .000000      .000000       .000000
     294        .000000       .000000      1302.418
    .000000      .000000       .000000
     295        .000000       .000000      1148.796
    .000000      .000000       .000000
     296       0.273861       .000000      1148.808
    .000000      .000000       .000000
     297        .000000       .000000      1300.680
    .000000      .000000       .000000
     298        .000000       .000000     433.369397
    .000000      .000000       .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          10

G L O B A L   F O R C E   B A L A N C E

 TOTAL FORCE AND MOMENT AT THE ORIGIN, IN GLOBAL COORDINATES

 LOAD    AFTER  ------------------

              FX            FY            FZ
     MX           MY            MZ
APPLIED    -2.04E-31     -1.53E-29    -12989.449
 12472.510     1.6704E+06    -2.12E-27
REACTNS              -1.53E-09              8.46E-11
12989.449              -12472.510     -1.6704E+06
-1.73E-07

   TOTAL     -1.53E-09     -8.46E-11      2.31E-10
 -9.99E-10     -2.12E-08     -1.73E-07
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          11

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM        1 ================== LENGTH
=      2.768596

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -4.768941    -325.312993      9.723484
-109.266077     3.512252     -3.738057
 0.25000     -4.768941    -315.352968      9.723484
-100.709039     3.217849     217.980113
 0.50000     -4.768941    -305.392943      9.723484
-92.152000     -9.947949     432.804460
 0.75000     -4.768941    -295.432918      9.723484
-83.594961     -16.678049    640.734986
 1.00000     -4.768941    -285.472894      9.723484
-75.037922     -23.408150    841.771690

 ELEM        2 ================== LENGTH
=      4.987313

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -6.420533    -265.580582     -0.402175
-129.465522     -19.498176    841.942269
 0.25000     -6.420533    -247.638723     -0.402175
-114.050984     -18.996733    1161.890
 0.50000     -6.420533    -229.696865     -0.402175
-98.636447     -18.495290    1459.468
 0.75000     -6.420533    -211.755007     -0.402175
-83.221910     -17.993848    1734.675
 1.00000     -6.420533    -193.813149     -0.402175
-67.807372     -17.492405    1987.512

 ELEM        3 ================== LENGTH
=      4.987261

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -7.585482    -185.271045     -2.107729
-98.047399     -14.679033    1987.759
 0.25000     -7.585482    -167.329375     -2.107729
-82.633023     -12.051085    2207.573
 0.50000     -7.585482    -149.387705     -2.107729
-67.218647     -9.423137     2405.017
 0.75000     -7.585482    -131.446036     -2.107729
-51.804272     -6.795189     2580.091
 1.00000     -7.585482    -113.504366     -2.107729
-36.389896     -4.167241     2732.795

 ELEM        4 ================== LENGTH
=      4.987335

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -8.378624    -106.878481     -1.165432
-68.589772     -2.263448     2732.956
 0.25000     -8.378624     -88.936542     -1.165432
-53.175166     -0.810348     2855.030
 0.50000     -8.378624     -70.994603     -1.165432
-37.760559     0.642751      2954.734
 0.75000     -8.378624     -53.052664     -1.165432
-22.345952     2.095851      3032.067
 1.00000     -8.378624     -35.110725     -1.165432
 -6.931345     3.548950      3087.030

 ELEM        5 ================== LENGTH
=      4.988640

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -8.750193     -27.678861     -0.273611
-46.417048     4.445456      3087.113
 0.25000     -8.750193     -9.732228      -0.273611
-30.998409     4.786692      3110.442
 0.50000     -8.750193     8.214404       -0.273611
-15.579770     5.127929      3111.388
 0.75000     -8.750193     26.161037      -0.273611
 -0.161130     5.469165      3089.952
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          12

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST           P            V2            V3
        T           M2            M3
 1.00000     -8.750193     44.107670      -0.273611
15.257509     5.810402      3046.134

 ELEM        6 ================== LENGTH
=      4.986975

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -8.688975     51.919541      0.001220
-27.090375     5.665229      3046.151
 0.25000     -8.688975     69.860185      0.001220
-11.676980     5.663708      2970.237
 0.50000     -8.688975     87.800829      0.001220
  3.736614     5.662187      2871.956
 0.75000     -8.688975     105.741473     0.001220
 19.150108     5.660666      2751.307
 1.00000     -8.688975     123.682117     0.001220
 34.563603     5.659145      2608.291

 ELEM        7 ================== LENGTH
=      4.987426

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -8.232678     130.439300     -0.174274
 -4.918579     4.557637      2608.277
 0.25000     -8.232678     148.381565     -0.174274
 10.496308     4.774931      2434.452
 0.50000     -8.232678     166.323830     -0.174274
 25.911195     4.992225      2238.256
 0.75000     -8.232678     184.266095     -0.174274
 41.326082     5.209520      2019.688
 1.00000     -8.232678     202.208360     -0.174274
 56.740969     5.426814      1778.749

 ELEM        8 ================== LENGTH
=      4.988004

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -7.472402     207.544561     -0.328239
 22.788817     3.586085      1778.669
 0.25000     -7.472402     225.488904     -0.328239
 38.205489     3.995400      1508.672
 0.50000     -7.472402     243.433247     -0.328239
 53.622162     4.404715      1216.299
 0.75000     -7.472402     261.377590     -0.328239
 69.038834     4.814030      901.549494
 1.00000     -7.472402     279.321933     -0.328239
 84.455506     5.223345      564.423097

 ELEM        9 ================== LENGTH
=      4.987712

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -6.559223     285.962681      0.206398
 49.377371     3.013184      564.226086
 0.25000     -6.559223     303.905976      0.206398
 64.793143     2.755820      196.464198
 0.50000     -6.559223     321.849271      0.206398
 80.208914     2.498457     -193.671686
 0.75000     -6.559223     339.792565      0.206398
 95.624686     2.241093     -606.181569
 1.00000     -6.559223     357.735860      0.206398
111.040457     1.983729     -1041.065

 ELEM       10 ================== LENGTH
=      4.987631

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -5.679537     373.287809      2.143822
 52.986503     -0.133737     -1041.331
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          13

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST           P            V2            V3
        T           M2            M3
 0.25000     -5.679537     391.230811      2.143822
 68.402023     -2.806886     -1517.973
 0.50000     -5.679537     409.173813      2.143822
 83.817543     -5.480034     -2016.989
 0.75000     -5.679537     427.116815      2.143822
 99.233063     -8.153182     -2538.377
 1.00000     -5.679537     445.059817      2.143822
114.648583     -10.826330    -3082.139

 ELEM       11 ================== LENGTH
=      3.491086

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -4.974359     475.752236      5.745854
 11.762075     -12.466823    -3082.354
 0.25000     -4.974359     488.311419      5.745854
 22.552150     -17.481640    -3583.057
 0.50000     -4.974359     500.870602      5.745854
 33.342225     -22.496458    -3934.722
 0.75000     -4.974359     513.429785      5.745854
 44.132301     -27.511276    -4377.348
 1.00000     -4.974359     525.988969      5.745854
 54.922376     -32.526094    -4830.936

 ELEM       12 ================== LENGTH
=      3.491148

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.884657     -458.732148     -5.268378
-49.325879     -33.539660    -4828.882
 0.25000     -2.884657     -446.172741     -5.268378
-38.535612     -28.941488    -4433.987
 0.50000     -2.884657     -433.613335     -5.268378
-27.745345     -24.343315    -4050.054
 0.75000     -2.884657     -421.053929     -5.268378
-16.955078     -19.745142    -3677.083
 1.00000     -2.884657     -408.494522     -5.268378
 -6.164811     -15.146970    -3315.073

 ELEM       13 ================== LENGTH
=      4.987936

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.782571     -377.905554     -1.748154
-108.817748     -15.419369    -3314.760
 0.25000     -2.782571     -359.961454     -1.748154
-93.401284     -13.239449    -2854.706
 0.50000     -2.782571     -342.017354     -1.748154
-77.984821     -11.059529    -2417.027
 0.75000     -2.782571     -324.073254     -1.748154
-62.568358     -8.879609     -2001.725
 1.00000     -2.782571     -306.129154     -1.748154
-47.151894     -6.699689     -1608.799

 ELEM       14 ================== LENGTH
=      4.988128

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.948594     -290.860282     0.186363
-106.591776     -6.301102     -1608.407
 0.25000     -2.948594     -272.915492     0.186363
-91.174720     -6.533502     -1256.884
 0.50000     -2.948594     -254.970703     0.186363
-75.757664     -6.765903     -927.738496
 0.75000     -2.948594     -237.025914     0.186363
-60.340609     -6.998303     -620.970752
 1.00000     -2.948594     -219.081124     0.186363
-44.923553     -7.230704     -336.580733
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          14

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM       15 ================== LENGTH
=      4.987643

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.227330     -212.905658     0.665211
-81.040196     -6.547849     -336.337048
 0.25000     -3.227330     -194.962612     0.665211
-65.624638     -7.377308     -82.049376
 0.50000     -3.227330     -177.019566     0.665211
-50.209080     -8.206767     149.864918
 0.75000     -3.227330     -159.076520     0.665211
-34.793522     -9.036226     359.405835
 1.00000     -3.227330     -141.133474     0.665211
-19.377964     -9.865685     546.573374

 ELEM       16 ================== LENGTH
=      4.987093

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.476006     -136.605383     0.321143
-54.088143     -9.254856     546.715712
 0.25000     -3.476006     -118.664316     0.321143
-38.674285     -9.655248     705.847429
 0.50000     -3.476006     -100.723249     0.321143
-23.260427     -10.055640    842.610704
 0.75000     -3.476006     -82.782181      0.321143
 -7.846569     -10.456033    957.005535
 1.00000     -3.476006     -64.841114      0.321143
  7.567288     -10.856425    1049.032

 ELEM       17 ================== LENGTH
=      4.987729

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.590486     -59.601493      -0.292848
-31.084624     -10.578462    1049.077
 0.25000     -3.590486     -41.658137      -0.292848
-15.668800     -10.213301    1112.309
 0.50000     -3.590486     -23.714781      -0.292848
 -0.252976     -9.848140     1152.967
 0.75000     -3.590486     -5.771426       -0.292848
 15.162848     -9.482979     1171.351
 1.00000     -3.590486     12.171930       -0.292848
 30.578672     -9.117817     1167.360

 ELEM       18 ================== LENGTH
=      4.987492

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.522990     17.529371       -0.829313
 -7.885306     -9.288359     1167.315
 0.25000     -3.522990     35.471875       -0.829313
  7.529786     -8.254310     1134.272
 0.50000     -3.522990     53.414379       -0.829313
 22.944878     -7.220262     1078.858
 0.75000     -3.522990     71.356882       -0.829313
 38.359970     -6.186213     1001.071
 1.00000     -3.522990     89.299386       -0.829313
 53.775062     -5.152164     900.911596

 ELEM       19 ================== LENGTH
=      4.987423

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.288064     94.157259       -1.065692
 19.436818     -1.743438     900.766440
 0.25000     -3.288064     112.099513      -1.065692
 34.851696     -4.404673     772.180217
 0.50000     -3.288064     130.041768      -1.065692
 50.266574     -3.075909     621.222591
 0.75000     -3.288064     147.984022      -1.065692
 65.681451     -1.747144     447.893560
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          15

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST           P            V2            V3
        T           M2            M3
 1.00000     -3.288064     165.926277      -1.065692
 81.096329     -0.418380     252.193127

 ELEM       20 ================== LENGTH
=      4.988395

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.964418     172.784882      -0.859067
 45.786561     -1.216001     251.917012
 0.25000     -2.964418     190.730631      -0.859067
 61.204442     -0.144659     25.247158
 0.50000     -2.964418     208.676381      -0.859067
 76.622323     0.926682      -223.802817
 0.75000     -2.964418     226.622131      -0.859067
 92.040203     1.998024      -495.232912
 1.00000     -2.964418     244.567880      -0.859067
107.458084     3.069365      -789.043127

 ELEM       21 ================== LENGTH
=      4.987567

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.673054     260.752603      -0.361126
 50.130644     2.354275      -789.387466
 0.25000     -2.673054     278.695375      -0.361126
 65.545967     2.804560      -1125.704
 0.50000     -2.673054     296.638148      -0.361126
 80.961290     3.254845      -1484.393
 0.75000     -2.673054     314.580920      -0.361126
 96.376613     3.705130      -1865.455
 1.00000     -2.673054     332.523693      -0.361126
111.791936     4.155415      -2268.890

 ELEM       22 ================== LENGTH
=      3.491348

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.549345     363.942840      -0.095617
 11.941265     3.858900      -2269.198
 0.25000     -2.549345     376.502964      -0.095617
 22.732148     3.942358      -2592.342
 0.50000     -2.549345     389.063087      -0.095617
 33.523031     4.025816      -2926.449
 0.75000     -2.549345     401.623211      -0.095617
 44.313914     4.109274      -3271.519
 1.00000     -2.549345     414.183334      -0.095617
 55.104797     4.192732      -3627.552

 ELEM       23 ================== LENGTH
=      3.491011

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.657842     -438.060633     -0.360354
-63.244105     4.462238      -3627.546
 0.25000     -2.657842     -425.501721     -0.360354
-52.454264     4.776738      -3250.708
 0.50000     -2.657842     -412.942810     -0.360354
-41.664423     5.091238      -2884.831
 0.75000     -2.657842     -400.383899     -0.360354
-30.874581     5.405738      -2529.914
 1.00000     -2.657842     -387.824988     -0.360354
-20.084740     5.720237      -2185.958

 ELEM       24 ================== LENGTH
=      4.988003

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -2.996375     -356.456418     -0.077568
-118.806493     6.523714      -2185.684
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          16

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST           P            V2            V3
        T           M2            M3
 0.25000     -2.996375     -338.512079     -0.077568
-103.389824     6.620441      -1752.371
 0.50000     -2.996375     -320.567740     -0.077568
-87.973156     6.717168      -1341.434
 0.75000     -2.996375     -302.623401     -0.077568
-72.556487     6.813895      -952.874279
 1.00000     -2.996375     -284.679062     -0.077568
-57.139818     6.910622      -586.691010

 ELEM       25 ================== LENGTH
=      4.987564

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.475123     -268.505470     0.422970
-113.603099     8.074034      -586.335737
 0.25000     -3.475123     -250.562709     0.422970
-98.187785     7.546637      -262.725021
 0.50000     -3.475123     -232.619948     0.422970
-82.772472     7.019240      38.513028
 0.75000     -3.475123     -214.677186     0.422970
-67.357159     6.491843      317.378409
 1.00000     -3.475123     -196.734425     0.422970
-51.941846     5.964445      573.871124

 ELEM       26 ================== LENGTH
=      4.987251

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -3.961907     -189.819722     0.646897
-85.879106     7.150735      574.142310
 0.25000     -3.961907     -171.878088     0.646897
-70.464761     6.344226      799.627014
 0.50000     -3.961907     -153.936453     0.646897
-55.050416     5.537666      1002.742
 0.75000     -3.961907     -135.994819     0.646897
-39.636071     4.731107      1183.487
 1.00000     -3.961907     -118.053185     0.646897
-24.221726     3.924548      1341.862

 ELEM       27 ================== LENGTH
=      4.988063

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -4.317120     -113.150870     0.461420
-56.395095     4.792625      1342.007
 0.25000     -4.317120     -95.206315      0.461420
-40.978240     4.217227      1471.920
 0.50000     -4.317120     -77.261760      0.461420
-25.561385     3.641829      1579.455
 0.75000     -4.317120     -59.317204      0.461420
-10.144531     3.066431      1664.613
 1.00000     -4.317120     -41.372649      0.461420
  5.272324     2.491033      1727.394

 ELEM       28 ================== LENGTH
=      4.987000

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -4.444081     -35.893915      0.047038
-30.871711     2.801985      1727.433
 0.25000     -4.444081     -17.953183      0.047038
-15.458141     2.743341      1761.000
 0.50000     -4.444081     -0.012450       0.047038
 -0.044571     2.684696      1772.199
 0.75000     -4.444081     17.928282       0.047038
 15.368999     2.626052      1761.031
 1.00000     -4.444081     35.869015       0.047038
 30.782570     2.567407      1727.495
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT

                                        Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                          17

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM       29 ================== LENGTH
=      4.988063

 LOAD    AFTER  ------------------

 REL DIST           P            V2            V3
        T           M2            M3
 0.00000     -4.311673     41.345483       -0.367186
 -5.353824     2.244705      1727.457
 0.25000     -4.311673     59.290038       -0.367186
 10.063030     2.702592      1664.710
 0.50000     -4.311673     77.234593       -0.367186
 25.479685     3.160479      1579.586
 0.75000     -4.311673     95.179149       -0.367186
 40.896739     3.618366      1472.085
 1.00000     -4.311673     113.123704      -0.367186
 56.313594     4.076253      1342.206
```

ELEM 30 ========== LENGTH = 4.987251

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.950209	118.017512	-0.550676
24.168023	3.194509	1342.062	
0.25000	-3.950209	135.959146	-0.550676
39.582367	3.881098	1183.731	
0.50000	-3.950209	153.900780	-0.550676
54.996712	4.567688	1003.031	
0.75000	-3.950209	171.842414	-0.550676
70.411057	5.254277	799.960327	
1.00000	-3.950209	189.784049	-0.550676
85.825402	5.940866	574.520101	

ELEM 31 ========== LENGTH = 4.987564

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.455548	196.679312	-0.319212
51.949919	4.737026	574.250071	
0.25000	-3.455548	214.622073	-0.319212
67.365232	5.135049	317.826077	
0.50000	-3.455548	232.564834	-0.319212
82.780546	5.533072	39.029416	
0.75000	-3.455548	250.507595	-0.319212
98.195859	5.931095	-262.139912	
1.00000	-3.455548	268.450357	-0.319212
113.611172	6.329118	-585.681908	

ELEM 32 ========== LENGTH = 4.988003

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.966489	284.591988	0.197070
57.249618	5.142498	-586.036092	
0.25000	-2.966489	302.536327	0.197070
72.666287	4.896751	-952.110780	
0.50000	-2.966489	320.480666	0.197070
88.082955	4.651005	-1340.562	
0.75000	-2.966489	338.425005	0.197070
103.499624	4.405258	-1751.390	
1.00000	-2.966489	356.369344	0.197070
118.916293	4.159512	-2184.594	

ELEM 33 ========== LENGTH = 3.491011

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.613561	387.718064	0.502381
20.265983	3.323390	-2184.868	
0.25000	-2.613561	400.276975	0.502381
31.055825	2.884936	-2528.730	
0.50000	-2.613561	412.835886	0.502381
41.845666	2.446481	-2883.553	
0.75000	-2.613561	425.394797	0.502381
52.635508	2.008027	-3249.337	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 18

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-2.613561	437.953708	0.502381
63.425349	1.569572	-3626.082	

ELEM 34 ========== LENGTH = 3.491348

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.328701	-414.262401	-0.083677
-54.627295	1.258454	-3628.297	
0.25000	-4.328701	-401.702277	-0.083677
-43.836412	1.331491	-3272.195	
0.50000	-4.328701	-389.142154	-0.083677
-33.045529	1.404527	-2927.056	
0.75000	-4.328701	-376.582031	-0.083677
-22.254646	1.477564	-2592.880	
1.00000	-4.328701	-364.021907	-0.083677
-11.463763	1.550601	-2269.666	

ELEM 35 ========== LENGTH = 4.987567

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.434489	-332.559324	0.202149
-111.421740	1.803133	-2269.358	
0.25000	-4.434489	-314.616552	0.202149
-96.006417	1.551075	-1865.879	
0.50000	-4.434489	-296.673780	0.202149
-80.591094	1.299017	-1484.772	
0.75000	-4.434489	-278.731007	0.202149
-65.175771	1.046958	-1126.038	
1.00000	-4.434489	-260.788235	0.202149
-49.760448	0.794900	-789.677378	

ELEM 36 ========== LENGTH = 4.988395

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.707564	-244.578174	0.714695
-107.125791	1.464339	-789.331989	
0.25000	-4.707564	-226.632424	0.714695
-91.707910	0.573044	-495.508936	
0.50000	-4.707564	-208.686675	0.714695
-76.290029	-0.318252	-224.066004	
0.75000	-4.707564	-190.740925	0.714695
-60.872148	-1.209547	24.996808	
1.00000	-4.707564	-172.795175	0.714695
-45.454268	-2.100843	251.679499	

ELEM 37 ========== LENGTH = 4.987423

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.012306	-165.926645	0.934203
-80.739037	-1.350429	251.956644	
0.25000	-5.012306	-147.983390	0.934203
-65.324159	-2.515246	447.656290	
0.50000	-5.012306	-130.041136	0.934203
-49.909281	-3.680063	620.984532	
0.75000	-5.012306	-112.098881	0.934203
-34.494403	-4.844879	771.941371	
1.00000	-5.012306	-94.156627	0.934203
-19.079526	-6.009696	900.526806	

ELEM 38 ========== LENGTH = 4.987492

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.228621	-89.296566	0.723491
-53.340596	-5.474699	900.672820	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.228621	-71.354063	0.723491
-37.925504	-6.376800	1000.828	
0.50000	-5.228621	-53.411559	0.723491
-22.510412	-7.278902	1078.612	
0.75000	-5.228621	-35.469055	0.723491
-7.095320	-8.181003	1134.023	
1.00000	-5.228621	-17.526551	0.723491
8.319772	-9.083104	1167.063	

ELEM 39 ========== LENGTH = 4.987729

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.278634	-12.169375	0.251056
-30.020909	-8.955795	1167.107	
0.25000	-5.278634	5.773980	0.251056
-14.605086	-9.268845	1171.095	
0.50000	-5.278634	23.717336	0.251056
0.810738	-9.581894	1152.708	
0.75000	-5.278634	41.660691	0.251056
16.226562	-9.894943	1111.947	
1.00000	-5.278634	59.604047	0.251056
31.642386	-10.207992	1048.812	

ELEM 40 ========== LENGTH = 4.987093

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.148051	64.843248	-0.251649
-6.825138	-10.524944	1048.766	
0.25000	-5.148051	82.784315	-0.251649
8.588720	-10.211195	956.736481	
0.50000	-5.148051	100.725382	-0.251649
24.002578	-9.897446	842.338990	
0.75000	-5.148051	118.666449	-0.251649
39.416436	-9.583696	705.573055	
1.00000	-5.148051	136.607516	-0.251649
54.830293	-9.269947	546.438678	

ELEM 41 ========== LENGTH = 4.987643

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.884133	141.134940	-0.511494
20.412634	-9.916365	546.293739	
0.25000	-4.884133	159.077986	-0.511494
35.828192	-9.278577	359.124372	
0.50000	-4.884133	177.021032	-0.511494
51.243750	-8.640790	149.581627	
0.75000	-4.884133	194.964079	-0.511494
66.659308	-8.003002	-82.334496	
1.00000	-4.884133	212.907125	-0.511494
82.074866	-7.365215	-336.623997	

ELEM 42 ========== LENGTH = 4.988128

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.590512	219.071877	-0.267169
46.488636	-8.083606	-336.871641	
0.25000	-4.590512	237.012927	-0.267169
61.905692	-7.750438	-621.250129	
0.50000	-4.590512	254.961456	-0.267169
77.322748	-7.417271	-928.006342	
0.75000	-4.590512	272.906246	-0.267169
92.739803	-7.084103	-1257.140	
1.00000	-4.590512	290.851035	-0.267169
108.156859	-6.750935	-1608.652	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 20

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 43 ========== LENGTH = 4.987936

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.411727	306.047794	0.529004
49.810798	-7.187031	-1609.052	
0.25000	-4.411727	323.991894	0.529004
65.227261	-7.846690	-2081.877	
0.50000	-4.411727	341.935994	0.529004
80.643724	-8.506349	-2417.078	
0.75000	-4.411727	359.880094	0.529004
96.060188	-9.166009	-2854.655	
1.00000	-4.411727	377.824194	0.529004
111.476651	-9.825668	-3314.607	

ELEM 44 ========== LENGTH = 3.491148

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.510522	408.207510	1.473275
10.942865	-9.581897	-3314.933	
0.25000	-4.510522	420.766916	1.473275
21.733132	-10.867752	-3676.692	
0.50000	-4.510522	433.326323	1.473275
32.523399	-12.153608	-4049.413	
0.75000	-4.510522	445.885729	1.473275
43.313666	-13.439463	-4433.096	
1.00000	-4.510522	458.445135	1.473275
54.103932	-14.725318	-4827.740	

ELEM 45 ========== LENGTH = 3.491086

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.058595	-525.534153	-1.992862
-59.844081	-13.706999	-4827.942	
0.25000	-5.058595	-512.974950	-1.992862
-49.054006	-11.967685	-4374.751	
0.50000	-5.058595	-500.415767	-1.992862
-38.263931	-10.228372	-3932.522	
0.75000	-5.058595	-487.856584	-1.992862
-27.473856	-8.489059	-3501.254	
1.00000	-5.058595	-475.297401	-1.992862
-16.683781	-6.749746	-3080.947	

ELEM 46 ========== LENGTH = 4.987631

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.769667	-444.865651	-0.968126
-117.280739	-5.073340	-3080.719	
0.25000	-5.769667	-426.922649	-0.968126
-101.865219	-3.866177	-2537.200	
0.50000	-5.769667	-408.979647	-0.968126
-86.449699	-2.659013	-2016.053	
0.75000	-5.769667	-391.036645	-0.968126
-71.034179	-1.451850	-1517.280	
1.00000	-5.769667	-373.093644	-0.968126
-55.618659	-0.244687	-1040.880	

ELEM 47 ========== LENGTH = 4.987712

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.664621	-357.664797	-0.172656
-112.413156	1.915372	-1040.607	
0.25000	-6.664621	-339.721503	-0.172656
-96.997385	2.130662	-605.811405	
0.50000	-6.664621	-321.778208	-0.172656
-81.581613	2.345951	-193.390132	
0.75000	-6.664621	-303.834913	-0.172656
-66.165842	2.561241	196.657142	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 21

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-6.664621	-285.891619	-0.172656
-50.750070	2.776531	564.330420	

ELEM 48 ========== LENGTH = 4.988004

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.594885	-279.288063	0.122053
-85.191571	5.026256	564.530480	
0.25000	-7.594885	-261.343720	0.122053
-69.774899	4.874055	901.614641	
0.50000	-7.594885	-243.399377	0.122053
-54.358226	4.721854	1216.322	
0.75000	-7.594885	-225.455034	0.122053
-38.941554	4.569654	1508.653	
1.00000	-7.594885	-207.510691	0.122053
-23.524882	4.417453	1778.607	

ELEM 49 ========== LENGTH = 4.987426

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.372742	-202.185100	0.049749
-57.105149	6.298156	1778.688	
0.25000	-8.372742	-184.242835	0.049749
-41.690262	6.236127	2019.598	
0.50000	-8.372742	-166.300570	0.049749
-26.275375	6.174097	2238.137	
0.75000	-8.372742	-148.358305	0.049749
-10.860488	6.112067	2434.304	
1.00000	-8.372742	-130.416040	0.049749
4.554398	6.050037	2608.100	

ELEM 50 ========== LENGTH = 4.986975

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.848097	-123.665132	0.017487
-34.651397	7.196497	2608.112	
0.25000	-8.848097	-105.724488	0.017487
-19.237903	7.174695	2751.107	
0.50000	-8.848097	-87.783843	0.017487
-3.824409	7.152893	2871.735	
0.75000	-8.848097	-69.843199	0.017487
11.589086	7.131092	2969.995	
1.00000	-8.848097	-51.902555	0.017487
27.002580	7.109290	3045.888	

ELEM 51 ========== LENGTH = 4.987646

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.930658	-44.089223	0.438727
-15.049269	7.306529	3045.868	
0.25000	-8.930658	-26.146167	0.438727
0.366298	6.759476	3089.656	
0.50000	-8.930658	-8.203110	0.438727
15.781865	6.212423	3111.072	
0.75000	-8.930658	9.739947	0.438727
31.197432	5.665369	3110.113	
1.00000	-8.930658	27.683003	0.438727
46.612999	5.118316	3086.782	

ELEM 52 ========== LENGTH = 4.988329

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.582053	35.113976	1.520079
7.239009	4.279993	3086.713	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 22

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-8.582053	53.059489	1.520079
22.656686	2.384330	3031.734	
0.50000	-8.582053	71.005002	1.520079
38.074363	0.488667	2954.374	
0.75000	-8.582053	88.950516	1.520079
53.492041	-1.406997	2854.636	
1.00000	-8.582053	106.896029	1.520079
68.909718	-3.302660	2732.517	

ELEM 53 ========== LENGTH = 4.987261

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.811912	113.524910	2.598694
37.082409	-5.146908	2732.348	
0.25000	-7.811912	131.466580	2.598694
52.496785	-3.837900	2579.619	
0.50000	-7.811912	149.408250	2.598694
67.911161	-11.627091	2404.519	
0.75000	-7.811912	167.349920	2.598694
83.325536	-14.867183	2207.050	
1.00000	-7.811912	185.291590	2.598694
98.739912	-18.107274	1987.211	

ELEM 54 ========== LENGTH = 4.987313

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.667220	193.814868	0.571202
69.083490	-20.868481	1986.955	
0.25000	-6.667220	211.756726	0.571202
84.498028	-21.580672	1734.116	
0.50000	-6.667220	229.698584	0.571202
99.912565	-22.292864	1458.907	
0.75000	-6.667220	247.640442	0.571202
115.327102	-23.005055	1161.327	
1.00000	-6.667220	265.582300	0.571202
130.741640	-23.717246	841.376670	

ELEM 55 ========== LENGTH = 2.768596

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.033579	285.367572	-11.218956
77.642486	-27.581592	841.177481	
0.25000	-5.033579	295.327596	-11.218956
86.199525	-19.816402	640.213675	
0.50000	-5.033579	305.287621	-11.218956
94.756564	-12.051212	432.356048	
0.75000	-5.033579	315.247646	-11.218956
103.313603	-4.286022	217.604599	
1.00000	-5.033579	325.207671	-11.218956
111.870641	3.479168	-4.040672	

ELEM 56 ========== LENGTH = 2.751480

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.061422	-285.389815	-8.049932
93.028173	6.712647	1.817311	
0.25000	2.061422	-277.966322	-8.049932
93.287500	12.249954	195.575201	
0.50000	2.061422	-270.542829	-8.049932
93.546827	17.787261	384.226094	
0.75000	2.061422	-263.119336	-8.049932
93.806154	23.324568	567.771788	
1.00000	2.061422	-255.695843	-8.049932
94.065481	28.861875	746.210485	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 23

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 57 ========== LENGTH = 4.958041

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.000992	-274.033742	3.164878
100.795428	36.515846	745.364506	
0.25000	2.000992	-260.656948	3.164878
101.262723	32.592948	1076.742	
0.50000	2.000992	-247.280154	3.164878
101.730019	28.670049	1391.538	
0.75000	2.000992	-233.903359	3.164878
102.197314	24.747151	1689.754	
1.00000	2.000992	-220.526565	3.164878
102.664609	20.824252	1971.390	

ELEM 58 ========== LENGTH = 4.957991

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.970372	-196.458987	3.278751
78.889212	26.687471	1970.577	
0.25000	1.970372	-183.082328	3.278751
79.356502	22.623466	2205.798	
0.50000	1.970372	-169.705668	3.278751
79.823793	18.559462	2424.438	
0.75000	1.970372	-156.329009	3.278751
80.291084	14.495457	2626.497	
1.00000	1.970372	-142.952350	3.278751
80.758374	10.431452	2811.976	

ELEM 59 ========== LENGTH = 4.958182

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.938623	-108.808592	1.484887
47.414123	14.644484	2811.442	
0.25000	1.938623	-95.431416	1.484887
47.881432	12.803899	2925.024	
0.50000	1.938623	-82.054240	1.484887
48.348741	10.963313	3048.025	
0.75000	1.938623	-68.677064	1.484887
48.816049	9.122727	3141.444	
1.00000	1.938623	-55.299888	1.484887
49.283358	7.282142	3218.282	

ELEM 60 ========== LENGTH = 4.957498

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.899859	-20.266013	0.595749
12.039848	9.454595	3218.008	
0.25000	1.899859	-6.890684	0.595749
12.507092	8.716240	3234.836	
0.50000	1.899859	6.484645	0.595749
12.974336	7.977884	3235.088	
0.75000	1.899859	19.859974	0.595749
13.441581	7.239529	3218.762	
1.00000	1.899859	33.235303	0.595749
13.908825	6.501174	3185.860	

ELEM 61 ========== LENGTH = 4.957717

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.859770	67.434570	0.531622
-21.571584	6.498295	3185.882	
0.25000	1.859770	80.810498	0.531622
-21.104319	5.839386	3094.012	
0.50000	1.859770	94.186418	0.531622
-20.637054	5.180478	2985.564	
0.75000	1.859770	107.562338	0.531622
-20.169789	4.521570	2860.538	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 24

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	1.859770	120.938259	0.531622
-19.702524	3.862662	2718.932	

ELEM 62 ========== LENGTH = 4.958271

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.819979	154.878916	0.660785
-52.906564	1.842936	2719.272	
0.25000	1.819979	168.256332	0.660785
-52.439247	1.023848	2518.998	
0.50000	1.819979	181.633748	0.660785
-51.971930	0.204759	2302.142	
0.75000	1.819979	195.011165	0.660785
-51.504613	-0.614329	2068.704	
1.00000	1.819979	208.388581	0.660785
-51.037296	-1.433417	1818.683	

ELEM 63 ========== LENGTH = 4.957948

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.780237	240.100246	0.384879
-76.344157	-5.017988	1819.204	
0.25000	1.780237	253.476791	0.384879
-75.876870	-5.495040	1513.312	

0.50000 1.780237 266.853336 0.384879
-75.409583 -5.972093 1190.841
0.75000 1.780237 280.229880 0.384879
-74.942297 -6.449146 851.789791
1.00000 1.780237 293.606425 0.384879
-74.475010 -6.926199 496.158445

ELEM 64 ========== LENGTH = 4.957564

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.732593 313.744420 -0.708560
-83.694321 -11.323517 496.854911
0.25000 1.732593 327.119929 -0.708560
-83.227071 -10.445334 99.714132
0.50000 1.732593 340.495437 -0.708560
-82.759821 -9.567152 -314.004132
0.75000 1.732593 353.870946 -0.708560
-82.292570 -8.688969 -744.299883
1.00000 1.732593 367.246454 -0.708560
-81.825320 -7.810787 -1191.173

ELEM 65 ========== LENGTH = 4.958481

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.680649 358.629070 -2.669871
-67.030265 -12.037469 -1190.555
0.25000 1.680649 372.007053 -2.669871
-66.562928 -8.727843 -1643.411
0.50000 1.680649 385.385036 -2.669871
-66.095591 -5.418217 -2112.850
0.75000 1.680649 398.763018 -2.669871
-65.628254 -2.108591 -2598.873
1.00000 1.680649 412.141001 -2.669871
-65.160917 1.201035 -3101.480

ELEM 66 ========== LENGTH = 3.470073

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.623926 355.867793 -4.911267
-23.285952 -2.030910 -3101.083
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
25

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 1.623926 365.230051 -4.911267
-22.958898 -2.229704 -3413.866
0.50000 1.623926 374.592309 -4.911267
-22.631843 6.490318 -3734.771
0.75000 1.623926 383.954568 -4.911267
-22.304789 10.750933 -4063.798
1.00000 1.623926 393.316826 -4.911267
-21.977735 15.011547 -4400.946

ELEM 67 ========== LENGTH = 3.471054

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.938597 -324.877294 5.033932
17.129942 13.053793 -4401.631
0.25000 0.938597 -315.512390 5.033932
17.457088 8.685531 -4123.778
0.50000 0.938597 -306.147485 5.033932
17.784235 4.317268 -3854.051
0.75000 0.938597 -296.782581 5.033932
18.111382 -0.050994 -3592.450
1.00000 0.938597 -287.417677 5.033932
18.438529 -4.419256 -3338.977

ELEM 68 ========== LENGTH = 4.957870

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.923234 -343.913288 2.679616
60.008913 -4.877251 -3359.126
0.25000 0.923234 -330.536955 2.679616
60.476193 -8.192048 -2921.146
0.50000 0.923234 -317.160622 2.679616
60.943472 -11.513345 -2519.746
0.75000 0.923234 -303.784289 2.679616
61.410751 -14.834642 -2134.926
1.00000 0.923234 -290.407956 2.679616
61.878030 -18.155939 -1766.685

ELEM 69 ========== LENGTH = 4.958128

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.908096 -298.989348 0.754407
74.354664 -17.223657 -1767.081
0.25000 0.908096 -285.612319 0.754407
74.821967 -18.156769 -1404.765
0.50000 0.908096 -272.235290 0.754407
75.289271 -19.093881 -1059.030
0.75000 0.908096 -258.858260 0.754407
75.756575 -20.026993 -729.876334
1.00000 0.908096 -245.481231 0.754407
76.223878 -20.964105 -417.303866

ELEM 70 ========== LENGTH = 4.957515

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.883505 -225.117589 -0.297240
62.737508 -19.454320 -417.763353
0.25000 0.883505 -211.742214 -0.297240
63.204754 -19.085926 -147.045986
0.50000 0.883505 -198.366839 -0.297240
63.672000 -18.717533 107.094227
0.75000 0.883505 -184.991464 -0.297240
64.139246 -18.349139 344.657284
1.00000 0.883505 -171.616089 -0.297240
64.606491 -17.980746 565.643187
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
26

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 71 ========== LENGTH = 4.958026

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.855380 -139.246246 -0.577275
34.428574 -16.640311 565.317268
0.25000 0.855380 -125.869491 -0.577275
34.895868 -15.924775 729.623614
0.50000 0.855380 -112.492736 -0.577275
35.363162 -15.209239 877.349386
0.75000 0.855380 -99.115982 -0.577275
35.830456 -14.493703 1008.495
1.00000 0.855380 -85.739227 -0.577275
36.297750 -13.778167 1123.059

ELEM 72 ========== LENGTH = 4.957718

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.827086 -51.109564 -0.472179
-0.841567 -13.144335 1122.939
0.25000 0.827086 -37.733641 -0.472179
-0.374302 -12.559103 1177.097
0.50000 0.827086 -24.357719 -0.472179
0.092963 -11.973870 1216.475
0.75000 0.827086 -10.981796 -0.472179
0.560228 -11.388638 1238.376
1.00000 0.827086 2.394126 -0.472179
1.027493 -10.803405 1243.698

ELEM 73 ========== LENGTH = 4.958477

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.800602 37.007700 -0.448572
-35.833175 -11.108218 1243.803
0.25000 0.800602 50.385672 -0.448572
-35.365839 -10.552160 1189.636
0.50000 0.800602 63.763644 -0.448572
-34.898503 -9.996101 1118.885
0.75000 0.800602 77.141616 -0.448572
-34.431166 -9.440043 1031.550
1.00000 0.800602 90.519588 -0.448572
-33.963830 -8.883985 927.632450

ELEM 74 ========== LENGTH = 4.957366

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.773942 122.815200 -0.899490
-64.226107 -10.041414 927.926493
0.25000 0.773942 136.190172 -0.899490
-63.758875 -8.926639 767.428455
0.50000 0.773942 149.565145 -0.899490
-63.291643 -7.811864 590.354260
0.75000 0.773942 162.940117 -0.899490
-62.824412 -6.697089 396.703909
1.00000 0.773942 176.315089 -0.899490
-62.357180 -5.582314 186.477401

ELEM 75 ========== LENGTH = 4.958415

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.744987 196.874893 -1.878745
-76.800729 -7.170650 186.908408
0.25000 0.744987 210.252697 -1.878745
-76.333398 -4.841750 -65.430045
0.50000 0.744987 223.630501 -1.878745
-75.866067 -2.512851 -334.351674
0.75000 0.744987 237.008305 -1.878745
-75.398737 -0.183952 -619.856479
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
27

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
1.00000 0.744987 250.386109 -1.878745
-74.931406 2.144948 -921.944462

ELEM 76 ========== LENGTH = 4.957518

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.709773 242.333744 -2.663638
-65.423894 0.782402 -921.496349
0.25000 0.709773 255.709129 -2.663638
-64.956647 4.083660 -1230.128
0.50000 0.709773 269.084514 -2.663638
-64.489401 7.384918 -1555.338
0.75000 0.709773 282.459898 -2.663638
-64.022155 10.686177 -1897.124
1.00000 0.709773 295.835283 -2.663638
-63.554909 13.987435 -2255.488

ELEM 77 ========== LENGTH = 3.470356

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.680579 241.143457 -1.825297
-27.489841 13.517595 -2255.269
0.25000 0.680579 250.506477 -1.825297
-27.162760 15.101203 -2466.524
0.50000 0.680579 259.869497 -1.825297
-26.835679 16.684810 -2689.942
0.75000 0.680579 269.232517 -1.825297
-26.508598 18.268417 -2919.464
1.00000 0.680579 278.595538 -1.825297
-26.181517 19.852024 -3157.109

ELEM 78 ========== LENGTH = 3.471017

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.619522 -302.942667 1.429348
18.755828 20.443040 -3157.172
0.25000 0.619522 -293.577864 1.429348
19.082971 19.202717 -2898.355
0.50000 0.619522 -284.213061 1.429348
19.410114 17.962395 -2647.665
0.75000 0.619522 -274.848259 1.429348
19.737258 16.722073 -2405.101
1.00000 0.619522 -265.483456 1.429348
20.064401 15.481750 -2170.663

ELEM 79 ========== LENGTH = 4.957989

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.615237 -320.149957 2.306572
56.251079 17.065812 -2170.940
0.25000 0.615237 -306.773304 2.306572
56.718369 14.206822 -1782.405
0.50000 0.615237 -293.396651 2.306572
57.185660 11.347832 -1410.451
0.75000 0.615237 -280.019998 2.306572
57.652950 8.488843 -1055.077
1.00000 0.615237 -266.643345 2.306572
58.120240 5.629853 -716.282928

ELEM 80 ========== LENGTH = 4.957552

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.618077 -274.747676 1.510059
69.067789 7.987613 -716.745625
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
28

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.618077 -261.372200 1.510059
69.535038 6.116064 -384.515333
0.50000 0.618077 -247.996724 1.510059
70.002288 4.244515 -68.862447
0.75000 0.618077 -234.621248 1.510059
70.469537 2.372966 230.213034
1.00000 0.618077 -221.245772 1.510059
70.936786 0.501416 512.711108

ELEM 81 ========== LENGTH = 4.958252

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.614088 -200.646263 0.527057
57.993660 2.959979 512.250939
0.25000 0.614088 -187.268898 0.527057
58.460976 2.306658 752.673584
0.50000 0.614088 -173.891534 0.527057
58.928291 1.653337 976.514144
0.75000 0.614088 -160.514170 0.527057
59.395606 1.000016 1183.773
1.00000 0.614088 -147.136806 0.527057
59.862921 0.346695 1374.449

ELEM 82 ========== LENGTH = 4.958063

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.607897 -114.882271 0.079657
31.650564 2.164331 1374.083
0.25000 0.607897 -101.505417 0.079657
32.117862 2.065595 1508.191
0.50000 0.607897 -88.128563 0.079657
32.585159 1.966859 1625.718
0.75000 0.607897 -74.751709 0.079657
33.052456 1.868122 1726.664
1.00000 0.607897 -61.374855 0.079657
33.519754 1.769386 1811.030

ELEM 83 ========== LENGTH = 4.957000

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.600939 -26.758969 0.065014
-0.988138 2.435309 1810.879
0.25000 0.600939 -13.384983 0.065014
-0.520940 2.354740 1835.753
0.50000 0.600939 -0.010997 0.065014
-0.053743 2.274171 1844.054
0.75000 0.600939 13.362989 0.065014
0.413454 2.193602 1835.781
1.00000 0.600939 26.736975 0.065014
0.880651 2.113033 1810.934

ELEM 84 ========== LENGTH = 4.958063

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.594271 61.353575 0.049186
-33.619805 1.464975 1811.084
0.25000 0.594271 74.730429 0.049186
-33.152508 1.404009 1726.745
0.50000 0.594271 88.107283 0.049186
-32.685211 1.343042 1625.825
0.75000 0.594271 101.484137 0.049186
-32.217913 1.282075 1508.324
1.00000 0.594271 114.860991 0.049186
-31.750616 1.221109 1374.242
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
29

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 85 ========== LENGTH = 4.958252

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.586858 147.120368 -0.400672
-59.939532 -0.582289 1374.608
0.25000 0.586858 160.497732 -0.400672
-59.472216 0.085631 1183.952
0.50000 0.586858 173.875096 -0.400672
-59.004901 0.411027 976.713973
0.75000 0.586858 187.252460 -0.400672
-58.537586 0.907685 752.893790
1.00000 0.586858 200.629824 -0.400672
-58.070271 1.404343 512.491520

ELEM 86 ========== LENGTH = 4.957552

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.577255 221.245619 -1.383700
-70.969865 -1.047047 512.951528
0.25000 0.577255 234.621095 -1.383700
-70.502616 0.667894 230.453642
0.50000 0.577255 247.996571 -1.383700
-70.035366 2.382835 -68.621649
0.75000 0.577255 261.372048 -1.383700
-69.568117 4.097776 -384.274347
1.00000 0.577255 274.747524 -1.383700
-69.100868 5.812717 -716.504450

ELEM 87 ========== LENGTH = 4.957989

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.561062 266.672671 -2.167733
-58.099605 3.451783 -716.041521
0.25000 0.561062 280.053324 -2.167733
-57.632315 6.138683 -1054.877
0.50000 0.561062 293.429977 -2.167733
-57.165024 8.825582 -1410.292
0.75000 0.561062 306.806630 -2.167733
-56.697734 11.512481 -1782.298
1.00000 0.561062 320.183283 -2.167733
-56.230443 14.199381 -2170.864

ELEM 88 ========== LENGTH = 3.471017

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.551172 265.538321 -1.251410
-20.049122 12.597666 -2170.586
0.25000 0.551172 274.903124 -1.251410
-19.721979 13.683581 -2405.071
0.50000 0.551172 284.267927 -1.251410
-19.394835 14.769497 -2647.683
0.75000 0.551172 293.632729 -1.251410
-19.067692 15.855413 -2898.421
1.00000 0.551172 302.997532 -1.251410
-18.740549 16.941329 -3157.285

ELEM 89 ========== LENGTH = 3.470356

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 0.997917 -278.497712 1.605608
26.502124 16.318954 -3156.692
0.25000 0.997917 -269.134692 1.605608
26.829205 14.925946 -2919.132
0.50000 0.997917 -259.771672 1.605608
27.156286 13.532938 -2689.696
0.75000 0.997917 -250.408652 1.605608
27.483367 12.139931 -2468.382
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
30

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
1.00000 0.997917 -241.045632 1.605608
27.810448 10.746923 -2255.192

ELEM 90 ========== LENGTH = 4.957518

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.012226 -295.787266 2.486208
63.715533 11.174665 -2255.409
0.25000 1.012226 -282.411881 2.486208
64.182779 8.093309 -1897.105
0.50000 1.012226 -269.036496 2.486208
64.650025 5.011954 -1555.378
0.75000 1.012226 -255.661111 2.486208
65.117271 1.930598 -1230.228
1.00000 1.012226 -242.285727 2.486208
65.584517 -1.150758 -921.655666

ELEM 91 ========== LENGTH = 4.958415

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.033964 -250.374306 1.722324
74.984196 0.159327 -922.101206
0.25000 1.033964 -236.996502 1.722324
75.451526 -1.975673 -620.027855
0.50000 1.033964 -223.618697 1.722324
75.918857 -4.110672 -334.537681
0.75000 1.033964 -210.240893 1.722324
76.386187 -6.245672 -65.630684
1.00000 1.033964 -196.863089 1.722324
76.853518 -8.380671 186.693136

ELEM 92 ========== LENGTH = 4.957366

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.050372 -176.321436 0.752181
62.315950 -6.853452 186.244681
0.25000 1.050372 -162.946464 0.752181
62.783182 -7.785661 396.479054
0.50000 1.050372 -149.571491 0.752181
63.250413 -8.717870 590.137272
0.75000 1.050372 -136.196519 0.752181
63.717645 -9.650078 767.219332
1.00000 1.050372 -122.821547 0.752181
64.184877 -10.582287 927.725236

ELEM 93 ========== LENGTH = 4.958477

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.064799 -90.520771 0.303419
33.769854 -9.490646 927.435715
0.25000 1.064799 -77.142799 0.303419
34.237191 -9.966770 1031.355
0.50000 1.064799 -63.764827 0.303419
34.704527 -10.242895 1118.691
0.75000 1.064799 -50.386855 0.303419
35.171864 -10.619020 1189.443
1.00000 1.064799 -37.008883 0.303419
35.639200 -10.995144 1243.612

ELEM 94 ========== LENGTH = 4.957718

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.079558 -2.399178 0.299837
-1.418350 -10.757064 1243.512
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >
31

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 1.079558 10.976744 0.299837
-0.951085 -11.128692 1238.197
0.50000 1.079558 24.352667 0.299837
-0.483820 -11.500319 1216.303
0.75000 1.079558 37.728589 0.299837
-0.016555 -11.871946 1177.930
1.00000 1.079558 51.104511 0.299837
0.450710 -12.243573 1122.779

ELEM 95 ========== LENGTH = 4.958026

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.096511 85.719821 0.310554
-36.970660 -12.941078 1122.905
0.25000 1.096511 99.096576 0.310554
-36.503366 -13.326012 1008.365
0.50000 1.096511 112.473331 0.310554
-36.036072 -13.710946 877.243563
0.75000 1.096511 125.850086 0.310554
-35.568778 -14.095881 729.541844
1.00000 1.096511 139.226840 0.310554
-35.101484 -14.480815 565.259550

ELEM 96 ========== LENGTH = 4.957515

LOAD AFTER ----------

REL DIST P V2 V3
T M2 M3
0.00000 1.113536 171.568734 -0.114454
-65.684192 -15.875583 565.593102
0.25000 1.113536 184.944109 -0.114454
-65.216946 -15.733731 344.665890
0.50000 1.113536 198.319484 -0.114454
-64.749700 -15.591879 107.161524
0.75000 1.113536 211.694859 -0.114454
-64.282455 -15.450028 -146.919998
1.00000 1.113536 225.070234 -0.114454
-63.815209 -15.308176 -417.578674

ELEM 97 ========== LENGTH = 4.958128

LOAD AFTER ----------

```
 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.128137  245.426253   -1.102149
-77.891503 -16.852515 -417.110204
 0.25000    1.128137  258.803282   -1.102149
-77.424200 -15.486366 -729.614524
 0.50000    1.128137  272.180311   -1.102149
-76.956896 -14.120217 -1058.700
 0.75000    1.128137  285.557340   -1.102149
-76.489592 -12.754068 -1404.367
 1.00000    1.128137  298.934370   -1.102149
-76.022289 -11.387919 -1766.615

 ELEM       98 ================== LENGTH
=     4.957870

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.138066  290.495079   -2.055583
-64.513599 -12.323049 -1766.207
 0.25000    1.138066  303.871412   -2.055583
-64.046320  -9.775221 -2134.556
 0.50000    1.138066  317.247745   -2.055583
-63.579041  -7.227393 -2519.485
 0.75000    1.138066  330.624078   -2.055583
-63.111762  -4.679565 -2920.993
 1.00000    1.138066  344.000411   -2.055583
-62.644482  -2.131737 -3339.080
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        32

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       99 ================== LENGTH
=     3.471054

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.154982  288.136958   -1.735356
-22.859462  -1.656696  -3338.919
 0.25000    1.154982  297.501862   -1.735356
-22.532315  -0.150817  -3593.017
 0.50000    1.154982  306.866766   -1.735356
-22.205168   1.355061  -3855.241
 0.75000    1.154982  316.231670   -1.735356
-21.878021   2.860940  -4125.592
 1.00000    1.154982  325.596574   -1.735356
-21.550875   4.366818  -4404.070

 ELEM      100 ================== LENGTH
=     3.470073

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.246508 -394.183442    1.567554
 26.191264   6.334590  -4404.091
 0.25000    1.246508 -384.821184    1.567554
 26.518319   4.974708  -4066.190
 0.50000    1.246508 -375.458925    1.567554
 26.845373   3.614827  -3736.412
 0.75000    1.246508 -366.096667    1.567554
 27.172428   2.254945  -3414.755
 1.00000    1.246508 -356.734409    1.567554
 27.499482   0.895063  -3101.221

 ELEM      101 ================== LENGTH
=     4.958481

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.288431 -412.306103    1.998741
 67.689555   4.123136  -3101.630
 0.25000    1.288431 -398.928120    1.998741
 68.156892   1.645456  -2598.819
 0.50000    1.288431 -385.550138    1.998741
 68.624229  -0.832224  -2112.591
 0.75000    1.288431 -372.172155    1.998741
 69.091566  -3.309903  -1642.947
 1.00000    1.288431 -358.794173    1.998741
 69.558903  -5.787583  -1189.887

 ELEM      102 ================== LENGTH
=     4.957564

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.332282 -367.207218    1.007526
 83.471774  -1.538008  -1190.516
 0.25000    1.332282 -353.831710    1.007526
 83.939025  -2.786727 -743.691622
 0.50000    1.332282 -340.456201    1.007526
 84.406275  -4.035446 -313.444500
 0.75000    1.332282 -327.080693    1.007526
 84.873526  -5.284165  100.225136
 1.00000    1.332282 -313.705184    1.007526
 85.340776  -6.532884  497.317286

 ELEM      103 ================== LENGTH
=     4.957948

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.375123 -293.551757   -0.017121
 75.561319  -2.071655  496.610211
 0.25000    1.375123 -280.175212   -0.017121
 76.028606  -2.056934  852.173797
 0.50000    1.375123 -266.798667   -0.017121
 76.495893  -2.035712  1191.157
 0.75000    1.375123 -253.422123   -0.017121
 76.963179  -2.014490  1513.561
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        33

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 1.00000    1.375123 -240.045578   -0.017121
 77.430466  -1.993269  1819.384

 ELEM      104 ================== LENGTH
=     4.957276

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.410054 -208.358532   -0.425931
 51.729587   1.671709  1818.821
 0.25000    1.410054 -194.983801   -0.425931
 52.196811   2.199573  2068.756
 0.50000    1.410054 -181.609069   -0.425931
 52.664034   2.727438  2302.115
 0.75000    1.410054 -168.234337   -0.425931
 53.131257   3.255302  2518.899
 1.00000    1.410054 -154.859606   -0.425931
 53.598481   3.783166  2719.107

 ELEM      105 ================== LENGTH
=     4.958712

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.443295 -120.928935   -0.402021
 19.887660   5.897633  2718.819
 0.25000    1.443295 -107.550331   -0.402021
 20.355018   6.396009  2860.440
 0.50000    1.443295  -94.171727   -0.402021
 20.822377   6.894386  2985.475
 0.75000    1.443295  -80.793123   -0.402021
 21.289735   7.392762  3093.925
 1.00000    1.443295  -67.414520   -0.402021
 21.757094   7.891139  3185.790

 ELEM      106 ================== LENGTH
=     4.957498

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.475555  -33.233130   -0.535642
-14.044480   7.996683  3185.761
 0.25000    1.475555  -19.857801   -0.535642
-13.577236   8.660543  3218.661
 0.50000    1.475555   -6.482472   -0.535642
-13.109992   9.324404  3234.983
 0.75000    1.475555    6.892857   -0.535642
-12.642748   9.988264  3234.729
 1.00000    1.475555   20.268186   -0.535642
-12.175504  10.652125  3217.898

 ELEM      107 ================== LENGTH
=     4.958182

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.504541   55.285099   -1.575570
-49.830235   8.587927  3218.167
 0.25000    1.504541   68.662275   -1.575570
-49.362926  10.540917  3141.348
 0.50000    1.504541   82.039451   -1.575570
-48.895618  12.493908  3047.947
 0.75000    1.504541   95.416627   -1.575570
-48.428309  14.446898  2937.965
 1.00000    1.504541  108.793802   -1.575570
-47.961000  16.399889  2811.401

 ELEM      108 ================== LENGTH
=     4.957991

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.524632  142.902621   -3.563161
-81.792059  12.302023  2811.932
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        34

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000    1.524632  156.279280   -3.563161
-81.324768  16.718553  2626.514
 0.50000    1.524632  169.655939   -3.563161
-80.857478  21.135083  2424.517
 0.75000    1.524632  183.032598   -3.563161
-80.390187  25.551614  2205.938
 1.00000    1.524632  196.409258   -3.563161
-79.922896  29.968144  1970.780

 ELEM      109 ================== LENGTH
=     4.958041

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.542938  220.506728   -3.265296
-104.416261  24.234520  1971.566
 0.25000    1.542938  233.883522   -3.265296
-103.948966  28.281888  1689.955
 0.50000    1.542938  247.260316   -3.265296
-103.481670  32.329256  1391.764
 0.75000    1.542938  260.637110   -3.265296
-103.014375  36.376624  1076.992
 1.00000    1.542938  274.013905   -3.265296
-102.547080  40.423991  745.638995

 ELEM      110 ================== LENGTH
=     2.751480

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.595039  255.984793    9.587423
-97.039825  32.937346  746.817750
 0.25000    1.595039  263.408286    9.587423
-96.750498  26.342445  567.850294
 0.50000    1.595039  270.831779    9.587423
-96.491171  19.747544  384.106439
 0.75000    1.595039  278.255272    9.587423
-96.231844  13.152644  195.256187
 1.00000    1.595039  285.678765    9.587423
-95.972517   6.557743   1.299536

 ELEM      111 ================== LENGTH
=     2.734364

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.449898 -374.270995   -2.369840
 203.180880   3.549773  -0.536001
 0.25000    1.449898 -362.407274   -2.369840
 187.585436   5.169774  251.257292
 0.50000    1.449898 -350.543554   -2.369840
 171.989993   6.789775  494.940652
 0.75000    1.449898 -338.679833   -2.369840
 156.394549   8.409777  730.514081
 1.00000    1.449898 -326.816112   -2.369840
 140.799106  10.029778  957.977578

 ELEM      112 ================== LENGTH
=     4.928892

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.140199 -294.115806   -1.936595
 265.434131  14.009684  956.885601
 0.25000    3.140199 -272.730574   -1.936595
 237.322193  16.396001  1306.126
 0.50000    3.140199 -251.345342   -1.936595
 209.210254  18.782318  1629.015
 0.75000    3.140199 -229.960109   -1.936595
 181.098316  21.168635  1925.553
 1.00000    3.140199 -208.574877   -1.936595
 152.986378  23.554952  2195.740
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        35

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      113 ================== LENGTH
=     4.927847

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.346958 -201.277394   -0.245478
 216.739837  26.492369  2194.611
 0.25000    4.346958 -179.896698   -0.245478
 188.633863  26.794788  2429.407
 0.50000    4.346958 -158.516003   -0.245478
 160.527889  27.097207  2637.863
 0.75000    4.346958 -137.135308   -0.245478
 132.421915  27.399627  2819.978
 1.00000    4.346958 -115.754613   -0.245478
 104.315940  27.702046  2975.754
 ELEM      114 ================== LENGTH
=     4.927922

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.209145 -116.437887    0.794410
 154.232384  29.782483  2974.970
 0.25000    5.209145  -95.056865    0.794410
 126.125980  28.803786  3105.249
 0.50000    5.209145  -73.675844    0.794410
 98.019577  27.825089  3209.187
 0.75000    5.209145  -52.294822    0.794410
 69.913173  26.846391  3286.783
 1.00000    5.209145  -30.913800    0.794410
 41.806770  25.867694  3338.039

 ELEM      115 ================== LENGTH
=     4.928235

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.659437  -33.583621    0.994391
 90.319331  26.947262  3337.656
 0.25000    5.659437  -12.201243    0.994391
 62.211145  25.722114  3365.861
 0.50000    5.659437    9.181136    0.994391
 34.102958  24.496966  3367.721
 0.75000    5.659437   30.563514    0.994391
 5.994772  23.271818  3343.237
 1.00000    5.659437   51.945892    0.994391
-22.113415  22.046669  3292.409

 ELEM      116 ================== LENGTH
=     4.928666

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.673103   49.622904    0.985734
 28.025764  22.068897  3292.393
 0.25000    5.673103   71.007153    0.985734
 0.515118  20.854308  3218.074
 0.50000    5.673103   92.391403    0.985734
-27.595529  19.639719  3117.407
 0.75000    5.673103  113.775652    0.985734
-55.706175  18.425130  2990.391
 1.00000    5.673103  135.159902    0.985734
-83.816821  17.210541  2837.026

 ELEM      117 ================== LENGTH
=     4.928122

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.277679  134.124875    1.206468
-31.356649  16.242115  2837.381
 0.25000    5.277679  155.506763    1.206468
-59.464192  14.755710  2658.963
 0.50000    5.277679  176.888652    1.206468
-87.571735  13.269305  2454.202
 0.75000    5.277679  198.270541    1.206468
-115.679278  11.782900  2223.099
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        36

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 1.00000    5.277679  219.652429    1.206468
-143.786821  10.296495  1965.652

 ELEM      118 ================== LENGTH
=     4.927799

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.559159  222.359186    1.756248
-87.447454   8.542675  1966.313
 0.25000    4.559159  243.738674    1.756248
-115.553157   6.379065  1679.210
 0.50000    4.559159  265.119163    1.756248
-143.658859   4.215455  1365.766
 0.75000    4.559159  286.499652    1.756248
-171.764562   2.051846  1025.982
 1.00000    4.559159  307.880141    1.756248
-199.870265  -0.111764  659.859466

 ELEM      119 ================== LENGTH
=     4.928501

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.664992  320.891825    2.352939
-123.793788  -2.296345  660.832664
 0.25000    3.664992  342.275360    2.352939
-151.903495  -5.195461  252.280124
 0.50000    3.664992  363.658895    2.352939
-180.013202  -8.094577 -182.619612
 0.75000    3.664992  385.042430    2.352939
-208.122909 -10.993693 -643.866542
 1.00000    3.664992  406.425964    2.352939
-236.232617 -13.892809  -1131.461

 ELEM      120 ================== LENGTH
=     4.928335

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.793027  441.100773    2.310258
-111.996488 -16.029557  -1130.464
 0.25000    2.793027  462.483588    2.310258
-140.105249 -18.875989  -1687.109
 0.50000    2.793027  483.866403    2.310258
-168.214010 -21.722421  -2270.101
 0.75000    2.793027  505.249219    2.310258
-196.322771 -24.568853  -2879.437
 1.00000    2.793027  526.632034    2.310258
-224.431532 -27.415286  -3515.119

 ELEM      121 ================== LENGTH
=     3.449978

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.105370  588.683971    1.042871
-33.095773 -29.066003  -3514.425
 0.25000    2.105370  603.652561    1.042871
-52.772721 -29.965473  -4028.616
 0.50000    2.105370  618.621152    1.042871
-72.449668 -30.864944  -4555.719
 0.75000    2.105370  633.589743    1.042871
-92.126616 -31.764414  -5095.731
 1.00000    2.105370  648.558333    1.042871
-111.803564 -32.663885  -5648.654

 ELEM      122 ================== LENGTH
=     3.449042

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.709178 -581.817929   -0.790349
 104.409541 -33.593988  -5648.604
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        37

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000    1.709178 -566.853398   -0.790349
 84.737931  -32.912501  -5153.377
 0.50000    1.709178 -551.888867   -0.790349
 65.066320  -32.231014  -4671.053
 0.75000    1.709178 -536.924337   -0.790349
 45.394710  -31.549527  -4201.633
 1.00000    1.709178 -521.959806   -0.790349
 25.723099  -30.868041  -3745.116

 ELEM      123 ================== LENGTH
=     4.928729

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.660839 -459.698289   -2.165878
 215.361319  -30.968379  -3745.716
 0.25000    1.660839 -438.313765   -2.165878
 187.250311  -28.299623  -3192.459
 0.50000    1.660839 -416.929241   -2.165878
 159.139304  -25.630867  -2665.551
 0.75000    1.660839 -395.544717   -2.165878
 131.028297  -22.962110  -2164.993
 1.00000    1.660839 -374.160193   -2.165878
 102.917290  -20.293354  -1690.785

 ELEM      124 ================== LENGTH
=     4.928061

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.888873 -339.218415   -2.262584
 225.102172  -19.714739  -1691.652
 0.25000    1.888873 -317.836789   -2.262584
 196.994974  -16.927201  -1286.901
 0.50000    1.888873 -296.455163   -2.262584
 168.887776  -14.139662  -908.492385
 0.75000    1.888873 -275.073536   -2.262584
 140.780578  -11.352123  -556.426321
 1.00000    1.888873 -253.691910   -2.262584
 112.673380   -8.564584  -230.702749

 ELEM      125 ================== LENGTH
=     4.928509

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.219345 -240.520144   -1.706660
 184.132989  -7.741253  -231.482847
 0.25000    2.219345 -219.136677   -1.706660
 156.023240  -5.638430   51.695039
 0.50000    2.219345 -197.753111   -1.706660
 127.913492  -3.535608  308.525652
 0.75000    2.219345 -176.369544   -1.706660
 99.803743   -1.432786  539.008992
 1.00000    2.219345 -154.985977   -1.706660
 71.693994   0.670036  743.145059

 ELEM      126 ================== LENGTH
=     4.927961

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.506519 -152.010545   -1.037941
 122.321098   1.382513  742.584575
 0.25000    2.506519 -130.629355   -1.037941
 94.214472   2.661246  916.689377
 0.50000    2.506519 -109.248164   -1.037941
 66.107846   3.939978  1064.453
 0.75000    2.506519  -87.866973   -1.037941
 38.001221   5.218711  1185.875
 1.00000    2.506519  -66.485782   -1.037941
  9.894595   6.497444  1280.955
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1002.OUT

                                      Page
< AFTER COMPOSITE  SELF-WEIGHT LOAD >
                                        38

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      127 ================== LENGTH
=     4.927654

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.646991  -66.729555   -0.448391
 55.498616   6.846021  1280.770
 0.25000    2.646991  -45.346952   -0.448391
 27.393739   7.398399  1349.806
 0.50000    2.646991  -23.969835   -0.448391
 -0.711137   7.950778  1392.504
 0.75000    2.646991   -2.589975   -0.448391
-28.816013   8.503157  1408.864
 1.00000    2.646991   18.789885   -0.448391
-56.920890   9.055535  1398.885

 ELEM      128 ================== LENGTH
=     4.928464

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.596823   18.449580    0.151979
-11.082641   8.935751  1399.061
 0.25000    2.596823   39.832951    0.151979
-39.192133   8.748495  1363.156
 0.50000    2.596823   61.216322    0.151979
-67.301624   8.561239  1300.904
 0.75000    2.596823   82.599693    0.151979
-95.411116   8.373983  1212.305
 1.00000    2.596823  103.983065    0.151979
-123.520608   8.186726  1097.359

 ELEM      129 ================== LENGTH
=     4.928349

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.371314  106.552768    0.902755
-72.577716   7.634178  1097.895
 0.25000    2.371314  127.935643    0.902755
-100.686555   6.521905  953.440372
 0.50000    2.371314  149.318517    0.902755
-128.795394   5.409633  782.639711
 0.75000    2.371314  170.701392    0.902755
-156.904233   4.297360  585.493481
 1.00000    2.371314  192.084267    0.902755
-185.013073   3.185087  362.001684

 ELEM      130 ================== LENGTH
=     4.928362

 LOAD   AFTER --------------------

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.050412  204.437859    1.690577
-113.237288   2.391901  362.790324
 0.25000    2.050412  225.820788    1.690577
-141.346199   0.308957   97.731544
 0.50000    2.050412  247.203718    1.690577
-169.455110  -1.773988 -193.672938
 0.75000    2.050412  268.586647    1.690577
-197.564021  -3.856932 -511.423122
 1.00000    2.050412  289.969576    1.690577
-225.672932  -5.939876 -855.519009

 ELEM      131 ================== LENGTH
=     4.927534
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LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.756778	323.265533	1.925502
-104.470414	-6.671765	-854.691452	
0.25000	1.756778	344.644870	1.925502
-132.574603	-9.043758	-1266.085	
0.50000	1.756778	366.024207	1.925502
-160.678791	-11.415752	-1703.816	
0.75000	1.756778	387.403545	1.925502
-188.782980	-13.787745	-2167.884	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 39

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	1.756778	408.782882	1.925502
-216.887169	-16.159738	-2658.288	

ELEM 132 ========== LENGTH = 3.450336

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.634934	468.255102	0.735450
-30.212218	-16.462669	-2657.612	
0.25000	1.634934	483.225246	0.735450
-49.891208	-17.097056	-3067.978	
0.50000	1.634934	498.195390	0.735450
-69.570198	-17.731443	-3491.257	
0.75000	1.634934	513.165535	0.735450
-89.249189	-18.365830	-3927.449	
1.00000	1.634934	528.135679	0.735450
-108.928179	-19.000217	-4376.553	

ELEM 133 ========== LENGTH = 3.448999

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.768277	-552.018268	-1.093479
100.396433	-18.684588	-4376.624	
0.25000	1.768277	-537.053924	-1.093479
80.725068	-17.741736	-3907.098	
0.50000	1.768277	-522.089580	-1.093479
61.053703	-16.798883	-3450.475	
0.75000	1.768277	-507.125237	-1.093479
41.382339	-15.856031	-3006.755	
1.00000	1.768277	-492.160893	-1.093479
21.710974	-14.913179	-2575.938	

ELEM 134 ========== LENGTH = 4.928994

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.139228	-432.613274	-2.250427
209.612819	-14.016758	-3976.477	
0.25000	2.139228	-411.227600	-2.250427
181.500299	-11.243673	-2056.566	
0.50000	2.139228	-389.841925	-2.250427
153.387780	-8.470587	-1563.008	
0.75000	2.139228	-368.456251	-2.250427
125.275261	-5.697502	-1095.802	
1.00000	2.139228	-347.070577	-2.250427
97.162742	-2.924416	-654.948573	

ELEM 135 ========== LENGTH = 4.927556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.652025	-313.733239	-2.000428
219.305716	-1.658660	-655.820510	
0.25000	2.652025	-292.353806	-2.000428
191.201402	0.805645	-282.504552	
0.50000	2.652025	-270.974374	-2.000428
163.097089	3.269949	64.474320	
0.75000	2.652025	-249.594942	-2.000428
134.992775	5.734254	385.116106	
1.00000	2.652025	-228.215510	-2.000428
106.888461	8.198559	679.420807	

ELEM 136 ========== LENGTH = 4.928244

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.166655	-215.860897	-1.210877
180.196027	9.462707	678.618394	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 40

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.166655	-194.478480	-1.210877
152.087789	10.954581	931.399946	
0.50000	3.166655	-173.096063	-1.210877
123.979552	12.446456	1157.837	
0.75000	3.166655	-151.713646	-1.210877
95.871314	13.938330	1357.930	
1.00000	3.166655	-130.331229	-1.210877
67.763077	15.430205	1531.678	

ELEM 137 ========== LENGTH = 4.928063

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.542696	-127.835354	-0.489224
120.284969	16.350211	1531.169	
0.25000	3.542696	-106.453719	-0.489224
92.177759	16.952942	1675.493	
0.50000	3.542696	-85.072084	-0.489224
64.070549	17.555673	1793.475	
0.75000	3.542696	-63.690449	-0.489224
35.963340	18.158405	1885.114	
1.00000	3.542696	-42.308814	-0.489224
7.856130	18.761136	1950.410	

ELEM 138 ========== LENGTH = 4.929000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.682104	-42.776190	0.058521
56.222508	19.101119	1950.234	
0.25000	3.682104	-21.390492	0.058521
28.109956	19.029006	1989.769	
0.50000	3.682104	-0.004793	0.058521
-0.002595	18.956894	2002.951	
0.75000	3.682104	21.380906	0.058521
-28.115147	18.884781	1989.781	
1.00000	3.682104	42.766605	0.058521
-56.227698	18.812669	1950.258	

ELEM 139 ========== LENGTH = 4.928063

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.554389	42.300738	0.607466
-7.852761	18.499429	1950.432	
0.25000	3.554389	63.682373	0.607466
-35.959971	17.751022	1885.146	
0.50000	3.554389	85.064008	0.607466
-64.067181	17.002614	1793.517	
0.75000	3.554389	106.445643	0.607466
-92.174390	16.254206	1675.545	
1.00000	3.554389	127.827279	0.607466
-120.281600	15.505799	1531.231	

ELEM 140 ========== LENGTH = 4.928244

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.189202	130.326794	1.330107
-67.737172	14.610563	1531.738	
0.25000	3.189202	151.709211	1.330107
-95.845410	12.971790	1357.995	
0.50000	3.189202	173.091628	1.330107
-123.953647	11.333017	1157.908	
0.75000	3.189202	194.474045	1.330107
-152.061884	9.694243	931.476608	
1.00000	3.189202	215.856462	1.330107
-180.170122	8.055470	678.700521	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 41

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 141 ========== LENGTH = 4.927556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.683801	228.213847	2.112986
-106.836408	6.812163	679.501488	
0.25000	2.683801	249.593279	2.112986
-134.940722	4.209200	385.198835	
0.50000	2.683801	270.972712	2.112986
-163.045036	1.606236	64.559097	
0.75000	2.683801	292.352144	2.112986
-191.149350	-0.996728	-282.417727	
1.00000	2.683801	313.731576	2.112986
-219.253663	-3.599691	-655.731637	

ELEM 142 ========== LENGTH = 4.928994

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.177756	347.068439	2.335865
-97.092554	-4.850349	-654.860914	
0.25000	2.177756	368.454113	2.335865
-125.205073	-7.728715	-1095.712	
0.50000	2.177756	389.839787	2.335865
-153.317592	-10.607080	-1562.915	
0.75000	2.177756	411.225461	2.335865
-181.430111	-13.485446	-2056.471	
1.00000	2.177756	432.611135	2.335865
-209.542631	-16.363812	-2576.379	

ELEM 143 ========== LENGTH = 3.448999

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.810556	492.149953	1.120617
-21.646623	-17.251848	-2575.840	
0.25000	1.810556	507.114296	1.120617
-41.317988	-18.218100	-3006.648	
0.50000	1.810556	522.078640	1.120617
-60.989353	-19.184352	-3450.359	
0.75000	1.810556	537.042984	1.120617
-80.660718	-20.150604	-3906.972	
1.00000	1.810556	552.007327	1.120617
-100.332082	-21.116856	-4376.489	

ELEM 144 ========== LENGTH = 3.450336

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.403994	-528.169010	-0.779731
108.976645	-21.429475	-4376.823	
0.25000	1.403994	-513.198865	-0.779731
89.297655	-20.756892	-3927.690	
0.50000	1.403994	-498.228721	-0.779731
69.618665	-20.084308	-3491.469	
0.75000	1.403994	-483.258577	-0.779731
49.939675	-19.411725	-3068.161	
1.00000	1.403994	-468.288432	-0.779731
30.260685	-18.739141	-2657.767	

ELEM 145 ========== LENGTH = 4.927534

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.524300	-408.801764	-2.026893
216.982827	-18.439081	-2658.443	
0.25000	1.524300	-387.422427	-2.026893
188.878638	-15.942185	-2168.015	
0.50000	1.524300	-366.043090	-2.026893
160.774449	-13.445289	-1703.925	
0.75000	1.524300	-344.663753	-2.026893
132.670260	-10.948393	-1266.171	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 42

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	1.524300	-323.284416	-2.026893
104.566071	-8.451497	-854.753378	

ELEM 146 ========== LENGTH = 4.928362

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.813334	-289.985825	-1.818463
225.788557	-7.729445	-855.580859	
0.25000	1.813334	-268.602896	-1.818463
197.679646	-5.488934	-511.464951	
0.50000	1.813334	-247.219967	-1.818463
169.570735	-3.248424	-193.694746	
0.75000	1.813334	-225.837037	-1.818463
141.461824	-1.007913	97.729756	
1.00000	1.813334	-204.454108	-1.818463
113.352913	1.232598	362.808556	

ELEM 147 ========== LENGTH = 4.928349

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.127473	-192.093040	-1.043043
185.166845	2.010395	361.996640	
0.25000	2.127473	-170.710166	-1.043043
157.058005	3.295515	585.499247	
0.50000	2.127473	-149.327291	-1.043043
128.949166	4.580635	782.656287	
0.75000	2.127473	-127.944416	-1.043043
100.840327	5.865754	953.467759	
1.00000	2.127473	-106.561542	-1.043043
72.731488	7.150874	1097.934	

ELEM 148 ========== LENGTH = 4.928464

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.344380	-103.992011	-0.311721
123.699360	7.684496	1097.397	
0.25000	2.344380	-82.608640	-0.311721
95.589868	8.068572	1212.354	
0.50000	2.344380	-61.225269	-0.311721
67.480377	8.452648	1300.964	
0.75000	2.344380	-39.841898	-0.311721
39.370885	8.836724	1363.227	
1.00000	2.344380	-18.458526	-0.311721
11.261393	9.220799	1399.144	

ELEM 149 ========== LENGTH = 4.927654

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.385557	-18.796542	0.260117
57.161259	9.320893	1398.968	
0.25000	2.385557	2.583318	0.260117
29.056383	9.000451	1408.955	
0.50000	2.385557	23.963179	0.260117
0.951506	8.680008	1392.603	
0.75000	2.385557	45.343039	0.260117
-27.153370	8.359566	1349.914	
1.00000	2.385557	66.722899	0.260117
-55.258246	8.039124	1280.886	

ELEM 150 ========== LENGTH = 4.927961

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.236988	66.494527	0.840738
-9.505208	7.673148	1281.070	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 43

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	2.236988	87.875718	0.840738
-37.611834	6.637367	1185.979	
0.50000	2.236988	109.256909	0.840738
-65.718460	5.601586	1064.546	
0.75000	2.236988	130.638100	0.840738
-93.825085	4.565806	916.772106	
1.00000	2.236988	152.019291	0.840738
-121.931711	3.530025	742.656530	

ELEM 151 ========== LENGTH = 4.928509

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.944196	155.023003	1.578130
-71.026632	2.805870	743.214956	
0.25000	1.944196	176.406570	1.578130
-99.136381	0.861414	539.033269	
0.50000	1.944196	197.790136	1.578130
-127.246130	-1.083043	308.504309	
0.75000	1.944196	219.173703	1.578130
-155.355879	-3.027500	51.628075	
1.00000	1.944196	240.557270	1.578130
-183.465628	-4.971957	-231.595431	

ELEM 152 ========== LENGTH = 4.928061

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.612229	253.748244	2.310988
-111.612419	-5.796625	-230.819329	
0.25000	1.612229	275.129870	2.310988
-139.719617	-8.645798	-556.612306	
0.50000	1.612229	296.511497	2.310988
-167.826815	-11.492971	-908.747774	
0.75000	1.612229	317.893123	2.310988
-195.934013	-14.340144	-1287.226	
1.00000	1.612229	339.274749	2.310988
-224.041211	-17.187318	-1692.046	

ELEM 153 ========== LENGTH = 4.928729

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.386771	374.142153	2.387849
-101.556860	-17.761170	-1691.185	
0.25000	1.386771	395.526677	2.387849
-129.667868	-20.703435	-2165.371	
0.50000	1.386771	416.911202	2.387849
-157.778875	-23.645700	-2665.907	
0.75000	1.386771	438.295726	2.387849
-185.889882	-26.587964	-3192.792	
1.00000	1.386771	459.680250	2.387849
-214.000890	-29.530229	-3746.028	

ELEM 154 ========== LENGTH = 3.449042

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.440427	521.534860	0.918918
-24.824647	-29.418893	-3745.433	
0.25000	1.440427	536.499391	0.918918
-44.496258	-30.211239	-4201.584	
0.50000	1.440427	551.463921	0.918918
-64.167868	-31.003586	-4670.638	
0.75000	1.440427	566.428452	0.918918
-83.839479	-31.795933	-5152.595	
1.00000	1.440427	581.392982	0.918918
-103.511089	-32.588280	-5647.455	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 44

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 155 ========== LENGTH = 3.449978

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.843426	-648.127983	-1.203518
110.989427	-31.642290	-5647.507	
0.25000	1.843426	-633.159392	-1.203518
91.312479	-30.604262	-5094.955	
0.50000	1.843426	-618.190801	-1.203518
71.635531	-29.566235	-4555.314	
0.75000	1.843426	-603.222211	-1.203518
51.958584	-28.528207	-4028.583	
1.00000	1.843426	-588.253620	-1.203518
32.281636	-27.490179	-3514.762	

ELEM 156 ========== LENGTH = 4.928335

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.538605	-526.623935	-2.562936
223.121989	-25.820068	-3515.454	
0.25000	2.538605	-505.241120	-2.562936
195.013228	-22.662317	-2870.781	
0.50000	2.538605	-483.858305	-2.562936
166.904467	-19.504566	-2270.455	
0.75000	2.538605	-462.475489	-2.562936
138.795706	-16.346814	-1687.473	
1.00000	2.538605	-441.092674	-2.562936
110.686945	-13.189063	-1130.838	

ELEM 157 ========== LENGTH = 4.928501

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.420151	-406.501259	-2.432064
235.217488	-11.027382	-1131.830	
0.25000	3.420151	-385.117724	-2.432064
207.107781	-8.030775	-644.143364	
0.50000	3.420151	-363.734189	-2.432064
178.998074	-5.034168	-182.803660	
0.75000	3.420151	-342.350654	-2.432064
150.888366	-2.037561	252.188848	
1.00000	3.420151	-320.967119	-2.432064
122.778659	0.959047	660.834161	

ELEM 158 ========== LENGTH = 4.927799

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.328807	-307.941701	-1.662160
199.262650	3.178395	659.862939	
0.25000	4.328807	-286.561212	-1.662160
171.156947	5.226092	1026.062	
0.50000	4.328807	-265.180724	-1.662160
143.051245	7.273790	1365.921	
0.75000	4.328807	-243.800235	-1.662160
114.945542	9.321488	1679.440	
1.00000	4.328807	-222.419746	-1.662160
86.839839	11.369185	1966.620	

ELEM 159 ========== LENGTH = 4.928122

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.067022	-219.674940	-1.058704
143.518613	13.168595	1965.942	
0.25000	5.067022	-198.293051	-1.058704
115.411070	14.472950	2223.417	
0.50000	5.067022	-176.911162	-1.058704
87.303527	15.777306	2454.548	
0.75000	5.067022	-155.529274	-1.058704
59.195984	17.081662	2659.337	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 45

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	5.067022	-134.147385	-1.058704
31.088441	18.386018	2837.782	

ELEM 160 ========== LENGTH = 4.928666

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.485454	-135.158598	-0.873342
83.763186	19.408443	2837.425	
0.25000	5.485454	-113.774349	-0.873342
55.652540	20.484546	2990.789	
0.50000	5.485454	-92.390099	-0.873342
27.541893	21.560649	3117.803	
0.75000	5.485454	-71.005850	-0.873342
-0.568753	22.636752	3218.469	
1.00000	5.485454	-49.621601	-0.873342
-28.679399	23.712854	3292.785	

ELEM 161 ========== LENGTH = 4.928235

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.497479	-51.932654	-0.955760
22.215442	23.751689	3292.798	
0.25000	5.497479	-30.550275	-0.955760
-5.892744	24.929241	3343.610	
0.50000	5.497479	-9.167897	-0.955760
-34.000931	26.106794	3368.077	
0.75000	5.497479	12.214481	-0.955760
-62.109117	27.284346	3366.201	
1.00000	5.497479	33.596859	-0.955760
-90.217304	28.461899	3337.979	

ELEM 162 ========== LENGTH = 4.927922

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.075086	30.947950	-0.791936
-41.502469	27.449313	3338.358	
0.25000	5.075086	52.328972	-0.791936
-69.608872	28.424962	3287.060	
0.50000	5.075086	73.709994	-0.791936
-97.715276	29.400612	3209.421	
0.75000	5.075086	95.091016	-0.791936
-125.821679	30.376262	3105.441	
1.00000	5.075086	116.472038	-0.791936
-153.928083	31.351911	2975.121	

ELEM 163 ========== LENGTH = 4.927847

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.243354	115.812840	0.308742
-103.719349	29.344380	2975.897	
0.25000	4.243354	137.193536	0.308742
-131.825323	28.964022	2820.050	
0.50000	4.243354	158.574231	0.308742
-159.931298	28.583664	2637.863	
0.75000	4.243354	179.954926	0.308742
-188.037272	28.203306	2428.335	
1.00000	4.243354	201.335621	0.308742
-216.143246	27.822949	2194.468	

ELEM 164 ========== LENGTH = 4.928892

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.069606	208.617954	2.141849
-152.086289	24.962380	2195.570	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.25000	3.069606	230.003186		2.141849	
	-180.198228		22.323145	1925.331			
		0.50000	3.069606	251.388419		2.141849	
	-208.310166		19.683910	1626.740			
		0.75000	3.069606	272.773651		2.141849	
	-236.422104		17.044675	1305.798			
		1.00000	3.069606	294.158883		2.141849	
	-264.534042		14.405439	956.503926			

ELEM 165 ========== LENGTH = 2.734364

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	1.418459	326.671095		2.575571	
	-139.925837		10.515575	957.587032			
		0.25000	1.418459	338.534815		2.575571	
	-155.521281		8.754938	730.222668			
		0.50000	1.418459	350.398536		2.575571	
	-171.116724		6.994301	494.748372			
		0.75000	1.418459	362.262256		2.575571	
	-186.712168		5.233665	251.164144			
		1.00000	1.418459	374.125977		2.575571	
	-202.307611		3.473028	-0.530015			

ELEM 166 ========== LENGTH = 2.977110

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43667	20.665238	-27.402246		-1.437696	
		0.000215	-1.649555	-42.060434			
		0.57750	20.665238	-27.402246		-1.437696	
		0.000215	-1.046762	-30.571291			
		0.71833	20.665238	-27.402246		-1.437696	
		0.000215	-0.443968	-19.082148			
		0.85917	20.665238	-27.402246		-1.437696	
		0.000215	0.158825	-7.593006			
		1.00000	20.665238	-27.402246		-1.437696	
		0.000215	0.761618	3.896137			

ELEM 167 ========== LENGTH = 2.977170

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	19.387143	-23.085060		-1.346547	
		9.66E-05	-0.709535	3.895996			
		0.14084	19.387143	-23.085060		-1.346547	
		9.66E-05	-0.144938	13.575386			
		0.28167	19.387143	-23.085060		-1.346547	
		9.66E-05	0.419659	23.254776			
		0.42251	19.387143	-23.085060		-1.346547	
		9.66E-05	0.984256	32.934167			
		0.56334	19.387143	-23.085060		-1.346547	
		9.66E-05	1.548853	42.613557			

ELEM 168 ========== LENGTH = 2.976955

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43669	11.318676	-19.249980		-1.666835	
		5.36E-05	-1.750100	-32.616478			
		0.57752	11.318676	-19.249980		-1.666835	
		5.36E-05	-1.051298	-24.546138			
		0.71834	11.318676	-19.249980		-1.666835	
		5.36E-05	-0.352496	-16.475798			
		0.85917	11.318676	-19.249980		-1.666835	
		5.36E-05	0.346306	-8.405458			
		1.00000	11.318676	-19.249980		-1.666835	
		5.36E-05	1.045108	-0.335117			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 47
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	11.172180	-4.266466		-1.605725	
		0.000190	-1.014178	-0.328701			
		0.14083	11.172180	-4.266466		-1.605725	
		0.000190	-0.340921	3.460165			
		0.28167	11.172180	-4.266466		-1.605725	
		0.000190	0.332336	3.249032			
		0.42250	11.172180	-4.266466		-1.605725	
		0.000190	1.005592	5.037898			
		0.56334	11.172180	-4.266466		-1.605725	
		0.000190	1.678849	6.826765			

ELEM 169 ========== LENGTH = 2.977141

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	11.172180	-4.266466		-1.605725	
		0.000190	-1.014178	-0.328701			
		0.14083	11.172180	-4.266466		-1.605725	
		0.000190	-0.340921	3.460165			
		0.28167	11.172180	-4.266466		-1.605725	
		0.000190	0.332336	3.249032			
		0.42250	11.172180	-4.266466		-1.605725	
		0.000190	1.005592	5.037898			
		0.56334	11.172180	-4.266466		-1.605725	
		0.000190	1.678849	6.826765			

ELEM 170 ========== LENGTH = 2.977211

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43665	2.248416	-8.422744		-1.158739	
		0.000183	-1.312065	-29.325348			
		0.57749	2.248416	-8.422744		-1.158739	
		0.000183	-0.826203	-25.793669			
		0.71833	2.248416	-8.422744		-1.158739	
		0.000183	-0.340340	-22.261990			
		0.85916	2.248416	-8.422744		-1.158739	
		0.000183	0.145522	-18.730311			
		1.00000	2.248416	-8.422744		-1.158739	
		0.000183	0.631384	-15.198632			

ELEM 171 ========== LENGTH = 2.977271

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	1.253763	8.926774		-1.190526	
		-0.000141	-0.665438	-15.207781			
		0.14084	1.253763	8.926774		-1.190526	
		-0.000141	-0.166229	-18.950936			
		0.28168	1.253763	8.926774		-1.190526	
		-0.000141	0.332980	-22.694090			
		0.42252	1.253763	8.926774		-1.190526	
		-0.000141	0.832188	-26.437244			
		0.56336	1.253763	8.926774		-1.190526	
		-0.000141	1.331397	-30.180398			

ELEM 172 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43660	-0.504109	-6.667947		-0.785073	
		1.77E-05	-0.886610	-37.328818			
		0.57745	-0.504109	-6.667947		-0.785073	
		1.77E-05	-0.557364	-34.532393			
		0.71830	-0.504109	-6.667947		-0.785073	
		1.77E-05	-0.228117	-31.735967			
		0.85915	-0.504109	-6.667947		-0.785073	
		1.77E-05	0.101129	-28.939541			
		1.00000	-0.504109	-6.667947		-0.785073	
		1.77E-05	0.430376	-26.143116			

ELEM 173 ========== LENGTH = 2.977477

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-1.464814	10.828585		-0.854887	
		-5.77E-05	-0.489337	-26.161719			
		0.14085	-1.464814	10.828585		-0.854887	
		-5.77E-05	-0.130823	-30.702895			
		0.28169	-1.464814	10.828585		-0.854887	
		-5.77E-05	0.227690	-35.244071			
		0.42254	-1.464814	10.828585		-0.854887	
		-5.77E-05	0.586203	-39.785247			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD > 48

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.56339	-1.464814	10.828585		-0.854887	
		-5.77E-05	0.944716	-44.326423			

ELEM 174 ========== LENGTH = 2.976819

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43671	-0.404144	-7.469395		-0.368169	
		1.92E-05	-0.419495	-44.812214			
		0.57753	-0.404144	-7.469395		-0.368169	
		1.92E-05	-0.265157	-41.681008			
		0.71835	-0.404144	-7.469395		-0.368169	
		1.92E-05	-0.110819	-38.549801			
		0.85918	-0.404144	-7.469395		-0.368169	
		1.92E-05	0.043519	-35.418595			
		1.00000	-0.404144	-7.469395		-0.368169	
		1.92E-05	0.197857	-32.287388			

ELEM 175 ========== LENGTH = 2.977871

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-1.347894	9.869514		-0.430771	
		-4.31E-05	-0.249357	-32.313710			
		0.14086	-1.347894	9.869514		-0.430771	
		-4.31E-05	-0.068663	-36.453654			
		0.28172	-1.347894	9.869514		-0.430771	
		-4.31E-05	0.112032	-40.593598			
		0.42258	-1.347894	9.869514		-0.430771	
		-4.31E-05	0.292727	-44.733542			
		0.56345	-1.347894	9.869514		-0.430771	
		-4.31E-05	0.473421	-48.873486			

ELEM 176 ========== LENGTH = 2.977068

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43667	0.236323	-7.811717		0.061983	
		1.65E-05	0.064853	-47.438816			
		0.57750	0.236323	-7.811717		0.061983	
		1.65E-05	0.038866	-44.163621			
		0.71834	0.236323	-7.811717		0.061983	
		1.65E-05	0.012878	-40.888426			
		0.85917	0.236323	-7.811717		0.061983	
		1.65E-05	-0.013110	-37.613231			
		1.00000	0.236323	-7.811717		0.061983	
		1.65E-05	-0.039097	-34.338035			

ELEM 177 ========== LENGTH = 2.977234

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-0.705124	9.476971		0.020187	
		1.35E-05	0.004910	-34.363892			
		0.14084	-0.705124	9.476971		0.020187	
		1.35E-05	-0.003554	-38.337666			
		0.28168	-0.705124	9.476971		0.020187	
		1.35E-05	-0.012019	-42.311441			
		0.42251	-0.705124	9.476971		0.020187	
		1.35E-05	-0.020483	-46.285215			
		0.56335	-0.705124	9.476971		0.020187	
		1.35E-05	-0.028948	-50.258990			

ELEM 178 ========== LENGTH = 2.977605

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43659	0.621796	-6.732052		0.456712	
		2.62E-05	0.509754	-43.896967			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 49
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.57744	0.621796	-6.732052		0.456712	
		2.62E-05	0.318208	-41.073535			
		0.71830	0.621796	-6.732052		0.456712	
		2.62E-05	0.126663	-38.250104			
		0.85915	0.621796	-6.732052		0.456712	
		2.62E-05	-0.064883	-35.426672			
		1.00000	0.621796	-6.732052		0.456712	
		2.62E-05	-0.256429	-32.603241			

ELEM 179 ========== LENGTH = 2.977665

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-0.333687	10.553384		0.438407	
		5.45E-05	0.240911	-32.619305			
		0.14085	-0.333687	10.553384		0.438407	
		5.45E-05	0.057036	-37.045667			
		0.28171	-0.333687	10.553384		0.438407	
		5.45E-05	-0.126839	-41.471829			
		0.42256	-0.333687	10.553384		0.438407	
		5.45E-05	-0.310714	-45.898091			
		0.56342	-0.333687	10.553384		0.438407	
		5.45E-05	-0.494588	-50.324352			

ELEM 180 ========== LENGTH = 2.977216

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43665	0.512109	-5.315092		0.761587	
		-1.39E-05	0.853964	-36.019502			
		0.57749	0.512109	-5.315092		0.761587	
		-1.39E-05	0.534628	-33.790862			
		0.71832	0.512109	-5.315092		0.761587	
		-1.39E-05	0.215291	-31.562222			
		0.85916	0.512109	-5.315092		0.761587	
		-1.39E-05	-0.104046	-29.333583			
		1.00000	0.512109	-5.315092		0.761587	
		-1.39E-05	-0.423382	-27.104943			

ELEM 181 ========== LENGTH = 2.978174

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-0.473799	12.013772		0.762400	
		9.37E-05	0.423248	-27.103652			
		0.14087	-0.473799	12.013772		0.762400	
		9.37E-05	0.103388	-32.143951			
		0.28175	-0.473799	12.013772		0.762400	
		9.37E-05	-0.216472	-37.184250			
		0.42262	-0.473799	12.013772		0.762400	
		9.37E-05	-0.536332	-42.224548			
		0.56349	-0.473799	12.013772		0.762400	
		9.37E-05	-0.856192	-47.264847			

ELEM 182 ========== LENGTH = 2.977796

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43656	-0.101682	-6.658733		0.913390	
		-6.41E-05	1.026717	-29.259033			
		0.57742	-0.101682	-6.658733		0.913390	
		-6.41E-05	0.643597	-26.466034			
		0.71828	-0.101682	-6.658733		0.913390	
		-6.41E-05	0.260477	-23.673036			
		0.85914	-0.101682	-6.658733		0.913390	
		-6.41E-05	-0.122644	-20.880037			
		1.00000	-0.101682	-6.658733		0.913390	
		-6.41E-05	-0.505764	-18.087039			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD > 50

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-1.129666	10.704235		0.933061	
		5.00E-05	0.519461	-18.061281			
		0.14082	-1.129666	10.704235		0.933061	
		5.00E-05	0.128328	-22.548417			
		0.28164	-1.129666	10.704235		0.933061	
		5.00E-05	-0.262804	-27.035554			
		0.42246	-1.129666	10.704235		0.933061	
		5.00E-05	-0.653936	-31.522690			
		0.56329	-1.129666	10.704235		0.933061	
		5.00E-05	-1.045069	-36.009827			

ELEM 184 ========== LENGTH = 2.977458

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43661	-0.974773	-15.638194		0.873901	
		-0.000243	0.985203	-32.696697			
		0.57746	-0.974773	-15.638194		0.873901	
		-0.000243	0.618720	-26.138595			
		0.71831	-0.974773	-15.638194		0.873901	
		-0.000243	0.252237	-19.580493			
		0.85915	-0.974773	-15.638194		0.873901	
		-0.000243	0.114246	-13.022391			
		1.00000	-0.974773	-15.638194		0.873901	
		-0.000243	-0.480729	-6.464289			

ELEM 185 ========== LENGTH = 2.977431

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-2.101515	2.561584		0.895171	
		5.65E-05	0.496387	-6.407547			
		0.14085	-2.101515	2.561584		0.895171	
		5.65E-05	0.120990	-7.481768			
		0.28169	-2.101515	2.561584		0.895171	
		5.65E-05	-0.254407	-8.555988			
		0.42254	-2.101515	2.561584		0.895171	
		5.65E-05	-0.629804	-9.630208			
		0.56338	-2.101515	2.561584		0.895171	
		5.65E-05	-1.005201	-10.704428			

ELEM 186 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43665	-1.736928	-30.851456		0.689252	
		6.78E-06	0.747404	-49.244661			
		0.57749	-1.736928	-30.851456		0.689252	
		6.78E-06	0.458401	-36.308682			
		0.71833	-1.736928	-30.851456		0.689252	
		6.78E-06	0.169398	-23.372702			
		0.85916	-1.736928	-30.851456		0.689252	
		6.78E-06	-0.119604	-10.436722			
		1.00000	-1.736928	-30.851456		0.689252	
		6.78E-06	-0.408607	2.499257			

ELEM 187 ========== LENGTH = 2.978250

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-2.639847	-14.924163		0.700230	
		-0.000254	0.417200	-52.567834			
		0.14088	-2.639847	-14.924163		0.700230	
		-0.000254	0.123410	8.829454			
		0.28175	-2.639847	-14.924163		0.700230	
		-0.000254	-0.170380	15.091074			
		0.42263	-2.639847	-14.924163		0.700230	
		-0.000254	-0.464171	21.352693			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD > 51

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.56350	-2.639847	-14.924163		0.700230	
		-0.000254	-0.757961	27.614313			

ELEM 188 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43662	-1.881192	-36.516885		0.431915	
		1.96E-05	0.453892	-58.223394			
		0.57747	-1.881192	-36.516885		0.431915	
		1.96E-05	0.272769	-42.910090			
		0.71831	-1.881192	-36.516885		0.431915	
		1.96E-05	0.091647	-27.596786			
		0.85916	-1.881192	-36.516885		0.431915	
		1.96E-05	-0.089476	-12.283482			
		1.00000	-1.881192	-36.516885		0.431915	
		1.96E-05	-0.270599	3.029822			

ELEM 189 ========== LENGTH = 2.977377

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-2.695079	-24.834622		0.437026	
		-1.93E-05	0.274509	3.079554			
		0.14084	-2.695079	-24.834622		0.437026	
		-1.93E-05	0.091244	13.493807			
		0.28169	-2.695079	-24.834622		0.437026	
		-1.93E-05	-0.092020	23.908060			
		0.42253	-2.695079	-24.834622		0.437026	
		-1.93E-05	-0.275284	34.322313			
		0.56337	-2.695079	-24.834622		0.437026	
		-1.93E-05	-0.458548	44.736566			

ELEM 190 ========== LENGTH = 2.977627

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43659	-1.673442	-30.743987		0.114795	
		3.36E-05	0.123652	-48.661258			
		0.57744	-1.673442	-30.743987		0.114795	
		3.36E-05	0.075506	-35.767020			
		0.71829	-1.673442	-30.743987		0.114795	
		3.36E-05	0.027360	-22.872783			
		0.85915	-1.673442	-30.743987		0.114795	
		3.36E-05	-0.020786	-9.978545			
		1.00000	-1.673442	-30.743987		0.114795	
		3.36E-05	-0.068932	2.915693			

ELEM 191 ========== LENGTH = 2.977613

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-2.726484	-14.882285		0.110728	
		0.000212	0.065895	2.981772			
		0.14085	-2.726484	-14.882285		0.110728	
		0.000212	0.019456	9.223450			
		0.28170	-2.726484	-14.882285		0.110728	
		0.000212	-0.026984	15.465128			
		0.42256	-2.726484	-14.882285		0.110728	
		0.000212	-0.073423	21.706806			
		0.56341	-2.726484	-14.882285		0.110728	
		0.000212	-0.119863	27.948484			

ELEM 192 ========== LENGTH = 2.977542

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43660	-1.003265	-15.356313		-0.162476	
		0.000284	-0.188100	-31.067117			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD > 52

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.57745	-1.003265	-15.356313		-0.162476	
		0.000284	-0.119960	-24.626901			
		0.71830	-1.003265	-15.356313		-0.162476	
		0.000284	-0.051820	-18.186685			
		0.85915	-1.003265	-15.356313		-0.162476	
		0.000284	0.016320	-11.746469			
		1.00000	-1.003265	-15.356313		-0.162476	
		0.000284	0.084460	-5.306253			

ELEM 193 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-2.139474	2.853814		-0.178708	
		-9.35E-05	-0.096565	-5.237060			
		0.14085	-2.139474	2.853814		-0.178708	
		-9.35E-05	-0.021617	-6.433901			
		0.28170	-2.139474	2.853814		-0.178708	
		-9.35E-05	0.053330	-7.630743			
		0.42255	-2.139474	2.853814		-0.178708	
		-9.35E-05	0.128277	-8.827585			
		0.56340	-2.139474	2.853814		-0.178708	
		-9.35E-05	0.203225	-10.024426			

ELEM 194 ========== LENGTH = 2.976473

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43676	-0.094507	-6.192200		-0.280621	
		0.000105	-0.319278	-26.514103			
		0.57757	-0.094507	-6.192200		-0.280621	
		0.000105	-0.201665	-23.918839			
		0.71838	-0.094507	-6.192200		-0.280621	
		0.000105	-0.084052	-21.323575			
		0.85919	-0.094507	-6.192200		-0.280621	
		0.000105	0.033562	-18.728312			
		1.00000	-0.094507	-6.192200		-0.280621	
		0.000105	0.151175	-16.133048			

ELEM 195 ========== LENGTH = 2.977593

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-1.144534	11.126417		-0.298426	
		-7.39E-05	-0.164652	-16.089419			
		0.14085	-1.144534	11.126417		-0.298426	
		-7.39E-05	-0.039493	-20.755819			
		0.28170	-1.144534	11.126417		-0.298426	
		-7.39E-05	0.085666	-25.422219			
		0.42255	-1.144534	11.126417		-0.298426	
		-7.39E-05	0.210826	-30.088620			
		0.56341	-1.144534	11.126417		-0.298426	
		-7.39E-05	0.335985	-34.755020			

ELEM 196 ========== LENGTH = 2.977541

LOAD AFTER ----------

REL	DIST	T	P	M2	V2	M3	V3
		0.43660	0.631511	-4.498383		-0.251369	
		5.44E-05	-0.285147	-31.713397			
		0.57745	0.631511	-4.498383		-0.251369	
		5.44E-05	-0.179727	-29.826842			
		0.71830	0.631511	-4.498383		-0.251369	
		5.44E-05	-0.074306	-27.940287			
		0.85915	0.631511	-4.498383		-0.251369	
		5.44E-05	0.031114	-26.053731			
		1.00000	0.631511	-4.498383		-0.251369	
		5.44E-05	0.136535	-24.167176			

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD > 53

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
		0.00000	-0.392688	12.889281		-0.263825	
		-0.000100	-0.145928	-24.141564			
		0.14085	-0.392688	12.889281		-0.263825	
		-0.000100	-0.035276	-29.547522			
		0.28171	-0.392688	12.889281		-0.263825	
		-0.000100	0.075376	-34.953480			
		0.42256	-0.392688	12.889281		-0.263825	
		-0.000100	0.186029	-40.359437			
		0.56342	-0.392688	12.889281		-0.263825	
		-0.000100	0.296681	-45.765395			

ELEM 198 ========== LENGTH = 2.977743

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.943836	-5.192488	-0.114510
3.91E-06	-0.129598	-37.175171	
0.57743	0.943836	-5.192488	-0.114510
3.91E-06	-0.081568	-34.997256	
0.71829	0.943836	-5.192488	-0.114510
3.91E-06	-0.033538	-32.819342	
0.85914	0.943836	-5.192488	-0.114510
3.91E-06	0.014491	-30.641427	
1.00000	0.943836	-5.192488	-0.114510
3.91E-06	0.062521	-28.463512	

ELEM 199 ========== LENGTH = 2.977803

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054846	12.072775	-0.118081
-3.12E-05	-0.065244	-28.450327	
0.14086	-0.054846	12.072775	-0.118081
-3.12E-05	-0.015715	-33.514260	
0.28172	-0.054846	12.072775	-0.118081
-3.12E-05	0.033814	-38.578194	
0.42258	-0.054846	12.072775	-0.118081
-3.12E-05	0.083344	-43.642128	
0.56344	-0.054846	12.072775	-0.118081
-3.12E-05	0.132873	-48.706062	

ELEM 200 ========== LENGTH = 2.976964

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.873645	-5.314713	0.070336
-7.45E-06	0.079411	-37.410335	
0.57751	0.873645	-5.314713	0.070336
-7.45E-06	0.049923	-35.182189	
0.71834	0.873645	-5.314713	0.070336
-7.45E-06	0.020436	-32.954043	
0.85917	0.873645	-5.314713	0.070336
-7.45E-06	-0.009052	-30.725897	
1.00000	0.873645	-5.314713	0.070336
-7.45E-06	-0.038540	-28.497751	

ELEM 201 ========== LENGTH = 2.978021

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.121291	11.948817	0.075233
3.23E-05	0.042281	-28.486120	
0.14087	-0.121291	11.948817	0.075233
3.23E-05	0.010721	-33.498713	
0.28173	-0.121291	11.948817	0.075233
3.23E-05	-0.020840	-38.511305	
0.42260	-0.121291	11.948817	0.075233
3.23E-05	-0.052401	-43.523897	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 54
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56347	-0.121291	11.948817	0.075233
3.23E-05	-0.083961	-48.536489	

ELEM 202 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.542786	-4.834068	0.239465
-5.73E-05	0.271015	-32.392497	
0.57748	0.542786	-4.834068	0.239465
-5.73E-05	0.170603	-30.365501	
0.71832	0.542786	-4.834068	0.239465
-5.73E-05	0.070192	-28.338505	
0.85916	0.542786	-4.834068	0.239465
-5.73E-05	-0.030219	-26.311509	
1.00000	0.542786	-4.834068	0.239465
-5.73E-05	-0.130630	-24.284514	

ELEM 203 ========== LENGTH = 2.977363

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.467212	12.480964	0.250906
9.86E-05	0.139380	-24.267331	
0.14084	-0.467212	12.480964	0.250906
9.86E-05	0.034165	-29.501108	
0.28169	-0.467212	12.480964	0.250906
9.86E-05	-0.071051	-34.734885	
0.42253	-0.467212	12.480964	0.250906
9.86E-05	-0.176266	-39.968662	
0.56337	-0.467212	12.480964	0.250906
9.86E-05	-0.281481	-45.202439	

ELEM 204 ========== LENGTH = 2.977668

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.219978	-6.857719	0.328634
-0.000106	0.371832	-27.711454	
0.57744	0.219978	-6.857719	0.328634
-0.000106	0.233997	-24.835209	
0.71829	0.219978	-6.857719	0.328634
-0.000106	0.096162	-21.958965	
0.85915	0.219978	-6.857719	0.328634
-0.000106	-0.041672	-19.082721	
1.00000	0.219978	-6.857719	0.328634
-0.000106	-0.179507	-16.206477	

ELEM 205 ========== LENGTH = 2.977689

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.816276	10.498119	0.339089
6.97E-05	0.187713	-16.173993	
0.14085	-0.816276	10.498119	0.339089
6.97E-05	0.045491	-20.577136	
0.28171	-0.816276	10.498119	0.339089
6.97E-05	-0.096731	-24.980280	
0.42256	-0.816276	10.498119	0.339089
6.97E-05	-0.238952	-29.383424	
0.56342	-0.816276	10.498119	0.339089
6.97E-05	-0.381174	-33.786568	

ELEM 206 ========== LENGTH = 2.977077

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.484216	-16.184726	0.294374
-0.000277	0.333702	-32.492021	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 55
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57750	0.484216	-16.184726	0.294374
-0.000277	0.210280	-25.706262	
0.71833	0.484216	-16.184726	0.294374
-0.000277	0.086858	-18.920504	
0.85917	0.484216	-16.184726	0.294374
-0.000277	-0.036564	-12.134745	
1.00000	0.484216	-16.184726	0.294374
-0.000277	-0.159986	-5.348987	

ELEM 207 ========== LENGTH = 2.977171

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.626935	1.914082	0.291469
8.56E-05	0.158446	-5.294902	
0.14084	-0.626935	1.914082	0.291469
8.56E-05	0.036235	-6.097463	
0.28167	-0.626935	1.914082	0.291469
8.56E-05	-0.085976	-6.900024	
0.42251	-0.626935	1.914082	0.291469
8.56E-05	-0.208187	-7.702584	
0.56334	-0.626935	1.914082	0.291469
8.56E-05	-0.330398	-8.505145	

ELEM 208 ========== LENGTH = 2.977599

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.624481	-31.378153	0.124858
-2.77E-05	0.134733	-49.304845	
0.57745	1.624481	-31.378153	0.124858
-2.77E-05	0.082367	-36.144858	
0.71830	1.624481	-31.378153	0.124858
-2.77E-05	0.030002	-22.984871	
0.85915	1.624481	-31.378153	0.124858
-2.77E-05	-0.022363	-9.824883	
1.00000	1.624481	-31.378153	0.124858
-2.77E-05	-0.074729	3.335104	

ELEM 209 ========== LENGTH = 2.977688

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.639938	-15.551159	0.107907
-0.000208	0.062654	3.387195	
0.14085	0.639938	-15.551159	0.107907
-0.000208	0.017396	9.909693	
0.28171	0.639938	-15.551159	0.107907
-0.000208	-0.027863	16.432191	
0.42256	0.639938	-15.551159	0.107907
-0.000208	-0.073122	22.954689	
0.56342	0.639938	-15.551159	0.107907
-0.000208	-0.118380	29.477187	

ELEM 210 ========== LENGTH = 2.977323

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	2.195155	-36.668336	-0.114790
3.04E-06	-0.120763	-57.507111	
0.57748	2.195155	-36.668336	-0.114790
3.04E-06	-0.072628	-42.130947	
0.71832	2.195155	-36.668336	-0.114790
3.04E-06	-0.024493	-26.754784	
0.85916	2.195155	-36.668336	-0.114790
3.04E-06	0.023642	-11.378620	
1.00000	2.195155	-36.668336	-0.114790
3.04E-06	0.071777	3.997544	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 56
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 211 ========== LENGTH = 2.977383

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.417902	-25.152553	-0.117343
1.54E-05	-0.073837	4.038775	
0.14084	1.417902	-25.152553	-0.117343
1.54E-05	-0.024630	14.586393	
0.28169	1.417902	-25.152553	-0.117343
1.54E-05	0.024577	25.134011	
0.42253	1.417902	-25.152553	-0.117343
1.54E-05	0.073784	35.681629	
0.56337	1.417902	-25.152553	-0.117343
1.54E-05	0.122992	46.229247	

ELEM 212 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.604745	-31.328670	-0.337786
3.24E-05	-0.365796	-49.218919	
0.57750	1.604745	-31.328670	-0.337786
3.24E-05	-0.224172	-36.083736	
0.71833	1.604745	-31.328670	-0.337786
3.24E-05	-0.082548	-22.948553	
0.85917	1.604745	-31.328670	-0.337786
3.24E-05	0.059075	-9.813370	
1.00000	1.604745	-31.328670	-0.337786
3.24E-05	0.200699	3.321812	

ELEM 213 ========== LENGTH = 2.977141

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660012	-15.474536	-0.325994
0.000240	-0.192777	3.374262	
0.14083	0.660012	-15.474536	-0.325994
0.000240	-0.056092	9.862509	
0.28167	0.660012	-15.474536	-0.325994
0.000240	0.080592	16.350755	
0.42250	0.660012	-15.474536	-0.325994
0.000240	0.217277	22.839002	
0.56334	0.660012	-15.474536	-0.325994
0.000240	0.353962	29.327248	

ELEM 214 ========== LENGTH = 2.977780

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.483317	-16.173623	-0.479589
0.000281	-0.542049	-32.498100	
0.57743	0.483317	-16.173623	-0.479589
0.000281	-0.340888	-25.714156	
0.71828	0.483317	-16.173623	-0.479589
0.000281	-0.139727	-18.930212	
0.85914	0.483317	-16.173623	-0.479589
0.000281	0.061434	-12.146268	
1.00000	0.483317	-16.173623	-0.479589
0.000281	0.262595	-5.362324	

ELEM 215 ========== LENGTH = 2.976842

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.624236	1.919333	-0.482703
-5.61E-05	-0.265609	-5.313978	
0.14082	-0.624236	1.919333	-0.482703
-5.61E-05	-0.063255	-6.118582	
0.28165	-0.624236	1.919333	-0.482703
-5.61E-05	0.139099	-6.923187	
0.42247	-0.624236	1.919333	-0.482703
-5.61E-05	0.341453	-7.727791	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 57
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56330	-0.624236	1.919333	-0.482703
-5.61E-05	0.543808	-8.532396	

ELEM 216 ========== LENGTH = 2.977556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.208403	-6.914611	-0.489446
0.000108	-0.552191	-27.825219	
0.57745	0.208403	-6.914611	-0.489446
0.000108	-0.346923	-24.925308	
0.71830	0.208403	-6.914611	-0.489446
0.000108	-0.141655	-22.025397	
0.85915	0.208403	-6.914611	-0.489446
0.000108	0.063614	-19.125486	
1.00000	0.208403	-6.914611	-0.489446
0.000108	0.268882	-16.225575	

ELEM 217 ========== LENGTH = 2.977615

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.822873	10.486908	-0.503884
-4.43E-05	-0.280326	-16.199001	
0.14085	-0.822873	10.486908	-0.503884
-4.43E-05	-0.068995	-20.597251	
0.28170	-0.822873	10.486908	-0.503884
-4.43E-05	0.142336	-24.995501	
0.42256	-0.822873	10.486908	-0.503884
-4.43E-05	0.353667	-29.393751	
0.56341	-0.822873	10.486908	-0.503884
-4.43E-05	0.564998	-33.792001	

ELEM 218 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.498898	-4.881220	-0.358015
5.82E-05	-0.404217	-32.555800	
0.57747	0.498898	-4.881220	-0.358015
5.82E-05	-0.254083	-30.508852	
0.71831	0.498898	-4.881220	-0.358015
5.82E-05	-0.103949	-28.461904	
0.85916	0.498898	-4.881220	-0.358015
5.82E-05	0.046185	-26.414956	
1.00000	0.498898	-4.881220	-0.358015
5.82E-05	0.196319	-24.368009	

ELEM 219 ========== LENGTH = 2.977474

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.496571	12.395359	-0.372049
-7.98E-05	-0.207222	-24.359561	
0.14085	-0.496571	12.395359	-0.372049
-7.98E-05	-0.051196	-29.557786	
0.28169	-0.496571	12.395359	-0.372049
-7.98E-05	0.104830	-34.756010	
0.42254	-0.496571	12.395359	-0.372049
-7.98E-05	0.260855	-39.954234	
0.56339	-0.496571	12.395359	-0.372049
-7.98E-05	0.416881	-45.152459	

ELEM 220 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.763083	-5.442848	-0.128300
5.67E-06	-0.144719	-37.725986	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 58
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	0.763083	-5.442848	-0.128300
5.67E-06	-0.090918	-35.443618	
0.71832	0.763083	-5.442848	-0.128300
5.67E-06	-0.037118	-33.161249	
0.85916	0.763083	-5.442848	-0.128300
5.67E-06	0.016683	-30.878881	
1.00000	0.763083	-5.442848	-0.128300
5.67E-06	0.070483	-28.596512	

ELEM 221 ========== LENGTH = 2.977396

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.216273	11.823709	-0.134150
-2.42E-05	-0.075039	-28.597328	
0.14084	-0.216273	11.823709	-0.134150
-2.42E-05	-0.018783	-33.555590	
0.28169	-0.216273	11.823709	-0.134150
-2.42E-05	0.037472	-38.513851	
0.42253	-0.216273	11.823709	-0.134150
-2.42E-05	0.093728	-43.472113	
0.56338	-0.216273	11.823709	-0.134150
-2.42E-05	0.149984	-48.430375	

ELEM 222 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.762775	-5.440597	0.133275
-5.11E-06	0.150024	-37.721586	
0.57747	0.762775	-5.440597	0.133275
-5.11E-06	0.094137	-35.440162	
0.71832	0.762775	-5.440597	0.133275
-5.11E-06	0.038251	-33.158737	
0.85916	0.762775	-5.440597	0.133275
-5.11E-06	-0.017636	-30.877313	
1.00000	0.762775	-5.440597	0.133275
-5.11E-06	-0.073522	-28.595889	

ELEM 223 ========== LENGTH = 2.977396

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.216489	11.825964	0.137551
2.42E-05	0.076753	-28.596706	
0.14084	-0.216489	11.825964	0.137551
2.42E-05	0.019071	-33.555913	
0.28169	-0.216489	11.825964	0.137551
2.42E-05	-0.038611	-38.515120	
0.42253	-0.216489	11.825964	0.137551
2.42E-05	-0.096293	-43.474327	
0.56338	-0.216489	11.825964	0.137551
2.42E-05	-0.153975	-48.433534	

ELEM 224 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.496362	-4.872849	0.363788
-5.76E-05	0.410402	-32.539884	
0.57747	0.496362	-4.872849	0.363788
-5.76E-05	0.257847	-30.496446	
0.71831	0.496362	-4.872849	0.363788
-5.76E-05	0.105292	-28.453008	
0.85916	0.496362	-4.872849	0.363788
-5.76E-05	-0.047263	-26.409571	
1.00000	0.496362	-4.872849	0.363788
-5.76E-05	-0.199819	-24.366133	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 59
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 225 ========== LENGTH = 2.977474

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.498836	12.403699	0.376184
7.97E-05	0.209336	-24.357690	
0.14085	-0.498836	12.403699	0.376184
7.97E-05	0.051576	-29.559412	
0.28169	-0.498836	12.403699	0.376184
7.97E-05	-0.106184	-34.761134	
0.42254	-0.498836	12.403699	0.376184
7.97E-05	-0.263943	-39.962856	
0.56339	-0.498836	12.403699	0.376184
7.97E-05	-0.421703	-45.164578	

ELEM 226 ========== LENGTH = 2.977556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.199640	-6.895661	0.496821
-0.000108	0.560135	-27.789974	
0.57745	0.199640	-6.895661	0.496821
-0.000108	0.351774	-24.898011	
0.71830	0.199640	-6.895661	0.496821
-0.000108	0.143413	-22.006047	
0.85915	0.199640	-6.895661	0.496821
-0.000108	-0.064948	-19.114083	
1.00000	0.199640	-6.895661	0.496821
-0.000108	-0.273310	-16.222120	

ELEM 227 ========== LENGTH = 2.977615

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.831192	10.505856	0.509454
4.41E-05	0.283221	-16.195552	
0.14085	-0.831192	10.505856	0.509454
4.41E-05	0.069554	-20.511748	
0.28170	-0.831192	10.505856	0.509454
4.41E-05	-0.144113	-25.007945	
0.42256	-0.831192	10.505856	0.509454
4.41E-05	-0.357780	-29.414142	
0.56341	-0.831192	10.505856	0.509454
4.41E-05	-0.571447	-33.820338	

ELEM 228 ========== LENGTH = 2.977780

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.465565	-16.142668	0.489339
-0.000280	0.552622	-32.439894	
0.57743	0.465565	-16.142668	0.489339
-0.000280	0.347371	-25.668934	
0.71828	0.465565	-16.142668	0.489339
-0.000280	0.142120	-18.897974	
0.85914	0.465565	-16.142668	0.489339
-0.000280	-0.063131	-12.127013	
1.00000	0.465565	-16.142668	0.489339
-0.000280	-0.268381	-5.356053	

ELEM 229 ========== LENGTH = 2.976842

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.641457	1.950289	0.490311
5.55E-05	0.269572	-5.307174	
0.14082	-0.641457	1.950289	0.490311
5.55E-05	0.064028	-6.125295	
0.28165	-0.641457	1.950289	0.490311
5.55E-05	-0.141516	-6.942877	
0.42247	-0.641457	1.950289	0.490311
5.55E-05	-0.347059	-7.760458	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 60
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56330	-0.641457	1.950289	0.490311
5.55E-05	-0.552603	-8.578040	

ELEM 230 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.580932	-31.310210	0.351668
-3.22E-05	0.380454	-49.175848	
0.57750	1.580932	-31.310210	0.351668
-3.22E-05	0.233010	-36.048405	
0.71833	1.580932	-31.310210	0.351668
-3.22E-05	0.085566	-22.920962	
0.85917	1.580932	-31.310210	0.351668
-3.22E-05	-0.061878	-9.793518	
1.00000	1.580932	-31.310210	0.351668
-3.22E-05	-0.209322	3.333925	

ELEM 231 ========== LENGTH = 2.977141

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.639401	-15.456448	0.337049
-0.000241	0.199019	3.386368	
0.14083	0.639401	-15.456448	0.337049
-0.000241	0.057700	9.867030	

0.28167	0.639401	-15.456448	0.337049
-0.000241	-0.083620	16.347692	
0.42250	0.639401	-15.456448	0.337049
-0.000241	-0.224940	22.828354	
0.56334	0.639401	-15.456448	0.337049
-0.000241	-0.366259	29.309016	

ELEM 232 ========== LENGTH = 2.977323

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	2.176674	-36.715057	0.132678
-3.46E-06	0.139194	-57.566405	
0.57748	2.176674	-36.715057	0.132678
-3.46E-06	0.083558	-42.170650	
0.71832	2.176674	-36.715057	0.132678
-3.46E-06	0.027922	-26.774895	
0.85916	2.176674	-36.715057	0.132678
-3.46E-06	-0.027714	-11.379140	
1.00000	2.176674	-36.715057	0.132678
-3.46E-06	-0.083350	4.016615	

ELEM 233 ========== LENGTH = 2.977383

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.400492	-25.199548	0.131719
-1.71E-05	0.082471	4.057842	
0.14084	1.400492	-25.199548	0.131719
-1.71E-05	0.027235	14.625167	
0.28169	1.400492	-25.199548	0.131719
-1.71E-05	-0.028001	25.192492	
0.42253	1.400492	-25.199548	0.131719
-1.71E-05	-0.083237	35.759818	
0.56337	1.400492	-25.199548	0.131719
-1.71E-05	-0.138473	46.327143	

ELEM 234 ========== LENGTH = 2.977599

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.614381	-31.422271	-0.106219
2.80E-05	-0.114901	-49.352788	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57745	1.614381	-31.422271	-0.106219
2.80E-05	-0.070353	-36.174297	
0.71830	1.614381	-31.422271	-0.106219
2.80E-05	-0.025805	-22.995807	
0.85915	1.614381	-31.422271	-0.106219
2.80E-05	0.018744	-9.817317	
1.00000	1.614381	-31.422271	-0.106219
2.80E-05	0.063292	3.361173	

ELEM 235 ========== LENGTH = 2.977688

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.627324	-15.594673	-0.092058
0.000207	-0.053560	3.413268	
0.14085	0.627324	-15.594673	-0.092058
0.000207	-0.014949	9.954017	
0.28171	0.627324	-15.594673	-0.092058
0.000207	0.023663	16.494766	
0.42256	0.627324	-15.594673	-0.092058
0.000207	0.062274	23.035515	
0.56342	0.627324	-15.594673	-0.092058
0.000207	0.100885	29.576265	

ELEM 236 ========== LENGTH = 2.977077

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.479560	-16.210389	-0.275357
0.000277	-0.312691	32.495171	
0.57750	0.479560	-16.210389	-0.275357
0.000277	-0.197243	-25.698653	
0.71833	0.479560	-16.210389	-0.275357
0.000277	-0.081794	-18.902135	
0.85917	0.479560	-16.210389	-0.275357
0.000277	0.033655	-12.105617	
1.00000	0.479560	-16.210389	-0.275357
0.000277	0.149104	-5.309099	

ELEM 237 ========== LENGTH = 2.977171

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.631024	1.888335	-0.274354
-8.72E-05	-0.149166	-5.255010	
0.14084	-0.631024	1.888335	-0.274354
-8.72E-05	-0.034132	-6.046775	
0.28167	-0.631024	1.888335	-0.274354
-8.72E-05	0.080903	-6.838541	
0.42251	-0.631024	1.888335	-0.274354
-8.72E-05	0.195937	-7.630306	
0.56334	-0.631024	1.888335	-0.274354
-8.72E-05	0.310972	-8.422072	

ELEM 238 ========== LENGTH = 2.977668

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.216816	-6.868853	-0.309008
0.000106	-0.350054	-27.670742	
0.57744	0.216816	-6.868853	-0.309008
0.000106	-0.220450	-24.789827	
0.71829	0.216816	-6.868853	-0.309008
0.000106	-0.090847	-21.908913	
0.85915	0.216816	-6.868853	-0.309008
0.000106	0.038756	-19.027999	
1.00000	0.216816	-6.868853	-0.309008
0.000106	0.168360	-16.147085	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 239 ========== LENGTH = 2.977689

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.819225	10.486946	-0.320413
-7.12E-05	-0.177386	-16.114595	
0.14085	-0.819225	10.486946	-0.320413
-7.12E-05	-0.042998	-20.513053	
0.28171	-0.819225	10.486946	-0.320413
-7.12E-05	0.091390	-24.911511	
0.42256	-0.819225	10.486946	-0.320413
-7.12E-05	0.225778	-29.309969	
0.56342	-0.819225	10.486946	-0.320413
-7.12E-05	0.360167	-33.708426	

ELEM 240 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.525540	-4.837293	-0.220284
5.78E-05	-0.249591	-32.309979	
0.57748	0.525540	-4.837293	-0.220284
5.78E-05	-0.157223	-30.281631	
0.71832	0.525540	-4.837293	-0.220284
5.78E-05	-0.064855	-28.253283	
0.85916	0.525540	-4.837293	-0.220284
5.78E-05	0.027513	-26.224935	
1.00000	0.525540	-4.837293	-0.220284
5.78E-05	0.119881	-24.196587	

ELEM 241 ========== LENGTH = 2.977363

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.484426	12.477808	-0.231516
-0.000100	-0.128512	-24.179397	
0.14084	-0.484426	12.477808	-0.231516
-0.000100	-0.031428	-29.411850	
0.28169	-0.484426	12.477808	-0.231516
-0.000100	0.065656	-34.644304	
0.42253	-0.484426	12.477808	-0.231516
-0.000100	0.162740	-39.876757	
0.56337	-0.484426	12.477808	-0.231516
-0.000100	0.259824	-45.109210	

ELEM 242 ========== LENGTH = 2.976964

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43689	0.818211	-5.317768	-0.052479
7.70E-06	-0.059315	-37.281800	
0.57751	0.818211	-5.317768	-0.052479
7.70E-06	-0.037313	-35.052373	
0.71834	0.818211	-5.317768	-0.052479
7.70E-06	-0.015312	-32.822946	
0.85917	0.818211	-5.317768	-0.052479
7.70E-06	0.006690	-30.593519	
1.00000	0.818211	-5.317768	-0.052479
7.70E-06	0.028691	-28.364093	

ELEM 243 ========== LENGTH = 2.978021

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176862	11.945673	-0.055904
-3.32E-05	-0.031277	-28.352454	
0.14087	-0.176862	11.945673	-0.055904
-3.32E-05	-0.007825	-33.363727	
0.28173	-0.176862	11.945673	-0.055904
-3.32E-05	0.015627	-38.375000	
0.42260	-0.176862	11.945673	-0.055904
-3.32E-05	0.039078	-43.386274	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56347	-0.176862	11.945673	-0.055904
-3.32E-05	0.062530	-48.397547	

ELEM 244 ========== LENGTH = 2.977743

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.841156	-5.198215	0.130550
-4.04E-06	0.147806	36.982001	
0.57743	0.841156	-5.198215	0.130550
-4.04E-06	0.093049	-34.801685	
0.71829	0.841156	-5.198215	0.130550
-4.04E-06	0.038291	-32.621368	
0.85914	0.841156	-5.198215	0.130550
-4.04E-06	-0.016466	-30.441051	
1.00000	0.841156	-5.198215	0.130550
-4.04E-06	-0.071223	-28.260735	

ELEM 245 ========== LENGTH = 2.977803

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.157826	12.067175	0.136498
3.09E-05	0.075873	-28.247539	
0.14086	-0.157826	12.067175	0.136498
3.09E-05	0.018619	31.302124	
0.28172	-0.157826	12.067175	0.136498
3.09E-05	-0.038635	-38.370708	
0.42258	-0.157826	12.067175	0.136498
3.09E-05	-0.095889	-43.432293	
0.56344	-0.157826	12.067175	0.136498
3.09E-05	-0.153143	-48.493878	

ELEM 246 ========== LENGTH = 2.977541

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.556060	-4.502234	0.266004
-5.49E-05	0.301774	-31.414422	
0.57745	0.556060	-4.502234	0.266004
-5.49E-05	0.190216	-29.526252	
0.71830	0.556060	-4.502234	0.266004
-5.49E-05	0.078657	-27.638081	
0.85915	0.556060	-4.502234	0.266004
-5.49E-05	-0.032901	-25.749911	
1.00000	0.556060	-4.502234	0.266004
-5.49E-05	-0.144459	-23.861741	

ELEM 247 ========== LENGTH = 2.977660

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468505	12.884878	0.279879
0.000100	0.155220	-23.836120	
0.14085	-0.468505	12.884878	0.279879
0.000100	0.037835	-29.240232	
0.28171	-0.468505	12.884878	0.279879
0.000100	-0.079551	-34.644343	
0.42256	-0.468505	12.884878	0.279879
0.000100	-0.196937	-40.048454	
0.56342	-0.468505	12.884878	0.279879
0.000100	-0.314322	-45.452565	

ELEM 248 ========== LENGTH = 2.976473

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.146550	-6.167026	0.295378
-0.000106	0.335694	-26.015084	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57757	0.146550	-6.167026	0.295378
-0.000106	0.211895	-23.430372	
0.71838	0.146550	-6.167026	0.295378
-0.000106	0.088097	-20.845659	
0.85919	0.146550	-6.167026	0.295378
-0.000106	-0.035702	-18.260946	
1.00000	0.146550	-6.167026	0.295378
-0.000106	-0.159500	-15.676233	

ELEM 249 ========== LENGTH = 2.977593

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.904115	11.153390	0.309607
7.61E-05	0.170846	-15.632585	
0.14085	-0.904115	11.153390	0.309607
7.61E-05	0.040998	-20.310297	
0.28170	-0.904115	11.153390	0.309607
7.61E-05	-0.088851	-24.988010	
0.42255	-0.904115	11.153390	0.309607
7.61E-05	-0.218700	-29.665723	
0.56341	-0.904115	11.153390	0.309607
7.61E-05	-0.348549	-34.343436	

ELEM 250 ========== LENGTH = 2.977542

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.137268	-15.215766	0.178315
-0.000285	0.205084	-30.154709	
0.57745	0.137268	-15.215766	0.178315
-0.000285	0.130301	-23.779436	
0.71830	0.137268	-15.215766	0.178315
-0.000285	0.055518	-17.392164	
0.85915	0.137268	-15.215766	0.178315
-0.000285	-0.019265	-11.010891	
1.00000	0.137268	-15.215766	0.178315
-0.000285	-0.094048	-4.629618	

ELEM 251 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.999389	2.987274	0.182176
9.70E-05	0.097689	-4.560437	
0.14085	-0.999389	2.987274	0.182176
9.70E-05	0.021288	-5.813250	
0.28170	-0.999389	2.987274	0.182176
9.70E-05	-0.055113	-7.066062	
0.42255	-0.999389	2.987274	0.182176
9.70E-05	-0.131515	-8.318874	
0.56340	-0.999389	2.987274	0.182176
9.70E-05	-0.207916	-9.571687	

ELEM 252 ========== LENGTH = 2.977627

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.892486	-30.384303	-0.102467
-4.05E-05	-0.110998	-47.010319	
0.57744	0.892486	-30.384303	-0.102467
-4.05E-05	-0.068023	-34.266935	
0.71829	0.892486	-30.384303	-0.102467
-4.05E-05	-0.025048	-21.523552	
0.85915	0.892486	-30.384303	-0.102467
-4.05E-05	0.017928	-8.780168	
1.00000	0.892486	-30.384303	-0.102467
-4.05E-05	0.060903	3.963215	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 253 ========== LENGTH = 2.977613

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.163513	-14.481793	-0.113068
-0.000203	-0.068047	4.029416	
0.14085	-0.163513	-14.481793	-0.113068
-0.000203	0.026626	10.103126	
0.28170	-0.163513	-14.481793	-0.113068
-0.000203	0.026796	16.176836	
0.42256	-0.163513	-14.481793	-0.113068
-0.000203	0.074217	22.250547	
0.56341	-0.163513	-14.481793	-0.113068
-0.000203	0.121638	28.324257	

ELEM 254 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.287788	-35.910332	-0.434090
-1.90E-05	-0.455825	-55.825140	
0.57747	1.287788	-35.910332	-0.434090
-1.90E-05	-0.273790	-40.766194	
0.71831	1.287788	-35.910332	-0.434090
-1.90E-05	-0.091755	-25.707247	
0.85916	1.287788	-35.910332	-0.434090
-1.90E-05	0.090281	-10.648300	
1.00000	1.287788	-35.910332	-0.434090
-1.90E-05	0.272316	4.410646	

ELEM 255 ========== LENGTH = 2.977377

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.475519	-24.293683	-0.435629
1.99E-05	-0.273244	4.460079	
0.14084	0.475519	-24.293683	-0.435629
1.99E-05	-0.090565	14.647492	
0.28169	0.475519	-24.293683	-0.435629
1.99E-05	0.092113	24.834905	
0.42253	0.475519	-24.293683	-0.435629
1.99E-05	0.274791	35.022319	
0.56337	0.475519	-24.293683	-0.435629
1.99E-05	0.457470	45.209732	

ELEM 256 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.820554	-30.437139	-0.704960
4.36E-07	-0.762962	-47.499934	
0.57749	0.820554	-30.437139	-0.704960
4.36E-07	-0.467373	-34.737677	
0.71833	0.820554	-30.437139	-0.704960
4.36E-07	-0.171784	-21.975420	
0.85916	0.820554	-30.437139	-0.704960
4.36E-07	0.123805	-9.213163	
1.00000	0.820554	-30.437139	-0.704960
4.36E-07	0.419395	3.549094	

ELEM 257 ========== LENGTH = 2.978250

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085076	-14.469843	-0.695133
0.000245	-0.412670	3.617795	
0.14088	-0.085076	-14.469843	-0.695133
0.000245	-0.121019	9.688799	
0.28175	-0.085076	-14.469843	-0.695133
0.000245	0.170633	15.759803	
0.42263	-0.085076	-14.469843	-0.695133
0.000245	0.462284	21.830807	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56350	-0.085076	-14.469843	-0.695133
0.000245	0.753936	27.901811	

ELEM 258 ========== LENGTH = 2.977458

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.158247	-15.447014	-0.892153
0.000243	-1.004145	-31.687975	
0.57746	0.158247	-15.447014	-0.892153
0.000243	-0.630007	-25.210047	
0.71831	0.158247	-15.447014	-0.892153
0.000243	-0.255870	-18.732119	
0.85915	0.158247	-15.447014	-0.892153
0.000243	0.118267	-12.254191	
1.00000	0.158247	-15.447014	-0.892153
0.000243	0.492404	-5.776263	

ELEM 259 ========== LENGTH = 2.977431

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.968938	2.745769	-0.895842
-6.01E-05	-0.495225	-5.719539	
0.14085	-0.968938	2.745769	-0.895842
-6.01E-05	-0.119547	-6.870999	
0.28169	-0.968938	2.745769	-0.895842
-6.01E-05	0.256132	-8.022459	
0.42254	-0.968938	2.745769	-0.895842
-6.01E-05	0.631810	-9.173919	
0.56338	-0.968938	2.745769	-0.895842
-6.01E-05	1.007489	-10.325379	

ELEM 260 ========== LENGTH = 2.977796

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.136162	-6.607232	-0.930086
6.47E-05	-1.044646	-28.689885	
0.57742	0.136162	-6.607232	-0.930086
6.47E-05	-0.654522	-25.918489	
0.71828	0.136162	-6.607232	-0.930086
6.47E-05	-0.264399	-23.147093	
0.85914	0.136162	-6.607232	-0.930086
6.47E-05	0.125725	-20.375696	
1.00000	0.136162	-6.607232	-0.930086
6.47E-05	0.515849	-17.604300	

ELEM 261 ========== LENGTH = 2.976771

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.892503	10.757027	-0.941513
-5.25E-05	-0.523477	-17.578530	
0.14082	-0.892503	10.757027	-0.941513
-5.25E-05	-0.128802	-22.087797	
0.28164	-0.892503	10.757027	-0.941513
-5.25E-05	0.265874	-26.597064	
0.42246	-0.892503	10.757027	-0.941513
-5.25E-05	0.660549	-31.106330	
0.56329	-0.892503	10.757027	-0.941513
-5.25E-05	1.055225	-35.615597	

ELEM 262 ========== LENGTH = 2.977216

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.430617	-5.309343	-0.778315
1.33E-05	-0.872266	-35.654783	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57749	0.430617	-5.309343	-0.778315
1.33E-05	-0.545915	-33.428554	
0.71832	0.430617	-5.309343	-0.778315
1.33E-05	-0.219565	-31.202325	
0.85916	0.430617	-5.309343	-0.778315
1.33E-05	0.106786	-28.976096	
1.00000	0.430617	-5.309343	-0.778315
1.33E-05	0.433136	-26.749867	

ELEM 263 ========== LENGTH = 2.978174

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.555914	12.020726	-0.775786
-9.43E-05	-0.430403	-26.748563	
0.14087	-0.555914	12.020726	-0.775786
-9.43E-05	-0.104927	-31.791679	
0.28175	-0.555914	12.020726	-0.775786
-9.43E-05	0.220549	-36.834996	
0.42262	-0.555914	12.020726	-0.775786
-9.43E-05	0.546025	-41.878212	
0.56349	-0.555914	12.020726	-0.775786
-9.43E-05	0.871501	-46.921428	

ELEM 264 ========== LENGTH = 2.977605

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.479202	-6.734306	-0.475516
-2.64E-05	-0.530341	-43.616753	
0.57744	0.479202	-6.734306	-0.475516
-2.64E-05	-0.330909	-40.792376	
0.71830	0.479202	-6.734306	-0.475516
-2.64E-05	-0.131477	-37.967999	
0.85915	0.479202	-6.734306	-0.475516
-2.64E-05	0.067955	-35.143622	
1.00000	0.479202	-6.734306	-0.475516
-2.64E-05	0.267387	-32.319245	

ELEM 265 ========== LENGTH = 2.977767

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.476944	10.550827	-0.454296
-5.63E-05	-0.249434	-32.335307	
0.14086	-0.476944	10.550827	-0.454296
-5.63E-05	-0.058883	-36.760763	
0.28172	-0.476944	10.550827	-0.454296
-5.63E-05	0.131668	-41.186219	
0.42257	-0.476944	10.550827	-0.454296
-5.63E-05	0.322218	-45.611676	
0.56343	-0.476944	10.550827	-0.454296
-5.63E-05	0.512769	-50.037132	

ELEM 266 ========== LENGTH = 2.977068

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.091315	-7.821866	-0.083849
-1.84E-05	-0.088589	-47.194731	
0.57750	0.091315	-7.821866	-0.083849
-1.84E-05	-0.053434	-43.915281	
0.71834	0.091315	-7.821866	-0.083849
-1.84E-05	-0.018279	-40.635831	
0.85917	0.091315	-7.821866	-0.083849
-1.84E-05	0.016876	-37.356381	
1.00000	0.091315	-7.821866	-0.083849
-1.84E-05	0.052031	-34.076930	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 267 ========== LENGTH = 2.977234

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.850613	9.466779	-0.037183
-1.19E-05	-0.013787	-34.102776	
0.14084	-0.850613	9.466779	-0.037183
-1.19E-05	0.001805	-38.072277	
0.28168	-0.850613	9.466779	-0.037183
-1.19E-05	0.017396	-42.041777	
0.42251	-0.850613	9.466779	-0.037183
-1.19E-05	0.032987	-46.011278	
0.56335	-0.850613	9.466779	-0.037183
-1.19E-05	0.048578	-49.980779	

ELEM 268 ========== LENGTH = 2.976708

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.592946	-7.479815	0.343660
-1.90E-05	0.393069	-44.547688	
0.57754	-0.592946	-7.479815	0.343660
-1.90E-05	0.249015	-41.412321	
0.71836	-0.592946	-7.479815	0.343660
-1.90E-05	0.104961	-38.276954	
0.85918	-0.592946	-7.479815	0.343660
-1.90E-05	-0.039094	-35.141587	
1.00000	-0.592946	-7.479815	0.343660
-1.90E-05	-0.183148	-32.006220	

ELEM 269 ========== LENGTH = 2.977871

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.536940	9.859072	0.413381
4.45E-05	0.240584	-32.032533	
0.14086	-1.536940	9.859072	0.413381
4.45E-05	0.067184	-36.168097	
0.28172	-1.536940	9.859072	0.413381
4.45E-05	-0.106216	-40.303660	
0.42258	-1.536940	9.859072	0.413381
4.45E-05	-0.279617	-44.439224	
0.56345	-1.536940	9.859072	0.413381
4.45E-05	-0.453017	-48.574787	

ELEM 270 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.638732	-6.679011	0.759933
-2.03E-05	0.859641	-37.001907	
0.57745	-0.638732	-6.679011	0.759933
-2.03E-05	0.540937	-34.200841	
0.71830	-0.638732	-6.679011	0.759933
-2.03E-05	0.222234	-31.399776	
0.85915	-0.638732	-6.679011	0.759933
-2.03E-05	-0.096469	-28.598710	
1.00000	-0.638732	-6.679011	0.759933
-2.03E-05	-0.415172	-25.797644	

ELEM 271 ========== LENGTH = 2.977477

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.599597	10.816701	0.836618
6.12E-05	0.480189	-25.816236	
0.14085	-1.599597	10.816701	0.836618
6.12E-05	0.129337	-30.352428	
0.28169	-1.599597	10.816701	0.836618
6.12E-05	-0.221515	-34.888621	
0.42254	-1.599597	10.816701	0.836618
6.12E-05	-0.572367	-39.424813	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56339	-1.599597	10.816701	0.836618
6.12E-05	-0.923219	-43.961005	

ELEM 272 ========== LENGTH = 2.977211

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	2.569846	-8.384632	1.136839
-0.000185	1.288276	-28.788499	
0.57749	2.569846	-8.384632	1.136839
-0.000185	0.811596	-25.272800	
0.71833	2.569846	-8.384632	1.136839
-0.000185	0.334917	-21.757101	
0.85916	2.569846	-8.384632	1.136839
-0.000185	-0.141763	-18.241402	
1.00000	2.569846	-8.384632	1.136839
-0.000185	-0.618443	-14.725704	

ELEM 273 ========== LENGTH = 2.977271

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.575879	8.960750	1.169803
0.000146	0.654772	-14.734896	
0.14084	1.575879	8.960750	1.169803
0.000146	0.164253	-18.492297	
0.28168	1.575879	8.960750	1.169803
0.000146	-0.326266	-22.249697	
0.42252	1.575879	8.960750	1.169803
0.000146	-0.816785	-26.007098	
0.56336	1.575879	8.960750	1.169803
0.000146	-1.307304	-29.764499	

ELEM 274 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	12.975267	-19.043548	1.647055
-5.86E-05	1.730104	-31.554113	
0.57750	12.975267	-19.043548	1.647055
-5.86E-05	1.039543	-23.569718	
0.71833	12.975267	-19.043548	1.647055
-5.86E-05	0.348982	-15.585324	
0.85917	12.975267	-19.043548	1.647055
-5.86E-05	-0.341579	-7.600929	
1.00000	12.975267	-19.043548	1.647055
-5.86E-05	-1.032140	0.383465	

ELEM 275 ========== LENGTH = 2.977015

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.816239	-4.053418	1.577256
-0.000180	0.996549	0.389813	
0.14083	12.816239	-4.053418	1.577256
-0.000180	0.335278	2.089223	
0.28166	12.816239	-4.053418	1.577256
-0.000180	-0.325993	3.788634	
0.42249	12.816239	-4.053418	1.577256
-0.000180	-0.987264	5.488045	
0.56332	12.816239	-4.053418	1.577256
-0.000180	-1.648535	7.187456	

ELEM 276 ========== LENGTH = 2.977110

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	23.459905	-27.011787	1.424221
-0.000220	1.633930	-40.433243	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57750	23.459905	-27.011787	1.424221
-0.000220	1.036787	-29.107811	
0.71833	23.459905	-27.011787	1.424221
-0.000220	0.439643	-17.782378	
0.85917	23.459905	-27.011787	1.424221
-0.000220	-0.157500	-6.456946	
1.00000	23.459905	-27.011787	1.424221
-0.000220	-0.754644	4.868487	

ELEM 277 ========== LENGTH = 2.977170

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.197131	-22.695792	1.320214
-8.61E-05	0.695137	4.868352	
0.14084	22.197131	-22.695792	1.320214
-8.61E-05	0.141581	14.384525	
0.28167	22.197131	-22.695792	1.320214
-8.61E-05	-0.411974	23.900698	
0.42251	22.197131	-22.695792	1.320214
-8.61E-05	-0.965530	33.416871	
0.56334	22.197131	-22.695792	1.320214
-8.61E-05	-1.519086	42.933045	

ELEM 278 ========== LENGTH = 2.978100

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-4.559652	54.257956	-1.398542
-0.000898	-1.607211	65.102739	
0.57739	-4.559652	54.257956	-1.398542
-0.000898	-1.020487	42.300176	
0.71826	-4.559652	54.257956	-1.398542
-0.000898	-0.433764	19.537613	
0.85913	-4.559652	54.257956	-1.398542
-0.000898	0.152960	-3.224950	
1.00000	-4.559652	54.257956	-1.398542
-0.000898	0.739683	-25.987512	

ELEM 279 ========== LENGTH = 2.977238

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.936468	59.516569	-1.453660
-0.000726	-0.771714	-25.986455	
0.14084	-5.936468	59.516569	-1.453660
-0.000726	-0.162181	-50.942325	
0.28168	-5.936468	59.516569	-1.453660
-0.000726	0.447353	-75.898195	
0.42252	-5.936468	59.516569	-1.453660
-0.000726	1.056887	-100.854065	
0.56335	-5.936468	59.516569	-1.453660
-0.000726	1.666420	-125.809935	

ELEM 280 ========== LENGTH = 2.978072

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-1.128206	13.363886	-1.663084
-0.000987	-1.739389	-1.224152	
0.57739	-1.128206	13.363886	-1.663084
-0.000987	-1.041695	-6.830541	
0.71826	-1.128206	13.363886	-1.663084
-0.000987	-0.344002	-12.436930	
0.85913	-1.128206	13.363886	-1.663084
-0.000987	0.353692	-18.043320	
1.00000	-1.128206	13.363886	-1.663084
-0.000987	1.051386	-23.649709	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 281 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.512899	32.668295	-1.698489
-0.000508	-1.069469	-23.639277	
0.14083	-1.512899	32.668295	-1.698489
-0.000508	-0.357343	-37.336124	
0.28167	-1.512899	32.668295	-1.698489
-0.000508	0.354783	-51.032970	
0.42250	-1.512899	32.668295	-1.698489
-0.000508	1.066909	-64.729817	
0.56333	-1.512899	32.668295	-1.698489
-0.000508	1.779035	-78.426663	

ELEM 282 ========== LENGTH = 2.977211

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	2.571962	-15.105582	-1.237511
-0.000416	-1.385922	-55.932911	
0.57749	2.571962	-15.105582	-1.237511
-0.000416	-0.867031	-49.599100	
0.71833	2.571962	-15.105582	-1.237511
-0.000416	-0.348139	-43.265289	
0.85916	2.571962	-15.105582	-1.237511
-0.000416	0.170753	-36.931477	
1.00000	2.571962	-15.105582	-1.237511
-0.000416	0.689644	-30.597666	

ELEM 283 ========== LENGTH = 2.977332

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.271086	7.386688	-1.211906
-0.000589	-0.665532	-30.599407	
0.14084	1.271086	7.386688	-1.211906
-0.000589	-0.157340	-33.696889	
0.28168	1.271086	7.386688	-1.211906
-0.000589	0.350852	-36.794371	
0.42253	1.271086	7.386688	-1.211906
-0.000589	0.859045	-39.891852	
0.56337	1.271086	7.386688	-1.211906
-0.000589	1.367237	-42.989334	

ELEM 284 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	2.361419	-23.146927	-0.898098
-0.000309	-0.997011	-75.372498	
0.57745	2.361419	-23.146927	-0.898098
-0.000309	-0.620364	-65.665063	
0.71830	2.361419	-23.146927	-0.898098
-0.000309	-0.243717	-55.957628	
0.85915	2.361419	-23.146927	-0.898098
-0.000309	0.132931	-46.250194	
1.00000	2.361419	-23.146927	-0.898098
-0.000309	0.509578	-36.542759	

ELEM 285 ========== LENGTH = 2.976426

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.103205	-0.618406	-0.860843
-0.000269	-0.478051	-36.554169	
0.14081	1.103205	-0.618406	-0.860843
-0.000269	-0.117266	-36.294991	
0.28162	1.103205	-0.618406	-0.860843
-0.000269	0.243518	-36.035813	
0.42243	1.103205	-0.618406	-0.860843
-0.000269	0.604303	-35.776635	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56323	1.103205	-0.618406	-0.860843
-0.000269	0.965088	-35.517457	

ELEM 286 ========== LENGTH = 2.976819

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	1.628342	-25.048639	-0.474568
-0.000122	0.526001	-82.010153	
0.57753	1.628342	-25.048639	-0.474568
-0.000122	-0.327060	-71.509642	
0.71835	1.628342	-25.048639	-0.474568
-0.000122	-0.128119	-61.009131	
0.85918	1.628342	-25.048639	-0.474568
-0.000122	0.070822	-50.508620	
1.00000	1.628342	-25.048639	-0.474568
-0.000122	0.269763	-40.008109	

ELEM 287 ========== LENGTH = 2.977700

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.385760	-2.651503	-0.445942
-0.000139	-0.246372	-40.027158	
0.14086	0.385760	-2.651503	-0.445942
-0.000139	0.059833	-38.915051	
0.28171	0.385760	-2.651503	-0.445942
-0.000139	0.127707	-37.802944	
0.42257	0.385760	-2.651503	-0.445942
-0.000139	0.314746	-36.690837	
0.56342	0.385760	-2.651503	-0.445942
-0.000139	0.501785	-35.578730	

ELEM 288 ========== LENGTH = 2.977174

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.396875	-24.657648	-0.022876
9.49E-06	-0.022566	-82.822851	
0.57749	1.396875	-24.657648	-0.022876
9.49E-06	-0.012974	-72.484060	
0.71833	1.396875	-24.657648	-0.022876
9.49E-06	0.003382	-62.145268	
0.85916	1.396875	-24.657648	-0.022876
9.49E-06	0.006210	-51.806477	
1.00000	1.396875	-24.657648	-0.022876
9.49E-06	0.015801	-41.467686	

ELEM 289 ========== LENGTH = 2.978167

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157953	-2.317691	-0.008809
3.60E-06	0.003367	-41.486337	
0.14087	0.157953	-2.317691	-0.008809
3.60E-06	-0.000271	-40.513969	
0.28174	0.157953	-2.317691	-0.008809
3.60E-06	0.003425	-39.541601	
0.42262	0.157953	-2.317691	-0.008809
3.60E-06	0.007120	-38.569234	
0.56349	0.157953	-2.317691	-0.008809
3.60E-06	0.010816	-37.596866	

ELEM 290 ========== LENGTH = 2.976714

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	1.561194	-23.334700	0.395765
0.000155	0.444349	-80.173828	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57754	1.561194	-23.334700	0.395765
0.000155	0.278453	-70.392425	
0.71836	1.561194	-23.334700	0.395765
0.000155	0.112557	-60.611023	
0.85918	1.561194	-23.334700	0.395765
0.000155	-0.053340	-50.829620	
1.00000	1.561194	-23.334700	0.395765
0.000155	-0.219236	-41.048218	

ELEM 291 ========== LENGTH = 2.977605

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.310052	-1.018313	0.400979
0.000125	0.223787	-41.057429	
0.14085	0.310052	-1.018313	0.400979
0.000125	0.055617	-40.630347	
0.28170	0.310052	-1.018313	0.400979
0.000125	-0.112554	-40.203265	
0.42256	0.310052	-1.018313	0.400979
0.000125	-0.280725	-39.776183	
0.56341	0.310052	-1.018313	0.400979
0.000125	-0.448896	-39.349101	

ELEM 292 ========== LENGTH = 2.977120

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.692660	-19.625041	0.720082
0.000271	0.807600	-71.511360	
0.57750	1.692660	-19.625041	0.720082
0.000271	0.505584	-63.282972	
0.71833	1.692660	-19.625041	0.720082
0.000271	0.203768	-55.054585	
0.85917	1.692660	-19.625041	0.720082
0.000271	-0.098148	-46.826197	
1.00000	1.692660	-19.625041	0.720082
0.000271	-0.400064	-38.597809	

ELEM 293 ========== LENGTH = 2.977216

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.410884	2.735215	0.725862
0.000291	0.404069	-38.588862	
0.14084	0.410884	2.735215	0.725862
0.000291	0.099712	-39.735749	
0.28168	0.410884	2.735215	0.725862
0.000291	-0.204645	-40.882635	
0.42251	0.410884	2.735215	0.725862
0.000291	-0.509002	-42.029522	
0.56335	0.410884	2.735215	0.725862
0.000291	-0.813359	-43.176409	

ELEM 294 ========== LENGTH = 2.977796

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	1.159903	-9.332555	0.886267
0.000430	0.995025	-49.623526	
0.57742	1.159903	-9.332555	0.886267
0.000430	0.623281	-45.708996	
0.71828	1.159903	-9.332555	0.886267
0.000430	0.251537	-41.794465	
0.85914	1.159903	-9.332555	0.886267
0.000430	-0.120207	-37.879935	
1.00000	1.159903	-9.332555	0.886267
0.000430	-0.491951	-33.965404	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 295 ========== LENGTH = 2.976711

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161291	13.025348	0.904527
0.000412	0.503992	-33.930979	
0.14085	-0.161291	13.025348	0.904527
0.000412	0.124834	-39.390914	
0.28164	-0.161291	13.025348	0.904527
0.000412	-0.254323	-44.850848	
0.42246	-0.161291	13.025348	0.904527
0.000412	-0.633480	-50.310783	
0.56328	-0.161291	13.025348	0.904527
0.000412	-1.012637	-55.770718	

ELEM 296 ========== LENGTH = 2.976463

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.666872	11.280985	0.851093
0.000401	0.958937	-8.099525	
0.57757	-0.666872	11.280985	0.851093
0.000401	0.602231	-12.827563	
0.71838	-0.666872	11.280985	0.851093
0.000401	0.245524	-17.555602	
0.85919	-0.666872	11.280985	0.851093
0.000401	-0.111183	-22.283641	
1.00000	-0.666872	11.280985	0.851093
0.000401	-0.467889	-27.011680	

ELEM 297 ========== LENGTH = 2.977458

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.099269	34.611213	0.883823
0.000611	0.490932	-26.937434	
0.14085	-2.099269	34.611213	0.883823
0.000611	0.120288	-41.452145	
0.28169	-2.099269	34.611213	0.883823
0.000611	-0.250356	-55.966856	
0.42254	-2.099269	34.611213	0.883823
0.000611	-0.621000	-70.481567	
0.56339	-2.099269	34.611213	0.883823
0.000611	-0.991644	-84.996278	

ELEM 298 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.778395	41.382813	0.657928
0.000568	0.714153	47.761669	
0.57749	-3.778395	41.382813	0.657928
0.000568	0.438285	30.409904	
0.71833	-3.778395	41.382813	0.657928
0.000568	0.162417	13.058139	
0.85916	-3.778395	41.382813	0.657928
0.000568	-0.113452	-4.293626	
1.00000	-3.778395	41.382813	0.657928
0.000568	-0.389320	-21.645392	

ELEM 299 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.964806	61.865773	0.694948
0.000175	0.415310	-21.574213	
0.14084	-4.964806	61.865773	0.694948
0.000175	0.123919	-47.514459	
0.28167	-4.964806	61.865773	0.694948
0.000175	-0.167472	-73.454706	
0.42251	-4.964806	61.865773	0.694948
0.000175	-0.458863	-99.394952	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56335	-4.964806	61.865773	0.694948
0.000175	-0.750254	-125.335198	

ELEM 300 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.111721	57.018339	0.397995
2.80E-05	0.417205	73.566729	
0.57747	-5.111721	57.018339	0.397995
2.80E-05	0.250306	49.656170	
0.71831	-5.111721	57.018339	0.397995
2.80E-05	0.083408	25.745610	
0.85916	-5.111721	57.018339	0.397995
2.80E-05	-0.083491	1.835051	
1.00000	-5.111721	57.018339	0.397995
2.80E-05	-0.250389	-22.075509	

ELEM 301 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.130325	71.804143	0.396486
-1.33E-05	0.248727	-22.013886	
0.14084	-6.130325	71.804143	0.396486
-1.33E-05	0.082461	-52.124852	
0.28169	-6.130325	71.804143	0.396486
-1.33E-05	-0.083805	-82.235817	
0.42253	-6.130325	71.804143	0.396486
-1.33E-05	-0.250071	-112.346782	
0.56338	-6.130325	71.804143	0.396486
-1.33E-05	-0.416337	-142.457748	

ELEM 302 ========== LENGTH = 2.977553

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-3.762481	41.653717	0.080459
-0.000508	-0.083947	48.270150	
0.57745	-3.762481	41.653717	0.080459
-0.000508	0.050204	30.810072	
0.71830	-3.762481	41.653717	0.080459
-0.000508	0.016460	13.340995	
0.85915	-3.762481	41.653717	0.080459
-0.000508	-0.017283	-4.128083	
1.00000	-3.762481	41.653717	0.080459
-0.000508	-0.051027	-21.597161	

ELEM 303 ========== LENGTH = 2.976557

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.088885	62.068280	0.041305
-0.000202	0.022440	-21.523093	
0.14081	-5.088885	62.068280	0.041305
-0.000202	0.005127	-47.538351	
0.28163	-5.088885	62.068280	0.041305
-0.000202	-0.012185	-73.553610	
0.42244	-5.088885	62.068280	0.041305
-0.000202	-0.029498	-99.568868	
0.56325	-5.088885	62.068280	0.041305
-0.000202	-0.046810	-125.584127	

ELEM 304 ========== LENGTH = 2.977473

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.734400	11.535391	-0.202866
-0.000340	-0.234675	-7.316562	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57746	-0.734400	11.535391	-0.202866
-0.000340	-0.149600	-12.154138	
0.71831	-0.734400	11.535391	-0.202866
-0.000340	-0.064524	-16.991715	
0.85915	-0.734400	11.535391	-0.202866
-0.000340	0.020552	-21.829291	
1.00000	-0.734400	11.535391	-0.202866
-0.000340	0.105627	-26.666867	

ELEM 305 ========== LENGTH = 2.977542

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.176691	34.874025	-0.238843
-0.000630	-0.131477	-26.585402	
0.14085	-2.176691	34.874025	-0.238843
-0.000630	-0.031309	-41.211065	
0.28170	-2.176691	34.874025	-0.238843
-0.000630	0.068858	-55.836728	
0.42255	-2.176691	34.874025	-0.238843
-0.000630	0.169025	-70.462390	
0.56340	-2.176691	34.874025	-0.238843
-0.000630	0.269193	-85.088053	

ELEM 306 ========== LENGTH = 2.977469

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.121715	-9.137829	-0.324200
-0.000366	-0.367090	-48.720034	
0.57746	1.121715	-9.137829	-0.324200
-0.000366	-0.231131	-44.887929	
0.71831	1.121715	-9.137829	-0.324200
-0.000366	-0.095172	-41.055823	
0.85915	1.121715	-9.137829	-0.324200
-0.000366	0.040787	-37.223717	
1.00000	1.121715	-9.137829	-0.324200
-0.000366	0.176745	-33.391611	

ELEM 307 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222444	13.181944	-0.340126
-0.000421	-0.187904	-33.338818	
0.14085	-0.222444	13.181944	-0.340126
-0.000421	-0.045261	-38.867105	
0.28170	-0.222444	13.181944	-0.340126
-0.000421	0.097383	-44.395392	
0.42255	-0.222444	13.181944	-0.340126
-0.000421	0.240026	-49.923679	
0.56340	-0.222444	13.181944	-0.340126
-0.000421	0.382669	-55.451966	

ELEM 308 ========== LENGTH = 2.977600

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.821839	-19.406063	-0.289697
-0.000203	-0.326583	-70.331387	
0.57744	1.821839	-19.406063	-0.289697
-0.000203	-0.205084	-62.192484	
0.71830	1.821839	-19.406063	-0.289697
-0.000203	-0.083585	-54.053581	
0.85915	1.821839	-19.406063	-0.289697
-0.000203	0.037914	-45.914678	
1.00000	1.821839	-19.406063	-0.289697
-0.000203	0.159413	-37.775775	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 309 ========== LENGTH = 2.976604

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.502075	3.010844	-0.294337
-0.000277	-0.162355	-37.743666	
0.14082	0.502075	3.010844	-0.294337
-0.000277	-0.038983	-39.005664	
0.28163	0.502075	3.010844	-0.294337
-0.000277	0.084389	-40.267662	
0.42245	0.502075	3.010844	-0.294337
-0.000277	0.207760	-41.529660	
0.56326	0.502075	3.010844	-0.294337
-0.000277	0.331132	-42.791658	

ELEM 310 ========== LENGTH = 2.976746

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	1.910731	-22.501432	-0.143828
-7.78E-05	-0.161616	-77.728482	
0.57754	1.910731	-22.501432	-0.143828
-7.78E-05	-0.101326	-68.296185	
0.71836	1.910731	-22.501432	-0.143828
-7.78E-05	-0.041035	-58.863888	
0.85918	1.910731	-22.501432	-0.143828
-7.78E-05	0.019256	-49.431591	
1.00000	1.910731	-22.501432	-0.143828
-7.78E-05	0.079546	-39.999295	

ELEM 311 ========== LENGTH = 2.977743

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.615620	-0.207345	-0.144024
-7.85E-05	-0.079659	-39.978192	
0.14086	0.615620	-0.207345	-0.144024
-7.85E-05	-0.019251	-39.891224	
0.28171	0.615620	-0.207345	-0.144024
-7.85E-05	0.041158	-39.804257	
0.42257	0.615620	-0.207345	-0.144024
-7.85E-05	0.101566	-39.717289	
0.56343	0.615620	-0.207345	-0.144024
-7.85E-05	0.161975	-39.630321	

ELEM 312 ========== LENGTH = 2.976964

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	1.924430	-22.604448	0.051089
6.91E-05	0.057181	-77.833177	
0.57751	1.924430	-22.604448	0.051089
6.91E-05	0.035763	-68.356463	
0.71834	1.924430	-22.604448	0.051089
6.91E-05	0.014344	-58.879750	
0.85917	1.924430	-22.604448	0.051089
6.91E-05	-0.007074	-49.403036	
1.00000	1.924430	-22.604448	0.051089
6.91E-05	-0.028493	-39.926323	

ELEM 313 ========== LENGTH = 2.977961

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.632422	-0.303046	0.049405
8.75E-05	0.027124	-39.907717	
0.14086	0.632422	-0.303046	0.049405
8.75E-05	0.006399	-39.780592	
0.28173	0.632422	-0.303046	0.049405
8.75E-05	-0.014327	-39.653467	
0.42259	0.632422	-0.303046	0.049405
8.75E-05	-0.035052	-39.526342	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56346	0.632422	-0.303046	0.049405
8.75E-05	-0.055777	-39.399217	

ELEM 314 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	1.914038	-19.729996	0.227520
0.000198	0.256074	-70.714524	
0.57748	1.914038	-19.729996	0.227520
0.000198	0.160671	-62.441447	
0.71832	1.914038	-19.729996	0.227520
0.000198	0.065269	-54.168371	
0.85916	1.914038	-19.729996	0.227520
0.000198	-0.030134	-45.895294	
1.00000	1.914038	-19.729996	0.227520
0.000198	-0.125537	-37.622218	

ELEM 315 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.608412	2.610748	0.228092
0.000280	0.125534	-37.597605	
0.14084	0.608412	2.610748	0.228092
0.000280	0.029891	-38.692330	
0.28168	0.608412	2.610748	0.228092
0.000280	-0.065751	-39.787055	
0.42252	0.608412	2.610748	0.228092
0.000280	-0.161393	-40.881780	
0.56336	0.608412	2.610748	0.228092
0.000280	-0.257036	-41.976505	

ELEM 316 ========== LENGTH = 2.976631

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.390304	-9.966298	0.316720
0.000359	0.357456	-49.827433	
0.57755	1.390304	-9.966298	0.316720
0.000359	0.224701	-45.649982	
0.71837	1.390304	-9.966298	0.316720
0.000359	0.091945	-41.472530	
0.85918	1.390304	-9.966298	0.316720
0.000359	-0.040811	-37.295078	
1.00000	1.390304	-9.966298	0.316720
0.000359	-0.173566	-33.117626	

ELEM 317 ========== LENGTH = 2.977668

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.059062	12.379261	0.327671
0.000423	0.181064	-33.074420	
0.14085	0.059062	12.379261	0.327671
0.000423	0.043633	-38.266493	
0.28171	0.059062	12.379261	0.327671
0.000423	-0.093798	-43.458567	
0.42256	0.059062	12.379261	0.327671
0.000423	-0.231229	-48.650640	
0.56342	0.059062	12.379261	0.327671
0.000423	-0.368660	-53.842713	

ELEM 318 ========== LENGTH = 2.978075

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.327768	9.998964	0.268197
0.000342	0.307021	-9.653920	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57739	-0.327768	9.998964	0.268197
0.000342	0.194507	-13.848672	
0.71826	-0.327768	9.998964	0.268197
0.000342	0.081994	-18.043424	
0.85913	-0.327768	9.998964	0.268197
0.000342	-0.030520	-22.238177	
1.00000	-0.327768	9.998964	0.268197
0.000342	-0.143034	-26.432929	

ELEM 319 ========== LENGTH = 2.977112

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.747046	33.250988	0.302473
0.000622	0.167259	-26.372295	
0.14083	-1.747046	33.250988	0.302473
0.000622	0.040438	-40.313698	
0.28167	-1.747046	33.250988	0.302473
0.000622	-0.086382	-54.255102	
0.42250	-1.747046	33.250988	0.302473
0.000622	-0.213202	-68.196505	
0.56334	-1.747046	33.250988	0.302473
0.000622	-0.340022	-82.137909	

ELEM 320 ========== LENGTH = 2.976630

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-3.475056	38.992296	0.087760
0.000527	0.057896	-43.912217	
0.57755	-3.475056	38.992296	0.087760
0.000527	0.061111	27.569301	
0.71837	-3.475056	38.992296	0.087760
0.000527	0.024326	11.225385	
0.85918	-3.475056	38.992296	0.087760
0.000527	-0.012459	-5.118532	
1.00000	-3.475056	38.992296	0.087760
0.000527	-0.049245	-21.462448	

ELEM 321 ========== LENGTH = 2.977599

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.735884	59.295154	0.128287
0.000191	0.078501	-21.395750	
0.14085	-4.735884	59.295154	0.128287
0.000191	0.024698	-46.264119	
0.28170	-4.735884	59.295154	0.128287
0.000191	-0.029105	-71.132487	
0.42255	-4.735884	59.295154	0.128287
0.000191	-0.082909	-96.000855	
0.56341	-4.735884	59.295154	0.128287
0.000191	-0.136712	-120.869223	

ELEM 322 ========== LENGTH = 2.977323

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-4.938635	53.676494	-0.134785
1.01E-06	-0.141321	67.890455	
0.57748	-4.938635	53.676494	-0.134785
1.01E-06	-0.084802	45.382246	
0.71832	-4.938635	53.676494	-0.134785
1.01E-06	-0.028282	22.874038	
0.85916	-4.938635	53.676494	-0.134785
1.01E-06	0.028237	0.365829	
1.00000	-4.938635	53.676494	-0.134785
1.01E-06	0.084757	-22.142379	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 323 ========== LENGTH = 2.977349

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.922987	68.410538	-0.134564
1.81E-05	-0.084450	-22.096807	
0.14084	-5.922987	68.410538	-0.134564
1.81E-05	-0.028022	-50.783899	
0.28169	-5.922987	68.410538	-0.134564
1.81E-05	0.028406	-79.470991	
0.42253	-5.922987	68.410538	-0.134564
1.81E-05	0.084833	-108.158084	
0.56337	-5.922987	68.410538	-0.134564
1.81E-05	0.141261	-136.845176	

ELEM 324 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-3.491949	39.041339	-0.338594
-0.000523	-0.368945	44.067487	
0.57750	-3.491949	39.041339	-0.338594
-0.000523	-0.226982	27.698610	
0.71833	-3.491949	39.041339	-0.338594
-0.000523	-0.085020	11.329734	
0.85917	-3.491949	39.041339	-0.338594
-0.000523	0.056942	-5.039143	
1.00000	-3.491949	39.041339	-0.338594
-0.000523	0.198904	-21.408019	

ELEM 325 ========== LENGTH = 2.978057

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.706258	59.372473	-0.377752
-0.000158	-0.226930	-21.341954	
0.14087	-4.706258	59.372473	-0.377752
-0.000158	-0.068458	-46.249554	
0.28174	-4.706258	59.372473	-0.377752
-0.000158	0.090014	-71.157153	
0.42261	-4.706258	59.372473	-0.377752
-0.000158	0.248486	-96.064753	
0.56347	-4.706258	59.372473	-0.377752
-0.000158	0.406959	-120.972353	

ELEM 326 ========== LENGTH = 2.977780

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.316018	10.056820	-0.489444
-0.000341	-0.543393	-9.541336	
0.57743	-0.316018	10.056820	-0.489444
-0.000341	-0.349098	-13.759618	
0.71828	-0.316018	10.056820	-0.489444
-0.000341	-0.143803	-17.977900	
0.85914	-0.316018	10.056820	-0.489444
-0.000341	0.061492	-22.196182	
1.00000	-0.316018	10.056820	-0.489444
-0.000341	0.266787	-26.414464	

ELEM 327 ========== LENGTH = 2.976782

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.731799	33.293359	-0.523581
-0.000590	-0.290528	-26.357287	
0.14082	-1.731799	33.293359	-0.523581
-0.000590	-0.071045	-40.313710	
0.28164	-1.731799	33.293359	-0.523581
-0.000590	0.148438	-54.270134	
0.42247	-1.731799	33.293359	-0.523581
-0.000590	0.367921	-68.226557	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56329	-1.731799	33.293359	-0.523581
-0.000590	0.587404	-82.182980	

ELEM 328 ========== LENGTH = 2.976557

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	1.390558	-10.016870	-0.512859
-0.000361	-0.572611	-49.828042	
0.57756	1.390558	-10.016870	-0.512859
-0.000361	-0.361251	-45.629577	
0.71837	1.390558	-10.016870	-0.512859
-0.000361	-0.146292	-41.431113	
0.85919	1.390558	-10.016870	-0.512859
-0.000361	0.068667	-37.232649	
1.00000	1.390558	-10.016870	-0.512859
-0.000361	0.283626	-33.034184	

ELEM 329 ========== LENGTH = 2.977556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064293	12.380598	-0.522803
-0.000392	-0.290238	-32.997185	
0.14085	0.064293	12.380598	-0.522803
-0.000392	-0.070980	-38.189470	
0.28170	0.064293	12.380598	-0.522803
-0.000392	0.148277	-43.381756	
0.42255	0.064293	12.380598	-0.522803
-0.000392	0.367535	-48.574041	
0.56340	0.064293	12.380598	-0.522803
-0.000392	0.586793	-53.766326	

ELEM 330 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.879271	-19.774764	-0.379925
-0.000198	-0.426457	-70.700619	
0.57747	1.879271	-19.774764	-0.379925
-0.000198	-0.267135	-62.408038	
0.71831	1.879271	-19.774764	-0.379925
-0.000198	-0.107813	-54.115456	
0.85916	1.879271	-19.774764	-0.379925
-0.000198	0.051509	-45.822875	
1.00000	1.879271	-19.774764	-0.379925
-0.000198	0.210831	-37.530294	

ELEM 331 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.587416	2.535528	-0.380258
-0.000261	-0.210512	-37.514642	
0.14084	0.587416	2.535528	-0.380258
-0.000261	-0.051050	-38.577920	
0.28169	0.587416	2.535528	-0.380258
-0.000261	0.108411	-39.641198	
0.42253	0.587416	2.535528	-0.380258
-0.000261	0.267873	-40.704476	
0.56338	0.587416	2.535528	-0.380258
-0.000261	0.427335	-41.767754	

ELEM 332 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.868731	-22.729496	-0.141641
-7.40E-05	-0.158608	-77.892025	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	1.868731	-22.729496	-0.141641
-7.40E-05	-0.099213	-68.360787	
0.71832	1.868731	-22.729496	-0.141641
-7.40E-05	-0.039818	-58.829549	
0.85916	1.868731	-22.729496	-0.141641
-7.40E-05	0.019576	-49.298311	
1.00000	1.868731	-22.729496	-0.141641
-7.40E-05	0.078971	-39.767072	

ELEM 333 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.592973	-0.432700	-0.140602
-7.64E-05	-0.078022	-39.760521	
0.14084	0.592973	-0.432700	-0.140602
-7.64E-05	-0.019063	-39.579075	
0.28168	0.592973	-0.432700	-0.140602
-7.64E-05	0.039896	-39.397630	
0.42253	0.592973	-0.432700	-0.140602
-7.64E-05	0.098855	-39.216184	
0.56337	0.592973	-0.432700	-0.140602
-7.64E-05	0.157814	-39.034739	

ELEM 334 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.869777	-22.727881	0.130764
7.35E-05	0.146438	-77.893053	
0.57747	1.869777	-22.727881	0.130764
7.35E-05	0.091604	-68.362492	
0.71832	1.869777	-22.727881	0.130764
7.35E-05	0.036770	-58.831930	
0.85916	1.869777	-22.727881	0.130764
7.35E-05	-0.018063	-49.301369	
1.00000	1.869777	-22.727881	0.130764
7.35E-05	-0.072897	-39.770808	

ELEM 335 ========== LENGTH = 2.977334

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.594112	-0.431119	0.129506
7.72E-05	0.071777	-39.764257	
0.14084	0.594112	-0.431119	0.129506
7.72E-05	0.017471	-39.583475	
0.28168	0.594112	-0.431119	0.129506
7.72E-05	-0.036836	-39.402692	
0.42253	0.594112	-0.431119	0.129506
7.72E-05	-0.091142	-39.221910	
0.56337	0.594112	-0.431119	0.129506
7.72E-05	-0.145448	-39.041127	

ELEM 336 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.879855	-19.771102	0.369812
0.000198	0.415143	-70.705703	
0.57747	1.879855	-19.771102	0.369812
0.000198	0.260062	-62.414658	
0.71831	1.879855	-19.771102	0.369812
0.000198	0.104980	-54.123612	
0.85916	1.879855	-19.771102	0.369812
0.000198	-0.050101	-45.832566	
1.00000	1.879855	-19.771102	0.369812
0.000198	-0.205182	-37.541520	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 83
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 337 ========== LENGTH = 2.977407

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.588269	2.539226	0.369982
0.000262	0.204732	-37.525871	
0.14082	0.588269	2.539226	0.369982
0.000262	0.049579	-38.590699	
0.28169	0.588269	2.539226	0.369982
0.000262	-0.105574	-39.655528	
0.42253	0.588269	2.539226	0.369982
0.000262	-0.260726	-40.720357	
0.56338	0.588269	2.539226	0.369982
0.000262	-0.415879	-41.785186	

ELEM 338 ========== LENGTH = 2.976557

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	1.383411	-10.014165	0.504224
0.000361	0.566561	-49.842160	
0.57756	1.383411	-10.014165	0.504224
0.000361	0.355221	-45.644829	
0.71837	1.383411	-10.014165	0.504224
0.000361	0.143881	-41.447498	
0.85919	1.383411	-10.014165	0.504224
0.000361	-0.067459	-37.250167	
1.00000	1.383411	-10.014165	0.504224
0.000361	-0.278799	-33.052837	

ELEM 339 ========== LENGTH = 2.977556

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057605	12.382976	0.514162
0.000393	0.285387	-33.015841	
0.14085	0.057605	12.382976	0.514162
0.000393	0.069754	-38.209124	
0.28170	0.057605	12.382976	0.514162
0.000393	-0.145880	-43.402406	
0.42255	0.057605	12.382976	0.514162
0.000393	-0.361514	-48.595688	
0.56340	0.057605	12.382976	0.514162
0.000393	-0.577148	-53.788971	

ELEM 340 ========== LENGTH = 2.977780

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.343446	10.053632	0.483032
0.000340	0.547221	-9.570583	
0.57743	-0.343446	10.053632	0.483032
0.000340	0.344616	-13.787528	
0.71828	-0.343446	10.053632	0.483032
0.000340	0.142011	-18.004473	
0.85914	-0.343446	10.053632	0.483032
0.000340	-0.060594	-22.221418	
1.00000	-0.343446	10.053632	0.483032
0.000340	-0.263200	-26.438363	

ELEM 341 ========== LENGTH = 2.976782

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.758664	33.291273	0.517330
0.000590	0.287043	-26.381184	
0.14082	-1.758664	33.291273	0.517330
0.000590	0.070181	-40.336733	
0.28164	-1.758664	33.291273	0.517330
0.000590	-0.146682	-54.292282	
0.42247	-1.758664	33.291273	0.517330
0.000590	-0.363544	-68.247831	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 84
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56329	-1.758664	33.291273	0.517330
0.000590	-0.580406	-82.203379	

ELEM 342 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-3.550043	39.035611	0.334821
0.000523	0.364866	44.027506	
0.57750	-3.550043	39.035611	0.334821
0.000523	0.224485	27.661031	
0.71833	-3.550043	39.035611	0.334821
0.000523	0.084105	11.294556	
0.85917	-3.550043	39.035611	0.334821
0.000523	-0.056276	-5.071919	
1.00000	-3.550043	39.035611	0.334821
0.000523	-0.196656	-21.438394	

ELEM 343 ========== LENGTH = 2.978057

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.763767	59.360212	0.374232
0.000158	0.224848	-21.372242	
0.14087	-4.763767	59.360212	0.374232
0.000158	0.067853	-46.274698	
0.28174	-4.763767	59.360212	0.374232
0.000158	-0.089143	-71.177154	
0.42261	-4.763767	59.360212	0.374232
0.000158	-0.246139	-96.079610	
0.56347	-4.763767	59.360212	0.374232
0.000158	-0.403134	-120.982066	

ELEM 344 ========== LENGTH = 2.977349

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-5.010499	53.660902	0.133624
-1.20E-06	0.140077	67.334841	
0.57747	-5.010499	53.660902	0.133624
-1.20E-06	0.084043	45.332821	
0.71831	-5.010499	53.660902	0.133624
-1.20E-06	0.028010	22.830802	
0.85916	-5.010499	53.660902	0.133624
-1.20E-06	-0.028023	-0.328783	
1.00000	-5.010499	53.660902	0.133624
-1.20E-06	-0.084057	-22.173237	

ELEM 345 ========== LENGTH = 2.977323

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.994051	68.395446	0.133274
-1.70E-05	0.083620	-22.127855	
0.14084	-5.994051	68.395446	0.133274
-1.70E-05	0.027734	-50.808173	
0.28168	-5.994051	68.395446	0.133274
-1.70E-05	-0.028151	-79.488492	
0.42252	-5.994051	68.395446	0.133274
-1.70E-05	-0.084037	-108.168811	
0.56337	-5.994051	68.395446	0.133274
-1.70E-05	-0.139923	-136.849129	

ELEM 346 ========== LENGTH = 2.976630

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-3.534054	38.995905	-0.086029
-0.000527	-0.096070	43.903883	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 85
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57755	-3.534054	38.995905	-0.086029
-0.000527	-0.060010	27.558454	
0.71837	-3.534054	38.995905	-0.086029
-0.000527	-0.023950	11.213025	
0.85918	-3.534054	38.995905	-0.086029
-0.000527	0.012110	-5.132404	
1.00000	-3.534054	38.995905	-0.086029
-0.000527	0.048169	-21.477833	

ELEM 347 ========== LENGTH = 2.977599

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.794738	59.306103	-0.127097
-0.000191	-0.077834	-21.410996	
0.14085	-4.794738	59.306103	-0.127097
-0.000191	-0.024529	-46.283956	
0.28170	-4.794738	59.306103	-0.127097
-0.000191	0.028775	-71.156916	
0.42255	-4.794738	59.306103	-0.127097
-0.000191	0.082079	-96.029877	
0.56341	-4.794738	59.306103	-0.127097
-0.000191	0.135384	-120.902837	

ELEM 348 ========== LENGTH = 2.978075

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.356553	10.008019	-0.263688
-0.000342	-0.302004	-9.656153	
0.57739	-0.356553	10.008019	-0.263688
-0.000342	-0.191382	-13.854704	
0.71826	-0.356553	10.008019	-0.263688
-0.000342	-0.080760	-18.053255	
0.85913	-0.356553	10.008019	-0.263688
-0.000342	0.029862	-22.251805	
1.00000	-0.356553	10.008019	-0.263688
-0.000342	0.140484	-26.450356	

ELEM 349 ========== LENGTH = 2.977112

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.774790	33.251964	-0.298427
-0.000623	-0.165066	-26.389656	
0.14083	-1.774790	33.251964	-0.298427
-0.000623	-0.039942	-40.331469	
0.28167	-1.774790	33.251964	-0.298427
-0.000623	0.085182	-54.273282	
0.42250	-1.774790	33.251964	-0.298427
-0.000623	0.210305	-68.215095	
0.56334	-1.774790	33.251964	-0.298427
-0.000623	0.335429	-82.156908	

ELEM 350 ========== LENGTH = 2.976671

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	1.375691	-9.959985	-0.310117
-0.000361	-0.350099	-49.835922	
0.57755	1.375691	-9.959985	-0.310117
-0.000361	-0.220108	-45.661018	
0.71836	1.375691	-9.959985	-0.310117
-0.000361	-0.090117	-41.486114	
0.85918	1.375691	-9.959985	-0.310117
-0.000361	0.039875	-37.311210	
1.00000	1.375691	-9.959985	-0.310117
-0.000361	0.169866	-33.136306	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 86
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 351 ========== LENGTH = 2.977629

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045115	12.385915	-0.321320
-0.000421	-0.177556	-33.093223	
0.14085	0.045115	12.385915	-0.321320
-0.000421	-0.042792	-38.287965	
0.28171	0.045115	12.385915	-0.321320
-0.000421	0.091972	-43.482707	
0.42256	0.045115	12.385915	-0.321320
-0.000421	0.226736	-48.677449	
0.56341	0.045115	12.385915	-0.321320
-0.000421	0.361500	-53.872191	

ELEM 352 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	1.893614	-19.738511	-0.219632
-0.000196	-0.247287	-70.757864	
0.57748	1.893614	-19.738511	-0.219632
-0.000196	-0.155192	-62.481217	
0.71832	1.893614	-19.738511	-0.219632
-0.000196	-0.063097	-54.204569	
0.85916	1.893614	-19.738511	-0.219632
-0.000196	0.028998	-45.927922	
1.00000	1.893614	-19.738511	-0.219632
-0.000196	0.121093	-37.651275	

ELEM 353 ========== LENGTH = 2.977259

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.587746	2.609337	-0.220254
-0.000282	-0.121159	-37.626592	
0.14084	0.587746	2.609337	-0.220254
-0.000282	-0.028803	-38.720725	
0.28168	0.587746	2.609337	-0.220254
-0.000282	0.063553	-39.814858	
0.42252	0.587746	2.609337	-0.220254
-0.000282	0.155909	-40.908992	
0.56336	0.587746	2.609337	-0.220254
-0.000282	0.248264	-42.003125	

ELEM 354 ========== LENGTH = 2.976964

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	1.894464	-22.602164	-0.042679
-6.81E-05	-0.047820	-77.889046	
0.57751	1.894464	-22.602164	-0.042679
-6.81E-05	-0.029927	-68.413290	
0.71834	1.894464	-22.602164	-0.042679
-6.81E-05	-0.012034	-58.937534	
0.85917	1.894464	-22.602164	-0.042679
-6.81E-05	0.005859	-49.461777	
1.00000	1.894464	-22.602164	-0.042679
-6.81E-05	0.023751	-39.986021	

ELEM 355 ========== LENGTH = 2.977961

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.602551	-0.302540	-0.041267
-8.82E-05	0.002615	-39.967425	
0.14086	0.602551	-0.302540	-0.041267
-8.82E-05	-0.005304	-39.840512	
0.28173	0.602551	-0.302540	-0.041267
-8.82E-05	0.012007	-39.713599	
0.42259	0.602551	-0.302540	-0.041267
-8.82E-05	0.023919	-39.586686	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 87
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56346	0.602551	-0.302540	-0.041267
-8.82E-05	0.046630	-39.459774	

ELEM 356 ========== LENGTH = 2.976746

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	1.899907	-22.487100	0.151963
7.96E-05	0.170617	-77.808941	
0.57754	1.899907	-22.487100	0.151963
7.96E-05	0.106917	-68.382652	
0.71836	1.899907	-22.487100	0.151963
7.96E-05	0.043216	-58.956363	
0.85918	1.899907	-22.487100	0.151963
7.96E-05	-0.020485	-49.530074	
1.00000	1.899907	-22.487100	0.151963
7.96E-05	-0.084185	-40.103785	

ELEM 357 ========== LENGTH = 2.977743

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.604495	-0.192581	0.151183
7.75E-05	0.083548	-40.082686	
0.14086	0.604495	-0.192581	0.151183
7.75E-05	0.020136	-40.001910	
0.28171	0.604495	-0.192581	0.151183
7.75E-05	-0.043275	-39.921135	
0.42257	0.604495	-0.192581	0.151183
7.75E-05	-0.106687	-39.840359	
0.56343	0.604495	-0.192581	0.151183
7.75E-05	-0.170098	-39.759584	

ELEM 358 ========== LENGTH = 2.977600

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.887873	-19.373946	0.296346
0.000206	0.333859	-70.459103	
0.57744	1.887873	-19.373946	0.296346
0.000206	0.209571	-62.333670	
0.71830	1.887873	-19.373946	0.296346
0.000206	0.085283	-54.208237	
0.85915	1.887873	-19.373946	0.296346
0.000206	-0.039004	-46.082804	
1.00000	1.887873	-19.373946	0.296346
0.000206	-0.163292	-37.957371	

ELEM 359 ========== LENGTH = 2.976604

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.567499	3.043094	0.299087
0.000276	0.164795	-37.925269	
0.14082	0.567499	3.043094	0.299087
0.000276	0.039432	-39.200785	
0.28163	0.567499	3.043094	0.299087
0.000276	-0.085931	-40.476301	
0.42245	0.567499	3.043094	0.299087
0.000276	-0.211293	-41.751816	
0.56326	0.567499	3.043094	0.299087
0.000276	-0.336656	-43.027332	

ELEM 360 ========== LENGTH = 2.977469

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.296714	-9.107217	0.327377
0.000369	0.370476	-48.974186	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 88
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57746	1.296714	-9.107217	0.327377
0.000369	0.233185	-45.154918	
0.71831	1.296714	-9.107217	0.327377
0.000369	0.095894	-41.335649	
0.85915	1.296714	-9.107217	0.327377
0.000369	-0.041397	-37.516381	
1.00000	1.296714	-9.107217	0.327377
0.000369	-0.178688	-33.697112	

ELEM 361 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048327	13.211714	0.341413
0.000419	0.188393	-33.644333	
0.14085	-0.048327	13.211714	0.341413
0.000419	0.045210	-39.185105	
0.28170	-0.048327	13.211714	0.341413
0.000419	-0.097972	-44.725877	
0.42255	-0.048327	13.211714	0.341413
0.000419	-0.241155	-50.266650	
0.56340	-0.048327	13.211714	0.341413
0.000419	-0.384338	-55.807422	

ELEM 362 ========== LENGTH = 2.977473

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.556906	11.468460	0.200256
0.000343	0.231723	-7.192659	
0.57746	-0.556906	11.468460	0.200256
0.000343	0.147742	-12.730147	
0.71831	-0.556906	11.468460	0.200256
0.000343	0.063761	-17.539655	
0.85915	-0.556906	11.468460	0.200256
0.000343	-0.020220	-22.349163	
1.00000	-0.556906	11.468460	0.200256
0.000343	-0.104201	-27.158671	

ELEM 363 ========== LENGTH = 2.977542

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.000328	34.810080	0.236883
0.000627	0.130411	-27.077204	
0.14085	-2.000328	34.810080	0.236883
0.000627	0.031066	-41.676049	
0.28170	-2.000328	34.810080	0.236883
0.000627	-0.068279	-56.274894	
0.42255	-2.000328	34.810080	0.236883
0.000627	-0.167625	-70.873739	
0.56340	-2.000328	34.810080	0.236883
0.000627	-0.266970	-85.472584	

ELEM 364 ========== LENGTH = 2.977553

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-3.832215	41.262385	-0.088348
0.000512	-0.092460	46.857443	
0.57745	-3.832215	41.262385	-0.088348
0.000512	-0.055408	29.552485	
0.71830	-3.832215	41.262385	-0.088348
0.000512	-0.018356	12.247527	
0.85915	-3.832215	41.262385	-0.088348
0.000512	0.018696	-5.057431	
1.00000	-3.832215	41.262385	-0.088348
0.000512	0.055748	-22.362389	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page 89
< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 365 ========== LENGTH = 2.976557

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.158991	61.656444	-0.045812
0.000197	-0.024837	-22.288366	
0.14081	-5.158991	61.656444	-0.045812
0.000197	-0.005635	-48.131008	
0.28163	-5.158991	61.656444	-0.045812
0.000197	0.013566	-73.973650	
0.42244	-5.158991	61.656444	-0.045812
0.000197	0.032768	-99.816291	
0.56325	-5.158991	61.656444	-0.045812
0.000197	0.051969	-125.658933	

ELEM 366 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.347061	56.083704	-0.403443
-2.83E-05	-0.423053	71.039786	
0.57747	-5.347061	56.083704	-0.403443
-2.83E-05	-0.253869	47.521164	
0.71831	-5.347061	56.083704	-0.403443
-2.83E-05	-0.084686	24.002542	
0.85916	-5.347061	56.083704	-0.403443
-2.83E-05	0.084497	0.483921	
1.00000	-5.347061	56.083704	-0.403443
-2.83E-05	0.253681	-23.034701	

ELEM 367 ========== LENGTH = 2.977394

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.367161	70.905511	-0.403327
1.36E-05	-0.253178	-22.972899	
0.14084	-6.367161	70.905511	-0.403327
1.36E-05	-0.084043	-52.707025	
0.28169	-6.367161	70.905511	-0.403327
1.36E-05	0.085091	-82.441151	
0.42253	-6.367161	70.905511	-0.403327
1.36E-05	0.254226	-112.175276	
0.56338	-6.367161	70.905511	-0.403327
1.36E-05	0.423360	-141.909402	

ELEM 368 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.847763	40.976376	-0.660657
-0.000572	-0.717378	46.302618	
0.57749	-3.847763	40.976376	-0.660657
-0.000572	-0.440366	29.121272	
0.71833	-3.847763	40.976376	-0.660657
-0.000572	-0.163353	11.939925	
0.85916	-3.847763	40.976376	-0.660657
-0.000572	0.113659	-5.241421	
1.00000	-3.847763	40.976376	-0.660657
-0.000572	0.390672	-22.422768	

ELEM 369 ========== LENGTH = 2.977195

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.032481	61.438711	-0.703348
-0.000169	-0.420891	-22.351634	
0.14084	-5.032481	61.438711	-0.703348
-0.000169	-0.125978	-48.112813	
0.28167	-5.032481	61.438711	-0.703348
-0.000169	0.168935	-73.873993	
0.42251	-5.032481	61.438711	-0.703348
-0.000169	0.463848	-99.635173	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 90

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56335	-5.032481	61.438711	-0.703348
-0.000169	0.758762	-125.396352	

ELEM 370 ========== LENGTH = 2.976463

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.488447	11.202940	-0.859199
-0.000404	-0.968172	-8.743870	
0.57757	-0.488447	11.202940	-0.859199
-0.000404	-0.608068	-13.439199	
0.71838	-0.488447	11.202940	-0.859199
-0.000404	-0.247964	-18.134528	
0.85919	-0.488447	11.202940	-0.859199
-0.000404	0.112140	-22.829857	
1.00000	-0.488447	11.202940	-0.859199
-0.000404	0.472243	-27.525186	

ELEM 371 ========== LENGTH = 2.977458

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.922311	34.538268	-0.894271
-0.000607	-0.497065	-27.450930	
0.14085	-1.922311	34.538268	-0.894271
-0.000607	-0.122039	-41.935051	
0.28169	-1.922311	34.538268	-0.894271
-0.000607	0.252986	-56.419171	
0.42254	-1.922311	34.538268	-0.894271
-0.000607	0.628012	-70.903292	
0.56339	-1.922311	34.538268	-0.894271
-0.000607	1.003037	-85.387412	

ELEM 372 ========== LENGTH = 2.977796

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	1.331450	-9.299238	-0.901339
-0.000432	-1.011802	-49.903787	
0.57742	1.331450	-9.299238	-0.901339
-0.000432	-0.633737	-46.003231	
0.71828	1.331450	-9.299238	-0.901339
-0.000432	-0.255671	-42.102675	
0.85914	1.331450	-9.299238	-0.901339
-0.000432	0.122395	-38.202120	
1.00000	1.331450	-9.299238	-0.901339
-0.000432	0.500460	-34.301564	

ELEM 373 ========== LENGTH = 2.976711

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009582	13.049343	-0.918942
-0.000411	-0.512072	-34.267054	
0.14082	0.009582	13.049343	-0.918942
-0.000411	-0.126873	-39.737046	
0.28164	0.009582	13.049343	-0.918942
-0.000411	0.258327	-45.207039	
0.42246	0.009582	13.049343	-0.918942
-0.000411	0.643527	-50.677032	
0.56328	0.009582	13.049343	-0.918942
-0.000411	1.028727	-56.147025	

ELEM 374 ========== LENGTH = 2.977216

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.743403	-19.585441	-0.739899
-0.000278	-0.829680	-71.659549	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57749	1.743403	-19.585441	-0.739899
-0.000278	-0.519437	-63.447294	
0.71832	1.743403	-19.585441	-0.739899
-0.000278	-0.209195	-55.235039	
0.85916	1.743403	-19.585441	-0.739899
-0.000278	0.101048	-47.022783	
1.00000	1.743403	-19.585441	-0.739899
-0.000278	0.411290	-38.810528	

ELEM 375 ========== LENGTH = 2.977120

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.461293	2.777355	-0.744765
-0.000286	-0.414604	-38.801648	
0.14083	0.461293	2.777355	-0.744765
-0.000286	-0.102339	-39.966138	
0.28167	0.461293	2.777355	-0.744765
-0.000286	0.209927	-41.130628	
0.42250	0.461293	2.777355	-0.744765
-0.000286	0.522192	-42.295117	
0.56334	0.461293	2.777355	-0.744765
-0.000286	0.834457	-43.459607	

ELEM 376 ========== LENGTH = 2.976612

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.524783	-23.320807	-0.419004
-0.000154	-0.470214	-80.296388	
0.57755	1.524783	-23.320807	-0.419004
-0.000154	-0.294587	-70.521399	
0.71837	1.524783	-23.320807	-0.419004
-0.000154	-0.118961	-60.746411	
0.85918	1.524783	-23.320807	-0.419004
-0.000154	0.056666	-50.971423	
1.00000	1.524783	-23.320807	-0.419004
-0.000154	0.232293	-41.196434	

ELEM 377 ========== LENGTH = 2.977605

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.272311	-0.996717	-0.423328
-0.000125	-0.236239	-41.205660	
0.14085	0.272311	-0.996717	-0.423328
-0.000125	-0.058695	-40.787636	
0.28170	0.272311	-0.996717	-0.423328
-0.000125	0.118849	-40.369611	
0.42256	0.272311	-0.996717	-0.423328
-0.000125	0.296394	-39.951587	
0.56341	0.272311	-0.996717	-0.423328
-0.000125	0.473938	-39.533562	

ELEM 378 ========== LENGTH = 2.977174

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.321868	-24.645652	-0.002443
-1.17E-05	-0.005643	-82.934251	
0.57749	1.321868	-24.645652	-0.002443
-1.17E-05	-0.004619	-72.600489	
0.71833	1.321868	-24.645652	-0.002443
-1.17E-05	-0.003595	-62.266727	
0.85916	1.321868	-24.645652	-0.002443
-1.17E-05	-0.002571	-51.932966	
1.00000	1.321868	-24.645652	-0.002443
-1.17E-05	-0.001546	-41.599204	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 92

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 379 ========== LENGTH = 2.978167

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082755	-2.310237	-0.016514
-1.54E-06	-0.010278	-41.617884	
0.14087	0.082755	-2.310237	-0.016514
-1.54E-06	-0.003350	-40.648643	
0.28174	0.082755	-2.310237	-0.016514
-1.54E-06	0.003579	-39.679402	
0.42262	0.082755	-2.310237	-0.016514
-1.54E-06	0.010507	-38.710162	
0.56349	0.082755	-2.310237	-0.016514
-1.54E-06	0.017436	-37.740921	

ELEM 380 ========== LENGTH = 2.976819

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	1.590877	-25.032949	0.447472
0.000121	0.495786	-82.128952	
0.57753	1.590877	-25.032949	0.447472
0.000121	0.308203	-71.635018	
0.71835	1.590877	-25.032949	0.447472
0.000121	0.120620	-61.141084	
0.85918	1.590877	-25.032949	0.447472
0.000121	-0.066962	-50.647150	
1.00000	1.590877	-25.032949	0.447472
0.000121	-0.254545	-40.153216	

ELEM 381 ========== LENGTH = 2.977700

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.347698	-2.632833	0.418137
0.000141	0.230679	-40.172262	
0.14086	0.347698	-2.632833	0.418137
0.000141	0.055301	-39.067986	
0.28171	0.347698	-2.632833	0.418137
0.000141	-0.120076	-37.963710	
0.42257	0.347698	-2.632833	0.418137
0.000141	-0.295453	-36.859434	
0.56342	0.347698	-2.632833	0.418137
0.000141	-0.470830	-35.755157	

ELEM 382 ========== LENGTH = 2.977533

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	2.420058	-23.112179	0.869086
0.000310	0.964600	-75.523401	
0.57745	2.420058	-23.112179	0.869086
0.000310	0.600120	-65.830539	
0.71830	2.420058	-23.112179	0.869086
0.000310	0.235640	-56.137677	
0.85915	2.420058	-23.112179	0.869086
0.000310	-0.128840	-46.444815	
1.00000	2.420058	-23.112179	0.869086
0.000310	-0.493321	-36.751953	

ELEM 383 ========== LENGTH = 2.976426

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.161842	-0.590773	0.830560
0.000269	0.460952	-36.763459	
0.14081	1.161842	-0.590773	0.830560
0.000269	0.112859	-36.515863	
0.28162	1.161842	-0.590773	0.830560
0.000269	-0.235234	-36.268266	
0.42243	1.161842	-0.590773	0.830560
0.000269	-0.583327	-36.020669	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 93

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.56323	1.161842	-0.590773	0.830560
0.000269	-0.931419	-35.773073	

ELEM 384 ========== LENGTH = 2.977332

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	2.714869	-15.112398	1.204850
0.000413	1.349587	-56.271192	
0.57747	2.714869	-15.112398	1.204850
0.000413	0.844353	-49.934065	
0.71832	2.714869	-15.112398	1.204850
0.000413	0.339120	-43.596939	
0.85916	2.714869	-15.112398	1.204850
0.000413	-0.166114	-37.259812	
1.00000	2.714869	-15.112398	1.204850
0.000413	-0.671347	-30.922685	

ELEM 385 ========== LENGTH = 2.977211

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.412867	7.380006	1.180164
0.000593	0.647868	-30.924426	
0.14084	1.412867	7.380006	1.180164
0.000593	0.153022	-34.018882	
0.28167	1.412867	7.380006	1.180164
0.000593	-0.341824	-37.113339	
0.42251	1.412867	7.380006	1.180164
0.000593	-0.836670	-40.207796	
0.56335	1.412867	7.380006	1.180164
0.000593	-1.331516	-43.302252	

ELEM 386 ========== LENGTH = 2.978072

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-1.098254	13.170325	1.620216
0.000989	1.694816	-2.082655	
0.57739	-1.098254	13.170325	1.620216
0.000989	1.015106	-7.607841	
0.71826	-1.098254	13.170325	1.620216
0.000989	0.335396	-13.133028	
0.85913	-1.098254	13.170325	1.620216
0.000989	-0.344313	-18.658215	
1.00000	-1.098254	13.170325	1.620216
0.000989	-1.024023	-24.183401	

ELEM 387 ========== LENGTH = 2.977081

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.501395	32.480552	1.660138
0.000506	1.045499	-24.172889	
0.14083	-1.501395	32.480552	1.660138
0.000506	0.349452	-27.791020	
0.28167	-1.501395	32.480552	1.660138
0.000506	-0.346594	-51.409152	
0.42250	-1.501395	32.480552	1.660138
0.000506	-1.042641	-65.027283	
0.56333	-1.501395	32.480552	1.660138
0.000506	-1.738687	-78.645414	

ELEM 388 ========== LENGTH = 2.978100

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-4.759420	53.725592	1.361030
0.000899	1.564794	63.455866	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 94

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57739	-4.759420	53.725592	1.361030
0.000899	0.993808	40.916643	
0.71826	-4.759420	53.725592	1.361030
0.000899	0.422822	18.377420	
0.85913	-4.759420	53.725592	1.361030
0.000899	-0.148164	-4.161803	
1.00000	-4.759420	53.725592	1.361030
0.000899	-0.719150	-26.701026	

ELEM 389 ========== LENGTH = 2.977238

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.110695	58.983593	1.422547
0.000724	0.755966	-26.699976	
0.14084	-6.110695	58.983593	1.422547
0.000724	0.067179	-51.432364	
0.28168	-6.110695	58.983593	1.422547
0.000724	-0.437009	-76.164752	
0.42252	-6.110695	58.983593	1.422547
0.000724	-1.033497	-100.897140	
0.56335	-6.110695	58.983593	1.422547
0.000724	-1.629984	-125.629527	

ELEM 390 ========== LENGTH = 2.759542

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092515	-4.379855	1.025680
-0.000259	1.468514	-0.088079	
0.25000	0.092515	-1.929381	1.025680
-0.000259	0.760913	2.088246	
0.50000	0.092515	5.521092	1.025680
-0.000259	0.053311	2.574025	
0.75000	0.092515	2.971566	1.025680
-0.000259	-0.654291	1.369258	
1.00000	0.092515	5.422039	1.025680
-0.000259	-1.361893	-1.526055	

ELEM 391 ========== LENGTH = 4.973173

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152361	-9.539801	0.277691
-0.000126	0.693681	-1.649549	
0.25000	0.152361	-5.123623	0.277691
-0.000126	0.348429	7.465919	
0.50000	0.152361	-0.707445	0.277691
-0.000126	0.003178	11.090783	
0.75000	0.152361	3.708732	0.277691
-0.000126	-0.342074	9.225043	
1.00000	0.152361	8.124910	0.277691
-0.000126	-0.687325	1.868699	

ELEM 392 ========== LENGTH = 4.973122

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.121858	-9.252441	0.229623
-8.89E-06	0.607183	1.791266	
0.25000	0.121858	-4.836308	0.229623
-8.89E-06	0.321698	10.549399	
0.50000	0.121858	-0.420176	0.229623
-8.89E-06	0.036212	13.817041	
0.75000	0.121858	3.995957	0.229623
-8.89E-06	-0.249273	11.594191	
1.00000	0.121858	8.412089	0.229623
-8.89E-06	-0.534758	3.880850	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 95

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 393 ========== LENGTH = 4.972319

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052647	-9.110857	0.138274
1.81E-05	0.383304	3.817040	
0.25000	0.052647	-4.695437	0.138274
1.81E-05	0.211418	12.398202	
0.50000	0.052647	-0.280018	0.138274
1.81E-05	0.039532	15.490646	
0.75000	0.052647	4.135401	0.138274
1.81E-05	-0.132354	13.094371	
1.00000	0.052647	8.550820	0.138274
1.81E-05	-0.304240	5.209379	

ELEM 394 ========== LENGTH = 4.972517

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009539	-8.813733	0.040297
1.79E-06	0.142174	5.181412	
0.25000	-0.009539	-4.398137	0.040297
1.79E-06	0.092079	13.393444	
0.50000	-0.009539	0.017458	0.040297
1.79E-06	0.041985	16.116319	
0.75000	-0.009539	4.433054	0.040297
1.79E-06	-0.008110	13.350038	
1.00000	-0.009539	8.848649	0.040297
1.79E-06	-0.058204	5.094601	

ELEM 395 ========== LENGTH = 4.972843

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051305	-8.465443	-0.056668
-2.65E-05	-0.102133	5.108727	
0.25000	-0.051305	-4.049556	-0.056668
-2.65E-05	-0.031683	12.885320	
0.50000	-0.051305	0.366327	-0.056668
-2.65E-05	0.038767	15.177637	
0.75000	-0.051305	4.782212	-0.056668
-2.65E-05	0.109217	11.977277	
1.00000	-0.051305	9.198097	-0.056668
-2.65E-05	0.179667	3.287041	

ELEM 396 ========== LENGTH = 4.973396

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070081	-8.113444	-0.139455
-3.85E-05	-0.316780	3.316823	
0.25000	-0.070081	-3.697068	-0.139455
-3.85E-05	-0.143389	10.659117	
0.50000	-0.070081	0.719307	-0.139455
-3.85E-05	0.030001	12.510315	
0.75000	-0.070081	5.135682	-0.139455
-3.85E-05	0.203392	8.870418	
1.00000	-0.070081	9.552058	-0.139455
-3.85E-05	0.376783	-0.260575	

ELEM 397 ========== LENGTH = 4.972882

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070066	-7.804674	-0.194523
-4.16E-06	-0.468332	0.219886	
0.25000	-0.070066	-3.388754	-0.194523
-4.16E-06	-0.226497	6.738063	
0.50000	-0.070066	1.027166	-0.194523
-4.16E-06	0.015338	8.206051	
0.75000	-0.070066	5.443085	-0.194523
-4.16E-06	0.257173	4.184076	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1002.OUT

Page 96

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-0.070066	9.859004	-0.194523
-4.16E-06	0.499008	-5.327860	

ELEM 398 ========== LENGTH = 4.972683

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051524	-7.534537	-0.209528
8.99E-05	-0.524379	-5.272007	
0.25000	-0.051524	-3.118795	-0.209528
8.99E-05	-0.263899	1.349948	
0.50000	-0.051524	1.296947	-0.209528
8.99E-05	-0.003420	2.482382	
0.75000	-0.051524	5.712689	-0.209528
8.99E-05	0.257060	-1.874705	
1.00000	-0.051524	10.128431	-0.209528
8.99E-05	0.517539	-11.721313	

ELEM 399 ========== LENGTH = 4.972600

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031832	-8.106809	-0.173232
0.000190	-0.457837	-11.665179	
0.25000	-0.031832	-3.691140	-0.173232
0.000190	-0.242483	-4.331868	

```
 0.50000    -0.031832     0.724528    -0.173232
 0.000190    -0.027130    -2.487896
 0.75000    -0.031832     5.140197    -0.173232
 0.000190     0.188224    -6.133263
 1.00000    -0.031832     9.555865    -0.173232
 0.000190     0.403577   -15.267967

ELEM      400 ================== LENGTH
=     3.481038

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.021817    -6.398032    -0.219397
 0.000126    -0.420729   -15.218106
 0.25000    -0.021817    -3.306869    -0.219397
 0.000126    -0.229797   -10.995214
 0.50000    -0.021817    -0.215707    -0.219397
 0.000126    -0.038864    -9.462436
 0.75000    -0.021817     2.875455    -0.219397
 0.000126     0.152068   -10.619772
 1.00000    -0.021817     5.966617    -0.219397
 0.000126     0.343001   -14.467221

ELEM      401 ================== LENGTH
=     3.481101

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.018631    -5.744816    -0.096864
-0.000127    -0.201124   -14.433478
 0.25000    -0.018631    -2.653598    -0.096864
-0.000127    -0.116826   -10.779012
 0.50000    -0.018631     0.437620    -0.096864
-0.000127    -0.032527    -9.814757
 0.75000    -0.018631     3.528838    -0.096864
-0.000127     0.051771   -11.540713
 1.00000    -0.018631     6.620056    -0.096864
-0.000127     0.136070   -15.956879

ELEM      402 ================== LENGTH
=     4.972903

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.024021    -9.277446     0.011172
-0.000191     0.001474   -15.948016
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                    97

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 0.25000    -0.024021    -4.861508     0.011172
-0.000191    -0.012415    -7.159061
 0.50000    -0.024021    -0.445570     0.011172
-0.000191    -0.026304    -3.860113
 0.75000    -0.024021     3.970368     0.011172
-0.000191    -0.040192    -6.051172
 1.00000    -0.024021     8.386306     0.011172
-0.000191    -0.054081   -13.732240

ELEM      403 ================== LENGTH
=     4.972164

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.040737    -9.859838     0.055834
-9.43E-05     0.126640   -13.744486
 0.25000    -0.040737    -5.444556     0.055834
-9.43E-05     0.057236    -4.232492
 0.50000    -0.040737    -1.029275     0.055834
-9.43E-05    -0.012168    -0.209873
 0.75000    -0.040737     3.386006     0.055834
-9.43E-05    -0.081573    -1.673630
 1.00000    -0.040737     7.801287     0.055834
-9.43E-05    -0.150977    -8.626761

ELEM      404 ================== LENGTH
=     4.972548

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.058090    -9.549277     0.065121
-6.58E-06     0.164292    -8.124460
 0.25000    -0.058090    -5.133655     0.065121
-6.58E-06     0.083338     0.485988
 0.50000    -0.058090    -0.718032     0.065121
-6.58E-06     0.002385     4.123212
 0.75000    -0.058090     3.697590     0.065121
-6.58E-06    -0.078569     2.271213
 1.00000    -0.058090     8.113213     0.065121
-6.58E-06    -0.159523    -5.070011

ELEM      405 ================== LENGTH
=     4.973059

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.070395    -9.304454     0.044142
 1.89E-05     0.122441    -5.078678
 0.25000    -0.070395    -4.888378     0.044142
 1.89E-05     0.067561     3.744046
 0.50000    -0.070395    -0.472302     0.044142
 1.89E-05     0.012681     7.076418
 0.75000    -0.070395     3.943774     0.044142
 1.89E-05    -0.042200     4.918439
 1.00000    -0.070395     8.359851     0.044142
 1.89E-05    -0.097080    -2.729893

ELEM      406 ================== LENGTH
=     4.972749

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.073846    -8.934012     0.005283
 9.23E-07     0.030457    -2.737517
 0.25000    -0.073846    -4.518210     0.005283
 9.23E-07     0.023889     5.624299
 0.50000    -0.073846    -0.102409     0.005283
 9.23E-07     0.017321     8.496447
 0.75000    -0.073846     4.313393     0.005283
 9.23E-07     0.010752     5.878925
 1.00000    -0.073846     8.729194     0.005283
 9.23E-07     0.004184    -2.228264
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                    98

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      407 ================== LENGTH
=     4.972462

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.069022    -8.562750    -0.037176
-1.59E-05    -0.076494    -2.223932
 0.25000    -0.069022    -4.147204    -0.037176
-1.59E-05    -0.030280     5.676038
 0.50000    -0.069022     0.268343    -0.037176
-1.59E-05     0.015933     8.086974
 0.75000    -0.069022     4.683889    -0.037176
-1.59E-05     0.062147     5.008876
 1.00000    -0.069022     9.099435    -0.037176
-1.59E-05     0.108360    -3.558256

ELEM      408 ================== LENGTH
=     4.973393

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.057930    -8.244914    -0.068142
 1.00E-05    -0.161173    -3.534064
 0.25000    -0.057930    -3.828540    -0.068142
 1.00E-05    -0.076448     3.971691
 0.50000    -0.057930     0.587833    -0.068142
 1.00E-05     0.008277     5.986355
 0.75000    -0.057930     5.004206    -0.068142
 1.00E-05     0.093001     2.509928
 1.00000    -0.057930     9.420580    -0.068142
 1.00E-05     0.177726    -6.457588

ELEM      409 ================== LENGTH
=     4.972406

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.047896    -7.966228    -0.074404
 9.70E-05    -0.188844    -6.441192
 0.25000    -0.047896    -3.550732    -0.074404
 9.70E-05    -0.096351     0.717182
 0.50000    -0.047896     0.864764    -0.074404
 9.70E-05    -0.003859     2.386647
 0.75000    -0.047896     5.280261    -0.074404
 9.70E-05     0.088633    -1.432798
 1.00000    -0.047896     9.695757    -0.074404
 9.70E-05     0.181125   -10.741151

ELEM      410 ================== LENGTH
=     4.972543

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.050941    -8.437279    -0.047874
 0.000188    -0.136755   -10.720632
 0.25000    -0.050941    -4.021661    -0.047874
 0.000188    -0.077241    -2.976556
 0.50000    -0.050941     0.393957    -0.047874
 0.000188    -0.017727    -0.721692
 0.75000    -0.050941     4.809575    -0.047874
 0.000188     0.041788    -3.956040
 1.00000    -0.050941     9.225193    -0.047874
 0.000188     0.101302   -12.679601

ELEM      411 ================== LENGTH
=     3.481352

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.067930    -6.632451    -0.005820
 0.000118    -0.035823   -12.672293
 0.25000    -0.067930    -3.541011    -0.005820
 0.000118    -0.030758    -8.245118
 0.50000    -0.067930    -0.449570    -0.005820
 0.000118    -0.025692    -6.508541
 0.75000    -0.067930     2.641870    -0.005820
 0.000118    -0.020626    -7.462562
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                    99

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 1.00000    -0.067930     5.733310    -0.005820
 0.000118    -0.015561   -11.107180

ELEM      412 ================== LENGTH
=     3.481014

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.070334    -5.808373     0.090273
-0.000131     0.129791   -11.115919
 0.25000    -0.070334    -2.717233     0.090273
-0.000131     0.051231    -7.406200
 0.50000    -0.070334     0.373907     0.090273
-0.000131    -0.027330    -6.386557
 0.75000    -0.070334     3.465047     0.090273
-0.000131    -0.105890    -8.056988
 1.00000    -0.070334     6.556187     0.090273
-0.000131    -0.184451   -12.417495

ELEM      413 ================== LENGTH
=     4.972986

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.058159    -9.326159     0.090853
-0.000200     0.208305   -12.441319
 0.25000    -0.058159    -4.910148     0.090853
-0.000200     0.095352    -8.559700
 0.50000    -0.058159    -0.494137     0.090853
-0.000200    -0.017601    -0.232272
 0.75000    -0.058159     3.921875     0.090853
-0.000200    -0.130554    -2.363034
 1.00000    -0.058159     8.337886     0.090853
-0.000200    -0.243507    -9.983985

ELEM      414 ================== LENGTH
=     4.972566

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.060775    -9.789102     0.114495
-0.000107     0.283767   -10.015285
 0.25000    -0.060775    -5.373464     0.114495
-0.000107     0.141434    -0.590678
 0.50000    -0.060775    -0.957825     0.114495
-0.000107     0.000899     3.340665
 0.75000    -0.060775     3.457813     0.114495
-0.000107    -0.143233     1.790746
 1.00000    -0.060775     7.873451     0.114495
-0.000107    -0.285566    -5.252436

ELEM      415 ================== LENGTH
=     4.972251

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.074671    -9.558661     0.100467
-1.79E-05     0.262664    -5.285206
 0.25000    -0.074671    -5.143302     0.100467
-1.79E-05     0.137777     3.852527
 0.50000    -0.074671    -0.727943     0.100467
-1.79E-05     0.012890     7.501690
 0.75000    -0.074671     3.687416     0.100467
-1.79E-05    -0.111996     5.662284
 1.00000    -0.074671     8.102776     0.100467
-1.79E-05    -0.236883    -1.665691

ELEM      416 ================== LENGTH
=     4.973063

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.088385    -9.202331     0.057677
 1.22E-05     0.165940    -1.681550
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                   100

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 0.25000    -0.088385    -4.786251     0.057677
 1.22E-05     0.094232     7.014212
 0.50000    -0.088385    -0.370171     0.057677
 1.22E-05     0.022524    10.219613
 0.75000    -0.088385     4.445909     0.057677
 1.22E-05    -0.049184     7.934654
 1.00000    -0.088385     8.461988     0.057677
 1.22E-05    -0.120892     0.159335

ELEM      417 ================== LENGTH
=     4.973000

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.094248    -8.832070    -0.000459
-1.15E-07     0.024370     0.160261
 0.25000    -0.094248    -4.416046    -0.000459
-1.15E-07     0.024940     8.395621
 0.50000    -0.094248    -2.19E-05    -0.000459
-1.15E-07     0.025511    11.140759
 0.75000    -0.094248     4.416002    -0.000459
-1.15E-07     0.026081     8.395676
 1.00000    -0.094248     8.832026    -0.000459
-1.15E-07     0.026651     0.160370

ELEM      418 ================== LENGTH
=     4.973063

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.089963    -8.462029    -0.058681
-1.24E-05    -0.123356     0.159729
 0.25000    -0.089963    -4.045950    -0.058681
-1.24E-05    -0.050400     7.935100
 0.50000    -0.089963     0.370130    -0.058681
-1.24E-05     0.022557    10.220110
 0.75000    -0.089963     4.786210    -0.058681
-1.24E-05     0.095513     7.014760
 1.00000    -0.089963     9.202290    -0.058681
-1.24E-05     0.168469    -1.680951

ELEM      419 ================== LENGTH
=     4.972251

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.077894    -8.102772    -0.101729
 1.77E-05    -0.239957    -1.664754
 0.25000    -0.077894    -3.687412    -0.101729
 1.77E-05    -0.113502     5.663216
 0.50000    -0.077894     0.727947    -0.101729
 1.77E-05     0.012954     7.502616
 0.75000    -0.077894     1.443306    -0.101729
 1.77E-05     0.139410     3.853448
 1.00000    -0.077894     9.558665    -0.101729
 1.77E-05     0.265866    -5.284289

ELEM      420 ================== LENGTH
=     4.972566

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.065811    -7.873420    -0.116187
 0.000107    -0.289673    -5.251080
 0.25000    -0.065811    -3.457782    -0.116187
 0.000107    -0.145237     1.792063
 0.50000    -0.065811     0.957856    -0.116187
 0.000107    -0.000800     3.345944
 0.75000    -0.065811     5.373495    -0.116187
 0.000107     0.143637    -0.589439
 1.00000    -0.065811     9.789133    -0.116187
 0.000107     0.288074   -10.314084
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                   101

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      421 ================== LENGTH
=     4.972986

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.065346    -8.337830    -0.093057
 0.000200    -0.248932    -9.982199
 0.25000    -0.065346    -3.921819    -0.093057
 0.000200     0.133239    -2.361316
 0.50000    -0.065346     0.494192    -0.093057
 0.000200    -0.017547    -0.230624
 0.75000    -0.065346     4.910203    -0.093057
 0.000200     0.098145    -3.590121
 1.00000    -0.065346     9.326214    -0.093057
 0.000200     0.213838   -12.439808

ELEM      422 ================== LENGTH
=     3.481014

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.080362    -6.555576    -0.095622
 0.000132    -0.193756   -12.415092
 0.25000    -0.080362    -3.464436    -0.095622
 0.000132    -0.110540    -8.055117
 0.50000    -0.080362    -0.373296    -0.095622
 0.000132    -0.027325    -6.385217
 0.75000    -0.080362     2.717844    -0.095622
 0.000132     0.055891    -7.405392
 1.00000    -0.080362     5.808984    -0.095622
 0.000132     0.139107   -11.115643

ELEM      423 ================== LENGTH
=     3.481352

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.081493    -5.733688    -0.000523
-0.000117    -0.026415   -11.105691
 0.25000    -0.081493    -2.640928    -0.000523
-0.000117    -0.025960    -7.461893
 0.50000    -0.081493     0.450512    -0.000523
-0.000117    -0.025505    -6.508692
 0.75000    -0.081493     3.541952    -0.000523
-0.000117    -0.025051    -8.246088
 1.00000    -0.081493     6.633393    -0.000523
-0.000117    -0.024596   -12.674083

ELEM      424 ================== LENGTH
=     4.972543

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.067318    -9.225008     0.044088
-0.000188     0.092036   -12.680150
 0.25000    -0.067318    -4.809391     0.044088
-0.000188     0.037228    -3.956819
 0.50000    -0.067318    -0.393773     0.044088
-0.000188    -0.017579    -0.722700
 0.75000    -0.067318     4.021845     0.044088
-0.000188    -0.072387    -2.977793
 1.00000    -0.067318     8.437463     0.044088
-0.000188    -0.127195   -10.722099

ELEM      425 ================== LENGTH
=     4.972406

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.066196    -9.695456     0.070159
-9.68E-05     0.170561   -10.741394
 0.25000    -0.066196    -5.279960     0.070159
-9.68E-05     0.083346    -1.433414
 0.50000    -0.066196    -0.864464     0.070159
-9.68E-05    -0.003869     2.385657
 0.75000    -0.066196     3.551032     0.070159
-9.68E-05    -0.091084     0.715818
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                   102

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 1.00000    -0.066196     7.966529     0.070159
-9.68E-05    -0.178300    -6.442930

ELEM      426 ================== LENGTH
=     4.973393

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.077200    -9.420230     0.063779
-9.80E-06     0.166835    -6.458057
 0.25000    -0.077200    -5.003856     0.063779
-9.80E-06     0.087535     2.509025
 0.50000    -0.077200    -0.587483     0.063779
-9.80E-06     0.008236     5.985016
 0.75000    -0.077200     3.828890     0.063779
-9.80E-06    -0.071064     3.969917
 1.00000    -0.077200     8.245264     0.063779
-9.80E-06    -0.150364    -3.536273

ELEM      427 ================== LENGTH
=     4.972462

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.088110    -9.099157     0.032876
 1.61E-05     0.097593    -3.559138
 0.25000    -0.088110    -4.683611     0.032876
 1.61E-05     0.056724     5.007649
 0.50000    -0.088110    -0.268065     0.032876
 1.61E-05     0.015855     8.085401
 0.75000    -0.088110     4.147481     0.032876
 1.61E-05    -0.025013     5.674120
 1.00000    -0.088110     8.563028     0.032876
 1.61E-05    -0.065882    -2.226196

ELEM      428 ================== LENGTH
=     4.972749

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.091482    -8.728853    -0.009345
-7.37E-07    -0.006019    -2.222979
 0.25000    -0.091482    -4.313052    -0.009345
-7.37E-07     0.005598     5.877487
 0.50000    -0.091482     0.102750    -0.009345
-7.37E-07     0.017216     8.494584
 0.75000    -0.091482     4.518551    -0.009345
-7.37E-07     0.028833     5.622012
 1.00000    -0.091482     8.334353    -0.009345
-7.37E-07     0.040451    -2.740228

ELEM      429 ================== LENGTH
=     4.973059

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.085672    -8.359689    -0.047833
-1.88E-05    -0.106382    -2.731444
 0.25000    -0.085672    -3.943613    -0.047833
-1.88E-05    -0.046913     4.916696
 0.50000    -0.085672     0.472454    -0.047833
-1.88E-05     0.012556     7.074464
 0.75000    -0.085672     4.888540    -0.047833
-1.88E-05     0.072025     3.741891
 1.00000    -0.085672     9.304616    -0.047833
-1.88E-05     0.131494    -5.081034

ELEM      430 ================== LENGTH
=     4.972548

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.071991    -8.112547    -0.068335
 6.23E-06    -0.167655    -5.071233
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1002.OUT


                      Page
< AFTER  COMPOSITE  SELF-WEIGHT  LOAD >
                                   103

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 0.25000    -0.071991    -3.696925    -0.068335
 6.23E-06    -0.082706     2.269163
 0.50000    -0.071991     0.718698    -0.068335
 6.23E-06     0.002243     4.120335
 0.75000    -0.071991     5.134320    -0.068335
 6.23E-06     0.087193     0.482284
 1.00000    -0.071991     9.549943    -0.068335
 6.23E-06     0.172142    -8.644992

ELEM      431 ================== LENGTH
=     4.972164

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.058153    -7.802380    -0.058440
 9.31E-05    -0.157621    -8.630283
 0.25000    -0.058153    -3.387098    -0.058440
 9.31E-05    -0.084977     1.875793
 0.50000    -0.058153     1.028183    -0.058440
 9.31E-05    -0.012334    -0.209679
 0.75000    -0.058153     5.443464    -0.058440
 9.31E-05     0.060310    -4.231940
 1.00000    -0.058153     9.858745    -0.058440
 9.31E-05     0.132953   -13.742575

ELEM      432 ================== LENGTH
=     4.972903

LOAD   AFTER ------------------

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    -0.054205    -8.379965    -0.012811
 0.000189    -0.058462   -13.729920
 0.25000    -0.054205    -3.964027    -0.012811
 0.000189    -0.042535    -6.056736
 0.50000    -0.054205     0.451911    -0.012811
 0.000189    -0.026607    -3.973560
 0.75000    -0.054205     4.867849    -0.012811
 0.000189    -0.010680    -7.180391
 1.00000    -0.054205     9.283787    -0.012811
 0.000189     0.005248   -15.977230

ELEM      433 ================== LENGTH
=     3.481101

LOAD   AFTER ------------------
```

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064356	-6.653757	0.095803
0.000124	0.133976	-15.986111	
0.25000	-0.064356	-3.562539	0.095803
0.000124	0.050601	-11.540615	
0.50000	-0.064356	-0.471322	0.095803
0.000124	-0.032774	-9.785331	
0.75000	-0.064356	2.619896	0.095803
0.000124	-0.116148	-10.720256	
1.00000	-0.064356	5.711114	0.095803
0.000124	-0.199523	-14.345393	

ELEM 434 ========== LENGTH = 3.481038

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065042	-5.933648	0.220679
-0.000124	0.345053	-14.379625	
0.25000	-0.065042	-2.842485	0.220679
-0.000124	0.153005	-10.560868	
0.50000	-0.065042	0.248677	0.220679
-0.000124	-0.039043	-9.432224	
0.75000	-0.065042	3.339839	0.220679
-0.000124	-0.231091	-10.993695	
1.00000	-0.065042	6.431001	0.220679
-0.000124	-0.423138	-15.245278	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 435 ========== LENGTH = 4.972600

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054316	-9.562177	0.174873
-0.000187	0.407416	-15.295524	
0.25000	-0.054316	-5.146509	0.174873
-0.000187	0.190023	-6.152973	
0.50000	-0.054316	-0.730840	0.174873
-0.000187	-0.027370	-2.499761	
0.75000	-0.054316	3.684829	0.174873
-0.000187	-0.244763	-4.335886	
1.00000	-0.054316	8.100497	0.174873
-0.000187	-0.462156	-11.661350	

ELEM 436 ========== LENGTH = 4.972683

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056799	-10.127403	0.212057
-8.82E-05	0.523716	-11.718339	
0.25000	-0.056799	-5.711661	0.212057
-8.82E-05	0.260093	-1.873009	
0.50000	-0.056799	-1.295919	0.212057
-8.82E-05	-0.003530	2.482800	
0.75000	-0.056799	3.119823	0.212057
-8.82E-05	-0.267153	-1.349088	
1.00000	-0.056799	7.535566	0.212057
-8.82E-05	-0.530776	-5.274146	

ELEM 437 ========== LENGTH = 4.972882

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067156	-9.859220	0.197651
4.95E-06	0.506687	-5.330987	
0.25000	-0.067156	-5.443301	0.197651
4.95E-06	0.260964	-4.181217	
0.50000	-0.067156	-1.027381	0.197651
4.95E-06	0.015240	8.203459	
0.75000	-0.067156	3.388538	0.197651
4.95E-06	-0.230483	6.735740	
1.00000	-0.067156	7.804458	0.197651
4.95E-06	-0.476207	-0.221941	

ELEM 438 ========== LENGTH = 4.973396

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063782	-9.553540	0.143110
3.89E-05	0.385785	-0.263774	
0.25000	-0.063782	-5.137165	0.143110
3.89E-05	0.207849	8.869062	
0.50000	-0.063782	-0.720789	0.143110
3.89E-05	0.029914	12.510802	
0.75000	-0.063782	3.695586	0.143110
3.89E-05	-0.148022	10.661447	
1.00000	-0.063782	8.111962	0.143110
3.89E-05	-0.325958	3.320995	

ELEM 439 ========== LENGTH = 4.972843

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042020	-9.199364	0.060832
2.67E-05	0.189935	3.272225	
0.25000	-0.042020	-4.783479	0.060832
2.67E-05	0.114308	11.971037	
0.50000	-0.042020	-0.367594	0.060832
2.67E-05	0.038680	15.172972	
0.75000	-0.042020	4.046291	0.060832
2.67E-05	-0.036947	12.885031	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-0.042020	8.464176	0.060832
2.67E-05	-0.112575	5.107214	

ELEM 440 ========== LENGTH = 4.972517

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004589	-8.849950	-0.035716
-1.77E-06	-0.046876	5.091864	
0.25000	0.004589	-4.434355	-0.035716
-1.77E-06	-0.002476	13.348919	
0.50000	0.004589	-0.018759	-0.035716
-1.77E-06	0.041924	16.116818	
0.75000	0.004589	4.396836	-0.035716
-1.77E-06	0.086324	13.395560	
1.00000	0.004589	8.812432	-0.035716
-1.77E-06	0.130724	5.185145	

ELEM 441 ========== LENGTH = 4.972319

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073578	-8.552171	-0.133438
-1.82E-05	-0.292249	5.200989	
0.25000	0.073578	-4.136751	-0.133438
-1.82E-05	-0.126374	13.087660	
0.50000	0.073578	0.278668	-0.133438
-1.82E-05	0.039500	15.485613	
0.75000	0.073578	4.694087	-0.133438
-1.82E-05	0.205375	12.394848	
1.00000	0.073578	9.109506	-0.133438
-1.82E-05	0.371250	3.815364	

ELEM 442 ========== LENGTH = 4.973122

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.149729	-8.412677	-0.224687
8.07E-06	-0.522505	3.877594	
0.25000	0.149729	-3.996544	-0.224687
8.07E-06	-0.243156	11.591666	
0.50000	0.149729	0.419588	-0.224687
8.07E-06	0.036193	13.815246	
0.75000	0.149729	4.835721	-0.224687
8.07E-06	0.315542	10.548335	
1.00000	0.149729	9.251853	-0.224687
8.07E-06	0.594892	1.790932	

ELEM 443 ========== LENGTH = 4.972181

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.181425	-8.121220	-0.273346
0.000124	-0.676052	1.866943	
0.25000	0.181425	-3.705923	-0.273346
0.000124	-0.336270	9.217779	
0.50000	0.181425	0.709373	-0.273346
0.000124	0.003512	11.080203	
0.75000	0.181425	5.124670	-0.273346
0.000124	0.343294	7.454213	
1.00000	0.181425	9.539966	-0.273346
0.000124	0.683075	-1.660190	

ELEM 444 ========== LENGTH = 2.760534

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105400	-5.428615	-1.010362
0.000255	-1.341956	-1.538564	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.105400	-2.977261	-1.010362
0.000255	-0.644672	1.362725	
0.50000	0.105400	-0.525907	-1.010362
0.000255	0.052612	2.570851	
0.75000	0.105400	1.925448	-1.010362
0.000255	0.749897	2.087916	
1.00000	0.105400	4.376802	-1.010362
0.000255	1.447181	-0.086781	

ELEM 445 ========== LENGTH = 2.743418

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.052881	-5.331545	1.059630
0.000940	1.508684	-0.080724	
0.25000	-0.052881	-2.177986	1.059630
0.000940	0.781932	2.494498	
0.50000	-0.052881	0.975573	1.059630
0.000940	0.055180	2.906839	
0.75000	-0.052881	4.129131	1.059630
0.000940	-0.671572	1.156297	
1.00000	-0.052881	7.282690	1.059630
0.000940	-1.398324	-2.757127	

ELEM 446 ========== LENGTH = 4.943032

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086093	-12.010190	0.289507
0.000601	0.718709	-2.883395	
0.25000	-0.086093	-6.328174	0.289507
0.000601	0.360949	8.447496	
0.50000	-0.086093	-0.646159	0.289507
0.000601	0.003189	12.756791	
0.75000	-0.086093	5.035857	0.289507
0.000601	-0.354571	10.044488	
1.00000	-0.086093	10.717873	0.289507
0.000601	-0.712332	0.310589	

ELEM 447 ========== LENGTH = 4.943852

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059638	-11.811942	0.244110
0.000315	0.640431	0.239958	
0.25000	-0.059638	-6.128984	0.244110
0.000315	0.338721	11.327120	
0.50000	-0.059638	-0.446025	0.244110
0.000315	0.037010	15.390354	
0.75000	-0.059638	5.236933	0.244110
0.000315	-0.264700	12.429662	
1.00000	-0.059638	10.919891	0.244110
0.000315	-0.566411	2.445042	

ELEM 448 ========== LENGTH = 4.943166

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021160	-11.643531	0.153237
0.000151	0.419449	2.375163	
0.25000	-0.021160	-5.961362	0.153237
0.000151	0.230080	13.253151	
0.50000	-0.021160	-0.279192	0.153237
0.000151	0.040711	17.109163	
0.75000	-0.021160	5.402977	0.153237
0.000151	-0.148658	13.943198	
1.00000	-0.021160	11.085146	0.153237
0.000151	-0.338027	3.755257	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 449 ========== LENGTH = 4.942369

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008074	-11.346218	0.054170
3.83E-05	0.177186	3.709533	
0.25000	0.008074	-5.664965	0.054170
3.83E-05	0.110254	14.218977	
0.50000	0.008074	0.016289	0.054170
3.83E-05	0.043322	17.708707	
0.75000	0.008074	5.697542	0.054170
3.83E-05	-0.023610	14.178724	
1.00000	0.008074	11.378795	0.054170
3.83E-05	-0.090542	3.629029	

ELEM 450 ========== LENGTH = 4.943689

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022164	-10.995271	-0.044916
-5.73E-05	-0.070809	3.626370	
0.25000	0.022164	-5.312500	-0.044916
-5.73E-05	-0.015296	13.703938	
0.50000	0.022164	0.370270	-0.044916
-5.73E-05	0.040217	16.758044	
0.75000	0.022164	6.053040	-0.044916
-5.73E-05	0.095730	12.788688	
1.00000	0.022164	11.735810	-0.044916
-5.73E-05	0.151243	1.795871	

ELEM 451 ========== LENGTH = 4.942152

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026994	-10.615462	-0.130474
-0.000165	-0.290985	1.807247	
0.25000	0.026994	-4.934458	-0.130474
-0.000165	-0.129780	11.413506	
0.50000	0.026994	0.746546	-0.130474
-0.000165	0.031425	14.000668	
0.75000	0.026994	6.427550	-0.130474
-0.000165	0.192630	9.568734	
1.00000	0.026994	12.108554	-0.130474
-0.000165	0.353835	-1.882296	

ELEM 452 ========== LENGTH = 4.943822

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031803	-10.288338	-0.188278
-0.000305	-0.448661	1.821312	
0.25000	0.031803	-4.605414	-0.188278
-0.000305	-0.216158	7.382696	
0.50000	0.031803	1.077510	-0.188278
-0.000305	0.016545	9.562863	
0.75000	0.031803	6.760434	-0.188278
-0.000305	0.249248	4.719168	
1.00000	0.031803	12.443357	-0.188278
-0.000305	0.481950	-7.148329	

ELEM 453 ========== LENGTH = 4.942624

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049292	-9.953527	-0.206114
-0.000457	-0.512209	-7.099094	
0.25000	0.049292	-4.271982	-0.206114
-0.000457	-0.257524	1.689823	
0.50000	0.049292	1.409564	-0.206114
-0.000457	-0.002838	3.458305	
0.75000	0.049292	7.091110	-0.206114
-0.000457	0.251847	-1.793650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
1.00000	0.049292	12.772656	-0.206114
-0.000457	0.506533	-14.066040	

ELEM 454 ========== LENGTH = 4.943366

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.081027	-10.601477	-0.171116
-0.000504	-0.450586	-14.009709	
0.25000	0.081027	-4.919077	-0.171116
-0.000504	-0.239114	-4.419236	
0.50000	0.081027	0.763323	-0.171116
-0.000504	-0.027642	-1.851308	
0.75000	0.081027	6.445722	-0.171116
-0.000504	0.183830	-6.305927	
1.00000	0.081027	12.128122	-0.171116
-0.000504	0.395302	-17.783092	

ELEM 455 ========== LENGTH = 3.460026

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117295	-8.389129	-0.211842
-0.000266	-0.407866	-17.734568	
0.25000	0.117295	-4.411629	-0.211842
-0.000266	-0.224321	-12.198113	
0.50000	0.117295	-0.434530	-0.211842
-0.000266	-0.041376	-10.102047	
0.75000	0.117295	3.542769	-0.211842
-0.000266	0.141869	-11.446370	
1.00000	0.117295	7.520069	-0.211842
-0.000266	0.325114	-16.231083	

ELEM 456 ========== LENGTH = 3.460010

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115260	-7.300185	-0.079450
0.000254	-0.173107	-16.201213	
0.25000	0.115260	-3.322903	-0.079450
0.000254	-0.104382	-11.606714	
0.50000	0.115260	0.654376	-0.079450
0.000254	-0.035658	-10.452574	
0.75000	0.115260	4.631660	-0.079450
0.000254	0.033067	-12.738792	
1.00000	0.115260	8.608941	-0.079450
0.000254	0.101791	-18.465368	

ELEM 457 ========== LENGTH = 4.942837

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076061	-11.848432	0.022569
0.000492	0.028438	-18.460769	
0.25000	0.076061	-6.166641	0.022569
0.000492	0.000549	-7.330073	
0.50000	0.076061	-0.484850	0.022569
0.000492	-0.027339	-3.220419	
0.75000	0.076061	5.196941	0.022569
0.000492	-0.055228	-6.131806	
1.00000	0.076061	10.878732	0.022569
0.000492	-0.083117	-16.064235	

ELEM 458 ========== LENGTH = 4.943095

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040332	-12.504383	0.066871
0.000442	0.153581	-16.069185	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.040332	-6.822296	0.066871
0.000442	0.070943	-4.127484	
0.50000	0.040332	-1.140208	0.066871
0.000442	-0.011695	1.792442	
0.75000	0.040332	4.541879	0.066871
0.000442	-0.094333	-1.309405	
1.00000	0.040332	10.223966	0.066871
0.000442	-0.176971	-10.433027	

ELEM 459 ========== LENGTH = 4.943480

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024573	-12.136243	0.074263
0.000282	0.187029	-10.443570	
0.25000	0.024573	-6.453713	0.074263
0.000282	0.095250	1.043814	
0.50000	0.024573	-0.771183	0.074263
0.000282	0.003471	5.508330	
0.75000	0.024573	4.911347	0.074263
0.000282	-0.088309	2.949979	
1.00000	0.024573	10.593877	0.074263
0.000282	-0.180088	-6.631241	

ELEM 460 ========== LENGTH = 4.943051

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020223	-11.861821	0.051429
0.000127	0.141108	-6.649653	
0.25000	0.020223	-6.179785	0.051429
0.000127	0.077555	4.497919	
0.50000	0.020223	-0.497748	0.051429
0.000127	0.014001	8.623842	
0.75000	0.020223	5.184288	0.051429
0.000127	-0.049553	5.728116	
1.00000	0.020223	10.866325	0.051429
0.000127	-0.113107	-4.189258	

ELEM 461 ========== LENGTH = 4.942686

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020197	-11.465324	0.010997
5.12E-07	0.045814	-4.199509	
0.25000	0.020197	-5.783706	0.010997
5.12E-07	0.032226	6.457558	
0.50000	0.020197	-0.102089	0.010997
5.12E-07	0.018637	10.094013	
0.75000	0.020197	5.579529	0.010997
5.12E-07	0.005048	6.709855	
1.00000	0.020197	11.261146	0.010997
5.12E-07	-0.008541	-3.694916	

ELEM 462 ========== LENGTH = 4.943447

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018468	-11.077619	-0.032866
-0.000125	-0.064058	-3.692274	
0.25000	0.018468	-5.395126	-0.032866
-0.000125	-0.023441	6.486744	
0.50000	0.018468	0.287366	-0.032866
-0.000125	0.017177	9.642987	
0.75000	0.018468	5.969858	-0.032866
-0.000125	0.057795	5.776455	
1.00000	0.018468	11.652350	-0.032866
-0.000125	0.098413	-5.178581	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

Page
< AFTER COMPOSITE SELF-WEIGHT LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 463 ========== LENGTH = 4.942379

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018804	-10.726489	-0.065342
-0.000278	-0.152214	-5.097920	
0.25000	0.018804	-5.045825	-0.065342
-0.000278	-0.071478	4.645803	
0.50000	0.018804	0.636040	-0.065342
-0.000278	0.009258	7.369786	
0.75000	0.018804	6.317304	-0.065342
-0.000278	0.089994	3.074029	
1.00000	0.018804	11.998569	-0.065342
-0.000278	0.170730	-8.241469	

ELEM 464 ========== LENGTH = 4.943351

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029135	-10.386625	-0.072701
-0.000434	-0.183269	-8.209644	
0.25000	0.029135	-4.704243	-0.072701
-0.000434	-0.093423	1.115289	
0.50000	0.029135	0.978140	-0.072701
-0.000434	-0.003577	3.417718	
0.75000	0.029135	6.660522	-0.072701
-0.000434	0.086269	-1.302356	
1.00000	0.029135	12.342905	-0.072701
-0.000434	0.176115	-13.044933	

ELEM 465 ========== LENGTH = 4.943558

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063043	-10.952313	-0.046697
-0.000484	-0.133639	-13.017477	
0.25000	0.063043	-5.269754	-0.046697
-0.000484	-0.075928	-2.993099	
0.50000	0.063043	0.412865	-0.046697
-0.000484	-0.018216	0.008190	
0.75000	0.063043	6.095485	-0.046697
-0.000484	0.039496	-4.013611	
1.00000	0.063043	11.778104	-0.046697
-0.000484	0.097208	-15.058500	

ELEM 466 ========== LENGTH = 3.459332

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103039	-8.563793	-0.001369
-0.000254	-0.030290	-15.057911	
0.25000	0.103039	-4.587291	-0.001369
-0.000254	-0.029106	-9.371165	
0.50000	0.103039	-0.610788	-0.001369
-0.000254	-0.027922	-7.123430	
0.75000	0.103039	3.365714	-0.001369
-0.000254	-0.026738	-8.314705	
1.00000	0.103039	7.342217	-0.001369
-0.000254	-0.025554	-12.944991	

ELEM 467 ========== LENGTH = 3.461020

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104034	-7.424321	0.100065
0.000241	0.143348	-12.947687	
0.25000	0.104034	-3.445879	0.100065
0.000241	0.056767	-8.244941	
0.50000	0.104034	0.532563	0.100065
0.000241	-0.029815	-6.984560	
0.75000	0.104034	4.511005	0.100065
0.000241	-0.116397	-9.166546	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	0.104034	8.489447	0.100065
0.000241	-0.202979	-14.790899	

ELEM 468 ========== LENGTH = 4.942972

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064918	-11.877895	0.097284
0.000473	0.222073	-14.824093	
0.25000	0.064918	-6.195949	0.097284
0.000473	0.101855	-9.656781	
0.50000	0.064918	-0.514003	0.097284
0.000473	-0.018362	0.489107	
0.75000	0.064918	5.167942	0.097284
0.000473	-0.138580	-2.386429	
1.00000	0.064918	10.849888	0.097284
0.000473	-0.258798	-12.283389	

ELEM 469 ========== LENGTH = 4.942569

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031286	-12.429724	0.120653
0.000424	0.297535	-12.316307	
0.25000	0.031286	-6.748241	0.120653
0.000424	0.148450	-0.467756	
0.50000	0.031286	-1.066758	0.120653
0.000424	-0.000634	4.360516	
0.75000	0.031286	4.814726	0.120653
0.000424	-0.149718	2.168506	
1.00000	0.031286	10.296209	0.120653
0.000424	-0.298803	-7.043784	

ELEM 470 ========== LENGTH = 4.943243

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021941	-12.140503	0.105267
0.000270	0.274037	-7.078202	
0.25000	0.021941	-6.458246	0.105267
0.000270	0.143946	4.414065	
0.50000	0.021941	-0.775988	0.105267
0.000270	0.013856	8.884137	
0.75000	0.021941	4.906270	0.105267
0.000270	-0.116235	6.332013	
1.00000	0.021941	10.588627	0.105267
0.000270	-0.246325	-3.242305	

ELEM 471 ========== LENGTH = 4.943063

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022015	-11.759091	0.060916
0.000121	0.174268	-3.267431	
0.25000	0.022015	-6.077040	0.060916
0.000121	0.099990	7.753209	
0.50000	0.022015	-0.394989	0.060916
0.000121	0.023711	11.752165	
0.75000	0.022015	5.287063	0.060916
0.000121	-0.051567	8.729436	
1.00000	0.022015	10.969114	0.060916
0.000121	-0.126845	-1.314978	

ELEM 472 ========== LENGTH = 4.943000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023222	-11.364071	0.001263
-6.95E-08	0.029867	-1.324360	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.023222	-5.682092	0.001263
-6.95E-08	0.028306	9.208038	
0.50000	0.023222	-0.000114	0.001263
-6.95E-08	0.026745	12.718931	
0.75000	0.023222	5.681865	0.001263
-6.95E-08	0.025184	9.208319	
1.00000	0.023222	11.363843	0.001263
-6.95E-08	0.023623	-1.323798	

ELEM 473 ========== LENGTH = 4.943063

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021809	-10.969302	-0.058480
-0.000121	-0.120792	-1.315153	
0.25000	0.021809	-5.267251	-0.058480
-0.000121	0.048524	8.729493	
0.50000	0.021809	0.394800	-0.058480
-0.000121	0.023744	11.752454	
0.75000	0.021809	6.076852	-0.058480
-0.000121	0.096011	7.753731	
1.00000	0.021809	11.758903	-0.058480
-0.000121	0.168279	-3.266677	

ELEM 474 ========== LENGTH = 4.943243

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021583	-10.588736	-0.103100
-0.000270	-0.240905	-3.242235	
0.25000	0.021583	-4.906478	-0.103100
-0.000270	-0.113493	6.332341	
0.50000	0.021583	0.775780	-0.103100
-0.000270	0.013919	8.884721	
0.75000	0.021583	6.458037	-0.103100
-0.000270	0.141332	4.414907	
1.00000	0.021583	12.140295	-0.103100
-0.000270	0.268744	-7.077102	

ELEM 475 ========== LENGTH = 4.942569

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030932	-10.296063	-0.118923
-0.000424	-0.294435	-7.043264	
0.25000	0.030932	-4.614680	-0.118923
-0.000424	-0.147489	2.168846	
0.50000	0.030932	1.066904	-0.118923
-0.000424	-0.000543	4.360675	
0.75000	0.030932	6.748387	-0.118923
-0.000424	0.146403	-0.467776	
1.00000	0.030932	12.429870	-0.118923
-0.000424	0.293349	-12.316508	

ELEM 476 ========== LENGTH = 4.942972

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064731	-10.850809	-0.096179
-0.000472	-0.255924	-12.284014	
0.25000	0.064731	-5.168863	-0.096179
-0.000472	-0.137071	-2.385917	
0.50000	0.064731	0.513083	-0.096179
-0.000472	-0.018218	0.490757	
0.75000	0.064731	6.195029	-0.096179
-0.000472	0.100635	-3.653994	
1.00000	0.064731	11.876975	-0.096179
-0.000472	0.219488	-14.820168	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 477 ========== LENGTH = 3.460020

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104123	-8.483810	-0.099153
-0.000241	-0.201241	-14.787222	
0.25000	0.104123	-4.506517	-0.099153
-0.000241	-0.115473	-9.168873	
0.50000	0.104123	-0.529224	-0.099153
-0.000241	-0.029704	-6.990903	
0.75000	0.104123	3.448069	-0.099153
-0.000241	0.056064	-8.253310	
1.00000	0.104123	7.425361	-0.099153
-0.000241	0.141832	-12.956096	

ELEM 478 ========== LENGTH = 3.460332

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00001	0.104217	-7.341699	0.001297
0.000254	-0.025544	-12.938602	
0.25000	0.104217	-3.363978	0.001297
0.000254	-0.026666	-8.307983	
0.50000	0.104217	0.613674	0.001297
0.000254	-0.027788	-7.118362	
0.75000	0.104217	4.591325	0.001297
0.000254	-0.028910	-9.389740	
1.00000	0.104217	8.568977	0.001297
0.000254	-0.030033	-15.062117	

ELEM 479 ========== LENGTH = 4.943558

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063699	-11.780239	0.046037
0.000484	0.095725	-15.062596	
0.25000	0.063699	-6.097619	0.046037
0.000484	0.038829	-4.015069	
0.50000	0.063699	-0.415000	0.046037
0.000484	-0.018068	0.009369	
0.75000	0.063699	5.267620	0.046037
0.000484	-0.074964	-2.989282	
1.00000	0.063699	10.950239	0.046037
0.000484	-0.131861	-13.011022	

ELEM 480 ========== LENGTH = 4.942352

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029315	-12.336913	0.071484
0.000434	0.173160	-13.038200	
0.25000	0.029315	-6.655680	0.071484
0.000434	0.084834	-1.304689	
0.50000	0.029315	-0.974446	0.071484
0.000434	0.003491	3.409157	
0.75000	0.029315	4.706788	0.071484
0.000434	-0.091816	1.103338	
1.00000	0.029315	10.388022	0.071484
0.000434	-0.180141	-8.222145	

ELEM 481 ========== LENGTH = 4.943378

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018194	-11.997471	0.063653
0.000278	0.166663	-8.231280	
0.25000	0.018194	-6.315059	0.063653
0.000278	0.087997	3.084440	
0.50000	0.018194	-0.632646	0.063653
0.000278	0.009332	7.377581	
0.75000	0.018194	5.049767	0.063653
0.000278	-0.069334	4.648143	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	0.018194	10.732180	0.063653
0.000278	-0.148000	-5.103873	

ELEM 482 ========== LENGTH = 4.943447

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017799	-11.653766	0.030998
0.000125	0.093824	-5.118275	
0.25000	0.017799	-5.971273	0.030998
0.000125	0.055515	-5.772781	
0.50000	0.017799	-0.288781	0.030998
0.000125	0.017206	9.641062	
0.75000	0.017799	5.393711	0.030998
0.000125	-0.021103	6.486568	
1.00000	0.017799	11.076204	0.030998
0.000125	-0.059412	-3.690701	

ELEM 483 ========== LENGTH = 4.942686

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019247	-11.260781	-0.012849
-7.96E-07	-0.013128	-3.692788	
0.25000	0.019247	-5.579163	-0.012849
-7.96E-07	0.002750	6.711531	
0.50000	0.019247	0.102454	-0.012849
-7.96E-07	0.018627	10.095238	
0.75000	0.019247	5.784072	-0.012849
-7.96E-07	0.034505	6.458332	
1.00000	0.019247	11.465689	-0.012849
-7.96E-07	0.050382	-4.199188	

ELEM 484 ========== LENGTH = 4.943051

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018290	-10.866408	-0.052999
-0.000127	-0.117051	-4.188422	
0.25000	0.018290	-5.184371	-0.052999
-0.000127	-0.051557	5.729055	
0.50000	0.018290	0.497666	-0.052999
-0.000127	0.013937	8.624882	
0.75000	0.018290	6.179702	-0.052999
-0.000127	0.079431	4.499062	
1.00000	0.018290	11.861739	-0.052999
-0.000127	0.144926	-6.648408	

ELEM 485 ========== LENGTH = 4.943480

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020736	-10.594127	-0.075219
-0.000283	-0.182578	-6.629618	
0.25000	0.020736	-4.911597	-0.075219
-0.000283	-0.089618	2.951910	
0.50000	0.020736	0.770933	-0.075219
-0.000283	0.003343	5.510571	
0.75000	0.020736	6.453463	-0.075219
-0.000283	0.096304	1.046364	
1.00000	0.020736	12.135993	-0.075219
-0.000283	0.189264	-10.440711	

ELEM 486 ========== LENGTH = 4.943095

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034662	-10.223431	-0.066873
-0.000441	-0.177164	-10.430120	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.034662	-4.541343	-0.066873
-0.000441	-0.094524	1.307160	
0.50000	0.034662	1.140744	-0.066873
-0.000441	-0.011885	0.794025	
0.75000	0.034662	6.822831	-0.066873
-0.000441	0.070755	-4.126563	
1.00000	0.034662	12.504919	-0.066873
-0.000441	0.153394	-16.068926	

ELEM 487 ========== LENGTH = 4.942837

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071102	-10.881244	-0.021593
-0.000490	-0.080815	-16.064285	
0.25000	0.071102	-5.199453	-0.021593
-0.000490	-0.054133	-6.128752	
0.50000	0.071102	0.482338	-0.021593
-0.000490	-0.027450	-3.214261	
0.75000	0.071102	6.164129	-0.021593
-0.000490	-0.000767	-7.320811	
1.00000	0.071102	11.845920	-0.021593
-0.000490	0.025915	-18.448403	

ELEM 488 ========== LENGTH = 3.460010

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113687	-8.591010	0.082045
-0.000249	-0.035175	-18.434437	
0.25000	0.113687	-4.613728	0.082045
-0.000249	0.035406	-12.742372	
0.50000	0.113687	-0.636447	0.082045
-0.000249	-0.035563	-10.471665	
0.75000	0.113687	3.340835	0.082045
-0.000249	-0.106533	-11.641316	
1.00000	0.113687	7.318116	0.082045
-0.000249	-0.177502	-16.251326	

ELEM 489 ========== LENGTH = 3.460026

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114339	-7.538166	0.213788
0.000261	0.328447	-16.281659	
0.25000	0.114339	-3.560866	0.213788
0.000261	0.143520	-11.481292	
0.50000	0.114339	0.416433	0.213788
0.000261	-0.041408	-10.121315	
0.75000	0.114339	4.393733	0.213788
0.000261	-0.226335	-12.201727	
1.00000	0.114339	8.371032	0.213788
0.000261	-0.411263	-17.722529	

ELEM 490 ========== LENGTH = 4.943366

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.072405	-12.125530	0.172629
0.000502	0.398824	-17.771478	
0.25000	0.072405	-6.443130	0.172629
0.000502	0.185481	-6.297516	
0.50000	0.072405	-0.760730	0.172629
0.000502	-0.027861	-1.846101	
0.75000	0.072405	4.921670	0.172629
0.000502	-0.241204	-4.417232	
1.00000	0.072405	10.604069	0.172629
0.000502	-0.454546	-14.010910	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 491 ========== LENGTH = 4.942624

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038334	-12.775246	0.208837
0.000457	0.513040	-14.067860	
0.25000	0.038334	-7.093700	0.208837
0.000457	0.254990	-1.792270	
0.50000	0.038334	-1.412154	0.208837
0.000457	-0.003061	3.462884	
0.75000	0.038334	4.269392	0.208837
0.000457	-0.261111	1.697602	
1.00000	0.038334	9.950938	0.208837
0.000457	-0.519161	-7.088115	

ELEM 492 ========== LENGTH = 4.942827

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021469	-12.436678	0.192286
0.000305	0.491559	-7.138245	
0.25000	0.021469	-6.754698	0.192286
0.000305	0.253950	4.719335	
0.50000	0.021469	-1.073119	0.192286
0.000305	0.016341	9.555901	
0.75000	0.021469	4.608661	0.192286
0.000305	-0.221268	7.371455	
1.00000	0.021469	10.290440	0.192286
0.000305	-0.458877	-1.834004	

ELEM 493 ========== LENGTH = 4.943147

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017206	-12.109005	0.135237
0.000165	0.365540	-1.870378	
0.25000	0.017206	-6.426857	0.135237
0.000165	0.198416	9.582809	
0.50000	0.017206	-0.744710	0.135237
0.000165	0.031291	14.014073	
0.75000	0.017206	4.937438	0.135237
0.000165	-0.135834	11.423413	
1.00000	0.017206	10.619586	0.135237
0.000165	-0.302958	1.810830	

ELEM 494 ========== LENGTH = 4.943689

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013350	-11.739455	0.050414
5.76E-05	0.164734	1.784191	
0.25000	0.013350	-6.056685	0.050414
5.76E-05	0.102426	12.781513	
0.50000	0.013350	-0.373914	0.050414
5.76E-05	0.040118	16.755373	
0.75000	0.013350	5.308856	0.050414
5.76E-05	-0.022190	13.705771	
1.00000	0.013350	10.991676	0.050414
5.76E-05	-0.084497	3.632708	

ELEM 495 ========== LENGTH = 4.942369

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000712	-11.377916	-0.048163
-3.84E-05	-0.075782	3.633664	
0.25000	-0.000712	-5.696663	-0.048163
-3.84E-05	-0.016272	14.182273	
0.50000	-0.000712	-0.015410	-0.048163
-3.84E-05	0.043238	17.711170	
0.75000	-0.000712	5.665844	-0.048163
-3.84E-05	0.102748	14.220353	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-0.000712	11.347097	-0.048163
-3.84E-05	0.162258	3.709824	

ELEM 496 ========== LENGTH = 4.943166

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030610	-11.087377	-0.146756
-0.000152	-0.322098	3.753751	
0.25000	-0.030610	-5.405108	-0.146756
-0.000152	-0.140739	13.944326	
0.50000	-0.030610	0.277061	-0.146756
-0.000152	0.040620	17.112924	
0.75000	-0.030610	5.959231	-0.146756
-0.000152	0.221980	13.259546	
1.00000	-0.030610	11.641400	-0.146756
-0.000152	0.403339	2.384191	

ELEM 497 ========== LENGTH = 4.942859

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070352	-10.914920	-0.237144
-0.000315	-0.549224	2.452137	
0.25000	-0.070352	-5.233103	-0.237144
-0.000315	-0.256181	12.429313	
0.50000	-0.070352	0.448714	-0.237144
-0.000315	0.036861	15.385382	
0.75000	-0.070352	6.130531	-0.237144
-0.000315	0.329904	11.320347	
1.00000	-0.070352	11.812348	-0.237144
-0.000315	0.622946	0.234205	

ELEM 498 ========== LENGTH = 4.944025

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097011	-10.717660	-0.282159
-0.000600	-0.693920	0.323227	
0.25000	-0.097011	-5.034503	-0.282159
-0.000600	-0.345169	10.058112	
0.50000	-0.097011	0.648653	-0.282159
-0.000600	0.003581	12.768581	
0.75000	-0.097011	6.331809	-0.282159
-0.000600	0.352331	8.454634	
1.00000	-0.097011	12.014966	-0.282159
-0.000600	0.701082	-2.883730	

ELEM 499 ========== LENGTH = 2.743418

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059235	-7.284824	-1.034176
-0.000935	-1.364710	-2.760549	
0.25000	-0.059235	-4.131266	-1.034176
-0.000935	-0.655416	1.154339	
0.50000	-0.059235	-0.977707	-1.034176
-0.000935	0.053879	2.906345	
0.75000	-0.059235	2.175852	-1.034176
-0.000935	0.763173	2.495468	
1.00000	-0.059235	5.329410	-1.034176
-0.000935	1.472468	-0.078290	

ELEM 500 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-353.901781	-0.382841	-28.898415
.000000	-31.788256	-0.421125	

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-353.901781	-0.382841	-28.898415
.000000	-23.841192	-0.315844	
0.50000	-353.901781	-0.382841	-28.898415
.000000	-15.894128	-0.210563	
0.75000	-353.901781	-0.382841	-28.898415
.000000	-7.947064	-0.105281	
1.00000	-353.901781	-0.382841	-28.898415
.000000	6.99E-11	-7.45E-10	

ELEM 501 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1021.060	-0.475734	15.171835
.000000	18.206202	-0.570881	
0.25000	-1021.060	-0.475734	15.171835
.000000	13.654651	-0.428160	
0.50000	-1021.060	-0.475734	15.171835
.000000	9.103101	-0.285440	
0.75000	-1021.060	-0.475734	15.171835
.000000	4.551550	-0.142720	
1.00000	-1021.060	-0.475734	15.171835
.000000	-8.73E-12	4.66E-11	

ELEM 502 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-888.977951	.000000	0.275516
.000000	0.330619	.000000	
0.25000	-888.977951	.000000	0.275516
.000000	0.247964	.000000	
0.50000	-888.977951	.000000	0.275516
.000000	0.165310	.000000	
0.75000	-888.977951	.000000	0.275516
.000000	0.082655	.000000	
1.00000	-888.977951	.000000	0.275516
.000000	1.60E-11	.000000	

ELEM 503 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-888.995626	1.831870	0.668927
.000000	0.802712	2.198244	
0.25000	-888.995626	1.831870	0.668927
.000000	0.602034	1.648683	
0.50000	-888.995626	1.831870	0.668927
.000000	0.401356	1.099122	
0.75000	-888.995626	1.831870	0.668927
.000000	0.200678	0.549561	
1.00000	-888.995626	1.831870	0.668927
.000000	2.91E-12	-2.33E-11	

ELEM 504 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1019.902	-0.225831	4.339538
.000000	5.207445	-0.270997	
0.25000	-1019.902	-0.225831	4.339538
.000000	3.905584	-0.203248	
0.50000	-1019.902	-0.225831	4.339538
.000000	2.603723	-0.135498	
0.75000	-1019.902	-0.225831	4.339538
.000000	1.301861	-0.067749	
1.00000	-1019.902	-0.225831	4.339538
.000000	1.16E-11	-5.82E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 505 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-353.573791	0.660213	-33.206713
.000000	-36.527384	0.726235	
0.25000	-353.573791	0.660213	-33.206713
.000000	-27.395538	0.544676	
0.50000	-353.573791	0.660213	-33.206713
.000000	-18.263692	0.363117	
0.75000	-353.573791	0.660213	-33.206713
.000000	-9.131846	0.181559	
1.00000	-353.573791	0.660213	-33.206713
.000000	8.15E-11	-1.86E-10	

ELEM 506 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-206.747400	1.414539	27.365674
.000000	30.102242	1.555993	
0.25000	-206.747400	1.414539	27.365674
.000000	22.576681	1.166994	
0.50000	-206.747400	1.414539	27.365674
.000000	15.051121	0.777996	
0.75000	-206.747400	1.414539	27.365674
.000000	7.525560	0.388998	
1.00000	-206.747400	1.414539	27.365674
.000000	-1.32E-10	1.86E-10	

ELEM 507 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-636.344497	-0.323899	-12.452260
.000000	-14.942711	-0.388679	
0.25000	-636.344497	-0.323899	-12.452260
.000000	-11.207034	-0.291509	
0.50000	-636.344497	-0.323899	-12.452260
.000000	-7.471356	-0.194339	
0.75000	-636.344497	-0.323899	-12.452260
.000000	-3.735678	-0.097170	
1.00000	-636.344497	-0.323899	-12.452260
.000000	-3.64E-12	2.56E-10	

ELEM 508 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-502.470165	2.33E-10	-1.633729
.000000	-1.960475	.000000	
0.25000	-502.470165	2.33E-10	-1.633729
.000000	-1.470356	-6.98E-11	
0.50000	-502.470165	2.33E-10	-1.633729
.000000	-0.980237	-1.40E-10	
0.75000	-502.470165	2.33E-10	-1.633729
.000000	-0.490119	-2.10E-10	
1.00000	-502.470165	2.33E-10	-1.633729
.000000	4.37E-12	-2.79E-10	

ELEM 509 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-502.392611	-0.413486	-1.194664
.000000	-1.433596	-0.496183	
0.25000	-502.392611	-0.413486	-1.194664
.000000	-1.075197	-0.372137	
0.50000	-502.392611	-0.413486	-1.194664
.000000	-0.716798	-0.248092	
0.75000	-502.392611	-0.413486	-1.194664
.000000	-0.358399	-0.124046	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
1.00000	-502.392611	-0.413486	-1.194664
.000000	1.31E-11	-2.91E-11	

ELEM 510 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-639.198631	0.120032	-2.306525
.000000	-2.767830	0.144039	
0.25000	-639.198631	0.120032	-2.306525
.000000	-2.075872	0.108029	
0.50000	-639.198631	0.120032	-2.306525
.000000	-1.383915	0.072019	
0.75000	-639.198631	0.120032	-2.306525
.000000	-0.691957	0.036010	
1.00000	-639.198631	0.120032	-2.306525
.000000	-1.75E-11	-9.31E-11	

ELEM 511 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-207.775437	-2.478631	31.863694
.000000	35.050063	-2.726495	
0.25000	-207.775437	-2.478631	31.863694
.000000	26.287548	-2.044871	
0.50000	-207.775437	-2.478631	31.863694
.000000	17.525032	-1.363247	
0.75000	-207.775437	-2.478631	31.863694
.000000	8.762516	-0.681624	
1.00000	-207.775437	-2.478631	31.863694
.000000	6.84E-11	-2.79E-10	

ELEM 512 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-434.036022	1.86E-09	2.33E-10
.000000	1.75E-10	.000000	
0.25000	-434.036022	1.86E-09	2.33E-10
.000000	1.11E-10	-5.12E-10	
0.50000	-434.036022	1.86E-09	2.33E-10
.000000	4.66E-11	-1.02E-09	
0.75000	-434.036022	1.86E-09	2.33E-10
.000000	-1.75E-11	-1.54E-09	
1.00000	-434.036022	1.86E-09	2.33E-10
.000000	-8.15E-11	-2.05E-09	

ELEM 513 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1302.418	5.82E-11	1.16E-10
.000000	1.16E-10	1.16E-10	
0.25000	-1302.418	5.82E-11	1.16E-10
.000000	8.15E-11	9.30E-11	
0.50000	-1302.418	5.82E-11	1.16E-10
.000000	4.66E-11	8.15E-11	
0.75000	-1302.418	5.82E-11	1.16E-10
.000000	1.16E-11	6.40E-11	
1.00000	-1302.418	5.82E-11	1.16E-10
.000000	-2.33E-11	4.66E-11	

ELEM 514 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1148.796	.000000	-1.16E-10
.000000	-3.49E-10	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1002.OUT

< AFTER COMPOSITE SELF-WEIGHT LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-1148.796	.000000	-1.16E-10
.000000	-3.14E-10	.000000	
0.50000	-1148.796	.000000	-1.16E-10
.000000	-2.79E-10	.000000	
0.75000	-1148.796	.000000	-1.16E-10
.000000	-2.44E-10	.000000	
1.00000	-1148.796	.000000	-1.16E-10
.000000	-2.10E-10	.000000	

ELEM 515 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1148.808	0.273768	0.007121
.000000	0.008545	0.328522	
0.25000	-1148.808	0.273768	0.007121
.000000	0.006409	0.246391	
0.50000	-1148.808	0.273768	0.007121
.000000	0.004273	0.164261	
0.75000	-1148.808	0.273768	0.007121
.000000	0.002136	0.082130	
1.00000	-1148.808	0.273768	0.007121
.000000	4.66E-11	1.92E-10	

ELEM 516 ========== LENGTH = 1.200000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1300.680	.000000	-1.16E-10
.000000	-2.33E-10	2.33E-10	
0.25000	-1300.680	.000000	-1.16E-10
.000000	-1.98E-10	2.33E-10	
0.50000	-1300.680	.000000	-1.16E-10
.000000	-1.63E-10	2.33E-10	
0.75000	-1300.680	.000000	-1.16E-10
.000000	-1.28E-10	2.33E-10	
1.00000	-1300.680	.000000	-1.16E-10
.000000	-9.31E-11	2.33E-10	

ELEM 517 ========== LENGTH = 1.100000

LOAD AFTER ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-433.369397	9.31E-10	-1.16E-10
4.55E-13	.000000	.000000	
0.25000	-433.369397	9.31E-10	-1.16E-10
4.55E-13	3.20E-11	-2.56E-10	
0.50000	-433.369397	9.31E-10	-1.16E-10
4.55E-13	6.40E-11	-5.12E-10	
0.75000	-433.369397	9.31E-10	-1.16E-10
4.55E-13	9.60E-11	-7.68E-10	
1.00000	-433.369397	9.31E-10	-1.16E-10
4.55E-13	1.28E-10	-1.02E-09	

< MOVING LOAD 1 >

D I S P L A C E M E N T D E G R E E S O F F R E E D O M

(A) = Active DOF, equilibrium equation
(-) = Restrained DOF, reaction computed
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS	U1	U2	U3	R1	R2	R3
1 TO 280	A	A	A	A	A	A
281 TO 283	A	-	-	A	A	A
284	-	-	-	A	A	A
285 TO 289	A	-	-	A	A	A
290	-	-	-	A	A	A
291 TO 292	A	-	-	A	A	A
293 TO 295	A	A	-	A	A	A
296	-	A	-	A	A	A
297 TO 298	A	A	-	A	A	A

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

< MOVING LOAD >

T O T A L A S S E M B L E D J O I N T M A S S E S

IN GLOBAL COORDINATES

	UX	UY	UZ
RX	RY	RZ	
TOTAL	.000000	.000000	.000000
.000000	.000000	.000000	

T O T A L A C C E L E R A T E D M A S S A N D L O C A T I O N

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-1 ---------- MAX

JOINT	U1	U2	U3	
R1	R2	R3		
1	0.000250	0.000149	1.54E-08	
1.94E-05	0.000489	1.10E-06		
2	0.000250	0.000148	0.000303	
2.44E-05	0.000469	9.35E-07		
3	0.000250	0.000155	0.000828	
3.45E-05	0.000385	3.25E-06		
4	0.000250	0.000169	0.001298	
4.34E-05	0.000277	3.85E-06		
5	0.000250	0.000178	0.001692	
5.08E-05	0.000168	2.87E-06		
6	0.000250	0.000175	0.001984	
5.65E-05	6.97E-05	1.41E-06		
7	0.000251	0.000159	0.002144	
5.99E-05	6.10E-06	3.31E-07		
8	0.000251	0.000132	0.002139	
5.94E-05	2.56E-05	9.38E-07		
9	0.000252	9.65E-05	0.001931	
5.26E-05	8.89E-05	2.13E-06		
10	0.000252	5.92E-05	0.001482	
3.50E-05	0.000121	3.88E-06		
11	0.000253	3.58E-05	0.000733	
5.50E-06	0.000184	5.29E-06		
12	0.000253	5.40E-05	2.42E-08	
8.55E-06	0.000234	4.83E-06		
13	0.000255	6.91E-05	0.000795	
1.92E-05	0.000275	4.21E-06		
14	0.000253	9.01E-05	0.001581	
4.66E-05	0.000292	4.68E-06		
15	0.000254	0.000112	0.002014	
5.72E-05	0.000263	4.79E-06		
16	0.000254	0.000130	0.002170	
5.74E-05	0.000197	3.96E-06		
17	0.000255	0.000138	0.002096	
5.17E-05	0.000112	2.51E-06		
18	0.000256	0.000134	0.001850	
5.28E-05	6.48E-05	1.40E-06		
19	0.000257	0.000119	0.001879	
5.53E-05	8.19E-05	1.54E-06		
20	0.000257	9.49E-05	0.001744	
5.15E-05	8.82E-05	1.66E-06		
21	0.000258	6.71E-05	0.001370	
3.71E-05	0.000104	3.35E-06		
22	0.000259	4.09E-05	0.000691	
6.16E-06	0.000171	4.88E-06		
23	0.000260	3.61E-05	2.89E-08	
3.03E-06	0.000225	4.89E-06		
24	0.000260	5.23E-05	0.000695	
1.25E-05	0.000271	4.74E-06		
25	0.000261	7.63E-05	0.001376	
4.11E-05	0.000296	5.30E-06		
26	0.000262	0.000101	0.001749	
5.32E-05	0.000273	5.34E-06		
27	0.000263	0.000122	0.001881	
5.50E-05	0.000212	4.46E-06		
28	0.000264	0.000134	0.001814	
5.10E-05	0.000128	2.97E-06		
29	0.000265	0.000133	0.001807	
5.01E-05	5.43E-05	1.39E-06		
30	0.000267	0.000121	0.001873	
5.41E-05	6.94E-05	9.33E-07		
31	0.000268	0.000100	0.001741	
5.23E-05	7.52E-05	1.24E-06		
32	0.000269	7.58E-05	0.001369	
4.04E-05	0.000102	2.89E-06		
33	0.000270	5.23E-05	0.000691	
1.25E-05	0.000171	4.44E-06		
34	0.000272	3.70E-05	2.89E-08	
3.58E-06	0.000226	4.58E-06		
35	0.000272	3.86E-05	0.000687	
5.46E-06	0.000276	4.58E-06		
36	0.000272	6.21E-05	0.001363	
3.59E-05	0.000307	5.26E-06		
37	0.000272	8.71E-05	0.001736	
5.02E-05	0.000269	5.37E-06		
38	0.000272	0.000108	0.001872	
5.39E-05	0.000231	4.52E-06		
39	0.000271	0.000121	0.001853	
5.15E-05	0.000147	3.02E-06		
40	0.000270	0.000127	0.002099	
5.26E-05	6.23E-05	1.41E-06		
41	0.000268	0.000112	0.002172	
5.86E-05	6.68E-05	8.58E-07		
42	0.000266	9.20E-05	0.002016	
5.88E-05	7.36E-05	1.47E-06		
43	0.000264	6.79E-05	0.001581	
4.88E-05	0.000117	3.37E-06		
44	0.000262	4.46E-05	0.000795	
2.24E-05	0.000197	5.26E-06		
45	0.000261	2.90E-05	2.33E-08	
6.02E-06	0.000260	5.64E-06		
46	0.000260	4.81E-05	0.000734	
3.20E-06	0.000319	5.88E-06		
47	0.000259	7.88E-05	0.001483	
3.37E-05	0.000363	6.93E-06		
48	0.000258	0.000113	0.001932	
5.17E-05	0.000356	7.42E-06		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	
R1	R2	R3		
49	0.000257	0.000146	0.002141	
5.89E-05	0.000304	6.84E-06		
50	0.000257	0.000171	0.002146	
5.98E-05	0.000217	5.32E-06		
51	0.000256	0.000184	0.001987	
5.67E-05	0.000116	3.28E-06		
52	0.000256	0.000184	0.001695	
5.12E-05	6.47E-05	1.34E-06		
53	0.000256	0.000172	0.001300	
4.42E-05	8.30E-05	5.61E-07		
54	0.000257	0.000155	0.000830	
3.57E-05	9.73E-05	1.32E-06		
55	0.000257	0.000146	0.000304	
2.64E-05	0.000106	3.09E-06		
56	0.000257	0.000146	1.58E-08	
2.21E-05	0.000108	3.72E-06		
57	0.000189	5.02E-05	1.15E-08	
1.45E-05	0.000304	2.67E-06		
58	0.000189	5.61E-05	0.000259	
1.95E-05	0.000291	1.91E-06		
59	0.000189	5.82E-05	0.000707	
3.16E-05	0.000238	5.73E-07		
60	0.000189	5.16E-05	0.001105	
4.31E-05	0.000164	7.91E-07		
61	0.000189	4.24E-05	0.001434	
5.35E-05	8.73E-05	8.83E-07		
62	0.000189	3.41E-05	0.001667	
6.24E-05	2.16E-05	9.32E-07		
63	0.000189	2.64E-05	0.001778	
6.92E-05	1.82E-06	9.72E-07		
64	0.000189	1.87E-05	0.001739	
7.23E-05	3.15E-07	9.42E-07		
65	0.000189	1.96E-05	0.001527	
6.88E-05	6.77E-05	6.99E-07		
66	0.000189	2.17E-05	0.001126	
5.33E-05	0.000106	2.61E-07		
67	0.000189	2.09E-05	0.000527	
1.91E-05	0.000142	3.24E-07		
68	0.000189	2.03E-05	2.24E-08	
1.55E-05	0.000162	5.09E-07		
69	0.000189	2.27E-05	0.000584	
4.79E-05	0.000176	1.03E-06		
70	0.000189	2.58E-05	0.001218	
7.45E-05	0.000176	5.94E-07		
71	0.000188	2.56E-05	0.001610	
8.15E-05	0.000151	2.70E-07		
72	0.000188	2.32E-05	0.001780	
7.65E-05	0.000104	3.52E-07		
73	0.000188	2.11E-05	0.001752	
6.53E-05	4.68E-05	4.53E-07		
74	0.000188	1.92E-05	0.001568	
6.24E-05	5.22E-05	6.08E-07		
75	0.000188	1.66E-05	0.001511	
6.93E-05	6.86E-05	7.60E-07		
76	0.000188	1.31E-05	0.001361	
6.96E-05	7.53E-05	8.44E-07		
77	0.000188	1.12E-05	0.001026	
5.80E-05	8.98E-05	8.82E-07		
78	0.000188	1.10E-05	0.000489	
2.72E-05	0.000129	8.20E-07		
79	0.000187	1.10E-05	2.24E-08	
2.07E-06	0.000153	6.41E-07		
80	0.000187	1.32E-05	0.000494	
3.44E-05	0.000171	1.06E-06		
81	0.000187	1.65E-05	0.001034	
6.30E-05	0.000178	7.75E-07		
82	0.000187	1.78E-05	0.001368	
7.24E-05	0.000159	4.08E-07		
83	0.000187	1.74E-05	0.001514	
7.02E-05	0.000117	2.01E-07		
84	0.000187	1.64E-05	0.001491	
6.16E-05	6.01E-05	2.26E-07		
85	0.000186	1.65E-05	0.001491	
6.06E-05	4.20E-05	3.18E-07		
86	0.000186	1.67E-05	0.001513	
6.89E-05	5.66E-05	3.74E-07		
87	0.000186	1.63E-05	0.001367	
7.10E-05	6.30E-05	3.17E-07		
88	0.000186	1.48E-05	0.001033	
6.17E-05	8.69E-05	3.77E-07		
89	0.000186	1.19E-05	0.000494	
3.35E-05	0.000129	3.78E-07		
90	0.000186	1.03E-05	2.24E-08	
1.92E-06	0.000155	5.30E-07		
91	0.000186	1.08E-05	0.000490	
2.72E-05	0.000178	9.66E-07		
92	0.000186	1.18E-05	0.001026	
5.73E-05	0.000187	7.89E-07		
93	0.000186	1.12E-05	0.001361	
6.86E-05	0.000173	5.05E-07		
94	0.000186	9.98E-06	0.001511	
6.82E-05	0.000133	3.12E-07		
95	0.000187	1.05E-05	0.001569	
6.15E-05	7.58E-05	2.42E-07		
96	0.000187	1.04E-05	0.001753	
6.50E-05	3.86E-05	2.62E-07		
97	0.000187	1.01E-05	0.001780	
7.59E-05	5.41E-05	3.39E-07		
98	0.000187	1.00E-05	0.001609	
8.05E-05	6.15E-05	3.95E-07		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3	
R1	R2	R3		
99	0.000187	9.51E-06	0.001218	
7.28E-05	9.85E-05	4.01E-07		
100	0.000187	7.37E-06	0.000583	
4.51E-05	0.000149	5.84E-07		
101	0.000187	8.29E-06	2.24E-08	
1.19E-05	0.000183	1.22E-06		
102	0.000186	8.66E-06	0.000528	
2.10E-05	0.000211	1.86E-06		
103	0.000186	1.47E-05	0.001127	
5.45E-05	0.000233	1.82E-06		
104	0.000186	2.24E-05	0.001529	
6.97E-05	0.000226	1.57E-06		
105	0.000186	2.91E-05	0.001741	
7.29E-05	0.000189	1.38E-06		
106	0.000186	3.53E-05	0.001779	
6.95E-05	0.000127	1.26E-06		
107	0.000186	4.12E-05	0.001668	
6.25E-05	5.44E-05	1.41E-06		
108	0.000186	4.79E-05	0.001435	
5.34E-05	5.23E-05	1.56E-06		
109	0.000186	5.52E-05	0.001106	
4.28E-05	6.98E-05	1.36E-06		
110	0.000186	5.93E-05	0.000707	
3.09E-05	8.33E-05	2.76E-07		
111	0.000186	5.45E-05	0.000259	
1.81E-05	9.18E-05	6.5E-07		
112	0.000185	4.70E-05	1.14E-08	
1.23E-05	9.36E-05	7.88E-07		
113	0.000133	4.42E-05	2.67E-08	
1.70E-05	0.000163	1.29E-06		
114	0.000133	2.70E-05	0.000214	
2.10E-05	0.000158	1.32E-06		
115	0.000133	6.30E-06	0.000586	
3.02E-05	0.000132	1.45E-06		
116	0.000133	9.94E-06	0.000916	
3.88E-05	9.16E-05	1.59E-06		

117	0.000133	1.77E-05	0.001182
4.59E-05	4.47E-05	1.68E-06	
118	0.000133	2.58E-05	0.001360
5.12E-05	9.28E-06	1.64E-06	
119	0.000133	3.32E-05	0.001425
5.38E-05	6.47E-06	1.40E-06	
120	0.000133	3.88E-05	0.001359
5.25E-05	3.29E-05	2.48E-06	
121	0.000132	4.07E-05	0.001152
4.56E-05	6.03E-05	3.51E-06	
122	0.000132	3.73E-05	0.000812
3.12E-05	8.40E-05	3.90E-06	
123	0.000132	2.78E-05	0.000359
9.54E-06	0.000101	3.59E-06	
124	0.000132	1.80E-05	2.14E-08
6.79E-06	0.000106	3.06E-06	
125	0.000131	6.48E-06	0.000405
1.83E-05	0.000106	2.38E-06	
126	0.000131	6.72E-06	0.000891
4.04E-05	9.80E-05	1.38E-06	
127	0.000131	1.10E-05	0.001229
5.15E-05	7.97E-05	1.04E-06	
128	0.000131	1.36E-05	0.001406
5.35E-05	5.05E-05	1.18E-06	
129	0.000130	1.94E-05	0.001419
4.93E-05	1.59E-05	1.22E-06	
130	0.000130	2.51E-05	0.001294
4.73E-05	3.90E-05	1.22E-06	
131	0.000129	2.95E-05	0.001162
4.88E-05	5.51E-05	2.44E-06	
132	0.000129	3.09E-05	0.001008
4.45E-05	6.25E-05	3.35E-06	
133	0.000129	2.75E-05	0.000724
3.23E-05	7.13E-05	3.68E-06	
134	0.000128	1.86E-05	0.000326
1.15E-05	9.02E-05	3.41E-06	
135	0.000128	9.21E-06	1.73E-08
3.49E-06	9.74E-05	2.96E-06	
136	0.000128	7.46E-06	0.000330
1.48E-05	0.000100	2.35E-06	
137	0.000127	1.64E-05	0.000731
3.53E-05	9.77E-05	1.36E-06	
138	0.000126	2.05E-05	0.001015
4.65E-05	8.39E-05	8.45E-07	
139	0.000126	2.03E-05	0.001166
4.95E-05	5.83E-05	9.94E-07	
140	0.000125	1.74E-05	0.001181
4.68E-05	2.45E-05	1.05E-06	
141	0.000124	1.92E-05	0.001186
4.61E-05	3.03E-05	1.66E-06	
142	0.000123	2.28E-05	0.001171
4.88E-05	4.43E-05	2.89E-06	
143	0.000123	2.39E-05	0.001020
4.58E-05	5.11E-05	3.74E-06	
144	0.000122	1.96E-05	0.000736
3.49E-05	7.02E-05	3.99E-06	
145	0.000121	1.03E-05	0.000333
1.48E-05	9.14E-05	3.63E-06	
146	0.000120	5.92E-06	1.70E-08
3.77E-06	0.000101	3.13E-06	
147	0.000120	1.55E-05	0.000328
1.10E-05	0.000105	2.46E-06	
148	0.000120	2.48E-05	0.000729
3.14E-05	0.000105	1.38E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
6

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000120	2.86E-05	0.001014
4.35E-05	9.35E-05	6.57E-07	
150	0.000120	2.79E-05	0.001168
4.78E-05	6.93E-05	7.96E-07	
151	0.000120	2.43E-05	0.001294
4.64E-05	3.49E-05	8.64E-07	
152	0.000121	1.94E-05	0.001419
4.96E-05	2.76E-05	1.88E-06	
153	0.000122	2.19E-05	0.001406
5.41E-05	4.23E-05	3.10E-06	
154	0.000124	2.22E-05	0.001230
5.23E-05	5.00E-05	3.89E-06	
155	0.000125	1.83E-05	0.000891
4.17E-05	8.22E-05	4.07E-06	
156	0.000127	9.29E-06	0.000405
2.01E-05	0.000110	3.65E-06	
157	0.000127	5.50E-06	1.97E-08
5.68E-06	0.000123	3.11E-06	
158	0.000128	1.47E-05	0.000359
8.33E-06	0.000133	2.45E-06	
159	0.000129	2.39E-05	0.000812
3.04E-05	0.000138	1.39E-06	
160	0.000129	2.77E-05	0.001153
4.51E-05	0.000129	3.77E-07	
161	0.000129	2.68E-05	0.001360
5.22E-05	0.000104	9.71E-08	
162	0.000129	2.28E-05	0.001426
5.37E-05	6.39E-05	8.60E-07	
163	0.000129	1.71E-05	0.001360
5.12E-05	2.07E-05	2.31E-06	
164	0.000128	1.12E-05	0.001183
4.61E-05	4.13E-05	3.91E-06	
165	0.000128	5.51E-06	0.000917
3.91E-05	5.72E-05	5.19E-06	
166	0.000127	4.27E-06	0.000587
3.08E-05	6.39E-05	5.87E-06	
167	0.000127	2.42E-05	0.000215
2.20E-05	7.58E-05	5.97E-06	
168	0.000127	4.01E-05	2.68E-08
1.83E-05	7.71E-05	5.92E-06	
169	0.000220	9.44E-05	5.98E-05
3.76E-05	0.000410	3.26E-05	
170	0.000220	9.71E-05	0.000279
1.85E-05	0.000384	2.63E-05	
171	0.000220	0.000102	0.000767
3.26E-05	0.000310	2.55E-05	
172	0.000220	0.000106	0.001204
4.35E-05	0.000217	2.11E-05	
173	0.000220	0.000106	0.001568
5.31E-05	0.000123	2.08E-05	
174	0.000220	0.000100	0.001833
6.16E-05	4.07E-05	2.04E-05	
175	0.000220	8.74E-05	0.001972
6.87E-05	2.70E-06	2.00E-05	
176	0.000220	6.93E-05	0.001955
7.45E-05	2.87E-05	1.97E-05	
177	0.000220	4.78E-05	0.001748
7.79E-05	6.93E-05	1.93E-05	
178	0.000220	2.58E-05	0.001324
7.56E-05	0.000116	1.89E-05	
179	0.000220	2.71E-05	0.000648
5.34E-05	0.000168	1.72E-05	
180	0.000220	3.61E-05	3.45E-05
4.26E-05	0.000200	1.58E-05	
181	0.000221	4.43E-05	0.000723
8.02E-05	0.000224	1.69E-05	
182	0.000221	5.58E-05	0.001431
9.36E-05	0.000232	1.97E-05	
183	0.000221	6.63E-05	0.001838
8.74E-05	0.000204	1.82E-05	
184	0.000221	7.35E-05	0.001995
7.59E-05	0.000147	1.86E-05	
185	0.000221	7.58E-05	0.001938
6.26E-05	7.55E-05	1.93E-05	
186	0.000222	7.25E-05	0.001718
6.15E-05	5.98E-05	2.06E-05	
187	0.000222	6.35E-05	0.001711
7.09E-05	7.62E-05	2.23E-05	
188	0.000222	5.02E-05	0.001573
7.79E-05	8.25E-05	2.45E-05	
189	0.000222	3.49E-05	0.001221
7.95E-05	9.78E-05	2.74E-05	
190	0.000223	2.01E-05	0.000613
6.11E-05	0.000152	2.90E-05	
191	0.000223	2.21E-05	2.37E-05
2.88E-05	0.000189	2.96E-05	
192	0.000223	3.10E-05	0.000619
6.83E-05	0.000218	3.45E-05	
193	0.000224	4.40E-05	0.001229
8.40E-05	0.000235	3.96E-05	
194	0.000224	5.66E-05	0.001580
8.02E-05	0.000214	3.94E-05	
195	0.000224	6.65E-05	0.001714
7.12E-05	0.000162	3.70E-05	
196	0.000225	7.17E-05	0.001665
6.02E-05	9.20E-05	3.28E-05	
197	0.000225	7.14E-05	0.001661
5.92E-05	4.92E-05	2.79E-05	
198	0.000226	6.56E-05	0.001710
6.99E-05	6.38E-05	2.25E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
7

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000226	5.54E-05	0.001575
7.87E-05	6.98E-05	1.75E-05	
200	0.000226	4.26E-05	0.001225
8.24E-05	9.39E-05	1.32E-05	
201	0.000227	3.02E-05	0.000616
6.71E-05	0.000150	1.05E-05	
202	0.000227	2.21E-05	2.25E-05
2.87E-05	0.000189	1.14E-05	
203	0.000227	1.88E-05	0.000612
6.02E-05	0.000222	1.51E-05	
204	0.000227	3.14E-05	0.001219
7.80E-05	0.000245	2.04E-05	
205	0.000227	4.42E-05	0.001570
7.64E-05	0.000230	2.36E-05	
206	0.000228	5.48E-05	0.001708
6.95E-05	0.000182	2.65E-05	
207	0.000228	6.11E-05	0.001719
6.04E-05	0.000111	2.88E-05	
208	0.000228	6.20E-05	0.001938
6.29E-05	4.56E-05	3.06E-05	
209	0.000227	5.74E-05	0.001994
7.62E-05	6.11E-05	3.18E-05	
210	0.000226	4.82E-05	0.001836
8.76E-05	6.82E-05	3.21E-05	
211	0.000225	3.64E-05	0.001427
9.35E-05	0.000105	3.19E-05	
212	0.000224	2.41E-05	0.000717
7.97E-05	0.000171	2.90E-05	
213	0.000223	1.58E-05	2.56E-05
4.17E-05	0.000218	2.61E-05	
214	0.000223	2.53E-05	0.000653
5.40E-05	0.000261	2.76E-05	
215	0.000222	4.39E-05	0.001328
7.59E-05	0.000296	3.22E-05	
216	0.000221	6.40E-05	0.001751
7.80E-05	0.000292	3.09E-05	
217	0.000221	8.34E-05	0.001957
7.46E-05	0.000248	2.60E-05	
218	0.000221	9.89E-05	0.001975
6.88E-05	0.000175	2.43E-05	
219	0.000221	0.000109	0.001835
6.18E-05	8.80E-05	2.33E-05	
220	0.000221	0.000112	0.001569
5.34E-05	5.92E-05	2.26E-05	
221	0.000221	0.000110	0.001204
4.38E-05	7.73E-05	2.21E-05	
222	0.000221	0.000103	0.000765
3.29E-05	9.13E-05	2.20E-05	
223	0.000221	9.53E-05	0.000275
1.84E-05	0.000100	1.84E-05	
224	0.000221	9.13E-05	5.89E-05
3.72E-05	0.000103	2.27E-05	
225	0.000160	4.82E-05	7.07E-06
2.59E-05	0.000236	2.92E-05	
226	0.000160	4.10E-05	0.000240
1.56E-05	0.000217	2.30E-05	
227	0.000160	2.25E-05	0.000647
3.01E-05	0.000173	2.55E-05	
228	0.000161	9.12E-06	0.001008
4.13E-05	0.000118	2.02E-05	
229	0.000161	1.03E-05	0.001301
5.12E-05	5.71E-05	1.85E-05	
230	0.000161	1.66E-05	0.001503
5.95E-05	1.01E-05	1.80E-05	
231	0.000160	2.30E-05	0.001586
6.64E-05	5.17E-06	1.75E-05	
232	0.000160	2.84E-05	0.001529
7.05E-05	3.42E-05	1.69E-05	
233	0.000160	3.16E-05	0.001315
6.95E-05	6.60E-05	1.63E-05	
234	0.000160	3.10E-05	0.000943
5.92E-05	9.62E-05	1.57E-05	
235	0.000160	2.52E-05	0.000426
3.33E-05	0.000120	1.40E-05	
236	0.000160	1.90E-05	7.11E-06
2.38E-05	0.000131	1.26E-05	
237	0.000159	1.32E-05	0.000464
5.50E-05	0.000136	1.34E-05	
238	0.000159	4.69E-06	0.001019
7.69E-05	0.000129	1.49E-05	
239	0.000159	4.08E-06	0.001388
8.04E-05	0.000107	1.39E-05	
240	0.000159	6.88E-06	0.001568
7.40E-05	6.95E-05	1.43E-05	
241	0.000159	1.10E-05	0.001568
6.24E-05	2.50E-05	1.52E-05	
242	0.000158	1.53E-05	0.001420
5.94E-05	4.48E-05	1.66E-05	
243	0.000158	1.93E-05	0.001316
6.72E-05	6.12E-05	1.87E-05	
244	0.000158	2.18E-05	0.001158
6.96E-05	6.85E-05	2.12E-05	
245	0.000158	2.10E-05	0.000847
6.23E-05	8.09E-05	2.44E-05	
246	0.000157	1.59E-05	0.000387
3.86E-05	0.000107	2.55E-05	
247	0.000157	1.02E-05	3.80E-06
1.45E-05	0.000121	2.49E-05	
248	0.000157	5.35E-06	0.000390
4.39E-05	0.000130	2.81E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
8

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000157	1.07E-05	0.000853
6.64E-05	0.000130	3.16E-05	
250	0.000156	1.23E-05	0.001164
7.21E-05	0.000114	3.09E-05	
251	0.000156	1.11E-05	0.001319
6.82E-05	8.02E-05	2.83E-05	
252	0.000156	8.76E-06	0.001321
5.89E-05	3.67E-05	2.40E-05	
253	0.000155	1.04E-05	0.001323
5.79E-05	3.54E-05	1.89E-05	
254	0.000155	1.34E-05	0.001321
6.70E-05	4.95E-05	1.38E-05	
255	0.000155	1.48E-05	0.001168
7.09E-05	5.67E-05	9.81E-06	
256	0.000154	1.32E-05	0.000856
6.53E-05	7.81E-05	7.47E-06	
257	0.000154	7.36E-06	0.000392
4.34E-05	0.000107	6.50E-06	
258	0.000154	8.23E-06	3.80E-06
1.47E-05	0.000123	6.54E-06	
259	0.000154	1.43E-05	0.000388
3.79E-05	0.000134	7.97E-06	
260	0.000153	2.00E-05	0.000849
6.13E-05	0.000138	1.16E-05	
261	0.000153	2.15E-05	0.001161
6.84E-05	0.000126	1.53E-05	
262	0.000153	1.99E-05	0.001318
6.61E-05	9.47E-05	1.85E-05	
263	0.000153	1.69E-05	0.001421
5.85E-05	5.07E-05	2.14E-05	
264	0.000153	1.35E-05	0.001569
6.23E-05	3.22E-05	2.36E-05	
265	0.000154	1.23E-05	0.001570
7.39E-05	4.76E-05	2.49E-05	
266	0.000155	1.35E-05	0.001390
8.03E-05	5.54E-05	2.55E-05	
267	0.000155	1.22E-05	0.001022
7.68E-05	8.90E-05	2.54E-05	
268	0.000156	7.14E-06	0.000469
5.55E-05	0.000125	2.30E-05	
269	0.000156	5.75E-06	2.88E-06
2.52E-05	0.000147	2.07E-05	
270	0.000157	1.12E-05	0.000423
3.28E-05	0.000165	2.18E-05	
271	0.000157	1.66E-05	0.000942
5.92E-05	0.000177	2.23E-05	
272	0.000157	1.76E-05	0.001314
6.97E-05	0.000170	2.10E-05	
273	0.000157	1.54E-05	0.001529
7.07E-05	0.000140	1.98E-05	
274	0.000157	1.16E-05	0.001587
6.65E-05	9.10E-05	1.87E-05	
275	0.000157	7.37E-06	0.001504
5.96E-05	3.33E-05	1.79E-05	
276	0.000156	6.08E-06	0.001303
5.12E-05	4.60E-05	1.72E-05	
277	0.000156	1.00E-05	0.001009
4.13E-05	6.29E-05	1.67E-05	
278	0.000156	2.28E-05	0.000649
2.99E-05	7.55E-05	1.63E-05	
279	0.000156	3.88E-05	0.000243
1.57E-05	8.36E-05	1.36E-05	
280	0.000155	4.45E-05	1.05E-05
2.60E-05	8.59E-05	1.66E-05	
281	0.000259	7.20E-06	.000000
2.45E-05	0.000490	1.10E-06	
282	0.000302	9.48E-06	.000000
2.99E-06	0.000233	4.83E-06	
283	0.000037	.000000	.000000
3.03E-06	0.000225	4.89E-06	
284	.000000	.000000	.000000
-3.55E-06	0.000226	4.58E-06	
285	0.000492	2.56E-05	.000000
-1.05E-05	0.000259	5.64E-06	
286	0.000479	5.53E-06	.000000
1.79E-05	0.000109	3.72E-06	
287	0.000197	1.89E-05	.000000
2.55E-05	0.000305	2.67E-06	
288	0.000195	3.98E-06	.000000
1.51E-05	0.000162	5.09E-07	
289	0.000244	.000000	.000000
2.06E-06	0.000153	5.41E-07	
290	.000000	.000000	.000000
-8.49E-07	0.000155	5.30E-07	
291	0.000362	1.88E-05	.000000
-9.92E-07	0.000183	1.22E-06	
292	0.000287	2.23E-05	.000000
-2.11E-06	9.41E-05	7.88E-07	
293	0.000479	4.32E-06	.000000
2.54E-05	0.000166	1.29E-06	
294	0.000128	5.58E-06	.000000
1.21E-05	0.000106	3.06E-06	
295	0.000176	7.59E-07	.000000
1.81E-05	9.61E-05	2.96E-06	
296	3.24E-07	4.30E-06	.000000
2.77E-07	0.000100	3.13E-06	
297	0.000238	6.34E-05	.000000
-6.91E-06	0.000118	3.11E-06	
298	0.000131	3.41E-05	.000000
-2.54E-06	7.84E-05	5.92E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
9

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000246	-1.91E-05	-2.82E-07
-0.000142	-0.000108	-3.78E-06	
2	-0.000245	-1.64E-05	-0.001380
-0.000199	-0.000106	-3.16E-06	
3	-0.000245	-1.38E-05	-0.003662
-0.000311	-9.74E-05	-1.38E-06	
4	-0.000246	-1.32E-05	-0.005462
-0.000392	-8.31E-05	-6.54E-07	
5	-0.000246	-1.33E-05	-0.006645
-0.000436	-6.47E-05	-1.59E-06	
6	-0.000246	-1.34E-05	-0.007101
-0.000439	-0.000116	-3.60E-06	
7	-0.000246	-1.26E-05	-0.006815
-0.000407	-0.000147	-5.66E-06	
8	-0.000247	-9.72E-06	-0.005850
-0.000345	-0.000304	-7.21E-06	
9	-0.000247	-4.58E-06	-0.004386
-0.000255	-0.000356	-7.91E-06	
10	-0.000247	-4.61E-06	-0.002679
-0.000155	-0.000363	-7.66E-06	
11	-0.000248	-5.78E-06	-0.001005
-6.10E-05	-0.000319	-6.45E-06	
12	-0.000248	-6.98E-06	-3.35E-07
-3.90E-05	-0.000261	-5.58E-06	
13	-0.000248	-1.57E-05	-0.000911
-9.40E-05	-0.000197	-4.57E-06	
14	-0.000248	-3.26E-05	-0.002389
-0.000188	-0.000117	-2.62E-06	
15	-0.000249	-4.07E-05	-0.003839
-0.000275	-7.38E-05	-9.01E-07	
16	-0.000249	-4.18E-05	-0.004998
-0.000341	-6.70E-05	-5.46E-07	
17	-0.000250	-3.83E-05	-0.005620
-0.000371	-6.51E-05	-1.06E-06	
18	-0.000250	-3.22E-05	-0.005605
-0.000364	-0.000147	-3.49E-06	
19	-0.000251	-2.48E-05	-0.004955
-0.000324	-0.000230	-5.06E-06	
20	-0.000252	-1.72E-05	-0.003784
-0.000251	-0.000289	-5.94E-06	
21	-0.000253	-1.01E-05	-0.002338
-0.000160	-0.000307	-5.84E-06	
22	-0.000254	-4.21E-06	-0.000883
-6.96E-05	-0.000277	-5.12E-06	
23	-0.000255	-3.63E-06	-3.34E-07
-3.01E-05	-0.000228	-4.99E-06	
24	-0.000256	-5.64E-06	-0.000876
-8.21E-05	-0.000172	-4.69E-06	
25	-0.000257	-1.41E-05	-0.002319
-0.000174	-0.000103	-3.03E-06	
26	-0.000258	-2.41E-05	-0.003747
-0.000263	-7.49E-05	-1.32E-06	
27	-0.000259	-2.73E-05	-0.004899
-0.000332	-6.00E-05	-9.64E-07	
28	-0.000260	-2.61E-05	-0.005527
-0.000367	-5.41E-05	-1.39E-06	
29	-0.000262	-2.38E-05	-0.005526
-0.000367	-0.000129	-2.99E-06	
30	-0.000263	-2.50E-05	-0.004895
-0.000332	-0.000212	-4.48E-06	
31	-0.000265	-2.21E-05	-0.003742
-0.000262	-0.000273	-5.33E-06	
32	-0.000266	-1.25E-05	-0.002314
-0.000174	-0.000296	-5.23E-06	
33	-0.000267	-6.27E-06	-0.000873
-8.22E-05	-0.000270	-4.57E-06	
34	-0.000268	-4.30E-06	-3.34E-07
-3.09E-05	-0.000224	-3.57E-06	
35	-0.000268	-3.23E-06	-0.000879
-6.87E-05	-0.000170	-4.43E-06	
36	-0.000268	-7.40E-06	-0.002332
-0.000159	-0.000104	-2.89E-06	
37	-0.000268	-1.25E-05	-0.003777
-0.000250	-5.83E-05	-1.24E-06	
38	-0.000267	-1.81E-05	-0.004949
-0.000323	-8.20E-05	-1.12E-06	
39	-0.000266	-2.34E-05	-0.005601
-0.000363	-6.48E-05	-1.37E-06	
40	-0.000265	-2.74E-05	-0.005618
-0.000370	-0.000112	-2.95E-06	
41	-0.000264	-2.89E-05	-0.004998
-0.000341	-0.000196	-4.46E-06	
42	-0.000264	-2.53E-05	-0.003839
-0.000276	-0.000263	-5.37E-06	
43	-0.000263	-1.41E-05	-0.002391
-0.000189	-0.000292	-5.35E-06	
44	-0.000262	-2.62E-06	-0.000911
-9.64E-05	-0.000275	-4.83E-06	
45	-0.000262	-3.18E-06	-3.35E-07
-4.22E-05	-0.000234	-5.00E-06	
46	-0.000261	-7.67E-06	-0.001005
-5.78E-05	-0.000184	-4.99E-06	
47	-0.000261	-1.83E-05	-0.002678
-0.000153	-0.000121	-3.48E-06	
48	-0.000260	-2.82E-05	-0.004385
-0.000254	-6.89E-05	-1.83E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
10

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000260	-3.35E-05	-0.005849
-0.000343	-2.56E-05	-6.97E-07	
50	-0.000259	-3.52E-05	-0.006813
-0.000406	-6.16E-06	-4.85E-07	
51	-0.000259	-3.49E-05	-0.007099
-0.000438	-6.98E-05	-1.77E-06	
52	-0.000259	-3.36E-05	-0.006643
-0.000435	-0.000168	-3.34E-06	
53	-0.000259	-3.17E-05	-0.005461
-0.000392	-0.000277	-4.38E-06	
54	-0.000259	-2.94E-05	-0.003661
-0.000310	-0.000385	-3.77E-06	
55	-0.000259	-2.68E-05	-0.001380
-0.000199	-0.000469	-1.37E-06	
56	-0.000259	-2.59E-05	-2.82E-07
-0.000142	-0.000489	-1.10E-06	
57	-0.000186	-8.46E-06	-3.14E-08
-6.22E-05	-9.34E-05	-9.09E-07	
58	-0.000187	-8.24E-06	-0.000845
-0.000117	-7.86E-05	-1.07E-06	
59	-0.000187	-6.59E-06	-0.002264
-0.000236	-8.31E-05	-6.92E-07	
60	-0.000187	-3.79E-06	-0.003402
-0.000325	-6.97E-05	-1.86E-06	
61	-0.000187	-1.44E-06	-0.004160
-0.000375	-5.22E-05	-2.05E-06	
62	-0.000187	-2.02E-06	-0.004472
-0.000384	-5.45E-05	-1.88E-06	
63	-0.000187	-2.69E-06	-0.004314
-0.000357	-0.000127	-1.60E-06	
64	-0.000187	-3.31E-06	-0.003733
-0.000299	-0.000189	-1.64E-06	
65	-0.000186	-3.86E-06	-0.002830
-0.000216	-0.000226	-1.71E-06	
66	-0.000186	-5.30E-06	-0.001758
-0.000123	-0.000233	-1.74E-06	
67	-0.000186	-9.35E-06	-0.000680
-3.44E-05	-0.000211	-1.61E-06	
68	-0.000186	-1.37E-05	-5.35E-08
-2.02E-05	-0.000182	-1.19E-06	
69	-0.000186	-1.65E-05	-0.000597
-6.48E-05	-0.000149	-7.59E-07	
70	-0.000186	-1.91E-05	-0.001512
-0.000146	-9.85E-05	-4.46E-07	
71	-0.000186	-2.04E-05	-0.002381
-0.000224	-6.16E-05	-3.49E-07	
72	-0.000186	-2.06E-05	-0.003066
-0.000285	-5.41E-05	-6.47E-07	
73	-0.000186	-1.93E-05	-0.003434
-0.000315	-3.85E-05	-7.10E-07	
74	-0.000186	-1.68E-05	-0.003420
-0.000311	-7.58E-05	-6.51E-07	
75	-0.000186	-1.34E-05	-0.003030
-0.000273	-0.000133	-6.92E-07	
76	-0.000186	-9.42E-06	-0.002333
-0.000207	-0.000173	-9.10E-07	
77	-0.000185	-5.20E-06	-0.001466
-0.000126	-0.000187	-1.18E-06	
78	-0.000185	-1.79E-06	-0.000572
-4.44E-05	-0.000175	-1.30E-06	
79	-0.000185	-2.47E-06	-4.52E-08
-9.14E-06	-0.000155	-8.27E-07	
80	-0.000185	-4.05E-06	-0.000566
-5.34E-05	-0.000129	-3.76E-07	
81	-0.000185	-5.31E-06	-0.001447
-0.000135	-8.69E-05	-2.98E-07	
82	-0.000185	-6.54E-06	-0.002297
-0.000215	-6.29E-05	-3.26E-07	
83	-0.000185	-7.60E-06	-0.002976
-0.000278	-5.66E-05	-3.25E-07	
84	-

118	-0.000132	-7.77E-05	-0.002566
-0.000239	-2.07E-05	-2.77E-06	
119	-0.000132	-8.28E-05	-0.002502
-0.000223	-6.39E-05	-1.17E-06	
120	-0.000131	-7.76E-05	-0.002193
-0.000189	-0.000104	-2.08E-07	
121	-0.000131	-6.42E-05	-0.001693
-0.000141	-0.000129	-3.36E-07	
122	-0.000131	-4.60E-05	-0.001081
-8.64E-05	-0.000138	-1.39E-06	
123	-0.000130	-2.74E-05	-0.000436
-3.48E-05	-0.000133	-2.52E-06	
124	-0.000130	-1.66E-05	-6.21E-09
-1.75E-05	-0.000124	-3.19E-06	
125	-0.000130	-9.63E-06	-0.000372
-4.28E-05	-0.000110	-3.72E-06	
126	-0.000130	-1.46E-05	-0.000899
-8.72E-05	-8.23E-05	-4.20E-06	
127	-0.000130	-3.49E-05	-0.001374
-0.000130	-4.97E-05	-4.13E-06	
128	-0.000130	-5.28E-05	-0.001738
-0.000163	-4.20E-05	-3.43E-06	
129	-0.000130	-6.46E-05	-0.001928
-0.000180	-2.74E-05	-2.22E-06	
130	-0.000130	-6.79E-05	-0.001918
-0.000178	-3.51E-05	-8.99E-07	
131	-0.000129	-6.23E-05	-0.001708
-0.000157	-6.94E-05	-4.48E-07	
132	-0.000129	-4.93E-05	-0.001335
-0.000121	-9.35E-05	-3.46E-07	
133	-0.000129	-3.21E-05	-0.000861
-7.74E-05	-0.000105	-1.30E-06	
134	-0.000128	-1.56E-05	-0.000351
-3.32E-05	-0.000105	-2.40E-06	
135	-0.000128	-4.12E-06	-5.27E-09
-1.32E-05	-0.000100	-3.08E-06	
136	-0.000127	-3.27E-06	-0.000344
-3.80E-05	-9.08E-05	-3.63E-06	
137	-0.000126	-2.23E-05	-0.000842
-8.21E-05	-6.99E-05	-4.06E-06	
138	-0.000125	-4.17E-05	-0.001300
-0.000125	-5.13E-05	-3.89E-06	
139	-0.000124	-5.78E-05	-0.001657
-0.000159	-4.46E-05	-3.10E-06	
140	-0.000124	-6.72E-05	-0.001852
-0.000178	-3.05E-05	-1.86E-06	
141	-0.000123	-6.79E-05	-0.001853
-0.000178	-2.42E-05	-8.71E-07	
142	-0.000122	-5.97E-05	-0.001660
-0.000159	-5.81E-05	-8.20E-07	
143	-0.000121	-4.46E-05	-0.001304
-0.000125	-8.38E-05	-6.92E-07	
144	-0.000120	-2.57E-05	-0.000846
-8.19E-05	-9.78E-05	-1.38E-06	
145	-0.000119	-6.78E-06	-0.000347
-3.81E-05	-0.000101	-2.46E-06	
146	-0.000118	-2.21E-06	-5.29E-09
-1.36E-05	-9.83E-05	-3.12E-06	
147	-0.000118	-1.28E-05	-0.000354
-3.28E-05	-0.000116	-3.62E-06	
148	-0.000119	-3.17E-05	-0.000866
-7.68E-05	-7.16E-05	-3.97E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
12

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000119	-5.06E-05	-0.001340
-0.000121	-6.25E-05	-3.73E-06	
150	-0.000120	-6.57E-05	-0.001713
-0.000156	-5.51E-05	-2.88E-06	
151	-0.000120	-7.38E-05	-0.001922
-0.000177	-3.90E-05	-1.65E-06	
152	-0.000121	-7.30E-05	-0.001932
-0.000179	-1.61E-05	-1.05E-06	
153	-0.000122	-6.34E-05	-0.001740
-0.000163	-5.07E-05	-9.99E-07	
154	-0.000122	-4.72E-05	-0.001376
-0.000130	-7.98E-05	-8.51E-07	
155	-0.000123	-2.76E-05	-0.000901
-8.78E-05	-9.82E-05	-1.35E-06	
156	-0.000123	-8.57E-06	-0.000372
-4.38E-05	-0.000106	-2.37E-06	
157	-0.000123	-2.66E-06	-4.28E-09
-1.85E-05	-0.000106	-3.00E-06	
158	-0.000124	-1.29E-05	-0.000436
-3.30E-05	-0.000101	-3.50E-06	
159	-0.000124	-3.11E-05	-0.001081
-8.51E-05	-8.44E-05	-3.85E-06	
160	-0.000124	-4.94E-05	-0.001693
-0.000140	-3.08E-05	-3.16E-06	
161	-0.000124	-6.38E-05	-0.002193
-0.000188	-3.29E-05	-2.73E-06	
162	-0.000125	-7.08E-05	-0.002502
-0.000223	-6.48E-06	-1.36E-06	
163	-0.000125	-6.83E-05	-0.002566
-0.000239	-9.22E-06	-1.24E-06	
164	-0.000125	-5.54E-05	-0.002363
-0.000233	-1.47E-05	-1.27E-06	
165	-0.000125	-3.37E-05	-0.001912
-0.000206	-9.17E-05	-1.23E-06	
166	-0.000125	-6.63E-06	-0.001258
-0.000158	-0.000132	-1.17E-06	
167	-0.000125	-8.43E-06	-0.000464
-9.54E-05	-0.000158	-1.12E-06	
168	-0.000124	-1.12E-05	-2.63E-09
-6.64E-05	-0.000163	-1.11E-06	
169	-0.000216	-1.32E-05	-8.03E-06
-4.66E-06	-0.000102	-2.18E-05	
170	-0.000216	-1.21E-05	-0.001050
-0.000127	-0.000100	-1.77E-05	
171	-0.000216	-1.10E-05	-0.002900
-0.000319	-9.10E-05	-2.09E-05	
172	-0.000216	-8.28E-06	-0.004372
-0.000430	-7.70E-05	-2.06E-05	
173	-0.000216	-6.59E-06	-0.005345
-0.000486	-5.91E-05	-2.05E-05	
174	-0.000216	-4.75E-06	-0.005730
-0.000494	-8.81E-05	-2.04E-05	
175	-0.000216	-2.88E-06	-0.005508
-0.000460	-0.000175	-2.05E-05	
176	-0.000216	-3.19E-06	-0.004737
-0.000389	-0.000249	-2.69E-05	
177	-0.000216	-3.63E-06	-0.003556
-0.000287	-0.000292	-3.11E-05	
178	-0.000217	-4.13E-06	-0.002172
-0.000165	-0.000296	-3.25E-05	
179	-0.000217	-4.95E-06	-0.000805
-4.10E-05	-0.000261	-2.78E-05	
180	-0.000217	-8.37E-06	-8.59E-06
-7.85E-07	-0.000218	-2.26E-05	
181	-0.000217	-1.81E-05	-0.000730
-6.92E-05	-0.000170	-2.00E-05	
182	-0.000217	-2.75E-05	-0.001913
-0.000191	-0.000105	-1.97E-05	
183	-0.000217	-3.18E-05	-0.003062
-0.000302	-6.85E-05	-1.97E-05	
184	-0.000217	-3.20E-05	-0.003977
-0.000382	-6.13E-05	-2.01E-05	
185	-0.000217	-2.93E-05	-0.004472
-0.000420	-4.58E-05	-2.07E-05	
186	-0.000217	-2.47E-05	-0.004457
-0.000415	-0.000111	-2.17E-05	
187	-0.000218	-1.92E-05	-0.003937
-0.000368	-0.000182	-2.30E-05	
188	-0.000218	-1.33E-05	-0.003007
-0.000283	-0.000230	-2.43E-05	
189	-0.000218	-7.50E-06	-0.001860
-0.000170	-0.000245	-2.62E-05	
190	-0.000219	-2.33E-06	-0.000697
-4.97E-05	-0.000223	-2.55E-05	
191	-0.000219	-2.60E-06	-3.07E-06
-3.31E-06	-0.000190	-2.46E-05	
192	-0.000220	-4.21E-06	-0.000692
-5.86E-05	-0.000150	-2.74E-05	
193	-0.000221	-1.05E-05	-0.001842
-0.000180	-9.40E-05	-3.06E-05	
194	-0.000221	-1.55E-05	-0.002972
-0.000292	-6.96E-05	-3.10E-05	
195	-0.000222	-1.75E-05	-0.003881
-0.000375	-6.36E-05	-3.08E-05	
196	-0.000222	-1.70E-05	-0.004382
-0.000416	-4.90E-05	-2.99E-05	
197	-0.000222	-1.52E-05	-0.004381
-0.000416	-9.23E-05	-2.83E-05	
198	-0.000222	-1.48E-05	-0.003879
-0.000374	-0.000162	-2.60E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
13

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000223	-1.30E-05	-0.002969
-0.000291	-0.000215	-2.33E-05	
200	-0.000223	-8.38E-06	-0.001839
-0.000179	-0.000235	-2.02E-05	
201	-0.000224	-4.25E-06	-0.000690
-5.75E-05	-0.000218	-1.50E-05	
202	-0.000224	-2.72E-06	-3.09E-06
-3.29E-06	-0.000189	-1.13E-05	
203	-0.000225	-1.44E-06	-0.000696
-4.87E-05	-0.000152	-1.05E-05	
204	-0.000225	-4.78E-06	-0.001858
-0.000169	-9.76E-05	-1.33E-05	
205	-0.000225	-8.59E-06	-0.003004
-0.000281	-0.000225	-1.77E-05	
206	-0.000225	-1.25E-05	-0.003934
-0.000367	-7.61E-05	-2.29E-05	
207	-0.000225	-1.59E-05	-0.004455
-0.000414	-5.97E-05	-2.84E-05	
208	-0.000224	-1.83E-05	-0.004471
-0.000419	-7.53E-05	-3.50E-05	
209	-0.000224	-1.89E-05	-0.003976
-0.000382	-0.000147	-3.80E-05	
210	-0.000224	-1.68E-05	-0.003061
-0.000302	-0.000204	-4.07E-05	
211	-0.000223	-1.09E-05	-0.001911
-0.000192	-0.000232	-4.12E-05	
212	-0.000223	-2.28E-06	-0.000727
-6.90E-05	-0.000224	-3.64E-05	
213	-0.000223	-3.08E-06	-1.83E-06
-1.50E-06	-0.000200	-3.15E-05	
214	-0.000223	-6.81E-06	-0.000811
-4.15E-05	-0.000168	-3.13E-05	
215	-0.000222	-1.29E-05	-0.002176
-0.000165	-0.000116	-3.09E-05	
216	-0.000222	-1.81E-05	-0.003558
-0.000287	-6.92E-05	-2.72E-05	
217	-0.000222	-2.14E-05	-0.004738
-0.000389	-2.86E-05	-2.50E-05	
218	-0.000222	-2.32E-05	-0.005508
-0.000460	-2.64E-06	-2.32E-05	
219	-0.000222	-2.28E-06	-0.005730
-0.000494	-4.08E-05	-2.19E-05	
220	-0.000222	-2.39E-05	-0.005344
-0.000486	-0.000123	-2.10E-05	
221	-0.000222	-2.34E-05	-0.004371
-0.000430	-0.000217	-2.04E-05	
222	-0.000222	-2.26E-05	-0.002900
-0.000319	-0.000310	-2.67E-05	
223	-0.000222	-2.16E-05	-0.001051
-0.000127	-0.000384	-2.76E-05	
224	-0.000222	-2.11E-05	-1.12E-05
-3.35E-06	-0.000410	-3.41E-05	
225	-0.000158	-8.78E-06	-2.87E-05
-2.28E-06	-8.64E-05	-1.90E-05	
226	-0.000159	-7.03E-06	-0.000655
-7.83E-05	-8.39E-05	-1.55E-05	
227	-0.000159	-3.25E-06	-0.001699
-0.000202	-7.56E-05	-1.83E-05	
228	-0.000159	-3.35E-06	-0.002546
-0.000283	-6.29E-05	-1.82E-05	
229	-0.000159	-2.01E-05	-0.003120
-0.000328	-4.60E-05	-1.81E-05	
230	-0.000159	-3.43E-05	-0.003363
-0.000336	-3.33E-05	-1.80E-05	
231	-0.000159	-4.17E-05	-0.003262
-0.000312	-9.11E-05	-1.78E-05	
232	-0.000158	-4.23E-05	-0.002844
-0.000259	-0.000140	-1.77E-05	
233	-0.000158	-3.70E-05	-0.002180
-0.000186	-0.000170	-1.75E-05	
234	-0.000158	-2.80E-05	-0.001381
-0.000103	-0.000177	-1.76E-05	
235	-0.000158	-1.86E-05	-0.000558
-2.71E-05	-0.000165	-1.58E-05	
236	-0.000158	-1.40E-05	-1.94E-05
-2.23E-06	-0.000147	-1.43E-05	
237	-0.000158	-1.14E-05	-0.000470
-4.52E-05	-0.000126	-1.51E-05	
238	-0.000158	-1.03E-05	-0.001155
-0.000116	-8.93E-05	-1.60E-05	
239	-0.000157	-1.09E-05	-0.001788
-0.000185	-5.53E-05	-1.61E-05	
240	-0.000157	-2.28E-05	-0.002278
-0.000239	-4.74E-05	-1.64E-05	
241	-0.000157	-3.14E-05	-0.002538
-0.000267	-3.21E-05	-1.69E-05	
242	-0.000157	-3.49E-05	-0.002527
-0.000264	-0.000157	-1.80E-05	
243	-0.000157	-3.27E-05	-0.002247
-0.000231	-9.47E-05	-1.87E-05	
244	-0.000157	-2.57E-05	-0.001746
-0.000173	-0.000125	-1.99E-05	
245	-0.000157	-1.63E-05	-0.001117
-0.000102	-0.000138	-2.13E-05	
246	-0.000156	-6.28E-06	-0.000452
-3.20E-05	-0.000134	-2.10E-05	
247	-0.000156	-2.90E-06	-9.97E-06
-3.41E-06	-0.000122	-2.00E-05	
248	-0.000156	-2.82E-06	-0.000444
-3.80E-05	-0.000106	-2.23E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
14

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000152	-7.07E-06	-0.001096
-0.000108	-7.80E-05	-2.49E-05	
250	-0.000155	-1.84E-05	-0.001710
-0.000178	-5.68E-05	-2.51E-05	
251	-0.000154	-2.83E-05	-0.002194
-0.000234	-5.00E-05	-2.46E-05	
252	-0.000154	-3.42E-05	-0.002458
-0.000264	-3.50E-05	-2.34E-05	
253	-0.000153	-3.48E-05	-0.002459
-0.000264	-3.66E-05	-2.13E-05	
254	-0.000153	-2.99E-05	-0.002196
-0.000234	-8.02E-05	-1.85E-05	
255	-0.000153	-2.06E-05	-0.001713
-0.000177	-0.000114	-1.51E-05	
256	-0.000152	-9.56E-06	-0.001099
-0.000107	-0.000130	-1.16E-05	
257	-0.000152	-1.85E-06	-0.000446
-3.75E-05	-0.000130	-7.91E-06	
258	-0.000152	-1.59E-06	-9.52E-06
-3.41E-06	-0.000122	-6.49E-06	
259	-0.000151	-6.35E-06	-0.000453
-3.13E-05	-0.000108	-6.45E-06	
260	-0.000151	-1.69E-05	-0.001120
-0.000100	-8.11E-05	-7.42E-06	
261	-0.000152	-2.82E-05	-0.001749
-0.000172	-6.85E-05	-9.76E-06	
262	-0.000152	-3.74E-05	-0.002250
-0.000230	-6.12E-05	-1.26E-05	
263	-0.000152	-4.21E-05	-0.002529
-0.000263	-4.48E-05	-1.89E-05	
264	-0.000152	-4.12E-05	-0.002540
-0.000266	-2.54E-05	-2.42E-05	
265	-0.000153	-3.48E-05	-0.002280
-0.000239	-6.96E-05	-2.67E-05	
266	-0.000153	-2.44E-05	-0.001790
-0.000185	-0.000107	-3.16E-05	
267	-0.000153	-1.26E-05	-0.001157
-0.000116	-0.000129	-3.25E-05	
268	-0.000153	-3.30E-06	-0.000473
-4.56E-05	-0.000136	-2.93E-05	
269	-0.000154	-2.24E-06	-1.38E-05
-2.45E-06	-0.000131	-2.61E-05	
270	-0.000154	-4.36E-06	-0.000553
-2.65E-05	-0.000120	-2.70E-05	
271	-0.000154	-1.30E-05	-0.001378
-0.000103	-9.64E-05	-2.61E-05	
272	-0.000154	-2.17E-05	-0.002178
-0.000186	-6.61E-05	-2.29E-05	
273	-0.000154	-2.80E-05	-0.002842
-0.000259	-3.43E-05	-2.02E-05	
274	-0.000154	-2.93E-05	-0.003262
-0.000312	-5.22E-06	-1.80E-05	
275	-0.000154	-2.46E-05	-0.003363
-0.000336	-1.01E-05	-1.62E-05	
276	-0.000154	-1.33E-05	-0.003119
-0.000328	-5.72E-05	-1.50E-05	
277	-0.000154	-7.30E-06	-0.002545
-0.000283	-0.000118	-1.70E-05	
278	-0.000154	-1.01E-05	-0.001699
-0.000202	-0.000173	-2.23E-05	
279	-0.000154	-1.31E-05	-0.000654
-7.81E-05	-0.000217	-2.04E-05	
280	-0.000154	-1.49E-05	-2.82E-05
-3.65E-06	-0.000235	-2.58E-05	
281	-0.000544	-3.43E-06	.000000
-0.000137	-0.000107	-3.78E-06	
282	-0.000232	-7.28E-06	.000000
-3.80E-05	-0.000262	-5.58E-06	
283	-0.000474	.000000	.000000
-3.01E-05	-0.000228	-4.99E-06	
284	-0.000225	.000000	.000000
-1.93E-05	-0.000225	-4.57E-06	
285	-0.000388	-2.02E-05	.000000
-1.78E-05	-0.000237	-5.00E-06	
286	-0.000227	-4.51E-06	.000000
-0.000122	-0.000494	-1.10E-06	
287	-0.000367	-1.02E-05	.000000
-5.18E-05	-9.13E-05	-9.09E-07	
288	-0.000153	-5.06E-06	.000000
-2.09E-05	-0.000182	-1.19E-06	
289	-0.000349	.000000	.000000
-9.15E-06	-0.000155	-8.27E-07	
290	.000000	.000000	.000000
-2.48E-06	-0.000153	-5.76E-07	
291	-0.000283	-1.47E-05	.000000
-6.56E-06	-0.000163	-6.67E-07	
292	-0.000154	-1.20E-05	.000000
-1.59E-05	-0.000309	-3.27E-06	
293	-0.000210	3.27E-06	.000000
-5.84E-05	-7.30E-05	6.48E-06	
294	-8.94E-05	-2.78E-05	.000000
-2.72E-05	-0.000120	-3.19E-06	
295	-0.000239	-6.00E-06	.000000
-3.08E-05	-9.44E-05	-3.08E-06	
296	-1.12E-07	-1.25E-05	.000000
-8.51E-06	-9.89E-05	-3.12E-06	
297	-0.000191	-7.46E-05	.000000
-1.57E-05	-0.000108	-3.26E-06	
298	-9.12E-05	-3.12E-05	.000000
-2.02E-05	-0.000174	-1.11E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
15

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000424	0.000193	2.58E-08
5.37E-05	0.000859	9.07E-06	
2	0.000424	0.000198	0.000531
6.56E-05	0.000782	8.18E-06	
3	0.000424	0.000217	0.001451
7.71E-05	0.000654	7.08E-06	
4	0.000424	0.000240	0.002274
7.90E-05	0.000478	5.27E-06	
5	0.000425	0.000252	0.002961
8.68E-05	0.000296	3.73E-06	
6	0.000425	0.000247	0.003467
9.50E-05	0.000126	1.87E-06	
7	0.000426	0.000222	0.003737
0.000101	1.33E-05	6.74E-07	
8	0.000426	0.000180	0.003714
0.000105	4.80E-05	1.41E-06	
9	0.000427	0.000128	0.003335
0.000108	0.000122	2.85E-06	
10	0.000428	7.26E-05	0.002540
8.97E-05	0.000212	4.94E-06	
11	0.000428	4.41E-05	0.001243
4.36E-05	0.000216	6.80E-06	
12	0.000429	6.80E-05	4.08E-08
3.35E-05	0.000395	6.91E-06	
13	0.000429	9.03E-05	0.001351
5.35E-05	0.000459	7.59E-06	
14	0.000429	0.000124	0.002711
9.26E-05	0.000487	7.83E-06	
15	0.000430	0.000156	0.003479
0.000105	0.000439	6.81E-06	
16	0.000431	0.000182	0.003768
0.000100	0.000329	5.37E-06	
17	0.000432	0.000193	0.003653
8.97E-05	0.000186	3.36E-06	
18	0.000433	0.000187	0.003232
9.31E-05	0.000111	2.33E-06	
19	0.000434	0.000164	0.003255
0.000103	0.000142	2.60E-06	
20	0.000435	0.000128	0.003003
0.000105	0.000154	2.61E-06	
21	0.000436	8.54E-05	0.002341
8.91E-05	0.000183	4.38E-06	
22	0.000437	4.51E-05	0.001168
4.48E-05	0.000293	6.21E-06	
23	0.000438	3.96E-05	4.88E-08
2.51E-05	0.000377	7.01E-06	
24	0.000439	6.29E-05	0.001175
4.85E-05	0.000448	8.34E-06	
25	0.000440	0.000101	0.002352
8.99E-05	0.000487	8.72E-06	
26	0.000441	0.000139	0.003012
0.000104	0.000448	7.77E-06	
27	0.000443	0.000170	0.003257
0.000100	0.000345	6.22E-06	
28	0.000445	0.000186	0.003154
9.00E-05	0.000204	4.88E-06	
29	0.000446	0.000186	0.003145
8.91E-05	9.35E-05	1.97E-06	
30	0.000448	0.000169	0.003247
9.91E-05	0.000121	1.58E-06	
31	0.000449	0.000138	0.003001
0.000103	0.000131	1.80E-06	
32	0.000451	0.000107	0.002342
8.92E-05	0.000179	3.56E-06	
33	0.000453	6.28E-05	0.001169
4.84E-05	0.000292	5.53E-06	
34	0.000455	4.08E-05	4.89E-08
2.57E-05	0.000379	6.54E-06	
35	0.000455	4.19E-05	0.001163
4.39E-05	0.000455	8.14E-06	
36	0.000455	7.80E-05	0.002331
8.77E-05	0.000500	8.66E-06	
37	0.000455	0.000116	0.002992
0.000104	0.000468	7.82E-06	
38	0.000455	0.000147	0.003244
0.000102	0.000368	6.35E-06	
39	0.000455	0.000166	0.003236
9.16E-05	0.000226	4.19E-06	
40	0.000453	0.000167	0.003657
9.05E-05	9.89E-05	1.96E-06	
41	0.000450	0.000153	0.003771
0.000101	0.000116	1.44E-06	
42	0.000448	0.000124	0.003482
0.000106	0.000129	2.03E-06	
43	0.000445	8.62E-05	0.002713
9.46E-05	0.000206	4.28E-06	
44	0.000442	5.17E-05	0.001351
5.65E-05	0.000336	6.92E-06	
45	0.000441	3.46E-05	3.94E-08
3.09E-05	0.000437	8.19E-06	
46	0.000439	5.88E-05	0.001243
4.22E-05	0.000526	9.73E-06	
47	0.000437	0.000104	0.002541
8.85E-05	0.000592	1.08E-05	
48	0.000436	0.000156	0.003336
0.000107	0.000574	1.09E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
16

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000435	0.000205	0.003716
0.000105	0.000481	9.86E-06	
50	0.000434	0.000242	0.003739
0.000100	0.000332	7.64E-06	
51	0.000434	0.000262	0.003469
9.51E-05	0.000163	4.83E-06	
52	0.000434	0.000262	0.002964
8.75E-05	0.000114	2.07E-06	
53	0.000434	0.000245	0.002277
8.00E-05	0.000146	7.73E-07	
54	0.000434	0.000218	0.001453
7.88E-05	0.000171	9.90E-07	
55	0.000435	0.000195	0.000532
6.80E-05	0.000187	1.51E-06	
56	0.000435	0.000189	2.63E-08
5.69E-05	0.000190	1.95E-06	
57	0.000344	0.000108	1.76E-08
2.60E-05	0.000572	3.35E-06	
58	0.000345	0.000103	0.000466
3.34E-05	0.000549	2.49E-06	
59	0.000345	9.90E-05	0.001272
5.14E-05	0.000454	9.64E-07	
60	0.000345	9.02E-05	0.001989
6.86E-05	0.000322	1.23E-06	
61	0.000345	7.76E-05	0.002580
8.34E-05	0.000182	1.36E-06	
62	0.000345	6.38E-05	0.003000
9.57E-05	5.80E-05	1.42E-06	
63	0.000345	4.91E-05	0.003200
0.000104	4.22E-06	1.46E-06	
64	0.000345	3.42E-05	0.003133
0.000107	5.36E-05	1.46E-06	
65	0.000345	3.13E-05	0.002755
9.91E-05	0.000118	1.43E-06	
66	0.000345	3.87E-05	0.002040
7.34E-05	0.000187	1.67E-06	
67	0.000345	4.66E-05	0.000963
2.23E-05	0.000256	2.03E-06	
68	0.000345	5.02E-05	2.67E-08
2.73E-05	0.000299	1.21E-06	
69	0.000345	5.00E-05	0.001063
7.17E-05	0.000331	1.62E-06	
70	0.000345	4.92E-05	0.002202
0.000109	0.000337	1.16E-06	
71	0.000345	4.91E-05	0.002900
0.000120	0.000294	7.03E-07	
72	0.000344	4.76E-05	0.003203
0.000113	0.000209	6.63E-07	
73	0.000344	4.45E-05	0.003152
9.69E-05	0.000103	8.70E-07	
74	0.000344	3.97E-05	0.002820
9.36E-05	9.30E-05	1.22E-06	
75	0.000344	3.29E-05	0.002721
0.000102	0.000123	1.46E-06	
76	0.000344	2.60E-05	0.002456
0.000101	0.000135	1.63E-06	
77	0.000344	2.46E-05	0.001860
8.20E-05	0.000159	2.48E-06	
78	0.000344	3.32E-05	0.000895
3.58E-05	0.000233	2.74E-06	
79	0.000344	3.76E-05	3.72E-08
3.83E-06	0.000283	1.38E-06	
80	0.000344	3.67E-05	0.000903
4.85E-05	0.000321	1.67E-06	
81	0.000344	3.38E-05	0.001872
9.05E-05	0.000338	1.46E-06	
82	0.000344	3.52E-05	0.002467
0.000106	0.000306	1.12E-06	
83	0.000344	3.65E-05	0.002726
0.000104	0.000228	7.74E-07	
84	0.000343	3.68E-05	0.002683
9.21E-05	0.000124	5.85E-07	
85	0.000343	3.66E-05	0.002682
9.06E-05	7.57E-05	5.66E-07	
86	0.000343	3.50E-05	0.002725
0.000102	0.000102	6.81E-07	
87	0.000343	3.28E-05	0.002466
0.000104	0.000113	9.75E-07	
88	0.000343	3.13E-05	0.001872
8.87E-05	0.000155	1.85E-06	
89	0.000343	3.51E-05	0.000903
4.73E-05	0.000233	2

119	0.000258	4.93E-05	0.002682
8.25E-05	8.55E-06	2.17E-06	
120	0.000258	5.82E-05	0.002575
8.12E-05	5.62E-05	3.65E-06	
121	0.000258	6.30E-05	0.002202
7.25E-05	0.000109	5.24E-06	
122	0.000257	6.14E-05	0.001569
5.32E-05	0.000158	6.03E-06	
123	0.000257	5.26E-05	0.000704
2.41E-05	0.000195	5.55E-06	
124	0.000257	4.09E-05	4.04E-08
2.00E-05	0.000210	4.49E-06	
125	0.000256	2.57E-05	0.000791
3.72E-05	0.000215	3.20E-06	
126	0.000256	2.03E-05	0.001716
6.78E-05	0.000205	1.76E-06	
127	0.000256	2.06E-05	0.002343
8.16E-05	0.000170	1.50E-06	
128	0.000255	2.11E-05	0.002657
8.22E-05	0.000111	1.68E-06	
129	0.000255	2.73E-05	0.002665
7.43E-05	4.03E-05	1.76E-06	
130	0.000254	3.55E-05	0.002419
7.23E-05	7.40E-05	1.99E-06	
131	0.000253	4.27E-05	0.002210
7.56E-05	0.000103	3.72E-06	
132	0.000253	4.70E-05	0.001936
7.10E-05	0.000117	5.14E-06	
133	0.000252	4.68E-05	0.001407
5.50E-05	0.000134	5.80E-06	
134	0.000251	3.94E-05	0.000642
2.67E-05	0.000176	5.35E-06	
135	0.000251	2.89E-05	3.51E-08
1.56E-05	0.000195	4.38E-06	
136	0.000250	2.54E-05	0.000650
3.16E-05	0.000205	3.16E-06	
137	0.000249	3.22E-05	0.001421
6.00E-05	0.000204	1.69E-06	
138	0.000249	3.28E-05	0.001948
7.43E-05	0.000177	1.18E-06	
139	0.000247	2.96E-05	0.002217
7.67E-05	0.000125	1.36E-06	
140	0.000246	2.49E-05	0.002230
7.13E-05	5.54E-05	1.55E-06	
141	0.000245	2.70E-05	0.002236
7.02E-05	5.88E-05	2.74E-06	
142	0.000244	3.30E-05	0.002224
7.55E-05	8.42E-05	4.53E-06	
143	0.000243	3.67E-05	0.001956
7.32E-05	9.61E-05	5.85E-06	
144	0.000242	3.62E-05	0.001428
5.93E-05	0.000133	6.34E-06	
145	0.000240	2.88E-05	0.000654
3.15E-05	0.000178	5.73E-06	
146	0.000239	2.50E-05	3.48E-08
1.59E-05	0.000200	4.67E-06	
147	0.000239	3.56E-05	0.000646
2.60E-05	0.000213	3.36E-06	
148	0.000239	4.33E-05	0.001414
5.38E-05	0.000217	1.67E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
18

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000239	4.42E-05	0.001944
6.96E-05	0.000194	9.11E-07	
150	0.000239	4.10E-05	0.002218
7.41E-05	0.000144	1.07E-06	
151	0.000239	3.51E-05	0.002419
7.10E-05	7.36E-05	1.41E-06	
152	0.000240	2.83E-05	0.002665
7.48E-05	5.44E-05	3.09E-06	
153	0.000242	3.15E-05	0.002657
8.30E-05	8.09E-05	4.85E-06	
154	0.000245	3.48E-05	0.002343
8.28E-05	9.45E-05	6.07E-06	
155	0.000247	3.43E-05	0.001717
6.96E-05	0.000155	6.42E-06	
156	0.000249	2.76E-05	0.000791
3.95E-05	0.000213	5.70E-06	
157	0.000250	2.46E-05	3.81E-08
1.86E-05	0.000243	4.59E-06	
158	0.000251	3.47E-05	0.000704
2.23E-05	0.000266	3.26E-06	
159	0.000252	4.22E-05	0.001569
5.18E-05	0.000280	1.62E-06	
160	0.000252	4.27E-05	0.002203
7.15E-05	0.000263	4.57E-07	
161	0.000252	3.87E-05	0.002575
8.07E-05	0.000211	2.24E-07	
162	0.000252	3.21E-05	0.002683
8.23E-05	0.000129	1.67E-06	
163	0.000252	2.52E-05	0.002548
7.84E-05	4.23E-05	3.84E-06	
164	0.000251	1.80E-05	0.002209
7.11E-05	7.97E-05	6.11E-06	
165	0.000251	1.27E-05	0.001710
6.11E-05	0.000108	8.08E-06	
166	0.000250	1.99E-05	0.001094
4.92E-05	0.000130	9.54E-06	
167	0.000249	5.72E-05	0.000400
3.72E-05	0.000142	1.03E-05	
168	0.000249	8.47E-05	4.35E-08
3.45E-05	0.000144	1.04E-05	
169	0.000385	0.000136	6.08E-05
4.41E-05	0.000803	6.99E-05	
170	0.000385	0.000144	0.000495
3.72E-05	0.000818	5.96E-05	
171	0.000385	0.000160	0.001361
6.62E-05	0.000759	6.21E-05	
172	0.000385	0.000171	0.002135
7.34E-05	0.000609	4.96E-05	
173	0.000385	0.000172	0.002777
8.42E-05	0.000450	4.44E-05	
174	0.000385	0.000161	0.003244
9.56E-05	0.000307	3.95E-05	
175	0.000385	0.000140	0.003484
0.000107	0.000217	3.62E-05	
176	0.000386	0.000109	0.003444
0.000116	0.000230	3.49E-05	
177	0.000386	7.35E-05	0.003069
0.000120	0.000280	3.54E-05	
178	0.000386	3.82E-05	0.002314
0.000116	0.000295	3.66E-05	
179	0.000386	3.97E-05	0.001117
8.30E-05	0.000372	3.35E-05	
180	0.000387	5.30E-05	3.97E-05
6.37E-05	0.000437	3.30E-05	
181	0.000387	6.71E-05	0.001247
0.000110	0.000561	4.17E-05	
182	0.000387	8.84E-05	0.002498
0.000136	0.000618	4.86E-05	
183	0.000387	0.000108	0.003226
0.000132	0.000579	4.46E-05	
184	0.000388	0.000122	0.003513
0.000117	0.000484	4.07E-05	
185	0.000388	0.000126	0.003422
9.80E-05	0.000364	3.75E-05	
186	0.000388	0.000120	0.003039
9.78E-05	0.000309	3.59E-05	
187	0.000389	0.000104	0.003010
0.000111	0.000309	3.65E-05	
188	0.000389	8.00E-05	0.002757
0.000120	0.000305	3.89E-05	
189	0.000390	5.38E-05	0.002129
0.000116	0.000326	4.36E-05	
190	0.000390	2.77E-05	0.001054
8.11E-05	0.000350	4.49E-05	
191	0.000390	3.04E-05	2.32E-05
3.78E-05	0.000420	4.78E-05	
192	0.000391	4.52E-05	0.001064
9.19E-05	0.000551	6.04E-05	
193	0.000392	6.90E-05	0.002143
0.000122	0.000620	7.12E-05	
194	0.000392	9.18E-05	0.002768
0.000123	0.000591	7.10E-05	
195	0.000393	0.000110	0.003014
0.000111	0.000503	6.61E-05	
196	0.000393	0.000119	0.002935
9.54E-05	0.000387	5.75E-05	
197	0.000394	0.000119	0.002930
9.40E-05	0.000299	4.76E-05	
198	0.000394	0.000108	0.003008
0.000110	0.000295	3.89E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
19

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000395	8.97E-05	0.002762
0.000121	0.000290	3.14E-05	
200	0.000395	6.70E-05	0.002137
0.000120	0.000321	2.60E-05	
201	0.000396	4.42E-05	0.001060
9.03E-05	0.000347	2.02E-05	
202	0.000396	3.03E-05	2.20E-05
3.76E-05	0.000420	2.23E-05	
203	0.000396	2.57E-05	0.001053
7.98E-05	0.000557	3.18E-05	
204	0.000397	4.84E-05	0.002125
0.000114	0.000634	4.13E-05	
205	0.000398	7.03E-05	0.002752
0.000118	0.000613	4.47E-05	
206	0.000399	8.93E-05	0.003005
0.000110	0.000529	4.60E-05	
207	0.000399	0.000101	0.003040
9.62E-05	0.000412	4.56E-05	
208	0.000398	0.000102	0.003422
9.85E-05	0.000296	4.59E-05	
209	0.000397	9.46E-05	0.003512
0.000117	0.000293	4.62E-05	
210	0.000396	7.81E-05	0.003223
0.000132	0.000288	4.63E-05	
211	0.000394	5.72E-05	0.002492
0.000136	0.000337	4.73E-05	
212	0.000392	3.45E-05	0.001237
0.000109	0.000378	4.34E-05	
213	0.000391	2.37E-05	2.62E-05
6.25E-05	0.000464	4.26E-05	
214	0.000390	3.66E-05	0.001125
8.34E-05	0.000616	5.26E-05	
215	0.000389	6.70E-05	0.002320
0.000116	0.000714	6.33E-05	
216	0.000388	0.000101	0.003074
0.000120	0.000710	6.17E-05	
217	0.000387	0.000134	0.003447
0.000116	0.000633	5.32E-05	
218	0.000387	0.000160	0.003486
0.000107	0.000506	4.55E-05	
219	0.000387	0.000177	0.003246
9.57E-05	0.000360	3.92E-05	
220	0.000387	0.000182	0.002778
8.45E-05	0.000295	3.52E-05	
221	0.000387	0.000176	0.002134
7.38E-05	0.000293	3.33E-05	
222	0.000387	0.000161	0.001358
6.66E-05	0.000294	3.21E-05	
223	0.000288	0.000141	0.000489
3.72E-05	0.000229	2.46E-05	
224	0.000388	0.000131	6.03E-05
4.39E-05	0.000182	2.94E-05	
225	0.000300	9.71E-05	6.11E-05
4.48E-05	0.000466	5.51E-05	
226	0.000300	7.83E-05	0.000438
2.71E-05	0.000436	4.34E-05	
227	0.000301	4.40E-05	0.001183
4.89E-05	0.000355	4.70E-05	
228	0.000301	2.13E-05	0.001846
6.56E-05	0.000250	3.66E-05	
229	0.000301	1.97E-05	0.002386
7.98E-05	0.000134	3.03E-05	
230	0.000301	2.59E-05	0.002760
9.13E-05	3.62E-05	2.91E-05	
231	0.000301	3.43E-05	0.002921
0.000100	1.31E-05	2.83E-05	
232	0.000301	4.24E-05	0.002827
0.000106	6.29E-05	2.73E-05	
233	0.000301	4.83E-05	0.002446
0.000106	0.000121	2.63E-05	
234	0.000300	5.07E-05	0.001772
9.43E-05	0.000179	2.54E-05	
235	0.000300	4.89E-05	0.000812
5.83E-05	0.000227	2.35E-05	
236	0.000300	4.34E-05	4.38E-05
4.53E-05	0.000254	2.26E-05	
237	0.000300	3.36E-05	0.000884
9.46E-05	0.000272	2.62E-05	
238	0.000299	1.76E-05	0.001912
0.000122	0.000267	2.93E-05	
239	0.000299	1.14E-05	0.002579
0.000122	0.000227	2.63E-05	
240	0.000299	1.34E-05	0.002897
0.000110	0.000154	2.41E-05	
241	0.000299	1.71E-05	0.002885
9.24E-05	6.80E-05	2.49E-05	
242	0.000298	2.20E-05	0.002604
8.91E-05	8.84E-05	2.71E-05	
243	0.000298	2.77E-05	0.002438
0.000100	0.000117	3.04E-05	
244	0.000298	3.27E-05	0.002161
0.000106	0.000130	3.46E-05	
245	0.000297	3.60E-05	0.001597
9.94E-05	0.000152	3.98E-05	
246	0.000297	3.57E-05	0.000741
6.74E-05	0.000205	4.21E-05	
247	0.000296	3.10E-05	3.81E-05
2.84E-05	0.000236	4.18E-05	
248	0.000296	2.27E-05	0.000747
7.69E-05	0.000260	4.81E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
20

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000296	2.29E-05	0.001609
0.000106	0.000266	5.44E-05	
250	0.000295	2.05E-05	0.002172
0.000110	0.000237	5.32E-05	
251	0.000295	1.81E-05	0.002443
0.000102	0.000172	4.85E-05	
252	0.000294	1.50E-05	0.002436
8.76E-05	8.70E-05	4.10E-05	
253	0.000294	1.67E-05	0.002439
8.62E-05	7.22E-05	3.29E-05	
254	0.000293	2.01E-05	0.002447
0.000100	9.75E-05	2.38E-05	
255	0.000293	2.36E-05	0.002177
0.000108	0.000109	1.66E-05	
256	0.000293	2.59E-05	0.001613
0.000104	0.000148	1.19E-05	
257	0.000292	2.49E-05	0.000750
7.59E-05	0.000204	1.01E-05	
258	0.000292	2.89E-05	3.72E-05
2.86E-05	0.000239	1.11E-05	
259	0.000292	3.38E-05	0.000743
6.62E-05	0.000267	1.46E-05	
260	0.000291	3.48E-05	0.001600
9.77E-05	0.000280	2.08E-05	
261	0.000291	3.25E-05	0.002165
0.000104	0.000257	2.59E-05	
262	0.000290	2.89E-05	0.002442
9.88E-05	0.000196	3.12E-05	
263	0.000291	2.45E-05	0.002605
8.76E-05	0.000110	3.55E-05	
264	0.000291	2.02E-05	0.002886
9.25E-05	6.72E-05	3.94E-05	
265	0.000292	1.83E-05	0.002898
0.000110	9.37E-05	4.17E-05	
266	0.000293	2.18E-05	0.002582
0.000122	0.000107	4.25E-05	
267	0.000294	2.46E-05	0.001917
0.000122	0.000168	4.24E-05	
268	0.000295	2.47E-05	0.000891
9.55E-05	0.000238	3.83E-05	
269	0.000295	2.58E-05	3.85E-05
4.75E-05	0.000283	3.48E-05	
270	0.000296	3.01E-05	0.000807
5.75E-05	0.000323	3.84E-05	
271	0.000296	3.06E-05	0.001770
9.42E-05	0.000351	4.09E-05	
272	0.000296	2.75E-05	0.002445
0.000106	0.000337	3.82E-05	
273	0.000296	2.45E-05	0.002827
0.000106	0.000278	3.41E-05	
274	0.000296	2.00E-05	0.002921
0.000100	0.000192	3.06E-05	
275	0.000295	1.52E-05	0.002760
9.14E-05	7.26E-05	2.94E-05	
276	0.000295	1.58E-05	0.002387
7.97E-05	9.16E-05	2.81E-05	
277	0.000295	2.23E-05	0.001847
6.54E-05	0.000121	2.75E-05	
278	0.000294	4.39E-05	0.001186
4.86E-05	0.000143	2.66E-05	
279	0.000294	7.42E-05	0.000442
2.73E-05	0.000155	2.21E-05	
280	0.000294	9.13E-05	6.48E-05
4.49E-05	0.000157	2.70E-05	
281	0.000441	1.21E-05	.000000
6.35E-05	0.000811	4.34E-05	.000000
282	0.000496	1.56E-05	.000000
2.47E-05	0.000394	6.91E-06	
283	0.000568	.000000	.000000
2.51E-05	0.000377	7.01E-06	
284	.000000	.000000	.000000
1.36E-05	0.000370	6.54E-06	
285	0.000835	4.07E-05	.000000
2.38E-06	0.000437	8.19E-06	
286	0.000790	1.57E-05	.000000
5.18E-05	0.000192	1.95E-06	
287	0.000360	3.50E-05	.000000
4.72E-05	0.000574	3.35E-06	
288	0.000363	7.39E-06	.000000
2.68E-05	0.000299	1.21E-06	
289	0.000447	.000000	.000000
3.82E-06	0.000283	1.38E-06	
290	.000000	.000000	.000000
6.89E-22	0.000285	1.17E-06	
291	0.000661	3.44E-05	.000000
2.74E-21	0.000368	2.26E-06	
292	0.000541	4.21E-05	.000000
-4.77E-22	0.000169	5.38E-06	
293	0.000277	4.38E-05	.000000
5.75E-05	0.000346	2.00E-06	
294	0.000257	3.00E-05	.000000
3.29E-05	0.000209	4.49E-06	
295	0.000191	1.94E-05	.000000
4.23E-05	0.000191	4.38E-06	
296	6.54E-07	3.56E-05	.000000
9.55E-06	0.000200	4.67E-06	
297	0.000465	0.000140	.000000
2.72E-21	0.000235	4.59E-06	
298	0.000282	0.000107	.000000
3.96E-06	0.000147	1.40E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
21

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000418	-5.75E-05	-3.81E-07
-0.000186	-0.000190	-1.92E-06	
2	-0.000418	-3.63E-05	-0.002268
-0.000250	-0.000187	-1.45E-06	
3	-0.000418	-2.45E-05	-0.006034
-0.000373	-0.000171	-5.35E-07	
4	-0.000418	-2.37E-05	-0.009018
-0.000458	-0.000146	-5.72E-07	
5	-0.000419	-2.39E-05	-0.010985
-0.000497	-0.000114	-2.46E-06	
6	-0.000419	-2.37E-05	-0.011754
-0.000490	-0.000163	-5.36E-06	
7	-0.000420	-2.20E-05	-0.011289
-0.000448	-0.000332	-8.24E-06	
8	-0.000420	-1.75E-05	-0.009699
-0.000377	-0.000481	-1.05E-05	
9	-0.000421	-9.74E-06	-0.007279
-0.000276	-0.000575	-1.17E-05	
10	-0.000421	-1.48E-05	-0.004456
-0.000165	-0.000593	-1.18E-05	
11	-0.000422	-2.97E-05	-0.001681
-6.35E-05	-0.000527	-1.05E-05	
12	-0.000422	-3.76E-05	-4.55E-07
-4.73E-05	-0.000437	-9.38E-06	
13	-0.000422	-4.80E-05	-0.001516
-0.000110	-0.000337	-5.86E-06	
14	-0.000422	-6.38E-05	-0.003954
-0.000214	-0.000206	-3.18E-06	
15	-0.000423	-7.17E-05	-0.006335
-0.000308	-0.000129	-1.22E-06	
16	-0.000423	-7.41E-05	-0.008236
-0.000376	-0.000117	-8.86E-07	
17	-0.000424	-6.51E-05	-0.009262
-0.000404	-9.88E-05	-2.53E-06	
18	-0.000425	-5.50E-05	-0.009235
-0.000392	-0.000226	-4.96E-06	
19	-0.000426	-4.27E-05	-0.008161
-0.000349	-0.000368	-7.27E-06	
20	-0.000427	-3.00E-05	-0.006236
-0.000271	-0.000468	-8.77E-06	
21	-0.000428	-2.29E-05	-0.003862
-0.000172	-0.000501	-9.39E-06	
22	-0.000430	-2.52E-05	-0.001466
-7.25E-05	-0.000456	-8.80E-06	
23	-0.000433	-3.01E-05	-4.50E-07
-3.30E-05	-0.000381	-7.19E-06	
24	-0.000432	-2.90E-05	-0.001455
-9.12E-05	-0.000293	-5.97E-06	
25	-0.000434	-3.36E-05	-0.003829
-0.000193	-0.000180	-3.71E-06	
26	-0.000436	-4.40E-05	-0.006172
-0.000289	-0.000131	-1.84E-06	
27	-0.000437	-4.71E-05	-0.008060
-0.000362	-0.000120	-1.45E-06	
28	-0.000439	-4.47E-05	-0.009096
-0.000397	-9.31E-05	-1.95E-06	
29	-0.000441	-4.07E-05	-0.009094
-0.000397	-0.000195	-4.05E-06	
30	-0.000442	-4.31E-05	-0.008054
-0.000362	-0.000346	-6.28E-06	
31	-0.000444	-4.05E-05	-0.006164
-0.000289	-0.000448	-7.76E-06	
32	-0.000446	-3.10E-05	-0.003820
-0.000192	-0.000487	-8.62E-06	
33	-0.000447	-2.26E-05	-0.001449
-9.14E-05	-0.000447	-8.11E-06	
34	-0.000450	-3.08E-05	-4.50E-07
-3.40E-05	-0.000375	-6.51E-06	
35	-0.000450	-2.41E-05	-0.001460
-7.14E-05	-0.000291	-5.53E-06	
36	-0.000450	-1.89E-05	-0.003853
-0.000171	-0.000182	-2.84E-06	
37	-0.000449	-2.21E-05	-0.006227
-0.000269	-0.000154	-1.90E-06	
38	-0.000448	-3.09E-05	-0.008153
-0.000348	-0.000142	-1.88E-06	
39	-0.000447	-3.96E-05	-0.009229
-0.000391	-0.000111	-1.46E-06	
40	-0.000446	-4.62E-05	-0.009259
-0.000403	-0.000186	-4.06E-06	
41	-0.000444	-4.89E-05	-0.008235
-0.000377	-0.000329	-6.22E-06	
42	-0.000443	-4.51E-05	-0.006335
-0.000310	-0.000439	-7.81E-06	
43	-0.000443	-3.55E-05	-0.003955
-0.000217	-0.000487	-8.79E-06	
44	-0.000441	-2.49E-05	-0.001517
-0.000114	-0.000459	-8.45E-06	
45	-0.000440	-2.93E-05	-4.54E-07
-5.21E-05	-0.000395	-7.21E-06	
46	-0.000440	-3.10E-05	-0.001681
-5.97E-05	-0.000316	-6.38E-06	
47	-0.000439	-3.64E-05	-0.004456
-0.000161	-0.000211	-4.34E-06	
48	-0.000438	-4.93E-05	-0.007278
-0.000274	-0.000122	-2.38E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
22

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000437	-5.66E-05	-0.009697
-0.000375	-4.63E-05	-1.02E-06	
50	-0.000437	-5.93E-05	-0.011287
-0.000447	-1.34E-05	-7.10E-07	
51	-0.000436	-5.91E-05	-0.011752
-0.000489	-0.000126	-2.34E-06	
52	-0.000436	-5.71E-05	-0.010983
-0.000496	-0.000296	-4.47E-06	
53	-0.000436	-5.40E-05	-0.009016
-0.000458	-0.000478	-6.16E-06	
54	-0.000436	-4.99E-05	-0.006032
-0.000373	-0.000654	-7.74E-06	
55	-0.000436	-5.00E-05	-0.002268
-0.000250	-0.000782	-8.80E-06	
56	-0.000437	-6.59E-05	-3.81E-07
-0.000185	-0.000809	-9.14E-06	
57	-0.000340	-1.51E-05	-1.64E-07
-0.000122	-0.000168	-1.57E-06	
58	-0.000341	-1.48E-05	-0.001588
-0.000208	-0.000165	-4.72E-06	
59	-0.000341	-1.24E-05	-0.004246
-0.000388	-0.000150	-2.53E-06	
60	-0.000341	-8.15E-06	-0.006379
-0.000522	-0.000127	-2.71E-06	
61	-0.000341	-3.98E-06	-0.007806
-0.000594	-9.56E-05	-3.07E-06	
62	-0.000341	-3.73E-06	-0.008390
-0.000606	-0.000104	-3.19E-06	
63	-0.000341	-4.63E-06	-0.008090
-0.000563	-0.000235	-3.17E-06	
64	-0.000340	-5.58E-06	-0.006987
-0.000472	-0.000349	-3.33E-06	
65	-0.000341	-6.55E-06	-0.005282
-0.000347	-0.000419	-3.32E-06	
66	-0.000341	-7.81E-06	-0.003271
-0.000206	-0.000433	-3.05E-06	
67	-0.000340	-1.61E-05	-0.001258
-7.29E-05	-0.000391	-2.69E-06	
68	-0.000340	-2.38E-05	-2.14E-07
-4.64E-05	-0.000335	-2.20E-06	
69	-0.000340	-3.02E-05	-0.001114
-0.000121	-0.000271	-2.76E-06	
70	-0.000340	-3.69E-05	-0.002842
-0.000249	-0.000177	-1.99E-06	
71	-0.000340	-4.00E-05	-0.004496
-0.000370	-0.000111	-9.39E-07	
72	-0.000340	-3.98E-05	-0.005804
-0.000462	-9.80E-05	-1.01E-06	
73	-0.000340	-3.68E-05	-0.006508
-0.000507	-7.02E-05	-1.26E-06	
74	-0.000340	-3.16E-05	-0.006482
-0.000499	-0.000149	-1.44E-06	
75	-0.000340	-2.50E-05	-0.005736
-0.000441	-0.000254	-1.73E-06	
76	-0.000340	-1.75E-05	-0.004406
-0.000340	-0.000328	-2.02E-06	
77	-0.000340	-9.79E-06	-0.002758
-0.000215	-0.000354	-2.11E-06	
78	-0.000340	-3.14E-06	-0.001068
-8.85E-05	-0.000329	-2.11E-06	
79	-0.000340	-4.59E-06	-2.04E-07
-3.14E-05	-0.000286	-1.67E-06	
80	-0.000340	-8.71E-06	-0.001057
-0.000103	-0.000233	-2.25E-06	
81	-0.000340	-1.29E-05	-0.002725
-0.000230	-0.000155	-1.76E-06	
82	-0.000340	-1.60E-05	-0.004343
-0.000354	-0.000113	-9.91E-07	
83	-0.000340	-1.76E-05	-0.005640
-0.000450	-0.000102	-5.82E-07	
84	-0.000340	-1.78E-05	-0.006354
-0.000501	-7.57E-05	-4.67E-07	
85	-0.000340	-1.67E-05	-0.006354
-0.000501	-0.000124	-6.31E-07	
86	-0.000339	-1.55E-05	-0.005640
-0.000449	-0.000228	-9.40E-07	
87	-0.000339	-1.36E-05	-0.004343
-0.000352	-0.000306	-1.22E-06	
88	-0.000339	-1.04E-05	-0.002724
-0.000228	-0.000338	-1.44E-06	
89	-0.000339	-6.75E-06	-0.001057
-0.000101	-0.000321	-1.48E-06	
90	-0.000339	-4.25E-06	-2.05E-07
-3.07E-05	-0.000283	-1.15E-06	
91	-0.000339	-2.27E-06	-0.001068
-8.82E-05	-0.000233	-2.35E-06	

120	-0.000256	-0.000121	-0.004478
-0.000322	-0.000211	-4.29E-07	
121	-0.000255	-0.000102	-0.003439
-0.000240	-0.000263	-4.41E-07	
122	-0.000255	-7.40E-05	-0.002179
-0.000147	-0.000280	-1.68E-06	
123	-0.000255	-4.57E-05	-0.000869
-5.75E-05	-0.000266	-3.42E-06	
124	-0.000254	-3.02E-05	-1.83E-08
-3.44E-05	-0.000243	-4.75E-06	
125	-0.000254	-2.08E-05	-0.000746
-7.86E-05	-0.000213	-5.85E-06	
126	-0.000254	-2.49E-05	-0.001828
-0.000158	-0.000155	-6.68E-06	
127	-0.000254	-5.27E-05	-0.002817
-0.000234	-9.41E-05	-6.52E-06	
128	-0.000254	-7.99E-05	-0.003581
-0.000291	-8.05E-05	-5.46E-06	
129	-0.000253	-9.84E-05	-0.003985
-0.000319	-5.40E-05	-3.71E-06	
130	-0.000253	-0.000104	-0.003965
-0.000315	-7.38E-05	-1.72E-06	
131	-0.000253	-9.70E-05	-0.003527
-0.000278	-0.000145	-6.02E-07	
132	-0.000252	-7.77E-05	-0.002744
-0.000216	-0.000194	-5.93E-07	
133	-0.000252	-5.10E-05	-0.001757
-0.000138	-0.000216	-1.55E-06	
134	-0.000251	-2.36E-05	-0.000707
-5.90E-05	-0.000212	-3.23E-06	
135	-0.000250	-8.69E-06	-1.34E-08
-2.56E-05	-0.000199	-4.58E-06	
136	-0.000249	-5.97E-06	-0.000695
-6.89E-05	-0.000177	-5.69E-06	
137	-0.000248	-3.39E-05	-0.001722
-0.000148	-0.000132	-6.43E-06	
138	-0.000247	-6.44E-05	-0.002680
-0.000225	-9.64E-05	-6.07E-06	
139	-0.000246	-8.91E-05	-0.003434
-0.000284	-8.45E-05	-4.85E-06	
140	-0.000244	-0.000103	-0.003846
-0.000316	-5.91E-05	-3.08E-06	
141	-0.000243	-0.000104	-0.003847
-0.000316	-5.49E-05	-1.41E-06	
142	-0.000242	-9.20E-05	-0.003438
-0.000283	-0.000125	-1.11E-06	
143	-0.000240	-6.89E-05	-0.002686
-0.000224	-0.000177	-9.84E-07	
144	-0.000238	-3.92E-05	-0.001728
-0.000148	-0.000204	-1.70E-06	
145	-0.000237	-9.70E-06	-0.000699
-6.90E-05	-0.000206	-3.35E-06	
146	-0.000236	-5.87E-06	-1.34E-08
-2.61E-05	-0.000196	-4.66E-06	
147	-0.000236	-2.14E-05	-0.000711
-5.83E-05	-0.000177	-5.71E-06	
148	-0.000236	-5.09E-05	-0.001764
-0.000137	-0.000135	-6.31E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
24

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000215	-8.06E-05	-0.002752
-0.000215	-0.000116	-5.82E-06	
150	-0.000238	-0.000104	-0.003534
-0.000278	-0.000103	-4.50E-06	
151	-0.000239	-0.000115	-0.003971
-0.000314	-7.40E-05	-2.72E-06	
152	-0.000240	-0.000114	-0.003989
-0.000319	-4.07E-05	-1.55E-06	
153	-0.000241	-0.000100	-0.003585
-0.000291	-0.000112	-1.37E-06	
154	-0.000242	-7.45E-05	-0.002819
-0.000235	-0.000170	-1.19E-06	
155	-0.000243	-4.38E-05	-0.001829
-0.000159	-0.000205	-1.67E-06	
156	-0.000243	-1.47E-05	-0.000747
-8.04E-05	-0.000215	-3.18E-06	
157	-0.000244	-5.96E-06	-1.52E-08
-3.62E-05	-0.000210	-4.42E-06	
158	-0.000244	-2.04E-05	-0.000869
-5.47E-05	-0.000195	-5.43E-06	
159	-0.000244	-4.84E-05	-0.002179
-0.000145	-0.000158	-5.98E-06	
160	-0.000245	-7.63E-05	-0.003440
-0.000239	-0.000109	-5.44E-06	
161	-0.000245	-9.74E-05	-0.004478
-0.000321	-5.62E-05	-4.08E-06	
162	-0.000245	-0.000107	-0.005129
-0.000381	-2.19E-06	-2.50E-06	
163	-0.000245	-0.000102	-0.005275
-0.000409	-2.21E-05	-1.80E-06	
164	-0.000245	-8.25E-05	-0.004873
-0.000403	-0.000101	-1.83E-06	
165	-0.000245	-4.99E-05	-0.003955
-0.000359	-0.000196	-1.79E-06	
166	-0.000245	-1.44E-05	-0.002609
-0.000279	-0.000279	-1.71E-06	
167	-0.000245	-1.90E-05	-0.000966
-0.000172	-0.000331	-1.65E-06	
168	-0.000245	-2.28E-05	-5.94E-09
-0.000122	-0.000342	-1.63E-06	
169	-0.000380	-2.25E-05	-0.000103
-4.83E-05	-0.000198	-3.08E-05	
170	-0.000380	-2.10E-05	-0.001910
-0.000205	-0.000228	-2.50E-05	
171	-0.000380	-1.82E-05	-0.005173
-0.000450	-0.000294	-3.06E-05	
172	-0.000380	-1.56E-05	-0.007791
-0.000591	-0.000292	-3.15E-05	
173	-0.000380	-1.30E-05	-0.009551
-0.000658	-0.000294	-3.26E-05	
174	-0.000380	-9.94E-06	-0.010249
-0.000664	-0.000360	-3.50E-05	
175	-0.000380	-6.40E-06	-0.009854
-0.000615	-0.000506	-3.96E-05	
176	-0.000380	-5.70E-06	-0.008457
-0.000517	-0.000633	-5.22E-05	
177	-0.000380	-6.31E-06	-0.006339
-0.000379	-0.000710	-5.99E-05	
178	-0.000381	-7.09E-06	-0.003883
-0.000223	-0.000714	-6.08E-05	
179	-0.000381	-1.23E-05	-0.001456
-6.89E-05	-0.000417	-4.99E-05	
180	-0.000381	-2.36E-05	-6.73E-05
-2.03E-05	-0.000464	-3.62E-05	
181	-0.000381	-3.87E-05	-0.001330
-0.000114	-0.000377	-3.15E-05	
182	-0.000381	-5.21E-05	-0.003440
-0.000268	-0.000337	-3.08E-05	
183	-0.000381	-5.77E-05	-0.005498
-0.000406	-0.000288	-3.07E-05	
184	-0.000381	-5.67E-05	-0.007156
-0.000505	-0.000294	-3.19E-05	
185	-0.000382	-5.15E-05	-0.008055
-0.000549	-0.000297	-3.50E-05	
186	-0.000382	-4.36E-05	-0.008028
-0.000540	-0.000412	-3.99E-05	
187	-0.000382	-3.39E-05	-0.007081
-0.000479	-0.000529	-4.55E-05	
188	-0.000383	-2.35E-05	-0.005396
-0.000365	-0.000613	-5.11E-05	
189	-0.000383	-1.36E-05	-0.003344
-0.000221	-0.000634	-5.39E-05	
190	-0.000384	-4.86E-06	-0.001271
-7.18E-05	-0.000558	-4.76E-05	
191	-0.000385	-7.92E-06	-5.97E-05
-1.26E-05	-0.000421	-3.99E-05	
192	-0.000386	-1.27E-05	-0.001262
-8.66E-05	-0.000348	-4.11E-05	
193	-0.000386	-2.35E-05	-0.003312
-0.000237	-0.000321	-4.55E-05	
194	-0.000387	-3.04E-05	-0.005335
-0.000376	-0.000290	-4.51E-05	
195	-0.000388	-3.25E-05	-0.006983
-0.000482	-0.000295	-4.53E-05	
196	-0.000389	-3.12E-05	-0.007894
-0.000534	-0.000298	-4.52E-05	
197	-0.000389	-2.77E-05	-0.007892
-0.000533	-0.000387	-4.50E-05	
198	-0.000389	-2.81E-05	-0.006980
-0.000481	-0.000504	-4.54E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
25

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000390	-2.61E-05	-0.005330
-0.000375	-0.000591	-4.43E-05	
200	-0.000391	-2.01E-05	-0.003306
-0.000435	-0.000820	-4.10E-05	
201	-0.000392	-1.23E-05	-0.001258
-8.51E-05	-0.000551	-3.17E-05	
202	-0.000392	-7.96E-06	-5.96E-05
-1.26E-05	-0.000419	-2.22E-05	
203	-0.000393	-3.54E-06	-0.001269
-7.07E-05	-0.000350	-2.02E-05	
204	-0.000393	-8.39E-06	-0.003339
-0.000219	-0.000325	-2.61E-05	
205	-0.000393	-1.54E-05	-0.005391
-0.000363	-0.000305	-3.17E-05	
206	-0.000393	-2.22E-05	-0.007076
-0.000477	-0.000309	-3.95E-05	
207	-0.000393	-2.82E-05	-0.008024
-0.000539	-0.000309	-4.82E-05	
208	-0.000392	-3.25E-05	-0.008052
-0.000548	-0.000364	-5.85E-05	
209	-0.000392	-3.41E-05	-0.007153
-0.000505	-0.000484	-6.74E-05	
210	-0.000391	-3.15E-05	-0.005495
-0.000406	-0.000579	-6.30E-05	
211	-0.000391	-2.32E-05	-0.003435
-0.000268	-0.000619	-7.37E-05	
212	-0.000390	-9.16E-06	-0.001323
-0.000114	-0.000562	-6.32E-05	
213	-0.000390	-8.34E-06	-5.83E-05
-2.07E-05	-0.000437	-5.07E-05	
214	-0.000389	-1.52E-05	-0.001467
-6.88E-05	-0.000371	-4.81E-05	
215	-0.000389	-2.54E-05	-0.003890
-0.000223	-0.000348	-4.70E-05	
216	-0.000388	-3.36E-05	-0.006344
-0.000379	-0.000280	-4.17E-05	
217	-0.000388	-3.88E-05	-0.008460
-0.000417	-0.000230	-3.52E-05	
218	-0.000388	-4.17E-05	-0.009855
-0.000614	-0.000217	-3.72E-05	
219	-0.000388	-4.29E-05	-0.010250
-0.000663	-0.000307	-3.90E-05	
220	-0.000388	-4.28E-05	-0.009551
-0.000658	-0.000450	-4.28E-05	
221	-0.000388	-4.19E-05	-0.007791
-0.000591	-0.000610	-4.70E-05	
222	-0.000388	-4.02E-05	-0.005173
-0.000450	-0.000758	-6.14E-05	
223	-0.000389	-3.80E-05	-0.001912
-0.000205	-0.000817	-5.92E-05	
224	-0.000389	-3.57E-05	-0.000107
-4.68E-05	-0.000802	-6.88E-05	
225	-0.000297	-1.55E-05	-5.13E-05
-5.54E-06	-0.000158	-3.05E-05	
226	-0.000298	-1.30E-05	-0.001286
-0.000141	-0.000155	-2.49E-05	
227	-0.000298	-7.32E-06	-0.003358
-0.000154	-0.000143	-3.57E-05	
228	-0.000298	-5.52E-06	-0.005030
-0.000481	-0.000121	-2.93E-05	
229	-0.000298	-2.36E-05	-0.006155
-0.000548	-9.16E-05	-2.92E-05	
230	-0.000298	-4.47E-05	-0.006626
-0.000558	-7.26E-05	-2.90E-05	
231	-0.000299	-5.77E-05	-0.006418
-0.000518	-0.000182	-2.88E-05	
232	-0.000298	-6.14E-05	-0.005583
-0.000434	-0.000278	-3.10E-05	
233	-0.000297	-5.57E-05	-0.004263
-0.000314	-0.000337	-3.35E-05	
234	-0.000297	-4.31E-05	-0.002682
-0.000177	-0.000351	-3.57E-05	
235	-0.000297	-3.04E-05	-0.001069
-4.46E-05	-0.000323	-3.11E-05	
236	-0.000296	-2.49E-05	-3.38E-05
-3.98E-06	-0.000283	-2.64E-05	
237	-0.000296	-2.30E-05	-0.000912
-7.89E-05	-0.000239	-2.62E-05	
238	-0.000296	-2.33E-05	-0.002271
-0.000206	-0.000169	-2.59E-05	
239	-0.000296	-2.44E-05	-0.003542
-0.000324	-0.000107	-2.58E-05	
240	-0.000296	-3.67E-05	-0.004529
-0.000413	-9.35E-05	-2.64E-05	
241	-0.000296	-4.80E-05	-0.005052
-0.000455	-6.70E-05	-2.74E-05	
242	-0.000296	-4.88E-05	-0.005032
-0.000450	-0.000110	-2.88E-05	
243	-0.000295	-4.66E-05	-0.004471
-0.000397	-0.000196	-3.10E-05	
244	-0.000295	-3.74E-05	-0.003464
-0.000301	-0.000257	-3.62E-05	
245	-0.000295	-2.34E-05	-0.002199
-0.000179	-0.000280	-3.74E-05	
246	-0.000294	-1.03E-05	-0.000877
-5.46E-05	-0.000266	-3.56E-05	
247	-0.000294	-5.76E-06	-1.92E-05
-5.44E-06	-0.000238	-3.33E-05	
248	-0.000294	-6.22E-06	-0.000864
-6.57E-05	-0.000203	-3.71E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
26

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000293	-1.13E-05	-0.002163
-0.000191	-0.000147	-4.14E-05	
250	-0.000293	-2.57E-05	-0.003400
-0.000311	-0.000109	-4.18E-05	
251	-0.000292	-3.91E-05	-0.004376
-0.000404	-9.76E-05	-4.11E-05	
252	-0.000291	-4.67E-05	-0.004907
-0.000451	-7.24E-05	-3.90E-05	
253	-0.000291	-4.74E-05	-0.004908
-0.000451	-8.68E-05	-3.57E-05	
254	-0.000290	-4.11E-05	-0.004378
-0.000402	-0.000172	-3.10E-05	
255	-0.000290	-2.87E-05	-0.003403
-0.000310	-0.000237	-2.58E-05	
256	-0.000289	-1.36E-05	-0.002167
-0.000190	-0.000267	-2.07E-05	
257	-0.000288	-4.51E-06	-0.000867
-6.47E-05	-0.000261	-1.45E-05	
258	-0.000288	-3.97E-06	-1.87E-05
-5.45E-06	-0.000237	-1.10E-05	
259	-0.000288	-9.83E-06	-0.000879
-5.34E-05	-0.000206	-1.04E-05	
260	-0.000288	-2.50E-05	-0.002203
-0.000178	-0.000152	-1.23E-05	
261	-0.000288	-4.19E-05	-0.003468
-0.000299	-0.000130	-1.66E-05	
262	-0.000289	-5.44E-05	-0.004475
-0.000395	-0.000117	-2.38E-05	
263	-0.000289	-6.00E-05	-0.005035
-0.000448	-8.85E-05	-3.26E-05	
264	-0.000289	-5.83E-05	-0.005055
-0.000454	-0.000116	-4.25E-05	
265	-0.000290	-4.95E-05	-0.004532
-0.000412	-0.000154	-4.92E-05	
266	-0.000290	-3.51E-05	-0.003545
-0.000324	-0.000227	-5.43E-05	
267	-0.000290	-1.86E-05	-0.002274
-0.000205	-0.000266	-5.60E-05	
268	-0.000291	-6.79E-06	-0.000918
-7.96E-05	-0.000271	-5.01E-05	
269	-0.000291	-5.57E-06	-2.49E-05
-3.36E-06	-0.000254	-4.39E-05	
270	-0.000291	-7.61E-06	-0.001062
-4.37E-05	-0.000228	-4.46E-05	
271	-0.000291	-1.85E-05	-0.002678
-0.000177	-0.000179	-4.27E-05	
272	-0.000291	-3.11E-05	-0.004261
-0.000315	-0.000121	-3.74E-05	
273	-0.000291	-3.87E-05	-0.005582
-0.000434	-6.31E-05	-3.31E-05	
274	-0.000291	-3.97E-05	-0.006418
-0.000518	-1.32E-05	-2.96E-05	
275	-0.000291	-3.48E-05	-0.006626
-0.000558	-3.02E-05	-2.61E-05	
276	-0.000292	-2.23E-05	-0.006155
-0.000548	-0.000134	-2.54E-05	
277	-0.000292	-1.81E-05	-0.005030
-0.000481	-0.000250	-3.24E-05	
278	-0.000292	-2.18E-05	-0.003357
-0.000353	-0.000355	-4.29E-05	
279	-0.000293	-2.60E-05	-0.001285
-0.000141	-0.000436	-4.01E-05	
280	-0.000291	-2.85E-05	-5.05E-05
-7.62E-06	-0.000466	-5.08E-05	
281	-0.000914	-5.84E-06	.000000
-0.000178	-0.000188	-1.92E-06	
282	-0.000394	-1.24E-05	.000000
-4.53E-05	-0.000438	-8.16E-06	
283	-0.000805	.000000	.000000
-3.30E-05	-0.000381	-7.19E-06	
284	.000000	.000000	.000000
-1.60E-05	-0.000376	-6.51E-06	
285	-0.000656	-3.42E-05	.000000
-1.23E-05	-0.000397	-7.21E-06	
286	-0.000619	-7.54E-06	.000000
-0.000153	-0.000816	-9.14E-06	
287	-0.000678	-1.86E-05	.000000
-0.000108	-0.000164	-5.57E-06	
288	-0.000284	-9.44E-06	.000000
-4.95E-05	-0.000334	-2.20E-06	
289	-0.000307	.000000	.000000
-3.13E-05	-0.000286	-1.67E-06	
290	.000000	.000000	.000000
-1.86E-05	-0.000283	-1.15E-06	
291	-0.000519	-2.70E-05	.000000
-1.60E-05	-0.000302	-1.48E-06	
292	-0.000283	-2.20E-05	.000000
-4.43E-05	-0.000582	-4.28E-06	
293	-0.000428	2.78E-21	.000000
-0.000105	-0.000137	-1.12E-05	
294	-0.000183	-4.83E-05	.000000
-5.04E-05	-0.000238	-4.75E-06	
295	-0.000471	-1.09E-05	.000000
-6.03E-05	-0.000189	-4.58E-06	
296	-9.25E-05	-2.51E-05	.000000
-1.61E-05	-0.000197	-4.66E-06	
297	-0.000370	-0.000142	.000000
-2.15E-05	-0.000214	-4.42E-06	
298	-0.000184	-5.82E-05	.000000
-2.70E-05	-0.000359	-1.63E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
27

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000528	0.000185	2.97E-08
5.07E-05	0.000971	6.81E-06	
2	0.000528	0.000188	0.000687
7.55E-05	0.000943	6.22E-06	
3	0.000528	0.000202	0.001878
0.000127	0.000901	6.00E-06	
4	0.000528	0.000217	0.002941
0.000157	0.000594	4.89E-06	
5	0.000529	0.000223	0.003825
0.000179	0.000370	3.34E-06	
6	0.000529	0.000215	0.004467
0.000195	0.000157	1.78E-06	
7	0.000530	0.000192	0.004798
0.000203	1.46E-05	8.49E-07	
8	0.000530	0.000155	0.004744
0.000203	6.19E-05	1.65E-06	
9	0.000531	0.000112	0.004228
0.000188	0.000159	2.96E-06	
10	0.000531	6.74E-05	0.003188
0.000144	0.000271	4.77E-06	
11	0.000532	4.43E-05	0.001539
7.18E-05	0.000396	6.31E-06	
12	0.000532	6.63E-05	4.79E-08
4.67E-05	0.000485	6.24E-06	
13	0.000533	8.65E-05	0.001681
6.22E-05	0.000566	6.38E-06	
14	0.000533	0.000115	0.003414
0.000128	0.000586	6.79E-06	
15	0.000533	0.000142	0.004422
0.000167	0.000528	6.20E-06	
16	0.000534	0.000161	0.004822
0.000183	0.000393	5.13E-06	
17	0.000535	0.000165	0.004699
0.000185	0.000217	3.56E-06	
18	0.000536	0.000163	0.004174
0.000191	0.000140	2.77E-06	
19	0.000537	0.000143	0.004144
0.000193	0.000181	3.13E-06	
20	0.000538	0.000113	0.003794
0.000178	0.000198	3.18E-06	
21	0.000539	7.60E-05	0.002926
0.000136	0.000234	4.75E-06	
22	0.000540	4.04E-05	0.001440
6.62E-05	0.000365	6.27E-06	
23	0.000541	3.71E-05	5.85E-08
3.29E-05	0.000460	6.68E-06	
24	0.000541	5.95E-05	0.001450
6.31E-05	0.000539	7.32E-06	
25	0.000542	9.36E-05	0.002941
0.000131	0.000580	7.55E-06	
26	0.000544	0.000127	0.003806
0.000171	0.000531	7.03E-06	
27	0.000545	0.000153	0.004147
0.000187	0.000404	5.82E-06	
28	0.000546	0.000166	0.004038
0.000187	0.000231	3.92E-06	
29	0.000548	0.000165	0.004031
0.000186	0.000118	2.11E-06	
30	0.000549	0.000150	0.004138
0.000186	0.000052	1.87E-06	
31	0.000551	0.000124	0.003797
0.000170	0.000169	2.10E-06	
32	0.000552	9.15E-05	0.002933
0.000130	0.000232	3.70E-06	
33	0.000554	5.89E-05	0.001446
6.31E-05	0.000365	5.39E-06	
34	0.000554	3.81E-05	5.85E-08
3.33E-05	0.000463	6.00E-06	
35	0.000555	3.78E-05	0.001436
6.51E-05	0.000545	7.09E-06	
36	0.000556	6.98E-05	0.002918
0.000135	0.000592	7.51E-06	
37	0.000556	0.000103	0.003784
0.000176	0.000548	7.08E-06	
38	0.000556	0.000129	0.004134
0.000192	0.000423	5.97E-06	
39	0.000555	0.000145	0.004178
0.000190	0.000249	4.09E-06	
40	0.000554	0.000145	0.004703
0.000186	0.000122	2.03E-06	
41	0.000552	0.000132	0.004826
0.000183	0.000150	1.67E-06	
42	0.000549	0.000107	0.004426
0.000167	0.000166	2.27E-06	
43	0.000547	7.84E-05	0.003416
0.000129	0.000267	4.30E-06	
44	0.000545	5.15E-05	0.001682
6.39E-05	0.000423	6.49E-06	
45	0.000543	3.74E-05	4.63E-08
4.63E-05	0.000537	7.73E-06	
46	0.000542	6.08E-05	0.001539
7.18E-05	0.000635	9.06E-06	
47	0.000540	0.000102	0.003188
0.000144	0.000704	1.00E-05	
48	0.000539	0.000147	0.004230
0.000188	0.000673	1.01E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
28

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000538	0.000188	0.004746
0.000203	0.000551	9.29E-06	
50	0.000537	0.000219	0.004801
0.000204	0.000363	7.46E-06	
51	0.000537	0.000236	0.004470
0.000196	0.000174	4.92E-06	
52	0.000537	0.000238	0.003828
0.000180	0.000148	2.30E-06	
53	0.000537	0.000226	0.002944
0.000158	0.000190	9.38E-07	
54	0.000538	0.000205	0.001880
0.000129	0.000223	1.20E-06	
55	0.000538	0.000186	0.000689
7.83E-05	0.000243	1.63E-06	
56	0.000539	0.000181	3.03E-08
5.55E-05	0.000246	1.92E-06	
57	0.000468	0.000104	2.31E-08
3.34E-05	0.000796	3.49E-06	
58	0.000468	0.000106	0.000627
3.95E-05	0.000770	2.78E-06	
59	0.000469	0.000109	0.001713
5.41E-05	0.000648	1.42E-06	
60	0.000469	0.000104	0.002680
6.74E-05	0.000475	1.28E-06	
61	0.000469	9.35E-05	0.003476
7.84E-05	0.000288	1.39E-06	
62	0.000469	7.86E-05	0.004042
8.68E-05	0.000113	1.46E-06	
63	0.000469	6.01E-05	0.004312
9.16E-05	1.60E-05	1.58E-06	
64	0.000469	3.86E-05	0.004222
9.66E-05	6.73E-05	1.63E-06	
65	0.000469	2.67E-05	0.003717
9.79E-05	0.000154	1.58E-06	
66	0.000469	3.35E-05	0.002760
8.19E-05	0.000247	1.68E-06	
67	0.000469	4.03E-05	0.001311
4.05E-05	0.000345	2.22E-06	
68	0.000469	4.48E-05	3.57E-08
4.20E-05	0.000411	1.98E-06	
69	0.000469	4.89E-05	0.001442
7.59E-05	0.000462	2.43E-06	
70	0.000469	5.60E-05	0.002975
0.000104	0.000478	2.00E-06	
71	0.000469	6.19E-05	0.003910
0.000109	0.000425	1.39E-06	
72	0.000469	6.39E-05	0.004315
0.000100	0.000311	1.06E-06	
73	0.000469	6.05E-05	0.004245
8.57E-05	0.000165	1.39E-06	
74	0.000469	5.38E-05	0.003799
8.19E-05	0.000124	1.83E-06	
75	0.000467	4.29E-05	0.003668
8.85E-05	0.000164	2.12E-06	
76	0.000469	2.88E-05	0.003314
8.66E-05	0.000181	2.27E-06	
77	0.000469	1.77E-05	0.002517
7.40E-05	0.000212	2.67E-06	
78	0.000469	2.07E-05	0.001219
3.77E-05	0.000315	2.90E-06	
79	0.000469	2.49E-05	4.94E-08
1.07E-05	0.000388	2.14E-06	
80	0.000469	2.81E-05	0.001229
4.72E-05	0.000447	2.42E-06	
81	0.000469	3.39E-05	0.002533
8.11E-05	0.000475	2.36E-06	
82	0.000469	4.25E-05	0.003328
9.27E-05	0.000433	2.01E-06	
83	0.000469	4.88E-05	0.003673
9.01E-05	0.000328	1.50E-06	
84	0.000469	5.13E-05	0.003615
7.97E-05	0.000184	1.06E-06	
85	0.000469	5.09E-05	0.003614
7.85E-05	0.000189	8.91E-07	
86	0.000469	4.71E-05	0.003672
8.86E-05	0.000138	1.06E-06	
87	0.000469	3.98E-05	0.003327
9.11E-05	0.000153	1.24E-06	
88	0.000469	3.12E-05	0.002533
7.96E-05	0.000209	1.71E-06	
89	0.000470	2.64E-05	0.001229
4.62E-05	0.000316	2.22E-06	
90	0.000470	2.42E-05	4.95E-08
1.06E-05	0.000391	1.85E-06	
91	0.000470	2.08E-05	0.001219
3.77E-05	0.000455	2.22E-06	
92	0.000470	1.79E-05	0.002516
7.32E-05	0.000490	2.37E-06	
93	0.000470	1.95E-05	0.003313
8.52E-05	0.000454	2.18E-06	
94	0.000470	2.66E-05	0.003667
8.71E-05	0.000353	1.75E-06	
95	0.000471	3.21E-05	0.003800
8.08E-05	0.000208	1

121	0.000387	5.45E-05	0.003221
6.56E-05	0.000147	4.88E-06	
122	0.000386	5.39E-05	0.002331
4.62E-05	0.000223	5.42E-06	
123	0.000386	4.66E-05	0.001067
1.97E-05	0.000290	4.84E-06	
124	0.000386	3.69E-05	4.64E-08
1.69E-05	0.000323	3.85E-06	
125	0.000386	2.37E-05	0.001188
3.39E-05	0.000343	2.79E-06	
126	0.000385	1.93E-05	0.002533
6.58E-05	0.000388	1.48E-06	
127	0.000385	1.87E-05	0.003408
7.80E-05	0.000289	1.25E-06	
128	0.000384	1.81E-05	0.003824
7.65E-05	0.000198	1.74E-06	
129	0.000384	2.44E-05	0.003806
6.81E-05	8.51E-05	2.11E-06	
130	0.000379	3.12E-05	0.003435
6.67E-05	0.000107	2.46E-06	
131	0.000383	3.64E-05	0.003213
6.98E-05	0.000147	4.03E-06	
132	0.000382	3.85E-05	0.002849
6.58E-05	0.000165	5.20E-06	
133	0.000382	3.58E-05	0.002105
4.99E-05	0.000179	5.64E-06	
134	0.000381	2.79E-05	0.000982
1.96E-05	0.000264	5.15E-06	
135	0.000381	1.88E-05	4.57E-08
9.77E-06	0.000302	4.31E-06	
136	0.000380	1.84E-05	0.000992
2.52E-05	0.000329	2.25E-06	
137	0.000379	2.81E-05	0.002123
5.65E-05	0.000336	1.76E-06	
138	0.000379	3.16E-05	0.002864
7.00E-05	0.000297	1.16E-06	
139	0.000378	3.04E-05	0.003220
7.12E-05	0.000214	1.42E-06	
140	0.000377	2.67E-05	0.003210
6.53E-05	0.000103	1.69E-06	
141	0.000375	2.79E-05	0.003215
6.43E-05	8.75E-05	2.64E-06	
142	0.000374	3.16E-05	0.003226
7.00E-05	0.000122	4.22E-06	
143	0.000373	3.34E-05	0.002871
6.89E-05	0.000138	5.32E-06	
144	0.000372	3.04E-05	0.002129
5.56E-05	0.000190	5.68E-06	
145	0.000371	2.08E-05	0.000996
2.50E-05	0.000267	5.13E-06	
146	0.000370	1.55E-05	4.54E-08
1.00E-05	0.000309	4.28E-06	
147	0.000370	2.41E-05	0.000985
1.89E-05	0.000339	3.20E-06	
148	0.000370	3.31E-05	0.002112
4.87E-05	0.000352	1.63E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000370	3.62E-05	0.002856
6.45E-05	0.000318	8.33E-07	
150	0.000369	3.48E-05	0.003220
6.84E-05	0.000238	1.22E-06	
151	0.000370	3.02E-05	0.003435
6.55E-05	0.000126	1.60E-06	
152	0.000372	2.41E-05	0.003806
6.85E-05	8.27E-05	2.98E-06	
153	0.000373	2.56E-05	0.003824
7.73E-05	0.000119	4.39E-06	
154	0.000376	2.85E-05	0.003409
7.93E-05	0.000136	5.43E-06	
155	0.000378	2.85E-05	0.002534
6.77E-05	0.000223	5.70E-06	
156	0.000379	2.32E-05	0.001188
3.68E-05	0.000316	5.16E-06	
157	0.000380	2.15E-05	4.38E-08
1.54E-05	0.000371	4.33E-06	
158	0.000381	3.22E-05	0.001067
1.76E-05	0.000413	3.27E-06	
159	0.000382	4.20E-05	0.002331
4.49E-05	0.000441	1.78E-06	
160	0.000382	4.52E-05	0.003221
6.47E-05	0.000416	5.49E-07	
161	0.000382	4.36E-05	0.003722
7.35E-05	0.000333	8.30E-07	
162	0.000381	3.90E-05	0.003845
7.56E-05	0.000206	2.21E-06	
163	0.000381	3.34E-05	0.003632
7.39E-05	6.89E-05	4.06E-06	
164	0.000380	2.71E-05	0.003138
6.97E-05	0.000118	5.90E-06	
165	0.000380	2.11E-05	0.002424
6.26E-05	0.000157	7.38E-06	
166	0.000379	2.63E-05	0.001550
5.33E-05	0.000186	8.42E-06	
167	0.000379	5.71E-05	0.000567
4.25E-05	0.000202	9.03E-06	
168	0.000379	8.02E-05	4.25E-08
3.89E-05	0.000205	9.07E-06	
169	0.000499	0.000137	5.54E-05
4.68E-05	0.000963	9.24E-05	
170	0.000499	0.000145	0.000655
4.68E-05	0.000965	7.67E-05	
171	0.000499	0.000159	0.001796
0.000138	0.000871	7.91E-05	
172	0.000499	0.000169	0.002814
0.000167	0.000684	6.19E-05	
173	0.000499	0.000169	0.003656
0.000185	0.000479	5.10E-05	
174	0.000499	0.000157	0.004264
0.000202	0.000286	4.01E-05	
175	0.000499	0.000133	0.004568
0.000217	0.000159	3.48E-05	
176	0.000499	0.000100	0.004501
0.000224	0.000187	3.40E-05	
177	0.000500	6.27E-05	0.003994
0.000216	0.000265	3.49E-05	
178	0.000500	3.47E-05	0.002995
0.000183	0.000361	3.96E-05	
179	0.000500	3.88E-05	0.001435
0.000103	0.000430	4.03E-05	
180	0.000501	5.26E-05	3.83E-05
5.86E-05	0.000511	4.11E-05	
181	0.000501	6.70E-05	0.001599
0.000112	0.000625	5.12E-05	
182	0.000501	8.90E-05	0.003234
0.000181	0.000678	5.90E-05	
183	0.000501	0.000109	0.004200
0.000207	0.000627	5.39E-05	
184	0.000501	0.000122	0.004594
0.000210	0.000504	4.65E-05	
185	0.000502	0.000125	0.004489
0.000202	0.000346	3.87E-05	
186	0.000502	0.000118	0.003997
0.000205	0.000273	3.60E-05	
187	0.000502	9.92E-05	0.003925
0.000214	0.000293	3.73E-05	
188	0.000503	7.29E-05	0.003579
0.000209	0.000299	4.02E-05	
189	0.000503	4.47E-05	0.002749
0.000177	0.000329	4.40E-05	
190	0.000504	2.15E-05	0.001349
9.75E-05	0.000401	4.88E-05	
191	0.000504	2.56E-05	2.07E-05
3.11E-05	0.000488	5.28E-05	
192	0.000505	4.04E-05	0.001361
0.000102	0.000610	6.60E-05	
193	0.000505	6.32E-05	0.002766
0.000176	0.000674	7.69E-05	
194	0.000506	9.79E-05	0.003593
0.000205	0.000633	7.47E-05	
195	0.000506	0.000107	0.003931
0.000210	0.000518	6.59E-05	
196	0.000507	0.000117	0.003841
0.000202	0.000363	5.21E-05	
197	0.000507	0.000116	0.003836
0.000201	0.000256	4.62E-05	
198	0.000508	0.000105	0.003925
0.000208	0.000271	4.09E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000509	8.55E-05	0.003588
0.000203	0.000275	3.71E-05	
200	0.000509	6.10E-05	0.002761
0.000174	0.000325	3.53E-05	
201	0.000510	3.87E-05	0.001358
0.000100	0.000400	3.30E-05	
202	0.000510	2.55E-05	1.96E-05
3.09E-05	0.000490	3.59E-05	
203	0.000510	1.98E-05	0.001348
9.60E-05	0.000617	4.68E-05	
204	0.000511	4.01E-05	0.002745
0.000175	0.000687	5.65E-05	
205	0.000512	6.03E-05	0.003574
0.000207	0.000653	5.70E-05	
206	0.000512	8.08E-05	0.003921
0.000213	0.000541	5.37E-05	
207	0.000513	9.33E-05	0.003998
0.000204	0.000385	4.77E-05	
208	0.000512	9.56E-05	0.004489
0.000203	0.000252	4.29E-05	
209	0.000511	8.74E-05	0.004592
0.000211	0.000268	4.25E-05	
210	0.000509	6.99E-05	0.004196
0.000207	0.000273	4.49E-05	
211	0.000508	4.96E-05	0.003227
0.000181	0.000353	5.05E-05	
212	0.000506	3.38E-05	0.001587
0.000111	0.000447	5.09E-05	
213	0.000505	2.62E-05	2.35E-05
5.70E-05	0.000553	5.15E-05	
214	0.000504	3.92E-05	0.001444
0.000103	0.000697	6.30E-05	
215	0.000502	6.67E-05	0.003002
0.000183	0.000789	7.48E-05	
216	0.000502	9.61E-05	0.003999
0.000216	0.000770	7.18E-05	
217	0.000501	0.000131	0.004505
0.000224	0.000662	6.04E-05	
218	0.000501	0.000159	0.004571
0.000217	0.000492	4.77E-05	
219	0.000501	0.000177	0.004265
0.000203	0.000302	4.08E-05	
220	0.000501	0.000182	0.003657
0.000186	0.000270	3.85E-05	
221	0.000501	0.000176	0.002812
0.000167	0.000288	3.76E-05	
222	0.000501	0.000161	0.001792
0.000138	0.000305	3.71E-05	
223	0.000502	0.000141	0.000648
4.67E-05	0.000269	3.01E-05	
224	0.000502	0.000131	5.57E-05
4.63E-05	0.000239	3.64E-05	
225	0.000426	9.75E-05	3.32E-05
4.59E-05	0.000692	7.89E-05	
226	0.000427	8.47E-05	0.000600
3.38E-05	0.000657	6.25E-05	
227	0.000427	5.92E-05	0.001631
5.21E-05	0.000547	6.63E-05	
228	0.000427	4.15E-05	0.002548
6.52E-05	0.000396	5.12E-05	
229	0.000428	3.98E-05	0.003299
7.56E-05	0.000229	3.92E-05	
230	0.000428	4.20E-05	0.003824
8.32E-05	7.83E-05	3.04E-05	
231	0.000428	4.24E-05	0.004060
8.81E-05	1.17E-05	2.86E-05	
232	0.000427	4.07E-05	0.003948
9.25E-05	7.06E-05	2.76E-05	
233	0.000427	4.19E-05	0.003440
9.55E-05	0.000153	2.66E-05	
234	0.000427	4.48E-05	0.002515
9.22E-05	0.000238	3.03E-05	
235	0.000427	4.39E-05	0.001161
6.35E-05	0.000320	3.20E-05	
236	0.000426	4.05E-05	2.64E-05
6.11E-05	0.000369	3.26E-05	
237	0.000426	3.50E-05	0.001266
0.000109	0.000403	3.87E-05	
238	0.000426	2.63E-05	0.002708
0.000125	0.000406	4.37E-05	
239	0.000425	2.56E-05	0.003620
0.000115	0.000353	3.93E-05	
240	0.000426	3.04E-05	0.004039
9.82E-05	0.000250	3.37E-05	
241	0.000426	3.38E-05	0.004004
8.22E-05	0.000122	2.82E-05	
242	0.000425	2.52E-05	0.003602
7.82E-05	0.000114	2.77E-05	
243	0.000425	3.44E-05	0.003415
8.89E-05	0.000155	3.14E-05	
244	0.000425	3.14E-05	0.003050
9.77E-05	0.000173	3.62E-05	
245	0.000424	2.76E-05	0.002276
0.000100	0.000204	4.23E-05	
246	0.000424	2.46E-05	0.001065
7.60E-05	0.000290	4.78E-05	
247	0.000424	2.14E-05	1.94E-05
3.88E-05	0.000345	4.92E-05	
248	0.000424	1.66E-05	0.001075
8.87E-05	0.000387	5.80E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000423	2.27E-05	0.002292
0.000108	0.000403	6.60E-05	
250	0.000423	2.65E-05	0.003064
0.000103	0.000362	6.36E-05	
251	0.000423	2.90E-05	0.003421
9.04E-05	0.000268	5.61E-05	
252	0.000422	2.87E-05	0.003394
7.65E-05	0.000142	4.60E-05	
253	0.000422	3.01E-05	0.003396
7.53E-05	9.38E-05	3.61E-05	
254	0.000421	3.04E-05	0.003424
8.88E-05	0.000129	2.62E-05	
255	0.000421	2.86E-05	0.003068
0.000181	0.000145	1.92E-05	
256	0.000421	2.47E-05	0.002295
0.000107	0.000200	1.55E-05	
257	0.000421	1.83E-05	0.001077
8.74E-05	0.000289	1.75E-05	
258	0.000420	1.92E-05	1.85E-05
3.89E-05	0.000348	2.03E-05	
259	0.000420	2.30E-05	0.001067
7.47E-05	0.000394	2.64E-05	
260	0.000420	2.67E-05	0.002279
9.81E-05	0.000418	3.42E-05	
261	0.000420	2.70E-05	0.003053
9.59E-05	0.000385	3.73E-05	
262	0.000420	2.87E-05	0.003419
8.74E-05	0.000295	3.76E-05	
263	0.000420	2.83E-05	0.003604
7.69E-05	0.000168	3.83E-05	
264	0.000420	2.56E-05	0.004005
8.22E-05	8.84E-05	4.27E-05	
265	0.000421	2.21E-05	0.004041
9.81E-05	0.000125	4.55E-05	
266	0.000422	2.13E-05	0.003624
0.000115	0.000143	4.66E-05	
267	0.000422	2.07E-05	0.002714
0.000125	0.000230	4.65E-05	
268	0.000423	2.12E-05	0.001275
0.000110	0.000337	4.59E-05	
269	0.000423	2.29E-05	1.99E-05
6.37E-05	0.000409	4.52E-05	
270	0.000423	2.90E-05	0.001155
6.27E-05	0.000470	5.19E-05	
271	0.000423	3.33E-05	0.002511
9.22E-05	0.000512	5.70E-05	
272	0.000423	3.34E-05	0.003438
9.57E-05	0.000491	5.34E-05	
273	0.000424	3.67E-05	0.003948
9.27E-05	0.000402	4.60E-05	
274	0.000423	3.94E-05	0.004061
8.83E-05	0.000262	3.71E-05	
275	0.000422	3.97E-05	0.003825
8.33E-05	0.000103	3.03E-05	
276	0.000422	4.13E-05	0.003300
7.56E-05	0.000421	8.89E-05	3.70E-05
277	0.000422	4.50E-05	0.002550
6.50E-05	0.000164	2.83E-05	
278	0.000421	5.95E-05	0.001634
5.18E-05	0.000194	2.92E-05	
279	0.000421	7.93E-05	0.000606
3.40E-05	0.000212	2.51E-05	
280	0.000421	8.89E-05	3.70E-05
4.65E-05	0.000216	3.07E-05	
281	0.000551	1.47E-05	.000000
6.11E-05	0.000972	6.81E-06	
282	0.000602	1.89E-05	.000000
3.94E-05	0.000484	6.24E-06	
283	0.000703	.000000	.000000
3.28E-05	0.000460	6.68E-06	
284	.000000	.000000	.000000
1.60E-05	0.000463	6.00E-06	
285	0.001038	5.40E-05	.000000
5.47E-06	0.000538	7.73E-06	
286	0.000932	1.85E-05	.000000
4.71E-05	0.000238	1.92E-06	
287	0.000499	4.82E-05	.000000
6.30E-05	0.000798	3.49E-06	
288	0.000498	1.02E-05	.000000
4.10E-05	0.000410	1.98E-06	
289	0.000609	.000000	.000000
1.07E-05	0.000388	2.14E-06	
290	.000000	.000000	.000000
-5.87E-23	0.000391	1.85E-06	
291	0.000900	4.68E-05	.000000
1.27E-07	0.000458	3.04E-06	
292	0.000756	5.88E-05	.000000
8.01E-22	0.000228	3.43E-06	
293	0.000409	1.40E-05	.000000
7.28E-05	0.000568	1.81E-06	
294	0.000395	9.97E-06	.000000
3.60E-05	0.000323	3.85E-06	
295	0.000506	6.24E-06	.000000
5.21E-05	0.000299	4.31E-06	
296	1.33E-06	1.73E-05	.000000
4.81E-08	0.000308	4.28E-06	
297	0.000708	0.001188	.000000
2.84E-21	0.000357	4.33E-06	
298	0.000493	0.000117	.000000
-5.21E-22	0.000206	9.07E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000522	-5.18E-05	-3.61E-07
-0.000181	-0.000247	-1.85E-06	
2	-0.000522	-3.85E-05	-0.002707
-0.000231	-0.000243	-1.46E-06	
3	-0.000522	-2.90E-05	-0.007214
-0.000331	-0.000223	-8.74E-07	
4	-0.000522	-2.80E-05	-0.010798
-0.000409	-0.000191	-1.25E-06	
5	-0.000522	-2.78E-05	-0.013169
-0.000447	-0.000148	-3.05E-06	
6	-0.000523	-2.70E-05	-0.014109
-0.000442	-0.000174	-5.72E-06	
7	-0.000523	-2.45E-05	-0.013568
-0.000405	-0.000363	-8.23E-06	
8	-0.000524	-2.73E-05	-0.011680
-0.000343	-0.000552	-1.01E-05	
9	-0.000524	-2.71E-05	-0.008790
-0.000258	-0.000674	-1.11E-05	
10	-0.000525	-3.62E-05	-0.005403
-0.000160	-0.000704	-1.13E-05	
11	-0.000525	-5.08E-05	-0.002053
-6.37E-05	-0.000636	-1.00E-05	
12	-0.000525	-5.87E-05	-4.45E-07
-4.47E-05	-0.000537	-7.62E-06	
13	-0.000526	-6.91E-05	-0.001838
-0.000100	-0.000424	-5.51E-06	
14	-0.000526	-8.26E-05	-0.004754
-0.000195	-0.000568	-4.91E-06	
15	-0.000526	-8.81E-05	-0.007581
-0.000281	-0.000167	-1.34E-06	
16	-0.000526	-8.60E-05	-0.009832
-0.000341	-0.000150	-1.27E-06	
17	-0.000527	-7.80E-05	-0.011043
-0.000366	-0.000121	-2.88E-06	
18	-0.000528	-6.57E-05	-0.011007
-0.000356	-0.000249	-5.09E-06	
19	-0.000529	-5.09E-05	-0.009734
-0.000319	-0.000423	-6.99E-06	
20	-0.000530	-3.53E-05	-0.007453
-0.000251	-0.000548	-8.10E-06	
21	-0.000531	-3.21E-05	-0.004634
-0.000164	-0.000592	-8.52E-06	
22	-0.000532	-3.54E-05	-0.001772
-6.94E-05	-0.000546	-7.97E-06	
23	-0.000533	-3.94E-05	-4.31E-07
-3.09E-05	-0.000464	-6.68E-06	
24	-0.000534	-3.94E-05	-0.001757
-8.30E-05	-0.000366	-5.69E-06	
25	-0.000535	-4.50E-05	-0.004588
-0.000179	-0.000232	-3.79E-06	
26	-0.000537	-5.43E-05	-0.007366
-0.000266	-0.000168	-2.09E-06	
27	-0.000539	-5.66E-05	-0.009600
-0.000330	-0.000154	-1.69E-06	
28	-0.000540	-5.34E-05	-0.010824
-0.000360	-0.000117	-2.04E-06	
29	-0.000542	-4.87E-05	-0.010822
-0.000360	-0.000231	-4.02E-06	
30	-0.000543	-5.17E-05	-0.009595
-0.000329	-0.000404	-5.89E-06	
31	-0.000545	-4.98E-05	-0.007359
-0.000265	-0.000531	-7.06E-06	
32	-0.000547	-4.17E-05	-0.004581
-0.000179	-0.000580	-7.44E-06	
33	-0.000549	-3.94E-05	-0.001752
-8.32E-05	-0.000538	-7.04E-06	
34	-0.000550	-4.00E-05	-4.31E-07
-3.18E-05	-0.000459	-6.05E-06	
35	-0.000552	-3.47E-05	-0.001768
-6.83E-05	-0.000364	-5.45E-06	
36	-0.000550	-3.03E-05	-0.004627
-0.000163	-0.000234	-3.83E-06	
37	-0.000549	-3.16E-05	-0.007445
-0.000250	-0.000198	-2.26E-06	
38	-0.000549	-3.59E-05	-0.009727
-0.000318	-0.000182	-2.19E-06	
39	-0.000548	-4.59E-05	-0.011002
-0.000355	-0.000140	-2.19E-06	
40	-0.000546	-5.36E-05	-0.011040
-0.000366	-0.000217	-3.88E-06	
41	-0.000545	-5.70E-05	-0.009831
-0.000342	-0.000393	-5.85E-06	
42	-0.000544	-5.40E-05	-0.007582
-0.000282	-0.000527	-7.09E-06	
43	-0.000543	-4.27E-05	-0.004755
-0.000197	-0.000586	-7.68E-06	
44	-0.000542	-3.39E-05	-0.001839
-0.000101	-0.000556	-7.52E-06	
45	-0.000541	-3.67E-05	-4.44E-07
-5.00E-05	-0.000484	-6.64E-06	
46	-0.000540	-3.87E-05	-0.002053
-6.10E-05	-0.000396	-5.84E-06	
47	-0.000539	-4.61E-05	-0.005404
-0.000158	-0.000271	-4.08E-06	
48	-0.000539	-5.88E-05	-0.008789
-0.000256	-0.000159	-2.39E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000538	-6.67E-05	-0.011678
-0.000342	-6.19E-05	-1.15E-06	
50	-0.000538	-7.01E-05	-0.013566
-0.000404	-1.47E-05	-7.13E-07	
51	-0.000537	-7.04E-05	-0.014107
-0.000442	-0.000157	-2.08E-06	
52	-0.000537	-6.85E-05	-0.013167
-0.000447	-0.000370	-4.19E-06	
53	-0.000537	-6.50E-05	-0.010797
-0.000410	-0.000594	-5.81E-06	
54	-0.000537	-6.01E-05	-0.007213
-0.000332	-0.000800	-6.73E-06	
55	-0.000537	-5.74E-05	-0.002706
-0.000231	-0.000943	-6.82E-06	
56	-0.000538	-6.47E-05	-3.60E-07
-0.000180	-0.000971	-6.88E-06	
57	-0.000463	-1.86E-05	-3.57E-07
-0.000134	-0.000227	-3.58E-06	
58	-0.000464	-1.88E-05	-0.002201
-0.000206	-0.000223	-3.05E-06	
59	-0.000464	-1.76E-05	-0.005882
-0.000353	-0.000204	-1.64E-06	
60	-0.000464	-1.41E-05	-0.008840
-0.000459	-0.000173	-2.49E-06	
61	-0.000464	-1.03E-05	-0.010828
-0.000511	-0.000132	-3.29E-06	
62	-0.000464	-9.47E-06	-0.011640
-0.000512	-0.000133	-3.92E-06	
63	-0.000464	-9.10E-06	-0.011218
-0.000468	-0.000310	-4.24E-06	
64	-0.000464	-8.66E-06	-0.009674
-0.000386	-0.000467	-4.62E-06	
65	-0.000464	-8.16E-06	-0.007296
-0.000280	-0.000566	-4.63E-06	
66	-0.000464	-1.39E-05	-0.004505
-0.000168	-0.000590	-4.14E-06	
67	-0.000464	-2.76E-05	-0.001726
-6.22E-05	-0.000534	-3.33E-06	
68	-0.000463	-3.77E-05	-4.56E-07
-4.47E-05	-0.000457	-2.96E-06	
69	-0.000463	-4.71E-05	-0.001537
-0.000108	-0.000367	-3.02E-06	
70	-0.000463	-5.64E-05	-0.003943
-0.000215	-0.000241	-1.78E-06	
71	-0.000463	-5.97E-05	-0.006261
-0.000315	-0.000151	-8.16E-07	
72	-0.000463	-5.81E-05	-0.008103
-0.000389	-0.000133	-1.11E-06	
73	-0.000463	-5.20E-05	-0.009093
-0.000423	-9.63E-05	-1.72E-06	
74	-0.000463	-4.49E-05	-0.009059
-0.000412	-0.000208	-2.23E-06	
75	-0.000463	-3.51E-05	-0.008009
-0.000359	-0.000353	-2.78E-06	
76	-0.000464	-2.42E-05	-0.006137
-0.000273	-0.000454	-3.18E-06	
77	-0.000464	-1.58E-05	-0.003829
-0.000170	-0.000490	-3.27E-06	
78	-0.000464	-7.82E-06	-0.001474
-6.67E-05	-0.000455	-2.96E-06	
79	-0.000464	-1.29E-05	-4.47E-07
-2.08E-05	-0.000392	-2.46E-06	
80	-0.000464	-2.00E-05	-0.001460
-8.08E-05	-0.000316	-2.41E-06	
81	-0.000464	-2.68E-05	-0.003785
-0.000187	-0.000209	-1.56E-06	
82	-0.000464	-3.03E-05	-0.006054
-0.000291	-0.000153	-1.20E-06	
83	-0.000464	-3.12E-05	-0.007881
-0.000371	-0.000138	-9.22E-07	
84	-0.000465	-3.00E-05	-0.008886
-0.000414	-0.000102	-7.66E-07	
85	-0.000465	-2.78E-05	-0.008885
-0.000413	-0.000185	-1.13E-06	
86	-0.000465	-2.82E-05	-0.007881
-0.000370	-0.000328	-1.68E-06	
87	-0.000465	-2.72E-05	-0.006053
-0.000289	-0.000433	-2.11E-06	
88	-0.000465	-2.39E-05	-0.003784
-0.000186	-0.000475	-2.31E-06	
89	-0.000465	-1.80E-05	-0.001460
-7.97E-05	-0.000447	-2.18E-06	
90	-0.000465	-1.27E-05	-4.47E-07
-2.02E-05

122	-0.000384	-8.28E-05	-0.003420
-0.000183	-0.000442	-1.88E-06	
123	-0.000383	-5.91E-05	-0.001344
-7.50E-05	-0.000414	-3.39E-06	
124	-0.000383	-4.62E-05	-7.26E-08
-5.67E-05	-0.000371	-4.43E-06	
125	-0.000383	-3.91E-05	-0.001169
-0.000113	-0.000316	-5.25E-06	
126	-0.000383	-4.46E-05	-0.002910
-0.000213	-0.000223	-5.92E-06	
127	-0.000382	-6.99E-05	-0.004535
-0.000303	-0.000136	-9.37E-06	
128	-0.000382	-9.17E-05	-0.005803
-0.000366	-0.000118	-5.23E-06	
129	-0.000382	-0.000104	-0.006478
-0.000394	-8.23E-05	-3.86E-06	
130	-0.000382	-0.000105	-0.006449
-0.000387	-0.000126	-2.17E-06	
131	-0.000381	-9.37E-05	-0.005724
-0.000347	-0.000238	-1.11E-06	
132	-0.000381	-7.69E-05	-0.004431
-0.000276	-0.000318	-6.61E-07	
133	-0.000381	-5.54E-05	-0.002811
-0.000182	-0.000351	-1.57E-06	
134	-0.000380	-3.22E-05	-0.001114
-8.27E-05	-0.000338	-3.11E-06	
135	-0.000379	-1.96E-05	-5.87E-08
-4.29E-05	-0.000308	-4.18E-06	
136	-0.000379	-1.80E-05	-0.001097
-9.78E-05	-0.000266	-5.06E-06	
137	-0.000377	-4.30E-05	-0.002764
-0.000197	-0.000190	-5.69E-06	
138	-0.000376	-6.91E-05	-0.004345
-0.000289	-0.000138	-5.43E-06	
139	-0.000375	-8.95E-05	-0.005598
-0.000356	-0.000122	-4.40E-06	
140	-0.000374	-0.000100	-0.006284
-0.000390	-8.77E-05	-2.96E-06	
141	-0.000373	-9.93E-05	-0.006285
-0.000390	-0.000103	-1.59E-06	
142	-0.000371	-9.01E-05	-0.005601
-0.000355	-0.000214	-1.24E-06	
143	-0.000370	-7.09E-05	-0.004350
-0.000288	-0.000297	-1.05E-06	
144	-0.000368	-4.58E-05	-0.002769
-0.000197	-0.000336	-1.70E-06	
145	-0.000366	-2.08E-05	-0.001101
-9.77E-05	-0.000330	-3.24E-06	
146	-0.000365	-1.69E-05	-5.87E-08
-4.33E-05	-0.000304	-4.31E-06	
147	-0.000366	-3.05E-05	-0.001117
-8.21E-05	-0.000264	-5.17E-06	
148	-0.000366	-5.65E-05	-0.002817
-0.000181	-0.000192	-5.71E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000367	-8.19E-05	-0.004437
-0.000275	-0.000165	-5.36E-06	
150	-0.000368	-0.000101	-0.005730
-0.000346	-0.000147	-4.25E-06	
151	-0.000369	-0.000109	-0.006453
-0.000387	-0.000107	-2.66E-06	
152	-0.000370	-0.000106	-0.006481
-0.000394	-8.54E-05	-1.68E-06	
153	-0.000371	-9.56E-05	-0.005805
-0.000366	-0.000198	-1.43E-06	
154	-0.000371	-7.49E-05	-0.004537
-0.000304	-0.000289	-1.14E-06	
155	-0.000372	-4.85E-05	-0.002911
-0.000214	-0.000338	-1.58E-06	
156	-0.000372	-2.30E-05	-0.001169
-0.000115	-0.000342	-2.90E-06	
157	-0.000372	-1.51E-05	-6.88E-08
-5.90E-05	-0.000323	-3.95E-06	
158	-0.000373	-2.74E-05	-0.001344
-7.20E-05	-0.000290	-4.89E-06	
159	-0.000373	-5.22E-05	-0.003420
-0.000181	-0.000223	-5.46E-06	
160	-0.000373	-7.79E-05	-0.005450
-0.000289	-0.000147	-5.00E-06	
161	-0.000373	-9.76E-05	-0.007141
-0.000379	-6.94E-05	-3.73E-06	
162	-0.000373	-0.000107	-0.008213
-0.000445	-9.58E-06	-1.97E-06	
163	-0.000373	-0.000104	-0.008476
-0.000481	-5.46E-05	-1.73E-06	
164	-0.000374	-8.83E-05	-0.007856
-0.000482	-0.000195	-1.78E-06	
165	-0.000374	-6.10E-05	-0.006397
-0.000444	-0.000333	-1.54E-06	
166	-0.000374	-2.87E-05	-0.004237
-0.000361	-0.000463	-1.39E-06	
167	-0.000373	-3.18E-05	-0.001574
-0.000237	-0.000546	-1.34E-06	
168	-0.000373	-3.47E-05	-3.61E-08
-0.000178	-0.000562	-1.33E-06	
169	-0.000494	-2.68E-05	-8.87E-05
-0.000102	-0.000238	-3.56E-05	
170	-0.000494	-2.56E-05	-0.002461
-0.000207	-0.000269	-2.88E-05	
171	-0.000494	-2.31E-05	-0.006623
-0.000401	-0.000304	-3.41E-05	
172	-0.000494	-2.08E-05	-0.009965
-0.000514	-0.000288	-3.34E-05	
173	-0.000494	-1.83E-05	-0.012209
-0.000573	-0.000269	-3.26E-05	
174	-0.000494	-1.51E-05	-0.013108
-0.000581	-0.000302	-3.43E-05	
175	-0.000494	-1.11E-05	-0.012612
-0.000539	-0.000492	-4.13E-05	
176	-0.000494	-9.31E-06	-0.010842
-0.000455	-0.000662	-5.83E-05	
177	-0.000494	-1.01E-05	-0.008143
-0.000343	-0.000771	-6.92E-05	
178	-0.000494	-1.83E-05	-0.005001
-0.000219	-0.000789	-7.16E-05	
179	-0.000494	-3.03E-05	-0.001888
-9.00E-05	-0.000698	-5.98E-05	
180	-0.000494	-4.35E-05	-5.52E-05
-3.95E-05	-0.000553	-4.53E-05	
181	-0.000494	-5.87E-05	-0.001717
-0.000111	-0.000446	-3.94E-05	
182	-0.000494	-7.14E-05	-0.004420
-0.000244	-0.000353	-3.48E-05	
183	-0.000495	-7.55E-05	-0.007046
-0.000358	-0.000274	-3.41E-05	
184	-0.000495	-7.32E-05	-0.009149
-0.000443	-0.000269	-3.49E-05	
185	-0.000495	-6.61E-05	-0.010289
-0.000484	-0.000252	-3.68E-05	
186	-0.000495	-5.57E-05	-0.010253
-0.000477	-0.000385	-4.00E-05	
187	-0.000495	-4.31E-05	-0.009050
-0.000423	-0.000540	-5.00E-05	
188	-0.000496	-2.96E-05	-0.006912
-0.000330	-0.000653	-5.87E-05	
189	-0.000496	-2.05E-05	-0.004293
-0.000215	-0.000687	-6.28E-05	
190	-0.000497	-1.38E-05	-0.001640
-8.95E-05	-0.000618	-5.55E-05	
191	-0.000498	-1.98E-05	-4.53E-05
-2.65E-05	-0.000491	-4.68E-05	
192	-0.000499	-2.57E-05	-0.001628
-9.65E-05	-0.000400	-4.67E-05	
193	-0.000500	-3.66E-05	-0.004250
-0.000224	-0.000325	-4.72E-05	
194	-0.000500	-4.28E-05	-0.006830
-0.000338	-0.000275	-4.27E-05	
195	-0.000500	-4.41E-05	-0.008919
-0.000426	-0.000271	-4.16E-05	
196	-0.000502	-4.18E-05	-0.010074
-0.000473	-0.000256	-4.19E-05	
197	-0.000502	-3.76E-05	-0.010073
-0.000472	-0.000363	-4.70E-05	
198	-0.000503	-3.90E-05	-0.008915
-0.000425	-0.000518	-5.30E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000503	-3.79E-05	-0.006825
-0.000336	-0.000633	-5.64E-05	
200	-0.000504	-3.26E-05	-0.004245
-0.000222	-0.000674	-5.60E-05	
201	-0.000505	-2.50E-05	-0.001624
-9.47E-05	-0.000610	-4.66E-05	
202	-0.000505	-1.99E-05	-4.50E-05
-2.65E-05	-0.000487	-3.58E-05	
203	-0.000506	-1.34E-05	-0.001639
-8.82E-05	-0.000400	-3.30E-05	
204	-0.000506	-1.54E-05	-0.004289
-0.000213	-0.000328	-3.55E-05	
205	-0.000506	-2.06E-05	-0.006907
-0.000328	-0.000299	-3.75E-05	
206	-0.000506	-2.81E-05	-0.009046
-0.000422	-0.000293	-4.15E-05	
207	-0.000506	-3.59E-05	-0.010250
-0.000476	-0.000273	-4.70E-05	
208	-0.000505	-4.16E-05	-0.010286
-0.000483	-0.000346	-5.29E-05	
209	-0.000504	-4.42E-05	-0.009146
-0.000442	-0.000504	-4.76E-05	
210	-0.000504	-4.24E-05	-0.007042
-0.000358	-0.000627	-7.68E-05	
211	-0.000503	-3.48E-05	-0.004414
-0.000244	-0.000678	-7.96E-05	
212	-0.000502	-2.08E-05	-0.001708
-0.000111	-0.000826	-8.47E-05	
213	-0.000502	-1.81E-05	-4.39E-05
-3.95E-05	-0.000511	-5.62E-05	
214	-0.000501	-2.52E-05	-0.001901
-9.05E-05	-0.000429	-5.28E-05	
215	-0.000501	-3.64E-05	-0.005009
-0.000219	-0.000360	-4.84E-05	
216	-0.000501	-4.54E-05	-0.008149
-0.000343	-0.000265	-4.08E-05	
217	-0.000500	-5.14E-05	-0.010846
-0.000455	-0.000187	-3.89E-05	
218	-0.000500	-5.48E-05	-0.012614
-0.000539	-0.000159	-3.85E-05	
219	-0.000500	-5.62E-05	-0.013109
-0.000581	-0.000287	-5.60E-05	
220	-0.000500	-5.60E-05	-0.012209
-0.000573	-0.000479	-4.83E-05	
221	-0.000500	-5.44E-05	-0.009965
-0.000514	-0.000684	-5.83E-05	
222	-0.000501	-5.18E-05	-0.006624
-0.000401	-0.000871	-7.73E-05	
223	-0.000501	-4.84E-05	-0.002464
-0.000207	-0.000965	-7.54E-05	
224	-0.000501	-4.64E-05	-9.39E-05
-0.000101	-0.000962	-9.03E-05	
225	-0.000423	-1.88E-05	-0.000101
-2.55E-05	-0.000217	-3.58E-05	
226	-0.000423	-1.73E-05	-0.001949
-0.000183	-0.000213	-2.91E-05	
227	-0.000424	-1.30E-05	-0.005084
-0.000426	-0.000194	-3.37E-05	
228	-0.000424	-1.17E-05	-0.007615
-0.000546	-0.000164	-3.21E-05	
229	-0.000424	-2.78E-05	-0.009323
-0.000600	-0.000124	-3.77E-05	
230	-0.000424	-4.49E-05	-0.010031
-0.000600	-0.000103	-2.93E-05	
231	-0.000424	-5.40E-05	-0.009693
-0.000556	-0.000262	-3.54E-05	
232	-0.000424	-5.49E-05	-0.008397
-0.000473	-0.000402	-4.32E-05	
233	-0.000423	-5.14E-05	-0.006378
-0.000356	-0.000490	-4.91E-05	
234	-0.000423	-4.56E-05	-0.003986
-0.000213	-0.000512	-5.26E-05	
235	-0.000423	-4.03E-05	-0.001574
-5.71E-05	-0.000469	-4.56E-05	
236	-0.000422	-3.88E-05	-5.43E-05
-8.23E-06	-0.000409	-4.73E-05	
237	-0.000422	-4.03E-05	-0.001371
-0.000102	-0.000338	-3.57E-05	
238	-0.000422	-4.36E-05	-0.003434
-0.000257	-0.000231	-3.18E-05	
239	-0.000422	-4.53E-05	-0.005393
-0.000383	-0.000143	-2.69E-05	
240	-0.000422	-5.37E-05	-0.006934
-0.000469	-0.000125	-2.66E-05	
241	-0.000422	-6.12E-05	-0.007759
-0.000507	-8.83E-05	-2.78E-05	
242	-0.000422	-6.05E-05	-0.007730
-0.000499	-0.000168	-3.18E-05	
243	-0.000421	-5.43E-05	-0.006850
-0.000447	-0.000295	-3.98E-05	
244	-0.000421	-4.16E-05	-0.005282
-0.000351	-0.000385	-4.67E-05	
245	-0.000421	-2.65E-05	-0.003332
-0.000222	-0.000418	-5.06E-05	
246	-0.000421	-1.49E-05	-0.001319
-7.06E-05	-0.000394	-5.06E-05	
247	-0.000421	-1.42E-05	-3.98E-05
-5.75E-06	-0.000347	-4.16E-05	
248	-0.000420	-1.75E-05	-0.001303
-8.53E-05	-0.000289	-4.26E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000420	-2.49E-05	-0.003286
-0.000238	-0.000199	-5.51E-05	
250	-0.000420	-3.89E-05	-0.005197
-0.000366	-0.000145	-4.56E-05	
251	-0.000419	-5.04E-05	-0.006722
-0.000457	-0.000129	-4.47E-05	
252	-0.000419	-5.59E-05	-0.007560
-0.000502	-9.39E-05	-4.21E-05	
253	-0.000418	-5.50E-05	-0.007561
-0.000501	-0.000142	-3.80E-05	
254	-0.000417	-5.08E-05	-0.006724
-0.000456	-0.000268	-3.72E-05	
255	-0.000417	-4.03E-05	-0.005200
-0.000365	-0.000362	-3.69E-05	
256	-0.000416	-2.61E-05	-0.003289
-0.000236	-0.000403	-5.61E-05	
257	-0.000416	-1.55E-05	-0.001306
-8.41E-05	-0.000387	-2.61E-05	
258	-0.000416	-1.25E-05	-3.93E-05
-5.76E-06	-0.000345	-2.01E-05	
259	-0.000416	-1.51E-05	-0.001321
-6.92E-05	-0.000291	-1.75E-05	
260	-0.000416	-2.64E-05	-0.003335
-0.000220	-0.000204	-1.67E-05	
261	-0.000416	-4.14E-05	-0.005285
-0.000350	-0.000173	-2.02E-05	
262	-0.000416	-5.50E-05	-0.006853
-0.000445	-0.000155	-2.63E-05	
263	-0.000417	-6.31E-05	-0.007732
-0.000498	-0.000114	-3.64E-05	
264	-0.000417	-6.40E-05	-0.007762
-0.000506	-0.000122	-4.65E-05	
265	-0.000417	-5.77E-05	-0.006936
-0.000469	-0.000250	-5.68E-05	
266	-0.000417	-4.53E-05	-0.005395
-0.000383	-0.000353	-5.15E-05	
267	-0.000417	-2.96E-05	-0.003438
-0.000257	-0.000405	-6.78E-05	
268	-0.000417	-1.58E-05	-0.001377
-0.000103	-0.000402	-6.04E-05	
269	-0.000417	-1.15E-05	-4.46E-05
-8.20E-06	-0.000369	-5.18E-05	
270	-0.000417	-1.55E-05	-0.001565
-5.62E-05	-0.000320	-5.10E-05	
271	-0.000417	-2.91E-05	-0.003981
-0.000213	-0.000239	-4.61E-05	
272	-0.000417	-4.28E-05	-0.006375
-0.000356	-0.000153	-3.95E-05	
273	-0.000417	-5.14E-05	-0.008395
-0.000473	-7.08E-05	-3.47E-05	
274	-0.000417	-5.33E-05	-0.009693
-0.000556	-1.17E-05	-3.08E-05	
275	-0.000417	-4.90E-05	-0.010031
-0.000600	-7.83E-05	-2.81E-05	
276	-0.000417	-3.74E-05	-0.009323
-0.000599	-0.000229	-3.47E-05	
277	-0.000417	-3.32E-05	-0.007615
-0.000545	-0.000396	-3.25E-05	
278	-0.000417	-3.57E-05	-0.005084
-0.000426	-0.000547	-6.25E-05	
279	-0.000417	-3.85E-05	-0.001948
-0.000183	-0.000658	-5.96E-05	
280	-0.000417	-4.01E-05	-9.87E-05
-2.72E-05	-0.000693	-7.50E-05	
281	-0.000107	-7.30E-06	.000000
-0.000172	-0.000245	-1.85E-06	.000000
282	-0.000475	-1.49E-05	.000000
-4.17E-05	-0.000538	-7.62E-06	.000000
283	-0.001001	.000000	.000000
-3.09E-05	-0.000464	-6.68E-06	.000000
284	.000000	.000000	.000000
-1.14E-05	-0.000392	-6.30E-06	.000000
285	-0.000817	-4.25E-05	.000000
-4.43E-06	-0.000486	-6.64E-06	.000000
286	-0.000462	-9.18E-06	.000000
-0.000143	-0.000977	-6.88E-06	.000000
287	-0.000932	-2.53E-05	.000000
-0.000108	-0.000722	-5.58E-06	.000000
288	-0.000392	-1.30E-05	.000000
-4.71E-05	-0.000457	-2.96E-06	.000000
289	-0.000869	.000000	.000000
-2.07E-05	-0.000392	-2.45E-06	.000000
290	.000000	.000000	.000000
-5.91E-06	-0.000388	-1.83E-06	.000000
291	-0.000706	-3.68E-05	.000000
-1.10E-05	-0.000412	-1.31E-06	.000000
292	-0.000387	-3.01E-05	.000000
-1.68E-05	-0.000805	-4.87E-06	.000000
293	-0.000687	-1.26E-05	.000000
-0.000149	-0.000194	-1.02E-05	.000000
294	-0.000296	-7.17E-05	.000000
-7.58E-05	-0.000363	-4.43E-06	.000000
295	-0.000714	-2.51E-05	.000000
-9.54E-05	-0.000292	-4.18E-06	.000000
296	-4.49E-07	-5.10E-05	.000000
-2.80E-05	-0.000305	-4.31E-06	.000000
297	-0.000549	-0.000216	.000000
-4.55E-05	-0.000330	-3.95E-06	.000000
298	-0.000286	-0.000316	.000000
-2.84E-05	-0.000583	-1.33E-06	.000000

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000535	0.000163	4.26E-08
4.95E-05	0.000948	5.92E-06	
2	0.000491	0.000158	0.000724
8.78E-05	0.000925	5.43E-06	
3	0.000535	0.000169	0.001978
0.000171	0.000794	5.25E-06	
4	0.000535	0.000182	0.003096
0.000229	0.000596	4.35E-06	
5	0.000536	0.000189	0.004021
0.000269	0.000375	3.38E-06	
6	0.000536	0.000183	0.004684
0.000293	0.000158	2.45E-06	
7	0.000537	0.000165	0.005012
0.000298	1.35E-05	2.01E-06	
8	0.000537	0.000136	0.004928
0.000284	6.75E-05	2.96E-06	
9	0.000537	0.000101	0.004359
0.000248	0.000169	4.23E-06	
10	0.000538	6.39E-05	0.003253
0.000182	0.000282	6.06E-06	
11	0.000538	4.43E-05	0.001551
9.06E-05	0.000403	7.44E-06	
12	0.000539	6.14E-05	6.24E-08
5.28E-05	0.000534	6.68E-06	
13	0.000539	7.37E-05	0.001702
6.68E-05	0.000548	6.41E-06	
14	0.000539	9.65E-05	0.003496
0.000149	0.000574	6.32E-06	
15	0.000539	0.000119	0.004571
0.000209	0.000615	5.47E-06	
16	0.000539	0.000136	0.005020
0.000245	0.000382	4.49E-06	
17	0.000540	0.000142	0.004918
0.000260	0.000206	3.47E-06	
18	0.000540	0.000139	0.004387
0.000266	0.000142	3.21E-06	
19	0.000541	0.000123	0.004289
0.000258	0.000188	3.92E-06	
20	0.000542	9.80E-05	0.003896
0.000226	0.000207	4.30E-06	
21	0.000542	6.70E-05	0.002974
0.000164	0.000244	6.03E-06	
22	0.000543	3.73E-05	0.001446
7.86E-05	0.000370	7.42E-06	
23	0.000544	3.51E-05	7.09E-08
3.60E-05	0.000457	6.93E-06	
24	0.000544	5.26E-05	0.001457
7.15E-05	0.000528	6.91E-06	
25	0.000545	8.18E-05	0.002992
0.000156	0.000563	6.67E-06	
26	0.000546	0.000106	0.003910
0.000216	0.000512	6.02E-06	
27	0.000547	0.000132	0.004294
0.000250	0.000386	5.00E-06	
28	0.000547	0.000143	0.004206
0.000262	0.000214	3.89E-06	
29	0.000548	0.000142	0.004202
0.000261	0.000120	2.89E-06	
30	0.000549	0.000129	0.004289
0.000249	0.000160	3.12E-06	
31	0.000550	0.000107	0.003905
0.000215	0.000177	3.62E-06	
32	0.000551	7.95E-05	0.002987
0.000158	0.000518	5.24E-06	
33	0.000552	5.18E-05	0.001454
7.16E-05	0.000371	6.70E-06	
34	0.000553	3.59E-05	7.09E-08
3.62E-05	0.000461	6.41E-06	
35	0.000553	3.49E-05	0.001443
7.74E-05	0.000534	6.79E-06	
36	0.000553	6.15E-05	0.002969
0.000163	0.000573	6.66E-06	
37	0.000553	8.94E-05	0.003890
0.000224	0.000525	6.00E-06	
38	0.000553	0.000112	0.004284
0.000256	0.000400	5.12E-06	
39	0.000553	0.000124	0.004391
0.000264	0.000226	4.07E-06	
40	0.000552	0.000124	0.004922
0.000260	0.000124	2.87E-06	
41	0.000551	0.000112	0.005024
0.000245	0.000156	3.00E-06	
42	0.000549	9.10E-05	0.004574
0.000209	0.000175	3.77E-06	
43	0.000548	6.81E-05	0.003498
0.000150	0.000283	5.71E-06	
44	0.000546	4.68E-05	0.001703
6.76E-05	0.000433	7.58E-06	
45	0.000545	3.64E-05	6.12E-08
5.35E-05	0.000538	7.82E-06	
46	0.000543	5.57E-05	0.001551
9.13E-05	0.000626	8.37E-06	
47	0.000543	9.04E-05	0.003254
0.000182	0.000683	8.68E-06	
48	0.000542	0.000128	0.004360
0.000248	0.000645	8.52E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000542	0.000163	0.004930
0.000284	0.000518	7.91E-06	
50	0.000541	0.000190	0.005014
0.000298	0.000326	6.89E-06	
51	0.000541	0.000204	0.004687
0.000293	0.000165	5.27E-06	
52	0.000541	0.000206	0.004024
0.000270	0.000157	3.57E-06	
53	0.000541	0.000196	0.003099
0.000230	0.000202	2.84E-06	
54	0.000542	0.000177	0.001980
0.000173	0.000236	3.56E-06	
55	0.000542	0.000161	0.000725
9.06E-05	0.000257	5.53E-06	
56	0.000543	0.000159	4.32E-08
5.41E-05	0.000260	6.29E-06	
57	0.000513	9.38E-05	2.48E-08
5.25E-05	0.000876	5.92E-06	
58	0.000513	9.42E-05	0.000688
7.21E-05	0.000853	4.91E-06	
59	0.000514	9.67E-05	0.001880
0.000142	0.000730	2.44E-06	
60	0.000514	9.30E-05	0.002941
0.000204	0.000547	1.56E-06	
61	0.000514	8.39E-05	0.003816
0.000245	0.000343	1.34E-06	
62	0.000514	7.08E-05	0.004437
0.000267	0.000146	1.43E-06	
63	0.000514	5.42E-05	0.004733
0.000269	2.47E-05	1.56E-06	
64	0.000515	3.49E-05	0.004635
0.000251	6.90E-05	1.64E-06	
65	0.000515	2.48E-05	0.004081
0.000218	0.000164	1.62E-06	
66	0.000514	3.05E-05	0.003030
0.000160	0.000268	1.72E-06	
67	0.000514	3.76E-05	0.001439
7.98E-05	0.000377	2.18E-06	
68	0.000514	4.17E-05	3.90E-08
5.46E-05	0.000451	2.05E-06	
69	0.000514	4.58E-05	0.001583
9.44E-05	0.000511	3.06E-06	
70	0.000514	5.29E-05	0.003266
0.000159	0.000532	2.54E-06	
71	0.000514	5.91E-05	0.004292
0.000205	0.000476	1.61E-06	
72	0.000514	6.07E-05	0.004736
0.000231	0.000352	1.21E-06	
73	0.000514	5.80E-05	0.004659
0.000239	0.000191	1.60E-06	
74	0.000514	5.10E-05	0.004169
0.000238	0.000134	2.06E-06	
75	0.000514	3.98E-05	0.004028
0.000229	0.000179	2.37E-06	
76	0.000514	2.65E-05	0.003639
0.000196	0.000198	2.50E-06	
77	0.000514	1.65E-05	0.002764
0.000144	0.000232	2.78E-06	
78	0.000514	1.76E-05	0.001338
7.09E-05	0.000346	2.91E-06	
79	0.000514	2.18E-05	5.36E-08
2.60E-05	0.000426	2.25E-06	
80	0.000514	2.60E-05	0.001350
7.51E-05	0.000491	3.02E-06	
81	0.000515	3.23E-05	0.002782
0.000146	0.000523	2.82E-06	
82	0.000515	4.03E-05	0.003654
0.000197	0.000476	2.13E-06	
83	0.000515	4.67E-05	0.004033
0.000227	0.000359	1.55E-06	
84	0.000515	5.13E-05	0.003969
0.000235	0.000201	1.14E-06	
85	0.000515	4.86E-05	0.003968
0.000234	0.000112	1.09E-06	
86	0.000515	4.47E-05	0.004032
0.000225	0.000151	1.28E-06	
87	0.000515	3.75E-05	0.003653
0.000195	0.000168	1.46E-06	
88	0.000515	2.94E-05	0.002781
0.000144	0.000230	1.80E-06	
89	0.000515	2.42E-05	0.001349
7.39E-05	0.000347	2.21E-06	
90	0.000516	2.13E-05	5.37E-08
2.59E-05	0.000430	1.92E-06	
91	0.000516	1.77E-05	0.001338
7.08E-05	0.000498	2.85E-06	
92	0.000516	1.63E-05	0.002763
0.000143	0.000534	2.83E-06	

123	0.000471	4.39E-05	0.001310
4.57E-05	0.000349	5.51E-06	
124	0.000471	3.66E-05	5.34E-08
2.98E-05	0.000404	5.15E-06	
125	0.000471	3.19E-05	0.001446
3.46E-05	0.000444	4.58E-06	
126	0.000471	3.92E-05	0.003029
7.61E-05	0.000453	3.60E-06	
127	0.000470	4.96E-05	0.004021
0.000103	0.000399	3.09E-06	
128	0.000470	5.73E-05	0.004467
0.000114	0.000377	2.90E-06	
129	0.000470	6.62E-05	0.004414
0.000114	0.000143	2.63E-06	
130	0.000470	7.01E-05	0.003962
0.000116	0.000126	2.92E-06	
131	0.000470	6.78E-05	0.003786
0.000119	0.000170	4.28E-06	
132	0.000469	5.88E-05	0.003396
0.000107	0.000190	5.23E-06	
133	0.000469	4.38E-05	0.002549
7.74E-05	0.000222	5.58E-06	
134	0.000469	2.62E-05	0.001213
3.39E-05	0.000320	5.76E-06	
135	0.000469	1.65E-05	5.57E-08
1.52E-05	0.000381	5.52E-06	
136	0.000469	2.18E-05	0.001224
3.18E-05	0.000427	5.01E-06	
137	0.000468	4.15E-05	0.002568
7.46E-05	0.000447	3.95E-06	
138	0.000468	5.60E-05	0.003412
0.000102	0.000402	3.22E-06	
139	0.000467	5.43E-05	0.003793
0.000115	0.000297	2.91E-06	
140	0.000467	6.64E-05	0.003750
0.000113	0.000156	2.44E-06	
141	0.000466	6.75E-05	0.003752
0.000112	0.000105	2.85E-06	
142	0.000465	6.57E-05	0.003795
0.000114	0.000143	4.20E-06	
143	0.000465	5.81E-05	0.003415
0.000101	0.000160	5.11E-06	
144	0.000464	4.42E-05	0.002571
7.38E-05	0.000221	5.41E-06	
145	0.000464	2.51E-05	0.001226
3.16E-05	0.000323	5.80E-06	
146	0.000463	1.50E-05	5.54E-08
1.53E-05	0.000387	5.39E-06	
147	0.000463	2.17E-05	0.001215
3.31E-05	0.000436	4.90E-06	
148	0.000463	3.88E-05	0.002552
7.60E-05	0.000460	3.79E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000464	5.29E-05	0.003399
0.000105	0.000419	2.93E-06	
150	0.000464	6.10E-05	0.003789
0.000118	0.000317	2.72E-06	
151	0.000464	6.24E-05	0.003961
0.000115	0.000174	2.35E-06	
152	0.000465	5.78E-05	0.004413
0.000114	0.000101	3.17E-06	
153	0.000466	5.43E-05	0.004467
0.000115	0.000141	4.37E-06	
154	0.000467	4.78E-05	0.004021
0.000104	0.000159	5.22E-06	
155	0.000468	3.61E-05	0.003030
7.74E-05	0.000459	5.56E-06	
156	0.000469	2.53E-05	0.001446
3.70E-05	0.000380	5.86E-06	
157	0.000469	2.57E-05	5.11E-08
2.90E-05	0.000457	5.72E-06	
158	0.000469	3.62E-05	0.001310
4.44E-05	0.000520	5.30E-06	
159	0.000469	5.29E-05	0.002804
8.96E-05	0.000560	4.40E-06	
160	0.000469	6.94E-05	0.003817
0.000126	0.000528	3.36E-06	
161	0.000469	8.05E-05	0.004364
0.000146	0.000423	3.06E-06	
162	0.000468	8.51E-05	0.004475
0.000149	0.000263	3.46E-06	
163	0.000468	8.40E-05	0.004204
0.000138	9.22E-05	4.12E-06	
164	0.000467	7.61E-05	0.003620
0.000124	0.000141	5.44E-06	
165	0.000467	6.26E-05	0.002792
0.000104	0.000184	6.76E-06	
166	0.000467	5.35E-05	0.001784
7.45E-05	0.000216	7.66E-06	
167	0.000466	6.42E-05	0.000652
4.02E-05	0.000234	8.19E-06	
168	0.000466	8.04E-05	4.38E-08
3.85E-05	0.000237	8.24E-06	
169	0.000529	0.000197	8.63E-05
4.87E-05	0.000967	9.90E-05	
170	0.000525	0.000124	0.000707
5.18E-05	0.000973	8.12E-05	
171	0.000525	0.000136	0.001930
0.000205	0.000880	8.42E-05	
172	0.000525	0.000144	0.003020
0.000278	0.000693	6.57E-05	
173	0.000525	0.000143	0.003921
0.000323	0.000481	5.19E-05	
174	0.000525	0.000133	0.004564
0.000349	0.000276	4.25E-05	
175	0.000525	0.000113	0.004878
0.000357	0.000136	3.83E-05	
176	0.000525	8.68E-05	0.004789
0.000343	0.000170	3.79E-05	
177	0.000525	5.63E-05	0.004229
0.000302	0.000256	3.89E-05	
178	0.000526	3.36E-05	0.003150
0.000229	0.000358	4.30E-05	
179	0.000526	3.64E-05	0.001497
0.000113	0.000437	4.31E-05	
180	0.000526	4.67E-05	5.40E-05
5.18E-05	0.000517	4.36E-05	
181	0.000526	5.73E-05	0.001667
0.000106	0.000622	5.38E-05	
182	0.000526	7.59E-05	0.003404
0.000209	0.000625	6.17E-05	
183	0.000526	9.30E-05	0.004450
0.000273	0.000617	5.63E-05	
184	0.000526	0.000104	0.004891
0.000309	0.000490	4.93E-05	
185	0.000527	0.000107	0.004798
0.000320	0.000324	4.27E-05	
186	0.000527	0.000100	0.004283
0.000325	0.000255	4.01E-05	
187	0.000527	8.49E-05	0.004167
0.000318	0.000283	4.08E-05	
188	0.000527	6.27E-05	0.003780
0.000283	0.000294	4.26E-05	
189	0.000528	3.84E-05	0.002883
0.000214	0.000325	4.52E-05	
190	0.000528	1.84E-05	0.001403
0.000102	0.000407	4.80E-05	
191	0.000528	2.29E-05	3.88E-05
2.73E-05	0.000493	5.04E-05	
192	0.000529	3.63E-05	0.001415
0.000101	0.000504	6.19E-05	
193	0.000529	5.67E-05	0.002901
0.000209	0.000661	7.13E-05	
194	0.000529	7.80E-05	0.003795
0.000275	0.000616	6.92E-05	
195	0.000530	9.42E-05	0.004173
0.000311	0.000495	6.24E-05	
196	0.000530	0.000102	0.004094
0.000321	0.000333	5.19E-05	
197	0.000531	0.000101	0.004091
0.000320	0.000237	4.83E-05	
198	0.000531	9.18E-05	0.004170
0.000310	0.000259	4.58E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000531	7.52E-05	0.003792
0.000273	0.000267	5.49E-05	
200	0.000531	5.41E-05	0.002898
0.000207	0.000324	4.59E-05	
201	0.000532	3.46E-05	0.001413
9.95E-05	0.000408	4.52E-05	
202	0.000532	2.28E-05	3.78E-05
2.72E-05	0.000496	4.76E-05	
203	0.000533	1.73E-05	0.001402
0.000101	0.000611	5.41E-05	
204	0.000533	3.46E-05	0.002881
0.000212	0.000671	6.88E-05	
205	0.000533	5.22E-05	0.003777
0.000280	0.000630	6.73E-05	
206	0.000534	6.96E-05	0.004165
0.000316	0.000510	6.08E-05	
207	0.000534	7.99E-05	0.004284
0.000323	0.000347	5.08E-05	
208	0.000533	8.15E-05	0.004797
0.000320	0.000234	4.30E-05	
209	0.000533	7.45E-05	0.004890
0.000309	0.000257	4.10E-05	
210	0.000532	6.02E-05	0.004446
0.000273	0.000266	4.22E-05	
211	0.000531	4.41E-05	0.003398
0.000209	0.000358	4.78E-05	
212	0.000530	3.23E-05	0.001656
0.000105	0.000463	5.05E-05	
213	0.000529	2.69E-05	4.10E-05
5.06E-05	0.000566	5.20E-05	
214	0.000528	3.85E-05	0.001506
0.000113	0.000696	6.37E-05	
215	0.000527	6.24E-05	0.003157
0.000229	0.000775	7.52E-05	
216	0.000526	8.79E-05	0.004234
0.000302	0.000746	7.17E-05	
217	0.000526	0.000114	0.004792
0.000343	0.000625	6.02E-05	
218	0.000526	0.000142	0.004880
0.000357	0.000443	5.02E-05	
219	0.000525	0.000157	0.004566
0.000349	0.000273	4.55E-05	
220	0.000525	0.000161	0.003921
0.000323	0.000260	4.45E-05	
221	0.000526	0.000156	0.003019
0.000278	0.000286	4.44E-05	
222	0.000526	0.000142	0.001926
0.000205	0.000306	4.46E-05	
223	0.000527	0.000125	0.000700
5.18E-05	0.000281	3.70E-05	
224	0.000527	0.000116	8.57E-05
4.81E-05	0.000256	4.51E-05	
225	0.000491	8.86E-05	3.81E-05
6.17E-05	0.000874	9.21E-05	
226	0.000491	8.20E-05	0.000671
5.88E-05	0.000873	7.61E-05	
227	0.000491	7.01E-05	0.001831
0.000141	0.000789	8.14E-05	
228	0.000492	6.43E-05	0.002864
0.000201	0.000622	6.40E-05	
229	0.000492	6.81E-05	0.003713
0.000242	0.000430	4.86E-05	
230	0.000492	7.03E-05	0.004313
0.000262	0.000231	3.91E-05	
231	0.000493	6.68E-05	0.004594
0.000262	0.000147	3.63E-05	
232	0.000493	5.77E-05	0.004487
0.000247	0.000177	3.47E-05	
233	0.000492	4.87E-05	0.003934
0.000216	0.000256	3.39E-05	
234	0.000491	4.12E-05	0.002900
0.000170	0.000348	3.76E-05	
235	0.000492	4.06E-05	0.001355
0.000101	0.000412	3.79E-05	
236	0.000492	3.87E-05	2.61E-05
7.57E-05	0.000480	4.00E-05	
237	0.000492	3.82E-05	0.001478
0.000113	0.000572	4.99E-05	
238	0.000492	3.90E-05	0.003118
0.000174	0.000609	5.74E-05	
239	0.000492	4.67E-05	0.004133
0.000204	0.000557	5.28E-05	
240	0.000492	5.68E-05	0.004584
0.000222	0.000441	4.51E-05	
241	0.000491	6.18E-05	0.004524
0.000227	0.000292	3.89E-05	
242	0.000491	6.13E-05	0.004057
0.000225	0.000248	3.69E-05	
243	0.000491	5.51E-05	0.003893
0.000220	0.000275	3.87E-05	
244	0.000491	4.40E-05	0.003500
0.000198	0.000286	4.19E-05	
245	0.000491	3.07E-05	0.002635
0.000161	0.000315	4.69E-05	
246	0.000491	2.15E-05	0.001249
0.000101	0.000383	4.96E-05	
247	0.000491	1.89E-05	1.95E-05
5.24E-05	0.000455	5.07E-05	
248	0.000491	1.77E-05	0.001260
0.000106	0.000553	6.17E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000491	3.09E-05	0.002652
0.000159	0.000601	7.06E-05	
250	0.000490	4.32E-05	0.003515
0.000192	0.000559	6.71E-05	
251	0.000490	5.24E-05	0.003899
0.000213	0.000450	6.00E-05	
252	0.000490	5.60E-05	0.003849
0.000217	0.000305	5.07E-05	
253	0.000490	5.73E-05	0.003850
0.000216	0.000228	4.17E-05	
254	0.000490	5.38E-05	0.003900
0.000211	0.000250	3.41E-05	
255	0.000490	4.53E-05	0.003516
0.000190	0.000258	2.99E-05	
256	0.000490	3.31E-05	0.002654
0.000157	0.000313	2.97E-05	
257	0.000489	1.97E-05	0.001261
0.000124	0.000343	3.23E-05	
258	0.000489	1.72E-05	1.86E-05
5.25E-05	0.000457	3.62E-05	
259	0.000489	1.95E-05	0.001250
9.95E-05	0.000560	4.70E-05	
260	0.000489	2.77E-05	0.002636
0.000159	0.000613	5.77E-05	
261	0.000490	3.71E-05	0.003501
0.000196	0.000576	5.88E-05	
262	0.000490	4.56E-05	0.003894
0.000218	0.000469	5.49E-05	
263	0.000490	4.94E-05	0.004058
0.000224	0.000322	4.97E-05	
264	0.000490	4.76E-05	0.004525
0.000227	0.000223	4.80E-05	
265	0.000490	4.17E-05	0.004586
0.000222	0.000246	4.79E-05	
266	0.000491	3.43E-05	0.004136
0.000203	0.000256	4.78E-05	
267	0.000491	2.49E-05	0.003124
0.000174	0.000345	4.79E-05	
268	0.000491	2.30E-05	0.001487
0.000124	0.000434	4.86E-05	
269	0.000490	2.58E-05	2.13E-05
7.79E-05	0.000522	5.01E-05	
270	0.000490	3.23E-05	0.001349
0.000101	0.000639	6.10E-05	
271	0.000490	3.87E-05	0.002896
0.000170	0.000711	6.94E-05	
272	0.000490	4.91E-05	0.003932
0.000216	0.000685	6.59E-05	
273	0.000489	6.12E-05	0.004487
0.000247	0.000577	5.68E-05	
274	0.000489	7.01E-05	0.004594
0.000262	0.000413	4.69E-05	
275	0.000489	7.28E-05	0.004314
0.000262	0.000236	4.02E-05	
276	0.000488	7.24E-05	0.003715
0.000242	0.000245	3.81E-05	
277	0.000488	6.88E-05	0.002866
0.000201	0.000274	3.70E-05	
278	0.000488	7.08E-05	0.001834
0.000140	0.000597	1.87E-05	
279	0.000488	7.81E-05	0.000676
5.91E-05	0.000269	3.22E-05	
280	0.000488	8.60E-05	4.14E-05
6.22E-05	0.000243	3.95E-05	
281	0.000560	1.44E-05	.000000
6.09E-05	0.000949	5.92E-06	
282	0.000597	1.87E-05	.000000
4.70E-05	0.000484	6.68E-06	
283	0.000713	.000000	.000000
3.60E-05	0.000457	6.93E-06	
284	.000000	.000000	.000000
1.79E-05	0.000461	6.41E-06	
285	0.001049	5.46E-05	.000000
9.95E-06	0.000640	7.82E-06	
286	0.000894	1.78E-05	.000000
4.78E-05	0.000262	6.29E-06	
287	0.000536	5.28E-05	.000000
9.17E-05	0.000876	5.92E-06	
288	0.000549	1.12E-05	.000000
5.51E-05	0.000451	2.05E-06	
289	0.000668	.000000	.000000
2.59E-05	0.000426	2.25E-06	
290	.000000	.000000	.000000
9.07E-06	0.000430	1.92E-06	
291	0.000989	5.14E-05	.000000
5.35E-06	0.000503	3.05E-06	
292	0.000874	6.44E-05	.000000
2.01E-05	0.000252	3.20E-06	
293	0.000496	1.59E-05	.000000
9.44E-05	0.000749	5.25E-06	
294	0.000494	4.93E-06	.000000
4.63E-05	0.000404	5.15E-06	
295	0.000615	1.55E-05	.000000
7.18E-05	0.000574	5.52E-06	
296	2.81E-06	1.92E-05	.000000
1.15E-06	0.000386	5.39E-06	
297	0.000863	0.000236	.000000
5.66E-21	0.000444	5.72E-06	
298	0.000674	0.000155	.000000
-1.09E-21	0.000239	8.24E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G1-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000530	-5.25E-05	-3.02E-07
-0.000159	-0.000260	-6.19E-06	
2	-0.000530	-4.95E-05	-0.002632
-0.000198	-0.000257	-5.38E-06	
3	-0.000532	-5.60E-05	-0.007028
-0.000280	-0.000236	-5.40E-06	
4	-0.000530	-6.58E-05	-0.010534
-0.000349	-0.000202	-3.34E-06	
5	-0.000530	-7.24E-05	-0.012862
-0.000385	-0.000157	-4.42E-06	
6	-0.000531	-7.52E-05	-0.013798
-0.000386	-0.000165	-7.45E-06	
7	-0.000531	-7.30E-05	-0.013289
-0.000359	-0.000326	-7.65E-06	
8	-0.000531	-7.15E-05	-0.011462
-0.000310	-0.000519	-8.60E-06	
9	-0.000532	-6.46E-05	-0.008650
-0.000240	-0.000646	-9.30E-06	
10	-0.000532	-5.33E-05	-0.005340
-0.000156	-0.000684	-9.66E-06	
11	-0.000532	-6.67E-05	-0.002043
-6.65E-05	-0.000626	-9.14E-06	
12	-0.000532	-6.85E-05	-3.75E-07
-4.19E-05	-0.000538	-7.80E-06	
13	-0.000533	-7.31E-05	-0.001817
-9.03E-05	-0.000433	-7.87E-06	
14	-0.000532	-8.46E-05	-0.004664
-0.000178	-0.000283	-4.97E-06	
15	-0.000533	-9.92E-05	-0.007402
-0.000254	-0.000176	-3.26E-06	
16	-0.000533	-0.000106	-0.009573
-0.000306	-0.000157	-2.86E-06	
17	-0.000533	-0.000105	-0.010740
-0.000325	-0.000123	-3.77E-06	
18	-0.000534	-9.63E-05	-0.010703
-0.000315	-0.000226	-5.05E-06	
19	-0.000534	-8.21E-05	-0.009472
-0.000288	-0.000399	-6.05E-06	
20	-0.000535	-6.36E-05	-0.007268
-0.000232	-0.000525	-6.83E-06	
21	-0.000536	-5.16E-05	-0.004537
-0.000156	-0.000573	-7.48E-06	
22	-0.000536	-4.47E-05	-0.001748
-6.86E-05	-0.000534	-7.54E-06	
23	-0.000537	-4.32E-05	-3.63E-07
-2.93E-05	-0.000462	-7.00E-06	
24	-0.000538	-4.31E-05	-0.001731
-7.77E-05	-0.000372	-6.95E-06	
25	-0.000539	-5.79E-05	-0.004486
-0.000166	-0.000243	-5.31E-06	
26	-0.000540	-7.53E-05	-0.007172
-0.000242	-0.000176	-3.64E-06	
27	-0.000541	-8.42E-05	-0.009325
-0.000296	-0.000160	-3.01E-06	
28	-0.000542	-8.54E-05	-0.010506
-0.000319	-0.000120	-2.86E-06	
29	-0.000543	-8.16E-05	-0.010505
-0.000319	-0.000214	-4.01E-06	
30	-0.000544	-8.03E-05	-0.009322
-0.000295	-0.000386	-5.09E-06	
31	-0.000545	-7.20E-05	-0.007167
-0.000241	-0.000512	-6.05E-06	
32	-0.000546	-5.55E-05	-0.004481
-0.000166	-0.000563	-6.61E-06	
33	-0.000547	-4.34E-05	-0.001728
-7.78E-05	-0.000527	-6.74E-06	
34	-0.000548	-4.34E-05	-3.63E-07
-3.00E-05	-0.000457	-6.45E-06	
35	-0.000548	-4.42E-05	-0.001745
-6.73E-05	-0.000370	-6.75E-06	
36	-0.000548	-5.04E-05	-0.004533
-0.000154	-0.000244	-5.33E-06	
37	-0.000548	-6.09E-05	-0.007263
-0.000230	-0.000208	-3.73E-06	
38	-0.000547	-7.17E-05	-0.009469
-0.000286	-0.000189	-3.36E-06	
39	-0.000546	-8.35E-05	-0.010701
-0.000314	-0.000142	-2.93E-06	
40	-0.000546	-8.95E-05	-0.010739
-0.000325	-0.000206	-3.85E-06	
41	-0.000545	-8.82E-05	-0.009575
-0.000306	-0.000382	-4.99E-06	
42	-0.000544	-7.83E-05	-0.007404
-0.000255	-0.000515	-6.06E-06	
43	-0.000543	-5.92E-05	-0.004665
-0.000179	-0.000574	-6.85E-06	
44	-0.000542	-4.23E-05	-0.001818
-9.11E-05	-0.000548	-7.19E-06	
45	-0.000542	-4.07E-05	-3.74E-07
-4.64E-05	-0.000484	-6.99E-06	
46	-0.000541	-4.74E-05	-0.002044
-6.45E-05	-0.000402	-7.14E-06	
47	-0.000540	-6.35E-05	-0.005341
-0.000154	-0.000282	-5.61E-06	
48	-0.000540	-8.38E-05	-0.008650
-0.000239	-0.000169	-3.93E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000539	-9.78E-05	-0.011461
-0.000309	-6.75E-05	-2.72E-06	
50	-0.000539	-0.000105	-0.013287
-0.000358	-1.35E-05	-2.06E-06	
51	-0.000539	-0.000107	-0.013796
-0.000386	-0.000158	-2.81E-06	
52	-0.000539	-0.000104	-0.012861
-0.000385	-0.000375	-4.15E-06	
53	-0.000539	-9.56E-05	-0.010532
-0.000350	-0.000596	-4.98E-06	
54	-0.000539	-8.20E-05	-0.007026
-0.000281	-0.000794	-5.83E-06	
55	-0.000539	-6.59E-05	-0.002632
-0.000198	-0.000925	-6.04E-06	
56	-0.000540	-6.42E-05	-3.02E-07
-0.000158	-0.000948	-6.13E-06	
57	-0.000508	-4.69E-05	-3.85E-07
-0.000128	-0.000249	-3.53E-06	
58	-0.000509	-3.92E-05	-0.002414
-0.000175	-0.000245	-3.04E-06	
59	-0.000509	-2.87E-05	-0.006450
-0.000298	-0.000226	-1.91E-06	
60	-0.000509	-2.17E-05	-0.009690
-0.000391	-0.000193	-2.43E-06	
61	-0.000510	-1.69E-05	-0.011864
-0.000441	-0.000148	-3.18E-06	
62	-0.000510	-1.63E-05	-0.012751
-0.000448	-0.000135	-3.64E-06	
63	-0.000510	-1.69E-05	-0.012293
-0.000416	-0.000312	-4.13E-06	
64	-0.000509	-1.75E-05	-0.010604
-0.000352	-0.000449	-4.57E-06	
65	-0.000509	-1.87E-05	-0.008002
-0.000266	-0.000604	-4.62E-06	
66	-0.000509	-2.66E-05	-0.004943
-0.000168	-0.000637	-4.30E-06	
67	-0.000509	-4.26E-05	-0.001895
-6.92E-05	-0.000583	-3.73E-06	
68	-0.000509	-5.32E-05	-4.88E-07
-4.26E-05	-0.000501	-2.96E-06	
69	-0.000509	-5.98E-05	-0.001687
-9.40E-05	-0.000405	-3.01E-06	
70	-0.000509	-6.54E-05	-0.004326
-0.000199	-0.000267	-1.81E-06	
71	-0.000509	-6.69E-05	-0.006864
-0.000290	-0.000167	-1.66E-07	
72	-0.000509	-6.45E-05	-0.008878
-0.000353	-0.000148	-1.21E-06	
73	-0.000509	-5.83E-05	-0.009962
-0.000379	-0.000108	-1.73E-06	
74	-0.000509	-4.93E-05	-0.009924
-0.000368	-0.000216	-2.28E-06	
75	-0.000509	-3.97E-05	-0.008776
-0.000328	-0.000376	-2.87E-06	
76	-0.000509	-3.06E-05	-0.006729
-0.000257	-0.000490	-3.30E-06	
77	-0.000509	-2.65E-05	-0.004201
-0.000166	-0.000534	-3.63E-06	
78	-0.000509	-2.46E-05	-0.001619
-6.76E-05	-0.000498	-3.50E-06	
79	-0.000509	-3.11E-05	-4.79E-07
-1.82E-05	-0.000430	-2.52E-06	
80	-0.000510	-3.52E-05	-0.001603
-7.55E-05	-0.000347	-2.40E-06	
81	-0.000510	-3.68E-05	-0.004152
-0.000179	-0.000330	-1.66E-06	
82	-0.000510	-3.82E-05	-0.006638
-0.000271	-0.000168	-1.39E-06	
83	-0.000510	-3.80E-05	-0.008635
-0.000338	-0.000151	-1.16E-06	
84	-0.000510	-3.60E-05	-0.009734
-0.000370	-0.000112	-9.80E-07	
85	-0.000510	-3.37E-05	-0.009734
-0.000370	-0.000201	-1.21E-06	
86	-0.000510	-3.51E-05	-0.008635
-0.000336	-0.000359	-1.68E-06	
87	-0.000510	-3.53E-05	-0.006637
-0.000269	-0.000476	-2.20E-06	
88	-0.000511	-3.44E-05	-0.004152
-0.000177	-0.000523	-2.78E-06	
89	-0.000511	-3.35E-05	-0.001602
-7.43E-05	-0.000491	-2.82E-06	
90	-0.000511	-3.10E-05	-4.79E-07
-1.78E-05	-0.000426	-1.90E-06	
91	-0.000511	-2.49E-05	-0.001618
-6.74E-05	-0.000346	-2.39E-06	
92	-0.000511	-2.22E-05	-0.004200
-0.000165	-0.000232	-2.02E-06	
93	-0.000511	-2.27E-05	-0.006728
-0.000255	-0.000198	-1.67E-06	
94	-0.000511	-2.58E-05	-0.008775
-0.000327	-0.000179	-1.42E-06	
95	-0.000511	-3.04E-05	-0.009924
-0.000367	-0.000134	-1.15E-06	
96	-0.000511	-3.44E-05	-0.009962
-0.000378	-0.000191	-1.14E-06	

124	-0.000467	-5.89E-05	-1.92E-07
-8.74E-05	-0.000457	-5.77E-06	
125	-0.000467	-5.51E-05	-0.001484
-0.000135	-0.000380	-5.89E-06	
126	-0.000467	-6.26E-05	-0.003754
-0.000213	-0.000259	-5.68E-06	
127	-0.000467	-8.45E-05	-0.005909
-0.000289	-0.000159	-5.50E-06	
128	-0.000467	-0.000102	-0.007607
-0.000338	-0.000140	-4.89E-06	
129	-0.000467	-0.000109	-0.008517
-0.000357	-0.000101	-3.97E-06	
130	-0.000467	-0.000105	-0.008484
-0.000350	-0.000174	-3.07E-06	
131	-0.000467	-9.63E-05	-0.007516
-0.000320	-0.000317	-2.91E-06	
132	-0.000467	-8.34E-05	-0.005787
-0.000264	-0.000419	-3.05E-06	
133	-0.000467	-6.53E-05	-0.003640
-0.000187	-0.000460	-3.97E-06	
134	-0.000467	-4.59E-05	-0.001421
-0.000108	-0.000436	-4.99E-06	
135	-0.000466	-3.57E-05	-1.78E-07
-7.49E-05	-0.000386	-5.46E-06	
136	-0.000466	-3.51E-05	-0.001404
-0.000122	-0.000323	-5.63E-06	
137	-0.000465	-5.76E-05	-0.003589
-0.000200	-0.000221	-5.49E-06	
138	-0.000465	-7.95E-05	-0.005695
-0.000276	-0.000160	-5.21E-06	
139	-0.000464	-9.51E-05	-0.007376
-0.000328	-0.000144	-4.38E-06	
140	-0.000463	-0.000102	-0.008300
-0.000353	-0.000105	-3.16E-06	
141	-0.000462	-0.000101	-0.008300
-0.000353	-0.000156	-2.32E-06	
142	-0.000462	-9.55E-05	-0.007377
-0.000328	-0.000297	-2.71E-06	
143	-0.000461	-8.11E-05	-0.005696
-0.000275	-0.000402	-3.08E-06	
144	-0.000460	-6.04E-05	-0.003591
-0.000200	-0.000447	-3.83E-06	
145	-0.000459	-3.80E-05	-0.001405
-0.000122	-0.000428	-4.91E-06	
146	-0.000459	-3.37E-05	-1.78E-07
-7.52E-05	-0.000381	-5.42E-06	
147	-0.000459	-4.41E-05	-0.001423
-0.000107	-0.000320	-5.63E-06	
148	-0.000459	-6.48E-05	-0.003642
-0.000186	-0.000222	-5.46E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000460	-8.49E-05	-0.005790
-0.000263	-0.000490	-5.18E-06	
150	-0.000460	-9.87E-05	-0.007518
-0.000319	-0.000170	-4.27E-06	
151	-0.000461	-0.000106	-0.008486
-0.000349	-0.000126	-2.90E-06	
152	-0.000461	-0.000106	-0.008518
-0.000357	-0.000143	-2.42E-06	
153	-0.000461	-9.92E-05	-0.007608
-0.000338	-0.000287	-2.91E-06	
154	-0.000462	-8.33E-05	-0.005909
-0.000289	-0.000399	-3.23E-06	
155	-0.000462	-6.11E-05	-0.003755
-0.000215	-0.000453	-3.84E-06	
156	-0.000462	-3.86E-05	-0.001484
-0.000137	-0.000444	-4.79E-06	
157	-0.000462	-3.18E-05	-1.89E-07
-8.93E-05	-0.000404	-5.30E-06	
158	-0.000462	-4.27E-05	-0.001685
-9.76E-05	-0.000349	-5.63E-06	
159	-0.000462	-6.57E-05	-0.004344
-0.000186	-0.000256	-5.47E-06	
160	-0.000461	-8.86E-05	-0.006981
-0.000275	-0.000160	-4.61E-06	
161	-0.000461	-0.000105	-0.009204
-0.000345	-6.94E-05	-3.34E-06	
162	-0.000461	-0.000113	-0.010629
-0.000395	-2.26E-05	-1.87E-06	
163	-0.000461	-0.000109	-0.011005
-0.000422	-0.000108	-2.09E-06	
164	-0.000461	-9.47E-05	-0.010224
-0.000424	-0.000279	-2.88E-06	
165	-0.000461	-7.03E-05	-0.008345
-0.000399	-0.000463	-3.60E-06	
166	-0.000461	-4.46E-05	-0.005544
-0.000340	-0.000625	-4.40E-06	
167	-0.000461	-5.10E-05	-0.002066
-0.000256	-0.000727	-5.00E-06	
168	-0.000461	-5.93E-05	-1.39E-07
-0.000214	-0.000746	-5.08E-06	
169	-0.000520	-3.69E-05	-8.79E-05
-0.000139	-0.000255	-3.82E-05	
170	-0.000520	-3.84E-05	-0.002530
-0.000177	-0.000280	-3.10E-05	
171	-0.000520	-4.13E-05	-0.006779
-0.000337	-0.000306	-3.67E-05	
172	-0.000520	-4.25E-05	-0.010190
-0.000437	-0.000285	-3.62E-05	
173	-0.000520	-4.20E-05	-0.012478
-0.000491	-3.58E-05	-3.26E-05	
174	-0.000520	-4.05E-05	-0.013402
-0.000503	-0.000273	-3.74E-05	
175	-0.000520	-3.85E-05	-0.012910
-0.000474	-0.000444	-4.35E-05	
176	-0.000520	-3.70E-05	-0.011121
-0.000410	-0.000626	-5.85E-05	
177	-0.000520	-3.53E-05	-0.008377
-0.000322	-0.000746	-6.93E-05	
178	-0.000520	-3.86E-05	-0.005163
-0.000220	-0.000776	-7.25E-05	
179	-0.000520	-4.43E-05	-0.001964
-0.000107	-0.000697	-6.12E-05	
180	-0.000520	-5.29E-05	-5.06E-05
-5.01E-05	-0.000566	-4.79E-05	
181	-0.000520	-6.39E-05	-0.001771
-0.000114	-0.000461	-4.37E-05	
182	-0.000520	-7.31E-05	-0.004534
-0.000234	-0.000358	-4.10E-05	
183	-0.000520	-7.81E-05	-0.007200
-0.000329	-0.000266	-4.44E-05	
184	-0.000520	-7.90E-05	-0.009324
-0.000398	-0.000257	-4.09E-05	
185	-0.000520	-7.49E-05	-0.010471
-0.000428	-0.000234	-4.18E-05	
186	-0.000521	-6.82E-05	-0.010434
-0.000421	-0.000347	-4.36E-05	
187	-0.000521	-5.82E-05	-0.009220
-0.000381	-0.000510	-5.09E-05	
188	-0.000521	-4.56E-05	-0.007059
-0.000308	-0.000630	-5.85E-05	
189	-0.000522	-3.49E-05	-0.004400
-0.000214	-0.000671	-6.31E-05	
190	-0.000522	-2.50E-05	-0.001692
-0.000102	-0.000611	-5.57E-05	
191	-0.000523	-2.75E-05	-4.19E-05
-3.55E-05	-0.000497	-4.67E-05	
192	-0.000523	-3.16E-05	-0.001676
-0.000105	-0.000408	-4.59E-05	
193	-0.000524	-4.47E-05	-0.004351
-0.000219	-0.000324	-4.43E-05	
194	-0.000524	-5.35E-05	-0.006967
-0.000313	-0.000267	-4.02E-05	
195	-0.000525	-5.68E-05	-0.009075
-0.000383	-0.000259	-4.01E-05	
196	-0.000525	-5.60E-05	-0.010239
-0.000417	-0.000237	-4.19E-05	
197	-0.000525	-5.21E-05	-0.010238
-0.000417	-0.000333	-4.99E-05	
198	-0.000526	-5.25E-05	-0.009073
-0.000382	-0.000495	-5.99E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000526	-4.95E-05	-0.006964
-0.000311	-0.000616	-6.65E-05	
200	-0.000527	-4.15E-05	-0.004348
-0.000216	-0.000661	-6.82E-05	
201	-0.000527	-3.16E-05	-0.001674
-0.000103	-0.000604	-5.88E-05	
202	-0.000528	-2.76E-05	-4.13E-05
-3.55E-05	-0.000492	-4.75E-05	
203	-0.000528	-2.49E-05	-0.001691
-0.000101	-0.000406	-4.52E-05	
204	-0.000528	-3.13E-05	-0.004398
-0.000212	-0.000325	-4.61E-05	
205	-0.000528	-3.96E-05	-0.007056
-0.000306	-0.000294	-4.53E-05	
206	-0.000528	-4.86E-05	-0.009217
-0.000379	-0.000283	-4.65E-05	
207	-0.000528	-5.63E-05	-0.010432
-0.000419	-0.000255	-4.92E-05	
208	-0.000527	-6.05E-05	-0.010469
-0.000427	-0.000324	-5.27E-05	
209	-0.000527	-6.05E-05	-0.009322
-0.000397	-0.000490	-6.37E-05	
210	-0.000526	-5.57E-05	-0.007197
-0.000329	-0.000617	-7.11E-05	
211	-0.000526	-4.55E-05	-0.004529
-0.000234	-0.000670	-7.39E-05	
212	-0.000525	-2.96E-05	-0.001763
-0.000114	-0.000623	-6.48E-05	
213	-0.000525	-2.53E-05	-4.22E-05
-5.00E-05	-0.000517	-5.34E-05	
214	-0.000524	-3.37E-05	-0.001976
-0.000107	-0.000436	-5.15E-05	
215	-0.000524	-4.75E-05	-0.005172
-0.000220	-0.000357	-4.91E-05	
216	-0.000523	-5.84E-05	-0.008383
-0.000321	-0.000256	-4.33E-05	
217	-0.000523	-6.54E-05	-0.011125
-0.000410	-0.000170	-4.24E-05	
218	-0.000523	-6.90E-05	-0.012913
-0.000474	-0.000136	-4.26E-05	
219	-0.000523	-7.08E-05	-0.013404
-0.000503	-0.000276	-4.37E-05	
220	-0.000523	-7.15E-05	-0.012479
-0.000491	-0.000481	-5.15E-05	
221	-0.000523	-6.99E-05	-0.010191
-0.000437	-0.000693	-6.90E-05	
222	-0.000524	-6.54E-05	-0.006780
-0.000337	-0.000880	-8.22E-05	
223	-0.000524	-5.81E-05	-0.002533
-0.000177	-0.000972	-7.97E-05	
224	-0.000525	-5.37E-05	-9.29E-05
-0.000138	-0.000967	-7.67E-05	
225	-0.000525	-4.05E-05	-0.000186
-7.64E-05	-0.000244	-3.82E-05	
226	-0.000488	-3.22E-05	-0.002313
-0.000174	-0.000269	-3.15E-05	
227	-0.000488	-2.09E-05	-0.006074
-0.000371	-0.000295	-3.79E-05	
228	-0.000346	-1.97E-05	-0.009112
-0.000466	-0.000274	-3.71E-05	
229	-0.000489	-3.26E-05	-0.011165
-0.000512	-0.000245	-3.66E-05	
230	-0.000489	-4.83E-05	-0.012005
-0.000519	-0.000236	-3.75E-05	
231	-0.000489	-5.68E-05	-0.011584
-0.000488	-0.000234	-3.46E-05	
232	-0.000488	-5.82E-05	-0.010003
-0.000425	-0.000577	-5.52E-05	
233	-0.000488	-5.59E-05	-0.007566
-0.000331	-0.000684	-6.32E-05	
234	-0.000488	-5.20E-05	-0.004704
-0.000213	-0.000711	-6.66E-05	
235	-0.000488	-4.94E-05	-0.001839
-7.50E-05	-0.000639	-5.65E-05	
236	-0.000487	-5.11E-05	-0.000113
-2.16E-05	-0.000522	-4.45E-05	
237	-0.000487	-5.42E-05	-0.001621
-0.000103	-0.000435	-4.14E-05	
238	-0.000487	-5.84E-05	-0.004093
-0.000242	-0.000346	-5.97E-05	
239	-0.000487	-6.00E-05	-0.006463
-0.000349	-0.000255	-3.54E-05	
240	-0.000487	-6.70E-05	-0.008348
-0.000419	-0.000246	-3.56E-05	
241	-0.000487	-6.95E-05	-0.009361
-0.000447	-0.000223	-3.42E-05	
242	-0.000487	-6.56E-05	-0.009327
-0.000438	-0.000322	-4.15E-05	
243	-0.000487	-5.89E-05	-0.008251
-0.000400	-0.000469	-4.89E-05	
244	-0.000487	-4.90E-05	-0.006336
-0.000324	-0.000576	-5.74E-05	
245	-0.000487	-3.65E-05	-0.003977
-0.000216	-0.000613	-6.15E-05	
246	-0.000487	-2.84E-05	-0.001561
-8.08E-05	-0.000560	-5.49E-05	
247	-0.000487	-2.87E-05	-0.000101
-1.35E-05	-0.000457	-4.58E-05	
248	-0.000487	-3.20E-05	-0.001545
-8.81E-05	-0.000383	-4.49E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000487	-3.85E-05	-0.003928
-0.000226	-0.000313	-4.65E-05	
250	-0.000487	-4.99E-05	-0.006245
-0.000335	-0.000258	-4.68E-05	
251	-0.000486	-5.84E-05	-0.008112
-0.000408	-0.000250	-4.71E-05	
252	-0.000486	-6.12E-05	-0.009139
-0.000441	-0.000228	-4.73E-05	
253	-0.000486	-6.01E-05	-0.009140
-0.000441	-0.000305	-4.91E-05	
254	-0.000485	-5.85E-05	-0.008112
-0.000407	-0.000450	-5.42E-05	
255	-0.000485	-5.15E-05	-0.006246
-0.000333	-0.000559	-5.82E-05	
256	-0.000485	-3.96E-05	-0.003929
-0.000224	-0.000601	-5.72E-05	
257	-0.000485	-3.07E-05	-0.001546
-8.68E-05	-0.000554	-4.67E-05	
258	-0.000485	-2.76E-05	-0.000100
-1.34E-05	-0.000455	-4.57E-05	
259	-0.000485	-2.82E-05	-0.001562
-7.93E-05	-0.000383	-3.23E-05	
260	-0.000485	-3.56E-05	-0.003978
-0.000214	-0.000315	-3.07E-05	
261	-0.000485	-4.67E-05	-0.006337
-0.000322	-0.000286	-3.08E-05	
262	-0.000485	-5.67E-05	-0.008252
-0.000399	-0.000276	-3.43E-05	
263	-0.000485	-6.40E-05	-0.009328
-0.000437	-0.000248	-4.20E-05	
264	-0.000485	-6.69E-05	-0.009362
-0.000446	-0.000292	-5.12E-05	
265	-0.000485	-6.36E-05	-0.008349
-0.000419	-0.000441	-5.08E-05	
266	-0.000485	-5.43E-05	-0.006465
-0.000348	-0.000557	-6.83E-05	
267	-0.000485	-4.14E-05	-0.004097
-0.000242	-0.000608	-7.24E-05	
268	-0.000485	-2.98E-05	-0.001627
-0.000104	-0.000572	-6.64E-05	
269	-0.000485	-2.64E-05	-0.000105
-2.18E-05	-0.000480	-5.31E-05	
270	-0.000484	-2.97E-05	-0.001830
-7.43E-05	-0.000412	-5.25E-05	
271	-0.000484	-4.23E-05	-0.004699
-0.000213	-0.000348	-5.02E-05	
272	-0.000484	-5.47E-05	-0.007564
-0.000332	-0.000256	-4.47E-05	
273	-0.000484	-6.22E-05	-0.010002
-0.000425	-0.000177	-4.13E-05	

274	-0.000484	-6.38E-05	-0.011585
-0.000488	-0.000147	-3.93E-05	
275	-0.000484	-5.97E-05	-0.012005
-0.000519	-0.000251	-3.87E-05	
276	-0.000484	-4.91E-05	-0.011165
-0.000512	-0.000430	-4.62E-05	
277	-0.000484	-4.44E-05	-0.009112
-0.000466	-0.000622	-6.14E-05	
278	-0.000484	-4.59E-05	-0.006074
-0.000371	-0.000789	-7.88E-05	
279	-0.000484	-5.23E-05	-0.002312
-0.000174	-0.000873	-8.40E-05	
280	-0.000484	-5.96E-05	-0.000184
-7.77E-05	-0.000874	-8.90E-05	
281	-0.001090	-7.42E-06	.000000
-0.000152	-0.000259	-6.19E-06	
282	-0.000464	-1.45E-05	.000000
-3.74E-05	-0.000538	-7.80E-06	
283	-0.001000	-6.00E-06	.000000
-2.93E-05	-0.000462	-7.00E-06	
284	.000000	.000000	.000000
-1.09E-05	-0.000457	-6.45E-06	
285	-0.000829	-4.31E-05	.000000
-3.13E-06	-0.000485	-6.99E-06	
286	-0.000457	-9.09E-06	.000000
-0.000123	-0.000553	-6.16E-06	
287	-0.001021	-2.77E-05	.000000
-0.000100	-0.000245	-3.53E-06	
288	-0.000432	-1.43E-05	.000000
-4.52E-05	-0.000501	-2.96E-06	
289	-0.000955	.000000	.000000
-1.82E-05	-0.000430	-2.52E-06	
290	-0.000426	-1.90E-06	.000000
-8.66E-07	-0.000426	-1.90E-06	
291	-0.000776	-4.04E-05	.000000
-1.82E-22	-0.000453	-2.41E-06	
292	-0.000425	-3.31E-05	.000000
-5.88E-07	-0.000883	-7.21E-06	
293	-0.000857	-7.49E-05	.000000
-0.000188	-0.000222	-9.11E-06	
294	-0.000387	-0.000115	.000000
-0.000114	-0.000447	-5.77E-06	
295	-0.000876	-5.66E-05	.000000
-0.000134	-0.000367	-5.46E-06	
296	-4.98E-07	-0.000108	.000000
-5.87E-05	-0.000384	-5.46E-06	
297	-0.000662	-0.000283	.000000
-4.83E-05	-0.000413	-5.30E-06	
298	-0.000354	-0.000204	.000000
-4.05E-05	-0.000767	-5.08E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-1 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000191	3.39E-05	1.04E-08
3.29E-05	0.000339	9.04E-06	
2	0.000191	3.84E-05	0.000257
4.61E-05	0.000332	7.81E-06	
3	0.000191	4.70E-05	0.000703
6.00E-05	0.000289	3.64E-06	
4	0.000191	5.26E-05	0.001101
5.99E-05	0.000218	9.74E-07	
5	0.000191	5.35E-05	0.001430
6.20E-05	0.000139	5.78E-07	
6	0.000191	5.00E-05	0.001668
6.56E-05	6.03E-05	4.33E-07	
7	0.000191	4.24E-05	0.001787
7.01E-05	6.64E-06	3.91E-07	
8	0.000191	3.13E-05	0.001760
7.63E-05	2.39E-05	4.92E-07	
9	0.000191	1.93E-05	0.001559
8.27E-05	6.04E-05	6.49E-07	
10	0.000192	7.79E-06	0.001165
7.50E-05	0.000101	8.31E-07	
11	0.000192	7.18E-06	0.000555
5.14E-05	0.000145	1.09E-06	
12	0.000192	1.11E-05	1.70E-08
3.11E-05	0.000173	1.54E-06	
13	0.000192	1.63E-05	0.000607
3.55E-05	0.000196	2.83E-06	
14	0.000192	2.50E-05	0.001248
5.69E-05	0.000185	2.58E-06	
15	0.000192	3.27E-05	0.001630
6.68E-05	0.000186	1.39E-06	
16	0.000192	3.74E-05	0.001788
6.85E-05	0.000138	9.15E-07	
17	0.000192	3.86E-05	0.001749
6.85E-05	7.51E-05	7.52E-07	
18	0.000193	3.60E-05	0.001558
7.16E-05	5.11E-05	9.82E-07	
19	0.000193	2.99E-05	0.001532
7.74E-05	6.72E-05	1.13E-06	
20	0.000193	2.06E-05	0.001394
7.90E-05	7.38E-05	1.17E-06	
21	0.000193	9.97E-06	0.001065
6.93E-05	8.77E-05	1.11E-06	
22	0.000193	1.47E-06	0.000517
4.57E-05	0.000133	1.10E-06	
23	0.000194	2.00E-06	2.09E-08
2.67E-05	0.000163	1.58E-06	
24	0.000194	6.38E-06	0.000521
4.00E-05	0.000188	3.01E-06	
25	0.000194	1.55E-05	0.001070
6.28E-05	0.000200	2.79E-06	
26	0.000194	2.54E-05	0.001398
7.28E-05	0.000182	1.80E-06	
27	0.000195	3.23E-05	0.001533
7.30E-05	0.000137	1.16E-06	
28	0.000195	3.58E-05	0.001499
7.02E-05	7.46E-05	7.38E-07	
29	0.000195	3.56E-05	0.001498
7.03E-05	4.31E-05	5.55E-07	
30	0.000196	3.19E-05	0.001531
7.32E-05	5.71E-05	6.74E-07	
31	0.000196	2.48E-05	0.001396
7.30E-05	6.29E-05	7.16E-07	
32	0.000196	1.51E-05	0.001069
6.29E-05	8.69E-05	6.83E-07	
33	0.000196	5.98E-06	0.000520
4.00E-05	0.000133	7.96E-07	
34	0.000197	2.15E-06	2.10E-08
2.66E-05	0.000185	1.44E-06	
35	0.000197	1.13E-06	0.000516
4.56E-05	0.000189	2.97E-06	
36	0.000197	8.76E-06	0.001063
6.93E-05	0.000202	2.77E-06	
37	0.000197	1.79E-05	0.001391
7.90E-05	0.000184	1.83E-06	
38	0.000197	2.34E-05	0.001530
7.74E-05	0.000138	1.23E-06	
39	0.000197	2.71E-05	0.001559
7.16E-05	7.57E-05	7.78E-07	
40	0.000197	2.76E-05	0.001751
6.82E-05	4.13E-05	4.82E-07	
41	0.000197	2.51E-05	0.001790
6.80E-05	5.57E-05	5.94E-07	
42	0.000196	1.97E-05	0.001632
6.61E-05	6.22E-05	6.44E-07	
43	0.000196	9.90E-06	0.001250
5.61E-05	0.000101	7.55E-07	
44	0.000195	6.21E-06	0.000608
3.44E-05	0.000154	1.23E-06	
45	0.000194	1.11E-06	1.65E-08
3.24E-05	0.000191	2.02E-06	
46	0.000194	9.91E-06	0.000554
5.24E-05	0.000221	3.20E-06	
47	0.000194	1.75E-05	0.001164
7.58E-05	0.000240	3.16E-06	
48	0.000193	2.97E-05	0.001558
8.33E-05	0.000225	2.77E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000193	4.21E-05	0.001759
7.69E-05	0.000179	2.30E-06	
50	0.000193	5.15E-05	0.001786
7.02E-05	0.000109	1.71E-06	
51	0.000193	5.72E-05	0.001667
6.58E-05	4.01E-05	1.13E-06	
52	0.000193	5.85E-05	0.001430
6.23E-05	5.55E-05	6.04E-07	
53	0.000193	5.57E-05	0.001101
6.03E-05	7.16E-05	3.54E-07	
54	0.000193	4.83E-05	0.000704
6.04E-05	8.37E-05	4.51E-07	
55	0.000194	3.83E-05	0.000258
4.64E-05	9.10E-05	5.88E-07	
56	0.000194	3.29E-05	1.06E-08
3.30E-05	9.23E-05	6.46E-07	
57	0.000182	5.74E-05	8.72E-09
1.26E-05	0.000319	5.16E-07	
58	0.000182	4.42E-05	0.000241
1.42E-05	0.000309	4.78E-07	
59	0.000183	4.01E-05	0.000658
1.83E-05	0.000262	4.03E-07	
60	0.000183	4.00E-05	0.001029
2.17E-05	0.000196	4.28E-07	
61	0.000183	3.78E-05	0.001335
2.43E-05	0.000124	4.38E-07	
62	0.000183	3.26E-05	0.001552
2.57E-05	5.32E-05	4.22E-07	
63	0.000183	2.49E-05	0.001656
2.58E-05	5.59E-06	4.57E-07	
64	0.000183	1.55E-05	0.001623
2.40E-05	2.44E-05	5.09E-07	
65	0.000183	1.25E-05	0.001431
1.97E-05	5.73E-05	7.08E-07	
66	0.000183	1.78E-05	0.001067
1.11E-05	9.33E-05	1.59E-06	
67	0.000183	2.70E-05	0.000511
5.41E-06	0.000133	2.00E-06	
68	0.000183	3.17E-05	1.37E-08
1.49E-05	0.000162	9.52E-07	
69	0.000183	2.87E-05	0.000560
2.20E-05	0.000186	7.09E-07	
70	0.000183	2.35E-05	0.001148
2.79E-05	0.000195	7.84E-07	
71	0.000183	2.62E-05	0.001503
2.90E-05	0.000175	7.20E-07	
72	0.000183	2.81E-05	0.001656
2.68E-05	0.000131	4.73E-07	
73	0.000183	2.76E-05	0.001629
2.26E-05	7.39E-05	6.11E-07	
74	0.000183	2.44E-05	0.001457
2.28E-05	4.70E-05	7.64E-07	
75	0.000183	1.91E-05	0.001409
2.35E-05	6.28E-05	8.62E-07	
76	0.000183	1.38E-05	0.001276
2.17E-05	6.94E-05	9.22E-07	
77	0.000183	1.61E-05	0.000973
1.60E-05	8.03E-05	1.68E-06	
78	0.000184	2.48E-05	0.000476
4.96E-06	0.000122	2.12E-06	
79	0.000184	2.95E-05	1.88E-08
3.04E-06	0.000153	9.95E-07	
80	0.000184	2.61E-05	0.000480
1.13E-05	0.000180	7.07E-07	
81	0.000184	1.88E-05	0.000980
2.01E-05	0.000193	9.11E-07	
82	0.000184	1.85E-05	0.001281
2.38E-05	0.000177	1.02E-06	
83	0.000184	2.24E-05	0.001411
2.39E-05	0.000136	8.68E-07	
84	0.000184	2.45E-05	0.001388
2.18E-05	8.04E-05	6.05E-07	
85	0.000184	2.42E-05	0.001387
2.16E-05	3.92E-05	3.57E-07	
86	0.000185	2.17E-05	0.001411
2.36E-05	5.29E-05	4.23E-07	
87	0.000185	1.76E-05	0.001280
2.34E-05	5.88E-05	7.03E-07	
88	0.000185	1.84E-05	0.000979
1.98E-05	7.96E-05	1.63E-06	
89	0.000185	2.60E-05	0.000479
1.11E-05	0.000122	2.29E-06	
90	0.000185	2.95E-05	1.89E-08
3.02E-06	0.000154	8.61E-07	
91	0.000185	2.49E-05	0.000476
4.88E-06	0.000182	6.42E-07	
92	0.000185	1.58E-05	0.000973
1.57E-05	0.000198	9.07E-07	
93	0.000185	1.15E-05	0.001275
2.13E-05	0.000184	1.07E-06	
94	0.000185	1.28E-05	0.001409

125	0.000157	2.21E-05	0.000484
1.90E-05	0.000142	4.98E-07	
126	0.000157	1.69E-05	0.001024
2.58E-05	0.000142	3.28E-07	
127	0.000157	1.19E-05	0.001368
2.67E-05	0.000123	3.78E-07	
128	0.000157	8.40E-06	0.001526
2.40E-05	8.50E-05	4.07E-07	
129	0.000156	7.31E-06	0.001512
2.00E-05	3.76E-05	4.76E-07	
130	0.000156	8.76E-06	0.001360
2.06E-05	4.20E-05	7.15E-07	
131	0.000156	1.14E-05	0.001288
2.25E-05	5.84E-05	1.01E-06	
132	0.000156	1.48E-05	0.001149
2.32E-05	6.51E-05	1.30E-06	
133	0.000156	1.89E-05	0.000856
2.10E-05	7.64E-05	1.62E-06	
134	0.000156	2.21E-05	0.000402
1.51E-05	0.000107	1.50E-06	
135	0.000155	2.25E-05	1.92E-08
1.35E-05	0.000125	1.03E-06	
136	0.000155	2.09E-05	0.000406
1.68E-05	0.000137	6.14E-07	
137	0.000155	1.74E-05	0.000862
2.32E-05	0.000141	2.95E-07	
138	0.000155	1.26E-05	0.001155
2.46E-05	0.000126	2.90E-07	
139	0.000154	9.12E-06	0.001291
2.29E-05	9.09E-05	3.03E-07	
140	0.000154	7.17E-06	0.001280
1.99E-05	4.45E-05	5.29E-07	
141	0.000154	7.25E-06	0.001281
1.97E-05	3.55E-05	9.71E-07	
142	0.000153	9.56E-06	0.001292
2.25E-05	4.89E-05	1.34E-06	
143	0.000153	1.30E-05	0.001157
2.42E-05	5.48E-05	1.67E-06	
144	0.000153	1.74E-05	0.000864
2.29E-05	7.60E-05	1.90E-06	
145	0.000152	2.09E-05	0.000407
1.67E-05	0.000108	1.67E-06	
146	0.000152	2.22E-05	1.91E-08
1.35E-05	0.000127	1.16E-06	
147	0.000152	2.18E-05	0.000403
1.50E-05	0.000141	5.53E-07	
148	0.000152	1.86E-05	0.000858
2.07E-05	0.000147	2.33E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000152	1.46E-05	0.001151
2.28E-05	0.000134	2.37E-07	
150	0.000152	1.16E-05	0.001290
2.21E-05	0.000100	2.41E-07	
151	0.000152	9.44E-06	0.001360
2.02E-05	5.29E-05	6.33E-07	
152	0.000153	7.74E-06	0.001512
2.02E-05	3.39E-05	1.09E-06	
153	0.000153	9.15E-06	0.001526
2.42E-05	4.77E-05	1.44E-06	
154	0.000154	1.22E-05	0.001368
2.70E-05	5.43E-05	1.72E-06	
155	0.000155	1.70E-05	0.001024
2.62E-05	8.87E-05	1.88E-06	
156	0.000155	2.07E-05	0.000484
1.93E-05	0.000128	1.60E-06	
157	0.000155	2.21E-05	1.74E-08
1.42E-05	0.000152	1.05E-06	
158	0.000156	2.18E-05	0.000436
1.39E-05	0.000171	4.98E-07	
159	0.000156	1.86E-05	0.000944
1.92E-05	0.000184	2.31E-07	
160	0.000156	1.44E-05	0.001295
2.25E-05	0.000173	2.29E-07	
161	0.000156	1.11E-05	0.001487
2.34E-05	0.000139	3.08E-07	
162	0.000155	9.34E-06	0.001529
2.35E-05	8.55E-05	9.55E-07	
163	0.000155	9.46E-06	0.001440
2.30E-05	2.82E-05	1.48E-06	
164	0.000155	9.43E-06	0.001241
2.20E-05	4.78E-05	1.92E-06	
165	0.000155	9.65E-06	0.000958
2.03E-05	6.27E-05	2.36E-06	
166	0.000155	1.83E-05	0.000612
1.78E-05	7.37E-05	3.00E-06	
167	0.000155	3.37E-05	0.000224
1.49E-05	8.00E-05	3.71E-06	
168	0.000155	4.38E-05	1.25E-08
1.57E-05	8.11E-05	3.84E-06	
169	0.000187	3.54E-05	3.59E-06
1.23E-05	0.000411	4.20E-05	
170	0.000187	4.07E-05	0.000249
2.32E-05	0.000447	3.66E-05	
171	0.000187	5.00E-05	0.000680
5.49E-05	0.000452	3.98E-05	
172	0.000187	5.73E-05	0.001066
5.19E-05	0.000391	3.26E-05	
173	0.000187	5.85E-05	0.001384
4.93E-05	0.000317	2.50E-05	
174	0.000187	5.43E-05	0.001612
5.16E-05	0.000245	1.78E-05	
175	0.000187	4.55E-05	0.001724
5.81E-05	0.000185	1.29E-05	
176	0.000187	3.28E-05	0.001694
6.56E-05	0.000175	1.22E-05	
177	0.000187	1.93E-05	0.001498
6.80E-05	0.000192	1.44E-05	
178	0.000187	1.16E-05	0.001117
6.23E-05	0.000220	1.77E-05	
179	0.000187	1.18E-05	0.000527
3.97E-05	0.000206	1.82E-05	
180	0.000188	1.47E-05	4.86E-06
1.83E-05	0.000242	2.01E-05	
181	0.000188	1.91E-05	0.000587
2.72E-05	0.000333	2.62E-05	
182	0.000188	2.92E-05	0.001206
5.13E-05	0.000378	3.03E-05	
183	0.000188	3.85E-05	0.001574
6.02E-05	0.000365	2.82E-05	
184	0.000188	4.45E-05	0.001728
6.01E-05	0.000365	2.34E-05	
185	0.000188	4.56E-05	0.001693
5.75E-05	0.000266	1.71E-05	
186	0.000188	4.26E-05	0.001510
5.97E-05	0.000221	1.32E-05	
187	0.000188	3.52E-05	0.001475
6.45E-05	0.000212	1.26E-05	
188	0.000189	2.48E-05	0.001340
6.52E-05	0.000206	1.27E-05	
189	0.000188	1.57E-05	0.001023
5.52E-05	0.000213	1.44E-05	
190	0.000188	8.20E-06	0.000494
2.74E-05	0.000199	1.54E-05	
191	0.000189	8.46E-06	1.69E-07
9.53E-06	0.000235	1.80E-05	
192	0.000189	1.30E-05	0.000498
2.66E-05	0.000328	2.53E-05	
193	0.000189	2.06E-05	0.001029
5.27E-05	0.000375	3.06E-05	
194	0.000189	3.06E-05	0.001345
6.23E-05	0.000364	2.99E-05	
195	0.000189	3.89E-05	0.001476
6.20E-05	0.000323	2.62E-05	
196	0.000189	4.27E-05	0.001446
5.84E-05	0.000268	2.02E-05	
197	0.000190	4.25E-05	0.001445
5.83E-05	0.000220	1.46E-05	
198	0.000190	3.81E-05	0.001475
6.19E-05	0.000209	1.37E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000190	2.97E-05	0.001343
6.22E-05	0.000201	1.36E-05	
200	0.000190	1.99E-05	0.001028
5.25E-05	0.000213	1.50E-05	
201	0.000190	1.27E-05	0.000497
2.63E-05	0.000199	1.42E-05	
202	0.000189	8.46E-06	1.86E-07
9.52E-06	0.000236	1.57E-05	
203	0.000191	7.82E-06	0.000493
2.71E-05	0.000329	2.17E-05	
204	0.000191	1.44E-05	0.001022
5.48E-05	0.000378	2.53E-05	
205	0.000192	2.02E-05	0.001338
6.49E-05	0.000367	2.37E-05	
206	0.000192	2.88E-05	0.001473
6.43E-05	0.000326	1.97E-05	
207	0.000192	3.38E-05	0.001511
5.95E-05	0.000272	1.42E-05	
208	0.000191	3.48E-05	0.001693
5.76E-05	0.000220	1.11E-05	
209	0.000191	3.18E-05	0.001728
6.02E-05	0.000209	1.08E-05	
210	0.000190	2.49E-05	0.001573
6.03E-05	0.000200	1.08E-05	
211	0.000190	1.75E-05	0.001204
5.15E-05	0.000221	1.36E-05	
212	0.000189	1.04E-05	0.000584
2.73E-05	0.000213	1.52E-05	
213	0.000189	9.21E-06	3.63E-07
1.82E-05	0.000255	1.82E-05	
214	0.000189	1.07E-05	0.000530
3.93E-05	0.000354	2.62E-05	
215	0.000188	1.85E-05	0.001119
6.19E-05	0.000411	3.21E-05	
216	0.000188	3.12E-05	0.001499
6.79E-05	0.000405	3.14E-05	
217	0.000188	4.45E-05	0.001695
6.56E-05	0.000365	2.71E-05	
218	0.000188	5.51E-05	0.001724
5.81E-05	0.000302	2.01E-05	
219	0.000188	6.13E-05	0.001611
5.17E-05	0.000234	1.32E-05	
220	0.000188	6.30E-05	0.001383
4.94E-05	0.000212	1.07E-05	
221	0.000188	5.93E-05	0.001065
5.20E-05	0.000199	9.83E-06	
222	0.000188	5.06E-05	0.000679
5.51E-05	0.000192	9.39E-06	
223	0.000188	3.92E-05	0.000246
2.33E-05	0.000132	6.24E-06	
224	0.000188	3.30E-05	4.59E-06
1.21E-05	9.04E-05	6.99E-06	
225	0.000169	4.77E-05	5.93E-05
1.72E-05	0.000285	3.15E-05	
226	0.000170	6.66E-05	0.000233
1.27E-05	0.000272	2.48E-05	
227	0.000170	2.37E-05	0.000635
1.79E-05	0.000228	2.58E-05	
228	0.000170	1.70E-05	0.000993
2.15E-05	0.000167	1.95E-05	
229	0.000170	1.27E-05	0.001287
2.40E-05	9.91E-05	1.30E-05	
230	0.000170	1.01E-05	0.001494
2.54E-05	3.60E-05	9.90E-06	
231	0.000170	1.04E-05	0.001590
2.58E-05	2.19E-06	9.62E-06	
232	0.000170	1.26E-05	0.001551
2.62E-05	0.000106	9.39E-06	
233	0.000170	1.52E-05	0.001359
2.79E-05	5.76E-05	8.99E-06	
234	0.000170	1.89E-05	0.001001
3.07E-05	9.21E-05	9.37E-06	
235	0.000170	2.41E-05	0.000468
2.51E-05	0.000127	1.11E-05	
236	0.000170	2.58E-05	4.03E-05
2.50E-05	0.000149	1.26E-05	
237	0.000170	2.28E-05	0.000510
4.13E-05	0.000165	1.57E-05	
238	0.000170	1.68E-05	0.001076
4.18E-05	0.000169	1.79E-05	
239	0.000170	1.25E-05	0.001428
3.43E-05	0.000149	1.59E-05	
240	0.000170	9.76E-06	0.001585
2.77E-05	0.000107	1.17E-05	
241	0.000169	8.08E-06	0.001566
2.23E-05	5.42E-05	8.73E-06	
242	0.000169	7.04E-06	0.001406
2.27E-05	4.49E-05	9.60E-06	
243	0.000169	8.41E-06	0.001344
2.53E-05	6.05E-05	1.08E-05	
244	0.000169	1.09E-05	0.001207
2.90E-05	6.73E-05	1.25E-05	
245	0.000169	1.55E-05	0.000909
3.36E-05	7.91E-05	1.45E-05	
246	0.000169	2.14E-05	0.000431
2.98E-05	0.000116	1.65E-05	
247	0.000169	2.36E-05	3.95E-05
1.64E-05	0.000140	1.74E-05	
248	0.000169	2.09E-05	0.000435
3.46E-05	0.000159	2.10E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000169	1.52E-05	0.000915
3.68E-05	0.000168	2.41E-05	
250	0.000169	1.09E-05	0.001213
3.08E-05	0.000152	2.32E-05	
251	0.000169	9.27E-06	0.001346
2.57E-05	0.000113	2.06E-05	
252	0.000169	8.26E-06	0.001331
2.18E-05	6.16E-05	1.71E-05	
253	0.000169	7.88E-06	0.001331
2.15E-05	3.74E-05	1.37E-05	
254	0.000169	8.48E-06	0.001347
2.53E-05	5.08E-05	1.02E-05	
255	0.000169	1.07E-05	0.001213
3.03E-05	5.69E-05	6.96E-06	
256	0.000169	1.52E-05	0.000915
3.61E-05	7.79E-05	5.14E-06	
257	0.000169	2.07E-05	0.000436
3.41E-05	0.000116	4.92E-06	
258	0.000169	2.35E-05	3.94E-05
1.65E-05	0.000141	6.57E-06	
259	0.000169	2.13E-05	0.000432
2.93E-05	0.000161	9.27E-06	
260	0.000168	1.55E-05	0.000909
3.30E-05	0.000173	1.19E-05	
261	0.000168	1.11E-05	0.001208
2.84E-05	0.000160	1.20E-05	
262	0.000168	8.81E-06	0.001345
2.48E-05	0.000123	1.20E-05	
263	0.000168	7.47E-06	0.001406
2.23E-05	7.08E-05	1.38E-05	
264	0.000169	7.01E-06	0.001567
2.24E-05	3.56E-05	1.53E-05	
265	0.000169	7.80E-06	0.001586
2.77E-05	4.95E-05	1.64E-05	
266	0.000169	1.03E-05	0.001429
3.43E-05	5.63E-05	1.68E-05	
267	0.000169	1.48E-05	0.001078
4.19E-05	9.01E-05	1.67E-05	
268	0.000169	2.05E-05	0.000513
4.15E-05	0.000134	1.53E-05	
269	0.000169	2.33E-05	3.95E-05
2.52E-05	0.000165	1.59E-05	
270	0.000169	2.11E-05	0.000466
2.48E-05	0.000191	1.95E-05	
271	0.000169	1.54E-05	0.001000
3.06E-05	0.000210	2.26E-05	
272	0.000169	1.14E-05	0.001358
2.79E-05	0.000201	2.10E-05	
273	0.000169	1.06E-05	0.001550
2.62E-05	0.000164	1.67E-05	
274	0.000168	1.17E-05	0.001589
2.58E-05	0.000107	1.20E-05	
275	0.000168	1.36E-05	0.001493
2.53E-05	4.36E-05	1.06E-05	
276	0.000168	1.55E-05	0.001287
2.39E-05	4.95E-05	1.01E-05	
277	0.000168	1.87E-05	0.000993
2.14E-05	6.48E-05	9.72E-06	
278	0.000168	2.36E-05	0.000636
1.78E-05	7.61E-05	9.50E-06	
279	0.000168	3.47E-05	0.000235
1.27E-05	8.29E-05	7.89E-06	
280	0.000168	4.57E-05	5.92E-05
1.72E-05	8.42E-05	9.67E-06	
281	0.000199	5.23E-06	.000000
3.87E-05	0.000339	9.04E-06	
282	0.000207	6.51E-06	.000000
2.92E-05	0.000174	1.54E-06	
283	0.000251	.000000	.000000
2.66E-05	0.000163	1.58E-06	
284	0.000300	5.00E-06	.000000
2.02E-05	0.000165	1.44E-06	
285	0.000375	1.95E-05	.000000
1.68E-05	0.000193	2.02E-06	
286	0.000323	6.43E-06	.000000
3.34E-05	9.32E-05	6.46E-07	
287	0.000190	1.90E-05	.000000
2.47E-05	0.000330	5.16E-07	
288	0.000198	4.04E-06	.000000
1.46E-05	0.000162	9.52E-07	
289	0.000239	.000000	.000000
3.04E-06	0.000153	9.95E-07	
290	.000000	.000000	.000000
1.61E-22	0.000154	8.61E-07	
291	0.000300	5.16E-07	.000000
-6.43E-22	0.000179	1.22E-06	
292	0.000305	2.37E-05	.000000
3.68E-22	8.75E-05	5.11E-06	
293	0.000169	4.11E-05	.000000
3.85E-05	0.000239	5.97E-07	
294	0.000165	2.58E-05	.000000
2.47E-05	0.000132	1.03E-06	
295	0.000206	1.66E-05	.000000
2.83E-05	0.000122	1.03E-06	
296	4.62E-07	3.75E-05	.000000
1.01E-05	0.000127	1.16E-06	
297	0.000287	8.94E-05	.000000
-9.56E-22	0.000148	1.15E-06	
298	0.000207	8.44E-05	.000000
6.10E-06	8.30E-05	3.84E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000189	-3.79E-05	-7.10E-08
-3.53E-05	-9.24E-05	-3.96E-07	
2	-0.000189	-1.90E-05	-0.000935
-3.55E-05	-9.11E-05	-3.25E-07	
3	-0.000189	-1.11E-05	-0.002499
-3.33E-05	-8.38E-05	-1.28E-07	
4	-0.000189	-1.10E-05	-0.003750
-2.76E-05	-7.17E-05	-1.25E-07	
5	-0.000189	-1.08E-05	-0.004580
-2.29E-05	-5.56E-05	-7.11E-07	
6	-0.000190	-1.03E-05	-0.004913
-1.56E-05	-4.02E-05	-1.36E-06	
7	-0.000190	-9.07E-06	-0.004732
-1.09E-05	-0.000109	-2.02E-06	
8	-0.000190	-7.19E-06	-0.004079
-9.49E-06	-0.000179	-2.61E-06	
9	-0.000190	-5.62E-06	-0.003077
-6.02E-06	-0.000226	-3.13E-06	
10	-0.000190	-1.59E-05	-0.001899
-2.94E-06	-0.000240	-3.55E-06	
11	-0.000190	-3.27E-05	-0.000727
-3.05E-06	-0.000221	-3.43E-06	
12	-0.000190	-4.09E-05	-9.33E-08
-6.12E-06	-0.000191	-1.99E-06	
13	-0.000190	-3.90E-05	-0.000647
-8.51E-06	-0.000154	-8.61E-07	
14	-0.000190	-3.54E-05	-0.001657
-1.14E-05	-0.000101	-5.23E-07	
15	-0.000190	-3.36E-05	-0.002630
-1.32E-05	-5.23E-05	-1.35E-07	
16	-0.000190	-3.16E-05	-0.003400
-1.25E-05	-5.58E-05	-3.26E-07	
17	-0.000190	-2.84E-05	-0.003818
-8.66E-06	-4.13E-05	-5.61E-07	
18	-0.000190	-2.41E-05	-0.003804
-5.36E-06	-3.67E-05	-7.05E-06	
19	-0.000191	-1.88E-05	-0.003364
-6.82E-06	-0.000138	-1.65E-06	
20	-0.000191	-1.33E-05	-0.002581
-5.81E-06	-0.000184	-2.21E-06	
21	-0.000191	-1.47E-05	-0.001611
-3.20E-06	-0.000202	-2.93E-06	
22	-0.000195	-2.51E-05	-0.000621
-6.10E-07	-0.000189	-3.04E-06	
23	-0.000192	-3.20E-05	-8.50E-08
-1.67E-06	-0.000164	-1.69E-06	
24	-0.000192	-2.92E-05	-0.000615
-4.06E-06	-0.000133	-8.91E-07	
25	-0.000192	-2.26E-05	-0.001594
-7.34E-06	-8.70E-05	-6.58E-07	
26	-0.000193	-2.16E-05	-0.002548
-9.45E-06	-6.28E-05	-6.45E-07	
27	-0.000193	-2.09E-05	-0.003312
-9.36E-06	-5.70E-05	-6.02E-07	
28	-0.000193	-1.95E-05	-0.003735
-6.58E-06	-4.31E-05	-4.94E-07	
29	-0.000195	-1.78E-05	-0.003735
-6.64E-06	-7.47E-05	-7.68E-07	
30	-0.000194	-1.91E-05	-0.003310
-9.38E-06	-0.000137	-1.20E-06	
31	-0.000194	-1.99E-05	-0.002546
-9.44E-06	-0.000182	-1.80E-06	
32	-0.000192	-2.15E-05	-0.001592
-7.34E-06	-0.000200	-2.76E-06	
33	-0.000195	-2.88E-05	-0.000614
-4.12E-06	-0.000188	-2.96E-06	
34	-0.000196	-3.19E-05	-8.50E-08
-1.79E-06	-0.000163	-1.42E-06	
35	-0.000196	-2.53E-05	-0.000620
-5.94E-07	-0.000133	-1.81E-07	
36	-0.000195	-1.34E-05	-0.001610
-3.11E-06	-8.75E-05	-7.95E-07	
37	-0.000195	-1.01E-05	-0.002579
-5.66E-06	-7.39E-05	-8.31E-07	
38	-0.000195	-1.31E-05	-0.003362
-6.66E-06	-6.73E-05	-7.80E-07	
39	-0.000193	-1.67E-05	-0.003803
-5.20E-06	-5.12E-05	-6.39E-07	
40	-0.000195	-1.93E-05	-0.003818
-8.32E-06	-7.51E-05	-7.32E-07	
41	-0.000194	-2.07E-05	-0.003399
-1.21E-05	-0.000138	-1.16E-06	
42	-0.000194	-2.10E-05	-0.002630
-1.29E-05	-0.000186	-1.82E-06	
43	-0.000194	-2.13E-05	-0.001657
-1.10E-05	-0.000206	-2.81E-06	
44	-0.000193	-2.79E-05	-0.000646
-9.45E-06	-0.000196	-3.02E-06	
45	-0.000193	-3.05E-05	-9.27E-08
-7.62E-06	-0.000173	-1.69E-06	
46	-0.000193	-2.68E-05	-0.000727
-3.62E-06	-0.000145	-9.72E-07	
47	-0.000193	-2.06E-05	-0.001900
-2.97E-06	-0.000101	-6.43E-07	
48	-0.000192	-2.23E-05	-0.003077
-5.97E-06	-6.03E-05	-4.77E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000192	-2.42E-05	-0.004080
-9.63E-06	-2.39E-05	-3.25E-07	
50	-0.000192	-2.53E-05	-0.004733
-1.12E-05	-6.66E-06	-3.01E-07	
51	-0.000192	-2.56E-05	-0.004913
-1.61E-05	-6.04E-05	-4.37E-07	
52	-0.000192	-2.50E-05	-0.004580
-2.35E-05	-0.000139	-7.06E-07	
53	-0.000192	-2.43E-05	-0.003750
-2.76E-05	-0.000218	-1.28E-06	
54	-0.000192	-2.18E-05	-0.002499
-3.32E-05	-0.000289	-3.71E-06	
55	-0.000192	-2.35E-05	-0.000935
-3.54E-05	-0.000332	-7.86E-06	
56	-0.000192	-3.87E-05	-7.10E-08
-3.50E-05	-0.000339	-9.08E-06	
57	-0.000181	-6.75E-06	-2.04E-07
-5.79E-05	-8.70E-05	-5.19E-06	
58	-0.000181	-7.04E-06	-0.000883
-8.26E-05	-8.58E-05	-4.38E-06	
59	-0.000181	-6.87E-06	-0.002355
-0.000128	-7.88E-05	-1.97E-06	
60	-0.000181	-5.87E-06	-0.003541
-0.000160	-6.71E-05	-8.10E-07	
61	-0.000181	-4.37E-06	-0.004341
-0.000174	-5.14E-05	-1.02E-06	
62	-0.000181	-2.97E-06	-0.004668
-0.000172	-5.69E-05	-1.49E-06	
63	-0.000181	-2.14E-06	-0.004496
-0.000157	-0.000125	-1.85E-06	
64	-0.000181	-2.25E-06	-0.003869
-0.000132	-0.000187	-2.03E-06	
65	-0.000181	-2.64E-06	-0.002909
-9.93E-05	-0.000225	-1.95E-06	
66	-0.000181	-4.09E-06	-0.001789
-6.48E-05	-0.000235	-1.53E-06	
67	-0.000181	-9.41E-06	-0.000681
-3.46E-05	-0.000212	-1.05E-06	
68	-0.000181	-1.29E-05	-2.49E-07
-2.75E-05	-0.000179	-1.19E-06	
69	-0.000181	-1.73E-05	-0.000612
-5.18E-05	-0.000142	-2.16E-06	
70	-0.000181	-2.25E-05	-0.001583
-8.81E-05	-9.25E-05	-1.67E-06	
71	-0.000181	-2.44E-05	-0.002524
-0.000120	-5.82E-05	-7.51E-07	
72	-0.000181	-2.37E-05	-0.003276
-0.000142	-5.15E-05	-4.77E-07	
73	-0.000181	-2.13E-05	-0.003682
-0.000151	-3.74E-05	-7.59E-07	
74	-0.000181	-1.79E-05	-0.003668
-0.000146	-8.84E-05	-1.11E-06	
75	-0.000181	-1.39E-05	-0.003239
-0.000131	-0.000145	-1.38E-06	
76	-0.000181	-9.50E-06	-0.002475
-0.000104	-0.000184	-1.46E-06	
77	-0.000181	-5.13E-06	-0.001537
-7.22E-05	-0.000198	-1.25E-06	
78	-0.000182	-1.38E-06	-0.000588
-3.99E-05	-0.000182	-9.29E-07	
79	-0.000182	-3.65E-06	-2.48E-07
-2.46E-05	-0.000155	-1.07E-06	
80	-0.000182	-7.00E-06	-0.000582
-4.51E-05	-0.000122	-2.10E-06	
81	-0.000182	-1.13E-05	-0.001521
-7.95E-05	-7.96E-05	-1.64E-06	
82	-0.000182	-1.35E-05	-0.002444
-0.000111	-5.88E-05	-7.00E-07	
83	-0.000182	-1.38E-05	-0.003190
-0.000136	-5.25E-05	-3.43E-07	
84	-0.000182	-1.30E-05	-0.003602
-0.000148	-3.92E-05	-3.96E-07	
85	-0.000183	-1.17E-05	-0.003601
-0.000148	-8.04E-05	-6.71E-07	
86	-0.000183	-1.20E-05	-0.003190
-0.000135	-0.000136	-9.24E-07	
87	-0.000183	-1.17E-05	-0.002443
-0.000111	-0.000177	-1.04E-06	
88	-0.000183	-9.81E-06	-0.001521
-7.92E-05	-0.000193	-8.79E-07	
89

126	-0.000156	-1.57E-05	-0.001209
-8.18E-05	-8.87E-05	-2.03E-06	
127	-0.000156	-1.91E-05	-0.001893
-0.000117	-5.42E-05	-1.98E-06	
128	-0.000156	-2.34E-05	-0.002429
-0.000142	-4.76E-05	-1.77E-06	
129	-0.000156	-2.54E-05	-0.002714
-0.000152	-3.38E-05	-1.43E-06	
130	-0.000155	-2.86E-05	-0.002703
-0.000150	-5.30E-05	-9.38E-07	
131	-0.000155	-2.87E-05	-0.002398
-0.000133	-0.000100	-2.74E-07	
132	-0.000155	-2.50E-05	-0.001852
-0.000105	-0.000134	-2.33E-07	
133	-0.000155	-1.79E-05	-0.001170
-6.86E-05	-0.000147	-2.39E-07	
134	-0.000155	-1.04E-05	-0.000461
-2.99E-05	-0.000141	-5.14E-07	
135	-0.000155	-6.89E-06	-2.06E-08
-1.61E-05	-0.000127	-1.09E-06	
136	-0.000155	-5.69E-06	-0.000455
-3.66E-05	-0.000108	-1.63E-06	
137	-0.000154	-9.85E-06	-0.001152
-7.52E-05	-7.59E-05	-1.90E-06	
138	-0.000154	-1.85E-05	-0.001819
-0.000111	-5.49E-05	-1.73E-06	
139	-0.000153	-2.46E-05	-0.002348
-0.000137	-4.89E-05	-1.44E-06	
140	-0.000153	-2.77E-05	-0.002639
-0.000151	-3.56E-05	-1.08E-06	
141	-0.000153	-2.81E-05	-0.002639
-0.000151	-4.64E-05	-6.19E-07	
142	-0.000153	-2.57E-05	-0.002349
-0.000137	-9.09E-05	-2.58E-07	
143	-0.000152	-2.00E-05	-0.001820
-0.000111	-0.000126	-2.69E-07	
144	-0.000151	-1.14E-05	-0.001153
-7.50E-05	-0.000141	-2.65E-07	
145	-0.000151	-4.79E-06	-0.000456
-3.65E-05	-0.000137	-5.58E-07	
146	-0.000150	-6.07E-06	-2.06E-08
-1.62E-05	-0.000125	-1.16E-06	
147	-0.000151	-1.01E-05	-0.000462
-2.97E-05	-0.000108	-1.67E-06	
148	-0.000151	-1.87E-05	-0.001172
-6.82E-05	-7.65E-05	-1.88E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000151	-2.73E-05	-0.001853
-0.000105	-6.51E-05	-1.65E-06	
150	-0.000151	-3.30E-05	-0.002399
-0.000133	-5.84E-05	-1.31E-06	
151	-0.000152	-3.53E-05	-0.002703
-0.000149	-4.29E-05	-9.51E-07	
152	-0.000152	-3.44E-05	-0.002715
-0.000152	-3.76E-05	-5.20E-07	
153	-0.000152	-3.06E-05	-0.002429
-0.000142	-8.50E-05	-3.06E-07	
154	-0.000152	-2.38E-05	-0.001893
-0.000117	-0.000123	-2.94E-07	
155	-0.000153	-1.49E-05	-0.001209
-8.24E-05	-0.000142	-2.71E-07	
156	-0.000152	-7.09E-06	-0.000483
-4.39E-05	-0.000142	-4.85E-07	
157	-0.000153	-4.99E-06	-2.69E-08
-2.30E-05	-0.000133	-1.00E-06	
158	-0.000153	-8.25E-06	-0.000554
-2.34E-05	-0.000117	-1.48E-06	
159	-0.000153	-1.57E-05	-0.001417
-6.41E-05	-8.84E-05	-1.60E-06	
160	-0.000153	-2.26E-05	-0.002268
-0.000105	-5.65E-05	-1.27E-06	
161	-0.000153	-2.63E-05	-0.002978
-0.000140	-2.53E-05	-9.45E-07	
162	-0.000153	-2.62E-05	-0.003432
-0.000165	-1.98E-06	-6.38E-07	
163	-0.000153	-2.30E-05	-0.003548
-0.000179	-2.26E-05	-4.52E-07	
164	-0.000153	-2.04E-05	-0.003293
-0.000180	-7.99E-05	-4.49E-07	
165	-0.000153	-1.59E-05	-0.002684
-0.000167	-4.56E-05	-4.56E-07	
166	-0.000153	-1.29E-05	-0.001780
-0.000136	-0.000196	-4.55E-07	
167	-0.000153	-1.38E-05	-0.000662
-9.00E-05	-0.000231	-4.44E-07	
168	-0.000153	-1.43E-05	-9.85E-09
-6.80E-05	-0.000237	-4.39E-07	
169	-0.000185	-9.68E-06	-0.000106
-6.38E-05	-8.99E-05	-9.12E-06	
170	-0.000185	-9.44E-06	-0.000966
-6.75E-05	-0.000132	-7.33E-06	
171	-0.000185	-8.92E-06	-0.002542
-8.53E-05	-0.000192	-9.26E-06	
172	-0.000185	-8.37E-06	-0.003821
-9.33E-05	-0.000199	-9.72E-06	
173	-0.000185	-7.60E-06	-0.004697
-9.03E-05	-0.000212	-1.00E-05	
174	-0.000185	-6.49E-06	-0.005046
-8.28E-05	-0.000234	-1.11E-05	
175	-0.000185	-4.96E-06	-0.004857
-6.95E-05	-0.000302	-1.80E-05	
176	-0.000185	-3.08E-06	-0.004164
-5.61E-05	-0.000365	-2.48E-05	
177	-0.000185	-2.45E-06	-0.003122
-4.15E-05	-0.000405	-2.88E-05	
178	-0.000185	-3.23E-06	-0.001922
-3.31E-05	-0.000410	-2.91E-05	
179	-0.000186	-1.81E-06	-0.000736
-2.57E-05	-0.000355	-2.30E-05	
180	-0.000186	-2.12E-05	-6.08E-05
-2.70E-05	-0.000255	-1.49E-05	
181	-0.000186	-2.59E-05	-0.000674
-3.59E-05	-0.000213	-1.27E-05	
182	-0.000186	-2.90E-05	-0.001712
-4.54E-05	-0.000221	-1.10E-05	
183	-0.000186	-2.94E-05	-0.002725
-5.37E-05	-0.000200	-9.55E-06	
184	-0.000186	-2.79E-05	-0.003550
-5.76E-05	-0.000209	-1.01E-05	
185	-0.000186	-2.50E-05	-0.003997
-5.59E-05	-0.000221	-1.19E-05	
186	-0.000186	-2.11E-05	-0.003982
-5.15E-05	-0.000272	-1.62E-05	
187	-0.000186	-1.64E-05	-0.003510
-4.47E-05	-0.000326	-2.27E-05	
188	-0.000186	-1.13E-05	-0.002673
-3.21E-05	-0.000367	-2.70E-05	
189	-0.000186	-7.62E-06	-0.001663
-2.42E-05	-0.000378	-2.82E-05	
190	-0.000186	-4.30E-06	-0.000645
-1.80E-05	-0.000329	-2.34E-05	
191	-0.000187	-9.25E-06	-5.95E-05
-1.38E-05	-0.000236	-1.62E-05	
192	-0.000187	-1.33E-05	-0.000640
-1.88E-05	-0.000199	-1.39E-05	
193	-0.000187	-1.67E-05	-0.001647
-2.59E-05	-0.000213	-1.25E-05	
194	-0.000187	-1.78E-05	-0.002642
-3.57E-05	-0.000201	-1.09E-05	
195	-0.000188	-1.76E-05	-0.003461
-4.34E-05	-0.000209	-1.09E-05	
196	-0.000188	-1.64E-05	-0.003914
-4.52E-05	-0.000220	-1.11E-05	
197	-0.000188	-1.47E-05	-0.003914
-4.52E-05	-0.000268	-1.41E-05	
198	-0.000188	-1.58E-05	-0.003460
-4.33E-05	-0.000323	-1.95E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000188	-1.61E-05	-0.002641
-3.56E-05	-0.000364	-4.23E-05	
200	-0.000189	-1.53E-05	-0.001645
-2.57E-05	-0.000375	-2.51E-05	
201	-0.000189	-1.27E-05	-0.000639
-1.84E-05	-0.000327	-2.17E-05	
202	-0.000189	-9.25E-06	-5.94E-05
-1.38E-05	-0.000235	-1.57E-05	
203	-0.000189	-4.28E-06	-0.000645
-1.79E-05	-0.000198	-1.42E-05	
204	-0.000189	-5.83E-06	-0.001662
-2.40E-05	-0.000213	-1.50E-05	
205	-0.000189	-7.41E-06	-0.002671
-3.19E-05	-0.000206	-1.37E-05	
206	-0.000189	-1.08E-05	-0.003509
-4.45E-05	-0.000212	-1.19E-05	
207	-0.000189	-1.37E-05	-0.003981
-5.14E-05	-0.000221	-1.50E-05	
208	-0.000189	-1.59E-05	-0.003996
-5.58E-05	-0.000266	-2.03E-05	
209	-0.000188	-1.71E-05	-0.003549
-5.76E-05	-0.000322	-2.65E-05	
210	-0.000188	-1.71E-05	-0.002723
-5.37E-05	-0.000365	-3.04E-05	
211	-0.000188	-1.54E-05	-0.001709
-4.53E-05	-0.000378	-3.14E-05	
212	-0.000188	-1.14E-05	-0.000671
-3.55E-05	-0.000333	-2.62E-05	
213	-0.000188	-7.64E-06	-5.95E-05
-2.65E-05	-0.000242	-1.90E-05	
214	-0.000187	-1.10E-05	-0.000740
-2.58E-05	-0.000206	-1.64E-05	
215	-0.000187	-1.52E-05	-0.001925
-3.33E-05	-0.000219	-1.53E-05	
216	-0.000187	-1.81E-05	-0.003125
-4.17E-05	-0.000192	-1.64E-05	
217	-0.000187	-2.00E-05	-0.004166
-5.61E-05	-0.000175	-9.72E-06	
218	-0.000187	-2.12E-05	-0.004859
-6.96E-05	-0.000185	-1.12E-05	
219	-0.000187	-2.17E-05	-0.005047
-8.27E-05	-0.000245	-1.49E-05	
220	-0.000187	-2.15E-05	-0.004698
-9.02E-05	-0.000317	-2.26E-05	
221	-0.000187	-2.08E-05	-0.003821
-9.33E-05	-0.000391	-3.04E-05	
222	-0.000187	-1.97E-05	-0.002542
-8.52E-05	-0.000452	-3.74E-05	
223	-0.000187	-1.81E-05	-0.000967
-6.75E-05	-0.000447	-3.46E-05	
224	-0.000187	-1.72E-05	-0.000107
-6.40E-05	-0.000411	-3.90E-05	
225	-0.000168	-6.90E-06	-3.02E-05
-7.96E-06	-8.46E-05	-1.15E-05	
226	-0.000168	-6.63E-06	-0.000797
-7.13E-05	-8.31E-05	-9.34E-06	
227	-0.000169	-5.50E-06	-0.002091
-0.000162	-7.62E-05	-1.07E-05	
228	-0.000169	-3.88E-06	-0.003133
-0.000202	-6.49E-05	-1.00E-05	
229	-0.000169	-2.66E-06	-0.003831
-0.000218	-4.96E-05	-9.96E-06	
230	-0.000168	-5.56E-06	-0.004117
-0.000216	-4.36E-05	-9.85E-06	
231	-0.000169	-8.95E-06	-0.003974
-0.000200	-0.000107	-1.14E-05	
232	-0.000169	-1.29E-05	-0.003441
-0.000172	-0.000164	-1.62E-05	
233	-0.000168	-1.47E-05	-0.002607
-0.000131	-0.000201	-1.64E-05	
234	-0.000168	-1.40E-05	-0.001621
-7.92E-05	-0.000210	-2.21E-05	
235	-0.000168	-1.35E-05	-0.000633
-1.88E-05	-0.000190	-1.91E-05	
236	-0.000168	-1.39E-05	-1.70E-05
-2.48E-06	-0.000165	-1.52E-05	
237	-0.000168	-1.58E-05	-0.000555
-3.74E-05	-0.000135	-1.33E-05	
238	-0.000168	-1.84E-05	-0.001406
-9.95E-05	-9.03E-05	-1.04E-05	
239	-0.000168	-1.97E-05	-0.002221
-0.000147	-5.62E-05	-8.77E-06	
240	-0.000168	-1.93E-05	-0.002861
-0.000178	-3.95E-05	-1.04E-05	
241	-0.000168	-1.76E-05	-0.003203
-0.000191	-3.56E-05	-9.48E-06	
242	-0.000168	-1.51E-05	-0.003191
-0.000187	-7.08E-05	-1.01E-05	
243	-0.000168	-1.34E-05	-0.002828
-0.000169	-0.000123	-1.35E-05	
244	-0.000169	-1.04E-05	-0.002177
-0.000134	-0.000160	-1.72E-05	
245	-0.000168	-5.73E-06	-0.001366
-8.53E-05	-0.000173	-1.90E-05	
246	-0.000168	-3.97E-06	-0.000535
-2.48E-05	-0.000161	-1.67E-05	
247	-0.000168	-4.39E-06	-1.22E-05
-1.93E-06	-0.000141	-1.41E-05	
248	-0.000168	-5.84E-06	-0.000529
-3.07E-05	-0.000116	-1.43E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000168	-8.00E-06	-0.001349
-9.20E-05	-7.79E-05	-1.61E-05	
250	-0.000168	-9.76E-06	-0.002144
-0.000141	-6.06E-05	-1.63E-05	
251	-0.000168	-1.16E-05	-0.002779
-0.000174	-5.08E-05	-1.60E-05	
252	-0.000168	-1.20E-05	-0.003126
-0.000189	-3.74E-05	-1.51E-05	
253	-0.000167	-1.14E-05	-0.003126
-0.000189	-6.12E-05	-1.36E-05	
254	-0.000167	-1.09E-05	-0.002779
-0.000173	-0.000113	-1.18E-05	
255	-0.000167	-9.24E-06	-0.002145
-0.000140	-0.000152	-1.18E-05	
256	-0.000167	-6.76E-06	-0.001349
-9.14E-05	-0.000168	-1.17E-05	
257	-0.000168	-4.02E-06	-0.000530
-3.02E-05	-0.000159	-9.13E-06	
258	-0.000167	-4.04E-06	-1.22E-05
-1.94E-06	-0.000140	-6.47E-06	
259	-0.000167	-4.39E-06	-0.000535
-2.42E-05	-0.000116	-5.05E-06	
260	-0.000167	-6.50E-06	-0.001367
-8.47E-05	-0.000167	-5.93E-06	
261	-0.000167	-9.59E-06	-0.002177
-0.000134	-6.73E-05	-7.03E-06	
262	-0.000167	-1.18E-05	-0.002828
-0.000169	-6.05E-05	-1.03E-05	
263	-0.000167	-1.34E-05	-0.003192
-0.000187	-4.50E-05	-1.38E-05	
264	-0.000167	-1.38E-05	-0.003204
-0.000190	-5.42E-05	-1.73E-05	
265	-0.000167	-1.30E-05	-0.002861
-0.000178	-0.000107	-2.09E-05	
266	-0.000167	-1.08E-05	-0.002221
-0.000147	-0.000149	-2.37E-05	
267	-0.000167	-7.55E-06	-0.001408
-9.94E-05	-0.000169	-2.48E-05	
268	-0.000167	-4.86E-06	-0.000558
-3.76E-05	-0.000165	-2.19E-05	
269	-0.000167	-4.90E-06	-1.35E-05
-2.41E-06	-0.000149	-1.84E-05	
270	-0.000167	-5.72E-06	-0.000630
-1.86E-05	-0.000128	-1.76E-05	
271	-0.000167	-7.34E-06	-0.001619
-7.93E-05	-9.22E-05	-1.59E-05	
272	-0.000167	-1.06E-05	-0.002607
-0.000132	-5.77E-05	-1.38E-05	
273	-0.000167	-1.22E-05	-0.003441
-0.000172	-2.54E-05	-1.21E-05	
274	-0.000167	-1.25E-05	-0.003975
-0.000200	-2.23E-06	-1.09E-05	
275	-0.000167	-1.37E-05	-0.004118
-0.000216	-3.60E-05	-9.69E-06	
276	-0.000167	-1.45E-05	-0.003831
-0.000218	-9.91E-05	-1.20E-05	
277	-0.000167	-1.51E-05	-0.003134
-0.000202	-0.000167	-1.88E-05	
278	-0.000167	-1.54E-05	-0.002091
-0.000162	-0.000228	-2.52E-05	
279	-0.000167	-1.58E-05	-0.000796
-7.13E-05	-0.000272	-2.44E-05	
280	-0.000167	-1.60E-05	-2.95E-05
-8.33E-06	-0.000285	-3.09E-05	
281	-0.000395	-2.64E-06	.000000
-3.24E-05	-0.000094	-1.96E-07	
282	-0.000172	-5.39E-06	.000000
-4.64E-06	-0.000191	-1.99E-06	
283	-0.000362	.000000	.000000
-1.67E-06	-0.000164	-1.69E-06	
284	.000000	.000000	.000000
3.64E-23	-0.000163	-1.42E-06	
285	-0.000094	-1.53E-05	.000000
-1.04E-21	-0.000173	-1.69E-06	
286	-0.000163	-3.25E-06	.000000
-2.21E-05	-0.000340	-9.08E-06	
287	-0.000368	-9.84E-06	.000000
-5.64E-05	-8.46E-05	-5.19E-06	
288	-0.000155	-5.16E-06	.000000
-3.09E-05	-0.000179	-1.19E-06	
289	-0.000339	.000000	.000000
-2.46E-05	-0.000155	-1.07E-06	
290	.000000	.000000	.000000
-2.01E-05	-0.000154	-8.53E-07	
291	-0.000277	-1.44E-05	.000000
-1.61E-05	-0.000163	-1.07E-06	
292	-0.000152	-1.19E-05	.000000
-2.41E-05	-0.000324	-8.99E-07	
293	-0.000286	-2.65E-21	.000000
-5.48E-05	-7.70E-05	-4.16E-06	
294	-0.000123	-2.42E-05	.000000
-2.84E-05	-0.000149	-1.15E-06	
295	-0.000282	-7.43E-06	.000000
-3.78E-05	0.000121	-1.09E-06	
296	-9.76E-07	-1.78E-05	.000000
-9.76E-06	-0.000126	-1.16E-06	
297	-0.000223	-8.45E-05	.000000
-1.06E-05	-0.000135	-1.00E-06	
298	-0.000120	-3.72E-05	.000000
-4.00E-06	-0.000244	-4.33E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000337	4.64E-05	2.67E-08
3.65E-05	0.000571	6.88E-06	
2	0.000337	4.27E-05	0.000474
6.59E-05	0.000352	5.90E-06	
3	0.000336	4.67E-05	0.001294
0.000130	0.000495	2.96E-06	
4	0.000337	4.74E-05	0.002024
0.000167	0.000379	1.08E-06	
5	0.000337	4.40E-05	0.002626
0.000192	0.000242	8.98E-07	
6	0.000337	3.84E-05	0.003053
0.000208	0.000103	9.50E-07	
7	0.000337	3.17E-05	0.003257
0.000213	8.68E-06	1.07E-06	
8	0.000337	2.24E-05	0.003188
0.000208	4.54E-05	1.31E-06	
9	0.000337	1.64E-05	0.002801
0.000190	0.000112	1.51E-06	
10	0.000337	1.10E-05	0.002069
0.000148	0.000184	1.98E-06	
11	0.000338	1.37E-05	0.000971
8.80E-05	0.000256	2.25E-06	
12	0.000338	1.81E-05	4.10E-08
4.92E-05	0.000300	1.89E-06	
13	0.000338	1.99E-05	0.001071
5.10E-05	0.000334	2.41E-06	
14	0.000338	2.53E-05	0.002229
0.000107	0.000348	2.27E-06	
15	0.000337	2.96E-05	0.002942
0.000151	0.000312	1.45E-06	
16	0.000338	3.07E-05	0.003251
0.000179	0.000230	1.24E-06	
17	0.000338	2.92E-05	0.003199
0.000194	0.000121	1.38E-06	
18	0.000338	2.78E-05	0.002862
0.000200	9.07E-05	1.80E-06	
19	0.000338	2.34E-05	0.002767
0.000196	0.000122	2.14E-06	
20	0.000338	1.74E-05	0.002495
0.000174	0.000135	2.33E-06	
21	0.000338	9.56E-06	0.001884
0.000132	0.000159	2.59E-06	
22	0.000338	3.05E-06	0.000901
7.40E-05	0.000234	2.68E-06	
23	0.000339	6.46E-06	4.73E-08
3.79E-05	0.000281	2.24E-06	
24	0.000339	1.01E-05	0.000909
6.15E-05	0.000318	2.72E-06	
25	0.000339	1.91E-05	0.001896
0.000119	0.000335	2.27E-06	
26	0.000339	2.66E-05	0.002504
0.000163	0.000302	1.59E-06	
27	0.000339	3.14E-05	0.002769
0.000187	0.000223	1.42E-06	
28	0.000339	3.31E-05	0.002726
0.000197	0.000116	1.28E-06	
29	0.000339	3.18E-05	0.002726
0.000197	7.66E-05	1.29E-06	
30	0.000339	2.88E-05	0.002769
0.000187	0.000103	1.60E-06	
31	0.000340	2.42E-05	0.002504
0.000162	0.000115	1.77E-06	
32	0.000340	1.72E-05	0.001895
0.000119	0.000159	1.97E-06	
33	0.000340	9.72E-06	0.000908
6.15E-05	0.000235	2.21E-06	
34	0.000340	6.57E-06	4.73E-08
3.77E-05	0.000283	1.88E-06	
35	0.000340	2.78E-06	0.000901
7.36E-05	0.000320	2.69E-06	
36	0.000340	8.59E-06	0.001883
0.000132	0.000336	2.27E-06	
37	0.000340	1.54E-05	0.002493
0.000174	0.000303	1.68E-06	
38	0.000340	2.02E-05	0.002765
0.000195	0.000223	1.51E-06	
39	0.000340	2.24E-05	0.002864
0.000200	0.000115	1.41E-06	
40	0.000340	2.13E-05	0.003202
0.000194	7.44E-05	1.20E-06	
41	0.000340	1.89E-05	0.003254
0.000178	0.000102	1.49E-06	
42	0.000340	1.38E-05	0.002944
0.000150	0.000114	1.67E-06	
43	0.000340	1.15E-05	0.002231
0.000105	0.000136	2.01E-06	
44	0.000339	1.13E-05	0.001071
4.90E-05	0.000276	2.41E-06	
45	0.000339	1.56E-05	4.04E-08
5.23E-05	0.000333	2.54E-06	
46	0.000339	1.77E-05	0.000971
9.03E-05	0.000378	3.31E-06	
47	0.000339	2.63E-05	0.002069
0.000149	0.000403	3.06E-06	
48	0.000339	3.58E-05	0.002801
0.000191	0.000372	2.61E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000338	4.38E-05	0.003188
0.000209	0.000287	2.51E-06	
50	0.000338	4.96E-05	0.003257
0.000214	0.000163	2.49E-06	
51	0.000338	5.28E-05	0.003054
0.000209	6.86E-05	2.18E-06	
52	0.000338	5.58E-05	0.002627
0.000193	0.000103	1.69E-06	
53	0.000338	5.63E-05	0.002025
0.000168	0.000133	1.32E-06	
54	0.000339	5.27E-05	0.001295
0.000131	0.000155	1.81E-06	
55	0.000339	4.49E-05	0.000474
6.69E-05	0.000168	3.58E-06	
56	0.000340	4.49E-05	2.71E-08
3.89E-05	0.000170	4.10E-06	
57	0.000351	5.78E-05	1.64E-08
3.87E-05	0.000619	3.27E-06	
58	0.000351	5.30E-05	0.000463
4.48E-05	0.000604	2.97E-06	
59	0.000351	5.52E-05	0.001265
6.65E-05	0.000522	1.86E-06	
60	0.000351	5.82E-05	0.001980
8.68E-05	0.000400	8.43E-07	
61	0.000351	5.77E-05	0.002569
0.000100	0.000262	6.06E-07	
62	0.000352	4.99E-05	0.002987
0.000105	0.000124	7.01E-07	
63	0.000352	3.75E-05	0.003187
0.000102	2.18E-05	8.04E-07	
64	0.000352	2.17E-05	0.003122
9.41E-05	4.36E-05	8.85E-07	
65	0.000352	8.56E-06	0.002753
8.72E-05	0.000107	1.07E-06	
66	0.000352	1.33E-05	0.002054
7.12E-05	0.000177	1.73E-06	
67	0.000352	2.14E-05	0.000985
4.82E-05	0.000255	2.31E-06	
68	0.000352	2.69E-05	2.61E-08
4.17E-05	0.000313	1.85E-06	
69	0.000352	2.91E-05	0.001079
4.79E-05	0.000361	2.29E-06	
70	0.000352	3.42E-05	0.002209
6.35E-05	0.000382	2.18E-06	
71	0.000352	4.19E-05	0.002892
7.74E-05	0.000347	1.61E-06	
72	0.000352	4.66E-05	0.003187
8.65E-05	0.000264	1.02E-06	
73	0.000352	4.62E-05	0.003135
9.13E-05	0.000153	1.29E-06	
74	0.000352	4.06E-05	0.002805
9.15E-05	8.93E-05	1.57E-06	
75	0.000353	3.04E-05	0.002713
8.55E-05	0.000120	1.74E-06	
76	0.000353	1.77E-05	0.002455
7.14E-05	0.000133	1.82E-06	
77	0.000353	8.45E-06	0.001874
5.34E-05	0.000154	2.24E-06	
78	0.000353	1.05E-05	0.000917
3.30E-05	0.000234	2.57E-06	
79	0.000353	1.51E-05	3.57E-08
2.26E-05	0.000295	1.88E-06	
80	0.000354	1.69E-05	0.000924
3.40E-05	0.000347	2.22E-06	
81	0.000354	2.05E-05	0.001886
5.49E-05	0.000374	2.35E-06	
82	0.000354	2.81E-05	0.002465
7.25E-05	0.000344	2.06E-06	
83	0.000354	3.64E-05	0.002716
8.47E-05	0.000265	1.66E-06	
84	0.000355	4.08E-05	0.002671
8.94E-05	0.000182	1.18E-06	
85	0.000355	4.04E-05	0.002671
8.92E-05	7.56E-05	8.91E-07	
86	0.000355	3.55E-05	0.002715
8.43E-05	0.000102	1.02E-06	
87	0.000356	2.69E-05	0.002464
7.21E-05	0.000113	1.25E-06	
88	0.000356	1.88E-05	0.001885
5.45E-05	0.000154	1.71E-06	
89	0.000356	1.64E-05	0.000923
3.39E-05	0.000235	2.28E-06	
90	0.000357	1.52E-05	3.58E-08
2.27E-05	0.000297	1.65E-06	
91	0.000357	1.08E-05	0.000916
3.30E-05	0.000351	2.11E-06	
92	0.000357	7.71E-06	0.001873
5.33E-05	0.000379	2.33E-06	
93	0.000357	1.10E-05	0.002455
7.10E-05	0.000350	2.14E-06	
94	0.000357

127	0.000334	2.00E-05	0.002828
2.63E-05	0.000288	8.54E-07	
128	0.000334	1.87E-05	0.003125
2.25E-05	0.000207	9.93E-07	
129	0.000334	2.00E-05	0.003076
1.82E-05	0.000103	1.29E-06	
130	0.000334	2.00E-05	0.002752
1.89E-05	8.81E-05	1.68E-06	
131	0.000334	1.81E-05	0.002661
2.35E-05	0.000118	2.03E-06	
132	0.000334	1.48E-05	0.002400
2.52E-05	0.000131	2.22E-06	
133	0.000334	1.09E-05	0.001813
2.10E-05	0.000155	2.28E-06	
134	0.000334	1.00E-05	0.000868
9.87E-06	0.000228	2.18E-06	
135	0.000334	1.08E-05	3.91E-08
8.03E-06	0.000273	2.00E-06	
136	0.000331	1.33E-05	0.000875
1.05E-05	0.000308	1.72E-06	
137	0.000334	1.76E-05	0.001825
2.17E-05	0.000324	1.35E-06	
138	0.000334	2.10E-05	0.002410
2.46E-05	0.000292	1.09E-06	
139	0.000333	2.33E-05	0.002665
2.19E-05	0.000316	1.00E-06	
140	0.000333	2.42E-05	0.002623
1.80E-05	0.000113	9.94E-07	
141	0.000333	2.34E-05	0.002623
1.77E-05	7.48E-05	1.26E-06	
142	0.000332	2.17E-05	0.002665
2.16E-05	0.000101	1.59E-06	
143	0.000332	1.95E-05	0.002410
2.41E-05	0.000112	1.81E-06	
144	0.000332	1.67E-05	0.001825
2.13E-05	0.000155	1.86E-06	
145	0.000332	1.31E-05	0.000875
1.02E-05	0.000230	1.84E-06	
146	0.000332	1.09E-05	3.90E-08
7.98E-06	0.000277	1.71E-06	
147	0.000332	9.24E-06	0.000868
9.73E-06	0.000314	1.50E-06	
148	0.000332	9.97E-06	0.001813
2.05E-05	0.000334	1.16E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000332	1.30E-05	0.002400
2.46E-05	0.000305	9.54E-07	
150	0.000332	1.56E-05	0.002661
2.30E-05	0.000230	1.02E-06	
151	0.000333	1.66E-05	0.002752
1.85E-05	0.000126	1.12E-06	
152	0.000333	1.56E-05	0.003075
1.81E-05	7.28E-05	1.46E-06	
153	0.000334	1.33E-05	0.003125
2.27E-05	9.91E-05	1.56E-06	
154	0.000334	1.28E-05	0.002828
2.67E-05	0.000111	1.75E-06	
155	0.000334	1.30E-05	0.002143
2.62E-05	0.000181	1.81E-06	
156	0.000334	1.78E-05	0.001029
1.85E-05	0.000270	1.96E-06	
157	0.000334	2.08E-05	3.26E-08
1.51E-05	0.000327	1.90E-06	
158	0.000334	2.28E-05	0.000934
1.61E-05	0.000374	1.74E-06	
159	0.000334	2.41E-05	0.001988
2.42E-05	0.000406	1.54E-06	
160	0.000334	2.81E-05	0.002689
3.08E-05	0.000383	1.43E-06	
161	0.000333	3.22E-05	0.003059
3.16E-05	0.000307	1.66E-06	
162	0.000333	3.50E-05	0.003123
2.84E-05	0.000191	1.94E-06	
163	0.000333	3.66E-05	0.002926
2.24E-05	6.69E-05	2.01E-06	
164	0.000333	3.58E-05	0.002515
2.35E-05	0.000100	2.24E-06	
165	0.000333	3.29E-05	0.001937
2.41E-05	0.000129	2.41E-06	
166	0.000333	3.45E-05	0.001237
2.43E-05	0.000150	2.75E-06	
167	0.000333	4.08E-05	0.000452
2.38E-05	0.000163	3.27E-06	
168	0.000333	4.70E-05	1.99E-08
2.48E-05	0.000164	3.37E-06	
169	0.000344	4.44E-05	3.49E-05
2.13E-05	0.000664	7.28E-05	
170	0.000344	4.89E-05	0.000470
3.59E-05	0.000699	6.10E-05	
171	0.000344	5.74E-05	0.001280
0.000156	0.000676	6.50E-05	
172	0.000344	6.28E-05	0.002003
0.000195	0.000563	5.20E-05	
173	0.000344	6.27E-05	0.002597
0.000215	0.000427	3.77E-05	
174	0.000344	5.70E-05	0.003020
0.000229	0.000291	2.53E-05	
175	0.000344	4.59E-05	0.003222
0.000236	0.000181	1.98E-05	
176	0.000344	3.05E-05	0.003155
0.000231	0.000185	1.99E-05	
177	0.000344	1.48E-05	0.002778
0.000205	0.000232	2.12E-05	
178	0.000345	1.06E-05	0.002061
0.000154	0.000293	2.71E-05	
179	0.000345	1.40E-05	0.000969
6.85E-05	0.000317	2.95E-05	2.38E-05
180	0.000345	1.88E-05	
1.83E-05	0.000374	3.25E-05	
181	0.000345	2.38E-05	0.001078
3.84E-05	0.000479	4.14E-05	
182	0.000345	3.38E-05	0.002225
0.000121	0.000532	4.75E-05	
183	0.000345	4.33E-05	0.002922
0.000174	0.000503	4.38E-05	
184	0.000345	4.91E-05	0.003222
0.000205	0.000422	3.56E-05	
185	0.000345	4.98E-05	0.003169
0.000219	0.000315	2.58E-05	
186	0.000345	4.53E-05	0.002834
0.000224	0.000244	2.09E-05	
187	0.000345	3.58E-05	0.002741
0.000218	0.000258	2.01E-05	
188	0.000345	2.28E-05	0.002478
0.000192	0.000259	2.04E-05	
189	0.000345	9.80E-06	0.001882
0.000137	0.000276	2.10E-05	
190	0.000346	1.95E-06	0.000906
4.97E-05	0.000300	2.36E-05	
191	0.000346	4.58E-06	1.71E-05
3.72E-06	0.000360	2.69E-05	
192	0.000346	1.07E-05	0.000913
4.34E-05	0.000467	3.62E-05	
193	0.000346	2.07E-05	0.001893
0.000129	0.000521	4.27E-05	
194	0.000346	3.28E-05	0.002487
0.000183	0.000495	4.01E-05	
195	0.000346	4.19E-05	0.002744
0.000211	0.000418	3.36E-05	
196	0.000347	4.65E-05	0.002699
0.000221	0.000313	2.38E-05	
197	0.000347	4.59E-05	0.002699
0.000221	0.000242	2.35E-05	
198	0.000347	4.06E-05	0.002743
0.000211	0.000245	2.49E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000347	3.13E-05	0.002487
0.000182	0.000244	2.76E-05	
200	0.000347	1.93E-05	0.001892
0.000128	0.000277	3.22E-05	
201	0.000347	9.66E-06	0.000912
4.27E-05	0.000303	3.38E-05	
202	0.000348	4.60E-06	1.71E-05
3.72E-06	0.000363	3.61E-05	
203	0.000348	1.66E-06	0.000905
4.90E-05	0.000470	4.52E-05	
204	0.000277	8.85E-06	0.001880
0.000137	0.000524	5.05E-05	
205	0.000349	1.61E-05	0.002477
0.000191	0.000497	4.60E-05	
206	0.000349	2.59E-05	0.002740
0.000217	0.000418	3.69E-05	
207	0.000349	3.18E-05	0.002835
0.000223	0.000313	2.46E-05	
208	0.000348	3.30E-05	0.003169
0.000219	0.000242	1.55E-05	
209	0.000348	2.94E-05	0.003222
0.000205	0.000245	1.32E-05	
210	0.000347	2.11E-05	0.002920
0.000174	0.000244	1.50E-05	
211	0.000347	1.36E-05	0.002222
0.000121	0.000300	2.21E-05	
212	0.000346	1.25E-05	0.001072
3.84E-05	0.000337	2.73E-05	
213	0.000346	1.51E-05	1.72E-05
1.78E-05	0.000406	3.19E-05	
214	0.000346	1.80E-05	0.000975
6.81E-05	0.000522	4.30E-05	
215	0.000345	2.63E-05	0.002064
0.000153	0.000586	5.15E-05	
216	0.000345	3.50E-05	0.002780
0.000205	0.000564	4.94E-05	
217	0.000345	5.10E-05	0.003157
0.000231	0.000482	4.12E-05	
218	0.000345	6.37E-05	0.003222
0.000236	0.000362	3.01E-05	
219	0.000345	7.15E-05	0.003020
0.000229	0.000245	2.38E-05	
220	0.000345	7.38E-05	0.002597
0.000216	0.000250	2.23E-05	
221	0.000345	7.01E-05	0.002001
0.000195	0.000253	2.22E-05	
222	0.000345	6.11E-05	0.001278
0.000156	0.000257	2.21E-05	
223	0.000345	4.96E-05	0.000466
3.60E-05	0.000207	1.75E-05	
224	0.000346	4.31E-05	3.59E-05
2.07E-05	0.000169	2.10E-05	
225	0.000342	5.35E-05	3.20E-05
3.38E-05	0.000664	6.49E-05	
226	0.000342	4.98E-05	0.000457
3.06E-05	0.000684	5.54E-05	
227	0.000342	4.75E-05	0.001250
5.00E-05	0.000647	5.97E-05	
228	0.000343	4.83E-05	0.001958
6.60E-05	0.000531	4.75E-05	
229	0.000343	4.75E-05	0.002541
7.63E-05	0.000396	3.42E-05	
230	0.000343	4.23E-05	0.002955
7.91E-05	0.000268	2.24E-05	
231	0.000343	3.36E-05	0.003154
7.49E-05	0.000178	1.91E-05	
232	0.000343	2.21E-05	0.003090
7.21E-05	0.000190	1.75E-05	
233	0.000343	1.52E-05	0.002720
6.82E-05	0.000235	1.70E-05	
234	0.000343	1.54E-05	0.002017
6.53E-05	0.000294	2.23E-05	
235	0.000343	2.07E-05	0.000945
5.29E-05	0.000319	2.52E-05	
236	0.000343	2.42E-05	2.06E-05
5.39E-05	0.000374	2.88E-05	
237	0.000343	2.65E-05	0.001032
6.72E-05	0.000473	3.82E-05	
238	0.000343	3.08E-05	0.002166
6.72E-05	0.000519	4.47E-05	
239	0.000343	3.64E-05	0.002855
6.00E-05	0.000486	4.16E-05	
240	0.000343	3.99E-05	0.003153
5.73E-05	0.000405	3.34E-05	
241	0.000343	3.98E-05	0.003103
5.77E-05	0.000301	2.43E-05	
242	0.000343	3.54E-05	0.002777
5.59E-05	0.000251	2.02E-05	
243	0.000343	2.76E-05	0.002685
5.54E-05	0.000258	2.04E-05	
244	0.000343	1.76E-05	0.002425
5.53E-05	0.000258	2.21E-05	
245	0.000343	1.27E-05	0.001837
5.66E-05	0.000276	2.55E-05	
246	0.000343	9.43E-06	0.000874
4.98E-05	0.000301	2.87E-05	
247	0.000343	1.24E-05	1.77E-05
3.48E-05	0.000357	3.17E-05	
248	0.000343	1.39E-05	0.000882
5.31E-05	0.000460	4.12E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000343	1.83E-05	0.001849
5.39E-05	0.000513	4.83E-05	
250	0.000343	2.54E-05	0.002435
4.91E-05	0.000487	4.59E-05	
251	0.000344	3.24E-05	0.002688
4.78E-05	0.000411	3.91E-05	
252	0.000344	3.63E-05	0.002646
4.74E-05	0.000310	3.11E-05	
253	0.000344	3.59E-05	0.002645
4.71E-05	0.000239	2.41E-05	
254	0.000344	3.13E-05	0.002688
4.74E-05	0.000243	1.83E-05	
255	0.000344	2.46E-05	0.002434
4.84E-05	0.000242	1.54E-05	
256	0.000344	1.77E-05	0.001848
5.30E-05	0.000274	1.56E-05	
257	0.000344	1.34E-05	0.000881
5.24E-05	0.000301	1.85E-05	
258	0.000344	1.22E-05	1.76E-05
3.47E-05	0.000358	2.29E-05	
259	0.000344	9.32E-06	0.000874
4.91E-05	0.000463	3.27E-05	
260	0.000344	8.30E-06	0.001836
5.57E-05	0.000521	4.05E-05	
261	0.000344	1.16E-05	0.002424
5.45E-05	0.000518	3.97E-05	
262	0.000345	1.82E-05	0.002684
5.48E-05	0.000423	3.44E-05	
263	0.000345	2.29E-05	0.002777
5.55E-05	0.000320	2.95E-05	
264	0.000345	2.39E-05	0.003103
5.76E-05	0.000236	2.95E-05	
265	0.000345	2.10E-05	0.003154
5.73E-05	0.000240	2.88E-05	
266	0.000344	1.57E-05	0.002857
6.00E-05	0.000239	2.84E-05	
267	0.000344	1.23E-05	0.002169
6.72E-05	0.000294	2.84E-05	
268	0.000344	1.76E-05	0.001037
6.76E-05	0.000332	2.93E-05	
269	0.000344	2.18E-05	1.78E-05
5.52E-05	0.000399	3.24E-05	
270	0.000343	2.30E-05	0.000941
5.26E-05	0.000514	4.31E-05	
271	0.000343	2.30E-05	0.002014
6.53E-05	0.000585	5.16E-05	
272	0.000342	2.66E-05	0.002718
6.82E-05	0.000571	4.93E-05	
273	0.000342	3.70E-05	0.003089
7.21E-05	0.000496	4.13E-05	
274	0.000342	4.72E-05	0.003153
7.49E-05	0.000381	3.04E-05	
275	0.000342	5.33E-05	0.002955
7.91E-05	0.000254	2.16E-05	
276	0.000342	5.45E-05	0.002541
7.62E-05	0.000238	1.89E-05	
277	0.000342	5.21E-05	0.001958
6.59E-05	0.000247	1.75E-05	
278	0.000342	4.78E-05	0.001252
4.99E-05	0.000253	1.84E-05	
279	0.000342	4.70E-05	0.000460
3.07E-05	0.000204	1.58E-05	
280	0.000342	5.07E-05	3.21E-05
3.43E-05	0.000166	1.95E-05	
281	0.000353	8.85E-06	.000000
4.28E-05	0.000571	6.88E-06	
282	0.000360	1.13E-05	.000000
4.78E-05	0.000301	1.89E-05	
283	0.000443	.000000	.000000
3.79E-05	0.000281	2.24E-06	
284	.000000	.000000	.000000
2.50E-05	0.000284	1.88E-06	
285	0.000660	3.43E-05	.000000
2.17E-05	0.000336	2.54E-06	
286	0.000293	1.05E-05	.000000
3.46E-05	0.000171	4.10E-06	
287	0.000366	3.68E-05	.000000
6.56E-05	0.000619	3.27E-06	
288	0.000381	7.86E-06	.000000
4.23E-05	0.000312	1.85E-06	
289	0.000459	.000000	.000000
2.26E-05	0.000295	1.88E-06	
290	.000000	.000000	.000000
9.55E-06	0.000298	1.65E-06	
291	0.000676	3.52E-05	.000000
5.63E-06	0.000346	2.21E-06	
292	0.000590	4.59E-05	.000000
1.56E-05	0.000170	3.38E-06	
293	0.000351	1.11E-05	.000000
6.17E-05	0.000544	2.01E-06	
294	0.000355	3.35E-06	.000000
3.12E-05	0.000289	1.40E-06	
295	0.000432	7.73E-06	.000000
4.61E-05	0.000270	2.00E-06	
296	2.13E-06	1.62E-05	.000000
2.03E-22	0.000277	1.71E-06	
297	0.000618	0.000164	.000000
3.21E-22	0.000316	1.90E-06	
298	0.000497	0.000109	.000000
-1.74E-21	0.000164	3.37E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000335	-3.85E-05	-7.76E-08
-4.87E-05	-0.000170	-3.83E-06	
2	-0.000335	-3.00E-05	-0.001569
-4.06E-05	-0.000168	-3.37E-06	
3	-0.000334	-2.88E-05	-0.004202
-2.83E-05	-0.000155	-1.79E-06	
4	-0.000335	-3.21E-05	-0.006315
-2.87E-05	-0.000133	-1.85E-06	
5	-0.000335	-3.38E-05	-0.007725
-2.70E-05	-0.000103	-2.33E-06	
6	-0.000335	-3.41E-05	-0.008300
-2.17E-05	-6.87E-05	-2.77E-06	
7	-0.000335	-3.27E-05	-0.008008
-1.88E-05	-0.000163	-3.00E-06	
8	-0.000335	-3.77E-05	-0.006922
-2.31E-05	-0.000287	-2.97E-06	
9	-0.000335	-4.23E-05	-0.005240
-2.60E-05	-0.000372	-3.13E-06	
10	-0.000335	-4.93E-05	-0.003251
-2.48E-05	-0.000403	-3.68E-06	
11	-0.000335	-6.15E-05	-0.001255
-1.61E-05	-0.000378	-3.70E-06	
12	-0.000335	-6.75E-05	-1.14E-07
-1.04E-05	-0.000333	-2.53E-06	
13	-0.000335	-6.42E-05	-0.001106
-1.37E-05	-0.000276	-2.13E-06	
14	-0.000335	-5.85E-05	-0.002807
-2.11E-05	-0.000186	-1.71E-06	
15	-0.000335	-5.90E-05	-0.004429
-2.46E-05	-0.000114	-1.46E-06	
16	-0.000335	-5.89E-05	-0.005708
-2.26E-05	-0.000102	-1.52E-06	
17	-0.000335	-5.63E-05	-0.006397
-1.72E-05	-0.000353	-2.67E-06	
18	-0.000335	-5.11E-05	-0.006372
-1.31E-05	-0.000115	-2.03E-06	
19	-0.000335	-4.32E-05	-0.005642
-1.90E-05	-0.000223	-2.06E-06	
20	-0.000335	-3.32E-05	-0.004340
-2.27E-05	-0.000303	-2.39E-06	
21	-0.000335	-3.45E-05	-0.002723
-2.16E-05	-0.000336	-2.68E-06	
22	-0.000335	-4.18E-05	-0.001060
-1.08E-05	-0.000320	-3.03E-06	
23	-0.000335	-4.55E-05	-9.78E-08
-5.39E-06	-0.000283	-2.18E-06	
24	-0.000335	-4.23E-05	-0.001048
-9.79E-06	-0.000235	-2.24E-06	
25	-0.000336	-4.07E-05	-0.002688
-2.09E-05	-0.000159	-1.90E-06	
26	-0.000336	-4.36E-05	-0.004276
-2.34E-05	-0.000115	-1.68E-06	
27	-0.000336	-4.51E-05	-0.005543
-2.05E-05	-0.000103	-1.66E-06	
28	-0.000336	-4.43E-05	-0.006241
-1.48E-05	-7.68E-05	-1.22E-06	
29	-0.000337	-4.19E-05	-0.006241
-1.47E-05	-0.000116	-1.37E-06	
30	-0.000337	-4.27E-05	-0.005543
-2.02E-05	-0.000223	-1.47E-06	
31	-0.000337	-4.13E-05	-0.004275
-2.31E-05	-0.000302	-1.71E-06	
32	-0.000337	-3.91E-05	-0.002688
-2.06E-05	-0.000335	-2.23E-06	
33	-0.000337	-4.17E-05	-0.001048
-9.85E-06	-0.000318	-2.65E-06	
34	-0.000337	-4.52E-05	-9.78E-08
-5.48E-06	-0.000281	-1.95E-06	
35	-0.000338	-4.23E-05	-0.001060
-1.03E-05	-0.000234	-2.30E-06	
36	-0.000338	-3.60E-05	-0.002723
-2.10E-05	-0.000159	-2.12E-06	
37	-0.000338	-3.47E-05	-0.004340
-2.21E-05	-0.000335	-2.91E-06	
38	-0.000337	-3.57E-05	-0.005642
-1.85E-05	-0.000122	-1.71E-06	
39	-0.000337	-4.17E-05	-0.006372
-1.28E-05	-9.08E-05	-1.38E-06	
40	-0.000337	-4.51E-05	-0.006397
-1.69E-05	-0.000121	-1.24E-06	
41	-0.000337	-4.57E-05	-0.005709
-2.23E-05	-0.000230	-1.42E-06	
42	-0.000337	-4.36E-05	-0.004430
-2.44E-05	-0.000312	-1.72E-06	
43	-0.000336	-3.99E-05	-0.002807
-2.09E-05	-0.000348	-2.35E-06	
44	-0.000336	-4.17E-05	-0.001106
-1.21E-05	-0.000334	-2.86E-06	
45	-0.000336	-4.23E-05	-1.13E-07
-1.25E-05	-0.000300	-2.11E-06	
46	-0.000335	-4.05E-05	-0.001256
-1.70E-05	-0.000255	-2.10E-06	
47	-0.000335	-3.97E-05	-0.003252
-2.52E-05	-0.000183	-1.72E-06	
48	-0.000335	-4.58E-05	-0.005241
-2.61E-05	-0.000112	-1.34E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000335	-5.07E-05	-0.006922
-2.31E-05	-4.54E-05	-1.14E-06	
50	-0.000334	-5.36E-05	-0.008008
-1.93E-05	-8.69E-06	-9.00E-07	
51	-0.000334	-5.46E-05	-0.008300
-2.26E-05	-0.000103	-8.77E-07	
52	-0.000334	-5.38E-05	-0.007725
-2.81E-05	-0.000242	-1.29E-06	
53	-0.000334	-5.10E-05	-0.006314
-3.01E-05	-0.000379	-1.45E-06	
54	-0.000335	-4.51E-05	-0.004202
-3.02E-05	-0.000495	-3.18E-06	
55	-0.000335	-3.90E-05	-0.001569
-4.02E-05	-0.000562	-6.13E-06	
56	-0.000336	-4.54E-05	-7.76E-08
-4.80E-05	-0.000571	-7.03E-06	
57	-0.000348	-3.39E-05	-4.17E-07
-8.07E-05	-0.000167	-3.44E-06	
58	-0.000348	-2.84E-05	-0.001702
-9.01E-05	-0.000165	-2.97E-06	
59	-0.000348	-2.18E-05	-0.004541
-0.000114	-0.000153	-1.55E-06	
60	-0.000349	-1.82E-05	-0.006825
-0.000128	-0.000131	-9.62E-07	
61	-0.000349	-1.57E-05	-0.008368
-0.000131	-0.000101	-1.56E-06	
62	-0.000349	-1.45E-05	-0.008997
-0.000123	-9.28E-05	-2.36E-06	
63	-0.000349	-1.41E-05	-0.008666
-0.000108	-0.000220	-3.12E-06	
64	-0.000349	-1.36E-05	-0.007457
-8.73E-05	-0.000341	-3.58E-06	
65	-0.000349	-1.35E-05	-0.005607
-6.66E-05	-0.000421	-3.58E-06	
66	-0.000349	-2.12E-05	-0.003449
-5.04E-05	-0.000444	-3.13E-06	
67	-0.000349	-3.42E-05	-0.001313
-3.38E-05	-0.000405	-2.52E-06	
68	-0.000349	-4.17E-05	-5.17E-07
-2.74E-05	-0.000344	-2.06E-06	
69	-0.000349	-4.69E-05	-0.001180
-4.24E-05	-0.000275	-2.68E-06	
70	-0.000349	-5.05E-05	-0.003052
-7.09E-05	-0.000180	-1.67E-06	
71	-0.000349	-5.06E-05	-0.004867
-9.29E-05	-0.000113	-8.34E-07	
72	-0.000349	-4.80E-05	-0.006319
-0.000105	-0.000100	-8.00E-07	
73	-0.000349	-4.27E-05	-0.007101
-0.000106	-7.32E-05	-1.35E-06	
74	-0.000349	-3.57E-05	-0.007075
-9.89E-05	-0.000162	-2.02E-06	
75	-0.000349	-2.95E-05	-0.006247
-8.63E-05	-0.000272	-2.59E-06	
76	-0.000349	-2.34E-05	-0.004773
-6.72E-05	-0.000350	-2.86E-06	
77	-0.000350	-2.14E-05	-0.002965
-4.66E-05	-0.000379	-2.87E-06	
78	-0.000350	-2.04E-05	-0.001133
-2.44E-05	-0.000351	-2.53E-06	
79	-0.000350	-2.01E-05	-5.17E-07
-1.26E-05	-0.000298	-2.00E-06	
80	-0.000350	-3.12E-05	-0.001123
-2.75E-05	-0.000235	-2.44E-06	
81	-0.000351	-3.36E-05	-0.002934
-5.51E-05	-0.000154	-1.65E-06	
82	-0.000351	-3.37E-05	-0.004714
-7.78E-05	-0.000113	-1.18E-06	
83	-0.000351	-3.24E-05	-0.006154
-9.34E-05	-0.000102	-9.19E-07	
84	-0.000352	-2.97E-05	-0.006947
-0.000100	-7.55E-05	-8.61E-07	
85	-0.000352	-2.75E-05	-0.006947
-0.000100	-0.000156	-1.72E-06	
86	-0.000352	-2.98E-05	-0.006154
-9.30E-05	-0.000265	-1.73E-06	
87	-0.000353	-3.13E-05	-0.004713
-7.74E-05	-0.000344	-2.07E-06	
88	-0.000353	-3.18E-05	-0.002933
-5.47E-05	-0.000374	-2.29E-06	
89	-0.000354	-3.04E-05	-0.001122
-2.73E-05	-0.000347	-2.09E-06	
90	-0.000354	-2.72E-05	-5.17E-07
-1.27E-05	-0.000295	-1.64E-06	
91	-0.000354	-2.13E-05	-0.001132
-2.43E-05	-0.000234	-2.28E-06	
92	-0.000354	-1.87E-05	-0.002964
-4.64E-05	-0.000154	-1.40E-06	
93	-0.000354	-1.83E-05	-0.004773
-6.68E-05	-0.000133	-1.33E-06	
94	-0.000353	-2.08E-05	-0.006246
-8.59E-05	-0.000120	-1.12E-06	
95	-0.000

128	-0.000332	-5.15E-05	-0.005500
-0.000232	-9.91E-05	-2.04E-06	
129	-0.000332	-4.99E-05	-0.006163
-0.000240	-7.25E-05	-1.91E-06	
130	-0.000332	-4.49E-05	-0.006139
-0.000234	-0.000126	-1.74E-06	
131	-0.000332	-3.97E-05	-0.005437
-0.000216	-0.000230	-1.45E-06	
132	-0.000332	-3.81E-05	-0.004182
-0.000183	-0.000305	-1.25E-06	
133	-0.000332	-3.61E-05	-0.002624
-0.000134	-0.000334	-1.12E-06	
134	-0.000332	-3.26E-05	-0.001021
-7.51E-05	-0.000314	-1.54E-06	
135	-0.000332	-3.09E-05	-9.56E-08
-5.35E-05	-0.000277	-1.73E-06	
136	-0.000332	-3.06E-05	-0.001010
-8.72E-05	-0.000230	-1.83E-06	
137	-0.000332	-3.44E-05	-0.002590
-0.000147	-0.000155	-1.79E-06	
138	-0.000332	-3.88E-05	-0.004119
-0.000195	-0.000112	-1.75E-06	
139	-0.000331	-4.10E-05	-0.005341
-0.000224	-0.000101	-1.55E-06	
140	-0.000331	-4.06E-05	-0.006013
-0.000237	-7.48E-05	-1.39E-06	
141	-0.000331	-3.87E-05	-0.006013
-0.000237	-0.000113	-1.10E-06	
142	-0.000330	-3.94E-05	-0.005341
-0.000224	-0.000216	-9.94E-07	
143	-0.000330	-3.75E-05	-0.004119
-0.000195	-0.000292	-1.14E-06	
144	-0.000329	-3.36E-05	-0.002590
-0.000147	-0.000324	-1.23E-06	
145	-0.000329	-2.94E-05	-0.001010
-8.69E-05	-0.000308	-1.53E-06	
146	-0.000329	-3.02E-05	-9.57E-08
-5.35E-05	-0.000273	-1.76E-06	
147	-0.000329	-3.22E-05	-0.001022
-7.50E-05	-0.000228	-1.89E-06	
148	-0.000329	-3.75E-05	-0.002624
-0.000134	-0.000155	-1.94E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000330	-4.17E-05	-0.004182
-0.000183	-0.000131	-1.88E-06	
150	-0.000330	-4.30E-05	-0.005436
-0.000216	-0.000118	-1.65E-06	
151	-0.000330	-4.14E-05	-0.006138
-0.000234	-8.81E-05	-1.31E-06	
152	-0.000330	-4.04E-05	-0.006162
-0.000240	-0.000103	-9.76E-07	
153	-0.000330	-4.05E-05	-0.005499
-0.000233	-0.000207	-1.00E-06	
154	-0.000330	-3.81E-05	-0.004266
-0.000207	-0.000288	-1.08E-06	
155	-0.000330	-3.37E-05	-0.002703
-0.000161	-0.000327	-1.18E-06	
156	-0.000330	-2.92E-05	-0.001065
-0.000100	-0.000319	-1.35E-06	
157	-0.000330	-2.77E-05	-1.11E-07
-6.52E-05	-0.000289	-1.58E-06	
158	-0.000329	-2.94E-05	-0.001207
-6.29E-05	-0.000247	-1.84E-06	
159	-0.000329	-3.42E-05	-0.003125
-0.000122	-0.000178	-1.84E-06	
160	-0.000329	-4.01E-05	-0.005034
-0.000173	-0.000108	-1.48E-06	
161	-0.000329	-4.43E-05	-0.006646
-0.000211	-4.37E-05	-1.10E-06	
162	-0.000329	-4.64E-05	-0.007684
-0.000240	-6.25E-06	-7.31E-07	
163	-0.000329	-4.57E-05	-0.007962
-0.000260	-7.24E-05	-6.94E-07	
164	-0.000329	-4.24E-05	-0.007406
-0.000273	-0.000200	-9.05E-07	
165	-0.000329	-3.68E-05	-0.006049
-0.000273	-0.000333	-1.05E-06	
166	-0.000329	-3.65E-05	-0.004023
-0.000247	-0.000452	-1.42E-06	
167	-0.000329	-4.32E-05	-0.001500
-0.000188	-0.000527	-1.73E-06	
168	-0.000329	-4.74E-05	-6.73E-08
-0.000156	-0.000540	-1.78E-06	
169	-0.000342	-2.44E-05	-9.88E-05
-0.000136	-0.000169	-1.82E-05	
170	-0.000342	-2.54E-05	-0.001703
-8.47E-05	-0.000207	-1.82E-05	
171	-0.000342	-2.56E-05	-0.004499
-7.64E-05	-0.000257	-1.75E-05	
172	-0.000342	-2.43E-05	-0.006760
-7.54E-05	-0.000253	-1.71E-05	
173	-0.000342	-2.20E-05	-0.008289
-7.58E-05	-0.000250	-1.64E-05	
174	-0.000342	-2.01E-05	-0.008909
-7.75E-05	-0.000245	-1.85E-05	
175	-0.000342	-1.93E-05	-0.008584
-7.30E-05	-0.000362	-2.66E-05	
176	-0.000342	-1.80E-05	-0.007390
-6.48E-05	-0.000482	-3.82E-05	
177	-0.000342	-1.82E-05	-0.005564
-6.29E-05	-0.000564	-4.62E-05	
178	-0.000342	-2.60E-05	-0.003435
-6.61E-05	-0.000586	-4.81E-05	
179	-0.000342	-3.73E-05	-0.001318
-6.42E-05	-0.000523	-3.96E-05	
180	-0.000342	-4.61E-05	-5.55E-05
-5.32E-05	-0.000406	-2.85E-05	
181	-0.000342	-5.13E-05	-0.001192
-5.09E-05	-0.000336	-2.50E-05	
182	-0.000342	-5.40E-05	-0.003029
-5.89E-05	-0.000299	-2.15E-05	
183	-0.000342	-5.34E-05	-0.004805
-5.73E-05	-0.000244	-2.06E-05	
184	-0.000342	-5.00E-05	-0.006228
-5.75E-05	-0.000246	-2.09E-05	
185	-0.000342	-4.45E-05	-0.006996
-5.79E-05	-0.000242	-2.20E-05	
186	-0.000342	-3.95E-05	-0.006970
-5.57E-05	-0.000313	-2.43E-05	
187	-0.000342	-3.32E-05	-0.006156
-5.15E-05	-0.000418	-2.61E-05	
188	-0.000342	-2.60E-05	-0.004710
-5.02E-05	-0.000497	-4.15E-05	
189	-0.000342	-2.27E-05	-0.002939
-5.37E-05	-0.000524	-4.43E-05	
190	-0.000343	-2.03E-05	-0.001140
-5.14E-05	-0.000470	-3.75E-05	
191	-0.000343	-2.61E-05	-5.07E-05
-3.47E-05	-0.000363	-2.77E-05	
192	-0.000343	-3.11E-05	-0.001129
-4.77E-05	-0.000303	-2.38E-05	
193	-0.000343	-3.53E-05	-0.002906
-5.10E-05	-0.000277	-1.96E-05	
194	-0.000343	-3.65E-05	-0.004649
-4.73E-05	-0.000244	-1.38E-05	
195	-0.000343	-3.51E-05	-0.006060
-4.72E-05	-0.000246	-1.32E-05	
196	-0.000344	-3.28E-05	-0.006840
-4.87E-05	-0.000242	-1.51E-05	
197	-0.000344	-3.05E-05	-0.006840
-4.85E-05	-0.000313	-2.43E-05	
198	-0.000344	-3.26E-05	-0.006060
-4.68E-05	-0.000418	-3.64E-05	
199	-0.000345	-3.42E-05	-0.004648
-4.66E-05	-0.000495	-4.56E-05	
200	-0.000345	-3.35E-05	-0.002906
-5.01E-05	-0.000521	-5.01E-05	
201	-0.000345	-3.02E-05	-0.001129
-4.69E-05	-0.000467	-4.50E-05	
202	-0.000345	-2.61E-05	-5.02E-05
-3.47E-05	-0.000359	-3.60E-05	
203	-0.000345	-2.11E-05	-0.001140
-5.08E-05	-0.000300	-3.38E-05	
204	-0.000345	-2.05E-05	-0.002938
-5.29E-05	-0.000276	-3.23E-05	
205	-0.000345	-2.21E-05	-0.004709
-4.95E-05	-0.000259	-2.79E-05	
206	-0.000345	-2.61E-05	-0.006155
-5.10E-05	-0.000258	-2.52E-05	
207	-0.000345	-3.05E-05	-0.006969
-5.53E-05	-0.000250	-2.39E-05	
208	-0.000345	-3.35E-05	-0.006995
-5.76E-05	-0.000315	-2.29E-05	
209	-0.000344	-3.51E-05	-0.006226
-5.72E-05	-0.000423	-3.40E-05	
210	-0.000344	-3.50E-05	-0.004803
-5.72E-05	-0.000503	-4.10E-05	
211	-0.000343	-3.33E-05	-0.003025
-5.88E-05	-0.000532	-4.40E-05	
212	-0.000343	-2.81E-05	-0.001187
-5.06E-05	-0.000480	-3.78E-05	
213	-0.000343	-2.31E-05	-5.11E-05
-5.26E-05	-0.000374	-2.85E-05	
214	-0.000343	-2.73E-05	-0.001325
-6.40E-05	-0.000316	-2.54E-05	
215	-0.000342	-3.35E-05	-0.003441
-6.61E-05	-0.000293	-2.63E-05	
216	-0.000342	-3.74E-05	-0.005568
-6.21E-05	-0.000232	-1.80E-05	
217	-0.000342	-3.94E-05	-0.007393
-6.48E-05	-0.000185	-1.88E-05	
218	-0.000342	-4.01E-05	-0.008586
-7.32E-05	-0.000181	-2.08E-05	
219	-0.000342	-4.11E-05	-0.008910
-7.79E-05	-0.000291	-2.36E-05	
220	-0.000342	-4.28E-05	-0.008290
-7.63E-05	-0.000427	-3.51E-05	
221	-0.000342	-4.33E-05	-0.006761
-7.53E-05	-0.000563	-4.88E-05	
222	-0.000342	-4.24E-05	-0.004501
-7.64E-05	-0.000676	-6.18E-05	
223	-0.000343	-3.96E-05	-0.001706
-8.42E-05	-0.000699	-5.82E-05	
224	-0.000343	-3.68E-05	-0.000101
-0.000137	-0.000664	-6.89E-05	
225	-0.000340	-3.00E-05	-0.000151
-4.32E-05	-0.000166	-2.02E-05	
226	-0.000340	-2.52E-05	-0.001695
-0.000131	-0.000205	-1.69E-05	
227	-0.000340	-1.85E-05	-0.004425
-0.000248	-0.000254	-2.09E-05	
228	-0.000341	-1.46E-05	-0.006636
-0.000275	-0.000247	-2.00E-05	
229	-0.000341	-1.84E-05	-0.008133
-0.000278	-0.000238	-1.93E-05	
230	-0.000341	-1.72E-05	-0.008742
-0.000272	-0.000254	-2.06E-05	
231	-0.000341	-1.91E-05	-0.008425
-0.000255	-0.000381	-3.00E-05	
232	-0.000341	-2.63E-06	-0.007259
-0.000227	-0.000496	-4.11E-05	
233	-0.000341	-2.31E-05	-0.005471
-0.000185	-0.000571	-4.92E-05	
234	-0.000341	-2.84E-05	-0.003389
-0.000125	-0.000585	-5.16E-05	
235	-0.000340	-3.57E-05	-0.001320
-3.92E-05	-0.000514	-4.31E-05	
236	-0.000340	-4.04E-05	-8.58E-05
-1.08E-05	-0.000399	-3.20E-05	
237	-0.000340	-4.38E-05	-0.001178
-6.71E-05	-0.000333	-2.75E-05	
238	-0.000340	-4.72E-05	-0.002981
-0.000155	-0.000295	-2.31E-05	
239	-0.000340	-4.80E-05	-0.004726
-0.000212	-0.000239	-1.73E-05	
240	-0.000340	-4.60E-05	-0.006124
-0.000243	-0.000240	-1.73E-05	
241	-0.000340	-4.11E-05	-0.006879
-0.000252	-0.000236	-1.93E-05	
242	-0.000340	-3.45E-05	-0.006854
-0.000246	-0.000320	-2.48E-05	
243	-0.000340	-2.99E-05	-0.006055
-0.000229	-0.000423	-3.44E-05	
244	-0.000341	-2.49E-05	-0.004637
-0.000193	-0.000498	-4.19E-05	
245	-0.000341	-2.06E-05	-0.002899
-0.000133	-0.000521	-4.47E-05	
246	-0.000341	-2.11E-05	-0.001136
-4.53E-05	-0.000464	-3.79E-05	
247	-0.000341	-2.57E-05	-8.05E-05
-4.08E-06	-0.000358	-2.90E-05	
248	-0.000341	-2.85E-05	-0.001126
-5.19E-05	-0.000301	-2.64E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000341	-3.07E-05	-0.002868
-0.000142	-0.000274	-2.76E-05	
250	-0.000341	-3.16E-05	-0.004577
-0.000202	-0.000242	-2.77E-05	
251	-0.000341	-3.17E-05	-0.005962
-0.000236	-0.000243	-2.83E-05	
252	-0.000341	-2.99E-05	-0.006727
-0.000249	-0.000239	-2.82E-05	
253	-0.000341	-2.82E-05	-0.006727
-0.000248	-0.000310	-2.91E-05	
254	-0.000341	-3.02E-05	-0.005962
-0.000235	-0.000411	-3.39E-05	
255	-0.000341	-3.03E-05	-0.004577
-0.000201	-0.000487	-3.92E-05	
256	-0.000341	-2.90E-05	-0.002867
-0.000141	-0.000513	-4.01E-05	
257	-0.000341	-2.74E-05	-0.001126
-5.12E-05	-0.000460	-3.24E-05	
258	-0.000341	-2.54E-05	-8.03E-05
-4.05E-06	-0.000357	-2.27E-05	
259	-0.000341	-2.19E-05	-0.001136
-4.45E-05	-0.000301	-1.86E-05	
260	-0.000341	-1.95E-05	-0.002899
-0.000132	-0.000276	-1.69E-05	
261	-0.000341	-2.12E-05	-0.004636
-0.000192	-0.000258	-1.66E-05	
262	-0.000341	-2.46E-05	-0.006055
-0.000228	-0.000258	-1.84E-05	
263	-0.000341	-2.69E-05	-0.006853
-0.000246	-0.000251	-2.42E-05	
264	-0.000341	-2.99E-05	-0.006878
-0.000252	-0.000301	-3.14E-05	
265	-0.000341	-3.14E-05	-0.006124
-0.000243	-0.000405	-3.94E-05	
266	-0.000341	-3.08E-05	-0.004727
-0.000212	-0.000486	-4.65E-05	
267	-0.000340	-2.86E-05	-0.002983
-0.000155	-0.000518	-4.94E-05	
268	-0.000340	-2.59E-05	-0.001182
-6.74E-05	-0.000472	-4.27E-05	
269	-0.000340	-2.36E-05	-8.13E-05
-1.12E-05	-0.000374	-3.33E-05	
270	-0.000340	-2.53E-05	-0.001315
-3.90E-05	-0.000320	-3.05E-05	
271	-0.000339	-2.82E-05	-0.003386
-0.000125	-0.000294	-2.75E-05	
272	-0.000339	-3.23E-05	-0.005470
-0.000185	-0.000235	-2.36E-05	
273	-0.000339	-3.42E-05	-0.007259
-0.000227	-0.000190	-2.16E-05	
274	-0.000339	-3.49E-05	-0.008426
-0.000255	-0.000178	-2.12E-05	
275	-0.000339	-3.57E-05	-0.008743
-0.000272	-0.000268	-2.22E-05	
276	-0.000339	-3.57E-05	-0.008134
-0.000278	-0.000396	-3.35E-05	
277	-0.000339	-3.51E-05	-0.006637
-0.000275	-0.000531	-4.70E-05	
278	-0.000339	-3.51E-05	-0.004426
-0.000248	-0.000647	-5.92E-05	
279	-0.000339	-4.14E-05	-0.001694
-0.000130	-0.000684	-5.50E-05	
280	-0.000339	-4.65E-05	-0.000149
-4.40E-05	0.000665	-7.64E-05	
281	-0.000668	-4.68E-06	.000000
-4.48E-05	-0.000170	-3.83E-06	
282	-0.000285	-8.95E-06	.000000
-7.00E-06	-0.000332	-2.53E-06	
283	-0.000635	.000000	.000000
-5.37E-06	-0.000283	-2.18E-05	
284	.000000	.000000	.000000
-9.31E-22	-0.000281	-1.95E-06	
285	-0.000520	-2.70E-05	.000000
-1.74E-21	-0.000299	-2.11E-06	
286	-0.000280	-5.57E-06	.000000
-2.76E-05	-0.000572	-7.03E-06	
287	-0.000711	-1.89E-05	.000000
-6.23E-05	-0.000165	-3.44E-06	
288	-0.000302	-9.92E-06	.000000
-2.97E-05	-0.000345	-2.14E-06	
289	-0.000653	.000000	.000000
-1.26E-05	-0.000298	-2.00E-06	
290	.000000	.000000	.000000
-2.42E-06	-0.000295	-1.96E-06	
291	-0.000532	-2.77E-05	.000000
-4.75E-22	-0.000313	-2.05E-06	
292	-0.000293	-2.28E-05	.000000
7.61E-23	-0.000623	-4.14E-06	
293	-0.000647	-6.89E-05	.000000
-0.000135	-0.000154	-3.95E-06	
294	-0.000281	-8.20E-05	.000000
-7.86E-05	-0.000319	-1.91E-06	
295	-0.000628	-4.71E-05	.000000
-9.67E-05	-0.000262	-1.73E-06	
296	-4.22E-07	-8.18E-05	.000000
-4.12E-05	-0.000275	-1.76E-06	
297	-0.000486	-0.000205	.000000
-3.92E-05	-0.000296	-1.58E-06	
298	-0.000253	-0.000160	.000000
-2.67E-05	-0.000556	-1.78E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000496	0.000135	3.59E-08
4.86E-05	0.000887	9.37E-06	
2	0.000496	0.000135	0.000665
7.47E-05	0.000866	8.23E-06	
3	0.000496	0.000149	0.001817
0.000141	0.000745	5.07E-06	
4	0.000496	0.000161	0.002845
0.000182	0.000590	3.63E-06	
5	0.000497	0.000164	0.003696
0.000211	0.000353	2.68E-06	
6	0.000497	0.000157	0.004310
0.000229	0.000151	1.71E-06	
7	0.000497	0.000139	0.004617
0.000236	1.45E-05	1.23E-06	
8	0.000500	0.000137	0.004548
0.000230	6.14E-05	1.83E-06	
9	0.000498	7.91E-05	0.004031
0.000208	0.000155	2.70E-06	
10	0.000499	4.64E-05	0.003016
0.000158	0.000261	4.12E-06	
11	0.000499	3.29E-05	0.001441
9.28E-05	0.000374	5.31E-06	
12	0.000499	4.87E-05	5.55E-08
5.95E-05	0.000451	5.10E-06	
13	0.000500	6.18E-05	0.001579
6.56E-05	0.000512	5.42E-06	
14	0.000500	8.37E-05	0.003236
0.000131	0.000538	5.47E-06	
15	0.000500	0.000104	0.004221
0.000177	0.000484	4.68E-06	
16	0.000500	0.000118	0.004627
0.000203	0.000360	3.82E-06	
17	0.000501	0.000122	0.004525
0.000213	0.000196	2.92E-06	
18	0.000502	0.000118	0.004031
0.000219	0.000072	2.59E-06	
19	0.000502	0.000103	0.003962
0.000216	0.000174	3.11E-06	
20	0.000503	7.97E-05	0.003607
0.000193	0.000191	3.28E-06	
21	0.000504	5.16E-05	0.002760
0.000146	0.000226	4.24E-06	
22	0.000504	2.45E-05	0.001345
8.01E-05	0.000344	5.39E-06	
23	0.000505	2.41E-05	6.48E-08
4.80E-05	0.000426	5.45E-06	
24	0.000505	3.99E-05	0.001355
7.15E-05	0.000493	6.13E-06	
25	0.000506	6.74E-05	0.002776
0.000137	0.000527	6.00E-06	
26	0.000507	9.31E-05	0.003619
0.000184	0.000481	5.34E-06	
27	0.000508	0.000112	0.003965
0.000209	0.000363	4.37E-06	
28	0.000509	0.000122	0.003877
0.000215	0.000202	3.17E-06	
29	0.000510	0.000121	0.003873
0.000214	0.000112	2.05E-06	
30	0.000511	0.000109	0.003960
0.000208	0.000148	2.16E-06	
31	0.000511	9.03E-05	0.003614
0.000184	0.000163	2.31E-06	
32	0.000512	6.52E-05	0.002771
0.000137	0.000224	3.36E-06	
33	0.000513	3.91E-05	0.001352
7.15E-05	0.000345	4.65E-06	
34	0.000514	2.49E-05	6.48E-08
4.79E-05	0.000428	4.90E-06	
35	0.000514	2.22E-05	0.001342
7.96E-05	0.000497	5.97E-06	
36	0.000515	4.70E-05	0.002755
0.000144	0.000535	5.96E-06	
37	0.000515	7.21E-05	0.003600
0.000192	0.000491	5.35E-06	
38	0.000515	9.19E-05	0.003956
0.000215	0.000434	4.61E-06	
39	0.000515	0.000103	0.004034
0.000218	0.000212	3.34E-06	
40	0.000514	0.000103	0.004529
0.000213	0.000110	1.99E-06	
41	0.000513	9.32E-05	0.004631
0.000203	0.000144	2.00E-06	
42	0.000511	7.44E-05	0.004225
0.000178	0.000161	2.33E-06	
43	0.000509	5.39E-05	0.003239
0.000131	0.000260	3.82E-06	
44	0.000508	3.39E-05	0.001580
6.57E-05	0.000401	5.49E-06	
45	0.000507	2.63E-05	5.43E-08
6.32E-05	0.000499	6.29E-06	
46	0.000506	4.35E-05	0.001441
9.48E-05	0.000582	7.47E-06	
47	0.000505	7.56E-05	0.003016
0.000158	0.000637	7.92E-06	
48	0.000504	0.000110	0.004032
0.000208	0.000603	7.69E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000503	0.000140	0.004548
0.000231	0.000484	7.09E-06	
50	0.000503	0.000163	0.004618
0.000237	0.000305	5.99E-06	
51	0.000503	0.000176	0.004311
0.000230	0.000143	4.31E-06	
52	0.000503	0.000179	0.003699
0.000212	0.000144	2.44E-06	
53	0.000503	0.000171	0.002847
0.000184	0.000185	1.53E-06	
54	0.000503	0.000154	0.001819
0.000142	0.000217	2.06E-06	
55	0.000504	0.000136	0.000666
7.71E-05	0.000235	3.84E-06	
56	0.000504	0.000121	3.64E-08
5.07E-05	0.000239	4.36E-06	
57	0.000468	9.45E-05	2.26E-08
4.63E-05	0.000807	4.44E-06	
58	0.000468	9.32E-05	0.000624
5.53E-05	0.000783	3.76E-06	
59	0.000468	9.55E-05	0.001703
8.36E-05	0.000666	2.06E-06	
60	0.000469	9.37E-05	0.002665
0.000110	0.000497	1.31E-06	
61	0.000469	8.63E-05	0.003457
0.000129	0.000311	1.17E-06	
62	0.000469	7.33E-05	0.004019
0.000140	0.000132	1.29E-06	
63	0.000469	5.55E-05	0.004288
0.000142	2.11E-05	1.42E-06	
64	0.000469	3.46E-05	0.004200
0.000135	6.37E-05	1.49E-06	
65	0.000469	2.10E-05	0.003700
0.000126	0.000150	1.54E-06	
66	0.000469	2.78E-05	0.002752
0.000100	0.000243	2.06E-06	
67	0.000469	3.57E-05	0.001312
5.36E-05	0.000343	2.70E-06	
68	0.000469	4.13E-05	3.54E-08
4.92E-05	0.000413	2.11E-06	
69	0.000469	4.50E-05	0.001441
7.69E-05	0.000469	2.79E-06	
70	0.000469	5.20E-05	0.002964
0.000110	0.000490	2.43E-06	
71	0.000469	5.93E-05	0.003890
0.000128	0.000438	1.60E-06	
72	0.000469	6.25E-05	0.004290
0.000133	0.000325	1.11E-06	
73	0.000469	6.04E-05	0.004220
0.000129	0.000179	1.50E-06	
74	0.000469	5.32E-05	0.003776
0.000128	0.000122	1.93E-06	
75	0.000469	4.12E-05	0.003649
0.000127	0.000163	2.20E-06	
76	0.000469	2.64E-05	0.003299
0.000114	0.000180	2.32E-06	
77	0.000469	1.44E-05	0.002510
8.74E-05	0.000209	2.61E-06	
78	0.000470	1.79E-05	0.001220
4.66E-05	0.000314	2.97E-06	
79	0.000470	2.30E-05	4.87E-08
2.16E-05	0.000390	2.23E-06	
80	0.000470	2.61E-05	0.001231
5.37E-05	0.000453	2.75E-06	
81	0.000470	3.14E-05	0.002526
9.35E-05	0.000483	2.72E-06	
82	0.000470	4.02E-05	0.003313
0.000117	0.000441	2.22E-06	
83	0.000470	4.82E-05	0.003654
0.000127	0.000336	1.69E-06	
84	0.000471	5.22E-05	0.003595
0.000125	0.000192	1.13E-06	
85	0.000471	5.16E-05	0.003594
0.000124	0.000102	9.28E-07	
86	0.000471	4.66E-05	0.003653
0.000125	0.000137	1.16E-06	
87	0.000471	3.79E-05	0.003312
0.000115	0.000152	1.38E-06	
88	0.000471	2.89E-05	0.002525
9.23E-05	0.000207	2.03E-06	
89	0.000472	2.46E-05	0.001230
5.30E-05	0.000315	2.69E-06	
90	0.000472	2.26E-05	4.88E-08
2.16E-05	0.000393	1.93E-06	
91	0.000472	1.80E-05	0.001220
4.66E-05	0.000459	2.59E-06	
92	0.000472	1.44E-05	0.002509
8.67E-05	0.000495	2.72E-06	
93	0.000472	1.66E-05	0.003298
0.000113	0.000457	2.37E-06	
94	0.000473	2.53E-05	0.003648
0.000126	0.000354	1.92E-06	
95	0.000473	3.14E-05	0.003777
0.000127	0.000209	1.32E-06	
96	0.000472	3.34E-05	0.004221
0.000129	9.69E-05	8.45E-07	
97	0.000472	3.06E-05	0.004290
0.000132	0.000134	1.00E-06	
98	0.000471	2.46E-05	0.003889
0.000126	0.000151	1.37E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000470	1.95E-05	0.002964
0.000108	0.000241	2.08E-06	
100	0.000470	2.52E-05	0.001441
7.29E-05	0.

129	0.000409	3.06E-05	0.003928
5.26E-05	0.000107	2.00E-06	
130	0.000409	3.46E-05	0.003532
5.21E-05	0.000111	2.44E-06	
131	0.000408	3.62E-05	0.003350
5.76E-05	0.000152	3.62E-06	
132	0.000408	3.46E-05	0.002993
5.63E-05	0.000169	4.50E-06	
133	0.000408	2.94E-05	0.002233
4.39E-05	0.000198	4.82E-06	
134	0.000407	2.26E-05	0.001054
1.87E-05	0.000206	4.52E-06	
135	0.000407	1.66E-05	4.68E-08
9.03E-06	0.000328	3.92E-06	
136	0.000407	1.71E-05	0.001064
2.20E-05	0.000363	3.12E-06	
137	0.000406	2.67E-05	0.002250
4.71E-05	0.000375	1.96E-06	
138	0.000406	3.20E-05	0.003008
5.74E-05	0.000335	1.53E-06	
139	0.000405	3.36E-05	0.003357
5.68E-05	0.000245	1.54E-06	
140	0.000404	3.24E-05	0.003328
5.09E-05	0.000123	1.58E-06	
141	0.000404	3.31E-05	0.003331
5.01E-05	9.20E-05	1.41E-06	
142	0.000403	3.42E-05	0.003360
5.59E-05	0.000127	3.58E-06	
143	0.000402	3.30E-05	0.003012
5.64E-05	0.000142	4.42E-06	
144	0.000401	2.82E-05	0.002254
4.63E-05	0.000197	4.69E-06	
145	0.000401	1.99E-05	0.001066
2.17E-05	0.000283	4.38E-06	
146	0.000400	1.45E-05	4.66E-08
9.09E-06	0.000334	3.80E-06	
147	0.000400	1.97E-05	0.001056
1.82E-05	0.000372	3.01E-06	
148	0.000400	2.66E-05	0.002237
4.29E-05	0.000390	1.82E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000400	3.16E-05	0.002997
5.51E-05	0.000355	1.25E-06	
150	0.000400	3.31E-05	0.003355
5.65E-05	0.000267	1.41E-06	
151	0.000400	3.13E-05	0.003531
5.11E-05	0.000143	1.54E-06	
152	0.000401	2.72E-05	0.003927
5.28E-05	8.84E-05	2.70E-06	
153	0.000403	2.59E-05	0.003965
6.06E-05	0.000124	3.72E-06	
154	0.000404	2.60E-05	0.003557
6.35E-05	0.000141	4.47E-06	
155	0.000406	2.40E-05	0.002667
5.58E-05	0.000230	4.69E-06	
156	0.000407	2.25E-05	0.001264
3.31E-05	0.000334	4.48E-06	
157	0.000407	2.31E-05	4.29E-08
1.70E-05	0.000398	3.94E-06	
158	0.000408	3.11E-05	0.001140
2.19E-05	0.000448	3.18E-06	
159	0.000408	3.82E-05	0.002462
4.52E-05	0.000482	2.10E-06	
160	0.000408	4.38E-05	0.003370
6.17E-05	0.000455	1.31E-06	
161	0.000408	4.62E-05	0.003869
6.74E-05	0.000365	1.52E-06	
162	0.000407	4.57E-05	0.003976
6.54E-05	0.000226	2.45E-06	
163	0.000407	4.31E-05	0.003742
5.82E-05	7.79E-05	3.58E-06	
164	0.000406	3.81E-05	0.003226
5.55E-05	0.000124	4.92E-06	
165	0.000406	3.27E-05	0.002489
5.09E-05	0.000163	6.05E-06	
166	0.000406	3.44E-05	0.001591
4.51E-05	0.000192	7.01E-06	
167	0.000406	5.65E-05	0.000582
3.83E-05	0.000208	7.70E-06	
168	0.000405	7.45E-05	3.65E-08
3.61E-05	0.000211	7.77E-06	
169	0.000483	0.000106	5.39E-05
2.88E-05	0.000908	9.35E-05	
170	0.000483	0.000114	0.000644
4.60E-05	0.000914	7.70E-05	
171	0.000483	0.000128	0.001761
0.000164	0.000829	7.99E-05	
172	0.000483	0.000138	0.002757
0.000208	0.000655	6.16E-05	
173	0.000483	0.000139	0.003580
0.000233	0.000458	4.61E-05	
174	0.000483	0.000129	0.004170
0.000252	0.000268	3.51E-05	
175	0.000483	0.000109	0.004460
0.000263	0.000134	3.01E-05	
176	0.000483	8.00E-05	0.004384
0.000262	0.000162	2.96E-05	
177	0.000483	4.85E-05	0.003878
0.000240	0.000240	3.07E-05	
178	0.000484	2.72E-05	0.002895
0.000189	0.000333	3.55E-05	
179	0.000484	3.07E-05	0.001377
9.21E-05	0.000405	3.67E-05	
180	0.000484	4.14E-05	3.89E-05
4.42E-05	0.000484	4.03E-05	
181	0.000484	5.32E-05	0.001533
8.81E-05	0.000587	5.10E-05	
182	0.000484	7.29E-05	0.003127
0.000174	0.000636	5.83E-05	
183	0.000485	9.05E-05	0.004078
0.000219	0.000588	5.32E-05	
184	0.000485	0.000103	0.004475
0.000239	0.000470	4.21E-05	
185	0.000485	0.000105	0.004384
0.000242	0.000317	3.44E-05	
186	0.000485	9.84E-05	0.003911
0.000247	0.000241	3.14E-05	
187	0.000485	8.21E-05	0.003817
0.000248	0.000265	3.25E-05	
188	0.000486	5.89E-05	0.003469
0.000228	0.000314	3.46E-05	
189	0.000486	3.41E-05	0.002652
0.000178	0.000303	3.75E-05	
190	0.000486	1.43E-05	0.001291
8.33E-05	0.000378	4.19E-05	
191	0.000487	1.78E-05	2.43E-05
2.03E-05	0.000461	4.54E-05	
192	0.000487	3.09E-05	0.001302
8.34E-05	0.000572	5.70E-05	
193	0.000488	5.13E-05	0.002669
0.000174	0.000628	6.63E-05	
194	0.000488	7.33E-05	0.003483
0.000222	0.000588	6.35E-05	
195	0.000489	9.04E-05	0.003822
0.000242	0.000477	5.55E-05	
196	0.000489	9.91E-05	0.003745
0.000243	0.000327	4.32E-05	
197	0.000489	9.83E-05	0.003742
0.000242	0.000225	3.90E-05	
198	0.000490	8.84E-05	0.003819
0.000241	0.000244	3.64E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000490	7.09E-05	0.003479
0.000220	0.000250	3.51E-05	
200	0.000490	4.92E-05	0.002665
0.000172	0.000301	3.58E-05	
201	0.000491	2.93E-05	0.001300
8.20E-05	0.000378	3.48E-05	
202	0.000491	1.78E-05	2.37E-05
2.02E-05	0.000464	3.73E-05	
203	0.000492	1.31E-05	0.001290
8.21E-05	0.000577	4.76E-05	
204	0.000492	3.06E-05	0.002649
0.000176	0.000637	5.58E-05	
205	0.000493	4.83E-05	0.003466
0.000226	0.000601	5.47E-05	
206	0.000493	6.64E-05	0.003814
0.000246	0.000491	4.93E-05	
207	0.000493	7.75E-05	0.003911
0.000245	0.000340	4.07E-05	
208	0.000493	7.94E-05	0.004384
0.000242	0.000222	3.44E-05	
209	0.000492	7.24E-05	0.004474
0.000239	0.000141	3.36E-05	
210	0.000491	5.67E-05	0.004075
0.000219	0.000248	3.56E-05	
211	0.000490	3.90E-05	0.003121
0.000174	0.000332	4.18E-05	
212	0.000488	2.69E-05	0.001523
8.78E-05	0.000428	4.44E-05	
213	0.000487	2.13E-05	2.66E-05
4.29E-05	0.000528	4.61E-05	
214	0.000487	3.27E-05	0.001385
9.21E-05	0.000655	5.91E-05	
215	0.000486	5.55E-05	0.002901
0.000189	0.000733	6.99E-05	
216	0.000485	7.98E-05	0.003882
0.000240	0.000708	6.68E-05	
217	0.000485	0.000110	0.004387
0.000262	0.000599	5.55E-05	
218	0.000484	0.000134	0.004462
0.000263	0.000432	4.16E-05	
219	0.000484	0.000149	0.004171
0.000252	0.000258	3.58E-05	
220	0.000484	0.000154	0.003580
0.000234	0.000243	3.43E-05	
221	0.000484	0.000147	0.002755
0.000208	0.000266	3.40E-05	
222	0.000485	0.000132	0.001757
0.000164	0.000284	3.39E-05	
223	0.000485	0.000113	0.000638
4.60E-05	0.000258	2.79E-05	
224	0.000486	0.000102	5.41E-05
2.83E-05	0.000234	3.39E-05	
225	0.000438	8.79E-05	4.10E-05
5.00E-05	0.000796	8.23E-05	
226	0.000439	7.81E-05	0.000604
3.97E-05	0.000799	6.86E-05	
227	0.000439	6.13E-05	0.001646
6.77E-05	0.000729	7.42E-05	
228	0.000440	5.04E-05	0.002574
9.03E-05	0.000579	5.87E-05	
229	0.000440	4.89E-05	0.003336
0.000107	0.000407	4.48E-05	
230	0.000440	4.91E-05	0.003873
0.000115	0.000250	3.38E-05	
231	0.000440	4.58E-05	0.004121
0.000116	0.000164	3.05E-05	
232	0.000440	3.93E-05	0.004020
0.000116	0.000198	2.86E-05	
233	0.000440	3.60E-05	0.003517
0.000112	0.000264	2.76E-05	
234	0.000440	3.64E-05	0.002587
0.000103	0.000342	3.20E-05	
235	0.000439	3.81E-05	0.001203
7.38E-05	0.000386	3.33E-05	
236	0.000439	3.72E-05	2.72E-05
6.82E-05	0.000445	3.53E-05	
237	0.000439	3.48E-05	0.001313
0.000104	0.000540	4.55E-05	
238	0.000439	3.14E-05	0.002783
0.000118	0.000577	5.27E-05	
239	0.000439	3.37E-05	0.003698
0.000113	0.000529	4.83E-05	
240	0.000439	3.93E-05	0.004108
0.000105	0.000425	4.09E-05	
241	0.000439	4.20E-05	0.004060
9.69E-05	0.000294	3.33E-05	
242	0.000438	4.12E-05	0.003645
9.37E-05	0.000263	3.08E-05	
243	0.000438	3.70E-05	0.003484
9.88E-05	0.000282	3.26E-05	
244	0.000438	3.00E-05	0.003126
0.000101	0.000288	3.60E-05	
245	0.000438	2.26E-05	0.002348
9.79E-05	0.000313	4.15E-05	
246	0.000438	2.01E-05	0.001107
7.53E-05	0.000359	4.54E-05	
247	0.000438	1.92E-05	2.17E-05
4.35E-05	0.000422	4.78E-05	
248	0.000438	1.61E-05	0.001117
8.27E-05	0.000523	5.92E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000438	2.24E-05	0.002364
9.87E-05	0.000572	6.83E-05	
250	0.000437	2.91E-05	0.003140
9.72E-05	0.000535	6.56E-05	
251	0.000437	3.43E-05	0.003489
9.27E-05	0.000439	5.74E-05	
252	0.000437	3.74E-05	0.003450
8.54E-05	0.000311	4.68E-05	
253	0.000437	3.73E-05	0.003451
8.45E-05	0.000245	3.63E-05	
254	0.000437	3.53E-05	0.003491
9.14E-05	0.000259	2.70E-05	
255	0.000436	3.05E-05	0.003142
9.56E-05	0.000264	2.11E-05	
256	0.000436	2.38E-05	0.002365
9.71E-05	0.000310	1.92E-05	
257	0.000436	1.71E-05	0.001119
8.16E-05	0.000358	2.11E-05	
258	0.000436	1.77E-05	2.17E-05
4.36E-05	0.000424	2.54E-05	
259	0.000436	1.90E-05	0.001108
7.41E-05	0.000530	3.56E-05	
260	0.000436	2.11E-05	0.002349
9.62E-05	0.000565	4.55E-05	
261	0.000436	2.47E-05	0.003128
9.93E-05	0.000554	4.74E-05	
262	0.000436	2.93E-05	0.003485
9.75E-05	0.000461	4.52E-05	
263	0.000436	3.15E-05	0.003645
9.26E-05	0.000331	4.31E-05	
264	0.000437	3.02E-05	0.004061
9.68E-05	0.000239	4.47E-05	
265	0.000437	2.57E-05	0.004110
0.000105	0.000255	4.52E-05	
266	0.000437	2.15E-05	0.003701
0.000113	0.000261	4.52E-05	
267	0.000437	1.83E-05	0.002788
0.000118	0.000337	4.52E-05	
268	0.000437	2.11E-05	0.001320
0.000104	0.000401	4.41E-05	
269	0.000437	2.47E-05	2.19E-05
7.04E-05	0.000480	4.51E-05	
270	0.000437	2.85E-05	0.001197
7.31E-05	0.000600	5.54E-05	
271	0.000437	3.13E-05	0.002584
0.000103	0.000675	6.34E-05	
272	0.000437	3.44E-05	0.003516
0.000112	0.000656	6.02E-05	
273	0.000437	4.15E-05	0.004019
0.000116	0.000563	5.23E-05	
274	0.000436	4.79E-05	0.004121
0.000116	0.000419	4.17E-05	
275	0.000436	5.33E-05	0.003873
0.000115	0.000256	3.31E-05	
276	0.000436	5.44E-05	0.003337
0.000106	0.000252	3.01E-05	
277	0.000436	5.41E-05	0.002576
9.01E-05	0.000274	2.84E-05	
278	0.000435	6.14E-05	0.001649
6.75E-05	0.000289	2.89E-05	
279	0.000435	7.34E-05	0.000609
3.99E-05	0.000251	2.45E-05	
280	0.000435	8.20E-05	4.11E-05
5.06E-05	0.000218	3.01E-05	
281	0.000519	1.35E-05	.000000
5.90E-05	0.000688	9.37E-06	.000000
282	0.000552	1.73E-05	.000000
5.43E-05	0.000452	5.10E-06	.000000
283	0.000658	.000000	.000000
4.80E-05	0.000426	5.45E-06	.000000
284	.000000	.000000	.000000
3.12E-05	0.000519	4.35E-05	.000000
285	0.000974	5.07E-05	.000000
2.30E-05	0.000502	6.29E-06	.000000
286	0.000842	1.67E-05	.000000
4.51E-05	0.000240	4.36E-06	.000000
287	0.000489	4.85E-05	.000000
7.96E-05	0.000808	4.44E-06	.000000
288	0.000503	1.03E-05	.000000
4.95E-05	0.000413	2.11E-06	.000000
289	0.000610	.000000	.000000
2.16E-05	0.000390	2.23E-06	.000000
290	.000000	.000000	.000000
5.36E-06	0.000394	1.93E-06	.000000
291	0.000901	4.69E-05	.000000
2.17E-06	0.000444	2.97E-06	.000000
292	0.000767	5.97E-05	.000000
1.23E-05	0.000228	4.32E-06	.000000
293	0.000433	1.31E-05	.000000
7.51E-05	0.000633	2.73E-06	.000000
294	0.000427	6.56E-06	.000000
3.79E-05	0.000349	3.45E-06	.000000
295	0.000535	7.43E-06	.000000
5.51E-05	0.000324	3.92E-06	.000000
296	2.17E-06	1.89E-05	.000000
1.63E-22	0.000333	3.80E-06	.000000
297	0.000756	0.000200	.000000
-6.78E-21	0.000384	3.94E-06	.000000
298	0.000563	0.000126	.000000
-3.64E-22	0.000211	7.77E-06	.000000

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000492	-5.20E-05	-2.61E-07
-0.000133	-0.000239	-3.90E-06	
2	-0.000492	-3.97E-05	-0.002460
-0.000158	-0.000235	-4.91E-06	
3	-0.000491	-3.70E-05	-0.006570
-0.000208	-0.000217	-1.74E-06	
4	-0.000492	-3.96E-05	-0.009851
-0.000251	-0.000185	-1.81E-06	
5	-0.000492	-4.12E-05	-0.012027
-0.000269	-0.000144	-3.92E-06	
6	-0.000492	-4.15E-05	-0.012902
-0.000261	-0.000143	-5.10E-06	
7	-0.000493	-3.96E-05	-0.012418
-0.000236	-0.000305	-6.72E-06	
8	-0.000493	-4.26E-05	-0.010704
-0.000203	-0.000485	-7.80E-06	
9	-0.000493	-4.65E-05	-0.008069
-0.000157	-0.000603	-8.52E-06	
10	-0.000494	-5.39E-05	-0.004974
-0.000100	-0.000637	-8.97E-06	
11	-0.000494	-7.03E-05	-0.001900
-4.01E-05	-0.000583	-8.26E-06	
12	-0.000494	-8.09E-05	-3.30E-07
-3.18E-05	-0.000500	-7.45E-06	
13	-0.000494	-7.88E-05	-0.001693
-6.51E-05	-0.000401	-4.74E-06	
14	-0.000494	-8.06E-05	-0.004351
-0.000123	-0.000260	-3.00E-06	
15	-0.000494	-8.56E-05	-0.006915
-0.000173	-0.000161	-1.79E-06	
16	-0.000494	-8.55E-05	-0.008952
-0.000203	-0.000144	-1.76E-06	
17	-0.000495	-8.04E-05	-0.010049
-0.000211	-0.000110	-2.80E-06	
18	-0.000495	-7.10E-05	-0.010015
-0.000201	-0.000212	-4.27E-06	
19	-0.000496	-5.82E-05	-0.008858
-0.000184	-0.000374	-5.42E-06	
20	-0.000497	-4.33E-05	-0.006790
-0.000150	-0.000491	-6.19E-06	
21	-0.000497	-4.32E-05	-0.004234
-0.000101	-0.000535	-6.79E-06	
22	-0.000498	-5.22E-05	-0.001628
-4.26E-05	-0.000498	-6.69E-06	
23	-0.000499	-5.76E-05	-3.15E-07
-2.01E-05	-0.000429	-5.48E-06	
24	-0.000499	-5.48E-05	-0.001613
-5.21E-05	-0.000345	-4.88E-06	
25	-0.000500	-5.17E-05	-0.004188
-0.000111	-0.000224	-3.42E-06	
26	-0.000501	-5.89E-05	-0.006704
-0.000161	-0.000162	-2.19E-06	
27	-0.000503	-6.20E-05	-0.008725
-0.000193	-0.000147	-2.01E-06	
28	-0.000504	-6.02E-05	-0.009835
-0.000205	-0.000111	-1.99E-06	
29	-0.000505	-5.62E-05	-0.009834
-0.000205	-0.000202	-3.28E-06	
30	-0.000506	-5.80E-05	-0.008721
-0.000192	-0.000363	-4.45E-06	
31	-0.000507	-5.53E-05	-0.006699
-0.000160	-0.000481	-5.35E-06	
32	-0.000508	-5.00E-05	-0.004183
-0.000111	-0.000527	-5.90E-06	
33	-0.000509	-5.42E-05	-0.001610
-5.22E-05	-0.000492	-5.93E-06	
34	-0.000510	-5.75E-05	-3.15E-07
-2.07E-05	-0.000425	-4.96E-06	
35	-0.000510	-5.23E-05	-0.001626
-4.16E-05	-0.000343	-4.72E-06	
36	-0.000510	-4.35E-05	-0.004230
-9.95E-05	-0.000225	-3.48E-06	
37	-0.000510	-4.06E-05	-0.006785
-0.000149	-0.000191	-2.58E-06	
38	-0.000509	-4.61E-05	-0.008854
-0.000183	-0.000174	-2.40E-06	
39	-0.000508	-5.55E-05	-0.010012
-0.000201	-0.000132	-2.12E-06	
40	-0.000508	-6.17E-05	-0.010048
-0.000211	-0.000196	-3.13E-06	
41	-0.000507	-6.34E-05	-0.008952
-0.000203	-0.000360	-4.37E-06	
42	-0.000506	-5.95E-05	-0.006916
-0.000173	-0.000484	-5.38E-06	
43	-0.000505	-5.03E-05	-0.004352
-0.000124	-0.000538	-6.12E-06	
44	-0.000504	-5.36E-05	-0.001693
-6.55E-05	-0.000512	-6.34E-06	
45	-0.000504	-5.43E-05	-3.29E-07
-3.60E-05	-0.000451	-5.44E-06	
46	-0.000503	-5.17E-05	-0.001901
-3.84E-05	-0.000374	-4.97E-06	
47	-0.000502	-5.09E-05	-0.004975
-9.83E-05	-0.000260	-3.60E-06	
48	-0.000502	-6.34E-05	-0.008069
-0.000155	-0.000155	-2.31E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000501	-7.15E-05	-0.010704
-0.000202	-6.14E-05	-1.49E-06	
50	-0.000501	-7.53E-05	-0.012417
-0.000236	-1.46E-05	-1.03E-06	
51	-0.000501	-7.60E-05	-0.012900
-0.000261	-0.000151	-1.91E-06	
52	-0.000500	-7.43E-05	-0.012026
-0.000269	-0.000353	-3.39E-06	
53	-0.000500	-7.04E-05	-0.009849
-0.000252	-0.000560	-4.37E-06	
54	-0.000501	-6.33E-05	-0.006569
-0.000210	-0.000745	-5.68E-06	
55	-0.000501	-5.49E-05	-0.002459
-0.000157	-0.000866	-8.45E-06	
56	-0.000502	-5.80E-05	-2.61E-07
-0.000132	-0.000887	-9.57E-06	
57	-0.000463	-3.71E-05	-4.19E-07
-0.000125	-0.000225	-4.43E-06	
58	-0.000464	-3.20E-05	-0.002227
-0.000175	-0.000222	-3.84E-06	
59	-0.000464	-2.49E-05	-0.005945
-0.000284	-0.000204	-2.01E-06	
60	-0.000464	-1.96E-05	-0.008930
-0.000363	-0.000174	-2.08E-06	
61	-0.000464	-1.57E-05	-0.010938
-0.000402	-0.000133	-2.78E-06	
62	-0.000465	-1.48E-05	-0.011757
-0.000401	-0.000128	-3.49E-06	
63	-0.000465	-1.48E-05	-0.011330
-0.000366	-0.000301	-4.18E-06	
64	-0.000464	-1.53E-05	-0.009766
-0.000303	-0.000461	-4.63E-06	
65	-0.000464	-1.59E-05	-0.007360
-0.000222	-0.000563	-4.64E-06	
66	-0.000464	-2.23E-05	-0.004540
-0.000138	-0.000590	-4.18E-06	
67	-0.000464	-3.73E-05	-0.001736
-5.79E-05	-0.000536	-3.46E-06	
68	-0.000464	-4.76E-05	-5.25E-07
-4.16E-05	-0.000458	-2.89E-06	
69	-0.000464	-5.51E-05	-0.001551
-9.01E-05	-0.000367	-3.14E-06	
70	-0.000464	-6.12E-05	-0.003989
-0.000178	-0.000241	-2.04E-06	
71	-0.000464	-6.26E-05	-0.006340
-0.000257	-0.000151	-9.08E-07	
72	-0.000464	-6.03E-05	-0.008211
-0.000313	-0.000134	-1.00E-06	
73	-0.000464	-5.43E-05	-0.009217
-0.000337	-9.69E-05	-1.62E-06	
74	-0.000464	-4.58E-05	-0.009183
-0.000327	-0.000209	-2.32E-06	
75	-0.000464	-3.74E-05	-0.008117
-0.000287	-0.000354	-2.97E-06	
76	-0.000464	-2.87E-05	-0.006217
-0.000220	-0.000457	-3.37E-06	
77	-0.000465	-2.34E-05	-0.003874
-0.000139	-0.000495	-3.52E-06	
78	-0.000465	-1.95E-05	-0.001488
-5.73E-05	-0.000460	-3.23E-06	
79	-0.000465	-2.59E-05	-5.19E-07
-1.92E-05	-0.000394	-2.49E-06	
80	-0.000465	-3.13E-05	-0.001474
-6.74E-05	-0.000315	-2.86E-06	
81	-0.000466	-3.50E-05	-0.003831
-0.000154	-0.000207	-1.99E-06	
82	-0.000466	-3.63E-05	-0.006135
-0.000236	-0.000152	-1.33E-06	
83	-0.000466	-3.60E-05	-0.007990
-0.000298	-0.000137	-1.00E-06	
84	-0.000466	-3.38E-05	-0.009011
-0.000329	-0.000102	-8.57E-07	
85	-0.000466	-3.16E-05	-0.009011
-0.000329	-0.000192	-1.27E-06	
86	-0.000467	-3.28E-05	-0.007990
-0.000297	-0.000336	-1.84E-06	
87	-0.000467	-3.30E-05	-0.006134
-0.000235	-0.000441	-2.39E-06	
88	-0.000467	-3.21E-05	-0.003830
-0.000153	-0.000483	-2.67E-06	
89	-0.000468	-2.97E-05	-0.001473
-6.66E-05	-0.000453	-2.55E-06	
90	-0.000468	-2.59E-05	-5.20E-07
-1.89E-05	-0.000390	-1.91E-06	
91	-0.000468	-1.99E-05	-0.001487
-5.71E-05	-0.000314	-2.69E-06	
92	-0.000468	-1.90E-05	-0.003873
-0.000138	-0.000209	-2.10E-06	
93	-0.000468	-2.06E-05	-0.006216
-0.000219	-0.000180	-1.56E-06	
94	-0.000468	-2.47E-05	-0.008116
-0.000286	-0.000163	-1.62E-06	
95	-0.000467	-2.87E-05	-0.009182
-0.000326	-0.000122	-1.06E-06	
96	-0.000467	-3.24E-05	-0.009217
-0.000336	-0.000179	-1.11E-06	
97	-0.000467	-3.46E-05	-0.008210
-0.000312	-0.000325	-1.69E-06	
98	-0.000466	-3.48E-05	-0.006339
-0.000256	-0.000438	-2.26E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

130	-0.000407	-9.04E-05	-0.007168
-0.000352	-0.000144	-2.30E-06	
131	-0.000407	-8.19E-05	-0.006355
-0.000320	-0.000267	-1.51E-06	
132	-0.000407	-7.11E-05	-0.004903
-0.000262	-0.000355	-1.25E-06	
133	-0.000406	-5.62E-05	-0.003095
-0.000182	-0.000390	-1.85E-06	
134	-0.000406	-3.98E-05	-0.001216
-9.36E-05	-0.000372	-3.00E-06	
135	-0.000405	-3.11E-05	-9.03E-08
-5.88E-05	-0.000333	-3.78E-06	
136	-0.000405	-2.96E-05	-0.001200
-0.000109	-0.000282	-4.36E-06	
137	-0.000404	-4.69E-05	-0.003048
-0.000198	-0.000197	-4.67E-06	
138	-0.000403	-6.55E-05	-0.004818
-0.000276	-0.000143	-4.47E-06	
139	-0.000402	-7.95E-05	-0.006228
-0.000329	-0.000127	-3.71E-06	
140	-0.000401	-8.60E-05	-0.007002
-0.000356	-9.26E-05	-2.68E-06	
141	-0.000400	-8.48E-05	-0.007002
-0.000355	-0.000123	-1.52E-06	
142	-0.000399	-7.94E-05	-0.006230
-0.000329	-0.000244	-1.41E-06	
143	-0.000398	-6.64E-05	-0.004821
-0.000275	-0.000335	-1.45E-06	
144	-0.000397	-4.86E-05	-0.003051
-0.000197	-0.000375	-1.88E-06	
145	-0.000396	-3.07E-05	-0.001202
-0.000108	-0.000363	-3.04E-06	
146	-0.000396	-2.91E-05	-9.04E-08
-5.90E-05	-0.000329	-3.84E-06	
147	-0.000396	-3.87E-05	-0.001218
-9.32E-05	-0.000280	-4.42E-06	
148	-0.000396	-5.74E-05	-0.003098
-0.000181	-0.000198	-4.74E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000397	-7.54E-05	-0.004907
-0.000261	-0.000169	-4.47E-06	
150	-0.000397	-8.80E-05	-0.006358
-0.000319	-0.000152	-3.62E-06	
151	-0.000398	-9.25E-05	-0.007170
-0.000352	-0.000111	-2.43E-06	
152	-0.000399	-9.09E-05	-0.007199
-0.000359	-0.000107	-1.56E-06	
153	-0.000399	-8.36E-05	-0.006436
-0.000340	-0.000231	-1.55E-06	
154	-0.000400	-6.93E-05	-0.005012
-0.000291	-0.000329	-1.52E-06	
155	-0.000400	-5.06E-05	-0.003197
-0.000215	-0.000379	-1.80E-06	
156	-0.000400	-3.25E-05	-0.001272
-0.000125	-0.000377	-2.80E-06	
157	-0.000400	-2.70E-05	-1.03E-07
-7.38E-05	-0.000348	-3.56E-06	
158	-0.000400	-3.56E-05	-0.001453
-8.15E-05	-0.000306	-4.25E-06	
159	-0.000400	-5.32E-05	-0.003728
-0.000175	-0.000229	-4.53E-06	
160	-0.000400	-7.22E-05	-0.005970
-0.000265	-0.000146	-3.98E-06	
161	-0.000400	-8.65E-05	-0.007851
-0.000337	-6.50E-05	-2.98E-06	
162	-0.000400	-9.34E-05	-0.009052
-0.000390	-1.69E-05	-1.82E-06	
163	-0.000400	-9.08E-05	-0.009360
-0.000422	-7.23E-05	-1.49E-06	
164	-0.000400	-7.85E-05	-0.008689
-0.000430	-0.000220	-1.68E-06	
165	-0.000400	-5.75E-05	-0.007085
-0.000408	-0.000380	-1.77E-06	
166	-0.000400	-3.72E-05	-0.004702
-0.000348	-0.000521	-2.08E-06	
167	-0.000400	-4.64E-05	-0.001750
-0.000245	-0.000611	-2.32E-06	
168	-0.000400	-5.21E-05	-6.27E-08
-0.000194	-0.000628	-2.35E-06	
169	-0.000479	-3.22E-05	-0.000113
-0.000130	-3.11E-05	-3.24E-05	-0.002388
170	-0.000479	-2.52E-05	
-0.000169	-0.000257	-3.11E-06	-0.006376
171	-0.000478	-2.96E-05	-0.009584
-0.000293	-0.000284	-2.89E-05	-0.011743
172	-0.000478	-2.53E-05	-0.000410
-0.000371	-0.000266	-2.80E-05	-0.012611
173	-0.000478	-2.25E-05	-0.000416
-0.000410	-0.000243	-2.93E-05	-0.012143
174	-0.000479	-2.16E-05	-0.000388
-0.000416	-0.000258	-3.62E-05	-0.010444
175	-0.000479	-2.02E-05	-0.000330
-0.000388	-0.000432	-5.25E-05	-0.007855
176	-0.000479	-2.00E-05	-0.000257
-0.000330	-0.000600	-6.34E-05	-0.004834
177	-0.000479	-2.73E-05	-0.000178
-0.000257	-0.000709	-6.62E-05	-0.001838
178	-0.000479	-3.97E-05	-9.57E-05
-0.000178	-0.000733	-5.55E-05	-6.62E-05
179	-0.000479	-5.02E-05	-5.77E-05
-0.000098	-0.000656	-4.22E-05	-0.001668
180	-0.000479	-6.20E-05	-0.000102
-0.000102	-0.000426	-3.69E-05	-0.004270
182	-0.000479	-7.14E-05	-0.000192
-0.000192	-0.000331	-3.18E-05	-0.006792
183	-0.000479	-7.38E-05	-0.000267
-0.000267	-0.000249	-3.09E-05	-0.008810
184	-0.000479	-7.04E-05	-0.000323
-0.000323	-0.000242	-3.14E-05	-0.009901
185	-0.000479	-6.32E-05	-0.000349
-0.000349	-0.000222	-3.25E-05	-0.009866
186	-0.000479	-5.51E-05	-0.000344
-0.000344	-0.000340	-3.49E-05	-0.008711
187	-0.000480	-4.51E-05	-0.000307
-0.000307	-0.000491	-4.38E-05	-0.006661
188	-0.000480	-3.39E-05	-0.000247
-0.000247	-0.000601	-5.46E-05	-0.004146
189	-0.000481	-2.63E-05	-0.000174
-0.000174	-0.000637	-5.87E-05	-0.001594
190	-0.000481	-2.37E-05	-9.10E-05
-9.10E-05	-0.000578	-5.04E-05	-6.05E-05
191	-0.000481	-2.95E-05	-4.00E-05
-4.00E-05	-0.000465	-4.13E-05	-0.001581
192	-0.000482	-3.51E-05	-9.31E-05
-9.31E-05	-0.000379	-4.02E-05	-0.004103
193	-0.000483	-4.13E-05	-0.000179
-0.000179	-0.000301	-3.86E-05	-0.006579
194	-0.000483	-4.59E-05	-0.000252
-0.000252	-0.000250	-3.37E-05	-0.008582
195	-0.000484	-4.59E-05	-0.000309
-0.000309	-0.000244	-3.29E-05	-0.009689
196	-0.000484	-4.33E-05	-0.000340
-0.000340	-0.000224	-3.35E-05	-0.009689
197	-0.000485	-3.96E-05	-0.000340
-0.000340	-0.000327	-4.01E-05	-0.008580
198	-0.000485	-4.15E-05	-0.000308
-0.000308	-0.000477	-4.86E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000486	-4.18E-05	-0.006575
-0.000250	-0.000588	-5.41E-05	
200	-0.000486	-3.80E-05	-0.004100
-0.000177	-0.000628	-5.54E-05	
201	-0.000487	-3.41E-05	-0.001578
-9.17E-05	-0.000571	-4.73E-05	
202	-0.000487	-2.95E-05	-6.00E-05
-4.00E-05	-0.000461	-3.72E-05	
203	-0.000487	-2.43E-05	-0.001593
-8.99E-05	-0.000377	-3.49E-05	
204	-0.000488	-2.37E-05	-0.004143
-0.000172	-0.000303	-3.60E-05	
205	-0.000488	-2.66E-05	-0.006658
-0.000245	-0.000274	-3.55E-05	
206	-0.000487	-3.34E-05	-0.008708
-0.000306	-0.000265	-3.69E-05	
207	-0.000485	-4.06E-05	-0.009864
-0.000343	-0.000241	-3.97E-05	
208	-0.000487	-4.47E-05	-0.009899
-0.000349	-0.000317	-4.38E-05	
209	-0.000486	-4.67E-05	-0.008808
-0.000322	-0.000470	-5.66E-05	
210	-0.000486	-4.53E-05	-0.006788
-0.000267	-0.000588	-6.52E-05	
211	-0.000485	-3.95E-05	-0.004265
-0.000192	-0.000636	-6.86E-05	
212	-0.000484	-3.19E-05	-0.001660
-0.000101	-0.000588	-5.98E-05	
213	-0.000484	-2.64E-05	-6.10E-05
-5.69E-05	-0.000484	-4.83E-05	
214	-0.000484	-3.07E-05	-0.001849
-9.59E-05	-0.000404	-4.53E-05	
215	-0.000483	-4.10E-05	-0.004842
-0.000179	-0.000333	-4.12E-05	
216	-0.000483	-4.84E-05	-0.007860
-0.000257	-0.000240	-3.44E-05	
217	-0.000482	-5.27E-05	-0.010448
-0.000330	-0.000162	-3.07E-05	
218	-0.000482	-5.46E-05	-0.012146
-0.000388	-0.000134	-3.34E-05	
219	-0.000482	-5.60E-05	-0.012613
-0.000416	-0.000268	-3.44E-05	
220	-0.000482	-5.75E-05	-0.011744
-0.000410	-0.000458	-4.35E-05	
221	-0.000482	-5.76E-05	-0.009585
-0.000370	-0.000655	-5.85E-05	
222	-0.000483	-5.61E-05	-0.006377
-0.000293	-0.000829	-7.70E-05	
223	-0.000483	-5.26E-05	-0.002390
-0.000169	-0.000914	-7.48E-05	
224	-0.000484	-4.97E-05	-0.000115
-0.000130	-0.000908	-9.02E-05	
225	-0.000436	-3.38E-05	-0.000157
-4.13E-05	-0.000219	-3.26E-05	
226	-0.000436	-2.82E-05	-0.002073
-0.000180	-0.000252	-2.70E-05	
227	-0.000436	-1.95E-05	-0.005410
-0.000383	-0.000290	-2.51E-05	
228	-0.000436	-1.52E-05	-0.008109
-0.000469	-0.000274	-3.17E-05	
229	-0.000437	-2.51E-05	-0.009935
-0.000505	-0.000252	-3.10E-05	
230	-0.000436	-3.85E-05	-0.010685
-0.000505	-0.000256	-3.22E-05	
231	-0.000436	-4.07E-05	-0.010313
-0.000470	-0.000418	-4.05E-05	
232	-0.000436	-4.79E-05	-0.008912
-0.000405	-0.000563	-5.01E-05	
233	-0.000436	-4.75E-05	-0.006745
-0.000311	-0.000655	-5.79E-05	
234	-0.000436	-4.58E-05	-0.004200
-0.000192	-0.000675	-6.16E-05	
235	-0.000435	-4.56E-05	-0.001648
-5.49E-05	-0.000600	-5.20E-05	
236	-0.000435	-4.70E-05	-9.15E-05
-1.14E-05	-0.000481	-3.97E-05	
237	-0.000435	-4.88E-05	-0.001450
-9.53E-05	-0.000402	-3.28E-05	
238	-0.000435	-5.16E-05	-0.003648
-0.000231	-0.000337	-3.29E-05	
239	-0.000435	-5.27E-05	-0.005754
-0.000338	-0.000260	-2.76E-05	
240	-0.000435	-5.55E-05	-0.007427
-0.000408	-0.000255	-2.79E-05	
241	-0.000435	-5.78E-05	-0.008327
-0.000436	-0.000239	-3.02E-05	
242	-0.000435	-5.50E-05	-0.008296
-0.000428	-0.000331	-3.57E-05	
243	-0.000435	-4.98E-05	-0.007340
-0.000388	-0.000461	-4.52E-05	
244	-0.000435	-4.07E-05	-0.005640
-0.000310	-0.000554	-4.28E-05	
245	-0.000435	-2.98E-05	-0.003544
-0.000200	-0.000585	-5.64E-05	
246	-0.000435	-2.33E-05	-0.001397
-6.48E-05	-0.000529	-5.02E-05	
247	-0.000435	-2.53E-05	-7.99E-05
-6.23E-06	-0.000424	-4.45E-05	
248	-0.000434	-2.79E-05	-0.001382
-7.58E-05	-0.000358	-4.09E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000434	-3.13E-05	-0.003499
-0.000213	-0.000310	-4.41E-05	
250	-0.000434	-4.08E-05	-0.005558
-0.000323	-0.000264	-4.44E-05	
251	-0.000434	-4.78E-05	-0.007214
-0.000397	-0.000259	-4.45E-05	
252	-0.000433	-5.04E-05	-0.008127
-0.000431	-0.000245	-4.42E-05	
253	-0.000433	-4.92E-05	-0.008127
-0.000431	-0.000311	-4.27E-05	
254	-0.000433	-4.76E-05	-0.007215
-0.000396	-0.000439	-4.78E-05	
255	-0.000432	-4.13E-05	-0.005559
-0.000321	-0.000535	-4.69E-05	
256	-0.000432	-3.18E-05	-0.003501
-0.000211	-0.000572	-4.51E-05	
257	-0.000432	-2.62E-05	-0.001384
-7.47E-05	-0.000523	-4.53E-05	
258	-0.000432	-2.41E-05	-7.95E-05
-6.21E-06	-0.000422	-2.52E-05	
259	-0.000432	-2.38E-05	-0.001398
-6.36E-05	-0.000359	-2.11E-05	
260	-0.000432	-2.94E-05	-0.003546
-0.000198	-0.000313	-2.04E-05	
261	-0.000432	-3.92E-05	-0.005642
-0.000309	-0.000288	-2.22E-05	
262	-0.000432	-4.87E-05	-0.007342
-0.000387	-0.000282	-2.72E-05	
263	-0.000432	-5.40E-05	-0.008297
-0.000428	-0.000263	-3.65E-05	
264	-0.000432	-5.60E-05	-0.008328
-0.000436	-0.000294	-4.71E-05	
265	-0.000432	-5.29E-05	-0.007428
-0.000407	-0.000425	-5.80E-05	
266	-0.000432	-4.50E-05	-0.005756
-0.000337	-0.000529	-6.66E-05	
267	-0.000432	-3.44E-05	-0.003652
-0.000231	-0.000577	-7.00E-05	
268	-0.000432	-2.58E-05	-0.001456
-9.59E-05	-0.000539	-6.14E-05	
269	-0.000432	-2.30E-05	-8.35E-05
-1.09E-05	-0.000445	-5.02E-05	
270	-0.000432	-2.48E-05	-0.001641
-5.42E-05	-0.000386	-4.82E-05	
271	-0.000432	-3.41E-05	-0.004195
-0.000192	-0.000343	-4.47E-05	
272	-0.000432	-4.40E-05	-0.006743
-0.000311	-0.000264	-3.87E-05	
273	-0.000431	-4.97E-05	-0.008911
-0.000405	-0.000198	-3.49E-05	
274	-0.000431	-5.07E-05	-0.010313
-0.000470	-0.000164	-3.20E-05	
275	-0.000431	-4.73E-05	-0.010686
-0.000504	-0.000250	-3.23E-05	
276	-0.000431	-3.86E-05	-0.009936
-0.000505	-0.000407	-4.16E-05	
277	-0.000431	-3.86E-05	-0.008110
-0.000469	-0.000579	-5.61E-05	
278	-0.000431	-4.06E-05	-0.005410
-0.000383	-0.000730	-7.16E-05	
279	-0.000431	-4.82E-05	-0.002072
-0.000180	-0.000800	-6.66E-05	
280	-0.000431	-5.41E-05	-0.000155
-4.25E-05	-0.000796	-7.93E-05	
281	-0.001021	-6.87E-06	.000000
-0.000126	-0.000238	-3.90E-06	
282	-0.000438	-1.37E-05	.000000
-2.80E-05	-0.000499	-6.23E-06	
283	-0.000938	.000000	.000000
-2.01E-05	-0.000429	-5.48E-06	
284	.000000	.000000	.000000
-2.93E-06	-0.000425	-4.96E-06	
285	-0.000767	-3.99E-05	.000000
4.47E-22	-0.000851	-5.44E-06	
286	-0.000426	-8.48E-06	.000000
-9.90E-05	-0.000891	-9.57E-06	
287	-0.000938	-2.53E-05	.000000
-9.93E-05	-0.000222	-4.43E-06	
288	-0.000396	-1.31E-05	.000000
-4.42E-05	-0.000458	-2.89E-06	
289	-0.000807	-5.10E-05	.000000
-1.92E-05	-0.000394	-2.49E-06	
290	.000000	.000000	.000000
-3.93E-06	-0.000390	-1.91E-06	
291	-0.000708	-3.68E-05	.000000
-5.30E-07	-0.000414	-2.42E-06	
292	-0.000389	-3.03E-05	.000000
-7.38E-06	-0.000814	-5.71E-06	
293	-0.000761	-5.69E-05	.000000
-0.000167	-0.000198	-8.73E-06	
294	-0.000329	-9.49E-05	.000000
-9.25E-05	-0.000388	-4.01E-06	
295	-0.000765	-4.64E-05	.000000
-0.000112	-0.000315	-3.78E-06	
296	-4.95E-05	-8.35E-05	.000000
-4.37E-05	-0.000331	-3.84E-06	
297	-0.000578	-0.000246	.000000
-4.72E-05	-0.000357	-3.56E-06	
298	-0.000306	-0.000168	.000000
-3.74E-05	-0.000649	-2.35E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000503	0.000114	3.98E-08
5.10E-05	0.000863	7.98E-06	
2	0.000503	0.000113	0.000701
9.13E-05	0.000846	7.04E-06	
3	0.000503	0.000125	0.001916
0.000187	0.000736	4.52E-06	
4	0.000503	0.000136	0.002997
0.000256	0.000559	3.42E-06	
5	0.000503	0.000140	0.003888
0.000302	0.000356	2.64E-06	
6	0.000504	0.000136	0.004522
0.000328	0.000152	2.21E-06	
7	0.000504	0.000124	0.004824
0.000331	1.34E-05	2.48E-06	
8	0.000504	0.000102	0.004724
0.000311	6.70E-05	3.50E-06	
9	0.000504	7.79E-05	0.004154
0.000267	0.000165	4.47E-06	
10	0.000505	4.99E-05	0.003076
0.000195	0.000271	5.62E-06	
11	0.000505	3.49E-05	0.001451
0.000109	0.000380	6.43E-06	
12	0.000505	4.42E-05	5.67E-08
6.34E-05	0.000450	6.05E-06	
13	0.000505	5.18E-05	0.001597
7.08E-05	0.000504	6.03E-06	
14	0.000505	7.00E-05	0.003311
0.000153	0.000525	5.45E-06	
15	0.000505	8.74E-05	0.004361
0.000219	0.000471	4.27E-06	
16	0.000505	0.000100	0.004816
0.000263	0.000348	3.50E-06	
17	0.000506	0.000106	0.004738
0.000284	0.000186	2.80E-06	
18	0.000506	0.000103	0.004238
0.000291	0.000134	3.21E-06	
19	0.000506	9.26E-05	0.004100
0.000278	0.000180	4.15E-06	
20	0.000506	7.41E-05	0.003701
0.000239	0.000200	4.72E-06	
21	0.000507	4.95E-05	0.002803
0.000173	0.000235	5.69E-06	
22	0.000507	2.38E-05	0.001348
9.07E-05	0.000348	6.51E-06	
23	0.000507	2.21E-05	6.28E-08
4.86E-05	0.000423	6.23E-06	
24	0.000508	3.62E-05	0.001359
7.93E-05	0.000482	6.32E-06	
25	0.000508	5.98E-05	0.002820
0.000161	0.000510	5.58E-06	
26	0.000509	8.16E-05	0.003716
0.000228	0.000462	4.57E-06	
27	0.000509	9.70E-05	0.004105
0.000269	0.000345	3.80E-06	
28	0.000509	0.000108	0.004039
0.000286	0.000187	3.16E-06	
29	0.000510	0.000104	0.004038
0.000286	0.000114	2.87E-06	
30	0.000510	9.47E-05	0.004104
0.000269	0.000153	3.57E-06	
31	0.000511	7.88E-05	0.003715
0.000227	0.000170	4.09E-06	
32	0.000511	5.73E-05	0.002819
0.000161	0.000235	5.06E-06	
33	0.000511	3.52E-05	0.001359
7.94E-05	0.000350	5.92E-06	
34	0.000511	2.27E-05	6.30E-08
4.83E-05	0.000426	5.79E-06	
35	0.000512	2.18E-05	0.001347
8.99E-05	0.000487	6.23E-06	
36	0.000512	4.51E-05	0.002801
0.000171	0.000516	5.58E-06	
37	0.000512	6.73E-05	0.003699
0.000237	0.000469	4.58E-06	
38	0.000512	8.36E-05	0.004098
0.000276	0.000352	3.88E-06	
39	0.000512	9.17E-05	0.004241
0.000289	0.000192	3.34E-06	
40	0.000511	9.09E-05	0.004741
0.000284	0.000113	2.87E-06	
41	0.000511	8.22E-05	0.004820
0.000262	0.000151	3.48E-06	
42	0.000510	6.67E-05	0.004364
0.000219	0.000170	4.13E-06	
43	0.000510	4.84E-05	0.003314
0.000152	0.000274	5.44E-06	
44	0.000509	3.22E-05	0.001598
7.03E-05	0.000410	6.61E-06	
45	0.000509	2.62E-05	5.55E-08
6.74E-05	0.000500	6.93E-06	
46	0.000508	4.08E-05	0.001452
0.000111	0.000573	7.48E-06	
47	0.000508	6.79E-05	0.003076
0.000196	0.000618	7.17E-06	
48	0.000507	9.69E-05	0.004155
0.000268	0.000576	6.50E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000507	0.000123	0.004725
0.000312	0.000454	6.01E-06	
50	0.000507	0.000143	0.004825
0.000332	0.000272	5.52E-06	
51	0.000506	0.000154	0.004523
0.000329	0.000138	4.76E-06	
52	0.000506	0.000156	0.003891
0.000303	0.000152	3.89E-06	
53	0.000506	0.000149	0.003000
0.000257	0.000197	3.68E-06	
54	0.000507	0.000134	0.001917
0.000188	0.000230	4.42E-06	
55	0.000507	0.000118	0.000702
9.38E-05	0.000249	5.88E-06	
56	0.000508	0.000113	4.03E-08
5.32E-05	0.000252	6.31E-06	
57	0.000511	8.70E-05	2.44E-08
4.45E-05	0.000676	4.52E-06	
58	0.000511	8.41E-05	0.000685
7.26E-05	0.000856	3.84E-06	
59	0.000512	8.44E-05	0.001872
0.000169	0.000740	2.09E-06	
60	0.000512	8.24E-05	0.002929
0.000252	0.000562	1.28E-06	
61	0.000512	7.57E-05	0.003799
0.000306	0.000360	1.10E-06	
62	0.000512	6.45E-05	0.004418
0.000332	0.000160	1.20E-06	
63	0.000513	4.95E-05	0.004714
0.000329	2.70E-05	1.36E-06	
64	0.000513	3.19E-05	0.004617
0.000300	6.52E-05	1.48E-06	
65	0.000513	2.02E-05	0.004065
0.000251	0.000160	1.60E-06	
66	0.000513	2.57E-05	0.003020
0.000177	0.000264	2.11E-06	
67	0.000513	3.44E-05	0.001435
8.58E-05	0.000374	2.64E-06	
68	0.000512	4.02E-05	3.88E-08
5.24E-05	0.000451	1.92E-06	
69	0.000512	4.38E-05	0.001578
8.62E-05	0.000512	2.62E-06	
70	0.000513	4.96E-05	0.003253
0.000162	0.000536	2.28E-06	
71	0.000513	5.52E-05	0.004273
0.000225	0.000485	1.48E-06	
72	0.000512	5.71E-05	0.004715
0.000268	0.000359	1.13E-06	
73	0.000512	5.44E-05	0.004638
0.000288	0.000198	1.62E-06	
74	0.000512	4.75E-05	0.004150
0.000289	0.000132	2.08E-06	
75	0.000512	3.71E-05	0.004011
0.000270	0.000178	2.36E-06	
76	0.000513	2.43E-05	0.003625
0.000223	0.000197	2.48E-06	
77	0.000513	1.34E-05	0.002754
0.000155	0.000229	2.68E-06	
78	0.000513	1.51E-05	0.001335
7.15E-05	0.000344	2.91E-06	
79	0.000513	2.03E-05	5.30E-08
2.35E-05	0.000425	2.24E-06	
80	0.000513	2.41E-05	0.001346
7.22E-05	0.000492	2.58E-06	
81	0.000513	3.00E-05	0.002772
0.000154	0.000524	2.53E-06	
82	0.000513	3.85E-05	0.003640
0.000221	0.000477	2.05E-06	
83	0.000514	4.49E-05	0.004017
0.000266	0.000360	1.57E-06	
84	0.000514	4.80E-05	0.003952
0.000285	0.000202	1.09E-06	
85	0.000514	4.70E-05	0.003951
0.000284	0.000112	1.01E-06	
86	0.000514	4.28E-05	0.004016
0.000265	0.000151	1.23E-06	
87	0.000514	3.55E-05	0.003639
0.000219	0.000168	1.46E-06	
88	0.000514	2.74E-05	0.002772
0.000152	0.000209	1.99E-06	
89	0.000514	2.26E-05	0.001346
7.11E-05	0.000346	2.60E-06	
90	0.000515	2.03E-05	5.31E-08
2.36E-05	0.000429	1.87E-06	
91	0.000515	1.55E-05	0.001335
7.14E-05	0.000497	2.44E-06	
92	0.000515	1.29E-05	0.002754
0.000154	0.000532	2.54E-06	
93	0.000515	1.53E-05	0.003624
0.000221	0.000487	2.17E-06	
94	0.000515	2.29E-05	0.004011
0.000269	0.000371	1.75E-06	
95	0.000515	2.78E-05	0.004150
0.000288	0.000221	1.26E-06	
96	0.000515	2.91E-05	0.004638
0.000287	0.000108	9.25E-07	
97	0.000515	2.64E-05	0.004715
0.000267	0.000148	1.11E-06	
98	0.000514	2.23E-05	0.004273
0.000224	0.000167	1.44E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000513	1.95E

131	0.000500	8.25E-05	0.003937
0.000180	0.000175	3.95E-06	
132	0.000500	6.80E-05	0.003555
0.000154	0.000194	4.65E-06	
133	0.000500	4.78E-05	0.002693
0.000109	0.000228	5.09E-06	
134	0.000500	2.59E-05	0.001296
5.15E-05	0.000338	5.68E-06	
135	0.000500	1.63E-05	5.78E-08
2.30E-05	0.000411	5.75E-06	
136	0.000500	2.61E-05	0.001307
4.49E-05	0.000500	5.53E-06	
137	0.000500	4.94E-05	0.002711
0.000102	0.000495	4.81E-06	
138	0.000500	6.87E-05	0.003571
0.000146	0.000448	4.22E-06	
139	0.000500	8.18E-05	0.003943
0.000173	0.000335	3.62E-06	
140	0.000500	8.73E-05	0.003880
0.000181	0.000181	2.79E-06	
141	0.000499	8.80E-05	0.003879
0.000180	0.000111	2.64E-06	
142	0.000499	8.28E-05	0.003943
0.000172	0.000149	3.67E-06	
143	0.000499	7.04E-05	0.003570
0.000145	0.000165	4.30E-06	
144	0.000499	5.20E-05	0.002711
0.000101	0.000228	4.77E-06	
145	0.000499	2.94E-05	0.001307
4.47E-05	0.000341	5.41E-06	
146	0.000499	1.67E-05	5.76E-08
2.29E-05	0.000416	5.52E-06	
147	0.000499	2.13E-05	0.001296
5.07E-05	0.000476	5.35E-06	
148	0.000499	4.23E-05	0.002693
0.000108	0.000506	4.63E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000499	6.11E-05	0.003555
0.000153	0.000462	3.94E-06	
150	0.000499	7.41E-05	0.003937
0.000179	0.000349	3.46E-06	
151	0.000500	7.92E-05	0.004069
0.000184	0.000194	2.71E-06	
152	0.000500	7.62E-05	0.004548
0.000180	0.000107	2.92E-06	
153	0.000500	6.92E-05	0.004623
0.000169	0.000147	3.80E-06	
154	0.000501	5.81E-05	0.004187
0.000142	0.000165	4.42E-06	
155	0.000501	4.19E-05	0.003180
9.92E-05	0.000267	4.96E-06	
156	0.000501	2.57E-05	0.001533
4.44E-05	0.000399	5.75E-06	
157	0.000501	2.79E-05	5.15E-08
3.99E-05	0.000488	5.98E-06	
158	0.000501	3.62E-05	0.001394
6.77E-05	0.000560	5.92E-06	
159	0.000500	5.91E-05	0.002952
0.000129	0.000607	5.43E-06	
160	0.000498	8.15E-05	0.003983
0.000182	0.000570	4.68E-06	
161	0.000499	9.89E-05	0.004526
0.000216	0.000455	4.32E-06	
162	0.000499	0.000109	0.004619
0.000229	0.000282	4.20E-06	
163	0.000498	0.000111	0.004326
0.000220	9.91E-05	4.03E-06	
164	0.000498	0.000103	0.003718
0.000200	0.000148	4.54E-06	
165	0.000498	8.78E-05	0.002864
0.000165	0.000191	5.53E-06	
166	0.000497	7.21E-05	0.001829
0.000114	0.000222	6.35E-06	
167	0.000497	6.94E-05	0.000669
5.19E-05	0.000240	6.94E-06	
168	0.000497	7.70E-05	3.96E-08
3.57E-05	0.000243	7.01E-06	
169	0.000508	9.15E-05	5.52E-05
3.42E-05	0.000909	0.000100	
170	0.000508	9.82E-05	0.000695
5.31E-05	0.000918	8.11E-05	
171	0.000508	0.000110	0.001895
0.000229	0.000835	8.49E-05	
172	0.000508	0.000118	0.002963
0.000320	0.000662	6.57E-05	
173	0.000508	0.000118	0.003843
0.000375	0.000460	4.80E-05	
174	0.000508	0.000109	0.004468
0.000404	0.000260	3.93E-05	
175	0.000508	9.38E-05	0.004767
0.000408	0.000115	3.54E-05	
176	0.000508	7.18E-05	0.004667
0.000383	0.000150	3.52E-05	
177	0.000509	4.72E-05	0.004106
0.000326	0.000236	3.63E-05	
178	0.000508	2.98E-05	0.003042
0.000235	0.000334	4.06E-05	
179	0.000508	3.12E-05	0.001432
0.000106	0.000414	4.11E-05	
180	0.000509	3.79E-05	3.85E-05
4.00E-05	0.000490	4.34E-05	
181	0.000509	4.56E-05	0.001594
8.78E-05	0.000585	5.37E-05	
182	0.000509	6.21E-05	0.003288
0.000203	0.000627	6.10E-05	
183	0.000509	7.73E-05	0.004321
0.000285	0.000578	5.60E-05	
184	0.000509	8.76E-05	0.004768
0.000338	0.000457	4.68E-05	
185	0.000509	8.97E-05	0.004689
0.000360	0.000297	4.01E-05	
186	0.000509	8.38E-05	0.004195
0.000366	0.000228	3.72E-05	
187	0.000509	6.99E-05	0.004055
0.000350	0.000260	3.76E-05	
188	0.000509	5.12E-05	0.003663
0.000300	0.000272	3.88E-05	
189	0.000509	3.05E-05	0.002778
0.000215	0.000303	4.05E-05	
190	0.000509	1.25E-05	0.001338
9.21E-05	0.000259	4.22E-05	
191	0.000510	1.66E-05	2.62E-05
1.85E-05	0.000466	4.49E-05	
192	0.000510	2.83E-05	0.001349
8.80E-05	0.000566	5.48E-05	
193	0.000510	4.63E-05	0.002796
0.000207	0.000615	6.28E-05	
194	0.000511	6.51E-05	0.003678
0.000291	0.000572	6.05E-05	
195	0.000511	7.97E-05	0.004060
0.000342	0.000455	5.43E-05	
196	0.000511	8.68E-05	0.003995
0.000362	0.000299	4.50E-05	
197	0.000511	8.58E-05	0.003994
0.000361	0.000211	4.31E-05	
198	0.000511	7.72E-05	0.004059
0.000341	0.000237	4.29E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000511	6.24E-05	0.003677
0.000289	0.000246	4.42E-05	
200	0.000511	4.39E-05	0.002795
0.000205	0.000304	4.73E-05	
201	0.000512	2.67E-05	0.001349
8.64E-05	0.000388	4.75E-05	
202	0.000512	1.66E-05	2.56E-05
1.85E-05	0.000470	4.93E-05	
203	0.000512	1.18E-05	0.001337
9.07E-05	0.000571	6.02E-05	
204	0.000513	2.78E-05	0.002777
0.000213	0.000622	6.88E-05	
205	0.000513	4.30E-05	0.003662
0.000298	0.000580	6.60E-05	
206	0.000513	5.79E-05	0.004054
0.000348	0.000463	5.81E-05	
207	0.000513	6.68E-05	0.004195
0.000364	0.000306	4.62E-05	
208	0.000513	6.81E-05	0.004689
0.000360	0.000209	3.67E-05	
209	0.000512	6.23E-05	0.004766
0.000338	0.000235	3.38E-05	
210	0.000512	4.97E-05	0.004318
0.000285	0.000245	3.47E-05	
211	0.000511	3.58E-05	0.003283
0.000213	0.000340	4.02E-05	
212	0.000510	2.67E-05	0.001585
8.76E-05	0.000444	4.46E-05	
213	0.000510	2.27E-05	2.81E-05
3.90E-05	0.000540	4.68E-05	
214	0.000509	3.28E-05	0.001440
0.000106	0.000654	5.95E-05	
215	0.000508	5.27E-05	0.003048
0.000235	0.000720	7.01E-05	
216	0.000508	7.36E-05	0.004110
0.000326	0.000685	6.65E-05	
217	0.000508	9.92E-05	0.004670
0.000383	0.000565	5.62E-05	
218	0.000508	0.000120	0.004769
0.000408	0.000387	4.60E-05	
219	0.000507	0.000133	0.004469
0.000404	0.000238	4.22E-05	
220	0.000507	0.000137	0.003843
0.000376	0.000239	4.20E-05	
221	0.000508	0.000131	0.002962
0.000320	0.000267	4.25E-05	
222	0.000508	0.000118	0.001891
0.000230	0.000289	4.31E-05	
223	0.000508	0.000102	0.000690
5.30E-05	0.000271	3.61E-05	
224	0.000509	9.22E-05	5.50E-05
3.37E-05	0.000251	4.41E-05	
225	0.000504	8.14E-05	6.24E-05
5.22E-05	0.000901	9.48E-05	
226	0.000505	7.82E-05	0.000676
6.45E-05	0.000903	7.79E-05	
227	0.000505	7.43E-05	0.001849
0.000191	0.000814	8.20E-05	
228	0.000505	7.41E-05	0.002895
0.000278	0.000642	6.36E-05	
229	0.000506	7.85E-05	0.003758
0.000333	0.000443	4.71E-05	
230	0.000506	7.94E-05	0.004371
0.000358	0.000252	3.85E-05	
231	0.000506	7.29E-05	0.004665
0.000353	0.000130	3.62E-05	
232	0.000506	5.97E-05	0.004570
0.000324	0.000152	3.50E-05	
233	0.000506	4.67E-05	0.004023
0.000271	0.000235	3.45E-05	
234	0.000506	3.62E-05	0.002985
0.000199	0.000332	3.84E-05	
235	0.000506	2.63E-05	0.001409
0.000107	0.000411	3.90E-05	
236	0.000506	3.75E-05	3.40E-05
6.70E-05	0.000486	4.06E-05	
237	0.000506	4.03E-05	0.001538
0.000118	0.000578	5.13E-05	
238	0.000506	4.57E-05	0.003206
0.000192	0.000617	5.90E-05	
239	0.000506	5.55E-05	0.004223
0.000247	0.000567	5.39E-05	
240	0.000506	6.62E-05	0.004665
0.000288	0.000446	4.58E-05	
241	0.000506	7.09E-05	0.004590
0.000307	0.000290	3.96E-05	
242	0.000506	6.85E-05	0.004108
0.000307	0.000228	3.74E-05	
243	0.000506	5.94E-05	0.003972
0.000291	0.000259	3.87E-05	
244	0.000506	4.52E-05	0.003587
0.000249	0.000270	4.12E-05	
245	0.000506	2.94E-05	0.002718
0.000187	0.000301	4.52E-05	
246	0.000506	1.78E-05	0.001304
0.000104	0.000382	4.72E-05	
247	0.000506	1.71E-05	2.85E-05
4.59E-05	0.000461	4.79E-05	
248	0.000506	1.94E-05	0.001316
0.000106	0.000558	5.72E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000506	3.34E-05	0.002736
0.000183	0.000606	6.49E-05	
250	0.000506	4.76E-05	0.003602
0.000241	0.000563	6.27E-05	
251	0.000506	5.91E-05	0.003978
0.000283	0.000449	5.66E-05	
252	0.000506	6.56E-05	0.003914
0.000299	0.000296	4.90E-05	
253	0.000506	6.56E-05	0.003914
0.000299	0.000209	4.22E-05	
254	0.000506	6.01E-05	0.003977
0.000281	0.000234	3.67E-05	
255	0.000506	4.92E-05	0.003602
0.000239	0.000343	3.43E-05	
256	0.000506	3.53E-05	0.002736
0.000180	0.000300	3.56E-05	
257	0.000506	2.13E-05	0.001315
0.000104	0.000384	3.93E-05	2.81E-05
258	0.000506	1.69E-05	
4.62E-05	0.000464	4.33E-05	
259	0.000506	1.59E-05	0.001304
0.000102	0.000563	5.48E-05	
260	0.000506	2.58E-05	0.002718
0.000185	0.000615	6.50E-05	
261	0.000507	3.71E-05	0.003587
0.000247	0.000575	6.42E-05	
262	0.000507	4.82E-05	0.003972
0.000289	0.000462	4.75E-05	
263	0.000507	5.43E-05	0.004108
0.000306	0.000306	4.90E-05	
264	0.000507	5.37E-05	0.004591
0.000306	0.000204	4.55E-05	
265	0.000507	4.66E-05	0.004666
0.000287	0.000230	4.48E-05	
266	0.000507	3.65E-05	0.004226
0.000247	0.000241	4.44E-05	
267	0.000506	2.54E-05	0.003211
0.000192	0.000335	4.43E-05	
268	0.000506	2.34E-05	0.001545
0.000119	0.000437	4.60E-05	
269	0.000506	2.77E-05	3.09E-05
6.89E-05	0.000531	4.87E-05	
270	0.000505	3.26E-05	0.001404
0.000106	0.000644	5.99E-05	
271	0.000505	3.94E-05	0.002981
0.000199	0.000713	6.88E-05	
272	0.000504	5.26E-05	0.004021
0.000271	0.000681	6.51E-05	
273	0.000504	6.80E-05	0.004569
0.000324	0.000566	5.53E-05	
274	0.000503	8.02E-05	0.004665
0.000353	0.000392	4.69E-05	
275	0.000503	8.72E-05	0.004371
0.000358	0.000216	4.10E-05	
276	0.000503	8.61E-05	0.003758
0.000333	0.000231	3.97E-05	
277	0.000503	7.89E-05	0.002897
0.000278	0.000262	3.91E-05	
278	0.000503	7.49E-05	0.001852
0.000190	0.000264	4.03E-05	
279	0.000503	7.40E-05	0.000680
6.47E-05	0.000266	3.45E-05	
280	0.000503	8.06E-05	6.32E-05
5.27E-05	0.000245	4.25E-05	
281	0.000528	1.33E-05	.000000
6.31E-05	0.000864	7.98E-06	
282	0.000546	1.71E-05	.000000
5.94E-05	0.000451	6.05E-06	
283	0.000668	.000000	.000000
4.85E-05	0.000423	6.23E-06	
284	.000000	.000000	.000000
3.08E-05	0.000428	5.79E-06	
285	0.000983	5.12E-05	.000000
2.51E-05	0.000503	6.93E-06	
286	0.000804	1.60E-05	.000000
4.99E-05	0.000654	6.31E-06	
287	0.000534	5.24E-05	.000000
8.52E-05	0.000876	4.52E-06	
288	0.000550	1.12E-05	.000000
5.24E-05	0.000450	1.99E-06	
289	0.000666	.000000	.000000
2.35E-05	0.000425	2.24E-06	
290	.000000	.000000	.000000
6.72E-06	0.000429	1.87E-06	
291	0.000986	5.13E-05	.000000
6.31E-06	0.000502	2.87E-06	
292	0.000826	6.42E-05	.000000
1.52E-05	0.000251	3.95E-06	
293	0.000526	3.59E-05	.000000
0.000115	0.000827	6.65E-06	
294	0.000532	1.10E-05	.000000
5.59E-05	0.000433	5.32E-06	
295	0.000654	2.79E-05	.000000
8.48E-05	0.000402	5.75E-06	
296	2.48E-06	3.00E-05	.000000
7.02E-06	0.000416	5.53E-06	
297	0.000915	0.000261	.000000
5.30E-21	0.000478	5.98E-06	
298	0.000756	0.000192	.000000
1.73E-05	0.000248	7.01E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G2-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000499	-5.68E-05	-2.19E-07
-0.000112	-0.000252	-5.97E-06	
2	-0.000499	-5.41E-05	-0.002386
-0.000133	-0.000249	-5.60E-06	
3	-0.000499	-6.61E-05	-0.006383
-0.000179	-0.000230	-4.36E-06	
4	-0.000499	-8.13E-05	-0.009584
-0.000220	-0.000197	-5.97E-06	
5	-0.000499	-9.19E-05	-0.011717
-0.000240	-0.000153	-4.75E-06	
6	-0.000499	-9.64E-05	-0.012587
-0.000238	-0.000138	-5.59E-06	
7	-0.000500	-9.38E-05	-0.012135
-0.000223	-0.000573	-6.73E-06	
8	-0.000500	-9.10E-05	-0.010483
-0.000198	-0.000454	-6.58E-06	
9	-0.000500	-8.50E-05	-0.007926
-0.000159	-0.000577	-7.15E-06	
10	-0.000500	-8.03E-05	-0.004910
-0.000106	-0.000618	-7.93E-06	
11	-0.000501	-8.37E-05	-0.001890
-4.55E-05	0.000574	-8.09E-06	
12	-0.000500	-8.67E-05	-2.77E-07
-2.87E-05	-0.000500	-6.94E-06	
13	-0.000500	-7.96E-05	-0.001673
-5.84E-05	-0.000410	-6.15E-06	
14	-0.000500	-8.47E-05	-0.004264
-0.000118	-0.000574	-4.03E-06	
15	-0.000500	-0.000101	-0.006742
-0.000167	-0.000170	-3.91E-06	
16	-0.000500	-0.000111	-0.008701
-0.000194	-0.000151	-3.52E-06	
17	-0.000500	-0.000113	-0.009754
-0.000200	-0.000113	-3.75E-06	
18	-0.000501	-0.000107	-0.009718
-0.000191	-0.000192	-4.26E-06	
19	-0.000501	-9.28E-05	-0.008603
-0.000179	-0.000352	-4.61E-06	
20	-0.000501	-7.26E-05	-0.006610
-0.000150	-0.000469	-5.21E-06	
21	-0.000502	-6.25E-05	-0.004140
-0.000104	-0.000516	-6.26E-06	
22	-0.000502	-5.95E-05	-0.001605
-4.45E-05	-0.000487	-6.88E-06	
23	-0.000502	-5.83E-05	-2.66E-07
-1.85E-05	-0.000427	-6.30E-06	
24	-0.000503	-5.70E-05	-0.001588
-4.95E-05	-0.000350	-6.11E-06	
25	-0.000503	-6.52E-05	-0.004089
-0.000110	-0.000235	-5.11E-06	
26	-0.000503	-8.22E-05	-0.006515
-0.000158	-0.000170	-4.02E-06	
27	-0.000504	-9.36E-05	-0.008458
-0.000186	-0.000153	-3.49E-06	
28	-0.000504	-9.73E-05	-0.009525
-0.000194	-0.000141	-2.88E-06	
29	-0.000505	-9.38E-05	-0.009524
-0.000194	-0.000187	-3.28E-06	
30	-0.000506	-9.05E-05	-0.008457
-0.000185	-0.000346	-3.84E-06	
31	-0.000506	-7.95E-05	-0.006513
-0.000157	-0.000462	-4.51E-06	
32	-0.000507	-6.41E-05	-0.004087
-0.000110	-0.000510	-5.53E-06	
33	-0.000507	-5.69E-05	-0.001587
-4.97E-05	-0.000482	-6.19E-06	
34	-0.000507	-5.79E-05	-2.66E-07
-1.89E-05	-0.000423	-5.83E-06	
35	-0.000507	-5.95E-05	-0.001604
-4.33E-05	-0.000348	-5.97E-06	
36	-0.000507	-6.30E-05	-0.004139
-0.000102	-0.000235	-5.15E-06	
37	-0.000507	-7.15E-05	-0.006609
-0.000149	-0.000200	-4.30E-06	
38	-0.000507	-8.44E-05	-0.008603
-0.000178	-0.000181	-3.76E-06	
39	-0.000507	-9.69E-05	-0.009719
-0.000190	-0.000135	-2.91E-06	
40	-0.000507	-0.000102	-0.009755
-0.000200	-0.000186	-3.12E-06	
41	-0.000506	-9.81E-05	-0.008703
-0.000194	-0.000348	-3.81E-06	
42	-0.000505	-8.58E-05	-0.006743
-0.000167	-0.000471	-4.65E-06	
43	-0.000505	-6.72E-05	-0.004265
-0.000119	-0.000525	-5.78E-06	
44	-0.000504	-5.95E-05	-0.001674
-5.84E-05	-0.000504	-6.63E-06	
45	-0.000504	-5.57E-05	-2.76E-07
-3.25E-05	-0.000450	-6.31E-06	
46	-0.000504	-5.95E-05	-0.001891
-4.45E-05	-0.000380	-6.24E-06	
47	-0.000503	-6.97E-05	-0.004910
-0.000106	-0.000271	-5.34E-06	
48	-0.000503	-9.19E-05	-0.007927
-0.000158	-0.000165	-4.32E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000502	-0.000109	-0.010482
-0.000197	-6.70E-05	-3.37E-06	
50	-0.000502	-0.000118	-0.012134
-0.000223	-1.34E-05	-2.47E-06	
51	-0.000502	-0.000121	-0.012586
-0.000239	-0.000152	-2.53E-06	
52	-0.000502	-0.000117	-0.011716
-0.000240	-0.000356	-3.09E-06	
53	-0.000502	-0.000106	-0.009583
-0.000221	-0.000559	-3.86E-06	
54	-0.000502	-8.79E-05	-0.006382
-0.000180	-0.000736	-4.88E-06	
55	-0.000503	-6.73E-05	-0.002386
-0.000133	-0.000846	-7.26E-06	
56	-0.000503	-6.25E-05	-2.19E-07
-0.000112	-0.000864	-8.23E-06	
57	-0.000507	-4.03E-05	-3.85E-07
-0.000122	-0.000248	-4.34E-06	
58	-0.000507	-3.40E-05	-0.002411
-0.000148	-0.000245	-3.75E-06	
59	-0.000508	-2.55E-05	-0.006441
-0.000240	-0.000226	-1.93E-06	
60	-0.000508	-1.98E-05	-0.009675
-0.000312	-0.000194	-1.86E-06	
61	-0.000508	-1.61E-05	-0.011846
-0.000352	-0.000150	-2.59E-06	
62	-0.000508	-1.50E-05	-0.012731
-0.000359	-0.000132	-3.33E-06	
63	-0.000508	-1.51E-05	-0.012275
-0.000337	-0.000297	-3.97E-06	
64	-0.000508	-1.70E-05	-0.010588
-0.000290	-0.000475	-4.33E-06	
65	-0.000508	-1.96E-05	-0.007989
-0.000227	-0.000594	-4.27E-06	
66	-0.000508	-2.68E-05	-0.004935
-0.000153	-0.000631	-3.82E-06	
67	-0.000507	-4.07E-05	-0.001891
-7.16E-05	-0.000580	-3.18E-06	
68	-0.000507	-5.00E-05	-4.84E-07
-4.13E-05	-0.000500	-2.78E-06	
69	-0.000507	-5.74E-05	-0.001685
-8.47E-05	-0.000405	-3.14E-06	
70	-0.000507	-6.45E-05	-0.004323
-0.000177	-0.000268	-2.00E-06	
71	-0.000507	-6.66E-05	-0.006860
-0.000250	-0.000167	-8.44E-07	
72	-0.000507	-6.41E-05	-0.008873
-0.000296	-0.000148	-1.02E-06	
73	-0.000507	-5.77E-05	-0.009957
-0.000312	-0.000108	-1.64E-06	
74	-0.000507	-4.86E-05	-0.009919
-0.000301	-0.000211	-2.28E-06	
75	-0.000507	-3.87E-05	-0.008771
-0.000273	-0.000371	-2.62E-06	
76	-0.000507	-2.83E-05	-0.006726
-0.000220	-0.000487	-3.13E-06	
77	-0.000508	-2.37E-05	-0.004197
-0.000149	-0.000532	-3.27E-06	
78	-0.000508	-2.20E-05	-0.001617
-6.56E-05	-0.000497	-3.02E-06	
79	-0.000508	-2.82E-05	-4.75E-07
-1.69E-05	-0.000429	-2.44E-06	
80	-0.000508	-3.26E-05	-0.001601
-7.01E-05	-0.000346	-2.82E-06	
81	-0.000508	-3.68E-05	-0.004150
-0.000159	-0.000229	-1.94E-06	
82	-0.000509	-3.90E-05	-0.006635
-0.000232	-0.000168	-1.40E-06	
83	-0.000509	-3.89E-05	-0.008631
-0.000282	-0.000151	-1.12E-06	
84	-0.000509	-3.67E-05	-0.009730
-0.000303	-0.000112	-9.48E-07	
85	-0.000509	-3.42E-05	-0.009730
-0.000302	-0.000202	-1.21E-06	
86	-0.000509	-3.57E-05	-0.008631
-0.000280	-0.000360	-1.68E-06	
87	-0.000509	-3.58E-05	-0.006634
-0.000230	-0.000477	-2.10E-06	
88	-0.000510	-3.42E-05	-0.004149
-0.000157	-0.000524	-2.49E-06	
89	-0.000510	-3.14E-05	-0.001600
-6.90E-05	-0.000492	-2.41E-06	
90	-0.000510	-2.83E-05	-4.75E-07
-1.69E-05	-0.000425	-1.87E-06	
91	-0.000510	-2.27E-05	-0.001616
-6.54E-05	-0.000344	-2.59E-06	
92	-0.000510	-2.07E-05	-0.004197
-0.000148	-0.000229	-2.09E-06	
93	-0.000510	-2.12E-05	-0.006725
-0.000219	-0.000197	-1.65E-06	
94	-0.000510	-2.49E-05	-0.008771
-0.000272	-0.000178	-1.44E-06	
95	-0.000510	-3.01E-05	-0.009918
-0.000300	-0.000132	-1.15E-06	
96	-0.000510	-3.44E-05	-0.009956
-0.000311	-0.000198	-1.69E-06	
97	-0.000509	-3.68E-05	-0.008872
-0.000296	-0.000359	-1.56E-06	
98	-0.000509	-3.66E-05	-0.006859
-0.000249	-0.000482	-2.09E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000509	-3.37E-05	-0.004323
-0.000175	-0.000536	-2.91E-06	
100	-0.000508	-2.92E-05	-0.001685
-8.26E-05	-0.000512	-2.72E-06	
101	-0.000508	-2.90E-05	-4.87E-07
-3.69E-05	-0.000451	-2.36E-06	
102	-0.000507	-3.08E-05	-0.001891

132	-0.000497	-7.50E-05	-0.006360
-0.000244	-0.000462	-4.22E-06	
133	-0.000497	-5.89E-05	-0.003984
-0.000173	-0.000506	-4.89E-06	
134	-0.000497	-3.99E-05	-0.001544
-9.35E-05	-0.000476	-5.53E-06	
135	-0.000497	-3.19E-05	-2.60E-07
-6.58E-05	-0.000416	-5.66E-06	
136	-0.000497	-3.40E-05	-0.001527
-0.000105	-0.000341	-5.51E-06	
137	-0.000497	-5.56E-05	-0.003934
-0.000183	-0.000328	-4.88E-06	
138	-0.000496	-7.43E-05	-0.006267
-0.000254	-0.000165	-4.42E-06	
139	-0.000496	-8.61E-05	-0.008136
-0.000299	-0.000149	-3.80E-06	
140	-0.000496	-8.97E-05	-0.009161
-0.000319	-0.000111	-2.91E-06	
141	-0.000495	-8.82E-05	-0.009161
-0.000319	-0.000181	-2.67E-06	
142	-0.000495	-8.59E-05	-0.008135
-0.000299	-0.000335	-3.43E-06	
143	-0.000495	-7.53E-05	-0.006267
-0.000253	-0.000448	-4.08E-06	
144	-0.000494	-5.77E-05	-0.003934
-0.000183	-0.000495	-4.66E-06	
145	-0.000494	-3.63E-05	-0.001527
-0.000105	-0.000469	-5.36E-06	
146	-0.000494	-3.09E-05	-2.60E-07
-6.60E-05	-0.000411	-5.56E-06	
147	-0.000494	-3.81E-05	-0.001544
-9.30E-05	-0.000338	-5.44E-06	
148	-0.000495	-5.67E-05	-0.003983
-0.000172	-0.000228	-4.82E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000495	-7.41E-05	-0.006359
-0.000243	-0.000194	-4.44E-06	
150	-0.000495	-8.43E-05	-0.008275
-0.000291	-0.000175	-3.76E-06	
151	-0.000495	-9.09E-05	-0.009347
-0.000315	-0.000130	-2.71E-06	
152	-0.000495	-9.26E-05	-0.009381
-0.000324	-0.000174	-2.77E-06	
153	-0.000495	-8.88E-05	-0.008369
-0.000309	-0.000330	-3.62E-06	
154	-0.000495	-7.67E-05	-0.006484
-0.000265	-0.000450	-4.22E-06	
155	-0.000495	-5.76E-05	-0.004101
-0.000195	-0.000505	-4.71E-06	
156	-0.000495	-3.51E-05	-0.001608
-0.000120	-0.000487	-5.32E-06	
157	-0.000494	-2.83E-05	-2.71E-07
-8.03E-05	-0.000435	-5.53E-06	
158	-0.000494	-4.04E-05	-0.001815
-8.63E-05	-0.000368	-5.54E-06	
159	-0.000494	-6.29E-05	-0.004712
-0.000172	-0.000262	-4.97E-06	
160	-0.000493	-8.31E-05	-0.007604
-0.000250	-0.000159	-3.88E-06	
161	-0.000493	-9.68E-05	-0.010052
-0.000310	-6.47E-05	-2.66E-06	
162	-0.000493	-0.000103	-0.011629
-0.000351	-3.16E-05	-1.57E-06	
163	-0.000493	-0.000100	-0.012058
-0.000372	-0.000138	-2.21E-06	
164	-0.000493	-8.79E-05	-0.011218
-0.000372	-0.000327	-3.39E-06	
165	-0.000493	-6.88E-05	-0.009171
-0.000347	-0.000524	-4.53E-06	
166	-0.000493	-4.95E-05	-0.006104
-0.000296	-0.000699	-5.73E-06	
167	-0.000493	-5.43E-05	-0.002280
-0.000219	-0.000810	-6.50E-06	
168	-0.000493	-5.73E-05	-2.08E-07
-0.000187	-0.000828	-6.61E-06	
169	-0.000504	-3.25E-05	-0.000113
-0.000158	-0.000249	-3.53E-05	
170	-0.000504	-3.70E-05	-0.002438
-0.000143	-0.000270	-2.86E-05	
171	-0.000504	-4.54E-05	-0.006479
-0.000249	-0.000289	-3.38E-05	
172	-0.000504	-5.12E-05	-0.009731
-0.000320	-0.000267	-3.32E-05	
173	-0.000504	-5.41E-05	-0.011920
-0.000360	-0.000239	-3.27E-05	
174	-0.000504	-5.49E-05	-0.012808
-0.000372	-0.000238	-3.41E-05	
175	-0.000504	-5.44E-05	-0.012347
-0.000355	-0.000387	-4.02E-05	
176	-0.000504	-5.10E-05	-0.010644
-0.000314	-0.000565	-5.42E-05	
177	-0.000504	-4.65E-05	-0.008029
-0.000257	-0.000685	-6.36E-05	
178	-0.000503	-4.61E-05	-0.004963
-0.000191	-0.000720	-6.68E-05	
179	-0.000504	-5.08E-05	-0.001903
-0.000111	-0.000655	-5.73E-05	
180	-0.000504	-5.63E-05	-6.13E-05
-6.17E-05	-0.000540	-4.58E-05	
181	-0.000504	-6.37E-05	-0.001712
-0.000106	-0.000442	-4.27E-05	
182	-0.000503	-6.93E-05	-0.004351
-0.000195	-0.000340	-3.96E-05	
183	-0.000503	-7.66E-05	-0.006888
-0.000261	-0.000246	-3.89E-05	
184	-0.000503	-8.04E-05	-0.008909
-0.000305	-0.000235	-3.90E-05	
185	-0.000503	-7.98E-05	-0.009999
-0.000323	-0.000209	-3.93E-05	
186	-0.000503	-7.38E-05	-0.009962
-0.000316	-0.000306	-4.03E-05	
187	-0.000504	-6.42E-05	-0.008806
-0.000292	-0.000463	-4.66E-05	
188	-0.000504	-5.09E-05	-0.006750
-0.000245	-0.000580	-5.43E-05	
189	-0.000504	-3.87E-05	-0.004220
-0.000183	-0.000622	-5.87E-05	
190	-0.000504	-3.04E-05	-0.001636
-0.000103	-0.000572	-5.06E-05	
191	-0.000505	-3.18E-05	-5.63E-05
-4.19E-05	-0.000470	-4.16E-05	
192	-0.000505	-3.49E-05	-0.001619
-0.000101	-0.000388	-4.00E-05	
193	-0.000505	-4.69E-05	-0.004171
-0.000185	-0.000304	-3.69E-05	
194	-0.000505	-5.75E-05	-0.006658
-0.000248	-0.000246	-3.29E-05	
195	-0.000506	-6.27E-05	-0.008663
-0.000293	-0.000237	-3.31E-05	
196	-0.000506	-6.34E-05	-0.009770
-0.000313	-0.000211	-3.58E-05	
197	-0.000506	-6.03E-05	-0.009769
-0.000312	-0.000299	-4.54E-05	
198	-0.000507	-5.91E-05	-0.008662
-0.000291	-0.000455	-5.72E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000507	-5.41E-05	-0.006657
-0.000246	-0.000572	-6.53E-05	
200	-0.000507	-4.42E-05	-0.004169
-0.000182	-0.000615	-6.82E-05	
201	-0.000507	-3.41E-05	-0.001618
-0.000100	-0.000566	-5.99E-05	
202	-0.000508	-3.19E-05	-5.54E-05
-4.19E-05	-0.000466	-4.92E-05	
203	-0.000508	-3.11E-05	-0.001635
-0.000102	-0.000385	-4.75E-05	
204	-0.000508	-3.73E-05	-0.004219
-0.000181	-0.000303	-4.75E-05	
205	-0.000508	-4.65E-05	-0.006749
-0.000243	-0.000272	-4.46E-05	
206	-0.000508	-5.71E-05	-0.008804
-0.000290	-0.000260	-4.35E-05	
207	-0.000508	-6.52E-05	-0.009961
-0.000314	-0.000228	-4.39E-05	
208	-0.000507	-6.88E-05	-0.009998
-0.000322	-0.000297	-4.57E-05	
209	-0.000272	-5.73E-05	-0.008907
-0.000305	-0.000457	-5.54E-05	
210	-0.000507	-6.07E-05	-0.006885
-0.000261	-0.000578	-6.22E-05	
211	-0.000506	-4.90E-05	-0.004346
-0.000195	-0.000628	-6.49E-05	
212	-0.000505	-3.60E-05	-0.001704
-0.000105	-0.000586	-5.73E-05	
213	-0.000505	-2.85E-05	-5.84E-05
-6.09E-05	-0.000490	-4.75E-05	
214	-0.000505	-3.51E-05	-0.001914
-0.000111	-0.000413	-4.59E-05	
215	-0.000505	-5.03E-05	-0.004971
-0.000191	-0.000334	-4.38E-05	
216	-0.000504	-6.33E-05	-0.008035
-0.000257	-0.000235	-3.89E-05	
217	-0.000504	-7.18E-05	-0.010648
-0.000314	-0.000149	-3.86E-05	
218	-0.000504	-7.67E-05	-0.012350
-0.000355	-0.000115	-3.92E-05	
219	-0.000504	-7.88E-05	-0.012810
-0.000372	-0.000260	-4.85E-05	
220	-0.000504	-7.85E-05	-0.011921
-0.000360	-0.000461	-4.85E-05	
221	-0.000504	-7.44E-05	-0.009732
-0.000319	-0.000662	-6.26E-05	
222	-0.000505	-6.65E-05	-0.006481
-0.000248	-0.000835	-6.79E-05	
223	-0.000505	-5.49E-05	-0.002441
-0.000143	-0.000918	-7.89E-05	
224	-0.000505	-4.90E-05	-0.000115
-0.000158	-0.000909	-9.63E-05	
225	-0.000501	-3.44E-05	-0.000158
-0.000108	-0.000246	-3.82E-05	
226	-0.000501	-2.87E-05	-0.002397
-0.000155	-0.000267	-3.13E-05	
227	-0.000501	-2.20E-05	-0.006347
-0.000321	-0.000285	-3.75E-05	
228	-0.000502	-1.86E-05	-0.009530
-0.000401	-0.000262	-3.67E-05	
229	-0.000502	-2.79E-05	-0.011673
-0.000439	-0.000231	-3.96E-05	
230	-0.000502	-3.96E-05	-0.012545
-0.000446	-0.000216	-3.69E-05	
231	-0.000502	-4.62E-05	-0.012097
-0.000424	-0.000392	-4.38E-05	
232	-0.000502	-4.73E-05	-0.010436
-0.000377	-0.000565	-5.45E-05	
233	-0.000502	-4.59E-05	-0.007880
-0.000305	-0.000681	-6.44E-05	
234	-0.000501	-4.30E-05	-0.004882
-0.000209	-0.000712	-6.86E-05	
235	-0.000501	-4.22E-05	-0.001891
-8.60E-05	-0.000643	-5.83E-05	
236	-0.000501	-4.82E-05	-9.73E-05
-3.09E-05	-0.000531	-4.53E-05	
237	-0.000501	-5.50E-05	-0.001675
-0.000105	-0.000438	-4.27E-05	
238	-0.000501	-6.22E-05	-0.004265
-0.000232	-0.000335	-4.13E-05	
239	-0.000501	-6.48E-05	-0.006757
-0.000322	-0.000241	-3.92E-05	
240	-0.000501	-6.63E-05	-0.008742
-0.000378	-0.000230	-3.69E-05	
241	-0.000501	-6.59E-05	-0.009811
-0.000396	-0.000204	-3.81E-05	
242	-0.000501	-6.03E-05	-0.009776
-0.000387	-0.000306	-4.17E-05	
243	-0.000501	-5.31E-05	-0.008643
-0.000360	-0.000462	-4.83E-05	
244	-0.000501	-4.45E-05	-0.006629
-0.000301	-0.000575	-5.59E-05	
245	-0.000501	-3.30E-05	-0.004147
-0.000211	-0.000615	-6.01E-05	
246	-0.000502	-2.42E-05	-0.001613
-8.91E-05	-0.000563	-5.33E-05	
247	-0.000502	-2.60E-05	-8.75E-05
-2.02E-05	-0.000464	-4.38E-05	
248	-0.000502	-3.19E-05	-0.001598
-9.37E-05	-0.000384	-4.17E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000502	-3.91E-05	-0.004099
-0.000319	-0.000300	-4.33E-05	
250	-0.000502	-4.90E-05	-0.006538
-0.000310	-0.000243	-4.33E-05	
251	-0.000502	-5.48E-05	-0.008504
-0.000367	-0.000234	-4.39E-05	
252	-0.000502	-5.56E-05	-0.009588
-0.000390	-0.000209	-4.47E-05	
253	-0.000501	-5.41E-05	-0.009588
-0.000389	-0.000296	-4.83E-05	
254	-0.000501	-5.43E-05	-0.008504
-0.000366	-0.000449	-5.67E-05	
255	-0.000501	-4.93E-05	-0.006538
-0.000308	-0.000563	-6.35E-05	
256	-0.000501	-3.98E-05	-0.004098
-0.000217	-0.000606	-6.09E-05	
257	-0.000501	-3.12E-05	-0.001597
-9.23E-05	-0.000558	-5.44E-05	
258	-0.000502	-2.58E-05	-8.71E-05
-2.00E-05	-0.000461	-4.31E-05	
259	-0.000502	-2.41E-05	-0.001613
-8.76E-05	-0.000382	-3.92E-05	
260	-0.000502	-3.04E-05	-0.004147
-0.000209	-0.000301	-3.67E-05	
261	-0.000502	-4.01E-05	-0.006628
-0.000299	-0.000270	-3.54E-05	
262	-0.000502	-4.80E-05	-0.008643
-0.000358	-0.000259	-3.70E-05	
263	-0.000502	-5.58E-05	-0.009775
-0.000385	-0.000228	-4.27E-05	
264	-0.000502	-5.94E-05	-0.009811
-0.000396	-0.000290	-4.97E-05	
265	-0.000502	-5.82E-05	-0.008742
-0.000377	-0.000446	-5.75E-05	
266	-0.000501	-5.17E-05	-0.006758
-0.000322	-0.000366	-5.67E-05	
267	-0.000501	-4.07E-05	-0.004268
-0.000232	-0.000617	-6.67E-05	
268	-0.000501	-2.87E-05	-0.001680
-0.000105	-0.000577	-5.94E-05	
269	-0.000500	-2.40E-05	-9.06E-05
-3.06E-05	-0.000486	-5.03E-05	
270	-0.000500	-2.96E-05	-0.001884
-8.55E-05	-0.000411	-5.00E-05	
271	-0.000500	-4.27E-05	-0.004878
-0.000209	-0.000332	-4.83E-05	
272	-0.000499	-5.42E-05	-0.007878
-0.000305	-0.000235	-4.40E-05	
273	-0.000499	-6.05E-05	-0.010435
-0.000377	-0.000152	-4.13E-05	
274	-0.000499	-6.17E-05	-0.012098
-0.000424	-0.000130	-3.99E-05	
275	-0.000499	-5.85E-05	-0.012546
-0.000445	-0.000252	-3.96E-05	
276	-0.000499	-5.05E-05	-0.011674
-0.000439	-0.000443	-4.74E-05	
277	-0.000499	-4.94E-05	-0.009530
-0.000401	-0.000643	-6.24E-05	
278	-0.000499	-4.96E-05	-0.006348
-0.000321	-0.000815	-8.07E-05	
279	-0.000499	-5.36E-05	-0.002395
-0.000155	-0.000903	-7.69E-05	
280	-0.000499	-5.67E-05	-0.000156
-0.000109	-0.000902	-9.32E-05	
281	-0.001004	-6.99E-06	.000000
-0.000107	-0.000251	-5.97E-06	
282	-0.000427	-1.34E-05	.000000
-2.41E-05	-0.000499	-6.94E-06	
283	-0.000946	.000000	.000000
-1.84E-05	-0.000427	-6.30E-06	
284	.000000	.000000	.000000
-1.48E-06	-0.000423	-5.83E-06	
285	-0.000778	-4.05E-05	.000000
6.24E-22	-0.000450	-6.31E-06	
286	-0.000422	-8.38E-06	.000000
-8.15E-05	-0.000867	-8.23E-06	
287	-0.001014	-2.76E-05	.000000
-9.39E-05	-0.000744	-4.03E-05	
288	-0.000431	-1.43E-05	.000000
-4.39E-05	-0.000500	-2.78E-06	
289	-0.000952	.000000	.000000
-1.69E-05	-0.000429	-2.44E-06	
290	.000000	.000000	.000000
-5.03E-07	-0.000425	-1.87E-06	
291	-0.000775	-4.03E-05	.000000
-1.06E-06	-0.000452	-2.36E-06	
292	-0.000424	-3.30E-05	.000000
6.94E-21	-0.000881	-5.67E-06	
293	-0.000978	-4.35E-05	.000000
-0.000164	-0.000230	-7.67E-06	
294	-0.000421	-9.29E-05	.000000
-0.000106	-0.000479	-5.67E-06	
295	-0.000928	-3.46E-05	.000000
-0.000128	-0.000398	-5.66E-06	
296	-7.79E-07	-9.46E-05	.000000
-4.90E-05	-0.000413	-5.56E-06	
297	-0.000705	-0.000272	.000000
-4.19E-05	-0.000440	-5.53E-06	
298	-0.000389	-0.000183	.000000
-6.45E-06	-0.000841	-6.61E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-1 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000133	1.69E-06	1.48E-08
1.99E-05	0.000180	4.32E-07	
2	0.000132	1.37E-06	0.000221
4.82E-05	0.000181	4.75E-07	
3	0.000132	2.80E-06	0.000604
0.000110	0.000168	6.36E-07	
4	0.000132	5.96E-06	0.000943
0.000162	0.000136	7.75E-07	
5	0.000132	9.84E-06	0.001216
0.000197	9.11E-05	8.98E-07	
6	0.000132	1.41E-05	0.001397
0.000213	3.92E-05	1.10E-06	
7	0.000132	1.83E-05	0.001464
0.000208	1.98E-06	2.34E-06	
8	0.000132	2.17E-05	0.001396
0.000185	2.42E-05	3.23E-06	
9	0.000132	2.29E-05	0.001184
0.000146	5.34E-05	3.72E-06	
10	0.000132	2.01E-05	0.000834
9.78E-05	8.03E-05	3.64E-06	
11	0.000132	1.20E-05	0.000369
4.94E-05	0.000101	3.23E-06	
12	0.000132	3.98E-06	1.49E-08
2.13E-05	0.000109	3.03E-06	
13	0.000131	5.14E-07	0.000415
2.58E-05	0.000113	2.74E-06	
14	0.000131	3.80E-06	0.000911
6.76E-05	0.000111	1.65E-06	
15	0.000131	7.57E-06	0.001256
0.000109	9.71E-05	6.32E-07	
16	0.000130	8.52E-06	0.001435
0.000143	6.96E-05	6.86E-07	
17	0.000130	9.79E-06	0.001448
0.000163	3.22E-05	7.89E-07	
18	0.000130	1.34E-05	0.001320
0.000165	3.60E-05	1.50E-06	
19	0.000129	1.63E-05	0.001192
0.000150	5.32E-05	2.55E-06	
20	0.000129	1.70E-05	0.001034
0.000118	6.15E-05	3.26E-06	
21	0.000129	1.35E-05	0.000743
7.85E-05	7.02E-05	3.47E-06	
22	0.000128	5.41E-06	0.000335
3.72E-05	9.11E-05	3.18E-06	
23	0.000128	3.99E-06	1.19E-08
1.32E-05	0.000100	2.80E-06	
24	0.000128	4.49E-06	0.000339
3.09E-05	0.000104	2.31E-06	
25	0.000127	8.15E-06	0.000751
7.25E-05	0.000103	1.25E-06	
26	0.000127	1.16E-05	0.001041
0.000113	8.92E-05	3.48E-07	
27	0.000126	1.18E-05	0.001195
0.000146	6.22E-05	4.83E-07	
28	0.000126	1.01E-05	0.001209
0.000164	2.61E-05	6.79E-07	
29	0.000125	1.02E-05	0.001214
0.000164	3.10E-05	1.81E-06	
30	0.000125	1.20E-05	0.001200
0.000146	4.53E-05	2.88E-06	
31	0.000124	1.19E-05	0.001046
0.000113	5.22E-05	3.53E-06	
32	0.000124	8.49E-06	0.000756
7.24E-05	5.20E-05	3.62E-06	
33	0.000123	4.03E-06	0.000342
3.12E-05	9.31E-05	3.21E-06	
34	0.000122	3.97E-06	1.21E-08
1.29E-05	0.000102	2.83E-06	
35	0.000122	4.76E-06	0.000337
3.66E-05	0.000105	2.35E-06	
36	0.000122	8.49E-06	0.000748
7.77E-05	0.000102	1.26E-06	
37	0.000122	1.62E-05	0.001039
0.000118	8.67E-05	3.14E-07	
38	0.000122	1.61E-05	0.001197
0.000149	5.81E-05	4.50E-07	
39	0.000122	1.41E-05	0.001320
0.000165	2.14E-05	7.35E-07	
40	0.000122	1.16E-05	0.001449
0.000163	3.15E-05	1.88E-06	
41	0.000123	1.33E-05	0.001436
0.000143	4.59E-05	2.93E-06	
42	0.000124	1.31E-05	0.001257
0.000109	5.53E-05	3.55E-06	
43	0.000126	9.48E-06	0.000912
6.69E-05	8.69E-05	3.61E-06	
44	0.000127	6.15E-06	0.000415
2.49E-05	0.000112	3.20E-06	
45	0.000127	6.68E-06	1.45E-08
2.25E-05	0.000123	2.85E-06	
46	0.000128	6.78E-06	0.000369
5.02E-05	0.000128	2.38E-06	
47	0.000129	1.09E-05	0.000834
9.83E-05	0.000125	1.22E-06	
48	0.000129	1.42E-05	0.001184
0.000146	0.000106	2.64E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000129	1.38E-05	0.001396
0.000185	7.10E-05	1.79E-07	
50	0.000129	1.15E-05	0.001464
0.000208	2.37E-05	6.54E-07	
51	0.000129	9.90E-06	0.001397
0.000213	2.91E-05	1.76E-06	
52	0.000129	1.00E-05	0.001216
0.000197	4.92E-05	2.97E-06	
53	0.000129	9.71E-06	0.000943
0.000162	6.41E-05	3.96E-06	
54	0.000129	8.82E-06	0.000605
0.000110	7.45E-05	4.36E-06	
55	0.000129	7.25E-06	0.000221
4.87E-05	7.97E-05	4.08E-06	
56	0.000129	6.40E-06	1.49E-08
2.06E-05	8.02E-05	3.88E-06	
57	0.000184	1.50E-05	8.43E-09
1.27E-05	0.000301	3.65E-07	
58	0.000184	1.10E-05	0.000252
3.60E-05	0.000302	3.25E-07	
59	0.000184	8.02E-06	0.000690
0.000158	0.000278	2.00E-07	
60	0.000184	7.52E-06	0.001080
0.000257	0.000223	1.51E-07	
61	0.000184	7.00E-06	0.001401
0.000320	0.000152	2.04E-07	
62	0.000184	6.33E-06	0.001630
0.000347	7.51E-05	2.69E-07	
63	0.000184	5.59E-06	0.001740
0.000339	1.32E-05	3.60E-07	
64	0.000184	4.87E-06	0.001704
0.000299	1.81E-05	4.57E-07	
65	0.000184	4.53E-06	0.001497
0.000231	5.41E-05	5.66E-07	
66	0.000184	6.76E-06	0.001106
0.000146	9.39E-05	6.86E-07	
67	0.000184	9.65E-06	0.000518
6.16E-05	0.000135	6.60E-07	
68	0.000184	1.13E-05	1.55E-08
1.54E-05	0.000160	3.09E-07	
69	0.000184	1.13E-05	0.000571
3.17E-05	0.000180	1.02E-07	
70	0.000184	1.02E-05	0.001192
0.000109	0.000199	3.68E-08	
71	0.000184	8.18E-06	0.001573
0.000187	0.000174	7.73E-08	
72	0.000184	6.03E-06	0.001738
0.000251	0.000132	2.75E-07	
73	0.000184	5.69E-06	0.001710
0.000287	7.21E-05	5.17E-07	
74	0.000184	5.25E-06	0.001530
0.000291	4.66E-05	6.69E-07	
75	0.000183	4.29E-06	0.001481
0.000261	6.41E-05	7.60E-07	
76	0.000183	3.32E-06	0.001336
0.000203	7.18E-05	7.78E-07	
77	0.000183	2.76E-06	0.001008
0.000126	8.42E-05	7.21E-07	
78	0.000183	3.74E-06	0.000481
4.80E-05	0.000125	7.70E-07	
79	0.000183	4.00E-06	1.90E-08
4.83E-06	0.000150	5.74E-07	
80	0.000183	4.09E-06	0.000485
4.04E-05	0.000170	5.59E-07	
81	0.000183	5.71E-06	0.001015
0.000118	0.000180	3.69E-07	
82	0.000183	6.93E-06	0.001341
0.000195	0.000163	2.46E-07	
83	0.000183	7.39E-06	0.001483
0.000256	0.000120	2.60E-07	
84	0.000183	7.18E-06	0.001459
0.000288	6.14E-05	3.04E-07	
85	0.000183	6.45E-06	0.001460
0.000288	4.15E-05	3.31E-07	
86	0.000183	6.28E-06	0.001483
0.000255	5.60E-05	4.14E-07	
87	0.000183	5.87E-06	0.001341
0.000194	6.21E-05	4.46E-07	
88	0.000183	4.85E-06	0.001015
0.000117	8.70E-05	5.04E-07	
89	0.000182	4.63E-06	0.000486
3.97E-05	0.000128	6.45E-07	
90	0.000182	4.37E-06	1.90E-08
5.19E-06	0.000152	3.74E-07	
91	0.000182	4.00E-06	0.000481
4.78E-05	0.000170	3.98E-07	
92	0.000182	3.27E-06	0.001008
0.000126	0.000177	2.80E-07	
93	0.000183	2.49E-06	0.001336
0.000202	0.000157	1.66E-07	
94	0.000183	2.66E-06	0.001481
0.000260	0.000112	2.57E-07	
95	0.000183	2.53E-06	0.001530
0.000290	5.28E-05	2.97E-07	
96	0.000183	2.06E-06	0.001710
0.000287	4.24E-05	3.08E-07	
97	0.000183	2.49E-06	0.001738
0.000250	5.67E-05	3.89E-07	
98	0.000183	3.75E-06	0.001573
0.000187	6.29E-05	4.18E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000183	5.47E-06	0.001191
0.000110	0.000104	6.54E-07	
100	0.000183	7.18E-06	0.000571
3.22E-05	0.000151	5.54E-07	
101

133	0.000251	4.48E-05	0.001296
0.000157	9.75E-05	1.94E-06	
134	0.000252	1.87E-05	0.000655
7.93E-05	0.000164	3.30E-06	
135	0.000252	9.54E-06	2.94E-08
3.60E-05	0.000218	4.23E-06	
136	0.000252	2.51E-05	0.000659
6.56E-05	0.000264	4.97E-06	
137	0.000253	5.05E-05	0.001302
0.000143	0.000290	5.42E-06	
138	0.000254	7.53E-05	0.001651
0.000220	0.000256	5.06E-06	
139	0.000255	9.50E-05	0.001774
0.000280	0.000208	4.05E-06	
140	0.000255	0.000106	0.001710
0.000311	0.000125	2.65E-06	
141	0.000256	0.000106	0.001705
0.000311	5.22E-05	1.22E-06	
142	0.000257	9.59E-05	0.001768
0.000280	6.67E-05	1.03E-06	
143	0.000258	7.69E-05	0.001645
0.000219	7.22E-05	9.92E-07	
144	0.000259	5.28E-05	0.001296
0.000142	9.86E-05	1.62E-06	
145	0.000260	2.81E-05	0.000655
6.55E-05	0.000264	3.06E-06	
146	0.000261	1.31E-05	2.94E-08
3.58E-05	0.000216	4.04E-06	
147	0.000261	1.50E-05	0.000652
7.87E-05	0.000262	4.82E-06	
148	0.000261	3.96E-05	0.001291
0.000157	0.000285	5.30E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000261	6.40E-05	0.001641
0.000232	0.000261	4.97E-06	
150	0.000261	8.35E-05	0.001767
0.000288	0.000199	3.96E-06	
151	0.000261	9.46E-05	0.001738
0.000314	0.000115	2.55E-06	
152	0.000260	9.52E-05	0.001970
0.000308	5.24E-05	1.12E-06	
153	0.000259	8.53E-05	0.002041
0.000271	6.69E-05	1.08E-06	
154	0.000257	6.66E-05	0.001895
0.000207	7.26E-05	1.05E-06	
155	0.000256	4.27E-05	0.001489
0.000129	0.000115	1.90E-06	
156	0.000254	1.84E-05	0.000750
5.18E-05	0.000188	3.48E-06	
157	0.000253	1.39E-05	2.46E-08
5.15E-05	0.000245	4.59E-06	
158	0.000252	2.29E-05	0.000694
0.000100	0.000253	5.51E-06	
159	0.000251	5.14E-05	0.001400
0.000185	0.000321	6.23E-06	
160	0.000250	8.06E-05	0.001820
0.000266	0.000298	6.12E-06	
161	0.000250	0.000106	0.002013
0.000329	0.000234	5.23E-06	
162	0.000249	0.000124	0.002016
0.000366	0.000143	3.76E-06	
163	0.000249	0.000130	0.001863
0.000369	4.94E-05	1.99E-06	
164	0.000249	0.000125	0.001588
0.000341	6.92E-05	6.50E-07	
165	0.000249	0.000107	0.001217
0.000281	8.50E-05	7.31E-07	
166	0.000249	7.82E-05	0.000776
0.000188	9.66E-05	7.81E-07	
167	0.000250	4.29E-05	0.000284
7.71E-05	0.000103	8.23E-07	
168	0.000250	2.39E-05	1.44E-08
3.03E-05	0.000104	8.40E-07	
169	0.000153	4.47E-06	7.99E-06
1.59E-05	0.000222	3.36E-05	
170	0.000158	4.81E-06	0.000241
2.53E-05	0.000228	2.63E-05	
171	0.000158	4.49E-06	0.000648
0.000144	0.000212	2.83E-05	
172	0.000158	4.12E-06	0.001009
0.000229	0.000173	2.24E-05	
173	0.000158	4.59E-06	0.001303
0.000283	0.000118	1.60E-05	
174	0.000158	7.30E-06	0.001504
0.000305	5.45E-05	1.61E-05	
175	0.000158	1.03E-05	0.001588
0.000296	4.67E-06	1.69E-05	
176	0.000158	1.32E-05	0.001530
0.000257	2.17E-05	1.67E-05	
177	0.000158	1.52E-05	0.001315
0.000195	5.37E-05	1.70E-05	
178	0.000158	1.51E-05	0.000942
0.000120	8.57E-05	1.75E-05	
179	0.000157	1.12E-05	0.000421
4.74E-05	0.000114	1.67E-05	
180	0.000157	6.81E-06	2.89E-06
5.01E-06	0.000129	1.57E-05	
181	0.000157	2.07E-06	0.000469
2.49E-05	0.000140	1.72E-05	
182	0.000157	2.47E-06	0.001022
9.01E-05	0.000143	1.90E-05	
183	0.000157	2.92E-06	0.001388
0.000158	0.000128	1.87E-05	
184	0.000157	3.04E-06	0.001566
0.000214	9.46E-05	1.85E-05	
185	0.000157	3.93E-06	0.001565
0.000245	4.77E-05	1.81E-05	
186	0.000156	6.12E-06	0.001416
0.000248	4.05E-05	1.75E-05	
187	0.000156	8.25E-06	0.001317
0.000222	5.80E-05	1.67E-05	
188	0.000156	9.56E-06	0.001160
0.000169	6.63E-05	1.58E-05	
189	0.000156	9.93E-06	0.000848
0.000103	7.67E-05	1.48E-05	
190	0.000156	5.31E-06	0.000386
3.70E-05	0.000105	1.28E-05	
191	0.000155	2.66E-06	3.29E-06
2.55E-06	0.000121	1.13E-05	
192	0.000155	3.93E-06	0.000389
3.10E-05	0.000151	1.18E-05	
193	0.000155	5.31E-06	0.000854
9.63E-05	0.000133	1.22E-05	
194	0.000155	6.20E-06	0.001165
0.000163	0.000118	1.21E-05	
195	0.000154	6.56E-06	0.001319
0.000217	8.42E-05	1.27E-05	
196	0.000153	6.42E-06	0.001321
0.000246	3.85E-05	1.43E-05	
197	0.000154	5.83E-06	0.001324
0.000246	3.56E-05	1.66E-05	
198	0.000154	5.41E-06	0.001322
0.000217	5.01E-05	1.97E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000153	5.54E-06	0.001169
0.000163	5.68E-05	2.33E-05	
200	0.000153	4.55E-06	0.000857
9.54E-05	7.98E-05	2.73E-05	
201	0.000153	3.48E-06	0.000391
3.04E-05	0.000108	2.87E-05	
202	0.000153	2.67E-06	3.23E-06
2.63E-06	0.000123	2.81E-05	
203	0.000153	5.30E-06	0.000387
3.64E-05	0.000132	3.15E-05	
204	0.000153	9.15E-06	0.000850
0.000102	0.000132	3.41E-05	
205	0.000152	1.03E-05	0.001162
0.000168	0.000114	3.15E-05	
206	0.000152	9.64E-06	0.001320
0.000221	7.72E-05	2.65E-05	
207	0.000152	8.29E-06	0.001416
0.000247	3.11E-05	1.94E-05	
208	0.000152	6.91E-06	0.001565
0.000245	3.64E-05	1.31E-05	
209	0.000152	6.21E-06	0.001566
0.000213	5.08E-05	9.59E-06	
210	0.000153	4.72E-06	0.001387
0.000158	5.90E-05	8.17E-06	
211	0.000154	5.75E-06	0.001021
9.00E-05	9.72E-05	8.05E-06	
212	0.000154	6.62E-06	0.000468
2.50E-05	0.000131	1.11E-05	2.37E-06
213	0.000155	7.44E-06	
4.98E-06	0.000148	1.22E-05	
214	0.000155	8.20E-06	0.000422
4.72E-05	0.000159	1.49E-05	
215	0.000156	9.41E-06	0.000943
0.000120	0.000159	1.72E-05	
216	0.000156	1.06E-05	0.001316
0.000195	0.000137	1.56E-05	
217	0.000155	1.17E-05	0.001530
0.000257	9.37E-05	1.59E-05	
218	0.000155	1.25E-05	0.001588
0.000296	3.64E-05	1.78E-05	
219	0.000155	1.31E-05	0.001504
0.000305	3.39E-05	1.96E-05	
220	0.000155	1.32E-05	0.001302
0.000284	5.41E-05	2.11E-05	
221	0.000155	1.30E-05	0.001009
0.000229	6.90E-05	2.23E-05	
222	0.000155	1.23E-05	0.000647
0.000144	7.93E-05	2.33E-05	
223	0.000156	1.13E-05	0.000240
2.54E-05	8.45E-05	2.02E-05	
224	0.000156	1.04E-05	7.01E-06
1.58E-05	8.44E-05	2.49E-05	
225	0.000214	1.46E-05	8.15E-05
1.79E-05	0.000381	4.05E-05	
226	0.000214	2.28E-05	0.000264
4.28E-05	0.000390	3.28E-05	
227	0.000214	3.78E-05	0.000732
0.000230	0.000356	3.24E-05	
228	0.000214	5.07E-05	0.001151
0.000347	0.000286	2.40E-05	
229	0.000214	5.83E-05	0.001501
0.000417	0.000199	2.01E-05	
230	0.000215	5.93E-05	0.001757
0.000445	0.000107	2.01E-05	
231	0.000215	5.38E-05	0.001893
0.000433	3.00E-05	2.03E-05	
232	0.000215	4.28E-05	0.001880
0.000384	1.50E-05	2.06E-05	
233	0.000215	2.80E-05	0.001685
0.000298	5.34E-05	2.10E-05	
234	0.000215	1.24E-05	0.001283
0.000187	9.89E-05	2.16E-05	
235	0.000215	7.28E-06	0.000638
6.57E-05	0.000152	2.05E-05	
236	0.000215	1.24E-05	3.34E-05
6.50E-06	0.000191	1.93E-05	
237	0.000218	2.02E-05	0.000695
3.91E-05	0.000226	2.19E-05	
238	0.000215	3.20E-05	0.001373
0.000151	0.000246	2.49E-05	
239	0.000216	4.31E-05	0.001763
0.000255	0.000230	2.32E-05	
240	0.000216	5.12E-05	0.001912
0.000336	0.000129	2.31E-05	
241	0.000216	5.44E-05	0.001856
0.000379	0.000106	2.27E-05	
242	0.000216	5.20E-05	0.001644
0.000384	5.35E-05	2.22E-05	
243	0.000216	4.43E-05	0.001647
0.000348	7.07E-05	2.17E-05	
244	0.000183	1.61E-05	0.001517
0.000273	7.79E-05	2.10E-05	
245	0.000217	1.86E-05	0.001182
0.000169	8.95E-05	2.03E-05	
246	0.000217	5.41E-06	0.000599
5.46E-05	0.000144	1.80E-05	3.22E-05
247	0.000217	4.62E-06	
3.68E-06	0.000183	1.61E-05	
248	0.000218	1.24E-05	0.000604
4.64E-05	0.000216	1.70E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000218	2.47E-05	0.001189
0.000160	0.000235	1.79E-05	
250	0.000218	3.70E-05	0.001523
0.000264	0.000216	1.79E-05	
251	0.000218	4.68E-05	0.001649
0.000342	0.000164	1.86E-05	
252	0.000219	5.23E-05	0.001600
0.000381	9.29E-05	2.00E-05	
253	0.000219	5.25E-05	0.001597
0.000381	4.80E-05	2.22E-05	
254	0.000219	4.74E-05	0.001646
0.000341	6.22E-05	2.53E-05	
255	0.000219	3.79E-05	0.001519
0.000263	6.79E-05	2.89E-05	
256	0.000219	2.61E-05	0.001185
0.000159	9.27E-05	3.35E-05	
257	0.000220	1.42E-05	0.000602
4.56E-05	0.000147	3.61E-05	
258	0.000220	6.62E-06	3.18E-05
3.59E-06	0.000185	3.70E-05	
259	0.000220	3.18E-06	0.000598
5.37E-05	0.000216	4.26E-05	
260	0.000221	1.49E-05	0.001179
0.000168	0.000231	4.63E-05	
261	0.000221	2.70E-05	0.001514
0.000272	0.000208	4.25E-05	
262	0.000221	3.69E-05	0.001644
0.000347	0.000153	3.47E-05	
263	0.000221	4.27E-05	0.001644
0.000383	8.17E-05	2.41E-05	
264	0.000221	4.31E-05	0.001856
0.000379	4.87E-05	1.79E-05	
265	0.000220	3.83E-05	0.001912
0.000336	6.27E-05	1.56E-05	
266	0.000219	2.92E-05	0.001763
0.000255	6.85E-05	1.45E-05	
267	0.000219	1.77E-05	0.001374
0.000181	0.000219	1.45E-05	
268	0.000218	9.31E-06	0.000696
3.91E-05	0.000173	1.43E-05	
269	0.000217	1.12E-05	3.47E-05
6.50E-06	0.000215	1.72E-05	
270	0.000217	1.32E-05	0.000637
6.58E-05	0.000248	2.21E-05	
271	0.000216	2.33E-05	0.001282
0.000187	0.000265	2.61E-05	
272	0.000216	3.86E-05	0.001685
0.000298	0.000241	2.45E-05	
273	0.000215	5.24E-05	0.001879
0.000384	0.000181	2.23E-05	
274	0.000215	6.22E-05	0.001893
0.000433	0.000100	2.37E-05	
275	0.000215	6.58E-05	0.001757
0.000445	4.54E-05	2.48E-05	
276	0.000215	6.29E-05	0.001501
0.000417	6.55E-05	2.60E-05	
277	0.000215	5.33E-05	0.001151
0.000347	8.20E-05	2.68E-05	
278	0.000215	3.85E-05	0.000732
0.000230	9.17E-05	2.78E-05	
279	0.000216	2.18E-05	0.000265
4.28E-05	9.72E-05	2.40E-05	
280	0.000216	1.93E-05	8.25E-05
1.81E-05	9.70E-05	2.96E-05	
281	0.000141	2.99E-06	.000000
2.44E-05	0.000180	4.32E-07	
282	0.000124	3.87E-06	.000000
2.17E-05	0.000110	3.03E-06	
283	0.000178	.000000	.000000
1.32E-05	0.000100	2.80E-06	
284	.000000	.000000	.000000
7.58E-06	0.000102	2.83E-06	
285	0.000250	1.31E-05	.000000
9.58E-06	0.000125	2.85E-06	
286	0.000147	2.91E-06	.000000
2.22E-05	8.07E-05	3.88E-06	
287	0.000192	1.78E-05	.000000
2.38E-05	0.000301	3.65E-07	
288	0.000199	3.89E-06	.000000
1.50E-05	0.000260	3.09E-07	
289	0.000239	.000000	.000000
4.83E-06	0.000150	5.74E-07	
290	.000000	.000000	.000000
1.14E-06	0.000152	3.74E-07	
291	0.000355	1.85E-05	.000000
4.96E-06	0.000179	5.45E-07	
292	0.000275	2.14E-05	.000000
1.58E-05	9.18E-05	1.25E-06	
293	0.000261	7.83E-05	.000000
0.000113	0.000475	7.40E-06	
294	0.000280	2.82E-05	.000000
4.99E-05	0.000223	4.18E-06	
295	0.000329	4.93E-05	.000000
7.25E-05	0.000275	4.23E-06	
296	1.34E-07	4.27E-05	.000000
2.46E-05	0.000218	4.04E-06	
297	0.000443	0.000163	.000000
2.92E-05	0.000251	4.59E-06	
298	0.000452	0.000178	.000000
7.52E-05	0.000114	9.40E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000132	-2.45E-05	-2.31E-09
-3.07E-06	-8.02E-05	-4.00E-06	
2	-0.000132	-3.51E-05	-0.000485
-2.85E-06	-7.98E-05	-4.22E-06	
3	-0.000132	-5.70E-05	-0.001311
-9.35E-06	-7.45E-05	-4.63E-06	
4	-0.000132	-7.82E-05	-0.001987
-1.80E-05	-6.41E-05	-4.30E-06	
5	-0.000132	-9.38E-05	-0.002451
-2.68E-05	-4.92E-05	-3.29E-06	
6	-0.000132	-0.000101	-0.002658
-3.51E-05	-2.91E-05	-1.74E-06	
7	-0.000132	-9.92E-05	-0.002589
-4.22E-05	-2.38E-05	-8.08E-07	
8	-0.000132	-8.93E-05	-0.002268
-4.63E-05	-7.10E-05	-1.23E-07	
9	-0.000132	-7.35E-05	-0.001749
-4.52E-05	-0.000106	-2.23E-07	
10	-0.000131	-5.54E-05	-0.001115
-3.62E-05	-0.000125	-1.10E-06	
11	-0.000131	-3.90E-05	-0.000449
-1.76E-05	-0.000128	-2.30E-06	
12	-0.000131	-2.94E-05	-4.51E-09
-2.06E-06	-0.000123	-2.94E-06	
13	-0.000129	-2.23E-05	-0.000384
-4.83E-06	-0.000112	-3.45E-06	
14	-0.000131	-2.85E-05	-0.000931
-2.49E-05	-8.70E-05	-3.96E-06	
15	-0.000131	-4.77E-05	-0.001423
-3.73E-05	-5.53E-05	-3.92E-06	
16	-0.000130	-6.43E-05	-0.001800
-4.18E-05	-2.95E-05	-3.66E-06	
17	-0.000130	-7.47E-05	-0.001999
-4.05E-05	-3.14E-05	-2.18E-06	
18	-0.000130	-7.70E-05	-0.001988
-3.77E-05	-2.15E-05	-9.55E-07	
19	-0.000130	-7.10E-05	-0.001770
-4.16E-05	-5.82E-05	-3.01E-07	
20	-0.000129	-5.81E-05	-0.001382
-4.01E-05	-8.66E-05	-2.40E-07	
21	-0.000129	-4.15E-05	-0.000891
-3.10E-05	-0.000102	-1.27E-06	
22	-0.000128	-2.52E-05	-0.000362
-1.27E-05	-0.000105	-2.43E-06	
23	-0.000128	-1.59E-05	-5.18E-09
-3.33E-06	-0.000101	-2.89E-06	
24	-0.000127	-1.81E-05	-0.000356
-8.36E-06	-9.24E-05	-3.22E-06	
25	-0.000127	-3.49E-05	-0.000871
-2.72E-05	-7.17E-05	-3.63E-06	
26	-0.000126	-5.27E-05	-0.001347
-3.77E-05	-5.24E-05	-3.56E-06	
27	-0.000125	-6.74E-05	-0.001718
-4.05E-05	-4.55E-05	-2.93E-06	
28	-0.000125	-7.57E-05	-0.001921
-3.80E-05	-3.11E-05	-1.86E-06	
29	-0.000124	-7.58E-05	-0.001922
-3.73E-05	-2.58E-05	-7.14E-07	
30	-0.000124	-6.77E-05	-0.001721
-3.98E-05	-6.20E-05	-4.58E-07	
31	-0.000123	-5.32E-05	-0.001350
-3.71E-05	-8.90E-05	-3.33E-07	
32	-0.000122	-3.56E-05	-0.000875
-2.68E-05	-0.000103	-1.27E-06	
33	-0.000121	-1.87E-05	-0.000358
-8.38E-06	-0.000105	-2.35E-06	
34	-0.000121	-1.54E-05	-5.19E-09
-3.31E-06	-0.000101	-2.82E-06	
35	-0.000121	-2.49E-05	-0.000365
-1.21E-05	-9.16E-05	-3.19E-06	
36	-0.000121	-4.16E-05	-0.000896
-3.01E-05	-7.05E-05	-3.59E-06	
37	-0.000121	-5.92E-05	-0.001387
-3.92E-05	-6.15E-05	-3.49E-06	
38	-0.000122	-7.35E-05	-0.001775
-4.07E-05	-5.32E-05	-2.85E-06	
39	-0.000122	-8.14E-05	-0.001992
-3.69E-05	-3.61E-05	-1.79E-06	
40	-0.000123	-8.10E-05	-0.002002
-4.03E-05	-3.23E-05	-6.72E-07	
41	-0.000123	-7.24E-05	-0.001803
-4.15E-05	-6.98E-05	-4.90E-07	
42	-0.000123	-5.75E-05	-0.001424
-3.70E-05	-9.73E-05	-3.67E-07	
43	-0.000124	-3.98E-05	-0.000931
-2.44E-05	-0.000111	-1.38E-06	
44	-0.000124	-2.33E-05	-0.000385
-4.38E-06	-0.000113	-2.52E-06	
45	-0.000124	-1.63E-05	-4.24E-09
-2.37E-06	-0.000109	-2.99E-06	
46	-0.000124	-2.61E-05	-0.000449
-1.83E-05	-0.000101	-3.37E-06	
47	-0.000124	-4.37E-05	-0.001115
-3.66E-05	-8.03E-05	-3.85E-06	
48	-0.000124	-6.29E-05	-0.001749
-4.54E-05	-5.34E-05	-3.94E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000125	-7.98E-05	-0.002268
-4.65E-05	-2.42E-05	-3.51E-06	
50	-0.000125	-9.11E-05	-0.002590
-4.22E-05	-1.95E-06	-2.57E-06	
51	-0.000125	-9.47E-05	-0.002658
-3.51E-05	-3.92E-05	-1.30E-06	
52	-0.000125	-8.96E-05	-0.002452
-2.67E-05	-9.13E-05	-7.05E-07	
53	-0.000125	-7.60E-05	-0.001987
-1.79E-05	-0.000136	-5.47E-07	
54	-0.000125	-5.64E-05	-0.001311
-9.19E-06	-0.000168	-3.68E-07	
55	-0.000125	-3.56E-05	-0.000485
-3.70E-06	-0.000181	-4.01E-07	
56	-0.000126	-2.54E-05	-2.35E-09
-4.13E-06	-0.000180	-4.45E-07	
57	-0.000182	-8.88E-06	-2.81E-08
-2.94E-05	-9.14E-05	-1.71E-06	
58	-0.000182	-8.25E-06	-0.000826
-3.81E-06	-9.09E-05	-1.50E-06	
59	-0.000182	-7.31E-06	-0.002217
-7.30E-06	-8.54E-05	-8.35E-07	
60	-0.000182	-6.65E-06	-0.003336
-1.91E-05	-7.48E-05	-5.32E-07	
61	-0.000182	-6.10E-06	-0.004083
-3.11E-05	-5.98E-05	-6.08E-07	
62	-0.000182	-5.68E-06	-0.004390
-4.34E-05	-3.95E-05	-7.68E-07	
63	-0.000182	-6.62E-06	-0.004237
-5.53E-05	-6.49E-05	-8.21E-07	
64	-0.000182	-9.74E-06	-0.003665
-6.52E-05	-0.000134	-6.92E-07	
65	-0.000182	-1.19E-05	-0.002776
-7.01E-05	-0.000185	-4.21E-07	
66	-0.000182	-1.27E-05	-0.001724
-6.45E-05	-0.000208	-2.75E-07	
67	-0.000182	-1.28E-05	-0.000666
-4.14E-05	-0.000199	-3.14E-07	
68	-0.000182	-1.34E-05	-4.95E-08
-1.25E-05	-0.000179	-5.29E-07	
69	-0.000182	-1.55E-05	-0.000588
-2.20E-05	-0.000151	-8.70E-07	
70	-0.000182	-1.87E-05	-0.001489
-5.18E-05	-0.000104	-5.81E-07	
71	-0.000182	-2.01E-05	-0.002349
-6.29E-05	-5.25E-05	-5.26E-07	
72	-0.000182	-1.96E-05	-0.003027
-6.22E-05	-5.67E-05	-5.59E-07	
73	-0.000182	-1.76E-05	-0.003392
-5.52E-05	-4.24E-05	-6.25E-07	
74	-0.000182	-1.47E-05	-0.003378
-5.06E-05	-5.28E-05	-6.35E-07	
75	-0.000182	-1.13E-05	-0.002991
-6.02E-05	-0.000112	-5.22E-07	
76	-0.000182	-7.71E-06	-0.002301
-6.44E-05	-0.000157	-3.85E-07	
77	-0.000182	-5.30E-06	-0.001445
-5.79E-05	-0.000177	-3.49E-07	
78	-0.000182	-5.26E-06	-0.000563
-3.34E-05	-0.000170	-4.27E-07	
79	-0.000182	-5.80E-06	-4.13E-08
-3.33E-06	-0.000152	-5.13E-07	
80	-0.000182	-7.50E-06	-0.000557
-2.79E-05	-0.000128	-7.32E-07	
81	-0.000182	-1.03E-05	-0.001426
-5.41E-05	-8.70E-05	-6.57E-07	
82	-0.000181	-1.21E-05	-0.002267
-6.24E-05	-6.22E-05	-4.17E-07	
83	-0.000181	-1.25E-05	-0.002939
-5.99E-05	-5.60E-05	-3.99E-07	
84	-0.000181	-1.20E-05	-0.003308
-5.16E-05	-4.15E-05	-3.28E-07	
85	-0.000181	-1.13E-05	-0.003308
-5.06E-05	-6.14E-05	-2.71E-07	
86	-0.000181	-1.17E-05	-0.002939
-5.87E-05	-0.000120	-2.59E-07	
87	-0.000181	-1.15E-05	-0.002267
-6.12E-05	-0.000162	-2.89E-07	
88	-0.000181	-1.07E-05	-0.001426
-5.30E-05	-0.000180	-3.08E-07	
89	-0.000181	-7.57E-06	-0.000557
-2.71E-05	-0.000170	-4.41E-07	
90	-0.000181	-6.23E-06	-4.10E-08
-3.64E-06	-0.000151	-4.23E-07	
91	-0.000181	-6.22E-06	-0.000563
-3.32E-05	-0.000125	-6.31E-07	
92	-0.000181	-7.31E-06	-0.001445
-5.72E-05	-8.42E-05	-5.08E-07	
93	-0.000181	-8.26E-06	-0.002301
-6.35E-05	-7.18E-05	-5.08E-07	
94	-0.000181	-8.45E-06	-0.002991
-5.93E-05	-6.41E-05	-4.73E-07	
95	-0.000181	-8.99E-06	-0.003378
-4.97E-05	-4.67E-05	-3.80E-07	
96	-0.000181	-1.05E-05	-0.003391
-5.52E-05	-7.21E-05	-2.88E-07	
97	-0.000181	-1.12E-05	-0.003026
-6.22E-05	-0.000132	-2.58E-07	
98	-0.000181	-1.07E-05	-0.002348
-6.30E-05	-0.000174	-2.92E-07	

Program SAP2000 Non

134	-0.000248	-5.41E-06	-0.000839
-8.52E-06	-0.000262	-5.11E-06	
135	-0.000249	-1.29E-06	-3.30E-07
-4.83E-06	-0.000217	-4.28E-06	
136	-0.000250	-1.20E-05	-0.000833
-5.11E-06	-0.000165	-3.25E-06	
137	-0.000250	-2.37E-05	-0.002206
-2.79E-05	-9.88E-05	-1.77E-06	
138	-0.000251	-2.90E-05	-0.003565
-4.01E-05	-7.20E-05	-1.04E-06	
139	-0.000252	-2.94E-05	-0.004662
-4.27E-05	-6.01E-05	-1.02E-06	
140	-0.000253	-2.69E-05	-0.005261
-3.97E-05	-5.19E-05	-1.10E-06	
141	-0.000254	-2.61E-05	-0.005260
-3.89E-05	-0.000126	-2.52E-06	
142	-0.000254	-2.92E-05	-0.004659
-4.18E-05	-0.000209	-3.92E-06	
143	-0.000255	-2.94E-05	-0.003561
-3.93E-05	-0.000269	-4.93E-06	
144	-0.000256	-2.48E-05	-0.002202
-2.73E-05	-0.000290	-5.27E-06	
145	-0.000258	-1.38E-05	-0.000830
-5.32E-06	-0.000263	-4.80E-06	
146	-0.000259	-2.80E-06	-3.30E-07
-4.79E-06	-0.000216	-4.04E-06	
147	-0.000259	-1.91E-06	-0.000836
-8.47E-06	-0.000163	-3.05E-06	
148	-0.000258	-1.15E-05	-0.002218
-3.13E-05	-9.73E-05	-1.63E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000258	-1.62E-05	-0.003593
-4.12E-05	-8.23E-05	-1.10E-06	
150	-0.000257	-1.62E-05	-0.004709
-4.18E-05	-7.55E-05	-1.13E-06	
151	-0.000257	-2.13E-05	-0.005330
-3.78E-05	-5.82E-05	-1.20E-06	
152	-0.000256	-2.59E-05	-0.005345
-4.27E-05	-0.000137	-2.63E-06	
153	-0.000255	-2.87E-05	-0.004753
-4.40E-05	-0.000221	-4.04E-06	
154	-0.000255	-2.82E-05	-0.003650
-3.91E-05	-0.000281	-5.09E-06	
155	-0.000254	-2.25E-05	-0.002272
-2.40E-05	-0.000302	-5.47E-06	
156	-0.000253	-9.96E-06	-0.000865
-2.77E-06	-0.000275	-5.06E-06	
157	-0.000253	-1.13E-05	-3.31E-07
-1.97E-06	-0.000229	-4.34E-06	
158	-0.000252	-1.84E-05	-0.000952
-1.59E-05	-0.000176	-3.43E-06	
159	-0.000252	-2.89E-05	-0.002536
-3.89E-05	-0.000110	-2.09E-06	
160	-0.000251	-3.56E-05	-0.004153
-4.72E-05	-5.73E-05	-9.89E-07	
161	-0.000251	-3.84E-05	-0.005540
-4.69E-05	-1.53E-05	-3.21E-07	
162	-0.000251	-3.86E-05	-0.006450
-4.19E-05	-4.30E-05	-5.73E-07	
163	-0.000251	-3.71E-05	-0.006721
-3.48E-05	-0.000130	-1.86E-06	
164	-0.000250	-3.53E-05	-0.006288
-2.67E-05	-0.000234	-3.51E-06	
165	-0.000250	-3.29E-05	-0.005170
-1.84E-05	-0.000335	-5.25E-06	
166	-0.000250	-3.07E-05	-0.003467
-9.87E-06	-0.000425	-6.78E-06	
167	-0.000250	-2.85E-05	-0.001306
-6.02E-06	-0.000482	-7.67E-06	
168	-0.000250	-2.72E-05	-2.77E-07
-5.91E-06	-0.000489	-7.79E-06	
169	-0.000157	-5.58E-06	-3.43E-05
-7.17E-05	-8.43E-05	-1.50E-05	
170	-0.000157	-1.45E-05	-0.000663
-3.67E-06	-8.44E-05	-1.22E-05	
171	-0.000157	-3.18E-05	-0.001711
-7.82E-06	-7.93E-05	-1.45E-05	
172	-0.000157	-4.61E-05	-0.002560
-1.90E-05	-6.90E-05	-1.46E-05	
173	-0.000157	-5.59E-05	-0.003135
-3.05E-05	-5.41E-05	-1.49E-05	
174	-0.000157	-6.07E-05	-0.003379
-4.22E-05	-3.39E-05	-1.54E-05	
175	-0.000157	-6.08E-05	-0.003277
-5.39E-05	-3.65E-05	-1.59E-05	
176	-0.000157	-5.62E-05	-0.002855
-6.43E-05	-5.37E-05	-1.66E-05	
177	-0.000157	-4.76E-05	-0.002187
-7.03E-05	-0.000137	-1.75E-05	
178	-0.000157	-3.65E-05	-0.001382
-6.71E-05	-0.000159	-1.85E-05	
179	-0.000156	-2.58E-05	-0.000554
-4.70E-05	-0.000160	-1.79E-05	
180	-0.000156	-2.03E-05	-1.19E-05
-1.86E-05	-0.000148	-1.70E-05	
181	-0.000156	-1.61E-05	-0.000480
-3.18E-05	-0.000130	-1.88E-05	
182	-0.000156	-1.33E-05	-0.001168
-5.67E-05	-9.71E-05	-2.06E-05	
183	-0.000156	-2.62E-05	-0.001805
-6.37E-05	-5.89E-05	-2.07E-05	
184	-0.000156	-3.71E-05	-0.002300
-6.08E-05	-5.07E-05	-2.02E-05	
185	-0.000156	-4.42E-05	-0.002562
-5.27E-05	-3.63E-05	-1.92E-05	
186	-0.000156	-4.66E-05	-0.002551
-4.89E-05	-3.11E-05	-1.77E-05	
187	-0.000155	-4.38E-05	-0.002268
-5.93E-05	-7.72E-05	-1.59E-05	
188	-0.000155	-3.65E-05	-0.001762
-6.49E-05	-0.000114	-1.40E-05	
189	-0.000155	-2.61E-05	-0.001126
-6.12E-05	-0.000132	-1.42E-05	
190	-0.000155	-1.54E-05	-0.000457
-4.04E-05	-0.000132	-1.25E-05	
191	-0.000154	-9.83E-06	-1.14E-05
-1.17E-05	-0.000123	-1.03E-05	
192	-0.000154	-8.23E-06	-0.000449
-3.53E-05	-0.000108	-9.53E-06	
193	-0.000154	-1.98E-05	-0.001106
-5.75E-05	-7.68E-05	-1.68E-05	
194	-0.000153	-3.15E-05	-0.001726
-6.27E-05	-5.70E-05	-7.96E-06	
195	-0.000153	-4.07E-05	-0.002215
-5.85E-05	-5.03E-05	-9.32E-06	
196	-0.000153	-4.56E-05	-0.002482
-4.95E-05	-3.57E-05	-1.27E-05	
197	-0.000153	-4.56E-05	-0.002483
-4.86E-05	-3.83E-05	-1.90E-05	
198	-0.000153	-4.07E-05	-0.002216
-5.75E-05	-8.39E-05	-2.60E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000152	-3.15E-05	-0.001728
-6.15E-05	-0.000118	-3.11E-05	
200	-0.000151	-1.98E-05	-0.001109
-5.64E-05	-0.000133	-3.38E-05	
201	-0.000152	-8.13E-06	-0.000451
-3.46E-05	-0.000132	-3.13E-05	
202	-0.000151	-9.89E-06	-1.07E-05
-1.18E-05	-0.000121	-2.79E-05	
203	-0.000151	-1.57E-05	-0.000458
-3.99E-05	-0.000105	-2.86E-05	
204	-0.000151	-2.72E-05	-0.001129
-6.02E-05	-7.68E-05	-2.73E-05	
205	-0.000151	-3.88E-05	-0.001764
-6.38E-05	-6.63E-05	-2.35E-05	
206	-0.000151	-4.79E-05	-0.002270
-5.82E-05	-5.80E-05	-2.00E-05	
207	-0.000151	-5.25E-05	-0.002553
-4.80E-05	-4.05E-05	-1.69E-05	
208	-0.000152	-5.20E-05	-0.002564
-5.26E-05	-4.78E-05	-1.46E-05	
209	-0.000152	-4.66E-05	-0.002300
-6.06E-05	-9.47E-05	-1.31E-05	
210	-0.000152	-3.70E-05	-0.001805
-6.35E-05	-0.000129	-1.24E-05	
211	-0.000152	-2.52E-05	-0.001167
-5.67E-05	-0.000143	-1.25E-05	
212	-0.000152	-1.43E-05	-0.000478
-3.18E-05	-0.000140	-1.20E-05	
213	-0.000152	-9.67E-06	-1.41E-05
-1.84E-05	-0.000129	-1.16E-05	
214	-0.000152	-1.42E-05	-0.000556
-4.68E-05	-0.000114	-1.30E-05	
215	-0.000152	-2.55E-05	-0.001384
-6.71E-05	-8.57E-05	-1.51E-05	
216	-0.000152	-3.72E-05	-0.002188
-7.03E-05	-5.37E-05	-1.61E-05	
217	-0.000152	-4.68E-05	-0.002856
-6.43E-05	-2.17E-05	-1.71E-05	
218	-0.000152	-5.39E-05	-0.003278
-5.39E-05	-4.70E-06	-1.80E-05	
219	-0.000152	-5.47E-05	-0.003381
-4.22E-05	-5.45E-05	-1.87E-05	
220	-0.000152	-5.20E-05	-0.003136
-3.05E-05	-0.000118	-1.93E-05	
221	-0.000153	-4.43E-05	-0.002561
-1.90E-05	-0.000173	-2.13E-05	
222	-0.000153	-3.17E-05	-0.001712
-7.81E-06	-0.000212	-2.71E-05	
223	-0.000153	-1.58E-05	-0.000664
-3.67E-06	-0.000228	-2.52E-05	
224	-0.000153	-1.31E-05	-3.54E-05
-7.16E-05	-0.000222	-3.22E-05	
225	-0.000212	-1.25E-05	-9.88E-06
-0.000130	-9.72E-05	-1.96E-05	
226	-0.000212	-1.21E-05	-0.000997
-8.24E-06	-9.74E-05	-1.59E-05	
227	-0.000212	-1.11E-05	-0.002789
-8.87E-06	-9.18E-05	-1.89E-05	
228	-0.000212	-1.03E-05	-0.004214
-1.95E-05	-8.08E-05	-1.89E-05	
229	-0.000212	-9.64E-06	-0.005158
-3.02E-05	-6.56E-05	-1.92E-05	
230	-0.000212	-1.05E-05	-0.005534
-4.12E-05	-4.55E-05	-1.95E-05	
231	-0.000213	-1.08E-05	-0.005322
-5.27E-05	-0.000100	-2.01E-05	
232	-0.000213	-1.02E-05	-0.004576
-6.45E-05	-0.000181	-2.14E-05	
233	-0.000213	-8.02E-06	-0.003434
-7.56E-05	-0.000241	-2.65E-05	
234	-0.000213	-8.15E-06	-0.002097
-8.28E-05	-0.000265	-2.82E-05	
235	-0.000213	-8.91E-06	-0.000776
-7.24E-05	-0.000248	-2.42E-05	
236	-0.000213	-1.24E-05	-4.07E-06
-3.96E-05	-0.000215	-2.03E-05	
237	-0.000213	-2.02E-05	-0.000695
-5.29E-05	-0.000173	-2.24E-05	
238	-0.000213	-2.21E-05	-0.001849
-7.09E-05	-0.000111	-2.45E-05	
239	-0.000213	-3.05E-05	-0.002970
-6.93E-05	-6.86E-05	-2.45E-05	
240	-0.000213	-2.96E-05	-0.003864
-6.23E-05	-6.28E-05	-2.43E-05	
241	-0.000213	-2.63E-05	-0.004348
-5.33E-05	-0.000178	-2.25E-05	
242	-0.000213	-2.15E-05	-0.004334
-4.84E-05	-8.17E-05	-2.26E-05	
243	-0.000214	-1.73E-05	-0.003826
-6.00E-05	-0.000153	-2.14E-05	
244	-0.000214	-1.58E-05	-0.002919
-7.06E-05	-0.000208	-2.00E-05	
245	-0.000231	-1.17E-05	-0.001801
-7.67E-05	-0.000231	-2.17E-05	
246	-0.000215	-4.07E-06	-0.000669
-6.48E-05	-0.000217	-1.87E-05	
247	-0.000215	-4.48E-06	-4.50E-06
-3.02E-05	-0.000186	-1.46E-05	
248	-0.000215	-1.16E-05	-0.000664
-5.81E-05	-0.000147	-1.35E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000215	-1.86E-05	-0.001784
-7.27E-05	-9.29E-05	-1.38E-05	
250	-0.000216	-2.18E-05	-0.002886
-6.87E-05	-6.78E-05	-1.38E-05	
251	-0.000216	-2.19E-05	-0.003773
-5.90E-05	-4.62E-05	-1.49E-05	
252	-0.000216	-2.00E-05	-0.004262
-4.97E-05	-4.79E-05	-1.73E-05	
253	-0.000217	-1.92E-05	-0.004262
-4.88E-05	-9.30E-05	-2.35E-05	
254	-0.000217	-2.14E-05	-0.003771
-5.88E-05	-0.000164	-3.41E-05	
255	-0.000218	-2.13E-05	-0.002883
-6.74E-05	-0.000216	-4.20E-05	
256	-0.000218	-1.90E-05	-0.001781
-7.14E-05	-0.000235	-4.60E-05	
257	-0.000218	-1.26E-05	-0.000662
-5.72E-05	-0.000216	-4.24E-05	
258	-0.000218	-5.88E-06	-4.48E-06
-3.00E-05	-0.000183	-3.41E-05	
259	-0.000219	-1.44E-06	-0.000668
-6.39E-05	-0.000143	-3.61E-05	
260	-0.000219	-7.79E-06	-0.001799
-7.54E-05	-8.92E-05	-3.36E-05	
261	-0.000219	-1.05E-05	-0.002916
-6.93E-05	-7.79E-05	-2.92E-05	
262	-0.000219	-1.18E-05	-0.003823
-5.89E-05	-7.07E-05	-2.57E-05	
263	-0.000218	-1.56E-05	-0.004331
-4.75E-05	-5.36E-05	-2.27E-05	
264	-0.000218	-1.89E-05	-0.004346
-5.33E-05	-0.000106	-2.06E-05	
265	-0.000218	-2.10E-05	-0.003862
-6.23E-05	-0.000179	-1.93E-05	
266	-0.000217	-2.09E-05	-0.002970
-6.93E-05	-0.000230	-1.87E-05	
267	-0.000217	-1.74E-05	-0.001849
-7.09E-05	-0.000246	-1.87E-05	
268	-0.000217	-9.65E-06	-0.000696
-5.28E-05	-0.000225	-1.78E-05	
269	-0.000216	-9.86E-06	-3.74E-06
-3.99E-05	-0.000191	-1.69E-05	
270	-0.000216	-1.50E-05	-0.000775
-7.24E-05	-0.000152	-1.89E-05	
271	-0.000216	-2.23E-05	-0.002097
-8.28E-05	-9.90E-05	-2.12E-05	
272	-0.000216	-2.69E-05	-0.003434
-7.55E-05	-5.35E-05	-2.19E-05	
273	-0.000215	-2.92E-05	-0.004577
-6.44E-05	-1.51E-05	-2.27E-05	
274	-0.000215	-2.97E-05	-0.005323
-5.26E-05	-3.00E-05	-2.35E-05	
275	-0.000215	-2.93E-05	-0.005535
-4.12E-05	-0.000107	-2.41E-05	
276	-0.000215	-2.82E-05	-0.005159
-3.02E-05	-0.000199	-2.48E-05	
277	-0.000215	-2.66E-05	-0.004214
-1.95E-05	-0.000286	-2.58E-05	
278	-0.000215	-2.49E-05	-0.002789
-8.82E-06	-0.000356	-2.38E-05	
279	-0.000215	-2.35E-05	-0.000997
-8.26E-06	-0.000390	-3.41E-05	
280	-0.000215	-2.25E-05	-9.22E-06
-0.000130	-0.000381	-4.21E-05	
281	-0.000226	-1.87E-06	.000000
-3.77E-06	-8.02E-05	-4.00E-06	
282	-9.16E-05	-2.87E-06	.000000
7.03E-22	-0.000122	-2.94E-06	
283	-0.000242	.000000	.000000
-3.33E-06	-0.000101	-2.89E-06	
284	.000000	.000000	.000000
-1.24E-23	-0.000100	-2.82E-06	
285	-0.000206	-1.07E-05	.000000
1.73E-22	-0.000109	-2.99E-06	
286	-9.69E-05	-1.93E-06	.000000
-3.09E-08	-0.000180	-4.45E-07	
287	-0.000345	-9.95E-06	.000000
-1.91E-05	-9.09E-05	-1.71E-06	
288	-0.000150	-5.17E-06	.000000
-1.30E-05	-0.000179	-5.29E-07	
289	-0.000343	.000000	.000000
-3.33E-06	-0.000152	-5.13E-07	
290	.000000	.000000	.000000
-2.58E-06	-0.000151	-4.23E-07	
291	-0.000280	-1.46E-05	.000000
-3.96E-06	-0.000160	-4.75E-07	
292	-0.000151	-1.17E-05	.000000
-1.79E-06	-0.000301	-3.42E-07	
293	-0.000545	-2.02E-05	.000000
-1.40E-05	-0.000103	-6.12E-07	
294	-0.000229	1.84E-21	.000000
-2.40E-05	-0.000246	-4.54E-06	
295	-0.000453	-1.09E-21	.000000
-3.25E-05	-0.000216	-4.28E-06	
296	-1.11E-06	-5.15E-06	.000000
2.66E-22	-0.000216	-4.13E-06	
297	-0.000352	-9.72E-05	.000000
-1.97E-21	-0.000219	-4.34E-06	
298	-0.000214	-4.26E-05	.000000
-7.49E-21	-0.000474	-7.79E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000255	1.47E-05	3.87E-08
2.76E-05	0.000368	8.30E-07	
2	0.000255	4.10E-06	0.000408
7.34E-05	0.000368	8.42E-07	
3	0.000255	5.15E-06	0.001115
0.000180	0.000337	9.05E-07	
4	0.000255	8.77E-06	0.001741
0.000268	0.000268	1.00E-06	
5	0.000255	1.34E-05	0.002248
0.000326	0.000177	1.79E-06	
6	0.000255	1.84E-05	0.002591
0.000353	7.45E-05	2.27E-06	
7	0.000255	2.31E-05	0.002728
0.000347	3.74E-06	3.57E-06	
8	0.000255	2.68E-05	0.002619
0.000311	4.32E-05	4.59E-06	
9	0.000254	2.86E-05	0.002240
0.000248	9.79E-05	5.17E-06	
10	0.000254	2.62E-05	0.001597
0.000168	0.000151	5.88E-06	
11	0.000254	1.98E-05	0.000717
8.49E-05	0.000194	5.77E-06	
12	0.000254	1.27E-05	4.87E-08
3.82E-05	0.000214	4.29E-06	
13	0.000254	3.55E-06	0.000804
4.28E-05	0.000226	3.61E-06	
14	0.000253	4.49E-06	0.001742
0.000116	0.000226	2.22E-06	
15	0.000253	8.67E-06	0.002374
0.000189	0.000199	9.64E-07	
16	0.000252	1.03E-05	0.002689
0.000247	0.000144	9.64E-07	
17	0.000252	1.28E-05	0.002696
0.000281	6.81E-05	1.38E-06	
18	0.000251	1.68E-05	0.002446
0.000286	6.94E-05	2.40E-06	
19	0.000251	1.99E-05	0.002245
0.000260	0.000100	3.70E-06	
20	0.000250	2.03E-05	0.001968
0.000208	0.000114	4.67E-06	
21	0.000250	1.62E-05	0.001432
0.000138	0.000132	5.71E-06	
22	0.000249	9.33E-06	0.000655
6.48E-05	0.000176	5.72E-06	
23	0.000249	1.06E-05	4.55E-08
2.41E-05	0.000197	3.99E-06	
24	0.000249	8.16E-06	0.000663
5.29E-05	0.000210	2.94E-06	
25	0.000248	1.23E-05	0.001445
0.000126	0.000212	1.56E-06	
26	0.000247	1.66E-05	0.001979
0.000198	0.000186	5.29E-07	
27	0.000247	1.71E-05	0.002250
0.000253	0.000131	7.45E-07	
28	0.000246	1.53E-05	0.002261
0.000283	5.80E-05	1.47E-06	
29	0.000245	1.51E-05	0.002268
0.000283	5.94E-05	2.96E-06	
30	0.000244	1.65E-05	0.002257
0.000252	8.50E-05	4.33E-06	
31	0.000244	1.62E-05	0.001986
0.000197	9.70E-05	5.20E-06	
32	0.000243	1.21E-05	0.001452
0.000126	0.000134	5.89E-06	
33	0.000241	7.27E-06	0.000667
5.32E-05	0.000179	5.76E-06	
34	0.000241	1.05E-05	4.57E-08
2.36E-05	0.000201	4.08E-06	
35	0.000241	8.43E-06	0.000658
6.39E-05	0.000212	3.01E-06	
36	0.000241	1.52E-05	0.001438
0.000137	0.000211	1.57E-06	
37	0.000240	1.95E-05	0.001975
0.000206	0.000182	4.19E-07	
38	0.000240	1.98E-05	0.002252
0.000259	0.000125	7.31E-07	
39	0.000240	1.77E-05	0.002446
0.000285	5.05E-05	1.57E-06	
40	0.000241	1.46E-05	0.002697
0.000280	5.97E-05	3.08E-06	
41	0.000242	1.57E-05	0.002691
0.000246	8.55E-05	4.42E-06	
42	0.000244	1.51E-05	0.002375
0.000188	0.000100	5.23E-06	
43	0.000246	1.20E-05	0.001743
0.000115	0.000161	5.84E-06	
44	0.000247	1.06E-05	0.000804
4.11E-05	0.000215	5.72E-06	
45	0.000248	1.38E-05	4.84E-08
4.08E-05	0.000241	4.02E-06	
46	0.000249	1.33E-05	0.000718
8.68E-05	0.000257	2.99E-06	
47	0.000250	1.76E-05	0.001598
0.000169	0.000257	1.50E-06	
48	0.000251	2.17E-05	0.002241
0.000249	0.000224	4.05E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000251	2.20E-05	0.002619
0.000312	0.000156	5.56E-07	
50	0.000251	2.01E-05	0.002728
0.000348	6.33E-05	1.59E-06	
51	0.000251	2.10E-05	0.002592
0.000353	5.43E-05	3.08E-06	
52	0.000250	2.11E-05	0.002248
0.000326	9.03E-05	4.61E-06	
53	0.000250	2.03E-05	0.001742
0.000268	0.000117	5.85E-06	
54	0.000251	1.83E-05	0.001116
0.000181	0.000137	7.00E-06	
55	0.000251	1.49E-05	0.000408
7.45E-05	0.000147	9.66E-06	
56	0.000251	1.98E-05	3.88E-08
2.93E-05	0.000148	1.03E-05	
57	0.000332	2.45E-05	1.51E-08
4.92E-05	0.000563	4.52E-06	
58	0.000332	2.03E-05	0.000450
8.52E-05	0.000561	3.91E-06	
59	0.000333	1.83E-05	0.001229
0.000253	0.000507	1.93E-06	
60	0.000333	1.95E-05	0.001923
0.000395	0.000404	7.98E-07	
61	0.000333	1.95E-05	0.002496
0.000487	0.000276	5.21E-07	
62	0.000333	1.76E-05	0.002903
0.000529	0.000138	5.86E-07	
63	0.000333	1.37E-05	0.003098
0.000520	2.82E-05	7.31E-07	
64	0.000333	8.96E-06	0.003035
0.000464	3.44E-05	8.39E-07	
65	0.000333	7.45E-06	0.002670
0.000367	9.78E-05	9.34E-07	
66	0.000333	8.82E-06	0.001979
0.000244	0.000168	1.05E-06	
67	0.000333	1.32E-05	0.000936
0.000117	0.000242	1.08E-06	
68	0.000333	1.61E-05	2.53E-08
4.49E-05	0.000293	9.76E-07	
69	0.000333	1.74E-05	0.001030
7.21E-05	0.000333	1.64E-06	
70	0.000333	1.86E-05	0.002132
0.000185	0.000354	1.36E-06	
71	0.000333	1.98E-05	0.002805
0.000300	0.000324	7.67E-07	
72	0.000333	1.93E-05	0.003097
0.000393	0.000247	1.80E-06	
73	0.000333	1.84E-05	0.003047
0.000446	0.000140	1.09E-06	
74	0.000333	1.61E-05	0.002726
0.000453	8.39E-05	1.37E-06	
75	0.000333	1.20E-05	0.002638
0.000411	0.000115	1.50E-06	
76	0.000333	7.13E-06	0.002382
0.000327	0.000128	1.56E-06	
77	0.000333	4.46E-06	0.001805
0.000215	0.000149	1.47E-06	
78	0.000333	2.13E-06	0.000870
9.70E-05	0.000225	1.41E-06	
79	0.000333	4.95E-06	3.39E-08
3.12E-05	0.000275	1.26E-06	
80	0.000333	7.05E-06	0.000877
8.53E-05	0.000316	2.13E-06	
81	0.000333	1.08E-05	0.001817
0.000201	0.000337	1.69E-06	
82	0.000333	1.39E-05	0.002391
0.000313	0.000306	9.89E-07	
83	0.000333	1.74E-05	0.002641
0.000402	0.000229	8.23E-07	
84	0.000333	1.87E-05	0.002599
0.000449	0.000124	6.95E-07	
85	0.000333	1.78E-05	0.002599
0.000449	7.38E-05	8.32E-07	
86	0.000333	1.60E-05	0.002641
0.000401	0.000100	9.73E-07	
87	0.000333	1.26E-05	0.002391
0.000312	0.000111	1.02E-06	
88	0.000333	9.15E-06	0.001817
0.000199	0.000153	1.01E-06	
89	0.000333	7.21E-06	0.000877
8.42E-05	0.000228	1.12E-06	
90	0.000333	5.65E-06	3.39E-08
3.16E-05	0.000278	9.66E-07	
91	0.000333	3.12E-06	0.000870
9.68E-05	0.000317	1.94E-06	
92	0.000333	3.51E-06	0.001805
0.000214	0.000333	1.57E-06	
93	0.000333	5.09E-06	0.002382
0.000325	0.000298	9.26E-07	
94	0.000333	6.49E-06	0.002638
0.000410	0.000218	8.49E-07	
95	0.000334	7.97E-06	0.002725
0.000452	0.000112	6.96E-07	
96	0.000333	7.88E-06	0.003046
0.000446	7.45E-05	8.04E-07	
97	0.000333	6.43E-06	0.003097
0.000392	0.000100	9.38E-07	
98	0.000333	6.02E-06	0.002805
0.000300	0.000112	9.82E-07	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
113

135	0.000420	9.88E-06	4.88E-08
3.81E-05	0.000358	5.82E-06	
136	0.000420	2.91E-05	0.001099
6.70E-05	0.000428	6.83E-06	
137	0.000421	5.27E-05	0.002197
0.000149	0.000467	7.40E-06	
138	0.000422	9.66E-05	0.002811
0.000231	0.000431	6.85E-06	
139	0.000423	0.000124	0.003038
0.000292	0.000332	5.38E-06	
140	0.000424	0.000138	0.002941
0.000326	0.000395	3.46E-06	
141	0.000425	0.000139	0.002934
0.000325	8.86E-05	1.87E-06	
142	0.000426	0.000125	0.003030
0.000292	0.000114	1.80E-06	
143	0.000427	9.85E-05	0.002803
0.000230	0.000124	1.76E-06	
144	0.000428	6.56E-05	0.002190
0.000149	0.000171	2.34E-06	
145	0.000429	3.28E-05	0.001095
6.70E-05	0.000277	4.14E-06	
146	0.000430	1.41E-05	4.88E-08
3.78E-05	0.000358	5.52E-06	
147	0.000430	1.55E-05	0.001089
8.46E-05	0.000428	6.60E-06	
148	0.000431	4.55E-05	0.002180
0.000169	0.000465	7.25E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000431	7.78E-05	0.002795
0.000248	0.000427	6.75E-06	
150	0.000432	0.000105	0.003028
0.000305	0.000425	5.29E-06	
151	0.000432	0.000120	0.003006
0.000329	0.000188	3.36E-06	
152	0.000431	0.000121	0.003397
0.000322	8.85E-05	1.76E-06	
153	0.000429	0.000107	0.003505
0.000282	0.000114	1.86E-06	
154	0.000427	8.19E-05	0.003239
0.000215	0.000125	1.83E-06	
155	0.000425	4.95E-05	0.002525
0.000132	0.000199	2.66E-06	
156	0.000422	2.32E-05	0.001259
5.43E-05	0.000319	4.81E-06	
157	0.000421	2.23E-05	4.06E-08
6.19E-05	0.000409	6.37E-06	
158	0.000420	3.14E-05	0.001161
0.000116	0.000486	7.66E-06	
159	0.000419	6.51E-05	0.002370
0.000210	0.000532	8.64E-06	
160	0.000417	0.000104	0.003107
0.000298	0.000566	8.40E-06	
161	0.000417	0.000139	0.003455
0.000363	0.000393	7.18E-06	
162	0.000416	0.000164	0.003473
0.000395	0.000243	5.07E-06	
163	0.000416	0.000174	0.003219
0.000390	8.76E-05	2.62E-06	
164	0.000416	0.000167	0.002747
0.000358	0.000118	1.29E-06	
165	0.000416	0.000142	0.002108
0.000292	0.000146	1.45E-06	
166	0.000416	0.000104	0.001344
0.000195	0.000167	1.57E-06	
167	0.000416	5.78E-05	0.000492
7.89E-05	0.000178	1.64E-06	
168	0.000417	3.87E-05	2.34E-08
2.87E-05	0.000180	1.67E-06	
169	0.000293	1.09E-05	6.34E-05
2.66E-05	0.000441	6.05E-05	
170	0.000293	1.04E-05	0.000435
3.90E-05	0.000451	4.78E-05	
171	0.000293	9.33E-06	0.001173
0.000244	0.000416	5.09E-05	
172	0.000293	8.17E-06	0.001829
0.000376	0.000335	3.98E-05	
173	0.000293	7.26E-06	0.002364
0.000458	0.000228	2.76E-05	
174	0.000293	1.03E-05	0.002734
0.000492	0.000109	2.57E-05	
175	0.000293	1.37E-05	0.002894
0.000480	1.75E-05	2.61E-05	
176	0.000293	1.67E-05	0.002801
0.000424	4.49E-05	2.66E-05	
177	0.000293	1.87E-05	0.002424
0.000329	0.000102	2.70E-05	
178	0.000293	1.89E-05	0.001755
0.000206	0.000161	2.80E-05	
179	0.000293	1.56E-05	0.000800
7.78E-05	0.000215	2.74E-05	
180	0.000293	1.03E-05	3.47E-05
8.68E-06	0.000248	2.70E-05	
181	0.000293	5.11E-06	0.000890
3.80E-05	0.000276	3.10E-05	
182	0.000293	5.60E-06	0.001902
0.000156	0.000287	3.47E-05	
183	0.000292	6.11E-06	0.002557
0.000270	0.000260	3.29E-05	
184	0.000292	6.80E-06	0.002868
0.000359	0.000194	3.04E-05	
185	0.000292	7.02E-06	0.002853
0.000409	0.000104	2.92E-05	
186	0.000292	8.78E-06	0.002574
0.000414	8.19E-05	2.82E-05	
187	0.000291	1.08E-05	0.002417
0.000374	0.000112	2.68E-05	
188	0.000291	1.18E-05	0.002145
0.000291	0.000126	2.53E-05	
189	0.000291	1.03E-05	0.001587
0.000180	0.000144	2.38E-05	
190	0.000291	5.17E-06	0.000739
6.01E-05	0.000199	2.06E-05	
191	0.000290	4.40E-06	3.43E-05
4.06E-06	0.000233	1.89E-05	
192	0.000290	7.30E-06	0.000744
4.92E-05	0.000261	2.08E-05	
193	0.000290	1.05E-05	0.001598
0.000168	0.000271	2.22E-05	
194	0.000290	1.25E-05	0.002154
0.000280	0.000270	2.09E-05	
195	0.000289	1.34E-05	0.002421
0.000366	0.000177	2.11E-05	
196	0.000289	1.32E-05	0.002412
0.000410	8.99E-05	2.35E-05	
197	0.000289	1.21E-05	0.002416
0.000410	7.23E-05	2.73E-05	
198	0.000288	1.11E-05	0.002425
0.000365	9.72E-05	3.24E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000288	1.04E-05	0.002159
0.000279	0.000108	3.84E-05	
200	0.000288	8.78E-06	0.001602
0.000166	0.000149	4.51E-05	
201	0.000288	6.45E-06	0.000747
4.80E-05	0.000204	4.81E-05	
202	0.000288	4.42E-06	3.42E-05
4.18E-06	0.000238	4.78E-05	
203	0.000287	5.19E-06	0.000739
5.91E-05	0.000263	5.43E-05	
204	0.000287	1.06E-05	0.001590
0.000178	0.000269	5.88E-05	
205	0.000287	1.26E-05	0.002148
0.000289	0.000236	5.37E-05	
206	0.000286	1.24E-05	0.002421
0.000372	0.000167	4.41E-05	
207	0.000286	1.11E-05	0.002574
0.000412	7.87E-05	3.10E-05	
208	0.000286	9.57E-06	0.002853
0.000408	7.31E-05	2.08E-05	
209	0.000287	8.22E-06	0.002867
0.000359	9.79E-05	1.57E-05	
210	0.000288	7.43E-06	0.002556
0.000270	0.000111	1.36E-05	
211	0.000288	8.92E-06	0.001900
0.000156	0.000179	1.53E-05	
212	0.000289	1.18E-05	0.000886
3.81E-05	0.000244	2.15E-05	
213	0.000290	1.36E-05	3.33E-05
8.70E-06	0.000283	2.39E-05	
214	0.000290	1.55E-05	0.000803
7.74E-05	0.000313	2.96E-05	
215	0.000291	1.83E-05	0.001757
0.000206	0.000320	3.43E-05	
216	0.000291	2.09E-05	0.002426
0.000329	0.000284	3.15E-05	
217	0.000291	2.31E-05	0.002802
0.000424	0.000204	2.86E-05	
218	0.000290	2.47E-05	0.002895
0.000480	9.66E-05	2.91E-05	
219	0.000290	2.56E-05	0.002735
0.000492	6.77E-05	3.19E-05	
220	0.000290	2.58E-05	0.002364
0.000459	0.000103	3.41E-05	
221	0.000290	2.51E-05	0.001829
0.000377	0.000129	3.59E-05	
222	0.000291	2.36E-05	0.001172
0.000244	0.000147	3.76E-05	
223	0.000291	2.14E-05	0.000433
3.90E-05	0.000155	3.25E-05	
224	0.000291	1.96E-05	6.13E-05
2.63E-05	0.000153	4.01E-05	
225	0.000371	2.45E-05	8.12E-05
4.01E-05	0.000750	7.12E-05	
226	0.000371	3.62E-05	0.000464
6.72E-05	0.000802	6.20E-05	
227	0.000371	6.02E-05	0.001285
0.000291	0.000790	6.54E-05	
228	0.000371	8.20E-05	0.002019
0.000439	0.000673	5.17E-05	
229	0.000372	9.45E-05	0.002629
0.000530	0.000526	4.13E-05	
230	0.000372	9.53E-05	0.003074
0.000568	0.000376	3.65E-05	
231	0.000372	8.52E-05	0.003305
0.000556	0.000246	3.30E-05	
232	0.000372	6.55E-05	0.003271
0.000500	0.000208	3.19E-05	
233	0.000372	3.96E-05	0.002920
0.000395	0.000252	3.31E-05	
234	0.000373	1.61E-05	0.002208
0.000258	0.000316	3.55E-05	
235	0.000373	1.16E-05	0.001075
0.000109	0.000345	3.39E-05	
236	0.000373	1.77E-05	3.37E-05
3.16E-05	0.000416	3.42E-05	
237	0.000373	2.93E-05	0.001174
6.77E-05	0.000545	4.40E-05	
238	0.000373	4.94E-05	0.002365
0.000196	0.000615	5.17E-05	
239	0.000373	6.95E-05	0.003056
0.000319	0.000590	4.86E-05	
240	0.000374	8.39E-05	0.003328
0.000419	0.000504	4.52E-05	
241	0.000374	8.91E-05	0.003241
0.000473	0.000386	4.09E-05	
242	0.000374	8.47E-05	0.002878
0.000479	0.000291	3.68E-05	
243	0.000374	7.08E-05	0.002861
0.000436	0.000292	3.48E-05	
244	0.000375	4.95E-05	0.002623
0.000344	0.000289	3.35E-05	
245	0.000375	2.46E-05	0.002028
0.000218	0.000304	3.32E-05	
246	0.000376	5.82E-06	0.001006
8.19E-05	0.000332	2.99E-05	
247	0.000376	5.17E-06	3.17E-05
1.95E-05	0.000402	2.92E-05	
248	0.000376	1.59E-05	0.001015
6.92E-05	0.000530	3.56E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000377	3.61E-05	0.002040
0.000197	0.000599	4.01E-05	
250	0.000377	5.81E-05	0.002633
0.000322	0.000573	3.90E-05	
251	0.000377	7.57E-05	0.002865
0.000418	0.000487	3.67E-05	
252	0.000378	8.52E-05	0.002788
0.000466	0.000371	3.47E-05	
253	0.000378	8.54E-05	0.002784
0.000466	0.000282	3.40E-05	
254	0.000379	7.63E-05	0.002860
0.000417	0.000280	3.63E-05	
255	0.000379	5.92E-05	0.002628
0.000320	0.000275	4.08E-05	
256	0.000379	3.77E-05	0.002036
0.000196	0.000308	4.85E-05	
257	0.000380	1.77E-05	0.001012
6.82E-05	0.000335	5.20E-05	
258	0.000380	7.57E-06	3.12E-05
1.94E-05	0.000404	5.55E-05	
259	0.000381	3.11E-06	0.001005
8.08E-05	0.000530	6.86E-05	
260	0.000381	1.89E-05	0.002025
0.000217	0.000595	7.80E-05	
261	0.000382	4.04E-05	0.002619
0.000343	0.000565	7.33E-05	
262	0.000382	5.82E-05	0.002857
0.000435	0.000476	6.15E-05	
263	0.000382	6.84E-05	0.002878
0.000478	0.000358	4.49E-05	
264	0.000382	6.95E-05	0.003241
0.000472	0.000281	3.34E-05	
265	0.000381	6.15E-05	0.003328
0.000419	0.000279	2.84E-05	
266	0.000380	4.54E-05	0.003056
0.000318	0.000274	2.60E-05	
267	0.000378	2.40E-05	0.002366
0.000195	0.000331	2.69E-05	
268	0.000377	1.53E-05	0.001177
6.76E-05	0.000371	2.72E-05	
269	0.000376	1.89E-05	3.48E-05
3.15E-05	0.000347	3.25E-05	
270	0.000376	2.24E-05	0.001073
0.000110	0.000580	4.46E-05	
271	0.000375	3.45E-05	0.002206
0.000258	0.000652	5.42E-05	
272	0.000374	5.92E-05	0.002919
0.000395	0.000623	5.23E-05	
273	0.000373	8.34E-05	0.003270
0.000500	0.000527	4.60E-05	
274	0.000373	0.000100	0.003304
0.000556	0.000395	4.34E-05	
275	0.000373	0.000107	0.003074
0.000568	0.000284	4.03E-05	
276	0.000373	0.000103	0.002629
0.000530	0.000280	3.96E-05	
277	0.000373	8.65E-05	0.002019
0.000439	0.000283	3.96E-05	
278	0.000373	6.13E-05	0.001286
0.000291	0.000284	4.04E-05	
279	0.000374	3.54E-05	0.000466
6.73E-05	0.000219	3.43E-05	
280	0.000374	3.30E-05	8.20E-05
4.05E-05	0.000170	4.22E-05	
281	0.000271	5.95E-06	.000000
3.45E-05	0.000367	8.30E-07	
282	0.000250	7.84E-06	.000000
3.89E-05	0.000215	4.29E-06	
283	0.000341	.000000	.000000
2.41E-05	0.000197	3.99E-06	
284	.000000	.000000	.000000
1.33E-05	0.000201	4.08E-06	
285	0.000491	2.55E-05	.000000
1.57E-05	0.000244	4.02E-06	
286	0.000310	6.16E-06	.000000
3.00E-05	0.000148	1.03E-05	
287	0.000348	3.33E-05	.000000
7.67E-05	0.000561	4.52E-06	
288	0.000360	7.23E-06	.000000
4.64E-05	0.000292	9.76E-07	
289	0.000433	.000000	.000000
3.12E-05	0.000275	1.26E-06	
290	.000000	.000000	.000000
2.00E-05	0.000278	9.66E-07	
291	0.000642	3.34E-05	.000000
1.48E-05	0.000327	1.31E-06	
292	0.000522	4.06E-05	.000000
3.29E-05	0.000166	1.78E-06	
293	0.000433	6.96E-05	.000000
0.000140	0.000769	1.09E-05	
294	0.000411	6.37E-06	.000000
6.31E-05	0.000371	5.75E-06	
295	0.000542	5.20E-05	.000000
9.67E-05	0.000344	5.82E-06	
296	1.86E-06	4.23E-05	.000000
2.13E-05	0.000359	5.52E-06	
297	0.000749	0.000243	.000000
1.64E-05	0.000411	6.37E-06	
298	0.000732	0.000223	.000000
7.01E-05	0.000190	1.67E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000255	-3.29E-05	-6.80E-09
-1.54E-05	-0.000148	-1.04E-05	
2	-0.000254	-5.11E-05	-0.000999
-1.19E-05	-0.000147	-9.78E-06	
3	-0.000254	-8.77E-05	-0.002692
-1.54E-05	-0.000137	-7.34E-06	
4	-0.000254	-0.000118	-0.004071
-2.48E-05	-0.000117	-6.48E-06	
5	-0.000254	-0.000137	-0.005009
-3.71E-05	-9.04E-05	-5.20E-06	
6	-0.000254	-0.000147	-0.005416
-4.95E-05	-5.43E-05	-3.56E-06	
7	-0.000254	-0.000146	-0.005261
-6.06E-05	-6.34E-05	-1.91E-06	
8	-0.000254	-0.000135	-0.004591
-6.86E-05	-0.000156	-1.04E-07	
9	-0.000254	-0.000115	-0.003522
-6.99E-05	-0.000224	-2.88E-07	
10	-0.000253	-9.04E-05	-0.002228
-5.99E-05	-0.000257	-1.34E-06	
11	-0.000253	-6.68E-05	-0.000886
-3.38E-05	-0.000257	-6.95E-06	
12	-0.000253	-5.36E-05	-1.67E-08
-8.74E-06	-0.000241	-4.18E-06	
13	-0.000253	-4.12E-05	-0.000763
-1.45E-05	-0.000215	-5.98E-06	
14	-0.000252	-4.74E-05	-0.001871
-4.15E-05	-0.000161	-6.28E-06	
15	-0.000249	-7.26E-05	-0.002887
-5.69E-05	-0.000100	-5.90E-06	
16	-0.000252	-9.52E-05	-0.003673
-6.12E-05	-8.53E-05	-5.06E-06	
17	-0.000251	-0.000110	-0.004089
-5.82E-05	-5.95E-05	-3.65E-06	
18	-0.000251	-0.000115	-0.004069
-5.42E-05	-0.000246	-5.82E-06	
19	-0.000251	-0.000108	-0.003618
-6.15E-05	-0.000125	-6.60E-07	
20	-0.000250	-9.15E-05	-0.002812
-6.21E-05	-0.000182	-3.34E-07	
21	-0.000250	-6.74E-05	-0.001799
-5.16E-05	-0.000210	-1.56E-06	
22	-0.000249	-4.25E-05	-0.000723
-2.60E-05	-0.000211	-3.10E-06	
23	-0.000248	-2.90E-05	-1.35E-08
-8.83E-06	-0.000199	-4.13E-06	
24	-0.000248	-3.01E-05	-0.000711
-1.94E-05	-0.000178	-5.76E-06	
25	-0.000247	-5.55E-05	-0.001764
-4.56E-05	-0.000134	-5.89E-06	
26	-0.000246	-8.17E-05	-0.002749
-5.82E-05	-9.72E-05	-5.25E-06	
27	-0.000245	-0.000102	-0.003524
-5.99E-05	-8.53E-05	-4.42E-06	
28	-0.000244	-0.000113	-0.003949
-5.47E-05	-5.99E-05	-3.06E-06	
29	-0.000243	-0.000113	-0.003950
-5.38E-05	-5.76E-05	-1.54E-06	
30	-0.000243	-0.000103	-0.003527
-5.89E-05	-0.000131	-7.32E-07	
31	-0.000242	-8.27E-05	-0.002753
-5.73E-05	-0.000185	-5.62E-07	
32	-0.000241	-5.66E-05	-0.001769
-4.50E-05	-0.000212	-1.61E-06	
33	-0.000239	-3.09E-05	-0.000714
-1.94E-05	-0.000211	-3.01E-06	
34	-0.000238	-2.83E-05	-1.35E-08
-8.77E-06	-0.000198	-4.06E-06	
35	-0.000238	-4.23E-05	-0.000726
-2.51E-05	-0.000177	-5.74E-06	
36	-0.000239	-6.81E-05	-0.001805
-5.03E-05	-0.000132	-5.86E-06	
37	-0.000239	-9.40E-05	-0.002819
-6.06E-05	-0.000114	-5.13E-06	
38	-0.000240	-0.000114	-0.003625
-6.01E-05	-0.000100	-4.26E-06	
39	-0.000240	-0.000107	-0.004075
-5.29E-05	-6.95E-05	-2.91E-06	
40	-0.000241	-0.000123	-0.004094
-5.78E-05	-6.83E-05	-1.45E-06	
41	-0.000242	-0.000111	-0.003677
-6.07E-05	-0.000144	-7.55E-07	
42	-0.000242	-9.01E-05	-0.002890
-5.62E-05	-0.000199	-5.70E-07	
43	-0.000242	-6.39E-05	-0.001873
-4.07E-05	-0.000226	-1.72E-06	
44	-0.000243	-3.89E-05	-0.000764
-1.38E-05	-0.000226	-3.18E-06	
45	-0.000243	-2.87E-05	-1.60E-08
-9.18E-06	-0.000214	-4.22E-06	
46	-0.000243	-4.26E-05	-0.000887
-3.46E-05	-0.000194	-5.98E-06	
47	-0.000243	-6.88E-05	-0.002228
-6.05E-05	-0.000151	-6.19E-06	
48	-0.000243	-9.61E-05	-0.003522
-7.02E-05	-9.79E-05	-5.55E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000243	-0.000118	-0.004592
-6.87E-05	-4.32E-05	-4.98E-06	
50	-0.000243	-0.000132	-0.005262
-6.05E-05	-3.65E-06	-3.95E-06	
51	-0.000243	-0.000136	-0.005416
-4.93E-05	-7.46E-05	-2.58E-06	
52	-0.000244	-0.000135	-0.005010
-3.68E-05	0.000177	-1.63E-06	
53	-0.000244	-0.000115	-0.004071
-2.46E-05	-0.000268	-7.18E-07	
54	-0.000244	-8.78E-05	-0.002691
-1.51E-05	-0.000337	-6.41E-07	
55	-0.000245	-5.26E-05	-0.000999
-1.27E-05	-0.000368	-9.65E-07	
56	-0.000245	-3.62E-05	-6.91E-09
-1.63E-05	-0.000368	-1.08E-06	
57	-0.000330	-5.25E-05	-1.84E-07
-5.01E-05	-0.000163	-2.39E-06	
58	-0.000330	-4.09E-05	-0.001541
-1.20E-05	-0.000162	-2.14E-06	
59	-0.000330	-2.69E-05	-0.004123
-1.26E-05	-0.000151	-1.38E-06	
60	-0.000330	-2.09E-05	-0.006197
-2.77E-05	-0.000132	-1.05E-06	
61	-0.000330	-1.82E-05	-0.007587
-4.41E-05	-0.000105	-1.13E-06	
62	-0.000330	-1.85E-05	-0.008156
-6.15E-05	-6.96E-05	-1.39E-06	
63	-0.000331	-1.57E-05	-0.007867
-7.80E-05	-0.000141	-1.76E-06	
64	-0.000331	-2.53E-05	-0.006793
-9.17E-05	-0.000263	-1.84E-06	
65	-0.000330	-3.01E-05	-0.005133
-9.78E-05	-0.000352	-1.64E-06	
66	-0.000330	-3.58E-05	-0.003177
-8.92E-05	-0.000389	-1.57E-06	
67	-0.000330	-4.32E-05	-0.001222
-5.66E-05	-0.000368	-1.77E-06	
68	-0.000330	-4.72E-05	-2.44E-07
-1.83E-05	-0.000324	-1.26E-06	
69	-0.000330	-4.70E-05	-0.001085
-2.44E-05	-0.000268	-1.49E-06	
70	-0.000330	-4.46E-05	-0.002770
-6.54E-05	-0.000183	-1.06E-06	
71	-0.000330	-4.27E-05	-0.004386
-8.43E-05	-0.000112	-9.04E-07	
72	-0.000330	-4.06E-05	-0.005666
-8.60E-05	-0.000100	-9.94E-07	
73	-0.000330	-3.61E-05	-0.006355
-7.80E-05	-7.46E-05	-1.77E-06	
74	-0.000330	-3.00E-05	-0.006330
-7.16E-05	-0.000112	-1.30E-06	
75	-0.000330	-2.67E-05	-0.005600
-8.41E-05	-0.000218	-1.42E-06	
76	-0.000330	-2.44E-05	-0.004300
-8.87E-05	-0.000298	-1.42E-06	
77	-0.000330	-2.60E-05	-0.002689
-7.77E-05	-0.000333	-1.72E-06	
78	-0.000330	-3.34E-05	-0.001040
-4.23E-05	-0.000317	-2.01E-06	
79	-0.000330	-3.74E-05	-2.35E-07
-4.14E-06	-0.000278	-1.23E-06	
80	-0.000330	-3.64E-05	-0.001030
-3.26E-05	-0.000228	-1.23E-06	
81	-0.000330	-3.32E-05	-0.002657
-7.10E-05	-0.000153	-1.07E-06	
82	-0.000330	-3.10E-05	-0.004239
-8.52E-05	-0.000111	-9.75E-07	
83	-0.000330	-2.94E-05	-0.005508
-8.35E-05	-0.000100	-9.51E-07	
84	-0.000330	-2.70E-05	-0.006206
-7.31E-05	-7.38E-05	-8.29E-07	
85	-0.000330	-2.57E-05	-0.006206
-7.18E-05	-0.000124	-6.64E-07	
86	-0.000330	-2.83E-05	-0.005508
-8.19E-05	-0.000229	-8.22E-07	
87	-0.000330	-3.02E-05	-0.004239
-8.35E-05	-0.000306	-1.04E-06	
88	-0.000330	-3.28E-05	-0.002657
-6.94E-05	-0.000337	-1.61E-06	
89	-0.000330	-3.65E-05	-0.001030
-3.16E-05	-0.000316	-1.99E-06	
90	-0.000331	-3.68E-05	-2.35E-07
-4.71E-06	-0.000275	-1.02E-06	
91	-0.000331	-3.45E-05	-0.001040
-4.22E-05	-0.000225	-1.12E-06	
92	-0.000331	-2.81E-05	-0.002689
-7.68E-05	-0.000149	-1.03E-06	
93	-0.000331	-2.41E-05	-0.004299
-8.73E-05	-0.000128	-1.04E-06	
94	-0.000331	-2.16E-05	-0.005600
-8.28E-05	-0.000115	-1.04E-06	
95	-0.000331	-2.17E-05	-0.006330
-7.04E-05	-8.39E-05	-8.87E-07	
96	-0.000331	-2.42E-05	-0.006354
-7.81E-05	-0.000140	-6.71E-07	
97	-0.000330	-2.68E-05	-0.005665
-8.62E-05	-0.000247	-8.18E-07	
98	-0.000330	-2.85E-05	-0.004386
-8.48E-05	-0.000324	-9.76E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000330	-3.05E-05	-0.002770
-6.61E-05	-0.000354	-1.58E-06	
100	-0.000329	-3.77E-05	-0.001085
-2.52E-05	-0.000333	-1.82E-06	
101	-0.000329	-3.77E-05	-2.45E-07
-1.66E-05	-0.000293	-1.22E-06	
102	-0.000329	-3.75E-05	-0.001222
-5.54E-05	-0.000243	-1.45E-06	

136	-0.000416	-4.08E-05	-0.001363
-5.03E-05	-0.000278	-4.46E-06	
137	-0.000417	-5.19E-05	-0.003589
-8.69E-05	-0.000171	-2.50E-06	
138	-0.000419	-5.50E-05	-0.005785
-0.000102	-0.000124	-1.81E-06	
139	-0.000420	-5.29E-05	-0.007556
-0.000102	-0.000114	-1.87E-06	
140	-0.000421	-4.76E-05	-0.008528
-9.48E-05	-8.82E-05	-1.78E-06	
141	-0.000421	-4.63E-05	-0.008526
-9.40E-05	-0.000196	-4.30E-06	
142	-0.000422	-5.25E-05	-0.007552
-0.000101	-0.000332	-5.23E-06	
143	-0.000423	-5.54E-05	-0.005779
-0.000102	-0.000431	-6.69E-06	
144	-0.000425	-5.32E-05	-0.003583
-8.62E-05	-0.000467	-7.21E-06	
145	-0.000426	-4.30E-05	-0.001359
-5.01E-05	-0.000428	-6.57E-06	
146	-0.000428	-3.04E-05	-4.27E-07
-4.01E-05	-0.000357	-5.51E-06	
147	-0.000428	-2.74E-05	-0.001369
-5.26E-05	-0.000275	-4.13E-06	
148	-0.000427	-3.66E-05	-0.003613
-8.67E-05	-0.000169	-2.37E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000427	-3.83E-05	-0.005836
-0.000100	-0.000143	-1.90E-06	
150	-0.000426	-3.51E-05	-0.007642
-9.83E-05	-0.000130	-1.94E-06	
151	-0.000425	-3.80E-05	-0.008651
-9.15E-05	-0.000100	-1.86E-06	
152	-0.000424	-4.53E-05	-0.008677
-9.91E-05	-0.000206	-3.44E-06	
153	-0.000423	-5.10E-05	-0.007716
-0.000106	-0.000344	-5.38E-06	
154	-0.000422	-5.31E-05	-0.005935
-0.000105	-0.000445	-6.90E-06	
155	-0.000421	-4.98E-05	-0.003705
-8.67E-05	-0.000482	-7.50E-06	
156	-0.000420	-3.80E-05	-0.001419
-4.98E-05	-0.000445	-6.99E-06	
157	-0.000420	-3.92E-05	-4.34E-07
-3.95E-05	-0.000376	-6.02E-06	
158	-0.000419	-4.71E-05	-0.001570
-5.84E-05	-0.000296	-4.67E-06	
159	-0.000418	-5.74E-05	-0.004161
-8.98E-05	-0.000191	-2.93E-06	
160	-0.000418	-6.29E-05	-0.006795
-0.000100	-0.000103	-1.43E-06	
161	-0.000417	-6.45E-05	-0.009053
-9.59E-05	-3.63E-05	-1.63E-07	
162	-0.000416	-6.42E-05	-0.010530
-8.77E-05	-5.11E-05	-8.73E-07	
163	-0.000416	-6.19E-05	-0.010963
-8.22E-05	-0.000186	-2.41E-06	
164	-0.000416	-5.82E-05	-0.010242
-8.26E-05	-0.000357	-4.62E-06	
165	-0.000415	-5.38E-05	-0.008407
-8.71E-05	-0.000525	-7.23E-06	
166	-0.000416	-5.72E-05	-0.005625
-8.84E-05	-0.000675	-9.71E-06	
167	-0.000416	-6.62E-05	-0.002114
-8.16E-05	-0.000770	-1.13E-05	
168	-0.000416	-7.19E-05	-3.57E-07
-7.74E-05	-0.000783	-1.15E-05	
169	-0.000292	-2.68E-05	-4.89E-05
-0.000138	-0.000153	-2.40E-05	
170	-0.000292	-3.83E-05	-0.001281
-1.48E-05	-0.000154	-1.95E-05	
171	-0.000292	-5.80E-05	-0.003348
-1.26E-05	-0.000147	-2.30E-05	
172	-0.000292	-7.62E-05	-0.005015
-2.73E-05	-0.000129	-2.32E-05	
173	-0.000292	-8.00E-05	-0.006135
-4.30E-05	-0.000103	-2.38E-05	
174	-0.000292	-8.38E-05	-0.006603
-5.97E-05	-6.77E-05	-2.46E-05	
175	-0.000292	-8.61E-05	-0.006393
-7.64E-05	-9.67E-05	-2.56E-05	
176	-0.000292	-8.32E-05	-0.005558
-9.20E-05	-0.000204	-2.90E-05	
177	-0.000292	-7.48E-05	-0.004238
-0.000104	-0.000284	-3.28E-05	
178	-0.000291	-6.21E-05	-0.002658
-0.000106	-0.000321	-3.69E-05	
179	-0.000291	-4.85E-05	-0.001049
-8.43E-05	-0.000313	-3.25E-05	
180	-0.000291	-4.18E-05	-1.77E-05
-4.24E-05	-0.000283	-2.91E-05	
181	-0.000291	-3.69E-05	-0.000916
-5.71E-05	-0.000244	-3.04E-05	
182	-0.000291	-3.27E-05	-0.002269
-8.69E-05	-0.000178	-3.30E-05	
183	-0.000291	-4.59E-05	-0.003538
-9.14E-05	-0.000111	-3.31E-05	
184	-0.000290	-5.67E-05	-0.004526
-8.56E-05	-9.78E-05	-3.25E-05	
185	-0.000290	-6.28E-05	-0.005051
-7.45E-05	-7.10E-05	-3.08E-05	
186	-0.000290	-6.60E-05	-0.005030
-6.89E-05	-7.88E-05	-2.87E-05	
187	-0.000290	-6.50E-05	-0.004467
-8.42E-05	-0.000167	-2.65E-05	
188	-0.000290	-5.81E-05	-0.003458
-9.49E-05	-0.000236	-2.66E-05	
189	-0.000289	-4.67E-05	-0.002193
-9.59E-05	-0.000268	-2.85E-05	
190	-0.000289	-3.33E-05	-0.000873
-7.29E-05	-0.000262	-2.50E-05	
191	-0.000289	-2.61E-05	-1.63E-05
-3.19E-05	-0.000237	-2.03E-05	
192	-0.000288	-2.44E-05	-0.000859
-6.41E-05	-0.000204	-1.84E-05	
193	-0.000288	-3.82E-05	-0.002158
-8.96E-05	-0.000149	-1.42E-05	
194	-0.000287	-5.13E-05	-0.003395
-9.10E-05	-0.000109	-1.31E-05	
195	-0.000287	-6.02E-05	-0.004372
-8.28E-05	-1.51E-05	-1.15E-05	
196	-0.000287	-6.47E-05	-0.004907
-6.97E-05	-7.25E-05	-2.02E-05	
197	-0.000286	-6.47E-05	-0.004907
-6.85E-05	-8.96E-05	-3.03E-05	
198	-0.000286	-6.02E-05	-0.004374
-8.13E-05	-0.000177	-4.34E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000286	-5.12E-05	-0.003398
-8.94E-05	-0.000243	-5.30E-05	
200	-0.000286	-3.81E-05	-0.002161
-8.79E-05	-0.000271	-5.82E-05	
201	-0.000285	-2.43E-05	-0.000863
-6.30E-05	-0.000261	-5.40E-05	
202	-0.000285	-2.62E-05	-1.53E-05
-3.21E-05	-0.000234	-4.76E-05	
203	-0.000285	-3.38E-05	-0.000874
-7.19E-05	-0.000199	-4.80E-05	
204	-0.000285	-4.83E-05	-0.002196
-9.43E-05	-0.000144	-4.53E-05	
205	-0.000285	-6.15E-05	-0.003461
-9.32E-05	-0.000126	-3.87E-05	
206	-0.000285	-7.15E-05	-0.004470
-8.26E-05	-0.000112	-3.29E-05	
207	-0.000285	-7.58E-05	-0.005032
-6.75E-05	-8.19E-05	-2.79E-05	
208	-0.000285	-7.46E-05	-0.005052
-7.43E-05	-0.000104	-2.42E-05	
209	-0.000285	-6.86E-05	-0.004526
-8.54E-05	-0.000194	-2.17E-05	
210	-0.000285	-5.77E-05	-0.003538
-9.13E-05	-0.000260	-2.15E-05	
211	-0.000285	-4.45E-05	-0.002268
-8.70E-05	-0.000287	-2.29E-05	
212	-0.000285	-3.11E-05	-0.000913
-5.73E-05	-0.000276	-2.16E-05	
213	-0.000285	-2.53E-05	-2.02E-05
-4.21E-05	-0.000248	-1.95E-05	
214	-0.000285	-3.18E-05	-0.001053
-8.39E-05	-0.000215	-2.13E-05	
215	-0.000285	-4.58E-05	-0.002661
-0.000106	-0.000161	-2.44E-05	
216	-0.000285	-5.90E-05	-0.004241
-0.000104	-0.000102	-2.53E-05	
217	-0.000285	-6.86E-05	-0.005560
-9.19E-05	-4.48E-05	-2.76E-05	
218	-0.000285	-7.35E-05	-0.006395
-7.63E-05	-1.75E-05	-2.91E-05	
219	-0.000285	-7.52E-05	-0.006605
-5.95E-05	-0.000110	-3.04E-05	
220	-0.000285	-7.54E-05	-0.006136
-4.29E-05	-0.000228	-3.18E-05	
221	-0.000286	-7.02E-05	-0.005016
-2.72E-05	-0.000335	-3.82E-05	
222	-0.000286	-5.86E-05	-0.003349
-1.28E-05	-0.000416	-4.90E-05	
223	-0.000286	-4.07E-05	-0.001283
-1.48E-05	-0.000451	-4.62E-05	
224	-0.000286	-3.53E-05	-5.08E-05
-0.000138	-0.000441	-5.84E-05	
225	-0.000368	-4.95E-05	-0.000132
-0.000175	-0.000171	-2.78E-05	
226	-0.000368	-3.98E-05	-0.001814
-5.40E-05	-0.000220	-2.78E-05	
227	-0.000368	-2.78E-05	-0.004925
-6.06E-05	-0.000284	-2.94E-05	
228	-0.000369	-2.19E-05	-0.007423
-5.71E-05	-0.000283	-2.99E-05	
229	-0.000369	-2.22E-05	-0.009104
-5.96E-05	-0.000280	-3.13E-05	
230	-0.000369	-2.52E-05	-0.009772
-7.19E-05	-0.000284	-3.42E-05	
231	-0.000369	-2.71E-05	-0.009400
-8.67E-05	-0.000394	-3.97E-05	
232	-0.000369	-2.79E-05	-0.008070
-0.000103	-0.000527	-4.64E-05	
233	-0.000369	-2.72E-05	-0.006051
-0.000117	-0.000623	-2.52E-05	
234	-0.000369	-2.89E-05	-0.003710
-0.000121	-0.000652	-5.70E-05	
235	-0.000369	-3.38E-05	-0.001399
-9.57E-05	-0.000580	-4.73E-05	
236	-0.000369	-4.17E-05	-7.97E-05
-5.12E-05	-0.000447	-3.53E-05	
237	-0.000369	-4.55E-05	-0.001262
-7.75E-05	-0.000371	-3.56E-05	
238	-0.000370	-5.53E-05	-0.003286
-0.000109	-0.000332	-3.82E-05	
239	-0.000370	-5.69E-05	-0.005263
-0.000111	-0.000274	-3.72E-05	
240	-0.000370	-5.44E-05	-0.006857
-0.000103	-0.000279	-3.75E-05	
241	-0.000370	-4.80E-05	-0.007721
-9.03E-05	-0.000281	-3.81E-05	
242	-0.000370	-3.94E-05	-0.007695
-8.31E-05	-0.000358	-4.00E-05	
243	-0.000371	-3.47E-05	-0.006787
-9.81E-05	-0.000476	-4.44E-05	
244	-0.000371	-3.51E-05	-0.005172
-0.000111	-0.000565	-4.44E-05	
245	-0.000371	-3.34E-05	-0.003202
-0.000113	-0.000595	-4.70E-05	
246	-0.000372	-2.84E-05	-0.001216
-8.50E-05	-0.000531	-3.93E-05	
247	-0.000372	-3.12E-05	-7.97E-05
-3.64E-05	-0.000405	-2.86E-05	
248	-0.000373	-3.83E-05	-0.001208
-7.56E-05	-0.000336	-2.48E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000373	-4.29E-05	-0.003172
-0.000108	-0.000308	-2.58E-05	
250	-0.000374	-4.29E-05	-0.005114
-0.000109	-0.000275	-2.53E-05	
251	-0.000374	-4.17E-05	-0.006695
-9.94E-05	-0.000280	-2.76E-05	
252	-0.000375	-3.74E-05	-0.007569
-8.53E-05	-0.000282	-3.26E-05	
253	-0.000375	-3.62E-05	-0.007568
-8.41E-05	-0.000371	-3.66E-05	
254	-0.000376	-4.09E-05	-0.006692
-9.79E-05	-0.000487	-6.06E-05	
255	-0.000376	-4.34E-05	-0.005110
-0.000108	-0.000573	-7.25E-05	
256	-0.000377	-4.32E-05	-0.003168
-0.000106	-0.000598	-7.75E-05	
257	-0.000378	-3.94E-05	-0.001205
-7.45E-05	-0.000529	-6.84E-05	
258	-0.000378	-3.29E-05	-7.96E-05
-3.61E-05	-0.000401	-5.53E-05	
259	-0.000378	-2.55E-05	-0.001214
-8.38E-05	-0.000331	-5.20E-05	
260	-0.000378	-2.87E-05	-0.003198
-0.000111	-0.000304	-4.87E-05	
261	-0.000378	-2.85E-05	-0.005167
-0.000109	-0.000290	-4.13E-05	
262	-0.000378	-2.72E-05	-0.006783
-9.73E-05	-0.000292	-3.69E-05	
263	-0.000377	-2.96E-05	-0.007692
-8.19E-05	-0.000291	-3.47E-05	
264	-0.000377	-3.51E-05	-0.007718
-9.03E-05	-0.000386	-3.54E-05	
265	-0.000376	-3.96E-05	-0.006855
-0.000103	-0.000504	-3.74E-05	
266	-0.000376	-4.16E-05	-0.005263
-0.000111	-0.000590	-4.00E-05	
267	-0.000375	-4.13E-05	-0.003287
-0.000109	-0.000614	-4.13E-05	
268	-0.000374	-3.54E-05	-0.001264
-7.74E-05	-0.000544	-3.69E-05	
269	-0.000374	-3.65E-05	-7.89E-05
-5.17E-05	-0.000416	-3.03E-05	
270	-0.000374	-4.11E-05	-0.001397
-9.58E-05	-0.000341	-3.12E-05	
271	-0.000373	-4.66E-05	-0.003708
-0.000121	-0.000317	-3.44E-05	
272	-0.000373	-4.99E-05	-0.006050
-0.000116	-0.000252	-3.38E-05	
273	-0.000372	-5.12E-05	-0.008070
-0.000103	-0.000208	-3.48E-05	
274	-0.000372	-5.14E-05	-0.009400
-8.66E-05	-0.000246	-3.70E-05	
275	-0.000372	-5.04E-05	-0.009773
-7.18E-05	-0.000376	-4.13E-05	
276	-0.000372	-4.83E-05	-0.009105
-5.95E-05	-0.000526	-4.69E-05	
277	-0.000372	-4.54E-05	-0.007423
-5.71E-05	-0.000673	-4.39E-05	
278	-0.000372	-4.42E-05	-0.004925
-6.06E-05	-0.000791	-6.73E-05	
279	-0.000372	-5.41E-05	-0.001813
-5.40E-05	-0.000802	-6.34E-05	
280	-0.000372	-6.25E-05	-0.000131
-0.000175	-0.000750	-6.66E-05	
281	-0.000449	-3.59E-06	.000000
-1.66E-05	-0.000148	-1.04E-05	
282	-0.000183	-5.75E-06	.000000
-3.98E-06	-0.000240	-4.18E-06	
283	-0.000471	.000000	.000000
-8.79E-06	-0.000199	-4.13E-06	
284	.000000	.000000	.000000
-2.09E-06	-0.000198	-4.06E-06	
285	-0.000396	-2.06E-05	.000000
9.10E-24	-0.000214	-4.22E-06	
286	-0.000193	-3.84E-06	.000000
-7.87E-06	-0.000368	-1.08E-06	
287	-0.000645	-1.80E-05	.000000
-3.22E-05	-0.000162	-2.39E-06	
288	-0.000278	-9.36E-06	.000000
-1.98E-05	-0.000325	-1.26E-06	
289	-0.000621	.000000	.000000
-4.13E-06	-0.000278	-1.23E-06	
290	.000000	.000000	.000000
-6.75E-22	-0.000275	-1.02E-06	
291	-0.000506	-2.63E-05	.000000
3.38E-22	-0.000692	-2.35E-05	
292	-0.000275	-2.14E-05	.000000
-5.45E-21	-0.000562	-4.73E-06	
293	-0.000892	-4.16E-05	.000000
-8.38E-05	-0.000173	-1.41E-06	
294	-0.000381	-5.04E-05	.000000
-7.21E-05	-0.000406	-6.29E-06	
295	-0.000766	-2.35E-05	.000000
-8.60E-05	-0.000351	-5.92E-06	
296	-1.10E-06	-7.15E-05	.000000
-2.84E-05	-0.000357	-5.51E-06	
297	-0.000579	-0.000210	.000000
-1.13E-05	-0.000370	-6.02E-06	
298	-0.000340	-0.000166	.000000
-5.90E-21	-0.000774	-1.15E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000385	2.96E-05	3.54E-08
3.57E-05	0.000600	2.84E-06	
2	0.000385	2.47E-05	0.000582
8.98E-05	0.000595	2.55E-06	
3	0.000385	2.50E-05	0.001591
0.000214	0.000534	1.73E-06	
4	0.000385	2.56E-05	0.002487
0.000308	0.000417	1.28E-06	
5	0.000385	2.53E-05	0.003217
0.000366	0.000271	1.41E-06	
6	0.000385	2.55E-05	0.003722
0.000396	0.000115	1.90E-06	
7	0.000385	2.63E-05	0.003940
0.000396	7.39E-06	3.25E-06	
8	0.000385	2.55E-05	0.003814
0.000365	5.92E-05	4.35E-06	
9	0.000385	2.71E-05	0.003301
0.000303	0.000139	4.89E-06	
10	0.000385	2.64E-05	0.002391
0.000213	0.000220	5.11E-06	
11	0.000385	2.20E-05	0.001096
0.000113	0.000293	4.82E-06	
12	0.000385	1.66E-05	4.62E-08
5.47E-05	0.000333	4.10E-06	
13	0.000384	1.19E-05	0.001218
5.80E-05	0.000360	3.61E-06	
14	0.000384	1.50E-05	0.002592
0.000149	0.000367	2.50E-06	
15	0.000384	1.84E-05	0.003483
0.000234	0.000326	1.28E-06	
16	0.000383	1.78E-05	0.003905
0.000298	0.000238	1.32E-06	
17	0.000383	1.77E-05	0.003883
0.000335	0.000119	1.76E-06	
18	0.000383	2.06E-05	0.003502
0.000342	0.000104	2.87E-06	
19	0.000382	2.20E-05	0.003287
0.000318	0.000316	4.18E-06	
20	0.000382	2.09E-05	0.002917
0.000262	0.000164	5.06E-06	
21	0.000382	1.60E-05	0.002158
0.000180	0.000191	5.52E-06	
22	0.000381	7.30E-06	0.001008
8.87E-05	0.000267	5.25E-06	
23	0.000381	8.64E-06	4.78E-08
3.66E-05	0.000309	4.17E-06	
24	0.000381	1.07E-05	0.001018
7.21E-05	0.000338	3.41E-06	
25	0.000380	1.65E-05	0.002175
0.000164	0.000348	2.04E-06	
26	0.000380	2.17E-05	0.002931
0.000247	0.000310	1.04E-06	
27	0.000379	2.28E-05	0.003292
0.000307	0.000224	1.13E-06	
28	0.000379	2.10E-05	0.003279
0.000338	0.000108	1.53E-06	
29	0.000378	2.01E-05	0.003285
0.000338	8.88E-05	1.95E-06	
30	0.000378	2.09E-05	0.003299
0.000307	0.000124	4.16E-06	
31	0.000377	2.01E-05	0.002937
0.000247	0.000140	4.97E-06	
32	0.000376	1.54E-05	0.002181
0.000164	0.000193	5.25E-06	
33	0.000375	9.38E-06	0.001021
7.23E-05	0.000270	4.92E-06	
34	0.000375	8.62E-06	4.80E-08
3.61E-05	0.000312	3.92E-06	
35	0.000375	6.74E-06	0.001010
8.78E-05	0.000341	3.44E-06	
36	0.000375	1.51E-06	0.002163
0.000179	0.000348	2.55E-06	
37	0.000375	1.99E-05	0.002922
0.000261	0.000307	9.97E-07	
38	0.000374	2.06E-05	0.003292
0.000316	0.000218	1.16E-06	
39	0.000374	1.87E-05	0.003504
0.000341	0.000101	1.68E-06	
40	0.000375	1.55E-05	0.003885
0.000334	8.78E-05	2.85E-06	
41	0.000376	1.57E-05	0.003907
0.000297	0.000123	4.14E-06	
42	0.000378	1.42E-05	0.003486
0.000233	0.000142	4.92E-06	
43	0.000379	1.36E-05	0.002594
0.000148	0.000229	5.18E-06	
44	0.000380	1.47E-05	0.001219
5.55E-05	0.000321	4.89E-06	
45	0.000381	1.85E-05	4.55E-08
5.89E-05	0.000372	4.36E-06	
46	0.000381	2.01E-05	0.001096
0.000115	0.000408	3.39E-06	
47	0.000382	2.57E-05	0.002391
0.000215	0.000421	2.66E-06	
48	0.000382	3.09E-05	0.003301
0.000304	0.000377	1.41E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000382	3.22E-05	0.003814
0.000366	0.000277	1.46E-06	
50	0.000382	3.14E-05	0.003940
0.000397	0.000136	2.19E-06	
51	0.000382	3.27E-05	0.003722
0.000397	7.77E-05	3.29E-06	
52	0.000382	3.60E-05	0.003217
0.000367	0.000128	4.32E-06	
53	0.000382	3.76E-05	0.002487
0.000309	0.000166	5.09E-06	
54	0.000382	3.66E-05	0.001592
0.000215	0.000193	5.91E-06	
55	0.000383	3.29E-05	0.000583
9.13E-05	0.000208	7.13E-06	
56	0.000383	3.38E-05	3.57E-08
3.86E-05	0.000210	7.40E-06	
57	0.000456	4.65E-05	2.10E-08
4.23E-05	0.000784	2.77E-06	
58	0.000456	4.39E-05	0.000611
7.34E-05	0.000774	2.54E-06	
59	0.000456	4.47E-05	0.001670
0.000215	0.000688	1.64E-06	
60	0.000456	4.73E-05	0.002613
0.000332	0.000540	7.78E-07	
61	0.000457	4.66E-05	0.003391
0.000406	0.000363	6.05E-07	
62	0.000457	4.13E-05	0.003944
0.000437	0.000177	7.32E-07	
63	0.000457	3.19E-05	0.004208
0.000426	3.29E-05	9.14E-07	
64	0.000457	1.96E-05	0.004122
0.000375	5.10E-05	1.08E-06	
65	0.000457	9.35E-06	0.003630
0.000302	0.000136	1.26E-06	
66	0.000457	1.27E-05	0.002697
0.000206	0.000230	1.60E-06	
67	0.000457	1.95E-05	0.001282
0.000106	0.000332	1.96E-06	
68	0.000457	2.45E-05	3.44E-08
4.97E-05	0.000403	1.76E-06	
69	0.000457	2.84E-05	0.001408
6.83E-05	0.000461	1.90E-06	
70	0.000457	3.37E-05	0.002903
0.000158	0.000490	1.80E-06	
71	0.000457	3.86E-05	0.003814
0.000249	0.000447	1.35E-06	
72	0.000457	4.03E-05	0.004208
0.000322	0.000341	1.11E-06	
73	0.000457	3.93E-05	0.004138
0.000365	0.000194	1.55E-06	
74	0.000457	3.47E-05	0.003703
0.000369	0.000116	1.92E-06	
75	0.000457	2.63E-05	0.003583
0.000333	0.000157	2.14E-06	
76	0.000457	1.57E-05	0.003238
0.000261	0.000175	2.19E-06	
77	0.000457	5.48E-06	0.002460
0.000168	0.000203	2.18E-06	
78	0.000457	2.39E-06	0.001193
7.57E-05	0.000307	2.25E-06	
79	0.000458	6.57E-06	4.64E-08
2.45E-05	0.000380	2.04E-06	
80	0.000458	1.06E-05	0.001202
6.78E-05	0.000441	2.30E-06	
81	0.000458	1.88E-05	0.002476
0.000162	0.000471	2.21E-06	
82	0.000458	2.70E-05	0.003251
0.000254	0.000431	1.84E-06	
83	0.000458	3.39E-05	0.003587
0.000327	0.000327	1.55E-06	
84	0.000458	3.71E-05	0.003529
0.000365	0.000184	1.17E-06	
85	0.000459	3.61E-05	0.003528
0.000365	0.000100	1.06E-06	
86	0.000459	3.22E-05	0.003586
0.000326	0.000135	1.25E-06	
87	0.000459	2.51E-05	0.003250
0.000253	0.000150	1.33E-06	
88	0.000459	1.71E-05	0.002476
0.000160	0.000206	1.34E-06	
89	0.000459	1.06E-05	0.001202
6.69E-05	0.000310	1.87E-06	
90	0.000459	7.26E-06	4.65E-08
2.50E-05	0.000383	1.66E-06	
91	0.000459	3.32E-06	0.001192
7.56E-05	0.000443	2.05E-06	
92	0.000460	4.11E-06	0.002460
0.000167	0.000471	2.10E-06	
93	0.000460	9.58E-06	0.003237
0.000260	0.000428	1.83E-06	
94	0.000460	1.60E-05	0.003582
0.000332	0.000340	1.64E-06	
95	0.000460	2.02E-05	0.003702
0.000368	0.000177	1.25E-06	
96	0.000459	2.10E-05	0.004138
0.000365	9.94E-05	9.78E-07	
97	0.000459	1.83E-05	0.004207
0.000322	0.000135	1.15E-06	
98	0.000459	1.49E-05	0.003813
0.000249	0.000150	1.24E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000458	1.21E-05	0.002903
0.000157	0.000244	1.53E-06	
100	0.000458	1.73E-05	0.001408
6.72E-05	0.000364	2.35E-06	
101	0.000457	2.11E-05	3.54E-08
4.63E-05	0.000446	2.23E-06	
102	0.000457	2.48E-05	0.001282
0.000104	0.000514	2.59E-06	
103

137	0.000520	6.04E-05	0.002758
0.000145	0.000554	6.58E-06	
138	0.000521	9.03E-05	0.003567
0.000220	0.000507	5.98E-06	
139	0.000522	1.14E-04	0.003886
0.000274	0.000386	4.86E-06	
140	0.000522	0.000126	0.003784
0.000302	0.000220	3.37E-06	
141	0.000523	0.000125	0.003778
0.000302	0.000112	1.93E-06	
142	0.000524	0.000113	0.003879
0.000273	0.000146	1.93E-06	
143	0.000525	9.04E-05	0.003560
0.000219	0.000161	1.93E-06	
144	0.000525	6.16E-05	0.002752
0.000145	0.000221	2.45E-06	
145	0.000526	3.20E-05	0.001357
6.37E-05	0.000347	3.99E-06	
146	0.000527	1.41E-05	5.88E-08
3.52E-05	0.000439	5.08E-06	
147	0.000527	1.45E-05	0.001348
7.75E-05	0.000516	5.91E-06	
148	0.000528	4.16E-05	0.002737
0.000160	0.000556	6.32E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000528	7.06E-05	0.003549
0.000233	0.000510	5.79E-06	
150	0.000529	9.36E-05	0.003876
0.000284	0.000387	4.82E-06	
151	0.000529	0.000106	0.003905
0.000305	0.000220	3.35E-06	
152	0.000528	0.000107	0.004395
0.000299	0.000111	1.92E-06	
153	0.000527	9.44E-05	0.004510
0.000265	0.000146	1.95E-06	
154	0.000525	7.40E-05	0.004136
0.000207	0.000161	1.91E-06	
155	0.000524	4.81E-05	0.003194
0.000133	0.000258	2.69E-06	
156	0.000522	2.92E-05	0.001572
5.51E-05	0.000402	4.53E-06	
157	0.000521	2.58E-05	4.80E-08
5.79E-05	0.000507	5.81E-06	
158	0.000520	3.47E-05	0.001442
0.000105	0.000594	6.84E-06	
159	0.000518	6.64E-05	0.002984
0.000192	0.000649	7.58E-06	
160	0.000517	0.000101	0.003955
0.000275	0.000608	7.36E-06	
161	0.000517	0.000132	0.004434
0.000335	0.000483	6.71E-06	
162	0.000516	0.000153	0.004482
0.000365	0.000328	5.29E-06	
163	0.000516	0.000161	0.004170
0.000363	0.000105	3.27E-06	
164	0.000516	0.000155	0.003568
0.000336	0.000149	1.98E-06	
165	0.000516	0.000134	0.002742
0.000277	0.000187	2.00E-06	
166	0.000516	0.000103	0.001749
0.000188	0.000215	2.09E-06	
167	0.000516	6.66E-05	0.000640
8.19E-05	0.000231	2.36E-06	
168	0.000516	5.11E-05	2.67E-08
3.59E-05	0.000234	2.42E-06	
169	0.000420	3.20E-05	3.45E-05
3.30E-05	0.000675	8.66E-05	
170	0.000420	3.41E-05	0.000603
5.15E-05	0.000682	6.90E-05	
171	0.000420	3.78E-05	0.001632
0.000278	0.000620	7.26E-05	
172	0.000420	4.03E-05	0.002548
0.000402	0.000492	5.66E-05	
173	0.000420	3.94E-05	0.003297
0.000474	0.000333	3.91E-05	
174	0.000420	3.80E-05	0.003822
0.000507	0.000162	3.01E-05	
175	0.000421	3.36E-05	0.004058
0.000503	3.02E-05	2.68E-05	
176	0.000421	2.66E-05	0.003947
0.000460	6.48E-05	2.74E-05	
177	0.000420	1.89E-05	0.003439
0.000375	0.000145	2.89E-05	
178	0.000420	2.09E-05	0.002515
0.000252	0.000230	3.40E-05	
179	0.000420	2.04E-05	0.001160
0.000101	0.000312	3.66E-05	
180	0.000420	1.81E-05	2.07E-05
1.47E-05	0.000368	3.77E-05	
181	0.000420	1.66E-05	0.001291
5.16E-05	0.000416	4.43E-05	
182	0.000420	2.25E-05	0.002722
0.000190	0.000437	4.98E-05	
183	0.000421	2.84E-05	0.003624
0.000307	0.000398	4.66E-05	
184	0.000420	3.21E-05	0.004036
0.000393	0.000301	4.02E-05	
185	0.000419	3.21E-05	0.003996
0.000439	0.000170	3.28E-05	
186	0.000419	3.03E-05	0.003593
0.000447	0.000111	2.94E-05	
187	0.000419	2.60E-05	0.003415
0.000414	0.000159	2.91E-05	
188	0.000419	1.88E-05	0.003053
0.000337	0.000177	2.86E-05	
189	0.000419	1.05E-05	0.002283
0.000222	0.000204	2.78E-05	
190	0.000419	4.54E-06	0.001077
7.97E-05	0.000288	2.91E-05	
191	0.000419	5.27E-06	1.64E-05
4.55E-06	0.000347	2.93E-05	
192	0.000419	9.85E-06	0.001085
6.58E-05	0.000397	3.43E-05	
193	0.000418	1.63E-05	0.002298
0.000207	0.000419	3.78E-05	
194	0.000418	2.46E-05	0.003066
0.000322	0.000380	3.52E-05	
195	0.000418	3.08E-05	0.003419
0.000403	0.000285	3.08E-05	
196	0.000418	3.35E-05	0.003389
0.000442	0.000156	2.49E-05	
197	0.000418	3.24E-05	0.003392
0.000442	0.000104	2.85E-05	
198	0.000418	2.86E-05	0.003423
0.000402	0.000138	3.47E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000417	2.24E-05	0.003069
0.000321	0.000153	4.20E-05	
200	0.000417	1.45E-05	0.002301
0.000205	0.000208	5.07E-05	
201	0.000417	8.57E-06	0.001087
6.45E-05	0.000294	5.55E-05	
202	0.000417	5.30E-06	1.63E-05
4.65E-06	0.000352	5.66E-05	
203	0.000417	4.52E-05	0.001077
7.85E-05	0.000400	6.53E-05	
204	0.000417	1.06E-05	0.002285
0.000221	0.000418	7.09E-05	
205	0.000417	1.48E-05	0.003055
0.000336	0.000376	6.42E-05	
206	0.000417	2.05E-05	0.003417
0.000412	0.000277	5.16E-05	
207	0.000417	2.32E-05	0.003593
0.000446	0.000147	3.46E-05	
208	0.000417	2.29E-05	0.003996
0.000438	0.000104	2.10E-05	
209	0.000417	1.99E-05	0.004035
0.000392	0.000138	1.64E-05	
210	0.000417	1.46E-05	0.003622
0.000287	0.000154	1.69E-05	
211	0.000418	1.13E-05	0.002718
0.000190	0.000247	2.27E-05	
212	0.000418	1.57E-05	0.001285
5.18E-05	0.000348	3.16E-05	
213	0.000418	1.90E-05	1.55E-05
1.42E-05	0.000415	3.56E-05	
214	0.000419	2.26E-05	0.001166
0.000100	0.000471	4.43E-05	
215	0.000419	2.63E-05	0.002518
0.000252	0.000495	5.15E-05	
216	0.000419	3.06E-05	0.003442
0.000375	0.000450	4.78E-05	
217	0.000418	4.18E-05	0.003948
0.000460	0.000341	4.14E-05	
218	0.000418	5.09E-05	0.004059
0.000504	0.000189	3.54E-05	
219	0.000418	5.65E-05	0.003822
0.000508	9.76E-05	3.36E-05	
220	0.000418	5.80E-05	0.003297
0.000474	0.000143	3.61E-05	
221	0.000418	5.53E-05	0.002547
0.000402	0.000179	3.80E-05	
222	0.000418	4.93E-05	0.001630
0.000278	0.000205	3.99E-05	
223	0.000419	4.19E-05	0.000599
5.16E-05	0.000216	3.48E-05	
224	0.000419	3.74E-05	3.40E-05
3.24E-05	0.000214	4.29E-05	
225	0.000483	4.61E-05	7.54E-05
4.20E-05	0.000913	9.18E-05	
226	0.000483	5.56E-05	0.000620
6.91E-05	0.000941	7.69E-05	
227	0.000484	7.48E-05	0.001708
0.000270	0.000882	8.00E-05	
228	0.000484	9.17E-05	0.002680
0.000401	0.000721	6.20E-05	
229	0.000484	0.000100	0.003486
0.000480	0.000528	4.65E-05	
230	0.000484	9.66E-05	0.004067
0.000510	0.000334	3.62E-05	
231	0.000485	8.25E-05	0.004361
0.000494	0.000180	3.38E-05	
232	0.000485	5.96E-05	0.004300
0.000441	0.000170	3.29E-05	
233	0.000485	3.75E-05	0.003820
0.000351	0.000242	3.29E-05	
234	0.000485	2.00E-05	0.002869
0.000237	0.000335	3.82E-05	
235	0.000485	1.85E-05	0.001380
0.000108	0.000406	4.01E-05	
236	0.000485	2.55E-05	3.29E-05
4.72E-05	0.000491	4.16E-05	
237	0.000485	3.70E-05	0.001507
9.04E-05	0.000608	5.25E-05	
238	0.000485	5.66E-05	0.003075
0.000200	0.000668	6.09E-05	
239	0.000486	7.44E-05	0.004001
0.000299	0.000628	5.64E-05	
240	0.000486	8.69E-05	0.004380
0.000380	0.000513	4.96E-05	
241	0.000486	9.05E-05	0.004282
0.000426	0.000359	4.09E-05	
242	0.000486	8.40E-05	0.003814
0.000430	0.000258	3.67E-05	
243	0.000487	6.84E-05	0.003752
0.000392	0.000280	3.60E-05	
244	0.000487	4.61E-05	0.003422
0.000315	0.000286	2.62E-05	
245	0.000487	2.24E-05	0.002627
0.000212	0.000311	3.78E-05	
246	0.000488	5.77E-06	0.001286
9.39E-05	0.000384	3.81E-05	
247	0.000488	6.72E-06	2.96E-05
2.99E-05	0.000470	3.86E-05	
248	0.000488	1.78E-05	0.001298
8.77E-05	0.000589	4.68E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000489	3.74E-05	0.002643
0.000200	0.000652	5.30E-05	
250	0.000489	5.83E-05	0.003435
0.000300	0.000614	5.11E-05	
251	0.000489	7.52E-05	0.003757
0.000379	0.000502	4.65E-05	
252	0.000490	8.45E-05	0.003671
0.000420	0.000350	4.20E-05	
253	0.000490	8.45E-05	0.003668
0.000419	0.000244	3.92E-05	
254	0.000490	7.52E-05	0.003753
0.000378	0.000260	3.84E-05	
255	0.000491	5.86E-05	0.003430
0.000299	0.000264	4.06E-05	
256	0.000491	3.81E-05	0.002639
0.000198	0.000314	4.63E-05	
257	0.000491	1.91E-05	0.001295
8.64E-05	0.000387	5.20E-05	
258	0.000492	8.75E-06	2.92E-05
2.97E-05	0.000472	5.65E-05	
259	0.000492	3.39E-06	0.001285
9.25E-05	0.000591	7.02E-05	
260	0.000493	1.77E-05	0.002624
0.000210	0.000653	8.01E-05	
261	0.000493	3.51E-05	0.003418
0.000313	0.000613	7.48E-05	
262	0.000494	5.20E-05	0.003749
0.000391	0.000499	6.14E-05	
263	0.000494	6.26E-05	0.003813
0.000429	0.000346	4.58E-05	
264	0.000493	6.43E-05	0.004282
0.000426	0.000242	3.85E-05	
265	0.000493	5.68E-05	0.004381
0.000380	0.000258	3.54E-05	
266	0.000491	4.17E-05	0.004003
0.000299	0.000263	3.39E-05	
267	0.000490	2.48E-05	0.003078
0.000200	0.000348	3.39E-05	
268	0.000489	1.91E-05	0.001511
9.06E-05	0.000437	3.61E-05	
269	0.000488	2.35E-05	3.25E-05
4.81E-05	0.000534	4.25E-05	
270	0.000488	2.75E-05	0.001376
0.000108	0.000662	5.60E-05	
271	0.000487	3.96E-05	0.002866
0.000237	0.000746	6.65E-05	
272	0.000486	6.09E-05	0.003818
0.000351	0.000701	6.37E-05	
273	0.000485	8.42E-05	0.004299
0.000441	0.000581	5.42E-05	
274	0.000485	0.000103	0.004360
0.000494	0.000410	4.66E-05	
275	0.000485	0.000113	0.004067
0.000510	0.000253	4.04E-05	
276	0.000485	0.000111	0.003486
0.000480	0.000260	3.94E-05	
277	0.000485	9.77E-05	0.002681
0.000401	0.000281	3.91E-05	
278	0.000485	7.58E-05	0.001710
0.000270	0.000295	4.10E-05	
279	0.000485	5.26E-05	0.000623
6.93E-05	0.000259	3.55E-05	
280	0.000485	4.94E-05	7.66E-05
4.27E-05	0.000227	4.37E-05	
281	0.000407	9.51E-06	.000000
4.45E-05	0.000299	2.84E-06	
282	0.000392	1.23E-05	.000000
5.52E-05	0.000334	4.10E-06	
283	0.000510	.000000	.000000
3.66E-05	0.000309	4.17E-06	
284	.000000	.000000	.000000
2.04E-05	0.000314	3.92E-06	
285	0.000747	3.89E-05	.000000
2.11E-05	0.000375	4.36E-06	
286	0.000531	1.06E-05	.000000
3.68E-05	0.000211	7.40E-06	
287	0.000477	4.65E-05	.000000
7.43E-05	0.000783	2.77E-06	
288	0.000495	1.00E-05	.000000
4.97E-05	0.000402	1.76E-06	
289	0.000595	.000000	.000000
2.45E-05	0.000380	2.04E-06	
290	.000000	.000000	.000000
8.56E-06	0.000383	1.66E-06	
291	0.000880	4.58E-05	.000000
1.53E-05	0.000448	2.23E-06	
292	0.000735	5.72E-05	.000000
3.43E-05	0.000223	1.95E-06	
293	0.000539	5.88E-05	.000000
0.000150	0.000917	9.03E-06	
294	0.000564	1.57E-05	.000000
6.77E-05	0.000456	5.00E-06	
295	0.000672	4.54E-05	.000000
0.000104	0.000423	5.56E-06	
296	1.85E-06	3.92E-05	.000000
1.65E-05	0.000440	5.08E-06	
297	0.000939	0.000284	.000000
1.48E-05	0.000503	5.81E-06	
298	0.000863	0.000238	.000000
5.42E-05	0.000242	2.42E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000384	-4.05E-05	-4.29E-08
-3.31E-05	-0.000210	-7.31E-06	
2	-0.000383	-5.33E-05	-0.001638
-2.39E-05	-0.000208	-7.14E-06	
3	-0.000383	-8.04E-05	-0.004399
-1.60E-05	-0.000193	-6.27E-06	
4	-0.000383	-0.000105	-0.006631
-2.53E-05	-0.000166	-5.97E-06	
5	-0.000383	-0.000122	-0.008134
-3.53E-05	-0.000128	-5.19E-06	
6	-0.000383	-0.000130	-0.008767
-4.45E-05	-7.78E-05	-4.00E-06	
7	-0.000383	-0.000123	-0.008489
-5.23E-05	-0.000136	-2.73E-06	
8	-0.000383	-0.000122	-0.007375
-6.10E-05	-0.000277	-1.73E-06	
9	-0.000383	-0.000111	-0.005622
-6.50E-05	-0.000377	-1.70E-06	
10	-0.000383	-9.66E-05	-0.003524
-5.79E-05	-0.000421	-2.97E-06	
11	-0.000383	-8.45E-05	-0.001382
-3.16E-05	-0.000408	-4.24E-06	
12	-0.000383	-7.72E-05	-7.19E-08
-9.13E-06	-0.000372	-4.45E-06	
13	-0.000382	-6.69E-05	-0.001204
-1.29E-05	-0.000321	-5.05E-06	
14	-0.000382	-7.12E-05	-0.003000
-3.67E-05	-0.000229	-5.41E-06	
15	-0.000382	-9.19E-05	-0.004678
-5.11E-05	-0.000142	-5.16E-06	
16	-0.000381	-0.000109	-0.005988
-5.43E-05	-0.000123	-4.57E-06	
17	-0.000381	-0.000121	-0.006688
-5.11E-05	-8.76E-05	-3.60E-06	
18	-0.000381	-0.000117	-0.006658
-4.71E-05	-0.000101	-2.36E-06	
19	-0.000381	-0.000106	-0.005908
-5.49E-05	-0.000218	-1.36E-06	
20	-0.000380	-8.51E-05	-0.004570
-5.74E-05	-0.000278	-1.78E-06	
21	-0.000380	-6.82E-05	-0.002897
-4.88E-05	-0.000348	-2.41E-06	
22	-0.000379	-5.27E-05	-0.001146
-2.24E-05	-0.000340	-3.82E-06	
23	-0.000379	-4.39E-05	-5.96E-08
-7.21E-06	-0.000311	-4.19E-06	
24	-0.000378	-4.57E-05	-0.001130
-1.52E-05	-0.000269	-4.89E-06	
25	-0.000378	-6.57E-05	-0.002850
-4.17E-05	-0.000193	-5.20E-06	
26	-0.000377	-8.66E-05	-0.004484
-5.30E-05	-0.000140	-4.94E-06	
27	-0.000376	-0.000103	-0.005780
-5.35E-05	-0.000124	-4.50E-06	
28	-0.000376	-0.000111	-0.006491
-4.76E-05	-8.90E-05	-2.85E-06	
29	-0.000375	-0.000110	-0.006492
-4.69E-05	-0.000107	-1.63E-06	
30	-0.000375	-0.000102	-0.005782
-5.23E-05	-0.000123	-2.45E-06	
31	-0.000374	-8.56E-05	-0.004488
-5.21E-05	-0.000309	-1.05E-06	
32	-0.000373	-6.52E-05	-0.002853
-4.11E-05	-0.000348	-2.03E-06	
33	-0.000372	-4.57E-05	-0.001133
-1.52E-05	-0.000339	-3.41E-06	
34	-0.000372	-4.33E-05	-5.96E-08
-7.19E-06	-0.000310	-3.99E-06	
35	-0.000372	-5.29E-05	-0.001149
-2.14E-05	-0.000267	-4.99E-06	
36	-0.000372	-7.00E-05	-0.002902
-4.75E-05	-0.000192	-5.32E-06	
37	-0.000372	-8.82E-05	-0.004576
-5.59E-05	-0.000164	-4.76E-06	
38	-0.000373	-0.000103	-0.005913
-5.36E-05	-0.000146	-4.20E-06	
39	-0.000373	-0.000115	-0.006663
-4.58E-05	-0.000104	-2.88E-06	
40	-0.000374	-0.000117	-0.006692
-5.06E-05	-0.000119	-1.49E-06	
41	-0.000374	-0.000109	-0.005992
-5.37E-05	-0.000238	-1.14E-06	
42	-0.000374	-9.16E-05	-0.004681
-5.03E-05	-0.000326	-1.11E-06	
43	-0.000374	-7.03E-05	-0.003001
-3.58E-05	-0.000367	-2.25E-06	
44	-0.000374	-5.02E-05	-0.001204
-1.07E-05	-0.000360	-3.76E-06	
45	-0.000374	-4.16E-05	-7.07E-08
-1.11E-05	-0.000332	-4.23E-06	
46	-0.000374	-5.24E-05	-0.001383
-3.32E-05	-0.000293	-4.87E-06	
47	-0.000374	-7.42E-05	-0.003525
-5.90E-05	-0.000249	-5.11E-06	
48	-0.000374	-9.85E-05	-0.005623
-6.56E-05	-0.000139	-5.02E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000374	-0.000119	-0.007375
-6.14E-05	-5.92E-05	-4.49E-06	
50	-0.000374	-0.000133	-0.008489
-5.31E-05	-7.36E-06	-3.37E-06	
51	-0.000374	-0.000138	-0.008767
-4.54E-05	-0.000115	-1.98E-06	
52	-0.000374	-0.000132	-0.008134
-3.63E-05	-0.000271	-1.43E-06	
53	-0.000375	-0.000116	-0.006631
-2.65E-05	-0.000418	-1.24E-06	
54	-0.000375	-9.15E-05	-0.004399
-1.77E-05	-0.000535	-1.60E-06	
55	-0.000376	-6.20E-05	-0.001637
-2.45E-05	-0.000596	-2.64E-06	
56	-0.000376	-4.71E-05	-4.29E-08
-3.38E-05	-0.000600	-3.00E-06	
57	-0.000452	-3.49E-05	-3.63E-07
-8.27E-05	-0.000221	-2.39E-06	
58	-0.000453	-3.00E-05	-0.002151
-5.48E-05	-0.000219	-2.11E-06	
59	-0.000453	-2.42E-05	-0.005750
-5.91E-05	-0.000204	-1.28E-06	
60	-0.000453	-2.11E-05	-0.008646
-6.92E-05	-0.000177	-1.05E-06	
61	-0.000453	-1.90E-05	-0.010593
-7.68E-05	-0.000139	-1.66E-06	
62	-0.000453	-1.78E-05	-0.011389
-8.16E-05	-0.000108	-2.43E-06	
63	-0.000453	-1.72E-05	-0.010979
-8.44E-05	-0.000231	-3.11E-06	
64	-0.000453	-2.01E-05	-0.009466
-8.56E-05	-0.000395	-3.37E-06	
65	-0.000453	-2.26E-05	-0.007137
-8.43E-05	-0.000509	-3.16E-06	
66	-0.000453	-3.05E-05	-0.004405
-7.99E-05	-0.000551	-2.68E-06	
67	-0.000453	-4.16E-05	-0.001687
-5.69E-05	-0.000513	-2.20E-06	
68	-0.000453	-4.60E-05	-4.65E-07
-2.78E-05	-0.000446	-2.16E-06	
69	-0.000453	-5.38E-05	-0.001505
-3.98E-05	-0.000364	-2.46E-06	
70	-0.000453	-5.93E-05	-0.003864
-8.07E-05	-0.000244	-1.40E-06	
71	-0.000453	-6.04E-05	-0.006139
-9.78E-05	-0.000150	-8.71E-07	
72	-0.000453	-5.76E-05	-0.007948
-9.79E-05	-0.000135	-1.08E-06	
73	-0.000453	-5.13E-05	-0.008922
-8.76E-05	-0.000100	-1.60E-06	
74	-0.000453	-4.27E-05	-0.008888
-7.75E-05	-0.000177	-2.15E-06	
75	-0.000453	-3.44E-05	-0.007857
-8.23E-05	-0.000322	-2.51E-06	
76	-0.000453	-2.59E-05	-0.006019
-8.07E-05	-0.000428	-2.60E-06	
77	-0.000453	-2.26E-05	-0.003753
-6.79E-05	-0.000471	-2.59E-06	
78	-0.000453	-2.31E-05	-0.001444
-3.82E-05	-0.000443	-2.39E-06	
79	-0.000454	-2.95E-05	-4.56E-07
-5.49E-06	-0.000383	-2.06E-06	
80	-0.000454	-3.40E-05	-0.001430
-3.43E-05	-0.000310	-2.11E-06	
81	-0.000454	-3.84E-05	-0.003710
-7.10E-05	-0.000206	-1.34E-06	
82	-0.000454	-3.98E-05	-0.005938
-8.61E-05	-0.000150	-1.23E-06	
83	-0.000454	-3.89E-05	-0.007732
-8.71E-05	-0.000135	-1.17E-06	
84	-0.000454	-3.60E-05	-0.008719
-7.96E-05	-0.000100	-1.01E-06	
85	-0.000455	-3.34E-05	-0.008719
-7.85E-05	-0.000454	-1.19E-06	
86	-0.000455	-3.64E-05	-0.007732
-8.58E-05	-0.000327	-1.58E-06	
87	-0.000455	-3.76E-05	-0.005937
-8.46E-05	-0.000431	-1.89E-06	
88	-0.000455	-3.69E-05	-0.003709
-6.97E-05	-0.000471	-2.10E-06	
89	-0.000454	-3.36E-05	-0.001430
-3.35E-05	-0.000441	-2.09E-06	
90	-0.000456	-3.00E-05	-4.56E-07
-6.06E-06	-0.000380	-1.71E-06	
91	-0.000456	-2.50E-05	-0.001444
-3.81E-05	-0.000306	-1.86E-06	
92	-0.000456	-2.28E-05	-0.003752
-6.70E-05	-0.000203	-1.45E-06	
93	-0.000456	-2.24E-05	-0.006018
-7.95E-05	-0.000175	-1.47E-06	
94	-0.000456	-2.40E-05	-0.007856
-8.11E-05	-0.000157	-1.38E-06	
95	-0.000456	-2.81E-05	-0.008887
-7.64E-05	-0.000116	-1.06E-06	
96	-0.000455	-3.24E-05	-0.008921
-8.75E-05	-0.000194	-1.13E-06	
97	-0.000455	-3.54E-05	-0.007947
-9.78E-05	-0.000341	-1.54E-06	
98	-0.000454	-3.62E-05	-0.006138
-9.76E-05	-0.000447	-1.84E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000454	-3.42E-05	-0.003864
-8.03E-05	-0.000490	-2.15E-06	
100	-0.000453	-2.94E-05	-0.001505
-3.92E-05	-0.000461	-2.08E-06	
101	-0.000453	-2.87E-05	-4.66E-07
-2.48E-05	-0.000403	-2.07E-06	
102	-0.000453	-3.25E-05	-0.001687
-5.48E-05	-0.000332	-2.45E-06	
103	-0.000452	-3.87E-05	-0.004

138	-0.000517	-5.72E-05	-0.006911
-0.000183	-0.000160	-1.90E-06	
139	-0.000518	-5.68E-05	-0.009007
-0.000204	-0.000146	-1.96E-06	
140	-0.000519	-5.21E-05	-0.010156
-0.000208	-0.000111	-1.93E-06	
141	-0.000519	-4.95E-05	-0.010155
-0.000207	-0.000220	-3.30E-06	
142	-0.000520	-5.47E-05	-0.009003
-0.000203	-0.000386	-4.75E-06	
143	-0.000520	-5.58E-05	-0.006906
-0.000182	-0.000507	-5.73E-06	
144	-0.000521	-5.12E-05	-0.004300
-0.000138	-0.000553	-6.34E-06	
145	-0.000522	-3.98E-05	-0.001645
-7.37E-05	-0.000513	-5.93E-06	
146	-0.000523	-2.81E-05	-4.12E-07
-4.72E-05	-0.000436	-5.12E-06	
147	-0.000523	-2.73E-05	-0.001660
-6.97E-05	-0.000345	-4.04E-06	
148	-0.000523	-3.94E-05	-0.004343
-0.000133	-0.000219	-2.53E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000523	-4.45E-05	-0.006986
-0.000175	-0.000186	-2.10E-06	
150	-0.000523	-4.32E-05	-0.009127
-0.000196	-0.000169	-2.09E-06	
151	-0.000522	-4.57E-05	-0.010322
-0.000203	-0.000128	-1.93E-06	
152	-0.000521	-4.98E-05	-0.010356
-0.000213	-0.000224	-3.33E-06	
153	-0.000520	-5.38E-05	-0.009221
-0.000211	-0.000392	-4.85E-06	
154	-0.000519	-5.40E-05	-0.007111
-0.000191	-0.000518	-5.99E-06	
155	-0.000519	-4.79E-05	-0.004459
-0.000145	-0.000568	-6.50E-06	
156	-0.000518	-3.41E-05	-0.001724
-8.04E-05	-0.000533	-6.06E-06	
157	-0.000517	-3.42E-05	-4.26E-07
-5.46E-05	-0.000461	-5.30E-06	
158	-0.000517	-4.20E-05	-0.001922
-6.82E-05	-0.000372	-4.42E-06	
159	-0.000516	-5.42E-05	-0.005055
-0.000130	-0.000249	-3.01E-06	
160	-0.000515	-6.33E-05	-0.008220
-0.000171	-0.000141	-1.69E-06	
161	-0.000515	-6.78E-05	-0.010919
-0.000195	-4.79E-05	-8.48E-07	
162	-0.000514	-6.92E-05	-0.012674
-0.000207	-4.75E-05	-8.69E-07	
163	-0.000514	-6.80E-05	-0.013177
-0.000214	-0.000192	-2.27E-06	
164	-0.000514	-6.52E-05	-0.012293
-0.000217	-0.000399	-4.13E-06	
165	-0.000514	-6.15E-05	-0.010077
-0.000212	-0.000608	-6.01E-06	
166	-0.000513	-6.08E-05	-0.006731
-0.000190	-0.000792	-7.94E-06	
167	-0.000513	-6.31E-05	-0.002524
-0.000147	-0.000910	-9.13E-06	
168	-0.000514	-6.47E-05	-3.35E-07
-0.000125	-0.000928	-9.31E-06	
169	-0.000418	-2.49E-05	-7.51E-05
-0.000177	-0.000214	-2.90E-05	
170	-0.000418	-3.47E-05	-0.001945
-5.03E-05	-0.000215	-2.90E-05	
171	-0.000418	-5.23E-05	-0.005102
-3.18E-05	-0.000204	-2.72E-05	
172	-0.000418	-6.56E-05	-0.007650
-3.35E-05	-0.000179	-2.60E-05	
173	-0.000418	-7.38E-05	-0.009368
-4.26E-05	-0.000142	-2.47E-05	
174	-0.000418	-7.75E-05	-0.010077
-5.58E-05	-9.76E-05	-2.51E-05	
175	-0.000418	-7.75E-05	-0.009735
-6.84E-05	-0.000189	-3.09E-05	
176	-0.000418	-7.23E-05	-0.008424
-8.06E-05	-0.000341	-4.01E-05	
177	-0.000418	-6.35E-05	-0.006389
-9.61E-05	-0.000451	-4.72E-05	
178	-0.000418	-5.97E-05	-0.003980
-0.000108	-0.000495	-5.03E-05	
179	-0.000417	-5.81E-05	-0.001552
-9.74E-05	-0.000472	-4.53E-05	
180	-0.000417	-5.78E-05	-3.09E-05
-5.80E-05	-0.000415	-3.82E-05	
181	-0.000417	-5.64E-05	-0.001378
-6.15E-05	-0.000347	-3.81E-05	
182	-0.000417	-5.43E-05	-0.003450
-8.49E-05	-0.000246	-3.61E-05	
183	-0.000417	-6.59E-05	-0.005420
-8.28E-05	-0.000154	-3.48E-05	
184	-0.000417	-7.43E-05	-0.006973
-7.56E-05	-0.000138	-3.41E-05	
185	-0.000417	-7.75E-05	-0.007806
-6.64E-05	-0.000104	-3.24E-05	
186	-0.000416	-7.65E-05	-0.007775
-6.15E-05	-0.000147	-3.12E-05	
187	-0.000416	-6.96E-05	-0.006886
-7.36E-05	-0.000277	-3.59E-05	
188	-0.000416	-5.72E-05	-0.005304
-8.73E-05	-0.000376	-3.96E-05	
189	-0.000416	-4.52E-05	-0.003340
-9.68E-05	-0.000418	-4.28E-05	
190	-0.000416	-3.34E-05	-0.001315
-8.24E-05	-0.000400	-3.74E-05	
191	-0.000416	-3.20E-05	-2.67E-05
-3.94E-05	-0.000352	-3.01E-05	
192	-0.000415	-3.33E-05	-0.001298
-7.09E-05	-0.000293	-2.68E-05	
193	-0.000415	-4.76E-05	-0.003294
-8.91E-05	-0.000208	-2.01E-05	
194	-0.000415	-5.98E-05	-0.005221
-8.31E-05	-0.000153	-1.54E-05	
195	-0.000415	-6.78E-05	-0.006758
-7.22E-05	-0.000138	-1.61E-05	
196	-0.000414	-7.10E-05	-0.007606
-6.17E-05	-0.000105	-2.02E-05	
197	-0.000415	-6.94E-05	-0.007606
-6.06E-05	-0.000156	-3.39E-05	
198	-0.000415	-6.61E-05	-0.006760
-7.10E-05	-0.000285	-5.08E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000415	-5.82E-05	-0.005223
-8.15E-05	-0.000380	-6.34E-05	
200	-0.000415	-4.63E-05	-0.003297
-8.74E-05	-0.000418	-7.02E-05	
201	-0.000414	-3.26E-05	-0.001301
-6.95E-05	-0.000397	-6.50E-05	
202	-0.000414	-3.21E-05	-2.57E-05
-3.95E-05	-0.000347	-5.64E-05	
203	-0.000414	-3.45E-05	-0.001316
-8.13E-05	-0.000288	-5.55E-05	
204	-0.000413	-4.50E-05	-0.003342
-9.52E-05	-0.000204	-5.09E-05	
205	-0.000414	-5.71E-05	-0.005307
-8.57E-05	-0.000177	-4.24E-05	
206	-0.000414	-6.89E-05	-0.006888
-7.22E-05	-0.000159	-3.52E-05	
207	-0.000414	-7.67E-05	-0.007776
-6.02E-05	-0.000119	-2.92E-05	
208	-0.000414	-7.83E-05	-0.007806
-6.60E-05	-0.000170	-2.53E-05	
209	-0.000414	-7.39E-05	-0.006972
-7.53E-05	-0.000301	-3.15E-05	
210	-0.000414	-6.44E-05	-0.005418
-8.26E-05	-0.000398	-3.62E-05	
211	-0.000413	-5.16E-05	-0.003447
-8.48E-05	-0.000437	-3.91E-05	
212	-0.000413	-3.74E-05	-0.001372
-6.14E-05	-0.000417	-3.58E-05	
213	-0.000413	-2.89E-05	-2.98E-05
-5.72E-05	-0.000368	-3.08E-05	
214	-0.000413	-3.64E-05	-0.001559
-9.69E-05	-0.000311	-3.08E-05	
215	-0.000413	-5.29E-05	-0.003985
-0.000108	-0.000230	-2.98E-05	
216	-0.000413	-6.63E-05	-0.006393
-9.61E-05	-0.000145	-2.69E-05	
217	-0.000412	-7.70E-05	-0.008428
-8.06E-05	-6.44E-05	-2.88E-05	
218	-0.000412	-8.35E-05	-0.009737
-6.88E-05	-0.000125	-3.39E-05	
219	-0.000412	-8.58E-05	-0.010079
-5.62E-05	-0.000162	-3.21E-05	
220	-0.000413	-8.45E-05	-0.009369
-4.30E-05	-0.000333	-4.10E-05	
221	-0.000413	-7.75E-05	-0.007652
-3.33E-05	-0.000493	-5.33E-05	
222	-0.000412	-6.48E-05	-0.005104
-3.18E-05	-0.000620	-6.92E-05	
223	-0.000414	-4.66E-05	-0.001948
-5.03E-05	-0.000682	-6.61E-05	
224	-0.000414	-4.10E-05	-7.83E-05
-0.000177	-0.000675	-8.28E-05	
225	-0.000480	-3.55E-05	-0.000131
-0.000168	-0.000227	-3.39E-05	
226	-0.000480	-3.16E-05	-0.002359
-0.000105	-0.000259	-2.79E-05	
227	-0.000480	-2.59E-05	-0.006333
-0.000181	-0.000296	-3.38E-05	
228	-0.000480	-2.26E-05	-0.009527
-0.000202	-0.000281	-2.30E-05	
229	-0.000481	-2.21E-05	-0.011674
-0.000210	-0.000260	-3.26E-05	
230	-0.000481	-2.30E-05	-0.012539
-0.000215	-0.000253	-3.41E-05	
231	-0.000481	-2.29E-05	-0.012069
-0.000217	-0.000409	-4.30E-05	
232	-0.000481	-2.20E-05	-0.010381
-0.000214	-0.000581	-5.44E-05	
233	-0.000481	-2.29E-05	-0.007803
-0.000201	-0.000700	-6.58E-05	
234	-0.000481	-2.80E-05	-0.004800
-0.000171	-0.000736	-6.93E-05	
235	-0.000481	-3.62E-05	-0.001829
-0.000101	-0.000662	-6.24E-05	
236	-0.000481	-4.55E-05	-7.23E-05
-4.80E-05	-0.000534	-4.48E-05	
237	-0.000481	-5.66E-05	-0.001640
-0.000100	-0.000438	-4.35E-05	
238	-0.000481	-6.71E-05	-0.004238
-0.000180	-0.000348	-4.21E-05	
239	-0.000481	-7.65E-05	-0.006762
-0.000215	-0.000263	-3.68E-05	
240	-0.000481	-6.77E-05	-0.008784
-0.000226	-0.000258	-3.65E-05	
241	-0.000481	-6.01E-05	-0.009881
-0.000220	-0.000242	-3.74E-05	
242	-0.000482	-4.97E-05	-0.009847
-0.000210	-0.000346	-4.09E-05	
243	-0.000482	-4.05E-05	-0.008692
-0.000213	-0.000499	-4.78E-05	
244	-0.000482	-3.48E-05	-0.006640
-0.000203	-0.000613	-5.32E-05	
245	-0.000483	-2.78E-05	-0.004126
-0.000171	-0.000653	-5.75E-05	
246	-0.000483	-2.16E-05	-0.001580
-9.68E-05	-0.000591	-4.86E-05	
247	-0.000484	-2.64E-05	-6.97E-05
-3.20E-05	-0.000473	-3.68E-05	
248	-0.000484	-3.64E-05	-0.001568
-9.41E-05	-0.000388	-3.18E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000484	-4.55E-05	-0.004085
-0.000172	-0.000314	-3.26E-05	
250	-0.000485	-4.92E-05	-0.006561
-0.000207	-0.000264	-3.28E-05	
251	-0.000485	-4.83E-05	-0.008567
-0.000218	-0.000260	-3.44E-05	
252	-0.000486	-4.42E-05	-0.009677
-0.000214	-0.000244	-3.76E-05	
253	-0.000486	-4.16E-05	-0.009677
-0.000213	-0.000350	-4.49E-05	
254	-0.000486	-4.60E-05	-0.008565
-0.000216	-0.000502	-6.04E-05	
255	-0.000487	-4.74E-05	-0.006558
-0.000206	-0.000614	-7.26E-05	
256	-0.000487	-4.46E-05	-0.004081
-0.000171	-0.000652	-7.94E-05	
257	-0.000488	-3.66E-05	-0.001566
-9.27E-05	-0.000588	-6.97E-05	
258	-0.000488	-2.78E-05	-6.96E-05
-3.17E-05	-0.000469	-5.63E-05	
259	-0.000488	-1.96E-05	-0.001579
-9.54E-05	-0.000384	-5.19E-05	
260	-0.000488	-2.25E-05	-0.004122
-0.000169	-0.000311	-4.75E-05	
261	-0.000488	-2.51E-05	-0.006636
-0.000201	-0.000286	-4.20E-05	
262	-0.000488	-2.83E-05	-0.008688
-0.000212	-0.000280	-3.91E-05	
263	-0.000488	-3.44E-05	-0.009844
-0.000209	-0.000258	-3.99E-05	
264	-0.000488	-4.09E-05	-0.009879
-0.000220	-0.000358	-4.28E-05	
265	-0.000487	-4.52E-05	-0.008783
-0.000226	-0.000513	-4.74E-05	
266	-0.000486	-4.60E-05	-0.006762
-0.000215	-0.000628	-5.22E-05	
267	-0.000486	-4.18E-05	-0.004239
-0.000180	-0.000668	-5.46E-05	
268	-0.000485	-3.17E-05	-0.001644
-0.000100	-0.000608	-4.87E-05	
269	-0.000485	-2.92E-05	-6.90E-05
-4.89E-05	-0.000491	-4.05E-05	
270	-0.000484	-3.63E-05	-0.001824
-0.000101	-0.000407	-4.02E-05	
271	-0.000484	-4.65E-05	-0.004798
-0.000171	-0.000335	-4.02E-05	
272	-0.000483	-5.39E-05	-0.007802
-0.000201	-0.000242	-3.82E-05	
273	-0.000483	-5.78E-05	-0.010381
-0.000214	-0.000170	-3.79E-05	
274	-0.000482	-5.95E-05	-0.012070
-0.000217	-0.000180	-3.85E-05	
275	-0.000482	-5.94E-05	-0.012541
-0.000215	-0.000334	-4.01E-05	
276	-0.000482	-5.79E-05	-0.011676
-0.000210	-0.000528	-5.11E-05	
277	-0.000482	-5.55E-05	-0.009528
-0.000202	-0.000721	-6.36E-05	
278	-0.000482	-5.32E-05	-0.006334
-0.000181	-0.000883	-8.14E-05	
279	-0.000482	-5.61E-05	-0.002357
-0.000105	-0.000942	-7.80E-05	
280	-0.000482	-5.89E-05	-0.000129
-0.000168	-0.000914	-9.28E-05	
281	-0.000718	-5.39E-06	.000000
-3.13E-05	-0.000210	-7.31E-06	
282	-0.000300	-9.41E-06	.000000
-4.42E-06	-0.000473	-4.45E-06	
283	-0.000718	.000000	.000000
-7.19E-06	-0.000311	-4.19E-06	
284	.000000	.000000	.000000
-6.04E-23	-0.000309	-3.99E-06	
285	-0.000596	-3.10E-05	.000000
1.92E-22	-0.000331	-4.23E-06	
286	-0.000305	-6.06E-06	.000000
-1.50E-05	-0.000600	-3.00E-06	
287	-0.000899	-2.46E-05	.000000
-5.56E-05	-0.000219	-2.39E-06	
288	-0.000385	-1.29E-05	.000000
-2.94E-05	-0.000446	-2.15E-06	
289	-0.000850	.000000	.000000
-5.47E-06	-0.000383	-2.06E-06	
290	-0.000000	.000000	.000000
4.84E-22	-0.000380	-1.71E-06	
291	-0.000693	-3.61E-05	.000000
3.77E-22	-0.000403	-2.07E-06	
292	-0.000379	-2.94E-05	.000000
-1.79E-22	-0.000785	-3.46E-06	
293	-0.001068	-2.25E-05	.000000
-0.000118	-0.000724	-2.60E-06	
294	-0.000457	-5.74E-05	.000000
-8.60E-05	-0.000502	-5.74E-06	
295	-0.000955	-2.30E-05	.000000
-0.000109	-0.000427	-5.35E-06	
296	-1.02E-06	-7.09E-05	.000000
-3.05E-05	-0.000437	-5.12E-06	
297	-0.000723	-0.000260	.000000
-3.03E-05	-0.000457	-5.30E-06	
298	-0.000419	-0.000173	.000000
5.94E-21	-0.000925	-9.31E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000476	8.13E-05	3.87E-08
6.10E-05	0.000793	9.22E-06	
2	0.000476	8.22E-05	0.000682
0.000102	0.000781	8.13E-06	
3	0.000476	9.30E-05	0.001862
0.000204	0.000686	4.44E-06	
4	0.000476	0.000103	0.002912
0.000280	0.000526	2.83E-06	
5	0.000476	0.000106	0.003774
0.000332	0.000338	2.30E-06	
6	0.000476	0.000104	0.004381
0.000360	0.000145	2.07E-06	
7	0.000476	9.60E-05	0.004662
0.000361	1.27E-05	2.93E-06	
8	0.000476	8.10E-05	0.004548
0.000337	6.67E-05	4.08E-06	
9	0.000477	6.39E-05	0.003978
0.000287	0.000161	4.92E-06	
10	0.000477	4.24E-05	0.002925
0.000210	0.000261	5.65E-06	
11	0.000477	3.01E-05	0.001367
0.000125	0.000330	6.01E-06	
12	0.000477	3.29E-05	5.32E-08
7.13E-05	0.000421	5.76E-06	
13	0.000477	3.71E-05	0.001508
7.64E-05	0.000467	5.97E-06	
14	0.000477	5.27E-05	0.003154
0.000158	0.000484	5.99E-06	
15	0.000477	6.77E-05	0.004182
0.000229	0.000433	3.41E-06	
16	0.000477	7.60E-05	0.004641
0.000279	0.000320	2.87E-06	
17	0.000477	7.96E-05	0.004582
0.000305	0.000168	2.49E-06	
18	0.000477	7.98E-05	0.004110
0.000312	0.000128	3.23E-06	
19	0.000477	7.30E-05	0.003938
0.000296	0.000174	4.43E-06	
20	0.000477	5.94E-05	0.003535
0.000252	0.000194	5.17E-06	
21	0.000477	3.93E-05	0.002657
0.000182	0.000227	5.75E-06	
22	0.000477	1.63E-05	0.001266
0.000104	0.000330	6.13E-06	
23	0.000477	1.57E-05	5.74E-08
5.53E-05	0.000394	5.86E-06	
24	0.000477	2.60E-05	0.001277
8.88E-05	0.000444	6.06E-06	
25	0.000477	4.57E-05	0.002675
0.000169	0.000467	4.92E-06	
26	0.000477	6.42E-05	0.003550
0.000240	0.000421	3.56E-06	
27	0.000478	7.59E-05	0.003943
0.000287	0.000312	3.04E-06	
28	0.000478	8.02E-05	0.003895
0.000308	0.000174	2.61E-06	
29	0.000478	7.93E-05	0.003897
0.000307	0.000108	2.95E-06	
30	0.000478	7.41E-05	0.003945
0.000286	0.000148	4.04E-06	
31	0.000478	6.24E-05	0.003551
0.000239	0.000165	4.72E-06	
32	0.000478	4.43E-05	0.002676
0.000169	0.000227	5.25E-06	
33	0.000478	2.49E-05	0.001278
8.90E-05	0.000332	5.64E-06	
34	0.000477	1.61E-05	5.76E-08
5.49E-05	0.000398	5.50E-06	
35	0.000478	1.41E-05	0.001266
0.000103	0.000448	6.01E-06	
36	0.000478	3.57E-05	0.002657
0.000181	0.000470	4.91E-06	
37	0.000478	5.41E-05	0.003535
0.000251	0.000424	3.55E-06	
38	0.000478	6.59E-05	0.003938
0.000295	0.000314	3.11E-06	
39	0.000477	7.07E-05	0.004113
0.000311	0.000164	2.79E-06	
40	0.000477	6.88E-05	0.004585
0.000305	0.000106	2.96E-06	
41	0.000478	6.38E-05	0.004644
0.000278	0.000146	3.96E-06	
42	0.000478	5.22E-05	0.004185
0.000229	0.000166	4.65E-06	
43	0.000478	3.74E-05	0.003157
0.000157	0.000267	5.52E-06	
44	0.000478	2.40E-05	0.001510
7.40E-05	0.000390	6.16E-06	
45	0.000478	2.21E-05	5.21E-08
7.51E-05	0.000468	6.43E-06	
46	0.000478	3.18E-05	0.001367
0.000128	0.000530	6.98E-06	
47	0.000478	5.41E-05	0.002925
0.000211	0.000564	6.11E-06	
48	0.000478	7.76E-05	0.003978
0.000288	0.000520	4.98E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000477	9.59E-05	0.004548
0.000337	0.000402	4.61E-06	
50	0.000477	0.000108	0.004663
0.000362	0.000229	4.46E-06	
51	0.000477	0.000116	0.004382
0.000360	0.000119	4.41E-06	
52	0.000477	0.000119	0.003776
0.000333	0.000149	4.27E-06	
53	0.000477	0.000115	0.002914
0.000281	0.000192	4.52E-06	
54	0.000477	0.000103	0.001863
0.000205	0.000224	5.27E-06	
55	0.000478	8.82E-05	0.000682
0.000103	0.000243	6.41E-06	
56	0.000478	8.33E-05	3.91E-08
6.34E-05	0.000245	6.67E-06	
57	0.000509	8.22E-05	2.40E-08
4.45E-05	0.000870	3.14E-06	
58	0.000509	7.57E-05	0.000683
7.29E-05	0.000853	2.74E-06	
59	0.000509	7.43E-05	0.001864
0.000197	0.000745	1.64E-06	
60	0.000509	7.37E-05	0.002917
0.000300	0.000572	1.04E-06	
61	0.000510	6.89E-05	0.003785
0.000367	0.000372	9.47E-07	
62	0.000510	5.93E-05	0.004402
0.000397	0.000171	1.08E-06	
63	0.000510	4.55E-05	0.004697
0.000390	2.87E-05	1.26E-06	
64	0.000510	2.92E-05	0.004600
0.000351	6.21E-05	1.41E-06	
65	0.000510	1.72E-05	0.004050
0.000286	0.000157	1.62E-06	
66	0.000510	2.34E-05	0.003009
0.000196	0.000261	2.43E-06	
67	0.000510	3.37E-05	0.001429
9.30E-05	0.000372	3.01E-06	
68	0.000510	4.03E-05	3.86E-08
5.09E-05	0.000448	1.93E-06	
69	0.000510	4.28E-05	0.001571
8.09E-05	0.000510	2.11E-06	
70	0.000510	4.67E-05	0.003240
0.000168	0.000536	1.91E-06	
71	0.000510	5.14E-05	0.004257
0.000248	0.000484	1.36E-06	
72	0.000510	5.27E-05	0.004697
0.000306	0.000363	1.09E-06	
73	0.000510	5.09E-05	0.004620
0.000337	0.000202	1.62E-06	
74	0.000510	4.47E-05	0.004134
0.000339	0.000131	2.07E-06	
75	0.000510	3.48E-05	0.003997
0.000312	0.000176	2.34E-06	
76	0.000510	2.24E-05	0.003612
0.000251	0.000196	2.46E-06	
77	0.000510	1.19E-05	0.002744
0.000168	0.000228	2.88E-06	
78	0.000510	1.44E-05	0.001329
7.40E-05	0.000342	3.31E-06	
79	0.000510	2.09E-05	5.25E-08
2.15E-05	0.000423	2.23E-06	
80	0.000510	2.31E-05	0.001340
7.17E-05	0.000489	2.47E-06	
81	0.000511	2.80E-05	0.002762
0.000165	0.000521	2.36E-06	
82	0.000511	3.60E-05	0.003627
0.000247	0.000475	1.98E-06	
83	0.000511	4.31E-05	0.004002
0.000307	0.000359	1.61E-06	
84	0.000511	4.63E-05	0.003938
0.000335	0.000201	1.20E-06	
85	0.000511	4.53E-05	0.003937
0.000335	0.000112	1.07E-06	
86	0.000511	4.09E-05	0.004002
0.000306	0.000150	1.25E-06	
87	0.000511	3.35E-05	0.003626
0.000245	0.000167	1.51E-06	
88	0.000512	2.56E-05	0.002761
0.000163	0.000229	2.23E-06	
89	0.000512	2.26E-05	0.001340
7.07E-05	0.000345	2.98E-06	
90	0.000512	2.12E-05	5.26E-08
2.18E-05	0.000427	1.83E-06	
91	0.000512	1.54E-05	0.001329
7.38E-05	0.000493	2.22E-06	
92	0.000512	1.11E-05	0.002743
0.000167	0.000527	2.28E-06	
93	0.000513	1.42E-05	0.003612
0.000250	0.000481	2.02E-06	
94	0.000512	2.15E-05	0.003997
0.000311	0.000364	1.77E-06	
95	0.000512	2.65E-05	0.004134
0.000338	0.000204	1.31E-06	
96	0.000512	2.77E-05	0.004620
0.000336	0.000109	1.02E-06	
97	0.000512	2.52E-05	0.004697
0.000306	0.000149	1.11E-06	
98	0.000511	2.16E-05	0.004256
0.000247	0.000167	1.45E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000511	1.92E-05	0.003240
0.000167	0.000269	2.39E-06	
100	0.000510	1.67E-05	0.001571
7.85E-05	0.000404	3.40E-06	
101	0.000510	3.13E-05	4.05E-08
4.61E-05	0.000498	2.70E-06	
102	0.000509	3.18E-05	0.001429
9.21E-05	0.000576	3.20E-06	
103	0.000508	3.47E-05	0.003009
0.000196	0.000623	3.51E-06	
104	0.000508	4.38E-05	0.004051
0.000286	0.000582	3.55E-06	
105	0.000507	5.87E-05	0.004601
0.000350	0.000461	3.47E-06	
106	0.000507	7.16E-05	0.004697
0.000391	0.000267	3.04E-06	
107	0.000507	8.12E-05	0.004402
0.000397

139	0.000529	0.000102	0.004073
0.000256	0.000369	4.44E-06	
140	0.000529	0.000111	0.003992
0.000277	0.000204	3.28E-06	
141	0.000112	0.000529	0.003989
0.000277	0.000115	2.62E-06	
142	0.000529	0.000103	0.004070
0.000255	0.000154	3.27E-06	
143	0.000529	8.62E-05	0.003705
0.000209	0.000170	3.76E-06	
144	0.000529	6.30E-05	0.002833
0.000143	0.000534	4.40E-06	
145	0.000530	3.69E-05	0.001378
6.55E-05	0.000357	5.44E-06	
146	0.000530	2.13E-05	6.11E-08
3.59E-05	0.000442	5.89E-06	
147	0.000530	2.48E-05	0.001368
7.51E-05	0.000511	6.01E-06	
148	0.000530	4.93E-05	0.002816
0.000153	0.000546	5.65E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000531	7.30E-05	0.003690
0.000219	0.000499	5.05E-06	
150	0.000531	9.07E-05	0.004065
0.000263	0.000378	4.29E-06	
151	0.000531	9.92E-05	0.004162
0.000280	0.000211	3.26E-06	
152	0.000531	9.73E-05	0.004664
0.000276	0.000113	2.74E-06	
153	0.000531	8.74E-05	0.004758
0.000250	0.000152	3.37E-06	
154	0.000530	7.20E-05	0.004330
0.000203	0.000193	3.82E-06	
155	0.000530	5.12E-05	0.003310
0.000136	0.000273	4.63E-06	
156	0.000529	3.11E-05	0.001610
6.15E-05	0.000416	5.88E-06	
157	0.000529	3.08E-05	5.33E-08
5.57E-05	0.000514	6.46E-06	
158	0.000528	4.11E-05	0.001468
9.69E-05	0.000596	6.74E-06	
159	0.000527	6.90E-05	0.003079
0.000179	0.000647	6.68E-06	
160	0.000527	9.73E-05	0.004126
0.000255	0.000607	6.20E-06	
161	0.000526	0.000121	0.004664
0.000308	0.000483	5.63E-06	
162	0.000525	0.000136	0.004743
0.000334	0.000298	5.00E-06	
163	0.000525	0.000141	0.004431
0.000331	0.000104	4.12E-06	
164	0.000525	0.000133	0.003802
0.000305	0.000247	3.80E-06	
165	0.000525	0.000115	0.002926
0.000252	0.000197	4.58E-06	
166	0.000524	9.28E-05	0.001868
0.000175	0.000228	5.29E-06	
167	0.000524	7.78E-05	0.000683
8.15E-05	0.000246	5.92E-06	
168	0.000524	7.53E-05	3.75E-08
4.21E-05	0.000249	6.01E-06	
169	0.000493	7.24E-05	3.76E-05
3.34E-05	0.000872	0.000100	
170	0.000493	7.86E-05	0.000686
5.58E-05	0.000892	8.20E-05	
171	0.000493	8.96E-05	0.001864
0.000252	0.000827	8.65E-05	
172	0.000493	9.69E-05	0.002914
0.000358	0.000667	6.77E-05	
173	0.000493	9.69E-05	0.003777
0.000424	0.000476	4.85E-05	
174	0.000493	9.18E-05	0.004386
0.000456	0.000280	3.94E-05	
175	0.000493	7.99E-05	0.004671
0.000455	0.000133	3.54E-05	
176	0.000493	6.23E-05	0.004563
0.000421	0.000163	3.52E-05	
177	0.000493	4.24E-05	0.004000
0.000349	0.000245	3.66E-05	
178	0.000493	2.92E-05	0.002949
0.000243	0.000340	4.11E-05	
179	0.000493	2.91E-05	0.001376
0.000106	0.000408	4.22E-05	
180	0.000493	3.21E-05	2.61E-05
3.23E-05	0.000480	4.47E-05	
181	0.000493	3.68E-05	0.001532
7.68E-05	0.000578	5.48E-05	
182	0.000493	5.10E-05	0.003188
0.000201	0.000623	6.17E-05	
183	0.000493	6.42E-05	0.004210
0.000298	0.000577	5.74E-05	
184	0.000493	7.30E-05	0.004661
0.000365	0.000462	4.87E-05	
185	0.000493	7.44E-05	0.004595
0.000397	0.000308	4.07E-05	
186	0.000493	7.08E-05	0.004118
0.000403	0.000241	3.72E-05	
187	0.000493	6.09E-05	0.003958
0.000380	0.000270	3.69E-05	
188	0.000493	4.54E-05	0.003562
0.000317	0.000282	3.73E-05	
189	0.000493	2.74E-05	0.002687
0.000218	0.000311	3.83E-05	
190	0.000493	1.08E-05	0.001282
8.70E-05	0.000381	3.97E-05	
191	0.000493	1.24E-05	1.67E-05
1.30E-05	0.000457	4.14E-05	
192	0.000493	2.25E-05	0.001293
8.05E-05	0.000559	5.07E-05	
193	0.000493	3.82E-05	0.002704
0.000208	0.000607	5.80E-05	
194	0.000493	5.48E-05	0.003577
0.000306	0.000566	5.57E-05	
195	0.000493	6.73E-05	0.003963
0.000371	0.000455	5.01E-05	
196	0.000494	7.33E-05	0.003910
0.000399	0.000305	4.20E-05	
197	0.000494	7.22E-05	0.003911
0.000398	0.000226	4.14E-05	
198	0.000494	6.49E-05	0.003964
0.000370	0.000249	4.29E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000494	5.21E-05	0.003577
0.000305	0.000257	4.60E-05	
200	0.000494	3.59E-05	0.002705
0.000207	0.000313	5.09E-05	
201	0.000494	2.10E-05	0.001293
7.89E-05	0.000385	5.18E-05	
202	0.000494	1.24E-05	1.64E-05
1.30E-05	0.000461	5.31E-05	
203	0.000494	1.00E-05	0.001282
8.56E-05	0.000563	6.41E-05	
204	0.000495	2.54E-05	0.002687
0.000216	0.000612	7.23E-05	
205	0.000495	3.85E-05	0.003562
0.000315	0.000570	6.83E-05	
206	0.000495	5.10E-05	0.003958
0.000378	0.000457	5.86E-05	
207	0.000495	5.78E-05	0.004119
0.000402	0.000306	4.47E-05	
208	0.000494	5.83E-05	0.004595
0.000397	0.000225	3.34E-05	
209	0.000494	5.28E-05	0.004660
0.000365	0.000248	2.94E-05	
210	0.000494	4.15E-05	0.004208
0.000298	0.000257	2.98E-05	
211	0.000494	2.97E-05	0.003183
0.000201	0.000351	3.49E-05	
212	0.000493	2.29E-05	0.001524
7.67E-05	0.000440	4.20E-05	
213	0.000493	2.18E-05	1.74E-05
3.15E-05	0.000529	4.40E-05	
214	0.000493	2.89E-05	0.001383
0.000105	0.000643	5.69E-05	
215	0.000493	4.52E-05	0.002953
0.000243	0.000704	6.72E-05	
216	0.000492	4.20E-05	0.004003
0.000349	0.000666	6.36E-05	
217	0.000492	8.42E-05	0.004565
0.000421	0.000547	5.51E-05	
218	0.000492	0.000102	0.004672
0.000455	0.000374	4.55E-05	
219	0.000491	0.000113	0.004386
0.000456	0.000244	4.20E-05	
220	0.000491	0.000116	0.003776
0.000424	0.000253	4.21E-05	
221	0.000492	0.000111	0.002912
0.000359	0.000278	4.27E-05	
222	0.000492	9.92E-05	0.001861
0.000253	0.000297	4.36E-05	
223	0.000492	8.38E-05	0.000680
5.58E-05	0.000271	3.64E-05	
224	0.000493	7.48E-05	3.73E-05
3.25E-05	0.000246	4.44E-05	
225	0.000515	7.63E-05	9.74E-05
5.13E-05	0.000937	9.72E-05	
226	0.000516	7.60E-05	0.000680
6.74E-05	0.000949	8.02E-05	
227	0.000516	7.84E-05	0.001865
0.000242	0.000868	8.39E-05	
228	0.000516	8.33E-05	0.002922
0.000357	0.000693	6.49E-05	
229	0.000517	8.84E-05	0.003796
0.000428	0.000488	4.94E-05	
230	0.000517	8.80E-05	0.004421
0.000456	0.000289	4.07E-05	
231	0.000517	7.91E-05	0.004726
0.000446	0.000151	3.83E-05	
232	0.000517	6.31E-05	0.004642
0.000404	0.000161	3.72E-05	
233	0.000517	4.68E-05	0.004101
0.000330	0.000244	3.69E-05	
234	0.000517	3.38E-05	0.003058
0.000231	0.000343	4.10E-05	
235	0.000517	3.32E-05	0.001458
0.000111	0.000423	4.16E-05	
236	0.000517	3.78E-05	4.76E-05
5.65E-05	0.000504	4.27E-05	
237	0.000517	4.35E-05	0.001590
0.000111	0.000608	5.36E-05	
238	0.000517	5.26E-05	0.003282
0.000210	0.000656	6.17E-05	
239	0.000517	6.44E-05	0.004302
0.000292	0.000607	5.66E-05	
240	0.000517	7.51E-05	0.004734
0.000355	0.000483	4.96E-05	
241	0.000517	7.93E-05	0.004647
0.000387	0.000321	4.30E-05	
242	0.000517	7.56E-05	0.004151
0.000389	0.000245	4.03E-05	
243	0.000518	6.48E-05	0.004040
0.000362	0.000274	4.09E-05	
244	0.000518	4.79E-05	0.003663
0.000300	0.000284	4.27E-05	
245	0.000518	3.01E-05	0.002791
0.000213	0.000314	4.60E-05	
246	0.000518	1.76E-05	0.001353
0.000103	0.000396	4.71E-05	
247	0.000518	1.77E-05	4.31E-05
3.58E-05	0.000480	4.76E-05	
248	0.000518	2.32E-05	0.001365
0.000102	0.000587	5.68E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000519	3.75E-05	0.002809
0.000205	0.000642	6.43E-05	
250	0.000519	5.31E-05	0.003678
0.000289	0.000599	6.22E-05	
251	0.000519	6.70E-05	0.004046
0.000351	0.000480	5.66E-05	
252	0.000519	7.48E-05	0.003970
0.000380	0.000322	5.01E-05	
253	0.000519	7.44E-05	0.003969
0.000379	0.000227	4.46E-05	
254	0.000519	6.70E-05	0.004044
0.000350	0.000250	4.06E-05	
255	0.000519	5.45E-05	0.003676
0.000287	0.000258	3.97E-05	
256	0.000519	3.92E-05	0.002807
0.000203	0.000274	4.24E-05	
257	0.000520	2.49E-05	0.001364
0.000100	0.000398	4.65E-05	
258	0.000520	1.87E-05	4.25E-05
3.57E-05	0.000483	5.08E-05	
259	0.000520	1.51E-05	0.001353
0.000102	0.000591	6.36E-05	
260	0.000520	2.60E-05	0.002790
0.000210	0.000648	7.41E-05	
261	0.000521	3.88E-05	0.003661
0.000298	0.000606	7.16E-05	
262	0.000521	5.17E-05	0.004039
0.000360	0.000487	6.25E-05	
263	0.000521	5.92E-05	0.004151
0.000387	0.000327	5.11E-05	
264	0.000521	5.94E-05	0.004648
0.000386	0.000224	4.65E-05	
265	0.000521	5.21E-05	0.004736
0.000355	0.000247	4.48E-05	
266	0.000520	4.00E-05	0.004304
0.000292	0.000256	4.39E-05	
267	0.000519	2.78E-05	0.003286
0.000210	0.000350	4.38E-05	
268	0.000519	2.48E-05	0.001597
0.000111	0.000453	4.41E-05	
269	0.000518	3.00E-05	4.55E-05
5.80E-05	0.000551	4.79E-05	
270	0.000518	3.37E-05	0.001453
0.000111	0.000672	6.03E-05	
271	0.000517	4.21E-05	0.003054
0.000231	0.000744	7.06E-05	
272	0.000516	5.76E-05	0.004099
0.000330	0.000709	6.67E-05	
273	0.000516	7.60E-05	0.004640
0.000404	0.000515	5.71E-05	
274	0.000515	9.16E-05	0.004726
0.000446	0.000407	4.99E-05	
275	0.000515	0.000100	0.004420
0.000456	0.000235	4.42E-05	
276	0.000515	9.78E-05	0.003796
0.000428	0.000248	4.30E-05	
277	0.000515	8.86E-05	0.002923
0.000357	0.000277	4.25E-05	
278	0.000515	7.91E-05	0.001867
0.000242	0.000298	4.39E-05	
279	0.000515	7.17E-05	0.000684
6.76E-05	0.000273	3.77E-05	
280	0.000515	7.67E-05	9.82E-05
5.19E-05	0.000247	4.63E-05	
281	0.000500	1.24E-05	.000000
7.25E-05	0.000793	9.22E-06	
282	0.000504	1.58E-05	.000000
6.83E-05	0.000423	5.76E-06	
283	0.000631	.000000	.000000
5.53E-05	0.000394	5.86E-06	
284	.000000	.000000	.000000
3.78E-05	0.000399	5.50E-06	
285	0.000927	4.83E-05	.000000
3.41E-05	0.000472	6.43E-06	
286	0.000729	1.45E-05	.000000
6.07E-05	0.000247	6.67E-06	
287	0.000532	5.19E-05	.000000
7.92E-05	0.000870	3.14E-06	
288	0.000550	1.11E-05	.000000
5.07E-05	0.000448	1.93E-06	
289	0.000663	.000000	.000000
2.15E-05	0.000423	2.23E-06	
290	.000000	.000000	.000000
2.99E-06	0.000427	1.83E-06	
291	0.000859	5.11E-05	.000000
5.70E-06	0.000499	2.70E-06	
292	0.000818	6.36E-05	.000000
9.65E-06	0.000249	5.12E-06	
293	0.000554	7.18E-05	.000000
0.000146	0.000897	8.16E-06	
294	0.000567	2.55E-05	.000000
6.99E-05	0.000859	5.72E-06	
295	0.000689	4.57E-05	.000000
0.000103	0.000425	6.18E-06	
296	1.76E-06	4.82E-05	.000000
1.83E-05	0.000442	5.89E-06	
297	0.000958	0.000290	.000000
8.82E-06	0.000509	6.46E-06	
298	0.000827	0.000245	.000000
4.60E-05	0.000257	6.01E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB-G3-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000473	-6.84E-05	-1.59E-07
-8.30E-05	-0.000246	-6.43E-06	
2	-0.000488	-6.54E-05	-0.002183
-9.14E-05	-0.000243	-6.24E-06	
3	-0.000473	-7.61E-05	-0.005847
-0.000115	-0.000224	-5.37E-06	
4	-0.000473	-9.63E-05	-0.008791
-0.000141	-0.000192	-5.15E-06	
5	-0.000473	-0.000111	-0.010761
-0.000153	-0.000149	-5.14E-06	
6	-0.000473	-0.000117	-0.011572
-0.000152	-0.000119	-5.21E-06	
7	-0.000473	-0.000114	-0.011170
-0.000144	-0.000230	-5.13E-06	
8	-0.000473	-0.000110	-0.009663
-0.000136	-0.000402	-5.07E-06	
9	-0.000473	-0.000104	-0.007323
-0.000115	-0.000520	-5.52E-06	
10	-0.000473	-9.43E-05	-0.004551
-8.14E-05	-0.000564	-6.74E-06	
11	-0.000473	-9.59E-05	-0.001762
-3.64E-05	-0.000530	-7.44E-06	
12	-0.000473	-9.61E-05	-2.06E-07
-2.01E-05	-0.000469	-8.15E-06	
13	-0.000473	-8.50E-05	-0.001553
-3.88E-05	-0.000390	-5.90E-06	
14	-0.000473	-8.47E-05	-0.003932
-8.38E-05	-0.000267	-5.31E-06	
15	-0.000473	-0.000103	-0.006193
-0.000117	-0.000166	-5.08E-06	
16	-0.000473	-0.000117	-0.007975
-0.000132	-0.000146	-4.14E-06	
17	-0.000473	-0.000122	-0.008932
-0.000130	-0.000106	-3.82E-06	
18	-0.000473	-0.000118	-0.008897
-0.000120	-0.000164	-3.65E-06	
19	-0.000473	-0.000109	-0.007880
-0.000120	-0.000314	-3.62E-06	
20	-0.000473	-8.25E-05	-0.006065
-0.000106	-0.000424	-4.05E-06	
21	-0.000473	-7.26E-05	-0.003811
-7.67E-05	-0.000470	-5.47E-06	
22	-0.000473	-6.90E-05	-0.001486
-3.22E-05	-0.000448	-6.56E-06	
23	-0.000473	-6.63E-05	-1.95E-07
-1.31E-05	-0.000398	-5.93E-06	
24	-0.000473	-6.42E-05	-0.001469
-3.35E-05	-0.000332	-5.78E-06	
25	-0.000473	-7.29E-05	-0.003760
-7.93E-05	-0.000227	-5.27E-06	
26	-0.000473	-8.89E-05	-0.005970
-0.000110	-0.000165	-4.63E-06	
27	-0.000473	-0.000103	-0.007736
-0.000125	-0.000148	-3.97E-06	
28	-0.000473	-0.000109	-0.008707
-0.000124	-0.000108	-2.94E-06	
29	-0.000473	-0.000106	-0.008707
-0.000123	-0.000164	-2.61E-06	
30	-0.000474	-0.000100	-0.007736
-0.000124	-0.000312	-3.08E-06	
31	-0.000474	-8.68E-05	-0.005970
-0.000109	-0.000421	-3.56E-06	
32	-0.000474	-7.21E-05	-0.003760
-7.87E-05	-0.000466	-4.66E-06	
33	-0.000474	-6.43E-05	-0.001469
-3.36E-05	-0.000445	-5.98E-06	
34	-0.000474	-6.58E-05	-1.95E-07
-1.34E-05	-0.000395	-5.53E-06	
35	-0.000474	-6.89E-05	-0.001487
-3.11E-05	-0.000330	-5.68E-06	
36	-0.000473	-7.32E-05	-0.003813
-7.52E-05	-0.000227	-5.33E-06	
37	-0.000474	-8.35E-05	-0.006067
-0.000104	-0.000194	-4.87E-06	
38	-0.000474	-9.69E-05	-0.007882
-0.000119	-0.000174	-4.17E-06	
39	-0.000474	-0.000110	-0.008900
-0.000119	-0.000128	-2.60E-06	
40	-0.000474	-0.000114	-0.008935
-0.000129	-0.000168	-2.57E-06	
41	-0.000474	-0.000108	-0.007977
-0.000132	-0.000320	-3.05E-06	
42	-0.000473	-9.32E-05	-0.006195
-0.000117	-0.000433	-3.64E-06	
43	-0.000473	-7.61E-05	-0.003933
-8.38E-05	-0.000484	-5.13E-06	
44	-0.000473	-6.78E-05	-0.001553
-3.82E-05	-0.000467	-6.41E-06	
45	-0.000472	-6.41E-05	-2.05E-07
-2.34E-05	-0.000421	-5.98E-06	
46	-0.000473	-6.51E-05	-0.001763
-3.63E-05	-0.000360	-5.90E-06	
47	-0.000472	-7.91E-05	-0.004552
-8.11E-05	-0.000261	-5.49E-06	
48	-0.000471	-0.000100	-0.007324
-0.000114	-0.000161	-4.86E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000471	-0.000120	-0.009664
-0.000136	-6.66E-05	-4.05E-06	
50	-0.000471	-0.000132	-0.011170
-0.000144	-1.27E-05	-2.93E-06	
51	-0.000471	-0.000136	-0.011572
-0.000152	-0.000145	-2.35E-06	
52	-0.000471	-0.000131	-0.010760
-0.000154	-0.000338	-2.63E-06	
53	-0.000471	-0.000116	-0.008791
-0.000142	-0.000526	-3.13E-06	
54	-0.000471	-9.43E-05	-0.005846
-0.000116	-0.000686	-4.38E-06	
55	-0.000472	-7.25E-05	-0.002182
-9.17E-05	-0.000781	-8.27E-06	
56	-0.000473	-7.47E-05	-1.59E-07
-8.33E-05	-0.000793	-9.42E-06	
57	-0.000504	-3.41E-05	-3.75E-07
-0.000117	-0.000247	-5.60E-06	
58	-0.000505	-3.01E-05	-0.002395
-0.000126	-0.000244	-4.81E-06	
59	-0.000505	-2.46E-05	-0.006400
-0.000195	-0.000226	-2.37E-06	
60	-0.000505	-2.06E-05	-0.009617
-0.000251	-0.000194	-1.69E-06	
61	-0.000505	-1.80E-05	-0.011777
-0.000283	-0.000152	-2.37E-06	
62	-0.000505	-1.69E-05	-0.012658
-0.000291	-0.000130	-3.18E-06	
63	-0.000505	-1.70E-05	-0.012204
-0.000277	-0.000282	-3.84E-06	
64	-0.000505	-2.03E-05	-0.010527
-0.000246	-0.000461	-4.12E-06	
65	-0.000505	-2.26E-05	-0.007942
-0.000200	-0.000582	-3.90E-06	
66	-0.000505	-2.81E-05	-0.004906
-0.000145	-0.000623	-3.35E-06	
67	-0.000505	-3.39E-05	-0.001880
-7.68E-05	-0.000575	-2.75E-06	
68	-0.000505	-4.80E-05	-4.75E-07
-4.14E-05	-0.000498	-2.62E-06	
69	-0.000505	-5.56E-05	-0.001676
-8.00E-05	-0.000404	-3.52E-06	
70	-0.000505	-6.33E-05	-0.004297
-0.000162	-0.000269	-2.39E-06	
71	-0.000505	-6.56E-05	-0.006819
-0.000221	-0.000167	-1.11E-06	
72	-0.000505	-6.31E-05	-0.008822
-0.000254	-0.000149	-1.15E-06	
73	-0.000505	-5.67E-05	-0.009900
-0.000262	-0.000109	-1.74E-06	
74	-0.000505	-4.75E-05	-0.009862
-0.000250	-0.000204	-2.37E-06	
75	-0.000505	-3.80E-05	-0.008721
-0.000233	-0.000364	-2.80E-06	
76	-0.000505	-2.81E-05	-0.006686
-0.000195	-0.000481	-2.96E-06	
77	-0.000505	-2.24E-05	-0.004173
-0.000139	-0.000527	-2.95E-06	
78	-0.000505	-2.01E-05	-0.001608
-6.72E-05	-0.000494	-2.71E-06	
79	-0.000505	-2.58E-05	-4.65E-07
-1.74E-05	-0.000427	-2.35E-06	
80	-0.000506	-3.13E-05	-0.001592
-6.88E-05	-0.000345	-3.19E-06	
81	-0.000506	-3.68E-05	-0.004125
-0.000147	-0.000229	-2.24E-06	
82	-0.000506	-3.94E-05	-0.006595
-0.000205	-0.000167	-1.43E-06	
83	-0.000506	-3.93E-05	-0.008581
-0.000241	-0.000150	-1.13E-06	
84	-0.000506	-3.65E-05	-0.009674
-0.000253	-0.000112	-1.03E-06	
85	-0.000506	-3.43E-05	-0.009674
-0.000252	-0.000201	-1.25E-06	
86	-0.000507	-3.60E-05	-0.008581
-0.000239	-0.000359	-1.71E-06	
87	-0.000507	-3.66E-05	-0.006594
-0.000203	-0.000475	-2.06E-06	
88	-0.000507	-3.43E-05	-0.004124
-0.000145	-0.000521	-2.27E-06	
89	-0.000507	-3.03E-05	-0.001591
-6.77E-05	-0.000489	-2.23E-06	
90	-0.000508	-2.62E-05	-4.65E-07
-1.77E-05	-0.000423	-1.86E-06	
91	-0.000508	-2.14E-05	-0.001607
-6.70E-05	-0.000342	-2.97E-06	
92	-0.000508	-2.12E-05	-0.004172
-0.000138	-0.000228	-2.32E-06	
93	-0.000508	-2.27E-05	-0.006685
-0.000193	-0.000196	-1.66E-06	
94	-0.000508	-2.52E-05	-0.008720
-0.000232	-0.000176	-1.44E-06	
95	-0.000507	-2.98E-05	-0.009861
-0.000249	-0.000131	-1.17E-06	
96	-0.000507	-3.41E-05	-0.009899
-0.000261	-0.000202	-1.17E-06	
97	-0.000507	-3.67E-05	-0.008821
-0.000254	-0.000363	-1.66E-06	
98	-0.000506	-3.66E-05	-0.006818
-0.000220	-0.000484	-1.99E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000506	-3.34E-05	-0.004296
-0.000161	-0.000536	-2.33E-06	
100	-0.000506	-2.71E-05	-0.001675
-7.83E-05	-0.000510	-2.31E-06	
101	-0.000505	-2.70E-05	-4.77E-07
-3.74E-05	-0.000449	-2.30E-06	
102	-0.000505	-3.12E-05	-0.001881
-7.61E-05	-0.000372	-3.49E-06	
103	-0.000504	-3.78E-05	-0.004907
-0.000145	-0.000261	-2.71E-06	
104	-0.000504	-4.33E-05	-0.007944
-0.000201	-0.000157	-1.58E-06	
105	-0.000504	-4.77E-05	-0.010529
-0.000246	-6.21E-05	-1.09E-06	
106	-0.000504	-5.07E-05	-0.012206
-0.000278	-2.86E-05	-7.80E-07	
107	-0.000504	-5.26E-05	-0.012660
-0.000291	-6.00E-06	-6.63E-07	
108	-0.000504	-5.31E-05	-0.011778
-0.000283	-0.000372	-9.76E-07	
109	-0.000504	-5.25E-05	-0.009618
-0.000251	-0.000572	-1.38E-06	
110	-0.000504	-5.35E-05	-0.006401
-0.000195	-0.

140	-0.000525	-8.07E-05	-0.009929
-0.000292	-0.000115	-2.73E-06	
141	-0.000525	-7.90E-05	-0.009928
-0.000291	-0.000204	-3.21E-06	
142	-0.000525	-7.89E-05	-0.008813
-0.000276	-0.000369	-4.25E-06	
143	-0.000525	-7.13E-05	-0.006778
-0.000236	-0.000490	-5.17E-06	
144	-0.000525	-5.63E-05	-0.004241
-0.000170	-0.000539	-5.68E-06	
145	-0.000525	-3.57E-05	-0.001636
-8.67E-05	-0.000506	-6.02E-06	
146	-0.000526	-2.54E-05	-3.47E-07
-4.87E-05	-0.000438	-5.91E-06	
147	-0.000526	-2.99E-05	-0.001653
-7.92E-05	-0.000354	-5.48E-06	
148	-0.000526	-5.08E-05	-0.004290
-0.000162	-0.000234	-4.46E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000526	-6.61E-05	-0.006869
-0.000227	-0.000198	-3.89E-06	
150	-0.000526	-7.34E-05	-0.008951
-0.000268	-0.000179	-3.39E-06	
151	-0.000526	-7.98E-05	-0.010114
-0.000288	-0.000135	-2.62E-06	
152	-0.000525	-8.26E-05	-0.010149
-0.000297	-0.000202	-3.25E-06	
153	-0.000525	-8.12E-05	-0.009049
-0.000286	-0.000370	-4.44E-06	
154	-0.000525	-7.21E-05	-0.006998
-0.000247	-0.000496	-5.32E-06	
155	-0.000524	-5.55E-05	-0.004411
-0.000181	-0.000552	-5.78E-06	
156	-0.000524	-3.34E-05	-0.001720
-9.67E-05	-0.000526	-6.05E-06	
157	-0.000523	-3.04E-05	-3.58E-07
-5.88E-05	-0.000463	-5.97E-06	
158	-0.000523	-4.17E-05	-0.001931
-7.61E-05	-0.000384	-5.68E-06	
159	-0.000522	-6.23E-05	-0.005042
-0.000161	-0.000267	-4.71E-06	
160	-0.000522	-8.01E-05	-0.008160
-0.000231	-0.000158	-3.38E-06	
161	-0.000522	-9.15E-05	-0.010806
-0.000281	-6.06E-05	-2.17E-06	
162	-0.000521	-9.59E-05	-0.012517
-0.000314	-4.21E-05	-1.54E-06	
163	-0.000521	-9.31E-05	-0.012993
-0.000331	-0.000167	-2.48E-06	
164	-0.000521	-8.37E-05	-0.012104
-0.000331	-0.000371	-4.03E-06	
165	-0.000521	-6.87E-05	-0.009908
-0.000311	-5.59E-05	-1.96E-06	
166	-0.000521	-5.58E-05	-0.006606
-0.000262	-0.000767	-7.14E-06	
167	-0.000521	-5.97E-05	-0.002472
-0.000186	-0.000885	-8.09E-06	
168	-0.000521	-6.23E-05	-2.81E-07
-0.000149	-0.000904	-8.23E-06	
169	-0.000489	-2.90E-05	-0.000136
-0.000176	-0.000245	-3.39E-05	
170	-0.000489	-3.65E-05	-0.002346
-0.000119	-0.000271	-2.75E-05	
171	-0.000489	-5.02E-05	-0.006195
-0.000184	-0.000297	-3.26E-05	
172	-0.000489	-6.05E-05	-0.009299
-0.000233	-0.000278	-3.22E-05	
173	-0.000489	-6.64E-05	-0.011395
-0.000263	-0.000253	-3.19E-05	
174	-0.000489	-6.94E-05	-0.012250
-0.000276	-0.000245	-3.37E-05	
175	-0.000489	-6.91E-05	-0.011817
-0.000269	-0.000374	-4.03E-05	
176	-0.000489	-6.48E-05	-0.010195
-0.000245	-0.000547	-5.30E-05	
177	-0.000489	-5.77E-05	-0.007701
-0.000212	-0.000666	-6.17E-05	
178	-0.000489	-5.49E-05	-0.004773
-0.000171	-0.000704	-6.45E-05	
179	-0.000489	-5.62E-05	-0.001843
-0.000112	-0.000643	-5.59E-05	
180	-0.000489	-6.00E-05	-7.14E-05
-6.67E-05	-0.000529	-4.48E-05	
181	-0.000489	-6.23E-05	-0.001654
-9.89E-05	-0.000439	-4.25E-05	
182	-0.000489	-6.52E-05	-0.004173
-0.000168	-0.000350	-4.00E-05	
183	-0.000488	-7.65E-05	-0.006589
-0.000211	-0.000258	-3.94E-05	
184	-0.000488	-8.30E-05	-0.008513
-0.000237	-0.000248	-3.94E-05	
185	-0.000488	-8.37E-05	-0.009548
-0.000244	-0.000225	-3.95E-05	
186	-0.000488	-7.99E-05	-0.009512
-0.000237	-0.000306	-4.03E-05	
187	-0.000488	-7.05E-05	-0.008412
-0.000225	-0.000457	-4.66E-05	
188	-0.000489	-5.63E-05	-0.006454
-0.000198	-0.000570	-5.30E-05	
189	-0.000489	-4.46E-05	-0.004045
-0.000160	-0.000612	-5.66E-05	
190	-0.000489	-3.42E-05	-0.001579
-0.000101	-0.000563	-4.87E-05	
191	-0.000489	-3.44E-05	-6.66E-05
-4.58E-05	-0.000461	-3.84E-05	
192	-0.000489	-3.71E-05	-0.001562
-9.64E-05	-0.000385	-3.59E-05	
193	-0.000489	-4.98E-05	-0.003996
-0.000159	-0.000313	-3.24E-05	
194	-0.000489	-6.15E-05	-0.006362
-0.000199	-0.000257	-2.83E-05	
195	-0.000489	-6.87E-05	-0.008270
-0.000225	-0.000249	-2.88E-05	
196	-0.000489	-7.08E-05	-0.009321
-0.000233	-0.000226	-3.26E-05	
197	-0.000489	-6.82E-05	-0.009321
-0.000232	-0.000305	-4.40E-05	
198	-0.000490	-6.57E-05	-0.008270
-0.000223	-0.000455	-5.78E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000490	-5.86E-05	-0.006362
-0.000197	-0.000566	-6.75E-05	
200	-0.000490	-4.82E-05	-0.003996
-0.000157	-0.000607	-7.16E-05	
201	-0.000490	-3.63E-05	-0.001563
-9.49E-05	-0.000559	-6.38E-05	
202	-0.000490	-3.45E-05	-6.55E-05
-4.59E-05	-0.000457	-5.29E-05	
203	-0.000490	-3.51E-05	-0.001579
-0.000100	-0.000381	-5.17E-05	
204	-0.000490	-4.37E-05	-0.004045
-0.000158	-0.000311	-5.11E-05	
205	-0.000490	-5.38E-05	-0.006455
-0.000197	-0.000282	-4.64E-05	
206	-0.000490	-6.55E-05	-0.008412
-0.000224	-0.000270	-4.35E-05	
207	-0.000490	-7.42E-05	-0.009512
-0.000235	-0.000241	-4.22E-05	
208	-0.000490	-7.73E-05	-0.009547
-0.000243	-0.000309	-4.26E-05	
209	-0.000489	-7.43E-05	-0.008511
-0.000237	-0.000462	-5.11E-05	
210	-0.000489	-6.55E-05	-0.006586
-0.000211	-0.000577	-5.72E-05	
211	-0.000489	-5.26E-05	-0.004168
-0.000168	-0.000623	-5.99E-05	
212	-0.000488	-3.97E-05	-0.001646
-9.85E-05	-0.000579	-5.29E-05	
213	-0.000488	-3.16E-05	-6.92E-05
-6.52E-05	-0.000480	-4.36E-05	
214	-0.000488	-3.86E-05	-0.001853
-0.000112	-0.000407	-4.23E-05	
215	-0.000488	-5.31E-05	-0.004781
-0.000171	-0.000339	-4.10E-05	
216	-0.000487	-6.78E-05	-0.007706
-0.000212	-0.000245	-3.68E-05	
217	-0.000487	-7.87E-05	-0.010199
-0.000245	-0.000163	-3.73E-05	
218	-0.000487	-8.49E-05	-0.011820
-0.000269	-0.000133	-3.86E-05	
219	-0.000487	-8.75E-05	-0.012253
-0.000276	-0.000281	-4.06E-05	
220	-0.000487	-8.63E-05	-0.011397
-0.000263	-0.000476	-4.99E-05	
221	-0.000487	-8.00E-05	-0.009301
-0.000233	-0.000668	-6.41E-05	
222	-0.000488	-6.86E-05	-0.006197
-0.000183	-0.000827	-8.27E-05	
223	-0.000488	-5.27E-05	-0.002350
-0.000119	-0.000992	-7.89E-05	
224	-0.000489	-4.76E-05	-0.000139
-0.000177	-0.000871	-9.61E-05	
225	-0.000512	-3.49E-05	-0.000126
-0.000142	-0.000248	-3.93E-05	
226	-0.000512	-3.08E-05	-0.002453
-0.000140	-0.000273	-3.23E-05	
227	-0.000512	-2.43E-05	-0.006555
-0.000283	-0.000298	-3.39E-05	
228	-0.000512	-2.11E-05	-0.009852
-0.000348	-0.000277	-3.81E-05	
229	-0.000513	-2.47E-05	-0.012066
-0.000378	-0.000248	-3.77E-05	
230	-0.000513	-3.36E-05	-0.012964
-0.000386	-0.000235	-4.01E-05	
231	-0.000513	-3.86E-05	-0.012493
-0.000372	-0.000407	-4.61E-05	
232	-0.000513	-3.96E-05	-0.010770
-0.000338	-0.000586	-5.60E-05	
233	-0.000513	-3.85E-05	-0.008120
-0.000284	-0.000709	-6.73E-05	
234	-0.000513	-3.82E-05	-0.005016
-0.000208	-0.000744	-7.14E-05	
235	-0.000512	-4.04E-05	-0.001927
-0.000100	-0.000671	-6.06E-05	
236	-0.000512	-4.66E-05	-7.14E-05
-4.14E-05	-0.000551	-4.71E-05	
237	-0.000512	-5.56E-05	-0.001711
-0.000112	-0.000454	-4.82E-05	
238	-0.000512	-6.48E-05	-0.004393
-0.000227	-0.000351	-4.43E-05	
239	-0.000512	-6.82E-05	-0.006980
-0.000301	-0.000256	-4.00E-05	
240	-0.000512	-6.70E-05	-0.009041
-0.000343	-0.000247	-3.99E-05	
241	-0.000513	-6.41E-05	-0.010154
-0.000354	-0.000224	-4.10E-05	
242	-0.000513	-5.67E-05	-0.010118
-0.000344	-0.000326	-4.45E-05	
243	-0.000513	-4.92E-05	-0.008943
-0.000326	-0.000487	-5.08E-05	
244	-0.000513	-4.17E-05	-0.006850
-0.000282	-0.000606	-5.64E-05	
245	-0.000513	-3.10E-05	-0.004273
-0.000209	-0.000648	-6.07E-05	
246	-0.000514	-2.09E-05	-0.001648
-0.000100	-0.000592	-5.31E-05	
247	-0.000514	-2.37E-05	-6.40E-05
-2.86E-05	-0.000483	-5.28E-05	
248	-0.000514	-3.23E-05	-0.001633
-0.000102	-0.000398	-4.02E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000514	-4.09E-05	-0.004225
-0.000216	-0.000314	-4.24E-05	
250	-0.000514	-4.26E-05	-0.006760
-0.000290	-0.000258	-4.26E-05	
251	-0.000514	-5.25E-05	-0.008803
-0.000333	-0.000250	-4.37E-05	
252	-0.000515	-5.17E-05	-0.009930
-0.000347	-0.000227	-4.55E-05	
253	-0.000515	-5.00E-05	-0.009930
-0.000346	-0.000322	-5.03E-05	
254	-0.000515	-5.16E-05	-0.008802
-0.000331	-0.000480	-6.16E-05	
255	-0.000515	-4.85E-05	-0.006758
-0.000288	-0.000599	-7.09E-05	
256	-0.000515	-4.06E-05	-0.004224
-0.000213	-0.000642	-7.35E-05	
257	-0.000515	-3.20E-05	-0.001632
-0.000101	-0.000587	-6.73E-05	
258	-0.000515	-2.43E-05	-6.38E-05
-2.84E-05	-0.000479	-5.06E-05	
259	-0.000516	-1.92E-05	-0.001647
-9.87E-05	-0.000396	-4.65E-05	
260	-0.000516	-2.73E-05	-0.004271
-0.000207	-0.000313	-4.35E-05	
261	-0.000515	-3.56E-05	-0.006848
-0.000280	-0.000284	-4.08E-05	
262	-0.000516	-4.24E-05	-0.008941
-0.000325	-0.000274	-4.11E-05	
263	-0.000516	-4.94E-05	-0.010116
-0.000342	-0.000245	-4.52E-05	
264	-0.000515	-5.41E-05	-0.010152
-0.000353	-0.000321	-5.46E-05	
265	-0.000515	-5.46E-05	-0.009041
-0.000343	-0.000483	-5.77E-05	
266	-0.000515	-5.00E-05	-0.006981
-0.000301	-0.000606	-6.36E-05	
267	-0.000514	-4.06E-05	-0.004395
-0.000227	-0.000655	-7.28E-05	
268	-0.000514	-2.87E-05	-0.001716
-0.000112	-0.000607	-5.91E-05	
269	-0.000513	-2.61E-05	-6.56E-05
-4.14E-05	-0.000504	-4.99E-05	
270	-0.000513	-3.22E-05	-0.001921
-9.94E-05	-0.000423	-4.98E-05	
271	-0.000513	-4.42E-05	-0.005013
-0.000208	-0.000343	-4.91E-05	
272	-0.000512	-5.48E-05	-0.008118
-0.000285	-0.000244	-4.55E-05	
273	-0.000512	-6.02E-05	-0.010769
-0.000339	-0.000162	-4.36E-05	
274	-0.000512	-6.12E-05	-0.012494
-0.000372	-0.000151	-4.28E-05	
275	-0.000512	-5.91E-05	-0.012965
-0.000386	-0.000289	-4.32E-05	
276	-0.000512	-5.44E-05	-0.012067
-0.000378	-0.000488	-5.15E-05	
277	-0.000512	-5.35E-05	-0.009853
-0.000348	-0.000693	-6.48E-05	
278	-0.000512	-5.29E-05	-0.006556
-0.000283	-0.000868	-8.38E-05	
279	-0.000512	-5.65E-05	-0.002452
-0.000140	-0.000949	-8.02E-05	
280	-0.000511	-5.95E-05	-0.000124
-0.000142	-0.000938	-9.67E-05	
281	-0.000933	-6.63E-06	.000000
-7.85E-05	-0.000245	-6.43E-06	.000000
282	-0.000396	-1.24E-05	.000000
-1.55E-05	-0.000467	-6.47E-06	
283	-0.000892	.000000	.000000
-1.31E-05	-0.000398	-5.93E-06	
284	.000000	.000000	.000000
2.10E-22	-0.000734	-5.63E-06	.000000
285	-0.000736	-3.83E-05	.000000
-1.42E-21	-0.000421	-5.98E-06	.000000
286	-0.000392	-7.79E-06	.000000
-5.60E-05	-0.000795	-9.42E-06	
287	-0.001004	-2.75E-05	.000000
-8.93E-05	-0.000244	-5.60E-06	
288	-0.000428	-1.43E-05	.000000
-4.39E-05	-0.000498	-2.62E-06	
289	-0.000948	.000000	.000000
-1.74E-05	-0.000427	-2.35E-06	
290	.000000	.000000	.000000
-9.36E-07	-0.000423	-1.86E-06	
291	-0.000772	-4.02E-05	.000000
-2.80E-06	-0.000449	-2.30E-06	
292	-0.000422	-3.28E-05	.000000
-3.00E-21	-0.000875	-4.09E-06	
293	-0.001053	-1.29E-05	.000000
-0.000136	-0.000238	-6.49E-06	
294	-0.000451	-6.46E-05	.000000
-9.00E-05	-0.000508	-6.47E-06	
295	-0.000974	-2.21E-05	.000000
-0.000113	-0.000427	-7.87E-06	
296	-1.25E-06	-6.76E-05	.000000
-3.09E-05	-0.000439	-5.91E-06	
297	-0.000743	-0.000269	.000000
-3.21E-05	-0.000462	-5.97E-06	
298	-0.000419	-0.000164	.000000
1.65E-20	-0.000908	-8.23E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-1 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000403	0.000200	2.05E-08
2.58E-05	0.000671	1.87E-06	
2	0.000403	0.000197	0.000422
3.19E-05	0.000642	1.94E-06	
3	0.000403	0.000206	0.001154
4.44E-05	0.000517	4.00E-06	
4	0.000403	0.000224	0.001810
5.58E-05	0.000355	4.40E-06	
5	0.000404	0.000237	0.002359
6.52E-05	0.000196	3.05E-06	
6	0.000405	0.000235	0.002766
7.24E-05	7.46E-05	1.38E-06	
7	0.000405	0.000216	0.002987
7.63E-05	7.46E-06	5.98E-07	
8	0.000406	0.000181	0.002978
7.52E-05	3.56E-05	1.35E-06	
9	0.000406	0.000134	0.002685
6.58E-05	9.60E-05	3.03E-06	
10	0.000406	9.50E-05	0.002058
4.33E-05	0.000168	5.47E-06	
11	0.000405	7.37E-05	0.001016
8.75E-06	0.000256	7.22E-06	
12	0.000404	7.73E-05	3.42E-08
1.37E-05	0.000324	6.21E-06	
13	0.000404	9.13E-05	0.001307
3.92E-05	0.000377	5.68E-06	
14	0.000402	0.000119	0.002742
8.23E-05	0.000388	6.15E-06	
15	0.000401	0.000148	0.003723
0.000104	0.000334	5.87E-06	
16	0.000400	0.000172	0.004313
0.000112	0.000303	4.65E-06	
17	0.000400	0.000183	0.004532
0.000112	0.000155	3.42E-06	
18	0.000401	0.000179	0.004412
0.000109	0.000108	2.38E-06	
19	0.000402	0.000159	0.004125
0.000101	0.000121	2.77E-06	
20	0.000403	0.000127	0.003510
8.60E-05	0.000174	3.97E-06	
21	0.000405	9.02E-05	0.002550
5.77E-05	0.000232	6.14E-06	
22	0.000406	7.12E-05	0.001202
1.00E-05	0.000313	7.92E-06	6.31E-08
23	0.000407	7.11E-05	
4.37E-06	0.000376	7.52E-06	
24	0.000408	7.91E-05	0.001116
2.17E-05	0.000423	7.07E-06	
25	0.000409	0.000108	0.002346
6.51E-05	0.000428	7.36E-06	
26	0.000410	0.000143	0.003197
8.88E-05	0.000368	6.90E-06	
27	0.000412	0.000172	0.003721
0.000100	0.000256	5.17E-06	
28	0.000413	0.000187	0.003932
0.000103	0.000166	3.57E-06	
29	0.000414	0.000187	0.003929
0.000102	0.000100	2.09E-06	
30	0.000415	0.000170	0.003715
9.92E-05	9.67E-05	1.51E-06	
31	0.000417	0.000141	0.003190
8.82E-05	0.000146	2.66E-06	
32	0.000418	0.000107	0.002339
6.47E-05	0.000205	4.79E-06	
33	0.000420	7.94E-05	0.001112
2.21E-05	0.000267	6.63E-06	
34	0.000421	7.20E-05	6.35E-08
5.08E-06	0.000351	6.53E-06	
35	0.000421	7.04E-05	0.001197
9.22E-06	0.000403	6.30E-06	
36	0.000421	8.33E-05	0.002541
5.60E-05	0.000416	6.85E-06	
37	0.000421	0.000114	0.003499
8.43E-05	0.000364	6.56E-06	
38	0.000421	0.000141	0.004114
0.000100	0.000260	4.98E-06	
39	0.000421	0.000157	0.004406
0.000107	0.000168	3.44E-06	
40	0.000420	0.000157	0.004527
0.000111	0.000105	2.00E-06	
41	0.000418	0.000142	0.004309
0.000112	9.84E-05	1.52E-06	
42	0.000415	0.000116	0.003720
0.000104	0.000157	3.09E-06	
43	0.000412	8.83E-05	0.002740
8.29E-05	0.000234	5.70E-06	
44	0.000409	7.10E-05	0.001307
4.05E-05	0.000335	8.14E-06	
45	0.000407	7.32E-05	3.22E-08
8.44E-06	0.000414	8.45E-06	
46	0.000405	8.76E-05	0.001017
4.39E-06	0.000479	8.57E-06	
47	0.000403	0.000125	0.002061
4.05E-05	0.000509	9.59E-06	
48	0.000401	0.000172	0.002690
6.50E-05	0.000466	9.67E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000400	0.000215	0.002983
7.56E-05	0.000365	8.22E-06	
50	0.000399	0.000248	0.002995
7.76E-05	0.000235	5.65E-06	
51	0.000399	0.000264	0.002774
7.43E-05	0.000144	3.20E-06	
52	0.000399	0.000261	0.002368
6.78E-05	9.91E-05	1.43E-06	
53	0.000399	0.000244	0.001818
5.91E-05	0.000116	8.95E-07	
54	0.000400	0.000220	0.001160
4.87E-05	0.000136	1.57E-06	
55	0.000400	0.000206	0.000425
3.72E-05	0.000149	2.90E-06	
56	0.000401	0.000205	2.17E-08
3.21E-05	0.000151	3.47E-06	
57	0.000404	6.85E-05	2.20E-08
2.28E-05	0.000425	4.74E-06	
58	0.000305	7.56E-05	0.000365
2.85E-05	0.000408	3.62E-06	
59	0.000305	7.81E-05	0.000995
4.32E-05	0.000335	1.05E-06	
60	0.000304	6.99E-05	0.001556
5.73E-05	0.000231	1.10E-06	
61	0.000304	5.85E-05	0.002018
7.01E-05	0.000116	1.17E-06	
62	0.000303	4.95E-05	0.002346
8.11E-05	2.88E-05	1.24E-06	
63	0.000303	4.19E-05	0.002502
8.96E-05	2.79E-06	1.30E-06	
64	0.000302	3.50E-05	0.002448
9.34E-05	4.39E-05	1.26E-06	
65	0.000302	3.16E-05	0.002148
8.88E-05	9.50E-05	9.84E-07	
66	0.000301	2.87E-05	0.001583
6.92E-05	0.000149	5.06E-07	
67	0.000301	2.72E-05	0.000739
2.57E-05	0.000199	4.85E-07	
68	0.000301	2.76E-05	3.06E-08
2.54E-05	0.000227	6.37E-07	
69	0.000301	3.05E-05	0.000982
7.29E-05	0.000245	1.81E-06	
70	0.000300	3.52E-05	0.002158
0.000117	0.000245	1.14E-06	
71	0.000300	3.63E-05	0.003025
0.000136	0.000209	4.29E-07	
72	0.000300	3.43E-05	0.003574
0.000140	0.000139	4.99E-07	
73	0.000300	3.19E-05	0.003796
0.000135	8.26E-05	8.90E-07	
74	0.000300	2.98E-05	0.003706
0.000130	7.70E-05	1.29E-06	
75	0.000300	2.79E-05	0.003415
0.000125	0.000109	1.61E-06	
76	0.000300	2.52E-05	0.002850
0.000113	0.000156	1.67E-06	
77	0.000300	2.10E-05	0.002006
8.67E-05	0.000201	1.47E-06	
78	0.000300	1.48E-05	0.000901
3.83E-05	0.000247	1.39E-06	
79	0.000300	1.52E-05	5.45E-08
4.47E-06	0.000272	1.54E-06	
80	0.000300	2.14E-05	0.000822
5.08E-05	0.000286	2.31E-06	
81	0.000300	3.05E-05	0.001818
9.47E-05	0.000288	1.65E-06	
82	0.000300	3.54E-05	0.002564
0.000116	0.000239	8.45E-07	
83	0.000300	3.71E-05	0.003048
0.000124	0.000164	4.67E-07	
84	0.000300	3.70E-05	0.003257
0.000124	9.38E-05	3.85E-07	
85	0.000299	3.65E-05	0.003257
0.000123	6.64E-05	5.22E-07	
86	0.000299	3.54E-05	0.003048
0.000123	8.59E-05	6.83E-07	
87	0.000299	3.30E-05	0.002564
0.000115	0.000129	6.57E-07	
88	0.000299	2.79E-05	0.001819
9.31E-05	0.000175	5.53E-07	
89	0.000299	1.94E-05	0.000823
4.95E-05	0.000223	5.68E-07	
90	0.000299	1.42E-05	5.41E-08
3.72E-06	0.000249	8.94E-07	
91	0.000299	1.38E-05	0.000902
3.84E-05	0.000266	1.80E-06	
92	0.000299	1.91E-05	0.002006
8.58E-05	0.000267	1.27E-06	
93	0.000300	2.13E-05	0.002850
0.000112	0.000233	6.67E-07	
94	0.000300	2.09E-05	0.003414
0.000124	0.000166	3.90E-07	
95	0.000300	2.05E-05	0.003706
0.000129	9.70E-05	3.26E-07	
96	0.000301	2.00E-05	0.003795
0.000134	6.39E-05	4.35E-07	
97	0.000301	1.95E-05	0.003573
0.000139	8.63E-05	6.81E-07	
98	0.000301	1.91E-05	0.003024
0.000135	0.000139	7.98E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000301	1.75E-05	0.002157
0.000116	0.000199	8.19E-07	
100	0.000301	1.40E-05	0.000982
7.11E-05	0.000261	1.04E-06	
101	0.000300	1.43E-05	3.40E-08
2.10E-05	0.000298	1.83E-06	
102	0.000300	1.19E-05	0.000740
2.71E-05	0.000325	2.94E-06	
103	0.000300	3.24E-05	0.001584
6.94E-05	0.000339	2.66E-06	
104	0.000300	4.31E-05	0.002150
8.90E-05	0.000312	2.20E-06	
105	0.000300	5.19E-05	0.002449
9.36E-05	0.000245	1.97E-06	
106	0.000300	6.02E-05	0.002504
8.98E-05	0.000150	1.86E-06	
107	0.000299	6.89E-05	0.002347
8.12E-05	8.16E-05	1.91E-06	
108	0.000299	7.78E-05	0.002019
6.97E-05	7.46E-06	1.97E-06	
109	0.000299	8.63E-05	0.001556
5.62E-05	9.85E-05

141	0.000212	3.73E-05	0.002602
9.49E-05	4.58E-05	2.36E-06	
142	0.000211	3.79E-05	0.002403
9.08E-05	7.43E-05	3.64E-06	
143	0.000210	3.52E-05	0.001974
7.88E-05	0.000110	4.46E-06	
144	0.000209	2.73E-05	0.001352
5.68E-05	0.000142	4.84E-06	
145	0.000207	1.38E-05	0.000585
2.37E-05	0.000165	4.49E-06	
146	0.000206	9.29E-06	4.80E-08
5.71E-06	0.000172	3.52E-06	
147	0.000207	2.06E-05	0.000659
1.64E-05	0.000172	3.21E-06	
148	0.000206	3.30E-05	0.001526
5.11E-05	0.000162	2.00E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000206	3.95E-05	0.002236
7.62E-05	0.000136	9.77E-07	
150	0.000206	4.12E-05	0.002737
9.17E-05	9.39E-05	9.50E-07	
151	0.000207	3.99E-05	0.003021
0.000100	5.04E-05	1.35E-06	
152	0.000208	3.72E-05	0.003081
0.000104	4.15E-05	2.58E-06	
153	0.000209	3.60E-05	0.002861
0.000103	7.74E-05	3.97E-06	
154	0.000211	3.35E-05	0.002364
9.33E-05	0.000121	4.77E-06	
155	0.000213	2.62E-05	0.001630
7.11E-05	0.000166	5.02E-06	
156	0.000215	1.38E-05	0.000710
3.47E-05	0.000198	4.52E-06	
157	0.000216	8.62E-06	4.45E-08
8.07E-06	0.000211	3.88E-06	
158	0.000217	1.98E-05	0.000516
9.59E-06	0.000216	3.08E-06	
159	0.000218	3.12E-05	0.001162
3.68E-05	0.000212	1.74E-06	
160	0.000219	3.61E-05	0.001645
5.65E-05	0.000188	4.36E-07	
161	0.000219	3.52E-05	0.001937
6.66E-05	0.000143	1.12E-07	
162	0.000219	3.04E-05	0.002028
6.93E-05	8.14E-05	7.31E-07	
163	0.000218	2.37E-05	0.001933
6.67E-05	4.04E-05	2.49E-06	
164	0.000217	1.64E-05	0.001679
6.06E-05	5.90E-05	4.84E-06	
165	0.000217	9.40E-06	0.001302
5.21E-05	8.14E-05	6.61E-06	
166	0.000216	8.30E-06	0.000833
4.16E-05	9.81E-05	7.47E-06	
167	0.000215	3.75E-05	0.000305
3.09E-05	0.000108	7.57E-06	
168	0.000215	5.77E-05	3.68E-08
2.62E-05	0.000109	7.52E-06	
169	0.000355	0.000127	8.52E-05
4.79E-05	0.000566	6.49E-05	
170	0.000353	0.000130	0.000395
2.55E-05	0.000530	5.23E-05	
171	0.000355	0.000137	0.001077
4.28E-05	0.000423	5.34E-05	
172	0.000354	0.000142	0.001688
5.67E-05	0.000267	4.27E-05	
173	0.000354	0.000142	0.002197
6.90E-05	0.000148	3.46E-05	
174	0.000354	0.000135	0.002568
7.95E-05	4.65E-05	2.88E-05	
175	0.000354	0.000119	0.002762
8.83E-05	3.54E-06	2.68E-05	
176	0.000354	9.67E-05	0.002736
9.49E-05	3.98E-05	2.57E-05	
177	0.000354	7.29E-05	0.002445
9.83E-05	9.67E-05	2.51E-05	
178	0.000353	5.04E-05	0.001852
9.40E-05	0.000161	2.75E-05	
179	0.000352	4.10E-05	0.000909
6.50E-05	0.000233	2.91E-05	
180	0.000352	4.74E-05	7.25E-05
6.55E-05	0.000278	2.94E-05	
181	0.000351	5.82E-05	0.001187
0.000115	0.000309	3.38E-05	
182	0.000350	7.39E-05	0.002491
0.000142	0.000314	3.72E-05	
183	0.000350	8.86E-05	0.003410
0.000144	0.000268	3.92E-05	
184	0.000349	9.92E-05	0.003974
0.000139	0.000180	2.92E-05	
185	0.000349	0.000103	0.004190
0.000131	0.000116	2.55E-05	
186	0.000350	9.91E-05	0.004082
0.000126	9.22E-05	2.72E-05	
187	0.000351	8.72E-05	0.003797
0.000125	0.000115	3.30E-05	
188	0.000352	6.86E-05	0.003209
0.000121	0.000166	3.88E-05	
189	0.000352	4.88E-05	0.002310
0.000111	0.000217	4.49E-05	
190	0.000353	3.73E-05	0.001082
7.77E-05	0.000283	4.80E-05	
191	0.000354	3.86E-05	5.38E-05
5.34E-05	0.000324	4.86E-05	
192	0.000354	4.64E-05	0.001003
9.08E-05	0.000352	5.57E-05	
193	0.000354	6.62E-05	0.002116
0.000119	0.000352	6.11E-05	
194	0.000355	8.57E-05	0.002911
0.000124	0.000302	5.79E-05	
195	0.000355	0.000101	0.003411
0.000123	0.000208	5.14E-05	
196	0.000356	0.000109	0.003618
0.000120	0.000129	4.21E-05	
197	0.000358	0.000108	0.003616
0.000119	8.32E-05	3.39E-05	
198	0.000357	9.90E-05	0.003408
0.000122	9.13E-05	2.61E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000357	8.32E-05	0.002907
0.000122	0.000137	1.97E-05	
200	0.000358	6.37E-05	0.002111
0.000117	0.000189	1.50E-05	
201	0.000358	4.53E-05	0.000999
8.93E-05	0.000255	1.24E-05	
202	0.000358	3.87E-05	5.41E-05
5.34E-05	0.000298	1.36E-05	
203	0.000358	3.63E-05	0.001081
7.67E-05	0.000231	1.89E-05	
204	0.000359	4.54E-05	0.002306
0.000109	0.000340	2.66E-05	
205	0.000359	5.98E-05	0.003205
0.000119	0.000299	3.09E-05	
206	0.000360	7.39E-05	0.003792
0.000123	0.000215	3.41E-05	
207	0.000360	8.22E-05	0.004079
0.000125	0.000134	3.70E-05	
208	0.000360	8.22E-05	0.004187
0.000130	8.22E-05	4.08E-05	
209	0.000359	7.54E-05	0.003971
0.000138	9.09E-05	4.64E-05	
210	0.000358	6.36E-05	0.003407
0.000143	0.000146	5.16E-05	
211	0.000357	4.93E-05	0.002487
0.000142	0.000214	5.67E-05	
212	0.000355	3.75E-05	0.001183
0.000115	0.000295	5.77E-05	
213	0.000354	3.89E-05	5.76E-05
6.56E-05	0.000351	5.66E-05	
214	0.000352	4.96E-05	0.000909
6.57E-05	0.000398	6.31E-05	
215	0.000351	7.37E-05	0.001853
9.44E-05	0.000423	6.87E-05	
216	0.000350	0.000102	0.002447
9.88E-05	0.000392	6.40E-05	
217	0.000349	0.000129	0.002738
9.56E-05	0.000310	5.50E-05	
218	0.000349	0.000150	0.002765
8.92E-05	0.000199	4.49E-05	
219	0.000349	0.000162	0.002570
8.06E-05	0.000117	3.49E-05	
220	0.000349	0.000165	0.002198
7.03E-05	8.70E-05	2.96E-05	
221	0.000349	0.000160	0.001687
5.82E-05	0.000108	2.81E-05	
222	0.000349	0.000150	0.001072
4.41E-05	0.000128	2.81E-05	
223	0.000350	0.000138	0.000384
2.53E-05	0.000141	2.37E-05	
224	0.000350	0.000132	8.61E-05
4.61E-05	0.000145	2.92E-05	
225	0.000264	6.88E-05	1.17E-05
3.46E-05	0.000336	5.94E-05	
226	0.000264	5.47E-05	0.000336
2.14E-05	0.000312	4.75E-05	
227	0.000264	3.29E-05	0.000913
4.04E-05	0.000251	5.38E-05	
228	0.000264	1.28E-05	0.001424
5.45E-05	0.000174	4.65E-05	
229	0.000263	1.51E-05	0.001840
6.67E-05	8.59E-05	3.89E-05	
230	0.000262	2.25E-05	0.002125
7.70E-05	1.69E-05	3.04E-05	
231	0.000261	3.02E-05	0.002244
8.53E-05	6.52E-06	2.49E-05	
232	0.000261	3.69E-05	0.002164
9.02E-05	4.73E-05	2.40E-05	
233	0.000260	4.08E-05	0.001861
8.83E-05	9.26E-05	2.59E-05	
234	0.000260	3.97E-05	0.001335
7.47E-05	0.000136	2.85E-05	
235	0.000260	3.22E-05	0.000601
4.20E-05	0.000170	2.81E-05	
236	0.000260	2.47E-05	1.25E-05
3.51E-05	0.000186	2.60E-05	
237	0.000260	1.80E-05	0.000810
8.06E-05	0.000193	2.81E-05	
238	0.000261	7.53E-06	0.001847
0.000118	0.000260	3.01E-05	
239	0.000261	6.93E-06	0.002649
0.000133	0.000156	2.80E-05	
240	0.000261	1.07E-05	0.003178
0.000134	0.000102	2.51E-05	
241	0.000261	1.53E-05	0.003404
0.000128	5.47E-05	2.44E-05	
242	0.000261	2.02E-05	0.003331
0.000123	6.49E-05	2.77E-05	
243	0.000261	2.48E-05	0.003038
0.000120	0.000102	3.34E-05	
244	0.000260	2.76E-05	0.002501
0.000111	0.000145	3.88E-05	
245	0.000260	2.68E-05	0.001724
9.00E-05	0.000182	4.41E-05	
246	0.000259	2.03E-05	0.000752
5.05E-05	0.000213	4.48E-05	
247	0.000259	1.50E-05	6.00E-06
2.47E-05	0.000226	4.26E-05	
248	0.000258	1.31E-05	0.000673
5.98E-05	0.000230	3.68E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000258	1.74E-05	0.001542
9.65E-05	0.000218	5.03E-05	
250	0.000257	2.07E-05	0.002227
0.000113	0.000184	4.72E-05	
251	0.000257	2.17E-05	0.002689
0.000118	0.000124	4.12E-05	
252	0.000256	2.15E-05	0.002898
0.000117	6.62E-05	3.30E-05	
253	0.000256	2.26E-05	0.002900
0.000117	5.35E-05	2.64E-05	
254	0.000255	2.38E-05	0.002692
0.000117	8.03E-05	1.95E-05	
255	0.000255	2.33E-05	0.002231
0.000112	0.000119	1.40E-05	
256	0.000255	1.94E-05	0.001547
9.53E-05	0.000158	1.08E-05	
257	0.000254	1.23E-05	0.000677
5.91E-05	0.000189	9.43E-06	
258	0.000254	1.20E-05	6.62E-06
2.42E-05	0.000204	9.17E-06	
259	0.000254	1.80E-05	0.000753
4.95E-05	0.000211	1.08E-05	
260	0.000253	2.51E-05	0.001728
8.86E-05	0.000204	1.51E-05	
261	0.000253	2.75E-05	0.002505
0.000109	0.000176	1.94E-05	
262	0.000253	2.66E-05	0.003041
0.000119	0.000124	2.36E-05	
263	0.000253	2.42E-05	0.003334
0.000122	6.96E-05	2.77E-05	
264	0.000254	2.19E-05	0.003405
0.000128	5.00E-05	3.08E-05	
265	0.000254	2.08E-05	0.003179
0.000134	8.18E-05	3.58E-05	
266	0.000255	2.04E-05	0.002650
0.000132	0.000129	4.05E-05	
267	0.000256	1.80E-05	0.001848
0.000118	0.000180	4.49E-05	
268	0.000257	1.22E-05	0.000812
8.09E-05	0.000223	4.45E-05	
269	0.000258	1.08E-05	3.58E-06
3.53E-05	0.000246	4.17E-05	
270	0.000258	1.69E-05	0.000601
4.12E-05	0.000261	4.54E-05	
271	0.000259	2.37E-05	0.001336
7.48E-05	0.000264	4.79E-05	
272	0.000259	2.52E-05	0.001862
8.86E-05	0.000241	4.42E-05	
273	0.000259	2.28E-05	0.002165
9.05E-05	0.000189	3.82E-05	
274	0.000259	1.87E-05	0.002245
8.57E-05	0.000113	3.02E-05	
275	0.000258	1.44E-05	0.002126
7.74E-05	5.84E-05	2.29E-05	
276	0.000258	1.27E-05	0.001841
6.69E-05	6.52E-05	2.18E-05	
277	0.000257	2.03E-05	0.001427
5.44E-05	8.91E-05	2.13E-05	
278	0.000257	4.05E-05	0.000917
4.00E-05	0.000107	2.11E-05	
279	0.000256	6.02E-05	0.000344
2.18E-05	0.000118	1.77E-05	
280	0.000256	6.74E-05	1.52E-05
3.65E-05	0.000121	2.16E-05	
281	0.000529	1.40E-05	.000000
3.30E-05	0.000673	1.87E-06	.000000
282	0.000642	2.01E-05	.000000
6.18E-06	0.000322	6.21E-06	.000000
283	0.000758	.000000	.000000
4.36E-06	0.000376	7.59E-06	.000000
284	.000000	.000000	.000000
4.08E-22	0.000350	6.53E-06	.000000
285	0.000776	4.04E-05	.000000
2.51E-21	0.000412	8.49E-06	.000000
286	0.000793	1.58E-05	.000000
2.61E-05	0.000153	3.47E-06	.000000
287	0.000414	3.91E-05	.000000
3.81E-05	0.000427	4.74E-06	.000000
288	0.000422	9.56E-06	.000000
2.44E-05	0.000227	6.37E-07	.000000
289	0.000551	.000000	.000000
4.45E-06	0.000272	1.54E-06	.000000
290	.000000	.000000	.000000
5.58E-22	0.000249	8.94E-07	
291	0.000565	2.94E-05	.000000
9.36E-08	0.000298	1.83E-06	
292	0.000487	3.79E-05	.000000
3.88E-22	0.000132	9.31E-07	
293	0.000172	1.19E-05	.000000
3.58E-05	0.000245	1.99E-06	
294	0.000278	8.38E-06	.000000
1.77E-05	0.000153	4.02E-06	
295	0.000394	5.36E-06	.000000
3.33E-05	0.000189	4.04E-06	
296	6.07E-07	7.54E-06	.000000
1.12E-06	0.000172	3.93E-06	
297	0.000379	0.000104	.000000
-2.60E-21	0.000203	3.88E-06	
298	0.000243	5.87E-05	.000000
8.36E-22	0.000111	7.52E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000405	-2.84E-05	-3.04E-07
-0.000188	-0.000151	-3.67E-06	
2	-0.000405	-2.67E-05	-0.001890
-0.000260	-0.000149	-2.80E-06	
3	-0.000407	-2.54E-05	-0.004988
-0.000397	-0.000136	-1.14E-06	
4	-0.000408	-2.50E-05	-0.007398
-0.000497	-0.000116	-6.50E-07	
5	-0.000412	-2.47E-05	-0.008988
-0.000550	-9.94E-05	-1.53E-06	
6	-0.000414	-2.42E-05	-0.009661
-0.000558	-0.000144	-3.48E-06	
7	-0.000414	-2.28E-05	-0.009376
-0.000521	-0.000236	-5.15E-06	
8	-0.000413	-1.88E-05	-0.008206
-0.000442	-0.000364	-8.77E-06	
9	-0.000411	-9.65E-06	-0.006318
-0.000332	-0.000466	-1.04E-05	
10	-0.000409	-6.79E-06	-0.003989
-0.000206	-0.000509	-1.05E-05	
11	-0.000408	-7.33E-06	-0.001555
-8.99E-05	-0.000480	-9.22E-06	
12	-0.000407	-9.46E-06	-6.74E-07
-6.95E-05	-0.000414	-8.02E-06	
13	-0.000407	-2.73E-05	-0.001254
-0.000127	-0.000336	-7.30E-06	
14	-0.000406	-5.58E-05	-0.003253
-0.000242	-0.000235	-4.17E-06	
15	-0.000406	-7.20E-05	-0.005162
-0.000346	-0.000157	-2.14E-06	
16	-0.000407	-7.73E-05	-0.006669
-0.000422	-9.87E-05	-1.02E-06	
17	-0.000409	-7.52E-05	-0.007505
-0.000459	-0.000105	-2.68E-06	
18	-0.000411	-6.81E-05	-0.007537
-0.000452	-0.000168	-3.62E-06	
19	-0.000412	-5.69E-05	-0.006757
-0.000401	-0.000260	-5.82E-06	
20	-0.000415	-4.09E-05	-0.005284
-0.000314	-0.000364	-7.48E-06	
21	-0.000418	-1.86E-05	-0.003374
-0.000204	-0.000416	-7.79E-06	
22	-0.000419	-6.77E-06	-0.001325
-9.01E-05	-0.000404	-7.18E-06	
23	-0.000421	-5.24E-06	-6.51E-07
-5.93E-05	-0.000353	-7.16E-06	
24	-0.000423	-7.74E-06	-0.001411
-0.000110	-0.000288	-6.39E-06	
25	-0.000425	-2.73E-05	-0.003579
-0.000226	-0.000205	-4.91E-06	
26	-0.000428	-4.51E-05	-0.005597
-0.000333	-0.000146	-2.69E-06	
27	-0.000430	-5.39E-05	-0.007160
-0.000415	-9.63E-05	-1.42E-06	
28	-0.000433	-5.64E-05	-0.008004
-0.000460	-0.000100	-2.07E-06	
29	-0.000435	-5.53E-05	-0.008003
-0.000460	-0.000167	-3.64E-06	
30	-0.000438	-5.24E-05	-0.007155
-0.000414	-0.000256	-5.27E-06	
31	-0.000441	-4.36E-05	-0.005590
-0.000333	-0.000368	-7.92E-06	
32	-0.000444	-2.60E-05	-0.003571
-0.000225	-0.000428	-7.25E-06	
33	-0.000447	-8.55E-06	-0.001406
-0.000110	-0.000422	-6.73E-06	
34	-0.000449	-6.10E-06	-6.51E-07
-6.00E-05	-0.000374	-1.49E-05	
35	-0.000449	-6.36E-06	-0.001321
-8.93E-05	-0.000312	-7.01E-06	
36	-0.000450	-1.21E-05	-0.003367
-0.000203	-0.000231	-5.15E-06	
37	-0.000450	-2.78E-05	-0.005277
-0.000312	-0.000174	-2.98E-06	
38	-0.000451	-3.90E-05	-0.006750
-0.000399	-0.000121	-1.83E-06	
39	-0.000450	-4.54E-05	-0.007532
-0.000451	-0.000108	-2.26E-06	
40	-0.000450	-4.77E-05	-0.007502
-0.000458	-0.000154	-3.63E-06	
41	-0.000449	-4.52E-05	-0.006668
-0.000421	-0.000230	-5.08E-06	
42	-0.000448	-3.66E-05	-0.005162
-0.000345	-0.000334	-6.60E-06	
43	-0.000447	-2.03E-05	-0.003254
-0.000242	-0.000388	-6.80E-06	
44	-0.000445	-3.68E-06	-0.001255
-0.000127	-0.000377	-6.25E-06	
45	-0.000443	-5.38E-06	-6.71E-07
-6.47E-05	-0.000324	-6.66E-06	
46	-0.000441	-1.02E-05	-0.001555
-8.39E-05	-0.000256	-6.89E-06	
47	-0.000439	-2.81E-05	-0.003988
-0.000202	-0.000169	-4.91E-06	
48	-0.000436	-4.47E-05	-0.006317
-0.000331	-9.64E-05	-2.62E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000433	-5.29E-05	-0.008206
-0.000441	-3.60E-05	-1.03E-06	
50	-0.000431	-5.55E-05	-0.009377
-0.000521	-7.13E-06	-4.92E-07	
51	-0.000431	-5.51E-05	-0.009663
-0.000560	-7.42E-05	-1.57E-06	
52	-0.000431	-5.31E-05	-0.008990
-0.000552	-0.000195	-3.46E-06	
53	-0.000434	-5.02E-05	-0.007401
-0.000499	-0.000355	-5.13E-06	
54	-0.000436	-4.64E-05	-0.004991
-0.000400	-0.000517	-7.48E-06	
55	-0.000438	-4.19E-05	-0.001892
-0.000264	-0.000642	-2.35E-06	
56	-0.000439	-3.95E-05	-3.05E-07
-0.000193	-0.000671	-1.79E-06	
57	-0.000346	-1.75E-05	-4.10E-08
-8.60E-05	-0.000131	-1.25E-06	
58	-0.000351	-1.51E-05	-0.001182
-0.000155	0.000129	-1.04E-06	
59	-0.000348	-1.10E-05	-0.003168
-0.000304	-0.000117	-9.79E-07	
60	-0.000347	-6.89E-06	-0.004770
-0.000417	-9.82E-05	-2.47E-06	
61	-0.000345	-3.53E-06	-0.005859
-0.000482	-7.38E-05	-2.82E-06	
62	-0.000344	-3.39E-06	-0.006346
-0.000497	-8.16E-05	-2.71E-06	
63	-0.000342	-3.98E-06	-0.006197
-0.000465	-0.000150	-2.51E-06	
64	-0.000341	-4.71E-06	-0.005450
-0.000391	-0.000245	-2.43E-06	
65	-0.000339	-5.97E-06	-0.004221
-0.000285	-0.000312	-2.45E-06	
66	-0.000338	-9.19E-06	-0.002695
-0.000163	-0.000339	-2.64E-06	
67	-0.000337	-1.83E-05	-0.001079
-4.36E-05	-0.000325	-2.81E-06	
68	-0.000336	-2.51E-05	-9.88E-08
-2.60E-05	-0.000298	-1.55E-06	
69	-0.000336	-2.81E-05	-0.000834
-8.12E-05	-0.000261	-1.17E-06	
70	-0.000335	-3.01E-05	-0.002107
-0.000184	-0.000199	-7.46E-07	
71	-0.000335	-3.13E-05	-0.003316
-0.000283	-0.000139	-5.35E-07	
72	-0.000334	-3.09E-05	-0.004277
-0.000359	-8.63E-05	-7.14E-07	
73	-0.000334	-2.87E-05	-0.004816
-0.000397	-6.39E-05	-8.62E-07	
74	-0.000333	-2.50E-05	-0.004844
-0.000392	-9.70E-05	-9.09E-07	
75	-0.000333	-2.01E-05	-0.004353
-0.000345	-0.000166	-1.02E-06	
76	-0.000333	-1.46E-05	-0.003422
-0.000263	-0.000233	-1.28E-06	
77	-0.000333	-8.65E-06	-0.002210
-0.000160	-0.000267	-1.76E-06	
78	-0.000332	-3.58E-06	-0.000893
-5.55E-05	-0.000266	-2.13E-06	
79	-0.000332	-5.35E-06	-9.40E-08
-1.26E-05	-0.000249	-1.22E-06	
80	-0.000332	-7.48E-06	-0.000974
-7.17E-05	-0.000223	-6.94E-07	
81	-0.000331	-9.94E-06	-0.002403
-0.000177	-0.000175	-5.63E-07	
82	-0.000331	-1.24E-05	-0.003717
-0.000279	-0.000129	-5.95E-07	
83	-0.000330	-1.43E-05	-0.004735
-0.000357	-8.59E-05	-5.67E-07	
84	-0.000329	-1.52E-05	-0.005287
-0.000400	-6.65E-05	-4.55E-07	
85	-0.000329	-1.46E-05	-0.005287
-0.000399	-9.39E-05	-4.63E-07	
86	-0.000328	-1.29E-05	-0.004735
-0.000356	-0.000164	-6.17E-07	
87	-0.000327	-1.04E-05	-0.003717
-0.000277	-0.000239	-9.43E-07	
88	-0.000327	-7.78E-06	-0.002403
-0.000175	-0.000280	-1.58E-06	
89	-0.000326	-5.58E-06	-0.000974
-7.04E-05	-0.000286	-2.11E-06	
90	-0.000326	-4.45E-06	-9.39E-08
-1.18E-05	-0.000272	-1.21E-06	
91	-0.000326	-2.24E-06	-0.000894
-5.57E-05	-0.000247	-9.32E-07	
92	-0.000326	-4.68E-06	-0.002212
-0.000160	-0.000201	-8.81E-07	
93	-0.000326	-8.11E-06	-0.003423
-0.000262	-0.000156	-9.23E-07	
94	-0.000326	-1.08E-05	-0.004355
-0.000344	-0.000109	-8.17E-07	
95	-0.000326	-1.25E-05	-0.004846
-0.000391	-7.69E-05	-5.81E-07	
96	-0.000326	-1.27E-05	-0.004818
-0.000396	-8.25E-05	-3.67E-07	
97	-0.000326	-1.15E-05	-0.004279
-0.000358	-0.000140	-3.69E-07	
98	-0.000326	-9.40E-06	-0.003318
-0.000283	-0.000209	-6.24E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000325	-7.42E-06	-0.002108
-0.000184	-0.000245	-1.29E-06	
100	-0.000325	-6.61E-06	-0.000835
-8.08E-05	-0.000245	-1.82E-06	
101	-0.000325	-7.26E-06	-1.05E-07
-2.34E-05	-0.000227	-9.20E-07	
102	-0.000324	-7.88E-06	-0.001078
-4.60E-05	-0.000199	-3.61E-07	
103	-0.000323	-9.06E-06	-0.002695
-0.000163	-0.000149	-4.55E-07	
104	-0.000322	-1.11E-05	-0.004220
-0.000286	-9.51E-05	-8.20E-07	
105	-0.000321	-1.38E-05	-0.005448
-0.000391	-4.39E-05	-9.33E-07	
106	-0.000320	-1.68E-05	-0.006195
-0.000465	-2.82E-06	-8.29E-07	
107	-0.000320	-1.97E-05	-0.006344
-0.000497	-2

142	-0.000238	-7.27E-05	-0.003013
-0.000212	-9.74E-05	-1.13E-06	
143	-0.000236	-5.42E-05	-0.002398
-0.000167	-0.000146	-1.24E-06	
144	-0.000235	-3.11E-05	-0.001588
-0.000110	-0.000177	-2.27E-06	
145	-0.000233	-8.68E-06	-0.000667
-5.10E-05	-0.000191	-3.47E-06	
146	-0.000232	-3.58E-06	-7.57E-09
-2.36E-05	-0.000193	-4.16E-06	
147	-0.000232	-1.74E-05	-0.000593
-4.16E-05	-0.000187	-4.67E-06	
148	-0.000233	-4.10E-05	-0.001409
-0.000100	-0.000164	-4.96E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000233	-6.43E-05	-0.002124
-0.000157	-0.000133	-4.51E-06	
150	-0.000234	-8.29E-05	-0.002658
-0.000203	-9.41E-05	-3.65E-06	
151	-0.000235	-9.26E-05	-0.002932
-0.000230	-5.65E-05	-2.36E-06	
152	-0.000235	-9.12E-05	-0.002906
-0.000233	-4.15E-05	-1.46E-06	
153	-0.000236	-7.91E-05	-0.002588
-0.000211	-8.02E-05	-1.21E-06	
154	-0.000237	-5.88E-05	-0.002027
-0.000169	-0.000122	-1.28E-06	
155	-0.000238	-3.49E-05	-0.001316
-0.000114	-0.000146	-2.15E-06	
156	-0.000239	-1.21E-05	-0.000540
-5.74E-05	-0.000155	-3.27E-06	
157	-0.000240	-4.93E-06	-6.04E-09
-2.78E-05	-0.000153	-3.94E-06	
158	-0.000241	-1.84E-05	-0.000730
-4.44E-05	-0.000144	-4.48E-06	
159	-0.000243	-4.11E-05	-0.001756
-0.000113	-0.000120	-4.83E-06	
160	-0.000244	-6.38E-05	-0.002681
-0.000186	-8.47E-05	-4.39E-06	
161	-0.000245	-8.18E-05	-0.003401
-0.000251	-4.54E-05	-3.51E-06	
162	-0.000246	-9.03E-05	-0.003817
-0.000297	-8.42E-06	-2.12E-06	
163	-0.000246	-8.65E-05	-0.003863
-0.000317	-1.47E-05	-1.50E-06	
164	-0.000244	-6.96E-05	-0.003522
-0.000309	-7.41E-05	-1.55E-06	
165	-0.000242	-4.19E-05	-0.002828
-0.000272	-0.000142	-1.53E-06	
166	-0.000239	-1.14E-05	-0.001851
-0.000208	-0.000198	-1.53E-06	
167	-0.000236	-1.35E-05	-0.000682
-0.000129	-0.000233	-1.56E-06	
168	-0.000234	-1.75E-05	-4.16E-09
-9.13E-05	-0.000241	-1.55E-06	
169	-0.000384	-2.19E-05	-1.28E-05
-6.76E-06	-0.000142	-4.33E-05	
170	-0.000384	-2.04E-05	-0.001458
-0.000164	-0.000139	-3.51E-05	
171	-0.000383	-1.78E-05	-0.004003
-0.000395	-0.000127	-4.08E-05	
172	-0.000382	-1.55E-05	-0.006015
-0.000530	-0.000108	-3.94E-05	
173	-0.000381	-1.31E-05	-0.007360
-0.000600	-8.67E-05	-3.94E-05	
174	-0.000380	-1.04E-05	-0.007939
-0.000612	-0.000117	-4.20E-05	
175	-0.000379	-7.41E-06	-0.007724
-0.000572	-0.000199	-4.77E-05	
176	-0.000377	-5.21E-06	-0.006765
-0.000486	-0.000310	-5.51E-05	
177	-0.000375	-5.18E-06	-0.005207
-0.000359	-0.000392	-5.94E-05	
178	-0.000376	-5.48E-06	-0.003285
-0.000204	-0.000424	-6.19E-05	
179	-0.000372	-6.31E-06	-0.001269
-4.35E-05	-0.000398	-5.52E-05	
180	-0.000371	-1.51E-05	-1.33E-05
-9.58E-07	-0.000351	-4.69E-05	
181	-0.000371	-2.99E-05	-0.001006
-8.54E-05	-0.000295	-4.46E-05	
182	-0.000370	-4.51E-05	-0.002629
-0.000234	-0.000214	-4.11E-05	
183	-0.000370	-5.34E-05	-0.004181
-0.000366	-0.000147	-3.59E-05	
184	-0.000370	-5.55E-05	-0.005411
-0.000460	-0.000116	-3.20E-05	
185	-0.000371	-5.28E-05	-0.006098
-0.000505	-8.26E-05	-3.10E-05	
186	-0.000371	-4.65E-05	-0.006128
-0.000499	-0.000134	-3.62E-05	
187	-0.000372	-3.73E-05	-0.005494
-0.000444	-0.000215	-4.52E-05	
188	-0.000373	-2.52E-05	-0.004294
-0.000342	-0.000299	-5.26E-05	
189	-0.000374	-1.20E-05	-0.002741
-0.000206	-0.000340	-5.75E-05	
190	-0.000375	-4.34E-06	-0.001069
-5.82E-05	-0.000331	-5.47E-05	
191	-0.000376	-3.54E-06	-4.62E-06
-4.93E-06	-0.000299	-4.95E-05	
192	-0.000377	-7.21E-06	-0.001156
-7.56E-05	-0.000255	-5.11E-05	
193	-0.000379	-2.01E-05	-0.002941
-0.000225	-0.000189	-5.13E-05	
194	-0.000380	-2.99E-05	-0.004601
-0.000359	-0.000137	-4.78E-05	
195	-0.000380	-3.52E-05	-0.005888
-0.000457	-9.09E-05	-4.47E-05	
196	-0.000381	-3.69E-05	-0.006584
-0.000507	-8.31E-05	-4.09E-05	
197	-0.000381	-3.58E-05	-0.006583
-0.000506	-0.000129	-3.88E-05	
198	-0.000382	-3.31E-05	-0.005885
-0.000456	-0.000209	-3.64E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000383	-2.73E-05	-0.004596
-0.000357	-0.000302	-3.33E-05	
200	-0.000383	-1.76E-05	-0.002936
-0.000223	-0.000352	-2.87E-05	
201	-0.000384	-6.65E-06	-0.001151
-7.41E-05	-0.000351	-2.07E-05	
202	-0.000385	-3.59E-06	-5.63E-06
-4.96E-06	-0.000323	-1.52E-05	
203	-0.000386	-3.23E-06	-0.001069
-5.74E-05	-0.000283	-1.41E-05	
204	-0.000387	-8.09E-06	-0.002738
-0.000204	-0.000317	-1.65E-05	
205	-0.000387	-1.55E-05	-0.004292
-0.000340	-0.000166	-2.07E-05	
206	-0.000388	-2.29E-05	-0.005492
-0.000443	-0.000115	-2.64E-05	
207	-0.000388	-2.76E-05	-0.006127
-0.000498	-9.20E-05	-3.38E-05	
208	-0.000387	-2.93E-05	-0.006098
-0.000504	-0.000116	-4.24E-05	
209	-0.000387	-2.83E-05	-0.005411
-0.000460	-0.000180	-5.22E-05	
210	-0.000386	-2.42E-05	-0.004182
-0.000366	-0.000268	-5.90E-05	
211	-0.000386	-1.55E-05	-0.002630
-0.000234	-0.000314	-6.21E-05	
212	-0.000385	-3.96E-06	-0.001007
-8.56E-05	-0.000309	-5.62E-05	
213	-0.000384	-5.04E-06	-2.32E-06
-1.97E-06	-0.000279	-4.87E-05	
214	-0.000383	-9.43E-06	-0.001272
-4.43E-05	-0.000233	-4.79E-05	
215	-0.000381	-1.89E-05	-0.003286
-0.000204	-0.000162	-4.45E-05	
216	-0.000379	-2.82E-05	-0.005207
-0.000359	-9.68E-05	-3.88E-05	
217	-0.000376	-3.39E-05	-0.006765
-0.000486	-3.99E-05	-3.40E-05	
218	-0.000375	-3.68E-05	-0.007723
-0.000573	-3.44E-06	-2.98E-05	
219	-0.000373	-3.47E-05	-0.007938
-0.000612	-4.66E-05	-2.73E-05	
220	-0.000372	-3.78E-05	-0.007358
-0.000601	-0.000148	-3.02E-05	
221	-0.000372	-3.70E-05	-0.006011
-0.000531	-0.000288	-3.67E-05	
222	-0.000372	-3.57E-05	-0.003997
-0.000396	-0.000424	-4.18E-05	
223	-0.000372	-3.39E-05	-0.001448
-0.000164	-0.000531	-4.63E-05	
224	-0.000372	-3.31E-05	-1.66E-05
-4.61E-06	-0.000567	-5.74E-05	
225	-0.000303	-1.44E-05	-3.81E-05
-3.01E-06	-0.000123	-3.55E-05	
226	-0.000302	-1.11E-05	-0.000927
-0.000103	-0.000119	-2.88E-05	
227	-0.000301	-6.55E-06	-0.002428
-0.000261	-0.000107	-3.36E-05	
228	-0.000298	-5.05E-06	-0.003658
-0.000365	-8.92E-05	-3.23E-05	
229	-0.000296	-2.56E-05	-0.004515
-0.000325	-6.53E-05	-2.22E-05	
230	-0.000294	-4.32E-06	-0.004914
-0.000439	-5.84E-05	-2.85E-05	
231	-0.000293	-5.30E-05	-0.004824
-0.000409	-0.000113	-2.86E-05	
232	-0.000292	-5.46E-05	-0.004271
-0.000342	-0.000292	-2.56E-05	
233	-0.000292	-4.93E-05	-0.003338
-0.000246	-0.000241	-3.61E-05	
234	-0.000292	-3.97E-05	-0.002166
-0.000137	-0.000264	-3.80E-05	
235	-0.000292	-2.92E-05	-0.000895
-3.49E-05	-0.000261	-3.42E-05	
236	-0.000292	-2.35E-05	-3.40E-05
-3.51E-06	-0.000246	-3.00E-05	
237	-0.000292	-1.85E-05	-0.000671
-5.90E-05	-0.000223	-3.05E-05	
238	-0.000292	-1.43E-05	-0.001647
-0.000147	-0.000180	-2.87E-05	
239	-0.000292	-2.12E-05	-0.002557
-0.000235	-0.000129	-2.72E-05	
240	-0.000292	-3.58E-05	-0.003279
-0.000305	-8.17E-05	-2.12E-05	
241	-0.000292	-4.61E-05	-0.003686
-0.000340	-4.98E-05	-2.16E-05	
242	-0.000291	-4.98E-05	-0.003712
-0.000337	-6.95E-05	-2.67E-05	
243	-0.000291	-4.22E-05	-0.003351
-0.000295	-0.000124	-3.38E-05	
244	-0.000290	-3.67E-05	-0.002655
-0.000222	-0.000176	-3.92E-05	
245	-0.000290	-2.40E-05	-0.001742
-0.000131	-0.000204	-4.27E-05	
246	-0.000289	-1.48E-05	-0.000725
-4.23E-05	-0.000210	-4.10E-05	
247	-0.000289	-6.20E-06	-1.75E-05
-5.70E-06	-0.000203	-3.79E-05	
248	-0.000288	-4.50E-06	-0.000800
-5.42E-05	-0.000189	-4.07E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000287	-9.82E-06	-0.001926
-0.000144	-0.000157	-4.17E-05	
250	-0.000286	-2.22E-05	-0.002940
-0.000234	-0.000120	-3.83E-05	
251	-0.000286	-3.38E-05	-0.003720
-0.000305	-8.06E-05	-3.44E-05	
252	-0.000285	-4.09E-05	-0.004141
-0.000343	-5.37E-05	-3.42E-05	
253	-0.000284	-4.16E-05	-0.004142
-0.000343	-6.61E-05	-2.81E-05	
254	-0.000283	-3.58E-05	-0.003722
-0.000304	-0.000124	-2.48E-05	
255	-0.000282	-2.49E-05	-0.002944
-0.000232	-0.000183	-2.09E-05	
256	-0.000282	-1.20E-05	-0.001930
-0.000143	-0.000218	-1.68E-05	
257	-0.000281	-2.75E-06	-0.000804
-5.35E-05	-0.000231	-1.24E-05	
258	-0.000281	-3.34E-06	-1.79E-05
-5.61E-06	-0.000227	-1.07E-05	
259	-0.000280	-9.52E-06	-0.000727
-4.13E-05	-0.000214	-1.42E-05	
260	-0.000280	-2.24E-05	-0.001746
-0.000130	-0.000182	-1.23E-05	
261	-0.000280	-3.61E-05	-0.002660
-0.000220	-0.000145	-1.50E-05	
262	-0.000280	-4.73E-05	-0.003356
-0.000294	-0.000102	-2.00E-05	
263	-0.000280	-5.28E-05	-0.003717
-0.000336	-6.49E-05	-2.66E-05	
264	-0.000281	-5.14E-05	-0.003690
-0.000339	-5.49E-05	-3.29E-05	
265	-0.000281	-4.34E-05	-0.003282
-0.000304	-0.000102	-4.01E-05	
266	-0.000281	-3.08E-05	-0.002560
-0.000235	-0.000156	-4.38E-05	
267	-0.000281	-1.71E-05	-0.001648
-0.000147	-0.000185	-4.74E-05	
268	-0.000282	-6.21E-06	-0.000671
-5.90E-05	-0.000193	-4.33E-05	
269	-0.000282	-4.53E-06	-2.22E-05
-2.84E-06	-0.000186	-4.69E-05	
270	-0.000282	-7.90E-06	-0.000893
-3.38E-05	-0.000170	-4.02E-05	
271	-0.000283	-1.70E-05	-0.002164
-0.000137	-0.000136	-3.86E-05	
272	-0.000283	-2.68E-05	-0.003336
-0.000246	-9.25E-05	-3.32E-05	
273	-0.000284	-3.40E-05	-0.004269
-0.000342	-4.73E-05	-2.84E-05	
274	-0.000284	-3.59E-05	-0.004822
-0.000410	-6.69E-06	-2.42E-05	
275	-0.000283	-3.07E-05	-0.004912
-0.000439	-1.69E-05	-2.23E-05	
276	-0.000282	-1.90E-05	-0.004513
-0.000425	-4.71E-05	-1.71E-05	
277	-0.000280	-1.19E-05	-0.003658
-0.000365	-0.000174	-3.28E-05	
278	-0.000278	-1.62E-05	-0.002430
-0.000260	-0.000251	-3.86E-05	
279	-0.000276	-2.09E-05	-0.000933
-0.000103	-0.000311	-3.43E-05	
280	-0.000276	-2.38E-05	-3.91E-05
-5.25E-06	-0.000335	-4.28E-05	
281	-0.001055	-7.00E-06	.000000
-0.000182	-0.000149	-3.67E-06	
282	-0.000524	-1.64E-05	.000000
-5.85E-05	-0.000416	-8.02E-06	
283	-0.000852	.000000	.000000
-5.93E-05	-0.000353	-7.16E-06	
284	.000000	.000000	.000000
-4.77E-05	-0.000376	-6.94E-06	
285	-0.000870	-4.53E-05	.000000
-4.41E-05	-0.000329	-6.66E-06	
286	-0.000320	-6.36E-06	.000000
-0.000166	-0.000678	-1.19E-06	
287	-0.000756	-2.14E-05	.000000
-7.09E-05	-0.000129	-1.25E-06	
288	-0.000367	-1.10E-05	.000000
-2.88E-05	-0.000297	-1.55E-06	
289	-0.000650	.000000	.000000
-1.26E-05	-0.000249	-1.22E-06	
290	.000000	.000000	.000000
-5.11E-06	-0.000272	-1.21E-06	
291	-0.000637	-3.31E-05	.000000
-9.72E-06	-0.000228	-9.20E-07	
292	-0.000221	-1.72E-05	.000000
-1.58E-05	-0.000431	-5.08E-06	
293	-0.000489	-3.22E-06	.000000
-7.71E-05	-0.000104	-8.42E-06	
294	-0.000236	-4.35E-05	.000000
-4.73E-05	-0.000206	-3.92E-06	
295	-0.000473	-7.48E-06	.000000
-4.69E-05	-0.000164	-3.79E-06	
296	-1.96E-07	-2.34E-05	.000000
-1.73E-05	-0.000194	-4.16E-06	
297	-0.000437	-0.000151	.000000
-2.97E-05	-0.000156	-5.94E-06	
298	-0.000136	-5.53E-05	.000000
-2.33E-05	-0.000254	-1.55E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000674	0.000253	3.43E-08
6.46E-05	0.001113	9.97E-06	
2	0.000673	0.000350	0.000740
7.54E-05	0.001072	9.42E-06	
3	0.000673	0.000288	0.002021
9.35E-05	0.000882	8.38E-06	
4	0.000674	0.000319	0.003168
0.000104	0.000623	6.37E-06	
5	0.000675	0.000336	0.004126
0.000112	0.000354	4.04E-06	
6	0.000676	0.000330	0.004829
0.000122	0.000136	1.96E-06	
7	0.000676	0.000300	0.005203
0.000130	1.51E-05	1.08E-06	
8	0.000677	0.000247	0.005168
0.000139	6.46E-05	1.97E-06	
9	0.000677	0.000177	0.004636
0.000135	0.000170	3.90E-06	
10	0.000677	0.000111	0.003526
0.000108	0.000294	6.73E-06	
11	0.000676	7.99E-05	0.001722
5.86E-05	0.000439	9.00E-06	
12	0.000676	8.78E-05	5.74E-08
5.29E-05	0.000546	8.86E-06	
13	0.000674	0.000114	0.002224
9.57E-05	0.000630	1.08E-05	
14	0.000673	0.000161	0.004709
0.000156	0.000651	1.12E-05	
15	0.000671	0.000208	0.006434
0.000184	0.000654	9.28E-06	
16	0.000670	0.000243	0.007484
0.000191	0.000393	6.86E-06	
17	0.000670	0.000259	0.007882
0.000187	0.000260	4.91E-06	
18	0.000672	0.000252	0.007677
0.000184	0.000184	3.75E-06	
19	0.000674	0.000222	0.007160
0.000180	0.000211	4.34E-06	
20	0.000676	0.000172	0.006069
0.000163	0.000305	5.73E-06	
21	0.000679	0.000112	0.004383
0.000124	0.000404	8.10E-06	
22	0.000682	7.27E-05	0.002046
5.59E-05	0.000538	1.03E-05	
23	0.000683	7.20E-05	1.06E-07
3.45E-05	0.000635	1.12E-05	
24	0.000685	9.00E-05	0.001894
7.00E-05	0.000707	1.31E-05	
25	0.000687	0.000145	0.004022
0.000132	0.000712	1.32E-05	
26	0.000689	0.000201	0.005516
0.000164	0.000612	1.10E-05	
27	0.000691	0.000245	0.006447
0.000175	0.000425	7.68E-06	
28	0.000693	0.000268	0.006827
0.000175	0.000271	5.16E-06	
29	0.000694	0.000268	0.006822
0.000174	0.000167	3.09E-06	
30	0.000698	0.000243	0.006439
0.000175	0.000170	2.30E-06	
31	0.000700	0.000198	0.005506
0.000163	0.000257	3.58E-06	
32	0.000703	0.000142	0.004011
0.000132	0.000359	5.90E-06	
33	0.000705	8.99E-05	0.001887
7.05E-05	0.000492	8.27E-06	
34	0.000707	7.32E-05	1.07E-07
3.54E-05	0.000590	9.50E-06	
35	0.000708	7.12E-05	0.002040
5.49E-05	0.000686	1.19E-05	
36	0.000708	0.000100	0.004372
0.000122	0.000681	1.24E-05	
37	0.000709	0.000153	0.006057
0.000161	0.000592	1.04E-05	
38	0.000709	0.000194	0.007148
0.000178	0.000417	7.38E-06	
39	0.000709	0.000214	0.007672
0.000182	0.000264	4.94E-06	
40	0.000707	0.000217	0.007878
0.000186	0.000167	2.91E-06	
41	0.000704	0.000195	0.007482
0.000191	0.000175	2.29E-06	
42	0.000700	0.000155	0.006434
0.000184	0.000278	4.14E-06	
43	0.000696	0.000110	0.004709
0.000156	0.000411	7.23E-06	
44	0.000692	7.67E-05	0.002224
9.63E-05	0.000575	1.06E-05	
45	0.000689	7.97E-05	5.44E-08
4.61E-05	0.000696	1.24E-05	
46	0.000686	0.000103	0.001722
5.28E-05	0.000793	1.51E-05	
47	0.000683	0.000166	0.003528
0.000104	0.000832	1.62E-05	
48	0.000681	0.000241	0.004640
0.000134	0.000754	1.51E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000680	0.000308	0.005174
0.000139	0.000578	1.22E-05	
50	0.000680	0.000356	0.005211
0.000132	0.000358	8.35E-06	
51	0.000680	0.000380	0.004838
0.000125	0.000213	4.78E-06	
52	0.000680	0.000379	0.004136
0.000116	0.000167	2.18E-06	
53	0.000680	0.000354	0.003178
0.000109	0.000204	1.26E-06	
54	0.000681	0.000314	0.002029
0.000100	0.000239	1.67E-06	
55	0.000681	0.000276	0.000743
8.36E-05	0.000261	2.57E-06	
56	0.000682	0.000262	3.61E-08
7.43E-05	0.000265	2.99E-06	
57	0.000558	0.000143	2.65E-08
3.95E-05	0.000799	5.78E-06	
58	0.000558	0.000140	0.000654
4.79E-05	0.000767	4.49E-06	
59	0.000558	0.000136	0.001785
6.96E-05	0.000630	1.66E-06	
60	0.000558	0.000123	0.002792
9.04E-05	0.000439	1.74E-06	
61	0.000558	0.000107	0.003621
0.000108	0.000231	1.84E-06	
62	0.000557	9.12E-05	0.004209
0.000123	6.97E-05	1.91E-06	
63	0.000556	7.65E-05	0.004490
0.000133	5.84E-06	1.97E-06	
64	0.000555	6.23E-05	0.004395
0.000136	7.45E-05	1.98E-06	
65	0.000554	5.34E-05	0.003864
0.000126	0.000165	2.05E-06	
66	0.000554	5.23E-05	0.002860
9.33E-05	0.000262	2.08E-06	
67	0.000553	6.18E-05	0.001350
2.96E-05	0.000358	2.76E-06	
68	0.000552	6.79E-05	3.65E-08
4.13E-05	0.000419	1.55E-06	
69	0.000552	6.87E-05	0.001784
0.000107	0.000461	2.36E-06	
70	0.000552	6.87E-05	0.003889
0.000170	0.000463	1.70E-06	
71	0.000551	6.95E-05	0.005432
0.000199	0.000396	9.10E-07	
72	0.000551	6.82E-05	0.006410
0.000205	0.000267	1.08E-06	
73	0.000551	6.46E-05	0.006805
0.000198	0.000164	1.68E-06	
74	0.000551	5.92E-05	0.006644
0.000190	0.000141	2.28E-06	
75	0.000551	5.24E-05	0.006125
0.000181	0.000193	2.89E-06	
76	0.000551	4.47E-05	0.005120
0.000161	0.000277	3.45E-06	
77	0.000551	4.05E-05	0.003618
0.000120	0.000356	4.24E-06	
78	0.000551	4.19E-05	0.001639
4.86E-05	0.000446	4.48E-06	
79	0.000551	4.89E-05	8.22E-08
6.55E-06	0.000499	5.23E-06	
80	0.000551	5.45E-05	0.001497
7.02E-05	0.000533	5.39E-06	
81	0.000551	5.99E-05	0.003281
0.000135	0.000525	2.72E-06	
82	0.000551	6.72E-05	0.004607
0.000168	0.000447	1.93E-06	
83	0.000551	7.25E-05	0.005468
0.000180	0.000301	1.26E-06	
84	0.000551	7.46E-05	0.005840
0.000181	0.000181	9.63E-07	
85	0.000550	7.34E-05	0.005839
0.000180	0.000124	9.66E-07	
86	0.000550	6.92E-05	0.005467
0.000179	0.000154	1.20E-06	
87	0.000550	6.26E-05	0.004606
0.000165	0.000230	1.78E-06	
88	0.000550	5.57E-05	0.003281
0.000132	0.000312	2.70E-06	
89	0.000550	5.16E-05	0.001497
6.84E-05	0.000402	3.17E-06	
90	0.000550	4.77E-05	8.18E-08
5.71E-06	0.000458	2.46E-06	
91	0.000550	4.05E-05	0.001640
4.87E-05	0.000498	2.38E-06	
92	0.000550	3.71E-05	0.003619
0.000119	0.000499	2.06E-06	
93	0.000551	3.66E-05	0.005120
0.000159	0.000434	1.63E-06	
94	0.000551	3.90E-05	0.006126
0.000180	0.000307	1.16E-06	
95	0.000551	4.07E-05	0.006645
0.000189	0.000183	8.66E-07	
96	0.000551	4.05E-05	0.006806
0.000197	0.000120	8.15E-07	
97	0.000551	3.89E-05	0.006411
0.000204	0.000157	1.14E-06	
98	0.000551	3.70E-05	0.005432
0.000198	0.000249	1.99E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000551	3.75E-05	0.003889
0.000169	0.000358	3.21E-06	
100	0.000550	4.34E-05	0.001784
0.000105	0.000473	4.08E-06	
101	0.000549	4.90E-05	4.31E-08
3.52E-05	0.000547	3.64E-06	
102	0.000549	5.37E-05	0.001350
3.20E-05	0.000604	4.32E-06	
103	0.000548	6.33E-05	0.002861
9.38E-05	0.000626	4.39E-06	
104	0.000548	7.88E-05	0.003865
0.000126	0.000571	4.18E-06	
105	0.000547	9.59E-05	0.004395
0.000136	0.000443	3.86E-06	
106	0.000546	0.000113	0.004490
0.000133	0.000269	3.44E-06	
107	0.000546	0.000128	0.004209
0.000123	0.000152	3.05E-06	
108	0.000546	0.000141	0.003620
0.000107	0.000136	2.73E-06	
109	0.000545	0.000151	0.002790
8.84E-05	0.000178	2.17E-06	
110	0.000545	0.000156	0.001782
6.57E-05	0.000212	1.77E-06	
111	0.000545	0.000153	0.000652
4.05E-05	0.000232	4.02E-06	
112	0.000545	0.000151	2.11E-08
2.87E-05	0.000236

143	0.000407	5.32E-05	0.003736
0.000123	0.000203	7.51E-06	
144	0.000405	4.72E-05	0.002582
9.31E-05	0.000266	8.15E-06	
145	0.000403	3.39E-05	0.001129
4.51E-05	0.000317	7.25E-06	
146	0.000402	3.11E-05	8.70E-08
1.76E-05	0.000335	5.90E-06	
147	0.000402	4.33E-05	0.001263
3.22E-05	0.000340	4.35E-06	
148	0.000402	5.47E-05	0.002897
8.21E-05	0.000225	2.38E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000402	5.85E-05	0.004213
0.000118	0.000276	1.19E-06	
150	0.000402	5.76E-05	0.005130
0.000139	0.000191	1.20E-06	
151	0.000402	5.43E-05	0.005639
0.000150	0.000104	1.97E-06	
152	0.000404	5.02E-05	0.005758
0.000157	8.18E-05	4.00E-06	
153	0.000406	4.99E-05	0.005366
0.000159	0.000144	6.36E-06	
154	0.000409	4.89E-05	0.004460
0.000147	0.000225	7.97E-06	
155	0.000412	4.47E-05	0.003102
0.000117	0.000310	8.41E-06	
156	0.000415	3.47E-05	0.001366
6.49E-05	0.000378	7.26E-06	
157	0.000417	3.08E-05	7.34E-08
2.30E-05	0.000408	5.77E-06	
158	0.000419	4.34E-05	0.001001
2.35E-05	0.000424	4.15E-06	
159	0.000420	5.39E-05	0.002226
6.01E-05	0.000421	2.08E-06	
160	0.000420	5.57E-05	0.003117
8.80E-05	0.000376	5.83E-07	
161	0.000420	5.17E-05	0.003640
0.000102	0.000286	2.98E-07	
162	0.000420	4.45E-05	0.003788
0.000106	0.000162	1.45E-06	
163	0.000419	3.60E-05	0.003596
0.000102	8.07E-05	3.97E-06	
164	0.000418	2.80E-05	0.003116
9.40E-05	0.000113	7.45E-06	
165	0.000417	2.19E-05	0.002412
8.20E-05	0.000153	1.04E-05	
166	0.000416	2.90E-05	0.001543
6.80E-05	0.000183	1.24E-05	
167	0.000415	8.31E-06	0.000564
5.69E-05	0.000200	1.32E-05	
168	0.000415	0.000118	5.81E-08
5.28E-05	0.000613	1.28E-05	
169	0.000618	0.000185	8.60E-05
5.88E-05	0.001069	0.000125	
170	0.000618	0.000195	0.000699
5.38E-05	0.001084	0.000105	
171	0.000617	0.000214	0.001907
8.67E-05	0.000966	0.000110	
172	0.000613	0.000227	0.002987
9.44E-05	0.000751	8.99E-05	
173	0.000616	0.000229	0.003884
0.000110	0.000519	7.28E-05	
174	0.000616	0.000217	0.004535
0.000124	0.000335	5.86E-05	
175	0.000616	0.000190	0.004869
0.000137	0.000236	5.09E-05	
176	0.000616	0.000152	0.004811
0.000146	0.000277	4.85E-05	
177	0.000615	0.000111	0.004285
0.000148	0.000364	4.94E-05	
178	0.000615	7.05E-05	0.003228
0.000142	0.000467	5.48E-05	
179	0.000613	5.55E-05	0.001559
9.54E-05	0.000501	5.48E-05	
180	0.000613	6.83E-05	7.58E-05
9.16E-05	0.000581	5.60E-05	
181	0.000612	8.75E-05	0.002043
0.000160	0.000727	6.83E-05	
182	0.000611	0.000117	0.004346
0.000206	0.000775	7.56E-05	
183	0.000610	0.000145	0.005978
0.000215	0.000708	7.00E-05	
184	0.000609	0.000164	0.006986
0.000210	0.000561	6.05E-05	
185	0.000609	0.000170	0.007377
0.000199	0.000450	5.31E-05	
186	0.000610	0.000163	0.007190
0.000192	0.000393	5.34E-05	
187	0.000611	0.000142	0.006677
0.000189	0.000414	6.10E-05	
188	0.000613	0.000110	0.005631
0.000179	0.000492	6.98E-05	
189	0.000612	7.24E-05	0.004035
0.000155	0.000574	7.96E-05	
190	0.000616	4.45E-05	0.001865
9.87E-05	0.000595	8.09E-05	
191	0.000617	4.75E-05	4.89E-05
6.21E-05	0.000665	8.20E-05	
192	0.000618	6.60E-05	0.001722
0.000119	0.000802	9.78E-05	
193	0.000619	0.000105	0.003689
0.000169	0.000837	0.000108	
194	0.000620	0.000140	0.005100
0.000184	0.000759	0.000101	
195	0.000621	0.000167	0.005992
0.000187	0.000600	8.88E-05	
196	0.000621	0.000181	0.006364
0.000183	0.000466	7.26E-05	
197	0.000622	0.000180	0.006361
0.000182	0.000380	5.88E-05	
198	0.000623	0.000164	0.005986
0.000185	0.000377	4.70E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000624	0.000136	0.005093
0.000182	0.000447	3.83E-05	
200	0.000625	0.000101	0.003681
0.000166	0.000528	3.30E-05	
201	0.000625	6.40E-05	0.001717
0.000117	0.000547	2.68E-05	
202	0.000626	4.75E-05	4.94E-05
6.20E-05	0.000620	2.89E-05	
203	0.000627	4.29E-05	0.001864
9.76E-05	0.000763	4.13E-05	
204	0.000628	6.60E-05	0.004031
0.000153	0.000809	5.29E-05	
205	0.000629	9.51E-05	0.005625
0.000176	0.000745	5.74E-05	
206	0.000629	0.000120	0.006672
0.000186	0.000599	5.92E-05	
207	0.000630	0.000135	0.007188
0.000190	0.000465	6.03E-05	
208	0.000629	0.000135	0.007375
0.000198	0.000378	6.33E-05	
209	0.000628	0.000123	0.006984
0.000209	0.000380	7.07E-05	
210	0.000626	0.000101	0.005976
0.000215	0.000465	7.94E-05	
211	0.000624	7.53E-05	0.004344
0.000207	0.000571	8.85E-05	
212	0.000621	5.08E-05	0.002039
0.000160	0.000616	8.81E-05	
213	0.000619	5.02E-05	5.35E-05
9.17E-05	0.000709	8.79E-05	
214	0.000617	6.92E-05	0.001559
9.63E-05	0.000873	0.000104	
215	0.000615	0.000114	0.003228
0.000142	0.000943	0.000115	
216	0.000614	0.000164	0.004286
0.000148	0.000890	0.000107	
217	0.000613	0.000209	0.004812
0.000146	0.000744	9.15E-05	
218	0.000612	0.000243	0.004870
0.000138	0.000556	7.26E-05	
219	0.000612	0.000264	0.004536
0.000126	0.000426	5.54E-05	
220	0.000609	0.000269	0.003883
0.000112	0.000372	4.66E-05	
221	0.000612	0.000259	0.002983
9.66E-05	0.000388	4.38E-05	
222	0.000613	0.000237	0.001897
8.86E-05	0.000405	4.28E-05	
223	0.000613	0.000209	0.000681
5.35E-05	0.000329	3.34E-05	
224	0.000614	0.000194	8.82E-05
5.61E-05	0.000266	3.90E-05	
225	0.000493	0.000128	5.82E-05
5.84E-05	0.000658	0.000105	
226	0.000493	0.000106	0.000612
3.72E-05	0.000617	8.36E-05	
227	0.000493	8.38E-05	0.001663
6.53E-05	0.000503	9.25E-05	
228	0.000493	2.98E-05	0.002596
8.59E-05	0.000354	7.77E-05	
229	0.000492	2.61E-05	0.003358
0.000103	0.000184	6.22E-05	
230	0.000491	3.46E-05	0.003885
0.000117	4.65E-05	4.73E-05	
231	0.000490	4.49E-05	0.004114
0.000128	1.28E-05	3.87E-05	
232	0.000489	5.49E-05	0.003984
0.000134	8.31E-05	3.73E-05	
233	0.000488	6.23E-05	0.003449
0.000132	0.000166	4.06E-05	
234	0.000487	6.55E-05	0.002501
0.000116	0.000248	4.51E-05	
235	0.000487	6.33E-05	0.001148
7.30E-05	0.000319	4.56E-05	
236	0.000487	5.71E-05	5.06E-05
6.91E-05	0.000356	4.40E-05	
237	0.000487	4.58E-05	0.001534
0.000138	0.000379	4.95E-05	
238	0.000487	2.50E-05	0.003440
0.000187	0.000372	5.35E-05	
239	0.000488	1.58E-05	0.004890
0.000201	0.000315	4.87E-05	
240	0.000489	1.72E-05	0.005837
0.000199	0.000211	4.13E-05	
241	0.000489	2.15E-05	0.006237
0.000189	0.000119	3.82E-05	
242	0.000489	2.76E-05	0.006100
0.000182	0.000124	4.33E-05	
243	0.000488	3.41E-05	0.005579
0.000177	0.000187	5.32E-05	
244	0.000487	5.97E-05	0.004615
0.000165	0.000265	6.26E-05	
245	0.000486	4.32E-05	0.003209
0.000140	0.000334	7.17E-05	
246	0.000485	4.32E-05	0.001422
8.62E-05	0.000398	7.40E-05	
247	0.000485	4.16E-05	4.04E-05
5.04E-05	0.000429	7.19E-05	
248	0.000484	3.78E-05	0.001281
0.000103	0.000446	8.05E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000483	3.51E-05	0.002882
0.000152	0.000430	8.68E-05	
250	0.000483	3.50E-05	0.004121
0.000170	0.000364	8.07E-05	
251	0.000482	3.49E-05	0.004950
0.000175	0.000248	6.93E-05	
252	0.000481	3.46E-05	0.005321
0.000173	0.000138	5.50E-05	
253	0.000481	3.55E-05	0.005323
0.000172	0.000106	4.38E-05	
254	0.000480	3.68E-05	0.004954
0.000174	0.000149	3.21E-05	
255	0.000479	3.72E-05	0.004127
0.000168	0.000220	2.32E-05	
256	0.000479	3.61E-05	0.002889
0.000150	0.000291	1.79E-05	
257	0.000478	3.57E-05	0.001286
0.000102	0.000355	1.57E-05	
258	0.000478	3.79E-05	4.09E-05
5.04E-05	0.000389	1.65E-05	
259	0.000477	4.03E-05	0.001424
8.46E-05	0.000410	2.11E-05	
260	0.000477	4.16E-05	0.003215
0.000198	0.000403	2.91E-05	
261	0.000476	4.02E-05	0.004621
0.000162	0.000350	3.50E-05	
262	0.000476	3.71E-05	0.005585
0.000175	0.000247	4.06E-05	
263	0.000476	3.34E-05	0.006105
0.000180	0.000142	4.62E-05	
264	0.000477	3.01E-05	0.006241
0.000189	0.000101	5.12E-05	
265	0.000478	2.90E-05	0.005840
0.000199	0.000153	5.97E-05	
266	0.000479	3.03E-05	0.004892
0.000200	0.000239	6.82E-05	
267	0.000481	3.23E-05	0.003442
0.000187	0.000333	7.58E-05	
268	0.000482	3.41E-05	0.001537
0.000139	0.000418	7.60E-05	
269	0.000483	3.72E-05	3.69E-05
6.90E-05	0.000466	7.27E-05	
270	0.000483	4.14E-05	0.001148
7.15E-05	0.000503	8.10E-05	
271	0.000483	4.35E-05	0.002501
0.000116	0.000514	8.62E-05	
272	0.000483	4.21E-05	0.003449
0.000132	0.000468	7.89E-05	
273	0.000483	3.88E-05	0.003983
0.000134	0.000363	6.68E-05	
274	0.000483	3.47E-05	0.004113
0.000128	0.000217	5.14E-05	
275	0.000482	3.07E-05	0.003885
0.000118	0.000117	3.85E-05	
276	0.000481	3.20E-05	0.003359
0.000103	0.000126	3.58E-05	
277	0.000481	4.70E-05	0.002599
8.56E-05	0.000168	3.51E-05	
278	0.000480	7.88E-05	0.001669
6.46E-05	0.000199	3.50E-05	
279	0.000479	0.000116	0.000625
3.79E-05	0.000217	2.93E-05	
280	0.000479	0.000135	6.26E-05
6.14E-05	0.000221	3.59E-05	
281	0.000894	2.38E-05	.000000
7.71E-05	0.001115	9.97E-06	
282	0.001048	3.29E-05	.000000
4.41E-05	0.000546	8.86E-06	
283	0.001273	.000000	.000000
3.45E-05	0.000635	1.12E-05	
284	.000000	.000000	.000000
1.85E-05	0.000590	9.50E-06	
285	0.001312	6.83E-05	.000000
-3.34E-22	0.000696	1.24E-05	
286	0.001312	2.61E-05	.000000
6.50E-05	0.000267	2.99E-06	
287	0.000753	7.17E-05	.000000
6.88E-05	0.000753	5.78E-06	
288	0.000788	1.76E-05	.000000
4.00E-05	0.000419	1.55E-06	
289	0.001013	.000000	.000000
6.54E-06	0.000499	3.23E-06	
290	.000000	.000000	.000000
-3.23E-22	0.000458	2.04E-06	
291	0.001035	5.39E-05	.000000
-3.69E-21	0.000546	3.64E-06	
292	0.000916	7.13E-05	.000000
-1.46E-21	0.000237	4.82E-06	
293	0.000605	3.06E-05	.000000
7.79E-05	0.000501	3.08E-06	
294	0.000553	3.08E-05	.000000
4.19E-05	0.000298	5.73E-06	
295	0.000762	2.83E-05	.000000
7.07E-05	0.000364	6.10E-06	
296	1.13E-06	3.83E-05	.000000
8.43E-06	0.000335	5.90E-06	
297	0.000732	0.000219	.000000
1.96E-21	0.000395	5.77E-06	
298	0.000511	0.000148	.000000
5.75E-08	0.000207	1.33E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000717	-7.19E-05	-4.16E-07
-0.000241	-0.000265	-2.85E-06	
2	-0.000718	-5.62E-05	-0.003108
-0.000320	-0.000261	-2.16E-06	
3	-0.000722	-4.33E-05	-0.008227
-0.000470	-0.000239	-7.72E-07	
4	-0.000726	-4.25E-05	-0.012237
-0.000574	-0.000204	-7.32E-07	
5	-0.000729	-4.17E-05	-0.014898
-0.000622	-0.000168	-2.37E-06	
6	-0.000731	-4.02E-05	-0.016036
-0.000621	-0.000213	-5.38E-06	
7	-0.000730	-3.72E-05	-0.015578
-0.000571	-0.000359	-9.26E-06	
8	-0.000728	-3.09E-05	-0.013642
-0.000482	-0.000578	-1.32E-05	
9	-0.000725	-1.86E-05	-0.010512
-0.000359	-0.000753	-1.61E-05	
10	-0.000721	-1.95E-05	-0.006649
-0.000218	-0.000832	-1.75E-05	
11	-0.000718	-4.06E-05	-0.002605
-9.28E-05	-0.000793	-1.59E-05	
12	-0.000716	-5.66E-05	-9.36E-07
-7.74E-05	-0.000696	-1.17E-05	
13	-0.000715	-8.04E-05	-0.002088
-0.000146	-0.000575	-9.28E-06	
14	-0.000714	-0.000109	-0.005389
-0.000273	-0.000411	-5.80E-06	
15	-0.000714	-0.000126	-0.008541
-0.000386	-0.000279	-2.73E-06	
16	-0.000715	-0.000131	-0.011033
-0.000465	-0.000175	-1.47E-06	
17	-0.000716	-0.000126	-0.012420
-0.000499	-0.000167	-2.79E-06	
18	-0.000718	-0.000114	-0.012475
-0.000487	-0.000263	-5.28E-06	
19	-0.000719	-9.56E-05	-0.011185
-0.000433	-0.000417	-8.47E-06	
20	-0.000722	-7.15E-05	-0.008753
-0.000339	-0.000592	-1.19E-05	
21	-0.000724	-4.42E-05	-0.005599
-0.000218	-0.000682	-1.37E-05	
22	-0.000727	-3.61E-05	-0.002210
-9.16E-05	-0.000668	-1.31E-05	
23	-0.000727	-4.14E-05	-9.02E-07
-6.00E-05	-0.000592	-1.05E-05	
24	-0.000731	-4.22E-05	-0.002362
-0.000120	-0.000493	-8.79E-06	
25	-0.000733	-6.10E-05	-0.005962
-0.000249	-0.000359	-6.05E-06	
26	-0.000736	-8.06E-05	-0.009308
-0.000368	-0.000256	-3.52E-06	
27	-0.000739	-9.16E-05	-0.011903
-0.000455	-0.000170	-2.12E-06	
28	-0.000742	-9.49E-05	-0.013306
-0.000499	-0.000167	-3.04E-06	
29	-0.000744	-9.30E-05	-0.013303
-0.000499	-0.000271	-5.29E-06	
30	-0.000747	-8.89E-05	-0.011896
-0.000455	-0.000425	-7.88E-06	
31	-0.000750	-7.77E-05	-0.009299
-0.000367	-0.000612	-1.10E-05	
32	-0.000753	-5.87E-05	-0.005953
-0.000249	-0.000712	-1.30E-05	
33	-0.000757	-4.27E-05	-0.002356
-0.000120	-0.000705	-1.26E-05	
34	-0.000759	-4.24E-05	-9.02E-07
-6.10E-05	-0.000632	-1.02E-05	
35	-0.000759	-3.49E-05	-0.002203
-9.06E-05	-0.000536	-8.92E-06	
36	-0.000759	-3.20E-05	-0.005587
-0.000215	-0.000404	-6.02E-06	
37	-0.000759	-5.02E-05	-0.008740
-0.000336	-0.000305	-4.12E-06	
38	-0.000759	-6.60E-05	-0.011173
-0.000431	-0.000211	-2.80E-06	
39	-0.000758	-7.60E-05	-0.012464
-0.000485	-0.000184	-3.36E-06	
40	-0.000757	-7.98E-05	-0.012412
-0.000497	-0.000260	-5.25E-06	
41	-0.000756	-7.64E-05	-0.011028
-0.000464	-0.000392	-7.53E-06	
42	-0.000755	-6.50E-05	-0.008538
-0.000385	-0.000564	-1.05E-05	
43	-0.000753	-4.87E-05	-0.005388
-0.000273	-0.000650	-1.22E-05	
44	-0.000750	-3.72E-05	-0.002088
-0.000146	-0.000630	-1.17E-05	
45	-0.000747	-4.57E-05	-9.33E-07
-7.17E-05	-0.000546	-9.65E-06	
46	-0.000744	-4.65E-05	-0.002605
-8.48E-05	-0.000439	-8.53E-06	
47	-0.000739	-6.00E-05	-0.006650
-0.000211	-0.000295	-5.89E-06	
48	-0.000734	-7.84E-05	-0.010515
-0.000357	-0.000171	-3.27E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000730	-8.90E-05	-0.013647
-0.000482	-8.51E-05	-1.44E-06	
50	-0.000727	-9.30E-05	-0.015584
-0.000572	-1.46E-05	-7.77E-07	
51	-0.000726	-9.28E-05	-0.016044
-0.000623	-0.000136	-2.07E-06	
52	-0.000726	-8.99E-05	-0.014906
-0.000626	-0.000353	-4.65E-06	
53	-0.000729	-8.51E-05	-0.012244
-0.000578	-0.000527	-7.61E-06	
54	-0.000733	-7.85E-05	-0.008233
-0.000476	-0.000882	-9.80E-06	
55	-0.000737	-7.99E-05	-0.003111
-0.000327	-0.001072	-1.03E-05	
56	-0.000739	-8.93E-05	-4.18E-07
-0.000249	-0.001113	-1.42E-05	
57	-0.000617	-3.09E-05	-1.83E-07
-0.000168	-0.000236	-5.42E-06	
58	-0.000618	-2.74E-05	-0.002221
-0.000275	-0.000232	-4.54E-06	
59	-0.000619	-2.08E-05	-0.005924
-0.000496	-0.000211	-2.69E-06	
60	-0.000618	-1.42E-05	-0.008884
-0.000660	-0.000178	-3.53E-06	
61	-0.000616	-8.19E-06	-0.010890
-0.000751	-0.000136	-4.12E-06	
62	-0.000614	-6.37E-06	-0.011783
-0.000769	-0.000152	-4.41E-06	
63	-0.000612	-6.79E-06	-0.011499
-0.000718	-0.000268	-4.56E-06	
64	-0.000610	-7.81E-06	-0.010112
-0.000605	-0.000443	-4.66E-06	
65	-0.000608	-9.69E-06	-0.007834
-0.000447	-0.000571	-4.57E-06	
66	-0.000606	-1.44E-05	-0.005000
-0.000263	-0.000626	-4.35E-06	
67	-0.000604	-2.99E-05	-0.001993
-8.54E-05	-0.000603	-4.01E-06	
68	-0.000603	-4.12E-05	-4.11E-07
-6.04E-05	-0.000546	-3.12E-06	
69	-0.000602	-4.95E-05	-0.001556
-0.000151	-0.000472	-4.13E-06	
70	-0.000601	-5.82E-05	-0.003949
-0.000310	-0.000358	-2.90E-06	
71	-0.000601	-6.28E-05	-0.006217
-0.000460	-0.000249	-1.31E-06	
72	-0.000600	-6.24E-05	-0.008010
-0.000571	-0.000157	-1.08E-06	
73	-0.000600	-5.75E-05	-0.009015
-0.000627	-0.000120	-1.45E-06	
74	-0.000600	-4.96E-05	-0.009064
-0.000618	-0.000183	-1.86E-06	
75	-0.000600	-3.96E-05	-0.008146
-0.000546	-0.000307	-2.33E-06	
76	-0.000600	-2.79E-05	-0.006404
-0.000423	-0.000434	-2.72E-06	
77	-0.000601	-1.56E-05	-0.004133
-0.000267	-0.000499	-2.97E-06	
78	-0.000601	-5.44E-06	-0.001662
-0.000106	-0.000498	-3.03E-06	
79	-0.000601	-7.85E-06	-4.00E-07
-4.08E-05	-0.000458	-2.65E-06	
80	-0.000601	-1.45E-05	-0.001806
-0.000134	-0.000402	-3.45E-06	
81	-0.000601	-2.29E-05	-0.004478
-0.000296	-0.000312	-2.76E-06	
82	-0.000601	-2.97E-05	-0.006933
-0.000449	-0.000230	-1.67E-06	
83	-0.000600	-3.41E-05	-0.008830
-0.000567	-0.000154	-9.68E-07	
84	-0.000600	-3.56E-05	-0.009857
-0.000630	-0.000124	-8.71E-07	
85	-0.000600	-3.42E-05	-0.009857
-0.000630	-0.000181	-1.12E-06	
86	-0.000599	-3.10E-05	-0.008830
-0.000566	-0.000307	-1.55E-06	
87	-0.000599	-2.59E-05	-0.006933
-0.000447	-0.000447	-2.11E-06	
88	-0.000599	-1.91E-05	-0.004478
-0.000294	-0.000525	-2.59E-06	
89	-0.000599	-1.18E-05	-0.001806
-0.000132	-0.000533	-2.93E-06	
90	-0.000599	-6.85E-06	-4.00E-07
-3.98E-05	-0.000499	-2.57E-06	
91	-0.000599	-3.20E-06	-0.001662
-0.000107	-0.000475	-3.75E-06	
92	-0.000599	-9.08E-06	-0.004133
-0.000266	-0.000356	-3.21E-06	
93	-0.000599	-1.62E-05	-0.006404
-0.000421	-0.000277	-2.21E-06	
94	-0.000600	-2.21E-05	-0.008146
-0.000544	-0.000193	-1.47E-06	
95	-0.000599	-2.59E-05	-0.009064
-0.000616	-0.000141	-1.08E-06	
96	-0.000600	-2.71E-05	-0.009015
-0.000625	-0.000164	-9.47E-07	
97	-0.000600	-2.56E-05	-0.008011
-0.000570	-0.000267	-1.11E-06	
98	-0.000599	-2.22E-05	-0.006217
-0.000459	-0.000396	-1.57E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000599	-1.72E-05	-0.003949
-0.000310	-0.000463	-2.14E-06	
100	-0.000598	-1.33E-05	-0.001556
-0.000150	-0.000461	-2.50E-06	
101	-0.000597	-1.34E-05	-4.20E-07
-5.65E-05	-0.000419	-2.46E-06	
102	-0.000596	-1.63E-05	-0.001994
-8.91E-05	-0.000358	-2.85E-06	
103	-0.000595	-2.14E-05	-0.005001
-0.000264	-0.000262	-2.52E-06	
104	-0.000593	-2.70E-05	-0.007835
-0.000448	-0.000165	-1.69E-06	
105	-0.000592	-3.26E-05	-0.010112
-0.000606	-7.46E-05	-1.48E-06	
106	-0.000590	-3.77E-05	-0.011499
-0.000718	-5.88E-06	-1.20E-06	
107	-0.000589	-4.20E-05	-0.011782
-0.000769	-6.99E-05	-9.77E-07	
108	-0.000588	-4.51E-05	-0.010889
-0.000750	-0.000232	-8.98E-07	
109	-0.000587	-4.72E-05	-0.008882
-0.000659	-0.000439	-8.70E-07	
110	-0.000586	-4.89E-05	-0.005921
-0.000493	-0.000630	-1.38E-06	
111	-0.000586	-5.09E-05	-0.002219
-0.000269	-0.000707	-4.95E-06	
112	-0.000587	-5.24E-05	-1.79E-07
-0.000159	-0.000800	-6.08E-06	
113	-0.000495	-2.45E-05	-5.35E-09
-0.000159	-0.000204	-1.48E-05	
114	-0.000492	-1.89E-05	-0.001393
-0.000223	-0.000201	-1.48E-05	
115	-0.000481	-1.78E

144	-0.000452	-4.86E-05	-0.003121
-0.000193	-0.000353	-2.87E-06	
145	-0.000450	-1.32E-05	-0.001298
-8.90E-05	-0.000375	-4.80E-06	
146	-0.000448	-8.28E-05	-2.40E-08
-4.23E-05	-0.000373	-6.29E-06	
147	-0.000449	-2.75E-05	-0.001164
-7.14E-05	-0.000356	-7.58E-06	
148	-0.000449	-6.45E-05	-0.002796
-0.000173	-0.000306	-8.37E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000450	-0.000102	-0.004248
-0.000274	-0.000245	-7.62E-06	
150	-0.000452	-0.000132	-0.005345
-0.000356	-0.000172	-5.92E-06	
151	-0.000453	-0.000147	-0.005911
-0.000403	-0.000107	-3.72E-06	
152	-0.000454	-0.000144	-0.005863
-0.000409	-8.93E-05	-2.15E-06	
153	-0.000455	-0.000125	-0.005216
-0.000373	-0.000168	-1.64E-06	
154	-0.000457	-9.35E-05	-0.004072
-0.000300	-0.000251	-1.63E-06	
155	-0.000458	-5.57E-05	-0.002626
-0.000203	-0.000298	-2.56E-06	
156	-0.000459	-2.11E-05	-0.001067
-0.000102	-0.000309	-4.27E-06	
157	-0.000460	-1.12E-05	-2.37E-08
-4.97E-05	-0.000299	-5.67E-06	
158	-0.000462	-2.93E-05	-0.001426
-7.30E-05	-0.000277	-6.95E-06	
159	-0.000464	-6.37E-05	-0.003468
-0.000187	-0.000223	-7.83E-06	
160	-0.000466	-9.88E-05	-0.005335
-0.000313	-0.000153	-7.15E-06	
161	-0.000468	-0.000126	-0.006806
-0.000423	-7.77E-05	-5.50E-06	
162	-0.000469	-0.000138	-0.007667
-0.000501	-1.14E-05	-3.36E-06	
163	-0.000469	-0.000133	-0.007787
-0.000538	-3.36E-05	-2.24E-06	
164	-0.000466	-0.000108	-0.007126
-0.000527	-0.000157	-2.19E-06	
165	-0.000463	-6.73E-05	-0.005743
-0.000469	-0.000294	-2.18E-06	
166	-0.000458	-2.48E-05	-0.003772
-0.000364	-0.000409	-2.18E-06	
167	-0.000452	-2.96E-05	-0.001393
-0.000227	-0.000480	-2.19E-06	
168	-0.000449	-3.50E-05	-8.53E-09
-0.000164	-0.000495	-2.19E-06	
169	-0.000674	-3.76E-05	-0.000105
-5.96E-05	-0.000563	-2.19E-06	
170	-0.000675	-3.53E-05	-0.002672
-0.000263	-0.000326	-4.83E-05	
171	-0.000676	-3.15E-05	-0.007152
-0.000548	-0.000404	-5.96E-05	
172	-0.000676	-2.78E-05	-0.010689
-0.000716	-0.000388	-5.85E-05	
173	-0.000676	-2.38E-05	-0.013076
-0.000802	-0.000371	-5.89E-05	
174	-0.000674	-1.94E-05	-0.014115
-0.000810	-0.000426	-6.29E-05	
175	-0.000672	-1.42E-05	-0.013731
-0.000750	-0.000556	-7.21E-05	
176	-0.000669	-9.64E-06	-0.012026
-0.000630	-0.000745	-8.56E-05	
177	-0.000666	-9.07E-06	-0.009277
-0.000461	-0.000891	-9.50E-05	
178	-0.000663	-9.65E-06	-0.005887
-0.000266	-0.000943	-9.87E-05	
179	-0.000660	-1.82E-05	-0.002314
-6.68E-05	-0.000874	-8.62E-05	
180	-0.000658	-4.00E-05	-9.07E-05
-2.46E-05	-0.000709	-6.85E-05	
181	-0.000657	-6.30E-05	-0.001852
-0.000140	-0.000616	-6.39E-05	
182	-0.000656	-8.53E-05	-0.004742
-0.000321	-0.000571	-6.14E-05	
183	-0.000655	-9.64E-05	-0.007489
-0.000484	-5.34E-05	-5.78E-05	
184	-0.000656	-9.83E-05	-0.009679
-0.000602	-0.000380	-4.79E-05	
185	-0.000657	-9.31E-05	-0.010906
-0.000656	-0.000379	-4.87E-05	
186	-0.000658	-8.22E-05	-0.010958
-0.000644	-5.68E-05	-4.98E-05	
187	-0.000659	-6.68E-05	-0.009823
-0.000569	-0.000599	-7.50E-05	
188	-0.000660	-4.71E-05	-0.007688
-0.000434	-0.000745	-8.88E-05	
189	-0.000662	-2.45E-05	-0.004937
-0.000263	-0.000810	-9.67E-05	
190	-0.000663	-8.70E-06	-0.001962
-8.15E-05	-0.000764	-8.97E-05	
191	-0.000664	-1.14E-05	-7.72E-05
-1.75E-05	-0.000621	-7.65E-05	
192	-0.000666	-2.14E-05	-0.002115
-0.000112	-0.000548	-7.74E-05	
193	-0.000667	-4.26E-05	-0.005295
-0.000293	-0.000528	-7.96E-05	
194	-0.000668	-5.69E-05	-0.008233
-0.000461	-0.000446	-7.31E-05	
195	-0.000669	-6.45E-05	-0.010525
-0.000586	-0.000377	-6.73E-05	
196	-0.000670	-6.67E-05	-0.011771
-0.000649	-0.000380	-6.28E-05	
197	-0.000671	-6.48E-05	-0.011769
-0.000648	-0.000466	-6.21E-05	
198	-0.000672	-6.09E-05	-0.010521
-0.000585	-0.000601	-6.21E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000673	-5.26E-05	-0.008227
-0.000459	-0.000760	-6.07E-05	
200	-0.000674	-3.88E-05	-0.005288
-0.000291	-0.000837	-5.62E-05	
201	-0.000675	-2.00E-05	-0.002110
-0.000110	-0.000802	-4.44E-05	
202	-0.000676	-1.15E-05	-7.81E-05
-1.75E-05	-0.000664	-3.18E-05	
203	-0.000677	-6.67E-06	-0.001961
-8.04E-05	-0.000594	-2.98E-05	
204	-0.000678	-1.68E-05	-0.004932
-0.000261	-0.000574	-3.56E-05	
205	-0.000678	-3.00E-05	-0.007681
-0.000432	-0.000492	-4.00E-05	
206	-0.000678	-4.21E-05	-0.009817
-0.000567	-0.000414	-4.76E-05	
207	-0.000678	-4.97E-05	-0.010953
-0.000642	-0.000393	-5.84E-05	
208	-0.000678	-5.27E-05	-0.010902
-0.000655	-0.000450	-7.19E-05	
209	-0.000678	-5.09E-05	-0.009676
-0.000602	-0.000561	-8.80E-05	
210	-0.000677	-4.52E-05	-0.007488
-0.000484	-0.000708	-0.000100	
211	-0.000675	-3.35E-05	-0.004741
-0.000321	-0.000774	-0.000105	
212	-0.000673	-1.62E-05	-0.001851
-0.000140	-0.000727	-9.43E-05	
213	-0.000672	-1.57E-05	-7.34E-05
-2.57E-05	-0.000581	-7.77E-05	
214	-0.000670	-2.33E-05	-0.002318
-6.82E-05	-0.000501	-7.54E-05	
215	-0.000666	-3.96E-05	-0.005890
-0.000266	-0.000467	-7.27E-05	
216	-0.000662	-5.33E-05	-0.009280
-0.000462	-0.000364	-6.27E-05	
217	-0.000659	-6.17E-05	-0.012029
-0.000631	-0.000277	-5.48E-05	
218	-0.000656	-6.62E-05	-0.013732
-0.000751	-0.000236	-4.95E-05	
219	-0.000655	-6.80E-05	-0.014116
-0.000812	-0.000335	-4.91E-05	
220	-0.000654	-6.78E-05	-0.013075
-0.000804	-0.000519	-5.85E-05	
221	-0.000727	-7.61E-04	-0.010685
-0.000718	-0.000752	-7.31E-05	
222	-0.000655	-6.32E-05	-0.007143
-0.000550	-0.000967	-9.16E-05	
223	-0.000657	-5.95E-05	-0.002658
-0.000263	-0.001086	-8.83E-05	
224	-0.000658	-5.75E-05	-0.000110
-5.64E-05	-0.001072	-8.61E-04	
225	-0.000555	-2.63E-05	-6.20E-05
-7.32E-06	-0.000223	-5.92E-05	
226	-0.000554	-2.11E-05	-0.001798
-0.000183	-0.000218	-4.80E-05	
227	-0.000551	-1.31E-05	-0.004744
-0.000248	-0.000200	-5.60E-05	
228	-0.000547	-8.41E-06	-0.007138
-0.000612	-0.000168	-5.38E-05	
229	-0.000544	-3.04E-05	-0.008788
-0.000699	-0.000126	-5.11E-05	
230	-0.000541	-5.57E-05	-0.009541
-0.000715	-0.000117	-4.81E-05	
231	-0.000540	-7.19E-05	-0.009353
-0.000666	-0.000217	-4.81E-05	
232	-0.000538	-7.75E-05	-0.008265
-0.000559	-0.000363	-5.83E-05	
233	-0.000538	-7.26E-05	-0.006439
-0.000406	-0.000468	-6.70E-05	
234	-0.000538	-6.05E-05	-0.004152
-0.000226	-0.000514	-3.97E-05	
235	-0.000538	-4.67E-05	-0.001691
-5.17E-05	-0.000503	-6.41E-05	
236	-0.000538	-4.01E-05	-5.42E-05
-5.95E-06	-0.000466	-5.48E-05	
237	-0.000538	-3.60E-05	-0.001282
-0.000100	-0.000418	-5.39E-05	
238	-0.000538	-3.38E-05	-0.003196
-0.000257	-0.000333	-4.96E-05	
239	-0.000538	-4.20E-05	-0.004994
-0.000405	-0.000239	-4.22E-05	
240	-0.000537	-5.93E-05	-0.006415
-0.000516	-0.000153	-3.59E-05	
241	-0.000537	-7.15E-05	-0.007210
-0.000370	-0.000100	-3.08E-05	
242	-0.000537	-7.53E-05	-0.007259
-0.000563	-0.000142	-4.45E-05	
243	-0.000536	-6.99E-05	-0.006545
-0.000497	-0.000247	-5.77E-05	
244	-0.000536	-5.56E-05	-0.005171
-0.000377	-0.000349	-6.86E-05	
245	-0.000536	-4.31E-05	-0.003369
-0.000224	-0.000403	-7.57E-05	
246	-0.000535	-1.68E-05	-0.001380
-6.66E-05	-0.000409	-7.19E-05	
247	-0.000535	-1.02E-05	-3.00E-05
-8.74E-06	-0.000388	-6.54E-05	
248	-0.000534	-1.01E-05	-0.001517
-8.86E-05	-0.000354	-6.89E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000533	-1.78E-05	-0.003701
-0.000248	-0.000290	-6.99E-05	
250	-0.000532	-3.57E-05	-0.005684
-0.000399	-0.000220	-6.40E-05	
251	-0.000531	-5.24E-05	-0.007209
-0.000514	-0.000149	-5.72E-05	
252	-0.000530	-6.22E-05	-0.008028
-0.000574	-0.000106	-5.05E-05	
253	-0.000529	-6.30E-05	-0.008030
-0.000573	-0.000138	-4.73E-05	
254	-0.000528	-5.46E-05	-0.007213
-0.000513	-0.000248	-4.31E-05	
255	-0.000527	-3.53E-05	-0.005689
-0.000397	-0.000364	-3.79E-05	
256	-0.000527	-1.92E-05	-0.003707
-0.000246	-0.000430	-3.23E-05	
257	-0.000526	-6.92E-06	-0.001522
-8.74E-05	-0.000447	-2.42E-05	
258	-0.000525	-6.57E-06	-3.06E-05
-8.66E-06	-0.000430	-1.93E-05	
259	-0.000525	-1.38E-05	-0.001382
-6.51E-05	-0.000399	-1.86E-05	
260	-0.000525	-3.36E-05	-0.003374
-0.000222	-0.000334	-2.06E-05	
261	-0.000526	-5.51E-05	-0.005177
-0.000375	-0.000265	-2.21E-05	
262	-0.000526	-7.14E-05	-0.006551
-0.000495	-0.000187	-3.33E-05	
263	-0.000526	-7.91E-05	-0.007264
-0.000561	-0.000125	-4.40E-05	
264	-0.000527	-7.70E-05	-0.007214
-0.000568	-0.000120	-5.49E-05	
265	-0.000527	-6.58E-05	-0.006418
-0.000515	-0.000211	-6.81E-05	
266	-0.000527	-4.76E-05	-0.004996
-0.000405	-0.000316	-7.79E-05	
267	-0.000527	-2.72E-05	-0.003197
-0.000257	-0.000372	-8.25E-05	
268	-0.000527	-1.19E-05	-0.001282
-0.000100	-0.000379	-8.15E-05	
269	-0.000528	-9.83E-06	-3.68E-05
-4.43E-06	-0.000356	-6.58E-05	
270	-0.000528	-1.36E-05	-0.001689
-5.00E-05	-0.000319	-6.67E-05	
271	-0.000529	-2.67E-05	-0.004151
-0.000226	-0.000248	-6.31E-05	
272	-0.000530	-4.15E-05	-0.006438
-0.000406	-0.000166	-5.38E-05	
273	-0.000530	-5.14E-05	-0.008264
-0.000560	-8.31E-05	-4.56E-05	
274	-0.000530	-5.34E-05	-0.009352
-0.000666	-1.30E-05	-3.84E-05	
275	-0.000529	-4.73E-05	-0.009541
-0.000715	-4.65E-05	-3.56E-05	
276	-0.000527	-3.47E-05	-0.008788
-0.000699	-0.000184	-4.43E-05	
277	-0.000525	-2.91E-05	-0.007140
-0.000611	-0.000354	-5.69E-05	
278	-0.000521	-3.48E-05	-0.004749
-0.000248	-0.000503	-6.96E-05	
279	-0.000518	-4.10E-05	-0.001808
-0.000184	-0.000616	-6.36E-05	
280	-0.000516	-4.48E-05	-6.40E-05
-1.09E-05	-0.000656	-8.01E-05	
281	-0.001795	-1.18E-05	.000000
-0.000231	-0.000263	-2.85E-06	
282	-0.000894	-2.80E-05	.000000
-6.29E-05	-0.000697	-1.17E-05	
283	-0.001460	.000000	.000000
-6.00E-05	-0.000592	-1.05E-05	
284	.000000	.000000	.000000
-3.95E-05	-0.000634	-1.02E-05	
285	-0.001467	-7.63E-05	.000000
-3.30E-05	-0.000551	-6.65E-06	
286	-0.000535	-1.06E-05	.000000
-0.000205	-0.001121	-1.04E-05	
287	-0.001387	-3.89E-05	.000000
-0.000143	-0.000230	-5.42E-06	
288	-0.000675	-2.05E-05	.000000
-6.62E-05	-0.000545	-2.02E-06	
289	-0.001184	.000000	.000000
-4.07E-05	-0.000458	-2.65E-06	
290	.000000	.000000	.000000
-2.04E-05	-0.000500	-2.57E-06	
291	-0.001169	-6.08E-05	.000000
-1.94E-05	-0.000422	-2.14E-06	
292	-0.000408	-3.17E-05	.000000
-4.20E-05	-0.000812	-6.08E-06	
293	-0.000964	2.10E-21	.000000
-0.000133	-0.000194	-1.48E-05	
294	-0.000468	-6.96E-05	.000000
-8.49E-05	-0.000400	-5.86E-06	
295	-0.000906	-1.11E-05	.000000
-8.86E-05	-0.000320	-5.65E-06	
296	-9.95E-07	-4.35E-05	.000000
-2.96E-05	-0.000375	-6.29E-06	
297	-0.000842	-0.000284	.000000
-4.90E-05	-0.000304	-5.67E-06	
298	-0.000271	-9.85E-05	.000000
-2.55E-05	-0.000516	-2.19E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000848	0.000243	4.04E-08
6.66E-05	0.001348	8.09E-06	
2	0.000848	0.000247	0.000967
9.08E-05	0.001307	7.66E-06	
3	0.000848	0.000266	0.002642
0.000149	0.001098	7.07E-06	
4	0.000848	0.000287	0.004139
0.000197	0.000795	5.85E-06	
5	0.000849	0.000296	0.005383
0.000230	0.000466	3.88E-06	
6	0.000850	0.000287	0.006286
0.000253	0.000177	2.04E-06	
7	0.000851	0.000259	0.006748
0.000262	1.76E-05	1.39E-06	
8	0.000851	0.000213	0.006668
0.000260	8.72E-05	2.34E-06	
9	0.000851	0.000155	0.005937
0.000236	0.000224	4.15E-06	
10	0.000851	0.000102	0.004468
0.000181	0.000381	6.64E-06	
11	0.000850	7.75E-05	0.002152
9.93E-05	0.000554	8.41E-06	
12	0.000850	8.48E-05	6.90E-08
7.51E-05	0.000676	7.99E-06	
13	0.000848	0.000108	0.002803
0.000113	0.000770	9.36E-06	
14	0.000846	0.000131	0.006005
0.000197	0.000795	9.79E-06	
15	0.000846	0.000187	0.008274
0.000255	0.000695	8.43E-06	
16	0.000845	0.000215	0.009677
0.000286	0.000488	6.62E-06	
17	0.000845	0.000227	0.010220
0.000297	0.000314	5.16E-06	
18	0.000846	0.000220	0.009963
0.000296	0.000228	4.36E-06	
19	0.000848	0.000194	0.009253
0.000282	0.000276	5.18E-06	
20	0.000850	0.000151	0.007803
0.000244	0.000400	6.54E-06	
21	0.000853	0.000100	0.005588
0.000177	0.000526	8.61E-06	
22	0.000855	6.51E-05	0.002577
8.16E-05	0.000684	1.05E-05	
23	0.000857	6.70E-05	1.28E-07
4.93E-05	0.000791	1.10E-05	
24	0.000858	8.56E-05	0.002374
8.95E-05	0.000868	1.21E-05	
25	0.000860	0.000136	0.005106
0.000178	0.000870	1.19E-05	
26	0.000862	0.000186	0.007067
0.000240	0.000746	9.97E-06	
27	0.000864	0.000225	0.008306
0.000274	0.000517	7.25E-06	
28	0.000865	0.000244	0.008823
0.000286	0.000319	5.23E-06	
29	0.000867	0.000243	0.008819
0.000285	0.000204	3.48E-06	
30	0.000869	0.000222	0.008299
0.000273	0.000225	2.77E-06	
31	0.000871	0.000183	0.007058
0.000239	0.000338	3.92E-06	
32	0.000874	0.000133	0.005097
0.000178	0.000467	6.02E-06	
33	0.000876	8.49E-05	0.002369
9.00E-05	0.000624	8.06E-06	
34	0.000878	6.80E-05	1.29E-07
5.01E-05	0.000731	8.96E-06	
35	0.000878	6.40E-05	0.002572
8.05E-05	0.000811	1.06E-05	
36	0.000879	8.98E-05	0.005578
0.000175	0.000821	1.08E-05	
37	0.000879	0.000134	0.007792
0.000242	0.000708	9.27E-06	
38	0.000879	0.000170	0.009243
0.000280	0.000492	6.79E-06	
39	0.000879	0.000189	0.009959
0.000294	0.000299	4.92E-06	
40	0.000878	0.000188	0.010218
0.000296	0.000200	3.26E-06	
41	0.000878	0.000165	0.009676
0.000285	0.000234	2.77E-06	
42	0.000872	0.000134	0.008275
0.000254	0.000370	4.47E-06	
43	0.000868	0.000100	0.006006
0.000196	0.000539	7.34E-06	
44	0.000864	7.57E-05	0.002804
0.000113	0.000733	1.03E-05	
45	0.000861	8.06E-05	6.57E-08
6.95E-05	0.000866	1.20E-05	
46	0.000859	0.000103	0.002153
9.49E-05	0.000970	1.40E-05	
47	0.000856	0.000159	0.004470
0.000177	0.001003	1.50E-05	
48	0.000854	0.000205	0.005941
0.000235	0.000898	1.40E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000853	0.000285	0.006674
0.000262	0.000675	1.17E-05	
50	0.000852	0.000328	0.006757
0.000265	0.000398	8.21E-06	
51	0.000851	0.000352	0.006296
0.000257	0.000235	4.99E-06	
52	0.000853	0.000352	0.005394
0.000235	0.000216	2.71E-06	
53	0.000853	0.000333	0.004150
0.000203	0.000269	1.85E-06	
54	0.000854	0.000300	0.002651
0.000157	0.000314	2.18E-06	
55	0.000855	0.000268	0.000971
0.000101	0.000342	3.14E-06	
56	0.000856	0.000256	4.25E-08
7.90E-05	0.000347	3.59E-06	
57	0.000763	0.000148	3.47E-08
5.14E-05	0.001128	6.26E-06	
58	0.000764	0.000150	0.000889
5.83E-05	0.001088	5.09E-06	
59	0.000764	0.000150	0.002427
7.66E-05	0.000903	2.34E-06	
60	0.000764	0.000141	0.003797
9.34E-05	0.000645	1.95E-06	
61	0.000764	0.000129	0.004925
0.000107	0.000362	1.88E-06	
62	0.000763	0.000107	0.005725
0.000118	0.000131	2.01E-06	
63	0.000762	8.69E-05	0.006108
0.000128	1.72E-05	2.13E-06	
64	0.000762	6.51E-05	0.005982
0.000137	9.43E-05	2.17E-06	
65	0.000761	4.80E-05	0.005267
0.000135	0.000217	2.21E-06	
66	0.000760	4.80E-05	0.003913
0.000113	0.000350	2.56E-06	
67	0.000759	5.80E-05	0.001859
5.98E-05	0.000489	3.09E-06	
68	0.000758	6.60E-05	4.90E-08
6.53E-05	0.000583	2.46E-06	
69	0.000758	7.16E-05	0.002449
0.000116	0.000652	3.31E-06	
70	0.000757	7.92E-05	0.005310
0.000166	0.000661	2.60E-06	
71	0.000757	8.57E-05	0.007397
0.000187	0.000569	1.68E-06	
72	0.000757	8.76E-05	0.008721
0.000189	0.000393	1.81E-06	
73	0.000757	8.38E-05	0.009257
0.000181	0.000247	2.42E-06	
74	0.000757	7.59E-05	0.009037
0.000173	0.000198	3.10E-06	
75	0.000758	6.37E-05	0.008335
0.000166	0.000259	3.82E-06	
76	0.000758	4.81E-05	0.006974
0.000150	0.000372	4.41E-06	
77	0.000759	3.32E-05	0.004943
0.000116	0.000481	5.08E-06	
78	0.000759	2.91E-05	0.002253
5.55E-05	0.000608	5.46E-06	
79	0.000759	3.07E-05	1.09E-07
1.81E-05	0.000691	4.76E-06	
80	0.000760	4.93E-05	0.002060
7.10E-05	0.000747	4.85E-06	
81	0.000760	6.57E-05	0.004485
0.000125	0.000737	4.20E-06	
82	0.000760	8.17E-05	0.006278
0.000152	0.000727	3.21E-06	
83	0.000760	9.30E-05	0.007442
0.000163	0.000432	2.28E-06	
84	0.000760	9.79E-05	0.007946
0.000163	0.000262	1.76E-06	
85	0.000760	9.66E-05	0.007945
0.000152	0.000175	1.57E-06	
86	0.000760	8.92E-05	0.007442
0.000161	0.000209	1.70E-06	
87	0.000761	7.67E-05	0.006277
0.000151	0.000312	2.14E-06	
88	0.000761	6.08E-05	0.004485
0.000123	0.000424	2.92E-06	
89	0.000761	4.62E-05	0.002060
6.96E-05	0.000550	3.63E-06	
90	0.000762	3.64E-05	1.09E-07
1.75E-05	0.000635	3.18E-06	
91	0.000762	2.80E-05	0.002253
5.57E-05	0.000695	3.55E-06	
92	0.000762	2.91E-05	0.004943
0.000115	0.000695	3.36E-06	
93	0.000762	3.50E-05	0.006975
0.000149	0.000598	2.74E-06	
94	0.000763	4.31E-05	0.008335
0.000165	0.000418	2.09E-06	
95	0.000763	4.80E-05	0.009038
0.000171	0.000252	1.59E-06	
96	0.000762	4.80E-05	0.009257
0.000180	0.000168	1.35E-06	
97	0.000762	4.42E-05	0.008722
0.000188	0.000217	1.64E-06	
98	0.000761	3.89E-05	0.007398
0.000186	0.000342	2.39E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000760	3.49E-05	0.005310
0.000165	0.000489	3.58E-06	
100	0.000759	3.96E-05	0.002449
0.000114	0.000647	4.85E-06	
101	0.000758	4.56E-05	5.64E-08
5.85E-05	0.000754	5.10E-06	
102	0.000757	5.22E-05	0.001859
6.07E-05	0.000835	5.89E-06	
103	0.000756	7.04E-05	0.003913
0.000113	0.000858	6.14E-06	
104	0.000755	9.40E-05	0.005268
0.000134	0.000770	5.83E-06	
105	0.000755	0.000120	0.005983
0.000137	0.000554	5.18E-06	
106	0.000754	0.000142	0.006109
0.000128	0.000347	4.32E-06	
107	0.000754	0.000160	0.005725
0.000118	0.000200	3.47E-06	
108	0.000753	0.000173	0.004923
0.000106	0.000189	2.82E-06	
109	0.000753	0.000179	0.003794
9.11E-05	0.000246	2.14E-06	
110	0.000753	0.000178	0.002424
7.21E-05	0.000290	1.55E-06	
111	0.000753	0.000167	0.000887
4.98E-05	0.000316	3.03E-06	
112	0.000753	0.000159	2.86E-08
3.90E-05	0.000321	3.60E-06	
113	0.000643	0.000122	5.59E-08
5.18E-05	0.000811	3.06E-06	
114	0.000643	8.83E-05	0.000806
5.75E-05	0.000789	3.05E-06	
115	0.000643	3.70E-05	0.002204
7.06E-05	0.000673	3.05E-06	
116	0.000642	3.25E-05	0.003449
8.36E-05	0

145	0.000617	2.96E-05	0.001708
3.80E-05	0.000473	6.87E-06	
146	0.000616	2.35E-05	1.12E-07
1.33E-05	0.000514	5.65E-06	
147	0.000616	3.19E-05	0.001893
2.59E-05	0.000535	4.26E-06	
148	0.000616	4.44E-05	0.004278
7.19E-05	0.000521	2.40E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000616	5.02E-05	0.006154
0.000105	0.000446	1.26E-06	
150	0.000617	5.09E-05	0.007439
0.000126	0.000309	1.43E-06	
151	0.000617	4.85E-05	0.008130
0.000137	0.000173	2.31E-06	
152	0.000619	4.45E-05	0.008312
0.000145	0.000129	4.13E-06	
153	0.000621	4.33E-05	0.007780
0.000150	0.000206	6.10E-06	
154	0.000624	4.22E-05	0.006518
0.000142	0.000322	7.52E-06	
155	0.000627	3.98E-05	0.004586
0.000117	0.000450	8.02E-06	
156	0.000629	3.28E-05	0.002051
6.52E-05	0.000563	7.16E-06	
157	0.000631	3.10E-05	8.16E-08
2.41E-05	0.000621	5.94E-06	
158	0.000632	4.45E-05	0.001525
2.14E-05	0.000658	4.55E-06	
159	0.000633	5.75E-05	0.003327
5.37E-05	0.000663	2.68E-06	
160	0.000633	6.28E-05	0.004592
7.82E-05	0.000631	1.31E-06	
161	0.000632	6.23E-05	0.005303
9.30E-05	0.000446	1.20E-06	
162	0.000632	5.78E-05	0.005474
0.000100	0.000255	2.17E-06	
163	0.000631	5.23E-05	0.005168
9.95E-05	0.000131	4.26E-06	
164	0.000630	4.74E-05	0.004463
9.48E-05	0.000168	7.18E-06	
165	0.000629	4.36E-05	0.003447
8.61E-05	0.000223	9.56E-06	
166	0.000629	5.06E-05	0.002204
7.43E-05	0.000264	1.11E-05	
167	0.000628	9.67E-05	0.000806
6.33E-05	0.000387	1.17E-05	
168	0.000627	0.000127	5.93E-08
5.88E-05	0.000291	1.17E-05	
169	0.000808	0.000186	8.36E-05
6.44E-05	0.001321	0.000156	
170	0.000808	0.000196	0.000933
6.88E-05	0.000321	0.000128	
171	0.000808	0.000213	0.002540
0.000153	0.001160	0.000133	
172	0.000807	0.000224	0.003976
0.000189	0.000885	0.000106	
173	0.000807	0.000223	0.005165
0.000219	0.000580	8.11E-05	
174	0.000807	0.000207	0.006021
0.000243	0.000323	5.89E-05	
175	0.000807	0.000178	0.006450
0.000260	0.000179	4.80E-05	
176	0.000806	0.000137	0.006353
0.000264	0.000238	4.83E-05	
177	0.000806	9.52E-05	0.005637
0.000252	0.000290	5.30E-05	
178	0.000805	6.43E-05	0.004227
0.000216	0.000499	6.32E-05	
179	0.000804	5.43E-05	0.002029
0.000123	0.000595	6.79E-05	
180	0.000803	6.83E-05	7.20E-05
8.61E-05	0.000702	7.07E-05	
181	0.000802	8.82E-05	0.002665
0.000157	0.000845	8.54E-05	
182	0.000801	0.000118	0.005706
0.000240	0.000890	9.45E-05	
183	0.000800	0.000145	0.007881
0.000283	0.000801	8.61E-05	
184	0.000800	0.000163	0.009237
0.000301	0.000809	7.12E-05	
185	0.000800	0.000168	0.009770
0.000303	0.000454	5.95E-05	
186	0.000801	0.000158	0.009529
0.000300	0.000378	5.75E-05	
187	0.000802	0.000135	0.008828
0.000291	0.000417	6.30E-05	
188	0.000803	0.000100	0.007426
0.000264	0.000528	7.37E-05	
189	0.000805	6.13E-05	0.005303
0.000211	0.000640	8.46E-05	
190	0.000807	3.75E-05	0.002439
0.000112	0.000721	8.91E-05	
191	0.000808	4.21E-05	4.56E-05
5.40E-05	0.000814	9.13E-05	
192	0.000809	6.19E-05	0.002244
0.000122	0.000943	0.000108	
193	0.000810	0.000102	0.004834
0.000212	0.000965	0.000117	
194	0.000811	0.000140	0.006711
0.000262	0.000856	0.000107	
195	0.000812	0.000169	0.007908
0.000284	0.000645	8.93E-05	
196	0.000812	0.000183	0.008414
0.000289	0.000464	6.93E-05	
197	0.000813	0.000182	0.008411
0.000289	0.000357	5.94E-05	
198	0.000814	0.000165	0.007903
0.000283	0.000369	5.38E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000815	0.000136	0.006705
0.000260	0.000469	5.11E-05	
200	0.000815	9.74E-05	0.004828
0.000210	0.000582	5.10E-05	
201	0.000816	5.99E-05	0.002239
0.000120	0.000660	4.89E-05	
202	0.000817	4.25E-05	4.62E-05
5.40E-05	0.000755	5.15E-05	
203	0.000818	3.61E-05	0.002438
0.000110	0.000888	6.58E-05	
204	0.000819	5.58E-05	0.005298
0.000209	0.000832	7.76E-05	
205	0.000820	8.19E-05	0.007421
0.000261	0.000823	7.72E-05	
206	0.000821	0.000108	0.008823
0.000289	0.000626	7.13E-05	
207	0.000821	0.000123	0.009527
0.000298	0.000450	6.32E-05	
208	0.000820	0.000123	0.009769
0.000302	0.000350	5.99E-05	
209	0.000819	0.000111	0.009235
0.000301	0.000377	6.66E-05	
210	0.000817	8.93E-05	0.007879
0.000282	0.000499	7.87E-05	
211	0.000814	9.62E-05	0.005703
0.000240	0.000647	9.26E-05	
212	0.000812	5.07E-05	0.002660
0.000157	0.000758	9.73E-05	
213	0.000810	5.32E-05	4.95E-05
8.61E-05	0.000877	9.92E-05	
214	0.000808	7.14E-05	0.002030
0.000123	0.001033	0.000117	
215	0.000806	0.000113	0.004228
0.000216	0.001089	0.000129	
216	0.000804	0.000164	0.005639
0.000253	0.001001	0.000120	
217	0.000803	0.000211	0.006355
0.000265	0.000798	0.000100	
218	0.000803	0.000248	0.006451
0.000261	0.000547	7.71E-05	
219	0.000803	0.000270	0.006022
0.000245	0.000389	5.96E-05	
220	0.000803	0.000276	0.005163
0.000221	0.000359	5.29E-05	
221	0.000803	0.000266	0.003971
0.000191	0.000398	5.24E-05	
222	0.000804	0.000244	0.002529
0.000155	0.000430	5.32E-05	
223	0.000805	0.000215	0.000912
6.84E-05	0.000388	4.38E-05	
224	0.000805	0.000198	8.47E-05
6.12E-05	0.000346	5.24E-05	
225	0.000702	0.000137	3.93E-05
6.36E-05	0.000990	0.000139	
226	0.000702	0.000120	0.000848
4.75E-05	0.000939	0.000111	
227	0.000702	8.64E-05	0.002313
7.26E-05	0.000776	0.000119	
228	0.000702	5.75E-05	0.003617
8.98E-05	0.000554	9.67E-05	
229	0.000701	5.29E-05	0.004685
0.000103	0.000304	7.29E-05	
230	0.000700	5.57E-05	0.005432
0.000112	9.65E-05	5.03E-05	
231	0.000699	5.69E-05	0.005770
0.000117	1.48E-05	3.84E-05	
232	0.000698	5.64E-05	0.005613
0.000120	9.67E-05	5.75E-05	
233	0.000697	5.64E-05	0.004893
0.000119	0.000216	4.31E-05	
234	0.000696	6.05E-05	0.003580
0.000113	0.000338	5.19E-05	
235	0.000696	6.08E-05	0.001654
8.81E-05	0.000455	5.65E-05	
236	0.000696	5.80E-05	3.66E-05
9.28E-05	0.000525	5.70E-05	
237	0.000696	5.20E-05	0.002199
0.000159	0.000571	6.58E-05	
238	0.000696	4.00E-05	0.004895
0.000192	0.000570	7.17E-05	
239	0.000697	3.73E-05	0.006908
0.000193	0.000488	6.43E-05	
240	0.000697	4.17E-05	0.008207
0.000185	0.000332	5.17E-05	
241	0.000697	4.54E-05	0.008745
0.000173	0.000197	4.30E-05	
242	0.000697	4.71E-05	0.008548
0.000164	0.000177	4.58E-05	
243	0.000697	4.62E-05	0.007845
0.000158	0.000250	5.75E-05	
244	0.000697	4.22E-05	0.006519
0.000150	0.000360	7.01E-05	
245	0.000696	3.58E-05	0.004564
0.000134	0.000461	8.23E-05	
246	0.000696	3.18E-05	0.002032
9.52E-05	0.000567	8.79E-05	
247	0.000695	3.29E-05	2.47E-05
6.52E-05	0.000627	8.74E-05	
248	0.000695	3.57E-05	0.001842
0.000116	0.000663	9.91E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000694	4.37E-05	0.004117
0.000152	0.000646	0.000107	
250	0.000694	5.26E-05	0.005842
0.000159	0.000548	9.74E-05	
251	0.000693	5.89E-05	0.006980
0.000159	0.000375	8.04E-05	
252	0.000693	6.17E-05	0.007482
0.000156	0.000217	6.20E-05	
253	0.000692	6.22E-05	0.007484
0.000155	0.000154	4.89E-05	
254	0.000692	5.95E-05	0.006983
0.000158	0.000202	3.69E-05	
255	0.000691	5.32E-05	0.005846
0.000158	0.000301	2.97E-05	
256	0.000691	4.33E-05	0.004122
0.000150	0.000404	2.75E-05	
257	0.000690	3.30E-05	0.001845
0.000114	0.000509	2.89E-05	
258	0.000690	2.96E-05	2.50E-05
6.52E-05	0.000571	3.11E-05	
259	0.000691	2.93E-05	0.002034
9.36E-05	0.000612	3.88E-05	
260	0.000690	3.38E-05	0.004569
0.000132	0.000606	4.80E-05	
261	0.000690	3.65E-05	0.006524
0.000147	0.000522	5.04E-05	
262	0.000690	3.95E-05	0.007850
0.000156	0.000364	5.06E-05	
263	0.000690	3.96E-05	0.008552
0.000162	0.000214	5.24E-05	
264	0.000690	3.72E-05	0.008749
0.000172	0.000147	5.59E-05	
265	0.000691	3.39E-05	0.008210
0.000184	0.000211	6.55E-05	
266	0.000692	3.16E-05	0.006911
0.000192	0.000331	7.72E-05	
267	0.000693	3.05E-05	0.004898
0.000192	0.000466	8.80E-05	
268	0.000694	3.25E-05	0.002202
0.000159	0.000599	9.19E-05	
269	0.000694	3.67E-05	2.18E-05
9.32E-05	0.000681	9.07E-05	
270	0.000694	4.34E-05	0.001653
8.67E-05	0.000742	0.000103	
271	0.000694	5.27E-05	0.003579
0.000113	0.000758	0.000110	
272	0.000693	6.08E-05	0.004893
0.000119	0.000683	9.95E-05	
273	0.000693	6.74E-05	0.005613
0.000120	0.000520	8.15E-05	
274	0.000692	7.17E-05	0.005769
0.000118	0.000307	5.84E-05	
275	0.000692	7.32E-05	0.005432
0.000113	0.000170	4.14E-05	
276	0.000691	7.54E-05	0.004685
0.000103	0.000177	3.83E-05	
277	0.000691	8.65E-05	0.003620
8.95E-05	0.000233	3.88E-05	
278	0.000690	0.000110	0.002321
7.19E-05	0.000275	4.02E-05	
279	0.000690	0.000135	0.000863
4.82E-05	0.000317	3.48E-05	
280	0.000689	0.000147	4.34E-05
6.72E-05	0.000307	4.25E-05	
281	0.001138	2.93E-05	.000000
8.20E-05	0.001350	8.09E-06	
282	0.001286	4.03E-05	.000000
6.80E-05	0.000676	7.99E-06	
283	0.001591	.000000	.000000
4.93E-05	0.000791	1.10E-05	
284	.000000	.000000	.000000
2.76E-05	0.000732	8.96E-06	
285	0.001637	8.52E-05	.000000
5.49E-06	0.000868	1.20E-05	
286	0.001566	3.11E-05	.000000
6.78E-05	0.000350	3.59E-06	
287	0.001030	0.000100	.000000
9.34E-05	0.001131	6.26E-06	
288	0.001094	2.45E-05	.000000
6.30E-05	0.000582	2.46E-06	
289	0.001399	.000000	.000000
1.81E-05	0.001569	4.76E-06	
290	.000000	.000000	.000000
1.59E-21	0.000635	3.18E-06	
291	0.001432	7.45E-05	.000000
2.27E-06	0.000755	5.10E-06	
292	0.001295	0.000101	.000000
1.46E-21	0.000323	3.60E-06	
293	0.000887	1.88E-05	.000000
0.000103	0.000819	3.06E-06	
294	0.000861	2.04E-06	.000000
5.08E-05	0.000463	5.09E-06	
295	0.001146	4.83E-07	.000000
9.47E-05	0.000555	6.38E-06	
296	2.53E-06	2.33E-05	.000000
-1.35E-21	0.000513	5.65E-06	
297	0.001124	0.000298	.000000
-3.17E-21	0.000599	5.94E-06	
298	0.000878	0.000188	.000000
-4.42E-21	0.000293	1.17E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000912	-7.42E-05	-3.98E-07
-0.000234	-0.000347	-3.27E-06	
2	-0.000913	-6.25E-05	-0.003748
-0.000296	-0.000342	-2.60E-06	
3	-0.000915	-5.17E-05	-0.009957
-0.000420	-0.000315	-1.35E-06	
4	-0.000918	-4.97E-05	-0.014862
-0.000515	-0.000269	-1.47E-06	
5	-0.000921	-4.79E-05	-0.018140
-0.000562	-0.000217	-3.33E-06	
6	-0.000922	-4.64E-05	-0.019562
-0.000561	-0.000236	-5.98E-06	
7	-0.000921	-4.60E-05	-0.019032
-0.000517	-0.000398	-9.40E-06	
8	-0.000926	-4.59E-05	-0.016689
-0.000439	-0.000674	-1.28E-05	
9	-0.000917	-4.22E-05	-0.012879
-0.000333	-0.000898	-1.53E-05	
10	-0.000913	-4.91E-05	-0.008170
-0.000211	-0.001003	-1.65E-05	
11	-0.000910	-7.10E-05	-0.003221
-9.52E-05	-0.000970	-1.73E-05	
12	-0.000909	-8.69E-05	-9.06E-07
-7.38E-05	-0.000866	-1.11E-05	
13	-0.000907	-0.000110	-0.002556
-0.000134	-0.000733	-8.92E-06	
14	-0.000906	-0.000137	-0.006554
-0.000251	-0.000539	-5.87E-06	
15	-0.000906	-0.000153	-0.010366
-0.000353	-0.000371	-3.17E-06	
16	-0.000907	-0.000157	-0.013385
-0.000424	-0.000235	-2.15E-06	
17	-0.000908	-0.000150	-0.015068
-0.000455	-0.000200	-3.27E-06	
18	-0.000910	-0.000137	-0.015140
-0.000444	-0.000198	-5.38E-06	
19	-0.000911	-0.000118	-0.013585
-0.000397	-0.000492	-8.36E-06	
20	-0.000914	-9.20E-05	-0.010645
-0.000314	-0.000708	-1.09E-05	
21	-0.000916	-6.59E-05	-0.006828
-0.000205	-0.000821	-1.24E-05	
22	-0.000918	-5.46E-05	-0.002714
-8.80E-05	-0.000813	-1.19E-05	
23	-0.000920	-5.92E-05	-8.67E-07
-5.58E-05	-0.000733	-9.96E-06	
24	-0.000922	-6.19E-05	-0.002917
-0.000111	-0.000625	-8.56E-06	
25	-0.000922	-8.26E-05	-0.007315
-0.000231	-0.000468	-6.14E-06	
26	-0.000927	-0.000102	-0.011390
-0.000338	-0.000338	-3.84E-06	
27	-0.000930	-0.000113	-0.014548
-0.000416	-0.000224	-2.56E-06	
28	-0.000932	-0.000115	-0.016256
-0.000455	-0.000203	-4.29E-06	
29	-0.000934	-0.000113	-0.016255
-0.000455	-0.000319	-5.39E-06	
30	-0.000937	-0.000110	-0.014543
-0.000416	-0.000517	-7.48E-06	
31	-0.000939	-9.85E-05	-0.011383
-0.000338	-0.000747	-1.01E-05	
32	-0.000942	-7.96E-05	-0.007307
-0.000231	-0.000869	-1.17E-05	
33	-0.000945	-6.19E-05	-0.002912
-0.000112	-0.000867	-1.15E-05	
34	-0.000947	-6.00E-05	-8.67E-07
-5.67E-05	-0.000790	-9.86E-06	
35	-0.000948	-5.36E-05	-0.002708
-8.68E-05	-0.000613	-8.51E-06	
36	-0.000948	-5.56E-05	-0.006818
-0.000203	-0.000525	-6.79E-06	
37	-0.000949	-7.38E-05	-0.010633
-0.000311	-0.000400	-4.57E-06	
38	-0.000948	-8.84E-05	-0.013574
-0.000394	-0.000276	-3.39E-06	
39	-0.000948	-9.83E-05	-0.015131
-0.000442	-0.000228	-3.75E-06	
40	-0.000947	-0.000102	-0.015061
-0.000453	-0.000313	-5.30E-06	
41	-0.000946	-9.88E-05	-0.013381
-0.000423	-0.000487	-7.06E-06	
42	-0.000944	-9.73E-05	-0.010365
-0.000352	-0.000694	-9.34E-06	
43	-0.000942	-7.37E-05	-0.006554
-0.000249	-0.000795	-1.07E-05	
44	-0.000940	-6.23E-05	-0.002556
-0.000132	-0.000770	-1.04E-05	
45	-0.000937	-6.91E-05	-9.02E-07
-6.84E-05	-0.000676	-9.86E-06	
46	-0.000934	-7.02E-05	-0.003222
-8.81E-05	-0.000554	-7.95E-06	
47	-0.000930	-8.26E-05	-0.008172
-0.000205	-0.000381	-5.67E-06	
48	-0.000925	-9.92E-05	-0.012883
-0.000331	-0.000225	-3.41E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000921	-0.000109	-0.016694
-0.000440	-8.78E-05	-1.71E-06	
50	-0.000918	-0.000112	-0.019039
-0.000519	-1.70E-05	-8.95E-07	
51	-0.000917	-0.000113	-0.019570
-0.000565	-0.000176	-1.96E-06	
52	-0.000917	-0.000125	-0.018149
-0.000566	-0.000465	-4.38E-06	
53	-0.000920	-0.000105	-0.014869
-0.000521	-0.000794	-7.00E-06	
54	-0.000924	-9.72E-05	-0.009964
-0.000428	-0.001098	-8.61E-06	
55	-0.000928	-9.42E-05	-0.003751
-0.000304	-0.001307	-8.72E-06	
56	-0.000930	-9.70E-05	-4.00E-07
-0.000244	-0.001348	-8.71E-06	
57	-0.000842	-4.22E-05	-3.75E-07
-0.000190	-0.000321	-4.36E-06	
58	-0.000843	-3.86E-05	-0.003117
-0.000278	-0.000316	-3.68E-06	
59	-0.000844	-3.19E-05	-0.008286
-0.000457	-0.000289	-2.42E-06	
60	-0.000843	-2.50E-05	-0.012395
-0.000584	-0.000245	-3.43E-06	
61	-0.000841	-1.86E-05	-0.015173
-0.000649	-0.000188	-4.39E-06	
62	-0.000839	-1.58E-05	-0.016407
-0.000652	-0.000200	-5.16E-06	
63	-0.000837	-1.47E-05	-0.016005
-0.000600	-0.000347	-5.75E-06	
64	-0.000835	-1.43E-05	-0.014074
-0.000503	-0.000584	-6.18E-06	
65	-0.000832	-1.58E-05	-0.010905
-0.000371	-0.000770	-6.25E-06	
66	-0.000830	-2.87E-05	-0.006960
-0.000222	-0.000858	-6.01E-06	
67	-0.000828	-5.20E-05	-0.002768
-7.80E-05	-0.000835	-5.37E-06	
68	-0.000827	-6.80E-05	-8.24E-07
-5.99E-05	-0.000754	-4.37E-06	
69	-0.000826	-8.06E-05	-0.002175
-0.000137	-0.000647	-4.77E-06	
70	-0.000825	-9.31E-05	-0.005534
-0.000271	-0.000489	-2.90E-06	
71	-0.000824	-9.86E-05	-0.008711
-0.000394	-0.000342	-1.24E-06	
72	-0.000824	-9.69E-05	-0.011220
-0.000483	-0.000217	-1.30E-06	
73	-0.000824	-8.95E-05	-0.012623
-0.000525	-0.000168	-1.94E-06	
74	-0.000825	-7.80E-05	-0.012689
-0.000513	-0.000252	-2.67E-06	
75	-0.000825	-6.34E-05	-0.011404
-0.000452	-0.000418	-3.54E-06	
76	-0.000826	-4.65E-05	-0.008965
-0.000348	-0.000598	-4.22E-06	
77	-0.000826	-2.93E-05	-0.005784
-0.000218	-0.000695	-4.58E-06	
78	-0.000827	-1.66E-05	-0.002318
-8.53E-05	-0.000695	-4.49E-06	
79	-0.000827	-2.17E-05	-8.08E-07
-3.10E-05	-0.000635	-3.97E-06	
80	-0.000827	-3.27E-05	-0.002514
-0.000110	-0.000550	-4.05E-06	
81	-0.000828	-4.57E-05	-0.006253
-0.000247	-0.000424	-2.99E-06	
82	-0.000828	-5.48E-05	-0.009684
-0.000375	-0.000312	-1.99E-06	
83	-0.000828	-6.01E-05	-0.012333
-0.000473	-0.000209	-1.42E-06	
84	-0.000828	-6.16E-05	-0.013765
-0.000525	-0.000175	-1.45E-06	
85	-0.000828	-5.98E-05	-0.013765
-0.000525	-0.000262	-1.95E-06	
86	-0.000828	-5.64E-05	-0.012333
-0.000472	-0.000342	-2.64E-06	
87	-0.000828	-5.04E-05	-0.009683
-0.000373	-0.000627	-3.40E-06	
88	-0.000828	-4.14E-05	-0.006252
-0.000245	-0.000737	-4.03E-06	
89	-0.000828	-2.99E-05	-0.002514
-0.000109	-0.000747	-4.29E-06	
90	-0.000829	-2.15E-05	-8.07E-07
-3.03E-05	-0.000691	-3.90E-06	
91	-0.000829	-1.48E-05	-0.002318
-8.55E-05	-0.000608	-4.37E-06	
92	-0.000829	-2.12E-05	-0.005783
-0.000217	-0.000481	-3.59E-06	
93	-0.000829	-2.99E-05	-0.008965
-0.000346	-0.000372	-2.68E-06	
94	-0.000829	-3.82E-05	-0.011403
-0.000450	-0.000259	-2.04E-06	
95	-0.000829	-4.39E-05	-0.012689
-0.000512	-0.000198	-1.72E-06	
96	-0.000829	-4.62E-05	-0.012623
-0.000524	-0.000247	-1.74E-06	
97	-0.000829	-4.50E-05	-0.011220
-0.000483	-0.000393	-2.10E-06	
98	-0.000828	-4.20E-05	-0.008711
-0.000393	-0.000569	-2.71E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000827	-3.77E-05	-0.005534
-0.000271	-0.000661	-3.40E-06	
100	-0.000825	-3.38E-05	-0.002175
-0.000136	-0.000652	-3.67E-06	
101	-0.000824	-3.27E-05	-8.34E-07
-5.55E-05	-0.000583	-3.29E-06	
102	-0.000823	-3.55E-05	-0.002768
-8.04E-05	-0.000489	-3.44E-06	
103	-0.000821	-4.30E-05	-0.006961
-0.000222	-0.000350	-2.90E-06	
104	-0.000819	-5.13E-05	-0.010906
-0.000370	-0.000217	-2.10E-06	
105	-0.000816	-5.82E-05	-0.014075
-0.000503	-9.43E-05	-1.61E-06	
106	-0.000815	-6.40E-05	-0.016006
-0.000501	-1.79E-05	-1.20E-06	
107	-0.000813	-6.82E-05	-0.016407
-0.000652	-0.000131	-8.89E-07	
108	-0.000812	-7.05E-05	-0.015172
-0.000648	-0.000363	-1.06E-06	
109	-0.000811	-7.13E-05	-0.012393
-0.000582	-0.000646	-1.49E-06	
110	-0.000811	-7.04E-05	-0.008284
-0.000453	-0.000904	-2.42E-06	
111	-0.000812	-7.18E-05	-0.003115
-0.000271	-0.001088	-5.68E-06	
112	-0.000813	-7.24E-05	-3.70E-07
-0.000180	-0.001128	-6.80E-06	
113	-0.000727	-3.59E-05	-4.66E-08
-0.000234	-0.000927	-1.38E-05	
114	-0.000725	-3.05E-05	-0.002267
-0.000308	-0.000288	-1.38E-05	
115	-0.000719	-2.90E-05	-0.006110
-0.000461	-0.000265	-1.31E-05	
116	-0.000714	-7.39E-05	-0.009251
-0.000569	-0.000224	-1.15E-05	
117	-0.000710	-0.000114	-0.011423
-0.000623	-0.000169	-9.03E-06	
118	-0.000706	-0.000143	-0.012430

146	-0.000681	-2.70E-05	-1.33E-07
-7.45E-05	-0.000566	-6.25E-06	
147	-0.000681	-4.26E-05	-0.001810
-0.000107	-0.000527	-7.38E-06	
148	-0.000682	-7.83E-05	-0.004413
-0.000223	-0.000439	-8.03E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000683	-0.000114	-0.006767
-0.000340	-0.000346	-7.28E-06	
150	-0.000684	-0.000141	-0.008559
-0.000433	-0.000241	-5.80E-06	
151	-0.000686	-0.000155	-0.009493
-0.000488	-0.000160	-3.96E-06	
152	-0.000687	-0.000153	-0.009427
-0.000498	-0.000159	-2.58E-06	
153	-0.000688	-0.000137	-0.008381
-0.000461	-0.000284	-1.92E-06	
154	-0.000689	-0.000109	-0.006521
-0.000381	-0.000417	-1.71E-06	
155	-0.000691	-7.52E-05	-0.004175
-0.000269	-0.000487	-2.52E-06	
156	-0.000691	-4.44E-05	-0.001674
-0.000146	-0.000492	-4.05E-06	
157	-0.000692	-3.56E-05	-1.41E-07
-8.38E-05	-0.000462	-5.34E-06	
158	-0.000693	-5.15E-05	-0.002198
-0.000103	-0.000414	-6.51E-06	
159	-0.000694	-8.22E-05	-0.005414
-0.000228	-0.000317	-7.22E-06	
160	-0.000696	-0.000114	-0.008399
-0.000366	-0.000208	-6.54E-06	
161	-0.000697	-0.000138	-0.010775
-0.000488	-5.03E-05	-5.03E-06	
162	-0.000697	-0.000148	-0.012190
-0.000578	-1.31E-05	-3.04E-06	
163	-0.000696	-0.000143	-0.012428
-0.000625	-7.27E-05	-2.10E-06	
164	-0.000694	-0.000122	-0.011421
-0.000624	-0.000270	-2.14E-06	
165	-0.000691	-8.73E-05	-0.009249
-0.000571	-0.000487	-2.03E-06	
166	-0.000686	-4.97E-05	-0.006109
-0.000464	-0.000672	-1.99E-06	
167	-0.000681	-5.23E-05	-0.002267
-0.000312	-0.000788	-2.02E-06	
168	-0.000678	-5.61E-05	-4.99E-08
-0.000239	-0.000810	-2.03E-06	
169	-0.000884	-4.70E-05	-0.000102
-0.000136	-0.000342	-6.60E-05	
170	-0.000884	-4.47E-05	-0.003469
-0.000265	-0.000385	-5.35E-05	
171	-0.000885	-4.08E-05	-0.009249
-0.000490	-0.000429	-6.40E-05	
172	-0.000885	-3.67E-05	-0.013826
-0.000628	-0.000397	-6.13E-05	
173	-0.000885	-3.21E-05	-0.016913
-0.000704	-0.000359	-5.98E-05	
174	-0.000883	-2.70E-05	-0.018263
-0.000713	-0.000390	-6.25E-05	
175	-0.000881	-2.12E-05	-0.017784
-0.000661	-0.000547	-7.43E-05	
176	-0.000878	-1.61E-05	-0.015598
-0.000558	-0.000798	-9.55E-05	
177	-0.000875	-1.74E-05	-0.012050
-0.000419	-0.001001	-0.000112	
178	-0.000872	-2.93E-05	-0.007659
-0.000262	-0.001089	-0.000119	
179	-0.000869	-4.60E-05	-0.003021
-9.75E-05	-0.001034	-0.000107	
180	-0.000867	-7.05E-05	-8.12E-05
-5.17E-05	-0.000877	-8.71E-05	
181	-0.000866	-9.46E-05	-0.002405
-0.000144	-0.000758	-8.19E-05	
182	-0.000865	-0.000117	-0.006147
-0.000294	-0.000647	-7.52E-05	
183	-0.000865	-0.000128	-0.009700
-0.000430	-0.000499	-6.37E-05	
184	-0.000865	-0.000129	-0.012519
-0.000533	-0.000378	-5.43E-05	
185	-0.000865	-0.000121	-0.014098
-0.000580	-0.000351	-5.35E-05	
186	-0.000866	-0.000107	-0.014168
-0.000571	-0.000450	-6.28E-05	
187	-0.000868	-8.77E-05	-0.012711
-0.000506	-0.000626	-8.11E-05	
188	-0.000869	-6.36E-05	-0.009965
-0.000393	-0.000823	-9.81E-05	
189	-0.000870	-3.93E-05	-0.006407
-0.000255	-0.000920	-0.000108	
190	-0.000872	-2.61E-05	-0.002553
-0.000103	-0.000889	-0.000100	
191	-0.000873	-3.06E-05	-6.56E-05
-4.30E-05	-0.000756	-8.51E-05	
192	-0.000875	-4.11E-05	-0.002756
-0.000124	-0.000661	-8.42E-05	
193	-0.000876	-6.34E-05	-0.006888
-0.000275	-0.000582	-8.18E-05	
194	-0.000877	-7.89E-05	-0.010700
-0.000415	-0.000469	-7.12E-05	
195	-0.000879	-8.72E-05	-0.013659
-0.000522	-0.000369	-6.27E-05	
196	-0.000879	-8.96E-05	-0.015265
-0.000577	-0.000357	-5.91E-05	
197	-0.000880	-8.72E-05	-0.015264
-0.000576	-0.000464	-6.53E-05	
198	-0.000881	-8.30E-05	-0.013655
-0.000520	-0.000645	-7.50E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000882	-7.38E-05	-0.010695
-0.000413	-0.000857	-8.16E-05	
200	-0.000883	-5.87E-05	-0.006882
-0.000273	-0.000965	-8.23E-05	
201	-0.000885	-3.94E-05	-0.002751
-0.000122	-0.000942	-7.03E-05	
202	-0.000885	-3.07E-05	-6.65E-05
-4.30E-05	-0.000813	-5.57E-05	
203	-0.000886	-2.44E-05	-0.002551
-0.000102	-0.000720	-5.32E-05	
204	-0.000887	-3.17E-05	-0.006402
-0.000252	-0.000640	-5.51E-05	
205	-0.000888	-4.34E-05	-0.009959
-0.000391	-0.000528	-5.42E-05	
206	-0.000888	-5.69E-05	-0.012706
-0.000504	-0.000417	-5.56E-05	
207	-0.000888	-6.61E-05	-0.014164
-0.000569	-0.000378	-6.00E-05	
208	-0.000888	-6.99E-05	-0.014095
-0.000579	-0.000454	-6.93E-05	
209	-0.000887	-8.80E-05	-0.012517
-0.000532	-0.000609	-8.81E-05	
210	-0.000886	-6.23E-05	-0.009699
-0.000430	-0.000801	-0.000105	
211	-0.000884	-5.27E-05	-0.006146
-0.000294	-0.000890	-0.000113	
212	-0.000884	-4.12E-05	-0.002404
-0.000144	-0.000845	-0.000102	
213	-0.000880	-4.10E-05	-6.28E-05
-5.26E-05	-0.000702	-8.45E-05	
214	-0.000878	-4.67E-05	-0.003026
-9.86E-05	-0.000595	-8.06E-05	
215	-0.000874	-5.96E-05	-0.007663
-0.000262	-0.000499	-7.41E-05	
216	-0.000871	-7.40E-05	-0.012053
-0.000419	-0.000360	-6.20E-05	
217	-0.000867	-8.36E-05	-0.015600
-0.000559	-0.000238	-5.37E-05	
218	-0.000864	-8.89E-05	-0.017786
-0.000662	-0.000179	-4.94E-05	
219	-0.000863	-9.10E-05	-0.018264
-0.000714	-0.000323	-5.31E-05	
220	-0.000862	-9.04E-05	-0.016912
-0.000706	-0.000581	-7.05E-05	
221	-0.000862	-8.77E-05	-0.013821
-0.000631	-0.000885	-9.34E-05	
222	-0.000864	-8.32E-05	-0.009240
-0.000492	-0.001161	-0.000119	
223	-0.000823	-7.74E-05	-0.003453
-0.000265	-0.001323	-0.000116	
224	-0.000868	-7.43E-05	-0.000107
-0.000132	-0.001324	-0.000140	
225	-0.000784	-3.76E-05	-0.000121
-3.44E-05	-0.000310	-6.69E-05	
226	-0.000783	-3.26E-05	-0.002763
-0.000237	-0.000303	-6.29E-05	
227	-0.000781	-2.46E-05	-0.007230
-0.000522	-0.000276	-6.26E-05	
228	-0.000778	-1.95E-05	-0.010827
-0.000672	-0.000234	-5.90E-05	
229	-0.000775	-3.83E-05	-0.013287
-0.000742	-0.000177	-5.45E-05	
230	-0.000772	-5.88E-05	-0.014397
-0.000744	-0.000170	-5.15E-05	
231	-0.000770	-7.08E-05	-0.014081
-0.000689	-0.000306	-5.81E-05	
232	-0.000769	-7.37E-05	-0.012416
-0.000581	-0.000520	-7.24E-05	
233	-0.000767	-7.09E-05	-0.009656
-0.000427	-0.000683	-7.67E-05	
234	-0.000767	-6.91E-05	-0.006208
-0.000245	-0.000758	-9.45E-05	
235	-0.000766	-6.65E-05	-0.002519
-6.26E-05	-0.000742	-8.51E-05	
236	-0.000766	-6.64E-05	-0.000100
-1.24E-05	-0.000681	-7.22E-05	
237	-0.000765	-6.77E-05	-0.001950
-0.000124	-0.000599	-6.94E-05	
238	-0.000765	-7.03E-05	-0.004866
-0.000305	-0.000467	-6.14E-05	
239	-0.000765	-7.92E-05	-0.007614
-0.000459	-0.000331	-4.91E-05	
240	-0.000764	-9.38E-05	-0.009785
-0.000564	-0.000211	-3.93E-05	
241	-0.000764	-0.000102	-0.011001
-0.000611	-0.000147	-3.76E-05	
242	-0.000764	-0.000100	-0.011067
-0.000600	-0.000214	-4.87E-05	
243	-0.000764	-8.93E-05	-0.009964
-0.000534	-0.000364	-6.82E-05	
244	-0.000764	-6.95E-05	-0.007860
-0.000414	-0.000522	-8.45E-05	
245	-0.000764	-4.54E-05	-0.005106
-0.000254	-0.000606	-9.46E-05	
246	-0.000764	-2.65E-05	-0.002087
-7.79E-05	-0.000611	-8.97E-05	
247	-0.000764	-2.83E-05	-7.49E-05
-9.82E-06	-0.000570	-8.01E-05	
248	-0.000763	-2.83E-05	-0.002276
-0.000105	-0.000509	-8.18E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000763	-4.07E-05	-0.005563
-0.000287	-0.000404	-8.02E-05	
250	-0.000763	-6.00E-05	-0.008562
-0.000444	-0.000301	-7.18E-05	
251	-0.000761	-7.63E-05	-0.010872
-0.000557	-0.000202	-6.22E-05	
252	-0.000760	-8.51E-05	-0.012120
-0.000613	-0.000154	-5.53E-05	
253	-0.000759	-8.51E-05	-0.012121
-0.000613	-0.000217	-5.41E-05	
254	-0.000758	-7.71E-05	-0.010875
-0.000556	-0.000375	-5.40E-05	
255	-0.000758	-6.12E-05	-0.008567
-0.000442	-0.000548	-5.45E-05	
256	-0.000757	-4.08E-05	-0.005568
-0.000285	-0.000646	-5.25E-05	
257	-0.000756	-2.48E-05	-0.002280
-0.000103	-0.000663	-4.32E-05	
258	-0.000756	-2.06E-05	-7.53E-05
-9.74E-06	-0.000628	-3.52E-05	
259	-0.000756	-2.39E-05	-0.002089
-7.63E-05	-0.000568	-3.31E-05	
260	-0.000756	-4.17E-05	-0.005110
-0.000252	-0.000461	-3.19E-05	
261	-0.000757	-6.21E-05	-0.007864
-0.000412	-0.000360	-3.32E-05	
262	-0.000757	-7.98E-05	-0.009968
-0.000532	-0.000250	-3.90E-05	
263	-0.000757	-8.94E-05	-0.011071
-0.000599	-0.000177	-4.51E-05	
264	-0.000758	-8.91E-05	-0.011005
-0.000610	-0.000198	-6.20E-05	
265	-0.000758	-7.94E-05	-0.009787
-0.000564	-0.000332	-7.90E-05	
266	-0.000758	-6.33E-05	-0.007616
-0.000458	-0.000488	-9.38E-05	
267	-0.000757	-4.53E-05	-0.004867
-0.000305	-0.000570	-0.000101	
268	-0.000757	-3.18E-05	-0.001950
-0.000124	-0.000571	-9.17E-05	
269	-0.000757	-2.90E-05	-8.12E-05
-1.11E-05	-0.000525	-7.92E-05	
270	-0.000757	-3.27E-05	-0.002516
-6.02E-05	-0.000455	-7.80E-05	
271	-0.000757	-4.66E-05	-0.006206
-0.000245	-0.000338	-7.06E-05	
272	-0.000756	-6.32E-05	-0.009655
-0.000428	-0.000216	-5.81E-05	
273	-0.000756	-7.43E-05	-0.012415
-0.000582	-9.86E-05	-4.72E-05	
274	-0.000755	-7.75E-05	-0.014080
-0.000689	-1.50E-05	-3.80E-05	
275	-0.000754	-7.24E-05	-0.014397
-0.000745	-9.65E-05	-3.79E-05	
276	-0.000752	-6.05E-05	-0.013287
-0.000743	-0.000304	-5.44E-05	
277	-0.000755	-5.44E-05	-0.010829
-0.000672	-0.000554	-7.53E-05	
278	-0.000747	-5.83E-05	-0.007236
-0.000521	-0.000775	-9.56E-05	
279	-0.000745	-6.24E-05	-0.002774
-0.000238	-0.000938	-9.02E-05	
280	-0.000744	-6.51E-05	-0.000122
-3.82E-05	-0.000988	-0.000113	
281	-0.002215	-1.51E-05	.000000
-0.000223	-0.000345	-3.27E-06	
282	-0.001096	-3.44E-05	.000000
-5.79E-05	-0.000866	-1.11E-05	
283	-0.001837	.000000	.000000
-5.58E-05	-0.000733	-9.96E-06	
284	.000000	.000000	.000000
-3.00E-05	-0.000791	-9.86E-06	
285	-0.001838	-9.57E-05	.000000
-2.02E-05	-0.000680	-8.96E-06	
286	-0.000659	-1.31E-05	.000000
-0.000192	-0.001356	-8.71E-06	
287	-0.001929	-5.32E-05	.000000
-0.000150	-0.000315	-4.36E-06	
288	-0.000942	-2.85E-05	.000000
-6.70E-05	-0.000753	-4.37E-06	
289	-0.001632	.000000	.000000
-3.10E-05	-0.000635	-3.97E-06	
290	.000000	.000000	.000000
-6.28E-06	-0.001691	-3.30E-06	
291	-0.001614	-8.40E-05	.000000
-1.79E-05	-0.000585	-3.29E-06	
292	-0.000564	-4.39E-05	.000000
-9.47E-06	-0.001139	-6.80E-06	
293	-0.001505	-7.71E-06	.000000
-0.000190	-0.000278	-1.38E-05	
294	-0.000741	-0.000113	.000000
-0.000133	-0.000608	-5.76E-06	
295	-0.001367	-3.70E-05	.000000
-0.000146	-0.000490	-5.59E-06	
296	-6.07E-07	-9.74E-05	.000000
-5.46E-05	-0.000569	-6.25E-06	
297	-0.001263	-0.000439	.000000
-8.42E-05	-0.000472	-5.34E-06	
298	-0.000422	-0.000174	.000000
-1.89E-05	-0.000837	-2.03E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000862	0.000210	5.33E-08
6.61E-05	0.001314	7.09E-06	
2	0.000862	0.000208	0.001011
0.000106	0.001280	6.72E-06	
3	0.000862	0.000224	0.002761
0.000202	0.001091	6.22E-06	
4	0.000863	0.000242	0.004323
0.000283	0.000803	5.27E-06	
5	0.000863	0.000250	0.005615
0.000339	0.000482	3.96E-06	
6	0.000864	0.000244	0.006541
0.000372	0.000186	2.84E-06	
7	0.000864	0.000223	0.006997
0.000379	1.65E-05	2.75E-06	
8	0.000864	0.000186	0.006878
0.000362	9.39E-05	4.00E-06	
9	0.000864	0.000139	0.006082
0.000312	0.000236	6.00E-06	
10	0.000863	9.50E-05	0.004536
0.000229	0.000393	8.49E-06	
11	0.000863	7.37E-05	0.002160
0.000123	0.000561	9.77E-06	
12	0.000862	7.70E-05	9.17E-08
8.17E-05	0.000673	8.57E-06	
13	0.000861	9.15E-05	0.002835
0.000114	0.000758	9.30E-06	
14	0.000860	0.000124	0.006132
0.000214	0.000780	9.11E-06	
15	0.000859	0.000158	0.008512
0.000297	0.000683	7.56E-06	
16	0.000859	0.000182	0.010005
0.000351	0.000483	5.96E-06	
17	0.000859	0.000192	0.010596
0.000375	0.000305	5.08E-06	
18	0.000859	0.000188	0.010337
0.000377	0.000227	4.94E-06	
19	0.000860	0.000167	0.009563
0.000353	0.000287	6.21E-06	
20	0.000861	0.000131	0.008025
0.000297	0.000418	8.04E-06	
21	0.000862	8.77E-05	0.005706
0.000209	0.000545	1.04E-05	
22	0.000864	5.83E-05	0.002606
9.59E-05	0.000697	1.19E-05	
23	0.000865	6.14E-05	1.48E-07
5.38E-05	0.000794	1.12E-05	
24	0.000865	7.66E-05	0.002389
9.63E-05	0.000860	1.13E-05	
25	0.000866	0.000120	0.005192
0.000203	0.000855	1.06E-05	
26	0.000868	0.000164	0.007243
0.000288	0.000732	8.68E-06	
27	0.000869	0.000197	0.008558
0.000343	0.000505	6.31E-06	
28	0.000870	0.000214	0.009118
0.000368	0.000305	5.08E-06	
29	0.000871	0.000213	0.009115
0.000367	0.000202	4.16E-06	
30	0.000872	0.000194	0.008555
0.000343	0.000237	4.16E-06	
31	0.000873	0.000160	0.007238
0.000288	0.000355	5.87E-06	
32	0.000874	0.000117	0.005187
0.000203	0.000486	8.22E-06	
33	0.000875	7.57E-05	0.002386
9.69E-05	0.000635	9.75E-06	
34	0.000876	6.23E-05	1.48E-07
5.44E-05	0.000730	9.36E-06	
35	0.000877	5.79E-05	0.002603
9.44E-05	0.000798	9.95E-06	
36	0.000877	7.95E-05	0.005700
0.000207	0.000798	9.56E-06	
37	0.000877	0.000117	0.008019
0.000295	0.000684	7.91E-06	
38	0.000877	0.000147	0.009558
0.000351	0.000470	5.80E-06	
39	0.000877	0.000163	0.010336
0.000375	0.000277	4.70E-06	
40	0.000876	0.000162	0.010596
0.000374	0.000197	4.01E-06	
41	0.000874	0.000144	0.010005
0.000349	0.000251	4.23E-06	
42	0.000872	0.000115	0.008513
0.000295	0.000393	6.38E-06	
43	0.000870	9.71E-05	0.006133
0.000213	0.000564	9.34E-06	
44	0.000868	6.89E-05	0.002835
0.000113	0.000748	1.16E-05	
45	0.000866	7.51E-05	8.88E-08
7.74E-05	0.000868	1.19E-05	
46	0.000864	9.38E-05	0.002161
0.000120	0.000957	1.28E-05	
47	0.000862	0.000141	0.004538
0.000226	0.000978	1.30E-05	
48	0.000861	0.000198	0.006087
0.000312	0.000866	1.19E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000860	0.000248	0.006885
0.000363	0.000759	9.94E-06	
50	0.000859	0.000284	0.007006
0.000382	0.000360	7.51E-06	
51	0.000859	0.000304	0.006551
0.000376	0.000223	5.33E-06	
52	0.000859	0.000305	0.005626
0.000343	0.000226	4.08E-06	
53	0.000860	0.000288	0.004334
0.000289	0.000283	4.12E-06	
54	0.000861	0.000259	0.002769
0.000210	0.000330	5.40E-06	
55	0.000862	0.000231	0.001015
0.000116	0.000359	7.46E-06	
56	0.000863	0.000224	5.51E-08
7.82E-05	0.000363	8.19E-06	
57	0.000825	0.000136	3.64E-08
6.83E-05	0.001227	7.62E-06	
58	0.000826	0.000136	0.000964
8.83E-05	0.001191	6.34E-06	
59	0.000826	0.000135	0.002633
0.000173	0.001005	3.09E-06	
60	0.000826	0.000127	0.004120
0.000247	0.000735	2.17E-06	
61	0.000826	0.000113	0.005344
0.000300	0.000431	1.89E-06	
62	0.000825	9.68E-05	0.006213
0.000329	0.000166	2.00E-06	
63	0.000825	7.84E-05	0.006629
0.000336	2.47E-05	2.14E-06	
64	0.000824	5.87E-05	0.006492
0.000322	9.62E-05	2.18E-06	
65	0.000823	4.43E-05	0.005715
0.000281	0.000230	2.20E-06	
66	0.000823	4.47E-05	0.004245
0.000212	0.000375	2.54E-06	
67	0.000822	5.44E-05	0.002016
0.000111	0.000528	3.02E-06	
68	0.000821	6.22E-05	5.29E-08
8.40E-05	0.000633	2.58E-06	
69	0.000821	6.77E-05	0.002655
0.000132	0.000711	3.95E-06	
70	0.000820	7.55E-05	0.005760
0.000221	0.000727	3.23E-06	
71	0.000820	8.23E-05	0.008024
0.000287	0.000631	2.05E-06	
72	0.000820	8.42E-05	0.009462
0.000328	0.000442	2.07E-06	
73	0.000820	8.09E-05	0.010043
0.000345	0.000277	2.66E-06	
74	0.000820	7.26E-05	0.009804
0.000341	0.000215	3.37E-06	
75	0.000821	5.98E-05	0.009043
0.000318	0.000277	4.11E-06	
76	0.000821	4.41E-05	0.007566
0.000270	0.000401	4.70E-06	
77	0.000822	2.99E-05	0.005361
0.000195	0.000519	5.29E-06	
78	0.000822	2.47E-05	0.002443
9.46E-05	0.000659	5.58E-06	
79	0.000823	3.28E-05	1.16E-07
3.76E-05	0.000749	5.04E-06	
80	0.000823	4.55E-05	0.002234
0.000100	0.000811	5.72E-06	
81	0.000823	5.27E-05	0.004865
0.000196	0.000802	4.99E-06	
82	0.000824	7.92E-05	0.006811
0.000267	0.000683	3.64E-06	
83	0.000824	9.12E-05	0.008076
0.000312	0.000471	2.55E-06	
84	0.000824	9.66E-05	0.008622
0.000333	0.000293	2.02E-06	
85	0.000824	9.54E-05	0.008622
0.000332	0.000189	1.85E-06	
86	0.000824	8.77E-05	0.008075
0.000311	0.000227	1.97E-06	
87	0.000824	7.46E-05	0.006811
0.000365	0.000340	2.37E-06	
88	0.000825	5.82E-05	0.004865
0.000194	0.000461	3.07E-06	
89	0.000825	4.28E-05	0.002234
9.88E-05	0.000597	3.68E-06	
90	0.000825	3.23E-05	1.16E-07
3.72E-05	0.000688	3.40E-06	
91	0.000826	2.36E-05	0.002443
9.48E-05	0.000752	4.41E-06	
92	0.000826	2.61E-05	0.005361
0.000194	0.000749	4.04E-06	
93	0.000827	3.20E-05	0.007566
0.000269	0.000640	3.08E-06	
94	0.000827	3.93E-05	0.009043
0.000316	0.000441	2.26E-06	
95	0.000827	4.37E-05	0.009805
0.000340	0.000263	1.78E-06	
96	0.000827	4.36E-05	0.010043
0.000344	0.000180	1.63E-06	
97	0.000826	3.94E-05	0.009462
0.000328	0.000240	1.95E-06	
98	0.000826	3.49E-05	0.008024
0.000286	0.000376	2.65E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000825	3.29E-05	0.005759
0.000220	0.000535	3.73E-06	
100	0.000823	3.89E-05	0.002655
0.000131	0.000704	4.91E-06	
101	0.000822	4.55E-05	5.97E-08
7.77E-05	0.000817	5.25E-06	
102	0.000822	5.33E-05	0.002016
0.000112	0.000901	6.55E-06	
103	0.000821	7.02E-05	0.004245
0.000211	0.000918	6.63E-06	
104	0.000820	9.30E-05	0.005716
0.000280	0.000813	5.99E-06	
105	0.000819	0.000117	0.006493
0.000321	0.000603	5.16E-06	
106	0.000818	0.000138	0.006629
0.000336	0.000348	4.17E-06	
107	0.000818	0.000155	0.006213
0.000329	0.000204	3.26E-06	
108	0.000818	0.000165	0.005343
0.000299	0.000209	2.72E-06	
109	0.000818	0.000170	0.004118
0.000245	0.000270	2.24E-06	
110	0.000818	0.000167	0.002630
0.000168	0.000317	1.78E-06	
111	0.000818	0.000157	0.000963
8.01E-05	0.000344	3.05E-06	
112	0.000818	0.000150	3.08E-08
5.66E-05	0.000349	3.54E-06	
113	0.000761	0.000119	5.74E-08
5.06E-05	0.001042	7.17E-06	
114	0.000761	9.93E-05	0.000914
5.48E-05	0.001070	7.07E-06	
115	0.000761	0.000165	0.002500
9.17E-05	0.000868	6.42E-06	
116	0.000760	8.33E-05	0.003914
0.000131	0.000637	5.34E-06	
117	0.000760	9.49E-05	0.005076
0.000160	0.000368	4.11E-06	
118	0.000759	0.000105	0.005894
0.000178	0.000125	3.20E-06	
119	0.000758	0.000109	0.006273
0.000186	2.41E-05	3.24E-06	
120	0.000757	0.000105	0.006118

147	0.000747	2.81E-05	0.002245
4.08E-05	0.000664	6.62E-06	
148	0.000747	5.06E-05	0.005000
9.88E-05	0.000655	5.29E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000747	6.94E-05	0.007117
0.000145	0.000560	3.97E-06	
150	0.000748	8.11E-05	0.008547
0.000176	0.000386	3.45E-06	
151	0.000749	8.51E-05	0.009293
0.000190	0.000225	3.41E-06	
152	0.000750	8.15E-05	0.009512
0.000192	0.000754	4.45E-06	
153	0.000751	7.38E-05	0.008938
0.000184	0.000235	6.07E-06	
154	0.000752	6.18E-05	0.007540
0.000160	0.000366	7.38E-06	
155	0.000753	4.82E-05	0.005363
0.000120	0.000516	8.31E-06	
156	0.000754	3.58E-05	0.002435
6.44E-05	0.000662	8.47E-06	
157	0.000755	3.62E-05	8.78E-08
3.99E-05	0.000746	8.11E-06	
158	0.000755	5.29E-05	0.001833
5.39E-05	0.000805	7.52E-06	
159	0.000756	7.94E-05	0.003928
0.000106	0.000814	6.32E-06	
160	0.000755	0.000102	0.005348
0.000149	0.000723	4.91E-06	
161	0.000754	0.000118	0.006116
0.000177	0.000538	4.01E-06	
162	0.000753	0.000125	0.006270
0.000187	0.000310	3.73E-06	
163	0.000753	0.000124	0.005891
0.000179	0.000166	4.47E-06	
164	0.000752	0.000117	0.005073
0.000162	0.000198	6.60E-06	
165	0.000752	0.000103	0.003912
0.000133	0.000258	8.69E-06	
166	0.000751	9.27E-05	0.002500
9.53E-05	0.000302	1.00E-05	
167	0.000751	0.000112	0.000914
6.04E-05	0.000327	1.06E-05	
168	0.000751	0.000129	6.06E-08
5.72E-05	0.000332	1.06E-05	
169	0.000845	0.000160	0.000100
6.66E-05	0.000326	0.000164	
170	0.000845	0.000168	0.000996
7.34E-05	0.001330	0.000133	
171	0.000845	0.000182	0.002703
0.000230	0.001176	0.000139	
172	0.000844	0.000191	0.004227
0.000320	0.000905	0.000112	
173	0.000844	0.000189	0.005486
0.000383	0.000595	8.50E-05	
174	0.000844	0.000176	0.006385
0.000420	0.000316	6.21E-05	
175	0.000844	0.000153	0.006824
0.000432	0.000153	5.15E-05	
176	0.000843	0.000120	0.006700
0.000414	0.000217	5.34E-05	
177	0.000843	8.56E-05	0.005918
0.000362	0.000347	5.96E-05	
178	0.000842	6.02E-05	0.004412
0.000276	0.000493	7.07E-05	
179	0.000841	5.08E-05	0.002105
0.000139	0.000602	7.56E-05	
180	0.000840	6.10E-05	8.22E-05
7.59E-05	0.000709	7.79E-05	
181	0.000840	7.59E-05	0.002773
0.000144	0.000841	9.31E-05	
182	0.000839	0.000101	0.005976
0.000266	0.000884	0.000103	
183	0.000838	0.000124	0.008294
0.000353	0.000795	9.42E-05	
184	0.000838	0.000139	0.009753
0.000409	0.000601	7.88E-05	
185	0.000838	0.000143	0.010336
0.000432	0.000433	6.64E-05	
186	0.000838	0.000136	0.010085
0.000433	0.000296	5.32E-05	
187	0.000839	0.000116	0.009321
0.000409	0.000406	6.81E-05	
188	0.000840	8.59E-05	0.007817
0.000350	0.000527	7.61E-05	
189	0.000841	5.28E-05	0.005557
0.000256	0.000645	8.59E-05	
190	0.000842	5.19E-05	0.002543
0.000118	0.000738	8.77E-05	
191	0.000843	3.76E-05	5.95E-05
4.68E-05	0.000829	8.84E-05	
192	0.000844	5.59E-05	0.002331
0.000120	0.000944	0.000103	
193	0.000844	9.21E-05	0.005053
0.000250	0.000960	0.000111	
194	0.000845	0.000126	0.007049
0.000343	0.000846	0.000101	
195	0.000846	0.000151	0.008335
0.000400	0.000627	8.35E-05	
196	0.000846	0.000163	0.008885
0.000423	0.000435	6.89E-05	
197	0.000847	0.000162	0.008883
0.000422	0.000333	6.38E-05	
198	0.000847	0.000147	0.008332
0.000398	0.000358	6.26E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000848	0.000121	0.007046
0.000340	0.000567	6.37E-05	
200	0.000848	8.74E-05	0.005049
0.000248	0.000586	6.70E-05	
201	0.000849	5.35E-05	0.002329
0.000118	0.000676	6.62E-05	
202	0.000849	3.77E-05	6.02E-05
4.68E-05	0.000767	6.79E-05	
203	0.000850	3.13E-05	0.002542
0.000117	0.000883	8.27E-05	
204	0.000850	4.85E-05	0.005554
0.000253	0.000905	9.44E-05	
205	0.000851	7.14E-05	0.007814
0.000347	0.000800	9.11E-05	
206	0.000852	9.37E-05	0.009318
0.000406	0.000594	8.14E-05	
207	0.000852	0.000106	0.010084
0.000431	0.000411	6.84E-05	
208	0.000851	0.000106	0.010334
0.000431	0.000325	5.99E-05	
209	0.000850	9.52E-05	0.009752
0.000408	0.000372	6.14E-05	
210	0.000849	7.75E-05	0.008292
0.000353	0.000503	7.27E-05	
211	0.000847	5.90E-05	0.005973
0.000266	0.000660	8.72E-05	
212	0.000845	4.78E-05	0.002768
0.000144	0.000783	9.43E-05	
213	0.000844	5.12E-05	6.17E-05
7.60E-05	0.000897	9.71E-05	
214	0.000843	6.76E-05	0.002107
0.000139	0.001035	0.000115	
215	0.000841	0.000104	0.004414
0.000276	0.001076	0.000129	
216	0.000840	0.000148	0.005920
0.000362	0.000974	0.000121	
217	0.000839	0.000188	0.006703
0.000415	0.000757	0.000103	
218	0.000838	0.000219	0.006826
0.000433	0.000494	8.15E-05	
219	0.000838	0.000238	0.006386
0.000422	0.000355	6.63E-05	
220	0.000838	0.000243	0.005485
0.000385	0.000347	6.18E-05	
221	0.000839	0.000235	0.004223
0.000322	0.000393	6.24E-05	
222	0.000839	0.000215	0.002693
0.000232	0.000429	6.41E-05	
223	0.000840	0.000190	0.000976
7.31E-05	0.000400	5.37E-05	
224	0.000847	0.000176	0.000100
6.37E-05	0.000365	6.49E-05	
225	0.000792	0.000128	4.41E-05
8.08E-05	0.001190	0.000156	
226	0.000792	0.000119	0.000936
6.99E-05	0.001176	0.000127	
227	0.000793	0.000101	0.002563
0.000180	0.000924	0.000136	
228	0.000793	8.68E-05	0.004012
0.000231	0.000779	0.000111	
229	0.000792	8.83E-05	0.005203
0.000282	0.000496	8.36E-05	
230	0.000791	9.09E-05	0.006044
0.000309	0.000249	5.95E-05	
231	0.000791	8.72E-05	0.006437
0.000313	0.000128	4.71E-05	
232	0.000790	7.79E-05	0.006286
0.000296	0.000191	4.75E-05	
233	0.000789	6.62E-05	0.005509
0.000258	0.000316	5.45E-05	
234	0.000788	5.77E-05	0.004058
0.000206	0.000452	6.49E-05	
235	0.000788	5.72E-05	0.001889
0.000133	0.000555	6.91E-05	
236	0.000787	5.74E-05	3.68E-05
0.000105	0.000644	7.06E-05	
237	0.000787	5.72E-05	0.002500
0.000152	0.000746	6.36E-05	
238	0.000787	5.67E-05	0.005523
0.000231	0.000771	9.20E-05	
239	0.000787	6.39E-05	0.007750
0.000276	0.000686	8.39E-05	
240	0.000787	7.42E-05	0.009172
0.000307	0.000509	6.88E-05	
241	0.000788	6.02E-05	0.009754
0.000319	0.000354	5.78E-05	
242	0.000788	7.94E-05	0.009527
0.000316	0.000306	5.81E-05	
243	0.000788	7.21E-05	0.008770
0.000296	0.000365	6.66E-05	
244	0.000788	5.85E-05	0.007313
0.000256	0.000483	7.67E-05	
245	0.000788	4.06E-05	0.005148
0.000200	0.000594	8.72E-05	
246	0.000789	2.77E-05	0.002306
0.000122	0.000683	8.99E-05	
247	0.000789	2.91E-05	2.53E-05
7.46E-05	0.000758	8.89E-05	
248	0.000789	7.68E-05	0.002099
0.000129	0.000845	0.000102	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000788	5.56E-05	0.004659
0.000203	0.000848	0.000110	
250	0.000788	7.51E-05	0.006572
0.000254	0.000741	9.89E-05	
251	0.000788	8.95E-05	0.007821
0.000288	0.000542	8.14E-05	
252	0.000788	9.68E-05	0.008365
0.000304	0.000365	6.67E-05	
253	0.000787	9.73E-05	0.008366
0.000303	0.000280	5.77E-05	
254	0.000787	9.02E-05	0.007823
0.000287	0.000317	5.05E-05	
255	0.000787	7.59E-05	0.006574
0.000251	0.000423	4.76E-05	
256	0.000787	5.58E-05	0.004662
0.000201	0.000536	4.95E-05	
257	0.000787	3.55E-05	0.002101
0.000127	0.000621	5.10E-05	
258	0.000787	2.70E-05	2.56E-05
7.46E-05	0.000697	5.33E-05	
259	0.000787	2.49E-05	0.002307
0.000120	0.000787	6.54E-05	
260	0.000787	3.55E-05	0.005150
0.000198	0.000797	7.61E-05	
261	0.000787	4.84E-05	0.007315
0.000254	0.000701	7.53E-05	
262	0.000788	5.91E-05	0.008772
0.000294	0.000517	6.99E-05	
263	0.000788	6.36E-05	0.009529
0.000314	0.000350	6.40E-05	
264	0.000788	6.15E-05	0.009755
0.000318	0.000271	5.99E-05	
265	0.000788	5.41E-05	0.009174
0.000306	0.000330	6.37E-05	
266	0.000789	4.44E-05	0.007752
0.000276	0.000458	7.48E-05	
267	0.000789	3.52E-05	0.005526
0.000231	0.000606	8.68E-05	
268	0.000789	3.41E-05	0.002504
0.000162	0.000722	9.21E-05	
269	0.000788	3.96E-05	2.43E-05
0.000105	0.000818	9.33E-05	
270	0.000788	4.79E-05	0.001888
0.000132	0.000928	0.000109	
271	0.000787	6.59E-05	0.004057
0.000206	0.000959	0.000125	
272	0.000787	8.65E-05	0.005508
0.000259	0.000867	0.000111	
273	0.000786	0.000104	0.006286
0.000296	0.000672	9.34E-05	
274	0.000785	0.000115	0.006436
0.000314	0.000437	7.10E-05	
275	0.000785	0.000120	0.006044
0.000309	0.000289	5.47E-05	
276	0.000784	0.000119	0.005204
0.000282	0.000294	5.18E-05	
277	0.000784	0.000121	0.004015
0.000231	0.000347	5.27E-05	
278	0.000784	0.000128	0.002570
0.000159	0.000385	5.46E-05	
279	0.000784	0.000137	0.000950
7.07E-05	0.000370	4.62E-05	
280	0.000784	0.000143	4.73E-05
8.42E-05	0.000345	5.57E-05	
281	0.001164	2.91E-05	.000000
8.25E-05	0.001316	7.09E-06	
282	0.001273	3.99E-05	.000000
7.65E-05	0.000673	8.57E-06	
283	0.001600	.000000	.000000
5.38E-05	0.000794	1.12E-05	
284	.000000	.000000	.000000
3.18E-05	0.000731	9.36E-06	
285	0.001642	8.54E-05	.000000
1.16E-05	0.000871	1.19E-05	
286	0.001502	2.99E-05	.000000
6.92E-05	0.000366	8.19E-06	
287	0.001114	0.000108	.000000
0.000118	0.001228	7.62E-06	
288	0.001187	2.68E-05	.000000
8.25E-05	0.000632	2.58E-06	
289	0.001516	.000000	.000000
3.75E-05	0.000749	5.04E-06	
290	.000000	.000000	.000000
1.23E-05	0.000689	3.40E-06	
291	0.001554	8.09E-05	.000000
9.02E-06	0.000819	5.29E-06	
292	0.001404	0.000109	.000000
1.11E-05	0.000352	3.54E-06	
293	0.001038	2.12E-22	.000000
0.000128	0.001047	7.17E-06	
294	0.001059	7.94E-21	.000000
6.59E-05	0.000565	6.56E-06	
295	0.001373	4.44E-07	.000000
0.000121	0.000668	8.35E-06	
296	3.92E-06	2.70E-05	.000000
1.02E-06	0.000623	7.33E-06	
297	0.001353	0.000362	.000000
2.40E-21	0.000723	8.11E-06	
298	0.001156	0.000242	.000000
-3.90E-22	0.000335	1.06E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G1-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000929	-7.47E-05	-3.34E-07
-0.000203	-0.000364	-7.75E-06	
2	-0.000929	-7.46E-05	-0.003644
-0.000253	-0.000359	-6.89E-06	
3	-0.000930	-8.45E-05	-0.009706
-0.000356	-0.000331	-4.81E-06	
4	-0.000931	-9.74E-05	-0.014526
-0.000439	-0.000283	-4.33E-06	
5	-0.000933	-0.000106	-0.017769
-0.000483	-0.000226	-4.89E-06	
6	-0.000933	-0.000110	-0.019194
-0.000487	-0.000324	-6.39E-06	
7	-0.000933	-0.000109	-0.018704
-0.000456	-0.000361	-8.61E-06	
8	-0.000931	-0.000104	-0.016426
-0.000395	-0.000639	-1.09E-05	
9	-0.000929	-9.15E-05	-0.012702
-0.000308	-0.000866	-1.29E-05	
10	-0.000927	-0.000745	-0.008084
-0.000203	0.000978	-1.41E-05	
11	-0.000925	-9.07E-05	-0.003207
-9.65E-05	-0.000957	-1.34E-05	
12	-0.000924	-9.73E-05	-7.60E-07
-6.66E-05	-0.000868	-1.11E-05	
13	-0.000923	-0.000114	-0.002521
-0.000118	-0.000748	-8.10E-06	
14	-0.000922	-0.000145	-0.006428
-0.000229	-0.000564	-8.27E-06	
15	-0.000922	-0.000172	-0.010141
-0.000324	-0.000393	-5.49E-06	
16	-0.000923	-0.000185	-0.013080
-0.000389	-0.000251	-3.89E-06	
17	-0.000923	-0.000185	-0.014723
-0.000416	-0.000197	-4.13E-06	
18	-0.000924	-0.000176	-0.014799
-0.000408	-0.000276	-5.25E-06	
19	-0.000926	-0.000155	-0.013292
-0.000369	-0.000469	-7.19E-06	
20	-0.000927	-0.000124	-0.010433
-0.000297	-0.000684	-1.06E-05	
21	-0.000929	-8.76E-05	-0.006715
-0.000200	-0.000799	-1.08E-05	
22	-0.000931	-6.45E-05	-0.002686
-8.87E-05	-0.000799	-1.11E-05	
23	-0.000932	-6.45E-05	-7.28E-07
-5.12E-05	-0.000731	-1.02E-05	
24	-0.000934	-6.92E-05	-0.002904
-0.000102	-0.000635	-1.01E-05	
25	-0.000935	-9.94E-05	-0.007236
-0.000216	-0.000486	-8.30E-06	
26	-0.000937	-0.000129	-0.011232
-0.000313	-0.000355	-5.80E-06	
27	-0.000938	-0.000148	-0.014325
-0.000381	-0.000236	-3.99E-06	
28	-0.000941	-0.000156	-0.015997
-0.000415	-0.000202	-4.12E-06	
29	-0.000942	-0.000154	-0.015996
-0.000415	-0.000305	-5.23E-06	
30	-0.000944	-0.000146	-0.014322
-0.000381	-0.000503	-8.06E-06	
31	-0.000946	-0.000126	-0.011228
-0.000312	-0.000732	-8.80E-06	
32	-0.000948	-9.69E-05	-0.007232
-0.000215	-0.000855	-1.05E-05	
33	-0.000950	-6.92E-05	-0.002901
-0.000103	-0.000859	-1.09E-05	
34	-0.000951	-6.52E-05	-7.28E-07
-5.19E-05	-0.000793	-1.03E-05	
35	-0.000952	-6.42E-05	-0.002683
-8.71E-05	-0.000697	-1.06E-05	
36	-0.000952	-7.92E-05	-0.006710
-0.000198	-0.000545	-8.94E-06	
37	-0.000953	-0.000109	-0.010427
-0.000294	-0.000418	-6.34E-06	
38	-0.000953	-0.000131	-0.013287
-0.000366	-0.000288	-4.59E-06	
39	-0.000953	-0.000144	-0.014796
-0.000406	-0.000227	-4.37E-06	
40	-0.000953	-0.000147	-0.014721
-0.000414	-0.000305	-5.12E-06	
41	-0.000952	-0.000138	-0.013080
-0.000387	-0.000482	-6.12E-06	
42	-0.000951	-0.000119	-0.010141
-0.000322	-0.000683	-8.08E-06	
43	-0.000950	-9.45E-05	-0.006429
-0.000226	-0.000780	-9.61E-06	
44	-0.000949	-7.48E-05	-0.002522
-0.000116	-0.000758	-9.94E-06	
45	-0.000946	-7.80E-05	-7.57E-07
-6.17E-05	-0.000673	-9.40E-06	
46	-0.000944	-8.33E-05	-0.003208
-9.06E-05	-0.000561	-9.61E-06	
47	-0.000941	-0.000106	-0.008086
-0.000199	-0.000394	-7.39E-06	
48	-0.000939	-0.000134	-0.012705
-0.000306	-0.000236	-5.59E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000936	-0.000154	-0.016430
-0.000395	-9.45E-05	-3.64E-06	
50	-0.000934	-0.000164	-0.018709
-0.000458	-1.60E-05	-2.43E-06	
51	-0.000934	-0.000167	-0.019201
-0.000490	-0.000185	-2.76E-06	
52	-0.000934	-0.000162	-0.017777
-0.000486	-0.000481	-4.29E-06	
53	-0.000935	-0.000149	-0.014532
-0.000444	-0.000803	-6.08E-06	
54	-0.000936	-0.000134	-0.009712
-0.000363	-0.001090	-7.50E-06	
55	-0.000940	-0.000106	-0.003647
-0.000261	-0.001280	-7.76E-06	
56	-0.000941	-9.79E-05	-3.35E-07
-0.000212	-0.001314	-7.80E-06	
57	-0.000910	-6.62E-05	-4.02E-07
-0.000179	-0.000348	-4.41E-06	
58	-0.000912	-5.74E-05	-0.003379
-0.000236	-0.000343	-3.79E-06	
59	-0.000913	-4.54E-05	-0.008985
-0.000385	-0.000316	-2.56E-06	
60	-0.000912	-3.72E-05	-0.013441
-0.000497	-0.000270	-3.38E-06	
61	-0.000911	-3.09E-05	-0.016453
-0.000558	-0.000209	-4.14E-06	
62	-0.000909	-2.79E-05	-0.017791
-0.000568	-0.000204	-4.92E-06	
63	-0.000907	-2.71E-05	-0.017357
-0.000531	-0.000347	-5.59E-06	
64	-0.000903	-2.82E-05	-0.015264
-0.000456	-0.000603	-6.12E-06	
65	-0.000903	-3.25E-05	-0.011827
-0.000348	-0.000813	-6.34E-06	
66	-0.000900	-4.86E-05	-0.007548
-0.000220	-0.000918	-6.41E-06	
67	-0.000898	-7.50E-05	-0.003002
-8.60E-05	-0.000900	-5.94E-06	
68	-0.000897	-9.19E-05	-8.90E-07
-5.57E-05	-0.000817	-4.46E-06	
69	-0.000896	-0.000102	-0.002358
-0.000119	-0.000704	-4.62E-06	
70	-0.000895	-0.000111	-0.006002
-0.000253	-0.000535	-2.92E-06	
71	-0.000895	-0.000114	-0.009448
-0.000368	-0.000376	-1.41E-06	
72	-0.000894	-0.000112	-0.012169
-0.000449	-0.000240	-1.49E-06	
73	-0.000894	-0.000104	-0.013690
-0.000485	-0.000180	-2.08E-06	
74	-0.000895	-9.20E-05	-0.013762
-0.000475	-0.000263	-2.82E-06	
75	-0.000895	-7.60E-05	-0.012370
-0.000424	-0.000441	-3.75E-06	
76	-0.000896	-6.05E-05	-0.009724
-0.000335	-0.000640	-4.59E-06	
77	-0.000896	-4.67E-05	-0.006273
-0.000217	-0.000749	-5.30E-06	
78	-0.000897	-3.84E-05	-0.002514
-8.78E-05	-0.000752	-5.34E-06	
79	-0.000897	-4.51E-05	-8.72E-07
-2.73E-05	-0.000688	-4.19E-06	
80	-0.000898	-5.36E-05	-0.002726
-0.000102	-0.000597	-4.08E-06	
81	-0.000898	-6.20E-05	-0.006781
-0.000236	-0.000461	-3.12E-06	
82	-0.000899	-6.93E-05	-0.010503
-0.000353	-0.000340	-2.23E-06	
83	-0.000898	-7.43E-05	-0.013377
-0.000439	-0.000227	-1.72E-06	
84	-0.000898	-7.59E-05	-0.014929
-0.000483	-0.000189	-1.75E-06	
85	-0.000898	-7.42E-05	-0.014929
-0.000483	-0.000283	-2.19E-06	
86	-0.000898	-7.11E-05	-0.013376
-0.000437	-0.000471	-2.87E-06	
87	-0.000898	-6.55E-05	-0.010503
-0.000351	-0.000683	-3.81E-06	
88	-0.000898	-5.84E-05	-0.006781
-0.000233	-0.000852	-4.42E-06	
89	-0.000899	-5.13E-05	-0.002726
-0.000100	-0.000811	-5.22E-06	
90	-0.000899	-4.46E-05	-8.71E-07
-2.69E-05	-0.000749	-4.17E-06	
91	-0.000899	-3.67E-05	-0.002513
-8.80E-05	-0.000659	-4.44E-06	
92	-0.000899	-3.92E-05	-0.006273
-0.000216	-0.000519	-3.75E-06	
93	-0.000899	-4.49E-05	-0.009724
-0.000333	-0.000401	-2.91E-06	
94	-0.000899	-5.15E-05	-0.012369
-0.000422	-0.000277	-2.30E-06	
95	-0.000899	-5.68E-05	-0.013763
-0.000474	-0.000215	-2.09E-06	
96	-0.000899	-5.90E-05	-0.013691
-0.000484	-0.000277	-2.00E-06	
97	-0.000899	-5.80E-05	-0.012170
-0.000448	-0.000442	-2.37E-06	
98	-0.000898	-5.64E-05	-0.009448
-0.000368	-0.000631	-3.11E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000897	-5.57E-05	-0.006002
-0.000253	-0.000727	-4.10E-06	
100	-0.000895	-5.77E-05	-0.002359
-0.000119	-0.000711	-4.43E-06	
101	-0.000894	-5.91E-05	-8.98E-07
-5.17E-05	-0.000633	-3.46E-06	
102	-0.000893	-5.99E-05	-0.003002
-8.77E-05	-0.000528	-3.48E-06	
103	-0.000890	-6.20E-05	-0.007549
-0.000220	-0.000375	-2.86E-06	
104	-0.000888	-6.79E-05	-0.011829
-0.000347	-0.000230	-2.19E-06	
105	-0.000886	-7.40E-05	-0.015265
-0.000456	-9.63E-05	-1.29E-06	
106	-0.000884	-7.93E-05	-0.017357
-0.000532	-2.48E-05	-1.29E-06	
107	-0.000883	-8.28E-05	-0.017791
-0.000568	-0.000166	-9.70E-07	
108	-0.000882	-8.46E-05	-0.016452
-0.000558	-0.000432	-1.22E-06	
109	-0.000881	-8.49E-05	-0.013439
-0.000496	-0.000735	-1.91E-06	
110	-0.000882	-8.55E-05	-0.008982
-0.000382	-0.001006	-3.29E-06	
111	-0.000883	-9.15E-05	-0.003377
-0.000230	-0.001191	-6.92E-06	
112	-0.000884	-9.75E-05	-3.97E-07
-0.000170	-0.001227	-8.14E-06	
113	-0.000849	-6.25E-05	-1.57E-07
-0.000259	-0.000332	-1.23E-05	
114	-0.000848	-5.46E-05	-0.002887
-0.000306	-0.000328	-1.22E-05	
115	-0.000845	-4.95E-05	-0.007737
-0.000423	-0.000303	-1.12E-05	
116	-0.000842	-8.49E-05	-0.011651
-0.000507	-0.000259	-1.03E-05	
117	-0.000839	-0.000118	-0.014327
-0.000548	-0.000199	-8.13E-06	
118	-0.000837	-0.000142	-0.015536
-0.000547	-0.000166	-6.05E-06	
119	-0.000835	-0.000156	-0.015194
-0.000513	-0.000310	-4.86E-06	
120	-0.000833	-0.000156	-0.013388
-0.000444	-0.000538	-4.60E-06	
121	-0.000832	-0.000143	-0.010398
-0.000349	-0.000723	-5.07E-06	
122	-0.000831	-0.000122	-0.006663
-0.000238	-0.000815

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
149	-0.000820	-0.000124	-0.008473
-0.000335	-0.000387	-7.16E-06	
150	-0.000821	-0.000148	-0.010756
-0.000412	-0.000267	-5.83E-06	
151	-0.000822	-0.000160	-0.011953
-0.000456	-0.000195	-4.39E-06	
152	-0.000823	-0.000160	-0.011881
-0.000465	-0.000224	-3.77E-06	
153	-0.000823	-0.000146	-0.010559
-0.000434	-0.000376	-4.03E-06	
154	-0.000824	-0.000121	-0.008201
-0.000365	-0.000542	-4.46E-06	
155	-0.000824	-9.22E-05	-0.005225
-0.000267	-0.000625	-5.45E-06	
156	-0.000824	-6.59E-05	-0.002073
-0.000163	-0.000618	-6.45E-06	
157	-0.000824	-5.45E-05	-3.95E-07
-0.000112	-0.000565	-7.03E-06	
158	-0.000824	-7.42E-05	-0.002676
-0.000129	-0.000488	-7.42E-06	
159	-0.000823	-0.000104	-0.006663
-0.000234	-0.000358	-7.23E-06	
160	-0.000823	-0.000133	-0.010397
-0.000347	-0.000224	-6.10E-06	
161	-0.000823	-0.000153	-0.013386
-0.000445	-9.65E-05	-4.54E-06	
162	-0.000822	-0.000162	-0.015192
-0.000513	-2.41E-05	-2.79E-06	
163	-0.000821	-0.000156	-0.015534
-0.000548	-2.34E-06	-1.25E-06	
164	-0.000819	-0.000137	-0.014325
-0.000548	-0.000368	-3.41E-06	
165	-0.000817	-0.000107	-0.011650
-0.000508	-0.000637	-4.67E-06	
166	-0.000814	-7.48E-05	-0.007736
-0.000425	-0.000867	-5.79E-06	
167	-0.000812	-7.97E-05	-0.002887
-0.000310	-0.001014	-6.49E-06	
168	-0.000811	-8.59E-05	-1.60E-07
-0.000263	-0.001041	-6.61E-06	
169	-0.000925	-5.65E-05	-0.000101
-0.000184	-0.000361	-7.18E-05	
170	-0.000925	-5.82E-05	-0.003534
-0.000228	-0.000397	-5.82E-05	
171	-0.000925	-6.31E-05	-0.009418
-0.000413	-0.000428	-6.93E-05	
172	-0.000924	-6.64E-05	-0.014095
-0.000533	-0.000392	-6.67E-05	
173	-0.000923	-6.69E-05	-0.017260
-0.000602	-0.000347	-6.50E-05	
174	-0.000922	-6.48E-05	-0.018652
-0.000617	-0.000355	-6.72E-05	
175	-0.000920	-6.10E-05	-0.018182
-0.000581	-0.000494	-7.93E-05	
176	-0.000918	-5.58E-05	-0.015966
-0.000502	-0.000757	-0.000102	
177	-0.000917	-5.36E-05	-0.012350
-0.000392	-0.000974	-0.000120	
178	-0.000913	-5.88E-05	-0.007864
-0.000265	-0.001076	-0.000129	
179	-0.000911	-6.79E-05	-0.003113
-0.000122	-0.001035	-0.000116	
180	-0.000909	-8.58E-05	-7.55E-05
-6.94E-05	-0.000897	-0.000102	
181	-0.000908	-0.000106	-0.002458
-0.000147	-0.000783	-9.31E-05	
182	-0.000908	-0.000127	-0.006268
-0.000284	-0.000660	-8.72E-05	
183	-0.000907	-0.000142	-0.009881
-0.000402	-0.000503	-7.49E-05	
184	-0.000907	-0.000147	-0.012745
-0.000489	-0.000372	-6.42E-05	
185	-0.000908	-0.000143	-0.014348
-0.000529	-0.000326	-6.18E-05	
186	-0.000909	-0.000132	-0.014423
-0.000521	-0.000411	-6.94E-05	
187	-0.000910	-0.000113	-0.012950
-0.000470	-0.000594	-8.56E-05	
188	-0.000911	-8.70E-05	-0.010164
-0.000376	-0.000800	-0.000100	
189	-0.000912	-5.97E-05	-0.006545
-0.000259	-0.000905	-0.000108	
190	-0.000913	-4.21E-05	-0.002616
-0.000123	-0.000984	-9.97E-05	
191	-0.000914	-4.46E-05	-6.06E-05
-6.10E-05	-0.000767	-8.35E-05	
192	-0.000915	-5.51E-05	-0.002832
-0.000134	-0.000676	-8.16E-05	
193	-0.000916	-7.98E-05	-0.007061
-0.000270	-0.000586	-7.71E-05	
194	-0.000917	-9.21E-05	-0.010955
-0.000390	-0.000467	-6.60E-05	
195	-0.000918	-0.000111	-0.013971
-0.000479	-0.000358	-5.81E-05	
196	-0.000919	-0.000116	-0.015605
-0.000523	-0.000333	-5.94E-05	
197	-0.000919	-0.000114	-0.015604
-0.000523	-0.000435	-7.08E-05	
198	-0.000920	-0.000107	-0.013969
-0.000477	-0.000627	-8.55E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
199	-0.000921	-9.47E-05	-0.010952
-0.000387	-0.000846	-9.60E-05	
200	-0.000922	-7.57E-05	-0.007058
-0.000268	-0.000960	-0.000100	
201	-0.000923	-5.35E-05	-0.002830
-0.000132	-0.000944	-8.79E-05	
202	-0.000923	-4.47E-05	-6.15E-05
-6.10E-05	-0.000828	-7.27E-05	
203	-0.000924	-4.11E-05	-0.002615
-0.000121	-0.000737	-7.13E-05	
204	-0.000925	-5.33E-05	-0.006543
-0.000256	-0.000645	-7.18E-05	
205	-0.000925	-7.04E-05	-0.010161
-0.000374	-0.000527	-6.76E-05	
206	-0.000926	-8.72E-05	-0.012948
-0.000467	-0.000406	-6.53E-05	
207	-0.000926	-9.75E-05	-0.014421
-0.000519	-0.000356	-6.53E-05	
208	-0.000926	-0.000100	-0.014347
-0.000527	-0.000433	-6.96E-05	
209	-0.000925	-9.59E-05	-0.012744
-0.000488	-0.000601	-8.25E-05	
210	-0.000924	-8.63E-05	-0.009881
-0.000402	-0.000795	-9.81E-05	
211	-0.000923	-7.29E-05	-0.006268
-0.000284	-0.000884	-0.000106	
212	-0.000921	-5.91E-05	-0.002457
-0.000148	-0.000841	-9.63E-05	
213	-0.000920	-5.82E-05	-5.98E-05
-7.03E-05	-0.000709	-8.06E-05	
214	-0.000918	-6.52E-05	-0.003118
-0.000122	-0.000602	-7.79E-05	
215	-0.000915	-8.15E-05	-0.007868
-0.000265	-0.000494	-7.29E-05	
216	-0.000912	-0.000100	-0.012353
-0.000392	-0.000348	-6.28E-05	
217	-0.000910	-0.000113	-0.015968
-0.000503	-0.000217	-5.66E-05	
218	-0.000908	-0.000120	-0.018184
-0.000582	-0.000153	-5.40E-05	
219	-0.000906	-0.000123	-0.018652
220	-0.000906	-0.000121	-0.017258
-0.000604	-0.000595	-7.96E-05	
221	-0.000906	-0.000115	-0.014091
-0.000535	-0.000905	-0.000104	
222	-0.000907	-0.000105	-0.009409
-0.000414	-0.001177	-0.000132	
223	-0.000908	-9.16E-05	-0.003521
-0.000228	-0.001332	-0.000126	
224	-0.000909	-8.46E-05	-0.000105
-0.000181	-0.001328	-0.000154	
225	-0.000879	-7.92E-05	-0.000183
-9.78E-05	-0.000348	-7.02E-05	
226	-0.000879	-5.05E-05	-0.003236
-0.000221	-0.000372	-5.81E-05	
227	-0.000878	-3.98E-05	-0.008474
-0.000450	-0.000386	-6.83E-05	
228	-0.000877	-3.43E-05	-0.012670
-0.000575	-0.000347	-6.35E-05	
229	-0.000875	-4.95E-05	-0.015529
-0.000635	-0.000294	-6.13E-05	
230	-0.000873	-6.66E-05	-0.016810
-0.000643	-0.000290	-6.02E-05	
231	-0.000871	-7.68E-05	-0.016415
-0.000605	-0.000436	-6.91E-05	
232	-0.000869	-7.93E-05	-0.014449
-0.000523	-0.000672	-8.78E-05	
233	-0.000867	-7.70E-05	-0.011218
-0.000401	-0.000867	-0.000105	
234	-0.000866	-7.62E-05	-0.007196
-0.000251	-0.000958	-0.000114	
235	-0.000864	-8.16E-05	-0.002910
-8.71E-05	-0.000928	-0.000103	
236	-0.000864	-8.75E-05	-0.000154
-2.90E-05	-0.000818	-8.63E-05	
237	-0.000863	-9.21E-05	-0.002279
-0.000126	-0.000722	-8.35E-05	
238	-0.000862	-9.75E-05	-0.005698
-0.000292	-0.000607	-0.000133	
239	-0.000862	-0.000106	-0.008926
-0.000426	-0.000458	-6.38E-05	
240	-0.000862	-0.000118	-0.011485
-0.000516	-0.000330	-5.29E-05	
241	-0.000862	-0.000123	-0.012919
-0.000556	-0.000271	-5.06E-05	
242	-0.000862	-0.000118	-0.012992
-0.000547	-0.000350	-6.11E-05	
243	-0.000862	-0.000105	-0.011682
-0.000494	-0.000516	-7.90E-05	
244	-0.000863	-8.52E-05	-0.009198
-0.000395	-0.000701	-9.50E-05	
245	-0.000863	-6.08E-05	-0.005965
-0.000256	-0.000782	-0.000118	
246	-0.000863	-4.23E-05	-0.002432
-9.36E-05	-0.000786	-9.54E-05	
247	-0.000863	-4.19E-05	-0.000134
-2.02E-05	-0.000696	-8.18E-05	
248	-0.000863	-4.77E-05	-0.002640
-0.000108	-0.000621	-8.14E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
249	-0.000863	-6.13E-05	-0.006464
-0.000276	-0.000536	-7.87E-05	
250	-0.000863	-7.97E-05	-0.009965
-0.000414	-0.000423	-6.92E-05	
251	-0.000862	-9.46E-05	-0.012674
-0.000510	-0.000317	-6.04E-05	
252	-0.000861	-0.000102	-0.014141
-0.000555	-0.000280	-5.94E-05	
253	-0.000861	-0.000102	-0.014141
-0.000555	-0.000365	-6.59E-05	
254	-0.000860	-9.53E-05	-0.012675
-0.000508	-0.000542	-7.36E-05	
255	-0.000860	-8.10E-05	-0.009967
-0.000412	-0.000741	-7.99E-05	
256	-0.000860	-6.19E-05	-0.006466
-0.000274	-0.000848	-8.12E-05	
257	-0.000859	-4.55E-05	-0.002642
-0.000107	-0.000845	-7.04E-05	
258	-0.000859	-4.00E-05	-0.000134
-2.01E-05	-0.000759	-5.80E-05	
259	-0.000860	-3.30E-05	-0.002433
-9.19E-05	-0.000683	-5.59E-05	
260	-0.000860	-5.45E-05	-0.005967
-0.000254	-0.000594	-5.46E-05	
261	-0.000860	-7.34E-05	-0.009200
-0.000392	-0.000483	-5.19E-05	
262	-0.000860	-8.25E-05	-0.011684
-0.000492	-0.000365	-5.33E-05	
263	-0.000861	-9.90E-05	-0.012994
-0.000545	-0.000306	-5.94E-05	
264	-0.000861	-9.94E-05	-0.012921
-0.000554	-0.000354	-6.72E-05	
265	-0.000860	-9.11E-05	-0.011486
-0.000516	-0.000509	-7.55E-05	
266	-0.000860	-7.70E-05	-0.008927
-0.000425	-0.000686	-9.53E-05	
267	-0.000859	-6.21E-05	-0.005698
-0.000292	-0.000771	-0.000103	
268	-0.000859	-5.25E-05	-0.002280
-0.000126	-0.000746	-9.40E-05	
269	-0.000858	-5.22E-05	-0.000137
-2.79E-05	-0.000644	-7.96E-05	
270	-0.000857	-5.43E-05	-0.002906
-8.56E-05	-0.000555	-7.85E-05	
271	-0.000856	-6.79E-05	-0.007194
-0.000251	-0.000452	-7.35E-05	
272	-0.000855	-8.35E-05	-0.011217
-0.000401	-0.000316	-5.22E-05	
273	-0.000853	-9.36E-05	-0.014447
-0.000523	-0.000191	-5.40E-05	
274	-0.000852	-9.63E-05	-0.016414
-0.000605	-0.000128	-4.82E-05	
275	-0.000851	-9.14E-05	-0.016810
-0.000644	-0.000249	-5.18E-05	
276	-0.000849	-8.02E-05	-0.015529
-0.000635	-0.000496	-7.14E-05	
277	-0.000848	-7.39E-05	-0.012671
-0.000575	-0.000779	-9.61E-05	
278	-0.000847	-7.62E-05	-0.008480
-0.000450	-0.001023	-0.000120	
279	-0.000846	-6.44E-05	-0.003245
-0.000221	-0.001174	-0.000113	
280	-0.000846	-8.84E-05	-0.000182
-0.000101	-0.001188	-0.000138	
281	-0.002196	-1.54E-05	.000000
-0.000194	-0.000362	-7.75E-06	
282	-0.001079	-3.38E-05	.000000
-5.11E-05	-0.000868	-1.11E-05	
283	-0.001855	.000000	.000000
-5.12E-05	-0.000731	-1.02E-05	
284	.000000	.000000	.000000
-2.56E-05	-0.000794	-1.03E-05	
285	-0.001854	-9.65E-05	.000000
-1.40E-05	-0.000676	-9.40E-06	
286	-0.000652	-1.39E-05	.000000
-0.000164	-0.001321	-7.80E-06	
287	-0.002092	-5.76E-05	.000000
-0.000138	-0.000343	-4.41E-06	
288	-0.001023	-3.09E-05	.000000
-6.38E-05	-0.000817	-4.46E-06	
289	-0.001771	.000000	.000000
-2.73E-05	-0.000688	-4.19E-06	
290	.000000	.000000	.000000
2.06E-21	-0.000749	-4.17E-06	
291	-0.001749	-9.10E-05	.000000
-1.81E-06	-0.000634	-3.46E-06	
292	-0.000611	-4.75E-05	.000000
7.48E-21	-0.001235	-8.14E-06	
293	-0.001855	-1.04E-05	.000000
-0.000212	-0.000316	-1.23E-05	
294	-0.000921	-0.000144	.000000
-0.000168	-0.000731	-7.72E-06	
295	-0.001629	-6.99E-05	.000000
-0.000189	-0.000594	-7.49E-06	
296	-7.02E-07	-0.000151	.000000
-8.03E-05	-0.000684	-8.00E-06	
297	-0.001501	-0.000541	.000000
-9.15E-05	-0.000577	-7.03E-06	
298	-0.000516	-0.000244	.000000
-9.18E-06	-0.001065	-6.61E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-1 ---------- MAX

JOINT	U1	U2	U3
	R1	R2	R3
1	0.000296	4.08E-05	1.40E-08
3.72E-05	0.000465	8.69E-06	
2	0.000295	4.80E-05	0.000355
4.71E-05	0.000456	7.61E-06	
3	0.000295	6.37E-05	0.000971
6.48E-05	0.000393	3.91E-06	
4	0.000295	7.29E-05	0.001520
7.21E-05	0.000294	1.42E-06	
5	0.000296	7.43E-05	0.001975
7.72E-05	0.000178	7.74E-07	
6	0.000296	6.95E-05	0.002303
8.50E-05	6.77E-05	6.47E-07	
7	0.000296	5.95E-05	0.002467
9.17E-05	7.43E-06	6.26E-07	
8	0.000295	4.47E-05	0.002428
9.95E-05	3.31E-05	6.70E-07	
9	0.000296	2.71E-05	0.002150
9.94E-05	8.35E-05	8.13E-07	
10	0.000296	1.04E-05	0.001604
8.64E-05	0.000140	1.04E-06	
11	0.000296	7.55E-06	0.000763
6.36E-05	0.000199	1.32E-06	
12	0.000296	1.21E-05	2.38E-08
4.79E-05	0.000238	2.02E-06	
13	0.000296	1.82E-05	0.000998
5.81E-05	0.000268	4.50E-06	
14	0.000295	3.30E-05	0.002161
8.04E-05	0.000278	4.46E-06	
15	0.000295	4.67E-05	0.002998
9.60E-05	0.000246	2.80E-06	
16	0.000295	5.50E-05	0.003521
0.000104	0.000175	1.71E-06	
17	0.000295	5.73E-05	0.003728
0.000106	0.000109	1.28E-06	
18	0.000296	5.41E-05	0.003636
0.000107	8.06E-05	1.41E-06	
19	0.000296	4.54E-05	0.003369
0.000107	0.000101	1.67E-06	
20	0.000297	3.21E-05	0.002829
0.000100	0.000147	1.86E-06	
21	0.000298	1.46E-05	0.002012
8.12E-05	0.000193	1.95E-06	
22	0.000299	1.41E-06	0.000918
5.34E-05	0.000246	2.11E-06	
23	0.000300	2.82E-06	4.46E-08
3.67E-05	0.000279	3.04E-06	
24	0.000300	1.07E-05	0.000842
5.22E-05	0.000302	5.43E-06	
25	0.000301	2.78E-05	0.001833
7.81E-05	0.000301	5.16E-06	
26	0.000301	4.60E-05	0.002557
9.53E-05	0.000259	3.43E-06	
27	0.000302	5.80E-05	0.003018
0.000103	0.000179	2.02E-06	
28	0.000303	6.37E-05	0.003213
0.000104	0.000106	1.30E-06	
29	0.000304	6.33E-05	0.003212
0.000104	7.01E-05	9.38E-07	
30	0.000305	5.69E-05	0.003016
0.000103	8.32E-05	8.74E-07	
31	0.000305	4.47E-05	0.002554
9.53E-05	0.000152	1.00E-06	
32	0.000306	2.66E-05	0.001830
7.81E-05	0.000171	1.10E-06	
33	0.000307	1.01E-05	0.000841
5.22E-05	0.000224	1.34E-06	
34	0.000307	3.03E-06	4.48E-08
3.67E-05	0.000256	2.37E-06	
35	0.000308	1.09E-05	0.000917
5.33E-05	0.000279	4.96E-06	
36	0.000308	1.21E-05	0.002011
8.11E-05	0.000279	4.83E-06	
37	0.000309	2.66E-05	0.002829
0.000100	0.000238	3.20E-06	
38	0.000309	3.72E-05	0.003368
0.000107	0.000162	1.89E-06	
39	0.000309	4.16E-05	0.003637
0.000107	9.32E-05	1.20E-06	
40	0.000309	4.13E-05	0.003730
0.000105	6.49E-05	8.33E-07	
41	0.000308	3.66E-05	0.003524
0.000103	8.72E-05	8.35E-07	
42	0.000308	2.62E-05	0.003001
9.53E-05	0.000138	1.08E-06	
43	0.000307	1.38E-05	0.002163
7.95E-05	0.000198	1.39E-06	
44	0.000305	8.76E-06	0.000999
5.69E-05	0.000263	1.98E-06	2.29E-08
45	0.000304	1.13E-05	
4.73E-05	0.000304	3.28E-06	
46	0.000304	1.57E-05	0.000762
6.30E-05	0.000333	5.75E-06	
47	0.000304	3.19E-05	0.001603
8.53E-05	0.000339	5.80E-06	
48	0.000304	5.41E-05	0.002149
9.93E-05	0.000299	4.51E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
49	0.000304	7.30E-05	0.002427
0.000100	0.000218	3.28E-06	
50	0.000304	8.62E-05	0.002467
9.26E-05	0.000119	2.22E-06	
51	0.000304	9.37E-05	0.002304
8.62E-05	6.44E-05	1.35E-06	
52	0.000304	9.52E-05	0.001977
7.88E-05	7.67E-05	6.86E-07	
53	0.000304	8.99E-05	0.001522
7.41E-05	9.89E-05	5.03E-07	
54	0.000305	7.65E-05	0.000972
6.74E-05	0.000116	7.20E-07	
55	0.000307	5.83E-05	0.000356
5.04E-05	0.000126	9.52E-07	
56	0.000305	4.63E-05	1.46E-08
4.08E-05	0.000128	1.02E-06	
57	0.000294	7.65E-05	1.27E-08
1.84E-05	0.000443	1.19E-06	
58	0.000294	6.60E-05	0.000334
2.02E-05	0.000427	1.06E-06	
59	0.000294	5.85E-05	0.000911
2.48E-05	0.000353	8.18E-07	
60	0.000294	5.61E-05	0.001426
2.88E-05	0.000253	7.33E-07	
61	0.000294	5.25E-05	0.001849
3.15E-05	0.000186	7.05E-07	
62	0.000294	4.63E-05	0.002150
3.29E-05	5.76E-05	6.90E-07	
63	0.000294	3.80E-05	0.002295
3.26E-05	5.95E-06	6.69E-07	
64	0.000294	2.96E-05	0.002249
3.00E-05	3.34E-05	7.28E-07	
65	0.000294	2.40E-05	0.001985
2.41E-05	7.90E-05	1.10E-06	
66	0.000293	2.61E-05	0.001482
1.32E-05	0.000129	2.13E-06	
67	0.000293	3.78E-05	0.000712
6.43E-06	0.000184	2.64E-06	
68	0.000292	4.43E-05	1.84E-08
2.04E-05	0.000225	1.23E-06	
69	0.000292	4.22E-05	0.000932
3.14E-05	0.000256	8.71E-07	
70	0.000292	3.77E-05	0.002005
4.35E-05	0.000260	8.99E-07	
71	0.000292	3.86E-05	0.002781
4.89E-05	0.000224	8.09E-07	
72	0.000292	4.05E-05	0.003274
4.94E-05	0.000156	8.72E-07	
73	0.000292	4.00E-05	0.003473
4.68E-05	0.000101	1.02E-06	
74	0.000292	3.64E-05	0.003391
4.41E-05	7.62E-05	1.19E-06	
75	0.000292	2.99E-05	0.003130
4.00E-05	9.58E-05	1.47E-06	
76	0.000292	2.40E-05	0.002624
3.32E-05	0.000138	1.97E-06	
77	0.000292	2.21E-05	0.001868
2.20E-05	0.000179	3.06E-06	
78	0.000292	2.83E-05	0.000859
5.72E-06	0.000229	3.58E-06	
79	0.000293	3.62E-05	4.07E-08
4.16E-06	0.000266	2.11E-06	
80	0.000293	3.65E-05	0.000787
1.57E-05	0.000292	1.52E-06	
81	0.000293	3.44E-05	0.001696
2.97E-05	0.000289	1.57E-06	
82	0.000293	3.73E-05	0.002363
3.77E-05	0.000245	1.52E-06	
83	0.000293	4.23E-05	0.002795
4.13E-05	0.000169	1.19E-06	
84	0.000293	4.53E-05	0.002983
4.19E-05	0.000106	9.54E-07	
85	0.000293	4.48E-05	0.002982
4.18E-05	6.87E-05	7.25E-07	
86	0.000293	4.10E-05	0.002795
4.09E-05	7.81E-05	7.05E-07	
87	0.000293	3.56E-05	0.002362
3.73E-05	0.000116	1.27E-06	
88	0.000293	3.29E-05	0.001695
2.92E-05	0.000158	2.42E-06	
89	0.000294	3.56E-05	0.000786
1.54E-05	0.000208	3.01E-06	
90	0.000294	3.61E-05	4.08E-08
4.11E-06	0.000245	1.51E-06	
91	0.000294	2.82E-05	0.000859
5.71E-06	0.000272	1.05E-06	
92	0.000294	2.02E-05	0.001868
2.19E-05	0.000273	1.25E-06	
93	0.000294	1.95E-05	0.002624
3.29E-05	0.000234	1.33E-06	
94	0.000293	2.24E-05	0.003131
3.98E-05	0.000163	1.12E-06	
95	0.000293	2.47E-05	0.003393
4.39E-05	0.000101	8.91E-07	
96	0.000293	2.52E-05	0.003475
4.67E-05	6.67E-05	6.78E-07	
97	0.000293	2.32E-05	0.003276
4.94E-05	8.21E-05	6.78E-07	
98	0.000292	2.19E-05	0.002783
4.89E-05	0.000129	1.36E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
99	0.000291	2.40E-05	0.002006
4.33E-05	0.000184	2.65E-06	
100	0.000291	3.28E-05	0.000932
3.10E-05	0.000245	3.40E-06	
101	0.000291	3.83E-05	2.08E-08
1.87E-05	0.000290	2.16E-06	
102	0.000290	3.73E-05	0.000711
6.41E-06	0.000325	1.84E-06	
103	0.000289	3.61E-05	0.001481
1.39E-05	0.000334	2.17E-06	
104	0.000289	4.14E-05	0.001983
2.42E-05	0.000297	2.37E-06	
105	0.000288	5.10E-05	0.002248
3.00E-05	0.000224	2.19E-06	
106	0.000288	6.03E-05	0.002293
3.26E-05	0.000133	1.79E-06	
107	0.000288	6.67E-05	0.002148
3.28E-05	8.04E-05	1.19E-06	
108	0.000288	6.97E-05	0.001847
3.12E-05	7.28E-05	6.98E-07	
109	0.000288	6.96E-05	0.001424
2.80E-05	9.30E-05	6.25E-07	
110	0.000288	6.79E-05	0.000910
2.34E-05	0.000109	1.56E-06	
111	0.000288	7.20E-05	0.000333
1.75E-05	0.000119	3.52E-06	
112	0.000288	8.08E-05	1.09E-08
1.46E-05	0.000121	4.19E-06	
113	0.000253	6.07E-05	1.69E-08
2.74E-05	0.000329	1.04E-06	
114	0.000253	4.63E-05	0.000310
2.60E-05	0.000321	1.04E-06	
115	0.000253	2.27E-05	0.000848
2.46E-05	0.000273	1.03E-06	
116	0.000253	1.28E-05	0.001327
2.71E-05	0.000253	9.99E-07	
117	0.000252	1.17E-05	0.001720
2.94E-05	0.000110	9.59E-07	
118	0.000252	1.37E-05	0.001995
3.05E-05	2.92E-05	9.69E-07	
119	0.000251	1.78E-05	0.002120
3.04E-05	2.87E-06	1.11E-06	
120	0.000251	2.22E-05	0.002061
2.89E-

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
149	0.000244	1.80E-05	0.002394
3.38E-05	0.000180	3.14E-07	
150	0.000244	1.52E-05	0.002885
3.83E-05	0.000125	2.80E-07	
151	0.000244	1.32E-05	0.003144
4.11E-05	6.99E-05	6.35E-07	
152	0.000245	1.23E-05	0.003217
4.37E-05	5.12E-05	1.28E-06	
153	0.000246	1.33E-05	0.003018
4.67E-05	7.93E-05	2.04E-06	
154	0.000246	1.60E-05	0.002538
4.73E-05	0.000124	2.84E-06	
155	0.000247	2.03E-05	0.001795
4.30E-05	0.000174	3.03E-06	
156	0.000248	2.47E-05	0.000807
3.02E-05	0.000221	2.34E-06	
157	0.000249	2.66E-05	2.81E-08
1.66E-05	0.000245	1.49E-06	
158	0.000249	2.72E-05	0.000603
1.41E-05	0.000261	7.44E-07	
159	0.000249	2.54E-05	0.001307
1.90E-05	0.000265	3.97E-07	
160	0.000249	2.24E-05	0.001793
2.54E-05	0.000238	3.56E-07	
161	0.000248	1.95E-05	0.002060
2.89E-05	0.000179	3.66E-07	
162	0.000248	1.81E-05	0.002118
3.05E-05	0.000102	8.66E-07	
163	0.000248	1.70E-05	0.001993
3.07E-05	5.21E-05	1.48E-06	
164	0.000248	1.76E-05	0.001718
2.98E-05	6.80E-05	2.21E-06	
165	0.000247	2.05E-05	0.001326
2.78E-05	8.67E-05	3.13E-06	
166	0.000247	3.04E-05	0.000847
2.56E-05	0.000102	4.11E-06	
167	0.000247	5.17E-05	0.000310
2.75E-05	0.000111	4.81E-06	
168	0.000247	6.46E-05	1.80E-08
2.93E-05	0.000112	4.90E-06	
169	0.000295	5.12E-05	4.75E-06
2.09E-05	0.000523	6.34E-05	
170	0.000295	5.88E-05	0.000346
3.42E-05	0.000558	5.36E-05	
171	0.000295	7.08E-05	0.000942
6.09E-05	0.000229	5.69E-05	
172	0.000295	7.79E-05	0.001475
5.61E-05	0.000439	4.70E-05	
173	0.000294	7.86E-05	0.001915
5.49E-05	0.000331	3.62E-05	
174	0.000294	7.35E-05	0.002230
5.69E-05	0.000234	2.51E-05	
175	0.000294	6.30E-05	0.002385
6.27E-05	0.000169	1.90E-05	
176	0.000294	4.82E-05	0.002344
6.92E-05	0.000179	1.84E-05	
177	0.000294	3.27E-05	0.002073
6.99E-05	0.000218	2.06E-05	
178	0.000293	1.83E-05	0.001545
6.36E-05	0.000265	2.51E-05	
179	0.000294	1.72E-05	0.000728
4.03E-05	0.000260	2.61E-05	
180	0.000294	2.17E-05	7.09E-06
2.73E-05	0.000301	2.77E-05	
181	0.000294	2.88E-05	0.000960
3.95E-05	0.000396	3.55E-05	
182	0.000293	4.18E-05	0.002088
6.73E-05	0.000429	3.90E-05	
183	0.000293	5.38E-05	0.002898
7.92E-05	0.000403	3.62E-05	
184	0.000292	6.14E-05	0.003405
8.13E-05	0.000335	3.06E-05	
185	0.000292	6.35E-05	0.003607
7.88E-05	0.000279	2.51E-05	
186	0.000293	5.99E-05	0.003519
7.81E-05	0.000242	2.22E-05	
187	0.000293	5.09E-05	0.003255
7.84E-05	0.000246	2.39E-05	
188	0.000294	3.71E-05	0.002732
7.29E-05	0.000283	2.73E-05	
189	0.000294	2.24E-05	0.001943
5.55E-05	0.000321	3.13E-05	
190	0.000295	8.49E-06	0.000880
2.45E-05	0.000309	3.12E-05	
191	0.000296	1.10E-05	1.13E-07
1.12E-05	0.000344	3.21E-05	
192	0.000296	2.09E-05	0.000806
2.78E-05	0.000432	3.97E-05	
193	0.000297	3.71E-05	0.001768
5.77E-05	0.000455	4.32E-05	
194	0.000297	5.23E-05	0.002466
7.29E-05	0.000419	3.93E-05	
195	0.000343	6.31E-05	0.002913
7.68E-05	0.000343	3.19E-05	
196	0.000298	6.94E-05	0.003103
7.53E-05	0.000279	2.41E-05	
197	0.000298	6.89E-05	0.003102
7.53E-05	0.000235	1.89E-05	
198	0.000298	6.24E-05	0.002911
7.66E-05	0.000232	1.76E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
199	0.000299	5.05E-05	0.002464
7.27E-05	0.000264	1.88E-05	
200	0.000299	3.55E-05	0.001765
5.73E-05	0.000301	2.13E-05	
201	0.000299	2.00E-05	0.000805
2.75E-05	0.000308	2.10E-05	
202	0.000300	1.10E-05	1.31E-07
1.12E-05	0.000322	2.23E-05	
203	0.000300	8.17E-06	0.000880
2.45E-05	0.000410	2.87E-05	
204	0.000301	1.95E-05	0.001942
5.53E-05	0.000434	3.10E-05	
205	0.000301	3.22E-05	0.002732
7.28E-05	0.000401	2.83E-05	
206	0.000302	4.18E-05	0.003256
7.83E-05	0.000329	2.33E-05	
207	0.000302	4.76E-05	0.003520
7.80E-05	0.000268	1.84E-05	
208	0.000301	4.78E-05	0.003608
7.88E-05	0.000232	1.61E-05	
209	0.000301	4.27E-05	0.003407
8.14E-05	0.000236	1.79E-05	
210	0.000300	3.35E-05	0.002899
7.94E-05	0.000276	2.21E-05	
211	0.000299	2.41E-05	0.002089
6.76E-05	0.000325	2.72E-05	
212	0.000298	1.60E-05	0.000959
3.99E-05	0.000323	2.84E-05	
213	0.000297	1.56E-05	2.51E-07
2.74E-05	0.000366	3.02E-05	
214	0.000297	2.10E-05	0.000728
4.01E-05	0.000460	3.86E-05	
215	0.000297	3.92E-05	0.001544
6.33E-05	0.000491	4.31E-05	
216	0.000296	5.79E-05	0.002071
6.98E-05	0.000458	3.97E-05	
217	0.000296	7.54E-05	0.002342
6.93E-05	0.000382	3.22E-05	
218	0.000296	8.84E-05	0.002383
6.31E-05	0.000293	2.24E-05	
219	0.000296	9.60E-05	0.002228
5.74E-05	0.000241	1.54E-05	
220	0.000296	9.76E-05	0.001913
5.55E-05	0.000228	1.38E-05	
221	0.000296	9.30E-05	0.001472
5.68E-05	0.000234	1.37E-05	
222	0.000296	8.16E-05	0.000938
6.16E-05	0.000237	1.38E-05	
223	0.000296	6.55E-05	0.000339
3.42E-05	0.000179	1.02E-05	
224	0.000296	5.55E-05	5.98E-06
2.00E-05	0.000133	1.10E-05	
225	0.000273	6.67E-05	5.24E-05
2.26E-05	0.000396	5.18E-05	
226	0.000273	2.48E-05	0.000323
1.73E-05	0.000377	4.09E-05	
227	0.000273	3.76E-05	0.000880
2.41E-05	0.000312	4.29E-05	
228	0.000273	2.63E-05	0.001376
2.83E-05	0.000223	3.36E-05	
229	0.000273	1.91E-05	0.001783
3.11E-05	0.000124	2.38E-05	
230	0.000273	1.63E-05	0.002071
3.26E-05	4.07E-05	1.59E-05	
231	0.000272	1.63E-05	0.002205
3.29E-05	2.85E-06	1.23E-05	
232	0.000272	1.81E-05	0.002153
3.26E-05	3.46E-05	1.18E-05	
233	0.000272	2.15E-05	0.001888
3.33E-05	7.94E-05	1.37E-05	
234	0.000271	2.68E-05	0.001395
3.49E-05	0.000127	1.62E-05	
235	0.000271	3.36E-05	0.000657
3.23E-05	0.000177	1.86E-05	
236	0.000270	3.62E-05	4.09E-05
3.93E-05	0.000206	1.99E-05	
237	0.000270	3.32E-05	0.000867
5.93E-05	0.000227	2.40E-05	
238	0.000271	2.56E-05	0.001897
6.27E-05	0.000229	2.63E-05	
239	0.000271	1.92E-05	0.002656
5.68E-05	0.000197	2.32E-05	
240	0.000271	1.56E-05	0.003141
5.14E-05	0.000135	1.74E-05	
241	0.000271	1.35E-05	0.003341
4.68E-05	8.12E-05	1.31E-05	
242	0.000271	1.27E-05	0.003264
4.43E-05	6.78E-05	1.44E-05	
243	0.000271	1.28E-05	0.003003
4.25E-05	9.36E-05	1.90E-05	
244	0.000271	1.38E-05	0.002506
4.20E-05	0.000135	2.35E-05	
245	0.000271	1.72E-05	0.001768
4.25E-05	0.000174	2.79E-05	
246	0.000271	2.41E-05	0.000800
3.47E-05	0.000219	3.04E-05	
247	0.000271	2.92E-05	3.76E-05
2.93E-05	0.000245	3.10E-05	
248	0.000270	2.90E-05	0.000729
4.42E-05	0.000261	3.61E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
249	0.000270	2.45E-05	0.001600
4.96E-05	0.000258	3.16E-05	
250	0.000270	2.22E-05	0.002251
4.63E-05	0.000219	3.53E-05	
251	0.000270	2.15E-05	0.002676
4.38E-05	0.000150	2.88E-05	
252	0.000270	2.12E-05	0.002862
4.23E-05	8.81E-05	2.20E-05	
253	0.000269	2.08E-05	0.002863
4.21E-05	6.02E-05	1.71E-05	
254	0.000269	2.05E-05	0.002677
4.34E-05	7.63E-05	1.29E-05	
255	0.000269	2.08E-05	0.002251
4.57E-05	0.000114	9.99E-06	
256	0.000269	2.28E-05	0.001601
4.88E-05	0.000154	8.58E-06	
257	0.000269	2.76E-05	0.000730
4.35E-05	0.000197	8.98E-06	
258	0.000269	2.85E-05	3.76E-05
2.93E-05	0.000223	1.06E-05	
259	0.000269	2.38E-05	0.000801
3.42E-05	0.000242	1.43E-05	
260	0.000269	1.76E-05	0.001769
4.18E-05	0.000243	1.77E-05	
261	0.000269	1.37E-05	0.002507
4.15E-05	0.000209	1.79E-05	
262	0.000269	1.19E-05	0.003005
4.21E-05	0.000146	1.79E-05	
263	0.000269	1.08E-05	0.003266
4.40E-05	8.60E-05	1.86E-05	
264	0.000269	1.02E-05	0.003343
4.68E-05	5.83E-05	1.98E-05	
265	0.000269	1.11E-05	0.003143
5.15E-05	8.04E-05	2.35E-05	
266	0.000269	1.32E-05	0.002657
5.69E-05	0.000126	2.78E-05	
267	0.000269	1.80E-05	0.001898
6.28E-05	0.000178	3.18E-05	
268	0.000269	2.60E-05	0.000868
5.94E-05	0.000232	3.31E-05	
269	0.000269	3.01E-05	3.67E-05
3.92E-05	0.000265	3.36E-05	
270	0.000269	2.87E-05	0.000657
3.17E-05	0.000292	3.91E-05	
271	0.000269	2.51E-05	0.001394
3.48E-05	0.000301	4.24E-05	
272	0.000268	2.41E-05	0.001887
3.33E-05	0.000271	3.81E-05	
273	0.000268	2.52E-05	0.002151
3.26E-05	0.000206	3.95E-05	
274	0.000268	2.72E-05	0.002203
3.29E-05	0.000120	2.10E-05	
275	0.000268	2.91E-05	0.002070
3.26E-05	6.78E-05	1.48E-05	
276	0.000268	3.30E-05	0.001783
3.11E-05	6.86E-05	1.31E-05	
277	0.000267	3.83E-05	0.001376
2.81E-05	8.97E-05	1.32E-05	
278	0.000267	4.67E-05	0.000881
2.38E-05	0.000105	1.36E-05	
279	0.000267	6.08E-05	0.000327
1.75E-05	0.000115	1.16E-05	
280	0.000267	7.09E-05	5.31E-05
2.37E-05	0.000116	1.43E-05	
281	0.000401	1.05E-05	.000000
4.32E-05	0.000465	8.69E-06	.000000
282	0.000433	1.36E-05	.000000
4.73E-05	0.000240	2.02E-06	.000000
283	0.000556	.000000	.000000
3.67E-05	0.000279	3.04E-06	.000000
284	.000000	.000000	.000000
2.80E-05	0.000257	2.37E-06	.000000
285	0.000579	3.01E-05	.000000
2.13E-05	0.000307	3.28E-06	.000000
286	0.000539	1.07E-05	.000000
3.78E-05	0.000129	1.02E-06	.000000
287	0.000393	3.83E-05	.000000
3.52E-05	0.000445	1.19E-06	.000000
288	0.000429	9.42E-06	.000000
1.99E-05	0.000225	1.23E-06	.000000
289	0.000539	.000000	.000000
4.16E-06	0.000266	2.11E-06	.000000
290	.000000	.000000	.000000
6.58E-22	0.000245	1.51E-06	.000000
291	0.000550	2.86E-05	.000000
-5.53E-22	0.000290	2.16E-06	.000000
292	0.000509	3.96E-05	.000000
-6.78E-22	0.000121	4.19E-06	.000000
293	0.000350	2.85E-05	.000000
5.07E-22	0.000331	1.04E-06	.000000
294	0.000347	2.10E-05	.000000
2.82E-05	0.000183	1.17E-06	
295	0.000454	1.96E-05	.000000
4.40E-05	0.000218	1.73E-06	
296	7.80E-07	3.52E-05	.000000
7.20E-06	0.000203	1.60E-06	.000000
297	0.000440	0.000137	.000000
-3.42E-21	0.000238	1.49E-06	
298	0.000356	0.000107	.000000
2.95E-06	0.000114	4.90E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-1 ---------- MIN

JOINT	U1	U2	U3
	R1	R2	R3
1	-0.000342	-4.23E-05	-8.65E-08
-4.16E-05	-0.000128	-6.23E-07	
2	-0.000343	-2.70E-05	-0.001279
-4.09E-05	-0.000126	-5.11E-07	
3	-0.000345	-1.78E-05	-0.003411
-3.71E-05	-0.000116	-1.69E-07	
4	-0.000346	-1.71E-05	-0.005112
-3.03E-05	-9.92E-05	-1.87E-07	
5	-0.000346	-1.62E-05	-0.006258
-2.30E-05	-7.69E-05	-9.15E-07	
6	-0.000346	-1.48E-05	-0.006761
-1.71E-05	-6.46E-05	-1.76E-06	
7	-0.000345	-1.28E-05	-0.006585
-1.16E-05	-0.000119	-2.68E-06	
8	-0.000344	-1.03E-05	-0.005779
-9.23E-06	-0.000217	-3.68E-06	
9	-0.000343	-8.37E-06	-0.004464
-6.06E-06	-0.000299	-4.88E-06	
10	-0.000342	-1.84E-05	-0.002837
-3.54E-06	-0.000339	-6.15E-06	
11	-0.000340	-4.39E-05	-0.001125
-5.03E-06	-0.000333	-5.89E-06	
12	-0.000197	-2.32E-05	-2.08E-07
-9.37E-06	0.000304	-2.98E-06	
13	-0.000338	-5.86E-05	-0.000886
-1.13E-05	-0.000263	-1.56E-06	
14	-0.000338	-5.60E-05	-0.002258
-1.31E-05	-0.000198	-1.01E-06	
15	-0.000338	-5.52E-05	-0.003566
-1.40E-05	0.000271	-1.28E-06	
16	-0.000337	-5.41E-05	-0.004604
-1.29E-05	-8.74E-05	-4.62E-07	
17	-0.000337	-5.12E-05	-0.005183
-9.14E-06	-6.49E-05	-7.54E-07	
18	-0.000336	-4.59E-05	-0.005209
-6.57E-06	-9.31E-05	-1.39E-06	
19	-0.000336	-3.85E-05	-0.004677
-7.44E-06	-0.000162	-2.40E-06	
20	-0.000336	-3.02E-05	-0.003666
-6.29E-06	-0.000238	-3.69E-06	
21	-0.000335	-2.71E-05	-0.002356
-3.48E-06	-0.000279	-5.17E-06	
22	-0.000335	-3.56E-05	-0.000942
-6.80E-07	-0.000279	-5.22E-06	
23	-0.000335	-4.40E-05	-1.96E-07
-2.35E-06	-0.000257	-2.69E-06	
24	-0.000335	-4.19E-05	-0.001018
-5.39E-06	-0.000224	-1.49E-06	
25	-0.000335	-3.57E-05	-0.002538
-9.36E-06	-0.000172	-1.11E-06	
26	-0.000335	-3.66E-05	-0.003944
-1.18E-05	-0.000125	-9.29E-07	
27	-0.000335	-3.84E-05	-0.005035
-1.20E-05	-8.30E-05	-7.67E-07	
28	-0.000335	-3.91E-05	-0.005625
-9.74E-06	-6.99E-05	-8.97E-07	
29	-0.000335	-3.82E-05	-0.005625
-9.81E-06	-0.000106	-1.36E-06	
30	-0.000335	-3.70E-05	-0.005034
-1.22E-05	-0.000179	-2.13E-06	
31	-0.000334	-3.49E-05	-0.003943
-1.19E-05	-0.000259	-3.48E-06	
32	-0.000334	-3.43E-05	-0.002537
-9.49E-06	-0.000301	-2.08E-06	
33	-0.000335	-4.14E-05	-0.001017
-5.56E-06	-0.000302	-5.27E-06	
34	-0.000335	-4.40E-05	-1.96E-07
-2.52E-06	-0.000279	-2.66E-06	
35	-0.000335	-3.50E-05	-0.000940
-6.76E-07	-0.000246	-1.64E-06	
36	-0.000334	-2.34E-05	-0.002353
-3.18E-06	-0.000193	-1.39E-06	
37	-0.000334	-2.23E-05	-0.003662
-5.90E-06	-0.000147	-1.24E-06	
38	-0.000334	-2.66E-05	-0.004672
-7.01E-06	-0.000101	-1.05E-06	
39	-0.000333	-3.02E-05	-0.005204
-6.05E-06	-8.07E-05	-1.03E-06	
40	-0.000333	-3.17E-05	-0.005179
-8.42E-06	-0.000110	-1.32E-06	
41	-0.000332	-3.09E-05	-0.004600
-1.21E-05	-0.000175	-1.95E-06	
42	-0.000331	-2.87E-05	-0.003563
-1.31E-05	-0.000246	-2.63E-06	
43	-0.000331	-3.06E-05	-0.002256
-1.21E-05	-0.000278	-4.74E-06	
44	-0.000330	-4.37E-05	-0.000885
-1.07E-05	-0.000268	-4.80E-06	
45	-0.000330	-5.01E-05	-2.07E-07
-8.83E-06	-0.000238	-2.37E-06	
46	-0.000199	-4.34E-05	-0.001126
-4.31E-06	-0.000199	-1.23E-06	
47	-0.000326	-3.38E-05	-0.002840
-2.38E-06	-0.000140	-8.08E-07	
48	-0.000325	-3.43E-05	-0.004468
-5.93E-06	-8.36E-05	-6.10E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
49	-0.000323	-3.66E-05	-0.005784
-9.86E-06	-3.33E-05	-4.52E-07	
50	-0.000322	-3.82E-05	-0.006590
-1.28E-05	-7.23E-06	-4.06E-07	
51	-0.000322	-3.88E-05	-0.006766
-1.86E-05	-6.75E-05	-4.27E-07	
52	-0.000322	-3.81E-05	-0.006263
-2.49E-05	-0.000178	-4.77E-07	
53	-0.000322	-3.63E-05	-0.005116
-3.23E-05	-0.000294	-1.93E-06	
54	-0.000323	-3.34E-05	-0.003414
-3.96E-05	-0.000393	-4.54E-06	
55	-0.000325	-3.72E-05	-0.001280
-4.40E-05	-0.000456	-8.12E-06	
56	-0.000326	-4.30E-05	-8.71E-08
-4.51E-05	-0.000465	-9.15E-06	
57	-0.000314	-1.54E-05	-2.04E-07
-8.47E-05	-0.000120	-4.52E-06	
58	-0.000314	-1.43E-05	-0.001225
-0.000114	-0.000119	-3.80E-06	
59	-0.000314	-1.21E-05	-0.003243
-0.000165	-0.000109	-1.77E-06	
60	-0.000314	-9.91E-06	-0.004833
-0.000199	-9.29E-05	-9.49E-07	
61	-0.000314	-7.56E-06	-0.005905
-0.000214	-7.27E-05	-1.24E-06	
62	-0.000314	-5.30E-06	-0.006380
-0.000212	-8.04E-05	-1.70E-06	
63	-0.000313	-4.28E-06	-0.006220
-0.000194	-0.000133	-2.26E-06	
64	-0.000312	-4.00E-06	-0.005469
-0.000162	-0.000223	-2.54E-06	
65	-0.000312	-4.40E-06	-0.004238
-0.000121	-0.000297	-2.51E-06	
66	-0.000311	-7.67E-06	-0.002704
-7.46E-05	-0.000333	-3.14E-06	
67	-0.000311	-1.59E-05	-0.001072
-3.86E-05	-0.000325	-1.64E-06	
68	-0.000310	-2.13E-05	-4.43E-07
-3.70E-05	-0.000290	-1.90E-06	
69	-0.000310	-2.75E-05	-0.000850
-6.55E-05	-0.000245	-3.22E-06	
70	-0.000310	-3.53E-05	-0.002171
-0.000109	-0.000184	-2.32E-06	
71	-0.000310	-3.89E-05	-0.003418
-0.000145	-0.000129	-8.97E-07	
72	-0.000310	-3.87E-05	-0.004399
-0.000170	-8.21E-05	-5.10E-07	
73	-0.000310	-3.58E-05	-0.004947
-0.000181	-6.67E-05	-7.77E-07	
74	-0.000311	-3.11E-05	-0.004972
-0.000176	-0.000101	-1.21E-06	
75	-0.000311	-2.49E-05	-0.004467
-0.000156	-0.000163	-1.66E-06	
76	-0.000312	-1.74E-05	-0.003512
-0.000125	-0.000234	-1.87E-06	
77	-0.000312	-8.97E-06	-0.002264
-8.53E-05	-0.000273	-1.70E-06	
78	-0.000313	-2.33E-06	-0.000903
-4.47E-05	-0.000273	-1.41E-06	
79	-0.000313	-4.99E-06	-4.35E-07
-3.02E-05	-0.000245	-1.81E-06	
80	-0.000314	-1.04E-05	-0.000977
-5.65E-05	-0.000208	-3.11E-06	
81	-0.000314	-1.82E-05	-0.002440
-9.91E-05	-0.000158	-2.46E-06	
82	-0.000315	-2.34E-05	-0.003782
-0.000137	-0.000116	-1.23E-06	
83	-0.000315	-2.58E-05	-0.004815
-0.000166	-7.80E-05	-6.15E-07	
84	-0.000316	-2.62E-05	-0.005374
-0.000181	-6.86E-05	-7.24E-07	
85	-0.000316	-2.55E-05	-0.005374
-0.000181	-0.000106	-1.03E-06	
86	-0.000317	-2.44E-05	-0.004815
-0.000165	-0.000169	-1.32E-06	
87	-0.000317	-2.17E-05	-0.003781
-0.000137	-0.000245	-1.57E-06	
88	-0.000318	-1.66E-05	-0.002440
-9.88E-05	-0.000289	-1.51E-06	
89	-0.000318	-9.52E-06	-0.000976
-5.63E-05	-0.000292	-1.31E-06	
90	-0.000319	-4.94E-06	-4.35E-07
-3.01E-05	-0.000266	-1.76E-06	
91	-0.000319	-2.22E-06	-0.000902
-4.45E-05	-0.000229	-3.24E-06	
92	-0.000319	-5.60E-06	-0.002263
-8.49E-05	-0.000179	-2.62E-06	
93	-0.000319	-1.09E-05	-0.003511
-0.000124	-0.000138	-1.42E-06	
94	-0.000320	-1.48E-05	-0.004465
-0.000156	-9.58E-05	-8.24E-07	
95	-0.000320	-1.73E-05	-0.004970
-0.000176	-7.62E-05	-7.73E-07	
96	-0.000320	-1.85E-05	-0.004945
-0.000180	-0.000101	-9.55E-07	
97	-0.000319	-1.84E-05	-0.004397
-0.000170	-0.000156	-1.16E-06	
98	-0.000319	-1.73E-05	-0.003416
-0.000145	-0.000224	-1.35E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
	R1	R2	R3
99	-0.000319	-1.44E-05	-0.002170
-0.000108	-0.000260	-1.28E-06	
100	-0.000318	-1.02E-05	-0.000849
-6.52E-05	-0.000256	-1.09E-06	
101	-0.000318	-9.22E-06	-4.45E-07
-3.60E-05	-0.000225	-1.56E-06	
102	-0.000317	-1.15E-05	-0.001072
-3.91E-05	-0.000184	-2.89E-06	
103	-0.000317	-1.73E-05	-0.002705
-7.54E-05	-0.000129	-2.26E-06	
104	-0.000316	-2.21E-05	-0.004240
-0.000121	-7.89E-05	-1.14E-06	
105	-0.000315	-2.52E-05	-0.005471
-0.000162	-3.34E-05	-5.76E-07	
106	-0.000314	-2.71E-05	-0.006222
-0.000194	-5.95E-06	-3.99E-07	
107	-0.000314	-2.82E-05	-0.006382
-0.000212	-5.77E-05	-2.21E-07	
108	-0.000314	-2.86E-05	-0.005907
-0.000214	-0.000146	-4.16E-07	
109	-0.000314	-2.85E-05	-0.004834
-0.000199	-0.000253	-6.00E-07	
110	-0.000314	-2.80E-05	-0.003243
-0.000164	-0.000353	-9.20E-07	
111	-0.000314	-2.70E-05	-0.001225
-0.000112	-0.000427	-9.97E

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000269	-3.52E-05	-0.002709
-0.000126	-0.000133	-2.80E-06	
150	-0.000270	-4.43E-05	-0.003436
-0.000163	-9.18E-05	-1.98E-06	
151	-0.000270	-4.88E-05	-0.003817
-0.000183	-6.22E-05	-1.25E-06	
152	-0.000271	-4.83E-05	-0.003792
-0.000188	-6.52E-05	-6.93E-07	
153	-0.000271	-4.29E-05	-0.003368
-0.000174	-0.000116	-4.22E-07	
154	-0.000271	-3.35E-05	-0.002616
-0.000144	-0.000169	-4.13E-07	
155	-0.000271	-2.21E-05	-0.001669
-0.000100	-0.000196	-4.03E-07	
156	-0.000271	-1.29E-05	-0.000666
-5.28E-05	-0.000197	-6.73E-07	
157	-0.000271	-1.09E-05	-4.65E-08
-2.83E-05	-0.000184	-1.23E-06	
158	-0.000272	-1.40E-05	-0.000871
-3.25E-05	-0.000163	-1.69E-06	
159	-0.000272	-2.31E-05	-0.002157
-7.64E-05	-0.000123	-2.48E-06	
160	-0.000273	-3.28E-05	-0.003360
-0.000130	-7.85E-05	-2.25E-06	
161	-0.000273	-3.96E-05	-0.004323
-0.000176	-3.51E-05	-1.57E-06	
162	-0.000270	-4.11E-05	-0.004901
-0.000209	-2.86E-06	-1.03E-06	
163	-0.000273	-3.99E-05	-0.005006
-0.000227	-2.92E-05	-6.82E-07	
164	-0.000272	-3.44E-05	-0.004607
-0.000228	-0.000110	-5.54E-07	
165	-0.000271	-2.62E-05	-0.003737
-0.000210	-0.000198	-5.48E-07	
166	-0.000269	-1.99E-05	-0.002471
-0.000171	-0.000273	-5.50E-07	
167	-0.000267	-2.12E-05	-0.000918
-0.000114	-0.000320	-5.51E-07	
168	-0.000266	-2.20E-05	-1.14E-08
-8.71E-05	-0.000329	-5.51E-07	
169	-0.000266	-1.67E-05	-9.92E-05
-7.57E-05	-0.000132	-1.43E-05	
170	-0.000327	-1.60E-05	-0.001351
-8.03E-05	-0.000178	-1.16E-05	
171	-0.000328	-1.48E-05	-0.003499
-9.50E-05	-0.000237	-1.57E-05	
172	-0.000329	-1.34E-05	-0.005198
-0.000103	-0.000234	-1.54E-05	
173	-0.000330	-1.18E-05	-0.006352
-0.000103	-0.000228	-1.49E-05	
174	-0.000330	-9.89E-06	-0.006865
-9.32E-05	-0.000241	-1.47E-05	
175	-0.000329	-7.68E-06	-0.006681
-7.78E-05	-0.000293	-1.47E-05	
176	-0.000328	-5.33E-06	-0.005861
-6.03E-05	-0.000382	-2.69E-05	
177	-0.000327	-4.35E-06	-0.004539
-4.16E-05	-0.000458	-3.31E-05	
178	-0.000326	-5.27E-06	-0.002903
-3.04E-05	-0.000491	-3.58E-05	
179	-0.000326	-1.97E-05	-0.001166
-2.43E-05	-0.000460	-3.11E-05	
180	-0.000324	-3.16E-05	-8.01E-05
-3.08E-05	-0.000365	-2.29E-05	
181	-0.000323	-3.92E-05	-0.000940
-4.17E-05	-0.000323	-2.06E-05	
182	-0.000323	-4.53E-05	-0.002350
-5.09E-05	-0.000325	-1.97E-05	
183	-0.000322	-4.75E-05	-0.003680
-5.96E-05	-0.000276	-1.57E-05	
184	-0.000322	-4.68E-05	-0.004742
-6.61E-05	-0.000236	-1.34E-05	
185	-0.000323	-4.39E-05	-0.005338
-6.62E-05	-0.000233	-1.40E-05	
186	-0.000323	-3.88E-05	-0.005363
-6.03E-05	-0.000268	-1.80E-05	
187	-0.000323	-3.20E-05	-0.004812
-5.10E-05	-0.000329	-2.58E-05	
188	-0.000324	-2.39E-05	-0.003777
-3.68E-05	-0.000401	-3.27E-05	
189	-0.000324	-1.53E-05	-0.002446
-2.56E-05	-0.000435	-3.62E-05	
190	-0.000324	-7.48E-06	-0.000994
-1.82E-05	-0.000411	-3.28E-05	
191	-0.000324	-1.26E-05	-7.57E-05
-1.84E-05	-0.000323	-2.55E-05	
192	-0.000324	-1.94E-05	-0.001070
-2.64E-05	-0.000288	-2.41E-05	
193	-0.000324	-2.63E-05	-0.002625
-3.46E-05	-0.000301	-2.37E-05	
194	-0.000325	-3.03E-05	-0.004051
-4.58E-05	-0.000263	-1.99E-05	
195	-0.000325	-3.25E-05	-0.005166
-5.54E-05	-0.000231	-1.66E-05	
196	-0.000325	-3.30E-05	-0.005773
-5.91E-05	-0.000235	-1.56E-05	
197	-0.000325	-3.21E-05	-0.005772
-5.91E-05	-0.000279	-1.84E-05	
198	-0.000326	-3.11E-05	-0.005165
-5.53E-05	-0.000343	-2.39E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000326	-2.86E-05	-0.004050
-4.56E-05	-0.000419	-2.94E-05	
200	-0.000326	-2.47E-05	-0.002623
-3.44E-05	-0.000455	-3.25E-05	
201	-0.000326	-1.85E-05	-0.001069
-2.62E-05	-0.000432	-3.02E-05	
202	-0.000326	-1.26E-05	-7.55E-05
-1.83E-05	-0.000344	-2.73E-05	
203	-0.000326	-6.77E-06	-0.000993
-1.81E-05	-0.000309	-2.26E-05	
204	-0.000326	-1.12E-05	-0.002443
-2.52E-05	-0.000321	-2.27E-05	
205	-0.000326	-1.64E-05	-0.003774
-3.64E-05	-0.000283	-1.99E-05	
206	-0.000326	-2.10E-05	-0.004808
-5.05E-05	-0.000246	-1.81E-05	
207	-0.000326	-2.40E-05	-0.005360
-5.99E-05	-0.000242	-1.88E-05	
208	-0.000326	-2.53E-05	-0.005335
-6.58E-05	-0.000279	-2.31E-05	
209	-0.000326	-2.47E-05	-0.004739
-6.58E-05	-0.000335	-2.99E-05	
210	-0.000326	-2.32E-05	-0.003678
-5.93E-05	-0.000403	-3.63E-05	
211	-0.000325	-2.12E-05	-0.002348
-5.06E-05	-0.000429	-3.90E-05	
212	-0.000324	-1.86E-05	-0.000939
-4.15E-05	-0.000396	-3.47E-05	
213	-0.000323	-1.72E-05	-7.47E-05
-3.07E-05	-0.000301	-2.68E-05	
214	-0.000322	-1.84E-05	-0.001168
-2.46E-05	-0.000259	-2.49E-05	
215	-0.000321	-2.43E-05	-0.002905
-3.07E-05	-0.000265	-2.36E-05	
216	-0.000319	-2.82E-05	-0.004542
-4.20E-05	-0.000218	-1.87E-05	
217	-0.000318	-3.12E-05	-0.005864
-6.07E-05	-0.000179	-1.49E-05	
218	-0.000318	-3.29E-05	-0.006684
-7.83E-05	-0.000168	-1.36E-05	
219	-0.000317	-3.36E-05	-0.006868
-9.38E-05	-0.000234	-1.73E-05	
220	-0.000317	-3.34E-05	-0.006354
-0.000103	-0.000331	-2.70E-05	
221	-0.000318	-3.23E-05	-0.005198
-0.000104	-0.000439	-3.76E-05	
222	-0.000319	-3.05E-05	-0.003497
-9.56E-05	-0.000530	-4.72E-05	
223	-0.000321	-2.82E-05	-0.001346
-8.02E-05	-0.000659	-4.52E-05	
224	-0.000323	-2.67E-05	-0.000100
-7.48E-05	-0.000524	-5.25E-05	
225	-0.000299	-1.41E-05	-3.37E-05
-9.78E-06	-0.000117	-2.36E-05	
226	-0.000299	-1.24E-05	-0.001087
-8.96E-05	-0.000115	-1.91E-05	
227	-0.000297	-4.52E-06	-0.002876
-0.000194	-0.000106	-2.19E-05	
228	-0.000296	-6.45E-06	-0.004309
-0.000243	-8.99E-05	-2.07E-05	
229	-0.000296	-4.55E-06	-0.005280
-0.000262	-6.87E-05	-1.94E-05	
230	-0.000295	-7.22E-06	-0.005710
-0.000259	-6.87E-05	-1.91E-05	
231	-0.000294	-1.09E-05	-0.005581
-0.000240	-0.000120	-2.20E-05	
232	-0.000294	-1.53E-05	-0.004916
-0.000204	-0.000205	-2.82E-05	
233	-0.000293	-1.88E-05	-0.003814
-0.000152	-0.000271	-3.44E-05	
234	-0.000293	-2.15E-05	-0.002438
-8.51E-05	-0.000301	-3.76E-05	
235	-0.000293	-2.06E-05	-0.000975
-1.62E-05	-0.000292	-3.37E-05	
236	-0.000293	-2.18E-05	-2.72E-05
-3.65E-06	-0.000265	-2.79E-05	
237	-0.000293	-2.45E-05	-0.000758
-4.41E-05	-0.000232	-2.55E-05	
238	-0.000292	-2.83E-05	-0.001924
-0.000115	-0.000178	-2.20E-05	
239	-0.000292	-3.04E-05	-0.003027
-0.000172	-0.000126	-1.76E-05	
240	-0.000292	-3.08E-05	-0.003897
-0.000208	-0.000262	-2.18E-05	
241	-0.000292	-2.97E-05	-0.004380
-0.000222	-5.83E-05	-1.30E-05	
242	-0.000293	-2.69E-05	-0.004405
-0.000218	-8.60E-05	-1.68E-05	
243	-0.000293	-2.31E-05	-0.003965
-0.000195	-0.000146	-2.46E-05	
244	-0.000293	-1.73E-05	-0.003120
-0.000153	-0.000209	-3.16E-05	
245	-0.000293	-1.02E-05	-0.002015
-9.36E-05	-0.000243	-3.59E-05	
246	-0.000294	-5.71E-06	-0.000810
-2.37E-05	-0.000242	-3.36E-05	
247	-0.000294	-6.34E-06	-1.99E-05
-2.98E-06	-0.000223	-1.73E-05	
248	-0.000294	-9.17E-06	-0.000882
-3.57E-05	-0.000197	-2.92E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000294	-1.35E-05	-0.002187
-0.000107	-0.000153	-2.86E-05	
250	-0.000294	-1.81E-05	-0.003384
-0.000165	-0.000114	-2.56E-05	
251	-0.000294	-2.27E-05	-0.004306
-0.000204	-7.63E-05	-2.22E-05	
252	-0.000294	-2.31E-05	-0.004801
-0.000222	-6.01E-05	-1.98E-05	
253	-0.000294	-2.27E-05	-0.004801
-0.000222	-8.81E-05	-1.94E-05	
254	-0.000294	-2.08E-05	-0.004307
-0.000204	-0.000150	-1.93E-05	
255	-0.000293	-1.70E-05	-0.003385
-0.000165	-0.000219	-1.95E-05	
256	-0.000293	-1.17E-05	-0.002188
-0.000106	-0.000258	-1.95E-05	
257	-0.000293	-7.69E-06	-0.000882
-3.51E-05	-0.000262	-1.60E-05	
258	-0.000294	-5.52E-06	-2.01E-05
-3.00E-06	-0.000245	-1.22E-05	
259	-0.000294	-5.27E-06	-0.000810
-2.31E-05	-0.000219	-1.06E-05	
260	-0.000294	-1.01E-05	-0.002015
-9.27E-05	-0.000175	-1.04E-05	
261	-0.000293	-1.59E-05	-0.003120
-0.000153	-0.000135	-1.13E-05	
262	-0.000295	-1.95E-05	-0.003965
-0.000195	-9.37E-05	-1.38E-05	
263	-0.000295	-2.16E-05	-0.004405
-0.000217	-6.78E-05	-1.75E-05	
264	-0.000295	-2.17E-05	-0.004380
-0.000222	-8.13E-05	-2.20E-05	
265	-0.000295	-2.05E-05	-0.003896
-0.000208	-0.000135	-2.86E-05	
266	-0.000295	-1.72E-05	-0.003027
-0.000172	-0.000197	-3.44E-05	
267	-0.000295	-1.28E-05	-0.001923
-0.000115	-0.000229	-3.51E-05	
268	-0.000294	-9.41E-06	-0.000758
-4.41E-05	-0.000227	-3.38E-05	
269	-0.000294	-8.66E-06	-2.19E-05
-3.17E-06	-0.000206	-2.85E-05	
270	-0.000294	-9.40E-06	-0.000974
-1.57E-05	-0.000176	-2.72E-05	
271	-0.000294	-1.29E-05	-0.002439
-8.51E-05	-0.000127	-2.42E-05	
272	-0.000294	-1.75E-05	-0.003815
-0.000152	-7.93E-05	-1.98E-05	
273	-0.000294	-2.03E-05	-0.004917
-0.000204	-3.46E-05	-1.59E-05	
274	-0.000293	-2.15E-05	-0.005583
-0.000240	-2.52E-06	-1.25E-05	
275	-0.000293	-2.21E-05	-0.005711
-0.000259	-4.07E-05	-1.24E-05	
276	-0.000292	-2.29E-05	-0.005282
-0.000262	-0.000124	-1.80E-05	
277	-0.000292	-2.36E-05	-0.004311
-0.000243	-0.000223	-2.29E-05	
278	-0.000291	-2.41E-05	-0.002879
-0.000194	-0.000312	-3.56E-05	
279	-0.000290	-2.47E-05	-0.001091
-8.99E-05	-0.000376	-3.45E-05	
280	-0.000289	-2.51E-05	-3.43E-05
-1.10E-05	-0.000395	-4.39E-05	
281	-0.000289	-5.31E-06	.000000
-3.81E-05	-0.000127	-6.23E-07	.000000
282	-0.000392	-1.23E-05	.000000
-5.48E-06	-0.000302	-2.98E-06	.000000
283	-0.000660	.000000	.000000
-2.35E-06	-0.000257	-2.69E-06	
284	.000000	.000000	.000000
4.04E-22	-0.000279	-2.16E-06	.000000
285	-0.000646	-3.36E-05	.000000
-7.20E-22	-0.000237	-2.37E-06	
286	-0.000230	-4.57E-06	.000000
-2.79E-05	-0.000467	-9.15E-06	
287	-0.000740	-2.03E-05	.000000
-7.39E-05	-0.000117	-4.52E-06	
288	-0.000362	-1.12E-05	.000000
-4.12E-05	-0.000289	-1.90E-06	
289	-0.000622	.000000	.000000
-3.01E-05	-0.000245	-1.81E-06	
290	.000000	.000000	.000000
-1.97E-05	-0.000267	-1.76E-06	
291	-0.000621	-3.23E-05	.000000
-1.71E-05	-0.000227	-1.56E-06	
292	-0.000218	-1.70E-05	.000000
-2.11E-05	-0.000450	-1.07E-06	
293	-0.000598	-5.60E-21	.000000
-6.64E-05	-0.000108	-5.65E-06	
294	-0.000295	-3.16E-05	.000000
-4.62E-05	-0.000241	-1.51E-06	
295	-0.000535	-7.71E-06	.000000
-5.35E-05	-0.000195	-1.47E-06	
296	-9.16E-07	-3.00E-05	.000000
-1.71E-05	-0.000224	-1.80E-06	
297	-0.000498	-0.000165	.000000
-2.60E-05	-0.000186	-1.23E-06	
298	-0.000170	-5.63E-05	.000000
-5.06E-21	-0.000337	-5.51E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000540	5.46E-05	3.12E-08
4.49E-05	0.000794	6.89E-06	
2	0.000539	5.39E-05	0.000662
7.34E-05	0.000782	5.99E-06	
3	0.000540	6.09E-05	0.001808
0.000145	0.000687	3.10E-06	
4	0.000540	6.27E-05	0.002830
0.000203	0.000523	1.53E-06	
5	0.000540	5.86E-05	0.003672
0.000241	0.000325	1.24E-06	
6	0.000540	5.09E-05	0.004270
0.000264	0.000123	1.27E-06	
7	0.000540	4.20E-05	0.004555
0.000271	1.08E-05	1.48E-06	
8	0.000540	3.12E-05	0.004458
0.000264	6.33E-05	1.81E-06	
9	0.000540	2.18E-05	0.003915
0.000234	0.000156	2.28E-06	
10	0.000540	1.38E-05	0.002889
0.000182	0.000256	2.81E-06	
11	0.000539	1.60E-05	0.001354
0.000114	0.000357	2.77E-06	
12	0.000539	2.03E-05	5.55E-08
7.50E-05	0.000418	2.41E-06	
13	0.000539	2.18E-05	0.001791
8.36E-05	0.000463	3.95E-06	
14	0.000539	3.13E-05	0.003926
0.000141	0.000479	3.79E-06	
15	0.000539	4.03E-05	0.005495
0.000197	0.000425	2.63E-06	
16	0.000539	4.44E-05	0.006490
0.000236	0.000304	2.12E-06	
17	0.000539	4.36E-05	0.006891
0.000256	0.000185	2.19E-06	
18	0.000539	4.04E-05	0.006727
0.000260	0.000141	2.67E-06	
19	0.000539	3.42E-05	0.006203
0.000247	0.000188	3.36E-06	
20	0.000539	2.41E-05	0.005181
0.000211	0.000274	3.97E-06	
21	0.000539	1.20E-05	0.003653
0.000154	0.000356	4.46E-06	
22	0.000540	3.01E-06	0.001646
8.65E-05	0.000446	4.46E-06	
23	0.000540	8.41E-06	9.07E-08
5.47E-05	0.000495	4.20E-06	
24	0.000540	1.67E-05	0.001502
7.86E-05	0.000527	5.27E-06	
25	0.000541	3.27E-05	0.003311
0.000143	0.000521	4.61E-06	
26	0.000541	4.72E-05	0.004662
0.000201	0.000447	5.17E-06	
27	0.000541	5.67E-05	0.005538
0.000238	0.000307	2.18E-06	
28	0.000541	6.06E-05	0.005915
0.000255	0.000176	2.02E-06	
29	0.000542	5.96E-05	0.005915
0.000255	0.000122	2.00E-06	
30	0.000542	5.45E-05	0.005537
0.000238	0.000156	2.12E-06	
31	0.000542	4.45E-05	0.004661
0.000200	0.000234	2.65E-06	
32	0.000543	3.02E-05	0.003311
0.000143	0.000318	3.17E-06	
33	0.000543	1.56E-05	0.001502
7.87E-05	0.000404	3.28E-06	
34	0.000543	8.57E-06	9.09E-08
5.46E-05	0.000453	3.10E-06	
35	0.000543	3.17E-06	0.001646
8.60E-05	0.000483	4.47E-06	
36	0.000544	1.08E-05	0.003653
0.000154	0.000476	3.98E-06	
37	0.000544	2.66E-05	0.005181
0.000211	0.000403	2.70E-06	
38	0.000544	2.74E-05	0.006204
0.000246	0.000270	1.85E-06	
39	0.000544	3.02E-05	0.006729
0.000259	0.000148	1.79E-06	
40	0.000544	2.93E-05	0.006894
0.000255	0.000113	1.87E-06	
41	0.000544	2.48E-05	0.006493
0.000235	0.000168	2.13E-06	
42	0.000544	1.79E-05	0.005497
0.000195	0.000261	2.77E-06	
43	0.000543	1.45E-05	0.003928
0.000139	0.000371	3.53E-06	
44	0.000543	1.63E-05	0.001792
8.14E-05	0.000479	3.95E-06	
45	0.000542	2.24E-05	5.41E-08
7.53E-05	0.000540	4.21E-06	
46	0.000542	2.74E-05	0.001354
0.000115	0.000561	5.62E-06	
47	0.000542	4.07E-05	0.002889
0.000182	0.000582	5.35E-06	
48	0.000541	5.80E-05	0.003916
0.000234	0.000507	4.32E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000541	7.28E-05	0.004459
0.000265	0.000361	3.51E-06	
50	0.000541	8.44E-05	0.004557
0.000273	0.000183	2.90E-06	
51	0.000541	9.22E-05	0.004273
0.000267	0.000107	2.32E-06	
52	0.000541	9.58E-05	0.003676
0.000244	0.000144	2.04E-06	
53	0.000542	9.38E-05	0.002834
0.000206	0.000196	2.08E-06	
54	0.000542	8.49E-05	0.001812
0.000150	0.000217	2.90E-06	
55	0.000543	6.97E-05	0.000664
7.95E-05	0.000235	4.45E-06	
56	0.000544	6.47E-05	3.22E-08
5.22E-05	0.000238	4.89E-06	
57	0.000545	8.48E-05	2.39E-08
4.73E-05	0.000871	3.77E-06	
58	0.000566	7.99E-05	0.000649
5.29E-05	0.000845	3.43E-06	
59	0.000566	7.89E-05	0.001772
7.98E-05	0.000712	2.27E-06	
60	0.000567	7.87E-05	0.002772
0.000103	0.000525	1.30E-06	
61	0.000567	7.45E-05	0.003597
0.000119	0.000318	9.46E-07	
62	0.000566	6.48E-05	0.004182
0.000126	0.000135	1.02E-06	
63	0.000566	5.08E-05	0.004463
0.000123	2.11E-05	1.08E-06	
64	0.000566	3.36E-05	0.004374
0.000117	6.07E-05	1.17E-06	
65	0.000566	1.89E-05	0.003860
0.000107	0.000150	1.43E-06	
66	0.000566	2.15E-05	0.002883
9.15E-05	0.000248	2.33E-06	
67	0.000567	3.32E-05	0.001385
6.73E-05	0.000358	3.04E-06	
68	0.000564	4.16E-05	3.56E-08
6.13E-05	0.000440	2.30E-06	
69	0.000564	4.51E-05	0.001814
6.59E-05	0.000504	2.72E-06	
70	0.000564	5.03E-05	0.003901
8.61E-05	0.000517	2.54E-06	
71	0.000564	5.77E-05	0.005412
0.000105	0.000450	1.95E-06	
72	0.000563	6.24E-05	0.006370
0.000117	0.000319	1.83E-06	
73	0.000564	6.18E-05	0.006758
0.000122	0.000207	2.00E-06	
74	0.000564	5.52E-05	0.006598
0.000120	0.000150	2.31E-06	
75	0.000564	4.31E-05	0.006090
0.000108	0.000184	2.76E-06	
76	0.000565	2.73E-05	0.005105
8.92E-05	0.000267	3.32E-06	
77	0.000566	1.38E-05	0.003634
6.68E-05	0.000346	4.22E-06	
78	0.000567	1.26E-05	0.001672
4.09E-05	0.000446	4.84E-06	
79	0.000567	2.11E-05	7.75E-08
3.05E-05	0.000519	3.99E-06	
80	0.000567	2.97E-05	0.001531
4.29E-05	0.000570	4.08E-06	
81	0.000568	4.08E-05	0.003300
7.00E-05	0.000566	3.91E-06	
82	0.000568	5.49E-05	0.004597
9.31E-05	0.000481	3.20E-06	
83	0.000569	6.67E-05	0.005440
0.000109	0.000332	2.43E-06	
84	0.000569	7.28E-05	0.005804
0.000117	0.000207	1.92E-06	
85	0.000569	7.21E-05	0.005804
0.000117	0.000134	1.54E-06	
86	0.000570	6.48E-05	0.005439
0.000109	0.000152	1.47E-06	
87	0.000570	5.23E-05	0.004596
9.26E-05	0.000227	1.84E-06	
88	0.000571	3.83E-05	0.003299
6.95E-05	0.000308	2.71E-06	
89	0.000572	2.84E-05	0.001530
4.27E-05	0.000405	3.60E-06	
90	0.000572	2.13E-05	7.77E-08
3.07E-05	0.000477	2.88E-06	
91	0.000572	1.26E-05	0.001671
4.11E-05	0.000529	3.20E-06	
92	0.000572	1.09E-05	0.003633
6.66E-05	0.000527	3.27E-06	
93	0.000572	1.71E-05	0.005104
8.88E-05	0.000447	2.79E-06	
94	0.000572	2.64E-05	0.006090
0.000108	0.000306	2.20E-06	
95	0.000572	3.20E-05	0.006599
0.000119	0.000189	1.74E-06	
96	0.000571	3.31E-05	0.006760
0.000122	0.000128	1.42E-06	
97	0.000570	2.87E-05	0.006371
0.000117	0.000163	1.44E-06	
98	0.000569	2.29E-05	0.005412
0.000105	0.000253	1.99E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000568	2.01E-05	0.003901
8.58E-05	0.000360	3.20E-06	
100	0.000567	2.76E-05	0.001814
6.51E-05	0.000478	4.37E-06	
101	0.000566	3.40E-05	3.93E-08
5.85E-05	0.000564	3.99E-06	
102	0.000566	3.67E-05	0.001385
6.62E-05	0.000628	4.47E-06	
103	0.000564	4.53E-05	0.002883
9.03E-05	0.000637	4.80E-06	
104	0.000564	6.13E-05	0.003860
0.000105	0.000558	4.52E-06	
105	0.000563	8.05E-05	0.004374
0.000116	0.000408	3.84E-06	
106	0.000563	9.59E-05	0.004462
0.000123	0.000234	2.88E-06	
107	0.000562	0.000106	0.004181
0.000126	0.000141	1.88E-06	
108	0.000562	0.000110	0.003595
0.000119	0.000143	1.17E-06	
109	0.000562	0.000107	0.002771
0.000102	0.000183	9.25E-07	
110	0.000563	0.000100	0.001770
7.74E-05	0.000214	1.50E-06	
111	0.000563	9.31E-05	0.000648
4.83E-05	0.000232	2.60E-06	
112	0.000563	9.39E-05	2.08E-08
4.09E-05	0.000235	3.00E-06	
113	0.000536	6.95E-05	2.45E-08
3.41E-05	0.000751	2.82E-06	
114	0.000536	5.87E-05	0.000633
3.38E-05	0.000732	2.76E-06	
115

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000531	1.68E-05	0.004982
3.02E-05	0.000533	1.44E-06	
150	0.000531	2.00E-05	0.005964
3.43E-05	0.000281	1.34E-06	
151	0.000532	2.11E-05	0.006466
3.60E-05	0.000163	1.55E-06	
152	0.000532	1.98E-05	0.006623
3.97E-05	0.000115	1.97E-06	
153	0.000533	1.70E-05	0.006237
4.50E-05	0.000163	2.47E-06	
154	0.000533	1.53E-05	0.005280
4.82E-05	0.000254	3.11E-06	
155	0.000534	1.65E-05	0.003773
4.57E-05	0.000361	3.49E-06	
156	0.000534	2.21E-05	0.001721
3.26E-05	0.000467	3.39E-06	
157	0.000534	2.67E-05	4.64E-08
2.07E-05	0.000529	3.09E-06	
158	0.000534	3.04E-05	0.001301
1.84E-05	0.000574	2.80E-06	
159	0.000533	3.63E-05	0.002775
2.56E-05	0.000586	2.49E-06	
160	0.000530	4.22E-05	0.003757
3.03E-05	0.000524	2.37E-06	
161	0.000532	4.96E-05	0.004276
3.40E-05	0.000391	2.25E-06	
162	0.000532	5.38E-05	0.004367
3.40E-05	0.000225	2.19E-06	
163	0.000531	5.65E-05	0.004091
3.15E-05	0.000120	2.16E-06	
164	0.000531	5.86E-05	0.003516
3.33E-05	0.000140	2.60E-06	
165	0.000531	5.93E-05	0.002709
3.42E-05	0.000181	3.15E-06	
166	0.000531	6.16E-05	0.001730
3.46E-05	0.000310	3.81E-06	
167	0.000531	7.11E-05	0.000633
3.68E-05	0.000227	4.33E-06	
168	0.000532	7.84E-05	2.65E-08
3.78E-05	0.000230	4.39E-06	
169	0.000553	6.32E-05	3.14E-05
3.11E-05	0.000888	0.000107	
170	0.000553	6.93E-05	0.000662
5.31E-05	0.000924	8.85E-05	
171	0.000553	7.88E-05	0.001794
0.000163	0.000854	9.30E-05	
172	0.000553	8.36E-05	0.002804
0.000208	0.000687	7.45E-05	
173	0.000553	8.15E-05	0.003637
0.000240	0.000487	5.44E-05	
174	0.000552	7.32E-05	0.004228
0.000261	0.000294	3.49E-05	
175	0.000552	5.96E-05	0.004512
0.000270	0.000170	2.53E-05	
176	0.000552	4.14E-05	0.004421
0.000262	0.000107	2.78E-05	
177	0.000552	2.28E-05	0.003894
0.000230	0.000282	3.41E-05	
178	0.000552	1.67E-05	0.002893
0.000174	0.000374	4.34E-05	
179	0.000551	1.84E-05	0.001367
8.01E-05	0.000420	4.78E-05	
180	0.000551	2.48E-05	2.68E-05
2.71E-05	0.000493	5.09E-05	
181	0.000551	3.29E-05	0.001805
4.86E-05	0.000611	6.24E-05	
182	0.000550	4.65E-05	0.003923
0.000132	0.000653	6.93E-05	
183	0.000550	5.87E-05	0.005462
0.000197	0.000510	6.35E-05	
184	0.000550	6.58E-05	0.006436
0.000238	0.000476	5.16E-05	
185	0.000550	6.67E-05	0.006829
0.000257	0.000362	4.16E-05	
186	0.000550	6.12E-05	0.006667
0.000260	0.000301	3.65E-05	
187	0.000550	4.98E-05	0.006152
0.000247	0.000327	3.66E-05	
188	0.000551	3.26E-05	0.005151
0.000209	0.000404	4.07E-05	
189	0.000552	1.38E-05	0.003651
0.000143	0.000479	4.58E-05	
190	0.000552	2.36E-06	0.001659
4.89E-05	0.000513	4.74E-05	
191	0.000553	7.43E-06	1.71E-05
5.37E-06	0.000574	4.87E-05	
192	0.000553	1.95E-05	0.001515
4.14E-05	0.000678	5.87E-05	
193	0.000554	4.05E-05	0.003313
0.000132	0.000698	5.29E-05	
194	0.000554	5.99E-05	0.004637
0.000200	0.000625	5.50E-05	
195	0.000555	7.36E-05	0.005494
0.000240	0.000482	4.18E-05	
196	0.000555	8.02E-05	0.005863
0.000255	0.000356	3.12E-05	
197	0.000555	7.94E-05	0.005863
0.000255	0.000285	3.10E-05	
198	0.000555	7.15E-05	0.005493
0.000239	0.000298	3.56E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000556	5.71E-05	0.004636
0.000199	0.000366	4.19E-05	
200	0.000556	3.77E-05	0.003312
0.000131	0.000443	4.92E-05	
201	0.000557	1.80E-05	0.001515
4.06E-05	0.000474	5.15E-05	
202	0.000557	7.49E-06	1.73E-05
5.35E-06	0.000534	5.31E-05	
203	0.000558	2.23E-06	0.001658
4.83E-05	0.000536	6.35E-05	
204	0.000558	1.17E-05	0.003651
0.000143	0.000655	6.80E-05	
205	0.000559	2.34E-05	0.005150
0.000208	0.000584	6.08E-05	
206	0.000559	3.54E-05	0.006152
0.000247	0.000447	4.81E-05	
207	0.000559	4.17E-05	0.006668
0.000260	0.000330	3.29E-05	
208	0.000558	4.20E-05	0.006830
0.000256	0.000278	2.28E-05	
209	0.000558	3.63E-05	0.006437
0.000238	0.000310	2.22E-05	
210	0.000557	2.69E-05	0.005462
0.000197	0.000393	3.03E-05	
211	0.000556	1.86E-05	0.003922
0.000132	0.000494	4.10E-05	
212	0.000555	1.85E-05	0.001803
4.90E-05	0.000547	4.70E-05	
213	0.000554	2.14E-05	1.66E-05
2.70E-05	0.000620	5.10E-05	
214	0.000554	2.83E-05	0.001368
7.99E-05	0.000731	6.40E-05	
215	0.000553	4.53E-05	0.002893
0.000174	0.000759	7.22E-05	
216	0.000553	6.72E-05	0.003895
0.000230	0.000685	6.68E-05	
217	0.000553	8.87E-05	0.004421
0.000262	0.000536	5.49E-05	
218	0.000552	0.000105	0.004512
0.000271	0.000365	4.05E-05	
219	0.000552	0.000115	0.004228
0.000262	0.000280	3.24E-05	
220	0.000552	0.000117	0.003635
0.000241	0.000290	3.18E-05	
221	0.000552	0.000113	0.002801
0.000210	0.000316	3.34E-05	
222	0.000553	0.000101	0.001788
0.000164	0.000335	3.48E-05	
223	0.000553	8.39E-05	0.000651
5.30E-05	0.000287	2.88E-05	
224	0.000554	7.33E-05	3.10E-05
2.95E-05	0.000245	3.39E-05	
225	0.000550	7.98E-05	2.74E-05
3.99E-05	0.000888	0.000100	
226	0.000550	7.43E-05	0.000638
3.97E-05	0.000901	8.29E-05	
227	0.000551	6.82E-05	0.001749
5.66E-05	0.000810	8.73E-05	
228	0.000550	6.44E-05	0.002740
7.24E-05	0.000639	6.91E-05	
229	0.000551	5.92E-05	0.003557
8.52E-05	0.000440	4.92E-05	
230	0.000551	5.29E-05	0.004137
9.09E-05	0.000267	3.16E-05	
231	0.000550	4.32E-05	0.004415
8.89E-05	0.000166	2.31E-05	
232	0.000550	3.11E-05	0.004326
8.21E-05	0.000203	2.28E-05	
233	0.000550	2.21E-05	0.003809
7.45E-05	0.000283	2.75E-05	
234	0.000549	2.31E-05	0.002824
7.22E-05	0.000376	3.55E-05	
235	0.000549	3.15E-05	0.001323
7.28E-05	0.000423	3.96E-05	
236	0.000548	3.72E-05	2.25E-05
7.72E-05	0.000491	4.29E-05	
237	0.000548	4.03E-05	0.001745
9.03E-05	0.000599	5.41E-05	
238	0.000548	4.44E-05	0.003829
8.99E-05	0.000533	6.06E-05	
239	0.000548	4.87E-05	0.005344
8.28E-05	0.000576	5.47E-05	
240	0.000548	5.16E-05	0.006302
8.17E-05	0.000451	4.27E-05	
241	0.000548	5.10E-05	0.006689
8.23E-05	0.000343	3.22E-05	
242	0.000548	4.62E-05	0.006531
7.95E-05	0.000296	3.01E-05	
243	0.000548	3.70E-05	0.006026
7.33E-05	0.000325	3.52E-05	
244	0.000549	2.45E-05	0.005042
6.67E-05	0.000401	4.23E-05	
245	0.000549	1.24E-05	0.003568
6.39E-05	0.000476	4.99E-05	
246	0.000550	1.09E-05	0.001606
5.85E-05	0.000511	5.28E-05	
247	0.000550	1.77E-05	1.68E-05
5.21E-05	0.000569	5.46E-05	
248	0.000550	2.53E-05	0.001468
6.42E-05	0.000667	6.59E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000550	3.62E-05	0.003238
6.75E-05	0.000686	7.18E-05	
250	0.000550	4.84E-05	0.004541
6.64E-05	0.000614	6.43E-05	
251	0.000550	5.82E-05	0.005383
6.85E-05	0.000478	5.09E-05	
252	0.000550	6.33E-05	0.005746
7.10E-05	0.000351	3.91E-05	
253	0.000550	6.26E-05	0.005746
7.08E-05	0.000282	3.22E-05	
254	0.000550	5.65E-05	0.005382
6.80E-05	0.000294	2.75E-05	
255	0.000550	4.61E-05	0.004540
6.56E-05	0.000362	2.69E-05	
256	0.000551	3.36E-05	0.003237
6.65E-05	0.000437	2.98E-05	
257	0.000551	2.36E-05	0.001467
6.34E-05	0.000469	3.16E-05	
258	0.000551	1.73E-05	1.67E-05
5.20E-05	0.000527	3.45E-05	
259	0.000551	1.05E-05	0.001606
5.78E-05	0.000627	4.53E-05	
260	0.000551	1.06E-05	0.003568
6.29E-05	0.000652	5.25E-05	
261	0.000552	1.61E-05	0.005042
6.59E-05	0.000587	4.94E-05	
262	0.000552	2.40E-05	0.006026
7.28E-05	0.000455	4.27E-05	
263	0.000552	2.86E-05	0.006532
7.91E-05	0.000339	3.72E-05	
264	0.000552	2.86E-05	0.006690
8.21E-05	0.000277	3.46E-05	
265	0.000553	2.49E-05	0.006303
8.17E-05	0.000304	3.77E-05	
266	0.000552	1.96E-05	0.005345
8.27E-05	0.000387	4.54E-05	
267	0.000551	1.70E-05	0.003831
8.99E-05	0.000485	5.33E-05	
268	0.000551	2.37E-05	0.001747
9.04E-05	0.000537	5.65E-05	
269	0.000550	2.94E-05	1.62E-05
7.74E-05	0.000608	5.90E-05	
270	0.000549	3.17E-05	0.001322
7.23E-05	0.000722	7.20E-05	
271	0.000548	3.93E-05	0.002823
7.22E-05	0.000762	7.99E-05	
272	0.000548	5.33E-05	0.003808
7.45E-05	0.000700	7.30E-05	
273	0.000547	6.85E-05	0.004324
8.22E-05	0.000561	5.93E-05	
274	0.000547	8.11E-05	0.004414
8.92E-05	0.000394	4.17E-05	
275	0.000547	8.87E-05	0.004136
9.11E-05	0.000293	5.01E-05	
276	0.000547	9.21E-05	0.003556
8.53E-05	0.000281	2.71E-05	
277	0.000547	9.15E-05	0.002741
7.21E-05	0.000308	2.77E-05	
278	0.000547	8.80E-05	0.001753
5.62E-05	0.000329	2.91E-05	
279	0.000547	8.67E-05	0.000645
4.01E-05	0.000282	2.42E-05	
280	0.000547	8.86E-05	2.77E-05
4.19E-05	0.000240	2.81E-05	
281	0.000737	1.81E-05	.000000
5.52E-05	0.000794	6.89E-06	
282	0.000762	2.41E-05	.000000
7.55E-05	0.000420	2.41E-06	
283	0.000996	.000000	.000000
5.46E-05	0.000495	4.20E-06	
284	.000000	.000000	.000000
3.89E-05	0.000454	3.10E-06	
285	0.001027	5.34E-05	.000000
2.88E-05	0.000544	4.21E-06	
286	0.000896	1.78E-05	.000000
4.71E-05	0.000240	4.89E-06	
287	0.000760	7.51E-05	.000000
8.24E-05	0.000871	3.77E-06	
288	0.000829	1.85E-05	.000000
6.05E-05	0.000439	2.30E-06	
289	0.001047	.000000	.000000
3.05E-05	0.000519	3.99E-06	
290	.000000	.000000	.000000
1.24E-05	0.000477	2.88E-06	
291	0.001074	5.59E-05	.000000
7.62E-06	0.000566	3.99E-06	
292	0.001001	7.78E-05	.000000
1.94E-05	0.000237	1.27E-06	
293	0.000727	-6.80E-21	.000000
8.38E-05	0.000756	2.82E-06	
294	0.000758	6.17E-21	.000000
4.05E-05	0.000402	1.71E-06	
295	0.000967	-5.82E-21	.000000
7.82E-05	0.001074	3.39E-06	
296	3.26E-06	1.50E-05	.000000
1.21E-21	0.000442	2.54E-06	
297	0.000963	0.000245	.000000
6.90E-21	0.000511	3.09E-06	
298	0.000848	0.000161	.000000
9.80E-07	0.000229	4.39E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000604	-5.11E-05	-9.57E-08
-5.70E-05	-0.000238	-4.28E-06	
2	-0.000605	-4.44E-05	-0.002181
-4.71E-05	-0.000235	-3.86E-06	
3	-0.000605	-4.36E-05	-0.005842
-3.35E-05	-0.000217	-2.48E-06	
4	-0.000599	-4.79E-05	-0.008788
-3.15E-05	-0.000186	-2.41E-06	
5	-0.000605	-4.98E-05	-0.010790
-2.86E-05	-0.000144	-2.76E-06	
6	-0.000604	-5.01E-05	-0.011682
-2.47E-05	-0.000107	-3.22E-06	
7	-0.000604	-5.00E-05	-0.011402
-2.18E-05	-0.000184	-3.68E-06	
8	-0.000603	-5.26E-05	-0.010026
-2.40E-05	-0.000360	-4.12E-06	
9	-0.000602	-5.64E-05	-0.007763
-2.68E-05	-0.000506	-4.90E-06	
10	-0.000601	-6.44E-05	-0.004954
-2.97E-05	-0.000582	-5.94E-06	
11	-0.000599	-8.31E-05	-0.001980
-2.41E-05	-0.000581	-5.82E-06	
12	-0.000599	-9.47E-05	-2.37E-07
-1.56E-05	-0.000540	-3.75E-06	
13	-0.000598	-9.47E-05	-0.001538
-1.65E-05	-0.000479	-3.46E-06	
14	-0.000597	-9.39E-05	-0.003891
-2.51E-05	0.000371	-3.05E-06	
15	-0.000597	-0.000104	-0.006126
-2.97E-05	-0.000261	-2.45E-06	
16	-0.000596	-0.000107	-0.007900
-2.92E-05	-0.000168	-2.05E-06	
17	-0.000596	-0.000104	-0.008895
-2.53E-05	-0.000113	-1.24E-05	
18	-0.000596	-9.74E-05	-0.008945
-2.30E-05	-0.000148	-2.19E-06	
19	-0.000596	-8.66E-05	-0.008039
-2.63E-05	-0.000270	-2.67E-06	
20	-0.000596	-7.20E-05	-0.006316
-2.76E-05	-0.000403	-3.42E-06	
21	-0.000597	-6.23E-05	-0.004077
-2.48E-05	-0.000476	-4.56E-06	
22	-0.000596	-6.00E-05	-0.001644
-1.35E-05	-0.000483	-4.92E-06	
23	-0.000596	-6.56E-05	-2.20E-07
-7.02E-06	-0.000453	-3.49E-06	
24	-0.000596	-6.65E-05	-0.001789
-1.31E-05	-0.000405	-3.41E-06	
25	-0.000596	-7.03E-05	-0.004424
-2.52E-05	-0.000318	-3.14E-06	
26	-0.000595	-7.84E-05	-0.006850
-2.97E-05	-0.000234	-2.52E-06	
27	-0.000595	-8.47E-05	-0.008728
-2.90E-05	-0.000156	-1.73E-06	
28	-0.000595	-8.72E-05	-0.009744
-2.55E-05	-0.000122	-1.96E-06	
29	-0.000595	-8.59E-05	-0.009744
-2.54E-05	-0.000176	-2.12E-06	
30	-0.000595	-8.29E-05	-0.008728
-2.89E-05	-0.000307	-2.34E-06	
31	-0.000595	-7.63E-05	-0.006850
-2.96E-05	-0.000446	-2.28E-06	
32	-0.000595	-6.85E-05	-0.004425
-2.52E-05	-0.000521	-4.58E-06	
33	-0.000595	-6.56E-05	-0.001790
-1.33E-05	-0.000527	-5.06E-06	
34	-0.000595	-6.55E-05	-2.20E-07
-7.15E-06	-0.000496	-4.61E-06	
35	-0.000595	-5.98E-05	-0.001644
-1.30E-05	-0.000446	-3.82E-06	
36	-0.000595	-6.05E-05	-0.004076
-2.40E-05	-0.000356	-3.64E-06	
37	-0.000595	-6.72E-05	-0.006315
-2.67E-05	-0.000274	-3.01E-06	
38	-0.000595	-7.43E-05	-0.008037
-2.54E-05	-0.000188	-2.34E-06	
39	-0.000595	-8.05E-05	-0.008943
-2.20E-05	-0.000141	-2.10E-06	
40	-0.000595	-8.21E-05	-0.008894
-2.41E-05	-0.000185	-2.01E-06	
41	-0.000595	-7.89E-05	-0.007899
-2.78E-05	-0.000304	-2.07E-06	
42	-0.000594	-7.27E-05	-0.006125
-2.81E-05	-0.000424	-2.78E-06	
43	-0.000593	-6.96E-05	-0.003890
-2.30E-05	-0.000479	-3.95E-06	
44	-0.000593	-7.43E-05	-0.001538
-1.37E-05	-0.000463	-4.89E-06	
45	-0.000592	-7.83E-05	-2.36E-07
-1.48E-05	-0.000417	-2.95E-06	
46	-0.000591	-7.49E-05	-0.001981
-2.36E-05	-0.000357	-2.78E-06	
47	-0.000590	-7.21E-05	-0.004957
-2.88E-05	-0.000257	-2.53E-06	
48	-0.000589	-7.89E-05	-0.007766
-2.64E-05	-0.000156	-2.06E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000588	-8.38E-05	-0.010031
-2.49E-05	-6.36E-05	-1.56E-06	
50	-0.000587	-8.79E-05	-0.011407
-2.34E-05	-1.04E-05	-1.12E-06	
51	-0.000587	-8.95E-05	-0.011687
-2.70E-05	-0.000122	-8.72E-07	
52	-0.000587	-8.75E-05	-0.010795
-3.14E-05	-0.000325	-1.25E-06	
53	-0.000587	-8.18E-05	-0.008793
-3.50E-05	-0.000523	-1.67E-06	
54	-0.000588	-7.22E-05	-0.005846
-3.81E-05	-0.000687	-3.95E-06	
55	-0.000589	-6.44E-05	-0.002183
-5.19E-05	-0.000782	-6.72E-06	
56	-0.000590	-6.50E-05	-9.65E-08
-6.24E-05	-0.000794	-7.57E-06	
57	-0.000615	-4.72E-05	-4.16E-07
-0.000114	-0.000234	-3.56E-06	
58	-0.000544	-4.21E-06	-0.002390
-0.000125	-0.000231	-3.08E-06	
59	-0.000616	-3.39E-05	-0.006324
-0.000148	-0.000214	-1.73E-06	
60	-0.000617	-2.96E-05	-0.009422
-0.000161	-0.000183	-1.29E-06	
61	-0.000617	-2.62E-05	-0.011509
-0.000161	-0.000143	-1.93E-06	
62	-0.000616	-2.28E-05	-0.012433
-0.000150	-0.000141	-2.89E-06	
63	-0.000615	-2.09E-05	-0.012123
-0.000128	-0.000234	-3.80E-06	
64	-0.000614	-2.00E-05	-0.010659
-0.000104	-0.000408	-4.45E-06	
65	-0.000613	-2.18E-05	-0.008261
-7.98E-05	-0.000557	-4.71E-06	
66	-0.000611	-3.62E-05	-0.005271
-5.97E-05	-0.000637	-4.63E-06	
67	-0.000610	-5.65E-05	-0.002088
-3.89E-05	-0.000628	-4.00E-06	
68	-0.000609	-6.86E-05	-9.05E-07
-3.62E-05	-0.000563	-3.43E-06	
69	-0.000609	-7.74E-05	-0.001657
-5.43E-05	-0.000478	-3.98E-06	
70	-0.000608	-8.50E-05	-0.004234
-8.84E-05	-0.000360	-2.46E-06	
71	-0.000608	-8.76E-05	-0.006664
-0.000115	-0.000253	-1.01E-06	
72	-0.000609	-8.56E-05	-0.008578
-0.000129	-0.000163	-9.60E-07	
73	-0.000609	-7.97E-05	-0.009646
-0.000132	-0.000128	-1.46E-06	
74	-0.000610	-7.08E-05	-0.009694
-0.000123	-0.000189	-2.23E-06	
75	-0.000611	-5.98E-05	-0.008711
-0.000106	-0.000306	-3.12E-06	
76	-0.000611	-4.71E-05	-0.006850
-8.24E-05	-0.000447	-3.81E-06	
77	-0.000612	-3.61E-05	-0.004416
-5.67E-05	-0.000527	-4.14E-06	
78	-0.000613	-3.04E-05	-0.001761
-2.92E-05	-0.000529	-3.87E-06	
79	-0.000614	-3.66E-05	-8.91E-07
-1.76E-05	-0.000477	-3.40E-06	
80	-0.000614	-4.49E-05	-0.001904
-3.67E-05	-0.000405	-3.87E-06	
81	-0.000615	-5.31E-05	-0.004758
-7.13E-05	-0.000308	-2.81E-06	
82	-0.000616	-5.89E-05	-0.007373
-9.94E-05	-0.000227	-1.75E-06	
83	-0.000617	-6.19E-05	-0.009388
-0.000119	-0.000152	-1.30E-06	
84	-0.000617	-6.24E-05	-0.010478
-0.000128	-0.000134	-1.51E-06	
85	-0.000618	-6.12E-05	-0.010478
-0.000128	-0.000207	-2.09E-06	
86	-0.000618	-5.98E-05	-0.009388
-0.000118	-0.000332	-2.63E-06	
87	-0.000619	-5.64E-05	-0.007373
-9.90E-05	-0.000481	-3.29E-06	
88	-0.000620	-5.10E-05	-0.004757
-7.09E-05	-0.000566	-3.81E-06	
89	-0.000621	-4.38E-05	-0.001903
-3.65E-05	-0.000570	-3.73E-06	
90	-0.000622	-3.68E-05	-8.91E-07
-1.78E-05	-0.000518	-3.39E-06	
91	-0.000622	-3.02E-05	-0.001760
-2.93E-05	-0.000446	-4.06E-06	
92	-0.000622	-3.10E-05	-0.004414
-5.64E-05	-0.000346	-3.19E-06	
93	-0.000622	-3.52E-05	-0.006848
-8.19E-05	-0.000267	-2.15E-06	
94	-0.000622	-4.06E-05	-0.008709
-0.000106	-0.000184	-1.67E-06	
95	-0.000622	-4.49E-05	-0.009693
-0.000123	-0.000150	-1.63E-06	
96	-0.000621	-4.70E-05	-0.009645
-0.000131	-0.000207	-1.91E-06	
97	-0.000621	-4.73E-05	-0.008577
-0.000129	-0.000319	-2.33E-06	
98	-0.000620	-4.72E-05	-0.006663
-0.000114	-0.000450	-2.85E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000619	-4.76E-05	-0.004234
-8.84E-05	-0.000517	-3.31E-06	
100	-0.000618	-4.81E-05	-0.001657
-5.41E-05	-0.000504	-3.20E-06	
101	-0.000617	-4.81E-05	-9.09E-07
-3.43E-05	-0.000440	-2.92E-06	
102	-0.000616	-4.84E-05	-0.002089
-3.83E-05	-0.000478	-3.56E-06	
103	-0.000615	-5.21E-05	-0.005272
-5.90E-05	-0.000248	-2.62E-06	
104	-0.000613	-5.71E-05	-0.008263
-7.92E-05	-0.000150	-1.52E-06	
105	-0.000611	-6.10E-05	-0.010661
-0.000104	-6.07E-05	-9.18E-07	
106	-0.000610	-6.33E-05	-0.012125
-0.000128	-2.11E-05	-5.88E-07	
107	-0.000609	-6.43E-05	-0.012435
-0.000150	-0.000135	-3.88E-07	
108	-0.000609	-6.44E-05	-0.011510
-0.000161	-0.000318	-7.47E-07	
109	-0.000609	-6.34E-05	-0.009423
-0.000160	-0.000525	-1.56E-06	
110	-0.000610	-6.30E-05	-0.006323
-0.000146	-0.000712	-2.68E-06	
111	-0.000611	-6.60E-05	-0.002390
-0.000122	-0.000845	-3.73E-06	
112	-0.000611	-6.96E-05	-4.14E-07
-0.000110	-0.000871	-4.04E-06	
113	-0.000594	-4.36E-05	-8.17E-08
-0.000192	-0.000230	-5.54E-06	
114	-0.000594	-3.89E-05	-0.002085

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000580	-6.53E-05	-0.006078
-0.000219	-0.000267	-3.17E-06	
150	-0.000581	-7.37E-05	-0.007734
-0.000265	-0.000333	-2.51E-06	
151	-0.000581	-7.71E-05	-0.008605
-0.000292	-0.000134	-2.04E-06	
152	-0.000582	-7.63E-05	-0.008557
-0.000300	-0.000161	-1.75E-06	
153	-0.000582	-7.26E-05	-0.007600
-0.000288	-0.000271	-1.62E-06	
154	-0.000583	-6.57E-05	-0.005893
-0.000252	-0.000391	-1.62E-06	
155	-0.000582	-5.82E-05	-0.003743
-0.000193	-0.000449	-1.70E-06	
156	-0.000581	-5.35E-05	-0.001479
-0.000121	-0.000441	-1.85E-06	
157	-0.000581	-5.26E-05	-2.34E-07
-8.47E-05	-0.000402	-2.15E-06	
158	-0.000580	-5.43E-05	-0.001902
-8.73E-05	-0.000345	-2.53E-06	
159	-0.000580	-6.09E-05	-0.004757
-0.000145	-0.000249	-2.61E-06	
160	-0.000579	-6.83E-05	-0.007450
-0.000208	-0.000152	-2.29E-06	
161	-0.000578	-7.29E-05	-0.009617
-0.000263	-6.15E-05	-1.60E-06	
162	-0.000578	-7.38E-05	-0.010933
-0.000304	-7.92E-06	-1.03E-06	
163	-0.000577	-7.15E-05	-0.011195
-0.000330	-8.51E-05	-8.16E-07	
164	-0.000576	-6.86E-05	-0.010335
-0.000343	-0.000263	-1.13E-06	
165	-0.000575	-6.37E-05	-0.008413
-0.000336	-0.000457	-1.47E-06	
166	-0.000574	-5.92E-05	-0.005590
-0.000300	-0.000625	-1.89E-06	
167	-0.000573	-6.16E-05	-0.002085
-0.000231	-0.000732	-2.26E-06	
168	-0.000573	-6.40E-05	-8.33E-08
-0.000195	-0.000751	-2.25E-06	
169	-0.000608	-3.66E-05	-0.000101
-0.000175	-0.000243	-3.14E-05	
170	-0.000608	-3.70E-05	-0.002389
-0.000103	-0.000286	-2.55E-05	
171	-0.000609	-3.72E-05	-0.006267
-8.67E-05	-0.000334	-3.14E-05	
172	-0.000610	-3.75E-05	-0.009349
-8.66E-05	-0.000316	-3.00E-05	
173	-0.000610	-3.60E-05	-0.011441
-8.95E-05	-0.000290	-2.83E-05	
174	-0.000610	-3.35E-05	-0.012367
-8.90E-05	-0.000280	-2.68E-05	
175	-0.000609	-3.14E-05	-0.012059
-8.18E-05	-0.000366	-3.64E-05	
176	-0.000608	-2.90E-05	-0.010595
-7.06E-05	-0.000536	-5.33E-05	
177	-0.000607	-2.90E-05	-0.008209
-6.50E-05	-0.000485	-4.71E-05	
178	-0.000606	-4.10E-05	-0.005245
-7.25E-05	-0.000759	-7.43E-05	
179	-0.000604	-5.82E-05	-0.002095
-7.41E-05	-0.000732	-6.69E-05	
180	-0.000603	-7.19E-05	-7.44E-05
-6.97E-05	-0.000619	-5.41E-05	
181	-0.000605	-8.18E-05	-0.001662
-6.74E-05	-0.000546	-5.11E-05	
182	-0.000602	-9.08E-05	-0.004197
-6.74E-05	-0.000494	-4.74E-05	
183	-0.000602	-9.50E-05	-0.006591
-6.71E-05	-0.000393	-3.94E-05	
184	-0.000602	-9.45E-05	-0.008491
-7.19E-05	-0.000310	-3.25E-05	
185	-0.000602	-8.97E-05	-0.009553
-7.47E-05	-0.000278	-3.14E-05	
186	-0.000602	-8.16E-05	-0.009602
-7.15E-05	-0.000330	-3.54E-05	
187	-0.000603	-7.03E-05	-0.008625
-6.47E-05	-0.000447	-4.52E-05	
188	-0.000603	-5.60E-05	-0.006777
-5.84E-05	-0.000584	-5.54E-05	
189	-0.000604	-4.28E-05	-0.004380
-6.10E-05	-0.000655	-6.05E-05	
190	-0.000604	-3.52E-05	-0.001767
-6.05E-05	-0.000636	-5.42E-05	
191	-0.000604	-4.10E-05	-6.64E-05
-5.64E-05	-0.000534	-4.30E-05	
192	-0.000604	-4.87E-05	-0.001910
-5.98E-05	-0.000474	-3.97E-05	
193	-0.000605	-5.97E-05	-0.004724
-5.92E-05	-0.000443	-3.53E-05	
194	-0.000605	-6.75E-05	-0.007306
-6.03E-05	-0.000366	-2.66E-05	
195	-0.000606	-7.18E-05	-0.009309
-6.50E-05	-0.000298	-2.04E-05	
196	-0.000606	-7.29E-05	-0.010393
-6.86E-05	-0.000285	-2.23E-05	
197	-0.000606	-7.16E-05	-0.010393
-6.85E-05	-0.000356	-3.38E-05	
198	-0.000607	-6.96E-05	-0.009308
-6.47E-05	-0.000482	-5.02E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000607	-6.48E-05	-0.007306
-5.98E-05	-0.000625	-6.37E-05	
200	-0.000607	-5.73E-05	-0.004724
-5.84E-05	-0.000698	-7.14E-05	
201	-0.000608	-4.76E-05	-0.001910
-5.91E-05	-0.000678	-6.70E-05	
202	-0.000608	-4.10E-05	-6.64E-05
-5.63E-05	-0.000574	-5.65E-05	
203	-0.000608	-3.49E-05	-0.001765
-6.00E-05	-0.000513	-5.49E-05	
204	-0.000608	-3.88E-05	-0.004378
-6.01E-05	-0.000479	-5.26E-05	
205	-0.000608	-4.52E-05	-0.006775
-5.75E-05	-0.000404	-4.48E-05	
206	-0.000608	-5.32E-05	-0.008623
-6.39E-05	-0.000327	-3.77E-05	
207	-0.000608	-5.87E-05	-0.009600
-7.07E-05	-0.000301	-3.22E-05	
208	-0.000608	-6.06E-05	-0.009551
-7.40E-05	-0.000362	-3.10E-05	
209	-0.000608	-5.89E-05	-0.008489
-7.14E-05	-0.000476	-3.97E-05	
210	-0.000607	-5.60E-05	-0.006589
-6.67E-05	-0.000601	-5.12E-05	
211	-0.000607	-5.37E-05	-0.004195
-6.73E-05	-0.000653	-5.72E-05	
212	-0.000605	-5.40E-05	-0.001661
-6.77E-05	-0.000611	-5.15E-05	
213	-0.000604	-5.28E-05	-6.66E-05
-6.97E-05	-0.000493	-4.08E-05	
214	-0.000603	-5.41E-05	-0.002098
-7.42E-05	-0.000419	-3.78E-05	
215	-0.000602	-5.83E-05	-0.005249
-7.25E-05	-0.000374	-3.42E-05	
216	-0.000600	-6.55E-05	-0.008213
-6.50E-05	-0.000282	-2.73E-05	
217	-0.000599	-7.04E-05	-0.010599
-7.12E-05	-0.000200	-2.40E-05	
218	-0.000598	-7.31E-05	-0.012062
-8.26E-05	-0.000170	-2.43E-05	
219	-0.000597	-7.40E-05	-0.012369
-9.01E-05	-0.000294	-3.24E-05	
220	-0.000597	-7.36E-05	-0.011442
-9.07E-05	-0.000487	-5.03E-05	
221	-0.000598	-7.09E-05	-0.009348
-8.77E-05	-0.000688	-7.05E-05	
222	-0.000600	-6.61E-05	-0.006263
-8.76E-05	-0.000854	-8.89E-05	
223	-0.000602	-5.97E-05	-0.002383
-0.000103	-0.000925	-8.52E-05	
224	-0.000603	-5.57E-05	-0.000103
-0.000174	-0.000889	-0.000103	
225	-0.000605	-4.33E-05	-0.000151
-5.69E-05	-0.000341	-3.69E-05	
226	-0.000605	-3.78E-05	-0.002367
-0.000162	-0.000283	-3.16E-05	
227	-0.000605	-3.10E-05	-0.006155
-0.000282	-0.000329	-3.79E-05	
228	-0.000605	-2.65E-05	-0.009171
-0.000319	-0.000309	-3.57E-05	
229	-0.000605	-2.36E-05	-0.011220
-0.000324	-0.000281	-3.33E-05	
230	-0.000604	-2.48E-05	-0.012127
-0.000313	-0.000293	-3.42E-05	
231	-0.000603	-2.62E-05	-0.011829
-0.000289	-0.000394	-4.27E-05	
232	-0.000601	-2.76E-05	-0.010398
-0.000252	-0.000561	-5.22E-05	
233	-0.000600	-3.14E-05	-0.008063
-0.000198	-0.000699	-7.03E-05	
234	-0.000598	-4.24E-05	-0.005163
-0.000126	-0.000762	-7.68E-05	
235	-0.000597	-5.70E-05	-0.002081
-3.84E-05	-0.000722	-6.87E-05	
236	-0.000597	-6.52E-05	-0.000126
-1.58E-05	-0.000608	-5.53E-05	
237	-0.000596	-7.28E-05	-0.001651
-7.63E-05	-0.000537	-5.16E-05	
238	-0.000596	-7.94E-05	-0.004133
-0.000174	-0.000485	-4.64E-05	
239	-0.000595	-8.22E-05	-0.006481
-0.000239	-0.000387	-3.70E-05	
240	-0.000596	-8.14E-05	-0.008345
-0.000276	-0.000304	-2.90E-05	
241	-0.000596	-7.70E-05	-0.009387
-0.000287	-0.000277	-2.71E-05	
242	-0.000596	-6.93E-05	-0.009435
-0.000280	-0.000339	-3.25E-05	
243	-0.000597	-5.99E-05	-0.008478
-0.000256	-0.000455	-4.85E-05	
244	-0.000597	-4.77E-05	-0.006666
-0.000210	-0.000587	-6.10E-05	
245	-0.000598	-3.51E-05	-0.004315
-0.000137	-0.000652	-6.78E-05	
246	-0.000598	-3.01E-05	-0.001755
-4.25E-05	-0.000627	-6.19E-05	
247	-0.000599	-3.51E-05	-0.000116
-5.86E-06	-0.000527	-5.09E-05	
248	-0.000599	-4.12E-05	-0.001897
-5.46E-05	-0.000469	-4.90E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000592	-4.90E-05	-0.004653
-0.000155	-0.000437	-4.78E-05	
250	-0.000599	-5.58E-05	-0.007185
-0.000226	-0.000362	-4.16E-05	
251	-0.000600	-6.04E-05	-0.009148
-0.000268	-0.000294	-3.56E-05	
252	-0.000600	-6.18E-05	-0.010211
-0.000285	-0.000282	-3.47E-05	
253	-0.000599	-6.09E-05	-0.010211
-0.000285	-0.000351	-3.88E-05	
254	-0.000599	-5.88E-05	-0.009148
-0.000268	-0.000473	-4.53E-05	
255	-0.000599	-5.39E-05	-0.007184
-0.000225	-0.000614	-5.27E-05	
256	-0.000599	-4.67E-05	-0.004653
-0.000154	-0.000686	-5.61E-05	
257	-0.000600	-3.95E-05	-0.001896
-5.38E-05	-0.000667	-4.88E-05	
258	-0.000600	-3.46E-05	-0.000116
-5.81E-06	-0.000569	-3.78E-05	
259	-0.000600	-2.96E-05	-0.001755
-4.17E-05	-0.000511	-3.50E-05	
260	-0.000601	-3.20E-05	-0.004315
-0.000136	-0.000476	-3.35E-05	
261	-0.000601	-3.79E-05	-0.006665
-0.000209	-0.000401	-3.00E-05	
262	-0.000601	-4.49E-05	-0.008477
-0.000255	-0.000325	-2.95E-05	
263	-0.000599	-4.92E-05	-0.009434
-0.000279	-0.000296	-3.33E-05	
264	-0.000601	-5.05E-05	-0.009386
-0.000287	-0.000343	-3.93E-05	
265	-0.000601	-4.94E-05	-0.008344
-0.000276	-0.000451	-5.03E-05	
266	-0.000601	-4.56E-05	-0.006481
-0.000239	-0.000576	-6.22E-05	
267	-0.000600	-4.41E-05	-0.004133
-0.000174	-0.000633	-6.80E-05	
268	-0.000599	-4.45E-05	-0.001651
-7.63E-05	-0.000599	-6.08E-05	
269	-0.000598	-4.49E-05	-0.000118
-1.54E-05	-0.000491	-4.87E-05	
270	-0.000598	-4.41E-05	-0.002079
-3.78E-05	-0.000423	-4.56E-05	
271	-0.000596	-4.73E-05	-0.005162
-0.000126	-0.000376	-4.12E-05	
272	-0.000595	-5.39E-05	-0.008063
-0.000198	-0.000283	-3.32E-05	
273	-0.000594	-5.79E-05	-0.010398
-0.000252	-0.000203	-2.72E-05	
274	-0.000592	-5.95E-05	-0.011830
-0.000290	-0.000166	-2.33E-05	
275	-0.000591	-5.97E-05	-0.012128
-0.000313	-0.000267	-2.77E-05	
276	-0.000591	-5.95E-05	-0.011221
-0.000324	-0.000340	-4.09E-05	
277	-0.000591	-5.92E-05	-0.009173
-0.000319	-0.000639	-6.22E-05	
278	-0.000591	-5.92E-05	-0.006159
-0.000282	-0.000810	-7.98E-05	
279	-0.000591	-6.16E-05	-0.002372
-0.000162	-0.000900	-7.64E-05	
280	-0.000591	-6.49E-05	-0.000149
-5.85E-05	-0.000887	-9.15E-05	
281	-0.001368	-9.77E-06	.000000
-5.20E-05	-0.000238	-4.28E-06	
282	-0.000670	-2.10E-05	.000000
-8.69E-06	-0.000538	-3.75E-06	
283	-0.001102	.000000	.000000
-7.01E-06	-0.000453	-3.49E-06	
284	.000000	.000000	.000000
1.23E-21	-0.000495	-3.69E-06	
285	-0.001159	-6.03E-05	.000000
-8.11E-23	-0.000416	-2.95E-06	
286	-0.000401	-7.98E-06	.000000
-3.43E-05	.000000	-7.57E-06	
287	-0.001454	-3.93E-05	.000000
-8.53E-05	-0.000231	-3.56E-06	
288	-0.000713	-2.16E-05	.000000
-4.18E-05	-0.000564	-3.43E-06	
289	-0.001216	.000000	.000000
-1.76E-05	-0.000477	-3.40E-06	
290	.000000	.000000	.000000
2.09E-21	-0.000518	-3.39E-06	
291	-0.001207	-6.28E-05	.000000
1.13E-21	-0.000441	-2.92E-06	
292	-0.000424	-3.30E-05	.000000
1.56E-21	-0.000875	-4.04E-06	
293	-0.001324	-2.18E-05	.000000
-0.000151	-0.000218	-5.54E-06	
294	-0.000662	-0.000112	.000000
-0.000122	-0.000518	-2.73E-06	
295	-0.001153	-6.31E-05	.000000
-0.000140	-0.000421	-2.71E-06	
296	-3.90E-07	-0.000125	.000000
-6.24E-05	-0.000484	-2.72E-06	
297	-0.001056	-0.000393	.000000
-7.09E-05	-0.000412	-2.15E-06	
298	-0.000368	-0.000183	.000000
-2.05E-05	-0.000768	-2.25E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
6.94E-05	0.000793	0.000170	4.40E-08
2	0.001229	1.01E-05	
9.33E-05	0.000792	0.000175	0.000929
3	0.001198	9.24E-06	
0.000162	0.000792	0.000195	0.002538
4	0.001022	6.19E-06	
0.000223	0.000793	0.000212	0.003975
5	0.000753	4.47E-06	
0.000266	0.000795	0.000217	0.005165
6	0.000451	3.08E-06	
0.000292	0.000794	0.000208	0.006022
7	0.000173	2.00E-06	
0.000301	0.000794	0.000185	0.006450
8	1.69E-05	1.74E-06	
0.000292	0.000795	0.000149	0.006351
9	8.58E-05	2.52E-06	
0.000257	0.000795	0.000107	0.005627
10	0.000217	3.84E-06	
0.000195	0.000794	6.61E-05	0.004206
11	0.000364	5.62E-06	
0.000118	0.000794	4.67E-05	0.002006
12	0.000521	6.74E-06	
8.72E-05	0.000627	6.50E-06	7.65E-08
13	0.000792	7.35E-05	0.002627
0.000113	0.000707	8.29E-06	
14	0.000791	0.000106	0.005673
0.000189	0.000730	8.38E-06	
15	0.000790	0.000137	0.007861
0.000254	0.000641	6.77E-06	
16	0.000790	0.000158	0.009226
0.000295	0.000454	5.25E-06	
17	0.000790	0.000165	0.009764
0.000313	0.000288	4.36E-06	
18	0.000791	0.000159	0.009523
0.000314	0.000212	4.15E-06	
19	0.000792	0.000139	0.008822
0.000296	0.000265	5.03E-06	
20	0.000794	0.000106	0.007414
0.000252	0.000384	6.19E-06	
21	0.000796	6.57E-05	0.005280
0.000181	0.000503	7.65E-06	
22	0.000797	3.33E-05	0.002415
9.39E-05	0.000646	8.85E-06	
23	0.000798	3.54E-05	1.31E-07
6.24E-05	0.000737	9.22E-06	
24	0.000799	5.57E-05	0.002217
9.54E-05	0.000799	1.06E-05	
25	0.000801	9.90E-05	0.004811
0.000178	0.000797	1.01E-05	
26	0.000802	0.000140	0.006699
0.000245	0.000683	8.10E-06	
27	0.000803	0.000169	0.007904
0.000287	0.000472	5.67E-06	
28	0.000805	0.000184	0.008413
0.000305	0.000286	4.32E-06	
29	0.000806	0.000183	0.008410
0.000305	0.000187	3.24E-06	
30	0.000807	0.000166	0.007899
0.000287	0.000217	2.92E-06	
31	0.000809	0.000136	0.006693
0.000245	0.000326	3.94E-06	
32	0.000810	0.000112	0.004805
0.000177	0.000448	5.46E-06	
33	0.000812	5.44E-05	0.002214
9.58E-05	0.000588	6.80E-06	
34	0.000813	3.62E-05	1.31E-07
6.27E-05	0.000678	7.41E-06	
35	0.000814	3.27E-05	0.002412
9.30E-05	0.000742	9.29E-06	
36	0.000814	5.85E-05	0.005274
0.000179	0.000743	9.16E-06	
37	0.000815	9.29E-05	0.007408
0.000250	0.000637	7.41E-06	
38	0.000815	0.000119	0.008817
0.000294	0.000438	5.24E-06	
39	0.000815	0.000133	0.009523
0.000312	0.000258	4.01E-06	
40	0.000814	0.000132	0.009764
0.000312	0.000180	3.05E-06	
41	0.000812	0.000117	0.009228
0.000294	0.000228	2.93E-06	
42	0.000810	9.14E-05	0.007863
0.000253	0.000360	4.34E-06	
43	0.000807	6.67E-05	0.005675
0.000188	0.000519	6.49E-06	
44	0.000805	4.61E-05	0.002628
0.000112	0.000692	8.52E-06	
45	0.000803	4.89E-05	7.38E-08
8.71E-05	0.000812	9.52E-06	
46	0.000801	6.98E-05	0.002006
0.000115	0.000888	1.20E-05	
47	0.000800	0.000117	0.004207
0.000192	0.000909	1.24E-05	
48	0.000798	0.000169	0.005630
0.000256	0.000805	1.11E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000798	0.000215	0.006355
0.000293	0.000594	9.13E-06	
50	0.000797	0.000249	0.006456
0.000304	0.000335	6.67E-06	
51	0.000797	0.000267	0.006029
0.000296	0.000199	4.39E-06	
52	0.000797	0.000270	0.005174
0.000270	0.000205	2.84E-06	
53	0.000798	0.000255	0.003984
0.000229	0.000259	2.42E-06	
54	0.000799	0.000228	0.002545
0.000169	0.000303	3.33E-06	
55	0.000800	0.000196	0.000933
0.000102	0.000329	4.92E-06	
56	0.000800	0.000183	4.58E-08
7.99E-05	0.000334	5.36E-06	
57	0.000755	0.000136	3.32E-08
6.03E-05	0.001133	5.75E-06	
58	0.000756	0.000134	0.000875
6.95E-05	0.001095	4.89E-06	
59	0.000756	0.000132	0.002389
0.000104	0.000916	2.73E-06	
60	0.000756	0.000125	0.003736
0.000136	0.000662	1.93E-06	
61	0.000756	0.000113	0.004847
0.000159	0.000384	1.68E-06	
62	0.000755	9.74E-05	0.005635
0.000173	0.000148	1.72E-06	
63	0.000755	7.82E-05	0.006012
0.000176	2.12E-05	1.89E-06	
64	0.000754	5.65E-05	0.005889
0.000170	8.87E-05	1.95E-06	
65	0.000754	3.90E-05	0.005189
0.000156	0.000209	2.13E-06	
66	0.000753	3.97E-05	0.003862
0.000128	0.000340	2.97E-06	
67	0.000752	5.19E-05	0.001842
7.41E-05	0.000481	3.67E-06	
68	0.000752	6.15E-05	4.74E-08
7.25E-05	0.000581	6.64E-06	
69	0.000751	6.84E-05	0.002421
0.000110	0.000655	3.41E-06	
70	0.000751	7.34E-05	0.005235
0.000160	0.000668	2.92E-06	
71	0.000750	8.08E-05	0.007283
0.000192	0.000577	1.96E-06	
72	0.000750	8.41E-05	0.008582
0.000206	0.000402	1.98E-06	
73	0.000750	8.15E-05	0.009108
0.000208	0.000255	2.50E-06	
74	0.000751	7.28E-05	0.008892
0.000202	0.000197	3.10E-06	
75	0.000751	5.90E-05	0.008203
0.000187	0.000252	3.77E-06	
76	0.000752	4.19E-05	0.006868
0.000159	0.000364	4.44E-06	
77	0.000752	2.67E-05	0.004874
0.000118	0.000470	5.33E-06	
78	0.000753	2.48E-05	0.002229
6.00E-05	0.000599	5.98E-06	
79	0.000753	3.46E-05	1.06E-07
2.99E-05	0.000686	4.93E-06	
80	0.000754	4.58E-05	0.002040
7.24E-05	0.000747	5.07E-06	
81	0.000754	6.06E-05	0.004424
0.000129	0.000739	4.60E-06	
82	0.000754	7.72E-05	0.006183
0.000167	0.000628	3.56E-06	
83	0.000755	9.01E-05	0.007325
0.000187	0.000433	2.56E-06	
84	0.000755	9.63E-05	0.007819
0.000195	0.000264	1.96E-06	
85	0.000755	9.50E-05	0.007819
0.000194	0.000174	1.69E-06	
86	0.000755	8.66E-05	0.007324
0.000186	0.000206	1.79E-06	
87	0.000755	7.29E-05	0.006182
0.000165	0.000307	2.29E-06	
88	0.000756	5.60E-05	0.004423
0.000128	0.000416	3.44E-06	
89	0.000756	4.32E-05	0.002039
7.13E-05	0.000543	4.33E-06	
90	0.000757	3.42E-05	1.06E-07
2.96E-05	0.000631	3.37E-06	
91	0.000757	2.40E-05	0.002229
6.02E-05	0.000694	3.80E-06	
92	0.000757	2.26E-05	0.004874
0.000118	0.000693	3.73E-06	
93	0.000757	2.89E-05	0.006868
0.000158	0.000659	3.07E-06	
94	0.000757	3.85E-05	0.008203
0.000186	0.000411	2.37E-06	
95	0.000757	4.45E-05	0.008893
0.000201	0.000249	1.80E-06	
96	0.000757	4.51E-05	0.009109
0.000207	0.000167	1.48E-06	
97	0.000756	4.07E-05	0.008583
0.000206	0.000216	1.70E-06	
98	0.000755	3.47E-05	0.007284
0.000191	0.000339	2.52E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000754	3.12E-05	0.005236
0.000160	0.000483	4.04E-06	
100	0.000753	3.84E-05	0.002422
0.000108	0.000640	5.43E-06	
101	0.000752	4.54E-05	5.38E-08
6.71E-05	0.000748	5.15E-06	
102	0.000751	5.04E-05	0.001842
7.44E-05	0.000831	5.87E-06	
103	0.000750	6.54E-05	0.003862
0.000127	0.000812	6.18E-06	
104	0.000749	8.78E-05	0.005189
0.000155	0.000755	5.84E-06	
105	0.000748	0.000113	0.005889
0.000170	0.000564	5.13E-06	
106	0.000747	0.000135	0.006012
0.000176	0.000331	4.13E-06	
107	0.000747	0.000151	0.005634
0.000173	0.000193	3.09E-06	
108	0.000747	0.000161	0.004845
0.000158	0.000188	2.34E-06	
109	0.000747	0.000163	0.003734
0.000134	0.000244	1.79E-06	
110	0.000747	0.000160	0.002385
0.000100	0.000286	1.80E-06	
111	0.000747	0.000151	0.000873
6.20E-05	0.000312	3.52E-06	
112	0.000747	0.000148	2.80E-08
4.94E-05	0.000316	4.13E-06	
113	0.000668	0.000112	4.79E-08
4.69E-05	0.000883	3.94E-06	
114	0.000668	3.49E-05	0.000816
5.09E-05	0.000859	3.90E-06	
115	0.000668	4.39E-05	0.002232
5.94E-05	0.000733	3.62E-06	
116	0.000667	3.97E-05	0.003495
6.77E-05	0.000534	3.24E-06	
117	0.000666	4.36E-05	0.004529
7.36E-05	0.000301	2.88E-06	
118	0.000665	5.07E-05	0.005255
7.68E-05	8.90E-05	2.65E-06	
119	0.000664	5.68E-05	0.005583
8.10E-05	1.26E-05	2.96E-06	
120	0.000663	6.10E-05	0.005432
7.95E-05	9.08E-05	4.14E-06	
121	0.000662	6.23E-05	0.004732
7.04E-05	0.000204	5.33E-06	

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000649	4.12E-05	0.006312
8.38E-05	0.000481	1.71E-06	
150	0.000650	4.43E-05	0.007599
9.85E-05	0.000333	1.74E-06	
151	0.000650	4.39E-05	0.008278
0.000106	0.000659	2.29E-06	
152	0.000652	4.08E-05	0.008470
0.000112	0.000138	3.67E-06	
153	0.000653	3.77E-05	0.007948
0.000117	0.000209	5.25E-06	
154	0.000655	3.49E-05	0.006688
0.000113	0.000327	6.47E-06	
155	0.000657	3.22E-05	0.004737
9.58E-05	0.000460	7.07E-06	
156	0.000659	2.99E-05	0.002137
5.74E-05	0.000584	6.49E-06	
157	0.000659	3.17E-05	7.37E-08
2.55E-05	0.000651	5.56E-06	
158	0.000660	4.17E-05	0.001600
2.47E-05	0.000659	4.52E-06	
159	0.000660	5.42E-05	0.003456
5.10E-05	0.000706	3.12E-06	
160	0.000660	6.28E-05	0.004731
6.93E-05	0.000631	2.17E-06	
161	0.000659	6.71E-05	0.005430
7.99E-05	0.000474	2.05E-06	
162	0.000659	6.72E-05	0.005580
8.18E-05	0.000271	2.59E-06	
163	0.000658	6.47E-05	0.005251
7.78E-05	0.000142	3.80E-06	
164	0.000658	6.15E-05	0.004526
7.51E-05	0.000175	5.92E-06	
165	0.000657	5.84E-05	0.003493
6.98E-05	0.000229	7.86E-06	
166	0.000657	6.20E-05	0.002232
6.27E-05	0.000269	9.38E-06	
167	0.000657	9.60E-05	0.000816
5.61E-05	0.000292	1.02E-05	
168	0.000656	0.000119	5.10E-08
5.32E-05	0.000296	1.02E-05	
169	0.000775	0.000145	5.83E-05
4.26E-05	0.001232	0.000151	
170	0.000775	0.000155	0.000908
6.63E-05	0.001228	0.000123	
171	0.000775	0.000172	0.002468
0.000177	0.001075	0.000128	
172	0.000776	0.000182	0.003862
0.000230	0.000816	0.000101	
173	0.000774	0.000182	0.005013
0.000267	0.000525	7.46E-05	
174	0.000774	0.000168	0.005838
0.000293	0.000269	5.17E-05	
175	0.000774	0.000143	0.006244
0.000308	0.000178	4.05E-05	
176	0.000774	0.000109	0.006138
0.000305	0.000177	4.18E-05	
177	0.000773	7.22E-05	0.005430
0.000277	0.000298	4.85E-05	
178	0.000773	4.78E-05	0.004056
0.000219	0.000394	5.92E-05	
179	0.000772	3.98E-05	0.001934
0.000108	0.000546	6.48E-05	
180	0.000772	5.32E-05	5.28E-05
6.14E-05	0.000650	6.85E-05	
181	0.000771	7.00E-05	0.002545
0.000121	0.000769	8.26E-05	
182	0.000771	9.62E-05	0.005485
0.000218	0.000805	9.10E-05	
183	0.000769	0.000120	0.007601
0.000281	0.000720	8.26E-05	
184	0.000769	0.000135	0.008928
0.000315	0.000537	6.66E-05	
185	0.000769	0.000140	0.009456
0.000326	0.000383	5.47E-05	
186	0.000769	0.000131	0.009225
0.000326	0.000307	5.20E-05	
187	0.000770	0.000111	0.008534
0.000313	0.000350	5.68E-05	
188	0.000772	8.04E-05	0.007165
0.000275	0.000461	6.53E-05	
189	0.000773	4.52E-05	0.005101
0.000205	0.000571	7.47E-05	
190	0.000774	2.27E-05	0.002333
9.24E-05	0.000669	7.92E-05	
191	0.000775	2.70E-05	2.99E-05
3.13E-05	0.000760	8.09E-05	
192	0.000776	4.77E-05	0.002140
9.61E-05	0.000863	9.46E-05	
193	0.000777	8.47E-05	0.004642
0.000201	0.000874	0.000102	
194	0.000778	0.000119	0.006466
0.000269	0.000766	9.12E-05	
195	0.000779	0.000144	0.007635
0.000305	0.000562	7.30E-05	
196	0.000779	0.000156	0.008134
0.000318	0.000386	5.66E-05	
197	0.000780	0.000155	0.008132
0.000317	0.000285	5.00E-05	
198	0.000780	0.000140	0.007632
0.000304	0.000305	4.84E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
223

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000781	0.000114	0.006461
0.000268	0.000405	4.95E-05	
200	0.000782	8.03E-05	0.004637
0.000199	0.000517	5.26E-05	
201	0.000782	4.51E-05	0.002137
9.43E-05	0.000612	5.21E-05	
202	0.000783	2.71E-05	3.04E-05
3.13E-05	0.000704	5.42E-05	
203	0.000784	2.18E-05	0.002332
9.12E-05	0.000809	6.71E-05	
204	0.000785	4.00E-05	0.005098
0.000203	0.000825	7.73E-05	
205	0.000786	6.50E-05	0.007162
0.000273	0.000747	7.40E-05	
206	0.000786	8.79E-05	0.008531
0.000312	0.000533	6.50E-05	
207	0.000786	0.000100	0.009225
0.000325	0.000365	5.34E-05	
208	0.000786	0.000101	0.009456
0.000326	0.000278	4.68E-05	
209	0.000781	8.98E-05	0.008928
0.000315	0.000315	5.09E-05	
210	0.000783	7.12E-05	0.007601
0.000281	0.000437	6.24E-05	
211	0.000781	5.13E-05	0.005483
0.000219	0.000583	7.61E-05	
212	0.000779	3.88E-05	0.002541
0.000121	0.000711	8.30E-05	
213	0.000777	3.96E-05	3.23E-05
6.11E-05	0.000824	8.59E-05	
214	0.000776	5.62E-05	0.001935
0.000109	0.000948	0.000103	
215	0.000775	9.40E-05	0.004057
0.000219	0.000984	0.000113	
216	0.000773	0.000137	0.005431
0.000277	0.000888	0.000105	
217	0.000773	0.000177	0.006139
0.000306	0.000687	8.66E-05	
218	0.000772	0.000208	0.006245
0.000309	0.000443	6.44E-05	
219	0.000772	0.000227	0.005838
0.000295	0.000305	5.00E-05	
220	0.000772	0.000232	0.005011
0.000269	0.000294	4.61E-05	
221	0.000772	0.000223	0.003856
0.000232	0.000338	4.74E-05	
222	0.000773	0.000202	0.002458
0.000179	0.000373	4.91E-05	
223	0.000774	0.000175	0.000890
6.60E-05	0.000357	4.14E-05	
224	0.000775	0.000158	5.89E-05
3.98E-05	0.000333	5.00E-05	
225	0.000710	0.000126	3.93E-05
6.29E-05	0.001081	0.000137	
226	0.000711	0.000112	0.000844
5.25E-05	0.000774	0.000112	
227	0.000711	8.75E-05	0.002308
8.16E-05	0.000942	0.000120	
228	0.000711	6.74E-05	0.003611
0.000106	0.000723	9.75E-05	
229	0.000710	6.23E-05	0.004681
0.000126	0.000471	7.31E-05	
230	0.000710	4.38E-05	0.005434
0.000139	0.000256	5.04E-05	
231	0.000709	5.86E-05	0.005783
0.000142	0.000154	3.90E-05	
232	0.000708	5.26E-05	0.005642
0.000139	0.000220	3.81E-05	
233	0.000708	4.80E-05	0.004938
0.000131	0.000328	4.38E-05	
234	0.000707	4.94E-05	0.003632
0.000120	0.000447	5.29E-05	
235	0.000706	5.33E-05	0.001688
9.85E-05	0.000519	5.66E-05	
236	0.000706	5.40E-05	3.37E-05
9.89E-05	0.000595	5.82E-05	
237	0.000706	5.13E-05	0.002236
0.000145	0.000700	7.08E-05	
238	0.000706	4.56E-05	0.004950
0.000169	0.000727	7.83E-05	
239	0.000706	4.52E-05	0.006953
0.000172	0.000651	7.08E-05	
240	0.000706	5.03E-05	0.008237
0.000171	0.000493	5.73E-05	
241	0.000706	5.37E-05	0.008764
0.000167	0.000357	4.66E-05	
242	0.000707	5.28E-05	0.008562
0.000161	0.000319	4.74E-05	
243	0.000707	4.79E-05	0.007874
0.000153	0.000374	5.65E-05	
244	0.000707	3.90E-05	0.006561
0.000140	0.000477	6.72E-05	
245	0.000707	2.85E-05	0.004614
0.000124	0.000575	7.81E-05	
246	0.000707	2.45E-05	0.002064
9.22E-05	0.000634	8.16E-05	
247	0.000706	2.93E-05	2.44E-05
6.82E-05	0.000697	8.20E-05	
248	0.000706	3.39E-05	0.001877
0.000105	0.000791	9.59E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
224

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000706	4.34E-05	0.004172
0.000133	0.000800	0.000104	
250	0.000706	5.56E-05	0.005891
0.000142	0.000707	9.47E-05	
251	0.000705	6.47E-05	0.007017
0.000148	0.000530	7.76E-05	
252	0.000705	6.94E-05	0.007510
0.000149	0.000372	6.06E-05	
253	0.000705	6.93E-05	0.007510
0.000148	0.000278	4.89E-05	
254	0.000704	6.46E-05	0.007019
0.000146	0.000330	3.92E-05	
255	0.000704	5.52E-05	0.005893
0.000141	0.000422	3.43E-05	
256	0.000704	4.23E-05	0.004174
0.000131	0.000520	3.44E-05	
257	0.000704	3.16E-05	0.001879
0.000104	0.000577	3.48E-05	
258	0.000704	2.70E-05	2.46E-05
6.81E-05	0.000642	3.76E-05	
259	0.000703	2.27E-05	0.002065
0.000125	0.000739	4.93E-05	
260	0.000703	2.59E-05	0.004616
0.000123	0.000758	5.95E-05	
261	0.000704	3.14E-05	0.006564
0.000139	0.000677	5.97E-05	
262	0.000704	3.74E-05	0.007878
0.000151	0.000515	5.66E-05	
263	0.000704	3.97E-05	0.008565
0.000160	0.000364	5.47E-05	
264	0.000704	3.80E-05	0.008767
0.000166	0.000291	5.49E-05	
265	0.000705	3.34E-05	0.008239
0.000171	0.000340	6.17E-05	
266	0.000705	2.87E-05	0.006956
0.000171	0.000453	7.23E-05	
267	0.000705	2.60E-05	0.004952
0.000169	0.000582	8.28E-05	
268	0.000705	3.08E-05	0.002240
0.000145	0.000665	8.56E-05	
269	0.000705	3.72E-05	2.21E-05
9.90E-05	0.000749	8.61E-05	
270	0.000705	4.13E-05	0.001687
9.73E-05	0.000866	0.000101	
271	0.000704	5.13E-05	0.003631
0.000120	0.000906	0.000110	
272	0.000704	6.39E-05	0.004937
0.000131	0.000831	0.000101	
273	0.000703	7.55E-05	0.005641
0.000140	0.000662	8.36E-05	
274	0.000703	8.42E-05	0.005782
0.000143	0.000448	6.13E-05	
275	0.000702	8.95E-05	0.005433
0.000139	0.000312	4.48E-05	
276	0.000702	9.20E-05	0.004681
0.000126	0.000307	4.10E-05	
277	0.000702	9.91E-05	0.003613
0.000106	0.000360	4.11E-05	
278	0.000702	0.000112	0.002314
8.09E-05	0.000382	4.23E-05	
279	0.000701	0.000128	0.000857
5.32E-05	0.000349	3.53E-05	
280	0.000701	0.000137	4.11E-05
6.61E-05	0.000313	4.18E-05	
281	0.001070	2.72E-05	.000000
8.46E-05	0.001229	1.01E-05	
282	0.001175	3.69E-05	.000000
8.70E-05	0.000628	6.50E-06	
283	0.001480	.000000	.000000
6.24E-05	0.000737	9.22E-06	
284	0.001444	.000000	.000000
4.16E-05	0.000679	7.41E-06	
285	0.001524	7.93E-05	.000000
2.24E-05	0.000808	9.82E-06	
286	0.001414	2.81E-05	.000000
7.13E-05	0.000336	5.36E-06	
287	0.001017	9.92E-05	.000000
0.001105	0.001435	5.75E-06	
288	0.001092	2.44E-05	.000000
7.11E-05	0.000580	2.64E-06	
289	0.001389	.000000	.000000
2.98E-05	0.000686	4.93E-06	
290	.000000	.000000	.000000
5.76E-06	0.000631	3.37E-06	
291	0.001423	7.40E-05	.000000
4.45E-06	0.000750	5.15E-06	
292	0.001300	0.000101	.000000
4.68E-06	0.000319	4.13E-06	
293	0.000915	6.69E-21	.000000
0.000103	0.000891	3.94E-06	
294	0.000916	1.96E-21	.000000
5.15E-05	0.000490	4.05E-06	
295	0.001196	-1.62E-20	.000000
9.79E-05	0.000583	5.96E-06	
296	3.38E-06	2.12E-05	.000000
-9.65E-22	0.000541	5.10E-06	
297	0.001182	0.000308	.000000
3.51E-22	0.000629	5.56E-06	
298	0.000974	0.000197	.000000
-3.19E-21	0.000296	1.02E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
225

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000868	-7.86E-05	-2.93E-07
-0.000166	-0.000334	-4.65E-06	
2	-0.000869	-6.76E-05	-0.003400
-0.000196	-0.000329	-6.46E-06	
3	-0.000871	-6.11E-05	-0.009055
-0.000261	-0.000303	-2.47E-06	
4	-0.000873	-6.33E-05	-0.013551
-0.000315	-0.000260	-2.39E-06	
5	-0.000874	-6.49E-05	-0.016575
-0.000341	-0.000205	-3.57E-06	
6	-0.000875	-6.46E-05	-0.017898
-0.000337	-0.000199	-5.44E-06	
7	-0.000874	-6.32E-05	-0.017433
-0.000308	-0.000336	-7.76E-06	
8	-0.000872	-6.30E-05	-0.015299
-0.000262	-0.000594	-1.01E-05	
9	-0.000870	-6.29E-05	-0.011821
-0.000197	-0.000805	-1.20E-05	
10	-0.000867	-6.96E-05	-0.007515
-0.000125	-0.000908	-1.36E-05	
11	-0.000864	-8.99E-05	-0.002977
-5.74E-05	-0.000888	-1.26E-05	
12	-0.000863	-0.000111	-6.76E-07
-4.51E-05	-0.000804	-9.07E-06	
13	-0.000860	-0.000122	-0.002346
-8.25E-05	-0.000692	-7.47E-06	
14	-0.000861	-0.000139	-0.005987
-0.000152	-0.000519	-5.34E-06	
15	-0.000860	-0.000153	-0.009455
-0.000215	-0.000360	-3.35E-06	
16	-0.000860	-0.000158	-0.012202
-0.000257	-0.000229	-2.49E-06	
17	-0.000861	-0.000154	-0.013737
-0.000272	-0.000180	-3.12E-06	
18	-0.000862	-0.000142	-0.013807
-0.000263	-0.000258	-4.53E-06	
19	-0.000863	-0.000124	-0.012395
-0.000237	-0.000437	-6.05E-06	
20	-0.000864	-9.94E-05	-0.009722
-0.000187	-0.000637	-8.75E-06	
21	-0.000865	-7.92E-05	-0.006249
-0.000122	-0.000744	-1.04E-05	
22	-0.000866	-6.95E-05	-0.002497
-5.08E-05	-0.000742	-1.03E-05	
23	-0.000868	-7.46E-05	-6.44E-07
-2.95E-05	-0.000679	-8.24E-06	
24	-0.000868	-7.96E-05	-0.002695
-6.59E-05	-0.000589	-7.17E-06	
25	-0.000870	-9.25E-05	-0.006725
-0.000139	-0.000448	-5.54E-06	
26	-0.000871	-0.000109	-0.010450
-0.000205	-0.000326	-3.81E-06	
27	-0.000873	-0.000120	-0.013336
-0.000251	-0.000217	-2.72E-06	
28	-0.000874	-0.000124	-0.014898
-0.000272	-0.000187	-3.19E-06	
29	-0.000875	-0.000122	-0.014896
-0.000272	-0.000286	-4.39E-06	
30	-0.000876	-0.000117	-0.013333
-0.000251	-0.000473	-5.90E-06	
31	-0.000878	-0.000106	-0.010445
-0.000204	-0.000684	-8.21E-06	
32	-0.000880	-9.02E-05	-0.006720
-0.000139	-0.000797	-1.00E-05	
33	-0.000881	-7.67E-05	-0.002692
-6.64E-05	-0.000799	-1.01E-05	
34	-0.000883	-7.52E-05	-6.44E-07
-3.02E-05	-0.000735	-8.26E-06	
35	-0.000883	-6.91E-05	-0.002493
-4.98E-05	-0.000645	-7.58E-06	
36	-0.000883	-7.20E-05	-0.006243
-0.000120	-0.000503	-6.11E-06	
37	-0.000883	-8.49E-05	-0.009714
-0.000185	-0.000384	-4.56E-06	
38	-0.000883	-9.85E-05	-0.012388
-0.000235	-0.000265	-3.36E-06	
39	-0.000883	-0.000109	-0.013800
-0.000262	-0.000212	-3.45E-06	
40	-0.000882	-0.000112	-0.013732
-0.000271	-0.000287	-4.36E-06	
41	-0.000881	-0.000107	-0.012199
-0.000256	-0.000453	-5.49E-06	
42	-0.000880	-9.66E-05	-0.009453
-0.000213	-0.000641	-7.51E-06	
43	-0.000879	-8.62E-05	-0.005986
-0.000150	-0.000730	-9.17E-06	
44	-0.000876	-8.22E-05	-0.002346
-8.01E-05	-0.000707	-9.12E-06	
45	-0.000874	-8.67E-05	-6.72E-07
-4.41E-05	-0.000627	-7.36E-06	
46	-0.000872	-8.72E-05	-0.002978
-5.22E-05	-0.000521	-6.60E-06	
47	-0.000869	-9.30E-05	-0.007518
-0.000121	-0.000364	-4.94E-06	
48	-0.000865	-0.000107	-0.011825
-0.000195	-0.000217	-3.32E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
226

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000862	-0.000117	-0.015305
-0.000262	-8.63E-05	-2.05E-06	
50	-0.000860	-0.000125	-0.017439
-0.000310	-1.64E-05	-1.27E-06	
51	-0.000859	-0.000124	-0.017905
-0.000340	-0.000172	-1.76E-06	
52	-0.000859	-0.000121	-0.016584
-0.000345	-0.000450	-3.40E-06	
53	-0.000861	-0.000115	-0.013559
-0.000320	-0.000753	-5.38E-06	
54	-0.000863	-0.000101	-0.009061
-0.000267	-0.001022	-7.59E-06	
55	-0.000866	-9.43E-05	-0.003403
-0.000204	-0.001198	-1.02E-05	
56	-0.000868	-9.76E-05	-2.95E-07
-0.000175	-0.001228	-1.06E-05	
57	-0.000827	-5.61E-05	-4.33E-07
-0.000177	-0.000316	-4.85E-06	
58	-0.000828	-4.92E-05	-0.003123
-0.000238	-0.000311	-4.15E-06	
59	-0.000829	-3.95E-05	-0.008287
-0.000368	-0.000286	-2.48E-06	
60	-0.000830	-3.31E-05	-0.012379
-0.000460	-0.000244	-2.82E-06	
61	-0.000828	-2.74E-05	-0.015140
-0.000506	-0.000188	-3.68E-06	
62	-0.000826	-2.40E-05	-0.016365
-0.000506	-0.000193	-4.61E-06	
63	-0.000824	-2.30E-05	-0.015961
-0.000462	-0.000331	-5.47E-06	
64	-0.000822	-2.29E-05	-0.014036
-0.000384	-0.000564	-6.05E-06	
65	-0.000820	-2.51E-05	-0.010877
-0.000284	-0.000755	-6.19E-06	
66	-0.000818	-3.86E-05	-0.006941
-0.000176	-0.000849	-6.03E-06	
67	-0.000816	-6.26E-05	-0.002756
-6.92E-05	-0.000830	-5.27E-06	
68	-0.000815	-7.85E-05	-9.54E-07
-5.50E-05	-0.000748	-4.41E-06	
69	-0.000814	-9.04E-05	-0.002173
-0.000115	-0.000639	-5.08E-06	
70	-0.000813	-9.10E-05	-0.005539
-0.000224	-0.000483	-3.24E-06	
71	-0.000813	-0.000107	-0.008719
-0.000321	-0.000339	-1.29E-06	
72	-0.000813	-0.000105	-0.011227
-0.000389	-0.000216	-1.23E-06	
73	-0.000814	-9.72E-05	-0.012628
-0.000419	-0.000167	-1.89E-06	
74	-0.000814	-8.54E-05	-0.012693
-0.000408	-0.000249	-2.76E-06	
75	-0.000815	-7.10E-05	-0.011408
-0.000358	-0.000411	-3.74E-06	
76	-0.000816	-5.48E-05	-0.008969
-0.000275	-0.000593	-4.48E-06	
77	-0.000817	-3.95E-05	-0.005785
-0.000174	-0.000693	-4.91E-06	
78	-0.000817	-2.93E-05	-0.002314
-7.05E-05	-0.000694	-4.72E-06	
79	-0.000818	-3.58E-05	-9.36E-07
-2.89E-05	-0.000631	-4.15E-06	
80	-0.000818	-4.60E-05	-0.002506
-9.09E-05	-0.000543	-4.74E-06	
81	-0.000819	-5.72E-05	-0.006246
-0.000202	-0.000416	-3.51E-06	
82	-0.000819	-6.59E-05	-0.009676
-0.000303	-0.000307	-2.16E-06	
83	-0.000820	-7.07E-05	-0.012322
-0.000378	-0.000206	-1.49E-06	
84	-0.000820	-7.19E-05	-0.013751
-0.000418	-0.000174	-1.58E-06	
85	-0.000821	-7.02E-05	-0.013751
-0.000418	-0.000264	-2.16E-06	
86	-0.000821	-6.73E-05	-0.012322
-0.000377	-0.000433	-2.93E-06	
87	-0.000821	-6.17E-05	-0.009676
-0.000301	-0.000629	-3.73E-06	
88	-0.000822	-5.32E-05	-0.006245
-0.000200	-0.000739	-4.46E-06	
89	-0.000823	-4.38E-05	-0.002506
-8.98E-05	-0.000747	-4.53E-06	
90	-0.000823	-3.55E-05	-9.36E-07
-2.85E-05	-0.000686	-4.07E-06	
91	-0.000823	-2.81E-05	-0.002313
-7.06E-05	-0.000599	-4.99E-06	
92	-0.000824	-3.24E-05	-0.005784
-0.000173	-0.000470	-4.02E-06	
93	-0.000824	-3.97E-05	-0.008968
-0.000273	-0.000364	-2.78E-06	
94	-0.000824	-4.67E-05	-0.011407
-0.000356	-0.000252	-2.13E-06	
95	-0.000824	-5.21E-05	-0.012692
-0.000407	-0.000197	-1.84E-06	
96	-0.000824	-5.45E-05	-0.012627
-0.000418	-0.000255	-1.95E-06	
97	-0.000823	-5.41E-05	-0.011227
-0.000388	-0.000402	-2.41E-06	
98	-0.000822	-5.21E-05	-0.008718
-0.000320	-0.000577	-3.08E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
227

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000821	-4.97E-05	-0.005539
-0.000224	-0.000668	-3.79E-06	
100	-0.000820	-4.83E-05	-0.002173
-0.000114	-0.000655	-3.89E-06	
101	-0.000819	-4.83E-05	-9.61E-07
-5.12E-05	-0.000581	-3.47E-06	
102	-0.000817	-4.98E-05	-0.002757
-7.07E-05	-0.000481	-4.19E-06	
103	-0.000815	-5.53E-05	-0.006942
-0.000176	-0.000340	-3.23E-06	
104	-0.000813	-6.23E-05	-0.010879
-0.000284	-0.000209	-2.11E-06	
105	-0.000811	-6.86E-05	-0.014038
-0.000385	-8.87E-05	-1.49E-06	
106	-0.000809	-7.33E-05	-0.015962
-0.000462	-2.12E-05	-1.07E-06	
107	-0.000808	-7.61E-05	-0.016365
-0.000506	-0.000148	-7.79E-07	
108	-0.000807	-7.76E-05	-0.015140
-0.000505	-0.000384	-1.04E-06	
109	-0.000807	-7.77E-05	-0.012378
-0.000458	-0.000663	-1.69E-06	
110	-0.000807	-7.81E-05	-0.008286
-0.000365	-0.000916	-2.92E-06	
111	-0.000808	-8.17E-05	-0.003122
-0.000232	-0.001096	-4.83E-06	
112	-0.000809	-8.57E-05	-4.29E-07
-0.000168	-0.001133	-6.18E-06	
113	-0.000750	-4.99E-05	-7.51E-08
-0.000242	-0.000296	-1.20E-05	
114	-0.000747	-4.31E-05	-0.002460
-0.000305	-0.000293	-1.19E-05	
115	-0.000744	-3.69E-05	-0.006613
-0.000432	-0.000270	-1.11E-05	
116	-0.000740	-6.81E-05	-0.009985
-0.000514	-0.000229	-9.56E-06	
117	-0.000736	-9.71E-05	-0.012301
-0.000550	-0.000175	-7.50E-06	
118	-0.000734	-0.000134	-0.013358
-0.000544	-0.000142	-5.28E-06	
119	-0.000732	-0.000134	-0.013077
-0.000504	-0.000271	-3.66E-06	
120	-0.000731	-0.000136	-0.011533
-0.000432	-0.000474	-2.63E-06	
121	-0.000730	-0.000127	-0.008965
-0.000333	-0.000631	-2.48E-06	
122	-0.000730	-0.000110	-0.005755
-0.000220	-0.000706	-3.14E-06	
123	-0.000730	-9.38E-05	-0.002321
-0.000116	-0.000698	-4.38E-06	
124	-0.000730	-8.48E-05	-2.19E-07
-9.92E-05	-0.000651	-5.30E-06	
125	-0.000730	-7.94E-05	-0.001784
-0.000154	-0.000584	-6.28E-06	
126	-0.000730	-8.76E-05	-0.004477
-0.000265	-0.000459	-

COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000715	-0.000108	-0.007263
-0.000322	-0.000348	-6.34E-06	
150	-0.000717	-0.000130	-0.009211
-0.000400	-0.000241	-5.05E-06	
151	-0.000718	-0.000140	-0.010231
-0.000446	-0.000167	-3.58E-06	
152	-0.000719	-0.000138	-0.010166
-0.000456	-0.000181	-2.52E-06	
153	-0.000719	-0.000126	-0.009033
-0.000428	-0.000313	-2.22E-06	
154	-0.000720	-0.000104	-0.007018
-0.000362	-0.000456	-2.12E-06	
155	-0.000720	-7.83E-05	-0.004478
-0.000264	-0.000529	-2.69E-06	
156	-0.000721	-5.64E-05	-0.001784
-0.000154	-0.000528	-3.75E-06	
157	-0.000721	-5.10E-05	-2.15E-07
-9.72E-05	-0.000489	-4.69E-06	
158	-0.000721	-6.14E-05	-0.002321
-0.000111	-0.000430	-5.60E-06	
159	-0.000722	-8.48E-05	-0.005755
-0.000217	-0.000321	-6.03E-06	
160	-0.000722	-0.000109	-0.008965
-0.000331	-0.000204	-5.38E-06	
161	-0.000723	-0.000126	-0.011532
-0.000432	-9.07E-05	-4.07E-06	
162	-0.000722	-0.000133	-0.013076
-0.000505	-1.26E-05	-2.52E-06	
163	-0.000722	-0.000128	-0.013357
-0.000545	-8.89E-05	-1.78E-06	
164	-0.000720	-0.000113	-0.012301
-0.000551	-0.000301	-2.05E-06	
165	-0.000717	-8.88E-05	-0.009985
-0.000515	-0.000534	-2.32E-06	
166	-0.000713	-6.24E-05	-0.006613
-0.000434	-0.000733	-2.71E-06	
167	-0.000711	-6.74E-05	-0.002460
-0.000309	-0.000859	-3.00E-06	
168	-0.000708	-7.23E-05	-7.81E-08
-0.000247	-0.000883	-3.05E-06	
169	-0.000850	-5.17E-05	-0.000114
-0.000168	-5.71E-05	-3.29E-06	
170	-0.000851	-5.02E-05	-0.003344
-0.000216	-0.000354	-4.62E-05	
171	-0.000852	-4.84E-05	-0.008852
-0.000354	-0.000372	-5.45E-05	
172	-0.000853	-4.66E-05	-0.013222
-0.000444	-0.000337	-5.17E-05	
173	-0.000853	-4.35E-05	-0.016170
-0.000494	-0.000293	-4.86E-05	
174	-0.000852	-3.96E-05	-0.017469
-0.000501	-0.000305	-4.94E-05	
175	-0.000850	-3.61E-05	-0.017018
-0.000466	-0.000443	-6.00E-05	
176	-0.000848	-3.21E-05	-0.014938
-0.000396	-0.000687	-8.13E-05	
177	-0.000845	-3.23E-05	-0.011556
-0.000304	-0.000888	-9.91E-05	
178	-0.000842	-4.41E-05	-0.007360
-0.000208	-0.000984	-0.000108	
179	-0.000840	-6.08E-05	-0.002919
-0.000103	-0.000949	-9.70E-05	
180	-0.000838	-8.26E-05	-8.59E-05
-7.20E-05	-0.000824	-8.02E-05	
181	-0.000837	-0.000102	-0.002322
-0.000130	-0.000710	-7.54E-05	
182	-0.000836	-0.000121	-0.005902
-0.000229	-0.000583	-6.79E-05	
183	-0.000830	-0.000130	-0.009296
-0.000316	-0.000437	-5.66E-05	
184	-0.000836	-0.000131	-0.011985
-0.000384	-0.000315	-4.71E-05	
185	-0.000836	-0.000124	-0.013490
-0.000417	-0.000278	-4.52E-05	
186	-0.000837	-0.000112	-0.013557
-0.000410	-0.000365	-5.32E-05	
187	-0.000838	-9.47E-05	-0.012170
-0.000366	-0.000533	-6.92E-05	
188	-0.000839	-7.29E-05	-0.009553
-0.000291	-0.000725	-8.55E-05	
189	-0.000840	-5.10E-05	-0.006155
-0.000203	-0.000825	-9.43E-05	
190	-0.000842	-3.96E-05	-0.002465
-0.000105	-0.000809	-8.64E-05	
191	-0.000842	-4.40E-05	-7.26E-05
-6.13E-05	-0.000704	-7.32E-05	
192	-0.000843	-5.57E-05	-0.002662
-0.000117	-0.000613	-7.13E-05	
193	-0.000844	-7.36E-05	-0.006624
-0.000216	-0.000517	-6.65E-05	
194	-0.000845	-8.72E-05	-0.010273
-0.000306	-0.000404	-5.57E-05	
195	-0.000846	-9.47E-05	-0.013099
-0.000377	-0.000304	-4.72E-05	
196	-0.000847	-9.67E-05	-0.014632
-0.000415	-0.000285	-4.61E-05	
197	-0.000847	-9.46E-05	-0.014631
-0.000414	-0.000386	-5.49E-05	
198	-0.000848	-9.10E-05	-0.013096
-0.000376	-0.000562	-6.82E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
229

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000849	-8.28E-05	-0.010269
-0.000305	-0.000767	-7.81E-05	
200	-0.000848	-6.97E-05	-0.006621
-0.000214	-0.000874	-8.17E-05	
201	-0.000851	-5.38E-05	-0.002660
-0.000115	-0.000863	-7.16E-05	
202	-0.000851	-4.41E-05	-7.32E-05
-6.13E-05	-0.000759	-5.65E-05	
203	-0.000852	-3.87E-05	-0.002464
-0.000103	-0.000669	-5.66E-05	
204	-0.000852	-4.43E-05	-0.006151
-0.000201	-0.000571	-5.68E-05	
205	-0.000853	-5.52E-05	-0.009548
-0.000289	-0.000461	-5.29E-05	
206	-0.000853	-6.79E-05	-0.012165
-0.000364	-0.000350	-5.08E-05	
207	-0.000853	-7.63E-05	-0.013554
-0.000409	-0.000307	-5.10E-05	
208	-0.000853	-7.94E-05	-0.013487
-0.000416	-0.000383	-5.61E-05	
209	-0.000852	-7.69E-05	-0.011982
-0.000383	-0.000537	-7.19E-05	
210	-0.000852	-7.17E-05	-0.009294
-0.000316	-0.000719	-8.79E-05	
211	-0.000850	-6.41E-05	-0.005901
-0.000229	-0.000805	-9.60E-05	
212	-0.000848	-5.77E-05	-0.002320
-0.000130	-0.000769	-8.70E-05	
213	-0.000846	-5.61E-05	-7.14E-05
-7.22E-05	-0.000650	-7.24E-05	
214	-0.000844	-6.00E-05	-0.002924
-0.000104	-0.000546	-6.88E-05	
215	-0.000841	-7.09E-05	-0.007364
-0.000208	-0.000434	-6.21E-05	
216	-0.000838	-8.36E-05	-0.011560
-0.000305	-0.000298	-5.11E-05	
217	-0.000835	-9.19E-05	-0.014942
-0.000397	-0.000177	-4.41E-05	
218	-0.000833	-9.62E-05	-0.017022
-0.000467	-0.000118	-4.08E-05	
219	-0.000832	-9.77E-05	-0.017471
-0.000502	-0.000269	-4.65E-05	
220	-0.000831	-9.71E-05	-0.016170
-0.000495	-0.000525	-6.54E-05	
221	-0.000832	-9.39E-05	-0.013219
-0.000446	-0.000816	-9.07E-05	
222	-0.000834	-8.82E-05	-0.008844
-0.000356	-0.001076	-0.000116	
223	-0.000836	-8.08E-05	-0.003331
-0.000216	-0.001230	-0.000113	
224	-0.000838	-7.63E-05	-0.000118
-0.000166	-0.001235	-0.000138	
225	-0.000788	-5.04E-05	-0.000162
-5.36E-05	-0.000316	-6.06E-05	
226	-0.000788	-4.29E-05	-0.002899
-0.000228	-0.000351	-5.08E-05	
227	-0.000786	-3.32E-05	-0.007569
-0.000459	-0.000383	-6.01E-05	
228	-0.000785	-2.81E-05	-0.011311
-0.000571	-0.000351	-5.72E-05	
229	-0.000782	-3.77E-05	-0.013867
-0.000619	-0.000307	-5.37E-05	
230	-0.000780	-5.16E-05	-0.015011
-0.000618	-0.000312	-5.28E-05	
231	-0.000778	-6.01E-05	-0.014664
-0.000574	-0.000448	-6.15E-05	
232	-0.000777	-6.38E-05	-0.012911
-0.000489	-0.000662	-7.74E-05	
233	-0.000775	-6.42E-05	-0.010028
-0.000367	-0.000831	-9.28E-05	
234	-0.000774	-6.72E-05	-0.006437
-0.000218	-0.000906	-0.000101	
235	-0.000773	-7.20E-05	-0.002606
-5.86E-05	-0.000866	-9.02E-05	
236	-0.000773	-7.62E-05	-0.000135
-1.66E-05	-0.000749	-7.39E-05	
237	-0.000772	-7.98E-05	-0.002037
-0.000114	-0.000665	-7.05E-05	
238	-0.000772	-8.48E-05	-0.005089
-0.000273	-0.000582	-6.44E-05	
239	-0.000771	-9.10E-05	-0.007969
-0.000401	-0.000453	-5.21E-05	
240	-0.000771	-0.000100	-0.010252
-0.000488	-0.000340	-4.27E-05	
241	-0.000771	-0.000104	-0.011531
-0.000424	-0.000291	-4.91E-05	
242	-0.000772	-0.000100	-0.011596
-0.000514	-0.000364	-5.16E-05	
243	-0.000772	-8.88E-05	-0.010430
-0.000461	-0.000515	-7.01E-05	
244	-0.000772	-7.07E-05	-0.008214
-0.000363	-0.000677	-8.59E-05	
245	-0.000772	-4.91E-05	-0.005329
-0.000226	-0.000758	-9.50E-05	
246	-0.000773	-3.41E-05	-0.002175
-6.90E-05	-0.000739	-8.83E-05	
247	-0.000773	-3.55E-05	-0.000116
-9.37E-06	-0.000641	-7.56E-05	
248	-0.000773	-4.08E-05	-0.002363
-8.98E-05	-0.000576	-7.57E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
230

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000772	-5.10E-05	-0.005781
-0.000252	-0.000520	-7.53E-05	
250	-0.000772	-6.69E-05	-0.008908
-0.000387	-0.000422	-6.71E-05	
251	-0.000772	-7.95E-05	-0.011327
-0.000480	-0.000330	-5.86E-05	
252	-0.000771	-8.59E-05	-0.012636
-0.000524	-0.000298	-5.46E-05	
253	-0.000771	-8.55E-05	-0.012636
-0.000524	-0.000372	-5.66E-05	
254	-0.000770	-7.95E-05	-0.011329
-0.000479	-0.000530	-6.01E-05	
255	-0.000770	-6.71E-05	-0.008911
-0.000386	-0.000707	-6.39E-05	
256	-0.000769	-5.04E-05	-0.005784
-0.000250	-0.000801	-6.41E-05	
257	-0.000769	-3.78E-05	-0.002365
-8.86E-05	-0.000791	-5.37E-05	
258	-0.000769	-3.33E-05	-0.000117
-9.28E-06	-0.000698	-4.18E-05	
259	-0.000769	-3.21E-05	-0.002175
-6.76E-05	-0.000634	-3.92E-05	
260	-0.000770	-4.51E-05	-0.005331
-0.000224	-0.000575	-3.90E-05	
261	-0.000770	-6.12E-05	-0.008216
-0.000361	-0.000477	-5.01E-05	
262	-0.000770	-7.58E-05	-0.010432
-0.000460	-0.000374	-4.15E-05	
263	-0.000771	-8.35E-05	-0.011598
-0.000513	-0.000320	-5.01E-05	
264	-0.000771	-8.36E-05	-0.011532
-0.000523	-0.000357	-6.07E-05	
265	-0.000771	-7.65E-05	-0.010253
-0.000487	-0.000493	-7.65E-05	
266	-0.000770	-6.53E-05	-0.007970
-0.000401	-0.000651	-9.15E-05	
267	-0.000770	-5.23E-05	-0.005090
-0.000273	-0.000727	-9.87E-05	
268	-0.000769	-4.08E-05	-0.002038
-0.000114	-0.000700	-8.88E-05	
269	-0.000769	-4.37E-05	-0.000120
-1.52E-05	-0.000595	-7.40E-05	
270	-0.000768	-4.39E-05	-0.002603
-5.72E-05	-0.000519	-7.18E-05	
271	-0.000768	-5.48E-05	-0.006435
-0.000217	-0.000447	-6.63E-05	
272	-0.000767	-6.82E-05	-0.010028
-0.000367	-0.000328	-5.51E-05	
273	-0.000766	-7.68E-05	-0.012910
-0.000490	-0.000220	-4.59E-05	
274	-0.000765	-7.92E-05	-0.014664
-0.000574	-0.000154	-3.91E-05	
275	-0.000764	-7.54E-05	-0.015012
-0.000618	-0.000256	-4.15E-05	
276	-0.000762	-6.66E-05	-0.013868
-0.000619	-0.000471	-5.92E-05	
277	-0.000761	-6.51E-05	-0.011314
-0.000570	-0.000723	-8.13E-05	
278	-0.000759	-6.79E-05	-0.007575
-0.000458	-0.000942	-0.000102	
279	-0.000758	-7.30E-05	-0.002909
-0.000228	-0.001073	-9.66E-05	
280	-0.000757	-7.79E-05	-0.000161
-5.68E-05	-0.001079	-0.000117	
281	-0.002054	-1.42E-05	.000000
-0.000157	-0.000333	-4.92E-06	
282	-0.001014	-3.18E-05	.000000
-3.63E-05	-0.000803	-9.07E-06	
283	-0.001723	.000000	.000000
-2.95E-05	-0.000679	-8.24E-06	
284	.000000	.000000	.000000
-5.26E-06	-0.000736	-8.26E-06	
285	-0.001714	-8.92E-05	.000000
-2.20E-21	-0.000627	-7.36E-06	
286	-0.000607	-1.21E-05	.000000
-0.000129	-0.001234	-1.09E-05	
287	-0.001919	-5.26E-05	.000000
-0.000138	-0.000311	-4.85E-06	
288	-0.000938	-2.84E-05	.000000
-6.22E-05	-0.000748	-4.41E-06	
289	-0.001617	.000000	.000000
-2.88E-05	-0.000631	-4.15E-06	
290	.000000	.000000	.000000
-2.44E-06	-0.000686	-4.07E-06	
291	-0.001602	-8.33E-05	.000000
-6.04E-06	-0.000582	-3.47E-06	
292	-0.000961	-4.36E-05	.000000
-3.47E-21	-0.001142	-6.18E-06	
293	-0.001601	-1.26E-05	.000000
-0.000195	-0.000281	-1.20E-05	
294	-0.000794	-0.000131	.000000
-0.000146	-0.000637	-5.30E-06	
295	-0.001427	-5.98E-05	.000000
-0.000164	-0.000515	-5.15E-06	
296	-5.52E-07	-0.000130	.000000
-6.83E-05	-0.000596	-5.71E-06	
297	-0.001313	-0.000475	.000000
-8.74E-05	-0.000501	-4.69E-06	
298	-0.000446	-0.000207	.000000
-2.39E-05	-0.000408	-3.98E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
231

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000809	0.000144	5.20E-08
7.30E-05	0.001203	8.70E-06	
2	0.000809	0.000147	0.000980
0.000114	0.001177	7.99E-06	
3	0.000809	0.000164	0.002677
0.000221	0.001018	5.54E-06	
4	0.000809	0.000179	0.004190
0.000317	0.000763	4.26E-06	
5	0.000809	0.000185	0.005436
0.000382	0.000467	3.21E-06	
6	0.000809	0.000180	0.006321
0.000419	0.000183	2.79E-06	
7	0.000809	0.000164	0.006744
0.000425	1.60E-05	3.32E-06	
8	0.000809	0.000138	0.006603
0.000399	9.34E-05	4.64E-06	
9	0.000809	0.000104	0.005806
0.000338	0.000230	6.08E-06	
10	0.000809	6.90E-05	0.004298
0.000247	0.000378	7.60E-06	
11	0.000808	4.84E-05	0.002026
0.000141	0.000530	8.23E-06	
12	0.000808	5.19E-05	8.79E-08
9.27E-05	0.000628	7.76E-06	
13	0.000808	6.16E-05	0.002674
0.000116	0.000700	8.94E-06	
14	0.000807	8.84E-05	0.005834
0.000212	0.000719	8.26E-06	
15	0.000807	0.000115	0.008147
0.000301	0.000632	6.35E-06	
16	0.000807	0.000134	0.009614
0.000363	0.000449	4.87E-06	
17	0.000807	0.000142	0.010206
0.000395	0.000280	4.28E-06	
18	0.000807	0.000139	0.009963
0.000399	0.000212	4.74E-06	
19	0.000808	0.000124	0.009190
0.000371	0.000278	6.23E-06	
20	0.000808	9.76E-05	0.007683
0.000308	0.000405	7.81E-06	
21	0.000809	6.27E-05	0.005430
0.000216	0.000526	9.40E-06	
22	0.000810	3.21E-05	0.002459
0.000108	0.000663	1.02E-05	
23	0.000810	3.32E-05	1.38E-07
6.54E-05	0.000744	1.00E-05	
24	0.000811	5.14E-05	0.002246
0.000103	0.000797	1.05E-05	
25	0.000812	8.94E-05	0.004925
0.000207	0.000788	9.33E-06	
26	0.000812	0.000125	0.006916
0.000298	0.000673	7.11E-06	
27	0.000813	0.000150	0.008206
0.000361	0.000464	5.00E-06	
28	0.000814	0.000163	0.008762
0.000391	0.000274	4.25E-06	
29	0.000814	0.000162	0.008762
0.000390	0.000187	4.02E-06	
30	0.000815	0.000148	0.008205
0.000360	0.000172	4.50E-06	
31	0.000816	0.000122	0.006914
0.000297	0.000345	5.97E-06	
32	0.000816	8.63E-05	0.004924
0.000206	0.000469	7.49E-06	
33	0.000817	5.01E-05	0.002245
0.000104	0.000602	8.32E-06	
34	0.000817	3.40E-05	1.38E-07
6.57E-05	0.000681	8.34E-06	
35	0.000818	3.20E-05	0.002459
0.000107	0.000734	9.27E-06	
36	0.000818	5.70E-05	0.005429
0.000214	0.000727	8.37E-06	
37	0.000819	8.74E-05	0.007682
0.000306	0.000618	6.37E-06	
38	0.000819	0.000109	0.009190
0.000369	0.000419	4.50E-06	
39	0.000818	0.000120	0.009965
0.000397	0.000240	3.96E-06	
40	0.000818	0.000119	0.010209
0.000394	0.000180	3.92E-06	
41	0.000817	0.000107	0.009617
0.000362	0.000247	4.58E-06	
42	0.000816	8.34E-05	0.008151
0.000299	0.000385	6.37E-06	
43	0.000815	6.14E-05	0.005836
0.000210	0.000547	8.39E-06	
44	0.000814	4.43E-05	0.002675
0.000114	0.000711	9.79E-06	
45	0.000813	4.72E-05	8.55E-08
9.27E-05	0.000812	1.04E-05	
46	0.000812	6.56E-05	0.002027
0.000140	0.000882	1.16E-05	
47	0.000811	0.000107	0.004299
0.000245	0.000870	1.11E-05	
48	0.000811	0.000151	0.005809
0.000338	0.000780	9.42E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
232

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000810	0.000189	0.006608
0.000400	0.000564	7.76E-06	
50	0.000810	0.000217	0.006750
0.000427	0.000303	6.05E-06	
51	0.000809	0.000233	0.006328
0.000423	0.000193	4.79E-06	
52	0.000810	0.000234	0.005444
0.000386	0.000216	4.39E-06	
53	0.000810	0.000222	0.004198
0.000322	0.000275	5.02E-06	
54	0.000811	0.000199	0.002684
0.000228	0.000321	6.36E-06	
55	0.000812	0.000170	0.000983
0.000123	0.000348	7.77E-06	
56	0.000812	0.000158	5.36E-08
8.34E-05	0.000353	8.11E-06	
57	0.000822	0.000128	3.53E-08
6.26E-05	0.001214	5.47E-06	
58	0.000823	0.000124	0.000959
8.96E-05	0.001194	4.68E-06	
59	0.000823	0.000119	0.002620
0.000206	0.001017	2.63E-06	
60	0.000823	0.000112	0.004099
0.000308	0.000754	1.86E-06	
61	0.000824	0.000101	0.005317
0.000377	0.000454	1.63E-06	
62	0.000823	8.60E-05	0.006182
0.000412	0.000182	1.72E-06	
63	0.000822	6.93E-05	0.006596
0.000412	2.69E-05	1.86E-06	
64	0.000822	5.11E-05	0.006460
0.000381	9.13E-05	1.97E-06	
65	0.000821	3.68E-05	0.005688
0.000320	0.000224	2.15E-06	
66	0.000820	3.87E-05	0.004226
0.000232	0.000370	2.92E-06	
67	0.000820	5.12E-05	0.002009
0.000120	0.000524	3.53E-06	
68	0.000819	6.05E-05	5.21E-08
7.92E-05	0.000631	2.52E-06	
69	0.000819	6.53E-05	0.002644
0.000118	0.000712	3.18E-06	
70	0.000818	7.13E-05	0.005732
0.000219	0.000731	2.66E-06	
71	0.000818	7.72E-05	0.007983
0.000303	0.000638	1.79E-06	
72	0.000818	7.92E-05	0.009412
0.000363	0.000451	1.98E-06	
73	0.000818	7.58E-05	0.009989
0.000392	0.000283	2.59E-06	
74	0.000818	6.70E-05	0.009752
0.000391	0.000214	3.28E-06	
75	0.000818	5.38E-05	0.008997
0.000358	0.000273	4.01E-06	
76	0.000819	3.82E-05	0.007528
0.000292	0.000397	4.69E-06	
77	0.000820	2.39E-05	0.005336
0.000202	0.000515	5.48E-06	
78	0.000820	2.07E-05	0.002433
9.28E-05	0.000655	5.99E-06	
79	0.000820	3.10E-05	1.14E-07
3.39E-05	0.000747	4.99E-06	
80	0.000821	4.29E-05	0.002226
9.46E-05	0.000810	5.05E-06	
81	0.000821	5.82E-05	0.004843
0.000202	0.000802	4.51E-06	
82	0.000821	7.49E-05	0.006778
0.000291	0.000684	3.46E-06	
83	0.000821	8.65E-05	0.008035
0.000354	0.000471	2.50E-06	
84	0.000822	9.23E-05	0.008578
0.000385	0.000283	2.01E-06	
85	0.000822	9.10E-05	0.008578
0.000384	0.000188	1.82E-06	
86	0.000822	8.32E-05	0.008034
0.000352	0.000227	1.89E-06	
87	0.000822	6.98E-05	0.006777
0.000289	0.000338	2.39E-06	
88	0.000822	5.42E-05	0.004842
0.000200	0.000459	3.45E-06	
89	0.000823	4.07E-05	0.002225
9.30E-05	0.000595	4.26E-06	
90	0.000823	3.11E-05	1.14E-07
3.40E-05	0.000686	3.36E-06	
91	0.000823	2.03E-05	0.002433
9.29E-05	0.000750	3.77E-06	
92	0.000823	2.01E-05	0.005336
0.000201	0.000745	4.16E-06	
93	0.000824	2.62E-05	0.007528
0.000291	0.000634	2.88E-06	
94	0.000824	3.44E-05	0.008997
0.000356	0.000433	2.21E-06	
95	0.000824	3.92E-05	0.009753
0.000389	0.000257	1.77E-06	
96	0.000824	3.92E-05	0.009991
0.000391	0.000180	1.60E-06	
97	0.000823	3.51E-05	0.009413
0.000362	0.000243	1.85E-06	
98	0.000822	3.12E-05	0.007984
0.000303	0.000377	2.66E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
233

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000821	3.01E-05	0.005732
0.000218	0.000536	4.09E-06	
100	0.000820	3.82E-05	0.002644
0.000117	0.000703	5.39E-06	
101	0.000819	4.55E-05	5.79E-08
7.41E-05	0.000814	5.09E-06	
102	0.000818	5.12E-05	0.002009
0.000119	0.000896	5.72E-06	
103	0.000817	6.59E-05	0.004226
0.000231	0.000909	5.93E-06	
104	0.000816	8.69E-05	0.005688
0.000319	0.000798	5.56E-06	
105	0.000815	0.000110	0.006460
0.000380	0.000583	4.87E-06	
106	0.000815	0.000130	0.006595
0.000411	0.000329	3.88E-06	
107	0.000814	0.000145	0.006181
0.000412	0.000198	2.84E-06	
108	0.000814	0.000153	0.005315
0.000376	0.000211	2.13E-06	
109	0.000814	0.000155	0.004096
0.000306	0.000271	1.71E-06	
110	0.000815	0.000152	0.002617
0.000202	0.000316	1.85E-06	
111	0.000815	0.000145	0.000957
8.24E-05	0.000343	3.40E-06	
112	0.000815	0.000142	3.05E-08
5.25E-05	0.000834	3.99E-06	
113	0.000800	0.000117	5.20E-08
4.64E-05	0.001150	8.83E-06	
114	0.000800	0.000108	0.000935
6.70E-05	0.001122	8.70E-06	
115	0.000800	9.77E-05	0.002558
0.000140	0.000961	7.86E-06	
116	0.000801	0.000114	0.004005
0.000208	0.000711	6.23E-06	
117	0.000800	0.000128	0.005200
0.000255	0.000420	4.36E-06	
118	0.000799	0.000136	0.006050
0.000282	0.000155	3.01E-06	
119	0.000798	0.000135	0.006458
0.000288	3.12E-05	2.65E-06	
120	0.000798	0.000124	0.006325
0.000269	9.02E-05	3.67E-06	
121	0.000797	0.000104	0.005564
0.000224	0.000223	5.10E-06	
122	0.000796	7.94E-05	0.004120
0.000161	0.000365	6.29E-06	
123	0.000795	5.66E-05	0.001944
8.79E-05	0.000513	6.81E-06	
124	0.000795	5.52E-05	8.63E-08
5.63E-05	0.000606	6.65E-06	
125	0.000795	5.69E-05	0.002563
7.34E-05	0.000674	6.42E-06	
126	0.000795	6.94E-05	0.005594
0.000141	0.000689	5.85E-06	
127	0.000795	8.94E-05	0.007813
0.000202	0.000601	5.01E-06	
128

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000796	7.81E-05	0.007372
0.000200	0.000608	5.01E-06	
150	0.000797	9.53E-05	0.008817
0.000244	0.000417	4.21E-06	
151	0.000797	0.000103	0.009557
0.000263	0.000247	3.77E-06	
152	0.000798	0.000100	0.009789
0.000262	0.000172	4.18E-06	
153	0.000798	8.86E-05	0.009221
0.000244	0.000340	5.35E-06	
154	0.000799	7.16E-05	0.007813
0.000202	0.000374	6.62E-06	
155	0.000799	5.38E-05	0.005594
0.000141	0.000531	7.90E-06	
156	0.000799	3.72E-05	0.002563
7.37E-05	0.000692	8.60E-06	
157	0.000798	3.85E-05	8.30E-08
5.47E-05	0.000790	8.64E-06	
158	0.000798	5.70E-05	0.001943
8.47E-05	0.000861	8.43E-06	
159	0.000797	9.14E-05	0.004119
0.000159	0.000874	7.68E-06	
160	0.000796	0.000123	0.005562
0.000224	0.000873	6.56E-06	
161	0.000795	0.000147	0.006323
0.000269	0.000569	5.46E-06	
162	0.000795	0.000161	0.006454
0.000289	0.000329	4.57E-06	
163	0.000794	0.000164	0.006047
0.000283	0.000177	4.37E-06	
164	0.000793	0.000157	0.005197
0.000256	0.000207	5.48E-06	
165	0.000793	0.000140	0.004004
0.000210	0.000267	7.16E-06	
166	0.000793	0.000121	0.002557
0.000143	0.000311	8.47E-06	
167	0.000793	0.000123	0.000935
7.20E-05	0.000336	9.16E-06	
168	0.000793	0.000129	5.50E-08
5.22E-05	0.000340	9.22E-06	
169	0.000817	0.000125	5.93E-05
4.94E-05	0.001242	0.000162	
170	0.000817	0.000133	0.000978
7.40E-05	0.001143	0.000131	
171	0.000816	0.000147	0.002654
0.000259	0.001099	0.000138	
172	0.000816	0.000155	0.004148
0.000372	0.000845	0.000111	
173	0.000816	0.000154	0.005378
0.000448	0.000550	8.22E-05	
174	0.000815	0.000144	0.006253
0.000490	0.000273	5.85E-05	
175	0.000815	0.000125	0.006671
0.000497	0.000103	4.73E-05	
176	0.000815	9.82E-05	0.006533
0.000467	0.000168	5.04E-05	
177	0.000814	6.97E-05	0.005749
0.000395	0.000218	5.80E-05	
178	0.000814	4.98E-05	0.004263
0.000286	0.000441	7.01E-05	
179	0.000813	4.12E-05	0.002013
0.000132	0.000561	7.56E-05	
180	0.000813	4.95E-05	5.07E-05
5.58E-05	0.000664	7.82E-05	
181	0.000812	6.06E-05	0.002661
0.000117	0.000774	9.27E-05	
182	0.000812	8.22E-05	0.005787
0.000252	0.000808	0.000102	
183	0.000811	0.000102	0.008068
0.000360	0.000723	9.34E-05	
184	0.000811	0.000115	0.009514
0.000433	0.000538	7.72E-05	
185	0.000811	0.000119	0.010098
0.000468	0.000372	6.49E-05	
186	0.000812	0.000112	0.009857
0.000471	0.000297	6.12E-05	
187	0.000812	9.49E-05	0.009094
0.000440	0.000352	6.47E-05	
188	0.000813	7.01E-05	0.007607
0.000367	0.000474	7.14E-05	
189	0.000814	4.04E-05	0.005385
0.000256	0.000590	7.88E-05	
190	0.000814	1.97E-05	0.002444
0.000107	0.000695	8.09E-05	
191	0.000813	2.50E-05	3.19E-05
2.82E-05	0.000782	8.08E-05	
192	0.000815	4.38E-05	0.002233
0.000103	0.000874	9.29E-05	
193	0.000816	7.66E-05	0.004886
0.000246	0.000879	9.85E-05	
194	0.000817	0.000107	0.006849
0.000357	0.000766	8.76E-05	
195	0.000817	0.000128	0.008121
0.000431	0.000555	7.16E-05	
196	0.000817	0.000139	0.008670
0.000464	0.000368	5.99E-05	
197	0.000817	0.000138	0.008670
0.000463	0.000273	5.78E-05	
198	0.000818	0.000125	0.008120
0.000429	0.000307	6.02E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
235

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000818	0.000102	0.006847
0.000355	0.000416	6.46E-05	
200	0.000818	7.24E-05	0.004885
0.000243	0.000534	7.05E-05	
201	0.000819	4.16E-05	0.002232
0.000101	0.000636	7.09E-05	
202	0.000819	2.51E-05	3.26E-05
2.82E-05	0.000722	7.17E-05	
203	0.000820	1.96E-05	0.002443
0.000105	0.000613	8.53E-05	
204	0.000821	3.66E-05	0.005384
0.000253	0.000820	9.56E-05	
205	0.000821	5.83E-05	0.007607
0.000365	0.000713	9.02E-05	
206	0.000821	7.73E-05	0.009094
0.000438	0.000513	7.79E-05	
207	0.000821	8.73E-05	0.009858
0.000470	0.000296	6.29E-05	
208	0.000821	8.74E-05	0.010099
0.000467	0.000266	5.03E-05	
209	0.000820	7.77E-05	0.009515
0.000432	0.000323	4.91E-05	
210	0.000819	6.24E-05	0.008068
0.000359	0.000455	5.92E-05	
211	0.000818	4.89E-05	0.005786
0.000252	0.000611	7.33E-05	
212	0.000817	3.81E-05	0.002657
0.000118	0.000744	8.20E-05	
213	0.000816	3.99E-05	3.26E-05
5.54E-05	0.000851	8.55E-05	
214	0.000815	5.47E-05	0.002015
0.000132	0.000933	9.03E-05	
215	0.000814	8.74E-05	0.004264
0.000286	0.000981	0.000115	
216	0.000813	0.000124	0.005750
0.000395	0.000873	0.000108	
217	0.000813	0.000159	0.006534
0.000467	0.000658	9.16E-05	
218	0.000812	0.000186	0.006671
0.000498	0.000402	7.17E-05	
219	0.000812	0.000202	0.006253
0.000491	0.000285	5.95E-05	
220	0.000812	0.000206	0.005376
0.000450	0.000295	5.77E-05	
221	0.000812	0.000198	0.004143
0.000374	0.000345	6.00E-05	
222	0.000813	0.000180	0.002644
0.000260	0.000384	6.25E-05	
223	0.000814	0.000156	0.000962
7.37E-05	0.000375	5.33E-05	
224	0.000814	0.000142	5.89E-05
4.69E-05	0.000355	6.49E-05	
225	0.000810	0.000122	6.62E-05
7.37E-05	0.001232	0.000159	
226	0.000810	0.000116	0.000942
7.42E-05	0.001222	0.000129	
227	0.000811	0.000108	0.002585
0.000216	0.001068	0.000136	
228	0.000811	0.000101	0.004050
0.000321	0.000810	0.000105	
229	0.000811	0.000103	0.005256
0.000391	0.000521	8.10E-05	
230	0.000811	0.000104	0.006114
0.000424	0.000257	5.75E-05	
231	0.000810	9.61E-05	0.006525
0.000424	0.000115	4.64E-05	
232	0.000810	8.13E-05	0.006390
0.000391	0.000168	4.78E-05	
233	0.000809	6.47E-05	0.005623
0.000328	0.000296	5.53E-05	
234	0.000808	5.21E-05	0.004167
0.000244	0.000437	6.60E-05	
235	0.000807	5.21E-05	0.001962
0.000142	0.000558	7.13E-05	
236	0.000807	5.68E-05	4.86E-05
9.41E-05	0.000657	7.33E-05	
237	0.000806	6.09E-05	0.002584
0.000151	0.000762	8.76E-05	
238	0.000806	6.63E-05	0.005652
0.000244	0.000792	9.65E-05	
239	0.000806	7.56E-05	0.007891
0.000316	0.000706	8.77E-05	
240	0.000806	8.74E-05	0.009311
0.000370	0.000522	7.17E-05	
241	0.000806	9.28E-05	0.009884
0.000398	0.000358	5.92E-05	
242	0.000807	9.93E-05	0.009650
0.000397	0.000296	4.85E-05	
243	0.000807	7.87E-05	0.008902
0.000368	0.000349	6.53E-05	
244	0.000808	6.05E-05	0.007445
0.000309	0.000468	7.40E-05	
245	0.000808	3.87E-05	0.005266
0.000228	0.000583	8.30E-05	
246	0.000809	2.23E-05	0.002380
0.000125	0.000688	8.53E-05	
247	0.000809	2.64E-05	3.80E-05
6.73E-05	0.000772	8.46E-05	
248	0.000809	3.82E-05	0.002175
0.000126	0.000860	9.70E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
236

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000809	5.94E-05	0.004779
0.000226	0.000865	0.000103	
250	0.000809	8.19E-05	0.006704
0.000304	0.000754	9.27E-05	
251	0.000809	9.91E-05	0.007952
0.000360	0.000546	7.59E-05	
252	0.000809	0.000109	0.008491
0.000388	0.000363	6.47E-05	
253	0.000809	0.000108	0.008491
0.000387	0.000270	5.87E-05	
254	0.000809	9.93E-05	0.007952
0.000358	0.000303	5.45E-05	
255	0.000809	8.21E-05	0.006704
0.000301	0.000411	5.43E-05	
256	0.000809	5.94E-05	0.004778
0.000224	0.000527	5.83E-05	
257	0.000809	3.77E-05	0.002175
0.000125	0.000628	6.10E-05	
258	0.000809	2.62E-05	3.83E-05
6.72E-05	0.000711	6.35E-05	
259	0.000809	1.90E-05	0.002381
0.000123	0.000801	7.69E-05	
260	0.000810	3.24E-05	0.005267
0.000225	0.000810	8.74E-05	
261	0.000810	4.80E-05	0.007446
0.000307	0.000708	8.39E-05	
262	0.000811	6.17E-05	0.008903
0.000366	0.000512	7.50E-05	
263	0.000811	6.83E-05	0.009651
0.000396	0.000341	6.52E-05	
264	0.000811	6.68E-05	0.009885
0.000397	0.000260	5.77E-05	
265	0.000811	5.77E-05	0.009312
0.000370	0.000318	5.80E-05	
266	0.000811	4.57E-05	0.007893
0.000316	0.000449	6.82E-05	
267	0.000810	3.52E-05	0.005655
0.000244	0.000601	8.03E-05	
268	0.000809	3.38E-05	0.002588
0.000151	0.000732	8.71E-05	
269	0.000809	4.08E-05	3.90E-05
9.40E-05	0.000835	9.03E-05	
270	0.000808	4.86E-05	0.001961
0.000141	0.000944	0.000107	
271	0.000806	6.97E-05	0.004166
0.000244	0.000971	0.000119	
272	0.000806	9.51E-05	0.005622
0.000328	0.000870	0.000111	
273	0.000805	0.000118	0.006389
0.000391	0.000662	9.36E-05	
274	0.000804	0.000134	0.006523
0.000424	0.000419	7.24E-05	
275	0.000804	0.000142	0.006113
0.000425	0.000275	5.73E-05	
276	0.000804	0.000141	0.005256
0.000391	0.000285	5.47E-05	
277	0.000804	0.000138	0.004052
0.000320	0.000338	5.63E-05	
278	0.000804	0.000136	0.002591
0.000215	0.000377	5.87E-05	
279	0.000804	0.000135	0.000954
7.48E-05	0.000367	5.01E-05	
280	0.000804	0.000137	6.80E-05
7.67E-05	0.000347	6.07E-05	
281	0.001103	2.72E-05	.000000
8.94E-05	0.001203	8.70E-06	.000000
282	0.001167	3.66E-05	.000000
9.30E-05	0.000629	7.76E-06	.000000
283	0.001499	.000000	.000000
6.53E-05	0.000744	1.00E-05	.000000
284	.000000	.000000	.000000
4.44E-05	0.000683	8.34E-06	.000000
285	0.001539	8.01E-05	.000000
2.70E-05	0.000816	1.04E-05	.000000
286	0.001086	2.70E-05	.000000
7.68E-05	0.000355	8.11E-06	.000000
287	0.001110	0.000107	.000000
0.000112	0.001226	5.47E-06	.000000
288	0.001188	2.65E-05	.000000
7.73E-05	0.000630	2.52E-06	.000000
289	0.001511	.000000	.000000
3.39E-05	0.001087	4.99E-06	.000000
290	.000000	.000000	.000000
8.47E-06	0.000686	3.36E-06	.000000
291	0.001549	8.06E-05	.000000
1.04E-05	0.000816	5.09E-06	.000000
292	0.001399	0.000109	.000000
1.92E-05	0.000350	3.99E-06	.000000
293	0.001086	1.98E-05	.000000
0.000152	0.001149	8.83E-06	.000000
294	0.001139	2.03E-21	.000000
8.33E-05	0.000603	6.65E-06	.000000
295	0.001456	1.04E-05	.000000
0.000138	0.000706	8.75E-06	.000000
296	3.43E-05	4.36E-05	.000000
1.28E-05	0.000663	7.59E-06	.000000
297	0.001432	0.000396	.000000
5.16E-22	0.000771	8.64E-06	
298	0.001285	0.000290	.000000
2.54E-05	0.000345	9.22E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
237

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G2-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000893	-8.37E-05	-2.46E-07
-0.000142	-0.000353	-7.46E-06	
2	-0.000892	-8.39E-05	-0.003319
-0.000166	-0.000349	-7.11E-06	
3	-0.000892	-9.60E-05	-0.008860
-0.000223	-0.000322	-5.86E-06	
4	-0.000892	-0.000114	-0.013294
-0.000275	-0.000276	-5.31E-06	
5	-0.000892	-0.000128	-0.016296
-0.000304	-0.000217	-5.31E-06	
6	-0.000892	-0.000134	-0.017631
-0.000306	-0.000193	-5.88E-06	
7	-0.000891	-0.000132	-0.017204
-0.000288	-0.000303	-7.06E-06	
8	-0.000890	-0.000125	-0.015128
-0.000253	-0.000564	-8.54E-06	
9	-0.000889	-0.000114	-0.011718
-0.000199	-0.000779	-1.02E-05	
10	-0.000887	-0.000105	-0.007480
-0.000134	-0.000890	-1.19E-05	
11	-0.000886	-0.000109	-0.002983
-6.38E-05	-0.000882	-1.56E-05	
12	-0.000885	-0.000118	-5.66E-07
-4.05E-05	-0.000811	-9.76E-06	
13	-0.000884	-0.000124	-0.002329
-7.36E-05	-0.000711	-9.11E-06	
14	-0.000884	-0.000144	-0.005906
-0.000150	-0.000547	-7.70E-06	
15	-0.000883	-0.000169	-0.009295
-0.000216	-0.000385	-5.84E-06	
16	-0.000883	-0.000185	-0.011980
-0.000258	-0.000247	-4.43E-06	
17	-0.000883	-0.000189	-0.013483
-0.000274	-0.000180	-4.04E-06	
18	-0.000883	-0.000181	-0.013558
-0.000267	0.000239	-4.41E-06	
19	-0.000884	-0.000161	-0.012185
-0.000244	-0.000419	-5.65E-06	
20	-0.000885	-0.000130	-0.009578
-0.000198	-0.000618	-7.40E-06	
21	-0.000885	-0.000100	-0.006182
-0.000134	-0.000727	-9.33E-06	
22	-0.000886	-7.82E-05	-0.002487
-5.69E-05	-0.000734	-1.02E-05	
23	-0.000886	-7.84E-05	-5.41E-07
-2.77E-05	-0.000682	-9.03E-06	
24	-0.000887	-8.45E-05	-0.002702
-6.35E-05	-0.000602	-8.61E-06	
25	-0.000887	-0.000101	-0.006697
-0.000142	-0.000469	-7.54E-06	
26	-0.000888	-0.000133	-0.010367
-0.000207	-0.000345	-5.87E-06	
27	-0.000888	-0.000153	-0.013205
-0.000252	-0.000231	-4.35E-06	
28	-0.000889	-0.000163	-0.014740
-0.000271	-0.000187	-4.00E-06	
29	-0.000890	-0.000161	-0.014739
-0.000271	-0.000274	-4.38E-06	
30	-0.000890	-0.000151	-0.013204
-0.000251	-0.000464	-5.19E-06	
31	-0.000891	-0.000131	-0.010366
-0.000207	-0.000673	-7.01E-06	
32	-0.000891	-0.000105	-0.006696
-0.000142	-0.000788	-9.26E-06	
33	-0.000892	-8.39E-05	-0.002701
-6.41E-05	-0.000797	-1.01E-05	
34	-0.000892	-7.88E-05	-5.41E-07
-2.84E-05	-0.000744	-9.19E-06	
35	-0.000892	-7.82E-05	-0.002486
-5.54E-05	-0.000663	-9.08E-06	
36	-0.000893	-9.38E-05	-0.006180
-0.000131	-0.000526	-8.13E-06	
37	-0.000894	-0.000119	-0.009576
-0.000196	-0.000405	-6.50E-06	
38	-0.000894	-0.000141	-0.012184
-0.000242	-0.000278	-4.80E-06	
39	-0.000894	-0.000155	-0.013556
-0.000265	-0.000212	-4.18E-06	
40	-0.000894	-0.000157	-0.013482
-0.000272	-0.000280	-4.27E-06	
41	-0.000893	-0.000147	-0.011980
-0.000256	-0.000449	-4.83E-06	
42	-0.000892	-0.000131	-0.009295
-0.000213	-0.000632	-6.60E-06	
43	-0.000891	-0.000105	-0.005906
-0.000148	-0.000719	-8.54E-06	
44	-0.000890	-9.21E-05	-0.002329
-7.07E-05	-0.000700	-9.41E-06	
45	-0.000889	-9.38E-05	-5.63E-07
-3.94E-05	-0.000827	-8.49E-06	
46	-0.000887	-9.91E-05	-0.002985
-5.96E-05	-0.000530	-8.20E-06	
47	-0.000885	-0.000116	-0.007482
-0.000131	-0.000379	-7.26E-06	
48	-0.000884	-0.000143	-0.011722
-0.000198	-0.000231	-5.83E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
238

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000882	-0.000165	-0.015133
-0.000253	-9.39E-05	-4.40E-06	
50	-0.000881	-0.000179	-0.017210
-0.000290	-1.55E-05	-3.02E-06	
51	-0.000880	-0.000183	-0.017638
-0.000309	-0.000183	-2.60E-06	
52	-0.000880	-0.000177	-0.016304
-0.000307	-0.000467	-3.31E-06	
53	-0.000881	-0.000161	-0.013301
-0.000280	-0.000762	-4.82E-06	
54	-0.000882	-0.000135	-0.008866
-0.000229	-0.001018	-6.59E-06	
55	-0.000883	-0.000101	-0.003321
-0.000174	-0.001177	-8.85E-06	
56	-0.000884	-0.000103	-2.48E-07
-0.000150	-0.001203	-9.50E-06	
57	-0.000900	-6.16E-05	-4.05E-07
-0.000171	-0.000346	-4.89E-06	
58	-0.000901	-5.42E-05	-0.003372
-0.000201	-0.000342	-4.22E-06	
59	-0.000901	-4.40E-05	-0.008965
-0.000311	-0.000316	-2.47E-06	
60	-0.000901	-3.73E-05	-0.013410
-0.000395	-0.000271	-2.66E-06	
61	-0.000900	-3.17E-05	-0.016413
-0.000442	-0.000211	-3.47E-06	
62	-0.000900	-2.82E-05	-0.017747
-0.000450	-0.000198	-4.39E-06	
63	-0.000897	-2.78E-05	-0.017313
-0.000423	-0.000329	-5.22E-06	
64	-0.000896	-2.94E-05	-0.015226
-0.000367	-0.000583	-5.76E-06	
65	-0.000894	-3.38E-05	-0.011798
-0.000288	-0.000798	-5.85E-06	
66	-0.000892	-4.81E-05	-0.007528
-0.000194	-0.000908	-5.69E-06	
67	-0.000890	-7.12E-05	-0.002993
-8.73E-05	-0.000896	-5.05E-06	
68	-0.000889	-8.66E-05	-9.03E-07
-5.38E-05	-0.000814	-4.29E-06	
69	-0.000888	-9.83E-05	-0.002354
-0.000108	-0.000703	-4.92E-06	
70	-0.000887	-0.000110	-0.005993
-0.000226	-0.000535	-3.15E-06	
71	-0.000887	-0.000115	-0.009434
-0.000321	-0.000377	-1.31E-06	
72	-0.000887	-0.000113	-0.012152
-0.000383	-0.000243	-1.32E-06	
73	-0.000887	-0.000105	-0.013669
-0.000409	-0.000180	-1.94E-06	
74	-0.000888	-9.24E-05	-0.013741
-0.000400	-0.000257	-2.76E-06	
75	-0.000889	-7.69E-05	-0.012351
-0.000359	-0.000433	-3.68E-06	
76	-0.000889	-5.96E-05	-0.009709
-0.000288	-0.000634	-4.37E-06	
77	-0.000890	-4.42E-05	-0.006262
-0.000194	-0.000745	-4.82E-06	
78	-0.000891	-3.41E-05	-0.002508
-8.43E-05	-0.000750	-4.70E-06	
79	-0.000892	-4.07E-05	-8.84E-07
-2.59E-05	-0.000686	-4.11E-06	
80	-0.000892	-5.06E-05	-0.002719
-9.37E-05	-0.000595	-4.64E-06	
81	-0.000893	-6.21E-05	-0.006767
-0.000210	-0.000459	-3.51E-06	
82	-0.000893	-7.14E-05	-0.010483
-0.000305	-0.000338	-2.28E-06	
83	-0.000893	-7.69E-05	-0.013351
-0.000372	-0.000227	-1.63E-06	
84	-0.000893	-7.84E-05	-0.014900
-0.000405	-0.000188	-1.72E-06	
85	-0.000894	-7.69E-05	-0.014900
-0.000404	-0.000283	-2.20E-06	
86	-0.000894	-7.39E-05	-0.013351
-0.000370	-0.000471	-2.82E-06	
87	-0.000894	-6.79E-05	-0.010483
-0.000303	-0.000684	-3.60E-06	
88	-0.000895	-5.89E-05	-0.006767
-0.000208	-0.000802	-4.38E-06	
89	-0.000895	-4.90E-05	-0.002719
-9.21E-05	-0.000610	-4.56E-06	
90	-0.000895	-4.08E-05	-8.84E-07
-2.59E-05	-0.000747	-4.12E-06	
91	-0.000896	-3.31E-05	-0.002508
-8.44E-05	-0.000655	-4.94E-06	
92	-0.000897	-3.78E-05	-0.006261
-0.000193	-0.000515	-4.06E-06	
93	-0.000897	-4.52E-05	-0.009708
-0.000266	-0.000397	-2.80E-06	
94	-0.000897	-5.22E-05	-0.012350
-0.000357	-0.000273	-2.23E-06	
95	-0.000897	-5.80E-05	-0.013740
-0.000398	-0.000214	-1.97E-06	
96	-0.000897	-6.05E-05	-0.013669
-0.000408	-0.000283	-2.06E-06	
97	-0.000897	-5.99E-05	-0.012151
-0.000382	-0.000451	-2.35E-06	
98	-0.000896	-5.85E-05	-0.009433
-0.000321	-0.000638	-2.95E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
239

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000895	-5.62E-05	-0.005992
-0.000226	-0.000731	-3.63E-06	
100	-0.000893	-5.50E-05	-0.002354
-0.000108	-0.000712	-3.77E-06	
101	-0.000892	-5.54E-05	-9.10E-07
-5.02E-05	-0.000631	-3.43E-06	
102	-0.000891	-5.69E-05	-0.002993
-8.82E-05	-0.000524	-4.18E-06	
103	-0.000889	-6.32E-05	-0.007529
-0.000194	-0.000370	-3.31E-06	
104	-0.000887	-7.09E-05	-0.011800
-0.000288	-0.000224	-2.22E-06	
105	-0.000885	-7.77E-05	-0.015228
-0.000367	-9.12E-05	-1.55E-06	
106	-0.000884	-8.28E-05	-0.017314
-0.000423	-2.69E-05	-1.08E-06	
107	-0.000882	-8.56E-05	-0.017748
-0.000450	-0.000182	-7.84E-07	
108	-0.000882	-8.69E-05	-0.016413
-0.000441	-0.000454	-1.09E-06	
109	-0.000882	-8.65E-05	-0.013409
-0.000394	-0.000754	-1.74E-06	
110	-0.000882	-8.60E-05	-0.008964
-0.000308	-0.001018	-2.84E-06	
111	-0.000883	-8.81E-05	-0.003371
-0.000196	-0.001194	-5.08E-06	
112	-0.000883	-9.22E-05	-4.02E-07
-0.000163	-0.001226	-5.84E-06	
113	-0.000885	-5.99E-05	-2.31E-07
-0.000226	-0.000941	-5.38E-05	
114	-0.000885	-5.38E-05	-0.003165
-0.000266	-0.000337	-1.05E-05	
115	-0.000884	-4.87E-05	-0.008457
-0.000368	-0.000311	-9.86E-06	
116	-0.000882	-7.50E-05	-0.012698
-0.000441	-0.000267	-8.53E-06	
117	-0.000881	-0.000101	-0.015576
-0.000475	-0.000207	-6.80E-06	
118	-0.000879	-0.000121	-0.016859
-0.000478	-0.000177	-5.78E-06	
119	-0.000877	-0.000134	-0.016459
-0.000451	-0.000329	-5.62E-06	
120	-0.000875	-0.000175	-0.014478
-0.000395	-0.000569	-6.04E-06	
121	-0.000873	-0.000125	-0.011221
-0.000314	-0.000773	-6.78E-06	
122	-0.000871	-0.000108	-0.007165
-0.000216	-0.000874	-7.54E-06	
123	-0.000870	-8.97E-05	-0.002860
-0.000119	-0.000861	-8.01E-06	
124	-0.000870	-9.07E-05	-5.65E-07
-9.83E-05	-0.000790	-8.14E-06	
125	-0.000869	-9.70E-05	-0.002235
-0.000140	-0.000692	-8.09E-06	
126	-0.000868	-0.000115	-0.005667
-0.000241	-0.000531	-7.42E-06	
127	-0.000868	-0.000122	-0.008920
-0.000337	-0.000374	-6.08E-06	
128	-0.000868

149	-0.000869	-0.000113	-0.009193
-0.000311	-0.000393	-6.45E-06	
150	-0.000869	-0.000134	-0.011693
-0.000380	-0.000270	-5.21E-06	
151	-0.000870	-0.000145	-0.013009
-0.000419	-0.000208	-4.22E-06	
152	-0.000870	-0.000145	-0.012937
-0.000427	-0.000257	-4.17E-06	
153	-0.000870	-0.000134	-0.011495
-0.000399	-0.000422	-4.80E-06	
154	-0.000870	-0.000113	-0.008919
-0.000336	-0.000601	-5.51E-06	
155	-0.000870	-8.78E-05	-0.005667
-0.000241	-0.000689	-6.39E-06	
156	-0.000869	-6.20E-05	-0.002234
-0.000140	-0.000674	-7.00E-06	
157	-0.000868	-5.54E-05	-5.60E-07
-9.66E-05	-0.000606	-7.25E-06	
158	-0.000867	-7.15E-05	-0.002860
-0.000115	-0.000513	-7.31E-06	
159	-0.000866	-0.000101	-0.007165
-0.000213	-0.000366	-6.65E-06	
160	-0.000864	-0.000127	-0.011220
-0.000312	-0.000223	-5.27E-06	
161	-0.000863	-0.000144	-0.014478
-0.000395	-0.000157	-3.64E-06	
162	-0.000861	-0.000150	-0.016458
-0.000452	-3.12E-05	-2.25E-06	
163	-0.000860	-0.000145	-0.016857
-0.000479	-0.000155	-2.34E-06	
164	-0.000859	-0.000130	-0.015575
-0.000476	-0.000420	-3.83E-06	
165	-0.000857	-0.000107	-0.012698
-0.000442	-0.000710	-5.71E-06	
166	-0.000856	-8.16E-05	-0.008457
-0.000370	-0.000961	-7.32E-06	
167	-0.000856	-8.23E-05	-0.003165
-0.000270	-0.001121	-8.27E-06	
168	-0.000855	-8.53E-05	-2.33E-07
-0.000230	-0.001149	-8.42E-06	
169	-0.000897	-5.39E-05	-0.000117
-0.000207	-0.000352	-6.46E-05	
170	-0.000898	-5.81E-05	-0.003413
-0.000183	-0.000373	-5.23E-05	
171	-0.000898	-6.83E-05	-0.009020
-0.000300	-0.000383	-6.15E-05	
172	-0.000897	-7.65E-05	-0.013491
-0.000383	-0.000344	-5.86E-05	
173	-0.000897	-8.05E-05	-0.016522
-0.000433	-0.000294	-5.55E-05	
174	-0.000896	-8.13E-05	-0.017869
-0.000448	-0.000285	-5.58E-05	
175	-0.000894	-7.90E-05	-0.017429
-0.000428	-0.000403	-6.67E-05	
176	-0.000893	-7.28E-05	-0.015319
-0.000378	-0.000658	-8.94E-05	
177	-0.000891	-6.75E-05	-0.011868
-0.000307	-0.000874	-0.000108	
178	-0.000889	-7.03E-05	-0.007578
-0.000226	-0.000981	-0.000118	
179	-0.000887	-7.68E-05	-0.003022
-0.000127	-0.000960	-0.000107	
180	-0.000886	-9.13E-05	-8.28E-05
-7.91E-05	-0.000850	-9.09E-05	
181	-0.000885	-0.000105	-0.002383
-0.000136	-0.000743	-8.01E-05	
182	-0.000884	-0.000124	-0.006028
-0.000238	-0.000611	-8.16E-05	
183	-0.000884	-0.000139	-0.009477
-0.000320	-0.000455	-6.95E-05	
184	-0.000884	-0.000147	-0.012208
-0.000380	-0.000323	-5.86E-05	
185	-0.000885	-0.000145	-0.013739
-0.000407	-0.000266	-5.56E-05	
186	-0.000885	-0.000135	-0.013812
-0.000401	-0.000337	-6.19E-05	
187	-0.000886	-0.000117	-0.012409
-0.000366	-0.000513	-7.60E-05	
188	-0.000887	-9.21E-05	-0.009754
-0.000303	-0.000713	-8.94E-05	
189	-0.000887	-8.51E-05	-0.006299
-0.000224	-0.000820	-9.65E-05	
190	-0.000888	-4.70E-05	-0.002537
-0.000124	-0.000813	-8.68E-05	
191	-0.000888	-4.90E-05	-6.96E-05
-6.77E-05	-0.000722	-7.30E-05	
192	-0.000889	-5.98E-05	-0.002749
-0.000128	-0.000636	-7.04E-05	
193	-0.000889	-8.20E-05	-0.006809
-0.000228	-0.000534	-6.41E-05	
194	-0.000890	-0.000102	-0.010536
-0.000311	-0.000416	-5.28E-05	
195	-0.000890	-0.000115	-0.013419
-0.000371	-0.000307	-4.56E-05	
196	-0.000891	-0.000121	-0.014982
-0.000401	-0.000273	-4.95E-05	
197	-0.000891	-0.000119	-0.014982
-0.000401	-0.000368	-6.35E-05	
198	-0.000892	-0.000112	-0.013419
-0.000370	-0.000555	-8.13E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000892	-9.80E-05	-0.010536
-0.000309	-0.000766	-9.47E-05	
200	-0.000893	-7.86E-05	-0.006808
-0.000226	-0.000879	-0.000101	
201	-0.000893	-5.81E-05	-0.002749
-0.000126	-0.000874	-9.05E-05	
202	-0.000894	-4.91E-05	-7.03E-05
-6.77E-05	-0.000782	-7.66E-05	
203	-0.000894	-4.67E-05	-0.002536
-0.000122	-0.000695	-7.61E-05	
204	-0.000894	-5.99E-05	-0.006298
-0.000221	-0.000590	-7.56E-05	
205	-0.000895	-7.80E-05	-0.009752
-0.000301	-0.000474	-6.88E-05	
206	-0.000895	-9.56E-05	-0.012407
-0.000364	-0.000352	-6.33E-05	
207	-0.000895	-0.000106	-0.013811
-0.000399	-0.000297	-5.97E-05	
208	-0.000895	-0.000109	-0.013737
-0.000405	-0.000372	-6.03E-05	
209	-0.000895	-0.000102	-0.012207
-0.000378	-0.000538	-7.00E-05	
210	-0.000894	-9.10E-05	-0.009476
-0.000319	-0.000723	-8.41E-05	
211	-0.000893	-7.72E-05	-0.006027
-0.000238	-0.000808	-9.20E-05	
212	-0.000892	-6.67E-05	-0.002381
-0.000136	-0.000775	-8.42E-05	
213	-0.000890	-6.41E-05	-7.06E-05
-7.92E-05	-0.000664	-7.11E-05	
214	-0.000889	-7.00E-05	-0.003028
-0.000127	-0.000561	-6.69E-05	
215	-0.000887	-8.62E-05	-0.007583
-0.000226	-0.000441	-6.41E-05	
216	-0.000885	-0.000106	-0.011873
-0.000307	-0.000298	-5.52E-05	
217	-0.000883	-0.000121	-0.015323
-0.000378	-0.000168	-5.02E-05	
218	-0.000881	-0.000130	-0.017432
-0.000429	-0.000103	-4.86E-05	
219	-0.000881	-0.000133	-0.017871
-0.000449	-0.000273	-5.68E-05	
220	-0.000880	-0.000131	-0.016523
-0.000435	-0.000550	-7.78E-05	
221	-0.000881	-0.000122	-0.013489
-0.000385	-0.000846	-0.000104	
222	-0.000882	-0.000108	-0.009014
-0.000302	-0.001100	-0.000131	
223	-0.000883	-8.98E-05	-0.003402
-0.000183	-0.001245	-0.000126	
224	-0.000884	-8.05E-05	-0.000120
-0.000205	-0.001244	-0.000155	
225	-0.000892	-5.67E-05	-0.000159
-0.000139	-0.000349	-6.93E-05	
226	-0.000892	-4.96E-05	-0.003340
-0.000196	-0.000369	-5.72E-05	
227	-0.000892	-4.09E-05	-0.008821
-0.000387	-0.000378	-6.70E-05	
228	-0.000892	-3.68E-05	-0.013195
-0.000488	-0.000338	-6.37E-05	
229	-0.000891	-4.55E-05	-0.016162
-0.000538	-0.000285	-6.01E-05	
230	-0.000889	-5.75E-05	-0.017483
-0.000546	-0.000275	-5.99E-05	
231	-0.000888	-6.48E-05	-0.017058
-0.000518	-0.000419	-7.03E-05	
232	-0.000886	-6.68E-05	-0.015000
-0.000456	-0.000662	-9.04E-05	
233	-0.000885	-6.01E-05	-0.011628
-0.000362	-0.000870	-0.000109	
234	-0.000882	-6.59E-05	-0.007435
-0.000241	-0.000971	-0.000119	
235	-0.000880	-7.33E-05	-0.002982
-0.000100	-0.000943	-0.000108	
236	-0.000879	-8.41E-05	-0.000130
-4.11E-05	-0.000835	-9.03E-05	
237	-0.000879	-9.43E-05	-0.002344
-0.000128	-0.000732	-8.75E-05	
238	-0.000878	-0.000105	-0.005913
-0.000281	-0.000601	-8.09E-05	
239	-0.000878	-0.000114	-0.009292
-0.000394	-0.000448	-6.74E-05	
240	-0.000878	-0.000120	-0.011968
-0.000468	-0.000318	-5.63E-05	
241	-0.000878	-0.000123	-0.013467
-0.000497	-0.000260	-5.29E-05	
242	-0.000878	-0.000116	-0.013539
-0.000489	-0.000341	-6.24E-05	
243	-0.000879	-0.000102	-0.012166
-0.000448	-0.000512	-7.49E-05	
244	-0.000880	-8.18E-05	-0.009566
-0.000367	-0.000708	-9.44E-05	
245	-0.000880	-5.69E-05	-0.006183
-0.000251	-0.000810	-0.000102	
246	-0.000881	-3.60E-05	-0.002499
-0.000104	-0.000801	-9.30E-05	
247	-0.000881	-3.74E-05	-0.000115
-3.21E-05	-0.000711	-7.85E-05	
248	-0.000882	-4.77E-05	-0.002708
-0.000113	-0.000628	-7.62E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000882	-6.36E-05	-0.006682
-0.000266	-0.000527	-7.22E-05	
250	-0.000882	-8.16E-05	-0.010332
-0.000382	-0.000411	-6.26E-05	
251	-0.000882	-9.44E-05	-0.013156
-0.000459	-0.000303	-5.47E-05	
252	-0.000882	-0.000100	-0.014686
-0.000494	-0.000270	-5.73E-05	
253	-0.000881	-0.000144	-0.014686
-0.000493	-0.000363	-6.72E-05	
254	-0.000881	-9.46E-05	-0.013156
-0.000458	-0.000546	-7.88E-05	
255	-0.000881	-8.22E-05	-0.010332
-0.000380	-0.000754	-8.86E-05	
256	-0.000881	-6.41E-05	-0.006682
-0.000263	-0.000865	-9.27E-05	
257	-0.000881	-4.67E-05	-0.002708
-0.000111	-0.000861	-8.20E-05	
258	-0.000882	-3.71E-05	-0.000116
-3.19E-05	-0.000772	-6.84E-05	
259	-0.000882	-3.26E-05	-0.002499
-0.000102	-0.000688	-6.61E-05	
260	-0.000882	-4.90E-05	-0.006183
-0.000248	-0.000583	-6.37E-05	
261	-0.000883	-6.71E-05	-0.009565
-0.000365	-0.000468	-5.88E-05	
262	-0.000883	-8.18E-05	-0.012165
-0.000446	-0.000349	-5.77E-05	
263	-0.000883	-9.06E-05	-0.013539
-0.000487	-0.000296	-5.97E-05	
264	-0.000883	-9.17E-05	-0.013466
-0.000496	-0.000358	-6.55E-05	
265	-0.000883	-8.55E-05	-0.011967
-0.000467	-0.000522	-7.52E-05	
266	-0.000882	-7.44E-05	-0.009292
-0.000394	-0.000706	-8.97E-05	
267	-0.000882	-6.15E-05	-0.005913
-0.000280	-0.000792	-9.77E-05	
268	-0.000880	-5.12E-05	-0.002345
-0.000127	-0.000762	-8.93E-05	
269	-0.000879	-5.02E-05	-0.000117
-3.99E-05	-0.000657	-7.58E-05	
270	-0.000878	-5.35E-05	-0.002978
-9.87E-05	-0.000558	-7.44E-05	
271	-0.000877	-6.96E-05	-0.007433
-0.000241	-0.000437	-6.97E-05	
272	-0.000875	-8.51E-05	-0.011627
-0.000363	-0.000296	-6.03E-05	
273	-0.000873	-9.44E-05	-0.014999
-0.000457	-0.000168	-5.32E-05	
274	-0.000871	-9.69E-05	-0.017059
-0.000518	-0.000115	-4.88E-05	
275	-0.000870	-9.33E-05	-0.017484
-0.000546	-0.000256	-5.40E-05	
276	-0.000869	-8.47E-05	-0.016164
-0.000538	-0.000521	-7.43E-05	
277	-0.000869	-8.15E-05	-0.013197
-0.000488	-0.000815	-0.000100	
278	-0.000869	-8.14E-05	-0.008827
-0.000386	-0.001067	-0.000126	
279	-0.000869	-8.32E-05	-0.003349
-0.000197	-0.001221	-0.000120	
280	-0.000869	-8.64E-05	-0.000158
-0.000142	-0.001230	-0.000148	
281	-0.002051	-1.46E-05	.000000
-0.000134	-0.000352	-7.46E-06	.000000
282	-0.001004	-3.15E-05	.000000
-3.09E-05	-0.000810	-9.76E-06	.000000
283	-0.001754	.000000	.000000
-2.77E-05	-0.000682	-9.03E-06	.000000
284	.000000	.000000	.000000
-3.62E-06	-0.000744	-9.19E-06	.000000
285	-0.001741	-9.06E-05	.000000
-3.32E-21	-0.000628	-8.49E-06	.000000
286	-0.000604	-1.20E-05	.000000
-0.000108	-0.001207	-9.50E-06	.000000
287	-0.002078	-5.04E-05	.000000
-0.000129	-0.000342	-4.89E-06	.000000
288	-0.001019	-3.09E-05	.000000
-6.14E-05	-0.000814	-4.29E-06	.000000
289	-0.001762	.000000	.000000
-2.58E-05	-0.000686	-4.13E-06	.000000
290	.000000	.000000	.000000
-2.36E-21	-0.000747	-4.18E-06	.000000
291	-0.001745	-9.08E-05	.000000
-5.45E-06	-0.000632	-3.43E-06	.000000
292	-0.000609	-4.74E-05	.000000
-2.99E-21	-0.001233	-5.84E-06	.000000
293	-0.001993	-1.15E-20	.000000
-0.000188	-0.000326	-1.05E-05	.000000
294	-0.000989	-0.000109	.000000
-0.000158	-0.000777	-8.14E-06	.000000
295	-0.001711	-4.05E-05	.000000
-0.000180	-0.000637	-7.87E-06	.000000
296	-1.13E-06	-0.000132	.000000
-6.72E-05	-0.000724	-8.27E-06	.000000
297	-0.001593	-0.000594	.000000
-8.50E-05	-0.000612	-7.25E-06	.000000
298	-0.000559	-0.000230	.000000
-1.57E-20	-0.001163	-8.42E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-1 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000220	2.75E-06	2.17E-08
2.90E-05	0.000262	8.29E-07	
2	0.000220	2.35E-06	0.000312
6.22E-05	0.000263	7.87E-07	
3	0.000220	3.65E-06	0.000852
0.000138	0.000244	8.10E-07	
4	0.000219	7.02E-06	0.001330
0.000205	0.000199	1.02E-06	
5	0.000219	1.17E-05	0.001715
0.000252	0.000137	1.18E-06	
6	0.000218	1.70E-05	0.001973
0.000275	6.02E-05	1.77E-06	
7	0.000218	2.24E-05	0.002069
0.000271	2.94E-06	3.08E-06	
8	0.000217	2.69E-05	0.001976
0.000243	3.39E-05	4.24E-06	
9	0.000217	2.82E-05	0.001678
0.000193	7.51E-05	4.64E-06	
10	0.000217	2.52E-05	0.001186
0.000132	0.000113	4.67E-06	
11	0.000217	1.49E-05	0.000528
6.84E-05	0.000144	4.11E-06	
12	0.000218	4.15E-06	3.12E-08
3.17E-05	0.000156	4.00E-06	
13	0.000218	6.30E-07	0.000723
3.51E-05	0.000163	3.91E-06	
14	0.000219	3.63E-06	0.001656
8.53E-05	0.000162	2.62E-06	
15	0.000220	8.65E-06	0.002399
0.000138	0.000143	1.37E-06	
16	0.000220	1.23E-05	0.002902
0.000181	0.000105	9.25E-07	
17	0.000220	1.53E-05	0.003123
0.000208	5.90E-05	1.15E-06	
18	0.000220	1.91E-05	0.003060
0.000211	5.26E-05	2.10E-06	
19	0.000219	2.20E-05	0.002771
0.000191	8.75E-05	3.31E-06	
20	0.000218	2.20E-05	0.002264
0.000152	0.000129	4.17E-06	
21	0.000217	1.72E-05	0.001544
0.000101	0.000161	4.61E-06	
22	0.000216	7.39E-06	0.000667
4.79E-05	0.000186	4.28E-06	
23	0.000216	5.95E-06	3.67E-08
2.17E-05	0.000194	3.84E-06	
24	0.000215	7.81E-06	0.000593
3.86E-05	0.000195	3.28E-06	
25	0.000214	1.45E-05	0.001371
9.20E-05	0.000182	2.00E-06	
26	0.000214	2.04E-05	0.002003
0.000145	0.000152	8.84E-07	
27	0.000213	2.28E-05	0.002440
0.000187	0.000103	6.69E-07	
28	0.000213	2.29E-05	0.002643
0.000210	5.23E-05	1.06E-06	
29	0.000212	2.30E-05	0.002646
0.000210	4.60E-05	2.18E-06	
30	0.000211	2.30E-05	0.002444
0.000187	7.58E-05	3.42E-06	
31	0.000210	2.07E-05	0.002008
0.000145	0.000112	4.29E-06	
32	0.000210	1.45E-05	0.001377
9.20E-05	0.000144	4.52E-06	
33	0.000209	7.50E-06	0.000596
3.90E-05	0.000167	4.00E-06	
34	0.000208	6.27E-06	3.67E-08
2.19E-05	0.000173	3.58E-06	
35	0.000208	7.99E-06	0.000671
4.70E-05	0.000172	3.08E-06	
36	0.000212	1.75E-05	0.001551
0.000100	0.000157	1.77E-06	
37	0.000208	2.28E-05	0.002272
0.000151	0.000126	6.19E-07	
38	0.000207	2.40E-05	0.002779
0.000190	7.85E-05	4.88E-07	
39	0.000207	2.32E-05	0.003066
0.000213	3.49E-05	1.03E-06	
40	0.000208	2.20E-05	0.003128
0.000207	4.54E-05	2.28E-06	
41	0.000209	2.20E-05	0.002906
0.000180	8.71E-05	3.55E-06	
42	0.000210	1.98E-05	0.002402
0.000137	0.000131	4.39E-06	
43	0.000212	1.41E-05	0.001658
8.40E-05	0.000173	4.56E-06	
44	0.000214	9.32E-06	0.000724
3.39E-05	0.000202	4.02E-06	
45	0.000215	9.66E-06	3.09E-08
3.18E-05	0.000210	3.64E-06	
46	0.000216	1.11E-05	0.000528
6.89E-05	0.000210	3.15E-06	
47	0.000217	1.77E-05	0.001186
0.000132	0.000194	1.72E-06	
48	0.000217	2.22E-05	0.001679
0.000194	0.000157	4.46E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000218	2.25E-05	0.001976
0.000243	9.86E-05	2.56E-07	
50	0.000217	2.05E-05	0.002069
0.000272	3.09E-05	6.58E-07	
51	0.000217	1.82E-05	0.001973
0.000275	4.11E-05	1.71E-06	
52	0.000217	1.67E-05	0.001716
0.000253	6.93E-05	3.27E-06	
53	0.000217	1.52E-05	0.001331
0.000206	9.02E-05	4.91E-06	
54	0.000217	1.33E-05	0.000853
0.000139	0.000105	5.56E-06	
55	0.000217	1.07E-05	0.000312
6.39E-05	0.000112	5.09E-06	
56	0.000217	9.31E-06	2.18E-08
3.12E-05	0.000113	4.82E-06	
57	0.000295	2.74E-05	1.56E-08
1.76E-05	0.000418	5.43E-07	
58	0.000295	2.16E-05	0.000353
4.43E-05	0.000420	4.98E-07	
59	0.000295	1.51E-05	0.000965
0.000191	0.000284	3.68E-07	
60	0.000295	1.25E-05	0.001511
0.000316	0.000307	3.36E-07	
61	0.000295	1.05E-05	0.001961
0.000398	0.000206	4.42E-07	
62	0.000295	9.01E-06	0.002280
0.000437	9.04E-05	4.75E-07	
63	0.000294	8.10E-06	0.002434
0.000432	1.33E-05	5.49E-07	
64	0.000295	8.22E-06	0.002383
0.000385	2.59E-05	6.50E-07	
65	0.000295	9.94E-06	0.002093
0.000302	7.63E-05	7.68E-07	
66	0.000294	1.36E-05	0.001544
0.000196	0.000132	9.48E-07	
67	0.000294	1.81E-05	0.000722
8.53E-05	0.000188	9.84E-07	
68	0.000294	2.04E-05	2.57E-08
2.30E-05	0.000222	4.16E-07	
69	0.000294	2.03E-05	0.000955
3.76E-05	0.000249	1.16E-07	
70	0.000294	1.63E-05	0.002097
0.000133	0.000262	1.07E-07	
71	0.000294	1.61E-05	0.002936
0.000230	0.000237	1.02E-07	
72	0.000294	1.39E-05	0.003467
0.000308	0.000175	3.93E-07	
73	0.000294	1.22E-05	0.003682
0.000354	0.000106	7.30E-07	
74	0.000294	9.95E-06	0.003594
0.000360	7.50E-05	1.05E-06	
75	0.000294	7.99E-06	0.003316
0.000325	9.67E-05	1.33E-06	
76	0.000294	5.96E-06	0.002769
0.000254	0.000144	1.57E-06	
77	0.000293	4.24E-06	0.001952
0.000160	0.000189	1.75E-06	
78	0.000293	4.55E-06	0.000878
6.21E-05	0.000238	1.75E-06	
79	0.000293	8.29E-06	4.46E-08
6.61E-06	0.000265	1.24E-06	
80	0.000293	1.08E-05	0.000802
5.02E-05	0.000282	9.59E-07	
81	0.000293	1.35E-05	0.001771
0.000149	0.000280	7.55E-07	
82	0.000293	1.58E-05	0.002495
0.000244	0.000241	5.65E-07	
83	0.000293	1.76E-05	0.002963
0.000319	0.000166	4.58E-07	
84	0.000293	1.84E-05	0.003165
0.000359	9.39E-05	5.74E-07	
85	0.000292	1.81E-05	0.003165
0.000359	6.51E-05	6.09E-07	
86	0.000292	1.71E-05	0.002964
0.000318	8.49E-05	6.32E-07	
87	0.000292	1.54E-05	0.002495
0.000243	0.000127	8.92E-07	
88	0.000292	1.32E-05	0.001772
0.000147	0.000173	1.22E-06	
89	0.000292	1.13E-05	0.000802
4.91E-05	0.000219	1.28E-06	
90	0.000292	9.06E-06	4.49E-08
7.33E-06	0.000243	7.88E-07	
91	0.000292	5.62E-06	0.000879
6.20E-05	0.000257	5.77E-07	
92	0.000292	4.08E-06	0.001952
0.000160	0.000251	4.32E-07	
93	0.000292	4.21E-06	0.002770
0.000253	0.000210	2.93E-07	
94	0.000292	4.51E-06	0.003316
0.000324	0.000135	2.77E-07	
95	0.000292	4.42E-06	0.003595
0.000359	7.24E-05	4.34E-07	
96	0.000292	3.88E-06	0.003682
0.000353	6.17E-05	5.46E-07	
97	0.000292	4.01E-06	0.003468
0.000308	9.64E-05	6.71E-07	
98	0.000292	5.27E-06	0.002936
0.000230	0.000147	9.96E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000293	7.70E-06	0.002097
0.000134	0.000206	1.45E-06	
100	0.000293	1.08E-05	0.000955
3.88E-05	0.000261	1.59E-06	
101	0.000292	1.29E-05	2.63E-08
2.23E-05	0.000290	1.10E-06	
102	0.000292	1.51E-05	0.000722
8.47E-05	0.000307	8.41E-07	
103	0.000292	1.83E-05	0.001544
0.000195	0.000301	7.60E-07	
104	0.000291	2.10E-05	0.002093
0.000302	0.000253	7.77E-07	
105	0.000291	2.45E-05	0.002382
0.000385	0.000168	8.16E-07	
106	0.000291	2.74E-05	0.002433
0.000432	7.76E-05	6.93E-07	
107	0.000291	2.92E-05	0.002280
0.000437	5.62E-05	5.10E-07	
108	0.000291	2.96E-05	0.001960
0.000398	8.33E-05	3.12E-07	
109	0.000291	2.92E-05	0.001510
0.000316	0.000104	3.15E-07	
110	0.000291	2.90E-05	0.000964
0.000191	0.000119	7.11E-07	
111	0.000292	3.08E-05	0.000353
4.30E-05	0.000127	1.55E-06	
112	0.000292	3.32E-05	1.51E-08
1.60E-05	0.000128	1.81E-06	
113	0.000382	4.85E-05	1.90E-08
4.01E-05	0.000665	9.27E-06	
114	0.000382	7.24E-05	0.000394
9.67E-05	0.000653	9.16E-06	
115	0.000382	0.000113	0.001077
0.000230	0.000564	8.12E-06	
116	0.000383	0.000145	0.001690
0.000345	0.000430	6.09E-06	
117	0.000383	0.000165	0.002203
0.000423	0.000279	3.56E-06	
118	0.000384	0.000170	0.002585
0.000461	0.000135	1.65E-06	
119	0.000384	0.000159	0.002795
0.000461	3.82E-05	5.00E-07	
120	0.000385	0.000135	0.002788
0.000421	2.16E-05	4.45E-07	
121	0.000385	0.000105	0.002518
0.000346	8.01E-05	1.28E-06	
122	0.000384	6.17E-05	0.001933
0.000245	0.000152	2.58E-06	
123	0.000384	3.01E-05	0.000956

150	0.000402	0.000108	0.003849
0.000353	0.000218	4.63E-06	
151	0.000402	0.000121	0.004115
0.000384	0.000138	3.20E-06	
152	0.000401	0.000120	0.004228
0.000377	8.80E-05	1.91E-06	
153	0.000400	0.000106	0.004026
0.000330	0.000101	1.53E-06	
154	0.000397	8.21E-05	0.003478
0.000254	0.000157	2.09E-06	
155	0.000395	5.55E-05	0.002564
0.000160	0.000139	3.55E-06	
156	0.000392	2.99E-05	0.001224
8.16E-05	0.000319	5.48E-06	
157	0.000390	2.62E-05	3.37E-08
8.29E-05	0.000387	6.79E-06	
158	0.000389	4.63E-05	0.000956
0.000137	0.000439	7.85E-06	
159	0.000387	8.65E-05	0.001932
0.000246	0.000447	8.54E-06	
160	0.000386	0.000127	0.002517
0.000346	0.000385	8.01E-06	
161	0.000385	0.000161	0.002787
0.000421	0.000268	6.33E-06	
162	0.000385	0.000185	0.002793
0.000461	0.000157	4.16E-06	
163	0.000384	0.000193	0.002584
0.000462	8.82E-05	2.18E-06	
164	0.000384	0.000185	0.002203
0.000423	9.56E-05	9.17E-07	
165	0.000385	0.000162	0.001689
0.000345	0.000118	9.25E-07	
166	0.000386	0.000126	0.001077
0.000230	0.000134	1.02E-06	
167	0.000385	8.16E-05	0.000394
9.76E-05	0.000143	1.10E-06	
168	0.000386	5.62E-05	1.95E-08
4.12E-05	0.000144	1.14E-06	
169	0.000257	7.21E-06	9.85E-06
2.18E-05	0.000317	5.78E-05	
170	0.000257	6.49E-06	0.000339
3.34E-05	0.000324	4.57E-05	
171	0.000257	6.13E-06	0.000910
0.000175	0.000300	5.04E-05	
172	0.000257	6.30E-06	0.001418
0.000284	0.000246	4.25E-05	
173	0.000257	7.87E-06	0.001831
0.000357	0.000169	3.36E-05	
174	0.000256	1.11E-05	0.002114
0.000389	7.58E-05	2.63E-05	
175	0.000256	1.47E-05	0.002233
0.000381	6.00E-06	2.27E-05	
176	0.000256	1.85E-05	0.002153
0.000335	3.05E-05	2.58E-05	
177	0.000255	2.08E-05	0.001852
0.000257	7.56E-05	2.97E-05	
178	0.000255	2.09E-05	0.001328
0.000162	0.000121	3.39E-05	
179	0.000253	1.69E-05	0.000596
6.83E-05	0.000160	3.49E-05	
180	0.000256	1.12E-05	4.22E-06
9.86E-06	0.000182	3.39E-05	
181	0.000256	4.32E-06	0.000806
3.04E-05	0.000198	3.80E-05	
182	0.000257	3.90E-06	0.001834
0.000110	0.000254	4.10E-05	
183	0.000257	4.95E-06	0.002628
0.000195	0.000182	3.92E-05	
184	0.000257	5.57E-06	0.003151
0.000266	0.000135	3.54E-05	
185	0.000257	6.56E-06	0.003374
0.000307	7.82E-05	3.21E-05	
186	0.000254	8.41E-06	0.003301
0.000311	6.09E-05	2.95E-05	
187	0.000256	1.06E-05	0.003013
0.000279	9.19E-05	2.87E-05	
188	0.000256	1.20E-05	0.002481
0.000214	0.000136	2.81E-05	
189	0.000255	1.09E-05	0.001712
0.000132	0.000174	2.73E-05	
190	0.000255	6.76E-06	0.000745
4.98E-05	0.000208	2.44E-05	
191	0.000254	4.60E-06	4.92E-06
4.11E-06	0.000223	2.17E-05	
192	0.000254	6.90E-06	0.000668
3.99E-05	0.000230	2.26E-05	
193	0.000254	1.09E-05	0.001533
0.000122	0.000221	2.21E-05	
194	0.000253	1.36E-05	0.002213
0.000207	0.000188	1.89E-05	
195	0.000253	1.50E-05	0.002671
0.000274	0.000128	1.74E-05	
196	0.000253	1.53E-05	0.002878
0.000311	6.75E-05	2.10E-05	
197	0.000252	1.50E-05	0.002879
0.000311	5.33E-05	2.60E-05	
198	0.000252	1.42E-05	0.002674
0.000274	8.07E-05	3.15E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000252	1.30E-05	0.002217
0.000205	0.000120	3.68E-05	
200	0.000251	1.02E-05	0.001537
0.000121	0.000159	4.20E-05	
201	0.000251	6.39E-06	0.000671
3.92E-05	0.000190	4.29E-05	
202	0.000251	4.64E-06	5.52E-06
4.23E-06	0.000203	4.11E-05	
203	0.000252	7.48E-06	0.000746
4.92E-05	0.000207	4.53E-05	
204	0.000251	1.19E-05	0.001715
0.000131	0.000194	4.81E-05	
205	0.000250	1.36E-05	0.002485
0.000213	0.000159	4.39E-05	
206	0.000250	1.33E-05	0.003017
0.000278	0.000100	3.69E-05	
207	0.000249	1.21E-05	0.003304
0.000310	4.70E-05	2.76E-05	
208	0.000250	1.10E-05	0.003376
0.000306	5.19E-05	1.85E-05	
209	0.000250	1.05E-05	0.003153
0.000265	9.29E-05	1.13E-05	
210	0.000251	1.05E-05	0.002629
0.000195	0.000140	1.12E-05	
211	0.000252	1.00E-05	0.001835
0.000110	0.000191	1.51E-05	
212	0.000253	1.01E-05	0.000805
3.06E-05	0.000229	1.93E-05	
213	0.000253	1.08E-05	2.66E-06
9.75E-06	0.000245	2.07E-05	
214	0.000254	1.29E-05	0.000597
6.80E-05	0.000251	2.54E-05	
215	0.000255	1.62E-05	0.001329
0.000162	0.000237	3.04E-05	
216	0.000255	1.82E-05	0.001853
0.000257	0.000195	3.05E-05	
217	0.000255	1.91E-05	0.002153
0.000335	0.000124	2.95E-05	
218	0.000254	1.95E-05	0.002233
0.000381	4.56E-05	2.75E-05	
219	0.000254	1.96E-05	0.002114
0.000389	4.74E-05	2.77E-05	
220	0.000254	1.94E-05	0.001830
0.000357	7.56E-05	3.03E-05	
221	0.000254	1.89E-05	0.001417
0.000285	9.66E-05	3.23E-05	
222	0.000254	1.78E-05	0.000909
0.000175	0.000111	3.41E-05	
223	0.000254	1.66E-05	0.000336
3.34E-05	0.000119	3.96E-05	
224	0.000255	1.60E-05	8.67E-06
2.16E-05	0.000119	3.65E-05	
225	0.000338	3.16E-05	0.000107
2.43E-05	0.000525	7.08E-05	
226	0.000339	4.17E-05	0.000368
4.36E-05	0.000535	5.70E-05	
227	0.000339	5.96E-05	0.001020
0.000261	0.000483	5.85E-05	
228	0.000339	7.52E-05	0.001604
0.000407	0.000379	4.65E-05	
229	0.000339	8.46E-05	0.002090
0.000496	0.000252	3.60E-05	
230	0.000340	8.56E-05	0.002446
0.000536	0.000117	2.87E-05	
231	0.000340	7.83E-05	0.002635
0.000528	2.76E-05	2.61E-05	
232	0.000340	6.35E-05	0.002613
0.000474	2.14E-05	2.92E-05	
233	0.000340	4.38E-05	0.002340
0.000375	7.50E-05	3.33E-05	
234	0.000340	2.33E-05	0.001778
0.000240	0.000138	3.82E-05	
235	0.000339	1.58E-05	0.000881
8.97E-05	0.000211	4.06E-05	
236	0.000339	2.41E-05	7.71E-05
9.21E-06	0.000265	4.11E-05	
237	0.000339	3.37E-05	0.001136
3.93E-05	0.000309	4.75E-05	
238	0.000338	4.82E-05	0.002376
0.000171	0.000331	5.23E-05	
239	0.000337	6.22E-05	0.003249
0.000297	0.000300	4.86E-05	
240	0.000337	7.26E-05	0.003784
0.000393	0.000222	4.26E-05	
241	0.000337	7.69E-05	0.003988
0.000445	0.000143	3.65E-05	
242	0.000337	7.38E-05	0.003885
0.000452	9.32E-05	3.38E-05	
243	0.000338	6.33E-05	0.003619
0.000413	0.000101	3.29E-05	
244	0.000339	4.71E-05	0.003064
0.000326	0.000151	3.26E-05	
245	0.000340	2.78E-05	0.002211
0.000204	0.000201	3.21E-05	
246	0.000340	8.87E-06	0.001043
6.68E-05	0.000266	2.99E-05	
247	0.000341	8.33E-06	7.20E-05
5.41E-06	0.000311	2.81E-05	
248	0.000341	2.09E-05	0.000967
5.20E-05	0.000344	3.03E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000342	3.99E-05	0.002028
0.000189	0.000348	3.05E-05	
250	0.000342	5.81E-05	0.002783
0.000314	0.000301	2.62E-05	
251	0.000343	7.25E-05	0.003257
0.000405	0.000209	2.30E-05	
252	0.000343	8.04E-05	0.003452
0.000451	0.000128	2.77E-05	
253	0.000343	8.06E-05	0.003450
0.000451	8.07E-05	3.29E-05	
254	0.000344	7.31E-05	0.003254
0.000404	8.87E-05	3.87E-05	
255	0.000344	5.92E-05	0.002779
0.000312	0.000133	4.44E-05	
256	0.000344	4.17E-05	0.002024
0.000187	0.000185	5.04E-05	
257	0.000345	2.36E-05	0.000964
5.09E-05	0.000247	5.36E-05	
258	0.000345	1.16E-05	7.23E-05
5.30E-06	0.000290	5.32E-05	
259	0.000346	4.89E-06	0.001042
6.56E-05	0.000319	6.01E-05	
260	0.000346	2.10E-05	0.002208
0.000202	0.000317	6.40E-05	
261	0.000347	3.73E-05	0.003060
0.000324	0.000267	5.83E-05	
262	0.000347	5.02E-05	0.003615
0.000411	0.000174	4.85E-05	
263	0.000347	5.71E-05	0.003883
0.000451	0.000104	3.57E-05	
264	0.000346	5.65E-05	0.003986
0.000445	7.46E-05	2.46E-05	
265	0.000346	4.88E-05	0.003783
0.000392	9.92E-05	1.58E-05	
266	0.000345	3.75E-05	0.003248
0.000296	0.000152	1.66E-05	
267	0.000343	2.54E-05	0.002376
0.00011	0.000219	2.16E-05	
268	0.000343	1.66E-05	0.001137
3.91E-05	0.000295	2.65E-05	
269	0.000341	1.68E-05	7.68E-05
8.96E-06	0.000343	3.05E-05	
270	0.000340	2.70E-05	0.000880
8.97E-05	0.000376	3.88E-05	
271	0.000339	4.70E-05	0.001777
0.000240	0.000374	4.65E-05	
272	0.000339	6.93E-05	0.002339
0.000375	0.000317	4.61E-05	
273	0.000338	8.88E-05	0.002612
0.000474	0.000214	4.26E-05	
274	0.000338	0.000102	0.002633
0.000528	0.000114	3.87E-05	
275	0.000338	0.000107	0.002446
0.000536	6.97E-05	3.62E-05	
276	0.000338	0.000104	0.002090
0.000496	9.06E-05	3.69E-05	
277	0.000338	9.09E-05	0.001604
0.000447	0.000112	3.88E-05	
278	0.000338	7.17E-05	0.001021
0.000261	0.000127	4.07E-05	
279	0.000339	5.00E-05	0.000370
4.37E-05	0.000135	3.53E-05	
280	0.000339	4.01E-05	0.000107
2.47E-05	0.000135	4.35E-05	
281	0.000314	6.72E-06	.000000
3.43E-05	0.000261	8.29E-07	.000000
282	0.000272	8.52E-06	.000000
3.20E-05	0.000157	4.00E-06	.000000
283	0.000396	.000000	.000000
2.17E-05	0.000194	3.84E-06	.000000
284	.000000	.000000	.000000
1.65E-05	0.000174	3.58E-06	.000000
285	0.000400	2.08E-05	.000000
1.45E-05	0.000212	3.64E-06	.000000
286	0.000264	5.26E-06	.000000
3.17E-05	0.000114	4.82E-06	.000000
287	0.000401	3.70E-05	.000000
3.27E-05	0.000418	5.43E-07	.000000
288	0.000241	9.26E-06	.000000
2.16E-05	0.000222	4.16E-07	.000000
289	0.000538	.000000	.000000
6.62E-06	0.000265	1.24E-06	.000000
290	.000000	.000000	.000000
4.21E-06	0.000243	7.88E-07	.000000
291	0.000551	2.87E-05	.000000
5.98E-06	0.000290	1.10E-06	.000000
292	0.000468	3.64E-05	.000000
2.24E-05	0.000128	1.81E-06	.000000
293	0.000511	9.38E-05	.000000
0.000146	0.000647	9.27E-06	.000000
294	0.000598	5.82E-05	.000000
9.64E-05	0.000304	5.25E-06	.000000
295	0.000728	6.14E-05	.000000
0.000117	0.000340	6.38E-06	.000000
296	2.61E-07	9.46E-05	.000000
5.85E-05	0.000336	5.69E-06	.000000
297	0.000694	0.000255	.000000
3.99E-05	0.000395	6.79E-06	.000000
298	0.000746	0.000255	.000000
9.37E-05	0.000157	1.14E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-1 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000258	-3.39E-05	-3.80E-09
-4.05E-06	-0.000113	-4.86E-06	
2	-0.000257	-4.57E-05	-0.000708
-4.30E-06	-0.000112	-5.19E-06	
3	-0.000254	-7.14E-05	-0.001917
-1.17E-05	-0.000105	-5.86E-06	
4	-0.000252	-9.82E-05	-0.002920
-2.22E-05	-9.03E-05	-5.38E-06	
5	-0.000250	-0.000119	-0.003629
-3.26E-05	-6.93E-05	-3.77E-06	
6	-0.000249	-0.000130	-0.003974
-4.29E-05	-4.84E-05	-2.16E-06	
7	-0.000249	-0.000128	-0.003922
-5.19E-05	-3.10E-05	-7.86E-07	
8	-0.000249	-0.000116	-0.003492
-5.76E-05	-9.85E-06	-1.90E-07	
9	-0.000250	-9.64E-05	-0.002749
-5.68E-05	-0.000157	-2.57E-07	
10	-0.000252	-7.37E-05	-0.001798
-4.61E-05	-0.000194	-1.52E-06	
11	-0.000252	-5.28E-05	-0.000745
-2.32E-05	-0.000210	-2.98E-06	
12	-0.000253	-3.99E-05	-6.74E-09
-3.21E-06	-0.000210	-3.67E-06	
13	-0.000253	-3.38E-05	-0.000554
-6.34E-06	-0.000201	-4.35E-06	
14	-0.000253	-4.26E-05	-0.001351
-3.76E-05	-0.000173	-5.00E-06	
15	-0.000253	-6.32E-05	-0.002082
-6.05E-05	-0.000130	-4.84E-06	
16	-0.000253	-8.34E-05	-0.002658
-7.34E-05	-8.69E-05	-3.79E-06	
17	-0.000252	-9.65E-05	-0.002984
-7.90E-05	-4.52E-05	-2.36E-06	
18	-0.000251	-9.93E-05	-0.003009
-7.97E-05	-3.48E-05	-1.03E-06	
19	-0.000250	-9.12E-05	-0.002725
-7.82E-05	-7.86E-05	-3.37E-07	
20	-0.000250	-7.41E-05	-0.002173
-6.93E-05	0.000126	-4.33E-07	
21	-0.000249	-5.22E-05	-0.001438
-5.09E-05	-0.000157	-1.74E-06	
22	-0.000248	-3.20E-05	-0.000603
-2.16E-05	-0.000171	-3.16E-06	
23	-0.000247	-2.61E-05	-7.92E-09
-4.96E-06	-0.000172	-3.61E-06	
24	-0.000246	-2.86E-05	-0.000678
-1.24E-05	-0.000166	-3.97E-06	
25	-0.000245	-4.49E-05	-0.001619
-4.11E-05	-0.000144	-4.49E-06	
26	-0.000244	-6.62E-05	-0.002451
-6.07E-05	-0.000112	-4.31E-06	
27	-0.000243	-8.45E-05	-0.003085
-7.10E-05	-7.62E-05	-3.45E-06	
28	-0.000241	-9.50E-05	-0.003426
-7.43E-05	-4.66E-05	-2.22E-06	
29	-0.000240	-9.52E-05	-0.003427
-7.39E-05	-5.20E-05	-1.08E-06	
30	-0.000239	-8.50E-05	-0.003088
-7.06E-05	-0.000102	-7.25E-07	
31	-0.000238	-6.67E-05	-0.002456
-6.03E-05	-0.000152	-8.79E-07	
32	-0.000237	-4.53E-05	-0.001624
-4.10E-05	-0.000183	-2.03E-06	
33	-0.000235	-2.87E-05	-0.000681
-1.21E-05	-0.000195	-2.31E-06	
34	-0.000234	-2.62E-05	-7.92E-09
-5.22E-06	-0.000195	-3.77E-06	
35	-0.000234	-3.24E-05	-0.000606
-2.07E-05	-0.000187	-4.15E-06	
36	-0.000234	-5.22E-05	-0.001444
-4.97E-05	-0.000161	-4.58E-06	
37	-0.000237	-7.42E-05	-0.002180
-6.81E-05	-0.000129	-4.29E-06	
38	-0.000235	-9.24E-05	-0.002732
-7.70E-05	-8.75E-05	-3.40E-06	
39	-0.000235	-0.000102	-0.003015
-7.85E-05	-5.28E-05	-2.17E-06	
40	-0.000236	-0.000102	-0.002988
-7.81E-05	-1.45E-05	-8.95E-06	
41	-0.000236	-9.08E-05	-0.002661
-7.24E-05	-0.000105	-6.36E-07	
42	-0.000236	-7.19E-05	-0.002084
-5.93E-05	-0.000144	-8.66E-07	
43	-0.000237	-5.08E-05	-0.001352
-3.63E-05	-0.000162	-2.15E-06	
44	-0.000237	-3.82E-05	-0.000554
-5.18E-06	-0.000164	-3.56E-06	
45	-0.000238	-3.48E-05	-6.49E-09
-2.89E-06	-0.000156	-3.99E-06	
46	-0.000239	-4.15E-05	-0.000746
-2.36E-05	-0.000144	-4.33E-06	
47	-0.000240	-6.06E-05	-0.001799
-4.63E-05	-0.000113	-4.72E-06	
48	-0.000242	-8.50E-05	-0.002750
-5.69E-05	-7.51E-05	-4.98E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000244	-0.000107	-0.003494
-5.77E-05	-3.39E-05	-4.48E-06	
50	-0.000245	-0.000123	-0.003924
-5.22E-05	-2.87E-06	-3.22E-06	
51	-0.000245	-0.000128	-0.003976
-4.32E-05	-6.02E-05	-1.75E-06	
52	-0.000244	-0.000121	-0.003631
-3.29E-05	-0.000137	-8.83E-07	
53	-0.000243	-0.000103	-0.002922
-2.26E-05	-0.000199	-7.36E-07	
54	-0.000241	-7.83E-05	-0.001917
-1.23E-05	-0.000244	-6.21E-07	
55	-0.000239	-5.22E-05	-0.000709
-5.78E-06	-0.000263	-8.04E-07	
56	-0.000238	-3.93E-05	-3.89E-09
-5.97E-06	-0.000262	-8.86E-07	
57	-0.000174	-1.74E-06	-3.44E-08
-4.30E-05	-0.000128	-2.34E-06	
58	-0.000319	-1.62E-05	-0.001150
-6.30E-06	-0.000127	-2.06E-06	
59	-0.000318	-1.45E-05	-0.003086
-9.70E-06	-0.000119	-1.12E-06	
60	-0.000318	-1.35E-05	-0.004649
-2.37E-05	-0.000104	-1.29E-07	
61	-0.000318	-1.22E-05	-0.005713
-3.81E-05	-8.33E-05	-7.23E-07	
62	-0.000318	-1.16E-05	-0.006189
-5.36E-05	-5.62E-05	-8.64E-07	
63	-0.000318	-1.27E-05	-0.006044
-6.88E-05	-7.76E-05	-1.01E-06	
64	-0.000317	-1.56E-05	-0.005315
-8.19E-05	-0.000167	-9.93E-07	
65	-0.000318	-1.91E-05	-0.004115
-8.88E-05	-0.000253	-7.59E-07	
66	-0.000318	-2.17E-05	-0.002627
-8.27E-05	-0.000307	-5.32E-07	
67	-0.000317	-2.35E-05	-0.001051
-5.42E-05	-0.000307	-5.56E-07	
68	-0.000317	-2.52E-05	-9.04E-08
-1.75E-05	-0.000290	-8.41E-07	
69	-0.000317	-2.84E-05	-0.000816
-2.91E-05	-0.000261	-1.37E-06	
70	-0.000317	-3.29E-05	-0.002064
-7.37E-05	-0.000206	-1.16E-06	
71	-0.000317	-3.52E-05	-0.003251
-9.60E-05	-0.000147	-7.20E-07	
72	-0.000317	-3.49E-05	-0.004195
-0.000105	-9.64E-05	-6.11E-07	
73	-0.000317	-3.24E-05	-0.004725
-0.000106	-6.17E-05	-6.52E-07	
74	-0.000317	-2.83E-05	-0.004751
-0.000105	-7.25E-05	-7.43E-07	
75	-0.000317	-2.36E-05	-0.004269
-0.000108	-0.000135	-7.72E-07	
76	-0.000318	-1.76E-05	-0.003353
-0.000103	-0.000210	-7.10E-07	
77	-0.000318	-1.11E-05	-0.002164
-8.63E-05	-0.000251	-6.65E-07	
78	-0.000318	-6.31E-06	-0.000874
-4.84E-05	-0.000257	-7.47E-07	
79	-0.000318	-7.94E-06	-8.39E-08
-6.92E-06	-0.000243	-9.37E-07	
80	-0.000318	-1.13E-05	-0.000951
-3.76E-05	-0.000219	-1.34E-06	
81	-0.000318	-1.64E-05	-0.002349
-7.63E-05	-0.000173	-1.25E-06	
82	-0.000318	-2.06E-05	-0.003637
-9.45E-05	-0.000127	-8.84E-07	
83	-0.000318	-2.33E-05	-0.004635
-0.000100	-8.49E-05	-6.10E-07	
84	-0.000318	-2.44E-05	-0.005176
-9.93E-05	-6.51E-05	-6.12E-07	
85	-0.000318	-2.41E-05	-0.005176
-9.88E-05	-9.39E-05	-5.87E-07	
86	-0.000318	-2.32E-05	-0.004636
-9.92E-05	-0.000166	-4.86E-07	
87	-0.000318	-2.07E-05	-0.003637
-9.32E-05	-0.000241	-5.88E-07	
88	-0.000318	-1.67E-05	-0.002349
-7.50E-05	-0.000280	-7.13E-07	
89	-0.000318	-1.18E-05	-0.000951
-3.66E-05	-0.000282	-8.53E-07	
90	-0.000318	-8.80E-06	-8.40E-08
-7.55E-06	-0.000265	-1.04E-06	
91	-0.000318	-7.54E-06	-0.000874
-4.84E-05	-0.000238	-1.47E-06	
92	-0.000319	-1.09E-05	-0.002164
-8.55E-05	-0.000189	-1.37E-06	
93	-0.000319	-1.53E-05	-0.003353
-0.000102	-0.000144	-1.03E-06	
94	-0.000320	-1.81E-05	-0.004269
-0.000106	-9.67E-05	-7.11E-07	
95	-0.000320	-1.95E-05	-0.004750
-0.000104	-7.50E-05	-6.44E-07	
96	-0.000320	-2.01E-05	-0.004724
-0.000105	-0.000106	-5.66E-07	
97	-0.000320	-2.00E-05	-0.004194
-0.000104	-0.000175	-4.32E-07	
98	-0.000320	-1.88E-05	-0.003250
-9.61E-05	-0.000237	-3.95E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000320	-1.63E-05	-0.002063
-7.42E-05	-0.000262	-3.87E-07	
100	-0.000320	-1.30E-05	-0.000816
-3.03E-05	-0.000249	-3.80E-07	
101	-0.000320	-1.23E-05	-9.15E-08
-1.69E-05	-0.000222	-7.37E-07	
102	-0.000320	-1.51E-05	-0.001051
-5.38E-05	-0.000188	-1.30E-06	
103	-0.000320	-2.06E-05	-0.002627
-8.23E-05	-0.000132	-1.22E-06	
104	-0.000319	-2.52E-05	-0.004116
-8.84E-05	-7.63E-05	-9.05E-07	
105	-0.000319	-2.82E-05	-0.005316
-8.16E-05	-2.59E-05	-6.17E-07	
106	-0.000319	-3.05E-05	-0.006045
-6.86E-05	-1.33E-05	-3.98E-07	
107	-0.000319	-3.17E-05	-0.006190
-5.35E-05	-9.05E-05	-3.66E-07	
108	-0.000319	-3.20E-05	-0.005714
-3.81E-05	-0.000206	-3.74E-07	
109	-0.000319	-3.16E-05	-0.004649
-2.36E-05	-0.000307	-3.44E-07	
110	-0.000320	-3.06E-05	-0.003086
-9.41E-06	-0.000384	-2.66E-07	
111	-0.000319	-2.95E-05	-0.001150
-5.34E-06	-0.000420	-3.55E-07	
112	-0.000319	-2.92E-05	-3.42E-08
-4.21E-05	-0.000419	-3.93E-07	
113	-0.000407	-2.76E-05	-2.96E-07
-7.06E-06	-0.000145	-8.81E-07	
114	-0.000409	-2.81E-05	-0.001776
-7.21E-06	-0.000143	-8.88E-07	
115	-0.000413	-2.91E-05	-0.004687
-1.22E-05	-0.000134	-8.68E-07	
116	-0.000416	-2.99E-05	-0.006951
-2.24E-05	-0.000118	-8.76E-07	
117	-0.000417	-3.12E-05	-0.008445
-3.24E-05	-9.56E-05	-9.85E-07	
118	-0

151	-0.000426	-4.23E-05	-0.007111
-7.92E-05	-0.000108	-2.11E-06	
152	-0.000426	-4.41E-05	-0.007083
-7.92E-05	-0.000173	-3.47E-06	
153	-0.000425	-4.26E-05	-0.006294
-7.35E-05	-0.000260	-4.92E-06	
154	-0.000424	-3.84E-05	-0.004872
-5.98E-05	-0.000356	-6.36E-06	
155	-0.000422	-3.11E-05	-0.003070
-3.26E-05	-0.000398	-7.04E-06	
156	-0.000420	-1.69E-05	-0.001183
-3.86E-06	-0.000374	-6.59E-06	
157	-0.000419	-1.47E-05	-6.69E-07
-2.82E-06	-0.000314	-5.71E-06	
158	-0.000417	-2.80E-05	-0.001460
-2.08E-05	-0.000242	-4.60E-06	
159	-0.000414	-4.50E-05	-0.003747
-4.86E-05	-0.000152	-2.92E-06	
160	-0.000411	-5.52E-05	-0.005937
-5.86E-05	-8.00E-05	-1.49E-06	
161	-0.000408	-5.97E-05	-0.007711
-5.78E-05	-2.16E-05	-5.12E-07	
162	-0.000405	-6.03E-05	-0.008811
-5.14E-05	-3.82E-05	-5.11E-07	
163	-0.000404	-5.86E-05	-0.009078
-4.23E-05	-5.12E-05	-1.28E-06	
164	-0.000404	-5.57E-05	-0.008445
-3.25E-05	-0.000279	-3.77E-06	
165	-0.000406	-5.20E-05	-0.006951
-2.25E-05	-0.000430	-6.38E-06	
166	-0.000409	-4.80E-05	-0.004688
-1.26E-05	-0.000564	-8.49E-06	
167	-0.000415	-4.37E-05	-0.001776
-8.10E-06	-0.000652	-9.61E-06	
168	-0.000415	-4.12E-05	-2.96E-07
-8.11E-06	-0.000665	-9.78E-06	
169	-0.000286	-1.33E-05	-4.58E-05
-9.52E-05	-0.000118	-2.62E-05	
170	-0.000119	-2.29E-05	-0.000938
-5.24E-06	-0.000119	-2.12E-05	
171	-0.000284	-4.28E-05	-0.002434
-1.01E-05	-0.000111	-2.47E-05	
172	-0.000283	-5.99E-05	-0.003659
-2.34E-05	-9.66E-05	-2.39E-05	
173	-0.000282	-7.24E-05	-0.004511
-3.72E-05	-7.57E-05	-2.10E-05	
174	-0.000282	-7.93E-05	-0.004907
-5.19E-05	-4.74E-05	-2.21E-05	
175	-0.000282	-7.97E-05	-0.004816
-6.68E-05	-4.57E-05	-2.44E-05	
176	-0.000282	-7.41E-05	-0.004262
-8.04E-05	-0.000124	-3.19E-05	
177	-0.000283	-6.37E-05	-0.003329
-8.88E-05	-0.000195	-3.80E-05	
178	-0.000284	-5.04E-05	-0.002157
-8.55E-05	-0.000237	-4.17E-05	
179	-0.000284	-3.73E-05	-0.000890
-6.03E-05	-0.000251	-3.96E-05	
180	-0.000285	-3.02E-05	-2.67E-05
-2.44E-05	-0.000245	-3.61E-05	
181	-0.000285	-2.47E-05	-0.000675
-4.18E-05	-0.000229	-3.80E-05	
182	-0.000285	-2.92E-05	-0.001651
-7.89E-05	-0.000191	-3.79E-05	
183	-0.000285	-4.32E-05	-0.002565
-9.57E-05	-0.000140	-3.38E-05	
184	-0.000284	-5.56E-05	-0.003289
-0.000101	-9.27E-05	-2.98E-05	
185	-0.000284	-6.32E-05	-0.003697
-0.000101	-5.18E-05	-2.77E-05	
186	-0.000284	-6.45E-05	-0.003723
-0.000101	-4.70E-05	-2.70E-05	
187	-0.000284	-5.92E-05	-0.003360
-0.000104	-0.000100	-2.78E-05	
188	-0.000284	-4.82E-05	-0.002661
-0.000102	-0.000159	-2.77E-05	
189	-0.000283	-3.35E-05	-0.001745
-8.84E-05	-0.000194	-2.66E-05	
190	-0.000283	-1.91E-05	-0.000728
-5.50E-05	-0.000206	-1.97E-05	
191	-0.000282	-1.37E-05	-2.29E-05
-1.88E-05	-0.000202	-1.78E-05	
192	-0.000282	-1.54E-05	-0.000801
-4.50E-05	-0.000190	-1.66E-05	
193	-0.000281	-2.82E-05	-0.001925
-7.88E-05	-0.000159	-1.33E-05	
194	-0.000281	-4.28E-05	-0.002940
-9.31E-05	-0.000120	-1.01E-05	
195	-0.000280	-5.47E-05	-0.003721
-9.66E-05	-8.10E-05	-1.05E-05	
196	-0.000280	-6.13E-05	-0.004143
-9.45E-05	-5.35E-05	-1.77E-05	
197	-0.000280	-6.12E-05	-0.004143
-9.40E-05	-6.73E-05	-2.78E-05	
198	-0.000279	-5.45E-05	-0.003723
-9.57E-05	-0.000128	-3.79E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000279	-4.25E-05	-0.002944
-9.20E-05	-0.000188	-4.55E-05	
200	-0.000279	-2.79E-05	-0.001929
-7.78E-05	-5.01E-05	-1.28E-05	
201	-0.000278	-1.51E-05	-0.000804
-4.43E-05	-0.000231	-4.75E-05	
202	-0.000278	-1.38E-05	-2.32E-05
-1.89E-05	-0.000224	-4.32E-05	
203	-0.000277	-1.97E-05	-0.000729
-5.44E-05	-0.000209	-4.51E-05	
204	-0.000277	-3.47E-05	-0.001747
-8.72E-05	-0.000174	-4.44E-05	
205	-0.000277	-4.93E-05	-0.002664
-0.000100	-0.000136	-3.91E-05	
206	-0.000277	-6.11E-05	-0.003363
-0.000103	-9.19E-05	-3.35E-05	
207	-0.000278	-6.72E-05	-0.003725
-9.93E-05	-6.10E-05	-2.76E-05	
208	-0.000278	-6.65E-05	-0.003698
-0.000100	-7.84E-05	-2.21E-05	
209	-0.000278	-5.94E-05	-0.003290
-0.000100	-0.000135	-1.68E-05	
210	-0.000278	-4.75E-05	-0.002565
-9.52E-05	-0.000183	-1.62E-05	
211	-0.000278	-3.42E-05	-0.001651
-7.87E-05	-0.000202	-1.86E-05	
212	-0.000279	-2.37E-05	-0.000674
-4.20E-05	-0.000198	-1.81E-05	
213	-0.000279	-2.14E-05	-2.64E-05
-2.42E-05	-0.000183	-1.68E-05	
214	-0.000279	-2.62E-05	-0.000892
-6.02E-05	-0.000160	-1.83E-05	
215	-0.000280	-3.96E-05	-0.002159
-8.54E-05	-0.000121	-1.98E-05	
216	-0.000281	-5.51E-05	-0.003330
-8.87E-05	-7.56E-05	-2.03E-05	
217	-0.000282	-6.88E-05	-0.004263
-8.04E-05	-3.95E-05	-2.14E-05	
218	-0.000283	-7.81E-05	-0.004818
-6.68E-05	-5.95E-06	-2.34E-05	
219	-0.000283	-8.14E-05	-0.004909
-5.19E-05	-7.58E-05	-2.89E-05	
220	-0.000283	-7.81E-05	-0.004513
-3.74E-05	-0.000169	-3.75E-05	
221	-0.000283	-6.80E-05	-0.003660
-2.36E-05	-0.000246	-4.54E-05	
222	-0.000282	-5.18E-05	-0.002433
-1.03E-05	-0.000300	-5.37E-05	
223	-0.000281	-3.21E-05	-0.000938
-5.24E-06	-0.000324	-4.88E-05	
224	-0.000281	-2.40E-05	-4.62E-05
-9.52E-05	-0.000317	-6.15E-05	
225	-0.000361	-2.19E-05	-1.18E-05
-0.00170	-0.000136	-3.21E-05	
226	-0.000362	-2.20E-05	-0.001374
-1.16E-05	-0.000136	-2.60E-05	
227	-0.000364	-2.16E-05	-0.003822
-1.08E-05	-0.000128	-3.03E-05	
228	-0.000366	-2.16E-05	-0.005757
-2.33E-05	-0.000112	-2.93E-05	
229	-0.000367	-2.14E-05	-0.007050
-3.64E-05	-9.08E-05	-2.84E-05	
230	-0.000368	-2.15E-05	-0.007610
-5.02E-05	-6.99E-05	-2.97E-05	
231	-0.000368	-2.11E-05	-0.007405
-6.51E-05	-0.000114	-3.50E-05	
232	-0.000367	-1.98E-05	-0.006485
-8.04E-05	-0.000213	-4.47E-05	
233	-0.000366	-1.69E-05	-0.004991
-9.50E-05	-0.000317	-5.40E-05	
234	-0.000365	-1.34E-05	-0.003147
-0.000105	-0.000374	-5.90E-05	
235	-0.000375	-1.52E-05	-0.001213
-9.31E-05	-0.000375	-5.45E-05	
236	-0.000363	-2.66E-05	-6.17E-06
-6.22E-05	-0.000343	-4.75E-05	
237	-0.000362	-3.79E-05	-0.000960
-6.85E-05	-0.000295	-4.81E-05	
238	-0.000362	-4.95E-05	-0.002530
-9.54E-05	-0.000220	-4.97E-05	
239	-0.000362	-5.51E-05	-0.004030
-0.000101	-0.000153	-4.18E-05	
240	-0.000362	-5.58E-05	-0.005219
-0.000102	-9.93E-05	-3.70E-05	
241	-0.000362	-5.29E-05	-0.005884
-0.000100	-7.46E-05	-3.41E-05	
242	-0.000363	-4.76E-05	-0.005912
-9.94E-05	-0.000104	-3.53E-05	
243	-0.000363	-4.06E-05	-0.005297
-0.000105	-0.000174	-3.80E-05	
244	-0.000364	-3.27E-05	-0.004138
-0.000108	-0.000267	-3.97E-05	
245	-0.000365	-2.13E-05	-0.002637
-0.000107	-0.000318	-4.76E-05	
246	-0.000366	-6.36E-06	-0.001023
-8.55E-05	-0.000319	-3.31E-05	
247	-0.000366	-5.68E-06	-7.99E-06
-5.71E-05	-0.000290	-2.58E-05	
248	-0.000367	-1.65E-05	-0.001103
-7.25E-05	-0.000248	-2.29E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000367	-2.87E-05	-0.002826
-9.64E-05	-0.000185	-1.86E-05	
250	-0.000368	-3.64E-05	-0.004426
-0.000100	-0.000133	-1.46E-05	
251	-0.000369	-4.04E-05	-0.005667
-9.74E-05	-8.85E-05	-1.45E-05	
252	-0.000369	-4.16E-05	-0.006341
-9.37E-05	-8.06E-05	-2.43E-05	
253	-0.000370	-4.15E-05	-0.006341
-9.32E-05	-0.000128	-3.65E-05	
254	-0.000370	-4.09E-05	-0.005665
-9.64E-05	-0.000209	-4.99E-05	
255	-0.000371	-3.57E-05	-0.004423
-9.82E-05	-0.000301	-6.02E-05	
256	-0.000371	-3.04E-05	-0.002822
-9.49E-05	-0.000348	-6.63E-05	
257	-0.000372	-1.90E-05	-0.001100
-7.15E-05	-0.000344	-6.24E-05	
258	-0.000372	-8.65E-06	-8.42E-06
-5.69E-05	-0.000311	-7.56E-05	
259	-0.000372	-2.00E-06	-0.001021
-8.43E-05	-0.000266	-5.54E-05	
260	-0.000373	-1.38E-05	-0.002634
-0.000106	-0.000200	-5.29E-05	
261	-0.000373	-2.18E-05	-0.004134
-0.000107	-0.000151	-4.67E-05	
262	-0.000373	-2.65E-05	-0.005293
-0.000103	-0.000101	-4.07E-05	
263	-0.000373	-2.99E-05	-0.005908
-9.83E-05	-9.33E-05	-3.46E-05	
264	-0.000373	-3.12E-05	-0.005881
-9.93E-05	-0.000143	-2.89E-05	
265	-0.000373	-3.02E-05	-0.005216
-0.000101	-0.000222	-4.27E-05	
266	-0.000372	-2.82E-05	-0.004028
-0.000101	-0.000300	-2.59E-05	
267	-0.000371	-2.41E-05	-0.002529
-9.52E-05	-0.000331	-2.90E-05	
268	-0.000370	-1.68E-05	-0.000961
-6.82E-05	-0.000309	-1.56E-05	
269	-0.000369	-1.46E-05	-5.19E-06
-6.20E-05	-0.000265	-2.50E-05	
270	-0.000368	-2.31E-05	-0.001212
-9.31E-05	-0.000211	-2.58E-05	
271	-0.000367	-3.44E-05	-0.003147
-0.000105	-0.000138	-2.69E-05	
272	-0.000365	-4.17E-05	-0.004991
-9.49E-05	-7.51E-05	-2.71E-05	
273	-0.000364	-4.54E-05	-0.006485
-8.02E-05	-2.15E-05	-2.82E-05	
274	-0.000363	-4.65E-05	-0.007405
-6.50E-05	-2.75E-05	-3.03E-05	
275	-0.000362	-4.59E-05	-0.007610
-5.02E-05	-0.000117	-3.55E-05	
276	-0.000363	-4.43E-05	-0.007051
-3.64E-05	-0.000252	-4.44E-05	
277	-0.000364	-4.19E-05	-0.005757
-2.35E-05	-0.000379	-5.45E-05	
278	-0.000366	-3.91E-05	-0.003824
-1.08E-05	-0.000483	-6.70E-05	
279	-0.000368	-3.64E-05	-0.001375
-1.17E-05	-0.000535	-6.45E-05	
280	-0.000369	-3.45E-05	-1.09E-05
-0.000170	-0.000525	-7.98E-05	
281	-0.000507	-4.18E-06	.000000
-5.04E-06	-0.000113	-4.86E-06	
282	-0.000237	-7.44E-06	.000000
-6.19E-22	-0.000209	-3.12E-06	
283	-0.000477	.000000	.000000
-4.95E-06	-0.000172	-3.61E-06	
284	.000000	.000000	.000000
-4.70E-22	-0.000195	-3.77E-06	
285	-0.000465	-2.42E-05	.000000
1.83E-22	-0.000156	-3.93E-06	
286	-0.000145	-2.88E-06	.000000
-6.93E-22	-0.000261	-8.86E-07	
287	-0.000716	-2.07E-05	.000000
-2.82E-05	-0.000127	-2.34E-06	
288	-0.000356	-1.10E-05	.000000
-1.96E-05	-0.000290	-8.41E-07	
289	-0.000000	.000000	.000000
-6.91E-06	-0.000243	-9.37E-07	
290	.000000	.000000	.000000
-4.53E-06	-0.000265	-1.04E-06	
291	-0.000624	-3.25E-05	.000000
-7.57E-06	-0.000223	-7.37E-07	
292	-0.000215	-1.68E-05	.000000
-3.68E-06	-0.000419	-3.93E-07	
293	-0.001041	2.95E-21	.000000
-1.83E-05	-0.000143	-8.81E-07	
294	-0.000513	2.45E-21	.000000
-3.73E-05	-0.000389	-6.37E-06	
295	-0.000812	-4.09E-21	.000000
-4.85E-05	-0.000332	-6.07E-06	
296	-2.46E-06	-1.00E-05	.000000
-6.40E-22	-0.000357	-5.96E-06	
297	-0.000790	-0.000187	.000000
2.03E-21	-0.000301	-5.71E-06	
298	-0.000300	-6.13E-05	.000000
-2.24E-21	-0.000645	-9.78E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-2 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000425	1.63E-05	4.65E-08
3.93E-05	0.000525	1.15E-06	
2	0.000425	6.30E-06	0.000572
9.25E-05	0.000525	1.14E-06	
3	0.000425	7.28E-06	0.001562
0.000223	0.000482	1.16E-06	
4	0.000425	1.12E-05	0.002439
0.000335	0.000387	1.40E-06	
5	0.000424	1.65E-05	0.003150
0.000413	0.000259	2.13E-06	
6	0.000424	2.23E-05	0.003633
0.000451	0.000107	3.06E-06	
7	0.000423	2.85E-05	0.003827
0.000448	5.30E-06	4.52E-06	
8	0.000422	3.38E-05	0.003678
0.000404	6.00E-05	6.04E-06	
9	0.000422	3.62E-05	0.003151
0.000325	0.000137	6.98E-06	
10	0.000421	3.36E-05	0.002251
0.000222	0.000211	7.90E-06	
11	0.000421	2.52E-05	0.001013
0.000115	0.000274	7.23E-06	
12	0.000422	1.40E-05	7.65E-08
5.57E-05	0.000303	5.61E-06	
13	0.000422	3.76E-06	0.001379
5.99E-05	0.000321	5.17E-06	
14	0.000423	5.24E-06	0.003125
0.000144	0.000323	3.51E-06	
15	0.000424	1.13E-05	0.004489
0.000235	0.000287	1.94E-06	
16	0.000424	1.58E-05	0.005395
0.000310	0.000209	1.49E-06	
17	0.000424	1.97E-05	0.005786
0.000354	0.000119	2.19E-06	
18	0.000423	2.23E-05	0.005664
0.000360	0.000102	3.62E-06	
19	0.000421	2.68E-05	0.005152
0.000328	0.000161	5.32E-06	
20	0.000420	2.64E-05	0.004231
0.000261	0.000236	6.94E-06	
21	0.000418	2.04E-05	0.002910
0.000173	0.000298	8.45E-06	
22	0.000416	1.17E-05	0.001269
8.08E-05	0.000352	8.08E-06	
23	0.000415	1.36E-05	9.25E-08
3.77E-05	0.000372	5.84E-06	
24	0.000414	1.46E-05	0.001136
6.42E-05	0.000378	4.45E-06	
25	0.000413	2.32E-05	0.002598
0.000156	0.000360	2.70E-06	
26	0.000412	3.14E-05	0.003759
0.000247	0.000303	1.34E-06	
27	0.000411	3.52E-05	0.004550
0.000319	0.000205	1.12E-06	
28	0.000408	3.58E-05	0.004911
0.000358	0.000107	2.06E-06	
29	0.000408	3.58E-05	0.004915
0.000358	8.89E-05	3.65E-06	
30	0.000406	3.48E-05	0.004557
0.000319	0.000138	5.35E-06	
31	0.000405	3.08E-05	0.003767
0.000247	0.000204	7.23E-06	
32	0.000404	2.24E-05	0.002606
0.000156	0.000268	8.22E-06	
33	0.000402	1.39E-05	0.001141
6.48E-05	0.000317	7.62E-06	
34	0.000401	1.39E-05	9.25E-08
3.78E-05	0.000334	5.40E-06	
35	0.000401	1.28E-05	0.001274
7.93E-05	0.000337	4.03E-06	
36	0.000401	2.11E-05	0.002919
0.000171	0.000315	2.23E-06	
37	0.000400	2.75E-05	0.004241
0.000259	0.000258	8.19E-07	
38	0.000400	2.92E-05	0.005162
0.000326	0.000163	7.67E-07	
39	0.000400	2.83E-05	0.005671
0.000359	7.66E-05	1.94E-06	
40	0.000401	2.67E-05	0.005792
0.000352	8.57E-05	3.77E-06	
41	0.000402	2.61E-05	0.005400
0.000308	0.000156	5.54E-06	
42	0.000404	2.34E-05	0.004492
0.000233	0.000236	7.17E-06	
43	0.000407	1.78E-05	0.003128
0.000141	0.000319	8.28E-06	
44	0.000409	1.65E-05	0.001380
5.78E-05	0.000381	7.63E-06	
45	0.000411	2.06E-05	7.59E-08
5.66E-05	0.000404	5.44E-06	
46	0.000412	2.15E-05	0.001014
0.000117	0.000411	4.10E-06	
47	0.000413	2.88E-05	0.002252
0.000223	0.000389	2.20E-06	
48	0.000414	3.49E-05	0.003153
0.000325	0.000422	7.22E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000414	3.64E-05	0.003680
0.000405	0.000210	7.11E-07	
50	0.000413	3.52E-05	0.003830
0.000449	7.82E-05	1.64E-06	
51	0.000413	3.40E-05	0.003636
0.000453	7.65E-05	3.14E-06	
52	0.000413	3.24E-05	0.003153
0.000414	0.000127	5.19E-06	
53	0.000413	3.01E-05	0.002442
0.000337	0.000164	7.44E-06	
54	0.000413	2.66E-05	0.001564
0.000225	0.000191	9.52E-06	
55	0.000414	1.91E-05	0.000573
9.63E-05	0.000205	1.15E-05	
56	0.000414	2.70E-05	4.69E-08
4.42E-05	0.000207	1.19E-05	
57	0.000529	4.16E-05	2.12E-08
5.56E-05	0.000784	4.38E-06	
58	0.000530	3.56E-05	0.000627
9.47E-05	0.000779	3.87E-06	
59	0.000530	3.05E-05	0.001713
0.000298	0.000697	2.19E-06	
60	0.000530	2.91E-05	0.002681
0.000475	0.000547	1.22E-06	
61	0.000530	2.68E-05	0.003479
0.000534	0.000361	9.10E-07	
62	0.000530	2.31E-05	0.004046
0.000653	0.000160	9.40E-07	
63	0.000530	1.86E-05	0.004318
0.000649	2.72E-05	1.06E-06	
64	0.000530	1.44E-05	0.004229
0.000586	4.88E-05	1.17E-06	
65	0.000530	1.46E-05	0.003720
0.000471	0.000137	1.24E-06	
66	0.000529	1.82E-05	0.002757
0.000320	0.000235	1.44E-06	
67	0.000529	2.40E-05	0.001303
0.000159	0.000338	1.48E-06	
68	0.000529	2.76E-05	3.46E-08
6.70E-05	0.000407	1.27E-06	
69	0.000529	2.91E-05	0.001717
8.62E-05	0.000462	2.02E-06	
70	0.000528	3.04E-05	0.003739
0.000220	0.000483	1.84E-06	
71	0.000528	3.18E-05	0.005218
0.000359	0.000433	1.26E-06	
72	0.000528	3.17E-05	0.006157
0.000473	0.000317	1.29E-06	
73	0.000528	2.97E-05	0.006535
0.000540	0.000196	1.63E-06	
74	0.000528	2.52E-05	0.006380
0.000550	0.000138	2.10E-06	
75	0.000528	1.91E-05	0.005886
0.000501	0.000173	2.55E-06	
76	0.000529	1.17E-05	0.004922
0.000401	0.000256	2.88E-06	
77	0.000529	6.21E-06	0.003482
0.000266	0.000334	3.07E-06	
78	0.000530	3.06E-06	0.001580
0.000122	0.000426	3.03E-06	
79	0.000530	8.93E-06	7.18E-08
4.21E-05	0.000482	2.79E-06	
80	0.000530	1.50E-05	0.001444
0.000102	0.000521	3.51E-06	
81	0.000530	2.33E-05	0.003160
0.000245	0.000517	3.07E-06	
82	0.000530	3.13E-05	0.004433
0.000383	0.000443	2.12E-06	
83	0.000530	3.80E-05	0.005260
0.000490	0.000306	1.51E-06	
84	0.000530	4.13E-05	0.005616
0.000548	0.000179	1.42E-06	
85	0.000530	4.09E-05	0.005616
0.000547	0.000120	1.41E-06	
86	0.000530	3.72E-05	0.005260
0.000489	0.000150	1.40E-06	
87	0.000530	3.05E-05	0.004434
0.000381	0.000224	1.66E-06	
88	0.000530	2.24E-05	0.003160
0.000243	0.000304	1.95E-06	
89	0.000530	1.53E-05	0.001445
0.000101	0.000390	2.04E-06	
90	0.000531	1.00E-05	7.22E-08
4.29E-05	0.000442	1.91E-06	
91	0.000531	4.59E-06	0.001580
0.000122	0.000476	2.80E-06	
92	0.000531	5.17E-06	0.003481
0.000265	0.000468	2.47E-06	
93	0.000531	7.48E-06	0.004922
0.000399	0.000391	1.63E-06	
94	0.000532	9.96E-06	0.005886
0.000500	0.000255	1.16E-06	
95	0.000532	1.15E-05	0.006379
0.000549	0.000144	1.18E-06	
96	0.000532	1.08E-05	0.006535
0.000539	0.000113	1.38E-06	
97	0.000532	9.07E-06	0.006156
0.000472	0.000168	1.47E-06	
98	0.000531	8.62E-06	0.005218
0.000360	0.000256	1.85E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000531	1.17E-06	0.003739
0.000321	0.000360	2.34E-06	
100	0.000530	1.75E-05	0.001717
8.77E-05	0.000463	2.60E-06	
101	0.000530	2.15E-05	3.61E-08
6.55E-05	0.000525	2.57E-06	
102	0.000530	2.60E-05	0.001303
0.000158	0.000566	3.37E-06	
103	0.000529	3.24E-05	0.002757
0.000319	0.000559	3.17E-06	
104	0.000528	4.07E-05	0.003720
0.000470	0.000473	2.60E-06	
105	0.000528	4.91E-05	0.004229
0.000586	0.000320	2.15E-06	
106	0.000528	5.66E-05	0.004318
0.000649	0.000159	1.60E-06	
107	0.000528	6.06E-05	0.004046
0.000652	0.000105	1.11E-06	
108	0.000528	6.10E-05	0.003479
0.000594	0.000146	8.86E-07	
109	0.000528	5.83E-05	0.002680
0.000475	0.000184	9.83E-07	
110	0.000529	5.47E-05	0.001712
0.000296	0.000211	1.34E-06	
111	0.000529	5.31E-05	0.000626
9.18E-05	0.000225	2.14E-06	
112	0.000529	5.42E-05	1.98E-08
5.21E-05	0.000227	2.40E-06	
113	0.000640	6.52E-05	3.07E-08
4.15E-05	0.001064	1.35E-05	
114	0.000640	9.47E-05	0.000682
0.000100	0.001042	1.33E-05	
115	0.000641	0.000146	0.001864
0.000239	0.000897	1.16E-05	
116	0.000642	0.000189	0.002923
0.000359	0.000677	8.48E-06	
117	0.000642	0.000214	0.003809
0.000442	0.000428	4.80E-06	
118	0.000643	0.000219	0.004460
0.000485	0.000195	2.19E-06	
119	0.000643	0.000202	0.004809
0.000492	4.64E-05	8.75E-07	
120	0.000644	0.000168	0.004781
0.000457	4.27E-05

152	0.000666	0.000150	0.007278
0.000392	0.000147	2.95E-06	
153	0.000664	0.000130	0.006913
0.000343	0.000176	2.63E-06	
154	0.000661	9.77E-05	0.005947
0.000263	0.000273	3.31E-06	
155	0.000658	6.38E-05	0.004355
0.000164	0.000395	5.13E-06	
156	0.000654	3.72E-05	0.002058
8.44E-05	0.000542	7.76E-06	
157	0.000652	3.47E-05	5.58E-08
9.13E-05	0.000548	9.62E-06	
158	0.000650	5.97E-05	0.001597
0.000155	0.000729	1.12E-05	
159	0.000647	0.000111	0.003268
0.000274	0.000745	1.22E-05	
160	0.000646	0.000166	0.004292
0.000380	0.000648	1.14E-05	
161	0.000644	0.000214	0.004779
0.000457	0.000461	9.04E-06	
162	0.000644	0.000247	0.004808
0.000493	0.000271	5.92E-06	
163	0.000644	0.000259	0.004459
0.000485	0.000153	3.07E-06	
164	0.000644	0.000249	0.003807
0.000442	0.000263	1.67E-06	
165	0.000644	0.000218	0.002922
0.000360	0.000202	1.82E-06	
166	0.000645	0.000169	0.001864
0.000240	0.000231	2.01E-06	
167	0.000646	0.000111	0.000682
0.000102	0.000247	2.15E-06	
168	0.000648	8.07E-05	3.18E-08
4.39E-05	0.000250	2.19E-06	
169	0.000476	1.67E-05	5.63E-05
3.67E-05	0.000619	9.82E-05	
170	0.000476	1.45E-05	0.000610
5.20E-05	0.000632	7.78E-05	
171	0.000476	1.28E-05	0.001641
0.000286	0.000580	8.45E-05	
172	0.000476	1.19E-05	0.002558
0.000456	0.000467	6.97E-05	
173	0.000475	1.27E-05	0.003306
0.000565	0.000314	5.32E-05	
174	0.000475	1.62E-05	0.003825
0.000614	0.000139	3.99E-05	
175	0.000475	2.00E-05	0.004050
0.000606	1.72E-05	3.43E-05	
176	0.000474	2.38E-05	0.003923
0.000541	5.87E-05	3.93E-05	
177	0.000474	2.64E-05	0.003399
0.000424	0.000140	4.59E-05	
178	0.000474	2.69E-05	0.002467
0.000270	0.000222	5.32E-05	
179	0.000474	2.22E-05	0.001134
0.000108	0.000299	5.60E-05	
180	0.000474	1.58E-05	3.82E-05
1.46E-05	0.000346	5.56E-05	
181	0.000474	8.15E-06	0.001519
4.40E-05	0.000383	5.35E-05	
182	0.000475	7.53E-06	0.003389
0.000184	0.000396	6.99E-05	
183	0.000475	8.89E-06	0.004809
0.000325	0.000357	6.54E-05	
184	0.000476	9.96E-06	0.005736
0.000437	0.000263	5.70E-05	
185	0.000476	1.09E-05	0.006126
0.000499	0.000157	5.01E-05	
186	0.000475	1.28E-05	0.005991
0.000508	0.000120	4.58E-05	
187	0.000475	1.47E-05	0.005483
0.000460	0.000171	4.48E-05	
188	0.000473	1.54E-05	0.004538
0.000359	0.000249	4.40E-05	
189	0.000473	1.30E-05	0.003160
0.000223	0.000317	4.35E-05	
190	0.000472	6.78E-06	0.001403
7.62E-05	0.000385	4.00E-05	
191	0.000472	6.77E-06	3.74E-05
5.57E-06	0.000420	3.68E-05	
192	0.000471	1.20E-05	0.001265
5.82E-05	0.000442	3.94E-05	
193	0.000471	1.94E-05	0.002841
0.000204	0.000432	3.94E-05	
194	0.000470	2.47E-05	0.004057
0.000344	0.000369	3.31E-05	
195	0.000470	2.78E-05	0.004869
0.000451	0.000253	2.81E-05	
196	0.000469	2.88E-05	0.005232
0.000506	0.000140	3.27E-05	
197	0.000469	2.81E-05	0.005235
0.000505	0.000105	4.13E-05	
198	0.000469	2.61E-05	0.004873
0.000450	0.000148	5.08E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1003.OUT

Page 259

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000468	2.29E-05	0.004063
0.000343	0.000218	6.01E-05	
200	0.000468	1.77E-05	0.002847
0.000203	0.000289	6.93E-05	
201	0.000469	1.11E-05	0.001270
5.70E-05	0.000352	7.49E-05	
202	0.000467	6.83E-06	3.81E-05
5.74E-06	0.000383	6.99E-05	
203	0.000467	7.84E-06	0.001404
7.52E-05	0.000400	7.79E-05	
204	0.000467	1.42E-05	0.003163
0.000221	0.000384	8.27E-05	
205	0.000466	1.77E-05	0.004543
0.000357	0.000319	7.49E-05	
206	0.000466	1.75E-05	0.005488
0.000458	0.000205	6.18E-05	
207	0.000465	1.63E-05	0.005994
0.000506	0.000105	4.47E-05	
208	0.000465	1.49E-05	0.006128
0.000498	0.000101	2.89E-05	
209	0.000466	1.36E-05	0.005738
0.000436	0.000167	1.80E-05	
210	0.000467	1.30E-05	0.004810
0.000324	0.000252	2.03E-05	
211	0.000468	1.35E-05	0.003388
0.000183	0.000329	2.81E-05	
212	0.000469	1.63E-05	0.001517
4.44E-05	0.000424	3.62E-05	
213	0.000470	1.92E-05	3.40E-05
1.46E-05	0.000462	3.94E-05	
214	0.000470	2.29E-05	0.001135
0.000108	0.000484	4.86E-05	
215	0.000471	2.88E-05	0.002468
0.000270	0.000467	5.76E-05	
216	0.000471	3.27E-05	0.003401
0.000424	0.000390	5.68E-05	
217	0.000471	3.52E-05	0.003925
0.000541	0.000258	5.29E-05	
218	0.000471	3.68E-05	0.004051
0.000606	0.000110	4.74E-05	
219	0.000470	3.75E-05	0.003825
0.000614	9.20E-05	4.62E-05	
220	0.000470	3.76E-05	0.003306
0.000565	0.000140	4.96E-05	
221	0.000471	3.67E-05	0.002556
0.000457	0.000177	5.28E-05	
222	0.000471	3.47E-05	0.001638
0.000287	0.000203	5.56E-05	
223	0.000472	3.29E-05	0.000605
5.19E-05	0.000216	4.84E-05	
224	0.000472	3.18E-05	5.31E-05
3.60E-05	0.000215	5.96E-05	
225	0.000474	4.77E-05	0.000105
4.74E-05	0.000995	0.000116	
226	0.000585	6.24E-05	0.000645
7.18E-05	0.001059	9.80E-05	
227	0.000585	9.06E-05	0.001785
0.000322	0.001005	0.000103	
228	0.000586	0.000115	0.002805
0.000501	0.000835	8.35E-05	
229	0.000586	0.000129	0.003653
0.000616	0.000623	6.44E-05	
230	0.000587	0.000130	0.004268
0.000672	0.000407	4.99E-05	
231	0.000587	0.000117	0.004587
0.000668	0.000258	4.31E-05	
232	0.000587	9.24E-05	0.004535
0.000604	0.000244	4.67E-05	
233	0.000587	6.00E-05	0.004043
0.000485	0.000324	5.37E-05	
234	0.000587	2.92E-05	0.003049
0.000324	0.000422	6.25E-05	
235	0.000586	2.20E-05	0.001475
0.000147	0.000463	6.45E-05	
236	0.000586	3.29E-05	7.26E-05
4.34E-05	0.000549	6.62E-05	
237	0.000585	4.73E-05	0.001919
6.80E-05	0.000703	8.09E-05	
238	0.000584	7.18E-05	0.004091
0.000216	0.000768	9.05E-05	
239	0.000583	9.60E-05	0.005628
0.000261	0.000721	8.46E-05	
240	0.000583	0.000113	0.006577
0.000480	0.000589	7.32E-05	
241	0.000583	0.000120	0.006944
0.000548	0.000462	6.23E-05	
242	0.000583	0.000114	0.006768
0.000559	0.000378	5.65E-05	
243	0.000584	0.000106	0.006291
0.000511	0.000380	5.40E-05	
244	0.000586	6.94E-05	0.005309
0.000405	0.000456	5.40E-05	
245	0.000587	3.62E-05	0.003807
0.000259	0.000534	5.49E-05	
246	0.000598	9.00E-06	0.001760
0.000101	0.000560	5.03E-05	
247	0.000589	9.13E-06	6.61E-05
2.58E-05	0.000632	4.88E-05	
248	0.000590	2.75E-05	0.001626
7.52E-05	0.000767	5.74E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1003.OUT

Page 260

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000591	5.92E-05	0.003483
0.000229	0.000805	6.03E-05	
250	0.000592	9.09E-05	0.004813
0.000378	0.000732	5.31E-05	
251	0.000592	0.000115	0.005652
0.000489	0.000578	4.44E-05	
252	0.000593	0.000128	0.006001
0.000546	0.000445	4.66E-05	
253	0.000593	0.000128	0.005999
0.000546	0.000359	5.13E-05	
254	0.000594	0.000116	0.005648
0.000488	0.000358	5.86E-05	
255	0.000594	9.18E-05	0.004808
0.000376	0.000425	6.73E-05	
256	0.000595	6.10E-05	0.003478
0.000228	0.000504	7.73E-05	
257	0.000596	3.05E-05	0.001622
7.39E-05	0.000524	7.91E-05	
258	0.000596	1.30E-05	6.64E-05
2.56E-05	0.000592	8.01E-05	
259	0.000597	3.91E-06	0.001759
9.92E-05	0.000723	9.53E-05	
260	0.000598	2.62E-05	0.003803
0.000257	0.000756	0.000104	
261	0.000599	5.39E-05	0.005303
0.000403	0.000680	9.54E-05	
262	0.000599	7.58E-05	0.006285
0.000509	0.000528	7.96E-05	
263	0.000599	8.72E-05	0.006765
0.000557	0.000410	5.93E-05	
264	0.000599	8.65E-05	0.006941
0.000547	0.000349	4.18E-05	
265	0.000598	7.41E-05	0.006575
0.000479	0.000373	2.98E-05	
266	0.000596	5.48E-05	0.005627
0.000361	0.000455	5.28E-05	
267	0.000594	3.37E-05	0.004092
0.000216	0.000558	4.12E-05	
268	0.000592	2.39E-05	0.001920
6.77E-05	0.000599	4.61E-05	
269	0.000591	2.61E-05	7.14E-05
4.33E-05	0.000678	5.23E-05	
270	0.000589	3.93E-05	0.001474
0.000147	0.000817	6.91E-05	
271	0.000588	6.89E-05	0.003049
0.000324	0.000854	8.23E-05	
272	0.000587	0.000106	0.004042
0.000485	0.000771	8.10E-05	
273	0.000586	0.000160	0.004535
0.000604	0.000602	7.34E-05	
274	0.000586	0.000160	0.004586
0.000668	0.000435	6.50E-05	
275	0.000586	0.000169	0.004268
0.000672	0.000348	5.86E-05	
276	0.000586	0.000163	0.003652
0.000516	0.000354	5.80E-05	
277	0.000586	0.000143	0.002806
0.000501	0.000374	6.01E-05	
278	0.000587	0.000112	0.001788
0.000322	0.000387	6.24E-05	
279	0.000588	7.75E-05	0.000649
7.20E-05	0.000311	5.22E-05	
280	0.000588	6.33E-05	0.000105
4.85E-05	0.000248	6.18E-05	
281	0.000597	1.29E-05	.000000
4.85E-05	0.000524	1.15E-06	
282	0.000547	1.71E-05	.000000
5.72E-05	0.000304	5.61E-06	
283	0.000759	.000000	.000000
3.77E-05	0.000572	5.84E-06	.000000
284	.000000	.000000	.000000
2.70E-05	0.000335	5.40E-06	
285	0.000768	3.99E-05	.000000
2.24E-05	0.000407	5.44E-06	
286	0.000544	1.08E-05	.000000
4.37E-05	0.000298	1.19E-05	
287	0.000718	6.87E-05	.000000
8.85E-05	0.000782	4.38E-06	
288	0.000766	1.71E-05	.000000
6.66E-05	0.000406	1.27E-06	
289	0.000975	.000000	.000000
4.20E-05	0.000482	2.79E-06	
290	0.000805	.000000	.000000
2.49E-05	0.000443	1.91E-06	
291	0.001002	5.21E-05	.000000
1.62E-05	0.000528	2.57E-06	
292	0.000886	6.89E-05	.000000
4.72E-05	0.000230	2.40E-06	
293	0.000854	7.46E-05	.000000
0.000282	0.000048	1.35E-05	
294	0.000981	3.22E-05	.000000
0.000111	0.000507	7.18E-06	
295	0.001200	4.26E-05	.000000
0.000152	0.000576	9.14E-06	
296	2.70E-06	8.90E-05	.000000
5.04E-05	0.000556	7.97E-06	
297	0.001173	0.000366	.000000
1.81E-05	0.000647	9.62E-06	
298	0.001211	0.000329	.000000
8.38E-05	0.000262	2.19E-06	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1003.OUT

Page 261

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-2 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000477	-4.58E-05	-8.76E-09
-1.77E-05	-0.000207	-1.17E-05	
2	-0.000475	-6.73E-05	-0.001429
-1.48E-05	-0.000205	-1.14E-05	
3	-0.000471	-0.000113	-0.003861
-1.92E-05	-0.000191	-9.83E-06	
4	-0.000467	-0.000154	-0.005868
-3.00E-05	-0.000164	-8.24E-06	
5	-0.000465	-0.000183	-0.007270
-4.41E-05	-0.000127	-6.04E-06	
6	-0.000463	-0.000198	-0.007935
-5.90E-05	-7.66E-05	-3.75E-06	
7	-0.000463	-0.000198	-0.007805
-7.29E-05	-7.85E-05	-1.93E-06	
8	-0.000464	-0.000183	-0.006922
-8.37E-05	-0.000058	-7.15E-07	
9	-0.000466	-0.000156	-0.005419
-8.67E-05	-0.000322	-4.61E-07	
10	-0.000467	-0.000122	-0.003518
-7.55E-05	-0.000389	-1.88E-06	
11	-0.000469	-8.97E-05	-0.001444
-4.41E-05	-0.000411	-3.76E-06	
12	-0.000469	-7.15E-05	-2.52E-08
-1.10E-05	-0.000404	-5.44E-06	
13	-0.000470	-6.37E-05	-0.001083
-1.63E-05	-0.000381	-8.09E-06	
14	-0.000470	-8.21E-05	-0.002667
-5.70E-05	-0.000319	-8.86E-06	
15	-0.000470	-0.000105	-0.004138
-8.69E-05	-0.000236	-8.63E-06	
16	-0.000469	-0.000147	-0.005302
-0.000103	-0.000156	-5.96E-06	
17	-0.000468	-0.000165	-0.005960
-0.000110	-8.54E-05	-3.96E-06	
18	-0.000467	-0.000168	-0.006006
-0.000112	-7.64E-05	-3.07E-06	
19	-0.000467	-0.000156	-0.005426
-0.000112	-0.000163	-7.36E-07	
20	-0.000466	-0.000128	-0.004306
-0.000103	-0.000257	-6.09E-07	
21	-0.000465	-9.06E-05	-0.002828
-8.03E-05	-0.000315	-2.15E-06	
22	-0.000464	-5.48E-05	-0.001174
-3.94E-05	0.000336	-4.09E-06	
23	-0.000463	-4.53E-05	-2.39E-08
-1.14E-05	-0.000332	-5.39E-06	
24	-0.000462	-5.08E-05	-0.001308
-2.45E-05	-0.000316	-7.54E-06	
25	-0.000460	-8.23E-05	-0.003152
-6.41E-05	-0.000267	-8.18E-06	
26	-0.000459	-0.000118	-0.004804
-8.92E-05	-0.000205	-7.03E-06	
27	-0.000458	-0.000147	-0.006070
-0.000101	-0.000139	-5.37E-06	
28	-0.000456	-0.000163	-0.006754
-0.000104	-8.92E-05	-3.71E-06	
29	-0.000455	-0.000177	-0.006755
-0.000104	-0.000107	-2.12E-06	
30	-0.000454	-0.000147	-0.006075
-0.000101	-0.000205	-1.16E-06	
31	-0.000453	-0.000119	-0.004811
-8.86E-05	-0.000303	-1.37E-06	
32	-0.000451	-8.25E-05	-0.003160
-6.40E-05	-0.000393	-1.77E-06	
33	-0.000449	-5.09E-05	-0.001313
-2.50E-05	-0.000379	-4.50E-06	
34	-0.000448	-4.54E-05	-2.39E-08
-1.16E-05	-0.000373	-5.80E-06	
35	-0.000448	-5.58E-05	-0.001179
-3.79E-05	-0.000457	-5.94E-06	
36	-0.000449	-9.08E-05	-0.002838
-7.85E-05	-0.000299	-8.40E-06	
37	-0.000450	-0.000128	-0.004317
-0.000101	-0.000236	-7.07E-06	
38	-0.000450	-0.000157	-0.005436
-0.000110	-0.000161	-5.33E-06	
39	-0.000452	-0.000174	-0.006015
-0.000110	-0.000102	-3.62E-06	
40	-0.000452	-0.000171	-0.005968
-0.000109	-0.000120	-2.04E-06	
41	-0.000453	-0.000155	-0.005308
-0.000102	-0.000209	-1.04E-06	
42	-0.000453	-0.000125	-0.004142
-8.47E-05	-0.000287	-8.72E-06	
43	-0.000454	-9.05E-05	-0.002669
-5.45E-05	-0.000323	-2.68E-06	
44	-0.000454	-6.46E-05	-0.001084
-1.40E-05	-0.000321	-4.50E-06	
45	-0.000455	-5.99E-05	-2.42E-08
-1.04E-05	-0.000303	-5.64E-06	
46	-0.000457	-7.10E-05	-0.001445
-4.44E-05	-0.000274	-7.72E-06	
47	-0.000459	-0.000104	-0.003519
-7.55E-05	-0.000211	-8.46E-06	
48	-0.000462	-0.000143	-0.005420
-8.65E-05	-0.000137	-7.56E-06	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1003.OUT

Page 262

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000464	-0.000175	-0.006923
-8.38E-05	-6.01E-05	-6.44E-06	
50	-0.000466	-0.000195	-0.007807
-7.34E-05	-5.35E-06	-4.82E-06	
51	-0.000466	-0.000202	-0.007937
-5.95E-05	-0.000107	-3.01E-06	
52	-0.000466	-0.000193	-0.007272
-4.48E-05	-0.000259	-1.37E-06	
53	-0.000464	-0.000168	-0.005869
-3.11E-05	-0.000387	-1.04E-06	
54	-0.000461	-0.000128	-0.003862
-2.07E-05	-0.000482	-1.06E-06	
55	-0.000458	-8.10E-05	-0.001430
-1.76E-05	-0.000525	-1.37E-06	
56	-0.000459	-5.72E-05	-9.05E-09
-2.11E-05	-0.000525	-1.49E-06	
57	-0.000579	-6.22E-05	-1.93E-07
-6.89E-05	-0.000227	-3.23E-06	
58	-0.000580	-5.25E-05	-0.002144
-1.66E-05	-0.000225	-2.91E-06	
59	-0.000580	-4.15E-05	-0.005721
-1.61E-05	-0.000211	-1.85E-06	
60	-0.000580	-3.69E-05	-0.008579
-3.34E-05	-0.000183	-1.36E-06	
61	-0.000580	-3.42E-05	-0.010516
-5.29E-05	-0.000146	-1.44E-06	
62	-0.000580	-3.25E-05	-0.011378
-7.41E-05	-0.000105	-1.85E-06	
63	-0.000579	-3.38E-05	-0.011106
-9.52E-05	-0.000159	-2.24E-06	
64	-0.000579	-3.81E-05	-0.009767
-0.000113	-0.000320	-2.51E-06	
65	-0.000578	-4.64E-05	-0.007565
-0.000122	-0.000473	-2.59E-06	
66	-0.000576	-5.78E-05	-0.004828
-0.000112	-0.000559	-2.82E-06	
67	-0.000576	-7.08E-05	-0.001923
-7.19E-05	-0.000566	-2.84E-06	
68	-0.000576	-7.81E-05	-4.40E-07
-2.33E-05	-0.000525	-2.08E-06	
69	-0.000578	-8.01E-05	-0.001507
-3.13E-05	-0.000463	-2.18E-06	
70	-0.000575	-7.99E-05	-0.003827
-9.05E-05	-0.000360	-1.74E-06	
71	-0.000575	-7.94E-05	-0.006026
-0.000125	-0.000256	-1.23E-06	
72	-0.000575	-7.77E-05	-0.007767
-0.000140	-0.000168	-1.19E-06	
73	-0.000575	-7.30E-05	-0.008742
-0.000144	-0.000113	-1.32E-06	
74	-0.000576	-6.56E-05	-0.008789
-0.000144	-0.000144	-1.64E-06	
75	-0.000576	-5.80E-05	-0.007899
-0.000147	-0.000255	-2.03E-06	
76	-0.000578	-4.96E-05	-0.006208
-0.000140	-0.000391	-2.42E-06	
77	-0.000577	-4.46E-05	-0.004004
-0.000115	-0.000468	-3.02E-06	
78	-0.000577	-4.49E-05	-0.001608
-6.07E-05	-0.000476	-3.20E-06	
79	-0.000578	-5.05E-05	-4.27E-07
-7.45E-06	-0.000442	-2.24E-06	
80	-0.000578	-5.22E-05	-0.001746
-4.31E-05	-0.000390	-2.16E-06	
81	-0.000578	-5.26E-05	-0.004333
-9.82E-05	-0.000304	-1.98E-06	
82	-0.000578	-5.50E-05	-0.006712
-0.000126	-0.000224	-1.63E-06	
83	-0.000578	-5.78E-05	-0.008551
-0.000136	-0.000150	-1.34E-06	
84	-0.000578	-5.89E-05	-0.009545
-0.000136	-0.000120	-1.41E-06	
85	-0.000578	-5.85E-05	-0.009545
-0.000135	-0.000179	-1.45E-06	
86	-0.000578	-5.75E-05	-0.008551
-0.000135	-0.000306	-1.58E-06	
87	-0.000578	-5.48E-05	-0.006712
-0.000124	-0.000443	-2.16E-06	
88	-0.000578	-5.26E-05	-0.004333
-9.63E-05	-0.000517	-3.01E-06	
89	-0.000579	-5.27E-05	-0.001746
-4.17E-05	-0.000521	-3.33E-06	
90	-0.000579	-5.15E-05	-4.28E-07
-8.36E-06	-0.000482	-2.38E-06	
91	-0.000579	-4.60E-05	-0.001608
-6.08E-05	-0.000426	-2.42E-06	
92	-0.000579	-4.35E-05	-0.004004
-0.000114	-0.000334	-2.24E-06	
93	-0.000580	-4.41E-05	-0.006207
-0.000138	-0.000256	-1.69E-06	
94	-0.000580	-4.64E-05	-0.007898
-0.000146	-0.000173	-1.52E-06	
95	-0.000580	-4.84E-05	-0.008789
-0.000143	-0.000138	-1.46E-06	
96	-0.000580	-4.91E-05	-0.008742
-0.000144	-0.000196	-1.40E-06	
97	-0.000580	-4.93E-05	-0.007767
-0.000140	-0.000317	-1.44E-06	
98	-0.000580	-4.96E-05	-0.006026
-0.000126	-0.000433	-1.79E-06	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1003.OUT

Page 263

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000579	-5.28E-05	-0.003827
-9.20E-05	-0.000483	-2.42E-06	
100	-0.000578	-5.82E-05	-0.001507
-3.33E-05	-0.000462	-2.52E-06	
101	-0.000578	-6.14E-05	-4.42E-07
-2.23E-05	-0.000408	-1.83E-06	
102	-0.000577	-6.12E-05	-0.001924
-7.12E-05	-0.000338	-1.99E-06	
103	-0.000576	-5.92E-05	-0.004829
-0.000111	-0.000235	-1.84E-06	
104	-0.000575	-5.04E-05	-0.007566
-0.000121	-0.000137	-1.46E-06	
105	-0.000575	-6.30E-05	-0.009767
-0.000112	-4.88E-05	-1.11E-06	
106	-0.000574	-6.51E-05	-0.011106
-9.47E-05	-2.72E-05	-7.89E-07	
107	-0.000574	-6.60E-05	-0.011379
-7.38E-05	-0.000160	-6.95E-07	
108	-0.000574	-6.63E-05	-0.010516
-5.27E-05	-0.000361	-8.79E-07	
109	-0.000574	-6.60E-05	-0.008579
-3.31E-05	-0.000547	-1.39E-06	
110	-0.000575	-6.73E-05	-0.005721
-1.51E-05	-0.000697	-2.22E-06	
111	-0.000575	-7.46E-05	-0.002144
-1.44E-05	-0.000779	-3.85E-06	
112	-0.000576	-8.23E-05	-1.93E-07
-6.70E-05	-0.000784	-4.35E-06	
113	-0.000688	-7.21E-05	-3.88E-07
-9.13E-05	-0.000250	-1.97E-06	
114	-0.000681	-6.77E-05	-0.002875
-9.42E-05	-0.000248	-1.97E-06	
115	-0.000697	-6.18E-05	-0.007614
-9.88E-05	-0.000231	-1.91E-06	
116	-0.000700	-5.90E-05	-0.011328
-9.94E-05	-0.000202	-1.78E-06	
117	-0.000703	-5.91E-05	-0.013796
-9.86E-05	-0.000163	-1.66E-06	
118	-0.000703	-6.02E-05	-0.014851
-0.000101	-0.000153	-3.52E-06	
119	-0.000702	-6.22E-05	-0.014432
-0.000110	-0.000271	-6.41E-06	
120	-0.000700	-6.33E-05	-0.012640
-0.000120	-0.000461	-9.31E-06	
121	-0.000697	-6.20E-05	-0.009740
-0.000124	-0.000648	-1.14E-05	
122	-0.000693	-5.83E-05	-0.006161
-0.000113	-0.000745	-1.18E-05	
123	-0.000690	-6.01E-05	-0.002414
-7.84E-05	-0.000729	-1.06E-05	
124	-0.000688	-7.43E-05	-8.99E-07
-5.46E-05	-0.000649	-8.92E-06	
125	-0.000687	-9.64E-05	-0.001941
-6.35E-05	-0.000542	-6.94E-06	
126	-0.000686	-0.000118	-0.005011
-0.000109	-0.000396	-4.13E-06	
127	-0.000686	-0.000127	-0.007944
-0.000144	-0.000473	-2.92E-06	
128	-0

153	-0.000710	-8.12E-05	-0.010259
-0.000158	-0.000410	-7.13E-06	
154	-0.000708	-7.71E-05	-0.007941
-0.000143	-0.000566	-9.08E-06	
155	-0.000707	-7.23E-05	-0.005009
-0.000108	-0.000637	-1.00E-05	
156	-0.000704	-6.16E-05	-0.001940
-6.27E-05	-0.000603	-9.26E-06	
157	-0.000702	-5.91E-05	-8.98E-07
-5.38E-05	-0.000516	-7.94E-06	
158	-0.000699	-7.39E-05	-0.002413
-7.81E-05	-0.000408	-6.33E-06	
159	-0.000695	-9.12E-05	-0.006160
-0.000113	-0.000264	-4.02E-06	
160	-0.000690	-0.000101	-0.009740
-0.000124	-0.000143	-2.20E-06	
161	-0.000686	-0.000104	-0.012639
-0.000120	-4.28E-05	-9.55E-07	
162	-0.000683	-0.000104	-0.014431
-0.000110	-4.63E-05	-8.44E-07	
163	-0.000681	-0.000101	-0.014852
-0.000101	-0.000195	-2.22E-06	
164	-0.000681	-9.64E-05	-0.013796
-9.88E-05	-0.000428	-5.14E-06	
165	-0.000683	-9.30E-05	-0.011328
-0.000100	-0.000677	-8.06E-06	
166	-0.000687	-9.12E-05	-0.007614
-9.94E-05	-0.000897	-1.22E-05	
167	-0.000693	-9.23E-05	-0.002875
-9.55E-05	-0.001042	-1.40E-05	
168	-0.000696	-9.43E-05	-3.89E-07
-9.29E-05	-0.001063	-1.43E-05	
169	-0.000695	-3.85E-05	-6.05E-05
-0.000185	-0.000214	-4.56E-05	
170	-0.000524	-5.09E-05	-0.001790
-2.03E-05	-0.000215	-3.69E-05	
171	-0.000522	-7.60E-05	-0.004707
-1.56E-05	-0.000203	-4.32E-05	
172	-0.000520	-9.69E-05	-0.007075
-3.25E-05	-0.000177	-4.20E-05	
173	-0.000519	-0.000112	-0.008704
-5.13E-05	-0.000140	-4.08E-05	
174	-0.000519	-0.000120	-0.009446
-7.15E-05	-9.21E-05	-3.99E-05	
175	-0.000519	-0.000122	-0.009255
-9.26E-05	-0.000111	-4.26E-05	
176	-0.000519	-0.000117	-0.008174
-0.000113	-0.000258	-5.93E-05	
177	-0.000520	-0.000106	-0.006365
-0.000129	-0.000390	-7.11E-05	
178	-0.000521	-9.09E-05	-0.004097
-0.000133	-0.000467	-7.60E-05	
179	-0.000521	-7.52E-05	-0.001661
-0.000108	-0.000484	-7.31E-05	
180	-0.000522	-6.71E-05	-3.30E-05
-6.21E-05	-0.000462	-6.53E-05	
181	-0.000522	-6.27E-05	-0.001269
-7.41E-05	-0.000423	-6.73E-05	
182	-0.000521	-7.03E-05	-0.003168
-0.000116	-0.000345	-6.62E-05	
183	-0.000521	-8.84E-05	-0.004953
-0.000133	-0.000251	-5.88E-05	
184	-0.000521	-0.000103	-0.006366
-0.000138	-0.000167	-5.12E-05	
185	-0.000521	-0.000111	-0.007155
-0.000138	-0.000101	-4.71E-05	
186	-0.000521	-0.000112	-0.007202
-0.000138	-0.000105	-4.65E-05	
187	-0.000521	-0.000105	-0.006493
-0.000145	-0.000205	-4.91E-05	
188	-0.000521	-8.99E-05	-0.005127
-0.000145	-0.000319	-5.08E-05	
189	-0.000520	-9.61E-05	-0.003337
-0.000135	-0.000384	-5.03E-05	
190	-0.000520	-4.82E-05	-0.001365
-9.77E-05	-0.000400	-4.21E-05	
191	-0.000519	-4.22E-05	-2.68E-05
-5.63E-05	-0.000382	-3.41E-05	
192	-0.000519	-4.63E-05	-0.001497
-8.07E-05	-0.000352	-3.13E-05	
193	-0.000518	-6.45E-05	-0.003659
-0.000119	-0.000289	-2.48E-05	
194	-0.000518	-8.42E-05	-0.005626
-0.000132	-0.000219	-1.85E-05	
195	-0.000517	-0.000100	-0.007139
-0.000133	-0.000149	-1.72E-05	
196	-0.000517	-0.000107	-0.007952
-0.000130	-0.000105	-2.85E-05	
197	-0.000517	-0.000107	-0.007953
-0.000129	-0.000140	-4.58E-05	
198	-0.000517	-9.91E-05	-0.007142
-0.000132	-0.000253	-6.42E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000051	-8.36E-05	-0.005630
-0.000130	-0.000369	-7.81E-05	
200	-0.000516	-6.39E-05	-0.003665
-0.000117	-0.000432	-8.65E-05	
201	-0.000515	-4.59E-05	-0.001501
-7.95E-05	-0.000442	-8.18E-05	
202	-0.000515	-4.22E-05	-2.72E-05
-5.64E-05	-0.000421	-7.36E-05	
203	-0.000515	-4.90E-05	-0.001366
-9.67E-05	-0.000386	-7.57E-05	
204	-0.000515	-6.95E-05	-0.003340
-0.000133	-0.000318	-7.34E-05	
205	-0.000515	-9.04E-05	-0.005132
-0.000143	-0.000249	-6.40E-05	
206	-0.000516	-0.000106	-0.006498
-0.000143	-0.000170	-5.42E-05	
207	-0.000516	-0.000114	-0.007207
-0.000137	-0.000120	-4.40E-05	
208	-0.000516	-0.000113	-0.007158
-0.000137	-0.000157	-3.48E-05	
209	-0.000516	-0.000104	-0.006368
-0.000137	-0.000263	-2.74E-05	
210	-0.000516	-8.88E-05	-0.004955
-0.000132	-0.000357	-3.03E-05	
211	-0.000516	-7.19E-05	-0.003168
-0.000116	-0.000397	-3.46E-05	
212	-0.000516	-5.90E-05	-0.001268
-7.42E-05	-0.000383	-3.32E-05	
213	-0.000516	-5.62E-05	-3.17E-05
-6.21E-05	-0.000346	-2.95E-05	
214	-0.000517	-6.24E-05	-0.001664
-0.000108	-0.000299	-3.10E-05	
215	-0.000518	-8.01E-05	-0.004100
-0.000133	-0.000223	-3.24E-05	
216	-0.000518	-9.95E-05	-0.006367
-0.000129	-0.000140	-3.23E-05	
217	-0.000520	-0.000116	-0.008176
-0.000113	-5.88E-05	-3.39E-05	
218	-0.000521	-0.000126	-0.009257
-9.26E-05	-1.71E-05	-3.70E-05	
219	-0.000521	-0.000129	-0.009447
-7.16E-05	-0.000139	-4.60E-05	
220	-0.000521	-0.000126	-0.008705
-5.16E-05	-0.000314	-6.06E-05	
221	-0.000521	-0.000114	-0.007075
-3.29E-05	-0.000467	-7.61E-05	
222	-0.000520	-9.36E-05	-0.004705
-1.61E-05	-0.000580	-9.17E-05	
223	-0.000519	-6.79E-05	-0.001788
-2.03E-05	-0.000632	-8.45E-05	
224	-0.000518	-5.60E-05	-6.08E-05
-0.000185	-0.000620	-0.000106	
225	-0.000632	-6.23E-05	-0.000129
-0.000229	-0.000249	-4.55E-05	
226	-0.000634	-5.54E-05	-0.002518
-6.58E-05	-0.000312	-3.94E-05	
227	-0.000637	-4.83E-05	-0.006762
-6.02E-05	-0.000388	-4.83E-05	
228	-0.000640	-4.56E-05	-0.010114
-6.11E-05	-0.000374	-4.73E-05	
229	-0.000642	-4.46E-05	-0.012376
-6.62E-05	-0.000354	-4.67E-05	
230	-0.000642	-4.43E-05	-0.013364
-8.18E-05	-0.000348	-5.00E-05	
231	-0.000642	-4.46E-05	-0.013003
232	-0.000640	-4.40E-05	-0.011393
-0.000124	-0.000602	-7.77E-05	
233	-0.000638	-4.20E-05	-0.008791
-0.000144	-0.000770	-9.33E-05	
234	-0.000636	-4.26E-05	-0.005582
-0.000154	-0.000854	-0.000101	
235	-0.000634	-5.61E-05	-0.002201
-0.000123	-0.000817	-9.16E-05	
236	-0.000633	-7.45E-05	-0.000110
-7.64E-05	-0.000678	-7.60E-05	
237	-0.000637	-8.76E-05	-0.001761
-9.48E-05	-0.000599	-7.57E-05	
238	-0.000631	-0.000100	-0.004510
-0.000139	-0.000558	-7.53E-05	
239	-0.000631	-0.000105	-0.007125
-0.000150	-0.000455	-6.67E-05	
240	-0.000631	-0.000105	-0.009211
-0.000153	-0.000373	-5.82E-05	
241	-0.000632	-0.000100	-0.010378
-0.000152	-0.000349	-5.55E-05	
242	-0.000632	-9.00E-05	-0.010427
-0.000151	-0.000410	-5.93E-05	
243	-0.000633	-7.99E-05	-0.009346
-0.000159	-0.000528	-6.53E-05	
244	-0.000634	-6.86E-05	-0.007315
-0.000161	-0.000680	-7.02E-05	
245	-0.000635	-5.42E-05	-0.004698
-0.000151	-0.000756	-7.11E-05	
246	-0.000636	-3.95E-05	-0.001870
-0.000108	-0.000724	-5.96E-05	
247	-0.000637	-4.21E-05	-0.000111
-6.27E-05	-0.000592	-4.86E-05	
248	-0.000638	-5.36E-05	-0.002012
-8.85E-05	-0.000525	-3.99E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000639	-6.65E-05	-0.005032
-0.000134	-0.000504	-3.64E-05	
250	-0.000640	-7.50E-05	-0.007824
-0.000148	-0.000425	-2.96E-05	
251	-0.000640	-7.96E-05	-0.010003
-0.000149	-0.000357	-2.79E-05	
252	-0.000641	-8.07E-05	-0.011188
-0.000144	-0.000359	-4.16E-05	
253	-0.000641	-8.05E-05	-0.011187
-0.000143	-0.000445	-6.06E-05	
254	-0.000642	-7.99E-05	-0.010000
-0.000147	-0.000578	-8.21E-05	
255	-0.000643	-7.60E-05	-0.007819
-0.000146	-0.000732	-9.87E-05	
256	-0.000644	-6.83E-05	-0.005026
-0.000132	-0.000805	-0.000108	
257	-0.000644	-5.66E-05	-0.002007
-8.72E-05	-0.000766	-9.91E-05	
258	-0.000645	-4.57E-05	-0.000112
-6.25E-05	-0.000631	-8.38E-05	
259	-0.000645	-3.38E-05	-0.001868
-0.000107	-0.000559	-8.31E-05	
260	-0.000646	-4.35E-05	-0.004694
-0.000149	-0.000634	-8.66E-05	
261	-0.000646	-5.22E-05	-0.007309
-0.000159	-0.000456	-7.10E-05	
262	-0.000646	-5.79E-05	-0.009341
-0.000157	-0.000380	-6.17E-05	
263	-0.000646	-6.19E-05	-0.010423
-0.000150	-0.000378	-5.37E-05	
264	-0.000647	-6.34E-05	-0.010374
-0.000151	-0.000462	-4.81E-05	
265	-0.000645	-6.25E-05	-0.009208
-0.000153	-0.000589	-4.46E-05	
266	-0.000644	-6.05E-05	-0.007124
-0.000150	-0.000721	-5.16E-05	
267	-0.000643	-5.85E-05	-0.004510
-0.000139	-0.000768	-5.67E-05	
268	-0.000641	-5.69E-05	-0.001762
-9.44E-05	-0.000703	-5.23E-05	
269	-0.000640	-5.80E-05	-0.000107
-7.61E-05	-0.000549	-4.26E-05	
270	-0.000638	-6.40E-05	-0.002199
-0.000122	-0.000463	-4.24E-05	
271	-0.000635	-7.33E-05	-0.005581
-0.000154	-0.000423	-4.49E-05	
272	-0.000632	-8.04E-05	-0.008790
-0.000144	-0.000324	-4.31E-05	
273	-0.000630	-8.39E-05	-0.011392
-0.000123	-0.000244	-4.38E-05	
274	-0.000628	-8.46E-05	-0.013003
-0.000102	-0.000258	-4.82E-05	
275	-0.000627	-8.31E-05	-0.013364
-8.17E-05	-0.000407	-5.84E-05	
276	-0.000628	-8.04E-05	-0.012376
-6.62E-05	-0.000623	-7.51E-05	
277	-0.000629	-7.76E-05	-0.010115
-6.13E-05	-0.000835	-9.66E-05	
278	-0.000632	-7.58E-05	-0.006764
-6.01E-05	-0.001005	-0.000114	
279	-0.000636	-7.85E-05	-0.002520
-6.60E-05	-0.001059	-0.000108	
280	-0.000638	-8.31E-05	-0.000126
-0.000229	-0.000994	-0.000127	
281	-0.000637	-7.90E-05	.000000
-1.86E-05	-0.000207	-1.17E-05	
282	-0.000461	-1.45E-05	.000000
-4.88E-06	-0.000402	-5.44E-06	
283	-0.000902	.000000	.000000
-1.13E-05	-0.000332	-5.39E-06	
284	.000000	.000000	.000000
-1.29E-08	-0.000373	-5.80E-06	
285	-0.000889	-4.63E-05	.000000
8.93E-23	-0.000302	-5.64E-06	
286	-0.000284	-5.65E-06	.000000
-8.01E-06	-0.000525	-1.49E-06	
287	-0.001329	-3.71E-05	.000000
-4.40E-05	-0.000226	-3.09E-06	
288	-0.000657	-1.99E-05	.000000
-2.81E-05	-0.000525	-2.08E-06	
289	-0.001141	.000000	.000000
-7.44E-06	-0.000442	-2.24E-06	
290	.000000	.000000	.000000
-5.77E-22	-0.000482	-2.38E-06	
291	-0.001193	-5.87E-05	.000000
-1.91E-21	-0.000407	-1.83E-06	
292	-0.000392	-3.05E-05	.000000
-5.39E-22	-0.000783	-4.35E-06	
293	-0.001715	-1.09E-20	.000000
-8.92E-05	-0.000243	-1.97E-06	
294	-0.000855	-5.04E-05	.000000
-0.000107	-0.000483	-2.66E-06	
295	-0.001377	-1.27E-05	.000000
-0.000128	-0.000541	-8.59E-06	
296	-2.31E-06	-0.000104	.000000
-4.02E-05	-0.000596	-8.46E-06	
297	-0.001300	-0.000400	.000000
-2.80E-05	-0.000510	-7.94E-06	
298	-0.000483	-0.000185	.000000
4.10E-21	-0.001050	-1.43E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-3 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000627	3.61E-05	4.73E-08
5.16E-05	0.000846	3.52E-06	
2	0.000627	3.19E-05	0.000816
0.000112	0.000840	3.12E-06	
3	0.000627	3.35E-05	0.002229
0.000254	0.000755	1.96E-06	
4	0.000627	3.49E-05	0.003484
0.000378	0.000592	1.71E-06	
5	0.000626	3.48E-05	0.004507
0.000462	0.000383	1.98E-06	
6	0.000626	3.39E-05	0.005216
0.000507	0.000152	2.83E-06	
7	0.000625	3.38E-05	0.005524
0.000509	1.01E-05	4.33E-06	
8	0.000625	3.36E-05	0.005350
0.000468	8.25E-05	5.75E-06	
9	0.000624	3.41E-05	0.004633
0.000386	0.000194	6.52E-06	
10	0.000624	3.28E-05	0.003357
0.000275	0.000308	6.97E-06	
11	0.000624	2.70E-05	0.001539
0.000152	0.000411	6.28E-06	
12	0.000624	1.84E-05	7.74E-08
8.35E-05	0.000467	5.44E-06	
13	0.000625	1.29E-05	0.002068
8.97E-05	0.000506	5.68E-06	
14	0.000625	1.86E-05	0.004616
0.000189	0.000516	4.21E-06	
15	0.000626	2.59E-05	0.006556
0.000293	0.000458	2.52E-06	
16	0.000627	2.96E-05	0.007821
0.000376	0.000330	2.04E-06	
17	0.000626	3.10E-05	0.008352
0.000424	0.000194	2.64E-06	
18	0.000626	3.21E-05	0.008167
0.000431	0.000157	4.13E-06	
19	0.000625	3.19E-05	0.007472
0.000396	0.000231	5.90E-06	
20	0.000624	2.61E-05	0.006181
0.000321	0.000337	7.29E-06	
21	0.000623	2.00E-05	0.004297
0.000219	0.000431	8.23E-06	
22	0.000622	9.47E-06	0.001901
0.000108	0.000522	7.81E-06	
23	0.000621	1.27E-06	1.09E-07
5.79E-05	0.000564	6.57E-06	
24	0.000621	1.86E-05	0.001717
9.12E-05	0.000586	5.96E-06	
25	0.000620	3.19E-05	0.003862
0.000200	0.000568	4.14E-06	
26	0.000619	4.35E-05	0.005522
0.000305	0.000482	2.39E-06	
27	0.000619	4.95E-05	0.006630
0.000385	0.000329	1.73E-06	
28	0.000618	5.14E-05	0.007124
0.000426	0.000180	2.36E-06	
29	0.000617	5.07E-05	0.007127
0.000426	0.000136	3.69E-06	
30	0.000616	4.79E-05	0.006635
0.000384	0.000195	5.12E-06	
31	0.000616	4.16E-05	0.005528
0.000305	0.000290	6.52E-06	
32	0.000615	3.00E-05	0.003868
0.000199	0.000386	7.25E-06	
33	0.000614	1.73E-05	0.001721
9.16E-05	0.000471	6.71E-06	
34	0.000613	1.30E-05	1.09E-07
5.79E-05	0.000511	5.52E-06	
35	0.000613	1.05E-05	0.001906
0.000107	0.000529	5.17E-06	
36	0.000613	2.06E-05	0.004305
0.000217	0.000507	4.64E-06	
37	0.000613	2.75E-05	0.006190
0.000320	0.000422	1.76E-06	
38	0.000613	2.96E-05	0.007481
0.000394	0.000275	1.32E-06	
39	0.000613	2.86E-05	0.008174
0.000429	0.000140	2.15E-06	
40	0.000613	2.64E-05	0.008359
0.000422	0.000129	3.70E-06	
41	0.000614	2.50E-05	0.007827
0.000374	0.000216	5.24E-06	
42	0.000616	2.20E-05	0.006561
0.000291	0.000331	6.70E-06	
43	0.000618	1.95E-05	0.004620
0.000186	0.000456	7.49E-06	
44	0.000619	2.17E-05	0.002069
8.68E-05	0.000563	7.08E-06	
45	0.000620	2.69E-05	7.62E-08
8.42E-05	0.000613	6.31E-06	
46	0.000621	3.06E-05	0.001540
0.000154	0.000640	6.00E-06	
47	0.000622	4.07E-05	0.003358
0.000275	0.000623	4.29E-06	
48	0.000622	5.16E-05	0.004635
0.000387	0.000528	2.57E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000622	5.82E-05	0.005353
0.000470	0.000360	2.15E-06	
50	0.000622	6.26E-05	0.005527
0.000511	0.000159	2.48E-06	
51	0.000622	6.63E-05	0.005220
0.000509	0.000117	3.33E-06	
52	0.000622	6.81E-05	0.004511
0.000465	0.000179	4.88E-06	
53	0.000622	6.68E-05	0.003488
0.000382	0.000232	6.67E-06	
54	0.000622	6.16E-05	0.002232
0.000259	0.000271	8.19E-06	
55	0.000623	5.25E-05	0.000817
0.000118	0.000292	9.33E-06	
56	0.000624	5.05E-05	4.81E-08
5.95E-05	0.000294	9.52E-06	
57	0.000625	1.75E-05	2.99E-08
5.60E-05	0.001097	3.51E-06	
58	0.000731	7.23E-05	0.000855
8.99E-05	0.001079	3.21E-06	
59	0.000732	6.80E-05	0.002334
0.000262	0.000943	2.17E-06	
60	0.000732	6.64E-05	0.003653
0.000409	0.000722	1.34E-06	
61	0.000732	6.17E-05	0.004739
0.000507	0.000461	1.10E-06	
62	0.000732	5.32E-05	0.005512
0.000552	0.000201	1.18E-06	
63	0.000732	4.18E-05	0.005882
0.000544	3.20E-05	1.33E-06	
64	0.000732	2.90E-05	0.005762
0.000485	7.16E-05	1.48E-06	
65	0.000731	1.95E-05	0.005076
0.000390	0.000191	1.67E-06	
66	0.000731	2.41E-05	0.003773
0.000272	0.000322	2.22E-06	
67	0.000732	3.49E-05	0.001794
0.000148	0.000465	2.66E-06	
68	0.000730	4.24E-05	4.70E-08
7.53E-05	0.000564	2.19E-06	
69	0.000729	4.72E-05	0.002359
8.95E-05	0.000642	2.31E-06	
70	0.000729	5.26E-05	0.005112
0.000201	0.000666	2.15E-06	
71	0.000729	5.76E-05	0.007118
0.000314	0.000590	1.66E-06	
72	0.000729	5.95E-05	0.008390
0.000406	0.000426	1.87E-06	
73	0.000729	5.73E-05	0.008904
0.000458	0.000269	2.29E-06	
74	0.000729	5.01E-05	0.008692
0.000463	0.000192	2.85E-06	
75	0.000730	3.88E-05	0.008021
0.000418	0.000238	3.45E-06	
76	0.000730	2.44E-05	0.006714
0.000330	0.000350	4.00E-06	
77	0.000731	1.01E-05	0.004761
0.000214	0.000456	4.49E-06	
78	0.000731	4.55E-06	0.002172
9.75E-05	0.000583	4.82E-06	
79	0.000732	1.42E-05	9.97E-08
3.49E-05	0.000667	4.33E-06	
80	0.000732	2.49E-05	0.001988
8.69E-05	0.000725	4.25E-06	
81	0.000732	4.06E-05	0.004323
0.000207	0.000720	3.90E-06	
82	0.000733	5.52E-05	0.006047
83	0.000733	6.66E-05	0.007166
0.000413	0.000424	2.38E-06	
84	0.000733	7.23E-05	0.007650
0.000461	0.000255	2.39E-06	
85	0.000733	7.16E-05	0.007649
0.000460	0.000169	1.86E-06	
86	0.000733	6.49E-05	0.007166
0.000411	0.000203	1.78E-06	
87	0.000734	5.31E-05	0.006047
0.000321	0.000303	2.10E-06	
88	0.000734	3.86E-05	0.004322
0.000205	0.000411	2.71E-06	
89	0.000734	2.45E-05	0.001987
8.58E-05	0.000532	3.26E-06	
90	0.000735	1.54E-05	1.00E-07
3.58E-05	0.000612	3.02E-06	
91	0.000735	6.12E-06	0.002172
9.76E-05	0.000668	3.26E-06	
92	0.000735	6.67E-06	0.004761
0.000213	0.000659	3.08E-06	
93	0.000735	1.44E-05	0.006714
0.000329	0.000555	2.50E-06	
94	0.000735	2.21E-05	0.008021
0.000417	0.000370	2.00E-06	
95	0.000735	2.64E-05	0.008693
0.000462	0.000217	1.80E-06	
96	0.000735	2.63E-05	0.008904
0.000457	0.000160	1.70E-06	
97	0.000735	2.27E-05	0.008390
0.000405	0.000223	1.81E-06	
98	0.000734	1.90E-05	0.007118
0.000314	0.000343	2.33E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000733	1.93E-05	0.005112
0.000201	0.000484	3.28E-06	
100	0.000732	2.47E-05	0.002359
9.02E-05	0.000631	4.22E-06	
101	0.000731	2.99E-05	5.02E-08
7.25E-05	0.000726	4.15E-06	
102	0.000730	3.55E-05	0.001794
0.000146	0.000793	4.44E-06	
103	0.000729	4.93E-05	0.003773
0.000270	0.000792	4.60E-06	
104	0.000728	6.57E-05	0.005076
0.000388	0.000680	4.30E-06	
105	0.000728	8.33E-05	0.005762
0.000485	0.000477	3.70E-06	
106	0.000727	9.75E-05	0.005881
0.000544	0.000254	2.78E-06	
107	0.000727	0.000106	0.005510
0.000552	0.000162	1.81E-06	
108	0.000727	0.000109	0.004738
0.000506	0.000194	1.12E-06	
109	0.000727	0.000105	0.003651
0.000408	0.000247	9.54E-07	
110	0.000728	9.85E-05	0.002332
0.000260	0.000285	1.29E-06	
111	0.000728	9.26E-05	0.000853
8.52E-05	0.000309	2.19E-06	
112	0.000728	9.09E-05	2.73E-08
4.98E-05	0.000309	2.51E-06	
113	0.000806	8.95E-05	3.43E-08
5.01E-05	0.001270	1.17E-05	
114	0.000807	0.000109	0.000891
0.000105	0.001242	1.15E-05	
115	0.000807	0.000143	0.002436
0.000232	0.001068	1.01E-05	
116	0.000808	0.000170	0.003817
0.000342	0.000799	7.58E-06	
117	0.000808	0.000187	0.004967
0.000416	0.000492	4.59E-06	
118	0.000809	0.000191	0.005803
0.000454	0.000270	2.41E-06	
119	0.000809	0.000179	0.006234
0.000457	4.38E-05	1.27E-06	
120	0.000809	0.000151	0.006164
0.000421	6.74E-05	1.31E-06	
121	0.000809	0.000114	0.005492
0.000349	0.000197	2.27E-06	
122	0.000805	7.38E-05	0.004137
0.000251	0.000348	3.67E-06	
123	0.000807	4.32E-05	0.001994
0.000142	0.000516	5.26E-06	
124	0.000806	4.98E-05	6.84E-08
8.76E-05	0.000635	6.26E-06	
125	0.000805	7.02E-05	0.002592
9.07E-05	0.000728	7.12E-06	
126	0.000804	0.000102	0.005552
0.000173	0.000760	7.56E-06	
127	0.000803	0.000131	0.007648
0.000263	0.000672	6.66E-06	
128	0.000803	0.000154	0.008943
0.000333	0.000305

154	0.000823	8.96E-05	0.007646
0.000263	0.000356	3.87E-06	
155	0.000820	6.20E-05	0.005551
0.000172	0.000513	5.63E-06	
156	0.000817	4.01E-05	0.002592
9.04E-05	0.000689	7.63E-06	
157	0.000815	3.91E-05	6.63E-08
8.69E-05	0.000809	8.96E-06	
158	0.000813	6.31E-05	0.001993
0.000141	0.000899	1.01E-05	
159	0.000811	0.000110	0.004135
0.000250	0.000805	1.08E-05	
160	0.000809	0.000159	0.005490
0.000348	0.000805	1.01E-05	
161	0.000808	0.000201	0.006161
0.000421	0.000582	8.31E-06	
162	0.000807	0.000229	0.006231
0.000458	0.000339	5.91E-06	
163	0.000807	0.000239	0.005801
0.000455	0.000187	3.62E-06	
164	0.000807	0.000234	0.004965
0.000417	0.000207	2.44E-06	
165	0.000807	0.000210	0.003816
0.000343	0.000260	2.62E-06	
166	0.000808	0.000173	0.002435
0.000234	0.000279	2.99E-06	
167	0.000808	0.000128	0.000891
0.000108	0.000322	3.32E-06	
168	0.000809	0.000105	3.63E-08
5.40E-05	0.000325	3.38E-06	
169	0.000679	4.67E-05	3.79E-05
4.60E-05	0.000944	0.000135	
170	0.000679	4.88E-05	0.000847
7.13E-05	0.000949	0.000107	
171	0.000679	5.29E-05	0.002286
0.000311	0.000849	0.000114	
172	0.000679	5.49E-05	0.003568
0.000467	0.000663	9.15E-05	
173	0.000678	5.49E-05	0.004617
0.000566	0.000430	6.70E-05	
174	0.000678	5.13E-05	0.005353
0.000616	0.000184	4.47E-05	
175	0.000678	4.56E-05	0.005686
0.000616	2.11E-05	3.45E-05	
176	0.000677	3.76E-05	0.005533
0.000563	7.71E-05	4.06E-05	
177	0.000677	2.82E-05	0.004826
0.000457	0.000191	5.01E-05	
178	0.000676	2.90E-05	0.003535
0.000309	0.000311	6.20E-05	
179	0.000676	2.87E-05	0.001640
0.000132	0.000431	6.86E-05	
180	0.000676	2.68E-05	2.68E-05
2.41E-05	0.000510	7.02E-05	
181	0.000677	2.48E-05	0.002185
6.16E-05	0.000572	8.14E-05	
182	0.000677	3.20E-05	0.004831
0.000214	0.000591	8.94E-05	
183	0.000677	3.97E-05	0.006803
0.000357	0.000526	8.23E-05	
184	0.000677	4.43E-05	0.008075
0.000465	0.000381	6.89E-05	
185	0.000677	4.51E-05	0.008601
0.000525	0.000234	5.76E-05	
186	0.000677	4.28E-05	0.008405
0.000534	0.000675	3.10E-05	
187	0.000677	3.72E-05	0.007719
0.000491	0.000234	5.04E-05	
188	0.000676	2.76E-05	0.006418
0.000393	0.000343	5.29E-05	
189	0.000676	1.46E-05	0.004501
0.000253	0.000441	5.58E-05	
190	0.000676	6.81E-06	0.002014
9.03E-05	0.000549	5.60E-05	
191	0.000676	8.91E-06	2.13E-05
7.16E-06	0.000613	5.44E-05	
192	0.000676	1.84E-05	0.001826
7.08E-05	0.000655	6.03E-05	
193	0.000676	3.55E-05	0.004062
0.000231	0.000643	6.16E-05	
194	0.000676	5.05E-05	0.005755
0.000376	0.000549	5.20E-05	
195	0.000676	6.06E-05	0.006871
0.000479	0.000376	4.03E-05	
196	0.000675	6.52E-05	0.007363
0.000530	0.000216	3.67E-05	
197	0.000675	6.42E-05	0.007364
0.000530	0.000151	4.32E-05	
198	0.000675	5.82E-05	0.006874
0.000478	0.000199	5.45E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
271

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000675	4.75E-05	0.005759
0.000374	0.000297	6.69E-05	
200	0.000675	3.29E-05	0.004066
0.000229	0.000399	7.93E-05	
201	0.000675	1.68E-05	0.001829
6.94E-05	0.000501	8.43E-05	
202	0.000675	8.99E-06	2.20E-05
7.29E-06	0.000561	8.38E-05	
203	0.000675	7.77E-06	0.002014
8.92E-05	0.000598	9.44E-05	
204	0.000675	1.45E-05	0.004504
0.000252	0.000581	0.000100	
205	0.000675	2.27E-05	0.006422
0.000391	0.000486	8.88E-05	
206	0.000674	2.98E-05	0.007723
0.000489	0.000318	7.04E-05	
207	0.000674	3.24E-05	0.008409
0.000532	0.000174	4.78E-05	
208	0.000674	3.18E-05	0.008604
0.000523	0.000143	3.00E-05	
209	0.000674	2.76E-05	0.008077
0.000464	0.000220	2.17E-05	
210	0.000674	2.20E-05	0.006804
0.000357	0.000338	2.83E-05	
211	0.000675	1.79E-05	0.004830
0.000214	0.000473	4.08E-05	
212	0.000675	2.25E-05	0.002183
6.21E-05	0.000600	5.22E-05	
213	0.000675	2.72E-05	1.84E-05
2.38E-05	0.000673	5.68E-05	
214	0.000676	3.24E-05	0.001642
0.000132	0.000719	6.92E-05	
215	0.000676	4.46E-05	0.003537
0.000308	0.000705	7.96E-05	
216	0.000676	5.97E-05	0.004827
0.000457	0.000599	7.54E-05	
217	0.000676	7.48E-05	0.005534
0.000564	0.000411	6.53E-05	
218	0.000675	8.52E-05	0.005686
0.000617	0.000198	5.29E-05	
219	0.000675	9.19E-05	0.005352
0.000617	0.000136	4.80E-05	
220	0.000675	9.36E-05	0.004616
0.000568	0.000186	5.19E-05	
221	0.000675	9.03E-05	0.003564
0.000469	0.000239	5.63E-05	
222	0.000675	8.20E-05	0.002280
0.000312	0.000277	6.02E-05	
223	0.000676	7.07E-05	0.000836
7.12E-05	0.000298	5.29E-05	
224	0.000677	6.35E-05	3.58E-05
4.46E-05	0.000300	6.52E-05	
225	0.000768	8.12E-05	0.000101
5.37E-05	0.001243	0.000148	
226	0.000769	9.16E-05	0.000863
7.71E-05	0.001275	0.000122	
227	0.000769	0.000112	0.002382
0.000304	0.001160	0.000127	
228	0.000770	0.000129	0.003738
0.000463	0.000924	0.000101	
229	0.000770	0.000136	0.004861
0.000564	0.000642	7.42E-05	
230	0.000770	0.000130	0.005671
0.000609	0.000371	5.28E-05	
231	0.000771	0.000113	0.006079
0.000600	0.000196	4.34E-05	
232	0.000771	8.61E-05	0.005991
0.000539	0.000212	4.65E-05	
233	0.000770	5.75E-05	0.005318
0.000433	0.000326	5.44E-05	
234	0.000770	3.54E-05	0.003988
0.000296	0.000461	6.25E-05	
235	0.000769	3.30E-05	0.001912
0.000150	0.000559	7.15E-05	
236	0.000768	4.56E-05	6.98E-05
6.88E-05	0.000667	7.47E-05	
237	0.000768	6.00E-05	0.002497
0.000105	0.000813	9.09E-05	
238	0.000767	6.22E-05	0.005370
0.000232	0.000868	0.000101	
239	0.000766	0.000104	0.007423
0.000351	0.000794	9.28E-05	
240	0.000766	0.000119	0.008702
0.000448	0.000618	7.72E-05	
241	0.000765	0.000123	0.009205
0.000503	0.000455	6.22E-05	
242	0.000766	0.000115	0.008978
0.000509	0.000363	5.72E-05	
243	0.000767	9.48E-05	0.008322
0.000464	0.000388	5.93E-05	
244	0.000769	6.57E-05	0.007002
0.000372	0.000495	6.39E-05	
245	0.000770	6.38E-05	0.005000
0.000249	0.000603	6.90E-05	
246	0.000771	9.96E-06	0.002294
0.000112	0.000684	6.85E-05	
247	0.000772	1.38E-05	6.15E-05
4.46E-05	0.000775	6.82E-05	
248	0.000773	3.41E-05	0.002112
9.87E-05	0.000900	7.95E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
272

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000774	6.67E-05	0.004561
0.000234	0.000926	8.41E-05	
250	0.000774	9.81E-05	0.006333
0.000357	0.000823	7.41E-05	
251	0.000775	0.000122	0.007462
0.000451	0.000620	6.02E-05	
252	0.000775	0.000135	0.007938
0.000500	0.000445	5.63E-05	
253	0.000775	0.000134	0.007936
0.000499	0.000340	5.70E-05	
254	0.000776	0.000121	0.007458
0.000450	0.000353	6.01E-05	
255	0.000776	9.73E-05	0.006328
0.000355	0.000449	6.65E-05	
256	0.000777	6.66E-05	0.004556
0.000232	0.000557	7.60E-05	
257	0.000777	3.57E-05	0.002108
9.71E-05	0.000632	8.02E-05	
258	0.000778	1.70E-05	6.17E-05
4.44E-05	0.000720	8.26E-05	
259	0.000779	5.43E-06	0.002293
0.000110	0.000843	9.88E-05	
260	0.000780	2.52E-05	0.004996
0.000247	0.000867	0.000108	
261	0.000781	4.82E-05	0.006997
0.000370	0.000766	9.91E-05	
262	0.000781	6.90E-05	0.008318
0.000462	0.000570	8.27E-05	
263	0.000781	8.06E-05	0.008975
0.000508	0.000410	6.43E-05	
264	0.000781	8.03E-05	0.009204
0.000502	0.000330	4.96E-05	
265	0.000769	6.90E-05	0.008701
0.000447	0.000371	4.21E-05	
266	0.000778	5.19E-05	0.007423
0.000351	0.000487	4.89E-05	
267	0.000776	3.57E-05	0.005371
0.000232	0.000629	6.00E-05	
268	0.000774	2.92E-05	0.002500
0.000105	0.000731	6.73E-05	
269	0.000773	3.27E-05	6.62E-05
6.88E-05	0.000836	7.41E-05	
270	0.000771	4.60E-05	0.001911
0.000150	0.000973	9.32E-05	
271	0.000770	7.60E-05	0.003987
0.000296	0.001008	0.000107	
272	0.000769	0.000113	0.005316
0.000433	0.000902	0.000102	
273	0.000768	0.000147	0.005989
0.000539	0.000689	8.79E-05	
274	0.000767	0.000172	0.006077
0.000600	0.000459	7.06E-05	
275	0.000767	0.000184	0.005670
0.000609	0.000337	5.94E-05	
276	0.000767	0.000182	0.004861
0.000564	0.000345	5.78E-05	
277	0.000767	0.000166	0.003739
0.000463	0.000384	6.02E-05	
278	0.000768	0.000139	0.002385
0.000303	0.000412	6.31E-05	
279	0.000769	0.000110	0.000870
7.75E-05	0.000368	5.37E-05	
280	0.000769	9.69E-05	0.000101
5.57E-05	0.000324	6.45E-05	
281	0.000873	2.01E-05	.000000
6.52E-05	0.000846	3.52E-06	.000000
282	0.000846	2.65E-06	.000000
8.48E-05	0.000469	5.44E-06	.000000
283	0.001142	.000000	.000000
5.78E-05	0.000564	6.57E-06	.000000
284	.000000	.000000	.000000
4.05E-05	0.000513	5.52E-06	.000000
285	0.001167	6.07E-05	.000000
3.18E-05	0.000619	9.31E-06	.000000
286	0.000916	1.82E-05	.000000
5.71E-05	0.000296	9.52E-06	.000000
287	0.000988	9.55E-05	.000000
9.90E-05	0.001096	3.51E-06	.000000
288	0.001063	2.37E-05	.000000
7.32E-05	0.000563	2.19E-06	.000000
289	0.001348	.000000	.000000
3.49E-05	0.000667	4.33E-06	.000000
290	.000000	.000000	.000000
1.47E-05	0.000613	3.02E-06	.000000
291	0.001384	7.20E-05	.000000
2.05E-05	0.000729	4.15E-06	.000000
292	0.001283	9.70E-05	.000000
5.14E-05	0.000312	2.51E-06	.000000
293	0.001083	5.34E-05	.000000
0.000197	0.001258	1.17E-05	.000000
294	0.001203	1.73E-05	.000000
0.000116	0.000627	6.26E-06	.000000
295	0.001494	2.80E-05	.000000
0.000187	0.001220	2.80E-06	.000000
296	3.01E-06	8.21E-05	.000000
4.09E-05	0.000688	7.38E-06	.000000
297	0.001467	0.000428	.000000
1.46E-05	0.000800	8.96E-06	.000000
298	0.001440	0.000356	.000000
8.12E-05	0.000336	3.38E-06	.000000

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
273

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-3 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000709	-6.06E-05	-5.55E-08
-3.95E-05	-0.000295	-9.05E-06	
2	-0.000707	-7.39E-05	-0.002312
-2.93E-05	-0.000292	-8.97E-06	
3	-0.000704	-0.000107	-0.006221
-2.13E-05	-0.000271	-8.23E-06	
4	-0.000701	-0.000139	-0.009406
-3.01E-05	-0.000233	-7.53E-06	
5	-0.000699	-0.000163	-0.011602
-4.22E-05	-0.000180	-6.03E-06	
6	-0.000697	-0.000173	-0.012614
-5.41E-05	-0.000117	-4.41E-06	
7	-0.000697	-0.000172	-0.012362
-6.46E-05	-0.000160	-3.19E-06	
8	-0.000697	-0.000161	-0.010918
-7.38E-05	-0.000360	-2.52E-06	
9	-0.000698	-0.000145	-0.008503
-7.76E-05	-0.000528	-2.78E-06	
10	-0.000699	-0.000128	-0.005476
-7.20E-05	-0.000693	-4.48E-06	
11	-0.000699	-0.000115	-0.002219
-4.42E-05	-0.000640	-5.97E-06	
12	-0.000699	-0.000106	-1.40E-07
-1.43E-05	-0.000613	-6.01E-06	
13	-0.000699	-0.000101	-0.001692
-1.62E-05	-0.000563	-7.11E-06	
14	-0.000694	-0.000115	-0.004222
-5.24E-05	-0.000456	-7.63E-06	
15	-0.000699	-0.000142	-0.006598
-7.86E-05	-0.000331	-6.92E-06	
16	-0.000698	-0.000165	-0.008481
-9.23E-05	-0.000216	-5.49E-06	
17	-0.000697	-0.000178	-0.009540
-9.77E-05	-0.000129	-3.86E-06	
18	-0.000696	-0.000175	-0.009603
-9.83E-05	-0.000140	-2.51E-06	
19	-0.000695	-0.000159	-0.008655
-9.87E-05	-0.000275	-1.77E-06	
20	-0.000695	-0.000131	-0.006835
-9.14E-05	-0.000422	-5.04E-06	
21	-0.000693	-0.000105	-0.004452
-7.18E-05	-0.000507	-3.80E-06	
22	-0.000693	-7.37E-05	-0.001822
-3.41E-05	-0.000528	-5.56E-06	
23	-0.000692	-6.94E-05	-1.29E-07
-1.06E-05	-0.000509	-5.83E-06	
24	-0.000691	-7.41E-05	-0.002009
-2.17E-05	0.000471	-6.72E-06	
25	-0.000690	-9.80E-05	-0.004900
-5.90E-05	-0.000386	-7.19E-06	
26	-0.000689	-0.000127	-0.007523
-8.12E-05	-0.000291	-6.44E-06	
27	-0.000687	-0.000151	-0.009544
-9.12E-05	-0.000196	-5.03E-06	
28	-0.000686	-0.000165	-0.010635
-9.34E-05	-0.000137	-3.70E-06	
29	-0.000685	-0.000164	-0.010637
-9.30E-05	-0.000179	-2.45E-06	
30	-0.000684	-0.000150	-0.009548
-9.06E-05	-0.000329	-1.87E-06	
31	-0.000683	-0.000136	-0.007529
-8.07E-05	-0.000482	-2.47E-06	
32	-0.000681	-9.69E-05	-0.004906
-5.88E-05	-0.000568	-4.16E-06	
33	-0.000680	-7.36E-05	-0.002013
-2.21E-05	-0.000587	-5.85E-06	
34	-0.000678	-6.94E-05	-1.29E-07
-1.09E-05	-0.000565	-6.73E-06	
35	-0.000679	-7.44E-05	-0.001826
-3.27E-05	-0.000523	-7.25E-06	
36	-0.000679	-0.000100	-0.004459
-7.00E-05	-0.000431	-7.65E-06	
37	-0.000680	-0.000128	-0.006843
-8.94E-05	-0.000338	-6.70E-06	
38	-0.000680	-0.000152	-0.008662
-9.68E-05	-0.000231	-5.25E-06	
39	-0.000681	-0.000167	-0.009609
-9.64E-05	-0.000157	-3.73E-06	
40	-0.000681	-0.000167	-0.009545
-9.59E-05	-0.000195	-2.34E-06	
41	-0.000682	-0.000153	-0.008485
-9.02E-05	-0.000331	-1.61E-06	
42	-0.000682	-0.000129	-0.006601
-7.61E-05	-0.000458	-2.09E-06	
43	-0.000682	-0.000105	-0.004224
-4.91E-05	-0.000516	-3.82E-06	
44	-0.000682	-9.01E-05	-0.001693
-1.28E-05	-0.000506	-5.38E-06	
45	-0.000682	-8.82E-05	-1.38E-07
-1.33E-05	-0.000467	-5.81E-06	
46	-0.000683	-9.46E-05	-0.002221
-4.46E-05	-0.000411	-6.59E-06	
47	-0.000684	-0.000116	-0.005479
-7.20E-05	-0.000308	-7.16E-06	
48	-0.000685	-0.000128	-0.008507
-7.74E-05	-0.000194	-6.75E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
274

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000687	-0.000174	-0.010923
-7.46E-05	-8.27E-05	-5.85E-06	
50	-0.000688	-0.000194	-0.012366
-6.62E-05	-9.80E-06	-4.24E-06	
51	-0.000688	-0.000201	-0.012619
-5.60E-05	0.000152	-2.44E-06	
52	-0.000687	-0.000192	-0.011607
-4.46E-05	-0.000383	-1.58E-06	
53	-0.000686	-0.000170	-0.009410
-3.31E-05	-0.000592	-1.54E-06	
54	-0.000684	-0.000136	-0.006224
-2.50E-05	-0.000755	-2.03E-06	
55	-0.000682	-9.65E-05	-0.002314
-3.43E-05	-0.000840	-3.66E-06	
56	-0.000681	-7.69E-05	-5.61E-08
-4.54E-05	-0.000846	-4.10E-06	
57	-0.000796	-5.70E-05	-3.69E-07
-0.000118	-0.000309	-3.50E-06	
58	-0.000868	-5.08E-05	-0.003007
-7.94E-05	-0.000306	-3.09E-06	
59	-0.000796	-4.32E-05	-0.007996
-8.33E-05	-0.000285	-1.85E-06	
60	-0.000797	-3.87E-05	-0.011962
-9.38E-05	-0.000247	-1.47E-06	
61	-0.000797	-3.48E-05	-0.014644
-0.000102	-0.000194	-2.05E-06	
62	-0.000796	-3.15E-05	-0.015835
-0.000107	-0.000162	-2.95E-06	
63	-0.000795	-3.05E-05	-0.015449
-0.000110	-0.000254	-3.80E-06	
64	-0.000794	-3.26E-05	-0.013585
-0.000109	-0.000377	-4.32E-06	
65	-0.000793	-3.84E-05	-0.010524
-0.000107	-0.000680	-4.40E-06	
66	-0.000792	-5.40E-05	-0.006716
-9.91E-05	-0.000792	-4.23E-06	
67	-0.000791	-7.29E-05	-0.002670
-7.28E-05	-0.000793	-3.74E-06	
68	-0.000792	-8.44E-05	-8.18E-07
-3.73E-05	-0.000726	-3.44E-06	
69	-0.000789	-9.38E-05	-0.002103
-5.34E-05	-0.000631	-3.66E-06	
70	-0.000789	-0.000103	-0.005352
-0.000113	-0.000484	-2.37E-06	
71	-0.000789	-0.000106	-0.008427
-0.000146	-0.000343	-1.23E-06	
72	-0.000789	-0.000104	-0.010856
-0.000158	-0.000223	-1.32E-06	
73	-0.000790	-9.68E-05	-0.012215
-0.000157	-0.000160	-1.76E-06	
74	-0.000790	-8.56E-05	-0.012278
-0.000151	-0.000217	-2.45E-06	
75	-0.000791	-7.26E-05	-0.011034
-0.000146	-0.000370	-3.20E-06	
76	-0.000792	-5.73E-05	-0.008672
-0.000131	-0.000555	-3.75E-06	
77	-0.000793	-4.30E-05	-0.005593
-0.000103	-0.000659	-4.07E-06	
78	-0.000794	-3.40E-05	-0.002240
-5.58E-05	-0.000668	-3.93E-06	
79	-0.000794	-4.18E-05	-8.01E-07
-1.19E-05	-0.000613	-3.57E-06	
80	-0.000795	-5.13E-05	-0.002428
-4.99E-05	-0.000532	-3.59E-06	
81	-0.000796	-6.18E-05	-0.006042
-0.000104	-0.000411	-2.78E-06	
82	-0.000796	-6.96E-05	-0.009360
-0.000134	-0.000303	-2.03E-06	
83	-0.000797	-7.43E-05	-0.011923
-0.000146	-0.000203	-1.64E-06	
84	-0.000797	-7.56E-05	-0.013308
-0.000148	-0.000169	-1.83E-06	
85	-0.000797	-7.44E-05	-0.013308
-0.000148	-0.000255	-2.19E-06	
86	-0.000798	-7.28E-05	-0.011923
-0.000145	-0.000424	-2.55E-06	
87	-0.000798	-6.80E-05	-0.009360
-0.000132	-0.000615	-3.18E-06	
88	-0.000799	-6.07E-05	-0.006041
-0.000103	-0.000720	-3.79E-06	
89	-0.000800	-5.11E-05	-0.002427
-4.88E-05	-0.000725	-3.89E-06	
90	-0.000800	-4.30E-05	-8.01E-07
-1.28E-05	-0.000667	-3.67E-06	
91	-0.000800	-3.54E-05	-0.002240
-5.59E-05	-0.000583	-3.87E-06	
92	-0.000801	-3.83E-05	-0.005592
-0.000102	-0.000456	-3.19E-06	
93	-0.000801	-4.54E-05	-0.008671
-0.000130	-0.000350	-2.48E-06	
94	-0.000801	-5.18E-05	-0.011032
-0.000144	-0.000238	-2.00E-06	
95	-0.000801	-5.65E-05	-0.012277
-0.000150	-0.000192	-1.96E-06	
96	-0.000801	-5.86E-05	-0.012213
-0.000156	-0.000269	-2.08E-06	
97	-0.000801	-5.89E-05	-0.010855
-0.000157	-0.000426	-2.28E-06	
98	-0.000800	-5.87E-05	-0.008426
-0.000146	-0.000590	-2.66E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
275

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000800	-5.81E-05	-0.005352
-0.000114	-0.000666	-3.06E-06	
100	-0.000798	-5.64E-05	-0.002102
-5.47E-05	-0.000642	-2.98E-06	
101	-0.000798	-5.60E-05	-8.22E-07
-3.53E-05	-0.000564	-2.99E-06	
102	-0.000796	-5.80E-05	-0.002671
-7.14E-05	-0.000495	-3.38E-06	
103	-0.000795	-6.57E-05	-0.006717
-9.80E-05	-0.000322	-2.72E-06	
104	-0.000793	-7.29E-05	-0.010526
-0.000106	-0.000191	-1.89E-06	
105	-0.000792	-7.84E-05	-0.013587
-0.000109	-7.16E-05	-1.27E-06	
106	-0.000791	-8.22E-05	-0.015450
-0.000110	-3.20E-05	-8.06E-07	
107	-0.000790	-8.39E-05	-0.015837
-0.000107	-0.000201	-6.11E-07	
108	-0.000790	-8.40E-05	-0.014645
-0.000102	-0.000461	-9.63E-07	
109	-0.000791	-8.28E-05	-0.011962
-9.32E-05	-0.000722	-1.69E-06	
110	-0.000791	-8.16E-05	-0.007996
-8.17E-05	-0.000943	-2.50E-06	
111	-0.000792	-8.34E-05	-0.003007
-7.60E-05	-0.001079	-3.37E-06	
112	-0.000793	-8.64E-05	-3.68E-07
-0.000115	-0.001097	-3.64E-06	
113	-0.000877	-6.50E-05	-3.66E-07
-0.000157	-0.000326	-3.95E-06	
114	-0.000879	-6.18E-05	-0.003458
-0.000181	-0.000322	-3.93E-06	
115	-0.000882	-5.74E-05	-0.009191
-0.000229	-0.000300	-3.69E-06	
116	-0.000885	-5.50E-05	-0.013723
-0.000258	-0.000261	-3.34E-06	
117	-0.000886	-5.61E-05	-0.016758
-0.000268	-0.000207	-3.14E-06	
118	-0.000886	-6.24E-05	-0.018074
-0.000266	-0.000187	-4.55E-06	
119	-0.000884	-6.96E-05	-0.017593
-0.000258	-0.000339	-6.27E-06	
120	-0.000882	-7.51E-05	-0.015429
-0.000239	-0.000582	-8.80E-06	
121	-0.000879	-7.69E-05	-0.011910
-0.000207	-0.000805	-1.01E-05	
122	-0.000875	-7.30E-05	-0.007557
-0.000159	-0.000918	-1.04E-05	
123	-0.000872	-7.26E-05	-0.002980
-9.62E-05	-0.000900	-9.44E-06	
124	-0.000871	-8.54E-05	-8.74E-07
-7.36E-05	-0.000810	-8.20E-06	
125	-0.000869	-0.000107	-0.002370
-0.000100	-0.000689	-6.83E-06	
126	-0.000868	-0.000126	-0.006081
-0.000180	-0.000513	-4.70E-06	
127	-0.000868	-0.000140	-0.009619
-0.000246	-0.000357	-2.75E-06	
128	-0.000869	-0.000142	-0.012420
-0.000281	-0.000230	-2.36E-06	
129	-0.000870	-0.000138	-0.013983
-0.000293	-0.000181	-2.06E-06	
130	-0.000

155	-0.000885	-7.84E-05	-0.006079
-0.000179	-0.000760	-8.59E-06	
156	-0.000883	-6.39E-05	-0.002369
-0.000100	-0.000728	-8.01E-06	
157	-0.000881	-6.01E-05	-8.71E-07
-7.28E-05	-0.000635	-7.08E-06	
158	-0.000878	-7.51E-05	-0.002980
-9.48E-05	-0.000516	-6.02E-06	
159	-0.000874	-9.46E-05	-0.007556
-0.000158	-0.000347	-4.24E-06	
160	-0.000870	-0.000107	-0.011910
-0.000206	-0.000197	-2.51E-06	
161	-0.000866	-0.000113	-0.015429
-0.000239	-6.74E-05	-1.25E-06	
162	-0.000863	-0.000113	-0.017592
-0.000258	-4.38E-05	-1.00E-06	
163	-0.000862	-0.000109	-0.018075
-0.000266	-0.000206	-2.17E-06	
164	-0.000861	-0.000101	-0.016758
-0.000268	-0.000492	-4.56E-06	
165	-0.000862	-0.000102	-0.013724
-0.000258	-0.000799	-7.56E-06	
166	-0.000865	-9.80E-05	-0.009191
-0.000230	-0.001067	-1.02E-05	
167	-0.000869	-9.53E-05	-0.003458
-0.000184	-0.001242	-1.16E-05	
168	-0.000871	-9.48E-05	-3.68E-07
-0.000160	-0.001270	-1.19E-05	
169	-0.000749	-4.31E-05	-9.22E-05
-0.000234	-0.000299	-5.01E-05	
170	-0.000748	-5.34E-05	-0.002727
-6.25E-05	-0.000297	-4.05E-05	
171	-0.000747	-7.46E-05	-0.007149
-3.74E-05	-0.000277	-4.65E-05	
172	-0.000746	-9.17E-05	-0.010706
-4.01E-05	-0.000239	-4.38E-05	
173	-0.000746	-0.000103	-0.013135
-4.93E-05	-0.000186	-4.07E-05	
174	-0.000108	-0.000108	-0.014229
-6.48E-05	-0.000137	-3.85E-05	
175	-0.000745	-0.000108	-0.013911
-8.13E-05	-0.000198	-4.70E-05	
176	-0.000745	-0.000101	-0.012260
-9.74E-05	-0.000410	-6.82E-05	
177	-0.000745	-8.98E-05	-0.009528
-0.000114	-0.000599	-8.66E-05	
178	-0.000745	-8.71E-05	-0.006114
-0.000131	-0.000705	-9.60E-05	
179	-0.000744	-8.74E-05	-0.002466
-0.000122	-0.000719	-8.98E-05	
180	-0.000744	-8.85E-05	-5.54E-05
-7.79E-05	-0.000672	-7.90E-05	
181	-0.000744	-8.66E-05	-0.001918
-8.38E-05	-0.000599	-7.90E-05	
182	-0.000743	-0.000100	-0.004805
-0.000112	-0.000473	-7.39E-05	
183	-0.000743	-0.000117	-0.007525
-0.000119	-0.000338	-6.29E-05	
184	-0.000743	-0.000129	-0.009675
-0.000121	-0.000220	-5.25E-05	
185	-0.000743	-0.000133	-0.010879
-0.000120	-0.000143	-4.81E-05	
186	-0.000743	-0.000128	-0.010944
-0.000120	-0.000174	-4.92E-05	
187	-0.000743	-0.000115	-0.009850
-0.000125	-0.000218	-5.05E-05	
188	-0.000743	-9.37E-05	-0.007765
-0.000128	-0.000486	-6.40E-05	
189	-0.000743	-6.90E-05	-0.005039
-0.000128	-0.000581	-6.70E-05	
190	-0.000743	-5.03E-05	-0.002051
-0.000105	-0.000598	-5.84E-05	
191	-0.000743	-4.91E-05	-4.60E-05
-6.63E-05	-0.000561	-4.79E-05	
192	-0.000742	-5.58E-05	-0.002234
-8.88E-05	-0.000501	-4.39E-05	
193	-0.000742	-7.65E-05	-0.005484
-0.000113	-0.000399	-3.47E-05	
194	-0.000742	-9.67E-05	-0.008451
-0.000118	-0.000297	-2.45E-05	
195	-0.000741	-0.000112	-0.010737
-0.000118	-0.000199	-1.99E-05	
196	-0.000741	-0.000119	-0.011973
-0.000115	-0.000151	-2.89E-05	
197	-0.000741	-0.000118	-0.011974
-0.000114	-0.000216	-4.88E-05	
198	-0.000741	-0.000110	-0.010740
-0.000117	-0.000376	-7.32E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
277

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000741	-9.46E-05	-0.008455
-0.000117	-0.000548	-9.28E-05	
200	-0.000741	-7.45E-05	-0.005488
-0.000111	-0.000643	-0.000105	
201	-0.000741	-5.48E-05	-0.002237
-8.76E-05	-0.000655	-9.93E-05	
202	-0.000741	-4.92E-05	-4.63E-05
-6.64E-05	-0.000613	-8.86E-05	
203	-0.000740	-5.10E-05	-0.002051
-0.000104	-0.000549	-8.94E-05	
204	-0.000740	-6.70E-05	-0.005040
-0.000126	-0.000442	-8.45E-05	
205	-0.000741	-8.71E-05	-0.007767
-0.000126	-0.000343	-7.16E-05	
206	-0.000741	-0.000105	-0.009852
-0.000123	-0.000234	-5.84E-05	
207	-0.000741	-0.000115	-0.010946
-0.000118	-0.000174	-4.61E-05	
208	-0.000741	-0.000116	-0.010881
-0.000119	-0.000234	-3.82E-05	
209	-0.000741	-0.000107	-0.009676
-0.000120	-0.000382	-3.85E-05	
210	-0.000741	-9.30E-05	-0.007525
-0.000118	-0.000527	-4.75E-05	
211	-0.000741	-7.83E-05	-0.004804
-0.000111	-0.000591	-5.44E-05	
212	-0.000740	-6.95E-05	-0.001916
-8.42E-05	-0.000572	-5.10E-05	
213	-0.000740	-6.71E-05	-5.03E-05
-7.78E-05	-0.000510	-4.41E-05	
214	-0.000739	-7.14E-05	-0.002470
-0.000121	-0.000431	-3.64E-05	
215	-0.000739	-8.74E-05	-0.006118
-0.000131	-0.000311	-4.04E-05	
216	-0.000739	-0.000108	-0.009531
-0.000114	-0.000191	-3.56E-05	
217	-0.000740	-0.000125	-0.012263
-9.77E-05	-7.72E-05	-3.45E-05	
218	-0.000737	-0.000137	-0.013914
-8.19E-05	-2.10E-05	-3.67E-05	
219	-0.000740	-0.000141	-0.014231
-6.56E-05	-0.000184	-4.84E-05	
220	-0.000740	-0.000137	-0.013136
-5.03E-05	-0.000430	-7.13E-05	
221	-0.000740	-0.000125	-0.010706
-4.11E-05	-0.000663	-9.51E-05	
222	-0.000740	-0.000105	-0.007147
-3.82E-05	-0.000850	-0.000118	
223	-0.000741	-7.99E-05	-0.002722
-6.24E-05	-0.000950	-0.000112	
224	-0.000741	-6.80E-05	-9.39E-05
-0.000233	-0.000945	-0.000140	
225	-0.000835	-5.83E-05	-0.000140
-0.000218	-0.000325	-5.78E-05	
226	-0.000836	-5.38E-05	-0.003276
-0.000132	-0.000369	-4.86E-05	
227	-0.000839	-4.83E-05	-0.008737
-0.000202	-0.000413	-5.78E-05	
228	-0.000945	-4.52E-05	-0.013063
-0.000229	-0.000384	-5.52E-05	
229	-0.000842	-4.27E-05	-0.015983
-0.000239	-0.000345	-5.26E-05	
230	-0.000842	-4.06E-05	-0.017262
-0.000244	-0.000337	-5.52E-05	
231	-0.000841	-3.91E-05	-0.016815
-0.000244	-0.000459	-6.75E-05	
232	-0.000839	-3.81E-05	-0.014752
-0.000238	-0.000688	-8.92E-05	
233	-0.000837	-3.92E-05	-0.011401
-0.000222	-0.000902	-0.000109	
234	-0.000835	-4.64E-05	-0.007255
-0.000189	-0.001008	-0.000119	
235	-0.000832	-6.32E-05	-0.002874
-0.000120	-0.000973	-0.000108	
236	-0.000831	-8.32E-05	-0.000113
-7.08E-05	-0.000836	-9.00E-05	
237	-0.000830	-0.000100	-0.002287
-0.000121	-0.000731	-8.78E-05	
238	-0.000829	-0.000117	-0.005835
-0.000214	-0.000629	-8.28E-05	
239	-0.000829	-0.000118	-0.009206
-0.000260	-0.000487	-6.99E-05	
240	-0.000829	-0.000124	-0.011882
-0.000282	-0.000371	-5.93E-05	
241	-0.000830	-0.000117	-0.013379
-0.000285	-0.000330	-5.51E-05	
242	-0.000831	-0.000104	-0.013445
-0.000280	-0.000410	-6.16E-05	
243	-0.000832	-8.87E-05	-0.012062
-0.000271	-0.000570	-7.51E-05	
244	-0.000833	-7.11E-05	-0.009458
-0.000247	-0.000766	-8.64E-05	
245	-0.000834	-5.04E-05	-0.006084
-0.000200	-0.000868	-9.14E-05	
246	-0.000835	-3.68E-05	-0.002431
-0.000113	-0.000844	-7.98E-05	
247	-0.000836	-3.74E-05	-0.000109
-5.63E-05	-0.000721	-6.32E-05	
248	-0.000837	-5.36E-05	-0.002622
-0.000107	-0.000633	-5.79E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
278

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000838	-7.23E-05	-0.006535
-0.000200	-0.000557	-5.30E-05	
250	-0.000839	-8.44E-05	-0.010147
-0.000249	-0.000448	-4.41E-05	
251	-0.000839	-9.07E-05	-0.012952
-0.000272	-0.000352	-3.93E-05	
252	-0.000840	-9.22E-05	-0.014475
-0.000277	-0.000340	-3.92E-05	
253	-0.000840	-9.12E-05	-0.014474
-0.000277	-0.000445	-6.63E-05	
254	-0.000841	-8.96E-05	-0.012950
-0.000270	-0.000620	-8.61E-05	
255	-0.000841	-8.36E-05	-0.010143
-0.000247	-0.000823	-0.000104	
256	-0.000842	-7.22E-05	-0.006530
-0.000198	-0.000926	-0.000113	
257	-0.000843	-5.51E-05	-0.002618
-0.000106	-0.000900	-0.000104	
258	-0.000843	-4.03E-05	-0.000110
-5.61E-05	-0.000774	-8.74E-05	
259	-0.000844	-2.78E-05	-0.002429
-0.000111	-0.000683	-8.52E-05	
260	-0.000845	-4.01E-05	-0.006080
-0.000197	-0.000602	-8.14E-05	
261	-0.000845	-5.09E-05	-0.009452
-0.000245	-0.000495	-7.11E-05	
262	-0.000845	-6.01E-05	-0.012057
-0.000269	-0.000388	-6.23E-05	
263	-0.000845	-6.67E-05	-0.013440
-0.000278	-0.000363	-5.96E-05	
264	-0.000845	-6.95E-05	-0.013376
-0.000285	-0.000455	-5.77E-05	
265	-0.000844	-6.86E-05	-0.011879
-0.000281	-0.000618	-6.02E-05	
266	-0.000843	-6.62E-05	-0.009204
-0.000260	-0.000794	-7.19E-05	
267	-0.000842	-6.23E-05	-0.005835
-0.000214	-0.000868	-7.95E-05	
268	-0.000840	-5.66E-05	-0.002288
-0.000120	-0.000813	-7.29E-05	
269	-0.000839	-5.50E-05	-0.000107
-7.06E-05	-0.000667	-6.03E-05	
270	-0.000837	-6.22E-05	-0.002872
-0.000120	-0.000559	-5.85E-05	
271	-0.000834	-7.58E-05	-0.007253
-0.000189	-0.000461	-5.66E-05	
272	-0.000831	-8.72E-05	-0.011401
-0.000222	-0.000326	-5.10E-05	
273	-0.000833	-9.37E-05	-0.014752
-0.000238	-0.000212	-4.79E-05	
274	-0.000826	-9.64E-05	-0.016816
-0.000244	-0.000196	-4.78E-05	
275	-0.000825	-9.63E-05	-0.017263
-0.000244	-0.000371	-5.73E-05	
276	-0.000825	-9.42E-05	-0.015984
-0.000239	-0.000642	-7.91E-05	
277	-0.000826	-9.10E-05	-0.013065
-0.000229	-0.000924	-0.000105	
278	-0.000828	-8.77E-05	-0.008741
-0.000202	-0.001160	-0.000131	
279	-0.000831	-8.67E-05	-0.003281
-0.000132	-0.001275	-0.000126	
280	-0.000833	-8.78E-05	-0.000137
-0.000219	-0.001242	-0.000152	
281	-0.001519	-1.16E-05	.000000
-3.73E-05	-0.000295	-9.05E-06	.000000
282	-0.000730	-2.29E-05	.000000
-5.47E-06	-0.000611	-6.01E-06	.000000
283	-0.001356	.000000	.000000
-1.06E-05	-0.000509	-5.83E-06	.000000
284	.000000	.000000	.000000
-6.89E-22	-0.000565	-6.16E-06	.000000
285	-0.001334	-6.94E-05	.000000
4.80E-22	-0.000466	-5.81E-06	.000000
286	-0.000443	-8.80E-06	.000000
-1.94E-05	-0.000847	-0.000106	.000000
287	-0.001847	-5.11E-05	.000000
-7.99E-05	-0.000307	-3.50E-06	.000000
288	-0.000911	-2.77E-05	.000000
-4.31E-05	-0.000726	-3.44E-06	.000000
289	-0.001572	.000000	.000000
-1.18E-05	-0.000613	-3.57E-06	.000000
290	.000000	.000000	.000000
4.47E-23	-0.000666	-3.67E-06	.000000
291	-0.001558	-8.11E-05	.000000
-2.94E-07	-0.000564	-2.99E-06	.000000
292	-0.000543	-4.23E-05	.000000
-1.52E-21	-0.001098	-3.64E-06	.000000
293	-0.000310	-2.78E-20	.000000
-0.000137	-0.000315	-3.95E-06	.000000
294	-0.001046	-6.66E-05	.000000
-0.000136	-0.000801	-8.20E-06	.000000
295	-0.001730	-1.25E-05	.000000
-0.000163	-0.000667	-7.93E-06	.000000
296	-2.14E-06	-0.000116	.000000
-4.95E-05	-0.000743	-8.03E-06	.000000
297	-0.001628	-0.000504	.000000
-5.92E-05	-0.000632	-7.08E-06	.000000
298	-0.000595	-0.000213	.000000
8.07E-22	-0.001264	-1.19E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
279

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-4 ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000766	0.000102	5.19E-08
8.16E-05	0.001109	9.68E-06	
2	0.000766	0.000106	0.000954
0.000129	0.001091	8.74E-06	
3	0.000765	0.000122	0.002605
0.000247	0.000954	5.51E-06	
4	0.000765	0.000136	0.004075
0.000349	0.000726	3.66E-06	
5	0.000766	0.000141	0.005282
0.000422	0.000453	2.88E-06	
6	0.000765	0.000138	0.006132
0.000462	0.000180	2.92E-06	
7	0.000765	0.000127	0.006526
0.000466	1.52E-05	3.96E-06	
8	0.000765	0.000108	0.006367
0.000435	9.30E-05	5.40E-06	
9	0.000765	8.36E-05	0.005570
0.000366	0.000225	6.53E-06	
10	0.000764	5.62E-05	0.004095
0.000268	0.000366	7.60E-06	
11	0.000764	3.80E-05	0.001913
0.000161	0.000504	7.72E-06	
12	0.000764	3.78E-05	8.54E-08
0.000103	0.000589	7.53E-06	
13	0.000764	4.31E-05	0.002537
0.000120	0.000651	9.16E-06	
14	0.000764	6.59E-05	0.005578
0.000215	0.000667	8.05E-06	
15	0.000764	8.95E-05	0.007834
0.000308	0.000588	5.61E-06	
16	0.000765	0.000105	0.009278
0.000378	0.000421	4.15E-06	
17	0.000765	0.000112	0.009869
0.000415	0.000258	3.85E-06	
18	0.000765	0.000110	0.009640
0.000419	0.000199	4.75E-06	
19	0.000765	9.93E-05	0.008869
0.000389	0.000270	6.45E-06	
20	0.000765	7.85E-05	0.007388
0.000323	0.000394	7.95E-06	
21	0.000765	4.94E-05	0.005194
0.000227	0.000509	9.18E-06	
22	0.000766	2.07E-05	0.002335
0.000124	0.000633	9.51E-06	
23	0.000766	2.20E-05	1.30E-07
7.41E-05	0.000702	9.36E-06	
24	0.000766	3.83E-05	0.002125
0.000113	0.000745	1.03E-05	
25	0.000766	7.14E-05	0.004697
0.000214	0.000732	8.73E-06	
26	0.000767	0.000102	0.006635
0.000310	0.000624	6.12E-06	
27	0.000767	0.000123	0.007904
0.000379	0.000429	4.20E-06	
28	0.000767	0.000133	0.008457
0.000413	0.000248	3.73E-06	
29	0.000767	0.000132	0.008458
0.000412	0.000175	4.10E-06	
30	0.000768	0.000121	0.007904
0.000378	0.000226	5.06E-06	
31	0.000768	0.000100	0.006636
0.000310	0.000337	6.50E-06	
32	0.000768	6.89E-05	0.004698
0.000214	0.000454	7.58E-06	
33	0.000768	3.70E-05	0.002125
0.000114	0.000573	7.85E-06	
34	0.000768	2.28E-05	1.30E-07
7.43E-05	0.000640	7.85E-06	
35	0.000769	2.09E-05	0.002336
0.000122	0.000681	9.15E-06	
36	0.000769	4.55E-05	0.005197
0.000225	0.000668	7.83E-06	
37	0.000769	7.10E-05	0.007392
0.000321	0.000564	5.39E-06	
38	0.000769	8.78E-05	0.008873
0.000387	0.000447	2.74E-06	
39	0.000769	9.51E-05	0.009645
0.000417	0.000210	3.47E-06	
40	0.000769	9.33E-05	0.009875
0.000413	0.000167	4.04E-06	
41	0.000769	8.41E-05	0.009284
0.000376	0.000244	5.15E-06	
42	0.000768	6.69E-05	0.007838
0.000306	0.000379	6.80E-06	
43	0.000769	4.79E-05	0.005581
0.000212	0.000532	8.26E-06	
44	0.000769	3.41E-05	0.002539
0.000117	0.000680	8.99E-06	
45	0.000769	3.64E-05	8.33E-08
0.000103	0.000764	9.53E-06	
46	0.000769	5.16E-05	0.001913
0.000161	0.000820	1.10E-05	
47	0.000769	8.58E-05	0.004095
0.000267	0.000818	9.89E-06	
48	0.000768	0.000122	0.005571
0.000366	0.000709	7.68E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
280

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000768	0.000152	0.006369
0.000436	0.000504	6.13E-06	
50	0.000768	0.000172	0.006530
0.000468	0.000257	4.98E-06	
51	0.000768	0.000184	0.006137
0.000465	0.000170	4.45E-06	
52	0.000768	0.000175	0.005288
0.000425	0.000209	4.81E-06	
53	0.000768	0.000175	0.004081
0.000354	0.000269	6.03E-06	
54	0.000769	0.000155	0.002610
0.000253	0.000314	7.43E-06	
55	0.000769	0.000129	0.000956
0.000137	0.000339	8.52E-06	
56	0.000770	0.000118	5.32E-08
9.11E-05	0.000343	8.71E-06	
57	0.000819	0.000122	3.46E-08
6.09E-05	0.001217	4.35E-06	
58	0.000819	0.000114	0.000955
9.21E-05	0.001189	3.80E-06	
59	0.000817	0.000107	0.002608
0.000243	0.001023	2.34E-06	
60	0.000820	0.000101	0.004081
0.000373	0.000767	1.69E-06	
61	0.000820	9.12E-05	0.005294
0.000460	0.000472	1.53E-06	
62	0.000819	7.83E-05	0.006156
0.000502	0.000195	1.62E-06	
63	0.000819	6.32E-05	0.006569
0.000499	2.86E-05	1.76E-06	
64	0.000819	4.65E-05	0.006434
0.000451	8.70E-05	1.90E-06	
65	0.000818	3.42E-05	0.005666
0.000368	0.000220	2.22E-06	
66	0.000817	3.78E-05	0.004209
0.000258	0.000365	3.29E-06	
67	0.000816	5.27E-05	0.002000
0.000130	0.000520	3.96E-06	
68	0.000816	6.28E-05	5.22E-08
7.62E-05	0.000628	2.45E-06	
69	0.000766	6.60E-05	0.002631
0.000110	0.000709	2.60E-06	
70	0.000815	6.94E-05	0.005706
0.000225	0.000731	2.31E-06	
71	0.000815	7.38E-05	0.007948
0.000330	0.000641	1.67E-06	
72	0.000814	7.53E-05	0.009371
0.000408	0.000456	1.92E-06	
73	0.000814	7.23E-05	0.009946
0.000450	0.000287	2.54E-06	
74	0.000815	6.36E-05	0.009710
0.000451	0.000213	3.22E-06	
75	0.000815	5.06E-05	0.008958
0.000410	0.000270	3.95E-06	
76	0.000815	3.50E-05	0.007496
0.000330	0.000394	4.71E-06	
77	0.000816	2.14E-05	0.005313
0.000219	0.000511	5.80E-06	
78	0.000816	2.07E-05	0.002422
9.56E-05	0.000652	6.40E-06	
79	0.000816	2.22E-05	1.13E-07
3.10E-05	0.000743	4.89E-06	
80	0.000817	4.26E-05	0.002215
9.45E-05	0.000806	4.63E-06	
81	0.000817	5.57E-05	0.004823
0.000217	0.000798	4.19E-06	
82	0.000817	7.08E-05	0.006751
0.000326	0.000681	3.32E-06	
83	0.000818	8.29E-05	0.008002
0.000406	0.000470	2.48E-06	
84	0.000818	8.89E-05	0.008542
0.000446	0.000282	2.12E-06	
85	0.000818	8.77E-05	0.008542
0.000446	0.000187	1.89E-06	
86	0.000818	8.01E-05	0.008001
0.000404	0.000226	1.91E-06	
87	0.000818	6.71E-05	0.006750
0.000324	0.000337	2.53E-06	
88	0.000818	5.22E-05	0.004822
0.000215	0.000458	3.84E-06	
89	0.000818	4.13E-05	0.002215
9.30E-05	0.000593	4.73E-06	
90	0.000819	3.36E-05	1.13E-07
3.15E-05	0.000682	3.33E-06	
91	0.000819	2.15E-05	0.002422
9.58E-05	0.000744	3.48E-06	
92	0.000819	1.77E-05	0.005313
0.000217	0.000738	3.27E-06	
93	0.000819	2.35E-05	0.007497
0.000328	0.000818	3.30E-05	0.009372
94	0.000819	3.17E-05	0.008959
0.000409	0.000425	2.16E-06	
95	0.000819	3.67E-05	0.009711
0.000450	0.000250	1.86E-06	
96	0.000819	3.69E-05	0.009947
0.000449	0.000179	1.70E-06	
97	0.000818	3.30E-05	0.009372
0.000408	0.000244	1.90E-06	
98	0.000818	2.96E-05	0.007949
0.000330	0.000379	2.79E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
281

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000817	2.93E-05	0.005707
0.000225	0.000536	4.49E-06	
100	0.000816	3.87E-05	0.002632
0.000110	0.000702	5.79E-06	
101	0.000815	4.65E-05	5.72E-08
7.20E-05	0.000810	4.89E-06	
102	0.000814	5.12E-05	0.002000
0.000129	0.000889	5.12E-06	
103	0.000812	6.36E-05	0.004209
0.000156	0.000896	5.36E-06	
104	0.000811	8.30E-05	0.005665
0.000367	0.000782	5.15E-06	
105	0.000811	0.000105	0.006433
0.000451	0.000564	4.59E-06	
106	0.000810	0.000124	0.006568
0.000499	0.000312	3.65E-06	
107	0.000810	0.000137	0.006155
0.000502	0.000192	2.61E-06	
108	0.000810	0.000143	0.005292
0.000459	0.000213	1.80E-06	
109	0.000810	0.000143	0.004078
0.000371	0.000272	1.43E-06	
110	0.000810	0.000139	0.002605
0.000240	0.000316	2.09E-06	
111	0.000810	0.000135	0.000953
8.57E-05	0.000341	4.27E-06	
112	0.000811	0.000136	3.05E-08
5.20E-05	0.000345	5.02E-06	
113	0.000834	0.000120	4.87E-08
5.85E-05	0.000810	1.06E-05	
114	0.000835	0.000122	0.000953
0.000106	0.001219	1.06E-05	
115	0.000835	0.000127	0.002607
0.000217	0.001046	9.46E-06	
116	0.000835	0.000149	0.004083
0.000314	0.000779	7.39E-06	
117	0.000835	0.000167	0.005306
0.000380	0.000470	4.91E-06	
118	0.000835	0.000176	0.006183
0.000415	0.000184	3.10E-06	
119	0.000835	0.000170	0.006615
0.000419	4.00E-05	2.36E-06	
120	0.000834	0.000151	0.006503
0.000387	8.47E-05	3.07E-06	
121	0.000833	0.000123	0.005749
0.000322	0.000221	4.61E-06	
122	0.000832	8.94E-05	0.004286
0.000232	0.000373	6.02E-06	
123	0.000831	6.07E-05	0.002040
0.000130	0.000534	6.98E-06	
124	0.000831	6.11E-05	8.42E-08
8.33E-05	0.000643	7.18E-06	
125	0.000830	7.09E-05	0.002675
0.000100	0.000724	7.27E-06	
126	0.000830	9.06E-05	0.005793
0.000187	0.000747	7.02E-06	
127	0.000830	0.000116	0.008048
0.000272	0.000656	6.14E-06	
128	0.000830	0.000136	0.009463
0.000335	0.000465	5.37E-06	
129	0.000831	0.000149	0.010026
0.000367	0.000288	4.63E-06	
130	0.000831	0.000148	0.009783
0.000370	0.000213	4.64E-06	
131	0.000832	0.000134	0.009049
0.000343	0.000273	5.67E-06	
132	0.000834	0.000108	0.007592
0.000282	0.000398	7.20E-06	
133	0.000835	7.44E-05	0.005396
0.000195	0.000521

156	0.000838	4.56E-05	0.002675
0.000100	0.000717	9.06E-06	
157	0.000837	4.45E-05	8.10E-08
8.20E-05	0.000829	9.49E-06	
158	0.000836	6.77E-05	0.002039
0.000127	0.000910	9.69E-06	
159	0.000834	0.000109	0.004284
0.000230	0.000925	9.41E-06	
160	0.000833	0.000150	0.005746
0.000322	0.000814	8.49E-06	
161	0.000832	0.000182	0.006499
0.000388	0.000694	6.99E-06	
162	0.000831	0.000203	0.006612
0.000419	0.000344	5.48E-06	
163	0.000830	0.000209	0.006179
0.000415	0.000186	4.47E-06	
164	0.000830	0.000202	0.005303
0.000381	0.000215	4.72E-06	
165	0.000830	0.000181	0.004081
0.000316	0.000274	6.04E-06	
166	0.000830	0.000154	0.002606
0.000220	0.000318	7.27E-06	
167	0.000830	0.000139	0.000953
0.000110	0.000343	8.02E-06	
168	0.000830	0.000134	5.14E-08
6.39E-05	0.000347	8.11E-06	
169	0.000793	0.000100	4.33E-05
4.75E-05	0.001185	0.000162	
170	0.000793	0.000108	0.000964
7.79E-05	0.001198	0.000131	
171	0.000792	0.000121	0.002611
0.000288	0.001073	0.000139	
172	0.000792	0.000128	0.004079
0.000421	0.000840	0.000113	
173	0.000792	0.000129	0.005286
0.000510	0.000560	8.41E-05	
174	0.000791	0.000122	0.006139
0.000556	0.000287	5.97E-05	
175	0.000791	0.000107	0.006539
0.000560	0.000111	4.79E-05	
176	0.000790	8.59E-05	0.006389
0.000518	0.000172	5.19E-05	
177	0.000790	6.21E-05	0.005603
0.000428	0.000299	6.08E-05	
178	0.000789	4.62E-05	0.004134
0.000300	0.000437	7.27E-05	
179	0.000789	3.90E-05	0.001934
0.000134	0.000547	7.79E-05	
180	0.000789	4.35E-05	3.64E-05
4.68E-05	0.000644	8.01E-05	
181	0.000789	4.98E-05	0.002566
0.000102	0.000753	9.44E-05	
182	0.000789	6.81E-05	0.005625
0.000246	0.000787	0.000104	
183	0.000789	8.56E-05	0.007875
0.000370	0.000709	9.57E-05	
184	0.000788	9.70E-05	0.009310
0.000459	0.000534	8.02E-05	
185	0.000788	0.000100	0.009895
0.000505	0.000371	6.80E-05	
186	0.000789	9.57E-05	0.009663
0.000510	0.000297	6.30E-05	
187	0.000789	8.29E-05	0.008900
0.000472	0.000353	6.51E-05	
188	0.000789	6.25E-05	0.007427
0.000386	0.000473	7.05E-05	
189	0.000790	3.62E-05	0.005237
0.000259	0.000585	7.63E-05	
190	0.000790	1.63E-05	0.002359
0.000102	0.000680	7.67E-05	
191	0.000791	1.85E-05	2.21E-05
1.91E-05	0.000761	7.58E-05	
192	0.000793	3.67E-05	0.002149
9.39E-05	0.000850	8.66E-05	
193	0.000791	6.63E-05	0.004743
0.000246	0.000853	9.11E-05	
194	0.000792	9.30E-05	0.006677
0.000374	0.000746	8.05E-05	
195	0.000792	0.000112	0.007939
0.000462	0.000543	6.56E-05	
196	0.000792	0.000121	0.008488
0.000504	0.000361	5.66E-05	
197	0.000792	0.000120	0.008488
0.000503	0.000274	5.68E-05	
198	0.000792	0.000109	0.007939
0.000461	0.000311	6.18E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 283

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000792	8.90E-05	0.006678
0.000372	0.000418	6.87E-05	
200	0.000792	6.24E-05	0.004743
0.000244	0.000533	7.67E-05	
201	0.000793	3.39E-05	0.002150
9.21E-05	0.000623	7.78E-05	
202	0.000793	1.85E-05	2.29E-05
1.92E-05	0.000701	7.80E-05	
203	0.000794	1.64E-05	0.002359
0.000101	0.000789	9.12E-05	
204	0.000794	3.31E-05	0.005238
0.000257	0.000791	0.000100	
205	0.000795	5.30E-05	0.007429
0.000383	0.000687	9.31E-05	
206	0.000795	6.90E-05	0.008902
0.000470	0.000493	7.86E-05	
207	0.000794	7.69E-05	0.009666
0.000508	0.000325	6.04E-05	
208	0.000794	7.65E-05	0.009897
0.000504	0.000267	4.63E-05	
209	0.000794	6.71E-05	0.009312
0.000458	0.000330	4.21E-05	
210	0.000793	5.46E-05	0.007876
0.000369	0.000460	5.08E-05	
211	0.000793	4.06E-05	0.005625
0.000246	0.000611	6.45E-05	
212	0.000793	3.33E-05	0.002563
0.000102	0.000731	7.36E-05	
213	0.000791	3.48E-05	2.12E-05
4.65E-05	0.000827	7.77E-05	
214	0.000791	4.76E-05	0.001936
0.000134	0.000929	9.43E-05	
215	0.000791	7.69E-05	0.004135
0.000299	0.000907	0.000107	
216	0.000790	0.000109	0.005604
0.000427	0.000834	0.000100	
217	0.000789	0.000138	0.006389
0.000518	0.000622	8.61E-05	
218	0.000789	0.000160	0.006539
0.000561	0.000375	6.80E-05	
219	0.000789	0.000173	0.006138
0.000557	0.000278	5.80E-05	
220	0.000789	0.000176	0.005284
0.000511	0.000298	5.82E-05	
221	0.000789	0.000169	0.004075
0.000423	0.000348	6.11E-05	
222	0.000790	0.000153	0.002602
0.000289	0.000385	6.38E-05	
223	0.000790	0.000131	0.000949
7.77E-05	0.000372	5.45E-05	
224	0.000791	0.000118	4.27E-05
4.53E-05	0.000349	6.63E-05	
225	0.000826	0.000118	0.000112
6.65E-05	0.001286	0.000162	
226	0.000117	0.000117	0.000948
7.79E-05	0.001297	0.000132	
227	0.000827	0.000116	0.002604
0.000276	0.001157	0.000139	
228	0.000827	0.000117	0.004082
0.000416	0.000903	0.000112	
229	0.000827	0.000120	0.005303
0.000506	0.000503	8.36E-05	
230	0.000827	0.000119	0.006175
0.000548	0.000324	6.05E-05	
231	0.000827	0.000108	0.006601
0.000544	0.000165	4.99E-05	
232	0.000826	8.92E-05	0.006481
0.000495	0.000205	5.19E-05	
233	0.000826	5.82E-05	0.005723
0.000407	0.000331	5.97E-05	
234	0.000825	5.18E-05	0.004264
0.000288	0.000474	7.07E-05	
235	0.000824	5.06E-05	0.002029
0.000152	0.000584	7.57E-05	
236	0.000823	6.00E-05	8.07E-05
8.39E-05	0.000690	7.80E-05	
237	0.000823	6.74E-05	0.002661
0.000139	0.000819	9.39E-05	
238	0.000822	7.72E-05	0.005766
0.000261	0.000864	0.000104	
239	0.000822	8.93E-05	0.008014
0.000363	0.000780	9.50E-05	
240	0.000693	6.82E-05	0.009431
0.000443	0.000593	7.90E-05	
241	0.000822	0.000107	0.009998
0.000485	0.000422	6.51E-05	
242	0.000822	0.000102	0.009757
0.000487	0.000347	6.29E-05	
243	0.000823	8.81E-05	0.009018
0.000448	0.000391	6.82E-05	
244	0.000824	6.63E-05	0.007561
0.000368	0.000509	7.56E-05	
245	0.000825	4.17E-05	0.005370
0.000257	0.000624	8.31E-05	
246	0.000825	2.35E-05	0.002449
0.000125	0.000718	8.38E-05	
247	0.000826	2.82E-05	7.04E-05
5.69E-05	0.000806	8.30E-05	
248	0.000826	4.29E-05	0.002245
0.000121	0.000917	9.59E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 284

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000826	6.61E-05	0.004883
0.000250	0.000933	0.000102	
250	0.000827	9.13E-05	0.006820
0.000357	0.000822	9.14E-05	
251	0.000827	0.000111	0.008067
0.000437	0.000609	7.55E-05	
252	0.000827	0.000122	0.008600
0.000477	0.000421	6.70E-05	
253	0.000827	0.000122	0.008600
0.000476	0.000321	6.32E-05	
254	0.000827	0.000111	0.008065
0.000435	0.000347	6.15E-05	
255	0.000827	9.12E-05	0.006817
0.000355	0.000454	6.33E-05	
256	0.000827	6.62E-05	0.004881
0.000247	0.000571	6.92E-05	
257	0.000828	4.33E-05	0.002244
0.000119	0.000659	7.17E-05	
258	0.000828	2.97E-05	7.07E-05
5.67E-05	0.000746	7.44E-05	
259	0.000828	1.88E-05	0.002449
0.000123	0.000856	8.99E-05	
260	0.000893	3.40E-05	0.005369
0.000255	0.000874	0.000101	
261	0.000829	5.18E-05	0.007559
0.000365	0.000770	9.55E-05	
262	0.000830	6.79E-05	0.009017
0.000446	0.000567	8.37E-05	
263	0.000830	7.62E-05	0.009757
0.000486	0.000393	7.04E-05	
264	0.000830	7.49E-05	0.009999
0.000484	0.000310	6.02E-05	
265	0.000829	6.47E-05	0.009432
0.000442	0.000364	5.71E-05	
266	0.000828	5.10E-05	0.008016
0.000363	0.000493	6.59E-05	
267	0.000827	3.91E-05	0.005768
0.000261	0.000646	7.79E-05	
268	0.000826	3.71E-05	0.002664
0.000139	0.000765	8.42E-05	
269	0.000825	4.29E-05	7.30E-05
8.36E-05	0.000872	8.89E-05	
270	0.000824	5.34E-05	0.002027
0.000151	0.000999	0.000108	
271	0.000823	7.71E-05	0.004262
0.000288	0.001033	0.000122	
272	0.000822	0.000106	0.005721
0.000407	0.000927	0.000114	
273	0.000821	0.000133	0.006479
0.000495	0.000710	9.81E-05	
274	0.000823	0.000153	0.006599
0.000544	0.000463	7.80E-05	
275	0.000820	0.000163	0.006173
0.000549	0.000322	6.37E-05	
276	0.000820	0.000162	0.005302
0.000506	0.000332	6.12E-05	
277	0.000820	0.000145	0.004084
0.000416	0.000381	6.29E-05	
278	0.000820	0.000145	0.002609
0.000276	0.000416	6.53E-05	
279	0.000820	0.000136	0.000958
7.84E-05	0.000387	5.55E-05	
280	0.000820	0.000134	0.000113
6.92E-05	0.000352	6.68E-05	
281	0.001052	2.55E-05	.000000
9.76E-05	0.001109	9.68E-06	.000000
282	0.001080	3.39E-05	.000000
0.000103	0.000592	7.53E-06	.000000
283	0.001415	.000000	.000000
7.41E-05	0.000702	9.36E-06	.000000
284	0.000000	0.000000	.000000
5.38E-05	0.000643	7.85E-06	.000000
285	0.001452	7.56E-05	.000000
3.90E-05	0.000770	9.53E-06	.000000
286	0.001241	2.47E-05	.000000
8.59E-05	0.000346	8.71E-06	.000000
287	0.001105	0.000106	.000000
0.000108	0.001218	4.35E-06	.000000
288	0.001185	2.63E-05	.000000
7.42E-05	0.000627	2.45E-06	.000000
289	0.001504	.000000	.000000
3.10E-05	0.000743	4.89E-06	.000000
290	.000000	.000000	.000000
3.64E-06	0.000683	3.33E-06	.000000
291	0.001541	8.02E-05	.000000
8.64E-06	0.000812	4.89E-06	.000000
292	0.001386	0.000108	.000000
2.39E-05	0.000348	5.02E-06	.000000
293	0.001130	5.85E-05	.000000
0.000193	0.001240	1.08E-05	.000000
294	0.001213	2.68E-05	.000000
0.000113	0.000635	7.18E-06	.000000
295	0.001532	3.43E-05	.000000
0.000166	0.000737	9.48E-06	.000000
296	2.90E-06	8.44E-05	.000000
3.80E-05	0.000700	8.21E-06	.000000
297	0.001499	0.000441	.000000
8.67E-06	0.000816	9.49E-06	
298	0.001396	0.000357	.000000
6.10E-05	0.000357	8.11E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 285

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL-G3-4 ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000861	-9.36E-05	-1.82E-07
-0.000102	-0.000344	-8.15E-06	
2	-0.000860	-9.35E-05	-0.003049
-0.000113	-0.000340	-7.98E-06	
3	-0.000859	-0.000109	-0.008157
-0.000141	-0.000314	-7.09E-06	
4	-0.000858	-0.000133	-0.012266
-0.000173	-0.000269	-6.50E-06	
5	-0.000857	-0.000151	-0.015065
-0.000192	-0.000210	-5.82E-06	
6	-0.000856	-0.000160	-0.016324
-0.000196	-0.000171	-5.57E-06	
7	-0.000856	-0.000158	-0.015951
-0.000188	-0.000257	-5.89E-06	
8	-0.000855	-0.000148	-0.014044
-0.000170	-0.000504	-6.76E-06	
9	-0.000854	-0.000132	-0.010898
-0.000140	-0.000709	-8.22E-06	
10	-0.000853	-0.000122	-0.006976
-0.000100	-0.000817	-1.05E-05	
11	-0.000852	-0.000123	-0.002797
-5.09E-05	-0.000820	-1.12E-05	
12	-0.000851	-0.000130	-4.25E-07
-2.92E-05	-0.000764	-1.08E-05	
13	-0.000851	-0.000129	-0.002169
-4.87E-05	-0.000680	-8.58E-06	
14	-0.000850	-0.000141	-0.005473
-0.000107	-0.000532	-7.90E-06	
15	-0.000850	-0.000167	-0.008593
-0.000155	-0.000379	-8.55E-06	
16	-0.000849	-0.000187	-0.011065
-0.000184	-0.000244	-5.07E-06	
17	-0.000849	-0.000196	-0.012451
-0.000194	-0.000166	-4.16E-06	
18	-0.000848	-0.000189	-0.012524
-0.000189	-0.000210	-3.89E-06	
19	-0.000848	-0.000169	-0.011265
-0.000176	-0.000378	-4.59E-06	
20	-0.000848	-0.000138	-0.008868
-0.000146	-0.000564	-6.13E-06	
21	-0.000847	-0.000109	-0.005741
-0.000101	-0.000668	-8.60E-06	
22	-0.000847	-8.83E-05	-0.002322
-4.35E-05	-0.000681	-9.89E-06	
23	-0.000847	-8.89E-05	-4.04E-07
-1.84E-05	-0.000640	-8.45E-06	
24	-0.000847	-9.39E-05	-0.002534
-4.37E-05	-0.000573	-8.06E-06	
25	-0.000846	-0.000112	-0.006249
-0.000103	-0.000454	-7.58E-06	
26	-0.000846	-0.000138	-0.009648
-0.000149	-0.000337	-6.40E-06	
27	-0.000846	-0.000161	-0.012273
-0.000179	-0.000226	-4.92E-06	
28	-0.000845	-0.000173	-0.013692
-0.000190	-0.000175	-4.08E-06	
29	-0.000845	-0.000172	-0.013693
-0.000189	-0.000248	-4.38E-06	
30	-0.000844	-0.000159	-0.012274
-0.000178	-0.000429	-4.38E-06	
31	-0.000844	-0.000137	-0.009650
-0.000149	-0.000624	-6.21E-06	
32	-0.000844	-0.000111	-0.006251
-0.000102	-0.000732	-8.69E-06	
33	-0.000843	-9.34E-05	-0.002535
-4.43E-05	-0.000745	-9.98E-06	
34	-0.000843	-8.92E-05	-4.04E-07
-1.90E-05	-0.000703	-8.64E-06	
35	-0.000843	-8.83E-05	-0.002323
-4.20E-05	-0.000633	-8.55E-06	
36	-0.000843	-0.000104	-0.005742
-9.91E-05	-0.000509	-7.44E-06	
37	-0.000844	-0.000129	-0.008869
-0.000144	-0.000394	-6.93E-06	
38	-0.000844	-0.000153	-0.011266
-0.000174	-0.000270	-5.35E-06	
39	-0.000844	-0.000168	-0.012524
-0.000186	-0.000199	-4.09E-06	
40	-0.000844	-0.000170	-0.012451
-0.000192	-0.000258	-3.74E-06	
41	-0.000843	-0.000157	-0.011065
-0.000182	-0.000421	-4.04E-06	
42	-0.000843	-0.000134	-0.008593
-0.000153	-0.000588	-5.68E-06	
43	-0.000843	-0.000113	-0.005472
-0.000104	-0.000667	-8.11E-06	
44	-0.000841	-0.000105	-0.002169
-4.57E-05	-0.000651	-9.42E-06	
45	-0.000841	-0.000106	-4.22E-07
-2.82E-05	-0.000589	-8.13E-06	
46	-0.000840	-0.000117	-0.002799
-4.84E-05	-0.000527	-7.81E-06	
47	-0.000839	-0.000126	-0.006980
-9.77E-05	-0.000366	-7.46E-06	
48	-0.000838	-0.000153	-0.010903
-0.000139	-0.000225	-6.50E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 286

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000837	-0.000179	-0.014051
-0.000171	-0.000837	-5.30E-06	
50	-0.000837	-0.000196	-0.015957
-0.000189	-1.48E-05	-3.71E-06	
51	-0.000837	-0.000202	-0.016332
-0.000198	-0.000180	-2.63E-06	
52	-0.000836	-0.000194	-0.015073
-0.000195	-0.000452	-2.81E-06	
53	-0.000836	-0.000178	-0.012273
-0.000177	-0.000725	-4.01E-06	
54	-0.000836	-0.000143	-0.008162
-0.000146	-0.000954	-6.26E-06	
55	-0.000836	-0.000119	-0.003051
-0.000120	-0.001091	-9.50E-06	
56	-0.000837	-0.000112	-1.83E-07
-0.000110	-0.001138	-1.04E-05	
57	-0.000891	-5.86E-05	-3.91E-07
-0.000165	-0.000345	-6.05E-06	
58	-0.000891	-5.23E-05	-0.003347
-0.000172	-0.000341	-5.20E-06	
59	-0.000892	-4.39E-05	-0.008903
-0.000254	-0.000316	-2.81E-06	
60	-0.000893	-3.83E-05	-0.013322
-0.000320	-0.000272	-2.37E-06	
61	-0.000891	-3.32E-05	-0.016309
-0.000359	-0.000213	-3.08E-06	
62	-0.000890	-2.97E-05	-0.017636
-0.000369	-0.000192	-4.05E-06	
63	-0.000889	-2.58E-05	-0.017206
-0.000352	-0.000312	-4.92E-06	
64	-0.000887	-3.20E-05	-0.015131
-0.000311	-0.000564	-5.42E-06	
65	-0.000885	-3.72E-05	-0.011723
-0.000253	-0.000782	-5.38E-06	
66	-0.000884	-5.00E-05	-0.007481
-0.000181	-0.000896	-6.89E-06	
67	-0.000882	-7.00E-05	-0.002975
-9.38E-05	-0.000888	-4.41E-06	
68	-0.000881	-8.36E-05	-8.71E-07
-5.52E-05	-0.000810	-4.11E-06	
69	-0.000881	-9.52E-05	-0.002339
-0.000103	-0.000702	-5.27E-06	
70	-0.000881	-0.000105	-0.005954
-0.000212	-0.000536	-3.57E-06	
71	-0.000880	-0.000114	-0.009374
-0.000293	-0.000379	-1.55E-06	
72	-0.000880	-0.000112	-0.012076
-0.000342	-0.000244	-1.40E-06	
73	-0.000880	-0.000104	-0.013586
-0.000361	-0.000179	-1.96E-06	
74	-0.000881	-9.14E-05	-0.013657
-0.000353	-0.000250	-2.77E-06	
75	-0.000882	-7.63E-05	-0.012274
-0.000323	-0.000425	-3.61E-06	
76	-0.000883	-5.92E-05	-0.009648
-0.000266	-0.000626	-4.15E-06	
77	-0.000884	-4.23E-05	-0.006223
-0.000186	-0.000739	-4.41E-06	
78	-0.000885	-3.01E-05	-0.002493
-8.81E-05	-0.000745	-4.24E-06	
79	-0.000885	-3.72E-05	-8.52E-07
-2.75E-05	-0.000682	-4.04E-06	
80	-0.000886	-4.71E-05	-0.002703
-9.33E-05	-0.000593	-5.07E-06	
81	-0.000887	-6.10E-05	-0.006725
-0.000198	-0.000458	-3.92E-06	
82	-0.000887	-7.18E-05	-0.010418
-0.000278	-0.000337	-2.43E-06	
83	-0.000888	-7.75E-05	-0.013269
-0.000331	-0.000226	-1.70E-06	
84	-0.000888	-7.87E-05	-0.014810
-0.000355	-0.000187	-1.83E-06	
85	-0.000888	-7.74E-05	-0.014810
-0.000355	-0.000282	-2.28E-06	
86	-0.000889	-7.52E-05	-0.013269
-0.000330	-0.000470	-2.76E-06	
87	-0.000889	-6.91E-05	-0.010418
-0.000276	-0.000681	-3.46E-06	
88	-0.000890	-5.88E-05	-0.006725
-0.000196	-0.000798	-4.05E-06	
89	-0.000891	-4.67E-05	-0.002703
-9.18E-05	-0.000806	-4.16E-06	
90	-0.000891	-3.79E-05	-8.52E-07
-2.80E-05	-0.000743	-4.07E-06	
91	-0.000891	-3.04E-05	-0.002493
-8.81E-05	-0.000652	-5.38E-06	
92	-0.000892	-3.66E-05	-0.006222
-0.000185	-0.000512	-4.41E-06	
93	-0.000893	-4.61E-05	-0.009647
-0.000264	-0.000394	-2.99E-06	
94	-0.000893	-5.34E-05	-0.012273
-0.000321	-0.000270	-2.21E-06	
95	-0.000893	-5.83E-05	-0.013655
-0.000351	-0.000212	-2.02E-06	
96	-0.000893	-6.07E-05	-0.013584
-0.000360	-0.000287	-2.11E-06	
97	-0.000893	-6.07E-05	-0.012075
-0.000342	-0.000456	-2.35E-06	
98	-0.000892	-5.92E-05	-0.009373
-0.000292	-0.000641	-2.82E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 287

< MOVING LOAD >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000891	-5.54E-05	-0.005953
-0.000212	-0.000731	-3.27E-06	
100	-0.000890	-5.17E-05	-0.002339
-0.000104	-0.000709	-3.25E-06	
101	-0.000889	-5.13E-05	-8.77E-07
-5.21E-05	-0.000628	-3.36E-06	
102	-0.000888	-5.43E-05	-0.002975
-9.41E-05	-0.000520	-4.67E-06	
103	-0.000886	-6.33E-05	-0.007482
-0.000181	-0.000365	-3.75E-06	
104	-0.000884	-7.29E-05	-0.011726
-0.000253	-0.000249	-2.36E-06	
105	-0.000883	-7.97E-05	-0.015134
-0.000311	-8.70E-05	-1.56E-06	
106	-0.000881	-8.44E-05	-0.017208
-0.000352	-2.86E-05	-1.04E-06	
107	-0.000880	-8.71E-05	-0.017638
-0.000369	-0.000195	-8.03E-07	
108	-0.000880	-8.80E-05	-0.016310
-0.000358	-0.000472	-1.10E-06	
109	-0.000880	-8.75E-05	-0.013322
-0.000319	-0.000767	-1.62E-06	
110	-0.000880	-8.68E-05	-0.008903
-0.000252	-0.001024	-2.49E-06	
111	-0.000881	-8.85E-05	-0.003347
-0.000167	-0.001190	-4.01E-06	
112	-0.000881	-9.13E-05	-3.88E-07
-0.000159	-0.001217	-4.50E-06	
113	-0.000917	-6.25E-05	-3.06E-07
-0.000189	-0.000348	-9.15E-06	
114	-0.000917	-5.80E-05	-0.003414
-0.000233	-0.000344	-9.09E-06	
115	-0.000918	-5.28E-05	-0.009100
-0.000325	-0.000319	-8.43E-06	
116	-0.000918	-7.16E-05	-0.013629
-0.000388	-0.000275	-7.22E-06	
117	-0.000917	-9.07E-05	-0.016684
-0.000419	-0.000215	-5.86E-06	
118	-0.000916	-0.000106	-0.018031
-0.000421	-0.000186	-5.73E-06	
119	-0.000914	-0.000118	-0.017582
-0.000400	-0.000344	-6.47E-06	
120	-0.000912	-0.000120	-0.015448
-0.000356	-0.000594	-7.53E-06	
121	-0.000909	-0.000113	-0.011952
-0.000288	-0.000814	-8.60E-06	
122	-0.000907	-9.71E-05	-0.007613
-0.000202	-0.000925	-9.21E-06	
123	-0.000905	-8.36E-05	-0.003023
-0.000108	-0.000910	-9.24E-06	
124	-0.000904	-8.71E-05	-7.35E-07
-7.97E-05	-0.000829	-8.91E-06	
125	-0.000903	-7.61E-05	-0.002379
-0.000121	-0.000717	-8.45E-06	
126	-0.000902	-0.000121	-0.006063
-0.000226	-0.000544	-7.25E-06	
127	-0.000902	-0.000145	-0.009562
-0.000317	-0.000381	-5.48E-06	
128	-0.000902	-0.000160	-0.012332
-0.000375	-0.000245	-4.46E-06	
129	-0.000903	-0.000165	-0.013881
-0.000398	-0.000181	-4.04E-06	
130	-0.000904	-0.000159	-0.013954
-0.000391	-0.000265	-4.59E-06	
131	-0.000905	-0.000144	-0.012533
-0.000359	-0.000444	-5.51E-06	
132	-0.000906	-0.000120	-0.009840
-0.000297	-0.000650	-7.18E-06	
133	-0.000907	-8.75E-05	-0.006335
-0.000208	-0.000761	-8.20E-06	
134	-0.000908	-5.01E-05	-0.002536
-0.000106	-0.000763	-8.65E-06	
135	-0.000909	-3.69E-05	-7.03E-07
-7.55E-05	-0.000699	-8.59E-06	
136	-0

157	-0.000907	-5.39E-05	-7.31E-07
-7.82E-05	-0.000642	-7.85E-06	
158	-0.000906	-7.19E-05	-0.003023
-0.000104	-0.000534	-7.57E-06	
159	-0.000903	-0.000101	-0.007612
-0.000200	-0.000373	-6.48E-06	
160	-0.000901	-0.000125	-0.011952
-0.000287	-0.000221	-4.84E-06	
161	-0.000898	-0.000139	-0.015447
-0.000356	-8.47E-05	-3.07E-06	
162	-0.000896	-0.000144	-0.017581
-0.000401	-3.96E-05	-2.06E-06	
163	-0.000894	-0.000139	-0.018032
-0.000421	-0.000184	-2.57E-06	
164	-0.000893	-0.000127	-0.016685
-0.000420	-0.000470	-4.50E-06	
165	-0.000893	-0.000110	-0.013630
-0.000390	-0.000778	-6.98E-06	
166	-0.000893	-9.69E-05	-0.009101
-0.000327	-0.001046	-9.14E-06	
167	-0.000894	-9.08E-05	-0.003414
-0.000236	-0.001219	-1.04E-05	
168	-0.000895	-9.21E-05	-3.09E-07
-0.000193	-0.001248	-1.05E-05	
169	-0.000874	-5.31E-05	-0.000140
-0.000227	-0.000347	-6.07E-05	
170	-0.000874	-5.99E-05	-0.003292
-0.000150	-0.000370	-4.92E-05	
171	-0.000874	-7.48E-05	-0.008644
-0.000220	-0.000385	-5.80E-05	
172	-0.000874	-8.72E-05	-0.012924
-0.000277	-0.000348	-5.54E-05	
173	-0.000873	-9.55E-05	-0.015836
-0.000313	-0.000298	-5.25E-05	
174	-0.000872	-9.89E-05	-0.017138
-0.000328	-0.000278	-5.16E-05	
175	-0.000871	-9.71E-05	-0.016728
-0.000320	-0.000375	-6.16E-05	
176	-0.000870	-8.99E-05	-0.014715
-0.000292	-0.000622	-8.42E-05	
177	-0.000869	-8.11E-05	-0.011416
-0.000250	-0.000834	-0.000103	
178	-0.000868	-7.98E-05	-0.007308
-0.000201	-0.000943	-0.000113	
179	-0.000866	-8.38E-05	-0.002934
-0.000129	-0.000993	-0.000103	
180	-0.000865	-9.41E-05	-9.78E-05
-8.45E-05	-0.000827	-8.78E-05	
181	-0.000864	-0.000102	-0.002307
-0.000127	-0.000730	-8.60E-05	
182	-0.000864	-0.000118	-0.005796
-0.000208	-0.000611	-8.05E-05	
183	-0.000863	-0.000135	-0.009090
-0.000265	-0.000460	-6.87E-05	
184	-0.000863	-0.000145	-0.011700
-0.000305	-0.000330	-5.82E-05	
185	-0.000863	-0.000147	-0.013164
-0.000322	-0.000267	-5.52E-05	
186	-0.000864	-0.000139	-0.013236
-0.000318	-0.000325	-6.00E-05	
187	-0.000864	-0.000122	-0.011899
-0.000296	-0.000493	-7.26E-05	
188	-0.000865	-9.77E-05	-0.009363
-0.000254	-0.000687	-8.43E-05	
189	-0.000865	-7.08E-05	-0.006063
-0.000199	-0.000791	-8.98E-05	
190	-0.000866	-5.00E-05	-0.002459
-0.000122	-0.000789	-7.99E-05	
191	-0.000866	-5.00E-05	-8.50E-05
-6.96E-05	-0.000701	-6.60E-05	
192	-0.000866	-6.06E-05	-0.002667
-0.000121	-0.000623	-6.29E-05	
193	-0.000867	-8.33E-05	-0.006567
-0.000198	-0.000533	-5.62E-05	
194	-0.000866	-0.000104	-0.010137
-0.000256	-0.000418	-4.52E-05	
195	-0.000866	-0.000119	-0.012899
-0.000296	-0.000311	-3.89E-05	
196	-0.000866	-0.000126	-0.014396
-0.000315	-0.000274	-4.51E-05	
197	-0.000866	-0.000124	-0.014396
-0.000314	-0.000361	-6.14E-05	
198	-0.000867	-0.000116	-0.012900
-0.000294	-0.000543	-8.17E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000867	-0.000100	-0.010139
-0.000254	-0.000746	-9.73E-05	
200	-0.000867	-8.05E-05	-0.006568
-0.000196	-0.000853	-0.000105	
201	-0.000867	-5.91E-05	-0.002669
-0.000119	-0.000850	-9.64E-05	
202	-0.000867	-5.01E-05	-8.54E-05
-6.96E-05	-0.000761	-8.30E-05	
203	-0.000867	-4.99E-05	-0.002458
-0.000121	-0.000680	-8.30E-05	
204	-0.000867	-6.60E-05	-0.006062
-0.000197	-0.000586	-8.19E-05	
205	-0.000868	-8.67E-05	-0.009362
-0.000251	-0.000473	-7.32E-05	
206	-0.000868	-0.000105	-0.011898
-0.000293	-0.000353	-6.21E-05	
207	-0.000868	-0.000116	-0.013235
-0.000315	-0.000297	-5.90E-05	
208	-0.000868	-0.000117	-0.013162
-0.000321	-0.000370	-5.71E-05	
209	-0.000868	-0.000109	-0.011699
-0.000304	-0.000534	-6.34E-05	
210	-0.000867	-9.69E-05	-0.009089
-0.000264	-0.000709	-7.55E-05	
211	-0.000867	-8.12E-05	-0.005794
-0.000207	-0.000787	-8.31E-05	
212	-0.000866	-7.00E-05	-0.002305
-0.000127	-0.000753	-7.64E-05	
213	-0.000865	-6.66E-05	-8.73E-05
-8.45E-05	-0.000644	-6.45E-05	
214	-0.000863	-7.29E-05	-0.002939
-0.000130	-0.000547	-6.29E-05	
215	-0.000862	-9.09E-05	-0.007313
-0.000201	-0.000437	-5.94E-05	
216	-0.000860	-0.000112	-0.011421
-0.000250	-0.000399	-5.17E-05	
217	-0.000859	-0.000129	-0.014720
-0.000293	-0.000172	-4.79E-05	
218	-0.000859	-0.000139	-0.016732
-0.000321	-0.000111	-4.77E-05	
219	-0.000858	-0.000143	-0.017142
-0.000329	-0.000287	-5.77E-05	
220	-0.000859	-0.000140	-0.015838
-0.000314	-0.000560	-8.03E-05	
221	-0.000859	-0.000129	-0.012923
-0.000278	-0.000840	-0.000107	
222	-0.000859	-0.000111	-0.008639
-0.000221	-0.001074	-0.000133	
223	-0.000861	-8.93E-05	-0.003283
-0.000150	-0.001199	-0.000126	
224	-0.000862	-7.98E-05	-0.000142
-0.000225	-0.001187	-0.000156	
225	-0.000902	-5.81E-05	-0.000137
-0.000184	-0.000354	-7.00E-05	
226	-0.000903	-5.24E-05	-0.003408
-0.000178	-0.000388	-5.83E-05	
227	-0.000904	-4.54E-05	-0.009081
-0.000335	-0.000417	-6.88E-05	
228	-0.000904	-4.16E-05	-0.013597
-0.000418	-0.000381	-6.59E-05	
229	-0.000904	-4.44E-05	-0.016655
-0.000457	-0.000333	-6.27E-05	
230	-0.000905	-5.22E-05	-0.018004
-0.000466	-0.000322	-6.38E-05	
231	-0.000902	-5.73E-05	-0.017558
-0.000449	-0.000462	-7.54E-05	
232	-0.000900	-5.90E-05	-0.015425
-0.000405	-0.000709	-9.63E-05	
233	-0.000898	-5.84E-05	-0.011938
-0.000335	-0.000927	-0.000116	
234	-0.000896	-5.98E-05	-0.007613
-0.000240	-0.001033	-0.000127	
235	-0.000894	-6.82E-05	-0.003029
-0.000117	-0.000999	-0.000115	
236	-0.000893	-8.27E-05	-0.000112
-6.09E-05	-0.000872	-9.57E-05	
237	-0.000892	-9.63E-05	-0.002387
-0.000137	-0.000765	-9.31E-05	
238	-0.000891	-0.000111	-0.006071
-0.000274	-0.000647	-8.74E-05	
239	-0.000891	-0.000120	-0.009565
-0.000369	-0.000493	-7.40E-05	
240	-0.000891	-0.000125	-0.012336
-0.000428	-0.000364	-6.28E-05	
241	-0.000892	-9.31E-05	-0.013886
-0.000450	-0.000310	-5.89E-05	
242	-0.000892	-0.000114	-0.013959
-0.000443	-0.000393	-6.78E-05	
243	-0.000893	-0.000100	-0.012535
-0.000411	-0.000567	-8.39E-05	
244	-0.000894	-7.98E-05	-0.009842
-0.000347	-0.000770	-9.12E-05	
245	-0.000895	-5.48E-05	-0.006343
-0.000250	-0.000875	-0.000104	
246	-0.000896	-3.22E-05	-0.002543
-0.000118	-0.000856	-9.33E-05	
247	-0.000897	-3.44E-05	-0.000101
-4.99E-05	-0.000746	-7.70E-05	
248	-0.000897	-4.82E-05	-0.002753
-0.000121	-0.000659	-7.37E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000898	-6.65E-05	-0.006842
-0.000259	-0.000571	-6.98E-05	
250	-0.000898	-8.32E-05	-0.010606
-0.000357	-0.000454	-6.02E-05	
251	-0.000898	-9.45E-05	-0.013523
-0.000419	-0.000347	-5.38E-05	
252	-0.000898	-9.92E-05	-0.015104
-0.000445	-0.000321	-5.98E-05	
253	-0.000898	-9.87E-05	-0.015103
-0.000444	-0.000421	-7.26E-05	
254	-0.000899	-9.44E-05	-0.013522
-0.000417	-0.000609	-9.45E-05	
255	-0.000899	-8.35E-05	-0.010605
-0.000355	-0.000822	-0.000100	
256	-0.000899	-6.65E-05	-0.006840
-0.000256	-0.000933	-0.000106	
257	-0.000900	-4.83E-05	-0.002752
-0.000119	-0.000917	-9.52E-05	
258	-0.000900	-3.57E-05	-0.000101
-4.98E-05	-0.000806	-7.94E-05	
259	-0.000901	-2.71E-05	-0.002543
-0.000116	-0.000718	-7.71E-05	
260	-0.000901	-4.55E-05	-0.006341
-0.000247	-0.000624	-7.48E-05	
261	-0.000902	-6.24E-05	-0.009839
-0.000344	-0.000509	-6.80E-05	
262	-0.000902	-7.65E-05	-0.012532
-0.000409	-0.000391	-6.49E-05	
263	-0.000902	-8.46E-05	-0.013956
-0.000441	-0.000347	-6.55E-05	
264	-0.000902	-8.61E-05	-0.013884
-0.000449	-0.000422	-6.28E-05	
265	-0.000902	-8.13E-05	-0.012334
-0.000427	-0.000593	-7.53E-05	
266	-0.000901	-7.26E-05	-0.009564
-0.000369	-0.000780	-8.88E-05	
267	-0.000900	-6.14E-05	-0.006071
-0.000274	-0.000863	-9.70E-05	
268	-0.000899	-5.12E-05	-0.002388
-0.000136	-0.000819	-8.86E-05	
269	-0.000897	-4.92E-05	-0.000101
-5.98E-05	-0.000689	-7.45E-05	
270	-0.000896	-5.56E-05	-0.003026
-0.000116	-0.000584	-7.30E-05	
271	-0.000894	-7.21E-05	-0.007611
-0.000240	-0.000474	-7.00E-05	
272	-0.000892	-8.73E-05	-0.011938
-0.000335	-0.000331	-6.19E-05	
273	-0.000889	-9.60E-05	-0.015425
-0.000405	-0.000205	-5.63E-05	
274	-0.000888	-9.85E-05	-0.017559
-0.000449	-0.000165	-5.36E-05	
275	-0.000886	-9.90E-05	-0.018006
-0.000467	-0.000324	-6.04E-05	
276	-0.000886	-9.05E-05	-0.016656
-0.000457	-0.000603	-8.16E-05	
277	-0.000886	-8.80E-05	-0.013599
-0.000418	-0.000902	-0.000108	
278	-0.000887	-8.09E-05	-0.009087
-0.000335	-0.001157	-0.000135	
279	-0.000888	-8.78E-05	-0.003416
-0.000179	-0.001296	-0.000128	
280	-0.000888	-8.98E-05	-0.000136
-0.000186	-0.001284	-0.000157	
281	-0.001927	-1.39E-05	.000000
-9.62E-05	-0.000343	-4.15E-06	
282	-0.000940	-2.95E-05	.000000
-1.96E-05	-0.000762	-9.02E-06	
283	-0.001668	.000000	.000000
-1.84E-05	-0.000640	-8.45E-06	
284	.000000	.000000	.000000
5.46E-23	-0.000702	-8.64E-06	
285	-0.001646	-8.43E-05	.000000
-4.51E-21	-0.000588	-8.13E-06	
286	-0.000564	-1.12E-05	.000000
-7.27E-05	-0.001112	-1.04E-05	
287	-0.002058	-5.71E-05	.000000
-0.000124	-0.000341	-6.05E-06	
288	-0.001011	-3.08E-05	.000000
-6.22E-05	-0.000810	-4.51E-06	
289	-0.001751	.000000	.000000
-2.75E-05	-0.000682	-4.04E-06	
290	.000000	.000000	.000000
-1.05E-21	-0.000743	-4.07E-06	
291	-0.001737	-9.04E-05	.000000
-8.12E-06	-0.000629	-3.36E-06	
292	-0.000606	-4.71E-05	.000000
-6.90E-21	-0.001223	-4.50E-06	
293	-0.002116	-2.46E-21	.000000
-0.000162	-0.000335	-9.15E-06	
294	-0.001049	-7.84E-05	.000000
-0.000144	-0.000819	-8.91E-06	
295	-0.001782	-1.25E-05	.000000
-0.000168	-0.000677	-8.59E-06	
296	-2.20E-06	-0.000111	.000000
-5.13E-05	-0.000760	-8.90E-06	
297	-0.001674	-0.000525	.000000
-6.67E-05	-0.000641	-7.85E-06	
298	-0.000598	-0.000213	.000000
1.85E-20	-0.001250	-1.25E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000535	0.000193	4.26E-08
6.10E-05	0.000971	9.37E-06	
2	0.000535	0.000198	0.000724
0.000102	0.000943	8.23E-06	
3	0.000535	0.000217	0.001978
0.000214	0.000801	7.08E-06	
4	0.000535	0.000240	0.003096
0.000308	0.000596	5.27E-06	
5	0.000536	0.000252	0.004021
0.000366	0.000375	3.73E-06	
6	0.000536	0.000247	0.004684
0.000396	0.000158	2.45E-06	
7	0.000537	0.000222	0.005012
0.000396	1.46E-05	3.57E-06	
8	0.000537	0.000180	0.004928
0.000365	6.75E-05	4.59E-06	
9	0.000537	0.000128	0.004359
0.000303	0.000169	5.17E-06	
10	0.000538	7.26E-05	0.003253
0.000213	0.000282	6.06E-06	
11	0.000538	4.43E-05	0.001551
0.000125	0.000403	7.44E-06	
12	0.000539	6.80E-05	6.24E-08
7.13E-05	0.000485	6.91E-06	
13	0.000539	9.03E-05	0.001702
7.64E-05	0.000556	5.59E-06	
14	0.000539	0.000124	0.003496
0.000158	0.000586	7.83E-06	
15	0.000539	0.000157	0.004571
0.000234	0.000528	6.81E-06	
16	0.000539	0.000182	0.005020
0.000298	0.000393	5.37E-06	
17	0.000540	0.000193	0.004918
0.000335	0.000217	3.56E-06	
18	0.000540	0.000187	0.004387
0.000342	0.000142	3.23E-06	
19	0.000541	0.000164	0.004289
0.000318	0.000188	4.43E-06	
20	0.000542	0.000128	0.003896
0.000262	0.000207	5.17E-06	
21	0.000542	8.54E-05	0.002974
0.000182	0.000244	6.03E-06	
22	0.000543	4.51E-05	0.001446
0.000104	0.000370	7.42E-06	
23	0.000544	3.96E-05	7.09E-08
5.53E-05	0.000460	7.01E-06	
24	0.000540	6.29E-05	0.001457
8.88E-05	0.000539	8.34E-06	
25	0.000545	0.000101	0.002992
0.000169	0.000580	8.72E-06	
26	0.000546	0.000139	0.003910
0.000247	0.000531	7.77E-06	
27	0.000547	0.000176	0.004294
0.000307	0.000404	6.22E-06	
28	0.000547	0.000186	0.004206
0.000338	0.000231	4.08E-06	
29	0.000548	0.000186	0.004202
0.000338	0.000120	2.96E-06	
30	0.000549	0.000169	0.004289
0.000307	0.000160	4.33E-06	
31	0.000551	0.000138	0.003905
0.000247	0.000177	5.20E-06	
32	0.000552	0.000100	0.002987
0.000169	0.000243	5.89E-06	
33	0.000554	6.28E-05	0.001454
8.90E-05	0.000371	6.70E-06	
34	0.000550	4.08E-05	7.09E-08
5.49E-05	0.000463	6.54E-06	
35	0.000555	4.19E-05	0.001443
0.000103	0.000545	8.14E-06	
36	0.000556	7.80E-05	0.002969
0.000181	0.000592	8.66E-06	
37	0.000556	0.000116	0.003890
0.000261	0.000548	7.82E-06	
38	0.000556	0.000147	0.004284
0.000316	0.000423	6.35E-06	
39	0.000555	0.000166	0.004391
0.000341	0.000249	4.19E-06	
40	0.000554	0.000167	0.004922
0.000334	0.000102	3.08E-06	
41	0.000552	0.000153	0.005024
0.000297	0.000156	4.42E-06	
42	0.000549	0.000124	0.004574
0.000233	0.000175	5.23E-06	
43	0.000548	8.62E-05	0.003498
0.000157	0.000283	5.84E-06	
44	0.000546	5.17E-05	0.001703
7.40E-05	0.000433	7.58E-06	
45	0.000545	3.74E-05	6.12E-08
7.51E-05	0.000538	8.19E-06	
46	0.000545	6.08E-05	0.001551
0.000128	0.000635	9.73E-06	
47	0.000543	0.000104	0.003254
0.000215	0.000714	1.08E-05	
48	0.000542	0.000156	0.004360
0.000304	0.000673	1.09E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000542	0.000205	0.004930
0.000366	0.000551	9.86E-06	
50	0.000541	0.000242	0.005014
0.000397	0.000363	7.64E-06	
51	0.000541	0.000262	0.004687
0.000397	0.000174	5.27E-06	
52	0.000541	0.000262	0.004024
0.000367	0.000157	4.61E-06	
53	0.000541	0.000245	0.003099
0.000309	0.000202	5.85E-06	
54	0.000542	0.000218	0.001980
0.000215	0.000236	7.00E-06	
55	0.000542	0.000195	0.000725
0.000103	0.000257	9.66E-06	
56	0.000543	0.000189	4.32E-08
6.34E-05	0.000260	1.03E-05	
57	0.000513	0.000108	2.48E-08
5.25E-05	0.000876	5.92E-06	
58	0.000513	0.000106	0.000688
8.52E-05	0.000856	4.91E-06	
59	0.000514	0.000109	0.001880
0.000253	0.000745	2.44E-06	
60	0.000514	0.000104	0.002941
0.000395	0.000572	1.54E-06	
61	0.000514	0.000101	0.003816
0.000487	0.000372	1.36E-06	
62	0.000514	7.86E-05	0.004437
0.000529	0.000177	1.46E-06	
63	0.000514	6.01E-05	0.004733
0.000520	3.29E-05	1.58E-06	
64	0.000514	3.86E-05	0.004635
0.000464	6.90E-05	1.64E-06	
65	0.000515	3.13E-05	0.004081
0.000367	0.000164	1.62E-06	
66	0.000514	3.87E-05	0.003030
0.000244	0.000268	2.43E-06	
67	0.000514	4.66E-05	0.001439
0.000117	0.000277	3.01E-06	
68	0.000514	5.02E-05	3.90E-08
5.46E-05	0.000451	2.11E-06	
69	0.000514	5.00E-05	0.001583
9.44E-05	0.000512	3.06E-06	
70	0.000514	5.60E-05	0.003266
0.000185	0.000536	2.54E-06	
71	0.000514	6.13E-05	0.004292
0.000300	0.000484	1.61E-06	
72	0.000514	6.33E-05	0.004736
0.000393	0.000363	1.21E-06	
73	0.000514	6.05E-05	0.004659
0.000446	0.000202	1.62E-06	
74	0.000514	5.38E-05	0.004169
0.000453	0.000134	2.08E-06	
75	0.000514	4.29E-05	0.004028
0.000411	0.000179	2.37E-06	
76	0.000514	2.88E-05	0.003639
0.000327	0.000198	2.50E-06	
77	0.000514	2.46E-05	0.002764
0.000215	0.000232	2.88E-06	
78	0.000514	3.32E-05	0.001338
9.70E-05	0.000346	3.31E-06	
79	0.000514	3.76E-05	5.36E-08
3.12E-05	0.000426	2.25E-06	
80	0.000514	3.67E-05	0.001350
8.53E-05	0.000492	3.02E-06	
81	0.000514	3.23E-05	0.002782
0.000201	0.000524	2.82E-06	
82	0.000515	4.25E-05	0.003654
0.000313	0.000477	2.22E-06	
83	0.000515	4.88E-05	0.004033
0.000402	0.000360	1.69E-06	
84	0.000515	5.22E-05	0.003969
0.000449	0.000202	1.20E-06	
85	0.000515	5.16E-05	0.003968
0.000449	0.000112	1.09E-06	
86	0.000515	4.71E-05	0.004032
0.000401	0.000151	1.28E-06	
87	0.000515	3.98E-05	0.003653
0.000312	0.000168	1.51E-06	
88	0.000515	3.13E-05	0.002781
0.000199	0.000230	2.23E-06	
89	0.000515	3.51E-05	0.001349
8.42E-05	0.000347	2.98E-06	
90	0.000516	3.68E-05	5.37E-08
3.16E-05	0.000430	1.93E-06	
91	0.000516	3.31E-05	0.001338
9.68E-05	0.000498	2.85E-06	
92	0.000516	2.52E-05	0.002763
0.000214	0.000534	2.83E-06	
93	0.000516	2.05E-05	0.003638
0.000325	0.000490	2.37E-06	
94	0.000516	2.66E-05	0.004027
0.000410	0.000376	1.92E-06	
95	0.000516	3.21E-05	0.004169
0.000452	0.000216	1.32E-06	
96	0.000516	3.36E-05	0.004659
0.000446	0.000109	1.00E-06	
97	0.000516	3.11E-05	0.004736
0.000392	0.000149	1.16E-06	
98	0.000515	2.60E-05	0.004291
0.000300	0.000167	1.46E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000515	2.46E-05	0.003265
0.000186	0.000269	2.39E-06	
100	0.000514	2.96E-05	0.001583
9.04E-05	0.000405	3.40E-06	
101	0.000514	3.33E-05	4.17E-08
4.86E-05	0.000502	3.05E-06	
102	0.000513	3.18E-05	0.001440
0.000115	0.000584	4.17E-06	
103	0.000513	3.60E-05	0.003031
0.000243	0.000637	4.42E-06	
104	0.000512	4.79E-05	0.004082
0.000366	0.000604	4.26E-06	
105	0.000512	6.56E-05	0.004637
0.000463	0.000489	3.95E-06	
106	0.000511	8.25E-05	0.004735
0.000520	0.000312	3.41E-06	
107	0.000511	9.58E-05	0.004438
0.000528	0.000135	2.90E-06	
108	0.000511	0.000106	0.003816
0.000487	0.000152	2.35E-06	
109	0.000511	0.000111	0.002941
0.000395	0.000195	2.04E-06	
110	0.000511	0.000110	0.001879
0.000253	0.000226	2.01E-06	
111	0.000511	0.000100	0.000688
8.45E-05	0.000246	4.53E-06	
112	0.000513	0.000103	2.29E-08
4.87E-05	0.000249	5.38E-06	
113	0.000524	9.06E-05	4.34E-08
4.05E-05	0.000927	1.09E-05	
114	0.000524	8.14E-05	0.000683
8.08E-05	0.000910	1.07E-05	
115	0.000524	0.000102	0.001868
0.000195	0.000572	9.14E-06	
116	0.000525	0.000137	0.002926
0.000292	0.000608	6.67E-06	
117	0.000525	0.000158	0.003802
0.000358	0.000399	4.16E-06	
118	0.000525	0.000162	0.004431
0.000390	0.000192	2.60E-06	
119	0.000525	0.000149	0.004743
0.000395	5.11E-05	2.18E-06	
120	0.000525	0.000121	0.004665
0.000363	6.95E-05	3.65E-06	
121	0.000525	8.76E-05	0.004127
0.000298	0.000160	5.24E-06	
122	0.000525	6.14E-05	0.003080
0.000210	0.000276	6.03E-06	
123	0.000525	5.26E-05	0.001468
0.000116	0.000384	5.55E-06	
124	0.000525	4.09E-05	5.49E-08
6.09E-05	0.000463	5.75E-06	
125	0.000526	4.79E-05	0.001610
6.01E-05	0.000533	6.68E-06	
126	0.000526	7.62E-05	0.003310
0.000136	0.000569	7.11E-06	
127	0.000526	0.000108	0.004330
0.000215	0.000518	6.36E-06	
128	0.000526	0.000132	0.004759
0.000282	0.000393	4.75E-06	
129	0.000526	0.000143	0.004665
0.000323	0.000224	3.20E-06	
130	0.000526	0.000138	0.004163
0.000330	0.000134	2.93E-06	
131	0.000527	0.000120	0.004067
0.000306	0.000179	4.28E-06	
132	0.000527	8.90E-05	0.003693
0.000249	0.000198	5.26E-06	
133	0.000527	5.55E-05	0.002818
0.000170	0.000234	5.80E-06	
134	0.000527	3.94E-05	0.001369
8.53E-05	0.000354	5.81E-06	
135	0.000528	2.89E-05	6.12E-08
3.81E-05	0.000438

158	0.000528	4.11E-05	0.001468
0.000116	0.000596	7.66E-06	
159	0.000527	6.90E-05	0.003079
0.000210	0.000649	8.64E-06	
160	0.000527	0.000104	0.004126
0.000298	0.000808	8.45E-06	
161	0.000526	0.000139	0.004664
0.000363	0.000483	7.18E-06	
162	0.000525	0.000164	0.004743
0.000395	0.000298	5.25E-06	
163	0.000525	0.000174	0.004431
0.000390	0.000105	4.12E-06	
164	0.000525	0.000167	0.003802
0.000358	0.000154	6.11E-06	
165	0.000525	0.000142	0.002926
0.000292	0.000197	8.08E-06	
166	0.000524	0.000104	0.001868
0.000195	0.000228	9.54E-06	
167	0.000523	7.78E-05	0.000683
8.19E-05	0.000246	1.03E-05	
168	0.000524	8.47E-05	4.38E-08
4.21E-05	0.000249	1.04E-05	
169	0.000525	0.000137	8.63E-05
4.87E-05	0.000967	0.000100	
170	0.000525	0.000145	0.000707
5.58E-05	0.000573	8.20E-05	
171	0.000525	0.000160	0.001930
0.000278	0.000880	8.65E-05	
172	0.000525	0.000171	0.003020
0.000402	0.000693	6.77E-05	
173	0.000525	0.000172	0.003921
0.000474	0.000481	5.19E-05	
174	0.000525	0.000161	0.004564
0.000507	0.000307	4.25E-05	
175	0.000525	0.000140	0.004878
0.000503	0.000217	3.83E-05	
176	0.000525	0.000109	0.004789
0.000460	0.000230	3.79E-05	
177	0.000525	7.39E-05	0.004229
0.000375	0.000280	3.89E-05	
178	0.000526	3.82E-05	0.003150
0.000252	0.000361	4.30E-05	
179	0.000526	3.97E-05	0.001497
0.000113	0.000437	4.31E-05	
180	0.000526	5.30E-05	5.40E-05
6.37E-05	0.000517	4.47E-05	
181	0.000526	6.71E-05	0.001667
0.000112	0.000625	5.45E-05	
182	0.000526	8.90E-05	0.003404
0.000209	0.000678	6.17E-05	
183	0.000526	0.000109	0.004450
0.000307	0.000627	5.74E-05	
184	0.000526	0.000122	0.004891
0.000393	0.000504	4.93E-05	
185	0.000527	0.000126	0.004798
0.000439	0.000364	4.27E-05	
186	0.000527	0.000120	0.004283
0.000447	0.000309	4.01E-05	
187	0.000527	0.000104	0.004167
0.000414	0.000309	4.08E-05	
188	0.000527	8.00E-05	0.003780
0.000337	0.000305	4.26E-05	
189	0.000528	5.38E-05	0.002883
0.000222	0.000329	4.52E-05	
190	0.000528	2.77E-05	0.001403
0.000102	0.000365	4.89E-05	
191	0.000528	3.04E-05	3.88E-05
3.78E-05	0.000493	5.28E-05	
192	0.000529	4.54E-05	0.001415
0.000102	0.000610	6.60E-05	
193	0.000529	6.90E-05	0.002901
0.000209	0.000674	7.69E-05	
194	0.000529	9.18E-05	0.003795
0.000322	0.000633	7.47E-05	
195	0.000530	0.000110	0.004173
0.000403	0.000518	6.61E-05	
196	0.000530	0.000119	0.004094
0.000442	0.000387	5.75E-05	
197	0.000531	0.000119	0.004091
0.000442	0.000339	4.83E-05	
198	0.000531	0.000108	0.004170
0.000402	0.000295	4.58E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000531	8.97E-05	0.003792
0.000321	0.000290	4.60E-05	
200	0.000532	6.70E-05	0.002898
0.000207	0.000325	5.08E-05	
201	0.000532	4.42E-05	0.001413
0.000100	0.000408	5.55E-05	
202	0.000532	3.03E-05	3.78E-05
3.76E-05	0.000496	5.66E-05	
203	0.000533	2.57E-05	0.001402
0.000101	0.000617	6.53E-05	
204	0.000533	4.84E-05	0.002881
0.000221	0.000687	7.23E-05	
205	0.000533	7.03E-05	0.003777
0.000336	0.000653	6.83E-05	
206	0.000534	8.93E-05	0.004165
0.000412	0.000541	6.08E-05	
207	0.000534	0.000101	0.004284
0.000446	0.000412	5.08E-05	
208	0.000533	0.000102	0.004797
0.000438	0.000296	4.59E-05	
209	0.000533	9.46E-05	0.004890
0.000392	0.000293	4.62E-05	
210	0.000532	7.81E-05	0.004446
0.000307	0.000288	4.63E-05	
211	0.000532	5.72E-05	0.003398
0.000209	0.000358	5.05E-05	
212	0.000530	3.45E-05	0.001656
0.000111	0.000463	5.09E-05	
213	0.000529	2.69E-05	4.10E-05
6.25E-05	0.000566	5.20E-05	
214	0.000528	3.92E-05	0.001506
0.000113	0.000697	6.37E-05	
215	0.000527	6.70E-05	0.003157
0.000252	0.000789	7.52E-05	
216	0.000526	0.000101	0.004234
0.000375	0.000770	7.18E-05	
217	0.000526	0.000134	0.004792
0.000460	0.000645	6.04E-05	
218	0.000526	0.000160	0.004880
0.000504	0.000506	5.02E-05	
219	0.000525	0.000177	0.004566
0.000508	0.000360	4.55E-05	
220	0.000525	0.000182	0.003921
0.000474	0.000295	4.45E-05	
221	0.000526	0.000176	0.003019
0.000402	0.000293	4.44E-05	
222	0.000526	0.000161	0.001926
0.000278	0.000306	4.46E-05	
223	0.000527	0.000141	0.000700
5.58E-05	0.000281	3.70E-05	
224	0.000527	0.000131	8.57E-05
4.81E-05	0.000256	4.51E-05	
225	0.000515	9.75E-05	9.74E-05
6.17E-05	0.000937	9.72E-05	
226	0.000516	8.47E-05	0.000680
6.91E-05	0.000949	8.02E-05	
227	0.000516	7.84E-05	0.001865
0.000291	0.000862	8.39E-05	
228	0.000516	9.17E-05	0.002922
0.000439	0.000721	6.49E-05	
229	0.000517	0.000100	0.003796
0.000530	0.000528	4.94E-05	
230	0.000517	9.66E-05	0.004421
0.000568	0.000376	4.07E-05	
231	0.000517	8.55E-05	0.004726
0.000556	0.000246	3.83E-05	
232	0.000517	6.55E-05	0.004642
0.000500	0.000208	3.72E-05	
233	0.000517	4.87E-05	0.004101
0.000395	0.000264	3.69E-05	
234	0.000517	5.07E-05	0.003058
0.000258	0.000348	4.10E-05	
235	0.000517	4.89E-05	0.001458
0.000111	0.000423	4.16E-05	
236	0.000517	4.34E-05	4.76E-05
7.57E-05	0.000504	4.27E-05	
237	0.000517	4.35E-05	0.001590
0.000123	0.000608	5.36E-05	
238	0.000517	5.60E-05	0.003282
0.000210	0.000668	6.17E-05	
239	0.000517	7.44E-05	0.004302
0.000319	0.000628	5.66E-05	
240	0.000517	8.69E-05	0.004734
0.000419	0.000513	4.96E-05	
241	0.000517	9.05E-05	0.004647
0.000473	0.000386	4.30E-05	
242	0.000517	8.47E-05	0.004151
0.000479	0.000291	4.03E-05	
243	0.000518	7.08E-05	0.004040
0.000436	0.000292	4.09E-05	
244	0.000518	4.95E-05	0.003663
0.000344	0.000289	4.27E-05	
245	0.000518	3.60E-05	0.002791
0.000218	0.000315	4.69E-05	
246	0.000518	3.57E-05	0.001353
0.000104	0.000396	4.96E-05	
247	0.000518	3.13E-05	4.31E-05
5.24E-05	0.000480	5.07E-05	
248	0.000518	2.32E-05	0.001365
0.000106	0.000589	6.17E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000519	3.75E-05	0.002809
0.000205	0.000652	7.06E-05	
250	0.000519	5.83E-05	0.003678
0.000322	0.000614	6.71E-05	
251	0.000519	7.57E-05	0.004046
0.000418	0.000502	6.00E-05	
252	0.000519	8.52E-05	0.003970
0.000466	0.000371	5.07E-05	
253	0.000519	8.54E-05	0.003969
0.000466	0.000282	4.46E-05	
254	0.000519	7.63E-05	0.004044
0.000417	0.000280	4.06E-05	
255	0.000519	5.92E-05	0.003676
0.000320	0.000275	4.08E-05	
256	0.000519	3.92E-05	0.002807
0.000203	0.000314	4.85E-05	
257	0.000520	2.49E-05	0.001364
0.000104	0.000398	5.20E-05	
258	0.000520	2.89E-05	4.25E-05
5.25E-05	0.000483	5.65E-05	
259	0.000520	4.38E-05	0.001353
0.000102	0.000591	7.02E-05	
260	0.000520	3.48E-05	0.002790
0.000217	0.000653	8.01E-05	
261	0.000521	4.04E-05	0.003661
0.000343	0.000613	7.48E-05	
262	0.000519	4.70E-05	0.004039
0.000435	0.000499	6.25E-05	
263	0.000521	6.84E-05	0.004151
0.000478	0.000358	5.11E-05	
264	0.000521	6.95E-05	0.004648
0.000472	0.000281	4.80E-05	
265	0.000521	6.15E-05	0.004736
0.000419	0.000279	4.79E-05	
266	0.000520	4.54E-05	0.004304
0.000318	0.000274	4.78E-05	
267	0.000519	2.78E-05	0.003286
0.000210	0.000350	4.79E-05	
268	0.000519	2.48E-05	0.001597
0.000124	0.000453	4.86E-05	
269	0.000518	3.00E-05	4.55E-05
7.79E-05	0.000551	5.01E-05	
270	0.000518	3.37E-05	0.001453
0.000111	0.000672	6.10E-05	
271	0.000517	4.21E-05	0.003054
0.000258	0.000744	7.06E-05	
272	0.000516	6.09E-05	0.004099
0.000395	0.000709	6.67E-05	
273	0.000516	8.42E-05	0.004640
0.000500	0.000587	5.71E-05	
274	0.000515	0.000103	0.004726
0.000556	0.000419	4.99E-05	
275	0.000515	0.000113	0.004420
0.000568	0.000284	4.42E-05	
276	0.000515	0.000111	0.003796
0.000530	0.000280	4.30E-05	
277	0.000515	9.77E-05	0.002923
0.000439	0.000283	4.25E-05	
278	0.000515	7.91E-05	0.001867
0.000291	0.000298	4.39E-05	
279	0.000519	7.93E-05	0.000684
6.93E-05	0.000273	3.77E-05	
280	0.000515	9.13E-05	9.82E-05
6.22E-05	0.000247	4.63E-05	
281	0.000560	1.47E-05	.000000
7.25E-05	0.000972	9.37E-06	
282	0.000602	1.89E-05	.000000
6.83E-05	0.000484	6.91E-06	
283	0.000713	.000000	.000000
5.53E-05	0.000460	7.01E-06	
284	.000000	.000000	.000000
3.78E-05	0.000463	6.54E-06	
285	0.001049	5.46E-05	.000000
3.41E-05	0.000540	8.19E-06	
286	0.000932	1.85E-05	.000000
6.07E-05	0.000262	1.03E-05	
287	0.000536	5.28E-05	.000000
9.17E-05	0.000876	5.92E-06	
288	0.000550	1.12E-05	.000000
5.51E-05	0.000451	2.11E-06	
289	0.000668	.000000	.000000
3.12E-05	0.000426	2.25E-06	
290	.000000	.000000	.000000
2.00E-05	0.000430	1.93E-06	
291	0.000989	5.14E-05	.000000
1.53E-05	0.000503	3.05E-06	
292	0.000828	6.44E-05	.000000
3.43E-05	0.000252	5.38E-06	
293	0.000554	7.83E-05	.000000
0.000150	0.000917	1.09E-05	
294	0.000567	3.00E-05	.000000
6.99E-05	0.000459	5.75E-06	
295	0.000689	5.20E-05	.000000
0.000104	0.000425	6.18E-06	
296	2.81E-06	4.82E-05	.000000
2.46E-05	0.000442	5.89E-06	
297	0.000958	0.000290	.000000
2.92E-05	0.000509	6.46E-06	
298	0.000863	0.000245	.000000
7.52E-05	0.000257	1.04E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DB ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000530	-6.84E-05	-3.81E-07
-0.000186	-0.000260	-1.04E-05	
2	-0.000530	-6.54E-05	-0.002707
-0.000250	-0.000257	-9.78E-06	
3	-0.000530	-8.77E-05	-0.007214
-0.000373	-0.000236	-7.34E-06	
4	-0.000530	-0.000118	-0.010798
-0.000458	-0.000202	-6.48E-06	
5	-0.000530	-0.000137	-0.013169
-0.000497	-0.000157	-5.20E-06	
6	-0.000531	-0.000147	-0.014109
-0.000490	-0.000174	-6.12E-06	
7	-0.000531	-0.000146	-0.013568
-0.000448	-0.000363	-8.24E-06	
8	-0.000531	-0.000135	-0.011680
-0.000377	-0.000552	-1.05E-05	
9	-0.000532	-0.000115	-0.008790
-0.000276	-0.000674	-1.17E-05	
10	-0.000532	-9.66E-05	-0.005403
-0.000165	-0.000704	-1.18E-05	
11	-0.000532	-9.59E-05	-0.002053
-6.65E-05	-0.000636	-1.05E-05	
12	-0.000532	-9.61E-05	-4.55E-07
-4.73E-05	-0.000538	-8.10E-06	
13	-0.000532	-8.50E-05	-0.001838
-0.000110	-0.000433	-6.87E-06	
14	-0.000532	-8.47E-05	-0.004754
-0.000214	-0.000283	-6.28E-06	
15	-0.000533	-0.000103	-0.007581
-0.000308	-0.000176	-5.90E-06	
16	-0.000533	-0.000117	-0.009832
-0.000376	-0.000157	-5.06E-06	
17	-0.000533	-0.000122	-0.011043
-0.000404	-0.000123	-3.82E-06	
18	-0.000539	-0.000118	-0.011007
-0.000392	-0.000249	-5.09E-06	
19	-0.000534	-0.000108	-0.009734
-0.000349	-0.000423	-7.27E-06	
20	-0.000535	-9.15E-05	-0.007453
-0.000271	-0.000548	-8.77E-06	
21	-0.000536	-7.26E-05	-0.004634
-0.000172	-0.000592	-9.39E-06	
22	-0.000536	-6.90E-05	-0.001772
-7.25E-05	-0.000546	-8.80E-06	
23	-0.000537	-6.63E-05	-4.50E-07
-3.30E-05	-0.000464	-7.19E-06	
24	-0.000538	-6.42E-05	-0.001757
-9.12E-05	-0.000372	-5.95E-06	
25	-0.000539	-7.29E-05	-0.004588
-0.000193	-0.000243	-5.89E-06	
26	-0.000540	-8.89E-05	-0.007366
-0.000289	-0.000176	-5.25E-06	
27	-0.000541	-0.000103	-0.009600
-0.000362	-0.000160	-4.42E-06	
28	-0.000540	-0.000113	-0.010824
-0.000397	-0.000120	-3.05E-06	
29	-0.000543	-0.000113	-0.010822
-0.000397	-0.000231	-4.14E-06	
30	-0.000544	-0.000103	-0.009595
-0.000362	-0.000404	-6.28E-06	
31	-0.000545	-8.68E-05	-0.007359
-0.000289	-0.000531	-8.58E-06	
32	-0.000547	-7.21E-05	-0.004581
-0.000192	-0.000580	-8.62E-06	
33	-0.000549	-6.43E-05	-0.001752
-9.14E-05	-0.000538	-8.11E-06	
34	-0.000550	-6.58E-05	-4.50E-07
-3.40E-05	-0.000459	-6.51E-06	
35	-0.000553	-6.89E-05	-0.001768
-7.14E-05	-0.000370	-6.75E-06	
36	-0.000550	-7.32E-05	-0.004627
-0.000171	-0.000244	-5.86E-06	
37	-0.000549	-9.40E-05	-0.007445
-0.000269	-0.000208	-5.13E-06	
38	-0.000549	-0.000114	-0.009727
-0.000348	-0.000189	-4.01E-06	
39	-0.000548	-0.000124	-0.011002
-0.000391	-0.000142	-2.99E-06	
40	-0.000546	-0.000123	-0.011040
-0.000403	-0.000217	-4.06E-06	
41	-0.000545	-0.000111	-0.009831
-0.000377	-0.000293	-5.22E-06	
42	-0.000544	-9.32E-05	-0.007582
-0.000310	-0.000527	-7.81E-06	
43	-0.000543	-7.61E-05	-0.004755
-0.000217	-0.000586	-8.79E-06	
44	-0.000542	-6.78E-05	-0.001839
-0.000114	-0.000556	-8.45E-06	
45	-0.000542	-6.41E-05	-4.54E-07
-5.21E-05	-0.000484	-7.21E-06	
46	-0.000541	-6.91E-05	-0.002053
-6.45E-05	-0.000402	-7.14E-06	
47	-0.000540	-7.91E-05	-0.005404
-0.000161	-0.000282	-6.19E-06	
48	-0.000540	-0.000100	-0.008789
-0.000274	-0.000169	-5.06E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000539	-0.000120	-0.011678
-0.000375	-6.75E-05	-4.98E-06	
50	-0.000539	-0.000133	-0.013566
-0.000447	-1.47E-05	-3.95E-06	
51	-0.000539	-0.000138	-0.014107
-0.000489	-0.000158	-2.81E-06	
52	-0.000539	-0.000132	-0.013167
-0.000496	-0.000375	-4.47E-06	
53	-0.000539	-0.000116	-0.010797
-0.000458	-0.000596	-6.16E-06	
54	-0.000539	-9.43E-05	-0.007213
-0.000373	-0.000800	-7.74E-06	
55	-0.000540	-7.51E-05	-0.002706
-0.000250	-0.000943	-8.80E-06	
56	-0.000540	-7.41E-05	-3.81E-07
-0.000185	-0.000971	-9.57E-06	
57	-0.000508	-5.25E-05	-4.19E-07
-0.000134	-0.000249	-5.60E-06	
58	-0.000509	-4.09E-05	-0.002414
-0.000208	-0.000332	-1.85E-05	
59	-0.000509	-2.87E-05	-0.006450
-0.000388	-0.000226	-2.53E-06	
60	-0.000509	-2.17E-05	-0.009690
-0.000522	-0.000194	-2.71E-06	
61	-0.000510	-1.90E-05	-0.011864
-0.000594	-0.000152	-3.29E-06	
62	-0.000510	-1.85E-05	-0.012751
-0.000606	-0.000135	-3.87E-06	
63	-0.000510	-2.00E-05	-0.012293
-0.000563	-0.000312	-4.24E-06	
64	-0.000509	-2.53E-05	-0.010604
-0.000472	-0.000489	-4.63E-06	
65	-0.000509	-3.01E-05	-0.008002
-0.000347	-0.000604	-4.64E-06	
66	-0.000509	-3.58E-05	-0.004943
-0.000206	-0.000637	-4.30E-06	
67	-0.000509	-4.32E-05	-0.001895
-7.68E-05	-0.000583	-3.73E-06	
68	-0.000509	-5.32E-05	-5.25E-07
-4.64E-05	-0.000501	-4.82E-06	
69	-0.000509	-5.98E-05	-0.001687
-0.000121	-0.000405	-3.52E-06	
70	-0.000509	-6.54E-05	-0.004326
-0.000249	-0.000269	-2.30E-06	
71	-0.000509	-6.69E-05	-0.006864
-0.000370	-0.000167	-1.11E-06	
72	-0.000509	-6.45E-05	-0.008878
-0.000462	-0.000149	-1.21E-06	
73	-0.000509	-5.83E-05	-0.009962
-0.000507	-0.000109	-1.74E-06	
74	-0.000509	-4.93E-05	-0.009924
-0.000499	-0.000216	-2.37E-06	
75	-0.000509	-3.97E-05	-0.008776
-0.000441	-0.000376	-2.97E-06	
76	-0.000509	-3.06E-05	-0.006729
-0.000340	-0.000490	-3.37E-06	
77	-0.000509	-2.65E-05	-0.004201
-0.000215	-0.000534	-3.63E-06	
78	-0.000509	-3.34E-05	-0.001619
-8.85E-05	-0.000498	-3.50E-06	
79	-0.000509	-3.74E-05	-5.19E-07
-3.14E-05	-0.000430	-2.52E-06	
80	-0.000510	-3.64E-05	-0.001603
-0.000103	-0.000347	-3.19E-06	
81	-0.000510	-3.84E-05	-0.004152
-0.000230	-0.000230	-2.24E-06	
82	-0.000510	-3.98E-05	-0.006638
-0.000354	-0.000168	-1.43E-06	
83	-0.000510	-3.93E-05	-0.008635
-0.000450	-0.000151	-1.17E-06	
84	-0.000510	-3.69E-05	-0.009734
-0.000501	-0.000112	-1.03E-06	
85	-0.000510	-3.43E-05	-0.009734
-0.000501	-0.000202	-1.27E-06	
86	-0.000510	-3.64E-05	-0.008635
-0.000449	-0.000360	-1.84E-06	
87	-0.000510	-3.76E-05	-0.006637
-0.000352	-0.000477	-2.30E-06	
88	-0.000511	-3.69E-05	-0.004152
-0.000228	-0.000524	-2.78E-06	
89	-0.000511	-3.65E-05	-0.001602
-0.000101	-0.000492	-2.82E-06	
90	-0.000511	-3.80E-05	-5.20E-07
-3.07E-05	-0.000426	-1.91E-06	
91	-0.000511	-3.45E-05	-0.001618
-8.82E-05	-0.000346	-2.97E-06	
92	-0.000511	-2.81E-05	-0.004200
-0.000213	-0.000232	-2.32E-06	
93	-0.000511	-2.41E-05	-0.006728
-0.000338	-0.000198	-1.67E-06	
94	-0.000511	-2.58E-05	-0.008775
-0.000440	-0.000179	-1.44E-06	
95	-0.000511	-3.04E-05	-0.009924
-0.000498	-0.000134	-1.17E-06	
96	-0.000511	-3.44E-05	-0.009962
-0.000506	-0.000202	-1.17E-06	
97	-0.000511	-3.68E-05	-0.008877
-0.000461	-0.000363	-1.69E-06	
98	-0.000510	-3.66E-05	-0.006863
-0.000369	-0.000484	-2.26E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000510	-3.46E-05	-0.004326
-0.000247	-0.000536	-2.92E-06	
100	-0.000509	-3.37E-05	-0.001687
-0.000118	-0.000512	-3.17E-06	
101	-0.000509	-3.77E-05	-5.28E-07
-4.27E-05	-0.000452	-2.42E-06	
102	-0.000509	-3.75E-05	-0.001895
-7.63E-05	-0.000377	-3.49E-06	
103	-0.000508	-3.87E-05	-0.004945
-0.000208	-0.000268	-2.71E-06	
104	-0.000508	-4.37E-05	-0.008004
-0.000349	-0.000165	-1.58E-06	
105	-0.000508	-4.77E-05	-0.010606
-0.000473	-6.90E-05	-1.24E-06	
106	-0.000508	-5.07E-05	-0.012294
-0.000563	-3.29E-05	-1.06E-06	
107	-0.000508	-5.26E-05	-0.012753
-0.000606	-0.000177	-8.68E-07	
108	-0.000508	-5.31E-05	-0.011865
-0.000594	-0.000372	-1.06E-06	
109	-0.000508	-5.25E-05	-0.009690
-0.000522	-0.000572	-1.62E-06	
110	-0.000508	-5.05E-05	-0.006450
-0.000388	-0.000745	-2.92E-06	
111	-0.000508	-6.08E-05	-0.002415
-0.000208	-0.000856	-6.14E-06	
112	-0.000508	-6.93E-05	-4.19E-07
-0.000135	-0.000876	-7.21E-06	
113	-0.000509	-5.45E-05	-3.57E-07
-0.000214	-0.000249	-1.12E-05	
114	-0.000520	-5.10E-05	-0.002523
-0.000256	-0.000246	-1.12E-05	
115	-0.000521	-3.88E-05	-0.006730
-0.000361	-0.000228	-1.05E-05	
116	-0.000521	-5.57E-05	-0.010075
-0.000444	-0.000207	-9.06E-06	
117	-0.000521	-9.30E-05	-0.012291
-0.000482	-0.000154	-7.07E-06	
118	-0.000521	-0.000118	-0.013175
-0.000481	-0.000105	-5.09E-06	
119	-0.000521	-0.000127	-0.012672
-0.000446	-0.000298	-5.88E-06	
120	-0.000521	-0.000121	-0.010918
-0.000380	-0.000483	-7.54E-06	
121	-0.000521	-0.000105	-0.008219
-0.000290	-0.000608	-8.67E-06	
122	-0.000521	-8.72E-05	-0.005055
-0.000188	-0.000649	-8.71E-06	
123	-0.000521	-6.82E-05	-0.001931
-0.000100	-0.000596	-7.62E-06	
124	-0.000521	-5.89E-05	-4.35E-07
-8.74E-05	-0.000515	-6.47E-06	
125	-0.000521	-5.95E-05	-0.001724
-0.000135	-0.000416	-5.89E-06	
126	-0.000521	-7.28E-05	-0.004460
-0.000214	-0.000273	-6.68E-06	
127	-0.000521	-8.45E-05	-0.007113
-0.000303	-0.000169	-6.52E-06	
128	-0.000521	-0.000102	-0.009224
-0.000366	-0.000152	-5.46E-06	
129	-0.000522	-0.000109	-0.010361
-0.000394	-0.000113	-3.86E-06	
130	-0.000522	-0.000105	-0.010328
-0.000387	-0.000220	-4.22E-06	
131	-0.000522	-9.70E-05	-0.009134
-0.000347	-0.000387	-6.01E-06	
132	-0.000523	-8.34E-05	-0.006993
-0.000276	-0.000510	-7.44E-06	
133	-0.000523	-6.53E-05	-0.004349
-0.000187	-0.000657	-7.96E-06	
134	-0.000523	-4.59E-05	-0.001663
-0.000108	-0.000517	-7.10E-06	
135	-0.000524	-

159	-0.000522	-6.57E-05	-0.005055
-0.000186	-0.000267	-5.98E-06	
160	-0.000522	-8.86E-05	-0.008220
-0.000289	-0.000160	-5.44E-06	
161	-0.000522	-0.000105	-0.010919
-0.000379	-6.94E-05	-4.08E-06	
162	-0.000521	-0.000113	-0.012674
-0.000445	-5.11E-05	-2.19E-06	
163	-0.000521	-0.000109	-0.013177
-0.000481	-0.000192	-2.48E-06	
164	-0.000521	-9.47E-05	-0.012293
-0.000482	-0.000399	-4.62E-06	
165	-0.000521	-7.03E-05	-0.010077
-0.000444	-0.000608	-7.23E-06	
166	-0.000521	-6.08E-05	-0.006731
-0.000361	-0.000792	-9.71E-06	
167	-0.000521	-6.62E-05	-0.002524
-0.000256	-0.000910	-1.13E-05	
168	-0.000520	-7.19E-05	-3.57E-07
-0.000214	-0.000928	-1.15E-05	
169	-0.000520	-3.69E-05	-0.000136
-0.000177	-0.000255	-3.82E-05	
170	-0.000520	-3.84E-05	-0.002530
-0.000207	-0.000280	-3.10E-05	
171	-0.000520	-5.80E-05	-0.006779
-0.000450	-0.000306	-3.67E-05	
172	-0.000520	-7.20E-05	-0.010190
-0.000591	-0.000292	-3.62E-05	
173	-0.000520	-8.00E-05	-0.012478
-0.000658	-0.000294	-3.58E-05	
174	-0.000520	-8.38E-05	-0.013402
-0.000664	-0.000360	-3.74E-05	
175	-0.000520	-8.61E-05	-0.012910
-0.000615	-0.000506	-4.35E-05	
176	-0.000520	-8.32E-05	-0.011121
-0.000517	-0.000662	-5.85E-05	
177	-0.000520	-7.48E-05	-0.008377
-0.000379	-0.000771	-6.93E-05	
178	-0.000520	-6.21E-05	-0.005163
-0.000223	-0.000789	-7.25E-05	
179	-0.000520	-5.81E-05	-0.001964
-0.000112	-0.000698	-6.12E-05	
180	-0.000520	-6.00E-05	-7.14E-05
-6.67E-05	-0.000566	-4.79E-05	
181	-0.000520	-6.39E-05	-0.001771
-0.000114	-0.000461	-4.37E-05	
182	-0.000520	-7.31E-05	-0.004534
-0.000268	-0.000358	-4.10E-05	
183	-0.000520	-7.81E-05	-0.007200
-0.000406	-0.000288	-4.04E-05	
184	-0.000520	-8.30E-05	-0.009324
-0.000505	-0.000294	-4.09E-05	
185	-0.000520	-8.37E-05	-0.010471
-0.000549	-0.000297	-4.18E-05	
186	-0.000521	-7.99E-05	-0.010434
-0.000540	-0.000412	-4.36E-05	
187	-0.000521	-7.05E-05	-0.009220
-0.000479	-0.000540	-5.09E-05	
188	-0.000521	-5.81E-05	-0.007059
-0.000365	-0.000653	-5.87E-05	
189	-0.000522	-4.67E-05	-0.004400
-0.000221	-0.000687	-6.31E-05	
190	-0.000522	-3.42E-05	-0.001692
-0.000103	-0.000618	-5.57E-05	
191	-0.000523	-3.44E-05	-6.66E-05
-4.59E-05	-0.000497	-4.68E-05	
192	-0.000523	-3.71E-05	-0.001676
-0.000105	-0.000408	-4.67E-05	
193	-0.000524	-4.98E-05	-0.004351
-0.000237	-0.000325	-4.72E-05	
194	-0.000524	-6.15E-05	-0.006967
-0.000376	-0.000290	-4.51E-05	
195	-0.000525	-6.81E-05	-0.009075
-0.000482	-0.000295	-4.53E-05	
196	-0.000525	-7.10E-05	-0.010239
-0.000534	-0.000298	-4.52E-05	
197	-0.000525	-6.94E-05	-0.010238
-0.000533	-0.000387	-4.99E-05	
198	-0.000526	-6.61E-05	-0.009073
-0.000481	-0.000518	-5.99E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000526	-5.86E-05	-0.006964
-0.000375	-0.000633	-6.75E-05	
200	-0.000527	-4.82E-05	-0.004348
-0.000235	-0.000674	-7.16E-05	
201	-0.000527	-3.63E-05	-0.001674
-0.000103	-0.000610	-6.50E-05	
202	-0.000528	-3.45E-05	-6.55E-05
-4.59E-05	-0.000492	-5.64E-05	
203	-0.000528	-3.51E-05	-0.001691
-0.000102	-0.000406	-5.55E-05	
204	-0.000528	-4.83E-05	-0.004398
-0.000219	-0.000328	-5.11E-05	
205	-0.000529	-6.12E-05	-0.007056
-0.000363	-0.000305	-4.64E-05	
206	-0.000528	-7.15E-05	-0.009217
-0.000477	-0.000309	-4.65E-05	
207	-0.000528	-7.67E-05	-0.010432
-0.000539	-0.000309	-4.92E-05	
208	-0.000527	-7.83E-05	-0.010469
-0.000548	-0.000364	-5.85E-05	
209	-0.000527	-7.43E-05	-0.009322
-0.000505	-0.000504	-6.74E-05	
210	-0.000526	-6.55E-05	-0.007197
-0.000406	-0.000627	-7.68E-05	
211	-0.000526	-5.26E-05	-0.004529
-0.000268	-0.000678	-7.96E-05	
212	-0.000525	-3.97E-05	-0.001763
-0.000114	-0.000626	-6.92E-05	
213	-0.000525	-3.16E-05	-6.92E-05
-6.59E-05	-0.000517	-5.62E-05	
214	-0.000524	-3.86E-05	-0.001976
-0.000112	-0.000436	-5.28E-05	
215	-0.000524	-5.31E-05	-0.005172
-0.000223	-0.000360	-4.91E-05	
216	-0.000523	-6.78E-05	-0.008383
-0.000379	-0.000280	-4.33E-05	
217	-0.000523	-7.87E-05	-0.011125
-0.000517	-0.000230	-4.24E-05	
218	-0.000523	-8.49E-05	-0.012913
-0.000614	-0.000217	-4.06E-05	
219	-0.000523	-8.75E-05	-0.013404
-0.000663	-0.000307	-4.37E-05	
220	-0.000523	-8.63E-05	-0.012479
-0.000658	-0.000481	-5.15E-05	
221	-0.000523	-8.00E-05	-0.010191
-0.000591	-0.000693	-6.41E-05	
222	-0.000524	-6.86E-05	-0.006780
-0.000450	-0.000880	-8.27E-05	
223	-0.000524	-5.81E-05	-0.002533
-0.000207	-0.000972	-7.97E-05	
224	-0.000525	-5.37E-05	-0.000139
-0.000177	-0.000967	-9.67E-05	
225	-0.000512	-4.95E-05	-0.000186
-0.000175	-0.000248	-3.93E-05	
226	-0.000512	-3.98E-05	-0.002453
-0.000183	-0.000273	-3.23E-05	
227	-0.000512	-2.78E-05	-0.006555
-0.000426	-0.000298	-3.89E-05	
228	-0.000512	-2.26E-05	-0.009852
-0.000546	-0.000283	-3.81E-05	
229	-0.000513	-3.26E-05	-0.012066
-0.000600	-0.000280	-3.77E-05	
230	-0.000513	-4.83E-05	-0.012964
-0.000600	-0.000284	-3.89E-05	
231	-0.000513	-5.77E-05	-0.012493
-0.000556	-0.000418	-4.61E-05	
232	-0.000513	-6.12E-05	-0.010770
-0.000473	-0.000586	-5.60E-05	
233	-0.000513	-5.59E-05	-0.008120
-0.000356	-0.000709	-6.73E-05	
234	-0.000513	-5.20E-05	-0.005016
-0.000213	-0.000744	-7.14E-05	
235	-0.000512	-4.94E-05	-0.001927
-0.000101	-0.000671	-6.06E-05	
236	-0.000512	-5.11E-05	-0.000113
-5.12E-05	-0.000551	-4.71E-05	
237	-0.000512	-5.66E-05	-0.001711
-0.000112	-0.000454	-4.54E-05	
238	-0.000512	-6.71E-05	-0.004393
-0.000257	-0.000351	-4.43E-05	
239	-0.000512	-7.05E-05	-0.006980
-0.000383	-0.000274	-4.00E-05	
240	-0.000512	-6.77E-05	-0.009041
-0.000469	-0.000279	-3.99E-05	
241	-0.000513	-6.95E-05	-0.010154
-0.000507	-0.000281	-4.10E-05	
242	-0.000513	-6.56E-05	-0.010118
-0.000499	-0.000358	-4.45E-05	
243	-0.000513	-5.49E-05	-0.008943
-0.000447	-0.000499	-5.08E-05	
244	-0.000513	-4.90E-05	-0.006850
-0.000351	-0.000613	-5.74E-05	
245	-0.000513	-3.68E-05	-0.004273
-0.000222	-0.000653	-6.15E-05	
246	-0.000514	-2.84E-05	-0.001648
-0.000100	-0.000592	-5.49E-05	
247	-0.000514	-3.12E-05	-0.000101
-3.64E-05	-0.000483	-4.58E-05	
248	-0.000514	-3.83E-05	-0.001633
-0.000102	-0.000398	-4.49E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000514	-4.55E-05	-0.004225
-0.000238	-0.000514	-4.99E-05	
250	-0.000514	-4.99E-05	-0.006760
-0.000366	-0.000275	-4.68E-05	
251	-0.000514	-5.84E-05	-0.008803
-0.000457	-0.000280	-4.71E-05	
252	-0.000515	-6.12E-05	-0.009930
-0.000502	-0.000282	-4.73E-05	
253	-0.000515	-6.01E-05	-0.009930
-0.000501	-0.000371	-5.03E-05	
254	-0.000515	-5.85E-05	-0.008802
-0.000456	-0.000502	-6.16E-05	
255	-0.000515	-5.10E-05	-0.006758
-0.000365	-0.000614	-7.39E-05	
256	-0.000515	-4.46E-05	-0.004224
-0.000236	-0.000652	-7.56E-05	
257	-0.000515	-3.94E-05	-0.001632
-0.000101	-0.000588	-6.97E-05	
258	-0.000515	-3.29E-05	-0.000100
-3.61E-05	-0.000479	-5.63E-05	
259	-0.000516	-2.82E-05	-0.001647
-9.87E-05	-0.000396	-5.20E-05	
260	-0.000516	-3.56E-05	-0.004271
-0.000220	-0.000315	-4.87E-05	
261	-0.000516	-4.67E-05	-0.006848
-0.000350	-0.000290	-4.20E-05	
262	-0.000516	-5.67E-05	-0.008941
-0.000445	-0.000292	-4.11E-05	
263	-0.000516	-6.40E-05	-0.010116
-0.000498	-0.000291	-4.52E-05	
264	-0.000515	-6.69E-05	-0.010152
-0.000506	-0.000386	-5.12E-05	
265	-0.000515	-6.36E-05	-0.009041
-0.000469	-0.000513	-6.08E-05	
266	-0.000515	-5.43E-05	-0.006981
-0.000383	-0.000628	-6.40E-05	
267	-0.000514	-4.18E-05	-0.004395
-0.000257	-0.000668	-7.24E-05	
268	-0.000514	-3.54E-05	-0.001716
-0.000112	-0.000608	-6.40E-05	
269	-0.000513	-3.65E-05	-0.000105
-5.17E-05	-0.000504	-5.31E-05	
270	-0.000513	-4.11E-05	-0.001921
-0.000101	-0.000423	-5.25E-05	
271	-0.000513	-4.66E-05	-0.005013
-0.000213	-0.000348	-5.02E-05	
272	-0.000512	-5.48E-05	-0.008118
-0.000356	-0.000264	-4.55E-05	
273	-0.000512	-6.22E-05	-0.010769
-0.000473	-0.000208	-4.36E-05	
274	-0.000512	-6.38E-05	-0.012494
-0.000556	-0.000246	-4.28E-05	
275	-0.000512	-5.97E-05	-0.012965
-0.000600	-0.000376	-4.32E-05	
276	-0.000512	-5.79E-05	-0.012067
-0.000599	-0.000528	-5.15E-05	
277	-0.000512	-5.55E-05	-0.009853
-0.000545	-0.000721	-6.48E-05	
278	-0.000512	-5.32E-05	-0.006556
-0.000426	-0.000883	-8.38E-05	
279	-0.000512	-5.65E-05	-0.002452
-0.000183	-0.000949	-8.02E-05	
280	-0.000511	-6.26E-05	-0.000184
-0.000175	-0.000938	-9.67E-05	
281	-0.001107	-7.42E-06	.000000
-0.000178	-0.000259	-1.04E-05	
282	-0.000475	-1.49E-05	.000000
-4.53E-05	-0.000538	-8.10E-06	
283	-0.001010	.000000	.000000
-3.30E-05	-0.000464	-7.10E-06	
284	.000000	.000000	.000000
-1.93E-05	-0.000459	-6.51E-06	
285	-0.000829	-4.31E-05	.000000
-1.78E-05	-0.000486	-7.21E-06	
286	-0.000462	-9.18E-06	.000000
-0.000153	-0.000977	-9.57E-06	
287	-0.001021	-7.77E-06	.000000
-0.000108	-0.000245	-5.60E-06	
288	-0.000432	-1.43E-05	.000000
-4.95E-05	-0.000501	-2.96E-06	
289	-0.000955	.000000	.000000
-3.13E-05	-0.000430	-2.52E-06	
290	.000000	.000000	.000000
-2.01E-05	-0.000426	-1.91E-06	
291	-0.000776	-4.04E-05	.000000
-1.61E-05	-0.000453	-2.42E-06	
292	-0.000425	-3.31E-05	.000000
-4.43E-05	-0.000883	-7.21E-06	
293	-0.001068	-7.49E-05	.000000
-0.000188	-0.000238	-1.12E-05	
294	-0.000457	-0.000115	.000000
-0.000114	-0.000508	-6.47E-06	
295	-0.000974	-5.66E-05	.000000
-0.000134	-0.000427	-6.07E-06	
296	-1.25E-06	-0.000108	.000000
-5.87E-05	-0.000439	-5.91E-06	
297	-0.000743	-0.000283	.000000
-4.83E-05	-0.000462	-6.02E-06	
298	-0.000419	-0.000204	.000000
-4.05E-05	-0.000925	-1.15E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000862	0.000253	5.33E-08
8.16E-05	0.001348	1.01E-05	
2	0.000862	0.000260	0.001011
0.000129	0.001307	9.42E-06	
3	0.000862	0.000288	0.002761
0.000254	0.001098	8.38E-06	
4	0.000863	0.000319	0.004323
0.000378	0.000763	6.37E-06	
5	0.000863	0.000336	0.005615
0.000462	0.000482	4.04E-06	
6	0.000864	0.000330	0.006541
0.000507	0.000186	3.06E-06	
7	0.000864	0.000300	0.006997
0.000509	1.76E-05	4.60E-06	
8	0.000864	0.000247	0.006878
0.000468	9.39E-05	6.04E-06	
9	0.000864	0.000177	0.006082
0.000386	0.000236	6.98E-06	
10	0.000863	0.000111	0.004536
0.000275	0.000393	8.49E-06	
11	0.000863	7.99E-05	0.002160
0.000161	0.000561	9.77E-06	
12	0.000862	8.78E-05	9.17E-08
0.000103	0.000676	8.86E-06	
13	0.000861	0.000114	0.002835
0.000120	0.000770	1.08E-05	
14	0.000860	0.000161	0.006132
0.000215	0.000795	1.12E-05	
15	0.000859	0.000208	0.008512
0.000308	0.000695	1.06E-05	
16	0.000859	0.000243	0.010005
0.000378	0.000488	6.86E-06	
17	0.000859	0.000259	0.010596
0.000424	0.000314	5.16E-06	
18	0.000859	0.000252	0.010337
0.000431	0.000228	4.94E-06	
19	0.000860	0.000222	0.009563
0.000396	0.000287	6.45E-06	
20	0.000861	0.000172	0.008025
0.000323	0.000418	8.04E-06	
21	0.000862	0.000112	0.005706
0.000227	0.000545	1.04E-05	
22	0.000864	7.27E-05	0.002606
0.000124	0.000697	1.19E-05	
23	0.000865	7.20E-05	1.48E-07
7.41E-05	0.000794	1.12E-05	
24	0.000865	9.00E-05	0.002389
0.000113	0.000868	1.31E-05	
25	0.000866	0.000145	0.005192
0.000214	0.000870	1.32E-05	
26	0.000868	0.000201	0.007243
0.000310	0.000746	1.10E-05	
27	0.000869	0.000245	0.008558
0.000385	0.000517	7.68E-06	
28	0.000870	0.000268	0.009118
0.000426	0.000319	5.23E-06	
29	0.000870	0.000268	0.009115
0.000426	0.000204	4.16E-06	
30	0.000872	0.000243	0.008555
0.000384	0.000237	5.35E-06	
31	0.000873	0.000198	0.007238
0.000310	0.000355	7.03E-06	
32	0.000874	0.000142	0.005187
0.000214	0.000486	8.22E-06	
33	0.000876	8.99E-05	0.002386
0.000114	0.000635	9.75E-06	
34	0.000878	7.32E-05	1.48E-07
7.43E-05	0.000731	9.50E-06	
35	0.000878	7.12E-05	0.002603
0.000122	0.000811	1.19E-05	
36	0.000879	0.000156	0.005700
0.000225	0.000821	1.24E-05	
37	0.000879	0.000153	0.008019
0.000321	0.000708	1.04E-05	
38	0.000879	0.000194	0.009558
0.000394	0.000492	7.38E-06	
39	0.000879	0.000217	0.010336
0.000429	0.000299	4.94E-06	
40	0.000878	0.000217	0.010596
0.000422	0.000200	4.04E-06	
41	0.000875	0.000195	0.010005
0.000376	0.000251	5.54E-06	
42	0.000872	0.000155	0.008513
0.000306	0.000353	7.17E-06	
43	0.000870	0.000110	0.006133
0.000213	0.000564	9.34E-06	
44	0.000868	7.67E-05	0.002835
0.000117	0.000748	1.16E-05	
45	0.000866	8.06E-05	8.88E-08
0.000103	0.000868	1.24E-05	
46	0.000864	0.000103	0.002161
0.000161	0.000970	1.51E-05	
47	0.000862	0.000166	0.004538
0.000275	0.001003	1.62E-05	
48	0.000861	0.000241	0.006087
0.000387	0.000898	1.51E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000860	0.000308	0.006885
0.000470	0.000675	1.22E-05	
50	0.000859	0.000356	0.007006
0.000511	0.000398	8.35E-06	
51	0.000859	0.000380	0.006551
0.000509	0.000235	5.33E-06	
52	0.000859	0.000379	0.005626
0.000470	0.000126	5.13E-06	
53	0.000860	0.000354	0.004334
0.000382	0.000283	7.44E-06	
54	0.000861	0.000314	0.002769
0.000259	0.000330	9.52E-06	
55	0.000862	0.000276	0.001015
0.000137	0.000359	1.15E-05	
56	0.000863	0.000263	5.51E-08
9.11E-05	0.000363	1.19E-05	
57	0.000825	0.000148	3.64E-08
6.83E-05	0.001227	7.62E-06	
58	0.000826	0.000150	0.000964
9.47E-05	0.001194	6.34E-06	
59	0.000826	0.000150	0.002633
0.000298	0.001023	3.99E-06	
60	0.000826	0.000141	0.004120
0.000475	0.000767	2.17E-06	
61	0.000826	0.000125	0.005344
0.000594	0.000472	1.89E-06	
62	0.000825	0.000107	0.006213
0.000653	0.000201	2.01E-06	
63	0.000825	8.69E-05	0.006629
0.000649	3.20E-05	2.14E-06	
64	0.000824	6.51E-05	0.006492
0.000586	9.62E-05	2.18E-06	
65	0.000823	5.34E-05	0.005715
0.000471	0.000230	2.22E-06	
66	0.000823	5.23E-05	0.004245
0.000320	0.000375	3.29E-06	
67	0.000822	6.18E-05	0.002016
0.000159	0.000528	3.96E-06	
68	0.000821	6.79E-05	5.29E-08
8.40E-05	0.000633	2.64E-06	
69	0.000821	7.16E-05	0.002655
0.000132	0.000712	1.35E-06	
70	0.000820	7.92E-05	0.005760
0.000225	0.000731	3.23E-06	
71	0.000820	8.57E-05	0.008024
0.000359	0.000641	2.05E-06	
72	0.000820	8.73E-05	0.009462
0.000473	0.000456	2.07E-06	
73	0.000821	8.38E-05	0.010043
0.000540	0.000287	2.66E-06	
74	0.000820	7.59E-05	0.009804
0.000550	0.000215	3.37E-06	
75	0.000821	6.37E-05	0.009043
0.000501	0.000277	4.11E-06	
76	0.000821	4.81E-05	0.007566
0.000401	0.000401	4.71E-06	
77	0.000822	4.02E-05	0.005361
0.000266	0.000519	5.80E-06	
78	0.000822	4.19E-05	0.002443
0.000122	0.000659	6.40E-06	
79	0.000823	4.89E-05	1.16E-07
4.21E-05	0.000749	5.04E-06	
80	0.000823	5.45E-05	0.002234
0.000102	0.000811	5.72E-06	
81	0.000823	6.57E-05	0.004865
0.000245	0.000802	4.99E-06	
82	0.000824	8.17E-05	0.006811
0.000383	0.000684	3.64E-06	
83	0.000824	9.30E-05	0.008076
0.000490	0.000471	2.56E-06	
84	0.000824	9.79E-05	0.008622
0.000548	0.000283	2.12E-06	
85	0.000824	9.66E-05	0.008622
0.000547	0.000189	1.89E-06	
86	0.000824	8.92E-05	0.008075
0.000489	0.000227	1.97E-06	
87	0.000824	7.67E-05	0.006811
0.000381	0.000340	2.53E-06	
88	0.000825	6.08E-05	0.004865
0.000243	0.000461	3.84E-06	
89	0.000825	5.16E-05	0.002234
0.000101	0.000597	4.73E-06	
90	0.000825	4.77E-05	1.16E-07
4.29E-05	0.000688	3.40E-06	
91	0.000826	4.05E-05	0.002443
0.000122	0.000752	4.41E-06	
92	0.000826	3.71E-05	0.005361
0.000265	0.000749	4.04E-06	
93	0.000827	3.66E-05	0.007566
0.000399	0.000640	3.08E-06	
94	0.000827	4.31E-05	0.009043
0.000500	0.000441	2.37E-06	
95	0.000827	4.80E-05	0.009805
0.000549	0.000263	1.86E-06	
96	0.000827	4.82E-05	0.010043
0.000539	0.000180	1.70E-06	
97	0.000826	4.42E-05	0.009462
0.000472	0.000244	1.95E-06	
98	0.000826	3.89E-05	0.008024
0.000360	0.000379	2.79E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000825	3.75E-05	0.005759
0.000225	0.000536	4.49E-06	
100	0.000823	4.34E-05	0.002655
0.000131	0.000704	5.17E-06	
101	0.000822	4.90E-05	5.97E-08
7.77E-05	0.000817	5.25E-06	
102	0.000822	5.37E-05	0.002016
0.000158	0.000901	6.55E-06	
103	0.000821	7.04E-05	0.004245
0.000319	0.000918	6.63E-06	
104	0.000820	9.48E-05	0.005716
0.000470	0.000813	5.99E-06	
105	0.000819	0.000120	0.006493
0.000586	0.000603	5.18E-06	
106	0.000818	0.000142	0.006629
0.000649	0.000348	4.32E-06	
107	0.000818	0.000160	0.006213
0.000652	0.000204	3.47E-06	
108	0.000818	0.000173	0.005343
0.000594	0.000213	2.82E-06	
109	0.000818	0.000179	0.004118
0.000475	0.000272	2.24E-06	
110	0.000818	0.000178	0.002630
0.000296	0.000317	2.09E-06	
111	0.000818	0.000167	0.000963
9.18E-05	0.000344	4.27E-06	
112	0.000818	0.000159	3.08E-08
5.66E-05	0.000349	5.02E-06	
113	0.000834	0.000122	5.74E-08
5.85E-05	0.001270	1.35E-05	
114	0.000835	0.000122	0.000953
0.000106	0.001242	1.33E-05	
115	0.000835	0.000146	0.002607
0.000239	0.001068	1.16E-05	
116	0.000835	0.000189	0.004083
0.000359	0.000799	8.46E-06	
117	0.000835	0.000214	0.005306
0.000442	0.000492	4.91E-06	
118	0.000835	0.000219	0.006183
0.000485	0.000207	3.21E-06	
119	0.000835	0.000202	0.006615
0.000492	4.64E-05	3.64E-06	
120	0.000834	0.000168	0.006503
0.000457	9.74E-05	5.43E-06	
121	0.000833	0.000123	0.005749
0.000380	0.000224	7.09E-06	
122	0.000832	8.94E-05	0.004286
0.000273	0.000373	7.91E-06	
123	0.000831	6.84E-05	0.002040
0.000155	0.000534	7.10E-06	
124	0.000831	6.11E-05	9.15E-08
9.13E-05	0.000643	7.18E-06	
125	0.000830	7.09E-05	0.002675
0.000100	0.000728	8.41E-06	
126	0.000830	0.000107	0.005793
0.000187	0.000760	9.01E-06	
127	0.000830	0.000146	0.008048
0.000272	0.000672	7.95E-06	
128	0.000830	0.000176	0.009463
0.000344	0.000481	6.29E-06	
129	0.000831	0.000189	0.010026
0.000393	0.000305	4.63E-06	
130	0.000831	0.000184	0.009783
0.000403	0.000219	4.64E-06	
131	0.000832	0.000159	0.009049
0.000374	0.000273	6.29E-06	
132	0.000834	0.000120	0.007592
0.000306	0.000398	7.76E-06	
133	0.000835	7.44E-05	0.005396
0.000211	0.000521	8.73E-06	
134	0.000835	4.96E-05	0.002463
0.000107	0.000566	9.38E-06	
135	0.000836	3.82E-05	1.38E-07
6.91E-05	0.000759	9.48E-06	
136	0.000836	4.85E-05	0.002258
8.84E-05	0.000822	1.02E-05	
137	0.000

160	0.000833	0.000166	0.005746
0.000380	0.000814	1.14E-05	
161	0.000832	0.000214	0.006499
0.000457	0.000594	9.04E-06	
162	0.000831	0.000247	0.006612
0.000493	0.000344	5.92E-06	
163	0.000830	0.000259	0.006179
0.000485	0.000187	4.47E-06	
164	0.000830	0.000249	0.005303
0.000442	0.000215	7.45E-06	
165	0.000830	0.000218	0.004081
0.000360	0.000274	1.04E-05	
166	0.000830	0.000173	0.002606
0.000240	0.000318	1.24E-05	
167	0.000830	0.000139	0.000953
0.000110	0.000343	1.32E-05	
168	0.000830	0.000134	6.06E-08
6.39E-05	0.000347	1.33E-05	
169	0.000845	0.000186	0.000100
6.66E-05	0.001326	0.000164	
170	0.000845	0.000196	0.000996
7.79E-05	0.001330	0.000133	
171	0.000845	0.000214	0.002703
0.000311	0.001176	0.000139	
172	0.000844	0.000227	0.004227
0.000467	0.000905	0.000113	
173	0.000844	0.000229	0.005486
0.000566	0.000595	8.50E-05	
174	0.000844	0.000217	0.006385
0.000616	0.000335	6.21E-05	
175	0.000844	0.000190	0.006824
0.000616	0.000236	5.15E-05	
176	0.000842	0.000152	0.006700
0.000563	0.000277	5.34E-05	
177	0.000843	0.000111	0.005918
0.000457	0.000364	6.08E-05	
178	0.000842	7.05E-05	0.004412
0.000309	0.000499	7.27E-05	
179	0.000841	5.54E-05	0.002105
0.000139	0.000602	7.79E-05	
180	0.000840	6.83E-05	8.22E-05
9.16E-05	0.000709	8.01E-05	
181	0.000840	8.82E-05	0.002773
0.000160	0.000845	9.44E-05	
182	0.000839	0.000118	0.005976
0.000266	0.000690	0.000104	
183	0.000838	0.000145	0.008294
0.000370	0.000801	9.57E-05	
184	0.000838	0.000164	0.009753
0.000465	0.000609	8.02E-05	
185	0.000838	0.000170	0.010336
0.000525	0.000454	6.80E-05	
186	0.000838	0.000163	0.010085
0.000534	0.000393	6.32E-05	
187	0.000839	0.000142	0.009321
0.000491	0.000417	6.81E-05	
188	0.000840	0.000110	0.007817
0.000393	0.000528	7.61E-05	
189	0.000841	7.24E-05	0.005557
0.000259	0.000645	8.50E-05	
190	0.000842	4.45E-05	0.002543
0.000118	0.000738	8.91E-05	
191	0.000843	4.75E-05	5.95E-05
6.21E-05	0.000829	9.13E-05	
192	0.000844	6.60E-05	0.002331
0.000122	0.000808	0.000108	
193	0.000844	0.000105	0.005053
0.000250	0.000965	0.000117	
194	0.000845	0.000140	0.007049
0.000376	0.000856	0.000107	
195	0.000846	0.000169	0.008335
0.000479	0.000645	8.93E-05	
196	0.000843	0.000183	0.008885
0.000530	0.000466	7.26E-05	
197	0.000847	0.000182	0.008883
0.000530	0.000380	6.38E-05	
198	0.000847	0.000165	0.008332
0.000478	0.000377	6.26E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000848	0.000136	0.007046
0.000374	0.000469	6.87E-05	
200	0.000848	0.000101	0.005049
0.000248	0.000586	7.93E-05	
201	0.000849	6.40E-05	0.002329
0.000120	0.000676	8.43E-05	
202	0.000849	4.75E-05	6.02E-05
6.20E-05	0.000767	8.59E-05	
203	0.000850	4.29E-05	0.002542
0.000117	0.000888	9.44E-05	
204	0.000850	6.60E-05	0.005554
0.000257	0.000920	0.000100	
205	0.000851	9.51E-05	0.007814
0.000391	0.000823	9.31E-05	
206	0.000852	0.000120	0.009318
0.000489	0.000626	8.14E-05	
207	0.000852	0.000135	0.010084
0.000532	0.000465	6.84E-05	
208	0.000851	0.000135	0.010334
0.000523	0.000378	6.33E-05	
209	0.000850	0.000123	0.009752
0.000464	0.000380	7.07E-05	
210	0.000849	0.000101	0.008292
0.000369	0.000503	7.94E-05	
211	0.000847	7.53E-05	0.005973
0.000266	0.000660	9.26E-05	
212	0.000845	5.08E-05	0.002768
0.000160	0.000783	9.73E-05	
213	0.000844	5.37E-05	6.17E-05
9.17E-05	0.000897	9.92E-05	
214	0.000843	7.14E-05	0.002107
0.000139	0.001035	0.000117	
215	0.000841	0.000114	0.004414
0.000308	0.001089	0.000129	
216	0.000840	0.000164	0.005920
0.000457	0.001001	0.000121	
217	0.000839	0.000211	0.006703
0.000564	0.000798	0.000103	
218	0.000838	0.000248	0.006826
0.000617	0.000556	8.15E-05	
219	0.000838	0.000270	0.006386
0.000617	0.000363	6.63E-05	
220	0.000838	0.000276	0.005485
0.000568	0.000372	6.18E-05	
221	0.000839	0.000266	0.004223
0.000469	0.000398	6.24E-05	
222	0.000839	0.000244	0.002693
0.000312	0.000430	6.41E-05	
223	0.000841	0.000215	0.000976
7.77E-05	0.000400	5.45E-05	
224	0.000841	0.000198	0.000100
6.37E-05	0.000365	6.63E-05	
225	0.000826	0.000137	0.000112
8.08E-05	0.001286	0.000162	
226	0.000826	0.000120	0.000948
7.79E-05	0.001297	0.000132	
227	0.000827	0.000116	0.002604
0.000322	0.001160	0.000139	
228	0.000827	0.000129	0.004082
0.000501	0.000924	0.000112	
229	0.000827	0.000136	0.005303
0.000616	0.000642	8.36E-05	
230	0.000827	0.000130	0.006175
0.000672	0.000407	6.05E-05	
231	0.000827	0.000117	0.006601
0.000668	0.000258	4.99E-05	
232	0.000826	9.24E-05	0.006481
0.000604	0.000244	5.19E-05	
233	0.000826	6.87E-05	0.005723
0.000485	0.000331	5.97E-05	
234	0.000825	6.55E-05	0.004264
0.000324	0.000474	7.07E-05	
235	0.000824	6.33E-05	0.002029
0.000152	0.000584	7.57E-05	
236	0.000823	6.00E-05	8.07E-05
0.00105	0.000690	7.80E-05	
237	0.000823	6.74E-05	0.002661
0.000162	0.000819	9.39E-05	
238	0.000822	8.25E-05	0.005766
0.000261	0.000868	0.000104	
239	0.000822	0.000104	0.008014
0.000363	0.000794	9.50E-05	
240	0.000822	0.000119	0.009431
0.000480	0.000618	7.90E-05	
241	0.000822	0.000123	0.009998
0.000548	0.000462	6.51E-05	
242	0.000822	0.000115	0.009757
0.000559	0.000378	6.29E-05	
243	0.000823	9.69E-05	0.009018
0.000511	0.000391	6.83E-05	
244	0.000824	7.96E-05	0.007561
0.000405	0.000509	7.67E-05	
245	0.000825	4.32E-05	0.005370
0.000259	0.000624	8.72E-05	
246	0.000825	4.32E-05	0.002449
0.000125	0.000718	8.99E-05	
247	0.000826	4.16E-05	7.20E-05
7.46E-05	0.000806	8.86E-05	
248	0.000826	4.29E-05	0.002245
0.000129	0.000917	0.000102	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000826	6.67E-05	0.004883
0.000250	0.000933	0.000110	
250	0.000827	9.81E-05	0.006820
0.000378	0.000823	8.89E-05	
251	0.000827	0.000122	0.008067
0.000489	0.000620	8.14E-05	
252	0.000827	0.000135	0.008600
0.000546	0.000445	6.70E-05	
253	0.000827	0.000134	0.008600
0.000546	0.000359	6.32E-05	
254	0.000827	0.000121	0.008065
0.000488	0.000358	6.15E-05	
255	0.000827	9.73E-05	0.006817
0.000376	0.000454	6.73E-05	
256	0.000827	6.66E-05	0.004881
0.000247	0.000571	7.73E-05	
257	0.000828	4.33E-05	0.002244
0.000127	0.000659	8.02E-05	
258	0.000828	3.79E-05	7.23E-05
7.46E-05	0.000746	8.26E-05	
259	0.000828	4.03E-05	0.002449
0.000123	0.000856	9.88E-05	
260	0.000829	4.16E-05	0.005369
0.000257	0.000874	0.000108	
261	0.000829	5.39E-05	0.007559
0.000403	0.000770	9.91E-05	
262	0.000830	7.58E-05	0.009017
0.000509	0.000570	8.37E-05	
263	0.000830	8.72E-05	0.009757
0.000557	0.000410	7.04E-05	
264	0.000830	8.65E-05	0.009999
0.000547	0.000349	6.02E-05	
265	0.000829	7.41E-05	0.009432
0.000479	0.000373	6.55E-05	
266	0.000828	5.45E-05	0.008016
0.000363	0.000493	7.72E-05	
267	0.000827	3.91E-05	0.005768
0.000261	0.000646	8.80E-05	
268	0.000826	3.71E-05	0.002664
0.000162	0.000765	9.21E-05	
269	0.000825	4.29E-05	7.68E-05
0.000105	0.000872	9.33E-05	
270	0.000824	5.34E-05	0.002027
0.000151	0.000999	0.000109	
271	0.000825	7.71E-05	0.004262
0.000324	0.001033	0.000122	
272	0.000822	0.000113	0.005721
0.000485	0.000927	0.000114	
273	0.000821	0.000147	0.006479
0.000604	0.000710	9.81E-05	
274	0.000820	0.000172	0.006599
0.000668	0.000463	7.80E-05	
275	0.000820	0.000184	0.006173
0.000672	0.000348	6.37E-05	
276	0.000820	0.000182	0.005302
0.000616	0.000354	6.12E-05	
277	0.000820	0.000166	0.004084
0.000551	0.000384	6.29E-05	
278	0.000820	0.000145	0.002609
0.000322	0.000416	6.53E-05	
279	0.000820	0.000137	0.000958
7.84E-05	0.000387	5.55E-05	
280	0.000820	0.000147	0.000113
8.42E-05	0.000352	6.68E-05	
281	0.001164	2.93E-05	.000000
9.76E-05	0.001350	1.01E-05	
282	0.001286	4.03E-05	.000000
0.000103	0.000676	8.86E-06	
283	0.001600	.000000	.000000
7.41E-05	0.000794	1.12E-05	
284	.000000	.000000	.000000
5.38E-05	0.000732	9.50E-06	
285	0.001642	8.54E-05	.000000
3.90E-05	0.000871	1.24E-05	
286	0.001566	3.11E-05	.000000
8.59E-05	0.000366	1.19E-05	
287	0.001114	0.000108	.000000
0.000118	0.001228	7.62E-06	
288	0.001186	2.66E-05	.000000
8.25E-05	0.000632	2.64E-06	
289	0.001516	.000000	.000000
4.20E-05	0.000749	5.04E-06	
290	.000000	.000000	.000000
2.49E-05	0.000689	3.40E-06	
291	0.001554	8.09E-05	.000000
2.05E-05	0.000819	5.25E-06	
292	0.001404	0.000109	.000000
5.14E-05	0.000352	5.02E-06	
293	0.001130	9.38E-05	.000000
0.000197	0.001258	1.35E-05	
294	0.001213	5.82E-05	.000000
0.000116	0.000635	7.18E-06	
295	0.001532	6.14E-05	.000000
0.000167	0.000737	9.48E-06	
296	3.92E-06	9.46E-05	.000000
5.85E-05	0.000700	8.21E-06	
297	0.001499	0.000441	.000000
3.99E-05	0.000816	9.62E-06	
298	0.001440	0.000357	.000000
9.37E-05	0.000357	1.33E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DL ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000929	-9.36E-05	-4.16E-07
-0.000241	-0.000364	-1.17E-05	
2	-0.000929	-9.35E-05	-0.003748
-0.000320	-0.000359	-1.14E-05	
3	-0.000930	-0.000113	-0.009957
-0.000470	-0.000331	-9.83E-06	
4	-0.000931	-0.000154	-0.014862
-0.000574	-0.000283	-8.24E-06	
5	-0.000933	-0.000183	-0.018140
-0.000622	-0.000226	-6.39E-06	
6	-0.000933	-0.000198	-0.019562
-0.000621	-0.000236	-6.39E-06	
7	-0.000933	-0.000198	-0.019032
-0.000571	-0.000398	-9.40E-06	
8	-0.000931	-0.000183	-0.016689
-0.000482	-0.000674	-1.32E-05	
9	-0.000929	-0.000156	-0.012879
-0.000359	-0.000898	-1.61E-05	
10	-0.000927	-0.000128	-0.008170
-0.000218	-0.001003	-1.75E-05	
11	-0.000925	-0.000123	-0.003221
-9.65E-05	-0.000970	-1.59E-05	
12	-0.000924	-0.000130	-9.36E-07
-7.74E-05	-0.000868	-1.17E-05	
13	-0.000923	-0.000139	-0.002556
-0.000146	-0.000748	-1.06E-05	
14	-0.000922	-0.000145	-0.006554
-0.000273	-0.000564	-8.86E-06	
15	-0.000922	-0.000172	-0.010366
-0.000386	-0.000393	-7.83E-06	
16	-0.000923	-0.000187	-0.013385
-0.000465	-0.000251	-6.95E-06	
17	-0.000923	-0.000196	-0.015068
-0.000499	-0.000200	-4.16E-06	
18	-0.000924	-0.000189	-0.015140
-0.000487	-0.000298	-5.38E-06	
19	-0.000926	-0.000169	-0.013585
-0.000433	-0.000492	-8.72E-06	
20	-0.000927	-0.000155	-0.010645
-0.000339	-0.000708	-1.19E-05	
21	-0.000929	-0.000109	-0.006828
-0.000218	-0.000821	-1.37E-05	
22	-0.000931	-8.83E-05	-0.002714
-9.16E-05	-0.000813	-1.31E-05	
23	-0.000932	-8.89E-05	-9.02E-07
-6.06E-05	-0.000733	-1.21E-05	
24	-0.000934	-9.39E-05	-0.002917
-0.000120	-0.000635	-1.01E-05	
25	-0.000935	-0.000112	-0.007315
-0.000249	-0.000486	-8.30E-06	
26	-0.000937	-0.000138	-0.011390
-0.000368	-0.000355	-7.03E-06	
27	-0.000939	-0.000161	-0.014548
-0.000455	-0.000236	-5.37E-06	
28	-0.000941	-0.000173	-0.016256
-0.000499	-0.000203	-4.12E-06	
29	-0.000942	-0.000172	-0.016255
-0.000499	-0.000319	-5.39E-06	
30	-0.000944	-0.000159	-0.014543
-0.000455	0.000517	-7.88E-06	
31	-0.000946	-0.000137	-0.011383
-0.000367	-0.000747	-1.10E-05	
32	-0.000948	-0.000111	-0.007307
-0.000249	-0.000869	-1.30E-05	
33	-0.000950	-9.34E-05	-0.002912
-0.000120	-0.000867	-1.26E-05	
34	-0.000951	-8.92E-05	-9.02E-07
-6.10E-05	-0.000793	-1.03E-05	
35	-0.000952	-8.83E-05	-0.002708
-9.06E-05	-0.000697	-1.06E-05	
36	-0.000952	-0.000104	-0.006818
-0.000215	-0.000545	-8.94E-06	
37	-0.000953	-0.000122	-0.010633
-0.000336	-0.000418	-7.07E-06	
38	-0.000953	-0.000157	-0.013574
-0.000431	-0.000288	-5.35E-06	
39	-0.000953	-0.000172	-0.015131
-0.000485	-0.000228	-4.37E-06	
40	-0.000953	-0.000171	-0.015061
-0.000497	-0.000313	-5.39E-06	
41	-0.000952	-0.000157	-0.013381
-0.000464	-0.000487	-7.53E-06	
42	-0.000951	-0.000134	-0.010365
-0.000385	-0.000694	-1.05E-05	
43	-0.000950	-0.000113	-0.006554
-0.000273	-0.000795	-9.40E-06	
44	-0.000948	-0.000105	-0.002556
-0.000146	-0.000770	-1.17E-05	
45	-0.000946	-0.000106	-9.33E-07
-7.17E-05	-0.000676	-9.65E-06	
46	-0.000944	-0.000111	-0.003222
-9.06E-05	-0.000561	-9.61E-06	
47	-0.000944	-0.000126	-0.008172
-0.000211	-0.000394	-8.46E-06	
48	-0.000939	-0.000153	-0.012883
-0.000357	-0.000236	-7.56E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000936	-0.000179	-0.016694
-0.000482	-9.45E-05	-6.44E-06	
50	-0.000934	-0.000196	-0.019039
-0.000572	-0.000107	-4.82E-06	
51	-0.000934	-0.000202	-0.019570
-0.000623	-0.000185	-3.01E-06	
52	-0.000934	-0.000194	-0.018149
-0.000626	-0.000481	-4.65E-06	
53	-0.000935	-0.000173	-0.014869
-0.000578	-0.000803	-6.90E-06	
54	-0.000938	-0.000143	-0.009964
-0.000476	-0.001098	-9.80E-06	
55	-0.000940	-0.000119	-0.003751
-0.000327	-0.001307	-1.03E-05	
56	-0.000941	-0.000112	-4.18E-07
-0.000249	-0.001348	-1.09E-05	
57	-0.000942	-6.62E-05	-4.33E-07
-0.000190	-0.000348	-5.05E-06	
58	-0.000912	-5.74E-05	-0.003379
-0.000278	-0.000343	-5.20E-06	
59	-0.000913	-4.54E-05	-0.008985
-0.000496	-0.000316	-2.81E-06	
60	-0.000912	-3.88E-05	-0.013441
-0.000660	-0.000272	-3.53E-06	
61	-0.000911	-3.48E-05	-0.016453
-0.000751	-0.000213	-4.39E-06	
62	-0.000909	-3.25E-05	-0.017791
-0.000769	-0.000204	-5.16E-06	
63	-0.000907	-3.38E-05	-0.017357
-0.000718	-0.000347	-5.75E-06	
64	-0.000906	-3.81E-05	-0.015264
-0.000605	-0.000603	-6.18E-06	
65	-0.000903	-4.64E-05	-0.011827
-0.000447	-0.000813	-6.34E-06	
66	-0.000900	-5.78E-05	-0.007548
-0.000263	-0.000918	-6.41E-06	
67	-0.000898	-7.50E-05	-0.003002
-9.38E-05	-0.000900	-5.94E-06	
68	-0.000897	-9.19E-05	-9.54E-07
-6.04E-05	-0.000817	-4.46E-06	
69	-0.000896	-0.000102	-0.002358
-0.000151	-0.000704	-5.27E-06	
70	-0.000895	-0.000111	-0.006002
-0.000310	-0.000636	-4.07E-06	
71	-0.000895	-0.000115	-0.009448
-0.000460	-0.000379	-1.55E-06	
72	-0.000894	-0.000113	-0.012169
-0.000571	-0.000244	-1.49E-06	
73	-0.000894	-0.000105	-0.013690
-0.000627	-0.000180	-2.08E-06	
74	-0.000895	-9.24E-05	-0.013762
-0.000618	-0.000263	-2.82E-06	
75	-0.000895	-7.69E-05	-0.012370
-0.000546	-0.000441	-3.75E-06	
76	-0.000896	-6.05E-05	-0.009724
-0.000423	-0.000640	-4.59E-06	
77	-0.000896	-4.67E-05	-0.006273
-0.000267	-0.000749	-5.32E-06	
78	-0.000897	-4.49E-05	-0.002514
-0.000106	-0.000752	-5.34E-06	
79	-0.000897	-5.05E-05	-9.36E-07
-4.08E-05	-0.000688	-4.19E-06	
80	-0.000898	-5.36E-05	-0.002726
-0.000134	-0.000597	-5.07E-06	
81	-0.000898	-6.21E-05	-0.006781
-0.000296	-0.000461	-3.92E-06	
82	-0.000898	-7.18E-05	-0.010503
-0.000449	-0.000340	-2.43E-06	
83	-0.000898	-7.75E-05	-0.013377
-0.000567	-0.000227	-1.72E-06	
84	-0.000898	-7.87E-05	-0.014929
-0.000630	-0.000189	-1.83E-06	
85	-0.000898	-7.74E-05	-0.014929
-0.000630	-0.000283	-2.28E-06	
86	-0.000898	-7.52E-05	-0.013376
-0.000566	-0.000471	-2.93E-06	
87	-0.000898	-6.91E-05	-0.010503
-0.000447	-0.000684	-3.81E-06	
88	-0.000898	-6.07E-05	-0.006781
-0.000294	-0.000802	-4.84E-06	
89	-0.000899	-5.27E-05	-0.002726
-0.000132	-0.000811	-5.22E-06	
90	-0.000899	-5.15E-05	-9.36E-07
-3.98E-05	-0.000749	-4.17E-06	
91	-0.000899	-4.60E-05	-0.002513
-0.000107	-0.000659	-5.38E-06	
92	-0.000899	-4.35E-05	-0.006273
-0.000266	-0.000519	-4.41E-06	
93	-0.000899	-4.61E-05	-0.009724
-0.000421	-0.000401	-2.99E-06	
94	-0.000899	-5.34E-05	-0.012369
-0.000544	-0.000277	-2.30E-06	
95	-0.000899	-5.83E-05	-0.013763
-0.000616	-0.000215	-2.02E-06	
96	-0.000899	-6.07E-05	-0.013691
-0.000625	-0.000287	-2.11E-06	
97	-0.000899	-6.07E-05	-0.012170
-0.000570	-0.000456	-2.41E-06	
98	-0.000898	-5.92E-05	-0.009448
-0.000459	-0.000641	-3.11E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000897	-5.81E-05	-0.006002
-0.000310	-0.000731	-4.10E-06	
100	-0.000895	-5.82E-05	-0.002359
-0.000150	-0.000712	-4.43E-06	
101	-0.000894	-6.14E-05	-9.61E-07
-5.65E-05	-0.000633	-3.47E-06	
102	-0.000893	-6.12E-05	-0.003002
-9.41E-05	-0.000528	-4.67E-06	
103	-0.000890	-6.57E-05	-0.007549
-0.000264	-0.000375	-3.75E-06	
104	-0.000888	-7.29E-05	-0.011829
-0.000448	-0.000230	-2.36E-06	
105	-0.000886	-7.97E-05	-0.015265
-0.000606	-9.63E-05	-1.70E-06	
106	-0.000884	-8.44E-05	-0.017357
-0.000718	-3.20E-05	-1.29E-06	
107	-0.000883	-8.71E-05	-0.017791
-0.000769	-0.000201	-9.77E-07	
108	-0.000882	-8.80E-05	-0.016452
-0.000750	-0.000472	-1.12E-06	
109	-0.000882	-8.75E-05	-0.013439
-0.000659	-0.000767	-1.91E-06	
110	-0.000882	-8.68E-05	-0.008982
-0.000493	-0.001024	-3.29E-06	
111	-0.000883	-9.15E-05	-0.003377
-0.000271	-0.001194	-6.92E-06	
112	-0.000884	-9.75E-05	-4.29E-07
-0.000180	-0.001227	-8.14E-06	
113	-0.000917	-7.21E-05	-3.88E-07
-0.000259	-0.000348	-1.48E-05	
114	-0.000917	-6.77E-05	-0.003458
-0.000308	-0.000344	-1.48E-05	
115	-0.000918	-6.18E-05	-0.009191
-0.000461	-0.000319	-1.40E-05	
116	-0.000918	-8.49E-05	-0.013723
-0.000569	-0.000275	-1.20E-05	
117	-0.000917	-0.000121	-0.016758
-0.000623	-0.000215	-9.03E-06	
118	-0.000916	-0.000154	-0.018074
-0.000624	-0.000187	-6.30E-06	
119	-0.000914	-0.000167	-0.017593
-0.000578	-0.000344	-6.73E-06	
120	-0.000912	-0.000160	-0.015448
-0.000488	-0.000594	-9.31E-06	
121	-0.000909	-0.000143	-0.011952
-0.000368	-0.000814	-1.14E-05	
122	-0.000907	-0.000122	-0.007613
-0.000238	-0.000925	-1.18E-05	
123	-0.000905	-0.000103	-0.003023
-0.000134	-0.000910	-1.06E-05	
124	-0.000904	-9.66E-05	-8.99E-07
-0.000114	-0.000829	-8.92E-06	
125	-0.000903	-0.000107	-0.002379
-0.000163	-0.000717	-8.44E-06	
126	-0.000902	-0.000129	-0.006081
-0.000269	-0.000544	-8.75E-06	
127	-0.000902	-0.000145	-0.009619
-0.000382	-0.000381	-8.44E-06	
128	-0.000902	-0.000163	-0.012420
-0.000462	-0.000245	-6.67E-06	
129	-0.000903	-0.000175	-0.013983
-0.000499	-0.000181	-4.37E-06	
130	-0.000904	-0.000173	-0.014050
-0.000489	-0.000271	-4.76E-06	
131	-0.000905	-0.000158	-0.012606
-0.000435	-0.000445	-7.40E-06	
132	-0.000906	-0.000132	-0.009877
-0.000342	-0.000653	-9.83E-06	
133	-0.000907	-9.86E-05	-0.006335
-0.000235	-0.000765	-1.08E-05	
134	-0.000908	-6.44E-05	-0.002536
-0.000134	-0.000763	-1.00E-05	
135	-0.000909	-5.07E-05	-8.66E-07
-0.000103	-0.000699	-8.55E-06	
136	-0.000909	-5.86E-05	-0.002741
-0.000147	-0.000608	-8.32E-06	
137	-0.000910	-8.61E-05	-0.006830
-0.000253	-0.000467	-8.26E-06	
138	-0.000910	-0.000118	-0.010597
-0.000368	-0.000341	-7.81E-06	
139	-0.000913	-0.000143	-0.013512
-0.000455	-0.000227	-6.17E-06	
140	-0.000910	-0.000157	-0.015089
-0.000501	-0.000192	-4.47E-06	
141	-0.000909

161	-0.000898	-0.000153	-0.015447
-0.000488	-9.73E-05	-5.50E-06	
162	-0.000896	-0.000162	-0.017592
-0.000578	-4.63E-05	-3.36E-06	
163	-0.000894	-0.000156	-0.018075
-0.000625	-0.000206	-2.57E-06	
164	-0.000893	-0.000137	-0.016758
-0.000624	-0.000492	-5.14E-06	
165	-0.000893	-0.000110	-0.013724
-0.000571	-0.000799	-8.96E-06	
166	-0.000893	-9.80E-05	-0.009191
-0.000464	-0.001067	-1.22E-05	
167	-0.000894	-9.53E-05	-0.003458
-0.000312	-0.001242	-1.40E-05	
168	-0.000895	-9.48E-05	-3.89E-07
-0.000263	-0.001270	-1.43E-05	
169	-0.000925	-5.65E-05	-0.000140
-0.000234	-0.000361	-7.18E-05	
170	-0.000925	-5.99E-05	-0.003534
-0.000265	-0.000397	-5.82E-05	
171	-0.000925	-7.60E-05	-0.009418
-0.000548	-0.000429	-6.93E-05	
172	-0.000924	-9.69E-05	-0.014095
-0.000716	-0.000397	-6.67E-05	
173	-0.000923	-0.000112	-0.017260
-0.000802	-0.000371	-6.50E-05	
174	-0.000922	-0.000120	-0.018652
-0.000810	-0.000426	-6.72E-05	
175	-0.000920	-0.000122	-0.018182
-0.000750	-0.000556	-7.93E-05	
176	-0.000918	-0.000117	-0.015966
-0.000630	-0.000798	-0.000102	
177	-0.000916	-0.000106	-0.012350
-0.000461	-0.001001	-0.000120	
178	-0.000913	-9.09E-05	-0.007864
-0.000266	-0.001089	-0.000129	
179	-0.000911	-8.74E-05	-0.003113
-0.000129	-0.001035	-0.000116	
180	-0.000909	-9.41E-05	-9.78E-05
-8.45E-05	-0.000897	-9.68E-05	
181	-0.000908	-0.000106	-0.002458
-0.000147	-0.000783	-9.31E-05	
182	-0.000908	-0.000127	-0.006268
-0.000321	-0.000660	-8.72E-05	
183	-0.000907	-0.000142	-0.009881
-0.000484	-0.000503	-7.49E-05	
184	-0.000907	-0.000147	-0.012745
-0.000602	-0.000380	-6.42E-05	
185	-0.000908	-0.000147	-0.014348
-0.000656	-0.000379	-6.18E-05	
186	-0.000909	-0.000139	-0.014423
-0.000644	-0.000465	-6.94E-05	
187	-0.000912	-0.000122	-0.012950
-0.000569	-0.000626	-8.56E-05	
188	-0.000911	-9.77E-05	-0.010164
-0.000434	-0.000823	-0.000100	
189	-0.000912	-7.08E-05	-0.006545
-0.000263	-0.000920	-0.000108	
190	-0.000913	-5.03E-05	-0.002616
-0.000124	-0.000889	-0.000100	
191	-0.000914	-5.00E-05	-8.50E-05
-6.96E-05	-0.000767	-8.51E-05	
192	-0.000915	-6.06E-05	-0.002832
-0.000134	-0.000676	-8.42E-05	
193	-0.000916	-8.33E-05	-0.007061
-0.000293	-8.18E-05	-8.18E-05	
194	-0.000917	-0.000104	-0.010955
-0.000461	-0.000469	-7.31E-05	
195	-0.000918	-0.000119	-0.013971
-0.000586	-0.000377	-6.73E-05	
196	-0.000919	-0.000126	-0.015605
-0.000649	-0.000380	-6.28E-05	
197	-0.000919	-0.000124	-0.015604
-0.000648	-0.000466	-7.08E-05	
198	-0.000920	-0.000116	-0.013969
-0.000585	-0.000645	-8.55E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
313

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000921	-0.000100	-0.010952
-0.000459	-0.000857	-9.73E-05	
200	-0.000922	-8.05E-05	-0.007058
-0.000291	-0.000965	-0.000105	
201	-0.000923	-5.91E-05	-0.002830
-0.000132	-0.000944	-9.93E-05	
202	-0.000923	-5.01E-05	-8.54E-05
-6.96E-05	-0.000828	-8.86E-05	
203	-0.000924	-5.10E-05	-0.002615
-0.000122	-0.000737	-8.04E-05	
204	-0.000925	-6.95E-05	-0.006543
-0.000261	-0.000645	-8.45E-05	
205	-0.000925	-9.04E-05	-0.010161
-0.000432	-0.000528	-7.32E-05	
206	-0.000926	-0.000106	-0.012948
-0.000567	-0.000417	-6.53E-05	
207	-0.000926	-0.000116	-0.014421
-0.000642	-0.000393	-6.53E-05	
208	-0.000926	-0.000117	-0.014347
-0.000655	-0.000454	-7.19E-05	
209	-0.000925	-0.000109	-0.012744
-0.000602	-0.000609	-8.81E-05	
210	-0.000924	-9.60E-05	-0.009881
-0.000484	-0.000801	-0.000105	
211	-0.000923	-8.12E-05	-0.006268
-0.000321	-0.000890	-0.000113	
212	-0.000921	-7.00E-05	-0.002457
-0.000148	-0.000845	-0.000102	
213	-0.000920	-6.71E-05	-8.73E-05
-8.45E-05	-0.000709	-8.45E-05	
214	-0.000919	-7.29E-05	-0.003118
-0.000130	-0.000602	-8.06E-05	
215	-0.000915	-9.09E-05	-0.007868
-0.000266	-0.000499	-7.41E-05	
216	-0.000912	-0.000112	-0.012353
-0.000462	-0.000364	-6.28E-05	
217	-0.000910	-0.000129	-0.015968
-0.000631	-0.000277	-5.66E-05	
218	-0.000908	-0.000139	-0.018184
-0.000751	-0.000236	-5.40E-05	
219	-0.000906	-0.000143	-0.018652
-0.000812	-0.000335	-6.01E-05	
220	-0.000906	-0.000140	-0.017258
-0.000804	-0.000595	-8.03E-05	
221	-0.000906	-0.000129	-0.014091
-0.000718	-0.000905	-0.000107	
222	-0.000907	-0.000111	-0.009409
-0.000550	-0.001177	-0.000133	
223	-0.000908	-9.16E-05	-0.003521
-0.000265	-0.001332	-0.000126	
224	-0.000909	-8.48E-05	-0.000142
-0.000233	-0.001328	-0.000156	
225	-0.000902	-6.23E-05	-0.000183
-0.000229	-0.000354	-7.02E-05	
226	-0.000903	-5.54E-05	-0.003408
-0.000237	-0.000388	-5.63E-05	
227	-0.000904	-4.83E-05	-0.009081
-0.000522	-0.000417	-6.88E-05	
228	-0.000904	-4.56E-05	-0.013597
-0.000672	-0.000384	-6.59E-05	
229	-0.000904	-4.95E-05	-0.016655
-0.000742	-0.000354	-6.27E-05	
230	-0.000903	-6.66E-05	-0.018004
-0.000744	-0.000348	-6.38E-05	
231	-0.000902	-7.68E-05	-0.017558
-0.000689	-0.000462	-7.54E-05	
232	-0.000900	-7.93E-05	-0.015425
-0.000581	-0.000709	-9.63E-05	
233	-0.000898	-7.70E-05	-0.011938
-0.000427	-0.000927	-0.000116	
234	-0.000896	-7.62E-05	-0.007613
-0.000251	-0.001033	-0.000127	
235	-0.000894	-8.16E-05	-0.003029
-0.000123	-0.000999	-0.000115	
236	-0.000893	-8.75E-05	-0.000154
-7.64E-05	-0.000872	-9.57E-05	
237	-0.000892	-0.000100	-0.002387
-0.000137	-0.000765	-9.31E-05	
238	-0.000891	-0.000117	-0.006071
-0.000305	-0.000647	-8.74E-05	
239	-0.000891	-0.000125	-0.009565
-0.000459	-0.000493	-7.40E-05	
240	-0.000891	-0.000125	-0.012336
-0.000564	-0.000373	-6.28E-05	
241	-0.000892	-0.000123	-0.013886
-0.000611	-0.000349	-5.89E-05	
242	-0.000892	-0.000118	-0.013959
-0.000600	-0.000410	-6.78E-05	
243	-0.000893	-0.000105	-0.012535
-0.000534	-0.000570	-8.39E-05	
244	-0.000894	-8.52E-05	-0.009842
-0.000414	-0.000770	-9.75E-05	
245	-0.000896	-0.000114	-0.006343
-0.000256	-0.000875	-0.000104	
246	-0.000896	-4.23E-05	-0.002543
-0.000118	-0.000856	-9.54E-05	
247	-0.000897	-4.21E-05	-0.000134
-6.27E-05	-0.000746	-8.18E-05	
248	-0.000897	-5.36E-05	-0.002753
-0.000121	-0.000659	-8.18E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
314

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000898	-7.23E-05	-0.006842
-0.000287	-0.000571	-8.02E-05	
250	-0.000898	-8.44E-05	-0.010606
-0.000444	-0.000454	-7.18E-05	
251	-0.000898	-9.46E-05	-0.013523
-0.000557	-0.000301	-6.22E-05	
252	-0.000898	-0.000102	-0.015104
-0.000613	-0.000359	-5.98E-05	
253	-0.000898	-0.000102	-0.015103
-0.000613	-0.000445	-7.26E-05	
254	-0.000899	-9.53E-05	-0.013522
-0.000556	-0.000620	-8.76E-05	
255	-0.000899	-8.36E-05	-0.010605
-0.000442	-0.000823	-0.000104	
256	-0.000899	-7.22E-05	-0.006840
-0.000285	-0.000933	-0.000113	
257	-0.000900	-5.66E-05	-0.002752
-0.000119	-0.000917	-0.000104	
258	-0.000900	-4.57E-05	-0.000134
-6.22E-05	-0.000899	-8.26E-05	
259	-0.000901	-3.95E-05	-0.002543
-0.000116	-0.000718	-8.52E-05	
260	-0.000901	-5.45E-05	-0.006341
-0.000254	-0.000624	-8.14E-05	
261	-0.000902	-7.34E-05	-0.009839
-0.000412	-0.000509	-7.11E-05	
262	-0.000902	-8.97E-05	-0.012532
-0.000532	-0.000391	-6.49E-05	
263	-0.000902	-9.90E-05	-0.013956
-0.000599	-0.000378	-6.55E-05	
264	-0.000902	-9.94E-05	-0.013884
-0.000610	-0.000462	-6.81E-05	
265	-0.000902	-9.11E-05	-0.012334
-0.000564	-0.000618	-8.02E-05	
266	-0.000901	-7.70E-05	-0.009564
-0.000458	-0.000794	-9.53E-05	
267	-0.000900	-6.23E-05	-0.006071
-0.000305	-0.000868	-0.000103	
268	-0.000898	-5.69E-05	-0.002388
-0.000136	-0.000819	-9.11E-05	
269	-0.000897	-5.80E-05	-0.000137
-7.61E-05	-0.000689	-7.96E-05	
270	-0.000896	-6.40E-05	-0.003026
-0.000122	-0.000584	-7.85E-05	
271	-0.000894	-7.58E-05	-0.007611
-0.000251	-0.000474	-7.35E-05	
272	-0.000892	-8.73E-05	-0.011938
-0.000428	-0.000331	-6.25E-05	
273	-0.000889	-9.60E-05	-0.015425
-0.000582	-0.000244	-5.63E-05	
274	-0.000888	-9.85E-05	-0.017559
-0.000689	-0.000258	-5.36E-05	
275	-0.000886	-9.63E-05	-0.018006
-0.000745	-0.000407	-6.04E-05	
276	-0.000886	-9.42E-05	-0.016656
-0.000743	-0.000642	-8.16E-05	
277	-0.000886	-9.10E-05	-0.013599
-0.000672	-0.000924	-0.000108	
278	-0.000887	-8.77E-05	-0.009087
-0.000521	-0.001160	-0.000135	
279	-0.000888	-8.07E-05	-0.003416
-0.000238	-0.001296	-0.000128	
280	-0.000888	-8.98E-05	-0.000182
-0.000229	-0.001284	-0.000157	
281	-0.002215	-1.54E-05	.000000
-0.000231	-0.000362	-1.17E-05	
282	-0.001096	-3.61E-05	.000000
-6.29E-05	-0.000868	-1.17E-05	
283	-0.001855	.000000	.000000
-6.00E-05	-0.000733	-1.05E-05	
284	.000000	.000000	.000000
-4.77E-05	-0.000794	-1.03E-05	
285	-0.001854	-9.65E-05	.000000
-4.41E-05	-0.000680	-8.65E-06	
286	-0.000659	-1.31E-05	.000000
-0.000205	-0.001356	-1.09E-05	
287	-0.002092	-5.76E-05	.000000
-0.000150	-0.000343	-6.05E-06	
288	-0.001023	-3.09E-05	.000000
-6.70E-05	-0.000817	-4.46E-06	
289	-0.001771	.000000	.000000
-4.07E-05	-0.000688	-4.19E-06	
290	.000000	.000000	.000000
-2.04E-05	-0.000749	-4.17E-06	
291	-0.001749	-9.10E-05	.000000
-1.94E-05	-0.000634	-3.47E-06	
292	-0.000611	-4.75E-05	.000000
-4.20E-05	-0.001235	-8.14E-06	
293	-0.002116	-2.18E-05	.000000
-0.000212	-0.000335	-1.48E-05	
294	-0.001049	-0.000144	.000000
-0.000168	-0.000819	-8.92E-06	
295	-0.001782	-6.99E-05	.000000
-0.000189	-0.000677	-8.59E-06	
296	-2.46E-06	-0.000151	.000000
-8.03E-05	-0.000760	-8.90E-06	
297	-0.001674	-0.000541	.000000
-9.15E-05	-0.000641	-7.94E-06	
298	-0.000598	-0.000244	.000000
-2.55E-05	-0.001264	-1.43E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
315

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB CAR ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000862	0.000253	5.33E-08
8.16E-05	0.001348	1.01E-05	
2	0.000862	0.000260	0.001011
0.000129	0.001307	9.42E-06	
3	0.000862	0.000288	0.002761
0.000254	0.001098	8.38E-06	
4	0.000863	0.000319	0.004323
0.000378	0.000803	6.37E-06	
5	0.000863	0.000336	0.005615
0.000462	0.000482	4.04E-06	
6	0.000864	0.000330	0.006541
0.000507	0.000186	3.09E-06	
7	0.000864	0.000300	0.006997
0.000509	1.76E-05	4.60E-06	
8	0.000864	0.000247	0.006878
0.000468	9.39E-05	6.04E-06	
9	0.000864	0.000177	0.006082
0.000386	0.000236	6.98E-06	
10	0.000863	0.000111	0.004536
0.000275	0.000393	8.49E-06	
11	0.000863	7.99E-05	0.002160
0.000161	0.000561	9.77E-06	
12	0.000862	8.76E-05	9.17E-08
0.000103	0.000676	8.86E-06	
13	0.000861	0.000114	0.002835
0.000120	0.000770	1.08E-05	
14	0.000860	0.000161	0.006132
0.000215	0.000795	1.12E-05	
15	0.000859	0.000208	0.008512
0.000308	0.000695	9.28E-06	
16	0.000859	0.000243	0.010005
0.000378	0.000488	6.86E-06	
17	0.000859	0.000259	0.010596
0.000424	0.000314	5.16E-06	
18	0.000859	0.000252	0.010337
0.000431	0.000228	4.94E-06	
19	0.000860	0.000222	0.009563
0.000396	0.000287	6.45E-06	
20	0.000861	0.000172	0.008025
0.000323	0.000418	8.04E-06	
21	0.000861	0.000112	0.005706
0.000227	0.000545	1.04E-05	
22	0.000864	7.27E-05	0.002606
0.000124	0.000697	1.19E-05	
23	0.000865	7.20E-05	1.48E-07
7.41E-05	0.000794	1.12E-05	
24	0.000865	9.00E-05	0.002389
0.000113	0.000868	1.31E-05	
25	0.000866	0.000145	0.005192
0.000214	0.000870	1.32E-05	
26	0.000868	0.000201	0.007243
0.000310	0.000746	1.10E-05	
27	0.000869	0.000245	0.008558
0.000385	0.000517	7.68E-06	
28	0.000868	0.000268	0.009118
0.000426	0.000319	5.23E-06	
29	0.000871	0.000268	0.009115
0.000426	0.000204	4.16E-06	
30	0.000872	0.000243	0.008555
0.000384	0.000237	5.35E-06	
31	0.000873	0.000198	0.007238
0.000310	0.000355	7.03E-06	
32	0.000874	0.000142	0.005187
0.000214	0.000486	8.22E-06	
33	0.000876	8.99E-05	0.002386
0.000114	0.000635	9.75E-06	
34	0.000878	7.32E-05	1.48E-07
7.43E-05	0.000791	9.50E-06	
35	0.000878	7.12E-05	0.002603
0.000122	0.000811	1.19E-05	
36	0.000879	0.000100	0.005700
0.000225	0.000821	1.24E-05	
37	0.000879	0.000153	0.008019
0.000321	0.000708	1.04E-05	
38	0.000879	0.000172	0.009558
0.000394	0.000492	7.38E-06	
39	0.000879	0.000217	0.010336
0.000429	0.000299	4.94E-06	
40	0.000878	0.000217	0.010596
0.000422	0.000200	4.04E-06	
41	0.000875	0.000195	0.010005
0.000376	0.000251	5.54E-06	
42	0.000872	0.000155	0.008513
0.000306	0.000393	7.17E-06	
43	0.000870	0.000110	0.006133
0.000213	0.000564	9.34E-06	
44	0.000868	7.67E-05	0.002835
0.000117	0.000748	1.21E-05	
45	0.000866	8.06E-05	8.88E-08
0.000103	0.000868	1.24E-05	
46	0.000864	0.000103	0.002161
0.000161	0.000970	1.51E-05	
47	0.000862	0.000166	0.004538
0.000275	0.001003	1.62E-05	
48	0.000861	0.000225	0.006087
0.000387	0.000898	1.51E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
316

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000860	0.000308	0.006885
0.000470	0.000675	1.22E-05	
50	0.000859	0.000356	0.007006
0.000511	0.000398	8.35E-06	
51	0.000859	0.000380	0.006551
0.000509	0.000135	5.33E-06	
52	0.000859	0.000379	0.005626
0.000465	0.000226	5.19E-06	
53	0.000860	0.000354	0.004334
0.000382	0.000283	7.44E-06	
54	0.000861	0.000314	0.002769
0.000259	0.000390	9.52E-06	
55	0.000862	0.000276	0.001015
0.000137	0.000359	1.15E-05	
56	0.000863	0.000262	5.51E-08
9.11E-05	0.000363	1.19E-05	
57	0.000825	0.000148	3.64E-08
6.83E-05	0.001227	7.62E-06	
58	0.000826	0.000150	0.000964
9.47E-05	0.001194	6.34E-06	
59	0.000826	0.000150	0.002633
0.000298	0.001023	3.09E-06	
60	0.000826	0.000141	0.004120
0.000475	0.000767	2.17E-06	
61	0.000826	0.000125	0.005344
0.000594	0.000472	1.89E-06	
62	0.000825	0.000107	0.006213
0.000653	0.000201	2.01E-06	
63	0.000825	8.69E-05	0.006629
0.000649	3.29E-05	2.14E-06	
64	0.000824	6.51E-05	0.006492
0.000586	9.62E-05	2.18E-06	
65	0.000823	5.34E-05	0.005715
0.000471	0.000230	2.22E-06	
66	0.000823	5.23E-05	0.004245
0.000320	0.000375	3.29E-06	
67	0.000822	6.18E-05	0.002016
0.000159	0.000528	3.96E-06	
68	0.000821	6.70E-05	5.29E-08
8.40E-05	0.000633	2.64E-06	
69	0.000821	7.16E-05	0.002655
0.000132	0.000712	3.95E-06	
70	0.000820	7.92E-05	0.005760
0.000225	0.000731	3.23E-06	
71	0.000820	8.57E-05	0.008024
0.000303	0.000641	2.05E-06	
72	0.000820	8.73E-05	0.009462
0.000473	0.000456	2.07E-06	
73	0.000820	8.38E-05	0.010043
0.000540	0.000287	2.66E-06	
74	0.000820	7.59E-05	0.009804
0.000550	0.000215	3.37E-06	
75	0.000819	6.37E-05	0.009043
0.000501	0.000277	4.11E-06	
76	0.000821	4.81E-05	0.007566
0.000401	0.000401	4.71E-06	
77	0.000822	4.02E-05	0.005361
0.000266	0.000519	5.80E-06	
78	0.000822	4.19E-05	0.002443
0.000122	0.000659	6.40E-06	
79	0.000823	4.89E-05	1.16E-07
4.21E-05	0.000749	5.04E-06	
80	0.000823	5.45E-05	0.002234
0.000102	0.000811	5.72E-06	
81	0.000823	6.57E-05	0.004865
0.000245	0.000802	4.99E-06	
82	0.000824	6.17E-05	0.006811
0.000383	0.000684	3.64E-06	
83	0.000824	9.30E-05	0.008076
0.000490	0.000471	2.56E-06	
84	0.000824	9.79E-05	0.008622
0.000548	0.000283	2.12E-06	
85	0.000824	9.62E-05	0.008622
0.000547	0.000189	1.89E-06	
86	0.000824	8.92E-05	0.008075
0.000489	0.000227	1.97E-06	
87	0.000824	7.67E-05	0.006811
0.000381	0.000340	2.53E-06	
88	0.000825	6.08E-05	0.004865
0.000243	0.000461	3.84E-06	
89	0.000825	5.16E-05	0.002234
0.000101	0.000597	4.73E-06	
90	0.000825	4.77E-05	1.16E-07
4.29E-05	0.000688	3.40E-06	
91	0.000826	4.05E-05	0.002443
0.000122	0.000752	4.41E-06	
92	0.000826	3.71E-05	0.005361
0.000265	0.000749	4.04E-06	
93	0.000827	3.66E-05	0.007566
0.000399	0.000640	3.08E-06	
94	0.000827	4.31E-05	0.009043
0.000500	0.000441	2.37E-06	
95	0.000827	4.82E-05	0.009805
0.000549	0.000263	1.86E-06	
96	0.000827	4.82E-05	0.010043
0.000539	0.000180	1.70E-06	
97	0.000826	4.42E-05	0.009462
0.000472	0.000244	1.95E-06	
98	0.000826	3.89E-05	0.008024
0.000360	0.000379	2.79E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
317

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000825	3.75E-05	0.005759
0.000525	0.000536	4.49E-06	
100	0.000823	4.34E-05	0.002655
0.000131	0.000704	5.79E-06	
101	0.000822	4.90E-05	5.97E-08
7.77E-05	0.000817	5.25E-06	
102	0.000822	5.37E-05	0.002016
0.000158	0.000901	6.55E-06	
103	0.000821	7.04E-05	0.004245
0.000319	0.000918	6.63E-06	
104	0.000820	9.40E-05	0.005716
0.000470	0.000813	5.99E-06	
105	0.000819	0.000120	0.006493
0.000586	0.000603	5.18E-06	
106	0.000818	0.000142	0.006629
0.000649	0.000348	4.32E-06	
107	0.000818	0.000160	0.006213
0.000652	0.000204	3.47E-06	
108	0.000818	0.000173	0.005343
0.000594	0.000213	2.82E-06	
109	0.000818	0.000179	0.004118
0.000475	0.000372	2.24E-06	
110	0.000818	0.000178	0.002630
0.000296	0.000317	2.09E-06	
111	0.000818	0.000167	0.000963
9.18E-05	0.000344	4.53E-06	
112	0.000818	0.000159	3.08E-08
5.66E-05	0.000349	5.38E-06	
113	0.000834	0.000122	5.74E-08
5.85E-05	0.001270	1.35E-05	
114	0.000835	0.000122	0.000953
0.000106	0.001242	1.33E-05	
115	0.000835	0.000146	0.002607
0.000239	0.001068	1.16E-05	
116	0.000835	0.000189	0.004083
0.000359	0.000799	8.46E-06	
117	0.000835	0.000214	0.005306
0.000442	0.000492	4.91E-06	
118	0.000835	0.000219	0.006183
0.000485	0.000207	3.21E-06	
119	0.000835	0.000202	0.006615
0.000492	5.11E-05	3.60E-06	
120	0.000834	0.000168	0.006503
0.000457	9.74E-05	5.43E-06	
121	0.000833	0.000123	0.005749
0.000380	0.000224	7.09E-06	
122	0.000832	8.94E-05	0.004286
0.000273	0.000373	7.91E-06	
123	0.000831	6.84E-05	0.002040
0.000155	0.000534	7.10E-06	
124	0.000831	6.11E-05	9.15E-08
9.13E-05	0.000643	7.18E-06	
125	0.000830	7.09E-05	0.002675
0.000100	0.000728	8.41E-06	
126	0.000830	0.000107	0.005793
0.000187	0.000760	9.01E-06	
127	0.000830	0.000146	0.008048
0.000272	0.000672	7.95E-06	
128	0.000830	0.000176	0.009463
0.000344	0.000481	6.29E-06	
129	0.000831	0.000189	0.010026
0.000393	0.000305	4.63E-06	
130	0.000831	0.000184	0.009783
0.000403	0.000219	4.64E-06	
131	0.000832	0.000159	0.009049
0.000374	0.000273	6.29E-06	
132	0.000834	0.000120	0.007592
0.000306	0.000398	7.76E-06	
133	0.000835	7.48E-05	0.005396
0.000211	0.000521	8.73E-06	
134	0.000835	4.96E-05	0.002463
0.000107	0.000667	9.38E-06	
135	0.000836	3.82E-05	1.38E-07
6.91E-05	0.000759	9.48E-06	
136	0.000836	4.85E-05	0.002258
8.84E-05	0.000826	1.03E-05	
137	0.000837	9.14E-05	0.004911
0.000185	0.000820	1.06E-05	
138	0.000837	0.000138	0.006855
0.000284	0.000705	9.40E-06	
139	0.000837	0.000175	0.008103
0.000359	0.000488	7.15E-06	
140	0.000837	0.000196	0.008634
0.000399	0.000300	4.92E-06	
141	0.000837	0.000196	0.008632
0.000399	0.000192	4.31E-06	
142	0.000837	0.000176	0.008100
0.000359	0.000228	5.89E-06	
143	0.000837	0.000141	0.006852
0.000283	0.000341	7.51E-06	

162	0.000831	0.000247	0.006612
0.000493	0.000344	5.92E-06	
163	0.000830	0.000259	0.006179
0.000485	0.000187	4.47E-06	
164	0.000830	0.000249	0.005303
0.000442	0.000215	7.45E-06	
165	0.000830	0.000218	0.004081
0.000360	0.000274	1.04E-05	
166	0.000830	0.000173	0.002606
0.000240	0.000318	1.24E-05	
167	0.000830	0.000139	0.000953
0.000110	0.000343	1.32E-05	
168	0.000830	0.000134	6.06E-08
6.39E-05	0.000347	1.33E-05	
169	0.000845	0.000186	0.000100
6.66E-05	0.001326	0.000164	
170	0.000845	0.000196	0.000996
7.79E-05	0.001330	0.000133	
171	0.000842	0.000214	0.002703
0.000311	0.001176	0.000139	
172	0.000844	0.000227	0.004227
0.000467	0.000905	0.000113	
173	0.000844	0.000229	0.005486
0.000566	0.000595	8.50E-05	
174	0.000844	0.000217	0.006385
0.000616	0.000335	6.21E-05	
175	0.000844	0.000190	0.006824
0.000616	0.000236	5.15E-05	
176	0.000843	0.000152	0.006700
0.000563	0.000277	5.34E-05	
177	0.000843	0.000111	0.005918
0.000457	0.000364	6.09E-05	
178	0.000842	7.05E-05	0.004412
0.000309	0.000499	7.27E-05	
179	0.000841	5.54E-05	0.002105
0.000139	0.000602	7.79E-05	
180	0.000840	6.83E-05	8.22E-05
9.16E-05	0.000709	8.01E-05	
181	0.000840	8.82E-05	0.002773
0.000160	0.000845	9.44E-05	
182	0.000839	0.000118	0.005976
0.000266	0.000890	0.000104	
183	0.000838	0.000145	0.008294
0.000370	0.000801	9.57E-05	
184	0.000838	0.000164	0.009753
0.000465	0.000809	8.02E-05	
185	0.000838	0.000170	0.010336
0.000525	0.000454	6.80E-05	
186	0.000838	0.000163	0.010085
0.000534	0.000393	6.32E-05	
187	0.000839	0.000142	0.009321
0.000491	0.000417	6.81E-05	
188	0.000840	0.000110	0.007817
0.000393	0.000528	7.61E-05	
189	0.000841	7.24E-05	0.005557
0.000259	0.000645	8.50E-05	
190	0.000842	4.45E-05	0.002543
0.000118	0.000738	8.91E-05	
191	0.000843	4.75E-05	5.95E-05
6.21E-05	0.000829	9.13E-05	
192	0.000844	6.60E-05	0.002331
0.000122	0.000944	0.000108	
193	0.000844	0.000105	0.005053
0.000250	0.000965	0.000117	
194	0.000845	0.000140	0.007049
0.000376	0.000866	0.000107	
195	0.000846	0.000169	0.008335
0.000479	0.000645	8.93E-05	
196	0.000846	0.000183	0.008885
0.000530	0.000466	7.26E-05	
197	0.000847	0.000182	0.008883
0.000530	0.000380	6.38E-05	
198	0.000847	0.000165	0.008332
0.000478	0.000377	6.26E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
319

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000848	0.000136	0.007046
0.000374	0.000469	6.87E-05	
200	0.000848	0.000101	0.005049
0.000248	0.000586	7.93E-05	
201	0.000849	6.40E-05	0.002329
0.000120	0.000676	8.43E-05	
202	0.000849	4.75E-05	6.02E-05
6.20E-05	0.000767	8.38E-05	
203	0.000850	4.29E-05	0.002542
0.000117	0.000888	9.44E-05	
204	0.000850	6.60E-05	0.005554
0.000257	0.001100	0.000119	
205	0.000851	9.51E-05	0.007814
0.000391	0.000823	9.31E-05	
206	0.000852	0.000120	0.009318
0.000489	0.000626	8.14E-05	
207	0.000852	0.000135	0.010084
0.000532	0.000465	6.84E-05	
208	0.000852	0.000135	0.010334
0.000523	0.000378	6.33E-05	
209	0.000850	0.000123	0.009752
0.000464	0.000380	7.07E-05	
210	0.000849	0.000101	0.008292
0.000369	0.000503	7.94E-05	
211	0.000847	7.53E-05	0.005973
0.000266	0.000660	9.26E-05	
212	0.000845	5.08E-05	0.002768
0.000160	0.000783	9.73E-05	
213	0.000844	5.32E-05	6.17E-05
9.17E-05	0.000897	9.92E-05	
214	0.000843	7.14E-05	0.002107
0.000139	0.001035	0.000117	
215	0.000841	0.000114	0.004414
0.000308	0.001089	0.000129	
216	0.000840	0.000164	0.005920
0.000457	0.001001	0.000121	
217	0.000839	0.000211	0.006703
0.000564	0.000798	0.000103	
218	0.000838	0.000248	0.006826
0.000617	0.000556	8.15E-05	
219	0.000838	0.000270	0.006386
0.000617	0.000426	6.63E-05	
220	0.000838	0.000276	0.005485
0.000568	0.000372	6.18E-05	
221	0.000839	0.000266	0.004223
0.000469	0.000398	6.24E-05	
222	0.000839	0.000244	0.002693
0.000312	0.000430	6.41E-05	
223	0.000840	0.000215	0.000976
7.77E-05	0.000400	5.45E-05	
224	0.000841	0.000198	0.000100
6.37E-05	0.000365	6.63E-05	
225	0.000843	0.000137	0.000112
8.08E-05	0.001286	0.000162	
226	0.000826	0.000120	0.000948
7.79E-05	0.001297	0.000132	
227	0.000827	0.000116	0.002604
0.000322	0.001160	0.000139	
228	0.000827	0.000129	0.004082
0.000501	0.000924	0.000112	
229	0.000827	0.000136	0.005303
0.000616	0.000642	8.36E-05	
230	0.000827	0.000130	0.006175
0.000672	0.000407	6.05E-05	
231	0.000827	0.000117	0.006601
0.000668	0.000258	4.99E-05	
232	0.000826	9.24E-05	0.006481
0.000604	0.000244	5.19E-05	
233	0.000826	6.82E-05	0.005723
0.000485	0.000331	5.97E-05	
234	0.000825	6.55E-05	0.004264
0.000324	0.000474	7.07E-05	
235	0.000824	6.37E-05	0.002029
0.000152	0.000584	7.57E-05	
236	0.000823	6.00E-05	8.07E-05
0.000105	0.000690	7.80E-05	
237	0.000823	6.74E-05	0.002661
0.000162	0.000819	9.39E-05	
238	0.000822	8.25E-05	0.005766
0.000261	0.000868	0.000104	
239	0.000822	0.000104	0.008014
0.000363	0.000794	9.50E-05	
240	0.000822	0.000119	0.009431
0.000480	0.000618	7.90E-05	
241	0.000822	0.000123	0.009998
0.000548	0.000462	6.51E-05	
242	0.000822	0.000115	0.009757
0.000559	0.000378	6.29E-05	
243	0.000823	9.69E-05	0.009018
0.000511	0.000391	6.83E-05	
244	0.000824	6.94E-05	0.007561
0.000405	0.000509	7.67E-05	
245	0.000825	4.32E-05	0.005370
0.000259	0.000624	8.72E-05	
246	0.000825	4.32E-05	0.002449
0.000125	0.000718	8.99E-05	
247	0.000826	4.16E-05	7.20E-05
7.46E-05	0.000806	8.89E-05	
248	0.000826	4.29E-05	0.002245
0.000129	0.000917	0.000102	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
320

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000826	6.67E-05	0.004883
0.000250	0.000933	0.000110	
250	0.000827	9.81E-05	0.006820
0.000378	0.000823	9.89E-05	
251	0.000827	0.000122	0.008067
0.000489	0.000620	8.14E-05	
252	0.000827	0.000135	0.008600
0.000546	0.000445	6.70E-05	
253	0.000827	0.000134	0.008600
0.000546	0.000359	6.32E-05	
254	0.000827	0.000121	0.008065
0.000488	0.000358	6.15E-05	
255	0.000827	9.73E-05	0.006817
0.000376	0.000454	6.73E-05	
256	0.000827	9.66E-05	0.004881
0.000247	0.000571	7.73E-05	
257	0.000828	4.33E-05	0.002244
0.000127	0.000659	8.02E-05	
258	0.000828	3.79E-05	7.23E-05
7.46E-05	0.000746	8.26E-05	
259	0.000825	4.03E-05	0.002449
0.000123	0.000856	9.88E-05	
260	0.000829	4.16E-05	0.005369
0.000257	0.000874	0.000108	
261	0.000829	5.39E-05	0.007559
0.000403	0.000770	9.91E-05	
262	0.000830	7.58E-05	0.009017
0.000509	0.000570	8.37E-05	
263	0.000830	8.72E-05	0.009757
0.000557	0.000410	7.04E-05	
264	0.000830	8.65E-05	0.009999
0.000547	0.000349	6.02E-05	
265	0.000829	7.41E-05	0.009432
0.000479	0.000373	6.55E-05	
266	0.000828	6.45E-05	0.008016
0.000363	0.000493	7.72E-05	
267	0.000827	3.91E-05	0.005768
0.000261	0.000646	8.80E-05	
268	0.000826	3.71E-05	0.002664
0.000162	0.000765	9.21E-05	
269	0.000825	4.29E-05	7.68E-05
0.000105	0.000872	9.35E-05	
270	0.000824	5.34E-05	0.002027
0.000151	0.000999	0.000109	
271	0.000823	7.71E-05	0.004262
0.000324	0.001033	0.000122	
272	0.000822	0.000113	0.005721
0.000485	0.000927	0.000114	0.006479
273	0.000814	0.000147	
0.000604	0.000710	9.81E-05	
274	0.000820	0.000172	0.006599
0.000668	0.000463	7.80E-05	
275	0.000820	0.000184	0.006173
0.000672	0.000348	6.37E-05	
276	0.000820	0.000182	0.005302
0.000616	0.000354	6.12E-05	
277	0.000820	0.000166	0.004084
0.000501	0.000384	6.29E-05	
278	0.000820	0.000145	0.002609
0.000322	0.000416	6.53E-05	
279	0.000820	0.000137	0.000958
7.84E-05	0.000387	5.55E-05	
280	0.000820	0.000147	0.000113
8.42E-05	0.000352	6.68E-05	
281	0.001164	2.93E-05	.000000
9.76E-05	0.001350	1.01E-05	
282	0.001286	4.03E-05	.000000
0.000103	0.000676	8.86E-06	
283	0.001552	.000000	.000000
7.41E-05	0.000794	1.12E-05	
284	.000000	.000000	.000000
5.38E-05	0.000732	9.50E-06	
285	0.001642	8.54E-05	.000000
3.90E-05	0.000871	1.24E-05	
286	0.001566	3.11E-05	.000000
8.59E-05	0.000366	1.19E-05	
287	0.001114	0.000108	.000000
0.000118	0.001228	7.62E-06	
288	0.001188	2.66E-05	.000000
8.25E-05	0.000632	2.64E-06	
289	0.001516	.000000	.000000
4.20E-05	0.000749	5.04E-06	
290	.000000	.000000	.000000
2.49E-05	0.000689	3.40E-06	
291	0.001554	8.09E-05	.000000
2.05E-05	0.000819	5.25E-06	
292	0.001404	0.000109	.000000
5.14E-05	0.000352	5.38E-06	
293	0.001130	9.38E-05	.000000
0.000197	0.001258	1.35E-05	
294	0.001213	5.82E-05	.000000
0.000116	0.000635	7.18E-06	
295	0.001532	6.14E-05	.000000
0.000167	0.000737	9.48E-06	
296	3.92E-06	9.46E-05	.000000
5.85E-05	0.000700	8.21E-06	
297	0.001499	0.000441	.000000
3.99E-05	0.000816	9.62E-06	
298	0.001440	0.000357	.000000
9.37E-05	0.000357	1.33E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
321

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB CAR ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000929	-9.36E-05	-4.16E-07
-0.000241	-0.000364	-1.17E-05	
2	-0.000929	-9.35E-05	-0.003748
-0.000320	-0.000359	-1.14E-05	
3	-0.000930	-0.000113	-0.009957
-0.000470	-0.000331	-9.83E-06	
4	-0.000931	-0.000154	-0.014862
-0.000574	-0.000283	-8.24E-06	
5	-0.000933	-0.000183	-0.018140
-0.000622	-0.000226	-6.04E-06	
6	-0.000933	-0.000198	-0.019562
-0.000621	-0.000236	-6.39E-06	
7	-0.000933	-0.000198	-0.019032
-0.000571	-0.000398	-1.07E-05	
8	-0.000931	-0.000183	-0.016689
-0.000482	-0.000674	-1.32E-05	
9	-0.000929	-0.000156	-0.012879
-0.000359	-0.000898	-1.61E-05	
10	-0.000927	-0.000128	-0.008170
-0.000218	-0.001003	-1.75E-05	
11	-0.000925	-0.000123	-0.003221
-9.65E-05	-0.000970	-1.59E-05	
12	-0.000924	-0.000130	-9.36E-07
-7.74E-05	-0.000868	-1.17E-05	
13	-0.000923	-0.000129	-0.002556
-0.000146	-0.000748	-1.06E-05	
14	-0.000922	-0.000145	-0.006554
-0.000273	-0.000564	-8.86E-06	
15	-0.000923	-0.000172	-0.010366
-0.000386	-0.000393	-7.83E-06	
16	-0.000923	-0.000187	-0.013385
-0.000465	-0.000251	-5.96E-06	
17	-0.000923	-0.000196	-0.015068
-0.000499	-0.000200	-4.16E-06	
18	-0.000924	-0.000189	-0.015140
-0.000487	-0.000228	-5.38E-06	
19	-0.000926	-0.000169	-0.013585
-0.000433	-0.000492	-8.72E-06	
20	-0.000927	-0.000138	-0.010645
-0.000339	-0.000708	-1.19E-05	
21	-0.000929	-0.000109	-0.006828
-0.000218	-0.000821	-1.37E-05	
22	-0.000930	-8.83E-05	-0.002714
-9.16E-05	-0.000813	-1.31E-05	
23	-0.000932	-8.89E-05	-9.02E-07
-6.00E-05	-0.000733	-1.05E-05	
24	-0.000934	-9.39E-05	-0.002917
-0.000120	-0.000635	-1.01E-05	
25	-0.000935	-0.000112	-0.007315
-0.000249	-0.000486	-8.06E-06	
26	-0.000937	-0.000138	-0.011390
-0.000368	-0.000355	-7.03E-06	
27	-0.000939	-0.000161	-0.014548
-0.000455	-0.000236	-5.37E-06	
28	-0.000941	-0.000173	-0.016256
-0.000499	-0.000803	-4.12E-06	
29	-0.000942	-0.000171	-0.016255
-0.000499	-0.000319	-5.39E-06	
30	-0.000944	-0.000159	-0.014543
-0.000455	-0.000517	-7.88E-06	
31	-0.000946	-0.000137	-0.011383
-0.000367	-0.000747	-1.10E-05	
32	-0.000948	-0.000111	-0.007307
-0.000249	-0.000869	-1.30E-05	
33	-0.000950	-9.34E-05	-0.002912
-0.000120	-0.000867	-1.26E-05	
34	-0.000951	-8.92E-05	-9.02E-07
-6.10E-05	-0.000793	-1.03E-05	
35	-0.000952	-8.83E-05	-0.002708
-9.06E-05	-0.000697	-1.06E-05	
36	-0.000952	-0.000104	-0.006818
-0.000215	-0.000545	-8.94E-06	
37	-0.000953	-0.000129	-0.010633
-0.000336	-0.000418	-7.07E-06	
38	-0.000953	-0.000157	-0.013574
-0.000431	-0.000288	-5.35E-06	
39	-0.000954	-0.000181	-0.015131
-0.000485	-0.000228	-4.37E-06	
40	-0.000953	-0.000171	-0.015061
-0.000497	-0.000313	-5.30E-06	
41	-0.000952	-0.000157	-0.013381
-0.000464	-0.000487	-7.53E-06	
42	-0.000951	-0.000134	-0.010365
-0.000385	-0.000694	-1.05E-05	
43	-0.000950	-0.000113	-0.006554
-0.000273	-0.000795	-1.22E-05	
44	-0.000948	-0.000105	-0.002556
-0.000146	-0.000770	-1.17E-05	
45	-0.000946	-0.000106	-9.33E-07
-7.17E-05	-0.000676	-1.05E-05	
46	-0.000944	-0.000111	-0.003222
-9.06E-05	-0.000561	-9.61E-06	
47	-0.000941	-0.000126	-0.008172
-0.000211	-0.000394	-8.46E-06	
48	-0.000939	-0.000153	-0.012883
-0.000357	-0.000236	-7.56E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
322

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000936	-0.000179	-0.016694
-0.000482	-9.45E-05	-6.44E-06	
50	-0.000934	-0.000196	-0.019039
-0.000572	-1.70E-05	-4.82E-06	
51	-0.000934	-0.000202	-0.019570
-0.000623	-0.000185	-3.01E-06	
52	-0.000934	-0.000194	-0.018149
-0.000626	-0.000381	-4.65E-06	
53	-0.000935	-0.000173	-0.014869
-0.000578	-0.000603	-7.61E-06	
54	-0.000938	-0.000143	-0.009964
-0.000476	-0.001098	-9.80E-06	
55	-0.000940	-0.000119	-0.003751
-0.000327	-0.001307	-1.05E-05	
56	-0.000941	-0.000112	-4.18E-07
-0.000249	-0.001348	-1.09E-05	
57	-0.000910	-6.62E-05	-4.33E-07
-0.000190	-0.000348	-6.05E-06	
58	-0.000912	-5.74E-05	-0.003379
-0.000278	-0.000343	-5.20E-06	
59	-0.000913	-4.54E-05	-0.008985
-0.000496	-0.000316	-2.81E-06	
60	-0.000912	-3.88E-05	-0.013441
-0.000660	-0.000272	-3.53E-06	
61	-0.000911	-3.48E-05	-0.016453
-0.000751	-0.000213	-4.39E-06	
62	-0.000909	-3.25E-05	-0.017791
-0.000769	-0.000204	-5.15E-06	
63	-0.000907	-3.38E-05	-0.017357
-0.000718	-0.000347	-5.75E-06	
64	-0.000905	-3.81E-05	-0.015264
-0.000605	-0.000603	-6.18E-06	
65	-0.000903	-4.64E-05	-0.011827
-0.000447	-0.000813	-6.34E-06	
66	-0.000901	-5.78E-05	-0.007548
-0.000263	-0.000918	-6.41E-06	
67	-0.000898	-7.50E-05	-0.003002
-9.38E-05	-0.000900	-5.94E-06	
68	-0.000897	-9.19E-05	-9.54E-07
-6.04E-05	-0.000817	-4.46E-06	
69	-0.000703	-0.000111	-0.002358
-0.000151	-0.000704	-5.27E-06	
70	-0.000895	-0.000111	-0.006002
-0.000310	-0.000536	-3.57E-06	
71	-0.000895	-0.000115	-0.009448
-0.000460	-0.000379	-1.55E-06	
72	-0.000894	-0.000113	-0.012169
-0.000571	-0.000244	-1.40E-06	
73	-0.000894	-0.000105	-0.013690
-0.000627	-0.000180	-2.08E-06	
74	-0.000895	-9.24E-05	-0.013762
-0.000618	-0.000263	-2.82E-06	
75	-0.000895	-7.69E-05	-0.012370
-0.000546	-0.000441	-3.75E-06	
76	-0.000894	-6.05E-05	-0.009724
-0.000423	-0.000640	-4.59E-06	
77	-0.000896	-4.67E-05	-0.006273
-0.000267	-0.000749	-5.30E-06	
78	-0.000897	-4.49E-05	-0.002514
-0.000106	-0.000752	-5.34E-06	
79	-0.000897	-5.05E-05	-9.36E-07
-4.09E-05	-0.000688	-4.79E-06	
80	-0.000898	-5.36E-05	-0.002726
-0.000134	-0.000597	-5.07E-06	
81	-0.000898	-6.21E-05	-0.006781
-0.000296	-0.000461	-3.92E-06	
82	-0.000898	-7.18E-05	-0.010503
-0.000449	-0.000340	-2.53E-06	
83	-0.000898	-7.75E-05	-0.013377
-0.000567	-0.000227	-1.72E-06	
84	-0.000898	-7.87E-05	-0.014929
-0.000630	-0.000189	-1.83E-06	
85	-0.000898	-7.74E-05	-0.014929
-0.000630	-0.000283	-2.28E-06	
86	-0.000898	-7.52E-05	-0.013376
-0.000566	-0.000471	-2.93E-06	
87	-0.000898	-6.91E-05	-0.010503
-0.000447	-0.000684	-3.81E-06	
88	-0.000898	-6.07E-05	-0.006781
-0.000294	-0.000802	-4.84E-06	
89	-0.000899	-5.27E-05	-0.002726
-0.000132	-0.000811	-5.22E-06	
90	-0.000899	-5.15E-05	-9.36E-07
-3.98E-05	-0.000749	-4.17E-06	
91	-0.000899	-4.60E-05	-0.002513
-0.000107	-0.000659	-5.38E-06	
92	-0.000899	-4.35E-05	-0.006273
-0.000266	-0.000519	-4.41E-06	
93	-0.000899	-4.61E-05	-0.009724
-0.000421	-0.000401	-2.99E-06	
94	-0.000899	-5.34E-05	-0.012369
-0.000544	-0.000277	-2.30E-06	
95	-0.000899	-5.83E-05	-0.013763
-0.000616	-0.000215	-2.02E-06	
96	-0.000899	-6.07E-05	-0.013691
-0.000625	-0.000287	-2.11E-06	
97	-0.000899	-6.29E-05	-0.012170
-0.000570	-0.000456	-2.41E-06	
98	-0.000898	-5.92E-05	-0.009448
-0.000459	-0.000641	-3.11E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
323

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000897	-5.81E-05	-0.006002
-0.000310	-0.000731	-4.10E-06	
100	-0.000895	-5.82E-05	-0.002359
-0.000150	-0.000712	-4.43E-06	
101	-0.000894	-6.14E-05	-9.61E-07
-5.65E-05	-0.000633	-3.47E-06	
102	-0.000893	-6.12E-05	-0.003002
-9.41E-05	-0.000528	-4.67E-06	
103	-0.000890	-6.57E-05	-0.007549
-0.000264	-0.000375	-3.75E-06	
104	-0.000888	-7.29E-05	-0.011829
-0.000448	-0.000230	-2.36E-06	
105	-0.000886	-7.97E-05	-0.015265
-0.000606	-9.63E-05	-1.70E-06	
106	-0.000884	-8.44E-05	-0.017357
-0.000718	-3.29E-05	-1.29E-06	
107	-0.000883	-8.71E-05	-0.017791
-0.000769	-0.000201	-9.77E-07	
108	-0.000882	-8.80E-05	-0.016452
-0.000750	-0.000472	-1.22E-06	
109	-0.000882	-8.75E-05	-0.013439
-0.000659	-0.000767	-1.91E-06	
110	-0.000882	-8.68E-05	-0.008982
-0.000493	-0.001024	-3.29E-06	
111	-0.000883	-9.15E-05	-0.003377
-0.000271	-0.001194	-6.92E-06	
112	-0.000884	-9.75E-05	-4.29E-07
-0.000180	-0.001227	-8.14E-06	
113	-0.000917	-7.21E-05	-3.88E-07
-0.000259	-0.000348	-1.48E-05	
114	-0.000917	-6.77E-05	-0.003458
-0.000308	-0.000344	-1.48E-05	
115	-0.000918	-6.18E-05	-0.009191
-0.000461	-0.000319	-1.40E-05	
116	-0.000918	-8.49E-05	-0.013723
-0.000569	-0.000275	-1.20E-05	
117	-0.000912	-0.000121	-0.016758
-0.000623	-0.000215	-9.03E-06	
118	-0.000916	-0.000154	-0.018074
-0.000624	-0.000187	-6.05E-06	
119	-0.000914	-0.000167	-0.017593
-0.000578	-0.000344	-6.73E-06	
120	-0.000912	-0.000160	-0.015448
-0.000488	-0.000594	-9.31E-06	
121	-0.000909	-0.000143	-0.011952
-0.000368	-0.000814	-1.14E-05	
122	-0.000907	-0.000122	-0.007613
-0.000238	-0.000925	-1.18E-05	
123	-0.000905	-0.000103	-0.003023
-0.000134	-0.000910	-1.06E-05	
124	-0.000904	-9.66E-05	-8.99E-07
-0.000114	-0.000829	-8.92E-06	
125	-0.000903	-0.000107	-0.002379
-0.000163	-0.000717	-8.45E-06	
126	-0.000902	-0.000129	-0.006081
-0.000269	-0.000544	-8.75E-06	
127	-0.000902	-0.000145	-0.009619
-0.000382	-0.000381	-8.00E-06	
128	-0.000902	-0.000163	-0.012420
-0.000462	-0.000245	-6.67E-06	
129	-0.000903	-0.000175	-0.013983
-0.000499	-0.000181	-4.37E-06	
130	-0.000904	-0.000173	-0.014050
-0.000489	-0.000271	-4.76E-06	
131	-0.000905	-0.000158	-0.012606
-0.000435	-0.000445	-7.40E-06	
132	-0.000906	-0.000132	-0.009877
-0.000342	-0.000653	-9.83E-06	
133	-0.000907	-9.86E-05	-0.006335
-0.000235	-0.000765	-1.08E-05	
134	-0.000908	-6.44E-05	-0.002536
-0.000134	-0.000763	-1.00E-05	
135	-0.000909	-5.07E-05	-8.66E-07
-0.000103	-0.000699	-8.59E-06	
136	-0.000909	-5.88E-05	-0.002741
-0.000147	-0.000608	-8.32E-06	
137	-0.000910	-8.61E-05	-0.006830
-0.000253	-0.000467	-8.76E-06	
138	-0.000910	-0.000118	-0.010597
-0.000368	-0.000341	-7.81E-06	
139	-0.000910	-0.000143	-0.013512
-0.000455	-0.000227	-6.17E-06	
140	-0.000910	-0.000157	-0.015089
-0.000501	-0.000192	-4.47E-06	
141	-0.000910	-0.000157	-0.015089
-0.000500	-0.000300	-4.90E-06	
142	-0.000909	-0.000146	-0.013511
-0.000454	-0.000489	-7.12E-06	
143	-0.000909	-0.000122	-0.010595
-0.000367	-0.000705	-9.17E-06	
144	-0.000909	-9.04E-05	-0.006827
-0.000253	-0.000820	-1.00E-05	
145	-0.000910	-6.41E-05

163	-0.000894	-0.000156	-0.018075
-0.000625	-0.000206	-2.57E-06	
164	-0.000893	-0.000137	-0.016758
-0.000624	-0.000492	-5.14E-06	
165	-0.000893	-0.000110	-0.013724
-0.000571	-0.000799	-8.96E-06	
166	-0.000893	-9.80E-05	-0.009191
-0.000464	-0.001067	-1.22E-05	
167	-0.000894	-9.53E-05	-0.003458
-0.000312	-0.001242	-1.40E-05	
168	-0.000895	-9.48E-05	-3.89E-07
-0.000263	-0.001270	-1.40E-05	
169	-0.000925	-5.65E-05	-0.000140
-0.000234	-0.000361	-7.18E-05	
170	-0.000925	-5.99E-05	-0.003534
-0.000265	-0.000397	-5.82E-05	
171	-0.000925	-7.60E-05	-0.009418
-0.000548	-0.000429	-6.93E-05	
172	-0.000924	-9.69E-05	-0.014095
-0.000716	-0.000397	-6.67E-05	
173	-0.000923	-0.000112	-0.017260
-0.000802	-0.000371	-6.50E-05	
174	-0.000922	-0.000120	-0.018652
-0.000810	-0.000426	-6.72E-05	
175	-0.000920	-0.000122	-0.018182
-0.000750	-0.000556	-7.93E-05	
176	-0.000918	-0.000117	-0.015966
-0.000630	-0.000798	-0.000102	
177	-0.000916	-0.000106	-0.012350
-0.000461	-0.001001	-0.000120	
178	-0.000913	-9.09E-05	-0.007864
-0.000266	-0.001089	-0.000129	
179	-0.000911	-8.74E-05	-0.003113
-0.000129	-0.001035	-0.000116	
180	-0.000909	-9.41E-05	-9.78E-05
-8.45E-05	-0.000897	-9.68E-05	
181	-0.000908	-0.000106	-0.002458
-0.000147	-0.000783	-9.31E-05	
182	-0.000907	-0.000127	-0.006268
-0.000321	-0.000660	-8.72E-05	
183	-0.000907	-0.000142	-0.009881
-0.000484	-0.000503	-7.49E-05	
184	-0.000907	-0.000147	-0.012745
-0.000602	-0.000380	-6.42E-05	
185	-0.000908	-0.000147	-0.014348
-0.000656	-0.000379	-6.18E-05	
186	-0.000909	-0.000139	-0.014423
-0.000644	-0.000465	-6.94E-05	
187	-0.000910	-0.000122	-0.012950
-0.000569	-0.000626	-8.56E-05	
188	-0.000911	-9.77E-05	-0.010164
-0.000434	-0.000823	-0.000100	
189	-0.000912	-7.08E-05	-0.006545
-0.000263	-0.000920	-0.000108	
190	-0.000913	-5.03E-05	-0.002616
-0.000124	-0.000889	-0.000100	
191	-0.000914	-5.00E-05	-8.50E-05
-6.96E-05	-0.000767	-8.51E-05	
192	-0.000915	-6.06E-05	-0.002832
-0.000134	-0.000676	-8.42E-05	
193	-0.000916	-8.33E-05	-0.007061
-0.000293	-0.000586	-8.18E-05	
194	-0.000917	-0.000104	-0.010955
-0.000461	-0.000469	-7.31E-05	
195	-0.000918	-0.000119	-0.013971
-0.000586	-0.000377	-6.73E-05	
196	-0.000919	-0.000126	-0.015605
-0.000649	-0.000380	-6.28E-05	
197	-0.000919	-0.000124	-0.015604
-0.000648	-0.000466	-7.08E-05	
198	-0.000920	-0.000116	-0.013969
-0.000585	-0.000645	-8.55E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000921	-0.000100	-0.010952
-0.000459	-0.000857	-9.73E-05	
200	-0.000922	-8.05E-05	-0.007058
-0.000291	-0.000965	-0.000105	
201	-0.000923	-5.91E-05	-0.002830
-0.000132	-0.000944	-9.93E-05	
202	-0.000923	-5.01E-05	-8.54E-05
-6.96E-05	-0.000828	-8.86E-05	
203	-0.000924	-5.10E-05	-0.002615
-0.000122	-0.000737	-8.94E-05	
204	-0.000925	-6.95E-05	-0.006543
-0.000261	-0.000645	-8.45E-05	
205	-0.000925	-9.04E-05	-0.010161
-0.000432	-0.000528	-7.62E-05	
206	-0.000926	-0.000106	-0.012948
-0.000567	-0.000417	-6.53E-05	
207	-0.000926	-0.000116	-0.014421
-0.000642	-0.000393	-6.53E-05	
208	-0.000926	-0.000117	-0.014347
-0.000655	-0.000454	-7.19E-05	
209	-0.000926	-0.000109	-0.012744
-0.000602	-0.000609	-8.81E-05	
210	-0.000924	-9.60E-05	-0.009881
-0.000484	-0.000801	-0.000105	
211	-0.000923	-8.12E-05	-0.006268
-0.000321	-0.000890	-0.000113	
212	-0.000921	-7.00E-05	-0.002457
-0.000148	-0.000845	-0.000102	
213	-0.000920	-6.71E-05	-8.73E-05
-8.45E-05	-0.000709	-8.45E-05	
214	-0.000918	-7.29E-05	-0.003118
-0.000130	-0.000602	-8.06E-05	
215	-0.000915	-9.09E-05	-0.007868
-0.000266	-0.000499	-7.41E-05	
216	-0.000912	-0.000112	-0.012353
-0.000462	-0.000364	-6.28E-05	
217	-0.000910	-0.000129	-0.015968
-0.000631	-0.000277	-5.66E-05	
218	-0.000908	-0.000139	-0.018184
-0.000751	-0.000236	-5.40E-05	
219	-0.000906	-0.000143	-0.018652
-0.000812	-0.000335	-6.01E-05	
220	-0.000906	-0.000140	-0.017258
-0.000804	-0.000595	-8.03E-05	
221	-0.000906	-0.000129	-0.014091
-0.000718	-0.000905	-0.000107	
222	-0.000907	-0.000111	-0.009409
-0.000550	-0.001177	-0.000133	
223	-0.000908	-9.16E-05	-0.003521
-0.000265	-0.001332	-0.000126	
224	-0.000909	-8.46E-05	-0.000142
-0.000233	-0.001328	-0.000156	
225	-0.000902	-6.23E-05	-0.000186
-0.000229	-0.000354	-7.02E-05	
226	-0.000895	-5.54E-05	-0.003408
-0.000237	-0.000388	-5.83E-05	
227	-0.000904	-4.83E-05	-0.009081
-0.000522	-0.000417	-6.88E-05	
228	-0.000904	-4.56E-05	-0.013597
-0.000672	-0.000384	-6.59E-05	
229	-0.000904	-4.95E-05	-0.016655
-0.000742	-0.000354	-6.27E-05	
230	-0.000903	-6.66E-05	-0.018004
-0.000744	-0.000348	-6.38E-05	
231	-0.000902	-7.68E-05	-0.017558
-0.000689	-0.000462	-7.54E-05	
232	-0.000900	-7.93E-05	-0.015425
-0.000581	-0.000709	-9.63E-05	
233	-0.000898	-7.70E-05	-0.011938
-0.000427	-0.000927	-0.000116	
234	-0.000896	-7.62E-05	-0.007613
-0.000251	-0.001033	-0.000127	
235	-0.000894	-8.16E-05	-0.003029
-0.000123	-0.000999	-0.000115	
236	-0.000893	-8.75E-05	-0.000154
-7.64E-05	-0.000872	-9.57E-05	
237	-0.000892	-0.000100	-0.002387
-0.000137	-0.000765	-9.31E-05	
238	-0.000891	-0.000117	-0.006071
-0.000305	-0.000647	-8.74E-05	
239	-0.000891	-0.000125	-0.009565
-0.000459	-0.000493	-7.40E-05	
240	-0.000891	-0.000125	-0.012336
-0.000564	-0.000373	-6.28E-05	
241	-0.000892	-0.000123	-0.013886
-0.000611	-0.000349	-5.89E-05	
242	-0.000892	-0.000118	-0.013959
-0.000600	-0.000410	-6.78E-05	
243	-0.000893	-0.000105	-0.012535
-0.000534	-0.000570	-8.39E-05	
244	-0.000894	-8.52E-05	-0.009842
-0.000414	-0.000770	-9.75E-05	
245	-0.000895	-6.08E-05	-0.006343
-0.000256	-0.000875	-0.000104	
246	-0.000896	-4.23E-05	-0.002543
-0.000118	-0.000856	-9.54E-05	
247	-0.000597	-4.23E-05	-0.000134
-6.27E-05	-0.000746	-8.18E-05	
248	-0.000897	-5.36E-05	-0.002753
-0.000121	-0.000659	-8.18E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000898	-7.23E-05	-0.006842
-0.000287	-0.000571	-8.02E-05	
250	-0.000898	-8.44E-05	-0.010606
-0.000444	-0.000454	-7.18E-05	
251	-0.000898	-9.46E-05	-0.013523
-0.000557	-0.000357	-6.22E-05	
252	-0.000898	-0.000102	-0.015104
-0.000613	-0.000359	-5.98E-05	
253	-0.000898	-0.000102	-0.015103
-0.000613	-0.000359	-5.98E-05	
254	-0.000899	-9.53E-05	-0.013522
-0.000556	-0.000620	-8.76E-05	
255	-0.000899	-8.36E-05	-0.010605
-0.000442	-0.000823	-0.000104	
256	-0.000899	-7.22E-05	-0.006840
-0.000285	-0.000933	-0.000113	
257	-0.000900	-5.66E-05	-0.002752
-0.000119	-0.000917	-0.000104	
258	-0.000900	-4.57E-05	-0.000134
-6.25E-05	-0.000806	-8.74E-05	
259	-0.000901	-3.95E-05	-0.002543
-0.000116	-0.000718	-8.52E-05	
260	-0.000901	-5.45E-05	-0.006341
-0.000254	-0.000602	-8.26E-05	
261	-0.000902	-7.34E-05	-0.009839
-0.000412	-0.000509	-7.11E-05	
262	-0.000902	-8.97E-05	-0.012532
-0.000532	-0.000391	-6.49E-05	
263	-0.000902	-9.90E-05	-0.013956
-0.000599	-0.000378	-6.55E-05	
264	-0.000902	-9.94E-05	-0.013884
-0.000610	-0.000462	-6.81E-05	
265	-0.000902	-9.11E-05	-0.012334
-0.000564	-0.000618	-8.02E-05	
266	-0.000901	-7.70E-05	-0.009564
-0.000458	-0.000794	-9.53E-05	
267	-0.000900	-4.22E-05	-0.006071
-0.000305	-0.000868	-0.000103	
268	-0.000898	-5.69E-05	-0.002388
-0.000136	-0.000819	-9.40E-05	
269	-0.000897	-5.80E-05	-0.000137
-7.61E-05	-0.000689	-7.96E-05	
270	-0.000896	-6.40E-05	-0.003026
-0.000122	-0.000584	-7.85E-05	
271	-0.000894	-7.58E-05	-0.007611
-0.000251	-0.000474	-7.35E-05	
272	-0.000892	-8.73E-05	-0.011938
-0.000428	-0.000331	-6.25E-05	
273	-0.000889	-9.60E-05	-0.015425
-0.000582	-0.000244	-5.63E-05	
274	-0.000889	-9.85E-05	-0.017559
-0.000689	-0.000258	-5.36E-05	
275	-0.000886	-9.63E-05	-0.018006
-0.000745	-0.000407	-6.04E-05	
276	-0.000886	-9.42E-05	-0.016656
-0.000743	-0.000642	-8.16E-05	
277	-0.000886	-9.10E-05	-0.013599
-0.000672	-0.000924	-0.000108	
278	-0.000887	-8.77E-05	-0.009087
-0.000521	-0.001160	-0.000135	
279	-0.000888	-8.78E-05	-0.003416
-0.000238	-0.001296	-0.000128	
280	-0.000888	-8.98E-05	-0.000184
-0.000229	-0.001284	-0.000157	
281	-0.000263	-1.05E-05	.000000
-0.000231	-0.000362	-1.17E-05	
282	-0.001096	-3.44E-05	.000000
-6.29E-05	-0.000868	-1.17E-05	
283	-0.001855	.000000	.000000
-6.00E-05	-0.000733	-1.05E-05	
284	-0.000000	.000000	.000000
-4.77E-05	-0.000794	-1.03E-05	
285	-0.001854	-9.65E-06	.000000
-4.41E-05	-0.000680	-9.65E-06	
286	-0.000659	-1.31E-05	.000000
-0.000205	-0.001356	-1.09E-05	
287	-0.002092	-5.76E-05	.000000
-0.000150	-0.000343	-2.26E-06	
288	-0.001023	-3.09E-05	.000000
-6.70E-05	-0.000817	-4.46E-06	
289	-0.001771	.000000	.000000
-4.07E-05	-0.000688	-4.19E-06	
290	.000000	.000000	.000000
-2.04E-05	-0.000749	-4.17E-06	
291	-0.001749	-9.18E-05	.000000
-1.94E-05	-0.000634	-3.47E-06	
292	-0.000611	-4.75E-05	.000000
-4.43E-05	-0.001235	-8.14E-06	
293	-0.002116	-7.49E-05	.000000
-0.000212	-0.000335	-1.48E-05	
294	-0.001049	-0.000144	.000000
-0.000168	-0.000819	-0.000146	
295	-0.001782	-6.99E-05	.000000
-0.000189	-0.000677	-8.59E-06	
296	-2.46E-06	-0.000151	.000000
-8.03E-05	-0.000760	-8.90E-06	
297	-0.001674	-0.000541	.000000
-9.15E-05	-0.000641	-1.94E-06	
298	-0.000598	-0.000244	.000000
-4.05E-05	-0.001264	-1.43E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DESIGN ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000862	0.000253	5.33E-08
8.16E-05	0.001348	1.01E-05	
2	0.000862	0.000260	0.001011
0.000129	0.001307	9.42E-06	
3	0.000862	0.000288	0.002761
0.000254	0.001098	8.38E-06	
4	0.000863	0.000319	0.004323
0.000378	0.000803	6.37E-06	
5	0.000863	0.000336	0.005615
0.000462	0.000482	4.04E-06	
6	0.000864	0.000330	0.006541
0.000507	0.000186	3.06E-06	
7	0.000864	0.000300	0.006997
0.000509	1.76E-05	4.60E-06	
8	0.000864	0.000247	0.006878
0.000468	9.39E-05	6.04E-06	
9	0.000864	0.000177	0.006082
0.000386	0.000236	6.98E-06	
10	0.000863	0.000111	0.004536
0.000275	0.000393	8.49E-06	
11	0.000863	7.99E-05	0.002160
0.000161	0.000561	9.77E-06	
12	0.000862	8.76E-05	9.17E-08
0.000103	0.000676	8.86E-06	
13	0.000861	0.000114	0.002835
0.000120	0.000770	1.08E-05	
14	0.000860	0.000161	0.006132
0.000215	0.000795	1.12E-05	
15	0.000859	0.000208	0.008512
0.000308	0.000695	9.28E-06	
16	0.000859	0.000243	0.010005
0.000378	0.000488	6.86E-06	
17	0.000859	0.000259	0.010596
0.000424	0.000314	5.16E-06	
18	0.000859	0.000252	0.010337
0.000431	0.000228	4.94E-06	
19	0.000860	0.000222	0.009563
0.000396	0.000287	6.45E-06	
20	0.000861	0.000172	0.008025
0.000323	0.000418	8.04E-06	
21	0.000862	0.000112	0.005706
0.000227	0.000545	1.04E-05	
22	0.000864	7.27E-05	0.002606
0.000124	0.000697	1.19E-05	
23	0.000865	7.20E-05	1.48E-07
7.41E-05	0.000794	1.12E-05	
24	0.000865	9.00E-05	0.002389
0.000113	0.000868	1.31E-05	
25	0.000866	0.000145	0.005192
0.000214	0.000870	1.32E-05	
26	0.000868	0.000201	0.007243
0.000310	0.000746	1.10E-05	
27	0.000869	0.000245	0.008558
0.000385	0.000517	7.68E-06	
28	0.000870	0.000268	0.009118
0.000426	0.000319	5.23E-06	
29	0.000871	0.000265	0.009115
0.000426	0.000204	4.16E-06	
30	0.000872	0.000243	0.008555
0.000384	0.000237	5.35E-06	
31	0.000873	0.000198	0.007238
0.000310	0.000355	7.03E-06	
32	0.000874	0.000142	0.005187
0.000214	0.000486	8.22E-06	
33	0.000876	8.99E-05	0.002386
0.000114	0.000635	9.75E-06	
34	0.000878	7.32E-05	1.48E-07
7.43E-05	0.000731	9.50E-06	
35	0.000878	7.12E-05	0.002603
0.000122	0.000811	1.19E-05	
36	0.000879	0.000100	0.005700
0.000225	0.000821	1.24E-05	0.008019
37	0.000879	0.000153	
0.000321	0.000708	1.04E-05	
38	0.000879	0.000194	0.009558
0.000394	0.000492	7.38E-06	
39	0.000879	0.000217	0.010336
0.000429	0.000299	4.94E-06	
40	0.000878	0.000217	0.010596
0.000422	0.000200	4.04E-06	
41	0.000875	0.000195	0.010005
0.000376	0.000251	5.54E-06	
42	0.000872	0.000155	0.008513
0.000306	0.000393	7.17E-06	
43	0.000870	0.000110	0.006133
0.000213	0.000564	9.34E-06	
44	0.000868	7.67E-05	0.002835
0.000117	0.000748	1.16E-05	
45	0.000866	8.06E-05	8.88E-08
0.000103	0.000868	1.24E-05	
46	0.000864	0.000103	0.002161
0.000161	0.000970	1.51E-05	
47	0.000862	0.000166	0.004538
0.000275	0.001003	1.62E-05	
48	0.000861	0.000241	0.006087
0.000387	0.000898	1.51E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000860	0.000308	0.006885
0.000470	0.000675	1.22E-05	
50	0.000859	0.000356	0.007006
0.000511	0.000398	8.35E-06	
51	0.000859	0.000380	0.006551
0.000509	0.000235	5.33E-06	
52	0.000859	0.000379	0.005626
0.000465	0.000226	5.19E-06	
53	0.000860	0.000354	0.004334
0.000382	0.000263	7.44E-06	
54	0.000861	0.000314	0.002769
0.000259	0.000330	9.52E-06	
55	0.000862	0.000276	0.001015
0.000137	0.000359	1.15E-05	
56	0.000863	0.000262	5.51E-08
9.11E-05	0.000363	1.10E-05	
57	0.000825	0.000148	3.64E-08
6.83E-05	0.001227	7.62E-06	
58	0.000826	0.000150	0.000964
9.47E-05	0.001194	6.34E-06	
59	0.000826	0.000150	0.002633
0.000298	0.001023	3.09E-06	
60	0.000826	0.000141	0.004120
0.000475	0.000767	2.17E-06	
61	0.000826	0.000125	0.005344
0.000594	0.000472	1.89E-06	
62	0.000825	0.000107	0.006213
0.000653	0.000201	2.01E-06	
63	0.000825	8.69E-05	0.006629
0.000649	3.29E-05	2.14E-06	
64	0.000824	6.51E-05	0.006492
0.000586	9.62E-05	2.18E-06	
65	0.000823	5.34E-05	0.005715
0.000471	0.000230	2.22E-06	
66	0.000823	5.23E-05	0.004245
0.000320	0.000375	3.29E-06	
67	0.000822	6.18E-05	0.002016
0.000159	0.000528	3.96E-06	
68	0.000821	6.79E-05	5.29E-08
8.40E-05	0.000633	2.64E-06	
69	0.000821	7.16E-05	0.002655
0.000132	0.000712	3.95E-06	
70	0.000820	7.92E-05	0.005760
0.000225	0.000731	3.23E-06	
71	0.000820	8.57E-05	0.008024
0.000359	0.000641	2.05E-06	
72	0.000820	8.73E-05	0.009462
0.000473	0.000456	2.07E-06	
73	0.000820	8.38E-05	0.010043
0.000540	0.000287	2.66E-06	
74	0.000820	7.59E-05	0.009804
0.000550	0.000215	3.37E-06	
75	0.000821	6.37E-05	0.009043
0.000501	0.000277	4.11E-06	
76	0.000821	4.81E-05	0.007566
0.000401	0.000401	4.71E-06	
77	0.000822	4.02E-05	0.005361
0.000266	0.000519	5.80E-06	
78	0.000822	4.19E-05	0.002443
0.000122	0.000659	6.40E-06	
79	0.000823	4.89E-05	1.16E-07
4.21E-05	0.000749	5.04E-06	
80	0.000823	5.45E-05	0.002234
0.000102	0.000811	5.72E-06	
81	0.000823	6.57E-05	0.004865
0.000245	0.000802	4.99E-06	
82	0.000824	8.17E-05	0.006811
0.000383	0.000684	3.64E-06	
83	0.000824	9.30E-05	0.008076
0.000490	0.000471	2.56E-06	
84	0.000824	9.79E-05	0.008622
0.000548	0.000283	2.12E-06	
85	0.000824	9.66E-05	0.008622
0.000547	0.000189	1.89E-06	
86	0.000824	8.92E-05	0.008075
0.000489	0.000227	1.97E-06	
87	0.000824	7.77E-05	0.006811
0.000381	0.000340	2.53E-06	
88	0.000825	6.08E-05	0.004865
0.000243	0.000461	3.84E-06	
89	0.000825	5.16E-05	0.002234
0.000101	0.000597	4.73E-06	
90	0.000825	4.77E-05	1.16E-07
4.29E-05	0.000688	3.40E-06	
91	0.000826	4.05E-05	0.002443
0.000122	0.000752	4.41E-06	
92	0.000826	3.71E-05	0.005361
0.000265	0.000749	4.04E-06	
93	0.000827	3.66E-05	0.007566
0.000399	0.000640	3.08E-06	
94	0.000827	4.31E-05	0.009043
0.000500	0.000441	2.37E-06	
95	0.000827	4.80E-05	0.009805
0.000549	0.000263	1.86E-06	
96	0.000827	4.82E-05	0.010043
0.000539	0.000180	1.70E-06	
97	0.000826	4.42E-05	0.009462
0.000472	0.000244	1.95E-06	
98	0.000826	3.71E-05	0.008024
0.000360	0.000379	2.79E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000825	3.75E-05	0.005759
0.000225	0.000536	4.49E-06	
100	0.000823	4.34E-05	0.002655
0.000131	0.000704	5.79E-06	
101	0.000822	4.90E-05	5.97E-08
7.77E-05	0.000817	5.25E-06	
102	0.000822	5.37E-05	0.002016
0.000158	0.000901	6.55E-06	
103	0.000821	7.04E-05	0.004245
0.000319	0.000918	6.63E-06	
104	0.000820	9.40E-05	0.005716
0.000470	0.000813	5.99E-06	
105	0.000819	0.000120	0.006493
0.000586	0.000603	5.18E-06	
106	0.000818	0.000142	0.006629
0.000649	0.000348	4.32E-06	
107	0.000818	0.000160	0.006213
0.000652	0.000204	3.47E-06	
108	0.000818	0.000173	0.005343
0.000594	0.000213	2.82E-06	
109	0.000818	0.000179	0.004118
0.000475	0.000272	2.24E-06	
110	0.000818	0.000178	0.002630
0.000296	0.000317	2.09E-06	
111	0.000818	0.000167	0.000963
9.18E-05	0.000344	4.53E-06	
112	0.000818	0.000159	3.08E-08
5.66E-05	0.000349	5.38E-06	
113	0.000834	0.000122	5.74E-08
5.85E-05	0.001270	1.35E-05	
114	0.000835	0.000122	0.000953
0.000106	0.001242	1.33E-05	
115	0.000835	0.000146	0.002607
0.000239	0.001068	1.16E-05	
116	0.000835	0.000189	0.004083
0.000359	0.000799	8.46E-06	
117	0.000835	0.000214	0.005306
0.000442	0.000492	4.91E-06	
118	0.000835	0.000219	0.006183
0.000485	0.000207	3.21E-06	
119	0.000835	0.000202	0.006615
0.000492	5.11E-05	3.64E-06	
120	0.000834	0.000168	0.006503
0.000457	9.74E-05	5.43E-06	
121	0.000833	0.000123	0.005749
0.000380	0.000207	7.09E-06	
122	0.000832	8.94E-05	0.004286
0.000273	0.000373	7.91E-06	
123	0.000831	6.84E-05	0.002040
0.000155	0.000534	7.10E-06	
124	0.000831	6.11E-05	9.15E-08
9.13E-05	0.000643	7.18E-06	
125	0.000830	7.09E-05	0.002675
0.000100	0.000728	8.41E-06	
126	0.000830	0.000107	0.005793
0.000187	0.000760	9.01E-06	
127	0.000830	0.000146	0.008048
0.000272	0.000672	7.95E-06	
128	0.000830	0.000176	0.009463
0.000344	0.000548	6.29E-06	
129	0.000831	0.000189	0.010026
0.000393	0.000305	4.63E-06	
130	0.000831	0.000184	0.009783
0.000403	0.000219	4.64E-06	
131	0.000832	0.000159	0.009049
0.000374	0.000273	6.29E-06	
132	0.000834	0.000120	0.007592
0.000306	0.000398	7.76E-06	
133	0.000835	7.44E-05	0.005396
0.000211	0.000521	8.73E-06	
134	0.000835	4.96E-05	0.002463
0.000107	0.000667	9.38E-06	
135	0.000836	3.00E-05	1.38E-07
6.91E-05	0.000759	9.48E-06	
136	0.000836	4.85E-05	0.002258
8.84E-05	0.000822	1.02E-05	
137	0.000837	9.14E-05	0.004911
0.000185	0.000820	1.06E-05	
138	0.000837	0.000138	0.006855
0.000284	0.000813	9.49E-06	
139	0.000837	0.000175	0.008103
0.000359	0.000488	7.15E-06	
140	0.000837	0.000196	0.008634
0.000399	0.000300	4.92E-06	
141	0.000837	0.000196	0.008632
0.000399	0.000192	4.31E-06	
142	0.000837	0.000176	0.008100
0.000359	0.000228	5.89E-06	
143	0.000837	0.000141	0.006852
0.000283	0.000341	7.51E

164	0.000830	0.000249	0.005303
0.000442	0.000215	7.45E-06	
165	0.000830	0.000218	0.004081
0.000360	0.000274	1.04E-05	
166	0.000830	0.000173	0.002606
0.000240	0.000318	1.24E-05	
167	0.000830	0.000139	0.000953
0.000110	0.000343	1.32E-05	
168	0.000830	0.000134	6.06E-08
6.39E-05	0.000347	1.33E-05	
169	0.000845	0.000186	0.000100
6.66E-05	0.000326	0.000164	
170	0.000845	0.000196	0.000996
7.79E-05	0.001330	0.000133	
171	0.000845	0.000214	0.002703
0.000311	0.001176	0.000139	
172	0.000844	0.000227	0.004227
0.000467	0.000905	0.000113	
173	0.000844	0.000229	0.005486
0.000566	0.000595	8.50E-05	
174	0.000844	0.000217	0.006385
0.000616	0.000335	6.21E-05	
175	0.000844	0.000190	0.006824
0.000616	0.000236	5.15E-05	
176	0.000843	0.000152	0.006700
0.000563	0.000277	5.34E-05	
177	0.000843	0.000111	0.005918
0.000457	0.000364	6.08E-05	
178	0.000842	7.05E-05	0.004412
0.000309	0.000499	7.27E-05	
179	0.000841	5.54E-05	0.002105
0.000139	0.000602	7.79E-05	
180	0.000840	6.83E-05	8.22E-05
9.16E-05	0.000709	8.01E-05	
181	0.000840	8.82E-05	0.002773
0.000160	0.000845	9.44E-05	
182	0.000839	0.000118	0.005976
0.000266	0.000890	0.000104	
183	0.000838	0.000145	0.008294
0.000370	0.000801	9.57E-05	
184	0.000838	0.000164	0.009753
0.000465	0.000609	8.02E-05	
185	0.000838	0.000170	0.010336
0.000525	0.000454	6.80E-05	
186	0.000838	0.000163	0.010085
0.000534	0.000353	6.32E-05	
187	0.000839	0.000142	0.009321
0.000491	0.000417	6.81E-05	
188	0.000840	0.000110	0.007817
0.000393	0.000528	7.61E-05	
189	0.000841	7.24E-05	0.005557
0.000259	0.000645	8.50E-05	
190	0.000843	4.48E-05	0.002543
0.000118	0.000738	8.91E-05	
191	0.000843	4.75E-05	5.95E-05
6.21E-05	0.000829	9.13E-05	
192	0.000844	6.60E-05	0.002331
0.000122	0.000944	0.000108	
193	0.000844	0.000105	0.005053
0.000250	0.000965	0.000117	
194	0.000845	0.000140	0.007049
0.000376	0.000856	0.000107	
195	0.000846	0.000169	0.008335
0.000479	0.000645	8.93E-05	
196	0.000846	0.000183	0.008885
0.000530	0.000466	7.26E-05	
197	0.000847	0.000182	0.008883
0.000530	0.000380	6.38E-05	
198	0.000847	0.000165	0.008332
0.000478	0.000377	6.26E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
331

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000848	0.000136	0.007046
0.000374	0.000469	6.87E-05	
200	0.000846	0.000101	0.005049
0.000248	0.000586	7.93E-05	
201	0.000849	6.40E-05	0.002329
0.000120	0.000676	8.43E-05	
202	0.000849	4.75E-05	6.02E-05
6.20E-05	0.000767	8.38E-05	
203	0.000850	4.29E-05	0.002542
0.000117	0.000688	9.44E-05	
204	0.000850	6.60E-05	0.005554
0.000257	0.000920	0.000100	
205	0.000851	9.51E-05	0.007814
0.000391	0.000823	9.31E-05	
206	0.000852	0.000120	0.009318
0.000489	0.000626	8.10E-05	
207	0.000852	0.000135	0.010084
0.000532	0.000465	6.84E-05	
208	0.000851	0.000135	0.010334
0.000523	0.000378	6.33E-05	
209	0.000850	0.000123	0.009752
0.000464	0.000380	7.07E-05	
210	0.000849	0.000101	0.008292
0.000369	0.000503	7.94E-05	
211	0.000847	7.53E-05	0.005973
0.000266	0.000660	9.26E-05	
212	0.000845	5.08E-05	0.002768
0.000160	0.000783	9.73E-05	
213	0.000844	5.32E-05	6.17E-05
9.17E-05	0.000897	9.92E-05	
214	0.000843	7.14E-05	0.002107
0.000139	0.001035	0.000117	
215	0.000841	0.000114	0.004414
0.000308	0.001089	0.000129	
216	0.000840	0.000164	0.005920
0.000457	0.001001	0.000121	
217	0.000839	0.000111	0.006703
0.000564	0.000798	0.000103	
218	0.000838	0.000248	0.006826
0.000617	0.000556	8.15E-05	
219	0.000838	0.000270	0.006386
0.000617	0.000426	6.63E-05	
220	0.000838	0.000276	0.005485
0.000568	0.000372	6.18E-05	
221	0.000839	0.000266	0.004223
0.000469	0.000398	6.24E-05	
222	0.000839	0.000244	0.002693
0.000312	0.000430	6.41E-05	
223	0.000840	0.000215	0.000976
7.77E-05	0.000500	5.45E-05	
224	0.000841	0.000198	0.000100
6.37E-05	0.000365	6.63E-05	
225	0.000826	0.000137	0.000112
8.08E-05	0.001286	0.000162	
226	0.000826	0.000120	0.000948
7.79E-05	0.001297	0.000132	
227	0.000826	0.000116	0.002604
0.000322	0.001160	0.000139	
228	0.000827	0.000129	0.004082
0.000501	0.000924	0.000112	
229	0.000827	0.000136	0.005303
0.000616	0.000642	8.36E-05	
230	0.000827	0.000130	0.006175
0.000672	0.000407	6.05E-05	
231	0.000827	0.000117	0.006601
0.000668	0.000258	4.99E-05	
232	0.000826	9.24E-05	0.006481
0.000604	0.000244	5.19E-05	
233	0.000826	6.82E-05	0.005723
0.000485	0.000331	5.97E-05	
234	0.000825	5.55E-05	0.004264
0.000324	0.000474	7.07E-05	
235	0.000824	6.33E-05	0.002029
0.000152	0.000584	7.57E-05	
236	0.000823	6.00E-05	8.07E-05
0.000105	0.000690	7.80E-05	
237	0.000823	6.72E-05	0.002661
0.000162	0.000819	9.39E-05	
238	0.000822	8.25E-05	0.005766
0.000261	0.000868	0.000104	
239	0.000822	0.000104	0.008014
0.000363	0.000794	9.50E-05	
240	0.000822	0.000119	0.009431
0.000480	0.000618	7.90E-05	
241	0.000822	0.000123	0.009998
0.000548	0.000462	6.51E-05	
242	0.000822	0.000115	0.009757
0.000559	0.000378	6.29E-05	
243	0.000823	9.69E-05	0.009018
0.000511	0.000391	6.83E-05	
244	0.000824	6.94E-05	0.007561
0.000405	0.000509	7.67E-05	
245	0.000825	4.32E-05	0.005370
0.000259	0.000624	8.72E-05	
246	0.000825	4.32E-05	0.002449
0.000125	0.000718	8.99E-05	
247	0.000826	4.16E-05	7.20E-05
7.46E-05	0.000806	8.89E-05	
248	0.000826	4.72E-05	0.002245
0.000129	0.000917	0.000102	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
332

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000826	6.67E-05	0.004883
0.000250	0.000933	0.000110	
250	0.000827	9.81E-05	0.006820
0.000378	0.000823	9.89E-05	
251	0.000828	0.000122	0.008067
0.000489	0.000620	8.14E-05	
252	0.000827	0.000135	0.008600
0.000546	0.000445	6.70E-05	
253	0.000827	0.000134	0.008600
0.000546	0.000359	6.32E-05	
254	0.000827	0.000121	0.008065
0.000488	0.000358	6.15E-05	
255	0.000827	9.73E-05	0.006817
0.000376	0.000454	6.73E-05	
256	0.000827	6.66E-05	0.004881
0.000247	0.000571	7.73E-05	
257	0.000828	4.33E-05	0.002244
0.000127	0.000659	8.02E-05	
258	0.000828	3.79E-05	7.23E-05
7.46E-05	0.000746	8.26E-05	
259	0.000828	4.03E-05	0.002449
0.000123	0.000856	9.88E-05	
260	0.000829	4.16E-05	0.005369
0.000257	0.000874	0.000108	
261	0.000829	5.39E-05	0.007559
0.000383	0.000770	9.91E-05	
262	0.000830	7.58E-05	0.009017
0.000509	0.000570	8.37E-05	
263	0.000830	8.72E-05	0.009757
0.000557	0.000410	7.04E-05	
264	0.000830	8.65E-05	0.009999
0.000547	0.000349	6.02E-05	
265	0.000829	7.41E-05	0.009432
0.000479	0.000373	6.55E-05	
266	0.000828	5.45E-05	0.008016
0.000363	0.000493	7.72E-05	
267	0.000827	3.91E-05	0.005768
0.000261	0.000646	8.80E-05	
268	0.000826	3.71E-05	0.002664
0.000162	0.000765	9.21E-05	
269	0.000825	4.29E-05	7.68E-05
0.000105	0.000872	9.33E-05	
270	0.000824	5.34E-05	0.002027
0.000151	0.000999	0.000109	
271	0.000823	7.71E-05	0.004262
0.000324	0.001023	0.000122	
272	0.000822	0.000113	0.005721
0.000485	0.000927	0.000114	
273	0.000821	0.000147	0.006479
0.000604	0.000710	9.81E-05	
274	0.000820	0.000172	0.006599
0.000668	0.000463	7.80E-05	
275	0.000820	0.000184	0.006173
0.000672	0.000348	6.37E-05	
276	0.000820	0.000182	0.005302
0.000616	0.000354	6.12E-05	
277	0.000820	0.000166	0.004084
0.000501	0.000384	6.29E-05	
278	0.000820	0.000145	0.002609
0.000322	0.000416	6.53E-05	
279	0.000820	0.000137	0.000958
7.84E-05	0.000387	5.55E-05	
280	0.000820	0.000147	0.000113
8.42E-05	0.000352	6.68E-05	
281	0.001164	2.93E-05	.000000
9.76E-05	0.001350	1.01E-05	.000000
282	0.001293	4.03E-05	.000000
0.000103	0.000676	8.86E-06	
283	0.001600	.000000	.000000
7.41E-05	0.000794	1.12E-05	
284	.000000	.000000	.000000
5.38E-05	0.000732	9.50E-06	
285	0.001642	8.54E-05	.000000
3.90E-05	0.000871	1.24E-05	
286	0.001566	3.11E-05	.000000
8.59E-05	0.000366	1.19E-05	
287	0.001114	0.000108	.000000
0.000118	0.001228	7.62E-06	
288	0.001188	2.66E-05	.000000
8.25E-05	0.000632	2.64E-06	
289	0.001516	.000000	.000000
4.20E-05	0.000749	5.04E-06	
290	.000000	.000000	.000000
2.49E-05	0.000689	3.40E-06	
291	0.001554	8.09E-05	.000000
2.05E-05	0.000819	5.25E-06	
292	0.001404	0.000109	.000000
5.14E-05	0.000352	5.38E-06	
293	0.001130	9.38E-05	.000000
0.000197	0.001258	1.35E-05	
294	0.001213	5.82E-05	.000000
0.000116	0.000635	7.18E-06	
295	0.001532	6.14E-05	.000000
0.000187	0.000737	0.486E-06	
296	3.92E-06	9.46E-05	.000000
5.85E-05	0.000700	8.21E-06	
297	0.001499	0.000441	.000000
3.99E-05	0.000816	9.62E-06	
298	0.001440	0.000357	.000000
9.37E-05	0.000357	1.33E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
333

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB DESIGN ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000929	-9.36E-05	-4.16E-07
-0.000241	-0.000364	-1.17E-05	
2	-0.000929	-9.35E-05	-0.003748
-0.000320	-0.000359	-1.14E-05	
3	-0.000930	-0.000113	-0.009957
-0.000470	-0.000331	-9.83E-06	
4	-0.000931	-0.000154	-0.014862
-0.000574	-0.000283	-8.24E-06	
5	-0.000933	-0.000183	-0.018140
-0.000622	-0.000226	-6.04E-06	
6	-0.000933	-0.000198	-0.019562
-0.000621	-0.000236	-6.39E-06	
7	-0.000933	-0.000198	-0.019032
-0.000571	-0.000398	-9.40E-06	
8	-0.000931	-0.000183	-0.016689
-0.000482	-0.000674	-1.32E-05	
9	-0.000929	-0.000156	-0.012879
-0.000359	-0.000898	-1.75E-05	
10	-0.000927	-0.000128	-0.008170
-0.000218	-0.001003	-1.75E-05	
11	-0.000925	-0.000123	-0.003221
-9.65E-05	-0.000970	-1.59E-05	
12	-0.000924	-0.000130	-9.36E-07
-7.74E-05	-0.000868	-1.17E-05	
13	-0.000923	-0.000129	-0.002556
-0.000146	-0.000748	-1.06E-05	
14	-0.000922	-0.000145	-0.006554
-0.000273	-0.000564	-8.86E-06	
15	-0.000922	-0.000172	-0.010366
-0.000386	-0.000393	-7.83E-06	
16	-0.000923	-0.000187	-0.013385
-0.000465	-0.000251	-5.96E-06	
17	-0.000923	-0.000195	-0.015068
-0.000499	-0.000200	-4.16E-06	
18	-0.000924	-0.000189	-0.015140
-0.000487	-0.000298	-5.38E-06	
19	-0.000926	-0.000169	-0.013585
-0.000433	-0.000492	-8.72E-06	
20	-0.000927	-0.000138	-0.010645
-0.000339	-0.000626	-1.13E-05	
21	-0.000929	-0.000109	-0.006828
-0.000218	-0.000821	-1.37E-05	
22	-0.000931	-8.83E-05	-0.002714
-9.16E-05	-0.000813	-1.31E-05	
23	-0.000932	-8.89E-05	-9.02E-07
-6.00E-05	-0.000733	-1.05E-05	
24	-0.000934	-9.39E-05	-0.002917
-0.000120	-0.000635	-1.01E-05	
25	-0.000935	-0.000112	-0.007315
-0.000249	-0.000486	-8.30E-06	
26	-0.000937	-0.000138	-0.011390
-0.000368	-0.000355	-7.03E-06	
27	-0.000939	-0.000161	-0.014548
-0.000455	-0.000236	-4.17E-06	
28	-0.000941	-0.000173	-0.016256
-0.000499	-0.000203	-4.12E-06	
29	-0.000942	-0.000172	-0.016255
-0.000499	-0.000319	-5.39E-06	
30	-0.000944	-0.000159	-0.014543
-0.000455	-0.000517	-7.68E-06	
31	-0.000946	-0.000137	-0.011383
-0.000367	-0.000747	-1.10E-05	
32	-0.000948	-0.000111	-0.007307
-0.000249	-0.000869	-1.30E-05	
33	-0.000950	-9.34E-05	-0.002912
-0.000120	-0.000867	-1.26E-05	
34	-0.000951	-8.92E-05	-9.02E-07
-6.10E-05	0.000793	-1.03E-05	
35	-0.000952	-8.83E-05	-0.002708
-9.06E-05	-0.000697	-1.06E-05	
36	-0.000952	-0.000104	-0.006818
-0.000215	-0.000545	-8.94E-06	
37	-0.000953	-0.000129	-0.010633
-0.000336	-0.000418	-7.07E-06	
38	-0.000953	-0.000157	-0.013574
-0.000431	-0.000288	-5.35E-06	
39	-0.000953	-0.000172	-0.015131
-0.000485	-0.000228	-4.37E-06	
40	-0.000953	-0.000171	-0.015061
-0.000497	-0.000313	-5.30E-06	
41	-0.000953	-0.000157	-0.013381
-0.000464	-0.000487	-7.53E-06	
42	-0.000951	-0.000134	-0.010365
-0.000385	-0.000694	-1.05E-05	
43	-0.000950	-0.000113	-0.006554
-0.000273	-0.000795	-1.22E-05	
44	-0.000948	-0.000105	-0.002556
-0.000146	-0.000770	-1.17E-05	
45	-0.000946	-0.000106	-9.33E-07
-7.17E-05	-0.000676	-9.65E-06	
46	-0.000944	-0.000111	-0.003222
-9.06E-05	-0.000561	-9.61E-06	
47	-0.000941	-0.000126	-0.008172
-0.000211	-0.000594	-9.17E-06	
48	-0.000939	-0.000153	-0.012883
-0.000357	-0.000236	-7.56E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
334

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-0.000936	-0.000179	-0.016694
-0.000482	-9.45E-05	-6.44E-06	
50	-0.000934	-0.000196	-0.019039
-0.000572	-1.70E-05	-4.82E-06	
51	-0.000934	-0.000202	-0.019570
-0.000623	-0.000185	-3.01E-06	
52	-0.000934	-0.000194	-0.018149
-0.000626	-0.000481	-4.65E-06	
53	-0.000935	-0.000173	-0.014869
-0.000578	-0.000803	-7.61E-06	
54	-0.000938	-0.000143	-0.009964
-0.000476	-0.001098	-1.80E-05	
55	-0.000940	-0.000119	-0.003751
-0.000327	-0.001307	-1.03E-05	
56	-0.000941	-0.000112	-4.18E-07
-0.000249	-0.001348	-1.09E-05	
57	-0.000910	-6.62E-05	-4.33E-07
-0.000190	-0.001048	-8.07E-06	
58	-0.000912	-5.74E-05	-0.003379
-0.000278	-0.000343	-5.20E-06	
59	-0.000913	-4.54E-05	-0.008985
-0.000496	-0.000316	-2.81E-06	
60	-0.000912	-3.88E-05	-0.013441
-0.000660	-0.000272	-3.53E-06	
61	-0.000911	-3.47E-05	-0.016453
-0.000751	-0.000213	-4.39E-06	
62	-0.000909	-3.25E-05	-0.017791
-0.000769	-0.000204	-5.16E-06	
63	-0.000907	-3.38E-05	-0.017357
-0.000718	-0.000347	-5.75E-06	
64	-0.000905	-3.81E-05	-0.015264
-0.000605	-0.000603	-8.06E-06	
65	-0.000903	-4.64E-05	-0.011827
-0.000447	-0.000813	-6.34E-06	
66	-0.000900	-5.78E-05	-0.007548
-0.000263	-0.000918	-6.41E-06	
67	-0.000898	-7.50E-05	-0.003002
-9.38E-05	-0.000900	-5.94E-06	
68	-0.000897	-9.79E-05	-9.54E-07
-6.04E-05	-0.000817	-4.46E-06	
69	-0.000896	-0.000102	-0.002358
-0.000151	-0.000704	-5.27E-06	
70	-0.000895	-0.000111	-0.006002
-0.000310	-0.000536	-3.57E-06	
71	-0.000895	-0.000115	-0.009448
-0.000460	-0.000379	-1.55E-06	
72	-0.000894	-0.000113	-0.012169
-0.000571	-0.000244	-1.49E-06	
73	-0.000894	-0.000105	-0.013690
-0.000627	-0.000180	-2.08E-06	
74	-0.000895	-9.24E-05	-0.013762
-0.000618	-0.000563	-5.28E-06	
75	-0.000895	-7.69E-05	-0.012370
-0.000546	-0.000441	-3.75E-06	
76	-0.000896	-6.05E-05	-0.009724
-0.000423	-0.000640	-4.59E-06	
77	-0.000896	-4.67E-05	-0.006273
-0.000267	-0.000749	-5.30E-06	
78	-0.000896	-4.49E-05	-0.002514
-0.000106	-0.000752	-5.34E-06	
79	-0.000897	-5.05E-05	-9.36E-07
-4.08E-05	-0.000688	-4.19E-06	
80	-0.000898	-5.36E-05	-0.002726
-0.000134	-0.000597	-5.07E-06	
81	-0.000898	-6.21E-05	-0.006781
-0.000296	-0.000461	-3.92E-06	
82	-0.000898	-7.18E-05	-0.010503
-0.000449	-0.000340	-2.43E-06	
83	-0.000898	-7.75E-05	-0.013377
-0.000567	-0.000227	-1.72E-06	
84	-0.000898	-7.67E-05	-0.014929
-0.000630	-0.000189	-1.63E-06	
85	-0.000898	-7.74E-05	-0.014929
-0.000630	-0.000283	-2.28E-06	
86	-0.000898	-7.52E-05	-0.013376
-0.000566	-0.000471	-2.93E-06	
87	-0.000898	-6.91E-05	-0.010503
-0.000447	-0.000684	-3.81E-06	
88	-0.000898	-6.07E-05	-0.006781
-0.000294	-0.000802	-4.84E-06	
89	-0.000899	-5.27E-05	-0.002726
-0.000132	-0.000811	-5.22E-06	
90	-0.000899	-5.15E-05	-9.36E-07
-3.98E-05	-0.000749	-4.17E-06	
91	-0.000899	-4.60E-05	-0.002513
-0.000107	-0.000659	-5.38E-06	
92	-0.000899	-4.35E-05	-0.006273
-0.000266	-0.000519	-4.41E-06	
93	-0.000899	-4.61E-05	-0.009724
-0.000421	-0.000401	-2.99E-06	
94	-0.000899	-5.34E-05	-0.012369
-0.000544	-0.000277	-2.30E-06	
95	-0.000899	-5.83E-05	-0.013763
-0.000616	-0.000215	-2.02E-06	
96	-0.000899	-6.07E-05	-0.013691
-0.000625	-0.000287	-2.11E-06	
97	-0.000899	-6.07E-05	-0.012170
-0.000570	-0.000456	-2.41E-06	
98	-0.000898	-5.92E-05	-0.009448
-0.000459	-0.000641	-3.11E-06	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
335

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000897	-5.81E-05	-0.006002
-0.000310	-0.000731	-4.10E-06	
100	-0.000895	-5.82E-05	-0.002359
-0.000150	-0.000712	-4.43E-06	
101	-0.000894	-6.14E-05	-9.61E-07
-5.65E-05	-0.000633	-3.47E-06	
102	-0.000893	-6.12E-05	-0.003002
-9.41E-05	-0.000528	-4.67E-06	
103	-0.000890	-6.57E-05	-0.007549
-0.000264	-0.000375	-3.75E-06	
104	-0.000888	-7.29E-05	-0.011829
-0.000448	-0.000230	-2.36E-06	
105	-0.000886	-7.97E-05	-0.015265
-0.000606	-9.63E-05	-1.70E-06	
106	-0.000884	-8.44E-05	-0.017357
-0.000718	-3.29E-05	-1.29E-06	
107	-0.000883	-8.71E-05	-0.017791
-0.000769	-0.000201	-9.77E-07	
108	-0.000882	-8.80E-05	-0.016452
-0.000750	-0.000472	-1.22E-06	
109	-0.000882	-8.75E-05	-0.013439
-0.000659	-0.000767	-1.91E-06	
110	-0.000882	-8.68E-05	-0.008982
-0.000493	-0.001024	-3.29E-06	
111	-0.000883	-9.15E-05	-0.003377
-0.000271	-0.001194	-6.92E-06	
112	-0.000884	-9.75E-05	-4.29E-07
-0.000180	-0.001257	-8.14E-06	
113	-0.000917	-7.21E-05	-3.88E-07
-0.000259	-0.000348	-1.48E-05	
114	-0.000917	-6.77E-05	-0.003458
-0.000308	-0.000344	-1.48E-05	
115	-0.000918	-6.18E-05	-0.009191
-0.000461	-0.000319	-1.40E-05	
116	-0.000918	-5.49E-05	-0.013723
-0.000569	-0.000275	-1.20E-05	
117	-0.000917	-0.000121	-0.016758
-0.000623	-0.000215	-9.03E-06	
118	-0.000916	-0.000154	-0.018074
-0.000624	-0.000187	-6.05E-06	
119	-0.000914	-0.000167	-0.017593
-0.000578	-0.000344	-6.73E-06	
120	-0.000912	-0.000160	-0.015448
-0.000488	-0.000594	-9.31E-06	
121	-0.000909	-0.000143	-0.011952
-0.000368	-0.000814	-1.14E-05	
122	-0.000907	-0.000122	-0.007613
-0.000238	-0.000925	-1.18E-05	
123	-0.000905	-0.000103	-0.003023
-0.000134	-0.000910	-1.06E-05	
124	-0.000904	-9.66E-05	-8.99E-07
-0.000114	-0.000829	-8.92E-06	
125	-0.000903	-0.000107	-0.002379
-0.000163	-0.000717	-8.45E-06	
126	-0.000902	-0.000129	-0.006081
-0.000269	-0.000544	-8.75E-06	
127	-0.000902	-0.000145	-0.009619
-0.000382	-0.000381	-8.44E-06	
128	-0.000902	-0.000163	-0.012420
-0.000462	-0.000245	-6.67E-06	
129	-0.000903	-0.000175	-0.013983
-0.000499	-0.000181	-4.07E-06	
130	-0.000904	-0.000173	-0.014050
-0.000489	-0.000271	-4.76E-06	
131	-0.000905	-0.000158	-0.012606
-0.000435	-0.000445	-7.40E-06	
132	-0.000906	-0.000132	-0.009877
-0.000342	-0.000653	-9.83E-06	
133	-0.000907	-0.000126	-0.006335
-0.000235	-0.000765	-1.08E-05	
134	-0.000908	-6.44E-05	-0.002536
-0.000134	-0.000763	-1.00E-05	
135	-0.000909	-5.07E-05	-8.66E-07
-0.000103	-0.000699	-8.59E-06	
136	-0.000909	-5.88E-05	-0.002741
-0.000147	-0.000608	-8.32E-06	
137	-0.000910	-8.61E-05	-0.006830
-0.000253	-0.000467	-8.26E-06	
138	-0.000910	-0.000118	-0.010597
-0.000368	-0.000341	-7.81E-06	
139	-0.000910	-0.000143	-0.013512
-0.000455	-0.000227	-6.10E-06	
140	-0.000910	-0.000157	-0.015089
-0.000501	-0.000192	-4.47E-06	
141	-0.000909	-0.000157	-0.015089
-0.000500	-0.000300	-4.90E-06	
142	-0.000909	-0.000146	-0.013511
-0.000454	-0.000489	-7.12E-06	
143	-0.000909	-0.000129	-0.010595
-0.000367	-0.000705	-9.17E-06	
144	-0.000909	-9.04E-05	-0.006827
-0.000253	-0.000820	-1.03E-05	
145	-0.000910	-6.41E-05	-0.002740
-0.000147	-0.000822	-9.71E-06	
146	-0.000910	-4.68E-05	-8.66E-07
-0.000103	-0.000758	-9.01E-06	
147	-0.000910

165	-0.000893	-0.000110	-0.013724
-0.000571	-0.000799	-8.96E-06	
166	-0.000893	-9.80E-05	-0.009191
-0.000464	-0.001067	-1.22E-05	
167	-0.000893	-9.53E-05	-0.003458
-0.000312	-0.001242	-1.40E-05	
168	-0.000895	-9.48E-05	-3.89E-07
-0.000263	-0.001270	-1.43E-05	
169	-0.000925	-5.65E-05	-0.000140
-0.000234	-0.000361	-7.18E-05	
170	-0.000925	-5.99E-05	-0.003534
-0.000265	-0.000397	-5.82E-05	
171	-0.000925	-7.60E-05	-0.009418
-0.000548	-0.000429	-6.93E-05	
172	-0.000924	-9.69E-05	-0.014095
-0.000716	-0.000397	-6.67E-05	
173	-0.000923	-0.000112	-0.017260
-0.000802	-0.000371	-6.50E-05	
174	-0.000922	-0.000120	-0.018652
-0.000810	-0.000426	-6.72E-05	
175	-0.000920	-0.000122	-0.018182
-0.000750	-0.000556	-7.93E-05	
176	-0.000918	-0.000117	-0.015966
-0.000630	-0.000798	-0.000102	
177	-0.000916	-0.000106	-0.012350
-0.000461	-0.001041	-0.000120	
178	-0.000913	-9.09E-05	-0.007864
-0.000266	-0.001089	-0.000129	
179	-0.000911	-8.74E-05	-0.003113
-0.000129	-0.001035	-0.000116	
180	-0.000909	-9.41E-05	-9.78E-05
-8.45E-05	-0.000897	-9.68E-05	
181	-0.000906	-0.000106	-0.002458
-0.000147	-0.000783	-9.31E-05	
182	-0.000908	-0.000127	-0.006268
-0.000321	-0.000660	-8.72E-05	
183	-0.000907	-0.000142	-0.009881
-0.000484	-0.000503	-7.49E-05	
184	-0.000907	-0.000147	-0.012745
-0.000602	-0.000380	-6.42E-05	
185	-0.000908	-0.000147	-0.014348
-0.000656	-0.000379	-6.18E-05	
186	-0.000909	-0.000139	-0.014423
-0.000644	-0.000465	-6.94E-05	
187	-0.000910	-0.000122	-0.012950
-0.000569	-0.000626	-8.06E-05	
188	-0.000911	-9.77E-05	-0.010164
-0.000434	-0.000823	-0.000100	
189	-0.000912	-7.08E-05	-0.006545
-0.000263	-0.000920	-0.000108	
190	-0.000913	-5.03E-05	-0.002616
-0.000124	-0.000889	-0.000100	
191	-0.000914	-5.00E-05	-8.50E-05
-6.96E-05	-0.000767	-8.51E-05	
192	-0.000915	-6.06E-05	-0.002832
-0.000134	-0.000676	-8.42E-05	
193	-0.000916	-8.33E-05	-0.007061
-0.000293	-0.000586	-8.18E-05	
194	-0.000917	-0.000104	-0.010955
-0.000461	-0.000469	-7.31E-05	
195	-0.000918	-0.000119	-0.013971
-0.000586	-0.000377	-6.73E-05	
196	-0.000919	-0.000126	-0.015605
-0.000649	-0.000380	-6.28E-05	
197	-0.000919	-0.000124	-0.015604
-0.000648	-0.000466	-7.09E-05	
198	-0.000920	-0.000116	-0.013969
-0.000585	-0.000645	-8.55E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
337

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000921	-0.000100	-0.010952
-0.000459	-0.000857	-9.73E-05	
200	-0.000922	-8.05E-05	-0.007058
-0.000291	-0.000965	-0.000105	
201	-0.000923	-5.91E-05	-0.002830
-0.000132	-0.000944	-9.93E-05	
202	-0.000923	-5.01E-05	-8.54E-05
-6.96E-05	-0.000828	-8.86E-05	
203	-0.000924	-5.10E-05	-0.002615
-0.000122	-0.000737	-8.94E-05	
204	-0.000925	-6.95E-05	-0.006543
-0.000261	-0.000645	-8.45E-05	
205	-0.000925	-9.04E-05	-0.010161
-0.000432	-0.000528	-7.32E-05	
206	-0.000926	-0.000106	-0.012948
-0.000567	-0.000417	-6.53E-05	
207	-0.000926	-0.000116	-0.014421
-0.000642	-0.000393	-6.36E-05	
208	-0.000926	-0.000117	-0.014347
-0.000655	-0.000454	-7.19E-05	
209	-0.000925	-0.000109	-0.012744
-0.000602	-0.000609	-8.81E-05	
210	-0.000924	-9.60E-05	-0.009881
-0.000484	-0.000801	-0.000105	
211	-0.000923	-8.12E-05	-0.006268
-0.000321	-0.000890	-0.000113	
212	-0.000921	-7.00E-05	-0.002457
-0.000148	-0.000845	-0.000102	
213	-0.000920	-6.71E-05	-8.73E-05
-8.45E-05	-0.000709	-8.45E-05	
214	-0.000918	-7.29E-05	-0.003118
-0.000130	-0.000592	-8.06E-05	
215	-0.000915	-9.09E-05	-0.007868
-0.000266	-0.000499	-7.41E-05	
216	-0.000912	-0.000112	-0.012353
-0.000462	-0.000364	-6.28E-05	
217	-0.000910	-0.000129	-0.015968
-0.000631	-0.000277	-5.66E-05	
218	-0.000909	-0.000139	-0.018184
-0.000751	-0.000236	-5.40E-05	
219	-0.000906	-0.000143	-0.018652
-0.000812	-0.000335	-6.01E-05	
220	-0.000906	-0.000140	-0.017258
-0.000804	-0.000595	-8.03E-05	
221	-0.000906	-0.000129	-0.014091
-0.000718	-0.000905	-0.000107	
222	-0.000907	-0.000111	-0.009409
-0.000550	-0.001177	-0.000133	
223	-0.000908	-9.16E-05	-0.003521
-0.000265	-0.001332	-0.000126	
224	-0.000909	-8.46E-05	-0.000142
-0.000233	-0.001328	-0.000156	
225	-0.000902	-6.23E-05	-0.000186
-0.000229	-0.000354	-7.02E-05	
226	-0.000903	-5.54E-05	-0.003408
-0.000237	-0.000388	-5.83E-05	
227	-0.000904	-4.83E-05	-0.009081
-0.000522	-0.000417	-6.88E-05	
228	-0.000825	-4.56E-05	-0.013597
-0.000672	-0.000384	-6.59E-05	
229	-0.000904	-4.95E-05	-0.016655
-0.000742	-0.000354	-6.27E-05	
230	-0.000903	-6.66E-05	-0.018004
-0.000744	-0.000348	-6.38E-05	
231	-0.000902	-7.68E-05	-0.017558
-0.000689	-0.000462	-7.54E-05	
232	-0.000900	-7.93E-05	-0.015425
-0.000581	-0.000709	-9.63E-05	
233	-0.000898	-7.70E-05	-0.011938
-0.000427	-0.000927	-0.000116	
234	-0.000896	-7.62E-05	-0.007613
-0.000251	-0.001033	-0.000127	
235	-0.000894	-8.16E-05	-0.003029
-0.000123	-0.000999	-0.000115	
236	-0.000893	-8.75E-05	-0.000154
-7.64E-05	-0.000872	-9.57E-05	
237	-0.000892	-0.000100	-0.002387
-0.000137	-0.000765	-9.31E-05	
238	-0.000891	-0.000127	-0.006071
-0.000305	-0.000647	-8.74E-05	
239	-0.000891	-0.000125	-0.009565
-0.000459	-0.000493	-7.40E-05	
240	-0.000891	-0.000125	-0.012336
-0.000564	-0.000373	-6.28E-05	
241	-0.000892	-0.000123	-0.013886
-0.000611	-0.000349	-5.89E-05	
242	-0.000892	-0.000118	-0.013959
-0.000600	-0.000410	-6.78E-05	
243	-0.000893	-0.000105	-0.012535
-0.000534	-0.000570	-8.39E-05	
244	-0.000894	-8.52E-05	-0.009842
-0.000414	-0.000770	-9.75E-05	
245	-0.000895	-6.08E-05	-0.006343
-0.000256	-0.000875	-0.000104	
246	-0.000896	-4.23E-05	-0.002543
-0.000118	-0.000856	-9.54E-05	
247	-0.000897	-4.21E-05	-0.000134
-6.27E-05	-0.000746	-8.18E-05	
248	-0.000897	-5.36E-05	-0.002753
-0.000121	-0.000659	-8.18E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
338

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000898	-7.23E-05	-0.006842
-0.000287	-0.000571	-8.02E-05	
250	-0.000898	-8.44E-05	-0.010606
-0.000444	-0.000454	-7.18E-05	
251	-0.000898	-9.46E-05	-0.013523
-0.000557	-0.000357	-6.22E-05	
252	-0.000898	-0.000102	-0.015104
-0.000613	-0.000359	-5.98E-05	
253	-0.000898	-0.000102	-0.015103
-0.000613	-0.000445	-7.26E-05	
254	-0.000899	-9.53E-05	-0.013522
-0.000556	-0.000620	-8.76E-05	
255	-0.000899	-8.36E-05	-0.010605
-0.000442	-0.000823	-0.000104	
256	-0.000899	-7.22E-05	-0.006840
-0.000285	-0.000933	-0.000113	
257	-0.000900	-5.66E-05	-0.002752
-0.000119	-0.000917	-0.000104	
258	-0.000900	-4.57E-05	-0.000134
-6.25E-05	-0.000806	-8.74E-05	
259	-0.000901	-3.95E-05	-0.002543
-0.000116	-0.000718	-8.52E-05	
260	-0.000901	-5.45E-05	-0.006341
-0.000254	-0.000624	-8.14E-05	
261	-0.000902	-7.34E-05	-0.009839
-0.000412	-0.000509	-7.11E-05	
262	-0.000902	-8.97E-05	-0.012532
-0.000532	-0.000391	-6.05E-05	
263	-0.000902	-9.90E-05	-0.013956
-0.000599	-0.000378	-6.55E-05	
264	-0.000902	-9.94E-05	-0.013884
-0.000610	-0.000462	-6.81E-05	
265	-0.000902	-9.11E-05	-0.012334
-0.000564	-0.000618	-8.02E-05	
266	-0.000901	-7.70E-05	-0.009564
-0.000458	-0.000794	-9.53E-05	
267	-0.000900	-6.23E-05	-0.006071
-0.000305	-0.000868	-0.000103	
268	-0.000898	-5.69E-05	-0.002388
-0.000136	-0.000819	-9.40E-05	
269	-0.000897	-5.08E-05	-0.000137
-7.61E-05	-0.000689	-7.96E-05	
270	-0.000896	-6.40E-05	-0.003026
-0.000122	-0.000584	-7.85E-05	
271	-0.000894	-7.58E-05	-0.007611
-0.000251	-0.000474	-7.35E-05	
272	-0.000892	-8.73E-05	-0.011938
-0.000428	-0.000331	-6.25E-05	
273	-0.000889	-9.60E-05	-0.015425
-0.000582	-0.000244	-5.63E-05	
274	-0.000888	-9.85E-05	-0.017559
-0.000689	-0.000258	-5.36E-05	
275	-0.000886	-9.63E-05	-0.018006
-0.000745	-0.000407	-6.04E-05	
276	-0.000886	-9.42E-05	-0.016656
-0.000743	-0.000642	-8.16E-05	
277	-0.000886	-9.10E-05	-0.013599
-0.000672	-0.000924	-0.000108	
278	-0.000887	-8.77E-05	-0.009087
-0.000521	-0.001160	-0.000135	
279	-0.000888	-8.78E-05	-0.003416
-0.000238	-0.001296	-0.000118	
280	-0.000888	-8.98E-05	-0.000184
-0.000229	-0.001284	-0.000157	
281	-0.002215	-1.54E-05	.000000
-0.000231	-0.000362	-1.17E-05	
282	-0.001096	-3.44E-05	.000000
-6.29E-05	-0.000868	-1.17E-05	
283	-0.001855	.000000	.000000
-6.00E-05	-0.000733	-1.05E-05	
284	.000000	.000000	.000000
-4.77E-05	-0.000794	-1.03E-05	
285	-0.001854	-9.65E-05	.000000
-4.41E-05	-0.000680	-9.65E-06	
286	-0.000659	-1.31E-05	.000000
-0.000205	-0.001356	-1.09E-05	
287	-0.002092	-5.76E-05	.000000
-0.000150	-0.000343	-6.05E-06	
288	-0.001023	-3.09E-05	.000000
-6.70E-05	-0.000817	-4.46E-06	
289	-0.001771	.000000	.000000
-4.07E-05	-0.001688	-4.17E-06	
290	.000000	.000000	.000000
-2.04E-05	-0.000749	-4.17E-06	
291	-0.001749	-9.10E-05	.000000
-1.94E-05	-0.000634	-3.47E-06	
292	-0.000611	-4.75E-05	.000000
-4.43E-05	-0.001235	-8.14E-06	
293	-0.002116	-7.49E-05	.000000
-0.000212	-0.000335	-1.48E-05	
294	-0.001049	-0.000144	.000000
-0.000168	-0.000819	-8.92E-06	
295	-0.001782	-6.99E-05	.000000
-0.000189	-0.000677	-8.59E-06	
296	-2.46E-06	-0.000151	.000000
-8.03E-05	-0.002116	-7.49E-05	
297	-0.001674	-0.000541	.000000
-9.15E-05	-0.000641	-7.94E-06	
298	-0.000598	-0.000244	.000000
-4.05E-05	-0.001264	-1.43E-05	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
339

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G1-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	92.909643	539.173876
.000000	.000000	.000000	
282	.000000	64.984645	586.193664
.000000	.000000	.000000	
283	.000000	49.302385	584.437261
.000000	.000000	.000000	
284	32.157513	47.890434	584.437754
.000000	.000000	.000000	
285	.000000	48.960639	585.857098
.000000	.000000	.000000	
286	.000000	94.254611	539.065700
.000000	.000000	.000000	
287	.000000	15.021503	59.913278
.000000	.000000	.000000	
288	.000000	23.237149	93.695364
.000000	.000000	.000000	
289	.000000	9.753553	79.034442
.000000	.000000	.000000	
290	11.495373	7.805988	79.867516
.000000	.000000	.000000	
291	.000000	9.917755	99.925559
.000000	.000000	.000000	
292	.000000	12.696803	60.451956
.000000	.000000	.000000	
293	.000000	.000000	3.203789
.000000	.000000	.000000	
294	.000000	.000000	10.862340
.000000	.000000	.000000	
295	.000000	.000000	9.229463
.000000	.000000	.000000	
296	21.573763	.000000	9.249130
.000000	.000000	.000000	
297	.000000	.000000	7.494553
.000000	.000000	.000000	
298	.000000	.000000	5.029714
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-15.622482	-29.457969
.000000	.000000	.000000	
282	.000000	-23.289324	-42.433672
.000000	.000000	.000000	
283	.000000	-9.893604	-50.516079
.000000	.000000	.000000	
284	-32.190775	-7.481389	-50.495166
.000000	.000000	.000000	
285	.000000	-10.015163	-40.826547
.000000	.000000	.000000	
286	.000000	-13.873649	-30.100606
.000000	.000000	.000000	
287	.000000	-91.929469	-21.949167
.000000	.000000	.000000	
288	.000000	-63.568634	-39.220133
.000000	.000000	.000000	
289	.000000	-48.795159	-39.188561
.000000	.000000	.000000	
290	-11.489746	-47.642277	-39.195826
.000000	.000000	.000000	
291	.000000	-48.531352	-39.165080
.000000	.000000	.000000	
292	.000000	-93.403915	-21.843448
.000000	.000000	.000000	
293	.000000	.000000	-50.996012
.000000	.000000	.000000	
294	.000000	.000000	-37.498903
.000000	.000000	.000000	
295	.000000	.000000	-30.226617
.000000	.000000	.000000	
296	-21.589590	.000000	-29.767876
.000000	.000000	.000000	
297	.000000	.000000	-34.497312
.000000	.000000	.000000	
298	.000000	.000000	-51.227311
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	104.656207	727.323816
.000000	.000000	.000000	
282	.000000	73.068213	795.883787
.000000	.000000	.000000	
283	.000000	47.134827	786.870766
.000000	.000000	.000000	
284	46.429595	42.314384	786.833110
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
340

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	46.246923	794.879484
.000000	.000000	.000000	
286	.000000	105.584415	727.287043
.000000	.000000	.000000	
287	.000000	107.133303	313.636459
.000000	.000000	.000000	
288	.000000	138.799579	374.870903
.000000	.000000	.000000	
289	.000000	124.148838	357.334506
.000000	.000000	.000000	
290	18.268992	121.944040	358.313368
.000000	.000000	.000000	
291	.000000	124.261262	381.903627
.000000	.000000	.000000	
292	.000000	104.515859	314.054373
.000000	.000000	.000000	
293	.000000	.000000	7.969991
.000000	.000000	.000000	
294	.000000	.000000	32.110719
.000000	.000000	.000000	
295	.000000	.000000	23.445253
.000000	.000000	.000000	
296	35.158449	.000000	23.407205
.000000	.000000	.000000	
297	.000000	.000000	26.569284
.000000	.000000	.000000	
298	.000000	.000000	11.347731
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-107.733965	-49.319381
.000000	.000000	.000000	
282	.000000	-139.120205	-71.401191
.000000	.000000	.000000	
283	.000000	-123.983186	-85.473759
.000000	.000000	.000000	
284	-45.480178	-121.252579	-85.495891
.000000	.000000	.000000	
285	.000000	-124.139417	-68.914358
.000000	.000000	.000000	
286	.000000	-105.918998	-50.285652
.000000	.000000	.000000	
287	.000000	-103.101296	-33.560235
.000000	.000000	.000000	
288	.000000	-71.448304	-46.663231
.000000	.000000	.000000	
289	.000000	-46.416458	-65.087563
.000000	.000000	.000000	
290	-18.222336	-42.532236	-65.145605
.000000	.000000	.000000	
291	.000000	-46.355465	-51.603041
.000000	.000000	.000000	
292	.000000	-104.359320	-30.181826
.000000	.000000	.000000	
293	.000000	.000000	-82.887231
.000000	.000000	.000000	
294	.000000	.000000	-70.750888
.000000	.000000	.000000	
295	.000000	.000000	-61.459519
.000000	.000000	.000000	
296	-35.177990	.000000	-60.890853
.000000	.000000	.000000	
297	.000000	.000000	-66.591862
.000000	.000000	.000000	
298	.000000	.000000	-83.100092
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	96.543771	688.439589
.000000	.000000	.000000	
282	.000000	71.142065	779.120005
.000000	.000000	.000000	
283	.000000	42.088265	754.957167
.000000	.000000	.000000	
284	45.924929	37.819273	754.932266
.000000	.000000	.000000	
285	.000000	41.419132	777.174624
.000000	.000000	.000000	
286	.000000	95.955700	688.214726
.000000	.000000	.000000	
287	.000000	83.686303	680.797991
.000000	.000000	.000000	
288	.000000	113.331009	797.533932
.000000	.000000	.000000	
289	.000000	88.984890	781.554004
.000000	.000000	.000000	
290	30.089217	86.027069	782.452650
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
341

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	89.238439	804.225333
.000000	.000000	.000000	
292	.000000	78.261877	681.546720
.000000	.000000	.000000	
293	.000000	.000000	66.309250
.000000	.000000	.000000	
294	.000000	.000000	127.042763
.000000	.000000	.000000	
295	.000000	.000000	102.646826
.000000	.000000	.000000	
296	36.764007	.000000	102.701788
.000000	.000000	.000000	
297	.000000	.000000	120.330234
.000000	.000000	.000000	
298	.000000	.000000	68.855332
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-83.905923	-56.680728
.000000	.000000	.000000	
282	.000000	-115.346323	-83.800372
.000000	.000000	.000000	
283	.000000	-89.221244	-102.400956
.000000	.000000	.000000	
284	-45.449717	-86.134876	-102.441865
.000000	.000000	.000000	
285	.000000	-89.233752	-81.087529
.000000	.000000	.000000	
286	.000000	-79.335123	-57.824579
.000000	.000000	.000000	
287	.000000	-95.250995	-44.080627
.000000	.000000	.000000	
288	.000000	-69.592251	-62.451180
.000000	.000000	.000000	
289	.000000	-41.530837	-86.450257
.000000	.000000	.000000	
290	-30.023641	-37.999247	-86.560038
.000000	.000000	.000000	
291	.000000	-41.615988	-67.869243
.000000	.000000	.000000	
292	.000000	-94.862810	-40.160323
.000000	.000000	.000000	
293	.000000	.000000	-80.038332
.000000	.000000	.000000	
294	.000000	.000000	-81.141525
.000000	.000000	.000000	
295	.000000	.000000	-79.933650
.000000	.000000	.000000	
296	-36.776974	.000000	-79.371385
.000000	.000000	.000000	
297	.000000	.000000	-76.597460
.000000	.000000	.000000	
298	.000000	.000000	-81.158693
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	129.457083	576.361501
.000000	.000000	.000000	
282	.000000	121.332509	656.183900
.000000	.000000	.000000	
283	.000000	97.909027	634.744172
.000000	.000000	.000000	
284	49.837381	93.733578	634.750302
.000000	.000000	.000000	
285	.000000	97.340680	654.114468
.000000	.000000	.000000	
286	.000000	130.150603	576.341019
.000000	.000000	.000000	
287	.000000	81.336972	735.935202
.000000	.000000	.000000	
288	.000000	108.078514	853.353433
.000000	.000000	.000000	
289	.000000	82.621289	837.625857
.000000	.000000	.000000	
290	28.561057	78.457455	838.224843
.000000	.000000	.000000	
291	.000000	83.481893	859.656390
.000000	.000000	.000000	
292	.000000	75.950041	736.947766
.000000	.000000	.000000	
293	.000000	.000000	263.440148
.000000	.000000	.000000	
294	.000000	.000000	336.290569
.000000	.000000	.000000	
295	.000000	.000000	311.479524
.000000	.000000	.000000	
296	41.451199	.000000	311.586596
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
342

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
297	.000000	.000000	330.288221
.000000	.000000	.000000	
298	.000000	.000000	265.352001
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-81.142859	-81.379208
.000000	.000000	.000000	
282	.000000	-110.604016	-109.280364
.000000	.000000	.000000	
283	.000000	-82.830838	-124.051867
.000000	.000000	.000000	
284	-49.503152	-78.711746	-124.092579
.000000	.000000	.000000	
285	.000000	-84.001911	-107.066385
.000000	.000000	.000000	
286	.000000	-76.530808	-82.461708
.000000	.000000	.000000	
287	.000000	-128.358829	-47.354108
.000000	.000000	.000000	
288	.000000	-120.207681	-68.208825
.000000	.000000	.000000	
289	.000000	-97.664613	-93.825134
.000000	.000000	.000000	
290	-28.500673	-94.076973	-93.935355
.000000	.000000	.000000	
291	.000000	-97.663915	-72.981197
.000000	.000000	.000000	
292	.000000	-129.269477	-43.635192
.000000	.000000	.000000	
293	.000000	.000000	-82.394452
.000000	.000000	.000000	
294	.000000	.000000	-93.482270
.000000	.000000	.000000	
295	.000000	.000000	-97.502270
.000000	.000000	.000000	
296	-41.403496	.000000	-97.034783
.000000	.000000	.000000	
297	.000000	.000000	-89.488447
.000000	.000000	.000000	
298	.000000	.000000	-83.632850
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	8.690480	135.538435
.000000	.000000	.000000	
282	.000000	10.861915	163.277528
.000000	.000000	.000000	
283	.000000	1.002769	148.729021
.000000	.000000	.000000	
284	10.902041	0.638261	148.680827
.000000	.000000	.000000	
285	.000000	0.601366	162.147068
.000000	.000000	.000000	
286	.000000	7.107731	135.510508
.000000	.000000	.000000	
287	.000000	105.762082	389.272651
.000000	.000000	.000000	
288	.000000	127.334978	435.495468
.000000	.000000	.000000	
289	.000000	128.872208	434.562515
.000000	.000000	.000000	
290	12.162011	128.804352	434.531585
.000000	.000000	.000000	
291	.000000	128.774103	434.998142
.000000	.000000	.000000	
292	.000000	105.400461	389.100878
.000000	.000000	.000000	
293	.000000	.000000	18.255337
.000000	.000000	.000000	
294	.000000	.000000	49.437237
.000000	.000000	.000000	
295	.000000	.000000	36.051270
.000000	.000000	.000000	
296	12.856400	.000000	35.995718
.000000	.000000	.000000	
297	.000000	.000000	47.070480
.000000	.000000	.000000	
298	.000000	.000000	18.799777
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G2-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-105.608114	-19.932318
.000000	.000000	.000000	
282	.000000	-127.552464	-29.679582
.000000	.000000	.000000	
283	.000000	-128.392870	-36.617063
.000000	.000000	.000000	
284	-10.040960	-128.342736	-36.666131
.000000	.000000	.000000	
285	.000000	-128.414468	-28.827009
.000000	.000000	.000000	
286	.000000	-105.401745	-20.275208
.000000	.000000	.000000	
287	.000000	-8.320770	-16.643437
.000000	.000000	.000000	
288	.000000	-10.791380	-24.028879
.000000	.000000	.000000	
289	.000000	-0.783631	-32.887702
.000000	.000000	.000000	
290	-12.114812	-0.821054	-33.003316
.000000	.000000	.000000	
291	.000000	-0.755290	-25.725557
.000000	.000000	.000000	
292	.000000	-6.833023	-15.413762
.000000	.000000	.000000	
293	.000000	.000000	-23.921773
.000000	.000000	.000000	
294	.000000	.000000	-31.035124
.000000	.000000	.000000	
295	.000000	.000000	-33.550954
.000000	.000000	.000000	
296	-12.857021	.000000	-33.490917
.000000	.000000	.000000	
297	.000000	.000000	-30.495085
.000000	.000000	.000000	
298	.000000	.000000	-23.823486
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	47.374399	148.177464
.000000	.000000	.000000	
282	.000000	62.939846	199.239771
.000000	.000000	.000000	
283	.000000	50.394571	171.211111
.000000	.000000	.000000	
284	19.129681	49.490206	171.207690
.000000	.000000	.000000	
285	.000000	50.248258	197.102153
.000000	.000000	.000000	
286	.000000	45.812615	148.131190
.000000	.000000	.000000	
287	.000000	83.855444	796.821335
.000000	.000000	.000000	
288	.000000	109.465148	904.634096
.000000	.000000	.000000	
289	.000000	96.480553	903.910050
.000000	.000000	.000000	
290	24.105792	94.755259	903.898639
.000000	.000000	.000000	
291	.000000	96.741265	904.711676
.000000	.000000	.000000	
292	.000000	80.240076	797.244210
.000000	.000000	.000000	
293	.000000	.000000	128.479229
.000000	.000000	.000000	
294	.000000	.000000	198.450084
.000000	.000000	.000000	
295	.000000	.000000	167.367662
.000000	.000000	.000000	
296	18.220429	.000000	167.493605
.000000	.000000	.000000	
297	.000000	.000000	194.555634
.000000	.000000	.000000	
298	.000000	.000000	128.563685
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-83.223519	-51.037163
.000000	.000000	.000000	
282	.000000	-111.991100	-71.662788
.000000	.000000	.000000	
283	.000000	-96.544697	-82.697063
.000000	.000000	.000000	
284	-18.529421	-95.275329	-82.755599
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	-96.878550	-70.667968
.000000	.000000	.000000	
286	.000000	-79.883812	-51.645396
.000000	.000000	.000000	
287	.000000	-47.127955	-31.218471
.000000	.000000	.000000	
288	.000000	-62.964998	-45.745193
.000000	.000000	.000000	
289	.000000	-50.271510	-62.411295
.000000	.000000	.000000	
290	-24.038761	-49.517192	-62.562849
.000000	.000000	.000000	
291	.000000	-50.281291	-48.213455
.000000	.000000	.000000	
292	.000000	-45.660931	-29.148395
.000000	.000000	.000000	
293	.000000	.000000	-36.775612
.000000	.000000	.000000	
294	.000000	.000000	-58.528634
.000000	.000000	.000000	
295	.000000	.000000	-68.372001
.000000	.000000	.000000	
296	-18.187407	.000000	-68.291953
.000000	.000000	.000000	
297	.000000	.000000	-57.074846
.000000	.000000	.000000	
298	.000000	.000000	-37.898628
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	89.505843	498.684351
.000000	.000000	.000000	
282	.000000	84.188204	576.845673
.000000	.000000	.000000	
283	.000000	63.054749	551.136732
.000000	.000000	.000000	
284	38.629604	59.627048	551.130470
.000000	.000000	.000000	
285	.000000	63.292756	574.938929
.000000	.000000	.000000	
286	.000000	88.915674	498.645941
.000000	.000000	.000000	
287	.000000	99.036976	799.804922
.000000	.000000	.000000	
288	.000000	145.440032	918.471643
.000000	.000000	.000000	
289	.000000	131.711148	908.525153
.000000	.000000	.000000	
290	27.095951	129.729635	909.170677
.000000	.000000	.000000	
291	.000000	131.781125	923.507965
.000000	.000000	.000000	
292	.000000	95.749077	800.491109
.000000	.000000	.000000	
293	.000000	.000000	117.570528
.000000	.000000	.000000	
294	.000000	.000000	186.491814
.000000	.000000	.000000	
295	.000000	.000000	157.993931
.000000	.000000	.000000	
296	32.850975	.000000	158.120030
.000000	.000000	.000000	
297	.000000	.000000	180.466400
.000000	.000000	.000000	
298	.000000	.000000	119.670594
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-98.379577	-68.560397
.000000	.000000	.000000	
282	.000000	-148.040000	-97.152388
.000000	.000000	.000000	
283	.000000	-132.005375	-113.382134
.000000	.000000	.000000	
284	-38.291369	-130.374150	-113.441993
.000000	.000000	.000000	
285	.000000	-132.108099	-95.077071
.000000	.000000	.000000	
286	.000000	-95.392422	-69.552444
.000000	.000000	.000000	
287	.000000	-88.525839	-43.121693
.000000	.000000	.000000	
288	.000000	-83.317032	-61.915161
.000000	.000000	.000000	
289	.000000	-62.861690	-85.205055
.000000	.000000	.000000	
290	-27.018074	-59.989847	-85.358021
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	-64.548392	-66.479370
.000000	.000000	.000000	
292	.000000	-88.207549	-39.675711
.000000	.000000	.000000	
293	.000000	.000000	-68.533336
.000000	.000000	.000000	
294	.000000	.000000	-78.984518
.000000	.000000	.000000	
295	.000000	.000000	-81.926285
.000000	.000000	.000000	
296	-32.834254	.000000	-81.512401
.000000	.000000	.000000	
297	.000000	.000000	-75.121407
.000000	.000000	.000000	
298	.000000	.000000	-69.759823
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	88.238117	418.352245
.000000	.000000	.000000	
282	.000000	87.769905	485.188481
.000000	.000000	.000000	
283	.000000	70.365197	465.093295
.000000	.000000	.000000	
284	44.903001	67.312775	465.098267
.000000	.000000	.000000	
285	.000000	70.432763	483.273055
.000000	.000000	.000000	
286	.000000	88.460391	418.400934
.000000	.000000	.000000	
287	.000000	99.405565	734.606021
.000000	.000000	.000000	
288	.000000	138.201457	846.916819
.000000	.000000	.000000	
289	.000000	121.687886	831.706523
.000000	.000000	.000000	
290	26.150178	118.082010	831.880634
.000000	.000000	.000000	
291	.000000	122.601881	852.120568
.000000	.000000	.000000	
292	.000000	95.555097	735.487709
.000000	.000000	.000000	
293	.000000	.000000	396.297449
.000000	.000000	.000000	
294	.000000	.000000	479.322785
.000000	.000000	.000000	
295	.000000	.000000	455.583236
.000000	.000000	.000000	
296	42.804106	.000000	455.677241
.000000	.000000	.000000	
297	.000000	.000000	474.228375
.000000	.000000	.000000	
298	.000000	.000000	397.928395
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-98.487167	-76.061490
.000000	.000000	.000000	
282	.000000	-141.424577	-99.154198
.000000	.000000	.000000	
283	.000000	-122.035331	-109.970762
.000000	.000000	.000000	
284	-44.687374	-118.879786	-110.169127
.000000	.000000	.000000	
285	.000000	-123.395030	-97.116271
.000000	.000000	.000000	
286	.000000	-94.974319	-76.989438
.000000	.000000	.000000	
287	.000000	-87.367379	-46.495133
.000000	.000000	.000000	
288	.000000	-87.047431	-67.864174
.000000	.000000	.000000	
289	.000000	-70.384485	-92.755363
.000000	.000000	.000000	
290	-26.088671	-67.755963	-92.913236
.000000	.000000	.000000	
291	.000000	-71.627273	-71.789720
.000000	.000000	.000000	
292	.000000	-87.818633	-43.277012
.000000	.000000	.000000	
293	.000000	.000000	-74.329277
.000000	.000000	.000000	
294	.000000	.000000	-93.453762
.000000	.000000	.000000	
295	.000000	.000000	-101.153132
.000000	.000000	.000000	
296	-42.726222	.000000	-100.807527
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
297	.000000	.000000	-90.072546
.000000	.000000	.000000	
298	.000000	.000000	-75.598318
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	5.974130	4.413863
.000000	.000000	.000000	
282	.000000	9.727586	7.894590
.000000	.000000	.000000	
283	.000000	9.909166	9.057095
.000000	.000000	.000000	
284	20.201466	8.293404	9.073819
.000000	.000000	.000000	
285	.000000	9.818490	7.419584
.000000	.000000	.000000	
286	.000000	7.333917	4.485350
.000000	.000000	.000000	
287	.000000	33.475022	53.608419
.000000	.000000	.000000	
288	.000000	30.972594	86.568545
.000000	.000000	.000000	
289	.000000	24.203379	72.252824
.000000	.000000	.000000	
290	9.225806	20.978597	71.706235
.000000	.000000	.000000	
291	.000000	25.217117	88.202451
.000000	.000000	.000000	
292	.000000	31.721773	54.056230
.000000	.000000	.000000	
293	.000000	.000000	529.062263
.000000	.000000	.000000	
294	.000000	.000000	579.243213
.000000	.000000	.000000	
295	.000000	.000000	577.852300
.000000	.000000	.000000	
296	26.817082	.000000	577.867206
.000000	.000000	.000000	
297	.000000	.000000	579.175355
.000000	.000000	.000000	
298	.000000	.000000	528.964348
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-32.919471	-28.316053
.000000	.000000	.000000	
282	.000000	-32.325439	-26.095975
.000000	.000000	.000000	
283	.000000	-24.350866	-20.881092
.000000	.000000	.000000	
284	-20.306388	-21.373548	-21.222046
.000000	.000000	.000000	
285	.000000	-26.007012	-25.433263
.000000	.000000	.000000	
286	.000000	-31.311566	-28.437610
.000000	.000000	.000000	
287	.000000	-6.094470	-16.092576
.000000	.000000	.000000	
288	.000000	-9.628207	-27.062065
.000000	.000000	.000000	
289	.000000	-9.501338	-33.193306
.000000	.000000	.000000	
290	-9.236489	-7.737568	-33.256311
.000000	.000000	.000000	
291	.000000	-9.667167	-27.166405
.000000	.000000	.000000	
292	.000000	-7.867181	-15.654977
.000000	.000000	.000000	
293	.000000	.000000	-27.178034
.000000	.000000	.000000	
294	.000000	.000000	-43.235332
.000000	.000000	.000000	
295	.000000	.000000	-51.477840
.000000	.000000	.000000	
296	-26.704308	.000000	-51.472413
.000000	.000000	.000000	
297	.000000	.000000	-43.004816
.000000	.000000	.000000	
298	.000000	.000000	-27.517466
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DB-G3-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	72.560030	12.974249
.000000	.000000	.000000	
282	.000000	98.315457	29.199480
.000000	.000000	.000000	
283	.000000	99.398482	23.601603
.000000	.000000	.000000	
284	32.193121	97.484746	23.662808
.000000	.000000	.000000	
285	.000000	99.309946	28.007294
.000000	.000000	.000000	
286	.000000	75.742149	13.185507
.000000	.000000	.000000	
287	.000000	42.859736	352.145590
.000000	.000000	.000000	
288	.000000	46.768355	427.176171
.000000	.000000	.000000	
289	.000000	33.266260	411.674485
.000000	.000000	.000000	
290	16.515637	28.442456	411.044243
.000000	.000000	.000000	
291	.000000	34.746550	429.560342
.000000	.000000	.000000	
292	.000000	40.417943	353.159800
.000000	.000000	.000000	
293	.000000	.000000	681.251650
.000000	.000000	.000000	
294	.000000	.000000	761.191624
.000000	.000000	.000000	
295	.000000	.000000	747.826017
.000000	.000000	.000000	
296	34.389719	.000000	747.990417
.000000	.000000	.000000	
297	.000000	.000000	760.121207
.000000	.000000	.000000	
298	.000000	.000000	680.852876
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-41.805195	-73.791383
.000000	.000000	.000000	
282	.000000	-49.155010	-85.229114
.000000	.000000	.000000	
283	.000000	-33.382304	-79.680379
.000000	.000000	.000000	
284	-32.324428	-29.000071	-80.043131
.000000	.000000	.000000	
285	.000000	-36.093160	-84.735960
.000000	.000000	.000000	
286	.000000	-39.708094	-74.104198
.000000	.000000	.000000	
287	.000000	-72.686337	-28.890087
.000000	.000000	.000000	
288	.000000	-98.431210	-44.188571
.000000	.000000	.000000	
289	.000000	-99.679621	-59.264495
.000000	.000000	.000000	
290	-16.511639	-97.589991	-59.349880
.000000	.000000	.000000	
291	.000000	-99.688997	-44.794235
.000000	.000000	.000000	
292	.000000	-76.275756	-27.788418
.000000	.000000	.000000	
293	.000000	.000000	-43.943296
.000000	.000000	.000000	
294	.000000	.000000	-71.549936
.000000	.000000	.000000	
295	.000000	.000000	-85.430238
.000000	.000000	.000000	
296	-34.228911	.000000	-85.418525
.000000	.000000	.000000	
297	.000000	.000000	-70.976365
.000000	.000000	.000000	
298	.000000	.000000	-44.713347
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	40.024848	81.884203
.000000	.000000	.000000	
282	.000000	56.966628	125.906667
.000000	.000000	.000000	
283	.000000	48.548250	104.327474
.000000	.000000	.000000	
284	32.960389	46.400814	104.353481
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	48.464513	123.742996
.000000	.000000	.000000	
286	.000000	40.204108	81.893754
.000000	.000000	.000000	
287	.000000	65.426373	692.511010
.000000	.000000	.000000	
288	.000000	74.447333	813.083157
.000000	.000000	.000000	
289	.000000	54.815606	798.513388
.000000	.000000	.000000	
290	28.057464	49.952512	797.923438
.000000	.000000	.000000	
291	.000000	56.241464	815.074900
.000000	.000000	.000000	
292	.000000	60.285414	693.476999
.000000	.000000	.000000	
293	.000000	.000000	640.624425
.000000	.000000	.000000	
294	.000000	.000000	747.899585
.000000	.000000	.000000	
295	.000000	.000000	721.533822
.000000	.000000	.000000	
296	38.931320	.000000	721.675280
.000000	.000000	.000000	
297	.000000	.000000	745.008672
.000000	.000000	.000000	
298	.000000	.000000	640.008367
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-64.307685	-67.529608
.000000	.000000	.000000	
282	.000000	-77.959744	-80.928151
.000000	.000000	.000000	
283	.000000	-55.106918	-83.653613
.000000	.000000	.000000	
284	-33.095452	-50.915668	-84.014537
.000000	.000000	.000000	
285	.000000	-57.227977	-79.637128
.000000	.000000	.000000	
286	.000000	-59.498328	-68.115800
.000000	.000000	.000000	
287	.000000	-40.120642	-40.046229
.000000	.000000	.000000	
288	.000000	-56.885848	-60.240691
.000000	.000000	.000000	
289	.000000	-47.991009	-81.286127
.000000	.000000	.000000	
290	-28.021256	-46.428307	-81.449090
.000000	.000000	.000000	
291	.000000	-48.198814	-62.023708
.000000	.000000	.000000	
292	.000000	-40.707941	-38.086136
.000000	.000000	.000000	
293	.000000	.000000	-49.568383
.000000	.000000	.000000	
294	.000000	.000000	-85.260726
.000000	.000000	.000000	
295	.000000	.000000	-102.943676
.000000	.000000	.000000	
296	-38.788971	.000000	-102.882081
.000000	.000000	.000000	
297	.000000	.000000	-83.943826
.000000	.000000	.000000	
298	.000000	.000000	-50.999350
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	56.636362	303.164051
.000000	.000000	.000000	
282	.000000	60.824029	360.578400
.000000	.000000	.000000	
283	.000000	46.751502	340.691332
.000000	.000000	.000000	
284	42.571725	43.602281	340.694060
.000000	.000000	.000000	
285	.000000	46.960590	358.636037
.000000	.000000	.000000	
286	.000000	56.934709	303.235579
.000000	.000000	.000000	
287	.000000	124.615270	715.005297
.000000	.000000	.000000	
288	.000000	159.748171	831.014922
.000000	.000000	.000000	
289	.000000	143.505318	814.389882
.000000	.000000	.000000	
290	27.155520	139.295782	814.218157
.000000	.000000	.000000	

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	144.595452	834.976669
.000000	.000000	.000000	
292	.000000	120.436584	715.782539
.000000	.000000	.000000	
293	.000000	.000000	535.341758
.000000	.000000	.000000	
294	.000000	.000000	631.307525
.000000	.000000	.000000	
295	.000000	.000000	607.062520
.000000	.000000	.000000	
296	45.289805	.000000	607.160097
.000000	.000000	.000000	
297	.000000	.000000	626.933697
.000000	.000000	.000000	
298	.000000	.000000	536.443474
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-123.617599	-73.893065
.000000	.000000	.000000	
282	.000000	-163.181992	-93.041022
.000000	.000000	.000000	
283	.000000	-143.910071	-100.490616
.000000	.000000	.000000	
284	-42.291329	-140.215157	-100.815680
.000000	.000000	.000000	
285	.000000	-145.557051	-91.088450
.000000	.000000	.000000	
286	.000000	-119.822136	-74.696500
.000000	.000000	.000000	
287	.000000	-56.130663	-45.792750
.000000	.000000	.000000	
288	.000000	-60.289631	-67.595713
.000000	.000000	.000000	
289	.000000	-46.250085	-91.880330
.000000	.000000	.000000	
290	-27.100612	-43.856660	-92.069225
.000000	.000000	.000000	
291	.000000	-47.444268	-70.824027
.000000	.000000	.000000	
292	.000000	-56.972426	-42.986549
.000000	.000000	.000000	
293	.000000	.000000	-70.288773
.000000	.000000	.000000	
294	.000000	.000000	-96.056453
.000000	.000000	.000000	
295	.000000	.000000	-107.186792
.000000	.000000	.000000	
296	-45.178587	.000000	-106.946617
.000000	.000000	.000000	
297	.000000	.000000	-93.347914
.000000	.000000	.000000	
298	.000000	.000000	-71.533133
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	138.517468	579.661932
.000000	.000000	.000000	
282	.000000	133.727448	1178.859
.000000	.000000	.000000	
283	.000000	117.136029	1139.331
.000000	.000000	.000000	
284	48.861104	115.409591	1140.048
.000000	.000000	.000000	
285	.000000	123.534073	1174.944
.000000	.000000	.000000	
286	.000000	132.638367	581.373929
.000000	.000000	.000000	
287	.000000	27.958198	78.266233
.000000	.000000	.000000	
288	.000000	31.303393	172.942091
.000000	.000000	.000000	
289	.000000	17.211840	164.513408
.000000	.000000	.000000	
290	19.142303	14.208712	164.252611
.000000	.000000	.000000	
291	.000000	12.698360	183.599398
.000000	.000000	.000000	
292	.000000	19.093473	73.232356
.000000	.000000	.000000	
293	.000000	.000000	4.927825
.000000	.000000	.000000	
294	.000000	.000000	15.180224
.000000	.000000	.000000	
295	.000000	.000000	13.213461
.000000	.000000	.000000	
296	30.589361	.000000	13.242687
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
297	.000000	.000000	10.563107
.000000	.000000	.000000	
298	.000000	.000000	7.941996
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-29.701945	-39.218993
.000000	.000000	.000000	
282	.000000	-31.570787	-59.803274
.000000	.000000	.000000	
283	.000000	-16.077574	-110.503499
.000000	.000000	.000000	
284	-55.165164	-13.162081	-111.109112
.000000	.000000	.000000	
285	.000000	-12.585400	-56.361034
.000000	.000000	.000000	
286	.000000	-20.534123	-41.485880
.000000	.000000	.000000	
287	.000000	-136.090330	-41.909876
.000000	.000000	.000000	
288	.000000	-133.816687	-53.605054
.000000	.000000	.000000	
289	.000000	-117.951640	-95.422610
.000000	.000000	.000000	
290	-17.228482	-116.296457	-94.645259
.000000	.000000	.000000	
291	.000000	-124.606163	-59.552247
.000000	.000000	.000000	
292	.000000	-130.717677	-35.938856
.000000	.000000	.000000	
293	.000000	.000000	-67.065778
.000000	.000000	.000000	
294	.000000	.000000	-80.904842
.000000	.000000	.000000	
295	.000000	.000000	-84.072588
.000000	.000000	.000000	
296	-29.526259	.000000	-83.993363
.000000	.000000	.000000	
297	.000000	.000000	-77.906993
.000000	.000000	.000000	
298	.000000	.000000	-70.320783
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	156.392247	794.987194
.000000	.000000	.000000	
282	.000000	134.042334	1638.467
.000000	.000000	.000000	
283	.000000	101.163270	1578.329
.000000	.000000	.000000	
284	75.206672	97.413189	1579.277
.000000	.000000	.000000	
285	.000000	107.751709	1632.760
.000000	.000000	.000000	
286	.000000	145.709460	797.959966
.000000	.000000	.000000	
287	.000000	112.804668	350.176850
.000000	.000000	.000000	
288	.000000	188.270585	719.491510
.000000	.000000	.000000	
289	.000000	166.532891	700.361937
.000000	.000000	.000000	
290	27.850378	163.531479	699.855972
.000000	.000000	.000000	
291	.000000	158.861661	734.420476
.000000	.000000	.000000	
292	.000000	99.878650	341.707122
.000000	.000000	.000000	
293	.000000	.000000	10.213969
.000000	.000000	.000000	
294	.000000	.000000	49.358985
.000000	.000000	.000000	
295	.000000	.000000	42.027753
.000000	.000000	.000000	
296	48.239888	.000000	41.971411
.000000	.000000	.000000	
297	.000000	.000000	41.392642
.000000	.000000	.000000	
298	.000000	.000000	16.290107
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G1-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-115.010095	-65.525628
.000000	.000000	.000000	
282	.000000	-189.735382	-100.408169
.000000	.000000	.000000	
283	.000000	-164.214622	-185.522907
.000000	.000000	.000000	
284	-72.728359	-161.582296	-186.515442
.000000	.000000	.000000	
285	.000000	-158.882774	-95.174004
.000000	.000000	.000000	
286	.000000	-101.826013	-68.955349
.000000	.000000	.000000	
287	.000000	-152.817542	-50.591552
.000000	.000000	.000000	
288	.000000	-134.087502	-63.866834
.000000	.000000	.000000	
289	.000000	-102.019744	-143.904261
.000000	.000000	.000000	
290	-28.588393	-98.692742	-143.116795
.000000	.000000	.000000	
291	.000000	-109.220104	-75.339668
.000000	.000000	.000000	
292	.000000	-142.971657	-40.273596
.000000	.000000	.000000	
293	.000000	.000000	-105.574388
.000000	.000000	.000000	
294	.000000	.000000	-134.510490
.000000	.000000	.000000	
295	.000000	.000000	-152.446328
.000000	.000000	.000000	
296	-47.692314	.000000	-152.184497
.000000	.000000	.000000	
297	.000000	.000000	-128.533263
.000000	.000000	.000000	
298	.000000	.000000	-110.834819
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	148.638432	760.510437
.000000	.000000	.000000	
282	.000000	133.678116	1584.720
.000000	.000000	.000000	
283	.000000	97.746022	1517.154
.000000	.000000	.000000	
284	71.920284	93.551000	1518.045
.000000	.000000	.000000	
285	.000000	102.563301	1578.051
.000000	.000000	.000000	
286	.000000	137.357950	763.639055
.000000	.000000	.000000	
287	.000000	101.295330	715.845497
.000000	.000000	.000000	
288	.000000	170.890447	1442.167
.000000	.000000	.000000	
289	.000000	134.800394	1413.192
.000000	.000000	.000000	
290	38.163320	131.170989	1412.880
.000000	.000000	.000000	
291	.000000	129.217037	1458.682
.000000	.000000	.000000	
292	.000000	84.557271	706.681100
.000000	.000000	.000000	
293	.000000	.000000	88.893781
.000000	.000000	.000000	
294	.000000	.000000	256.957620
.000000	.000000	.000000	
295	.000000	.000000	232.841770
.000000	.000000	.000000	
296	48.254257	.000000	232.699289
.000000	.000000	.000000	
297	.000000	.000000	247.532195
.000000	.000000	.000000	
298	.000000	.000000	95.347437
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-102.808341	-77.205993
.000000	.000000	.000000	
282	.000000	-173.852365	-120.696846
.000000	.000000	.000000	
283	.000000	-134.106407	-224.535786
.000000	.000000	.000000	
284	-69.820586	-130.720576	-225.453417
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	-130.220517	-114.941605
.000000	.000000	.000000	
286	.000000	-86.013112	-81.045639
.000000	.000000	.000000	
287	.000000	-145.403361	-66.285307
.000000	.000000	.000000	
288	.000000	-133.528799	-85.744121
.000000	.000000	.000000	
289	.000000	-96.994582	-191.480340
.000000	.000000	.000000	
290	-38.699199	-93.549523	-190.943726
.000000	.000000	.000000	
291	.000000	-103.600665	-98.714586
.000000	.000000	.000000	
292	.000000	-134.801288	-54.586540
.000000	.000000	.000000	
293	.000000	.000000	-106.662439
.000000	.000000	.000000	
294	.000000	.000000	-149.649464
.000000	.000000	.000000	
295	.000000	.000000	-197.053682
.000000	.000000	.000000	
296	-47.777891	.000000	-196.666014
.000000	.000000	.000000	
297	.000000	.000000	-142.813780
.000000	.000000	.000000	
298	.000000	.000000	-113.186408
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	159.454588	637.531002
.000000	.000000	.000000	
282	.000000	178.836583	1330.183
.000000	.000000	.000000	
283	.000000	149.108806	1274.130
.000000	.000000	.000000	
284	75.953317	144.860880	1274.843
.000000	.000000	.000000	
285	.000000	150.256729	1323.939
.000000	.000000	.000000	
286	.000000	151.882918	640.378008
.000000	.000000	.000000	
287	.000000	97.773262	766.717984
.000000	.000000	.000000	
288	.000000	162.188678	1556.830
.000000	.000000	.000000	
289	.000000	123.432735	1525.200
.000000	.000000	.000000	
290	36.877109	119.033625	1525.125
.000000	.000000	.000000	
291	.000000	121.046305	1572.317
.000000	.000000	.000000	
292	.000000	83.244918	758.770522
.000000	.000000	.000000	
293	.000000	.000000	299.953375
.000000	.000000	.000000	
294	.000000	.000000	700.331729
.000000	.000000	.000000	
295	.000000	.000000	660.900124
.000000	.000000	.000000	
296	54.462230	.000000	660.743733
.000000	.000000	.000000	
297	.000000	.000000	691.364548
.000000	.000000	.000000	
298	.000000	.000000	305.692769
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-98.214784	-101.706589
.000000	.000000	.000000	
282	.000000	-165.463154	-160.415579
.000000	.000000	.000000	
283	.000000	-123.385438	-259.112649
.000000	.000000	.000000	
284	-76.506448	-119.169561	-259.806834
.000000	.000000	.000000	
285	.000000	-122.408593	-155.342191
.000000	.000000	.000000	
286	.000000	-83.730590	-105.285492
.000000	.000000	.000000	
287	.000000	-157.197705	-69.469392
.000000	.000000	.000000	
288	.000000	-178.692400	-92.587606
.000000	.000000	.000000	
289	.000000	-148.000951	-203.709596
.000000	.000000	.000000	
290	-36.582251	-144.555351	-203.466920
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	-151.320617	-104.396669
.000000	.000000	.000000	
292	.000000	-150.121257	-58.750118
.000000	.000000	.000000	
293	.000000	.000000	-109.522495
.000000	.000000	.000000	
294	.000000	.000000	-160.074281
.000000	.000000	.000000	
295	.000000	.000000	-230.447146
.000000	.000000	.000000	
296	-53.957176	.000000	-230.075696
.000000	.000000	.000000	
297	.000000	.000000	-153.671613
.000000	.000000	.000000	
298	.000000	.000000	-115.771714
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	15.047095	165.180808
.000000	.000000	.000000	
282	.000000	16.574396	364.591657
.000000	.000000	.000000	
283	.000000	0.902586	343.130902
.000000	.000000	.000000	
284	24.381202	0.510607	343.310613
.000000	.000000	.000000	
285	.000000	0.461987	362.688816
.000000	.000000	.000000	
286	.000000	9.923255	166.330606
.000000	.000000	.000000	
287	.000000	93.828889	389.412866
.000000	.000000	.000000	
288	.000000	179.130311	774.773190
.000000	.000000	.000000	
289	.000000	170.034772	761.664406
.000000	.000000	.000000	
290	15.219025	170.400644	761.485834
.000000	.000000	.000000	
291	.000000	167.665447	778.484938
.000000	.000000	.000000	
292	.000000	89.513621	386.074156
.000000	.000000	.000000	
293	.000000	.000000	19.497117
.000000	.000000	.000000	
294	.000000	.000000	84.743757
.000000	.000000	.000000	
295	.000000	.000000	74.137067
.000000	.000000	.000000	
296	15.923539	.000000	74.012834
.000000	.000000	.000000	
297	.000000	.000000	81.288155
.000000	.000000	.000000	
298	.000000	.000000	21.737545
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-93.949276	-26.705472
.000000	.000000	.000000	
282	.000000	-180.554644	-41.712999
.000000	.000000	.000000	
283	.000000	-168.955896	-78.093790
.000000	.000000	.000000	
284	-15.260456	-169.464638	-78.408117
.000000	.000000	.000000	
285	.000000	-167.908445	-40.009816
.000000	.000000	.000000	
286	.000000	-89.763342	-27.832591
.000000	.000000	.000000	
287	.000000	-14.222376	-24.322599
.000000	.000000	.000000	
288	.000000	-16.336074	-32.153430
.000000	.000000	.000000	
289	.000000	-0.757193	-71.183933
.000000	.000000	.000000	
290	-17.907731	-0.754477	-71.318068
.000000	.000000	.000000	
291	.000000	-0.703918	-36.359116
.000000	.000000	.000000	
292	.000000	-9.289468	-20.743668
.000000	.000000	.000000	
293	.000000	.000000	-32.357548
.000000	.000000	.000000	
294	.000000	.000000	-52.064702
.000000	.000000	.000000	
295	.000000	.000000	-74.384532
.000000	.000000	.000000	
296	-16.533023	.000000	-74.183068
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
297	.000000	.000000	-49.229260
.000000	.000000	.000000	
298	.000000	.000000	-34.334390
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	46.322748	182.793684
.000000	.000000	.000000	
282	.000000	76.488721	415.521619
.000000	.000000	.000000	
283	.000000	55.009412	384.525462
.000000	.000000	.000000	
284	31.690146	53.380189	384.699931
.000000	.000000	.000000	
285	.000000	52.360779	412.126971
.000000	.000000	.000000	
286	.000000	41.064510	184.320320
.000000	.000000	.000000	
287	.000000	83.210462	794.528392
.000000	.000000	.000000	
288	.000000	158.627446	1584.284
.000000	.000000	.000000	
289	.000000	131.299441	1559.462
.000000	.000000	.000000	
290	27.605550	130.171384	1559.546
.000000	.000000	.000000	
291	.000000	131.075841	1591.143
.000000	.000000	.000000	
292	.000000	74.388511	790.197461
.000000	.000000	.000000	
293	.000000	.000000	155.915575
.000000	.000000	.000000	
294	.000000	.000000	415.056051
.000000	.000000	.000000	
295	.000000	.000000	382.057116
.000000	.000000	.000000	
296	21.458594	.000000	381.860667
.000000	.000000	.000000	
297	.000000	.000000	409.342945
.000000	.000000	.000000	
298	.000000	.000000	158.943937
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-82.557344	-59.639081
.000000	.000000	.000000	
282	.000000	-161.898968	-97.208976
.000000	.000000	.000000	
283	.000000	-132.175037	-158.799103
.000000	.000000	.000000	
284	-26.383744	-131.074535	-159.025303
.000000	.000000	.000000	
285	.000000	-132.585776	-94.744705
.000000	.000000	.000000	
286	.000000	-74.080449	-61.503616
.000000	.000000	.000000	
287	.000000	-45.745470	-45.531926
.000000	.000000	.000000	
288	.000000	-76.038951	-62.237907
.000000	.000000	.000000	
289	.000000	-53.017000	-135.608946
.000000	.000000	.000000	
290	-29.095864	-52.141244	-135.933334
.000000	.000000	.000000	
291	.000000	-52.180979	-68.696543
.000000	.000000	.000000	
292	.000000	-40.540398	-39.784372
.000000	.000000	.000000	
293	.000000	.000000	-46.772493
.000000	.000000	.000000	
294	.000000	.000000	-85.436512
.000000	.000000	.000000	
295	.000000	.000000	-145.516833
.000000	.000000	.000000	
296	-21.830295	.000000	-145.179554
.000000	.000000	.000000	
297	.000000	.000000	-81.200188
.000000	.000000	.000000	
298	.000000	.000000	-50.578226
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G2-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	108.405325	559.785575
.000000	.000000	.000000	
282	.000000	114.197892	1182.276
.000000	.000000	.000000	
283	.000000	76.997782	1126.957
.000000	.000000	.000000	
284	60.277255	73.285487	1127.582
.000000	.000000	.000000	
285	.000000	78.540909	1176.695
.000000	.000000	.000000	
286	.000000	98.884995	562.539499
.000000	.000000	.000000	
287	.000000	110.775219	827.421751
.000000	.000000	.000000	
288	.000000	200.174815	1668.862
.000000	.000000	.000000	
289	.000000	165.458480	1638.563
.000000	.000000	.000000	
290	32.130145	163.060233	1638.434
.000000	.000000	.000000	
291	.000000	161.646584	1682.600
.000000	.000000	.000000	
292	.000000	97.391515	819.573238
.000000	.000000	.000000	
293	.000000	.000000	143.306175
.000000	.000000	.000000	
294	.000000	.000000	383.806505
.000000	.000000	.000000	
295	.000000	.000000	353.495773
.000000	.000000	.000000	
296	42.111157	.000000	353.338314
.000000	.000000	.000000	
297	.000000	.000000	375.392777
.000000	.000000	.000000	
298	.000000	.000000	149.123136

.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-111.272648	-84.056303
.000000	.000000	.000000	
282	.000000	-204.103671	-133.795407
.000000	.000000	.000000	
283	.000000	-165.108305	-228.554662
.000000	.000000	.000000	
284	-54.879806	-162.922305	-229.232046
.000000	.000000	.000000	
285	.000000	-162.884550	-129.098915
.000000	.000000	.000000	
286	.000000	-97.885086	-87.367695
.000000	.000000	.000000	
287	.000000	-106.073407	-63.450231
.000000	.000000	.000000	
288	.000000	-113.578202	-83.003433
.000000	.000000	.000000	
289	.000000	-75.999918	-184.802245
.000000	.000000	.000000	
290	-33.591792	-73.186871	-184.664391
.000000	.000000	.000000	
291	.000000	-79.797573	-94.236631
.000000	.000000	.000000	
292	.000000	-97.055513	-53.389016
.000000	.000000	.000000	
293	.000000	.000000	-91.432311
.000000	.000000	.000000	
294	.000000	.000000	-135.240602
.000000	.000000	.000000	
295	.000000	.000000	-195.448190
.000000	.000000	.000000	
296	-42.123040	.000000	-195.032799
.000000	.000000	.000000	
297	.000000	.000000	-128.916787
.000000	.000000	.000000	
298	.000000	.000000	-97.437345
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	101.613310	470.232651
.000000	.000000	.000000	
282	.000000	118.684704	990.252904
.000000	.000000	.000000	
283	.000000	88.214895	946.275373
.000000	.000000	.000000	
284	67.690939	84.044792	946.782814
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	86.274115	985.207750
.000000	.000000	.000000	
286	.000000	94.950194	472.685503
.000000	.000000	.000000	
287	.000000	112.049484	773.748474
.000000	.000000	.000000	
288	.000000	192.290686	1580.091
.000000	.000000	.000000	
289	.000000	154.832017	1547.279
.000000	.000000	.000000	
290	30.937846	151.144845	1547.278
.000000	.000000	.000000	
291	.000000	154.905388	1592.976
.000000	.000000	.000000	
292	.000000	100.437602	766.928026
.000000	.000000	.000000	
293	.000000	.000000	440.102728
.000000	.000000	.000000	
294	.000000	.000000	988.158948
.000000	.000000	.000000	
295	.000000	.000000	940.727160
.000000	.000000	.000000	
296	55.32912	.000000	940.549975
.000000	.000000	.000000	
297	.000000	.000000	980.382835
.000000	.000000	.000000	
298	.000000	.000000	445.359706
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-111.525719	-99.262782
.000000	.000000	.000000	
282	.000000	-196.506204	-153.763809
.000000	.000000	.000000	
283	.000000	-155.323069	-241.651696
.000000	.000000	.000000	
284	-63.043758	-151.835903	-242.243037
.000000	.000000	.000000	
285	.000000	-156.619108	-149.601949
.000000	.000000	.000000	
286	.000000	-99.956776	-102.258108
.000000	.000000	.000000	
287	.000000	-100.216735	-67.422930
.000000	.000000	.000000	
288	.000000	-118.042238	-91.216916
.000000	.000000	.000000	
289	.000000	-86.449401	-199.454459
.000000	.000000	.000000	
290	-32.173209	-83.191943	-199.612792
.000000	.000000	.000000	
291	.000000	-87.212198	-101.369952
.000000	.000000	.000000	
292	.000000	-93.982004	-58.289308
.000000	.000000	.000000	
293	.000000	.000000	-99.291356
.000000	.000000	.000000	
294	.000000	.000000	-151.093574
.000000	.000000	.000000	
295	.000000	.000000	-235.118411
.000000	.000000	.000000	
296	-55.426573	.000000	-234.734523
.000000	.000000	.000000	
297	.000000	.000000	-145.190986
.000000	.000000	.000000	
298	.000000	.000000	-104.944337
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	7.815148	7.262110
.000000	.000000	.000000	
282	.000000	15.561031	11.801167
.000000	.000000	.000000	
283	.000000	16.456951	13.859546
.000000	.000000	.000000	
284	30.135314	13.978896	13.853548
.000000	.000000	.000000	
285	.000000	11.737504	11.357687
.000000	.000000	.000000	
286	.000000	9.373958	7.427890
.000000	.000000	.000000	
287	.000000	44.130432	65.722912
.000000	.000000	.000000	
288	.000000	59.566406	158.209631
.000000	.000000	.000000	
289	.000000	47.038508	146.791757
.000000	.000000	.000000	
290	10.922838	44.377458	146.938190
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	53.009807	160.081332
.000000	.000000	.000000	
292	.000000	43.430891	65.287774
.000000	.000000	.000000	
293	.000000	.000000	565.281253
.000000	.000000	.000000	
294	.000000	.000000	1171.885
.000000	.000000	.000000	
295	.000000	.000000	1134.189
.000000	.000000	.000000	
296	35.075914	.000000	1134.181
.000000	.000000	.000000	
297	.000000	.000000	1170.951
.000000	.000000	.000000	
298	.000000	.000000	565.953916
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-42.656316	-41.409979
.000000	.000000	.000000	
282	.000000	-61.074916	-54.655078
.000000	.000000	.000000	
283	.000000	-48.318149	-64.170216
.000000	.000000	.000000	
284	-27.216358	-45.628422	-64.301256
.000000	.000000	.000000	
285	.000000	-54.100876	-54.061970
.000000	.000000	.000000	
286	.000000	-41.957868	-41.631502
.000000	.000000	.000000	
287	.000000	-8.709004	-29.695975
.000000	.000000	.000000	
288	.000000	-15.300367	-44.923117
.000000	.000000	.000000	
289	.000000	-14.645950	-78.122431
.000000	.000000	.000000	
290	-11.783285	-12.473376	-78.580177
.000000	.000000	.000000	
291	.000000	-11.351890	-46.042895
.000000	.000000	.000000	
292	.000000	-10.584269	-28.903965
.000000	.000000	.000000	
293	.000000	.000000	-36.299590
.000000	.000000	.000000	
294	.000000	.000000	-59.841427
.000000	.000000	.000000	
295	.000000	.000000	-112.784423
.000000	.000000	.000000	
296	-35.415573	.000000	-112.734251
.000000	.000000	.000000	
297	.000000	.000000	-58.934751
.000000	.000000	.000000	
298	.000000	.000000	-37.215964
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	62.610879	16.733170
.000000	.000000	.000000	
282	.000000	118.000363	44.085745
.000000	.000000	.000000	
283	.000000	117.182738	41.898916
.000000	.000000	.000000	
284	46.534471	113.844213	41.865542
.000000	.000000	.000000	
285	.000000	109.540146	42.409330
.000000	.000000	.000000	
286	.000000	66.129489	17.286759
.000000	.000000	.000000	
287	.000000	53.906442	368.563819
.000000	.000000	.000000	
288	.000000	75.787467	769.321894
.000000	.000000	.000000	
289	.000000	51.464341	748.081615
.000000	.000000	.000000	
290	20.648688	47.299179	748.492345
.000000	.000000	.000000	
291	.000000	59.037637	773.750460
.000000	.000000	.000000	
292	.000000	51.800836	367.572049
.000000	.000000	.000000	
293	.000000	.000000	740.743029
.000000	.000000	.000000	
294	.000000	.000000	1573.983
.000000	.000000	.000000	
295	.000000	.000000	1514.778
.000000	.000000	.000000	
296	45.289858	.000000	1514.688
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
297	.000000	.000000	1571.228
.000000	.000000	.000000	
298	.000000	.000000	741.989296
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-51.561455	-88.781574
.000000	.000000	.000000	
282	.000000	-78.435152	-133.810911
.000000	.000000	.000000	
283	.000000	-53.254533	-161.922968
.000000	.000000	.000000	
284	-47.747080	-49.088543	-161.944470
.000000	.000000	.000000	
285	.000000	-60.725368	-132.901060
.000000	.000000	.000000	
286	.000000	-49.661319	-89.615025
.000000	.000000	.000000	
287	.000000	-63.899783	-40.435225
.000000	.000000	.000000	
288	.000000	-117.063571	-60.480713
.000000	.000000	.000000	
289	.000000	-114.965002	-125.608673
.000000	.000000	.000000	
290	-20.216813	-112.116384	-126.285599
.000000	.000000	.000000	
291	.000000	-109.540453	-63.208531
.000000	.000000	.000000	
292	.000000	-67.571876	-37.877124
.000000	.000000	.000000	
293	.000000	.000000	-58.611020
.000000	.000000	.000000	
294	.000000	.000000	-99.682423
.000000	.000000	.000000	
295	.000000	.000000	-186.715553
.000000	.000000	.000000	
296	-45.376280	.000000	-186.577128
.000000	.000000	.000000	
297	.000000	.000000	-97.689938
.000000	.000000	.000000	
298	.000000	.000000	-60.730088
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	44.766987	105.970492
.000000	.000000	.000000	
282	.000000	83.446219	244.990290
.000000	.000000	.000000	
283	.000000	69.789648	225.949985
.000000	.000000	.000000	
284	48.711932	65.873777	226.015584
.000000	.000000	.000000	
285	.000000	62.494738	241.873794
.000000	.000000	.000000	
286	.000000	43.448342	107.151136
.000000	.000000	.000000	
287	.000000	80.955129	705.351663
.000000	.000000	.000000	
288	.000000	130.994835	1431.830
.000000	.000000	.000000	
289	.000000	95.691662	1401.082
.000000	.000000	.000000	
290	31.599678	91.798243	1401.412
.000000	.000000	.000000	
291	.000000	102.398591	1438.738
.000000	.000000	.000000	
292	.000000	73.574876	702.160783
.000000	.000000	.000000	
293	.000000	.000000	699.318891
.000000	.000000	.000000	
294	.000000	.000000	1529.278
.000000	.000000	.000000	
295	.000000	.000000	1463.607
.000000	.000000	.000000	
296	48.975301	.000000	1463.428
.000000	.000000	.000000	
297	.000000	.000000	1524.349
.000000	.000000	.000000	
298	.000000	.000000	701.832706
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

COMB DL-G3-3 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-78.727099	-90.238598
.000000	.000000	.000000	
282	.000000	-134.986746	-135.503136
.000000	.000000	.000000	
283	.000000	-98.034351	-190.655812
.000000	.000000	.000000	
284	-44.789202	-93.972446	-190.841046
.000000	.000000	.000000	
285	.000000	-104.765622	-133.314151
.000000	.000000	.000000	
286	.000000	-71.649768	-91.811891
.000000	.000000	.000000	
287	.000000	-45.524261	-57.161031
.000000	.000000	.000000	
288	.000000	-82.820211	-82.324155
.000000	.000000	.000000	
289	.000000	-66.267986	-174.411354
.000000	.000000	.000000	
290	-32.622092	-63.355162	-175.174784
.000000	.000000	.000000	
291	.000000	-61.899988	-87.933342
.000000	.000000	.000000	
292	.000000	-44.413587	-52.116111
.000000	.000000	.000000	
293	.000000	.000000	-65.556708
.000000	.000000	.000000	
294	.000000	.000000	-119.725091
.000000	.000000	.000000	
295	.000000	.000000	-223.293939
.000000	.000000	.000000	
296	-49.413715	.000000	-222.998855
.000000	.000000	.000000	
297	.000000	.000000	-116.054806
.000000	.000000	.000000	
298	.000000	.000000	-69.357683
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	71.246797	347.993740
.000000	.000000	.000000	
282	.000000	92.226717	742.942061
.000000	.000000	.000000	
283	.000000	66.506147	707.228149
.000000	.000000	.000000	
284	66.930264	62.052589	707.605168
.000000	.000000	.000000	
285	.000000	62.199016	738.607732
.000000	.000000	.000000	
286	.000000	66.011210	350.135616
.000000	.000000	.000000	
287	.000000	131.787832	746.950421
.000000	.000000	.000000	
288	.000000	226.299572	1523.569
.000000	.000000	.000000	
289	.000000	189.677718	1490.224
.000000	.000000	.000000	
290	31.951208	185.961048	1490.286
.000000	.000000	.000000	
291	.000000	192.082560	1534.285
.000000	.000000	.000000	
292	.000000	121.818643	741.050388
.000000	.000000	.000000	
293	.000000	.000000	584.983719
.000000	.000000	.000000	
294	.000000	.000000	1285.977
.000000	.000000	.000000	
295	.000000	.000000	1229.734
.000000	.000000	.000000	
296	58.140997	.000000	1229.562
.000000	.000000	.000000	
297	.000000	.000000	1279.058
.000000	.000000	.000000	
298	.000000	.000000	589.580229
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-130.614504	-99.088464
.000000	.000000	.000000	
282	.000000	-230.961543	-149.419858
.000000	.000000	.000000	
283	.000000	-190.694867	-226.657909
.000000	.000000	.000000	
284	-58.820708	-187.076447	-227.197402
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	-194.125474	-145.778261
.000000	.000000	.000000	
286	.000000	-120.782105	-101.586827
.000000	.000000	.000000	
287	.000000	-70.602452	-66.038810
.000000	.000000	.000000	
288	.000000	-91.337068	-91.348368
.000000	.000000	.000000	
289	.000000	-63.991397	-197.436257
.000000	.000000	.000000	
290	-34.238082	-60.546193	-197.894105
.000000	.000000	.000000	
291	.000000	-62.521216	-100.146301
.000000	.000000	.000000	
292	.000000	-65.896387	-58.195919
.000000	.000000	.000000	
293	.000000	.000000	-93.004771
.000000	.000000	.000000	
294	.000000	.000000	-147.289088
.000000	.000000	.000000	
295	.000000	.000000	-242.114870
.000000	.000000	.000000	
296	-58.652201	.000000	-241.735935
.000000	.000000	.000000	
297	.000000	.000000	-141.795776
.000000	.000000	.000000	
298	.000000	.000000	-98.102269
.000000	.000000	.000000	

COMB DB ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	129.457083	727.323816
.000000	.000000	.000000	
282	.000000	121.332509	795.883787
.000000	.000000	.000000	
283	.000000	99.398482	786.870766
.000000	.000000	.000000	
284	49.837381	97.484746	786.833110
.000000	.000000	.000000	
285	.000000	99.309946	794.879484
.000000	.000000	.000000	
286	.000000	130.150603	727.287043
.000000	.000000	.000000	
287	.000000	124.615270	799.804922
.000000	.000000	.000000	
288	.000000	159.748171	918.471643
.000000	.000000	.000000	
289	.000000	143.501018	908.525153
.000000	.000000	.000000	
290	30.089217	139.295782	909.170677
.000000	.000000	.000000	
291	.000000	144.595452	923.507965
.000000	.000000	.000000	
292	.000000	120.405584	800.491109
.000000	.000000	.000000	
293	.000000	.000000	681.251650
.000000	.000000	.000000	
294	.000000	.000000	761.191624
.000000	.000000	.000000	
295	.000000	.000000	747.826017
.000000	.000000	.000000	
296	45.289805	.000000	747.990417
.000000	.000000	.000000	
297	.000000	.000000	760.121207
.000000	.000000	.000000	
298	.000000	.000000	680.852876
.000000	.000000	.000000	

COMB DB ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-123.617599	-81.379208
.000000	.000000	.000000	
282	.000000	-163.181992	-109.280364
.000000	.000000	.000000	
283	.000000	-143.910071	-124.051867
.000000	.000000	.000000	
284	-49.503152	-140.216157	-124.092579
.000000	.000000	.000000	
285	.000000	-145.539986	-107.066385
.000000	.000000	.000000	
286	.000000	-119.822136	-82.461708
.000000	.000000	.000000	
287	.000000	-128.358829	-47.354108
.000000	.000000	.000000	
288	.000000	-120.207681	-68.208825
.000000	.000000	.000000	
289	.000000	-99.679621	-93.825134
.000000	.000000	.000000	
290	-30.023641	-97.589991	-93.935355
.000000	.000000	.000000	

RESTRAINT FORCES (REACTIONS)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
291	.000000	-99.688997	-72.981197
.000000	.000000	.000000	
292	.000000	-129.269477	-43.635192
.000000	.000000	.000000	
293	.000000	.000000	-82.887231
.000000	.000000	.000000	
294	.000000	.000000	-96.056453
.000000	.000000	.000000	
295	.000000	.000000	-107.186792
.000000	.000000	.000000	
296	-45.178587	.000000	-106.946617
.000000	.000000	.000000	
297	.000000	.000000	-93.347914
.000000	.000000	.000000	
298	.000000	.000000	-83.632850
.000000	.000000	.000000	

COMB DL ---------- MAX

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	159.454588	794.987194
.000000	.000000	.000000	
282	.000000	178.836583	1638.467
.000000	.000000	.000000	
283	.000000	149.108806	1578.329
.000000	.000000	.000000	
284	75.953317	144.862680	1579.277
.000000	.000000	.000000	
285	.000000	150.256729	1632.760
.000000	.000000	.000000	
286	.000000	151.882918	797.959966
.000000	.000000	.000000	
287	.000000	131.787832	827.421751
.000000	.000000	.000000	
288	.000000	226.299572	1668.862
.000000	.000000	.000000	
289	.000000	189.677718	1638.563
.000000	.000000	.000000	
290	38.163320	185.961048	1638.434
.000000	.000000	.000000	
291	.000000	192.082560	1682.600
.000000	.000000	.000000	
292	.000000	121.818643	819.573238
.000000	.000000	.000000	
293	.000000	.000000	740.743029
.000000	.000000	.000000	
294	.000000	.000000	1573.983
.000000	.000000	.000000	
295	.000000	.000000	1514.778
.000000	.000000	.000000	
296	58.140997	.000000	1514.688
.000000	.000000	.000000	
297	.000000	.000000	1571.228
.000000	.000000	.000000	
298	.000000	.000000	741.989296
.000000	.000000	.000000	

COMB DL ---------- MIN

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-130.614504	-101.706589
.000000	.000000	.000000	
282	.000000	-230.961543	-160.415579
.000000	.000000	.000000	
283	.000000	-190.694867	-259.112649
.000000	.000000	.000000	
284	-76.506448	-187.076447	-259.806834
.000000	.000000	.000000	
285	.000000	-194.125474	-155.342191
.000000	.000000	.000000	
286	.000000	-120.782105	-105.285492
.000000	.000000	.000000	
287	.000000	-157.197765	-69.469392
.000000	.000000	.000000	
288	.000000	-178.692400	-92.587606
.000000	.000000	.000000	
289	.000000	-148.000951	-203.709596

```
    .000000      .000000      .000000
   290   -38.699199 -144.555351 -203.466920
    .000000      .000000      .000000
   291      .000000 -151.320617 -104.396669
    .000000      .000000      .000000
   292      .000000 -150.121257  -58.750118
    .000000      .000000      .000000
   293      .000000      .000000 -109.522495
    .000000      .000000      .000000
   294      .000000      .000000 -160.074281
    .000000      .000000      .000000
   295      .000000      .000000 -242.114870
    .000000      .000000      .000000
   296   -58.652201      .000000 -241.735935
    .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         362

 R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

  JOINT          F1           F2           F3
    M1           M2           M3
   297      .000000      .000000 -153.671613
    .000000      .000000      .000000
   298      .000000      .000000 -115.771714
    .000000      .000000      .000000

 COMB     CAR ------------------ MAX

  JOINT          F1           F2           F3
    M1           M2           M3
   281      .000000   159.454588   794.987194
    .000000      .000000      .000000
   282      .000000   178.836583     1638.467
    .000000      .000000      .000000
   283      .000000   149.108806     1578.329
    .000000      .000000      .000000
   284    75.953317   144.862680     1579.277
    .000000      .000000      .000000
   285      .000000   150.256729     1632.760
    .000000      .000000      .000000
   286      .000000   151.882918   797.959966
    .000000      .000000      .000000
   287      .000000   131.787832   827.421751
    .000000      .000000      .000000
   288      .000000   226.299572     1668.862
    .000000      .000000      .000000
   289      .000000   189.677718     1638.563
    .000000      .000000      .000000
   290    38.163320   185.961048     1638.434
    .000000      .000000      .000000
   291      .000000   192.082560     1682.600
    .000000      .000000      .000000
   292      .000000   121.818643   819.573238
    .000000      .000000      .000000
   293      .000000      .000000   740.743029
    .000000      .000000      .000000
   294      .000000      .000000     1573.983
    .000000      .000000      .000000
   295      .000000      .000000     1514.778
    .000000      .000000      .000000
   296    58.140997      .000000     1514.688
    .000000      .000000      .000000
   297      .000000      .000000     1571.228
    .000000      .000000      .000000
   298      .000000      .000000   741.989296
    .000000      .000000      .000000

 COMB     CAR ------------------ MIN

  JOINT          F1           F2           F3
    M1           M2           M3
   281      .000000 -130.614504 -101.706589
    .000000      .000000      .000000
   282      .000000 -230.961543 -160.415579
    .000000      .000000      .000000
   283      .000000 -190.694867 -259.112649
    .000000      .000000      .000000
   284   -76.506448 -187.076447 -259.806834
    .000000      .000000      .000000
   285      .000000 -194.125474 -155.342191
    .000000      .000000      .000000
   286      .000000 -120.782105 -105.285492
    .000000      .000000      .000000
   287      .000000 -157.197765  -69.469392
    .000000      .000000      .000000
   288      .000000 -178.692400  -92.587606
    .000000      .000000      .000000
   289      .000000 -148.000951 -203.709596
    .000000      .000000      .000000
   290   -38.699199 -144.555351 -203.466920
    .000000      .000000      .000000
   291      .000000 -151.320617 -104.396669
    .000000      .000000      .000000
   292      .000000 -150.121257  -58.750118
    .000000      .000000      .000000
   293      .000000      .000000 -109.522495
    .000000      .000000      .000000
   294      .000000      .000000 -160.074281
    .000000      .000000      .000000
   295      .000000      .000000 -242.114870
    .000000      .000000      .000000
   296   -58.652201      .000000 -241.735935
    .000000      .000000      .000000
   297      .000000      .000000 -153.671613
    .000000      .000000      .000000
   298      .000000      .000000 -115.771714
    .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         363

 R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

 COMB   DESIGN ------------------ MAX

  JOINT          F1           F2           F3
    M1           M2           M3
   281      .000000   159.454588   794.987194
    .000000      .000000      .000000
   282      .000000   178.836583     1638.467
    .000000      .000000      .000000
   283      .000000   149.108806     1578.329
    .000000      .000000      .000000
   284    75.953317   144.862680     1579.277
    .000000      .000000      .000000
   285      .000000   150.256729     1632.760
    .000000      .000000      .000000
   286      .000000   151.882918   797.959966
    .000000      .000000      .000000
   287      .000000   131.787832   827.421751
    .000000      .000000      .000000
   288      .000000   226.299572     1668.862
    .000000      .000000      .000000
   289      .000000   189.677718     1638.563
    .000000      .000000      .000000
   290    38.163320   185.961048     1638.434
    .000000      .000000      .000000
   291      .000000   192.082560     1682.600
    .000000      .000000      .000000
   292      .000000   121.818643   819.573238
    .000000      .000000      .000000
   293      .000000      .000000   740.743029
    .000000      .000000      .000000
   294      .000000      .000000     1573.983
    .000000      .000000      .000000
   295      .000000      .000000     1514.778
    .000000      .000000      .000000
   296    58.140997      .000000     1514.688
    .000000      .000000      .000000
   297      .000000      .000000     1571.228
    .000000      .000000      .000000
   298      .000000      .000000   741.989296
    .000000      .000000      .000000

 COMB   DESIGN ------------------ MIN

  JOINT          F1           F2           F3
    M1           M2           M3
   281      .000000 -130.614504 -101.706589
    .000000      .000000      .000000
   282      .000000 -230.961543 -160.415579
    .000000      .000000      .000000
   283      .000000 -190.694867 -259.112649
    .000000      .000000      .000000
   284   -76.506448 -187.076447 -259.806834
    .000000      .000000      .000000
   285      .000000 -194.125474 -155.342191
    .000000      .000000      .000000
   286      .000000 -120.782105 -105.285492
    .000000      .000000      .000000
   287      .000000 -157.197765  -69.469392
    .000000      .000000      .000000
   288      .000000 -178.692400  -92.587606
    .000000      .000000      .000000
   289      .000000 -148.000951 -203.709596
    .000000      .000000      .000000
   290   -38.699199 -144.555351 -203.466920
    .000000      .000000      .000000
   291      .000000 -151.320617 -104.396669
    .000000      .000000      .000000
   292      .000000 -150.121257  -58.750118
    .000000      .000000      .000000
   293      .000000      .000000 -109.522495
    .000000      .000000      .000000
   294      .000000      .000000 -160.074281
    .000000      .000000      .000000
   295      .000000      .000000 -242.114870
    .000000      .000000      .000000
   296   -58.652201      .000000 -241.735935
    .000000      .000000      .000000
   297      .000000      .000000 -153.671613
    .000000      .000000      .000000
   298      .000000      .000000 -115.771714
    .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         364

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      1 ================== LENGTH
=     2.768596

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    2.103942   20.118814     29.004900
   45.176607    1.862791    1.973493
    0.25000    2.103942   20.118814     29.004900
   45.176607    3.115821  303.440268
    0.50000    2.103942   20.118814     29.004900
   45.176607    6.962434  585.837122
    0.75000    2.103942   26.742439     29.004900
   45.176607   10.811127  841.574417
    1.00000    2.103942   36.600428     29.004900
   45.176607   14.659824    1073.373

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -11.475744  -471.368951   -5.560508
 -496.092639   -1.001244   -11.253499
    0.25000  -11.475744  -449.910255   -5.560508
 -496.092639   -18.262514   -12.284163
    0.50000  -11.475744  -429.246055   -5.560508
 -496.092639   -38.332840   -26.211709
    0.75000  -11.475744  -409.499108   -5.560508
 -496.092639   -58.408526   -40.136927
    1.00000  -11.475744  -390.962861   -5.560508
 -496.092639   -78.484238   -54.062145

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   12.697224   34.919778     33.381336
  164.042983    3.225445   13.630060
    0.25000   12.697224   34.922188     33.381336
  164.042983   25.936548  451.113780
    0.50000   12.697224   37.401600     33.381336
  164.042983   52.526044  864.878062
    0.75000   12.697224   50.762395     33.381336
  164.042983   79.117907   1245.618
    1.00000   12.697224   63.525830     33.381336
  164.042983  105.709838   1596.687

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -13.275276  -676.684027   -38.419474
 -576.587917   -1.430394   -12.727193
    0.25000  -13.275276  -650.093213   -38.419474
 -576.587917   -20.398440   -21.742228
    0.50000  -13.275276  -624.490702   -38.419474
 -576.587917   -43.495184   -49.834176
    0.75000  -13.275276  -600.026116   -38.419474
 -576.587917   -66.595272   -70.001543
    1.00000  -13.275276  -577.049876   -38.419474
 -576.587917   -89.698294   -94.171234

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    9.525514   44.443427     30.869737
  292.496150    4.193629   10.312134
    0.25000    9.525514   44.445637     30.869737
  292.496150   20.487593  461.959398
    0.50000    9.525514   47.253398     30.869737
  292.496150   40.346201   889.610062
    0.75000    9.525514   59.551812     30.869737
  292.496150   60.220276   1286.967
    1.00000    9.525514   71.301346     30.869737
  292.496150   80.099651   1657.104

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -12.140221  -690.222873   -28.736332
 -516.307652   -1.646870   -11.746197
    0.25000  -12.140221  -665.830407   -28.736332
 -516.307652   -19.031016   -28.088831
    0.50000  -12.140221  -642.344823   -28.736332
 -516.307652   -40.385353   -58.849563
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         365

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2           V3
        T          M2           M3
    0.75000  -12.140221  -619.903186   -28.736332
 -516.307652   -61.745671   -89.608609
    1.00000  -12.140221  -598.828272   -28.736332
 -516.307652   -83.110202  -120.369784

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    8.886839   45.997734     44.170635
  394.745211    4.460189    9.813616
    0.25000    8.886839   45.999746     44.170635
  394.745211   20.584490  408.522930
    0.50000    8.886839   48.339377     44.170635
  394.745211   39.818752  788.014852
    0.75000    8.886839   58.588055     44.170635
  394.745211   59.088546   1142.293
    1.00000    8.886839   68.379334     44.170635
  394.745211   78.363515   1473.897

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -15.869753  -608.633261   -27.849991
 -443.770985   -1.745887   -16.104509
    0.25000  -15.869753  -588.306206   -27.849991
 -443.770985   -28.369170   -31.113358
    0.50000  -15.869753  -568.734886   -27.849991
 -443.770985   -58.931940   -61.435874
    0.75000  -15.869753  -550.033522   -27.849991
 -443.770985   -89.499600   -93.271140
    1.00000  -15.869753  -532.471093   -27.849991
 -443.770985  -120.070606  -125.108180

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   12.050859   16.478301     2.991300
  169.454820    1.551560   13.326335
    0.25000   12.050859   16.485288     2.991300
  169.426917   26.188651  117.281106
    0.50000   12.050859   16.492142     2.991300
  169.400104   52.060724  226.783558
    0.75000   12.050859   16.498790     2.991300
  169.374624   77.932828  336.335544
    1.00000   12.050859   16.505165     2.991300
  169.356871  103.804951  445.875197

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -1.323079  -158.331711   -37.379438
  -35.327227   -0.434965   -1.106591
    0.25000   -1.323079  -158.320555   -37.379438
  -35.346403   -1.528967   -10.595511
    0.50000   -1.323079  -158.309823   -37.379438
  -35.368543   -3.591245   -21.997822
    0.75000   -1.323079  -158.299571   -37.379438
  -35.389366   -5.657170   -33.402993
    1.00000   -1.323079  -158.289972   -37.379438
  -35.409024   -7.726313   -44.808165

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    8.922710   29.692618     17.221188
  345.515668    2.901600   10.120988
    0.25000    8.922710   29.699606     17.221188
  345.487758   21.535693  162.530969
    0.50000    8.922710   29.706461     17.221188
  345.460937   41.165162  318.592920
    0.75000    8.922710   29.713110     17.221188
  345.435450   60.836359  474.649782
    1.00000    8.922710   29.719486     17.221188
  345.417648   80.509311  630.708705

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -5.724206  -225.544643   -28.425590
  -39.448449   -0.839735   -6.066408
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         366

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2           V3
        T          M2           M3
    0.25000   -5.724206  -225.533487   -28.425590
  -39.467681   -11.333712   -21.522885
    0.50000   -5.724206  -225.522754   -28.425590
  -39.488928   -23.240023   -39.998051
    0.75000   -5.724206  -225.512501   -28.425590
  -39.510658   -35.152900   -60.549280
    1.00000   -5.724206  -225.502902   -28.425590
  -39.530322   -47.070261   -81.100511

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   10.610983   42.513745     30.731628
  393.437306    4.056493   12.004479
    0.25000   10.610983   44.317694     30.731628
  367.571251   26.363605  384.220276
    0.50000   10.610983   55.557833     30.731628
  342.404666   50.742751  732.996519
    0.75000   10.610983   66.460292     30.731628
  333.171600   75.135010   1057.038
    1.00000   10.610983   76.895812     30.731628
  333.171600   99.528853   1358.920

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -11.131389  -563.532930   -35.247940
 -313.319069   -1.431979   -11.148651
    0.25000  -11.131389  -543.534303   -35.247940
 -313.319069   -19.407701   -29.111658
    0.50000  -11.131389  -524.404280   -35.247940
 -313.319069   -40.667767   -56.662889
    0.75000  -11.131389  -506.069492   -35.247940
 -313.319069   -61.933269   -86.086923
    1.00000  -11.131389  -488.875550   -35.247940
 -327.565880   -83.202249  -115.516095

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   10.371071   44.008856     31.431884
  481.785102    4.320609   11.881388
    0.25000   10.371071   45.500462     31.431884
  460.249727   26.664929  341.108193
    0.50000   10.371071   54.861297     31.431884
  439.296673   50.756340  651.046768
    0.75000   10.371071   63.940811     31.431884
  431.708744   74.779923  940.402429
    1.00000   10.371071   72.631489     31.431884
  431.708744   99.006325   1211.300

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -10.937871  -497.484771   -34.863509
 -278.224993   -1.605790   -11.095020
    0.25000  -10.937871  -480.878176   -34.863509
 -278.224993   -19.983532   -29.953672
    0.50000  -10.937871  -464.895075   -34.863509
 -278.224993   -41.729900   -59.184213
    0.75000  -10.937871  -449.624284   -34.863509
 -278.224993   -63.480879   -89.642997
    1.00000  -10.937871  -435.303663   -34.863509
 -289.956840   -85.234896  -120.106060

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    3.230109   12.832303     2.256893
  237.315908    1.439152    3.793832
    0.25000    3.230109   12.839296     2.256893
  237.287960    8.732639   31.105967
    0.50000    3.230109   12.846156     2.256893
  237.261102   16.086759   58.593241
    0.75000    3.230109   12.852810     2.256893
  237.235578   23.446295   86.074104
    1.00000    3.230109   12.859190     2.256893
  237.217529   30.805832  113.542763
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         367

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -0.606352  -39.757550   -10.632971
  -28.490363   -0.655120   -0.708055
    0.25000   -0.606352  -39.746390   -10.632971
  -28.509876   -1.868778   -9.225528
    0.50000   -0.606352  -39.735655   -10.632971
  -28.532057   -3.426146   -18.011864
    0.75000   -0.606352  -39.725399   -10.632971
  -28.552921   -4.985626   -26.846920
    1.00000   -0.606352  -39.715797   -10.632971
  -28.572618   -6.546188   -35.727201

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    3.987521   24.105697     26.976449
  408.921549    2.616779    4.749519
    0.25000    3.987521   24.112684     26.976449
  408.893646   12.041038   66.917990
    0.50000    3.987521   24.119538     26.976449
  408.866833   21.683681  130.560518
    0.75000    3.987521   24.126186     26.976449
  408.841353   31.331987  194.209847
    1.00000    3.987521   24.132651     26.976449
  408.823601   40.988047  257.864378

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -8.389133  -92.044184   -13.958784
  -40.362635   -1.050628   -9.256597
    0.25000   -8.389133  -92.033028   -13.958784
  -40.381811   -18.670016   -20.182040
    0.50000   -8.389133  -92.022296   -13.958784
  -40.403952   -37.230327   -33.415748
    0.75000   -8.389133  -92.012004   -13.958784
  -40.424775   -55.796089   -50.099213
    1.00000   -8.389133  -92.002445   -13.958784
  -40.444433   -74.362634   -66.782679

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    6.250199   35.298727     15.186254
  504.477890    3.663063    7.374142
    0.25000    6.250199   35.305016     15.186254
  504.452771   17.296159  134.780185
    0.50000    6.250199   35.311185     15.186254
  504.428632   31.596522  263.452096
    0.75000    6.250199   35.317169     15.186254
  504.405694   45.905261  392.128914
    1.00000    6.250199   35.322908     15.186254
  504.389672   60.217599  520.806690

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -4.617011  -185.974832   -20.694525
  -39.321681   -1.297318   -5.068814
    0.25000   -4.617011  -185.964791   -20.694525
  -39.339590   -10.349106   -25.639409
    0.50000   -4.617011  -185.955132   -20.694525
  -39.358922   -20.515344   -48.335534
    0.75000   -4.617011  -185.945904   -20.694525
  -39.377669   -30.895075   -72.766287
    1.00000   -4.617011  -185.937265   -20.694525
  -39.395367   -41.404422   -97.197042

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   13.179326   42.298341     20.366359
  548.598438    4.229111   14.918610
    0.25000   13.179326   46.660331     20.366359
  528.899627   32.642468  281.570542
    0.50000   13.179326   53.450781     20.366359
  511.964946   62.474018  535.691257
    0.75000   13.179326   60.037082     20.366359
  495.692086   92.338842  775.534000
    1.00000   13.179326   66.347444     20.366359
  480.296680  122.206569   1002.601
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                         368

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   -6.972295  -401.783373   -43.153951
  -179.603812   -1.534407   -7.074063
    0.25000   -6.972295  -390.260737   -43.153951
  -179.603812   -12.937862   -29.392649
    0.50000   -6.972295  -379.173240   -43.153951
  -191.005219   -25.734258   -57.203946
    0.75000   -6.972295  -368.580626   -43.153951
  -209.832045   -40.735106   -86.509614
    1.00000   -6.972295  -358.655089   -43.153951
  -227.439423   -54.829218  -115.785469

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000    4.209786   27.710072     44.601073
   75.344286    3.517546    3.579740
    0.25000    4.209786   27.774665     44.601073
   76.529092    5.405190  248.848695
    0.50000    4.209786   34.193868     44.601073
   76.997202   12.720165  494.845890
    0.75000    4.209786   43.596782     44.601073
   77.006863   20.036313  725.620822
    1.00000    4.209786   53.082901     44.601073
   77.006863   27.352661  941.561818

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -17.408851  -453.579089   -10.570293
  -644.266707   -2.034799   -16.055008
    0.25000  -17.408851  -433.656665   -10.570293
  -640.730339   -27.398373   -14.909695
    0.50000  -17.408851  -414.334864   -10.570293
  -636.477276   -58.263898   -32.116072
    0.75000  -17.408851  -395.847531   -10.570293
  -631.765764   -89.134046   -49.929759
    1.00000  -17.408851  -378.124053   -10.570293
  -627.044591  -120.004402   -67.733086

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000   14.143456   48.248774     50.498714
  188.254365    5.862327   12.611147
    0.25000   14.143456   49.293947     50.498714
  188.424644   26.498519  381.795915
    0.50000   14.143456   60.974351     50.498714
  188.424644   54.985428  752.228923
    0.75000   14.143456   72.930222     50.498714
  188.424644   83.494248   1104.279
    1.00000   14.143456   84.996577     50.498714
  188.424644  112.010059   1436.082

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P           V2           V3
        T          M2           M3
    0.00000  -20.194766  -668.303228   -41.204954
  -749.759539   -2.813316   -18.367116
    0.25000  -20.194766  -644.297598   -41.204954
  -748.100020   -29.902744   -26.352453
    0.50000  -20.194766  -621.215124   -41.204954
  -746.270223   -64.820744   -56.683151
    0.75000  -20.194766  -598.976418   -41.204954
  -744.440426   -99.764568   -88.818755
    1.00000  -20.194766  -577.760328   -41.204954
  -742.610775  -134.712080  -121.338215
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COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.272676	62.056098	48.140733
340.559824	7.124458	11.248639	
0.25000	12.272676	63.425277	48.140733
340.653911	24.507956	405.800665	
0.50000	12.272676	74.202267	48.140733
340.653911	49.199062	801.877944	
0.75000	12.272676	85.232907	48.140733
340.653911	73.944159	1181.027	
1.00000	12.272676	96.366158	48.140733
340.653911	98.713385	1543.431	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.218179	-702.160466	-35.831118
-670.573637	-3.092441	-17.573182	
0.25000	-19.218179	-680.130428	-35.831118
-669.353585	-28.120884	-35.180550	
0.50000	-19.218179	-658.957845	-35.831118
-668.039445	-62.134586	-74.526969	
0.75000	-19.218179	-638.562738	-35.831118
-666.725306	-95.402275	-115.251530	
1.00000	-19.218179	-619.110327	-35.831118
-665.411272	-128.694088	-156.318498	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.355201	64.284581	53.515633
465.557952	11.453945	10.609024	
0.25000	11.355201	65.425854	53.515633
465.636378	24.457302	363.974733	
0.50000	11.355201	74.408965	53.515633
465.636378	47.901256	719.967009	
0.75000	11.355201	83.603505	53.515633
465.636378	71.410589	1061.896	
1.00000	11.355201	92.880376	53.515633
465.636378	94.952424	1389.882	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.168662	-626.411738	-34.078736
-575.285456	-3.296683	-18.418968	
0.25000	-20.168662	-608.048700	-34.078736
-574.268486	-33.590482	-40.763226	
0.50000	-20.168662	-590.400388	-34.078736
-573.173092	-70.498224	-82.430607	
0.75000	-20.168662	-573.461139	-34.078736
-572.077697	-107.470706	-125.289249	
1.00000	-20.168662	-557.185670	-34.078736
-570.982390	-144.468251	-168.442456	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.744160	22.698618	5.144489
165.263597	2.433324	9.959909	
0.25000	10.744160	22.702788	5.144489
165.249886	23.680191	116.201225	
0.50000	10.744160	22.707098	5.144489
165.237020	46.927878	227.000878	
0.75000	10.744160	22.711506	5.144489
165.225065	70.027756	338.388602	
1.00000	10.744160	22.715967	5.144489
165.214190	93.233280	449.494386	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.299603	-180.022101	-33.542377
-50.431288	-0.688750	-2.009021	
0.25000	-2.299603	-180.015287	-33.542377
-50.443766	-2.557722	-12.818576	
0.50000	-2.299603	-180.008759	-33.542377
-50.456523	-6.030792	-27.436290	
0.75000	-2.299603	-180.002542	-33.542377
-50.469452	-9.572412	-42.830464	
1.00000	-2.299603	-179.996707	-33.542377
-50.482451	-13.123075	-58.478759	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.977977	41.920788	16.527508
379.117934	4.385948	8.645938	
0.25000	8.977977	41.929268	16.527508
379.104222	21.991388	167.574583	
0.50000	8.977977	41.929268	16.527508
379.091357	41.575483	332.307256	
0.75000	8.977977	41.933676	16.527508
379.079401	61.250501	497.022596	
1.00000	8.977977	41.938137	16.527508
379.068526	80.957458	661.763107	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.990682	-265.342778	-28.538978
-55.430082	-1.422007	-5.342608	
0.25000	-5.990682	-265.335964	-28.538978
-55.442561	-10.703592	-27.331210	
0.50000	-5.990682	-265.329436	-28.538978
-55.455318	-21.97927	-55.364135	
0.75000	-5.990682	-265.323219	-28.538978
-55.468247	-33.347757	-83.541115	
1.00000	-5.990682	-265.317384	-28.538978
-55.481246	-44.748407	-112.330991	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.800747	59.517856	36.338786
451.773537	6.658817	11.709237	
0.25000	12.800747	69.485617	36.338786
426.321596	28.105040	344.018540	
0.50000	12.800747	79.937980	36.338786
402.653785	55.063166	673.278398	
0.75000	12.800747	90.620170	36.338786
380.999411	82.125378	987.619958	
1.00000	12.800747	101.431070	36.338786
375.815562	109.224412	1287.308	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.170060	-584.767933	-39.202360
-395.056311	-2.639226	-13.693053	
0.25000	-14.170060	-566.168129	-39.202360
-397.845717	-21.930357	-37.269892	
0.50000	-14.170060	-548.208738	-39.202360
-401.834619	-46.924348	-78.699627	
0.75000	-14.170060	-531.035183	-39.202360
-406.982474	-72.009170	-120.897429	
1.00000	-14.170060	-514.773449	-39.202360
-428.897080	-97.124524	-163.402010	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.415667	61.583137	34.912618
569.870088	7.143409	11.635764	
0.25000	12.415667	69.884398	34.912618
548.673431	28.933035	311.111218	
0.50000	12.415667	78.589242	34.912618
528.962617	55.491972	608.659371	
0.75000	12.415667	87.485487	34.912618
510.928615	82.127857	893.787195	
1.00000	12.415667	96.488924	34.912618
506.611449	108.793750	1166.723	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.099853	-523.950053	-38.617753
-350.225693	-2.994523	-12.657824	
0.25000	-13.099853	-508.459932	-38.617753
-352.548740	-21.885130	-39.633401	
0.50000	-13.099853	-493.503152	-38.617753
-355.870742	-45.884721	-82.040396	
0.75000	-13.099853	-479.200826	-38.617753
-360.157933	-69.963457	-125.110298	
1.00000	-13.099853	-465.657876	-38.617753
-378.408658	-94.071664	-168.441155	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.249814	18.244745	2.895828
299.602820	2.483101	4.478553	
0.25000	4.249814	18.248911	2.895828
299.589146	11.322524	37.903730	
0.50000	4.249814	18.253215	2.895828
299.576317	20.209090	71.788018	
0.75000	4.249814	18.257663	2.895828
299.564396	29.098198	105.665721	
1.00000	4.249814	18.262073	2.895828
299.553553	37.996587	139.541676	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.836903	-53.528990	-12.930073
-35.620753	-1.139339	-0.939464	
0.25000	-0.836903	-53.522179	-12.930073
-35.633201	-2.929857	-12.302763	
0.50000	-0.836903	-53.515653	-12.930073
-35.645926	-4.868974	-24.203340	
0.75000	-0.836903	-53.509437	-12.930073
-35.658823	-6.813148	-36.121358	
1.00000	-0.836903	-53.503604	-12.930073
-35.671789	-8.767124	-48.039871	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.996718	34.777393	23.277727
506.762667	4.300548	5.289924	
0.25000	4.996718	34.781561	23.277727
506.748977	14.680737	76.497956	
0.50000	4.996718	34.785868	23.277727
506.736133	25.740099	150.336845	
0.75000	4.996718	34.790272	23.277727
506.724197	36.851124	224.224332	
1.00000	4.996718	34.794738	23.277727
506.713340	47.978181	298.120040	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.274862	-117.332264	-16.175015
-50.408681	-1.957255	-7.154919	
0.25000	-7.274862	-117.325452	-16.175015
-50.421142	-17.014321	-28.125007	
0.50000	-7.274862	-117.318925	-16.175015
-50.433881	-32.943217	-52.086887	
0.75000	-7.274862	-117.312700	-16.175015
-50.446791	-48.919800	-76.120814	
1.00000	-7.274862	-117.306875	-16.175015
-50.459772	-64.915432	-100.186656	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.897575	50.001265	16.695674
597.758713	5.729803	8.211760	
0.25000	7.897575	50.046277	16.695674
597.610861	21.715343	148.216347	
0.50000	7.897575	50.092791	16.695674
597.477146	38.318632	292.246460	
0.75000	7.897575	50.140362	16.695674
597.343231	56.214600	435.867259	
1.00000	7.897575	50.188509	16.695674
597.225980	73.563125	579.615740	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.454609	-229.387752	-25.190794
-49.285632	-2.207699	-5.037005	
0.25000	-5.454609	-229.314180	-25.190794
-49.420208	-12.090588	-33.754016	
0.50000	-5.454609	-229.243693	-25.190794
-49.557791	-23.286103	-66.861656	
0.75000	-5.454609	-229.176555	-25.190794
-49.697222	-34.707899	-99.941351	
1.00000	-5.454609	-229.113546	-25.190794
-49.837413	-46.181897	-133.039894	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.306712	61.887736	25.052692
640.847630	6.933848	13.560577	
0.25000	14.306712	69.276806	25.052692
621.916331	34.026868	266.094120	
0.50000	14.306712	74.890691	25.052692
604.233961	64.743571	517.457579	
0.75000	14.306712	81.645617	25.052692
587.943626	95.550097	759.821879	
1.00000	14.306712	88.494489	25.052692
573.142789	126.389985	993.386942	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.229199	-436.399433	-44.660403
-224.808680	-2.742988	-8.765693	
0.25000	-9.229199	-425.398307	-44.660403
-232.312799	-16.028971	-38.692498	
0.50000	-9.229199	-414.791795	-44.660403
-250.252500	-33.203083	-81.325059	
0.75000	-9.229199	-404.685743	-44.660403
-268.410712	-50.283024	-122.532420	
1.00000	-9.229199	-395.150096	-44.660403
-286.653576	-67.552761	-164.966748	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.179326	45.997734	44.170635
548.598438	4.460189	14.918610	
0.25000	13.179326	46.660331	44.170635
528.899627	32.642468	461.959398	
0.50000	13.179326	55.557893	44.170635
511.964946	62.474018	885.610062	
0.75000	13.179326	66.460292	44.170635
504.405694	92.338842	1286.967	
1.00000	13.179326	76.895812	44.170635
504.389672	122.206569	1657.104	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.869753	-690.222873	-43.153951
-576.587917	-1.745887	-16.104509	
0.25000	-15.869753	-665.830407	-43.153951
-576.587917	-28.369170	-31.113358	
0.50000	-15.869753	-642.344823	-43.153951
-576.587917	-58.931940	-61.435874	
0.75000	-15.869753	-619.903186	-43.153951
-576.587917	-89.499600	-93.271140	
1.00000	-15.869753	-598.828272	-43.153951
-576.587917	-120.070606	-125.108180	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.306712	64.284581	53.515633
640.847630	7.453945	13.560577	
0.25000	14.306712	69.884398	53.515633
621.916331	34.026868	405.800665	
0.50000	14.306712	79.937980	53.515633
604.233961	64.743571	801.877944	
0.75000	14.306712	90.620170	53.515633
597.343231	95.550097	1181.027	
1.00000	14.306712	101.431070	53.515633
597.225980	126.389985	1543.431	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.194766	-702.160466	-44.660403
-749.759539	-3.296683	-18.418968	
0.25000	-20.194766	-680.130428	-44.660403
-748.100020	-33.590482	-40.763226	
0.50000	-20.194766	-658.957845	-44.660403
-746.270223	-70.498224	-82.430607	
0.75000	-20.194766	-638.562738	-44.660403
-744.440426	-107.470706	-125.289249	
1.00000	-20.194766	-619.110327	-44.660403
-742.610775	-144.468251	-168.442456	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.306712	64.284581	53.515633
640.847630	7.453945	14.918610	
0.25000	14.306712	69.884398	53.515633
621.916331	34.026868	461.959398	
0.50000	14.306712	79.937980	53.515633
604.233961	64.743571	889.610062	
0.75000	14.306712	90.620170	53.515633
597.343231	95.550097	1286.967	
1.00000	14.306712	101.431070	53.515633
597.225980	126.389985	1657.104	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.194766	-702.160466	-44.660403
-749.759539	-3.296683	-18.418968	
0.25000	-20.194766	-680.130428	-44.660403
-748.100020	-33.590482	-40.763226	
0.50000	-20.194766	-658.957845	-44.660403
-746.270223	-70.498224	-82.430607	
0.75000	-20.194766	-638.562738	-44.660403
-744.440426	-107.470706	-125.289249	
1.00000	-20.194766	-619.110327	-44.660403
-742.610775	-144.468251	-168.442456	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.306712	64.284581	53.515633
640.847630	7.453945	14.918610	
0.25000	14.306712	69.884398	53.515633
621.916331	34.026868	461.959398	
0.50000	14.306712	79.937980	53.515633
604.233961	64.743571	889.610062	
0.75000	14.306712	90.620170	53.515633
597.343231	95.550097	1286.967	
1.00000	14.306712	101.431070	53.515633
597.225980	126.389985	1657.104	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.194766	-702.160466	-44.660403
-749.759539	-3.296683	-18.418968	
0.25000	-20.194766	-680.130428	-44.660403
-748.100020	-33.590482	-40.763226	
0.50000	-20.194766	-658.957845	-44.660403
-746.270223	-70.498224	-82.430607	
0.75000	-20.194766	-638.562738	-44.660403
-744.440426	-107.470706	-125.289249	
1.00000	-20.194766	-619.110327	-44.660403
-742.610775	-144.468251	-168.442456	

ELEM 2 ========== LENGTH = 4.987313

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.449978	40.412095	0.254475
55.685762	13.837894	1074.786	
0.25000	2.449978	57.253222	0.254475
55.685762	13.527559	1415.372	
0.50000	2.449978	89.309719	0.254475
55.685762	13.217387	1685.874	
0.75000	2.449978	122.945309	0.254475
55.685762	12.907367	1895.486	
1.00000	2.449978	154.613261	0.254475
55.685762	12.597482	2054.704	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.263077	-379.802871	-9.982332
-606.917126	-76.587341	-54.187922	
0.25000	-12.263077	-346.240953	-9.982332
-606.917126	-67.297332	-74.923649	
0.50000	-12.263077	-314.121471	-9.982332
-606.917126	-59.345910	-95.663770	
0.75000	-12.263077	-284.663977	-9.982332
-606.917126	-52.603613	-116.403533	
1.00000	-12.263077	-258.181782	-9.982332
-606.917126	-46.840248	-137.154618	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.863913	57.847734	1.969120
143.768775	105.188585	1597.708	
0.25000	12.863913	79.260065	1.969120
143.768775	102.838220	2103.676	
0.50000	12.863913	118.648763	1.969120
143.768775	100.489479	2539.727	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	12.863913	160.235422	1.969120
143.768775	98.142166	2909.057	
1.00000	12.863913	200.178313	1.969120
143.768775	95.796868	3219.219	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.622858	-560.174012	-12.258106
-704.779096	-86.796313	-94.356056	
0.25000	-14.622858	-518.002213	-12.258106
-704.779096	-77.047271	-131.506632	
0.50000	-14.622858	-478.334772	-12.258106
-704.779096	-68.706521	-168.668746	
0.75000	-14.622858	-441.894014	-12.258106
-704.779096	-61.499372	-205.829885	
1.00000	-14.622858	-409.048187	-12.258106
-704.779096	-55.177782	-243.006048	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.258805	65.477657	2.912156
307.659971	80.937238	1657.273	
0.25000	9.258805	85.160199	2.912156
307.659971	77.364525	2227.705	
0.50000	9.258805	121.265619	2.912156
307.659971	73.791960	2731.263	
0.75000	9.258805	159.406703	2.912156
307.659971	70.219531	3172.171	
1.00000	9.258805	196.101087	2.912156
307.659971	66.869029	3558.049	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.813436	-594.518982	-10.949761
-626.941467	-80.616777	-120.518433	
0.25000	-13.813436	-555.788512	-10.949761
-626.941467	-71.718890	-170.206670	
0.50000	-13.813436	-519.411344	-10.949761
-626.941467	-64.086704	-219.903842	
0.75000	-13.813436	-485.987925	-10.949761
-626.941467	-57.451192	-269.599737	
1.00000	-13.813436	-455.857946	-10.949761
-626.941467	-51.622762	-319.309488	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.402675	64.793556	5.553520
446.704919	79.982198	1473.314	
0.25000	8.402675	81.195674	5.553520
446.704919	75.794201	2007.534	
0.50000	8.402675	111.283525	5.553520
446.704919	71.781241	2485.931	
0.75000	8.402675	143.067820	5.553520
446.704919	67.918739	2912.097	
1.00000	8.402675	173.646414	5.553520
446.704919	64.197831	3292.460	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.324338	-542.569210	-9.780078
-541.324908	-117.767047	-125.161517	
0.25000	-17.324338	-510.239818	-9.780078
-541.324908	-110.397853	-179.308988	
0.50000	-17.324338	-479.979513	-9.780078
-541.324908	-104.078347	-233.468494	
0.75000	-17.324338	-452.126663	-9.780078
-541.324908	-98.599260	-287.629139	
1.00000	-17.324338	-427.018347	-9.780078
-541.324908	-93.787645	-341.807540	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.737998	15.258931	2.115044
144.605155	104.384817	445.289249	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	11.737998	15.268912	2.115044
144.557827	101.813845	593.328793	
0.50000	11.737998	15.284765	2.115044
144.526450	99.244177	757.041530	
0.75000	11.737998	15.302036	2.115044
144.500486	96.675705	928.583591	
1.00000	11.737998	15.320103	2.115044
144.485790	94.108235	1103.231	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.914336	-142.170458	-1.231383
-47.458313	-14.162207	-44.847971	
0.25000	-1.914336	-142.151671	-1.231383
-47.484263	-6.707920	-63.855053	
0.50000	-1.914336	-142.135290	-1.231383
-47.516359	-6.336487	-82.867876	
0.75000	-1.914336	-142.120119	-1.231383
-47.550089	-5.988132	-101.881631	
1.00000	-1.914336	-142.106346	-1.231383
-47.600372	-5.672809	-120.895474	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.242718	29.108550	4.235153
367.113138	82.761459	629.270492	
0.25000	8.242718	29.118533	4.235153
367.065795	78.822475	881.674005	
0.50000	8.242718	29.134386	4.235153
367.034354	74.926546	1148.497	
0.75000	8.242718	29.151658	4.235153
367.008382	71.068210	1423.066	
1.00000	8.242718	29.169727	4.235153
366.993618	67.269851	1700.938	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.635526	-224.580068	-1.581565
-45.161297	-46.464154	-81.091999	
0.25000	-6.635526	-224.561279	-1.581565
-45.187296	-45.509758	-117.362071	
0.50000	-6.635526	-224.544897	-1.581565
-45.219402	-44.589673	-153.643139	
0.75000	-6.635526	-224.529726	-1.581565
-45.253200	-43.691075	-189.925066	
1.00000	-6.635526	-224.515952	-1.581565
-45.303498	-42.823227	-226.207007	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.849988	58.271456	4.290840
382.090240	101.892017	1358.297	
0.25000	9.849988	75.173713	4.290840
365.602982	99.486676	1863.485	
0.50000	9.849988	104.142224	4.290840
365.602982	97.703141	2318.696	
0.75000	9.849988	135.172837	4.290840

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365.602982    95.949982   2720.445
 1.00000      9.849988   166.234478      4.290840
365.602982    94.229017   3076.893

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -12.586822 -514.090631   -7.540092
-378.737470  -81.216817 -115.602550
 0.25000   -12.586822 -481.539658   -7.540092
-378.737470  -76.243605 -164.771779
 0.50000   -12.586822 -452.017378   -7.540092
-378.737470  -71.738517 -213.958426
 0.75000   -12.586822 -424.792288   -7.540092
-414.278387  -67.683336 -263.141548
 1.00000   -12.586822 -400.169670   -7.540092
-447.315474  -64.062174 -312.337506
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    376

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.243990   58.754841    7.313866
510.099648  102.011027   1210.046
 0.25000    9.243990   72.831590    7.313866
496.512882   97.940812   1683.398
 0.50000    9.243990   96.959645    7.313866
496.512882   94.701086   2111.898
 0.75000    9.243990  122.804755    7.313866
496.512882   91.721387   2497.561
 1.00000    9.243990  148.674372    7.313866
496.512882   88.984364   2845.451

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.241883 -469.114474   -6.455165
-339.071786  -83.347350 -120.092837
 0.25000  -12.241883 -442.004220   -6.455165
-339.071786  -80.357210 -173.773457
 0.50000  -12.241883 -417.415306   -6.455165
-339.071786  -77.797518 -227.467591
 0.75000  -12.241883 -394.739816   -6.455165
-368.549024  -76.142263 -281.165063
 1.00000  -12.241883 -374.231987   -6.455165
-396.050794  -75.730974 -334.881069

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.522256   15.564470    6.336380
292.502334   32.432163  112.419671
 0.25000    2.522256   15.574459    6.336380
292.454918   28.398137  184.733978
 0.50000    2.522256   15.590315    6.336380
292.423154   24.977385  257.212942
 0.75000    2.522256   15.607592    6.336380
292.397140   22.029163  329.658557
 1.00000    2.522256   15.625669    6.336380
292.382037   19.491316  402.082220

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.946395  -58.212311   -0.258125
-38.912122   -6.908197  -35.587842
 0.25000   -0.946395  -58.193514   -0.258125
-38.938360   -6.788426  -54.960596
 0.50000   -0.946395  -58.177128   -0.258125
-38.970520   -7.297751  -74.333888
 0.75000   -0.946395  -58.161953   -0.258125
-39.004658  -13.590234  -93.722516
 1.00000   -0.946395  -58.148175   -0.258125
-39.055033  -20.513870 -113.116899

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.213541   27.805733    9.399692
507.162621   43.797430  255.922279
 0.25000    3.213541   27.815715    9.399692
507.115293   38.967906  410.581284
 0.50000    3.213541   27.831568    9.399692
507.083917   34.841973  565.788022
 0.75000    3.213541   27.848639    9.399692
507.057952   31.128413  721.267323
 1.00000    3.213541   27.866906    9.399692
507.043257   28.217474  876.935699

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.828462 -125.058385   -1.263939
-55.580121  -74.583012  -66.582458
 0.25000   -8.828462 -125.039598   -1.263939
-55.606071  -76.373715 -101.207257
 0.50000   -8.828462 -125.023217   -1.263939
-55.638167  -81.212920 -135.839936
 0.75000   -8.828462 -125.008046   -1.263939
-55.671897  -86.924547 -170.488402
 1.00000   -8.828462 -124.994273   -1.263939
-55.722180  -93.275826 -205.145247
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    377

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.009883   38.036159    9.397472
601.058243   63.721325  518.466348
 0.25000    5.009883   38.045143    9.397472
601.015635   57.200711  781.573374
 0.50000    5.009883   38.059411    9.397472
600.987338   51.265679  1046.693
 0.75000    5.009883   38.074956    9.397472
600.963963   45.830653  1313.193
 1.00000    5.009883   38.091218    9.397472
600.950676   40.816318  1580.379

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.627611 -214.624963   -0.964375
-50.817308  -41.117158  -97.028520
 0.25000   -5.627611 -214.608054   -0.964375
-50.840707  -43.830411 -144.415125
 0.50000   -5.627611 -214.593310   -0.964375
-50.869602  -48.363878 -191.807311
 0.75000   -5.627611 -214.579656   -0.964375
-50.900021  -53.699605 -239.213766
 1.00000   -5.627611 -214.567260   -0.964375
-50.945289  -59.591102 -286.628044

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.944726   52.927628    9.023961
598.829677  125.541651   1000.853
 0.25000   11.944726   62.969151    9.023961
574.498431  119.571219   1411.075
 0.50000   11.944726   79.526952    9.023961
550.238162  114.090356   1794.486
 0.75000   11.944726   97.410625    9.023961
544.970662  109.032879   2150.250
 1.00000   11.944726  115.719851    9.023961
544.970662  104.341498   2480.594

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.304978 -395.700467   -4.296987
-219.510993  -53.436916 -115.712916
 0.25000   -8.304978 -376.589584   -4.296987
-221.699784  -53.772194 -169.003002
 0.50000   -8.304978 -359.599858   -4.296987
-250.433871  -55.852574 -222.299563
 0.75000   -8.304978 -343.898527   -4.296987
-276.919553  -58.809135 -275.608567
 1.00000   -8.304978 -329.670910   -4.296987
-300.930458  -62.381839 -328.931786

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.122800   53.644685    0.348012
73.786358   25.186397  943.539124
 0.25000    5.122800   71.380154    0.348012
73.786358   24.795967  1251.109
 0.50000    5.122800   90.265342    0.348012
73.786358   24.409411  1513.506
 0.75000    5.122800  109.811812    0.348012
73.786358   24.018352  1732.309
 1.00000    5.122800  129.507247    0.348012
73.786358   23.629769  1910.359

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.939311 -344.086283  -10.658533
-771.168839 -116.305846  -67.801804
 0.25000  -18.939311 -314.338680  -10.658533
-762.664180 -104.416999  -95.036944
 0.50000  -18.939311 -286.149066  -10.658533
-754.159521  -93.078796 -122.352883
 0.75000  -18.939311 -259.990927  -10.658533
-745.654862  -82.112107 -149.700851
 1.00000  -18.939311 -236.225091  -10.658533
-737.150203  -71.531413 -176.996730
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    378

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.107046   80.270392    1.999829
172.034742  109.823265   1439.996
 0.25000   15.107046  101.898604    1.999829
172.034742  108.105191   1905.975
 0.50000   15.107046  124.947451    1.999829
172.034742  106.423142   2334.361
 0.75000   15.107046  148.846949    1.999829
172.034742  104.778979   2714.142
 1.00000   15.107046  172.992074    1.999829
172.034742  103.165301   3046.622

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.619855 -522.591744  -13.026640
-898.719338 -129.219164 -121.406807
 0.25000  -22.619855 -486.722989  -13.026640
-895.423030 -115.996808 -170.144020
 0.50000  -22.619855 -452.765351  -13.026640
-892.126857 -103.339509 -218.045186
 0.75000  -22.619855 -421.277871  -13.026640
-888.830684  -91.113045 -267.808660
 1.00000  -22.619855 -392.677854  -13.026640
-885.534511  -79.258042 -316.530781

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.864823   90.930419    3.148951
367.890339   98.485826   1544.374
 0.25000   12.864823  110.800293    3.148951
367.890339   95.196423   2094.628
 0.50000   12.864823  131.979307    3.148951
367.890339   92.011229   2606.930
 0.75000   12.864823  153.955657    3.148951
367.890339   88.949928   3073.973
 1.00000   12.864823  176.140336    3.148951
367.890339   86.176803   3497.412

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -21.710730 -583.385184  -11.853511
-799.648604 -123.932504 -156.375968
 0.25000  -21.710730 -550.467116  -11.853511
-797.281234 -111.699562 -221.835868
 0.50000  -21.710730 -519.306028  -11.853511
-794.913960  -99.942054 -287.810601
 0.75000  -21.710730 -490.413846  -11.853511
-792.546687  -88.566450 -353.681658
 1.00000  -21.710730 -464.174281  -11.853511
-790.179414  -77.528927 -419.536032

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.689718   89.568528    5.752512
541.793678   96.079834   1389.303
 0.25000   11.689718  106.130972    5.752512
541.793678   91.712950   1916.192
 0.50000   11.689718  123.784644    5.752512
541.793678   87.628272   2411.364
 0.75000   11.689718  142.102931    5.752512
541.793678   83.867251   2868.930
 1.00000   11.689718  160.594870    5.752512
541.793678   80.450305   3290.268

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.515812 -546.308880  -10.647708
-688.828108 -140.809108 -168.461573
 0.25000  -22.515812 -518.870173  -10.647708
-686.854798 -130.922858 -236.748603
 0.50000  -22.515812 -492.895989  -10.647708
-684.881568 -121.595558 -305.808045
 0.75000  -22.515812 -468.813041  -10.647708
-682.908338 -112.826270 -375.723204
 1.00000  -22.515812 -446.941170  -10.647708
-680.935108 -104.808476 -445.993758
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    379

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.594258   23.511365    1.922710
149.023206   93.862762  449.078374
 0.25000   10.594258   23.517968    1.922710
149.003198   92.124194  606.397676
 0.50000   10.594258   23.525065    1.922710
148.984566   90.417477  775.710291
 0.75000   10.594258   23.532493    1.922710
148.967867   88.743440  948.447160
 1.00000   10.594258   23.540119    1.922710
148.953411   87.095240   1122.611

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.096116 -157.802886   -1.337232
-63.691881  -11.930780  -58.480766
 0.25000   -3.096116 -157.792497   -1.337232
-63.710561  -11.352595  -83.195727
 0.50000   -3.096116 -157.782724   -1.337232
-63.730682  -10.818063 -107.857932
 0.75000   -3.096116 -157.773700   -1.337232
-63.751846  -10.325103 -132.620188
 1.00000   -3.096116 -157.765528   -1.337232
-63.773554   -9.867191 -157.314539

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.618820   43.026327    4.086797
423.884737   83.682017  660.413624
 0.25000    8.618820   43.032930    4.086797
423.864729   80.153538  938.573447
 0.50000    8.618820   43.040027    4.086797
423.846098   76.788830  1228.699
 0.75000    8.618820   43.047455    4.086797
423.829398   73.495667  1521.803
 1.00000    8.618820   43.055082    4.086797
423.814943   70.310267  1816.805

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.256410 -264.226141   -1.904798
-62.378951  -43.932422 -112.326645
 0.25000   -7.256410 -264.215751   -1.904798
-62.397631  -43.016520 -158.249763
 0.50000   -7.256410 -264.205979   -1.904798
-62.417753  -42.176421 -204.559863
 0.75000   -7.256410 -264.196954   -1.904798
-62.438916  -41.402303 -251.014599
 1.00000   -7.256410 -264.188782   -1.904798
-62.460624  -40.684921 -297.549873

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.981341   81.546593    4.329366
469.521456  110.406457   1287.194
 0.25000   12.981341   99.015593    4.329366
435.702734  107.217078   1788.979
 0.50000   12.981341  117.707248    4.329366
429.662609  104.514585   2255.998
 0.75000   12.981341  137.190139    4.329366
429.278394  102.376556   2683.121
 1.00000   12.981341  157.066263    4.329366
429.073618  100.854252   3072.696

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.526968 -520.496253   -8.156756
-468.924605  -93.573458 -163.406644
 0.25000  -16.526968 -492.311513   -8.156756
-477.275246  -86.820755 -225.603372
 0.50000  -16.526968 -465.709120   -8.156756
-488.539350  -80.741407 -288.299486
 0.75000  -16.526968 -441.069712   -8.156756
-528.759423  -75.390028 -351.091387
 1.00000  -16.526968 -418.768964   -8.156756
-567.247655  -70.738338 -413.900660
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    380

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.228951   82.141093    7.617021
635.725436  111.466716   1165.812
 0.25000   12.228951   96.689469    7.617021
607.560831  105.963939   1645.905
 0.50000   12.228951  112.256085    7.617021
602.197424  101.261610   2097.105
 0.75000   12.228951  128.481652    7.617021
602.210570   97.403979   2521.067
 1.00000   12.228951  145.034707    7.617021
602.040030   94.411140   2901.858

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.227321 -488.082097   -7.118788
-419.376996  -91.627696 -168.377735
 0.25000  -15.227321 -464.609535   -7.118788
-426.331502  -86.802478 -235.797951
 0.50000  -15.227321 -442.454769   -7.118788
-435.712372  -83.031364 -303.988159
 0.75000  -15.227321 -421.934798   -7.118788
-469.208092  -81.167529 -373.076063
 1.00000  -15.227321 -403.362489   -7.118788
-501.261517  -80.088748 -442.177725

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.633129   21.787632    6.988262
372.448091   40.862486  138.286033
 0.25000    3.633129   21.794231    6.988262
372.428148   33.782935  226.987446
 0.50000    3.633129   21.801324    6.988262
372.409578   28.163858  315.709521
 0.75000    3.633129   21.808747    6.988262
372.392936   23.723478  404.438154
 1.00000    3.633129   21.816368    6.988262
372.378536   20.125128  493.192265

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.142747  -77.891235   -0.409804
-48.340564   -9.907968  -47.931182
 0.25000   -1.142747  -77.880950   -0.409804
-48.359203   -9.582809  -73.233788
 0.50000   -1.142747  -77.871081   -0.409804
-48.379280  -11.589975  -98.558063
 0.75000   -1.142747  -77.862061   -0.409804
-48.400397  -15.927999 -123.937309
 1.00000   -1.142747  -77.853892   -0.409804
-48.422053  -21.129675 -149.378646

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.383780   38.825236    9.921485
641.578039   52.113416  295.991320
 0.25000    4.383780   38.831837    9.921485
641.558068   44.773974  479.631780
 0.50000    4.383780   38.838931    9.921485
641.539472   38.644335  664.428104
 0.75000    4.383780   38.846357    9.921485
641.522806   33.649882  849.566189
 1.00000    4.383780   38.853980    9.921485
641.508382   29.281309   1034.849

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.918606 -163.028584   -1.621901
-68.200004  -66.147544 -100.071577
 0.25000   -7.918606 -163.018198   -1.621901
-68.218661  -67.765475 -142.239249
 0.50000   -7.918606 -163.008427   -1.621901
-68.238757  -71.286797 -185.137722
 0.75000   -7.918606 -162.999405   -1.621901
-68.259894  -75.991710 -228.307649
 1.00000   -7.918606 -162.991235   -1.621901
-68.281572  -81.503882 -271.587133
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    381

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.993016   53.273874    9.915839
730.380879   78.606213  577.133364
 0.25000    6.993016   53.345161    9.915839
730.165192   70.262609  878.439131
 0.50000    6.993016   53.421783    9.915839
729.964350   63.007674  1180.616
 0.75000    6.993016   53.501980    9.915839
729.784354   56.648751  1482.790
 1.00000    6.993016   53.584308    9.915839
729.628575   51.117759  1785.033

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.638513 -267.920644   -1.471302
-63.003042  -46.768025 -132.947177
 0.25000   -6.638513 -267.808466   -1.471302
-63.204533  -48.449153 -193.266791
 0.50000   -6.638513 -267.702947   -1.471302
-63.421570  -51.432278 -253.980054
 0.75000   -6.638513 -267.605506   -1.471302
-63.649845  -55.454021 -314.866785
 1.00000   -6.638513 -267.517267   -1.471302
-63.883974  -60.220777 -375.806292

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.768790   75.005608    9.494760
732.246987  130.143069  991.810424
 0.25000   13.768790   85.535451    9.494760
705.517679  122.667500   1420.834
 0.50000   13.768790   96.830269    9.494760
680.973357  116.288846   1831.859
 0.75000   13.768790  108.630515    9.494760
661.573229  110.912407   2219.718
 1.00000   13.768790  120.978970    9.494760
661.462168  106.392901   2585.313

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.116640 -427.494668   -4.882370
-272.010114  -66.067090 -164.844194
 0.25000  -11.116640 -410.730916   -4.882370
-288.321344  -64.937460 -232.722198
 0.50000  -11.116640 -394.945301   -4.882370
-317.172424  -65.122769 -300.825306
 0.75000  -11.116640 -380.322127   -4.882370
-347.410607  -66.474467 -369.153606
 1.00000  -11.116640 -367.122637   -4.882370
-377.842089  -68.715504 -437.488488

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.863913   65.477657    9.399692
601.058243  125.541651   1657.273
 0.25000   12.863913   85.160199    9.399692
601.015635  119.571219   2227.705
 0.50000   12.863913  121.265619    9.399692
600.987338  114.093356   2731.263
 0.75000   12.863913  160.235422    9.399692
600.963963  109.032879   3172.171
 1.00000   12.863913  200.178313    9.399692
600.950676  104.341498   3558.049

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.324338 -594.518982  -12.258106
-704.779096 -117.767047 -125.161517
 0.25000  -17.324338 -555.788512  -12.258106
-704.779096 -110.397853 -179.306988
 0.50000  -17.324338 -519.411344  -12.258106
-704.779096 -104.078347 -233.468494
 0.75000  -17.324338 -485.987925  -12.258106
-704.779096  -98.599260 -287.629139
 1.00000  -17.324338 -455.857946  -12.258106
-704.779096  -93.787645 -341.807540
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    382

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.107046   90.930419    9.921485
732.246987  130.143069   1544.374
 0.25000   15.107046  110.800293    9.921485
730.165192  122.667500   2094.628
 0.50000   15.107046  131.979307    9.921485
729.964350  116.288846   2606.930
 0.75000   15.107046  153.955657    9.921485
729.784354  110.912407   3073.973
 1.00000   15.107046  176.140336    9.921485
729.628575  106.392901   3497.412

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.619855 -583.385184  -13.026640
-898.719338 -140.809108 -168.461573
 0.25000  -22.619855 -550.467116  -13.026640
-895.423030 -130.922858 -236.748603
 0.50000  -22.619855 -519.306028  -13.026640
-892.126857 -121.595558 -305.808045
 0.75000  -22.619855 -490.413846  -13.026640
-888.830684 -112.826270 -375.723204
 1.00000  -22.619855 -464.174281  -13.026640
-885.534511 -104.808476 -445.993758

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.107046   90.930419    9.921485
732.246987  130.143069   1657.273
 0.25000   15.107046  110.800293    9.921485
730.165192  122.667500   2227.705
 0.50000   15.107046  131.979307    9.921485
729.964350  116.288846   2731.263
 0.75000   15.107046  160.235422    9.921485
729.784354  110.912407   3172.171
 1.00000   15.107046  200.178313    9.921485
729.628575  106.392901   3558.049

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.619855 -594.518982  -13.026640
-898.719338 -140.809108 -168.461573
 0.25000  -22.619855 -555.788512  -13.026640
-895.423030 -130.922858 -236.748603
 0.50000  -22.619855 -519.411344  -13.026640
-892.126857 -121.595558 -305.808045
 0.75000  -22.619855 -490.413846  -13.026640
-888.830684 -112.826270 -375.723204
 1.00000  -22.619855 -464.174281  -13.026640
-885.534511 -104.808476 -445.993758

 COMB  DESIGN ------------------- MAX
```

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.107046   90.930419    9.921485
732.246987  130.143069  1657.273
 0.25000   15.107046  110.800293    9.921485
730.165192  122.667500  2227.705
 0.50000   15.107046  131.979307    9.921485
729.964350  116.288846  2731.263
 0.75000   15.107046  160.235422    9.921485
729.784354  110.912407  3172.171
 1.00000   15.107046  200.178313    9.921485
729.628575  106.392901  3558.049

 COMB  DESIGN  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -22.619855  -594.518982  -13.026640
-898.719338 -140.909108 -168.461573
 0.25000  -22.619855  -555.788512  -13.026640
-895.423030 -130.922858 -236.748603
 0.50000  -22.619855  -519.411344  -13.026640
-892.126857 -121.595558 -305.808045
 0.75000  -22.619855  -490.413846  -13.026640
-888.830684 -112.826270 -375.723204
 1.00000  -22.619855  -464.174281  -13.026640
-885.534511 -104.808476 -445.993758
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         383

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        3 ================== LENGTH
=    4.987261

 COMB DB-G1-1  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.780289  108.628812    1.357114
 56.561910  10.262197   2056.936
 0.25000    2.780289  134.837484    1.357114
 56.561910  10.262197   2234.735
 0.50000    2.780289  163.183677    1.357114
 56.561910  12.441331   2367.466
 0.75000    2.780289  192.107006    1.357114
 56.561910  28.234592   2468.780
 1.00000    2.780289  220.191795    1.357114
 56.561910  44.771765   2529.960

 COMB DB-G1-1  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.781097  -315.016640  -14.441784
-538.261970  -45.791520 -137.370888
 0.25000  -12.781097  -287.823840  -14.441784
-538.261970  -33.139968 -157.222710
 0.50000  -12.781097  -260.946164  -14.441784
-538.261970  -22.450856 -177.074533
 0.75000  -12.781097  -235.758658  -14.441784
-538.261970  -13.671389 -196.926355
 1.00000  -12.781097  -212.707158  -14.441784
-538.261970   -8.615829 -216.778178

 COMB DB-G1-2  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.070636  149.194760    9.789989
129.869087   95.505405   3221.288
 0.25000   13.070636  181.700521    9.789989
129.869087   83.330720   3483.778
 0.50000   13.070636  216.963565    9.789989
129.869087   84.308856   3709.530
 0.75000   13.070636  252.898595    9.789989
129.869087   90.019529   3912.157
 1.00000   13.070636  288.658412    9.789989
129.869087   96.888568   4076.353

 COMB DB-G1-2  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.598867  -465.366592  -17.127391
-679.598374  -53.446809 -243.324713
 0.25000  -15.598867  -430.593495  -17.127391
-679.598374  -39.258725 -279.165057
 0.50000  -15.598867  -396.987450  -17.127391
-679.598374  -27.218524 -315.005401
 0.75000  -15.598867  -365.472152  -17.127391
-679.598374  -17.222268 -350.845745
 1.00000  -15.598867  -336.571682  -17.127391
-679.598374   -9.309688 -386.686089

 COMB DB-G1-3  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.180523  145.969514    7.794794
264.241715  67.773702   3559.104
 0.25000    9.180523  175.788176    7.794794
264.241715  58.134371   3876.346
 0.50000    9.180523  208.145967    7.794794
264.241715  61.736555   4159.561
 0.75000    9.180523  241.116662    7.794794
264.241715  69.801621   4421.552
 1.00000    9.180523  273.993324    7.794794
264.241715  79.573504   4646.384

 COMB DB-G1-3  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.131629  -490.940412  -15.562416
-595.225962  -50.175590 -319.582175
 0.25000  -15.131629  -458.959913  -15.562416
-595.225962  -37.015985 -368.057051
 0.50000  -15.131629  -428.110209  -15.562416
-595.225962  -25.713531 -416.531927
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         384

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -15.131629  -399.177474  -15.562416
-595.225962  -16.289092 -465.006802
 1.00000  -15.131629  -372.643280  -15.562416
-595.225962   -8.757469 -513.481678

 COMB DB-G1-4  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.207272  132.075567    9.564247
381.891201  65.595623   3292.415
 0.25000    8.207272  156.924452    9.564247
381.891201  55.667868   3603.569
 0.50000    8.207272  183.889278    9.564247
381.891201  57.025819   3886.954
 0.75000    8.207272  211.364857    9.564247
381.891201  61.848376   4153.045
 1.00000    8.207272  238.762075    9.564247
381.891201  68.845082   4388.671

 COMB DB-G1-4  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.430942  -448.483116  -17.520679
-517.019944  -92.563657 -341.935003
 0.25000  -18.430942  -421.832700  -17.520679
-517.019944  -76.284195 -395.371993
 0.50000  -18.430942  -396.124613  -17.520679
-517.019944  -62.251856 -448.808983
 0.75000  -18.430942  -372.014001  -17.520679
-517.019944  -50.602395 -502.245973
 1.00000  -18.430942  -349.902172  -17.520679
-517.019944  -41.396858 -555.682964

 COMB DB-G2-1  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.506127   25.266681    9.525563
116.254083  94.735129   1102.763
 0.25000   11.506127   25.280327    9.525563
116.212637  82.872952   1180.446
 0.50000   11.506127   25.295366    9.525563
116.183075  71.013167   1261.507
 0.75000   11.506127   25.310611    9.525563
116.160075  59.156112   1399.823
 1.00000   11.506127   25.327404    9.525563
116.148066  47.301180   1531.341

 COMB DB-G2-1  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.407452  -113.981230   -1.405185
-106.639548  -5.239744 -120.969062
 0.25000   -2.407452  -113.964627   -1.405185
-106.677366  -4.377634 -139.637780
 0.50000   -2.407452  -113.949978   -1.405185
-106.713987  -3.606063 -158.306498
 0.75000   -2.407452  -113.936192   -1.405185
-106.751596  -2.847827 -176.975216
 1.00000   -2.407452  -113.923496   -1.405185
-106.795356  -2.103849 -195.643934

 COMB DB-G2-2  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.838010   38.502471    8.497863
302.967398  69.224615   1699.417
 0.25000    7.838010   38.516119    8.497863
302.925937  59.671169   1853.833
 0.50000    7.838010   38.531159    8.497863
302.896315  50.649160   2032.097
 0.75000    7.838010   38.546405    8.497863
302.873307  41.899547   2228.510
 1.00000    7.838010   38.563200    8.497863
302.861235  34.745861   2436.614

 COMB DB-G2-2  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.420109  -180.625780   -5.095853
-92.251142  -42.530895 -226.221069
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         385

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -7.420109  -180.609176   -5.095853
-92.288975  -36.129675 -262.275909
 0.50000   -7.420109  -180.594526   -5.095853
-92.325608  -31.400633 -298.330749
 0.75000   -7.420109  -180.580738   -5.095853
-92.363228  -25.879636 -334.385588
 1.00000   -7.420109  -180.568041   -5.095853
-92.407004  -20.362045 -370.440428

 COMB DB-G2-3  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.409960  116.141231    9.773040
311.000852  96.154693   3076.694
 0.25000    9.409960  140.522006    9.773040
310.051450  85.535335   3375.095
 0.50000    9.409960  167.172062    9.773040
310.051450  75.219411   3645.612
 0.75000    9.409960  194.260200    9.773040
310.051450  68.074101   3895.183
 1.00000    9.409960  222.593298    9.773040
310.051450  69.146562   4115.657

 COMB DB-G2-3  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.755307  -427.493869  -12.850829
-369.386021  -62.930299 -312.508649
 0.25000  -13.755307  -399.711183  -12.850829
-369.386021  -51.143782 -360.844449
 0.50000  -13.755307  -374.046506  -12.850829
-390.827534  -40.348774 -409.180250
 0.75000  -13.755307  -349.936324  -12.850829
-422.236546  -30.642335 -457.515950
 1.00000  -13.755307  -327.781637  -12.850829
-449.851005  -22.067808 -505.851851

 COMB DB-G2-4  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.483663  107.302541   12.303998
424.383073   91.455433   2844.336
 0.25000    8.483663  127.608928   12.303998
423.731300   79.466171   3135.752
 0.50000    8.483663  149.805154   12.303998
423.731300   68.349275   3404.233
 0.75000    8.483663  172.366320   12.303998
423.731300   60.387152   3655.440
 1.00000    8.483663  195.962943   12.303998
423.731300   60.137036   3882.437

 COMB DB-G2-4  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.276522  -391.136690  -11.754854
-332.340167  -74.449961 -334.900581
 0.25000  -13.276522  -367.998699  -11.754854
-332.340167  -65.206499 -388.276795
 0.50000  -13.276522  -346.623454  -11.754854
-350.084278  -57.648971 -441.653008
 0.75000  -13.276522  -326.542939  -11.754854
-376.229421  -51.812695 -495.029222
 1.00000  -13.276522  -308.091134  -11.754854
-399.215107  -47.926354 -548.405436

 COMB DB-G3-1  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.961322   16.122519    7.473786
254.483728   20.705019  400.625933
 0.25000    1.961322   16.136170    7.473786
254.442194   15.115604  462.490156
 0.50000    1.961322   16.151215    7.473786
254.412271   10.479235  524.703164
 0.75000    1.961322   16.166466    7.473786
254.389222    6.699317  587.003609
 1.00000    1.961322   16.183270    7.473786
254.376833    3.816787  649.351778
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         386

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.247733   -50.730075   -0.601133
-41.477449  -19.617878 -112.913516
 0.25000   -1.247733   -50.713460   -0.601133
-41.515353  -24.965926 -132.946020
 0.50000   -1.247733   -50.698804   -0.601133
-41.552046  -30.772655 -152.978523
 0.75000   -1.247733   -50.685011   -0.601133
-41.589725  -37.083938 -173.011027
 1.00000   -1.247733   -50.672309   -0.601133
-41.633578  -44.006323 -193.043604

 COMB DB-G3-2  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.661452   28.914712   10.247676
435.254250  30.267673  874.468468
 0.25000    2.661452   28.928358   10.247676
435.212804  23.052570  996.822005
 0.50000    2.661452   28.943397   10.247676
435.183242  16.896893  1121.965
 0.75000    2.661452   28.958643   10.247676
435.160242  11.788476  1248.729
 1.00000    2.661452   28.975435   10.247676
435.148233   7.802043   1376.646

 COMB DB-G3-2  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.168960  -105.488290   -7.126950
-60.959179  -92.355328 -204.860507
 0.25000   -9.168960  -105.471688   -7.126950
-60.996997  -88.940728 -240.361532
 0.50000   -9.168960  -105.457039   -7.126950
-61.033617  -86.341067 -275.862557
 0.75000   -9.168960  -105.443252   -7.126950
-61.071226  -84.521041 -311.364908
 1.00000   -9.168960  -105.430556   -7.126950
-61.114987  -83.484276 -346.867264

 COMB DB-G3-3  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.119007   39.158907   11.043275
508.735584  43.425465   1577.557
 0.25000    4.119007   39.171190   11.043275
508.692270  34.536273   1765.698
 0.50000    4.119007   39.184726   11.043275
508.671610  26.793613   1963.129
 0.75000    4.119007   39.198447   11.043275
508.650903  20.115083   2167.741
 1.00000    4.119007   39.213563   11.043275
508.640038  14.907880   2375.906

 COMB DB-G3-3  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.514694  -175.642337   -3.976408
-70.181070  -58.750013 -286.402056
 0.25000   -6.514694  -175.627393   -3.976408
-70.215119  -58.648593 -334.393062
 0.50000   -6.514694  -175.614208   -3.976408
-70.248089  -59.306858 -382.384069
 0.75000   -6.514694  -175.601799   -3.976408
-70.281947  -60.712584 -430.375075
 1.00000   -6.514694  -175.590372   -3.976408
-70.321346  -62.855496 -478.366082

 COMB DB-G3-4  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.074624   86.870474   15.703231
507.986047  107.018868   2478.715
 0.25000   11.074624  100.972072   15.703231
487.541036  91.479680   2740.552
 0.50000   11.074624  116.440642   15.703231
466.716321  77.023113   2992.035
 0.75000   11.074624  132.141527   15.703231
465.023060  64.488626   3234.795
 1.00000   11.074624  149.005684   15.703231
465.023060  53.513771   3463.995
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         387

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.424515  -330.812955   -7.715293
-232.593709  -60.956034 -328.857674
 0.25000   -9.424515  -314.205579   -7.715293
-254.076463  -57.552251 -382.188072
 0.50000   -9.424515  -299.222995   -7.715293
-278.647895  -55.484628 -435.518470
 0.75000   -9.424515  -285.134809   -7.715293
-301.656368  -54.425963 -488.848869
 1.00000   -9.424515  -272.174892   -7.715293
-337.221902  -54.527427 -542.179267

 COMB DL-G1-1  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.902414   96.851497    2.422687
 74.251345  21.829114   1913.101
 0.25000    5.902414  114.023869    2.422687
 74.251345  18.825084   2100.546
 0.50000    5.902414  132.590323    2.422687
 74.251345  21.515872   2251.487
 0.75000    5.902414  152.090067    2.422687
 74.251345  32.592182   2365.352
 1.00000    5.902414  171.900506    2.422687
 74.251345  46.410601   2443.820

 COMB DL-G1-1  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -20.022743  -274.594964  -18.391805
-650.984638  -69.111653 -177.039889
 0.25000  -20.022743  -250.859817  -18.391805
-642.480068  -48.849028 -203.325102
 0.50000  -20.022743  -227.972349  -18.391805
-633.975498  -33.868712 -229.504837
 0.75000  -20.022743  -206.315913  -18.391805
-625.470929  -24.058753 -255.763946
 1.00000  -20.022743  -186.329087  -18.391805
-616.966359  -14.985244 -283.022240

 COMB DL-G1-2  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.932496  142.104714   10.070159
160.354357  101.628392   3049.562
 0.25000   15.932496  163.108104   10.070159
160.354357   91.033488   3336.026
 0.50000   15.932496  185.773482   10.070159
160.354357   90.089942   3592.316
 0.75000   15.932496  209.617099   10.070159
160.354357   93.883708   3814.695
 1.00000   15.932496  233.872956   10.070159
160.354357  100.602636   3995.138

 COMB DL-G1-2  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.434564  -416.886643   -21.473019
-796.780244  -75.559866 -316.816207
 0.25000  -24.434564  -387.875852   -21.473019
-793.484105  -53.510244 -363.294970
 0.50000  -24.434564  -359.983436   -21.473019
-790.187967  -36.570268 -409.886908
 0.75000  -24.434564  -333.649524   -21.473019
-786.891829  -23.705301 -456.385193
 1.00000  -24.434564  -309.387069   -21.473019
-783.595690  -14.204288 -504.253998

 COMB DL-G1-3  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.516199  144.634258    9.531873
309.302642  86.309955   3499.099
 0.25000   13.516199  163.934008    9.531873
309.302642  76.660882   3856.421
 0.50000   13.516199  184.762875    9.531873
309.302642  76.215496   4184.941
 0.75000   13.516199  206.676247    9.531873
309.302642  79.893086   4480.862
 1.00000   13.516199  228.972523    9.531873
309.302642  86.522635   4738.855
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         388

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.857292  -463.462459   -20.103254
-707.060827  -74.443326 -419.794353
 0.25000  -23.857292  -436.802506   -20.103254
-704.693579  -53.814565 -483.584921
 0.50000  -23.857292  -411.176804   -20.103254
-702.326331  -37.632075 -547.553755
 0.75000  -23.857292  -386.988172   -20.103254
-699.959082  -25.086029 -611.444380
 1.00000  -23.857292  -364.707402   -20.103254
-697.591834  -15.661828 -676.572218

 COMB DL-G1-4  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.260199  134.599404   11.221258
458.669726  81.534937   3290.644
 0.25000   12.260199  150.686623   11.221258
458.669726  71.204516   3647.017
 0.50000   12.260199  168.048432   11.221258
458.669726  68.891392   3979.605
 0.75000   12.260199  186.314664   11.221258
458.669726  70.406344   4285.002
 1.00000   12.260199  204.899185   11.221258
458.669726  74.742190   4559.072

 COMB DL-G1-4  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.553824  -438.108719   -20.146488
-613.656514 -102.478479 -446.131064
 0.25000  -24.553824  -415.886436   -20.146488
-611.683305  -82.630193 -515.162252
 0.50000  -24.553824  -394.526248   -20.146488
-609.710096  -66.960951 -584.715163
 0.75000  -24.553824  -374.363923   -20.146488
-607.736887  -54.915370 -654.369771
 1.00000  -24.553824  -355.791887   -20.146488
-605.763678  -46.141746 -725.075191

 COMB DL-G2-1  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.499060   32.304273    8.435908
123.996620  87.972160   1122.272
 0.25000   10.499060   32.310753    8.435908
123.978987  78.053666   1222.311
 0.50000   10.499060   32.317768    8.435908
123.962514  68.239785   1341.359
 0.75000   10.499060   32.325180    8.435908
123.947626  58.534325   1465.295
 1.00000   10.499060   32.332749    8.435908
123.934662  48.968930   1590.333

 COMB DL-G2-1  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.777512  -121.404109   -2.029908
-94.966602   -9.094570 -157.370670
 0.25000   -3.777512  -121.395137   -2.029908
-94.983940   -7.470018 -181.191124
 0.50000   -3.777512  -121.386595   -2.029908
-95.002679   -6.025790 -205.040381
 0.75000   -3.777512  -121.378641   -2.029908
-95.022436   -4.687992 -228.843194
 1.00000   -3.777512  -121.371390   -2.029908
-95.042689   -3.494022 -252.636044

 COMB DL-G2-2  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.564200   51.323290    8.547187
342.184120  72.801598   1815.264
 0.25000    8.564200   51.329770    8.547187
342.166487  63.644673   2014.777
 0.50000    8.564200   51.336785    8.547187
342.150014  54.945949   2226.704
 0.75000    8.564200   51.344197    8.547187
342.135126  46.505663   2446.927
 1.00000    8.564200   51.351766    8.547187
342.122161  38.559808   2669.588
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         389

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.443627  -207.236191   -5.001754
-90.173959  -40.349334 -297.576759
 0.25000   -8.443627  -207.227218   -5.001754
-90.191297  -35.279375 -343.536955
 0.50000   -8.443627  -207.218676   -5.001754
-90.210036  -30.431296 -390.144705
 0.75000   -8.443627  -207.210723   -5.001754
-90.229793  -25.782795 -436.987981
 1.00000   -8.443627  -207.203471   -5.001754
-90.250046  -21.425947 -483.879013

 COMB DL-G2-3  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.357213  119.796005   11.027377
383.959210  102.213351   3072.972
 0.25000   13.357213  136.830161   11.027377
357.744632   92.318358   3414.705
 0.50000   13.357213  155.263739   11.027377
357.173703   83.742058   3729.211
 0.75000   13.357213  174.690056   11.027377
357.157279   77.910193   4013.221
 1.00000   13.357213  194.455412   11.027377
357.131062   77.381716   4264.426

 COMB DL-G2-3  ---------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.504155  -417.691830   -14.468192
-426.116273  -68.636879 -414.066051
 0.25000  -18.504155  -394.106961   -14.468192
-435.376160  -55.361741 -475.087411
 0.50000  -18.504155  -371.573788   -14.468192
-464.118047  -43.737312 -536.613752
 0.75000  -18.504155  -350.408670   -14.468192
-500.540493  -33.828728 -599.249937
 1.00000  -18.504155  -331.037785   -14.468192
-535.284223  -25.631314 -661.189018

 COMB DL-G2-4  ---------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.342179  114.425246   13.803955
532.684694  96.871737   2900.998
 0.25000   12.342179  128.611479   13.803955
510.852904  85.106396   3240.708
 0.50000   12.342179  143.963167   13.803955
510.377428  75.251551   3557.822
 0.75000   12.342179  160.141618   13.803955
510.363750  68.240617   3849.751
 1.00000   12.342179  176.602424   13.803955
510.341916  66.364681   4114.240
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COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.071454	-396.366062	-13.189659
-385.196948	-78.502755	-442.197218	
0.25000	-17.071454	-376.724323	-13.189659
-392.908683	-68.554999	-510.212070	
0.50000	-17.071454	-357.958448	-13.189659
-416.845244	-60.723170	-578.529267	
0.75000	-17.071454	-340.331905	-13.189659
-447.178259	-55.202608	-647.716689	
1.00000	-17.071454	-324.199618	-13.189659
-476.113220	-51.857348	-716.323085	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.225220	22.477365	8.994541
327.913144	22.106751	491.521978	
0.25000	3.225220	22.483841	8.994541
327.895575	15.571636	571.564252	
0.50000	3.225220	22.490851	8.994541
327.879162	10.308286	651.633582	
0.75000	3.225220	22.498258	8.994541
327.864330	6.281385	731.703750	
1.00000	3.225220	22.505822	8.994541
327.851418	3.526342	811.765478	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
390

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.472855	-70.269378	-0.957433
-51.442222	-1.217564	-145.197300	
0.25000	-1.472855	-70.260411	-0.957433
-51.459510	-25.335379	-175.409850	
0.50000	-1.472855	-70.251874	-0.957433
-51.478202	-30.641236	-201.623837	
0.75000	-1.472855	-70.243926	-0.957433
-51.497910	-37.134711	-227.833991	
1.00000	-1.472855	-70.236678	-0.957433
-51.518112	-44.684613	-254.048723	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.166247	39.992242	11.786302
552.461222	32.284939	1032.026	
0.25000	4.166247	39.998720	11.786302
552.443626	23.823777	1190.117	
0.50000	4.166247	40.005732	11.786302
552.427187	16.907274	1349.308	
0.75000	4.166247	40.013140	11.786302
552.412331	11.463857	1508.977	
1.00000	4.166247	40.020707	11.786302
552.399397	7.366602	1668.989	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.628135	-141.228907	-6.253492
-73.288982	-81.901588	-271.361926	
0.25000	-8.628135	-141.219937	-6.253492
-73.306288	-80.111537	-315.936608	
0.50000	-8.628135	-141.211398	-6.253492
-73.325001	-79.152944	-362.381734	
0.75000	-8.628135	-141.203448	-6.253492
-73.344730	-80.831020	-408.788487	
1.00000	-8.628135	-141.196198	-6.253492
-73.364954	-83.205813	-455.208497	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.581025	53.991203	13.105815
614.957520	54.962570	1781.890	
0.25000	6.581025	54.061164	13.105815
614.767480	44.743701	2021.493	
0.50000	6.581025	54.136891	13.105815
614.589942	34.838631	2264.116	
0.75000	6.581025	54.216907	13.105815
614.429498	26.746277	2507.038	
1.00000	6.581025	54.298624	13.105815
614.289803	19.947147	2751.890	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.837414	-219.117668	-4.657733
-81.535752	-60.481920	-375.633186	
0.25000	-7.837414	-219.020801	-4.657733
-81.722661	-59.959324	-437.391355	
0.50000	-7.837414	-218.928580	-4.657733
-81.924756	-60.705472	-499.832268	
0.75000	-7.837414	-218.842711	-4.657733
-82.137827	-62.757233	-562.507072	
1.00000	-7.837414	-218.764419	-4.657733
-82.356247	-66.073182	-625.187024	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.608594	98.172140	16.844185
623.621287	109.483932	2583.531	
0.25000	13.608594	108.469857	16.844185
600.816449	94.680972	2897.122	
0.50000	13.608594	119.624238	16.844185
579.558490	81.469079	3196.899	
0.75000	13.608594	131.390801	16.844185
563.284531	69.980264	3479.822	
1.00000	13.608594	143.395934	16.844185
563.185448	60.341290	3743.692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
391

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.824541	-349.767250	-9.196575
-274.358190	-67.619255	-437.407633	
0.25000	-12.824541	-335.503049	-9.196575
-298.578981	-62.897654	-504.937605	
0.50000	-12.824541	-321.907604	-9.196575
-324.968412	-59.897712	-573.037054	
0.75000	-12.824541	-309.177853	-9.196575
-352.712795	-58.693317	-641.824972	
1.00000	-12.824541	-297.562389	-9.196575
-380.819738	-59.218439	-710.223507	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.070636	149.194760	15.703231
508.735584	107.018868	3559.104	
0.25000	13.070636	181.700521	15.703231
508.698270	91.479680	3876.346	
0.50000	13.070636	216.963565	15.703231
508.671610	84.308561	4159.561	
0.75000	13.070636	252.898595	15.703231
508.650903	90.019529	4421.552	
1.00000	13.070636	288.658412	15.703231
508.640038	96.888568	4646.384	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.430942	-490.940412	-17.520679
-679.598374	-92.563657	-341.935003	
0.25000	-18.430942	-458.959913	-17.520679
-679.598374	-88.940728	-395.371993	
0.50000	-18.430942	-428.110209	-17.520679
-679.598374	-86.341067	-448.808983	
0.75000	-18.430942	-399.177474	-17.520679
-679.598374	-84.521041	-502.245973	
1.00000	-18.430942	-372.643280	-17.520679
-679.598374	-83.484276	-555.682964	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.932496	144.634258	16.844185
623.621287	109.483932	3499.099	
0.25000	15.932496	163.934008	16.844185
614.767480	94.680972	3856.421	
0.50000	15.932496	185.773482	16.844185
614.589942	90.089942	4184.941	
0.75000	15.932496	209.617099	16.844185
614.429498	93.883708	4480.862	
1.00000	15.932496	233.872955	16.844185
614.289803	100.602636	4738.855	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.553824	-463.462459	-21.473019
-796.780244	-102.478479	-446.131064	
0.25000	-24.553824	-436.802506	-21.473019
-793.484105	-82.630193	-515.162252	
0.50000	-24.553824	-411.176804	-21.473019
-790.187967	-79.752944	-584.715163	
0.75000	-24.553824	-386.984172	-21.473019
-786.891829	-80.831020	-654.369771	
1.00000	-24.553824	-364.707402	-21.473019
-783.595690	-83.205813	-725.075191	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.932496	149.194760	16.844185
623.621287	109.483932	3559.104	
0.25000	15.932496	181.700521	16.844185
614.767480	94.680972	3876.346	
0.50000	15.932496	216.963565	16.844185
614.589942	90.089942	4184.941	
0.75000	15.932496	252.898595	16.844185
614.429498	93.883708	4480.862	
1.00000	15.932496	288.658412	16.844185
614.289803	100.602636	4738.855	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
392

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.553824	-490.940412	-21.473019
-796.780244	-102.478479	-446.131064	
0.25000	-24.553824	-458.959913	-21.473019
-793.484105	-88.940728	-515.162252	
0.50000	-24.553824	-428.110209	-21.473019
-790.187967	-86.341067	-584.715163	
0.75000	-24.553824	-399.177474	-21.473019
-786.891829	-84.521041	-654.369771	
1.00000	-24.553824	-372.643280	-21.473019
-783.595690	-83.484276	-725.075191	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.932496	149.194760	16.844185
623.621287	109.483932	3559.104	
0.25000	15.932496	181.700521	16.844185
614.767480	94.680972	3876.346	
0.50000	15.932496	216.963565	16.844185
614.589942	90.089942	4184.941	
0.75000	15.932496	252.898595	16.844185
614.429498	93.883708	4480.862	
1.00000	15.932496	288.658412	16.844185
614.289803	100.602636	4738.855	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.553824	-490.940412	-21.473019
-796.780244	-102.478479	-446.131064	
0.25000	-24.553824	-458.959913	-21.473019
-793.484105	-88.940728	-515.162252	
0.50000	-24.553824	-428.110209	-21.473019
-790.187967	-86.341067	-584.715163	
0.75000	-24.553824	-399.177474	-21.473019
-786.891829	-84.521041	-654.369771	
1.00000	-24.553824	-372.643280	-21.473019
-783.595690	-83.484276	-725.075191	

ELEM 4 ========== LENGTH = 4.987335

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.178252	150.213685	0.918047
60.090353	45.132562	2534.476	
0.25000	3.178252	174.031702	0.918047
60.090353	52.239031	2640.163	
0.50000	3.178252	199.376682	0.918047
60.090353	60.202358	2708.037	
0.75000	3.178252	225.748242	0.918047
60.090353	68.980242	2736.796	
1.00000	3.178252	251.706486	0.918047
60.090353	78.779994	2730.949	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.005254	-284.387188	-9.632978
-427.579702	-8.717761	-216.996072	
0.25000	-13.005254	-258.802643	-9.632978
-427.579702	-7.045538	-237.111252	
0.50000	-13.005254	-233.320761	-9.632978
-427.579702	-5.384480	-257.226431	
0.75000	-13.005254	-209.328353	-9.632978
-427.579702	-3.737272	-277.341610	
1.00000	-13.005254	-187.321489	-9.632978
-427.579702	-2.092084	-297.456789	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.319644	215.892129	6.807266
136.466232	97.956765	4077.888	
0.25000	13.319644	245.749834	6.807266
136.466232	97.740940	4218.332	
0.50000	13.319644	277.456649	6.807266
136.466232	98.854339	4325.712	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
393

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.222291	-413.105885	-11.854002
-577.354505	-8.594312	-387.007692	
0.25000	-16.222291	-380.281452	-11.854002
-577.354505	-4.021251	-423.214140	
0.50000	-16.222291	-348.356463	-11.854002
-577.354505	-3.093621	-459.420588	
0.75000	-16.222291	-318.261609	-11.854002
-577.354505	-2.677896	-495.627035	
1.00000	-16.222291	-290.541454	-11.854002
-577.354505	-2.926291	-531.833483	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.393423	201.160690	5.290065
246.168894	81.534500	4647.313	
0.25000	9.393423	228.573509	5.290065
246.168894	83.158809	4814.989	
0.50000	9.393423	257.681607	5.290065
246.168894	86.335942	4954.038	
0.75000	9.393423	287.940032	5.290065
246.168894	92.304746	5070.182	
1.00000	9.393423	318.533218	5.290065
246.168894	101.191119	5160.631	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.079130	-425.453714	-10.709587
-561.178351	-8.223574	-513.756505	
0.25000	-16.079130	-395.257518	-10.709587
-561.178351	-3.948298	-562.491394	
0.50000	-16.079130	-365.946142	-10.709587
-561.178351	-3.545683	-611.226283	
0.75000	-16.079130	-338.301556	-10.709587
-561.178351	-3.406548	-659.961171	
1.00000	-16.079130	-312.851452	-10.709587
-561.178351	-3.916416	-708.696060	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.437400	178.063345	6.973021
322.645162	70.864142	4387.770	
0.25000	8.437400	200.967360	6.973021
322.645162	71.223713	4555.916	
0.50000	8.437400	225.164108	6.973021
322.645162	73.171118	4700.458	
0.75000	8.437400	250.379463	6.973021
322.645162	77.698473	4825.138	
1.00000	8.437400	275.873785	6.973021
322.645162	85.037486	4929.711	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.167673	-381.706873	-12.575080
-487.688102	-40.786616	-555.819003	
0.25000	-19.167673	-356.546377	-12.575080
-487.688102	-34.306167	-609.269825	
0.50000	-19.167673	-332.120230	-12.575080
-487.688102	-32.029199	-662.728747	
0.75000	-19.167673	-309.083075	-12.575080
-487.688102	-32.718146	-716.187669	
1.00000	-19.167673	-287.874655	-12.575080
-487.688102	-33.351023	-769.646591	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.239200	43.023673	6.541671
120.583243	48.023305	1531.170	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
394

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.239200	43.036784	6.541671
120.543995	39.885021	1549.819	
0.50000	11.239200	43.050643	6.541671
120.510547	31.905793	1590.250	
0.75000	11.239200	43.064996	6.541671
120.482105	26.415523	1654.504	
1.00000	11.239200	43.080991	6.541671
120.460800	23.868637	1737.043	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.833242	-90.547153	-1.166305
-154.939703	-1.908572	-195.718480	
0.25000	-2.833242	-90.531286	-1.166305
-154.970944	-1.418238	-214.439049	
0.50000	-2.833242	-90.517251	-1.166305
-155.004532	-1.571474	-233.159618	
0.75000	-2.833242	-90.503915	-1.166305
-155.039840	-1.989163	-251.880187	
1.00000	-2.833242	-90.491525	-1.166305
-155.081334	-2.438518	-270.600756	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.521260	50.413503	6.040970
267.693933	36.624397	2435.794	
0.25000	7.521260	50.426615	6.040970
267.654671	30.864055	2496.078	
0.50000	7.521260	50.440476	6.040970
267.621212	25.624381	2580.562	
0.75000	7.521260	50.454829	6.040970
267.592718	22.455857	2689.850	
1.00000	7.521260	50.470826	6.040970
267.571406	21.564597	2818.883	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.054828	-138.493966	-3.825874
-181.102416	-20.441026	-370.454232	
0.25000	-8.054828	-138.478096	-3.825874
-181.133669	-16.763311	-406.419489	
0.50000	-8.054828	-138.464060	-3.825874
-181.167269	-14.831919	-442.384746	
0.75000	-8.054828	-138.450723	-3.825874
-181.202589	-14.915711	-478.350003	
1.00000	-8.054828	-138.438332	-3.825874
-181.244097	-15.666569	-514.315260	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.076779	158.818261	7.585225
302.719520	71.227765	4115.688	
0.25000	9.076779	181.702206	7.585225
275.986996	69.037816	4275.180	
0.50000	9.076779	205.949343	7.585225
275.101436	68.302786	4412.216	
0.75000	9.076779	231.109371	7.585225
275.101436	70.361053	4528.712	
1.00000	9.076779	257.199410	7.585225
275.101436	74.811480	4625.033	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.640857	-365.194419	-9.287551
-373.294387	-21.734762	-506.024226	
0.25000	-14.640857	-338.803419	-9.287551
-373.294387	-16.646420	-554.467389	
0.50000	-14.640857	-314.321170	-9.287551
-399.503012	-14.408505	-602.910551	
0.75000	-14.640857	-291.149201	-9.287551
-429.399808	-14.116739	-651.353714	
1.00000	-14.640857	-269.723091	-9.287551
-456.102026	-15.115918	-699.796877	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
395

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.184012	142.539354	9.495816
369.800344	62.265481	3881.755	
0.25000	8.184012	161.598536	9.495816
347.546319	59.146798	4041.182	
0.50000	8.184012	181.793126	9.495816
346.924388	57.667600	4182.188	
0.75000	8.184012	202.748080	9.495816
346.924388	58.942812	4306.434	
1.00000	8.184012	224.960171	9.495816
346.924388	62.851030	4413.919	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.043122	-328.194325	-9.046056
-335.862767	-47.116859	-548.424756	
0.25000	-14.043122	-306.215523	-9.046056
-335.862767	-43.412417	-601.685033	
0.50000	-14.043122	-285.825188	-9.046056
-357.574872	-42.570895	-654.885310	
0.75000	-14.043122	-266.526224	-9.046056
-382.460902	-43.773227	-708.115587	
1.00000	-14.043122	-248.681413	-9.046056
-404.686844	-46.619269	-761.345865	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.483682	15.838492	5.440276
180.903982	4.439936	648.257524	
0.25000	1.483682	15.851610	5.440276
180.864651	2.251937	687.729868	
0.50000	1.483682	15.865475	5.440276
180.831138	1.375148	727.419537	
0.75000	1.483682	15.879835	5.440276
180.802386	0.912566	767.530061	
1.00000	1.483682	15.895842	5.440276
180.781034	0.801880	807.788051	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.553223	-35.039411	-0.491759
-40.579918	-43.110451	-192.838553	
0.25000	-1.553223	-35.023539	-0.491759
-40.611229	-45.217937	-212.482907	
0.50000	-1.553223	-35.009496	-0.491759
-40.644887	-47.966202	-232.127262	
0.75000	-1.553223	-34.996154	-0.491759
-40.680265	-51.048947	-251.771616	
1.00000	-1.553223	-34.983757	-0.491759
-40.721848	-55.737831	-271.415970	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.195836	28.941818	7.999870
318.082312	8.954603	1374.842	
0.25000	2.195836	28.954929	7.999870
318.043064	5.731509	1447.622	
0.50000	2.195836	28.968788	7.999870
318.009616	3.493807	1522.616	
0.75000	2.195836	28.983141	7.999870
317.981174	2.521867	1599.664	
1.00000	2.195836	28.999135	7.999870
317.959869	2.589878	1678.795	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.438898	-73.991258	-5.772995
-63.288983	-82.732255	-346.579258	
0.25000	-9.438898	-73.975391	-5.772995
-63.320225	-78.899347	-381.522320	
0.50000	-9.438898	-73.961305	-5.772995
-63.353813	-76.751296	-416.465382	
0.75000	-9.438898	-73.948020	-5.772995
-63.389121	-78.635681	-451.408444	
1.00000	-9.438898	-73.935630	-5.772995
-63.430615	-83.496881	-486.351506	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
396

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.432975	40.479064	8.009829
395.398990	16.982317	2374.015	
0.25000	3.432975	40.490865	8.009829
395.363655	13.124966	2470.474	
0.50000	3.432975	40.503339	8.009829
395.333541	10.474775	2578.748	
0.75000	3.432975	40.516258	8.009829
395.307897	9.272767	2697.321	
1.00000	3.432975	40.530655	8.009829
395.288716	9.198308	2826.331	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.299572	-128.006138	-3.478906
-142.839599	-62.093733	-478.137668	
0.25000	-7.299572	-127.991856	-3.478906
-142.867727	-60.900564	-525.622121	
0.50000	-7.299572	-127.979223	-3.478906
-142.897966	-61.816981	-573.106575	
0.75000	-7.299572	-127.968037	-3.478906
-142.929754	-65.163802	-620.591029	
1.00000	-7.299572	-127.956068	-3.478906
-142.967112	-69.834737	-668.075482	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.340603	113.662013	11.637296
440.459976	55.703386	3462.774	
0.25000	10.340603	127.047109	11.637296
410.258045	49.844604	3603.113	
0.50000	10.340603	141.212296	11.637296
390.652897	45.721806	3736.478	
0.75000	10.340603	155.896054	11.637296
374.442902	44.686018	3863.919	
1.00000	10.340603	171.868537	11.637296
374.442902	46.350538	3984.286	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.375107	-271.624865	-6.201760
-262.621045	-53.556230	-542.104404	
0.25000	-10.375107	-255.799231	-6.201760
-287.647729	-51.836498	-595.141681	
0.50000	-10.375107	-241.474765	-6.201760
-310.776746	-52.498519	-648.178957	
0.75000	-10.375107	-227.890180	-6.201760

```
-335.984589  -55.416895 -701.216234
 1.00000  -10.375107 -215.298307     -6.201760
-372.656924  -59.616659 -754.253510

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     6.669955   124.649725     1.571716
 93.638074   45.298905    2445.828
 0.25000     6.669955   142.279704     1.571716
 93.638074   52.765277    2563.774
 0.50000     6.669955   161.250540     1.571716
 93.638074   62.093178    2646.983
 0.75000     6.669955   181.245379     1.571716
 93.638074   72.838325    2694.786
 1.00000     6.669955   201.478779     1.571716
 93.638074   84.531960    2707.892

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -20.752908  -239.614714   -11.425645
-477.154733   -13.903632  -283.232340
 0.25000   -20.752908  -217.910675   -11.425645
-468.650035    -9.654955  -309.827198
 0.50000   -20.752908  -196.801626   -11.425645
-460.145338    -6.598295  -336.366419
 0.75000   -20.752908  -176.799589   -11.425645
-451.640640    -4.376313  -362.832333
 1.00000   -20.752908  -158.324894   -11.425645
-443.135942    -3.738671  -389.334816
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     397

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    16.731323   188.771712     6.956510
 174.099037  100.172560    3997.393
 0.25000    16.731323   210.262533     6.956510
 174.099037  102.467100    4165.807
 0.50000    16.731323   233.406502     6.956510
 174.099037  106.800308    4303.154
 0.75000    16.731323   257.833026     6.956510
 174.099037  113.985878    4412.684
 1.00000    16.731323   282.633869     6.956510
 174.099037  124.498742    4484.845

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -25.808253  -355.945720   -13.638449
-608.717212   -12.212502  -504.584027
 0.25000   -25.808253  -329.372944   -13.638449
-605.421024    -8.351935  -552.216841
 0.50000   -25.808253  -303.585444   -13.638449
-602.124837    -6.049008  -599.890555
 0.75000   -25.808253  -279.179683   -13.638449
-598.828649    -4.736084  -647.492947
 1.00000   -25.808253  -256.654683   -13.638449
-595.532461    -4.425055  -695.052640

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    14.338814   188.495314     6.419226
 283.478903   87.508211    4740.275
 0.25000    14.338814   208.237877     6.419226
 283.478903   90.003569    4951.195
 0.50000    14.338814   229.503412     6.419226
 283.478903   94.463479    5132.904
 0.75000    14.338814   251.951170     6.419226
 283.478903  101.623491    5287.474
 1.00000    14.338814   274.748482     6.419226
 283.478903  111.854135    5409.462

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -25.548672  -380.431517   -12.772279
-579.910629   -14.285166  -676.661327
 0.25000   -25.548672  -356.006647   -12.772279
-577.543345    -9.921187  -741.564531
 0.50000   -25.548672  -332.308590   -12.772279
-575.176062    -7.427197  -806.460882
 0.75000   -25.548672  -309.883592   -12.772279
-572.808778    -6.138392  -871.139181
 1.00000   -25.548672  -289.189937   -12.772279
-570.441494    -7.287461  -935.763546

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.092873   170.969594     7.936160
 373.293342   76.182199    4559.493
 0.25000    13.092873   187.425918     7.936160
 373.293342   77.229658    4773.408
 0.50000    13.092873   205.151709     7.936160
 373.293342   80.257729    4963.212
 0.75000    13.092873   223.862937     7.936160
 373.293342   85.822213    5130.732
 1.00000    13.092873   242.865533     7.936160
 373.293342   94.407070    5271.237

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -26.175503  -352.208482   -13.403473
-506.980255   -45.099610  -725.215079
 0.25000   -26.175503  -331.849242   -13.403473
-505.007017   -39.953344  -795.327569
 0.50000   -26.175503  -312.095833   -13.403473
-503.033778   -36.989220  -865.600774
 0.75000   -26.175503  -293.403577   -13.403473
-501.060539   -36.244528  -935.672224
 1.00000   -26.175503  -276.154474   -13.403473
-499.087301   -38.065116   -1005.699
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     398

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    10.403807   48.953186     5.860153
 124.449653   50.067315    1599.238
 0.25000    10.403807   48.959720     5.860153
 124.432595   43.733227    1640.090
 0.50000    10.403807   48.966836     5.860153
 124.416338   37.788671    1701.735
 0.75000    10.403807   48.974374     5.860153
 124.401320   33.256831    1776.190
 1.00000    10.403807   48.982188     5.860153
 124.387956   30.465057    1853.885

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -4.391731   -91.475632    -1.524791
-125.808976    -3.129286  -252.727426
 0.25000    -4.391731   -91.467307    -1.524791
-125.824892    -2.603374  -277.026639
 0.50000    -4.391731   -91.459337    -1.524791
-125.842353    -2.519187  -301.411869
 0.75000    -4.391731   -91.451836    -1.524791
-125.861063    -2.663122  -325.706909
 1.00000    -4.391731   -91.444951    -1.524791
-125.880535    -3.209792  -350.011296

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    8.624055   67.035782     5.995895
 279.700724   41.025758    2668.653
 0.25000    8.624055   67.042316     5.995895
 279.683666   35.782109    2777.061
 0.50000    8.624055   67.049431     5.995895
 279.667409   31.083480    2896.268
 0.75000    8.624055   67.056970     5.995895
 279.652391   27.677231    3028.494
 1.00000    8.624055   67.064783     5.995895
 279.639027   26.442069    3166.774

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -9.474504  -148.525537    -3.760401
-149.706773   -21.675602  -483.918236
 0.25000   -9.474504  -148.517213    -3.760401
-149.722689   -18.851586  -531.076213
 0.50000   -9.474504  -148.509103    -3.760401
-149.740150   -16.999222  -578.532408
 0.75000   -9.474504  -148.501742    -3.760401
-149.758859   -16.618406  -625.671779
 1.00000   -9.474504  -148.494857    -3.760401
-149.778331   -17.579517  -672.830939

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.784287   154.969888     7.850406
 349.226996   79.042078    4264.788
 0.25000    13.784287   172.293904     7.850406
 321.961227   77.850299    4470.020
 0.50000    13.784287   191.041439     7.850406
 297.386515   78.052977    4648.916
 0.75000    13.784287   210.831088     7.850406
 296.973830   80.014365    4802.131
 1.00000    13.784287   231.235886     7.850406
 296.964840   84.388068    4925.994

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -20.122405  -336.698867    -9.851687
-367.538665   -24.782050  -661.372196
 0.25000   -20.122405  -314.929520    -9.851687
-374.648010   -20.041722  -724.564452
 0.50000   -20.122405  -293.994670    -9.851687
-404.944207   -17.236014  -788.390390
 0.75000   -20.122405  -274.222529    -9.851687
-439.960272   -16.443711  -851.953905
 1.00000   -20.122405  -256.006035    -9.851687
-474.128143   -17.437836  -915.596357
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     399

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    12.714370   143.407336     9.848949
 437.981498   68.571995    4113.729
 0.25000    12.714370   157.834967     9.848949
 415.274265   66.357206    4322.253
 0.50000    12.714370   173.448121     9.848949
 394.808174   65.740321    4509.012
 0.75000    12.714370   189.929160     9.848949
 394.464486   67.006973    4674.460
 1.00000    12.714370   206.922500     9.848949
 394.456998   70.944487    4815.524

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -18.621705  -314.172369    -9.414125
-336.426490   -51.031586  -716.360075
 0.25000   -18.621705  -296.042617    -9.414125
-342.347231   -49.246347  -785.762231
 0.50000   -18.621705  -278.607843    -9.414125
-367.578238   -47.618567  -855.626576
 0.75000   -18.621705  -262.141385    -9.414125
-396.740003   -49.038790  -925.297091
 1.00000   -18.621705  -246.970488    -9.414125
-425.195383   -52.602548  -995.026779

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     2.946814   22.081787     5.934821
 228.468905    4.568476   810.482134
 0.25000     2.946814   22.088317     5.934821
 228.451904    2.870057   866.204261
 0.50000     2.946814   22.095428     5.934821
 228.435706    1.776051   922.111286
 0.75000     2.946814   22.102962     5.934821
 228.420740    1.167487   978.047815
 1.00000     2.946814   22.110770     5.934821
 228.407426    1.098696   1033.974

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -1.837141  -49.765764    -0.899868
-50.445300   -4.021841  -253.856436
 0.25000   -1.837141  -49.757445    -0.899868
-50.461172   -47.772922  -279.605764
 0.50000   -1.837141  -49.749481    -0.899868
-50.478568   -51.955553  -305.339290
 0.75000   -1.837141  -49.741985    -0.899868
-50.497246   -56.928699  -331.081391
 1.00000   -1.837141  -49.735104    -0.899868
-50.516665   -62.867052  -356.815869

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    4.125165   39.855403     8.420410
 382.265762   9.299198    1666.883
 0.25000    4.125165   39.861934     8.420410
 382.248736   6.063998    1770.486
 0.50000    4.125165   39.869047     8.420410
 382.232513   3.971863    1875.450
 0.75000    4.125165   39.876629     8.420410
 382.217525   3.006426    1981.407
 1.00000    4.125165   39.884393     8.420410
 382.204190   3.450843    2088.374

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -9.304143  -97.321419    -5.310115
-75.538323   -83.279989  -454.937281
 0.25000   -9.304143  -97.313098    -5.310115
-75.554214   -82.498218  -500.698595
 0.50000   -9.304143  -97.305131    -5.310115
-75.571630   -83.185387  -546.426335
 0.75000   -9.304143  -97.297633    -5.310115
-75.590329   -86.506325  -592.150560
 1.00000   -9.304143  -97.290750    -5.310115
-75.609771   -92.564086  -643.121474
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     400

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    6.420085   61.546264     8.934605
 452.472139   22.828292    2749.650
 0.25000    6.420085   61.616808     8.934605
 452.288253   18.405965    2896.345
 0.50000    6.420085   61.693627     8.934605
 452.113049   15.056046    3047.329
 0.75000    6.420085   61.775015     8.934605
 451.951179   12.839166    3201.280
 1.00000    6.420085   61.859365     8.934605
 451.807157   12.342480    3357.236

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -8.960888  -152.786798    -3.997021
-133.255790   -66.888444  -624.989800
 0.25000   -8.960888  -152.696931    -3.997021
-133.427406   -66.712498  -687.024754
 0.50000   -8.960888  -152.610889    -3.997021
-133.615498   -68.767951  -749.298117
 0.75000   -8.960888  -152.529908    -3.997021
-133.817450   -73.035981  -811.338270
 1.00000   -8.960888  -152.455575    -3.997021
-134.027422   -79.183680  -873.390558

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.614574   121.685185    11.742915
 502.713042   62.841960    3742.470
 0.25000    13.614574   132.117841    11.742915
 480.403505   57.831144    3935.349
 0.50000    13.614574   143.440936    11.742915
 459.126186   54.479093    4114.959
 0.75000    13.614574   155.421512    11.742915
 439.590330   53.002874    4281.843
 1.00000    13.614574   167.811544    11.742915
 429.087202   54.000606    4432.059

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.342696  -271.729227    -7.009078
-271.635613   -58.569996  -710.165583
 0.25000   -14.342696  -258.523600    -7.009078
-293.517259   -57.864585  -778.741434
 0.50000   -14.342696  -245.854923    -7.009078
-317.736916   -59.186884  -847.535351
 0.75000   -14.342696  -233.912596    -7.009078
-343.641121   -62.661679  -916.607955
 1.00000   -14.342696  -222.932574    -7.009078
-370.545323   -68.001974  -985.974517

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.319644   215.892129    11.637296
 440.459976   97.956765    4647.313
 0.25000    13.319644   245.749834    11.637296
 410.258045   97.740940    4814.989
 0.50000    13.319644   277.456649    11.637296
 395.333541   98.854339    4954.938
 0.75000    13.319644   310.419263    11.637296
 395.307897  103.465668    5070.182
 1.00000    13.319644   343.678828    11.637296
 395.288716  112.794957    5160.631

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.167673  -425.453714   -12.575080
-577.354505   -82.732255  -555.810903
 0.25000   -19.167673  -395.257618   -12.575080
-577.354505   -78.899347  -609.269825
 0.50000   -19.167673  -365.946142   -12.575080
-577.354505   -76.751296  -662.728747
 0.75000   -19.167673  -338.301556   -12.575080
-577.354505   -78.635681  -716.187669
 1.00000   -19.167673  -312.851452   -12.575080
-577.354505   -83.496881  -769.646591
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     401

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    16.731323   188.771712    11.742915
 502.713042  100.172560    4740.275
 0.25000    16.731323   210.262533    11.742915
 480.403505  102.467100    4951.195
 0.50000    16.731323   233.406502    11.742915
 459.126186  106.800308    5132.904
 0.75000    16.731323   257.833026    11.742915
 451.951179  113.985878    5287.474
 1.00000    16.731323   282.633869    11.742915
 451.807157  124.498742    5409.462

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -26.175503  -380.431517   -13.638449
-608.717212   -83.279889  -725.215079
 0.25000   -26.175503  -356.006647   -13.638449
-605.421024   -82.498218  -795.327569
 0.50000   -26.175503  -332.308590   -13.638449
-602.124837   -83.185387  -865.600774
 0.75000   -26.175503  -309.883592   -13.638449
-598.828649   -86.506325  -935.672224
 1.00000   -26.175503  -289.189937   -13.638449
-595.532461   -92.564086   -1005.699

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    16.731323   215.892129    11.742915
 502.713042  100.172560    4740.275
 0.25000    16.731323   245.749834    11.742915
 480.403505  102.467100    4951.195
 0.50000    16.731323   277.456649    11.742915
 459.126186  106.800308    5132.904
 0.75000    16.731323   310.419263    11.742915
 451.951179  113.985878    5287.474
 1.00000    16.731323   343.678828    11.742915
 451.807157  124.498742    5409.462

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -26.175503  -425.453714   -13.638449
-608.717212   -83.279889  -725.215079
 0.25000   -26.175503  -395.257618   -13.638449
-605.421024   -82.498218  -795.327569
 0.50000   -26.175503  -365.946142   -13.638449
-602.124837   -83.185387  -865.600774
 0.75000   -26.175503  -338.301556   -13.638449
-598.828649   -86.506325  -935.672224
 1.00000   -26.175503  -312.851452   -13.638449
-595.532461   -92.564086   -1005.699

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    16.731323   215.892129    11.742915
 502.713042  100.172560    4740.275
 0.25000    16.731323   245.749834    11.742915
 480.403505  102.467100    4951.195
 0.50000    16.731323   277.456649    11.742915
 459.126186  106.800308    5132.904
 0.75000    16.731323   310.419263    11.742915
 451.951179  113.985878    5287.474
 1.00000    16.731323   343.678828    11.742915
 451.807157  124.498742    5409.462

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -26.175503  -425.453714   -13.638449
-608.717212   -83.279889  -725.215079
 0.25000   -26.175503  -395.257618   -13.638449
-605.421024   -82.498218  -795.327569
 0.50000   -26.175503  -365.946142   -13.638449
-602.124837   -83.185387  -865.600774
 0.75000   -26.175503  -338.301556   -13.638449
-598.828649   -86.506325  -935.672224
 1.00000   -26.175503  -312.851452   -13.638449
-595.532461   -92.564086   -1005.699
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     402

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

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 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    3.573201   176.671166     2.467880
 179.106753   78.758177    2731.858
 0.25000    3.573201   199.264997     2.467880
 179.106753   79.401880    2783.228
 0.50000    3.573201   223.478180     2.467880
 179.106753   80.957543    2797.856
 0.75000    3.573201   248.803483     2.467880
 179.106753   83.617522    2776.925
 1.00000    3.573201   273.825606     2.467880
 179.106753   87.181366    2724.451

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -12.945557  -262.871551    -5.561913
-303.476838    -2.209329  -297.647596
 0.25000   -12.945557  -238.095297    -5.561913
-303.476838    -1.817595  -319.250041
 0.50000   -12.945557  -213.321435    -5.561913
-303.476838    -2.427764  -340.804981
 0.75000   -12.945557  -189.971793    -5.561913
-303.476838    -3.076533  -362.454930
 1.00000   -12.945557  -168.546166    -5.561913
-303.476838    -3.747121  -384.057375

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.561588   263.681231     5.720334
 262.871883   113.209566    4455.479
 0.25000    13.561588   292.092061     5.720334
 262.871883   112.607542    4498.741
 0.50000    13.561588   322.462863     5.720334
 262.871883   113.608725    4510.945
 0.75000    13.561588   354.197900     5.720334
 262.871883   116.106678    4501.035
 1.00000    13.561588   386.344623     5.720334
 262.871883   120.018130    4466.373

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -16.443455  -374.488632    -7.122402
-429.340752    -3.467803   -532.115851
 0.25000   -16.443455  -342.625499    -7.122402
-429.340752    -4.304995  -570.524165
 0.50000   -16.443455  -311.549804    -7.122402
-429.340752    -5.214018  -608.932478
 0.75000   -16.443455  -282.208470    -7.122402
-429.340752    -6.178668  -647.340792
 1.00000   -16.443455  -255.197992    -7.122402
-429.340752    -7.177660  -685.749105

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    9.819491   264.756406     5.382077
 337.369571   102.225061    5161.225
 0.25000    9.819491   290.847417     5.382077
 337.369571   101.223961    5204.114
 0.50000    9.819491   318.734968     5.382077
 337.369571   101.717903    5222.471
 0.75000    9.819491   347.871972     5.382077
 337.369571   103.789099    5221.423
 1.00000    9.819491   377.448369     5.382077
 337.369571   107.669253    5205.976

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -16.544275  -374.318659    -6.748188
-470.037854    -4.659499   -708.935351
 0.25000   -16.544275  -345.001361    -6.748188
-470.037854    -5.542100   -759.604426
 0.50000   -16.544275  -316.466841    -6.748188
-470.037854    -6.475548   -810.273500
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                  MOVING          LOAD                >
                                     403

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
        T            M2           M3
 0.75000   -16.544275  -289.520584    -6.748188
-470.037854    -7.445566   -860.942575
 1.00000   -16.544275  -264.710350    -6.748188
-470.037854    -8.433996  -911.611650

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    8.953141   230.205550     6.494360
 351.303136   85.835729    4929.870
 0.25000    8.953141   251.948059     6.494360
 351.303136   85.013619    4971.908
 0.50000    8.953141   275.187685     6.494360
 351.303136   85.519461    4993.912
 0.75000    8.953141   299.468522     6.494360
 351.303136   87.358016    5002.038
 1.00000    8.953141   324.115519     6.494360
 351.303136   91.181586    4995.472

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.456836  -326.921327    -7.822676
-416.998120   -33.605772   -769.754922
 0.25000   -19.456836  -302.490245    -7.822676
-416.998120   -33.381188   -824.139414
 0.50000   -19.456836  -278.711479    -7.822676
-416.998120   -33.802469   -878.523906
 0.75000   -19.456836  -256.256264    -7.822676
-416.998120   -34.925888   -932.908398
 1.00000   -19.456836  -235.581070    -7.822676
-416.998120   -36.636910   -987.292890

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    10.982791   67.976335     2.922636
 137.200959   24.399164    1736.962
 0.25000    10.982791   67.988974     2.922636
 137.160145   23.176101    1772.936
 0.50000    10.982791   68.002397     2.922636
 137.126907   22.303407    1708.355
 0.75000    10.982791   68.016349     2.922636
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137.095201    21.806231    1728.676
 1.00000    10.982791    68.031979     2.922636
137.065670    21.481668    1767.656

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -3.145931  -71.265814   -0.848803
-159.974380   -2.531161  -270.666119
 0.25000   -3.145931  -71.250278   -0.848803
-160.004623   -2.769122  -289.918903
 0.50000   -3.145931  -71.236544   -0.848803
-160.037321   -3.016188  -309.171686
 0.75000   -3.145931  -71.223477   -0.848803
-160.071859   -3.273869  -328.424470
 1.00000   -3.145931  -71.211332   -0.848803
-160.112709   -3.538930  -347.677254

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.546687    88.612997    3.764676
245.753713   22.680932   2818.488
 0.25000    7.546687    88.625637    3.764676
245.712885   21.146844   2798.962
 0.50000    7.546687    88.639061    3.764676
245.679628   20.167128   2801.969
 0.75000    7.546687    88.653015    3.764676
245.647910   19.714540   2833.591
 1.00000    7.546687    88.668646    3.764676
245.618370   20.510768   2887.683

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.464804  -101.917179   -2.372760
-230.193708   -15.780697  -514.324259
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         404

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
      T          M2          M3
 0.25000   -8.464804  -101.901641   -2.372760
-230.223962   -15.460076  -550.466903
 0.50000   -8.464804  -101.887906   -2.372760
-230.256671   -15.497452  -586.609548
 0.75000   -8.464804  -101.874838   -2.372760
-230.291221   -15.914918  -622.752193
 1.00000   -8.464804  -101.862692   -2.372760
-230.332085   -16.664533  -658.894837

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.938476   214.465847    5.581505
349.380853   75.969206   4625.060
 0.25000    8.938476   236.379000    5.581505
323.084323   74.461161   4666.422
 0.50000    8.938476   259.729517    5.581505
293.607576   74.084174   4687.262
 0.75000    8.938476   284.066552    5.581505
265.594112   75.131179   4693.653
 1.00000    8.938476   309.989059    5.581505
265.594112   77.868096   4684.694

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -15.141929  -314.546528   -5.674103
-335.843196   -15.364291  -699.945549
 0.25000   -15.141929  -288.814956   -5.674103
-335.844810   -15.532775  -749.637976
 0.50000   -15.141929  -264.922757   -5.674103
-361.850803   -16.042999  -799.330403
 0.75000   -15.141929  -242.279898   -5.674103
-391.668809   -16.906455  -849.022830
 1.00000   -15.141929  -221.337299   -5.674103
-418.334627   -18.073414  -898.715257

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.355144   188.448384    6.859844
355.003750   63.645737   4413.573
 0.25000    8.355144   206.698886    6.859844
333.114484   62.469576   4454.927
 0.50000    8.355144   226.146583    6.859844
308.578600   62.244413   4479.654
 0.75000    8.355144   246.415974    6.859844
285.361830   63.211371   4492.721
 1.00000    8.355144   268.004533    6.859844
285.361830   65.566530   4493.526

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.454998  -274.231221   -6.523156
-300.836785   -46.419510  -761.358837
 0.25000   -14.454998  -252.801712   -6.523156
-300.838127   -46.047075  -814.742864
 0.50000   -14.454998  -232.902872   -6.523156
-322.382262   -46.424859  -868.126892
 0.75000   -14.454998  -214.044641   -6.523156
-347.203141   -47.631093  -921.510919
 1.00000   -14.454998  -196.602583   -6.523156
-369.398860   -49.559669  -974.894946

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    1.461293    14.828739    3.584158
 94.972217    0.629730   807.214101
 0.25000    1.461293    14.841384    3.584158
 94.931316    0.573239   818.289087
 0.50000    1.461293    14.854814    3.584158
 94.897966    0.728609   829.841545
 0.75000    1.461293    14.868773    3.584158
 94.866194    0.918025   841.808672
 1.00000    1.461293    14.884415    3.584158
 94.836599    1.175693   854.062186
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         405

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -1.861978   -17.363373   -2.351176
-37.153614   -55.030374  -271.233994
 0.25000   -1.861978   -17.347824   -2.351176
-37.183924   -54.601931  -289.375915
 0.50000   -1.861978   -17.334083   -2.351176
-37.216691   -54.870284  -307.517835
 0.75000   -1.861978   -17.321009   -2.351176
-37.251297   -55.887954  -325.659755
 1.00000   -1.861978   -17.308858   -2.351176
-37.292234   -57.612988  -343.801675

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    2.534666    30.104976    5.777933
187.870437    2.470018    1677.865
 0.25000    2.534666    30.117615    5.777933
187.829623    2.240650    1693.973
 0.50000    2.534666    30.131038    5.777933
187.796385    2.311605    1712.968
 0.75000    2.534666    30.144990    5.777933
187.764679    2.560209    1734.114
 1.00000    2.534666    30.160620    5.777933
187.735148    3.955135    1757.824

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -9.656900  -41.324684   -5.041166
-85.033621   -82.417995  -486.093784
 0.25000   -9.656900  -41.309148   -5.041166
-85.063863   -80.756124  -519.007444
 0.50000   -9.656900  -41.295413   -5.041166
-85.096561   -80.501425  -551.921104
 0.75000   -9.656900  -41.282347   -5.041166
-85.131099   -81.829380  -584.834764
 1.00000   -9.656900  -41.270202   -5.041166
-85.171949   -84.491857  -617.748425

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    3.614466    67.120418    5.708530
277.406472    9.808511   2825.376
 0.25000    3.614466    67.131794    5.708530
277.369726    8.899248   2832.769
 0.50000    3.614466    67.143875    5.708530
277.339795    8.427362   2852.444
 0.75000    3.614466    67.156434    5.708530
277.311249    8.346323   2884.658
 1.00000    3.614466    67.170502    5.708530
277.284663    9.186853   2928.294

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -7.919195   -82.208653   -4.125055
-188.844195   -69.249041  -667.869713
 0.25000   -7.919195   -82.194668   -4.125055
-188.871423   -68.348741  -713.773551
 0.50000   -7.919195   -82.182306   -4.125055
-188.900862   -68.480831  -759.677390
 0.75000   -7.919195   -82.170545   -4.125055
-188.931956   -69.731219  -805.581228
 1.00000   -7.919195   -82.159614   -4.125055
-188.968734   -72.012419  -851.485067

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.468777   153.810497    7.322843
386.688494   47.120096   3983.629
 0.25000   10.468777   166.671451    7.322843
352.375656   45.772012   4012.945
 0.50000   10.468777   180.352476    7.322843
323.033758   45.202484   4035.930
 0.75000   10.468777   194.592113    7.322843
301.230412   45.620430   4057.516
 1.00000   10.468777   210.159839    7.322843
282.437619   47.233217   4075.524
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         406

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -11.074364  -218.692935   -5.619337
-254.493673   -59.032874  -754.183871
 0.25000  -11.074364  -203.225545   -5.619337
-279.267772   -58.484141  -806.691667
 0.50000  -11.074364  -189.229944   -5.619337
-302.256302   -58.931926  -859.199462
 0.75000  -11.074364  -175.937102   -5.619337
-328.334137   -60.313543  -911.707257
 1.00000  -11.074364  -163.611357   -5.619337
-364.536997   -62.553756  -964.215052

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.398712   149.035118    2.483373
184.747705   84.658977   2708.925
 0.25000    7.398712   167.102931    2.483373
188.377171   87.233945   2773.524
 0.50000    7.398712   186.647655    2.483373
190.960836   90.434757   2804.579
 0.75000    7.398712   206.924281    2.483373
192.422578   94.260467   2801.077
 1.00000    7.398712   227.743527    2.483373
192.853637   98.938728   2764.108

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -21.153808  -215.375183   -5.294905
-312.742414   -3.360508  -389.507658
 0.25000  -21.153808  -194.824785   -5.294905
-307.864957   -3.526462  -417.846943
 0.50000  -21.153808  -174.818985   -5.294905
-301.941433   -3.882195  -446.051949
 0.75000  -21.153808  -155.865778   -5.294905
-294.903319   -4.810807  -474.370793
 1.00000  -21.153808  -138.330448   -5.294905
-286.820656   -5.776680  -503.080095

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   17.481930   232.774229    5.449756
285.187783   125.749375   4486.022
 0.25000   17.481930   254.791457    5.449756
286.946682   127.618853   4558.381
 0.50000   17.481930   278.625961    5.449756
287.197475   130.158243   4600.012
 0.75000   17.481930   303.405462    5.449756
287.197475   133.545248   4615.779
 1.00000   17.481930   328.905277    5.449756
287.197475   137.731131   4600.268

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -26.717557  -312.225361   -6.816407
-420.069214   -5.278038  -695.329326
 0.25000  -26.717557  -287.062090   -6.816407
-418.533064   -5.621586  -745.040452
 0.50000  -26.717557  -262.575242   -6.816407
-415.484490   -7.898045  -795.733693
 0.75000  -26.717557  -239.411973   -6.816407
-412.187590   -9.303470  -846.006713
 1.00000  -26.717557  -217.998183   -6.816407
-408.890540   -11.166183  -896.734657

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   15.170280   245.173570    5.455807
351.945649   113.441054   5410.235
 0.25000   15.170280   265.398556    5.455807
353.314473   115.053647   5494.582
 0.50000   15.170280   287.297690    5.455807
353.420498   117.430740   5550.823
 0.75000   15.170280   310.069990    5.455807
353.420498   120.834502   5582.196
 1.00000   15.170280   333.510522    5.455807
353.420498   125.142775   5585.388
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         407

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -26.679596  -320.000680   -6.686042
-446.524274   -7.719304  -936.002052
 0.25000  -26.679596  -296.866573   -6.686042
-445.525194   -9.042683   -1002.929
 0.50000  -26.679596  -274.359648   -6.686042
-443.263027   -10.635475   -1069.737
 0.75000  -26.679596  -253.072561   -6.686042
-440.895311   -12.412836   -1136.870
 1.00000  -26.679596  -233.396684   -6.686042
-438.527408   -14.990187   -1204.308

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   14.020200   219.310500    6.469590
361.763489   95.612169   5271.492
 0.25000   14.020200   236.168945    6.469590
362.904466   96.860308   5355.737
 0.50000   14.020200   254.422870    6.469590
362.992843   98.969725   5416.636
 0.75000   14.020200   273.404617    6.469590
362.992843   102.125603   5456.871
 1.00000   14.020200   292.943367    6.469590
362.992843   106.723812   5473.635

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -27.289412  -283.952394   -7.640199
-403.473603   -38.045785   -1005.819
 0.25000  -27.289412  -264.669064   -7.640199
-402.640824   -38.682857   -1076.931
 0.50000  -27.289412  -245.908518   -7.640199
-400.755206   -39.863225   -1147.946
 0.75000  -27.289412  -228.164763   -7.640199
-398.781606   -41.577101   -1219.249
 1.00000  -27.289412  -211.764024   -7.640199
-396.807852   -44.282391   -1290.792

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.318840    71.253553    2.685235
135.491520   31.623790   1853.868
 0.25000   10.318840    71.260251    2.685235
135.473835   30.550526   1854.753
 0.50000   10.318840    71.267562    2.685235
135.456922   29.559323   1866.152
 0.75000   10.318840    71.275241    2.685235
135.441202   28.680234   1892.960
 1.00000   10.318840    71.283228    2.685235
135.427100   28.044852   1928.531

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -4.869562   -69.063451   -0.945562
-135.403617   -3.441753  -350.089392
 0.25000   -4.869562   -69.057401   -0.945562
-135.418652   -3.865111  -375.130557
 0.50000   -4.869562   -69.049754   -0.945562
-135.435235   -4.303035  -400.087779
 0.75000   -4.869562   -69.042574   -0.945562
-135.452950   -4.760010  -425.045012
 1.00000   -4.869562   -69.035994   -0.945562
-135.471518   -5.506665  -449.977422

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.757221   102.028623    3.604161
236.714446   27.795680   3166.335
 0.25000    8.757221   102.035321    3.604161
236.696761   26.775420   3186.710
 0.50000    8.757221   102.042632    3.604161
236.679848   26.103036   3217.368
 0.75000    8.757221   102.050310    3.604161
236.664129   25.876746   3262.332
 1.00000    8.757221   102.058298    3.604161
236.650027   26.614786   3317.405
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         408

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -10.214404  -102.856187   -2.459843
-198.365261   -17.620098  -672.861139
 0.25000  -10.214404  -102.848237   -2.459843
-198.380296   -17.666129  -720.109822
 0.50000  -10.214404  -102.840590   -2.459843
-198.396879   -18.040472  -767.408675
 0.75000  -10.214404  -102.833410   -2.459843
-198.414594   -18.807810  -814.956060
 1.00000  -10.214404  -102.826831   -2.459843
-198.433161   -20.248574  -862.345361

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   14.239376   205.449381    5.489244
358.045867   86.256146   4926.214
 0.25000   14.239376   223.187154    5.489244
328.144386   86.614427   5009.618
 0.50000   14.239376   242.485589    5.489244
299.340116   87.474855   5067.265
 0.75000   14.239376   262.648034    5.489244
274.780412   88.882682   5101.172
 1.00000   14.239376   283.503274    5.489244
273.811980   91.500309   5109.590

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -21.257460  -275.530233   -5.576082
-299.032675   -17.924215  -915.762503
 0.25000  -21.257460  -254.852277   -5.576082
-303.122970   -18.657916  -980.692314
 0.50000  -21.257460  -234.847812   -5.576082
-330.748509   -19.660148   -1045.752
 0.75000  -21.257460  -215.997370   -5.576082
-362.723637   -20.997381   -1111.225
 1.00000  -21.257460  -198.645208   -5.576082
-395.671073   -22.921619   -1176.538

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   13.247170   185.320018    6.743356
365.508986   72.358588   4815.278
 0.25000   13.247170   200.092231    6.743356
340.606703   72.639827   4899.417
 0.50000   13.247170   216.164180    6.743356
316.618189   73.489021   4962.188
 0.75000   13.247170   232.955867    6.743356
296.164597   75.028223   5005.262
 1.00000   13.247170   250.324161    6.743356
295.358076   77.602939   5027.040

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -19.754129  -245.187704   -6.422473
-278.594327   -52.485927  -995.065831
 0.25000   -19.754129  -227.966874   -6.422473
-282.000770   -53.143228   -1064.776
 0.50000   -19.754129  -211.306936   -6.422473
-305.007623   -54.370525   -1134.592
 0.75000   -19.754129  -195.608080   -6.422473
-331.636862   -56.231926   -1204.860
 1.00000   -19.754129  -181.157007   -6.422473
-359.075850   -58.784010   -1274.760

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    2.972809    21.249055    3.555032
101.924210    1.075031   1033.294
 0.25000    2.972809    21.255749    3.555032
101.906582    0.869647   1055.768
 0.50000    2.972809    21.263056    3.555032
101.889723    1.022494   1078.309
 0.75000    2.972809    21.270729    3.555032
101.874054    1.437506   1100.859
 1.00000    2.972809    21.278711    3.555032
101.860000    2.013383   1123.415
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         409

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -2.218089   -23.062095   -2.412741
-48.494860   -61.944745  -356.652220
 0.25000   -2.218089   -23.054151   -2.412741
-48.509849   -62.545543  -380.528882
 0.50000   -2.218089   -23.046510   -2.412741
-48.526383   -63.600261  -404.417690
 0.75000   -2.218089   -23.039344   -2.412741
-48.544046   -65.257070  -428.314057
 1.00000   -2.218089   -23.032759   -2.412741
-48.562558   -67.307099  -452.271236

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    4.500493    44.273774    5.647185
190.843328    3.251757    2087.283
 0.25000    4.500493    44.280470    5.647185
190.825676    2.953420    2125.777
 0.50000    4.500493    44.287778    5.647185
190.808794    3.153109    2164.645
 0.75000    4.500493    44.295454    5.647185
190.793103    3.786802    2204.139
 1.00000    4.500493    44.303438    5.647185
190.779028    5.837857    2243.993

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -9.882097   -49.146751   -5.012468
-97.727430   -91.282278  -642.886970
 0.25000   -9.882097   -49.138804   -5.012468
-97.742439   -90.764780  -686.459595
 0.50000   -9.882097   -49.131160   -5.012468
-97.758993   -91.206535  -730.085582
 0.75000   -9.882097   -49.123983   -5.012468
-97.776679   -93.005297  -773.707526
 1.00000   -9.882097   -49.117406   -5.012468
-97.795215   -95.885600  -817.335905

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000    6.706534    85.529745    5.695898
274.921189   13.161105   3356.100
 0.25000    6.706534    85.602061    5.695898
274.730543   12.528442   3402.263
 0.50000    6.706534    85.680990    5.695898
274.548216   12.410227   3452.742
 0.75000    6.706534    85.763889    5.695898
274.378756   12.740075   3507.380
 1.00000    6.706534    85.850115    5.695898
274.226751   13.937943   3565.889

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -9.871979   -90.012779   -4.263559
-178.981734   -78.323813  -873.225615
 0.25000   -9.871979   -89.926956   -4.263559
-179.143830   -78.696237  -933.245290
 0.50000   -9.871979   -89.844402   -4.263559
-179.322622   -79.801375  -993.314145
 0.75000   -9.871979   -89.766888   -4.263559
-179.513629   -81.766808  -1053.436
 1.00000   -9.871979   -89.695854   -4.263559
-179.713811   -84.462077   -1113.723

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   13.974074   157.811578    7.126109
383.345390   55.445456   4431.436
 0.25000   13.974074   168.503896    7.126109
359.765666   54.994618   4504.903
 0.50000   13.974074   180.149057    7.126109
337.160286   55.109343   4565.229
 0.75000   13.974074   192.353332    7.126109
316.240140   55.692020   4614.258
 1.00000   13.974074   205.013451    7.126109
297.703236   57.231453   4650.072
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         410

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -15.532863  -202.738535   -5.657482
-249.813194   -67.519676  -985.940106
 0.25000  -15.532863  -190.161763   -5.657482
-269.938053   -68.201570   -1054.579
 0.50000  -15.532863  -178.029049   -5.657482
-292.470466   -69.597073   -1123.285
 0.75000  -15.532863  -166.618224   -5.657482
-316.728234   -71.714120   -1192.242
 1.00000  -15.532863  -156.143189   -5.657482
-341.949832   -74.645591   -1261.142

 COMB      DB ------------------- MAX

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000   13.561588   264.756406    7.322843
386.688494   113.209566   5161.225
 0.25000   13.561588   292.092061    7.322843
352.375656   112.607542   5204.114
 0.50000   13.561588   322.462863    7.322843
351.303136   113.608725   5222.471
 0.75000   13.561588   354.197900    7.322843
351.303136   116.106678   5223.423
 1.00000   13.561588   386.344623    7.322843
351.303136   120.018130   5205.976

 COMB      DB ------------------- MIN

 REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -19.456836  -374.488632   -7.822676
-470.037854   -82.417995  -769.754922
 0.25000  -19.456836  -345.001361   -7.822676
-470.037854   -80.756124  -824.139414
 0.50000  -19.456836  -316.466841   -7.822676
-470.037854   -80.501425  -878.523906
 0.75000  -19.456836  -289.520584   -7.822676
-470.037854   -81.829380  -932.908398
 1.00000  -19.456836  -264.710350   -7.822676
-470.037854   -84.491857  -987.292890
```

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.481930	245.173570	7.126109
383.345390	125.749375	5410.235	
0.25000	17.481930	265.398556	7.126109
362.904466	127.618853	5494.582	
0.50000	17.481930	287.297690	7.126109
362.992843	130.158243	5550.823	
0.75000	17.481930	310.069990	7.126109
362.992843	133.545248	5582.196	
1.00000	17.481930	333.510522	7.126109
362.992843	137.731131	5585.388	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.289412	-320.000680	-7.640199
-446.524274	-91.282278	-1005.819	
0.25000	-27.289412	-296.866573	-7.640199
-445.525194	-90.764780	-1076.931	
0.50000	-27.289412	-274.359648	-7.640199
-443.263027	-91.206535	-1147.946	
0.75000	-27.289412	-253.072561	-7.640199
-440.895311	-93.005297	-1219.249	
1.00000	-27.289412	-233.396684	-7.640199
-438.527408	-95.885600	-1290.792	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.481930	264.756406	7.322843
386.688494	125.749375	5410.235	
0.25000	17.481930	292.092061	7.322843
362.904466	127.618853	5494.582	
0.50000	17.481930	322.462863	7.322843
362.992843	130.158243	5550.823	
0.75000	17.481930	354.197900	7.322843
362.992843	133.545248	5582.196	
1.00000	17.481930	386.344623	7.322843
362.992843	137.731131	5585.388	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
411

FRAME ELEMENT INTERNAL FORCES

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.289412	-374.488632	-7.822676
-470.037854	-91.282278	-1005.819	
0.25000	-27.289412	-345.001361	-7.822676
-470.037854	-90.764780	-1076.931	
0.50000	-27.289412	-316.466841	-7.822676
-470.037854	-91.206535	-1147.946	
0.75000	-27.289412	-289.520584	-7.822676
-470.037854	-93.005297	-1219.249	
1.00000	-27.289412	-264.710350	-7.822676
-470.037854	-95.885600	-1290.792	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.481930	264.756406	7.322843
386.688494	125.749375	5410.235	
0.25000	17.481930	292.092061	7.322843
362.904466	127.618853	5494.582	
0.50000	17.481930	322.462863	7.322843
362.992843	130.158243	5550.823	
0.75000	17.481930	354.197900	7.322843
362.992843	133.545248	5582.196	
1.00000	17.481930	386.344623	7.322843
362.992843	137.731131	5585.388	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.289412	-374.488632	-7.822676
-470.037854	-91.282278	-1005.819	
0.25000	-27.289412	-345.001361	-7.822676
-470.037854	-90.764780	-1076.931	
0.50000	-27.289412	-316.466841	-7.822676
-470.037854	-91.206535	-1147.946	
0.75000	-27.289412	-289.520584	-7.822676
-470.037854	-93.005297	-1219.249	
1.00000	-27.289412	-264.710350	-7.822676
-470.037854	-95.885600	-1290.792	

ELEM 6 ================== LENGTH = 4.986975

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.969001	199.520756	5.220757
303.695836	86.849492	2724.870	
0.25000	3.969001	221.519769	5.220757
303.695836	83.722245	2737.397	
0.50000	3.969001	245.176481	5.220757
303.695836	81.697836	2719.756	
0.75000	3.969001	269.983457	5.220757
303.695836	80.869271	2667.976	
1.00000	3.969001	294.507927	5.220757
303.695836	81.068592	2582.219	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.669707	-242.511849	-3.469948
-186.106060	-4.163509	-384.218727	
0.25000	-12.669707	-218.203194	-3.469948
-186.106060	-5.408327	-408.504022	
0.50000	-12.669707	-193.894180	-3.469948
-186.106060	-6.684949	-432.789316	
0.75000	-12.669707	-171.010307	-3.469948
-186.106060	-7.977865	-457.074611	
1.00000	-12.669707	-150.057425	-3.469948
-186.106060	-9.301386	-481.359905	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.830814	305.113170	7.213652
421.507585	119.806549	4466.716	
0.25000	13.830814	332.812204	7.213652
421.507585	115.623016	4438.101	
0.50000	13.830814	362.516028	7.213652
421.507585	112.873928	4386.215	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
412

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	13.830814	393.623780	7.213652
421.507585	111.671596	4315.549	
1.00000	13.830814	425.176494	7.213652
421.507585	111.952761	4217.038	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.291658	-338.570517	-4.943699
-279.391023	-7.708174	-685.988705	
0.25000	-16.291658	-307.272030	-4.943699
-279.391023	-9.115555	-728.418964	
0.50000	-16.291658	-276.756315	-4.943699
-279.391023	-10.577265	-770.849223	
0.75000	-16.291658	-247.977142	-4.943699
-279.391023	-12.075831	-813.279483	
1.00000	-16.291658	-221.536567	-4.943699
-279.391023	-13.848799	-855.709742	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.213014	320.697398	7.213801
458.850375	107.441735	5206.232	
0.25000	10.213014	346.137365	7.213801
458.850375	103.896405	5151.723	
0.50000	10.213014	373.414784	7.213801
458.850375	101.670236	5080.764	
0.75000	10.213014	401.977921	7.213801
458.850375	100.930769	4995.727	
1.00000	10.213014	431.010701	7.213801
458.850375	101.658439	4891.372	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.512901	-327.856890	-4.987504
-358.572980	-9.053393	-911.811876	
0.25000	-16.512901	-299.056446	-4.987504
-358.572980	-10.317768	-966.070861	
0.50000	-16.512901	-271.034440	-4.987504
-358.572980	-11.610128	-1020.330	
0.75000	-16.512901	-244.602697	-4.987504
-358.572980	-12.918502	-1074.589	
1.00000	-16.512901	-220.314037	-4.987504
-358.572980	-14.336544	-1128.848	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.458611	285.672062	7.672753
410.881636	90.771769	4995.634	
0.25000	9.458611	306.872034	7.672753
410.881636	88.145903	4936.896	
0.50000	9.458611	329.603217	7.672753
410.881636	86.627412	4864.910	
0.75000	9.458611	353.405831	7.672753
410.881636	86.353795	4781.541	
1.00000	9.458611	377.599814	7.672753
410.881636	87.58629	4683.012	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.309971	-278.722771	-6.316626
-368.891276	-36.996393	-987.380500	
0.25000	-19.309971	-254.722401	-6.316626
-368.891276	-36.881677	-1043.481	
0.50000	-19.309971	-231.370729	-6.316626
-368.891276	-37.311161	-1099.582	
0.75000	-19.309971	-209.344277	-6.316626
-368.891276	-38.374802	-1155.682	
1.00000	-19.309971	-189.103727	-6.316626
-368.891276	-40.078348	-1211.783	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.767952	89.757755	1.310842
150.870365	21.666707	1767.581	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
413

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	10.767952	89.770142	1.310842
150.829346	21.059377	1705.655	
0.50000	10.767952	89.783327	1.310842
150.794621	20.606801	1662.137	
0.75000	10.767952	89.797056	1.310842
150.761712	20.297031	1645.287	
1.00000	10.767952	89.812467	1.310842
150.731221	20.144567	1648.310	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.324733	-53.981967	-1.049107
-145.277452	-3.648543	-347.732419	
0.25000	-3.324733	-53.966640	-1.049107
-145.307042	-3.671308	-368.012247	
0.50000	-3.324733	-53.953112	-1.049107
-145.338845	-3.725665	-388.292075	
0.75000	-3.324733	-53.940252	-1.049107
-145.372411	-3.799758	-408.571902	
1.00000	-3.324733	-53.928316	-1.049107
-145.413359	-4.013621	-428.851730	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.592331	129.656960	2.802987
221.508872	20.393834	2887.549	
0.25000	7.592331	129.669348	2.802987
221.467839	20.416979	2797.369	
0.50000	7.592331	129.682534	2.802987
221.433103	20.654401	2730.034	
0.75000	7.592331	129.696264	2.802987
221.400183	21.186550	2693.338	
1.00000	7.592331	129.711677	2.802987
221.369680	22.087284	2681.688	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.617234	-70.126894	-2.481044
-258.208364	-16.816583	-659.898237	
0.25000	-8.617234	-70.111565	-2.481044
-258.237964	-16.313043	-695.469187	
0.50000	-8.617234	-70.098035	-2.481044
-258.269778	-16.118034	-732.040136	
0.75000	-8.617234	-70.085175	-2.481044
-258.303363	-16.274204	-768.611086	
1.00000	-8.617234	-70.073238	-2.481044
-258.344326	-16.867503	-805.182035	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.949095	269.777688	6.080415
408.418245	77.628314	4684.681	
0.25000	8.949095	291.196864	6.080415
381.950175	75.568192	4631.042	
0.50000	8.949095	314.083014	6.080415
352.333445	74.312406	4563.495	
0.75000	8.949095	337.982638	6.080415
324.930024	74.281446	4484.317	
1.00000	8.949095	363.486420	6.080415
324.926831	75.278763	4389.296	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.186036	-269.389437	-4.611268
-288.465392	-18.469010	-898.837812	
0.25000	-15.186036	-244.057873	-4.611268
-288.465392	-18.751770	-950.897285	
0.50000	-15.186036	-220.560989	-4.611268
-309.592595	-19.312076	-1002.957	
0.75000	-15.186036	-198.315080	-4.611268
-340.146962	-20.188541	-1055.016	
1.00000	-15.186036	-177.774431	-4.611268
-367.493847	-21.436462	-1107.076	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
414

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.556259	239.133011	6.661082
359.004060	65.146517	4493.460	
0.25000	8.556259	256.972045	6.661082
336.971752	63.442102	4436.852	
0.50000	8.556259	276.032939	6.661082
312.318954	62.465610	4369.102	
0.75000	8.556259	295.937983	6.661082
289.611797	62.748591	4291.932	
1.00000	8.556259	317.177763	6.661082
289.609141	63.909951	4202.404	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.458610	-227.838441	-6.177982
-302.948483	-49.700502	-974.902591	
0.25000	-14.458610	-206.742118	-6.177982
-302.948483	-48.656082	-1028.567	
0.50000	-14.458610	-187.172555	-6.177982
-320.434088	-48.290063	-1082.232	
0.75000	-14.458610	-168.644965	-6.177982
-345.867911	-48.699040	-1135.897	
1.00000	-14.458610	-151.537712	-6.177982
-368.630906	-49.884656	-1189.562	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.764688	19.915787	2.366205
24.231384	0.889905	853.986153	
0.25000	1.764868	19.928181	2.366205
24.190278	1.687422	837.107982	
0.50000	1.764868	19.941373	2.366205
24.155485	2.545040	820.675299	
0.75000	1.764868	19.955108	2.366205
24.122508	3.445881	804.891723	
1.00000	1.764868	19.970532	2.366205
24.091949	4.360173	789.678485	

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.174565	-4.830895	-3.716840
-91.968067	-57.266311	-343.648505	
0.25000	-2.174565	-4.815556	-3.716840
-91.997721	-55.105463	-358.891215	
0.50000	-2.174565	-4.802021	-3.716840
-92.029589	-53.640733	-374.133925	
0.75000	-2.174565	-4.789154	-3.716840
-92.063268	-52.941723	-389.376635	
1.00000	-2.174565	-4.777211	-3.716840
-92.104304	-52.979825	-404.619344	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.987340	50.155712	4.331938
75.880988	3.055690	1757.694	
0.25000	2.987340	50.168099	4.331938
75.839969	4.479409	1720.280	
0.50000	2.987340	50.181284	4.331938
75.805245	5.996152	1685.101	
0.75000	2.987340	50.195012	4.331938
75.772336	7.599412	1652.783	
1.00000	2.987340	50.210424	4.331938
75.741844	9.312657	1624.316	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.857538	-16.160217	-5.994915
-186.814776	-83.991418	-617.527626	
0.25000	-9.857538	-16.144890	-5.994915
-186.844365	-80.733255	-646.539854	
0.50000	-9.857538	-16.131361	-5.994915
-186.876168	-78.736655	-675.672081	
0.75000	-9.857538	-16.118502	-5.994915
-186.909735	-78.263581	-704.744309	
1.00000	-9.857538	-16.106566	-5.994915
-186.950683	-79.181891	-733.816536	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
415

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.039002	103.869129	4.300007
172.904994	8.578631	2928.122	
0.25000	4.039002	103.880279	4.300007
172.868064	9.545291	2854.300	
0.50000	4.039002	103.892146	4.300007
172.836802	10.714180	2792.451	
0.75000	4.039002	103.904503	4.300007
172.807173	12.099243	2744.372	
1.00000	4.039002	103.918375	4.300007
172.779721	13.734484	2710.749	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.338454	-45.121134	-5.503180
-283.853674	-71.779967	-851.307223	
0.25000	-8.338454	-45.107338	-5.503180
-283.880314	-69.110053	-894.258211	
0.50000	-8.338454	-45.095161	-5.503180
-283.908946	-67.429096	-937.209199	
0.75000	-8.338454	-45.083586	-5.503180
-283.939173	-66.843797	-980.160186	
1.00000	-8.338454	-45.072843	-5.503180
-283.976039	-67.296412	-1023.111	

COMB DB-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.699187	199.866303	5.994970
347.333135	46.738533	4075.358	
0.25000	10.699187	212.454625	5.994970
310.973186	46.743948	4009.446	
0.50000	10.699187	225.878847	5.994970
285.090192	46.251527	3940.933	
0.75000	10.699187	239.876368	5.994970
262.118498	47.049321	3873.358	
1.00000	10.699187	255.210724	5.994970
237.317763	48.477068	3802.648	

COMB DB-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.473358	-174.159365	-6.267479
-290.582409	-62.504624	-964.153808	
0.25000	-11.473358	-158.918578	-6.267479
-309.886751	-60.652660	-1015.651	
0.50000	-11.473358	-145.140485	-6.267479
-333.249974	-59.632020	-1067.147	
0.75000	-11.473358	-132.069098	-6.267479
-360.910535	-59.527687	-1118.644	
1.00000	-11.473358	-119.967441	-6.267479
-395.378008	-60.364000	-1170.141	

COMB DL-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.087914	175.124474	5.833086
295.878293	99.425941	2764.247	
0.25000	8.087914	193.891855	5.833086
303.989057	96.274892	2779.088	
0.50000	8.087914	213.808667	5.833086
311.044823	93.775764	2760.917	
0.75000	8.087914	234.746793	5.833086
316.969188	92.037132	2708.867	
1.00000	8.087914	256.108888	5.833086
321.830715	91.064640	2625.455	

COMB DL-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.296064	-193.604614	-3.215588
-171.634906	-7.224595	-502.622076	
0.25000	-21.296064	-173.987124	-3.215588
-171.241587	-8.570950	-534.763385	
0.50000	-21.296064	-154.914130	-3.215588
-169.792633	-9.909953	-566.349841	
0.75000	-21.296064	-136.845890	-3.215588
-167.213550	-11.282658	-597.663921	
1.00000	-21.296064	-120.187890	-3.215588
-163.570993	-12.770433	-629.205707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
416

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.190094	279.907509	7.911504
424.765309	138.953663	4600.398	
0.25000	18.190094	302.753355	7.911504
428.061259	135.166095	4583.673	
0.50000	18.190094	327.030954	7.911504
431.357553	132.093906	4536.490	
0.75000	18.190094	352.595536	7.911504
434.386067	129.929970	4465.783	
1.00000	18.190094	378.741058	7.911504
435.871832	128.628893	4365.134	

COMB DL-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.170352	-274.124529	-4.836880
-254.790080	-12.680236	-896.249981	
0.25000	-27.170352	-250.017594	-4.836880
-254.790080	-14.285151	-952.225970	
0.50000	-27.170352	-226.634008	-4.836880
-254.790080	-15.952939	-1007.384	
0.75000	-27.170352	-204.473265	-4.836880
-254.523396	-17.705201	-1062.304	
1.00000	-27.170352	-184.143703	-4.836880
-252.713211	-19.617578	-1117.429	

COMB DL-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.938387	307.882323	7.767854
450.411446	126.125303	5585.474	
0.25000	15.938387	328.867384	7.767854
452.778559	122.541435	5551.783	
0.50000	15.938387	351.172637	7.767854
455.146103	119.751709	5490.167	
0.75000	15.938387	374.664249	7.767854
457.339600	117.886672	5405.786	
1.00000	15.938387	398.695602	7.767854
458.343492	116.945689	5294.657	

COMB DL-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.204482	-269.950835	-4.818629
-329.280259	-16.224032	-1203.846	
0.25000	-27.204482	-247.784258	-4.818629
-329.280259	-17.177626	-1275.926	
0.50000	-27.204482	-226.287805	-4.818629
-329.280259	-18.540426	-1347.253	
0.75000	-27.204482	-205.918387	-4.818629
-329.161331	-20.394098	-1418.388	
1.00000	-27.204482	-187.236165	-4.818629
-327.744110	-22.694398	-1489.848	

COMB DL-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.927150	282.656054	8.075378
398.378388	107.037542	5473.667	
0.25000	14.927150	300.148057	8.075378
400.351484	104.307591	5435.488	
0.50000	14.927150	318.740500	8.075378
402.324939	102.301172	5370.187	
0.75000	14.927150	338.321827	8.075378
404.198331	101.162574	5293.880	
1.00000	14.927150	358.353053	8.075378
404.990109	100.959351	5191.277	

COMB DL-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.841061	-232.054591	-6.168577
-349.239398	-44.967121	-1290.341	
0.25000	-27.841061	-213.577741	-6.168577
-349.239398	-44.391524	-1349.274	
0.50000	-27.841061	-195.659469	-6.168577
-349.239398	-45.619074	-1437.499	
0.75000	-27.841061	-178.681133	-6.168577
-349.140267	-46.908482	-1510.607	
1.00000	-27.841061	-163.108151	-6.168577
-347.958948	-49.074504	-1583.972	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
417

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.246645	95.464675	1.372438
139.557495	28.703812	1928.486	
0.25000	10.246645	95.471558	1.372438
139.538948	28.235278	1884.487	
0.50000	10.246645	95.479021	1.372438
139.521177	27.854000	1850.101	
0.75000	10.246645	95.486908	1.372438
139.504609	27.588296	1831.733	
1.00000	10.246645	95.495068	1.372438
139.489670	27.478357	1824.342	

COMB DL-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.163523	-50.863543	-1.175125
-128.567398	-5.509915	-450.040922	
0.25000	-5.163523	-50.855884	-1.175125
-128.581567	-5.565347	-476.409445	
0.50000	-5.163523	-50.848521	-1.175125
-128.597372	-5.775432	-502.625640	
0.75000	-5.163523	-50.841608	-1.175125
-128.614391	-6.108562	-528.813912	
1.00000	-5.163523	-50.835306	-1.175125
-128.632194	-6.492553	-555.071890	

COMB DL-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.920593	146.642151	2.690009
197.555908	26.759777	3317.321	
0.25000	8.920593	146.649034	2.690009
197.537361	26.417466	3255.138	
0.50000	8.920593	146.656497	2.690009
197.519590	26.309275	3202.884	
0.75000	8.920593	146.664385	2.690009

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197.503022    26.483632    3165.411
 1.00000     8.920593   146.672544     2.690009
197.488083    26.961969    3138.891

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.585601   -68.700065   -2.370937
-238.160904   -20.075370  -862.361855
 0.25000   -10.585601   -68.692406   -2.370937
-238.175073   -19.840185  -910.448961
 0.50000   -10.585601   -68.685043   -2.370937
-238.190878   -19.931640  -958.339120
 0.75000   -10.585601   -68.678130   -2.370937
-238.207898   -20.433797  -1006.296
 1.00000   -10.585601   -68.671828   -2.370937
-238.225700   -21.289718  -1054.422

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.691628   266.069866     6.278926
402.548159    92.216371   5109.631
 0.25000   14.691628   284.427697     6.278926
369.467070    90.204242   5079.012
 0.50000   14.691628   304.054363     6.278926
337.502754    88.577559   5022.939
 0.75000   14.691628   324.812834     6.278926
309.916355    87.464345   4944.932
 1.00000   14.691628   346.162414     6.278926
305.901122    86.925655   4841.885

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -21.825893  -227.096572   -4.432321
-257.643921   -23.724311   -1176.665
 0.25000   -21.825893  -207.206276   -4.432321
-258.673740   -24.109985   -1244.831
 0.50000   -21.825893  -188.023647   -4.432321
-280.788376   -24.785021   -1312.817
 0.75000   -21.825893  -169.921324   -4.432321
-309.821334   -25.538604   -1380.720
 1.00000   -21.825893  -153.387772   -4.432321
-339.971383   -27.245192   -1448.910
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                418

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.843329   244.627370     6.705514
351.500211    77.783184    5027.027
 0.25000   13.843329   259.915975     6.705514
323.949915    76.210125    4992.566
 0.50000   13.843329   276.261278     6.705514
297.329680    75.115546    4936.988
 0.75000   13.843329   293.549162     6.705514
274.355423    74.636964    4863.152
 1.00000   13.843329   311.329328     6.705514
271.011492    74.753857    4768.677

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -20.385189  -194.824282   -6.186257
-288.303824   -58.948761   -1274.787
 0.25000   -20.385189  -178.259424   -6.186257
-289.161469   -57.919149   -1345.124
 0.50000   -20.385189  -162.283919   -6.186257
-307.578781   -57.477940   -1415.303
 0.75000   -20.385189  -147.208105   -6.186257
-331.757749   -57.742681   -1485.397
 1.00000   -20.385189  -133.438780   -6.186257
-356.867043   -58.608319   -1555.723

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.263959   32.983702     2.184227
21.293363    1.424180    1123.332
 0.25000    3.263959   32.990581     2.184227
21.274872    2.059414    1111.052
 0.50000    3.263959   32.998039     2.184227
21.257152    3.057621    1098.908
 0.75000    3.263959   33.005922     2.184227
21.240631    4.311637    1086.820
 1.00000    3.263959   33.014076     2.184227
21.225740    5.674295    1074.877

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.612302   -8.075098   -4.150560
-111.928833   -66.421619   -452.143446
 0.25000   -2.612302   -8.067445   -4.150560
-111.942953   -64.076735   -472.476935
 0.50000   -2.612302   -8.060087   -4.150560
-111.958707   -62.366116   -492.766777
 0.75000   -2.612302   -8.053179   -4.150560
-111.975672   -61.270197   -513.516300
 1.00000   -2.612302   -8.046882   -4.150560
-111.993418   -60.545540   -533.882739

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.065509   72.559346     4.192761
63.951313    4.574870    2243.863
 0.25000    5.065509   72.566226     4.192761
63.932798    5.601524    2216.733
 0.50000    5.065509   72.573686     4.192761
63.915056    7.084131    2190.118
 0.75000    5.065509   72.581571     4.192761
63.898516    8.969567    2163.928
 1.00000    5.065509   72.589728     4.192761
63.883603   11.043364    2138.201

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.350584  -21.021513   -6.349680
-208.444199   -94.703736   -817.144008
 0.25000   -10.350584  -21.013857   -6.349680
-208.458339   -91.742498   -856.068306
 0.50000   -10.350584  -21.006497   -6.349680
-208.474115   -89.849526   -895.013396
 0.75000   -10.350584  -20.999587   -6.349680
-208.491104   -89.279418   -934.637198
 1.00000   -10.350584  -20.993288   -6.349680
-208.508873   -89.486970   -973.630066
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                419

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.185918   131.484506     3.984343
150.025439    13.190064    3565.744
 0.25000    7.185918   131.558813     3.984343
149.825474    13.694230    3514.218
 0.50000    7.185918   131.639386     3.984343
149.633663    14.617331    3466.464
 0.75000    7.185918   131.724541     3.984343
149.455228    15.959245    3423.354
 1.00000    7.185918   131.812633     3.984343
149.294170    17.635722    3384.480

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.498216   -48.901474   -5.737422
-289.607762   -83.499088   -1113.580
 0.25000   -10.498216   -48.818786   -5.737422
-289.760475   -80.887594   -1170.147
 0.50000   -10.498216   -48.739303   -5.737422
-289.930859   -79.098639   -1226.643
 0.75000   -10.498216   -48.664668   -5.737422
-290.114333   -78.191936   -1283.182
 1.00000   -10.498216   -48.596639   -5.737422
-290.306247   -78.011280   -1339.930

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.478516   213.402885     5.890709
323.614928    57.185877    4650.005
 0.25000   14.478516   224.443307     5.890709
298.417736    56.582672    4608.833
 0.50000   14.478516   236.290502     5.890709
274.187671    56.529715    4554.824
 0.75000   14.478516   248.837592     5.890709
251.658940    56.957327    4490.311
 1.00000   14.478516   261.785293     5.890709
231.517335    57.855019    4413.234

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.311896  -154.038644   -6.526039
-294.913835   -74.253375   -1261.112
 0.25000  -16.311896  -141.916422   -6.526039
-313.537913   -72.345777   -1328.730
 0.50000  -16.311896  -130.253479   -6.526039
-334.696506   -71.199269   -1396.150
 0.75000  -16.311896  -119.279100   -6.526039
-357.452799   -70.859002   -1463.655
 1.00000  -16.311896  -109.269905   -6.526039
-381.131863   -71.157025   -1531.338

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.830814   320.697398     7.672753
458.850375   119.806549    5206.232
 0.25000   13.830814   346.137365     7.672753
458.850375   115.623016    5151.723
 0.50000   13.830814   373.414784     7.672753
458.850375   112.873928    5080.764
 0.75000   13.830814   401.977921     7.672753
458.850375   111.671596    4995.727
 1.00000   13.830814   431.010701     7.672753
458.850375   111.952761    4891.372

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.309971  -338.570517   -6.316626
-368.891276   -83.991418   -987.380500
 0.25000  -19.309971  -307.272030   -6.316626
-368.891276   -80.733255    -1043.481
 0.50000  -19.309971  -276.756315   -6.316626
-368.891276   -78.736655    -1099.582
 0.75000  -19.309971  -247.977142   -6.316626
-368.891276   -78.179581    -1155.882
 1.00000  -19.309971  -221.536567   -6.316626
-395.378008   -79.181891    -1211.783
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                420

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   18.190094   307.882323     8.075378
450.411446   138.953663    5585.474
 0.25000   18.190094   328.867384     8.075378
452.778559   135.166095    5551.783
 0.50000   18.190094   351.172637     8.075378
455.146103   132.093906    5490.167
 0.75000   18.190094   374.664249     8.075378
457.393600   129.929970    5405.786
 1.00000   18.190094   398.695602     8.075378
458.343492   128.628893    5294.657

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.841061  -274.124529   -6.526039
-349.239398   -94.703736   -1290.341
 0.25000  -27.841061  -250.017594   -6.526039
-349.239398   -91.742498   -1364.274
 0.50000  -27.841061  -226.634008   -6.526039
-349.239398   -89.849526   -1437.499
 0.75000  -27.841061  -205.918987   -6.526039
-357.452799   -89.279418   -1510.607
 1.00000  -27.841061  -187.236165   -6.526039
-381.131863   -89.486970   -1583.972

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   18.190094   320.697398     8.075378
458.850375   138.953663    5585.474
 0.25000   18.190094   346.137365     8.075378
458.850375   135.166095    5551.783
 0.50000   18.190094   373.414784     8.075378
458.850375   132.093906    5490.167
 0.75000   18.190094   401.977921     8.075378
458.850375   129.929970    5405.786
 1.00000   18.190094   431.010701     8.075378
458.850375   128.628893    5294.657

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.841061  -338.570517   -6.526039
-368.891276   -94.703736   -1290.341
 0.25000  -27.841061  -307.272030   -6.526039
-368.891276   -91.742498   -1364.274
 0.50000  -27.841061  -276.756315   -6.526039
-368.891276   -89.849526   -1437.499
 0.75000  -27.841061  -247.977142   -6.526039
-368.891276   -89.279418   -1510.607
 1.00000  -27.841061  -221.536567   -6.526039
-395.378008   -89.486970   -1583.972

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   18.190094   320.697398     8.075378
458.850375   138.953663    5585.474
 0.25000   18.190094   346.137365     8.075378
458.850375   135.166095    5551.783
 0.50000   18.190094   373.414784     8.075378
458.850375   132.093906    5490.167
 0.75000   18.190094   401.977921     8.075378
458.850375   129.929970    5405.786
 1.00000   18.190094   431.010701     8.075378
458.850375   128.628893    5294.657

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.841061  -338.570517   -6.526039
-368.891276   -94.703736   -1290.341
 0.25000  -27.841061  -307.272030   -6.526039
-368.891276   -91.742498   -1364.274
 0.50000  -27.841061  -276.756315   -6.526039
-368.891276   -89.849526   -1437.499
 0.75000  -27.841061  -247.977142   -6.526039
-368.891276   -89.279418   -1510.607
 1.00000  -27.841061  -221.536567   -6.526039
-395.378008   -89.486970   -1583.972
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                421

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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=    4.987426

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.363907   223.447179     6.703203
418.002300    80.477606    2581.345
 0.25000    4.363907   245.093182     6.703203
418.002300    75.328344    2551.413
 0.50000    4.363907   268.377873     6.703203
418.002300    71.284763    2492.547
 0.75000    4.363907   292.783315     6.703203
418.002300    68.454052    2401.911
 1.00000    4.363907   316.865767     6.703203
418.002300    66.719215    2279.932

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.260004  -220.495160   -2.051389
-85.326977    -9.571138  -481.451520
 0.25000  -12.260004  -196.670383   -2.051389
-85.326977   -12.337109  -510.676120
 0.50000  -12.260004  -172.875585   -2.051389
-85.326977   -15.108293  -539.900737
 0.75000  -12.260004  -150.522391   -2.051389
-85.326977   -17.885989  -569.125374
 1.00000  -12.260004  -130.109193   -2.051389
-85.326977   -20.667849  -598.367231

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.130172   347.184060     8.746439
560.081244   111.194237    4216.131
 0.25000   14.130172   374.460403     8.746439
560.081244   105.018261    4111.694
 0.50000   14.130172   403.717949     8.746439
560.081244   100.409956    3988.579
 0.75000   14.130172   434.344746     8.746439
560.081244    97.476028    3849.285
 1.00000   14.130172   465.369115     8.746439
560.081244    96.481054    3688.209

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.828813  -301.210202   -4.634756
-152.183335   -13.930337   -855.848401
 0.25000  -15.828813  -270.498732   -4.634756
-152.183335   -16.973620   -905.595185
 0.50000  -15.828813  -240.596082   -4.634756
-152.183335   -20.055747   -955.341986
 0.75000  -15.828813  -212.451473   -4.634756
-152.183335   -23.163894    -1005.089
 1.00000  -15.828813  -186.656212   -4.634756
-152.183335   -26.291988    -1054.891

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.563512   375.845610     8.340970
554.335377   100.696728    4890.741
 0.25000   10.563512   400.898950     8.340970
554.335377    95.301393    4741.414
 0.50000   10.563512   427.768138     8.340970
554.335377    91.342831    4577.598
 0.75000   10.563512   455.891255     8.340970
554.335377    88.970829    4403.164
 1.00000   10.563512   484.440865     8.340970
554.335377    88.285863    4214.611

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.043730  -281.745856   -4.537282
-261.399372   -14.557379   -1128.957
 0.25000  -16.043730  -253.473925   -4.537282
-261.399372   -17.040285   -1189.711
 0.50000  -16.043730  -226.012678   -4.537282
-261.399372   -19.556190   -1250.466
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                422

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000  -16.043730  -200.161201   -4.537282
-261.399372   -22.096221   -1311.220
 1.00000  -16.043730  -176.462696   -4.537282
-261.399372   -24.881323   -1372.024

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.934713   344.155064     8.601307
464.465090    86.484363    4682.786
 0.25000    9.934713   365.032847     8.601307
464.465090    82.184461    4526.573
 0.50000    9.934713   387.423837     8.601307
464.465090    79.084685    4359.235
 0.75000    9.934713   410.859801     8.601307
464.465090    77.476974    4184.010
 1.00000    9.934713   434.651110     8.601307
464.465090    77.397724    3997.814

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -18.789674  -237.473488   -6.289820
-333.678382   -40.349143   -1211.823
 0.25000  -18.789674  -213.913545   -6.289820
-333.678382   -42.529313   -1271.015
 0.50000  -18.789674  -191.029089   -6.289820
-333.678382   -42.134162   -1330.226
 0.75000  -18.789674  -169.486275   -6.289820
-333.678382   -44.068283   -1389.456
 1.00000  -18.789674  -149.737521   -6.289820
-333.678382   -46.650540   -1448.726

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.597383   110.539855     1.162764
150.092574    19.951762    1648.329
 0.25000   10.597383   110.552092     1.162764
150.050966    19.577256    1548.825
 0.50000   10.597383   110.565118     1.162764
150.015627    19.494023    1472.197
 0.75000   10.597383   110.578675     1.162764
149.982109    19.741673    1422.609
 1.00000   10.597383   110.592801     1.162764
149.950993    21.078159    1394.678

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.324110   -37.618723   -2.249247
-129.456477   -3.921293  -428.883386
 0.25000   -3.324110   -37.603596   -2.249247
-129.477955   -3.905356  -450.956922
 0.50000   -3.324110   -37.590282   -2.249247
-129.509363   -3.952051  -473.030639
 0.75000   -3.324110   -37.577646   -2.249247
-129.543065   -4.024558  -495.104608
 1.00000   -3.324110   -37.565936   -2.249247
-129.582508   -4.123377  -517.188102

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.596561   168.407272     2.588623
180.260885    21.463905    2681.986
 0.25000    7.596561   168.419511     2.588623
180.219262    21.311610    2527.637
 0.50000    7.596561   168.432538     2.588623
180.183912    21.457371    2397.923
 0.75000    7.596561   168.446096     2.588623
180.150382    21.944773    2300.044
 1.00000    7.596561   168.461324     2.588623
180.119254    22.906067    2229.867

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.482937   -42.822557   -3.499122
-277.742481   -16.857353   -805.174134
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                423

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000   -8.482937   -42.807427   -3.499122
-277.763967   -16.117037   -842.432598
 0.50000   -8.482937   -42.794113   -3.499122
-277.795426   -15.774528   -879.691081
 0.75000   -8.482937   -42.781475   -3.499122
-277.829140   -15.864006   -916.949610
 1.00000   -8.482937   -42.769764   -3.499122
-277.868597   -16.317463   -954.217004

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.935132   323.520910     6.690874
446.270908    74.341559    4389.220
 0.25000    8.935132   344.646665     6.690874
419.048654    71.061943    4243.975
 0.50000    8.935132   367.222350     6.690874
388.577699    68.720485    4087.311
 0.75000    8.935132   390.786149     6.690874
365.443073    67.712952    3922.232
 1.00000    8.935132   415.925017     6.690874
365.443073    67.888459    3745.338

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.789572  -227.291056   -4.995792
-252.266166   -21.606692   -1107.138
 0.25000  -14.789572  -202.356644   -4.995792
-252.266166   -22.393610   -1163.429
 0.50000  -14.789572  -179.283416   -4.995792
-264.096040   -23.537619   -1219.721
 0.75000  -14.789572  -157.476893   -4.995792
-294.762580   -25.074179   -1276.030
 1.00000  -14.789572  -137.382268   -4.995792
-323.561473   -26.935627   -1332.377

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.742389   295.828045     6.746704
372.299096    63.111292    4202.659
 0.25000    8.742389   313.422668     6.746704
349.639995    61.062492    4053.233
 0.50000    8.742389   332.224955     6.746704
324.275721    59.911005    3894.487
 0.75000    8.742389   351.850764     6.746704
305.124198    59.923024    3729.561
 1.00000    8.742389   372.786083     6.746704
305.124198    60.948896    3555.437

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.075021  -192.062035   -7.051652
-325.171918   -50.081861    1211.559
 0.25000  -14.075021  -171.296533   -7.051652
-325.171918   -48.796293    -1243.667
 0.50000  -14.075021  -152.079865   -7.051652
-334.893840   -48.276349    -1297.814
 0.75000  -14.075021  -133.918271   -7.051652
-360.448866   -48.635342    -1352.004
 1.00000  -14.075021  -117.182545   -7.051652
-384.420366   -49.774329    -1406.224

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.078486   37.547690     1.298253
 2.067363    4.316945   790.170492
 0.25000    2.078486   37.559934     1.298253
 2.025665    5.849059   749.042532
 0.50000    2.078486   37.572968     1.298253
 1.990258    7.444412   708.610034
 0.75000    2.078486   37.586531     1.298253
 1.956671    9.094234   669.118335
 1.00000    2.078486   37.601770     1.298253
 1.925487   10.774537   630.485247
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                424

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.492124   -4.176602   -4.782013
-175.660890   -53.025421   -404.536000
 0.25000   -2.492124   -4.161462   -4.782013
-175.682416   -49.485772   -414.487967
 0.50000   -2.492124   -4.148141   -4.782013
-175.714133   -46.659279   -424.514462
 0.75000   -2.492124   -4.135498   -4.782013
-175.747901   -44.591041   -434.570301
 1.00000   -2.492124   -4.123781   -4.782013
-175.787428   -43.298811   -444.626152

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.443113   83.380431     3.492682
18.380050    8.847678    1625.104
 0.25000    3.443113   83.392569     3.492682
18.341442   10.488753    1539.517
 0.50000    3.443113   83.405695     3.492682
18.306103   12.245893    1457.191
 0.75000    3.443113   83.419251     3.492682
18.272585   14.101222    1378.885
 1.00000    3.443113   83.434478     3.492682
18.241469   16.029830    1303.977

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.057137   -8.959362   -7.339472
-312.609871   -79.342736  -733.686037
 0.25000  -10.057137   -8.944235   -7.339472
-312.631349   -74.527703  -755.748215
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 0.50000   -10.057137    -8.930921    -7.339472
-312.662756   -71.148195  -777.891033
 0.75000   -10.057137    -8.916285    -7.339472
-312.696459   -69.345514  -800.070511
 1.00000   -10.057137    -8.906575    -7.339472
-312.735902   -69.199953  -822.250356

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.440712   151.341390    3.105239
 105.415596   13.167890    2711.566
 0.25000    4.440712   151.352405    3.105239
 105.378135   14.700662    2564.920
 0.50000    4.440712   151.364129    3.105239
 105.346320   16.456345    2431.489
 0.75000    4.440712   151.376331    3.105239
 105.316143   18.447036    2313.507
 1.00000    4.440712   151.390037    3.105239
 105.288128   20.688131    2210.486

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.556966   -24.910787   -6.926445
-396.241394   -67.427005   -1023.003
 0.25000   -8.556966   -24.897171   -6.926445
-396.260731   -63.187372   -1060.506
 0.50000   -8.556966   -24.885188   -6.926445
-396.289044   -60.028097   -1098.082
 0.75000   -8.556966   -24.873814   -6.926445
-396.319387   -58.053211   -1135.692
 1.00000   -8.556966   -24.863274   -6.926445
-396.354898   -57.179867   -1173.302

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.919422   254.904104    5.342824
331.350917   47.803484    3803.186
 0.25000   10.919422   267.330465    5.342824
294.451002   47.407184    3648.766
 0.50000   10.919422   280.583083    5.342824
270.787057   47.619606    3493.642
 0.75000   10.919422   294.395084    5.342824
247.356600   48.758426    3341.983
 1.00000   10.919422   309.528127    5.342824
223.250043   50.635842    3190.299
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                425

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -11.539376  -143.346586   -7.877128
-361.539356   -60.482350   -1170.103
 0.25000   -11.539376  -128.323580   -7.877128
-377.714516   -57.652209   -1219.671
 0.50000   -11.539376  -114.778673   -7.877128
-397.420853   -55.734655   -1269.300
 0.75000   -11.539376  -101.949431   -7.877128
-417.112161   -54.808426   -1318.980
 1.00000   -11.539376   -90.093300   -7.877128
-450.662007   -54.804851   -1368.672

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    8.732880   207.247099    9.083531
420.307335   90.980099    2624.550
 0.25000    8.732880   226.480321    9.083531
428.812187   84.194134    2587.845
 0.50000    8.732880   247.164113    9.083531
437.315768   78.627766    2518.648
 0.75000    8.732880   268.725858    9.083531
445.821891   74.310325    2416.230
 1.00000    8.732880   290.665466    9.083531
454.303924   70.782917    2281.872

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -21.223390  -171.997303   -2.166484
-68.609328   -13.934437   -629.250321
 0.25000  -21.223390  -153.355241   -2.166484
-68.609328   -16.913409   -666.765589
 0.50000  -21.223390  -135.248454   -2.166484
-68.609328   -20.557075   -704.307972
 0.75000  -21.223390  -118.113657   -2.166484
-68.609328   -24.639509   -742.206535
 1.00000  -21.223390  -102.465872   -2.166484
-68.586509   -28.833605   -779.636891

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.847747   336.305531   11.360115
568.844139   128.818462    4364.047
 0.25000   18.847747   359.704192   11.360115
572.140386   121.772108    4258.610
 0.50000   18.847747   384.884732   11.360115
575.435131   116.418869    4120.176
 0.75000   18.847747   411.186947   11.360115
578.732881   112.703082    3959.266
 1.00000   18.847747   438.007255   11.360115
582.029129   110.082185    3770.674

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.262762  -237.821495   -5.024407
-131.820641   -20.757134   -1117.521
 0.25000  -27.262762  -214.860418   -5.024407
-131.820641   -23.427998   -1181.594
 0.50000  -27.262762  -192.622629   -5.024407
-131.820641   -27.019731   -1245.653
 0.75000  -27.262762  -171.603043   -5.024407
-131.820641   -31.356058   -1310.115
 1.00000  -27.262762  -152.414829   -5.024407
-131.820641   -35.982035   -1374.058

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   16.611035   381.426930   10.844910
552.128456   116.640887    5293.966
 0.25000   16.611035   402.920363   10.844910
554.495783   109.825422    5143.781
 0.50000   16.611035   426.052395   10.844910
556.861733   104.644180    4964.269
 0.75000   16.611035   450.219425   10.844910
559.230436   101.145650    4762.811
 1.00000   16.611035   474.869702   10.844910
561.597763   98.828551    4536.416
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                426

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.197115  -225.736272   -5.033528
-250.280066   -23.738764   -1489.913
 0.25000  -27.197115  -204.616916   -5.033528
-250.280066   -25.295347   -1569.190
 0.50000  -27.197115  -184.169157   -5.033528
-250.280066   -28.017638   -1648.405
 0.75000  -27.197115  -164.844784   -5.033528
-250.280066   -31.969632   -1728.067
 1.00000  -27.197115  -147.219902   -5.033528
-250.280066   -36.512608   -1807.201

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.746381   359.001181   10.660241
462.291133   100.148441    5191.073
 0.25000   15.746381   376.916936   10.660241
464.264408   94.820935    5033.104
 0.50000   15.746381   396.198536   10.660241
466.236535   90.941897    4850.992
 0.75000   15.746381   416.342855   10.660241
468.210957   88.624826    4650.996
 1.00000   15.746381   436.889982   10.660241
470.184231   87.646979    4430.594

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.860901  -191.934248   -6.858662
-339.734959   -49.822519   -1583.993
 0.25000  -27.860901  -174.330304   -6.858662
-339.734959   -50.026814   -1661.183
 0.50000  -27.860901  -157.286167   -6.858662
-339.734959   -51.528551   -1738.308
 0.75000  -27.860901  -141.178424   -6.858662
-339.734959   -54.506099   -1815.777
 1.00000  -27.860901  -126.487283   -6.858662
-339.734959   -58.349937   -1892.872

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.176048   122.804574    1.345198
127.454391   27.591852    1824.311
 0.25000   10.176048   122.811693    1.345198
127.434987   27.960632    1739.259
 0.50000   10.176048   122.819324    1.345198
127.416386   28.578956    1659.739
 0.75000   10.176048   122.827395    1.345198
127.399025   29.715018    1596.705
 1.00000   10.176048   122.835734    1.345198
127.383322   31.449400    1546.129

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.285199   -35.346897   -2.596097
-116.595352   -6.272834   -555.104727
 0.25000   -5.285199   -35.339509   -2.596097
-116.608982   -5.791057   -583.576441
 0.50000   -5.285199   -35.332430   -2.596097
-116.624252   -5.509324   -611.978937
 0.75000   -5.285199   -35.325680   -2.596097
-116.640738   -5.538291   -640.395710
 1.00000   -5.285199   -35.319781   -2.596097
-116.658004   -5.707081   -668.800130

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    9.077399   197.160779    2.851257
150.314979   26.314561    3139.283
 0.25000    9.077399   197.167898    2.851257
150.295576   26.118554    2998.734
 0.50000    9.077399   197.175428    2.851257
150.276974   26.326936    2865.539
 0.75000    9.077399   197.183600    2.851257
150.259613   27.179233    2748.567
 1.00000    9.077399   197.191939    2.851257
150.243911   28.514380    2643.644
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                427

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.596621  -43.155209   -3.676657
-276.955806   -21.158950   -1054.418
 0.25000  -10.596621  -43.147821   -3.676657
-276.969436   -20.027578   -1103.361
 0.50000  -10.596621  -43.140742   -3.676657
-276.984707   -19.435752   -1152.221
 0.75000  -10.596621  -43.134115   -3.676657
-277.001192   -19.439848   -1201.124
 1.00000  -10.596621  -43.128093   -3.676657
-277.018458   -20.577976   -1250.076

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.103856   336.363144    8.058242
453.131407   86.460074    4841.675
 0.25000   15.103856   355.312716    8.058242
418.655516   82.700882    4699.830
 0.50000   15.103856   375.521750    8.058242
383.752230   79.997030    4531.009
 0.75000   15.103856   396.812400    8.058242
356.382554   78.511879    4340.850
 1.00000   15.103856   418.679249    8.058242
349.806006   77.894586    4128.185

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -21.850034  -186.916969   -5.279820
-249.861243   -27.857879   -1448.955
 0.25000  -21.850034  -167.863375   -5.279820
-249.867198   -28.135454   -1522.345
 0.50000  -21.850034  -149.509928   -5.279820
-264.269175   -29.304815   -1596.006
 0.75000  -21.850034  -132.249376   -5.279820
-291.006441   -31.548713   -1669.372
 1.00000  -21.850034  -116.549881   -5.279820
-318.829870   -34.466359   -1742.593

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.459611   317.431448    7.760437
378.197601   73.890681    4768.906
 0.25000   14.459611   333.212860    7.760437
349.385699   71.558772    4620.494
 0.50000   14.459611   350.043167    7.760437
320.417857   70.387452    4449.711
 0.75000   14.459611   367.774255    7.760437
297.624089   70.362596    4261.487
 1.00000   14.459611   385.985208    7.760437
292.147068   71.280455    4054.623

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -20.530777  -159.511081   -7.820495
-346.642027   -58.905737   -1555.731
 0.25000  -20.530777  -143.643037   -7.820495
-346.646987   -56.863879   -1626.677
 0.50000  -20.530777  -128.358084   -7.820495
-358.641112   -55.878018   -1697.847
 0.75000  -20.530777  -113.983306   -7.820495
-380.908202   -56.126462   -1768.747
 1.00000  -20.530777  -100.908593   -7.820495
-404.079860   -57.500332   -1839.552

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    3.699151   53.307703    1.224389
 2.245726    5.064000    1075.504
 0.25000    3.699151   53.314817    1.224389
 2.226376    7.129333    1032.206
 0.50000    3.699151   53.322443    1.224389
 2.207824    9.342615   988.993128
 0.75000    3.699151   53.330509    1.224389
 2.190510   11.628387   946.243919
 1.00000    3.699151   53.338843    1.224389
 2.174852   14.305972   903.592786
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                428

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.021203   -5.873889   -6.115091
-214.269352   -60.069279   -533.840429
 0.25000   -3.021203   -5.866507   -6.115091
-214.282932   -55.705973   -547.704591
 0.50000   -3.021203   -5.859434   -6.115091
-214.298149   -51.770979   -561.544702
 0.75000   -3.021203   -5.852811   -6.115091
-214.314579   -48.261412   -575.412252
 1.00000   -3.021203   -5.846793   -6.115091
-214.331785   -45.399566   -589.288048

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    5.754815   112.542263    3.604788
14.746240    9.740025    2139.239
 0.25000    5.754815   112.549380    3.604788
14.726867   11.992585    2049.996
 0.50000    5.754815   112.557008    3.604788
14.708294   14.397261    1962.125
 0.75000    5.754815   112.565076    3.604788
14.690960   17.166915    1876.166
 1.00000    5.754815   112.573412    3.604788
14.675282   20.569184    1790.754

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.720577  -12.149215   -8.609355
-366.085931   -86.981078   -973.547612
 0.25000  -10.720577  -12.141831   -8.609355
-366.099532   -84.074793   -1004.012
 0.50000  -10.720577  -12.134755   -8.609355
-366.114772   -80.106389   -1038.913
 0.75000  -10.720577  -12.128131   -8.609355
-366.131226   -77.431424   -1069.544
 1.00000  -10.720577  -12.122111   -8.609355
-366.148458   -75.801488   -1100.196

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    7.781964   190.430220    3.151109
85.557269   16.305957    3385.537
 0.25000    7.781964   190.507278    3.151109
85.348042   18.032101    3243.575
 0.50000    7.781964   190.589660    3.151109
85.147456   20.122182    3103.621
 0.75000    7.781964   190.676798    3.151109
84.960249   22.773419    2969.111
 1.00000    7.781964   190.766824    3.151109
84.790929   26.199298    2840.022

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.828839  -28.143847   -8.231840
-439.013963   -77.439865   -1339.866
 0.25000  -10.828839  -28.064096   -8.231840
-439.160859   -72.374735   -1389.876
 0.50000  -10.828839  -27.987677   -8.231840
-439.325449   -68.093299   -1439.833
 0.75000  -10.828839  -27.916131   -8.231840
-439.503149   -64.909407   -1489.776
 1.00000  -10.828839  -27.851121   -8.231840
-439.689257   -62.773357   -1540.004

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.064796   283.039043    5.936547
319.020005   56.961997    4413.788
 0.25000   15.064796   294.424102    5.936547
292.245893   56.978661    4264.247
 0.50000   15.064796   306.598333    5.936547
266.485279   57.793941    4099.558
 0.75000   15.064796   319.452365    5.936547
242.468692   59.490745    3925.898
 1.00000   15.064796   332.699821    5.936547
220.875734   62.128965    3741.363
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                429

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.687643  -123.125710   -9.121652
-391.238329   -71.012438   -1531.331
 0.25000  -16.687643  -111.480647   -9.121652
-408.276967   -67.117795   -1596.690
 0.50000  -16.687643  -100.294492   -9.121652
-428.230508   -64.207649   -1662.167
 0.75000  -16.687643   -89.802350   -9.121652
-449.888636   -62.523664   -1727.435
 1.00000  -16.687643   -80.263776   -9.121652
-472.530905   -61.859668   -1813.557

 COMB      DB ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.130172   375.845610    8.746439
560.081244   111.194237    4890.741
 0.25000   14.130172   400.898950    8.746439
560.081244   105.018261    4741.414
 0.50000   14.130172   427.768138    8.746439
560.081244   100.409956    4577.598
 0.75000   14.130172   455.861215    8.746439
560.081244   97.476028    4403.164
 1.00000   14.130172   484.440865    8.746439
560.081244   96.481054    4214.611

 COMB      DB ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -18.789674  -301.219202   -7.877128
-396.241394   -79.342736   -1211.823
 0.25000  -18.789674  -270.498732   -7.877128
-396.260731   -74.527703   -1271.015
 0.50000  -18.789674  -240.596082   -7.877128
-397.420853   -71.148195   -1330.226
 0.75000  -18.789674  -212.451473   -7.877128
-417.112161   -69.345514   -1389.456
 1.00000  -18.789674  -186.656212   -7.877128
-450.662007   -69.199953   -1448.726

 COMB      DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.847747   381.426930   11.360115
568.844139   128.818462    5293.966
 0.25000   18.847747   402.920363   11.360115
572.140386   121.772108    5143.781
 0.50000   18.847747   426.052395   11.360115
575.435131   116.418869    4964.269
 0.75000   18.847747   450.219425   11.360115
578.732881   112.703082    4762.811
 1.00000   18.847747   474.869702   11.360115
582.029129   110.082185    4536.416

 COMB      DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.860901  -237.821495   -9.121652
-439.013963   -88.981078   -1583.993
 0.25000  -27.860901  -214.860418   -9.121652
-439.160859   -84.074793   -1661.183
 0.50000  -27.860901  -192.622629   -9.121652
-439.325449   -80.106389   -1738.308
 0.75000  -27.860901  -171.603043   -9.121652
-449.888636   -77.431424   -1815.777
 1.00000  -27.860901  -152.414829   -9.121652
-472.530905   -75.801488   -1892.872

 COMB      CAR ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.847747   381.426930   11.360115
568.844139   128.818462    5293.966
 0.25000   18.847747   402.920363   11.360115
572.140386   121.772108    5143.781
 0.50000   18.847747   427.768138   11.360115
575.435131   116.418869    4964.269
 0.75000   18.847747   455.891295   11.360115
578.732881   112.703082    4762.811
 1.00000   18.847747   484.440865   11.360115
582.029129   110.082185    4536.416
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                430

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.860901  -301.219202   -9.121652
-439.013963   -88.981078   -1583.993
 0.25000  -27.860901  -270.498732   -9.121652
-439.160859   -84.074793   -1661.183
 0.50000  -27.860901  -240.596082   -9.121652
-439.325449   -80.106389   -1738.308
 0.75000  -27.860901  -212.451473   -9.121652
-449.888636   -77.431424   -1815.777
 1.00000  -27.860901  -186.656212   -9.121652
-472.530905   -75.801488   -1892.872

 COMB    DESIGN ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.847747   381.426930   11.360115
568.844139   128.818462    5293.966
 0.25000   18.847747   402.920363   11.360115
572.140386   121.772108    5143.781
 0.50000   18.847747   427.768138   11.360115
575.435131   116.418869    4964.269
 0.75000   18.847747   455.891295   11.360115
578.732881   112.703082    4762.811
 1.00000   18.847747   484.440865   11.360115
582.029129   110.082185    4536.416

 COMB    DESIGN ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -27.860901  -301.219202   -9.121652
-439.013963   -88.981078   -1583.993
 0.25000  -27.860901  -270.498732   -9.121652
-439.160859   -84.074793   -1661.183
 0.50000  -27.860901  -240.596082   -9.121652
-439.325449   -80.106389   -1738.308
 0.75000  -27.860901  -212.451473   -9.121652
-449.888636   -77.431424   -1815.777
 1.00000  -27.860901  -186.656212   -9.121652
-472.530905   -75.801488   -1892.872

 ELEM       8 ================== LENGTH
=    4.988004

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.755826   251.525298    7.788431
511.131268   65.946579    2278.514
 0.25000    4.755826   272.881741    7.788431
511.131268   59.272067    2207.418
 0.50000    4.755826   295.317123    7.788431
511.131268   53.648851    2109.684
 0.75000    4.755826   319.816117    7.788431
511.131268   49.159433    1982.527
 1.00000    4.755826   343.452374    7.788431
511.131268   45.758313    1826.279

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -11.783478  -194.215222   -0.834829
-22.123347   -20.819876   -598.331346
 0.25000  -11.783478  -170.880783   -0.834829
-22.123347   -25.042445   -637.149311
 0.50000  -11.783478  -147.601367   -0.834829
-22.123347   -29.266779   -675.967275
 0.75000  -11.783478  -125.789115   -0.834829
-22.123347   -33.496165   -714.785287
 1.00000  -11.783478  -105.930195   -0.834829
-22.123347   -37.726378   -753.603435

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.453942   394.281492    9.894631
656.964138   95.522354    3686.751
 0.25000   14.453942   421.210848    9.894631
656.964138   89.731473    3512.085
 0.50000   14.453942   450.044976    9.894631
656.964138   86.695133    3322.065
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                                431

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   14.453942   480.175329    9.894631
656.964138   85.599167    3119.308
 1.00000   14.453942   510.656248    9.894631
656.964138   85.916698    2900.222

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -15.151634  -258.877829   -4.028990
-97.582528   -26.336724   -1054.850
 0.25000  -15.151634  -228.748355   -4.028990
-97.582528   -31.017807   -1118.058
 0.50000  -15.151634  -199.467959   -4.028990
-97.582528   -35.733347   -1181.266
 0.75000  -15.151634  -171.980476   -4.028990
-97.582528   -40.502481   -1244.475
 1.00000  -15.151634  -146.861714   -4.028990
-97.582528   -45.285604   -1307.684

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.854170   433.851013    9.121196
601.925939   86.716180    4213.666
 0.25000   10.854170   458.586972    9.121196
601.925939   80.789293    3978.636
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 0.50000     10.854170   485.068457     9.121196
601.925939    77.178828    3731.365
 0.75000     10.854170   512.736765     9.121196
601.925939    75.423190    3477.118
 1.00000     10.854170   540.788514     9.121196
601.925939    75.230298    3215.664

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.251926 -235.467357   -3.999885
-231.104650  -25.351518   -1371.977
 0.25000   -15.251926 -207.736335   -3.999885
-231.104650  -28.526435   -1444.016
 0.50000   -15.251926 -180.844548   -3.999885
-231.104650  -32.322267   -1516.055
 0.75000   -15.251926 -155.594976   -3.999885
-231.104650  -36.396910   -1588.094
 1.00000   -15.251926 -132.516220   -3.999885
-231.104650  -41.009013   -1660.133

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    10.369926  402.473701     9.413251
506.993120   76.005286    3997.629
 0.25000    10.369926  423.087000     9.413251
506.993120   71.858515    3755.704
 0.50000    10.369926  445.154905     9.413251
506.993120   69.779323    3505.276
 0.75000    10.369926  468.211828     9.413251
506.993120   69.325164    3250.551
 1.00000    10.369926  491.588285     9.413251
506.993120   70.365820    2991.323

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.001957 -198.618322   -6.179169
-346.125359  -47.205605   -1448.692
 0.25000   -18.001957 -175.509136   -6.179169
-346.125359  -48.739169   -1513.059
 0.50000   -18.001957 -153.098314   -6.179169
-346.125359  -51.463594   -1577.427
 0.75000   -18.001957 -132.058004   -6.179169
-346.125359  -55.514789   -1641.819
 1.00000   -18.001957 -112.825707   -6.179169
-346.125359  -60.232667   -1706.270

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    10.464260  131.247148     1.132105
125.201021   21.073584    1394.831
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        432

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000    10.464260  131.259262     1.132105
125.158520   23.150268    1263.021
 0.50000    10.464260  131.272129     1.132105
125.122271   26.499403    1154.990
 0.75000    10.464260  131.285490     1.132105
125.087863   30.290441    1076.313
 1.00000    10.464260  131.300506     1.132105
125.055836   34.119686    1021.580

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.158809  -21.612720   -3.248243
-125.192751   -4.037836  -517.183929
 0.25000   -3.158809  -21.597810   -3.248243
-125.214680   -4.143927  -541.782967
 0.50000   -3.158809  -21.584727   -3.248243
-125.237983   -4.267843  -566.382005
 0.75000   -3.158809  -21.572341   -3.248243
-125.272358   -4.427694  -590.981147
 1.00000   -3.158809  -21.560895   -3.248243
-125.312474   -4.605828  -615.580393

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.544876  204.550476     2.648765
124.140114   21.853929    2230.577
 0.25000    7.544876  204.562592     2.648765
124.099598   22.742277    2022.506
 0.50000    7.544876  204.575459     2.648765
124.063337   25.113188    1838.942
 0.75000    7.544876  204.588822     2.648765
124.028918   28.228075    1688.992
 1.00000    7.544876  204.603840     2.648765
123.996879   31.781437    1572.221

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.098769  -22.542741   -4.487554
-304.455183  -16.569975  -954.200370
 0.25000   -8.098769  -22.527829   -4.487554
-304.477120  -15.751422  -991.378794
 0.50000   -8.098769  -22.514744   -4.487554
-304.500480  -15.837011  -1028.557
 0.75000   -8.098769  -22.502356   -4.487554
-304.534865  -17.081529  -1065.765
 1.00000   -8.098769  -22.490910   -4.487554
-304.574995  -18.680919  -1102.974

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.037057  377.614616     7.285837
454.786146   66.413480    3745.239
 0.25000    9.037057  398.499462     7.285837
426.255705   63.473612    3519.492
 0.50000    9.037057  420.772591     7.285837
394.452076   62.357518    3284.114
 0.75000    9.037057  443.976223     7.285837
379.273141   63.179672    3043.974
 1.00000    9.037057  468.721888     7.285837
379.273141   65.258824    2798.589

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -14.064791 -188.707513   -5.591358
-282.436631  -26.973997   -1332.343
 0.25000   -14.064791 -164.190231   -5.591358
-282.435414  -28.720282   -1395.329
 0.50000   -14.064791 -141.557393   -5.591358
-282.436631  -31.041971   -1458.315
 0.75000   -14.064791 -120.222754   -5.591358
-294.042705  -34.409257   -1521.329
 1.00000   -14.064791 -100.621002   -5.591358
-321.169771  -38.067126   -1584.342
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        433

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.021095  349.945857     6.803934
388.680810   59.840325    3555.987
 0.25000    9.021095  367.339810     6.803934
364.932328   58.744463    3327.237

 0.50000    9.021095  385.890086     6.803934
338.458245   59.202075    3091.454
 0.75000    9.021095  405.215408     6.803934
325.925847   61.203229    2852.653
 1.00000    9.021095  425.823716     6.803934
325.925847   64.272984    2610.709

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -13.406710 -159.522219   -8.041526
-392.464944  -50.260523   -1406.213
 0.25000   -13.406710 -139.104166   -8.041526
-392.463931  -49.147764   -1460.600
 0.50000   -13.406710 -120.254320   -8.041526
-392.464944  -49.221556   -1514.986
 0.75000   -13.406710 -102.485774   -8.041526
-402.009277  -50.682802   -1569.438
 1.00000   -13.406710  -86.160569   -8.041526
-424.591823  -52.960571   -1624.021

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.408724   50.415034     0.326164
21.202655   10.892568  631.467022
 0.25000    2.408724   50.427156     0.326164
21.160065   13.246254  573.370813
 0.50000    2.408724   50.440029     0.326164
21.123745   15.680715  516.342126
 0.75000    2.408724   50.453398     0.326164
21.089268   18.172653  460.792259
 1.00000    2.408724   50.468426     0.326164
21.057171   20.710783  406.969272

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.817243  -3.651385   -5.678052
-242.274329  -43.653191  -444.667590
 0.25000   -2.817243  -3.636463   -5.678052
-242.296306  -39.055230  -445.699720
 0.50000   -2.817243  -3.623372   -5.678052
-242.319948  -35.259547  -446.773640
 0.75000   -2.817243  -3.610979   -5.678052
-242.354389  -32.162602  -448.089075
 1.00000   -2.817243  -3.599526   -5.678052
-242.394590  -29.760403  -449.410808

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.936450  109.337354     3.133764
26.526832   15.770092    1305.586
 0.25000    3.936450  109.349468     3.133764
26.484331   18.547350    1183.690
 0.50000    3.936450  109.362334     3.133764
26.448081   21.781120    1066.397
 0.75000    3.936450  109.375696     3.133764
26.413674   25.277726  954.257067
 1.00000    3.936450  109.390712     3.133764
26.381646   28.960650  847.594472

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.266413  -7.188957   -8.518403
-415.019951  -69.891149  -922.285279
 0.25000  -10.266413  -7.174047   -8.518403
-415.095880  -64.491934  -831.964563
 0.50000  -10.266413  -7.160964   -8.518403
-415.119183  -61.863482  -841.670585
 0.75000  -10.266413  -7.148578   -8.518403
-415.153557  -61.506237  -851.654030
 1.00000  -10.266413  -7.137132   -8.518403
-415.193673  -62.068799  -861.698710
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        434

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.886934  191.379933     2.109873
75.055622   19.955263    2212.143
 0.25000    4.886934  191.390837     2.109873
75.017358   22.642916    2007.979
 0.50000    4.886934  191.402418     2.109873
74.984723   25.804349    1817.535
 0.75000    4.886934  191.414444     2.109873
74.953746   29.337315    1644.907
 1.00000    4.886934  191.427960     2.109873
74.924911   33.271662    1491.329

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.608757  -10.827058   -8.282777
-492.951780  -57.552367   -1173.327
 0.25000   -8.608757  -10.813637   -8.282777
-492.971523  -52.411882   -1220.551
 0.50000   -8.608757  -10.801861   -8.282777
-492.992547  -48.586574   -1227.797
 0.75000   -8.608757  -10.790713   -8.282777
-493.023494  -46.555714   -1255.284
 1.00000   -8.608757  -10.780410   -8.282777
-493.059611  -45.559030   -1282.828

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.120211  305.343991     4.760312
329.650681   49.719448    3191.361
 0.25000   11.120211  317.637360     4.760312
293.953644   50.783214    2963.527
 0.50000   11.120211  330.719958     4.760312
271.002908   53.478259    2736.517
 0.75000   11.120211  344.327181     4.760312
246.845879   57.430486    2515.878
 1.00000   11.120211  359.238167     4.760312
229.340263   62.201238    2301.022

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.342485 -116.137424   -9.582403
-440.152836  -55.270865   -1368.684
 0.25000  -11.342485 -101.347056   -9.582403
-444.192271  -51.941961   -1414.320
 0.50000  -11.342485  -88.048185   -9.582403
-464.225072  -49.866588   -1459.974
 0.75000  -11.342485  -75.484907   -9.582403
-484.171616  -49.284413   -1505.829
 1.00000  -11.342485  -63.906480   -9.582403
-507.383290  -49.601514   -1551.732

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.331973  250.371064    11.924465
560.103933   68.952621    2280.022
 0.25000    9.331973  270.557600    11.924465
568.609770   61.362459    2184.759
 0.50000    9.331973  292.028254    11.924465
577.115607   54.774842    2057.110
 0.75000    9.331973  314.336914    11.924465
585.621444   49.674204    1897.437
 1.00000    9.331973  337.000000    11.924465
594.127281   45.989617    1706.375

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.962488 -148.648401    -1.219263
-32.853152  -28.550102 -779.520884
 0.25000  -20.962488 -131.130629    -1.219263
-32.853152  -35.304622 -828.601821
 0.50000  -20.962488 -114.181305    -1.219263
-32.853152  -42.624899 -877.962346
 0.75000  -20.962488  -98.250435    -1.219263
-32.853152  -50.599535 -927.133008
 1.00000  -20.962488  -83.700355    -1.219263
-32.853152  -59.336604 -976.243907
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        435

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    19.436035  408.702541    14.413746
721.358479  107.987513    3768.622
 0.25000    19.436035  433.096839    14.413746
724.655108  102.082698    3565.000
 0.50000    19.436035  459.193595    14.413746
727.951737   98.455988    3327.303
 0.75000    19.436035  486.356614    14.413746
731.248367   96.337513    3068.839
 1.00000    19.436035  514.017861    14.413746
734.544996   95.770503    2784.039

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -26.947034 -200.986340    -4.963655
-104.236183  -35.261968   -1373.928
 0.25000   -26.947034 -179.339086    -4.963655
-104.236183  -42.708905   -1454.118
 0.50000   -26.947034 -158.439061    -4.963655
-104.236183  -50.870033   -1534.602
 0.75000   -26.947034 -138.826234    -4.963655
-104.236183  -59.810237   -1614.840
 1.00000   -26.947034 -120.924005    -4.963655
-104.236183  -69.646521   -1694.982

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    17.156399  470.377788    13.469105
658.844746   96.402400    4535.039
 0.25000    17.156399  492.778194    13.469105
661.212347   90.601889    4261.843
 0.50000    17.156399  516.749281    13.469105
663.579948   86.959725    3959.499
 0.75000    17.156399  541.703955    13.469105
665.947549   84.976878    3636.510
 1.00000    17.156399  567.120338    13.469105
668.315150   84.729209    3289.989

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -26.661878 -185.484739    -5.271378
-257.963273  -36.296860   -1807.069
 0.25000   -26.661878 -165.568187    -5.271378
-257.963273  -41.926556   -1899.464
 0.50000   -26.661878 -146.345122    -5.271378
-257.963273  -48.707737   -1992.183
 0.75000   -26.661878 -128.306613    -5.271378
-257.963273  -56.714848   -2084.669
 1.00000   -26.661878 -111.845008    -5.271378
-257.963273  -65.898177   -2177.015

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    16.454648  444.943898    12.902847
555.797456   85.337037    4430.189
 0.25000    16.454648  463.615656    12.902847
557.770959   81.811991    4151.383
 0.50000    16.454648  483.596647    12.902847
559.744462   80.326097    3848.640
 0.75000    16.454648  504.396670    12.902847
561.717965   80.504074    3529.243
 1.00000    16.454648  525.583215    12.902847
563.691468   82.511202    3191.035

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -27.375465 -158.027616    -7.717945
-400.727574  -75.158846   -1692.790
 0.25000   -27.375465 -141.426266    -7.717945
-400.727574  -62.058203   -1975.972
 0.50000   -27.375465 -125.402049    -7.717945
-400.727574  -67.099556   -2059.427
 0.75000   -27.375465 -110.367049    -7.717945
-400.727574  -73.893573   -2142.680
 1.00000   -27.375465  -96.645552    -7.717945
-400.727574  -82.152959   -2225.840
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        436

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    10.085305  154.199853     1.450070
106.523914   31.294398    1546.169
 0.25000    10.085305  154.207140     1.450070
106.503869   34.306648    1418.709
 0.50000    10.085305  154.215015     1.450070
106.484689   38.087203    1294.965
 0.75000    10.085305  154.223286     1.450070
106.466804   41.940753    1187.926
 1.00000    10.085305  154.231809     1.450070
106.450581   45.866952    1093.622

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.189361  -22.459533   -3.745733
-121.328695   -5.324023  -668.789518
 0.25000   -5.189361  -22.452457   -3.745733
-121.342140   -5.305293  -700.034071
 0.50000   -5.189361  -22.445703   -3.745733
-121.357212   -6.082379  -731.239651
 0.75000   -5.189361  -22.439395   -3.745733
-121.373468   -6.603971  -762.457409
 1.00000   -5.189361  -22.433704   -3.745733
-121.390496   -7.196530  -793.688123

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.190866  251.255206     3.001994
106.073528   27.617021    2644.490
 0.25000    9.190866  251.262493     3.001994
106.053483   29.435138    2427.196
 0.50000    9.190866  251.270368     3.001994
106.034304   32.468387    2217.610
 0.75000    9.190866  251.278640     3.001994
106.016418   36.081337    2024.290
 1.00000    9.190866  251.287163     3.001994
106.000195   40.201263    1844.631

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -10.234301  -25.892956   -5.064348
-332.057664  -20.885656   -1250.054
 0.25000   -10.234301  -25.885880   -5.064348
-332.071108  -19.986893   -1298.533

 0.50000   -10.234301  -25.879126   -5.064348
-332.086181  -20.171895   -1347.055
 0.75000   -10.234301  -25.872818   -5.064348
-332.102437  -21.413468   -1395.550
 1.00000   -10.234301  -25.867127   -5.064348
-332.119465  -23.381191   -1444.009

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    15.437003  417.884682     9.606238
508.775810   75.913037    4127.770
 0.25000    15.437003  437.350383     9.606238
473.834065   73.958845    3871.723
 0.50000    15.437003  458.297598     9.606238
437.798015   73.491968    3589.705
 0.75000    15.437003  480.198405     9.606238
413.539537   74.125576    3287.094
 1.00000    15.437003  502.635229     9.606238
405.457248   76.134579    2963.487

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -21.378674 -153.497864    -6.244610
-310.554133  -34.464733   -1742.512
 0.25000   -21.378674 -135.369981    -6.244610
-310.536807  -37.189801   -1823.773
 0.50000   -21.378674 -117.973387    -6.244610
-310.568564  -41.212893   -1905.285
 0.75000   -21.378674 -101.731878    -6.244610
-330.933352  -46.395850   -1986.534
 1.00000   -21.378674  -86.953796    -6.244610
-357.262992  -52.476991   -2067.680
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        437

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    15.063956  394.930595     8.691556
436.546472   69.647491    4055.075
 0.25000    15.063956  411.141846     8.691556
407.446601   69.971224    3795.491
 0.50000    15.063956  428.586918     8.691556
377.435381   71.781089    3514.354
 0.75000    15.063956  446.826151     8.691556
357.476667   74.885682    3216.459
 1.00000    15.063956  465.511786     8.691556
350.501633   79.414055    2901.377

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -20.254883 -131.475807    -9.592710
-456.639675  -57.871492   -1839.541
 0.25000   -20.254883 -116.378705    -9.592710
-456.625246  -57.250606   -1910.588
 0.50000   -20.254883 -101.890630    -9.592710
-456.651694  -58.127373   -1981.837
 0.75000   -20.254883  -88.364522    -9.592710
-473.511714  -60.616750   -2053.874
 1.00000   -20.254883  -76.057172    -9.592710
-495.539328  -64.581870   -2123.902

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.233561   66.337759     0.525372
26.780518   14.480412   904.838324
 0.25000    4.233561   66.345042     0.525372
26.760525   18.302034   839.020165
 0.50000    4.233561   66.352913     0.525372
26.741394   22.621348   773.400948
 0.75000    4.233561   66.361379     0.525372
26.723554   27.541851   708.360708
 1.00000    4.233561   66.369697     0.525372
26.707372   33.099898   643.747551

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.440893   -6.469923   -8.016098
-307.052278  -45.983860  -589.398173
 0.25000   -3.440893   -6.462853   -8.016098
-307.065675  -40.372877  -592.230106
 0.50000   -3.440893   -6.456104   -8.016098
-307.080692  -35.541348  -595.057759
 0.75000   -3.440893   -6.449801   -8.016098
-307.096890  -31.608490  -598.285866
 1.00000   -3.440893   -6.444114   -8.016098
-307.113856  -28.594230  -601.259131

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.547539  143.293145     3.311863
31.775464   20.337704    1792.803
 0.25000    6.547539  143.300430     3.311863
31.755449   25.150123    1555.067
 0.50000    6.547539  143.308302     3.311863
31.736297   30.723091    1518.787
 0.75000    6.547539  143.316571     3.311863
31.718438   37.154782    1384.829
 1.00000    6.547539  143.325090     3.311863
31.702238   44.535460    1252.657

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.018474  -11.043637  -11.030304
-515.684374  -79.881641   -1180.308
 0.25000  -11.018474  -11.036564  -11.030304
-515.677794  -71.311080   -1115.637
 0.50000  -11.018474  -11.029813  -11.030304
-515.692834  -67.446255   -1130.972
 0.75000  -11.018474  -11.023508  -11.030304
-515.709057  -65.387088   -1146.417
 1.00000  -11.018474  -11.017810  -11.030304
-515.726050  -64.683022   -1161.896
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        438

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.439873  243.571909     2.519857
70.054634   25.559705    2842.145
 0.25000    8.439873  243.650584     2.519857
69.838469   30.395570    2619.924
 0.50000    8.439873  243.735603     2.519857
69.631628   36.209625    2401.940
 0.75000    8.439873  243.824906     2.519857
69.438747   42.915662    2186.920
 1.00000    8.439873  243.916920     2.519857
69.263793   50.548452    1980.132

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.919769  -17.180996  -10.918614
-585.604513  -63.616550   -1540.095
 0.25000  -10.919769  -17.104612  -10.918614
-585.749445  -57.782329   -1577.232
 0.50000  -10.919769  -17.031699  -10.918614
-585.911882  -53.386759   -1614.377
 0.75000  -10.919769  -16.963602  -10.918614
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-586.087088  -50.568019  -1651.626
 1.00000  -10.919769  -16.902162  -10.918614
-586.270612  -48.957048  -1688.869

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.684315  353.380762    6.073963
350.522221   61.045131   3742.481
 0.25000   15.684315  365.052202    6.073963
322.584120   64.480540   3490.349
 0.50000   15.684315  377.639420    6.073963
295.717401   69.414012   3223.918
 0.75000   15.684315  390.835579    6.073963
270.665869   75.432377   2948.927
 1.00000   15.684315  404.398599    6.073963
248.068220   82.860093   2664.695

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.698664 -100.484104  -11.798284
-517.411953   -62.236741   -1813.621
 0.25000  -16.698664  -89.358890  -11.798284
-525.683828   -59.028813   -1875.816
 0.50000  -16.698664  -78.714369  -11.798284
-545.058846   -57.199944   -1937.923
 0.75000  -16.698664  -68.774141  -11.798284
-566.103004   -56.918418   -2031.109
 1.00000  -16.698664  -59.776104  -11.798284
-588.138617   -57.896655   -2094.796

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.453942  433.851013    9.894631
656.964138   95.522354   4213.666
 0.25000   14.453942  458.586972    9.894631
656.964138   89.731473   3978.636
 0.50000   14.453942  485.068457    9.894631
656.964138   86.695133   3731.365
 0.75000   14.453942  512.736765    9.894631
656.964138   85.599167   3477.118
 1.00000   14.453942  540.788514    9.894631
656.964138   85.916698   3215.664

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -18.001957 -258.877829   -9.582403
-492.951780   -69.891149   -1448.692
 0.25000  -18.001957 -228.748355   -9.582403
-492.971523   -64.491934   -1513.059
 0.50000  -18.001957 -199.467959   -9.582403
-492.992547   -61.863482   -1577.427
 0.75000  -18.001957 -171.980476   -9.582403
-493.023494   -61.506237   -1641.819
 1.00000  -18.001957 -146.861718   -9.582403
-507.383290   -62.068799   -1706.270
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   439

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.436035  470.377788   14.413746
721.358479  107.987513   4535.039
 0.25000   19.436035  492.778194   14.413746
724.655108  102.082698   4261.843
 0.50000   19.436035  516.749281   14.413746
727.951737   98.455988   3959.499
 0.75000   19.436035  541.702955   14.413746
731.248367   96.337513   3636.510
 1.00000   19.436035  567.120338   14.413746
734.544996   95.770503   3289.989

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.375465 -200.986340  -11.798284
-585.604513   -76.881641   -1892.790
 0.25000  -27.375465 -179.339086  -11.798284
-585.749445   -71.311080   -1975.972
 0.50000  -27.375465 -158.439061  -11.798284
-585.911882   -67.446255   -2059.427
 0.75000  -27.375465 -138.826234  -11.798284
-586.087088   -73.893573   -2142.680
 1.00000  -27.375465 -120.924005  -11.798284
-588.138617   -82.152959   -2225.840

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.436035  470.377788   14.413746
721.358479  107.987513   4535.039
 0.25000   19.436035  492.778194   14.413746
724.655108  102.082698   4261.843
 0.50000   19.436035  516.749281   14.413746
727.951737   98.455988   3959.499
 0.75000   19.436035  541.702955   14.413746
731.248367   96.337513   3636.510
 1.00000   19.436035  567.120338   14.413746
734.544996   95.770503   3289.989

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.375465 -258.877829  -11.798284
-585.604513   -76.881641   -1892.790
 0.25000  -27.375465 -228.748355  -11.798284
-585.749445   -71.311080   -1975.972
 0.50000  -27.375465 -199.467959  -11.798284
-585.911882   -67.446255   -2059.427
 0.75000  -27.375465 -171.980476  -11.798284
-586.087088   -73.893573   -2142.680
 1.00000  -27.375465 -146.861718  -11.798284
-588.138617   -82.152959   -2225.840

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.436035  470.377788   14.413746
721.358479  107.987513   4535.039
 0.25000   19.436035  492.778194   14.413746
724.655108  102.082698   4261.843
 0.50000   19.436035  516.749281   14.413746
727.951737   98.455988   3959.499
 0.75000   19.436035  541.702955   14.413746
731.248367   96.337513   3636.510
 1.00000   19.436035  567.120338   14.413746
734.544996   95.770503   3289.989

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -27.375465 -258.877829  -11.798284
-585.604513   -76.881641   -1892.790
 0.25000  -27.375465 -228.748355  -11.798284
-585.749445   -71.311080   -1975.972
 0.50000  -27.375465 -199.467959  -11.798284
-585.911882   -67.446255   -2059.427
 0.75000  -27.375465 -171.980476  -11.798284
-586.087088   -73.893573   -2142.680
 1.00000  -27.375465 -146.861718  -11.798284
-588.138617   -82.152959   -2225.840
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   440

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      9 ================== LENGTH =    4.987712

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.141236  289.806329    8.124141
567.162638   44.868262   1824.562
 0.25000    5.141236  311.118862    8.124141
567.162638   37.374405   1705.797
 0.50000    5.141236  333.913137    8.124141
567.162638   30.927048   1561.873
 0.75000    5.141236  357.674416    8.124141
567.162638   25.324715   1390.372
 1.00000    5.141236  380.951359    8.124141
567.162638   20.741235   1192.018

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.284412 -157.175241   -0.325236
-78.773893   -37.787584  -753.355106
 0.25000  -11.284412 -134.353692   -0.325236
-78.773893   -40.639274  -810.612552
 0.50000  -11.284412 -111.654889   -0.325236
-78.773893   -43.501710  -868.168511
 0.75000  -11.284412  -90.479988   -0.325236
-78.773893   -46.377282  -925.724774
 1.00000  -11.284412  -71.220857   -0.325236
-78.773893   -49.254546  -983.281028

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.790546  453.133872   10.817142
691.035039   85.276637   2898.482
 0.25000   14.790546  479.966971   10.817142
691.035039   77.498543   2650.177
 0.50000   14.790546  508.591244   10.817142
691.035039   70.844896   2389.656
 0.75000   14.790546  538.396013   10.817142
691.035039   65.385545   2120.792
 1.00000   14.790546  568.405899   10.817142
691.035039   61.185852   1838.393

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.346061 -206.692673   -0.900295
-171.031879   -45.157763   -1307.365
 0.25000  -14.346061 -177.210806   -0.900295
-171.031879   -48.730994   -1394.089
 0.50000  -14.346061 -148.652170   -0.900295
-171.031879   -52.313018   -1481.152
 0.75000  -14.346061 -121.950091   -0.900295
-171.031879   -55.912880   -1568.218
 1.00000  -14.346061  -97.587758   -0.900295
-171.031879   -59.517995   -1655.286

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.101820  499.200274    9.725321
603.779618   73.595217   3214.661
 0.25000   11.101820  523.845041    9.725321
603.779618   66.135311   2899.156
 0.50000   11.101820  550.131384    9.725321
603.779618   59.839879   2575.682
 0.75000   11.101820  577.498695    9.725321
603.779618   54.831294   2251.183
 1.00000   11.101820  605.116395    9.725321
603.779618   51.186056   1924.578

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.252162 -190.689910   -1.585032
-316.358954   -41.359167   -1659.861
 0.25000  -14.252162 -163.553925   -1.585032
-316.358954   -44.334942   -1738.321
 0.50000  -14.252162 -137.324361   -1.585032
-316.358954   -47.787844   -1839.084
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   441

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000  -14.252162 -112.794932   -1.585032
-316.358954   -51.389401   -1928.890
 1.00000  -14.252162  -90.409223   -1.585032
-316.358954   -55.064209   -2018.765

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.869722  462.310644    8.399457
529.488877   68.859776   2991.253
 0.25000   10.869722  482.847950    8.399457
529.488877   63.784910   2676.241
 0.50000   10.869722  504.753235    8.399457
529.488877   59.717115   2356.829
 0.75000   10.869722  527.559327    8.399457
529.488877   56.764339   2040.245
 1.00000   10.869722  550.574078    8.399457
529.488877   55.010210   1726.826

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.047400 -164.117646   -4.257577
-440.847826   -60.909879   -1706.135
 0.25000  -17.047400 -141.504325   -4.257577
-440.847826   -62.217356   -1777.395
 0.50000  -17.047400 -119.646355   -4.257577
-440.847826   -64.314465   -1848.924
 0.75000  -17.047400  -99.205164   -4.257577
-440.847826   -66.795252   -1920.648
 1.00000  -17.047400  -80.550807   -4.257577
-440.847826   -69.531163   -1992.475

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.357230  151.323139    1.702546
77.073276   34.438770   1021.817
 0.25000   10.357230  151.335141    1.702546
77.029711   34.906588   865.264793
 0.50000   10.357230  151.347854    1.702546
76.992363   35.376420   734.041222
 0.75000   10.357230  151.361022    1.702546
76.956800   35.848215   635.149704
 1.00000   10.357230  151.375792    1.702546
76.923412   36.367695   561.527220

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.872042  -13.248424   -0.683377
-141.755589   -4.391833  -615.540750
 0.25000   -2.872042  -13.233809   -0.683377
-141.773377   -4.643234  -642.012317
 0.50000   -2.872042  -13.221031   -0.683377
-141.796425   -4.893306  -668.484118
 0.75000   -2.872042  -13.208968   -0.683377
-141.831762   -5.160273  -694.956889
 1.00000   -2.872042  -13.197864   -0.683377
-141.872789   -5.426381  -721.430267

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.613809  235.420153    1.815041
67.992291   30.694494   1573.265
 0.25000    7.613809  235.432157    1.815041
67.948711   30.976812   1327.895
 0.50000    7.613809  235.444871    1.815041
67.911351   31.458376   1110.353
 0.75000    7.613809  235.458040    1.815041
67.875776   32.205702   931.648968
 1.00000    7.613809  235.472812    1.815041
67.842377   33.363927   789.961327

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.531840  -16.440820   -2.614559
-345.174443   -19.138655   -1102.982
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   442

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000   -7.531840  -16.426202   -2.614559
-345.192303   -19.564265   -1135.413
 0.50000   -7.531840  -16.413423   -2.614559
-345.215398   -20.270680   -1167.844
 0.75000   -7.531840  -16.401359   -2.614559
-345.250760   -21.327734   -1200.385
 1.00000   -7.531840  -16.390254   -2.614559
-345.291801   -22.443056   -1233.042

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.456735  433.316861    7.036932
433.487362   63.766005   2798.638
 0.25000    9.456735  454.068921    7.036932
402.958811   59.674723   2504.549
 0.50000    9.456735  476.129391    7.036932
369.195996   56.678117   2205.182
 0.75000    9.456735  499.039918    7.036932
367.782180   54.820399   1907.289
 1.00000    9.456735  523.391584    7.036932
367.782180   53.968143   1609.770

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.137232 -156.415984   -2.505369
-356.592845   -38.392798   -1584.188
 0.25000  -13.137232 -132.405106   -2.505369
-356.592845   -40.643055   -1655.133
 0.50000  -13.137232 -110.314899   -2.505369
-356.592845   -43.014127   -1726.270
 0.75000  -13.137232  -89.562709   -2.505369
-356.592845   -45.398486   -1797.500
 1.00000  -13.137232  -70.514067   -2.505369
-356.592845   -48.263917   -1868.832

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.523416  400.516064    5.927766
396.908841   53.307065   2511.557
 0.25000    9.523416  417.799485    5.927766
371.497134   61.454059   2321.623
 0.50000    9.523416  436.172699    5.927766
343.391456   60.500199   2028.817
 0.75000    9.523416  455.253951    5.927766
342.318852   60.479772   1740.175
 1.00000    9.523416  475.533583    5.927766
342.318852   61.295297   1457.124

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.566997 -137.918701   -5.434803
-478.946115   -53.604370   -1624.017
 0.25000  -12.566997 -117.922401   -5.434803
-478.946115   -52.781413   -1676.431
 0.50000  -12.566997  -99.524505   -5.434803
-478.946115   -52.585438   -1729.166
 0.75000  -12.566997  -82.241078   -5.434803
-478.946115   -53.093583   -1782.034
 1.00000  -12.566997  -66.376565   -5.434803
-478.946115   -54.005576   -1835.205

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.752739   55.709948    0.200480
62.873940   21.055863  408.202334
 0.25000    2.752739   55.721957    0.200480
62.830284   23.431658  344.934164
 0.50000    2.752739   55.734676    0.200480
62.792865   25.850934  284.107329
 0.75000    2.752739   55.747850    0.200480
62.757232   28.291153  226.874517
 1.00000    2.752739   55.762633    0.200480
62.723774   30.741508  176.981664
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   443

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.149646  -13.586041   -5.508059
-279.993908   -30.251817   -449.630095
 0.25000   -3.149646  -13.571413   -5.508059
-280.012126   -25.469619   -437.088354
 0.50000   -3.149646  -13.558629   -5.508059
-280.035526   -21.196850   -424.687220
 0.75000   -3.149646  -13.546558   -5.508059
-280.070944   -17.451433   -412.648299
 1.00000   -3.149646  -13.535448   -5.508059
-280.112057   -14.246094   -400.834733

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.478357  122.860150    0.867689
85.028656   28.893480   849.644429
 0.25000    4.478357  122.872153    0.867689
84.985092   32.117523   712.607523
 0.50000    4.478357  122.884866    0.867689
84.947743   35.442822   583.255659
 0.75000    4.478357  122.898034    0.867689
84.912181   38.891174   463.123314
 1.00000    4.478357  122.912804    0.867689
84.878792   42.482205   357.253737

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.491447  -17.991290   -8.445235
-478.030624   -62.986746   -861.986022
 0.25000  -10.491447  -17.976674   -8.445235
-478.048412   -58.347296   -850.759042
 0.50000  -10.491447  -17.963897   -8.445235
-478.071460   -54.473873   -839.778143
 0.75000  -10.491447  -17.951833   -8.445235
-478.106797   -51.212342   -829.140518
 1.00000  -10.491447  -17.940729   -8.445235
-478.147824   -48.593196   -818.883518

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.425079  218.524666    0.961272
76.743652   32.502219   1493.542
 0.25000    5.425079  218.535469    0.961272
76.704431   35.043155   1258.331
 0.50000    5.425079  218.546912    0.961272
76.670806   37.775457   1040.572
 0.75000    5.425079  218.558764    0.961272
76.638789   40.783264   846.325478
 1.00000    5.425079  218.572059    0.961272
76.608730   44.112327   681.289942

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.545440  -20.473268   -7.635624
-564.741329   -46.501857   -1283.075
 0.25000   -8.545440  -20.460113   -7.635624
-564.757403   -41.936338   -1290.589
 0.50000   -8.545440  -20.448812   -7.635624
-564.778188   -38.047861   -1298.335
 0.75000   -8.545440  -20.437753   -7.635624
-564.810014   -34.728237   -1306.387
 1.00000   -8.545440  -20.427759   -7.635624
-564.846951   -32.165664   -1314.841

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.447850  348.409891    4.252698
326.138210   61.508628   2302.491
 0.25000   11.447850  360.606931    4.252698
297.328827   62.098288   2023.074
 0.50000   11.447850  373.548755    4.252698
273.271612   63.380701   1748.980
 0.75000   11.447850  386.970755    4.252698
247.923471   65.185081   1487.789
 1.00000   11.447850  401.640860    4.252698
241.709621   67.673552   1241.771
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   444

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.981703 -105.316003   -6.702892
-521.755883   -50.282361   -1551.839
 0.25000  -10.981703  -90.823892   -6.702892
-521.755883   -47.541279   -1588.555
 0.50000  -10.981703  -77.840152   -6.702892
-525.451007   -45.375313   -1625.558
 0.75000  -10.981703  -65.611405   -6.702892
-546.217306   -44.016833   -1662.820
 1.00000  -10.981703  -54.368236   -6.702892
-567.528786   -43.186303   -1700.423

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.881036  315.306727   11.067153
685.521346   44.290496   1703.863
 0.25000    9.881036  336.756420   11.067153
694.026686   36.989014   1547.575
 0.50000    9.881036  359.428223   11.067153
702.532026   30.674016   1390.375
 0.75000    9.881036  382.900252   11.067153
711.037366   25.819803   1232.030
 1.00000    9.881036  406.674003   11.067153
719.542706   22.455900   1073.971

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -20.558885 -119.814674   -0.441292
-104.563312   -59.375299   -975.886658
 0.25000  -20.558885 -103.815287   -0.441292
-104.563312   -65.658398   -1063.078
 0.50000  -20.558885   -88.421273   -0.441292
-104.563312   -72.596708   -1200.527
 0.75000  -20.558885   -74.048411   -0.441292
-104.563312   -80.308158   -1378.118
 1.00000  -20.558885   -61.030682   -0.441292
-104.563312   -88.858698   -1592.737

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.933668  508.404286   14.479055
844.108110   93.832543   2971.206
 0.25000   19.933668  534.335921   14.479055
847.404546   84.952513   2476.061
 0.50000   19.933668  561.791332   14.479055
850.700983   77.456629   2186.042
 0.75000   19.933668  590.270694   14.479055
853.997420   71.593745   1929.441
 1.00000   19.933668  619.161254   14.479055
857.293857   67.319853   1700.524

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -26.390623 -160.778106   -1.023927
-203.792794   -69.311731   -1694.515
 0.25000  -26.390623 -140.880988   -1.023927
-203.792794   -76.858374   -1820.635
 0.50000  -26.390623 -121.765860   -1.023927
-203.792794   -85.214919   -2018.037
 0.75000  -26.390623 -103.954776   -1.023927
-203.792794   -94.527246   -2221.452
 1.00000  -26.390623   -87.850804   -1.023927
-203.792794  -104.876980   -2629.037

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   17.541535  579.297811   13.115668
748.473684   82.324834   3288.232
 0.25000   17.541535  603.105427   13.115668
750.841147   74.845674   2897.629
 0.50000   17.541535  628.313385   13.115668
753.208610   68.845281   2521.898
 0.75000   17.541535  654.462276   13.115668
755.576072   64.492561   2193.071
 1.00000   17.541535  681.016534   13.115668
757.943535   61.692017   1910.752
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   445

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -25.784110 -150.105938   -2.191236
-375.979496   -66.122876   -2176.610
 0.25000  -25.784110 -131.788385   -2.191236
-375.979496   -72.299106   -2304.562
 0.50000  -25.784110 -114.194807   -2.191236
-375.979496   -79.764847   -2496.983
 0.75000  -25.784110  -97.803313   -2.191236
-375.979496   -88.282313   -2775.669
 1.00000  -25.784110   -82.984364   -2.191236
-375.979496   -97.781436   -3148.252

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   17.080056  540.789001   11.255647
655.711591   80.576275   3190.555
 0.25000   17.080056  560.633731   11.255647
657.684979   76.320156   2804.341
```

```
 0.50000    17.080056   581.645711    11.255647
659.658366   73.489062  2431.173
 0.75000    17.080056   603.442001    11.255647
661.631754   72.267254  2098.309
 1.00000    17.080056   625.576183    11.255647
663.605142   72.589781  1812.677

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -26.618902 -131.978463   -5.619220
-537.695028  -83.210784  -2225.629
 0.25000  -26.618902 -116.709951   -5.619220
-537.695028  -86.406713  -2329.440
 0.50000  -26.618902 -102.044902   -5.619220
-537.695028  -90.949295  -2487.021
 0.75000  -26.618902  -88.381846   -5.619220
-537.695028  -96.708060  -2717.092
 1.00000  -26.618902  -76.029578   -5.619220
-537.695028 -103.594055  -3032.503

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.953034   188.146424    2.073989
 76.943681   45.740845   1093.782
 0.25000    9.953034   188.153991    2.073989
 76.923402   45.154000   925.014328
 0.50000    9.953034   188.162121    2.073989
 76.904042   44.645094   773.410499
 0.75000    9.953034   188.170633    2.073989
 76.886003   44.250062   663.197541
 1.00000    9.953034   188.179381    2.073989
 76.869632   43.980963   590.882707

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.987790  -15.444997   -0.651262
-144.666870   -6.894149  -793.640832
 0.25000   -4.987790  -15.438315   -0.651262
-144.680579   -7.413350  -826.949283
 0.50000   -4.987790  -15.431957   -0.651262
-144.695986   -8.010852  -874.571748
 0.75000   -4.987790  -15.426041   -0.651262
-144.712531   -8.714969  -959.220059
 1.00000   -4.987790  -15.420744   -0.651262
-144.729884   -9.542152  -1076.954

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.231629   299.512804    2.195900
 73.736130   39.364134   1845.892
 0.25000    9.231629   299.520371    2.195900
 73.715851   39.944229   1565.033
 0.50000    9.231629   299.528501    2.195900
 73.696491   40.874804   1303.469
 0.75000    9.231629   299.537013    2.195900
 73.678452   42.224135   1096.624
 1.00000    9.231629   299.545761    2.195900
 73.662081   43.937350   948.867726
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                446

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.656155  -20.657643   -3.227806
-395.261317  -24.079050  -1444.017
 0.25000   -9.656155  -20.650961   -3.227806
-395.275026  -23.636786  -1485.768
 0.50000   -9.656155  -20.644603   -3.227806
-395.290433  -23.758172  -1540.259
 0.75000   -9.656155  -20.638667   -3.227806
-395.306978  -24.379882  -1642.238
 1.00000   -9.656155  -20.633389   -3.227806
-395.324331  -25.208461  -1809.494

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.656238   508.024589    9.186108
545.484434   74.250371   2963.069
 0.25000   15.656238   528.526266    9.186108
509.965021   70.090296   2602.613
 0.50000   15.656238   550.346151    9.186108
473.487789   66.914734   2251.722
 0.75000   15.656238   573.085942    9.186108
457.284986   64.851099   1939.523
 1.00000   15.656238   596.320728    9.186108
448.473376   64.078744   1672.303

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.591430 -127.982821   -3.197682
-416.025792  -52.834584  -2067.453
 0.25000  -20.591430 -111.104720   -3.197682
-416.031999  -55.661739  -2220.332
 0.50000  -20.591430  -94.956881   -3.197682
-416.004502  -60.507261  -2360.438
 0.75000  -20.591430  -79.901727   -3.197682
-417.212371  -65.566124  -2566.342
 1.00000  -20.591430  -66.390529   -3.197682
-443.619324  -71.430736  -2929.288

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.614381   474.323713    7.831263
499.164593   78.334089   2902.079
 0.25000   15.614381   491.397736    7.831263
469.583634   77.628205   2548.088
 0.50000   15.614381   509.569577    7.831263
439.204993   77.938983   2202.474
 0.75000   15.614381   528.507526    7.831263
425.711120   79.463883   1889.583
 1.00000   15.614381   547.857712    7.831263
418.372714   82.340483   1617.433

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.729250 -116.449399   -7.303995
-583.886828  -65.786632  -2123.897
 0.25000  -19.729250 -102.393130   -7.303995
-583.891997  -65.681405  -2244.281
 0.50000  -19.729250  -88.945032   -7.303995
-583.869098  -66.764414  -2353.992
 0.75000  -19.729250  -76.406933   -7.303995
-584.875024  -69.063836  -2518.491
 1.00000  -19.729250  -65.154659   -7.303995
-606.867026  -72.386024  -2816.579

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.824723   72.224675    0.329573
 80.242171   33.889726   645.360082
 0.25000    4.824723   72.232239    0.329573
 80.221943   38.400910   569.660228
 0.50000    4.824723   72.240365    0.329573
 80.202631   43.374173   494.656468
 0.75000    4.824723   72.248872    0.329573
 80.184635   48.926910   420.940645
 1.00000    4.824723   72.257615    0.329573
 80.168311   55.052940   349.723238
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                447

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.888358  -17.838582   -7.821141
-365.988068  -29.844254  -601.587097
 0.25000   -3.888358  -17.831907   -7.821141
-366.001718  -24.822032  -587.705027
 0.50000   -3.888358  -17.825555   -7.821141
-366.017068  -20.479658  -573.848409
 0.75000   -3.888358  -17.819644   -7.821141
-366.033552  -16.950389  -560.391945
 1.00000   -3.888358  -17.814351   -7.821141
-366.050842  -14.241133  -548.324256

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.401777   158.349814    0.926796
 105.727621   45.210519   1255.355
 0.25000    7.401777   158.357379    0.926796
 105.707371   51.266330   1091.756
 0.50000    7.401777   158.365507    0.926796
 105.688038   57.989076   930.120244
 0.75000    7.401777   158.374016    0.926796
 105.670024   65.502027   776.337130
 1.00000    7.401777   158.382761    0.926796
 105.653683   73.890409   641.585298

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.303480  -23.951584   -11.430311
-619.233012  -66.897940  -1162.313
 0.25000  -11.303480  -23.944906   -11.430311
-619.246689  -60.569268  -1154.177
 0.50000  -11.303480  -23.938551   -11.430311
-619.262063  -55.128871  -1143.710
 0.75000  -11.303480  -23.932638   -11.430311
-619.279573  -50.719488  -1137.993
 1.00000  -11.303480  -23.927343   -11.430311
-619.295890  -47.327654  -1148.480

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.105412   282.154804    1.182096
 98.778506   50.448618   1983.004
 0.25000    9.105412   282.236508    1.182096
 98.559808   55.800138   1705.356
 0.50000    9.105412   282.324291    1.182096
 98.351012   61.793500   1437.325
 0.75000    9.105412   282.416127    1.182096
 98.156463   68.558495   1201.281
 1.00000    9.105412   282.510631    1.182096
 97.979977   76.194311   1008.642

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.865938  -27.321755   -10.477274
-695.717357  -50.814146  -1689.228
 0.25000  -10.865938  -27.249629   -10.477274
-695.865074  -45.195426  -1701.124
 0.50000  -10.865938  -27.180989   -10.477274
-696.031115  -40.374756  -1718.195
 0.75000  -10.865938  -27.117141   -10.477274
-696.209424  -36.476045  -1766.304
 1.00000  -10.865938  -27.059954   -10.477274
-696.396443  -33.514222  -1865.898

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.269517   419.942172    5.538051
 398.309829   82.288813   2666.278
 0.25000   16.269517   432.167949    5.538051
 369.931820   84.171023   2330.886
 0.50000   16.269517   445.217659    5.538051
 342.608624   86.946503   2005.262
 0.75000   16.269517   458.853315    5.538051
 317.164798   90.985852   1713.992
 1.00000   16.269517   472.828409    5.538051
 294.518363   96.151779   1463.758
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                448

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.503718  -94.726016   -9.144601
-638.115522  -59.177539  -2094.955
 0.25000  -16.503718  -84.293054   -9.144601
-639.368905  -56.608157  -2152.898
 0.50000  -16.503718  -74.338052   -9.144601
-658.958422  -54.941808  -2234.215
 0.75000  -16.503718  -65.071387   -9.144601
-680.231127  -54.322947  -2364.705
 1.00000  -16.503718  -56.752888   -9.144601
-702.564241  -54.822104  -2567.024

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.790546   499.200274   10.817142
691.035039   85.276637   3214.661
 0.25000   14.790546   523.845041   10.817142
691.035039   77.498543   2899.156
 0.50000   14.790546   550.137384   10.817142
691.035039   70.844896   2575.682
 0.75000   14.790546   577.498695   10.817142
691.035039   65.385545   2251.183
 1.00000   14.790546   605.116395   10.817142
691.035039   67.673552   1924.578

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.047400  -206.692673   -8.445235
-564.741329  -62.986746  -1706.135
 0.25000  -17.047400  -177.210806   -8.445235
-564.757403  -57.627356  -1777.395
 0.50000  -17.047400  -148.652170   -8.445235
-564.778188  -64.314465  -1848.924
 0.75000  -17.047400  -121.950091   -8.445235
-564.810014  -66.795252  -1928.890
 1.00000  -17.047400  -97.587758   -8.445235
-567.528786  -69.531163  -2018.765

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.933668   579.297811   14.479055
844.108110   93.832543   3288.232
 0.25000   19.933668   603.105427   14.479055
847.404546   84.952513   2897.629
 0.50000   19.933668   628.313385   14.479055
850.700983   86.946503   2521.898
 0.75000   19.933668   654.462276   14.479055
853.997420   90.985852   2193.071
 1.00000   19.933668   681.016534   14.479055
857.293857   96.151779   1910.752

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -26.618902 -160.778106   -11.430311
-695.717357  -83.210784  -2225.629
 0.25000  -26.618902 -140.880988   -11.430311
-695.865074  -86.406713  -2329.440
 0.50000  -26.618902 -121.765860   -11.430311
-696.031115  -90.949295  -2496.983
 0.75000  -26.618902 -103.954776   -11.430311
-696.209424  -96.708060  -2775.669
 1.00000  -26.618902  -87.850804   -11.430311
-702.564241 -104.876980  -3148.252

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.933668   579.297811   14.479055
844.108110   93.832543   3288.232
 0.25000   19.933668   603.105427   14.479055
847.404546   84.952513   2899.156
 0.50000   19.933668   628.313385   14.479055
850.700983   86.946503   2575.682
 0.75000   19.933668   654.462276   14.479055
853.997420   90.985852   2251.183
 1.00000   19.933668   681.016534   14.479055
857.293857   96.151779   1924.578
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                449

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -26.618902 -206.692673   -11.430311
-695.717357  -83.210784  -2225.629
 0.25000  -26.618902 -177.210806   -11.430311
-695.865074  -86.406713  -2329.440
 0.50000  -26.618902 -148.652170   -11.430311
-696.031115  -90.949295  -2496.983
 0.75000  -26.618902 -121.950091   -11.430311
-696.209424  -96.708060  -2775.669
 1.00000  -26.618902  -97.587758   -11.430311
-702.564241 -104.876980  -3148.252

 COMB     DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.933668   579.297811   14.479055
844.108110   93.832543   3288.232
 0.25000   19.933668   603.105427   14.479055
847.404546   84.952513   2899.156
 0.50000   19.933668   628.313385   14.479055
850.700983   86.946503   2575.682
 0.75000   19.933668   654.462276   14.479055
853.997420   90.985852   2251.183
 1.00000   19.933668   681.016534   14.479055
857.293857   96.151779   1924.578

 COMB     DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -26.618902 -206.692673   -11.430311
-695.717357  -83.210784  -2225.629
 0.25000  -26.618902 -177.210806   -11.430311
-695.865074  -86.406713  -2329.440
 0.50000  -26.618902 -148.652170   -11.430311
-696.031115  -90.949295  -2496.983
 0.75000  -26.618902 -121.950091   -11.430311
-696.209424  -96.708060  -2775.669
 1.00000  -26.618902  -97.587758   -11.430311
-702.564241 -104.876980  -3148.252

 ELEM      10 ================== LENGTH
=    4.987631

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.518633   346.839213    6.132359
568.704873   19.874240   1190.351
 0.25000    5.518633   368.731685    6.132359
568.704873   14.826836   1005.179
 0.50000    5.518633   392.021885    6.132359
568.704873   11.245254   795.329116
 0.75000    5.518633   416.187689    6.132359
568.704873   10.199743   560.725517
 1.00000    5.518633   439.726882    6.132359
568.704873   12.485303   371.206959

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.799348  -98.854464   -6.272505
-176.739455  -49.229357  -982.697276
 0.25000  -10.799348  -77.752053   -6.272505
-176.739455  -42.609321  -1074.360
 0.50000  -10.799348  -56.764430   -6.272505
-176.739455  -36.117198  -1166.319
 0.75000  -10.799348  -37.293039   -6.272505
-176.739455  -38.128126  -1259.116
 1.00000  -10.799348  -24.685783   -6.272505
-176.739455  -41.336046  -1351.948

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.130297   530.902115   20.039331
655.528071   60.827881   1836.833
 0.25000   15.130297   558.362125   20.039331
655.528071   38.263072   1504.903
 0.50000   15.130297   587.493889   20.039331
655.528071   16.972037   1164.980
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                450

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000   15.130297   617.671686   20.039331
655.528071    9.548708   841.585164
 1.00000   15.130297   647.913780   20.039331
655.528071    9.045075   591.753178

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.544624  -133.841699   -6.090923
-307.838763  -59.205658  -1654.563
 0.25000  -13.544624  -106.349354   -6.090923
-307.838763  -54.174898  -1781.030
 0.50000  -13.544624  -79.763871   -6.090923
-307.838763  -50.376467  -1907.718
 0.75000  -13.544624  -55.035482   -6.090923
-307.838763  -57.168102  -2035.461
 1.00000  -13.544624  -37.693072   -6.090923
-307.838763  -74.461952  -2163.394

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.577606   573.265466   17.054563
620.024926   49.702540   1923.766
 0.25000   11.577606   598.478447   17.054563
620.024926   32.509266   1540.536
 0.50000   11.577606   625.222255   17.054563
620.024926   18.005326   1210.961
 0.75000   11.577606   652.922679   17.054563
620.024926   11.489883   932.357995
 1.00000   11.577606   680.745462   17.054563
620.024926   10.315073   713.504631

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.210711  -132.260288   -6.003280
-449.513318  -55.157666   -2018.205
 0.25000  -13.210711  -106.926818   -6.003280
-449.513318  -51.364566   -2133.767
 0.50000  -13.210711   -82.495641   -6.003280
-449.513318   -48.469054   -2249.727
 0.75000  -13.210711   -59.766385   -6.003280
-449.513318   -54.964733   -2366.769
 1.00000  -13.210711   -43.728073   -6.003280
-449.513318   -67.805264   -2484.010

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.473466   522.673753   15.120642
579.546372   53.815810   1726.412
 0.25000   11.473466   543.684571   15.120642
579.546372   40.494623   1403.886
 0.50000   11.473466   565.971078   15.120642
579.546372   30.419592   1130.365
 0.75000   11.473466   589.054764   15.120642
579.546372   27.601595   899.610640
 1.00000   11.473466   612.240417   15.120642
579.546372   30.795930   718.585583

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.068542  -127.126144  -11.881702
-554.655324   -70.046658   -1992.229
 0.25000  -16.068542  -106.011419  -11.881702
-554.655324   -58.669769   -2072.764
 0.50000  -16.068542   -85.655605  -11.881702
-554.655324   -48.329194   -2154.165
 0.75000  -16.068542   -66.714558  -11.881702
-554.655324   -47.116817   -2237.083
 1.00000  -16.068542   -53.349298  -11.881702
-554.655324   -58.615954   -2320.551

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.264914   167.112162   13.030205
 50.572682   36.877782   561.005424
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                451

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   10.264914   167.124258   13.030205
 50.527456   20.909974   397.656449
 0.50000   10.264914   167.136984   13.030205
 50.490558    5.080237   275.130170
 0.75000   10.264914   167.150083   13.030205
 50.459761    2.551826   239.878403
 1.00000   10.264914   167.164755   13.030205
 50.453456    3.790970   226.171210

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.560307   -8.101149   -1.110280
-178.124223   -5.615872   -21.385047
 0.25000   -2.560307   -8.086810   -1.110280
-178.134650   -6.865845  -746.392622
 0.50000   -2.560307   -8.074573   -1.110280
-178.166097  -10.351182  -771.719386
 0.75000   -2.560307   -8.063082   -1.110280
-178.203226  -15.144724  -797.052434
 1.00000   -2.560307   -8.052737   -1.110280
-178.246036  -28.999822  -822.569271

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.789847   251.957439   11.191855
100.079368   32.280927   791.121633
 0.25000    7.789847   251.969636   11.191855
100.034128   21.171431   568.776291
 0.50000    7.789847   251.982363   11.191855
 99.997146   13.063559   446.080934
 0.75000    7.789847   251.995463   11.191855
 99.969339   12.917558   417.336791
 1.00000    7.789847   252.010137   11.191855
 99.959995   16.512933   408.645919

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.911171   -24.625055   -6.506075
-386.261826  -22.908369   -1233.161
 0.25000   -6.911171   -24.610712   -6.506075
-386.272337  -19.351596   -1250.413
 0.50000   -6.911171   -24.598475   -6.506075
-386.303850  -17.166857   -1268.033
 0.75000   -6.911171   -24.586982   -6.506075
-386.340990  -17.072428   -1286.210
 1.00000   -6.911171   -24.576636   -6.506075
-386.383815  -27.849402   -1304.546

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.882086   486.815465   16.772374
448.783928   52.676568   1610.022
 0.25000    9.882086   507.893692   16.772374
414.217959   34.539499   1292.638
 0.50000    9.882086   530.165499   16.772374
403.045325   18.990326   1034.861
 0.75000    9.882086   553.165086   16.772374
403.045325   14.067099   830.162586
 1.00000    9.882086   577.525009   16.772374
403.045325   18.878547   661.186509

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.166151  -124.056322   -7.622342
-451.650588   -48.490851   -1868.566
 0.25000  -12.166151  -101.060758   -7.622342
-451.650588   -43.365747   -1947.033
 0.50000  -12.166151   -80.208158   -7.622342
-451.650588   -40.137303   -2026.077
 0.75000  -12.166151   -60.721113   -7.622342
-451.650588   -43.208308   -2105.643
 1.00000  -12.166151   -44.997316   -7.622342
-451.650588   -55.727428   -2185.831
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                452

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.109367   443.381838   14.975233
446.499345   60.648132   1457.333
 0.25000   10.109367   460.937072   14.975233
417.725099   46.494899   1193.733
 0.50000   10.109367   479.486476   14.975233
408.530375   34.556184   979.740027
 0.75000   10.109367   498.642114   14.975233
408.530375   31.492714   809.779860
 1.00000   10.109367   518.929362   14.975233
408.530375   36.137854   669.658603

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.694398  -121.448410   -9.600227
```

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-561.168130  -54.563827  -1835.246
 0.25000  -11.694398 -102.298107   -9.600227
-561.168130  -46.190162  -1881.712
 0.50000  -11.694398  -84.931400   -9.600227
-561.168130  -39.390853  -1932.220
 0.75000  -11.694398  -68.701921   -9.600227
-561.168130  -37.845382  -1977.761
 1.00000  -11.694398  -55.608679   -9.600227
-561.168130  -48.147848  -2027.535

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   3.112126   53.035256    1.671899
118.234300   31.314895  177.074126
 0.25000   3.112126   53.047358    1.671899
118.188986   31.170972  176.017360
 0.50000   3.112126   53.060090    1.671899
118.151590   31.154653  176.462327
 0.75000   3.112126   53.073195    1.671899
118.120731   31.221384  176.918852
 1.00000   3.112126   53.087878    1.671899
118.114192   31.495805  177.428957

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -3.488601  -28.797024   -3.792162
-285.009138  -14.712653  -401.265861
 0.25000  -3.488601  -28.782671   -3.792162
-285.020065  -10.586288  -370.649941
 0.50000  -3.488601  -28.770426   -3.792162
-285.051908   -7.577137  -340.984619
 0.75000  -3.488601  -28.758927   -3.792162
-285.089105   -5.126717  -312.130020
 1.00000  -3.488601  -28.748576   -3.792162
-285.132001   -4.105237  -284.269505

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.043880  119.969622    3.025863
179.560995   42.625992  357.962279
 0.25000   5.043880  119.981718    3.025863
179.515769   42.290699  329.228954
 0.50000   5.043880  119.994445    3.025863
179.478870   44.908587  329.710464
 0.75000   5.043880  120.007544    3.025863
179.448073   49.178011  331.067559
 1.00000   5.043880  120.022216    3.025863
179.441768   57.088234  333.274481

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.737140  -46.871523  -13.970078
-487.660204  -49.621539  -819.515604
 0.25000  -10.737140  -46.857183  -13.970078
-487.670631  -33.411999  -776.513849
 0.50000  -10.737140  -46.844946  -13.970078
-487.702078  -18.556055  -734.924484
 0.75000  -10.737140  -46.833455  -13.970078
-487.739207   -6.771339  -694.782165
 1.00000  -10.737140  -46.823110  -13.970078
-487.782017   -5.829668  -656.058148
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                453

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.985832  224.449527    6.032484
184.651805   43.517513  682.352616
 0.25000   5.985832  224.460415    6.032484
184.611088   41.227951  539.447888
 0.50000   5.985832  224.471869    6.032484
184.577804   41.259984  474.671211
 0.75000   5.985832  224.483659    6.032484
184.550078   42.307966  480.136513
 1.00000   5.985832  224.496866    6.032484
184.544368   45.807238  486.938140

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -8.443252  -47.754367   -9.501155
-593.153403  -33.153933  -1315.430
 0.25000  -8.443252  -47.741459   -9.501155
-593.722862  -25.419375  -1289.120
 0.50000  -8.443252  -47.730445   -9.501155
-593.751224  -18.668172  -1264.047
 0.75000  -8.443252  -47.720101   -9.501155
-593.784650  -13.804445  -1240.402
 1.00000  -8.443252  -47.710790   -9.501155
-593.823192  -15.355986  -1217.995

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  11.856523  378.440443   15.869851
379.080745   67.469620  1242.393
 0.25000  11.856523  390.779460   15.869851
354.449278   52.312423  1013.242
 0.50000  11.856523  403.788712   15.869851
328.155460   39.684856  841.325667
 0.75000  11.856523  417.200540   15.869851
315.009853   37.753036  721.734329
 1.00000  11.856523  431.821820   15.869851
315.009853   41.270652  624.273336

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.586127 -104.281142   -8.828226
-584.853498  -43.806485  -1700.694
 0.25000  -10.586127  -90.223787   -8.828226
-584.853498  -37.193994  -1720.568
 0.50000  -10.586127  -77.876191   -8.828226
-584.853498  -32.609342  -1741.667
 0.75000  -10.586127  -66.307106   -8.828226
-607.476372  -31.775187  -1763.939
 1.00000  -10.586127  -56.343058   -8.828226
-632.294342  -40.818969  -1787.244

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.362946  417.314922    7.884600
735.930307   21.120637  1072.704
 0.25000   10.362946  441.020834    7.884600
744.435508   14.995986  944.632147
 0.50000   10.362946  465.932518    7.884600
752.940710   10.970969  817.526398
 0.75000   10.362946  491.591944    7.884600
761.445911   12.080049  693.447602
 1.00000   10.362946  517.532280    7.884600
769.951112   15.476131  576.934327

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.072398  -82.473863  -10.112495
-232.144341  -89.297000  -1593.975
 0.25000  -20.072398  -68.477948  -10.112495
-232.144341  -70.940323  -1899.429
 0.50000  -20.072398  -55.132403  -10.112495
-232.144341  -72.421107  -2242.194
 0.75000  -20.072398  -42.883725  -10.112495
-232.144341  -71.951449  -2624.279
 1.00000  -20.072398  -32.070742  -10.112495
-232.144341  -72.911851  -3049.575
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                454

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.313762  648.446607   27.415836
872.458530   66.070118   1690.219
 0.25000   20.313762  676.770252   27.415836
875.754913   38.853256   1462.937
 0.50000   20.313762  706.707453   27.415836
879.052430   17.162216   1250.166
 0.75000   20.313762  737.601779   27.415836
882.347678   14.611448   1075.140
 1.00000   20.313762  768.910755   27.415836
885.644138   16.954450  932.220699

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.731646 -113.202851  -10.453967
-374.852121 -105.015647   -2630.373
 0.25000  -25.731646  -95.564945  -10.453967
-374.852121  -99.100351   -3090.464
 0.50000  -25.731646  -78.774142  -10.453967
-374.852121  -98.760447   -3611.896
 0.75000  -25.731646  -63.368443  -10.453967
-374.852121 -115.351879   -4195.295
 1.00000  -25.731646  -49.757918  -10.453967
-374.852121 -139.696561   -4845.969

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.836926  709.181321   24.109045
821.393162   60.057424   1910.179
 0.25000   17.836926  735.162338   24.109045
823.760585   36.755092   1626.638
 0.50000   17.836926  762.634359   24.109045
826.128609   21.146695   1389.980
 0.75000   17.836926  790.975849   24.109045
828.495433   21.083063   1217.349
 1.00000   17.836926  819.710977   24.109045
830.862913   24.328009   1081.384

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -24.756688 -115.134295  -10.983204
-551.440864  -98.542124   -3149.165
 0.25000  -24.756688  -98.814050  -10.983204
-551.440864  -91.587926   -3634.480
 0.50000  -24.756688  -83.398311  -10.983204
-551.440864  -91.425685   -4194.523
 0.75000  -24.756688  -69.199758  -10.983204
-551.440864 -106.398482   -4828.107
 1.00000  -24.756688  -56.656082  -10.983204
-551.440864 -126.450666   -5535.736

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.662571  646.706027   21.386475
767.347601   71.440585   1814.025
 0.25000   17.662571  668.362387   21.386475
762.347656   53.257554   1545.531
 0.50000   17.662571  691.261565   21.386475
764.321511   43.424587   1329.157
 0.75000   17.662571  714.885486   21.386475
766.294367   48.690135   1175.199
 1.00000   17.662571  738.837522   21.386475
768.267769   59.836584   1058.630

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.767984 -116.025208  -18.004474
-690.906883 -105.127768   -3033.294
 0.25000  -25.767984 -102.471554  -18.004474
-690.906883  -90.383420   -3440.094
 0.50000  -25.767984  -89.571822  -18.004474
-690.906883  -83.209508   -3925.082
 0.75000  -25.767984  -77.736882  -18.004474
-690.906883  -90.744316   -4481.926
 1.00000  -25.767984  -67.280958  -18.004474
-690.906883 -108.049513   -5108.179
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                455

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   9.769234  216.127179   19.469746
64.828076   44.184204  591.135355
 0.25000   9.769234  216.135213   19.469746
64.810837   22.874094  471.626264
 0.50000   9.769234  216.143715   19.469746
64.788669    5.857859  381.890404
 0.75000   9.769234  216.152595   19.469746
64.770942    4.301662  344.533321
 1.00000   9.769234  216.161679   19.469746
64.754989    6.332937  336.237386

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -4.752155  -12.797661  -1.683223
-183.033883  -16.337325  -1776.848
 0.25000  -4.752155  -12.791372  -1.683223
-183.028829  -11.214112  -1216.985
 0.50000  -4.752155  -12.785431  -1.683223
-183.045408  -18.087934  -1383.032
 0.75000  -4.752155  -12.779993  -1.683223
-183.063123  -35.512161  -1573.513
 1.00000  -4.752155  -12.775159  -1.683223
-183.081607  -58.837731  -1786.129

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   9.188043  326.007034   16.306022
124.406049   43.528210  949.940733
 0.25000   9.188043  326.015068   16.306022
124.385809   27.841783  766.672500
 0.50000   9.188043  326.023569   16.306022
124.366642   19.760927  641.956162
 0.75000   9.188043  326.032449   16.306022
124.348814   24.095955  592.800341
 1.00000   9.188043  326.041533   16.306022
124.332961   32.444926  580.233702

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -9.008656  -30.946703   -8.804881
-450.895481  -26.165194   -1809.074
 0.25000  -9.008656  -30.940414   -8.804881
-450.910426  -20.505128   -1999.707
 0.50000  -9.008656  -30.934473   -8.804881
-450.927000  -22.085799   -2225.219
 0.75000  -9.008656  -30.929035   -8.804881
-450.944720  -33.415420   -2511.527
 1.00000  -9.008656  -30.924201   -8.804881
-450.963204  -51.987499   -2822.769

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.732962  600.672050   24.439209
596.834618   62.918313   1672.530
 0.25000   15.732962  622.645471   24.439209
559.819045   39.758313   1429.713
 0.50000   15.732962  645.994925   24.439209
532.961529   25.251876   1230.467
 0.75000   15.732962  670.180419   24.439209
523.439463   26.008377   1090.716
 1.00000   15.732962  694.804441   24.439209
516.471568   35.605819  979.894486

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.678856 -111.907881  -11.222811
-541.402718  -72.260377   -2929.236
 0.25000  -19.678856  -96.434361  -11.222811
-541.387070  -66.118905   -3302.409
 0.50000  -19.678856  -81.756936  -11.222811
-541.678013  -68.659964   -3739.438
 0.75000  -19.678856  -68.307167  -11.222811
-544.154083  -85.119890   -4244.881
 1.00000  -19.678856  -56.416273  -11.222811
-569.145203 -109.986990   -4821.824
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                456

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.069425  549.255579   21.616966
588.574174   81.896615   1618.567
 0.25000   16.069425  567.555286   21.616966
557.747196   63.235535   1386.139
 0.50000   16.069425  587.000969   21.616966
535.379961   52.708683   1199.866
 0.75000   16.069425  607.142915   21.616966
527.449879   55.605405   1071.696
 1.00000   16.069425  627.650073   21.616966
521.646939   66.784310   974.142733

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.127687 -115.694113  -13.925641
-697.222893  -73.919764   -2816.754
 0.25000  -19.127687 -102.807595  -13.925641
-697.209862  -64.410332   -3116.106
 0.50000  -19.127687  -90.584073  -13.925641
-697.452163  -63.001622   -3485.370
 0.75000  -19.127687  -79.382957  -13.925641
-699.514261  -73.840687   -3923.213
 1.00000  -19.127687  -69.480090  -13.925641
-720.327141  -94.053051   -4427.939

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.526796   69.085276    2.887353
150.584348   55.947267  351.282337
 0.25000   5.526796   69.093307    2.887353
150.564159   53.812385  304.140835
 0.50000   5.526796   69.101806    2.887353
150.545038   53.164156  271.823652
 0.75000   5.526796   69.110682    2.887353
150.527352   53.308748  251.978431
 1.00000   5.526796   69.119762    2.887353
150.511438   54.219323  241.690838

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -4.469960  -35.978268   -4.345537
-380.860355  -15.422108 -548.795575
 0.25000  -4.469960  -35.971986   -4.345537
-380.875244  -11.043859 -524.976727
 0.50000  -4.469960  -35.966051   -4.345537
-380.891765   -8.317308 -518.556968
 0.75000  -4.469960  -35.960621   -4.345537
-380.909418   -6.701978 -533.556044
 1.00000  -4.469960  -35.955790   -4.345537
-380.927839   -6.355429 -559.691220

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.340689  153.486073    4.405687
225.047967   74.779370  643.387142
 0.25000   8.340689  153.494106    4.405687
225.027756   73.443165  549.309451
 0.50000   8.340689  153.502606    4.405687
225.008615   77.012845  491.980721
 0.75000   8.340689  153.511484    4.405687
224.990912   85.220387  459.599667
 1.00000   8.340689  153.520665    4.405687
224.974981   99.092843  446.034150

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.707999  -57.053454   -17.378991
-643.489221  -49.564237   -1148.801
 0.25000  -11.707999  -57.046068   -17.378991
-643.504134  -31.339215   -1147.529
 0.50000  -11.707999  -57.040131   -17.378991
-643.520680  -18.042779   -1180.544
 0.75000  -11.707999  -57.034698   -17.378991
-643.538359   -7.739532  -1219.953
 1.00000  -11.707999  -57.029865   -17.378991
-643.556808   -9.495306   -1335.214
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                457

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   9.771669  290.981783    9.958559
226.258709   76.554111   1011.186
 0.25000   9.771669  291.068535    9.958559
226.040430   69.110986  840.410915
 0.50000   9.771669  291.160334    9.958559
225.833708   69.201722  723.991664
 0.75000   9.771669  291.256215    9.958559
225.642510   74.285551  674.428987
 1.00000   9.771669  291.354298    9.958559
225.470460   83.529972  655.333785

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.848103  -59.137157  -12.878628
-745.417070  -35.622283   -1865.929
 0.25000  -10.848103  -59.069277  -12.878628
-745.578135  -24.036769   -1965.997
 0.50000  -10.848103  -59.005151  -12.878628
-745.756825  -20.052433   -2118.601
 0.75000  -10.848103  -58.946473  -12.878628
-745.947766  -21.542578   -2322.202
 1.00000  -10.848103  -58.894682  -12.878628
-746.147014  -27.885323   -2560.868

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.811820  472.681021   22.917902
490.259275   96.269340   1465.536
 0.25000   16.811820  485.656114   22.917902
461.758556   75.595335   1249.115
 0.50000   16.811820  499.483035   22.917902
434.666777   63.368597   1081.281
 0.75000   16.811820  513.834572   22.917902
409.657556   65.788198  975.136296
 1.00000   16.811820  528.482965   22.917902
399.495359   75.114283  900.647623

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.305246 -105.334567  -12.488761
-727.595157  -56.422861   -2567.213
 0.25000  -16.305246  -95.630010  -12.488761
-728.842162  -48.220380   -2798.465
 0.50000  -16.305246  -86.437255  -12.488761
-750.075375  -49.029956   -3109.290
 0.75000  -16.305246  -78.024481  -12.488761
-773.227752  -62.111976   -3468.912
 1.00000  -16.305246  -70.540481  -12.488761
-797.447011  -82.801436   -3878.696

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.130297  573.265466   20.039331
655.528071   67.469620   1923.766
 0.25000   15.130297  598.478447   20.039331
655.528071   52.312423   1540.536
 0.50000   15.130297  625.222255   20.039331
655.528071   44.908587   1210.961
 0.75000   15.130297  652.922679   20.039331
655.528071   49.178011  932.357995
 1.00000   15.130297  680.745462   20.039331
655.528071   57.088234  718.585583

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.068542 -133.841699  -13.970078
-593.713403  -70.046658   -2018.205
 0.25000  -16.068542 -106.926818  -13.970078
-593.722862  -58.669769   -2133.767
 0.50000  -16.068542  -85.555605  -13.970078
-593.751224  -50.376467   -2249.727
 0.75000  -16.068542  -68.701921  -13.970078
-607.476372  -57.168102   -2366.769
 1.00000  -16.068542  -56.343058  -13.970078
-632.294342  -74.461952   -2484.010
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                458

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.313762  709.181321   27.415836
872.458530   96.269340   1910.179
 0.25000   20.313762  735.162338   27.415836
875.754913   75.595335   1626.638
 0.50000   20.313762  762.634359   27.415836
879.052430   77.012845   1389.980
 0.75000   20.313762  790.975849   27.415836
882.347678   85.220387   1217.349
 1.00000   20.313762  819.710977   27.415836
885.644138   99.092843   1081.384

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.767984 -116.025208  -18.004474
-745.417070 -105.127768   -3149.165
 0.25000  -25.767984 -102.807595  -18.004474
-745.578135  -99.100351   -3634.480
 0.50000  -25.767984  -90.584073  -18.004474
-750.075375  -98.760447   -4194.523
 0.75000  -25.767984  -79.382957  -18.004474
-773.227752 -115.351879   -4828.107
 1.00000  -25.767984  -70.540481  -18.004474
-797.447011 -139.696561   -5535.736

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.313762  709.181321   27.415836
872.458530   96.269340   1923.766
 0.25000   20.313762  735.162338   27.415836
875.754913   75.595335   1626.638
 0.50000   20.313762  762.634359   27.415836
879.052430   77.012845   1389.980
 0.75000   20.313762  790.975849   27.415836
882.347678   85.220387   1217.349
 1.00000   20.313762  819.710977   27.415836
885.644138   99.092843   1081.384

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.767984 -133.841699  -18.004474
-745.417070 -105.127768   -3149.165
 0.25000  -25.767984 -106.926818  -18.004474
-745.578135  -99.100351   -3634.480
 0.50000  -25.767984  -90.584073  -18.004474
-750.075375  -98.760447   -4194.523
 0.75000  -25.767984  -79.382957  -18.004474
-773.227752 -115.351879   -4828.107
 1.00000  -25.767984  -70.540481  -18.004474
-797.447011 -139.696561   -5535.736

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.313762  709.181321   27.415836
872.458530   96.269340   1923.766
 0.25000   20.313762  735.162338   27.415836
875.754913   75.595335   1626.638
 0.50000   20.313762  762.634359   27.415836
879.052430   77.012845   1389.980
 0.75000   20.313762  790.975849   27.415836
882.347678   85.220387   1217.349
 1.00000   20.313762  819.710977   27.415836
885.644138   99.092843   1081.384

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.767984 -133.841699  -18.004474
-745.417070 -105.127768   -3149.165
 0.25000  -25.767984 -106.926818  -18.004474
-745.578135  -99.100351   -3634.480
 0.50000  -25.767984  -90.584073  -18.004474
-750.075375  -98.760447   -4194.523
 0.75000  -25.767984  -79.382957  -18.004474
-773.227752 -115.351879   -4828.107
 1.00000  -25.767984  -70.540481  -18.004474
-797.447011 -139.696561   -5535.736
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD                >
                                459

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.929599  439.331350    7.885508
497.763532   11.984294  370.857635
 0.25000   5.929599  455.571960    7.885508
497.763532   24.332891  286.579969
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 0.50000      5.929599   472.295969      7.885508
497.763532    41.290825   297.051722
 0.75000      5.929599   489.391269      7.885508
497.763532    59.182023   307.533356
 1.00000      5.929599   506.412368      7.885508
497.763532    77.076441   318.039608

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -10.347796  -24.467588  -24.183714
-310.084878  -42.663475  -1350.988
 0.25000   -10.347786  -16.938779  -24.183714
-310.084878  -39.613398  -1450.803
 0.50000   -10.347786  -12.216918  -24.183714
-310.084878  -36.572978  -1608.028
 0.75000   -10.347796  -12.216918  -24.183714
-310.084878  -33.532735  -1822.239
 1.00000   -10.347786  -12.216918  -24.183714
-310.084878  -33.638502  -2047.477

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    15.509414   643.771716    48.047873
579.890982    9.988512   591.383584
 0.25000    15.509414   664.340853    48.047873
579.890982   18.330027   496.251409
 0.50000    15.509414   685.471998    48.047873
579.890982   26.782148   512.040006
 0.75000    15.509414   707.012605    48.047873
579.890982   45.467855   528.596077
 1.00000    15.509414   728.425991    48.047873
579.890982   67.366559   545.184830

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -12.776670  -48.333664  -26.196847
-491.214020  -75.452732  -2162.262
 0.25000   -12.776670  -38.134955  -26.196847
-491.214020  -107.710030  -2288.765
 0.50000   -12.776670  -27.912785  -26.196847
-491.214020  -140.465423  -2526.250
 0.75000   -12.776670  -24.175274  -26.196847
-491.214020  -173.770826  -2851.986
 1.00000   -12.776670  -24.175274  -26.196847
-491.214020  -207.953525  -3192.012

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.084429   664.313547    39.797912
619.559498   11.791890   713.179919
 0.25000    12.084429   683.215665    39.797912
619.559498   20.048824   629.408937
 0.50000    12.084429   702.630540    39.797912
619.559498   29.367698   646.036419
 0.75000    12.084429   722.417208    39.797912
619.559498   46.367217   663.871405
 1.00000    12.084429   742.093737    39.797912
619.559498   67.846327   681.737829

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -12.178969  -76.443843  -25.400114
-585.508734  -69.579679  -2483.204
 0.25000   -12.178969  -67.022765  -25.400114
-585.508734  -95.347077  -2586.656
 0.50000   -12.178969  -57.583743  -25.400114
-585.508734 -121.945979  -2841.642
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     460

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   -12.178969  -53.605943  -25.400114
-585.508734 -149.092761  -3200.080
 1.00000   -12.178969  -53.605943  -25.400114
-585.508734 -177.147266  -3572.291

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.126340   589.922545    38.055553
629.012647   31.040025   718.361653
 0.25000    12.126340   605.674310    38.055553
629.012647   52.126853   648.514276
 0.50000    12.126340   621.853372    38.055553
629.012647   76.112104   662.355132
 0.75000    12.126340   638.342263    38.055553
629.012647  108.366731   677.199598
 1.00000    12.126340   654.739370    38.055553
629.012647  144.838098   692.073567

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -15.100726  -97.196188  -42.885414
-645.610158  -59.606110  -2320.213
 0.25000   -15.100726  -89.345290  -42.885414
-645.610158  -82.454118  -2385.602
 0.50000   -15.100726  -81.479438  -42.885414
-645.610158 -105.995680  -2603.761
 0.75000   -15.100726  -78.164604  -42.885414
-645.610158 -138.931484  -2931.050
 1.00000   -15.100726  -78.164604  -42.885414
-645.610158 -157.727682  -3270.239

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.173535   171.908365    44.115490
76.567047    3.756952   226.134340
 0.25000    10.173535   171.917826    44.115490
76.540767    6.904987   231.885529
 0.50000    10.173535   171.927449    44.115490
76.516582   10.132243   237.900491
 0.75000    10.173535   171.937151    44.115490
76.508087   13.377317   243.427695
 1.00000    10.173535   171.946735    44.115490
76.508087   16.626518   249.205067

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.229853   -18.677769    -3.733934
-210.651147  -28.559894  -822.559941
 0.25000    -2.229853   -18.668647    -3.733934
-210.676876  -66.562155  -835.494276
 0.50000    -2.229853   -18.659995    -3.733934
-210.705813 -104.965809  -910.922407
 0.75000    -2.229853   -18.654363    -3.733934
-210.735050 -143.385477   -1018.886
 1.00000    -2.229853   -18.649040    -3.733934
-210.764897 -181.825787   -1130.217

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     7.971505   243.224705    38.813381
203.653589   16.630411   408.635577
 0.25000     7.971505   243.234168    38.813381
203.627227   33.914317   416.347322
 0.50000     7.971505   243.243792    38.813381
203.603034   52.587598   424.072358
 0.75000     7.971505   243.253494    38.813381
203.594495   71.422031   431.816261
 1.00000     7.971505   243.263079    38.813381
203.594495   90.411468   439.566926

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.260015   -61.900557   -21.814516
-381.087470  -28.000557   -1304.864
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     461

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    -6.260015   -61.891433   -21.814516
-381.113281  -60.431756   -1297.834
 0.50000    -6.260015   -61.882775   -21.814516
-381.142228  -93.334043   -1404.295
 0.75000    -6.260015   -61.877141   -21.814516
-381.171474 -126.249925   -1568.635
 1.00000    -6.260015   -61.871818   -21.814516
-381.201341 -159.907035   -1736.612

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.340827   539.515360    52.844831
455.832943   19.159672   661.078619
 0.25000    10.340827   555.643758    52.844831
455.832943   38.763451   610.000593
 0.50000    10.340827   572.131210    52.844831
455.832943   59.327567   613.885920
 0.75000    10.340827   588.846583    52.844831
455.832943   80.050530   628.703742
 1.00000    10.340827   605.411781    52.844831
455.832943  100.913049   643.557892

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.188729   -98.439414   -29.079606
-517.731924  -56.948152   -2185.524
 0.25000   -11.188729   -87.670188   -29.079606
-517.731924   -85.190445   -2243.910
 0.50000   -11.188729   -78.706834   -29.079606
-517.731924  -126.705163   -2451.950
 0.75000   -11.188729   -70.013972   -29.079606
-517.731924  -171.953598   -2753.909
 1.00000   -11.188729   -64.385210   -29.079606
-530.175468  -217.874382   -3065.340

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.744250   480.562156    49.961855
494.403576   37.178571   669.626683
 0.25000    10.744250   493.994519    49.961855
494.403576   52.608658   626.378711
 0.50000    10.744250   507.725999    49.961855
494.403576   70.398421   628.959662
 0.75000    10.744250   521.647360    49.961855
494.403576   89.832545   640.637385
 1.00000    10.744250   535.443770    49.961855
494.403576  110.797456   652.343215

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.132485  -112.890527   -30.686581
-599.052302  -48.658527   -2027.642
 0.25000   -11.132485  -103.931120   -30.686581
-599.052302  -73.394931   -2054.687
 0.50000   -11.132485   -96.467046   -30.686581
-599.052302 -109.135959   -2226.179
 0.75000   -11.132485   -89.228200   -30.686581
-599.052302 -149.563880   -2501.956
 1.00000   -11.132485   -84.553717   -30.686581
-609.260410 -192.727548   -2786.017

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     3.511417   44.544284    10.482636
175.484143   32.309935   177.525601
 0.25000     3.511417   44.553751    10.482636
175.457374   29.327155   175.982653
 0.50000     3.511417   44.563380    10.482636
175.433140   26.571993   174.457478
 0.75000     3.511417   44.573087    10.482636
175.424382   23.916282   172.948742
 1.00000     3.511417   44.582676    10.482636
175.424382   21.364830   171.501346
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     462

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -3.856859   -45.705103    -3.342835
-263.583233   -4.269346  -284.847881
 0.25000    -3.856859   -45.695994    -3.342835
-263.609459   -6.104992  -252.192282
 0.50000    -3.856859   -45.687302    -3.342835
-263.638451   -8.405886  -243.861292
 0.75000    -3.856859   -45.681662    -3.342835
-263.667740  -10.720996  -278.107591
 1.00000    -3.856859   -45.676334    -3.342835
-263.697708   -20.215206  -313.001040

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     5.672302   100.415879    16.352655
301.397876   57.803331   333.408784
 0.25000     5.672302   100.425340    16.352655
301.371596   80.399157   332.847091
 0.50000     5.672302   100.434963    16.352655
301.347411  104.778776   332.330551
 0.75000     5.672302   100.444665    16.352655
301.338916  129.763565   331.776349
 1.00000     5.672302   100.454249    16.352655
301.338916  155.304338   331.309394

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.019660   -86.368975   -35.100709
-437.749093   -4.987870  -656.973099
 0.25000   -11.019660   -86.359853   -35.100709
-437.774821   -8.987636  -603.152780
 0.50000   -11.019660   -86.351201   -35.100709
-437.803759  -13.653581  -613.232146
 0.75000   -11.019660   -86.345568   -35.100709
-437.832996  -23.066841  -690.358473
 1.00000   -11.019660   -86.340246   -35.100709
-437.862843   -36.530887  -768.919053

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     6.601171   201.718868    26.291516
343.133438   46.259957   487.042775
 0.25000     6.601171   201.727384    26.291516
343.109712   57.879550   490.603993
 0.50000     6.601171   201.736045    26.291516
343.087939   70.638849   494.184328
 0.75000     6.601171   201.744778    26.291516
343.080254   83.921210   497.777364
 1.00000     6.601171   201.753404    26.291516
343.080254   97.707881   501.433498

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.344542   -98.465643   -20.958076
-543.011337  -15.190476   -1218.920
 0.25000    -8.344542   -98.457832   -20.958076
-543.034567   -29.384815   -1170.770
 0.50000    -8.344542   -98.449639   -20.958076
-543.060620   -44.221074   -1234.184
 0.75000    -8.344542   -98.444569   -20.958076
-543.086941   -62.978323   -1383.247
 1.00000    -8.344542   -98.439778   -20.958076
-543.113821   -85.252416   -1535.111

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.303624   394.469352    56.579352
452.660498   42.226804   624.337221
 0.25000    12.303624   404.018080    56.579352
431.495054   54.379647   600.964166
 0.50000    12.303624   413.753951    56.579352
424.502755   67.801468   600.249059
 0.75000    12.303624   423.596013    56.579352
424.502755   81.670908   609.202450
 1.00000    12.303624   433.333628    56.579352
424.502755   95.961824   618.220645
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     463

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -10.202017  -117.278821   -21.989086
-594.351917  -40.957940   -1787.692
 0.25000   -10.202017  -108.241709   -21.989086
-594.351917   -78.060426   -1786.549
 0.50000   -10.202017  -102.364272   -21.989086
-610.257301  -120.571647   -1920.645
 0.75000   -10.202017   -96.939802   -21.989086
-630.275849  -166.350444   -2156.881
 1.00000   -10.202017   -91.815579   -21.989086
-649.051612  -215.115814   -2399.568

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.750849   573.048711    10.686480
686.780189   15.845135   576.423319
 0.25000    10.750849   592.059037    10.686480
692.733094   32.827563   501.872507
 0.50000    10.750849   611.547969    10.686480
698.686600   63.457623   433.761412
 0.75000    10.750849   631.299857    10.686480
704.393348   96.825131   402.900711
 1.00000    10.750849   651.001792    10.686480
709.364782  130.230804   412.444771

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -19.605435   -34.487224   -44.154950
-406.897775   -7.331072   -3050.857
 0.25000   -19.605435   -27.151241   -44.154950
-406.897775   -61.594381   -3438.264
 0.50000   -19.605435   -20.205636   -44.154950
-406.897775   -61.286859   -3849.646
 0.75000   -19.605435   -16.791757   -44.154950
-406.651317   -63.766681   -4286.688
 1.00000   -19.605435   -16.778312   -44.154950
-405.669545   -67.224195   -4750.188

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    20.553574   839.927812    67.257802
813.153011   17.505705   931.704737
 0.25000    20.553574   862.708350    67.257802
815.460219   30.504032   813.784042
 0.50000    20.553574   886.075245    67.257802
817.767382   57.533925   732.440469
 0.75000    20.553574   909.773093    67.257802
820.074818   87.739147   692.300817
 1.00000    20.553574   933.558739    67.257802
822.260306  129.112065   708.385798

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -25.056488   -62.695706   -45.046041
-601.824175  -141.864380   -4847.186
 0.25000   -25.056488   -52.894990   -45.046041
-601.824175  -176.293304   -5403.022
 0.50000   -25.056488   -43.638726   -45.046041
-601.824175  -222.973247   -5994.242
 0.75000   -25.056488   -35.161816   -45.046041
-601.824175  -276.606106   -6622.551
 1.00000   -25.056488   -34.393391   -45.046041
-601.702452  -329.875694   -7283.992

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    17.974021   865.351902    61.437538
845.387891   25.402216   1080.996
 0.25000    17.974021   886.245056    61.437538
847.044902   39.035018   980.607282
 0.50000    17.974021   907.678134    61.437538
848.701304   65.093356   910.041914
 0.75000    17.974021   929.424942    61.437538
850.359053  100.666256   876.862721
 1.00000    17.974021   951.249979    61.437538
851.949113  137.357200   894.638745
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     464

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -23.701972   -90.389077   -45.298891
-723.626183  -129.463958   -5536.388
 0.25000   -23.701972   -81.304095   -45.298891
-723.626183  -159.422216   -6101.285
 0.50000   -23.701972   -72.723853   -45.298891
-723.626183  -201.304860   -6700.573
 0.75000   -23.701972   -64.868572   -45.298891
-723.626183  -249.351782   -7333.988
 1.00000   -23.701972   -63.748779   -45.298891
-723.559244  -297.982543   -7998.135

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    18.131917   765.217538    57.956940
843.067466   59.950445   1058.404
 0.25000    18.131917   782.632932    57.956940
844.448660   86.898697   975.031821
 0.50000    18.131917   800.498377    57.956940
845.829347  126.445818   917.659838
 0.75000    18.131917   818.625331    57.956940
847.211156  175.606939   892.902874
 1.00000    18.131917   836.817492    57.956940
848.536544  226.258359   912.715744

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -24.974131  -116.244777   -61.642927
-805.823050 -109.985021   -5108.316
 0.25000   -24.974131  -108.672057   -61.642927
-805.823050  -136.553669   -5582.843
 0.50000   -24.974131  -101.520034   -61.642927
-805.823050  -174.112007   -6087.686
 0.75000   -24.974131   -94.972300   -61.642927
-805.823050  -218.165988   -6622.956
 1.00000   -24.974131   -94.038902   -61.642927
-805.767254  -263.761181   -7186.088

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     9.534815   228.435198    62.757295
94.229261    6.221056   336.264333
 0.25000     9.534815   228.441576    62.757295
94.214846   11.011910   309.713162
 0.50000     9.534815   228.448105    62.757295
94.201268   15.848472   308.713148
 0.75000     9.534815   228.454803    62.757295
94.188652   20.707181   314.476103
 1.00000     9.534815   228.461555    62.757295
94.177119   25.571735   321.888218

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -4.477067   -21.654750    -5.674057
-212.956055  -58.225293   -1785.832
 0.25000    -4.477067   -21.650456    -5.674057
-212.969159  -112.867049   -1933.789
 0.50000    -4.477067   -21.646424    -5.674057
-212.982916  -167.524958   -2091.883
 0.75000    -4.477067   -21.642702    -5.674057
-212.997151  -222.193551   -2257.464
 1.00000    -4.477067   -21.639371    -5.674057
-213.011678  -276.874997   -2425.571

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     9.037251   317.782276    55.854984
250.579082   32.375734   580.606028
 0.25000     9.037251   317.788654    55.854984
250.579667   51.843325   556.807815
 0.50000     9.037251   317.795184    55.854984
250.566088   73.971287   558.974661
 0.75000     9.037251   317.801881    55.854984
250.553472   96.744204   569.427420
 1.00000     9.037251   317.808602    55.854984
250.541940  119.678245   582.794055
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     465

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.335648   -69.523424   -26.725459
-436.692626  -52.392792   -2821.930
 0.25000    -8.335648   -69.519130   -26.725459
-436.705730  -97.016420   -3007.714
 0.50000    -8.335648   -69.515599   -26.725459
-436.719487 -144.212919   -3205.285
 0.75000    -8.335648   -69.511376   -26.725459
-436.733722 -192.052821   -3412.451
 1.00000    -8.335648   -69.508045   -26.725459
-436.748249 -240.380851   -3623.394

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    15.647024   692.729978    72.214158
619.831494   36.068661   979.773927
 0.25000    15.647024   710.186902    72.214158
607.790268   58.972509   914.955229
 0.50000    15.647024   728.294336    72.214158
602.352191   84.972714   868.407180
 0.75000    15.647024   746.694984    72.214158
598.355663  115.207185   832.434480
 1.00000    15.647024   765.206379    72.214158
595.762207  146.891646   847.231245

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -18.735975  -111.580594   -39.663748
-619.167179  -171.839536   -4821.727
 0.25000   -18.735975  -101.874917   -39.663748
-620.624446  -158.338335   -5258.414
 0.50000   -18.735975   -92.736559   -39.663748
-623.584451  -214.066190   -5721.807
 0.75000   -18.735975   -84.356495   -39.663748
-629.954899  -274.023205   -6215.542
 1.00000   -18.735975   -76.876716   -39.663748
-655.138805  -335.725399   -6722.805

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    16.504008   617.290436    68.601767
661.510752   66.931983   974.203494
 0.25000    16.504008   631.828755    68.601767
651.482686   85.881987   918.206138
 0.50000    16.504008   646.908826    68.601767
646.953795  109.131868   878.359669
 0.75000    16.504008   662.233086    68.601767
643.625442  138.334599   848.473146
 1.00000    16.504008   677.649582    68.601767
641.465584  169.830406   863.159258

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -18.645107  -131.489417   -41.718330
-743.039993   -95.092509   -4427.502
 0.25000   -18.645107  -123.406422   -41.718330
-744.291480  -134.671306   -4791.353
 0.50000   -18.645107  -115.795896   -41.718330
-746.766605  -182.927275   -5173.773
 0.75000   -18.645107  -108.816887   -41.718330
-752.061984  -237.250426   -5592.974
 1.00000   -18.645107  -102.587195   -41.718330
-773.035419  -294.289926   -6021.103

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     6.423980   60.428921    19.475007
222.447291   53.982680   241.995112
 0.25000     6.423980   60.435298    19.475007
222.432915   44.339488   236.036149
 0.50000     6.423980   60.441825    19.475007
222.419372   36.958282   232.541596
 0.75000     6.423980   60.448519    19.475007
222.406789   33.771444   231.420855
 1.00000     6.423980   60.455270    19.475007
222.395286   32.582391   233.899427
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                     466

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -5.271765   -56.510829    -5.452710
-362.733104   -6.044327  -559.212548
 0.25000    -5.271765   -56.506542    -5.452710
-362.746165   -8.034754  -556.814409
```

```
 0.50000    -5.271765   -56.502518    -5.452710
-362.759878   -12.583908  -558.446289
 0.75000    -5.271765   -56.498801    -5.452710
-362.774069   -21.437580  -563.295249
 1.00000    -5.271765   -56.495476    -5.452710
-362.788551   -33.602787  -572.296774

  COMB DL-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.536080   129.128667   25.638126
379.618788   97.635566  446.417070
 0.25000    9.536080   129.135044   25.638126
379.604395  117.947487  441.984419
 0.50000    9.536080   129.141572   25.638126
379.590837  142.124406  442.490616
 0.75000    9.536080   129.148268   25.638126
379.578240  171.139241  447.136351
 1.00000    9.536080   129.155019   25.638126
379.566724  202.255514  457.499032

  COMB DL-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.458373  -106.478716   -42.319034
-584.876703   -8.674495   -1334.290
 0.25000  -12.458373  -106.474427   -42.319034
-584.889783  -12.622408   -1346.543
 0.50000  -12.458373  -106.470399   -42.319034
-584.903515  -20.815265   -1371.711
 0.75000  -12.458373  -106.466680   -42.319034
-584.917725  -35.490217   -1403.586
 1.00000  -12.458373  -106.463352   -42.319034
-584.932226   -53.623644   -1442.132

  COMB DL-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.606234   262.500852   44.941276
417.915782   82.892091  655.723318
 0.25000   10.606234   262.569724   44.941276
417.760340   93.422953  649.903010
 0.50000   10.606234   262.640224   44.941276
417.613913  108.152888  652.060552
 0.75000   10.606234   262.712541   44.941276
417.477861  127.241187  659.819079
 1.00000   10.606234   262.785452   44.941276
417.353493  148.233090  672.414472

  COMB DL-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.098185  -114.423174   -30.032331
-689.159205   -28.124332   -2559.628
 0.25000  -11.098185  -114.376844   -30.032331
-689.300465   -50.113958   -2673.611
 0.50000  -11.098185  -114.333346   -30.032331
-689.448770   -76.753828   -2797.503
 0.75000  -11.098185  -114.293178   -30.032331
-689.602239  -109.180057   -2929.005
 1.00000  -11.098185  -114.257240   -30.032331
-689.758853  -144.652052   -3066.382

  COMB DL-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.445797   507.354055   79.553867
595.372677  900.903788
 0.25000   17.445797   517.723666   79.553867
575.349784   87.596918  857.979002
 0.50000   17.445797   528.326761   79.553867
556.476801  103.669744  831.967157
 0.75000   17.445797   539.191905   79.553867
544.953125  124.798641  812.736869
 1.00000   17.445797   550.137635   79.553867
542.612410  147.993525  822.134499
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                467

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.309233  -134.266019   -32.725837
-742.941747   -83.464837   -3877.682
 0.25000  -16.309233  -127.874114   -32.725837
-758.999100  -135.488126   -4146.754
 0.50000  -16.309233  -121.863919   -32.725837
-777.384048  -192.127135   -4446.666
 0.75000  -16.309233  -116.318703   -32.725837
-796.474060  -254.591967   -4767.412
 1.00000  -16.309233  -111.388809   -32.725837
-816.030923  -320.278364   -5122.849

  COMB     DB ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.509414   664.313547   56.579352
629.012647   57.803331  718.361653
 0.25000   15.509414   683.215665   56.579352
629.012647   80.399157  648.514276
 0.50000   15.509414   702.630540   56.579352
629.012647  104.798776  662.355132
 0.75000   15.509414   722.417208   56.579352
629.012647  129.763565  677.199598
 1.00000   15.509414   742.093737   56.579352
629.012647  155.304338  692.073567

  COMB     DB ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.100726  -117.278821   -42.885414
-645.610158   -7.452732   -2483.204
 0.25000  -15.100726  -108.241709   -42.885414
-645.610158  -107.710030   -2586.656
 0.50000  -15.100726  -102.364272   -42.885414
-645.610158  -140.465423   -2841.642
 0.75000  -15.100726   -98.444569   -42.885414
-645.610158  -173.770826   -3200.080
 1.00000  -15.100726   -98.439778   -42.885414
-649.051612  -217.874382   -3572.291

  COMB     DL ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.553574   865.351902   79.553867
845.387891   97.635566  1080.996
 0.25000   20.553574   886.245056   79.553867
847.044902  117.947487  980.607282
 0.50000   20.553574   907.678134   79.553867
848.701304  142.124406  917.606802
 0.75000   20.553574   929.424942   79.553867
850.359053  175.606939  892.902874
 1.00000   20.553574   951.249979   79.553867
851.949113  226.258359  912.715744

  COMB     DL ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.056488  -134.266019   -61.642927
-805.823050  -141.864380   -5536.388
 0.25000  -25.056488  -127.874114   -61.642927
-805.823050  -176.293304   -6101.285
 0.50000  -25.056488  -121.863919   -61.642927
-805.823050  -223.673247   -6700.573
 0.75000  -25.056488  -116.318703   -61.642927
-805.823050  -276.606106   -7333.988
 1.00000  -25.056488  -114.257240   -61.642927
-816.030923  -335.725399   -7998.135

  COMB     CAR ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.553574   865.351902   79.553867
845.387891   97.635566  1080.996
 0.25000   20.553574   886.245056   79.553867
847.044902  117.947487  980.607282
 0.50000   20.553574   907.678134   79.553867
848.701304  142.124406  917.606802
 0.75000   20.553574   929.424942   79.553867
850.359053  175.606939  892.902874
 1.00000   20.553574   951.249979   79.553867
851.949113  226.258359  912.715744
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                468

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB     CAR ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.056488  -134.266019   -61.642927
-805.823050  -141.864380   -5536.388
 0.25000  -25.056488  -127.874114   -61.642927
-805.823050  -176.293304   -6101.285
 0.50000  -25.056488  -121.863919   -61.642927
-805.823050  -223.673247   -6700.573
 0.75000  -25.056488  -116.318703   -61.642927
-805.823050  -276.606106   -7333.988
 1.00000  -25.056488  -114.257240   -61.642927
-816.030923  -335.725399   -7998.135

  COMB  DESIGN ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.553574   865.351902   79.553867
845.387891   97.635566  1080.996
 0.25000   20.553574   886.245056   79.553867
847.044902  117.947487  980.607282
 0.50000   20.553574   907.678134   79.553867
848.701304  142.124406  917.606802
 0.75000   20.553574   929.424942   79.553867
850.359053  175.606939  892.902874
 1.00000   20.553574   951.249979   79.553867
851.949113  226.258359  912.715744

  COMB  DESIGN ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.056488  -134.266019   -61.642927
-805.823050  -141.864380   -5536.388
 0.25000  -25.056488  -127.874114   -61.642927
-805.823050  -176.293304   -6101.285
 0.50000  -25.056488  -121.863919   -61.642927
-805.823050  -223.673247   -6700.573
 0.75000  -25.056488  -116.318703   -61.642927
-805.823050  -276.606106   -7333.988
 1.00000  -25.056488  -114.257240   -61.642927
-816.030923  -335.725399   -7998.135

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=    3.491148

  COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.546490   27.811981   18.674909
343.185422   77.181281  317.276468
 0.25000    8.546490   27.811981   18.674909
343.185422   62.799594  293.028904
 0.50000    8.546490   27.812309   18.674909
343.185422   48.749445  268.781346
 0.75000    8.546490   27.812309   18.674909
343.185422   34.793520  296.437018
 1.00000    8.546490   27.812309   18.674909
343.185422   21.093468  389.216122

  COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.475171  -502.728884   -8.232962
-495.585392   -34.608921   -2051.237
 0.25000  -11.475171  -484.450417   -8.232962
-495.585392   -36.381065   -1936.425
 0.50000  -11.475171  -466.101055   -8.232962
-495.585392   -40.977412   -1821.738
 0.75000  -11.475171  -448.125455   -8.232962
-495.585392   -45.667661   -1707.052
 1.00000  -11.475171  -430.633798   -8.232962
-495.585392   -50.501226   -1593.273

  COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.476738   48.172073   21.986743
524.325692   68.210504  543.814283
 0.25000   20.476738   48.172660   21.986743
524.325692   54.018223  502.118757
 0.50000   20.476738   48.172660   21.986743
524.325692   41.536495  460.423231
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                469

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   20.476738   48.172660   21.986743
524.325692   30.396444  489.728669
 1.00000   20.476738   56.196288   21.986743
524.325692   19.946046  625.303594

  COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.178232  -716.713954   -48.059400
-575.588340  -209.026059   -3190.786
 0.25000  -14.178232  -693.830340   -48.059400
-575.588340  -178.305545   -3038.420
 0.50000  -14.178232  -670.824612   -48.059400
-575.588340  -147.621042   -2886.084
 0.75000  -14.178232  -648.232893   -48.059400
-575.588340  -117.147993   -2734.158
 1.00000  -14.178232  -626.206315   -48.059400
-575.588340   -87.188851   -2583.102

  COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.242324   67.436610   21.671902
610.084420   68.251286  679.830553
 0.25000   17.242324   67.437162   21.671902
610.084420   53.753697  627.451855
 0.50000   17.242324   67.437162   21.671902
610.084420   41.003147  575.073157
 0.75000   17.242324   67.437162   21.671902
610.084420   29.585891  588.323472
 1.00000   17.242324   75.509464   21.671902
610.084420   22.897738  687.087377

  COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.979207  -719.887105   -39.598299
-609.879202  -179.167773   -3568.525
 0.25000  -12.979207  -698.566285   -39.598299
-609.879202  -154.772104   -3432.146
 0.50000  -12.979207  -677.742321   -39.598299
-609.879202  -130.514803   -3296.205
 0.75000  -12.979207  -656.994433   -39.598299
-609.879202  -106.584258   -3160.699
 1.00000  -12.979207  -636.762361   -39.598299
-609.879202   -83.371189   -3026.442

  COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.485893   86.453504   39.881807
649.662956  145.045364  689.990354
 0.25000   16.485893   86.453964   39.881807
649.662956  113.983155  636.546775
 0.50000   16.485893   86.453964   39.881807
649.662956   84.667150  583.103203
 0.75000   16.485893   86.453964   39.881807
649.662956   57.361168  584.350597
 1.00000   16.485893   93.180882   39.881807
649.662956   37.794869  656.751546

  COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.867089  -628.236173   -37.588221
-622.626854  -159.839223   -3264.966
 0.25000  -16.867089  -610.718823   -37.588221
-622.626854  -135.735707   -3168.278
 0.50000  -16.867089  -593.115519   -37.588221
-622.626854  -112.756194   -3072.431
 0.75000  -16.867089  -575.825613   -37.588221
-622.626854   -91.498040   -2977.344
 1.00000  -16.867089  -558.965553   -37.588221
-622.626854   -70.862227   -2883.677

  COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.109274   22.173950    3.824052
202.644993   16.587750  248.475671
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                470

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   12.109274   22.177030    3.824052
202.615255   13.250768  229.258353
 0.50000   12.109274   22.182858    3.824052
202.585682    9.920482  210.043601
 0.75000   12.109274   22.191730    3.824052
202.560141    6.595086  190.865947
 1.00000   12.109274   22.201291    3.824052
202.540605    3.312695  209.046485

  COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.522594  -159.902707   -43.793181
-73.559985  -181.595202   -1124.545
 0.25000   -2.522594  -159.892671   -43.793181
-73.559985  -143.438992   -1099.508
 0.50000   -2.522594  -159.882520   -43.793181
-73.576625  -105.293329   -1074.475
 0.75000   -2.522594  -159.872453   -43.793181
-73.600754   -67.281015   -1049.706
 1.00000   -2.522594  -159.862553   -43.793181
-73.626076   -31.846735   -1025.099

  COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.540959   56.569516   21.882613
362.881077   89.935982  438.117409
 0.25000   10.540959   56.572573   21.882613
362.851319   70.885246  404.025434
 0.50000   10.540959   56.578402   21.882613
362.821737   52.834724  369.936054
 0.75000   10.540959   56.587281   21.882613
362.796111   32.965038  335.883912
 1.00000   10.540959   56.596843   21.882613
362.776498   18.676684  336.603490

  COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.150382  -219.113033   -38.018733
-196.154602  -160.960363   -1728.780
 0.25000   -7.150382  -219.102997   -38.018733
-196.154602  -128.531992   -1714.631
 0.50000   -7.150382  -219.092845   -38.018733
-196.171289   -95.587549   -1701.105
 0.75000   -7.150382  -219.082777   -38.018733
-196.195426   -63.942393   -1687.790
 1.00000   -7.150382  -219.072875   -38.018733
-196.220830   -33.143713   -1675.295

  COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.401531   72.434579   28.010957
528.009175  101.088860  641.666410
 0.25000   14.401531   72.434579   28.010957
528.009175   79.937450  592.049754
 0.50000   14.401531   74.558813   28.010957
528.009175   58.790245  542.433107
 0.75000   14.401531   83.942763   28.010957
528.009175   37.803274  556.603072
 1.00000   14.401531   95.128112   28.010957
528.009175   20.851970  611.918793

  COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.018959  -580.246161   -50.141689
-444.450212  -218.953924   -3851.858
 0.25000  -12.018959  -562.717946   -50.141689
-444.450212  -175.682275   -2969.229
 0.50000  -12.018959  -545.044375   -50.141689
-444.450212  -132.900107   -2881.335
 0.75000  -12.018959  -527.604639   -50.141689
-444.450212   -91.097139   -2793.662
 1.00000  -12.018959  -510.529554   -50.141689
-445.745757   -69.245342   -2706.802
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                471

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.957382   88.836163   30.260007
587.175369  111.128560  650.295003
 0.25000   14.957382   88.836163   30.260007
587.175369   87.485595  599.721762
 0.50000   14.957382   90.592275   30.260007
587.175369   65.054842  549.149471
 0.75000   14.957382   98.406731   30.260007
587.175369   46.213679  551.695484
 1.00000   14.957382  107.712321   30.260007
587.175369   33.855689  588.661409

  COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.791159  -507.286019   -47.510288
-490.002405  -194.003275   -2776.981
 0.25000  -11.791159  -492.687414   -47.510288
-490.002405  -153.414166   -2722.299
 0.50000  -11.791159  -477.967800   -47.510288
-490.002405  -114.032652   -2668.848
 0.75000  -11.791159  -463.443025   -47.510288
-490.002405   -83.092525   -2615.974
 1.00000  -11.791159  -449.222025   -47.510288
-490.962728   -58.970986   -2564.070

  COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.877618   43.068295    3.336065
229.394056   22.256279  170.809530
 0.25000    5.877618   43.071390    3.336065
229.364199   21.136043  157.133130
 0.50000    5.877618   43.077224    3.336065
229.334574   21.203357  143.459402
 0.75000    5.877618   43.086137    3.336065
229.308521   22.544198  129.822616
 1.00000    5.877618   43.095706    3.336065
229.288520   26.184848  116.231745

  COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.900495  -34.349801   -10.568365
-186.240925   -20.794878   -308.073632
 0.25000   -3.900495  -34.339760   -10.568365
-186.240925   -12.497542   -338.346402
 0.50000   -3.900495  -34.329604   -10.568365
-186.257846    -7.433661   -369.231730
 0.75000   -3.900495  -34.319532   -10.568365
-186.282024    -4.909568   -400.878165
 1.00000   -3.900495  -34.309826   -10.568365
-186.307836    -3.010655   -433.015701

  COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.975894   79.525168   36.974584
389.199639  156.000735  330.005228
 0.25000    7.975894   79.528218   36.974584
389.169901  125.627169  303.786845
 0.50000    7.975894   79.534045   36.974584
389.140327   97.035380  277.571042
 0.75000    7.975894   79.542994   36.974584
389.114786   71.144023  251.392540
 1.00000    7.975894   79.552478   36.974584
389.095251   49.121048  226.648965

  COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.878558   -79.982671   -15.918288
-310.673389   -37.654937   -761.841496
 0.25000  -12.878558   -79.972635   -15.918288
-310.673389   -24.779400   -806.444191
 0.50000  -12.878558   -79.962484   -15.918288
-310.690029   -13.326517   -852.353876
 0.75000  -12.878558   -79.952417   -15.918288
-310.714158    -8.611252   -899.314255
 1.00000  -12.878558   -79.942516   -15.918288
-310.739480    -5.381483   -947.297027
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                472

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.993966   88.251312   22.636113
494.712630   98.066232  499.605707
 0.25000    9.993966   88.254064   22.636113
494.685848   80.002205  460.284298
 0.50000    9.993966   88.259310   22.636113
494.659224   63.474024  420.965224
 0.75000    9.993966   88.267301   22.636113
494.636160   49.264295  381.679653
 1.00000    9.993966   88.275907   22.636113
494.618508   41.800851  344.677002

  COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.817954  -171.895579   -25.738447
-346.365931   -86.963638   -1524.917
 0.25000   -8.817954  -171.886546   -25.738447
-346.365931   -65.564324   -1554.479
 0.50000   -8.817954  -171.877410   -25.738447
-346.380949   -45.505375   -1585.253
 0.75000   -8.817954  -171.868348   -25.738447
-346.412672   -31.723033   -1616.999
 1.00000   -8.817954  -171.859437   -25.738447
-346.425536   -19.608713   -1649.993

  COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.487098   91.341401   23.067605
610.648996   96.608388  616.201209
 0.25000   17.487098   91.341401   23.067605
591.002144   78.596445  568.097101
 0.50000   17.487098   96.578096   23.067605
570.186960   61.868122  519.993000
 0.75000   17.487098  102.558246   23.067605
566.199925   47.078267  512.162545
 1.00000   17.487098  112.075579   23.067605
566.200674   38.109258  530.871610

  COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.118413  -404.065151   -55.194611
-423.802077  -216.392527   -2388.433
 0.25000  -11.118413  -393.816097   -55.194611
-423.802077  -169.464487   -2364.897
 0.50000  -11.118413  -383.465669   -55.194611
-423.802077  -123.638746   -2342.438
 0.75000  -11.118413  -373.225668   -55.194611
-438.305712   -83.082689   -2320.831
 1.00000  -11.118413  -363.177063   -55.194611
-459.319148   -50.075538   -2300.365

  COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.160986   39.212372   42.306557
492.549803  131.343971  409.922623
 0.25000   11.160986   39.256182   42.306557
493.543088  100.649182  382.809844
 0.50000   11.160986   39.610269   42.306557
493.757439   70.822598  410.267702
 0.75000   11.160986   45.235730   42.306557
493.757439   42.644113  469.963598
 1.00000   11.160986   53.146306   42.306557
493.757439   23.131846  536.334384

  COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -28.599338  -648.247646   -11.166868
-644.076805   -69.514222   -4762.136
 0.25000  -28.599338  -628.088490   -11.166868
-639.116779   -68.703570   -4299.703
 0.50000  -28.599338  -607.909469   -11.166868
-633.377819   -69.098113   -3865.915
 0.75000  -28.599338  -588.035695   -11.166868
-627.424507   -71.188106   -3459.395
 1.00000  -28.599338  -568.663655   -11.166868
-621.471196   -81.994364   -3078.691
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                473

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   30.954715   71.898664   42.385664
```

```
713.999502  130.932514  705.104853
 0.25000   30.954715   72.081035   42.385664
714.121301  100.856375  658.168288
 0.50000   30.954715   75.535245   42.385664
714.121301   71.424488  685.297595
 0.75000   30.954715   85.409932   42.385664
714.121301   44.276952  758.331143
 1.00000   30.954715   95.873897   42.385664
714.121301   25.858691  861.148440

 COMB DL-G1-2 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -31.846133 -923.635922  -66.157674
-733.763990 -332.452311   -7279.330
 0.25000  -31.846133 -899.335040  -66.157674
-731.578546  -263.585815   -6623.633
 0.50000  -31.846133 -875.154493  -66.157674
-729.271205  -234.857123   -6005.359
 0.75000  -31.846133 -851.351350  -66.157674
-726.963865  -188.170285   -5427.741
 1.00000  -31.846133 -828.172918  -66.157674
-724.656614  -149.994893   -4886.827

 COMB DL-G1-3 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   27.610848  105.009517   42.773478
802.866174  139.033269  890.000405
 0.25000   27.610848  105.198118   42.773478
802.932836  108.311290  828.705511
 0.50000   27.610848  108.864758   42.773478
802.932836   78.449513  836.720060
 0.75000   27.610848  118.008451   42.773478
802.932836   51.110802  884.617020
 1.00000   27.610848  127.699609   42.773478
802.932836   33.674820  959.041546

 COMB DL-G1-3 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -29.741005 -929.160142  -59.978369
-760.919567 -301981850   -7992.028
 0.25000  -29.741005 -906.866033  -59.978369
-759.329644  -257.022242   -7337.989
 0.50000  -29.741005 -884.688750  -59.978369
-757.672539  -213.457994   -6719.414
 0.75000  -29.741005 -862.859022  -59.978369
-756.015434  -172.179993   -6139.374
 1.00000  -29.741005 -841.604321  -59.978369
-754.358394  -138.912543   -5596.487

 COMB DL-G1-4 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   26.271481  136.087671   59.592281
838.980083  226.980404  905.157648
 0.25000   26.271481  136.244879   59.592281
839.035649  181.440447  840.776593
 0.50000   26.271481  139.301190   59.592281
839.035649  136.875619  835.349191
 0.75000   26.271481  146.922874   59.592281
839.035649   95.465080  864.455483
 1.00000   26.271481  155.000895   59.592281
839.035649   65.164785  917.198792

 COMB DL-G1-4 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -33.177533 -810.441855  -56.563970
-793.229157 -266.207024   -7180.613
 0.25000  -33.177533 -791.858701  -56.563970
-791.903885  -224.811792   -6633.782
 0.50000  -33.177533 -773.372927  -56.563970
-790.522612  -184.294948   -6117.950
 0.75000  -33.177533 -755.176856  -56.563970
-789.141340  -147.022594   -5635.955
 1.00000  -33.177533 -737.460096  -56.563970
-787.760121  -117.881220   -5186.899
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                474

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   21.503162   36.279974    5.844291
221.240024  119.113665  320.800244
 0.25000   21.503162   36.283434    5.844291
221.232073   20.431721  296.388178
 0.50000   21.503162   36.287283    5.844291
221.217786   15.419687  275.404728
 0.75000   21.503162   36.291456    5.844291
221.203998   10.420113  271.194530
 1.00000   21.503162   36.295901    5.844291
221.190889    5.451135  287.696842

 COMB DL-G2-1 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   -3.824891 -217.758835  -62.473706
-73.726197 -276.393377   -2407.914
 0.25000   -3.824891 -217.751997  -62.473706
-73.737965 -221.952047   -2245.240
 0.50000   -3.824891 -217.745239  -62.473706
-73.750807 -167.520133   -2087.074
 0.75000   -3.824891 -217.738589  -62.473706
-73.764575  -113.110808   -1939.487
 1.00000   -3.824891 -217.732154  -62.473706
-73.779144   -59.420267   -1801.831

 COMB DL-G2-2 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   18.755503   91.354587   26.821903
412.213344  119.155885  578.089596
 0.25000   18.755503   91.358048   26.821903
412.198637   96.470889  532.981232
 0.50000   18.755503   91.361896   26.821903
412.184350   74.115369  493.422547
 0.75000   18.755503   91.366069   26.821903
412.170562   52.294237  471.145733
 1.00000   18.755503   91.370514   26.821903
412.157453   33.119379  471.396889

 COMB DL-G2-2 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -10.256577 -293.369495  -55.260080
-228.854027 -240.662631   -3608.048
 0.25000  -10.256577 -293.362657  -55.260080
-228.865796  -193.261695   -3409.097
 0.50000  -10.256577 -293.355898  -55.260080
-228.878638  -146.300572   -3216.896
 0.75000  -10.256577 -293.349249  -55.260080
-228.892406  -100.201873   -3036.641
 1.00000  -10.256577 -293.342814  -55.260080
-228.906975   -55.371908   -2869.188

 COMB DL-G2-3 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   25.900392  112.499009   37.986262
684.245465  147.547401  841.086669
 0.25000   25.900392  118.131031   37.986262
667.489113  116.424628  789.507262
 0.50000   25.900392  126.928683   37.986262
663.218078   85.694026  795.513747
 0.75000   25.900392  136.497283   37.986262
660.423369   59.269594  815.483545
 1.00000   25.900392  146.653321   37.986262
659.103934   36.759988  852.012381

 COMB DL-G2-3 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -21.480351 -739.781208  -70.326284
-530.836550 -337.181104   -6707.383
 0.25000  -21.480351 -720.956721  -70.326284
-533.516555  -276.751953   -6208.739
 0.50000  -21.480351 -702.270837  -70.326284
-537.643751  -216.810361   -5751.397
 0.75000  -21.480351 -683.956239  -70.326284
-543.247272  -163.775871   -5328.600
 1.00000  -21.480351 -666.108631  -70.326284
-559.736213  -117.760057   -4933.477
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                475

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   26.354259  141.382504   40.756477
756.069070  170.028835  856.375695
 0.25000   26.354259  146.072914   40.756477
742.114195  138.042364  803.081823
 0.50000   26.354259  153.399696   40.756477
738.557230  107.532182  798.704947
 0.75000   26.354259  161.368531   40.756477
736.229766   83.222667  807.260858
 1.00000   26.354259  169.826591   40.756477
735.130926   65.048220  831.151437

 COMB DL-G2-4 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -21.634946 -648.993825  -67.029702
-616.535680  -295.425832   -6005.424
 0.25000  -21.634946 -633.316585  -67.029702
-618.767617  -239.754361   -5594.077
 0.50000  -21.634946 -617.754775  -67.029702
-622.204792  -185.245372   -5218.294
 0.75000  -21.634946 -602.502176  -67.029702
-626.871466  -138.891183   -4873.095
 1.00000  -21.634946 -587.638491  -67.029702
-640.603638  -100.200604   -4552.655

 COMB DL-G3-1 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   11.032496   71.610624    6.083333
293.936774   32.283195  232.582131
 0.25000   11.032496   71.614079    6.083333
293.922112   31.704939  219.193255
 0.50000   11.032496   71.617921    6.083333
293.907869   34.040802  207.820390
 0.75000   11.032496   71.622088    6.083333
293.894125   40.310346  198.693652
 1.00000   11.032496   71.626526    6.083333
293.881058   50.429898  191.986764

 COMB DL-G3-1 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   -4.884825  -49.555377  -19.572946
-273.348217  -33.293420  -564.355422
 0.25000   -4.884825  -49.548542  -19.572946
-273.359956  -20.805961  -572.968902
 0.50000   -4.884825  -49.541786  -19.572946
-273.372765  -12.272767  -583.958938
 0.75000   -4.884825  -49.535138  -19.572946
-273.386497   -7.261126  -597.763219
 1.00000   -4.884825  -49.528705  -19.572946
-273.401028   -5.628461  -614.478936

 COMB DL-G3-2 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   13.372258  129.352902   43.626853
486.259350  201.293876  450.668724
 0.25000   13.372258  129.356359   43.626853
486.244669  168.582403  418.148556
 0.50000   13.372258  129.360204   43.626853
486.230407  138.749988  389.227912
 0.75000   13.372258  129.364351   43.626853
486.216645  113.243821  364.723039
 1.00000   13.372258  129.368815   43.626853
486.203559   93.053619  345.261259

 COMB DL-G3-2 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -17.118845 -107.177435  -25.718763
-444.088235  -53.385584   -1434.958
 0.25000  -17.118845 -107.170599  -25.718763
-444.099987  -35.986024   -1428.376
 0.50000  -17.118845 -107.163841  -25.718763
-444.112810  -21.199852   -1426.172
 0.75000  -17.118845 -107.157193  -25.718763
-444.126557  -12.484950   -1429.028
 1.00000  -17.118845 -107.150759  -25.718763
-444.141105   -8.429985   -1437.338
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                476

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   19.377411  144.806197   31.423047
590.826402  147.215572  666.241791
 0.25000   19.377411  144.843535   31.423047
590.667844  124.827211  617.762529
 0.50000   19.377411  144.885059   31.423047
590.513817  105.177653  574.357331
 0.75000   19.377411  144.930092   31.423047
590.365180   89.780631  538.400682
 1.00000   19.377411  144.979054   31.423047
590.223859   80.681056  511.886125

 COMB DL-G3-3 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -13.209838 -231.920574  -44.919166
-454.856247 -144.582067   -3050.856
 0.25000  -13.209838 -231.846745  -44.919166
-454.983163  -110.188070   -2939.324
 0.50000  -13.209838 -231.773763  -44.919166
-455.121656   -78.304474   -2833.896
 0.75000  -13.209838 -231.701964  -44.919166
-455.270129   -52.300662   -2737.523
 1.00000  -13.209838 -231.632474  -44.919166
-455.427238   -31.250855   -2652.372

 COMB DL-G3-4 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   30.795158  148.700337   33.538925
765.995349  147.743301  816.174829
 0.25000   30.795158  153.863817   33.538925
746.153731  123.177197  771.376038
 0.50000   30.795158  159.623983   33.538925
726.856287  101.379212  753.717170
 0.75000   30.795158  165.871845   33.538925
708.379267   84.307721  748.539311
 1.00000   30.795158  172.522764   33.538925
699.408684   72.522507  758.723729

 COMB DL-G3-4 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -17.726541 -520.202957  -79.098164
-544.522795 -320.574657   -5100.136
 0.25000  -17.726541 -509.098347  -79.098164
-546.946889  -255.812801   -4801.603
 0.50000  -17.726541 -498.115277  -79.098164
-561.186137  -193.612848   -4520.028
 0.75000  -17.726541 -487.296623  -79.098164
-580.358614  -137.483816   -4258.335
 1.00000  -17.726541 -476.805017  -79.098164
-600.643966   -87.856523   -4016.691

 COMB      DB ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   20.476738   91.341401   39.881807
649.662956  156.000735  689.990354
 0.25000   20.476738   91.341401   39.881807
649.662956  125.627169  636.546775
 0.50000   20.476738   96.578026   39.881807
649.662956   97.035380  583.103203
 0.75000   20.476738  102.558246   39.881807
649.662956   71.144023  588.323472
 1.00000   20.476738  112.075579   39.881807
649.662956   49.121048  687.087377

 COMB      DB ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -16.867089 -719.887105  -55.194611
-622.626854  -218.928324   -3568.525
 0.25000  -16.867089 -698.866285  -55.194611
-622.626854  -178.305545   -3432.146
 0.50000  -16.867089 -677.742321  -55.194611
-622.626854  -147.601042   -3296.205
 0.75000  -16.867089 -656.994433  -55.194611
-622.626854  -117.147993   -3160.699
 1.00000  -16.867089 -636.762361  -55.194611
-622.626854   -87.188851   -3026.442
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                477

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   30.954715  148.700337   59.592281
838.980083  226.980404  905.157648
 0.25000   30.954715  153.863817   59.592281
839.035649  181.440447  840.776593
 0.50000   30.954715  159.623983   59.592281
839.035649  138.749988  836.720060
 0.75000   30.954715  165.871845   59.592281
839.035649  113.243821  884.617020
 1.00000   30.954715  172.522764   59.592281
839.035649   93.053619  959.041546

 COMB      DL ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -33.177533 -929.160142  -79.098164
-793.229157 -337.181104   -7992.028
 0.25000  -33.177533 -906.866033  -79.098164
-791.903885  -283.585815   -7337.989
 0.50000  -33.177533 -884.688750  -79.098164
-790.522612  -234.857123   -6719.414
 0.75000  -33.177533 -862.859022  -79.098164
-789.141340  -188.170285   -6139.374
 1.00000  -33.177533 -841.604321  -79.098164
-787.760121  -149.994893   -5596.487

 COMB      CAR ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   30.954715  148.700337   59.592281
838.980083  226.980404  905.157648
 0.25000   30.954715  153.863817   59.592281
839.035649  181.440447  840.776593
 0.50000   30.954715  159.623983   59.592281
839.035649  138.749988  836.720060
 0.75000   30.954715  165.871845   59.592281
839.035649  113.243821  884.617020
 1.00000   30.954715  172.522764   59.592281
839.035649   93.053619  959.041546

 COMB      CAR ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -33.177533 -929.160142  -79.098164
-793.229157 -337.181104   -7992.028
 0.25000  -33.177533 -906.866033  -79.098164
-791.903885  -283.585815   -7337.989
 0.50000  -33.177533 -884.688750  -79.098164
-790.522612  -234.857123   -6719.414
 0.75000  -33.177533 -862.859022  -79.098164
-789.141340  -188.170285   -6139.374
 1.00000  -33.177533 -841.604321  -79.098164
-787.760121  -149.994893   -5596.487

 COMB  DESIGN ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   30.954715  148.700337   59.592281
838.980083  226.980404  905.157648
 0.25000   30.954715  153.863817   59.592281
839.035649  181.440447  840.776593
 0.50000   30.954715  159.623983   59.592281
839.035649  138.749988  836.720060
 0.75000   30.954715  165.871845   59.592281
839.035649  113.243821  884.617020
 1.00000   30.954715  172.522764   59.592281
839.035649   93.053619  959.041546

 COMB  DESIGN ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -33.177533 -929.160142  -79.098164
-793.229157 -337.181104   -7992.028
 0.25000  -33.177533 -906.866033  -79.098164
-791.903885  -283.585815   -7337.989
 0.50000  -33.177533 -884.688750  -79.098164
-790.522612  -234.857123   -6719.414
 0.75000  -33.177533 -862.859022  -79.098164
-789.141340  -188.170285   -6139.374
 1.00000  -33.177533 -841.604321  -79.098164
-787.760121  -149.994893   -5596.487
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                478

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      13 ================== LENGTH
=    4.987936

 COMB DB-G1-1 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   8.953667   26.669028    4.423100
192.920541  21.618203  389.572847
 0.25000   8.953667   40.049828    4.423100
192.920541  19.084408  628.659078
 0.50000   8.953667   60.864103    4.423100
192.920541  17.595913  868.190229
 0.75000   8.953667   83.212337    4.423100
192.920541  17.040847   1076.669
 1.00000   8.953667  105.686740    4.423100
192.920541  17.144948   1255.861

 COMB DB-G1-1 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -11.137937 -432.176696   -2.626170
-545.898915  -51.374250   -1594.219
 0.25000  -11.137937 -407.072367   -2.626170
-545.898915   -50.804172   -1484.022
 0.50000  -11.137937 -381.347550   -2.626170
-545.898915   -50.356102   -1374.156
 0.75000  -11.137937 -356.483590   -2.626170
-545.898915   -49.998628   -1264.487
 1.00000  -11.137937 -333.013039   -2.626170
-545.898915   -49.726081   -1155.128

 COMB DB-G1-2 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   20.874738   47.379207    3.420553
326.585073   20.693827  625.548497
 0.25000   20.874738   65.800722    3.420553
326.585073   20.497688  943.038544
 0.50000   20.874738   92.110716    3.420553
326.585073   26.826604  1294.587
 0.75000   20.874738  120.297037    3.420553
326.585073   41.361765   1632.712
 1.00000   20.874738  149.407909    3.420553
326.585073   57.123276   1953.793

 COMB DB-G1-2 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -13.802178 -630.099097  -14.315597
-628.949011   -88.302188   -2584.271
 0.25000  -13.802178 -598.018775  -14.315597
-628.949011   -78.297815   -2426.070
 0.50000  -13.802178 -565.984589  -14.315597
-628.949011   -72.389521   -2268.439
 0.75000  -13.802178 -534.987011  -14.315597
-628.949011   -67.440248   -2110.814
 1.00000  -13.802178 -505.656263  -14.315597
-628.949011   -63.279382   -1953.635

 COMB DB-G1-3 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   17.772777   59.934890    3.664659
461.806204  24.623125  687.541330
 0.25000   17.772777   76.972181    3.664659
461.806204   25.653488  943.269970
 0.50000   17.772777  101.146071    3.664659
461.806204   29.929171   1326.167
 0.75000   17.772777  127.039319    3.664659
461.806204   38.521002   1705.745
 1.00000   17.772777  153.854642    3.664659
461.806204   47.978063   2074.800

 COMB DB-G1-3 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -12.479828 -652.554763  -11.542244
-592.100748   -85.140065   -3027.337
 0.25000  -12.479828 -623.052309  -11.542244
-592.100748   -75.599456   -2871.389
 0.50000  -12.479828 -593.655321  -11.542244
-592.100748   -68.447288   -2716.310
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                479

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST         P          V2          V3
        T         M2          M3
 0.75000  -12.479828 -565.206308  -11.542244
-592.100748   -62.014709   -2561.391
 1.00000  -12.479828 -538.283903  -11.542244
-592.100748   -57.037896   -2406.880

 COMB DB-G1-4 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   17.118899   63.286947   10.117374
545.919325   38.981464  657.054047
 0.25000   17.118899   77.484690   10.117374
545.919325   35.760902  855.716384
 0.50000   17.118899   97.629598   10.117374
545.919325   38.027463   1192.581
 0.75000   17.118899  119.217304   10.117374
545.919325   44.436690   1542.078
 1.00000   17.118899  141.553407   10.117374
545.919325   51.975895   1888.241

 COMB DB-G1-4 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000  -16.407708 -579.758352  -10.439043
-556.208907   -72.222904   -2884.099
 0.25000  -16.407708 -555.172974  -10.439043
-556.208907   -64.324669   -2762.659
 0.50000  -16.407708 -530.675484  -10.439043
-556.208907   -59.649158   -2642.277
 0.75000  -16.407708 -506.967373  -10.439043
-556.208907   -66.789689   -2522.342
 1.00000  -16.407708 -484.532636  -10.439043
-556.208907   -71.270861   -2403.012

 COMB DB-G2-1 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   12.038740   21.498097    1.222803
177.009142   3.267867  208.969797
 0.25000   12.038740   21.508975    1.222803
176.966688   2.245025  228.130423
 0.50000   12.038740   21.520976    1.222803
176.930034   7.186638  328.217545
 0.75000   12.038740   21.533726    1.222803
176.898757   21.277445  460.733735
 1.00000   12.038740   21.548673    1.222803
176.894969   36.532006  619.365276

 COMB DB-G2-1 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   -2.496839 -153.128272  -12.728490
-51.049697   -32.316135   -1025.173
 0.25000   -2.496839 -153.112982  -12.728490
-51.066694   -23.233593   -985.227840
 0.50000   -2.496839 -153.099273  -12.728490
-51.097649   -17.465482   -945.286667
 0.75000   -2.496839 -153.085921  -12.728490
-51.137164   -12.788952   -905.499951
 1.00000   -2.496839 -153.073205  -12.728490
-51.182120    -9.030024   -865.715690

 COMB DB-G2-2 ------------------- MAX

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   10.756618   39.018635    6.527764
374.338668  19.783633  336.591131
 0.25000   10.756618   39.029515    6.527764
374.296200   15.572708  320.077005
 0.50000   10.756618   39.041517    6.527764
374.259534   17.906908  468.301817
 0.75000   10.756618   39.054268    6.527764
374.228191   25.150876  667.570009
 1.00000   10.756618   39.069218    6.527764
374.224320   33.376663  897.608913

 COMB DB-G2-2 ------------------- MIN

 REL DIST         P          V2          V3
        T         M2          M3
 0.00000   -6.957667 -225.286648  -10.633004
-97.082289   -33.864843   -1675.093
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                480

F R A M E   E L E M E N T   I N T E R N A
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L FORCES

REL DIST P V2 V3
T M2 M3
0.25000 -6.957667 -225.271369 -10.633004
-97.099327 -24.496988 -1631.198
0.50000 -6.957667 -225.257646 -10.633004
-97.130363 -21.865595 -1587.836
0.75000 -6.957667 -225.244293 -10.633004
-97.169890 -22.121184 -1544.711
1.00000 -6.957667 -225.231576 -10.633004
-97.214861 -24.094314 -1501.800

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.882907 59.266701 7.423954
453.486662 22.410761 612.017720
0.25000 14.882907 75.990326 7.423954
453.486662 21.269671 801.154437
0.50000 14.882907 96.532706 7.423954
453.486662 28.617566 1115.410
0.75000 14.882907 118.450855 7.423954
453.486662 39.662717 1440.013
1.00000 14.882907 142.599917 7.423954
453.486662 51.604293 1759.049

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.091265 -547.609914 -14.494762
-378.369065 -70.582732 -2707.219
0.25000 -12.091265 -522.011729 -14.494762
-378.369065 -59.940110 -2590.806
0.50000 -12.091265 -497.752220 -14.494762
-378.369065 -54.982237 -2474.862
0.75000 -12.091265 -474.214790 -14.494762
-403.615974 -52.680549 -2359.121
1.00000 -12.091265 -451.873501 -14.494762
-436.279903 -51.897193 -2243.993

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.529674 63.957679 9.964635
538.245811 35.132589 588.852999
0.25000 15.529674 77.883462 9.964635
538.245811 33.893959 731.661372
0.50000 15.529674 94.992051 9.964635
538.245811 39.951378 1020.312
0.75000 15.529674 113.246532 9.964635
538.245811 49.274356 1319.103
1.00000 15.529674 133.357528 9.964635
538.245811 59.592796 1615.546

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.917472 -485.470740 -13.066279
-389.375659 -60.486271 -2564.050
0.25000 -11.917472 -464.152014 -13.066279
-389.375659 -51.030245 -2479.898
0.50000 -11.917472 -443.946873 -13.066279
-389.375659 -50.331865 -2396.366
0.75000 -11.917472 -424.343200 -13.066279
-410.288846 -52.617027 -2313.364
1.00000 -11.917472 -405.735832 -13.066279
-437.478542 -56.356683 -2231.221

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.125074 23.968260 4.742891
243.724185 25.813039 116.411659
0.25000 6.125074 29.379144 4.742891
243.681645 26.558075 112.551458
0.50000 6.125074 23.991153 4.742891
243.644922 27.988413 147.273511
0.75000 6.125074 24.003909 4.742891
243.613251 29.472606 186.131549
1.00000 6.125074 24.018871 4.742891
243.608964 31.016525 228.047216
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
481

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.276808 -40.593785 -1.850799
-121.412767 -3.502945 -432.432782
0.25000 -4.276808 -40.578496 -1.850799
-121.430010 -3.929806 -454.756502
0.50000 -4.276808 -40.564768 -1.850799
-121.461453 -5.619517 -477.537249
0.75000 -4.276808 -40.551411 -1.850799
-121.501038 -9.563286 -500.760449
1.00000 -4.276808 -40.538689 -1.850799
-121.546082 -14.083756 -524.613289

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.441779 39.262776 14.937990
430.791748 48.696633 226.905648
0.25000 8.441779 39.273655 14.937990
430.749294 41.042326 202.711402
0.50000 8.441779 39.285656 14.937990
430.712640 40.626335 264.133289
0.75000 8.441779 39.298405 14.937990
430.681363 41.066864 353.487206
1.00000 8.441779 39.313353 14.937990
430.677575 41.973350 452.962445

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.232303 -96.365842 -2.992907
-181.245741 -5.691428 -946.409000
0.25000 -13.232303 -96.350565 -2.992907
-181.262737 -5.357692 -971.436603
0.50000 -13.232303 -96.336842 -2.992907
-181.293692 -14.866785 -997.012948
0.75000 -13.232303 -96.323491 -2.992907
-181.333207 -30.847719 -1023.273
1.00000 -13.232303 -96.310775 -2.992907
-181.378163 -47.896018 -1050.611

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.473498 53.177502 10.434570
541.268307 42.563323 344.895842
0.25000 10.473498 53.187294 10.434570
541.230086 40.049692 304.267790
0.50000 10.473498 53.198096 10.434570
541.197087 40.948245 443.735983
0.75000 10.473498 53.209571 10.434570
541.168878 42.540681 618.787411
1.00000 10.473498 53.223026 10.434570
541.165394 44.441512 814.768517

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.023202 -190.980072 -5.828242
-184.039596 -20.802346 -1649.154
0.25000 -9.023202 -190.966321 -5.828242
-184.054929 -17.054665 -1646.965
0.50000 -9.023202 -190.953970 -5.828242
-184.082862 -19.022190 -1645.596
0.75000 -9.023202 -190.941953 -5.828242
-184.118436 -25.201731 -1644.883
1.00000 -9.023202 -190.930507 -5.828242
-184.158910 -33.023941 -1645.029

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.833323 63.828573 9.829744
588.906058 39.043082 531.004806
0.25000 17.833323 74.431898 9.829744
563.809551 36.289269 624.652607
0.50000 17.833323 86.568809 9.829744
548.007041 43.396050 866.190603
0.75000 17.833323 99.488775 9.829744
548.007041 54.474492 1128.284
1.00000 17.833323 114.193080 9.829744
548.007041 67.106937 1396.880
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
482

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.429151 -397.467977 -14.939222
-303.209319 -51.452886 -2300.017
0.25000 -11.429151 -382.176491 -14.939222
-303.209319 -42.564908 -2245.004
0.50000 -11.429151 -368.079191 -14.939222
-325.889232 -40.249652 -2190.684
0.75000 -11.429151 -354.381657 -14.939222
-351.303682 -41.986977 -2136.956
1.00000 -11.429151 -341.357871 -14.939222
-375.373872 -45.615859 -2084.156

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.669168 51.298498 7.249990
297.024966 19.667200 536.538027
0.25000 11.669168 62.850913 7.249990
297.024966 19.604708 641.276021
0.50000 11.669168 75.882597 7.249990
297.024966 15.854285 752.833119
0.75000 11.669168 90.062407 7.249990
297.024966 16.785697 864.910159
1.00000 11.669168 104.531821 7.249990
297.024966 19.506245 974.086638

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.662259 -511.857527 -4.098952
-688.891440 -83.601326 -3077.596
0.25000 -28.662259 -485.527814 -4.098952
-680.385719 -82.373178 -2666.547
0.50000 -28.662259 -459.591866 -4.098952
-671.879997 -81.529316 -2299.880
0.75000 -28.662259 -434.398233 -4.098952
-663.374275 -84.848079 -1972.725
1.00000 -28.662259 -410.438886 -4.098952
-654.868553 -90.014096 -1681.121

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.354831 85.144391 6.622682
465.815965 27.265077 861.228205
0.25000 31.354831 99.619515 6.622682
465.815965 22.836084 983.265766
0.50000 31.354831 115.940273 6.622682
465.815965 24.685630 1134.951
0.75000 31.354831 133.706620 6.622682
465.815965 41.958503 1324.457
1.00000 31.354831 152.384736 6.622682
465.815965 64.098915 1526.328

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -31.972542 -755.674628 -22.337955
-781.440721 -151.632097 -4885.898
0.25000 -31.972542 -723.940907 -22.337955
-778.144063 -129.538340 -4262.678
0.50000 -31.972542 -692.734948 -22.337955
-774.847478 -113.318764 -3709.221
0.75000 -31.972542 -662.454213 -22.337955
-771.550893 -108.972941 -3217.531
1.00000 -31.972542 -633.714646 -22.337955
-768.254309 -109.051887 -2784.587

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.982872 103.670987 7.717117
614.615204 35.730141 959.022740
0.25000 27.982872 117.006908 7.717117
614.615204 30.624009 1065.117
0.50000 27.982872 132.041869 7.717117
614.615204 29.544854 1230.498
0.75000 27.982872 148.418407 7.717117
614.615204 41.866200 1439.101
1.00000 27.982872 165.632297 7.717117
614.615204 58.636601 1676.473
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
483

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -29.754025 -797.935496 -19.416696
-729.188285 -141.151048 -5596.029
0.25000 -29.754025 -768.814459 -19.416696
-726.820664 -121.544686 -4927.304
0.50000 -29.754025 -740.183676 -19.416696
-724.453095 -105.994079 -4336.526
0.75000 -29.754025 -712.402690 -19.416696
-722.085526 -101.787074 -3818.606
1.00000 -29.754025 -686.042240 -19.416696
-719.717957 -102.879200 -3370.143

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.933474 112.528743 15.273811
709.761056 66.614607 917.128699
0.25000 26.933474 123.644839 15.273811
709.761056 54.042824 999.249840
0.50000 26.933474 136.177164 15.273811
709.761056 48.189933 1146.778
0.75000 26.933474 149.827752 15.273811
709.761056 56.490425 1339.805
1.00000 26.933474 164.176313 15.273811
709.761056 69.651244 1563.684

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.411147 -711.567525 -17.325465
-701.696575 -119.648312 -5186.663
0.25000 -33.411147 -687.293816 -17.325465
-699.723055 -103.273592 -4605.558
0.50000 -33.411147 -663.428757 -17.325465
-697.749578 -94.760051 -4097.437
0.75000 -33.411147 -640.272041 -17.325465
-695.776102 -99.320641 -3659.094
1.00000 -33.411147 -618.299407 -17.325465
-693.802626 -109.343773 -3286.786

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.263714 32.588503 1.892746
199.148584 5.329935 287.559030
0.25000 21.263714 32.593523 1.892746
199.130142 3.610959 288.884396
0.50000 21.263714 32.599179 1.892746
199.112551 8.125044 328.130333
0.75000 21.263714 32.605349 1.892746
199.096169 24.838639 404.885860
1.00000 21.263714 32.611891 1.892746
199.081382 44.652007 506.189027

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.781273 -206.224320 -19.174999
-51.287293 -59.314304 -1892.193
0.25000 -3.781273 -206.215174 -19.174999
-51.303259 -38.839231 -1605.531
0.50000 -3.781273 -206.206221 -19.174999
-51.320955 -23.883647 -1432.825
0.75000 -3.781273 -206.197622 -19.174999
-51.340053 -17.401409 -1283.759
1.00000 -3.781273 -206.189515 -19.174999
-51.360162 -13.800533 -1158.579

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.743354 62.556158 8.870381
434.501866 33.799207 471.212941
0.25000 18.743354 62.561158 8.870381
434.483424 24.983051 461.557781
0.50000 18.743354 62.566815 8.870381
434.465833 22.449828 519.129199
0.75000 18.743354 62.573884 8.870381
434.449451 31.352394 631.025828
1.00000 18.743354 62.579526 8.870381
434.434664 43.934051 783.743886
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
484

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.209127 -304.482992 -15.783674
-109.897454 -55.886077 -2869.922
0.25000 -10.209127 -304.473846 -15.783674
-109.913420 -38.309419 -2589.900
0.50000 -10.209127 -304.464893 -15.783674
-109.931116 -27.502532 -2348.092
0.75000 -10.209127 -304.456294 -15.783674
-109.950213 -27.020196 -2145.688
1.00000 -10.209127 -304.448223 -15.783674
-109.970323 -30.464294 -1982.761

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.067835 100.562552 10.643212
595.285260 31.195199 851.819098
0.25000 26.067835 113.065844 10.643212
575.857986 31.616904 932.826263
0.50000 26.067835 127.162233 10.643212
573.453079 31.509754 1069.958
0.75000 26.067835 142.534442 10.643212
573.190079 44.480149 1244.593
1.00000 26.067835 158.772838 10.643212
573.187054 62.136383 1444.731

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.688394 -670.451447 -23.068985
-446.891257 -119.188814 -4934.014
0.25000 -21.688394 -645.603119 -23.068985
-453.949174 -96.714971 -4411.827
0.50000 -21.688394 -621.173402 -23.068985
-463.543137 -80.490645 -3951.882
0.75000 -21.688394 -597.612360 -23.068985
-497.981931 -84.714403 -3541.330
1.00000 -21.688394 -575.347702 -23.068985
-534.528035 -77.993110 -3195.421

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.844735 113.534912 13.769024
699.312468 66.289460 830.896657
0.25000 26.844735 123.947792 13.769024
683.133220 57.731495 894.377560
0.50000 26.844735 135.687420 13.769024
681.530387 55.885496 1020.167
0.75000 26.844735 148.489565 13.769024
680.911357 66.033724 1183.192
1.00000 26.844735 162.013080 13.769024
680.908838 80.604077 1372.423

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.097290 -598.884097 -20.483064
-488.403828 -101.659614 -4553.163
0.25000 -22.097290 -578.190135 -20.483064
-494.281739 -83.359772 -4107.680
0.50000 -22.097290 -557.844798 -20.483064
-502.271698 -72.633741 -3721.246
0.75000 -22.097290 -538.222902 -20.483064
-530.952706 -73.636572 -3385.007
1.00000 -22.097290 -519.680649 -20.483064
-561.388704 -79.311544 -3107.691

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.515421 48.075607 5.267853
309.900816 50.441666 191.767872
0.25000 11.515421 48.080622 5.267853
309.882439 49.948603 191.409569
0.50000 11.515421 48.086272 5.267853
309.864910 50.594189 207.609326
0.75000 11.515421 48.092436 5.267853
309.848586 52.566097 232.324762
1.00000 11.515421 48.098970 5.267853
309.833857 55.070440 262.878497
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
485

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.422437 -56.892595 -3.273930
-193.581482 -5.697142 -614.446705
0.25000 -5.422437 -56.883452 -3.273930
-193.597409 -6.293748 -608.812336
0.50000 -5.422437 -56.874503 -3.273930
-193.615062 -8.426621 -615.162038
0.75000 -5.422437 -56.865908 -3.273930
-193.634113 -12.420846 -630.770998
1.00000 -5.422437 -56.857839 -3.273930
-193.654172 -17.195668 -651.520892

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.288209 76.824140 18.110841
542.288196 92.704549 345.017513
0.25000 14.288209 76.829157 18.110841
542.269791 78.608765 334.998180
0.50000 14.288209 76.834810 18.110841
542.252236 71.894254 364.206397
0.75000 14.288209 76.840976 18.110841
542.235887 71.436033 417.409523
1.00000 14.288209 76.847513 18.110841
542.221134 73.053075 487.690016

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.868401 -129.972417 -4.544153
-280.738387 -8.495155 -1437.553
0.25000 -17.868401 -129.963274 -4.544153
-280.754331 -9.360406 -1382.135
0.50000 -17.868401 -129.954323 -4.544153
-280.772003 -16.724009 -1349.184
0.75000 -17.868401 -129.945726 -4.544153
-280.791073 -32.907574 -1338.243
1.00000 -17.868401 -129.937656 -4.544153
-280.811154 -51.869768 -1344.285

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.983229 94.656859 13.646846
652.662153 81.264514 511.571123
0.25000 19.983229 94.711045 13.646846
652.463676 72.471436 503.122186
0.50000 19.983229 94.772095 13.646846
652.273778 68.101004 561.950467
0.75000 19.983229 94.838687 13.646846
652.097211 71.057941 661.915748
1.00000 19.983229 94.909290 13.646846
651.937879 76.674175 795.479900

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.694575 -261.527793 -9.852963
-262.813297 -32.050469 -2652.985
0.25000 -13.694575 -261.429040 -9.852963
-262.985493 -25.172591 -2459.814
0.50000 -13.694575 -261.332372 -9.852963
-263.176342 -23.917201 -2304.700
0.75000 -13.694575 -261.239527 -9.852963
-263.382308 -30.978604 -2189.050
1.00000 -13.694575 -261.152583 -9.852963
-263.599183 -41.273203 -2107.206

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.283870 113.480784 13.225225
747.885418 73.384585 758.357800
0.25000 31.283870 121.273045 13.225225
723.789464 65.074104 801.099162
0.50000 31.283870 130.057248 13.225225
700.834967 65.271910 905.220481
0.75000 31.283870 139.636516 13.225225
682.645050 78.073315 1049.276
1.00000 31.283870 149.771582 13.225225
681.488262 95.618227 1221.686
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
486

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.279931 -498.616400 -22.595317
-395.552912 -88.867045 -4017.279
0.25000 -18.279931 -483.852610 -22.595317
-410.794206 -69.041135 -3651.503
0.50000 -18.279931 -469.374508 -22.595317
-435.804043 -57.287844 -3339.502
0.75000 -18.279931 -455.440252 -22.595317
-462.739391 -57.800036 -3079.252
1.00000 -18.279931 -442.319786 -22.595317
-491.019054 -63.249235 -2865.657

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.874738 63.957679 14.937990
588.906058 48.696633 687.341330
0.25000 20.874738 77.883462 14.937990
563.809551 41.042326 943.269970
0.50000 20.874738 101.146071 14.937990
548.007041 43.396050 1326.167
0.75000 20.874738 127.039319 14.937990
548.007041 54.474492 1705.745
1.00000 20.874738 153.854642 14.937990
548.007041 67.106937 2074.800

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.407708 -652.554763 -14.939222
-628.949011 -88.302188 -3027.337
0.25000 -16.407708 -623.052309 -14.939222
-628.949011 -78.397815 -2871.389
0.50000 -16.407708 -593.655321 -14.939222
-628.949011 -72.389521 -2716.310
0.75000 -16.407708 -565.206308 -14.939222
-628.949011 -67.440248 -2561.391
1.00000 -16.407708 -538.283903 -14.939222
-628.949011 -71.270861 -2406.880

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.354831 113.534912 18.110841
747.885418 92.704549 959.022740
0.25000 31.354831 123.947792 18.110841
723.789464 78.608765 1065.117
0.50000 31.354831 136.177164 18.110841
709.761056 71.894254 1230.498
0.75000 31.354831 149.827752 18.110841
709.761056 78.073315 1439.101
1.00000 31.354831 165.632297 18.110841
709.761056 95.618227 1676.473

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.411147 -797.935496 -23.068985
-781.440721 -151.632097 -5596.029
0.25000 -33.411147 -768.814459 -23.068985
-778.144063 -129.538340 -4927.304
0.50000 -33.411147 -740.183676 -23.068985
-774.847478 -113.318764 -4336.526
0.75000 -33.411147 -712.402690 -23.068985
-771.550893 -108.972941 -3818.606
1.00000 -33.411147 -686.042240 -23.068985
-768.254309 -109.343773 -3370.143

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.354831 113.534912 18.110841
747.885418 92.704549 959.022740
0.25000 31.354831 123.947792 18.110841
723.789464 78.608765 1065.117
0.50000 31.354831 136.177164 18.110841
709.761056 71.894254 1326.167
0.75000 31.354831 149.827752 18.110841
709.761056 78.073315 1705.745
1.00000 31.354831 165.632297 18.110841
709.761056 95.618227 2074.800
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.411147	-797.935496	-23.068985
-781.440721	-151.632097	-5596.029	
0.25000	-33.411147	-768.814459	-23.068985
-778.144063	-129.538340	-4927.304	
0.50000	-33.411147	-740.183676	-23.068985
-774.847478	-113.318764	-4336.526	
0.75000	-33.411147	-712.402690	-23.068985
-771.550893	-108.972941	-3818.606	
1.00000	-33.411147	-686.042240	-23.068985
-768.254309	-109.343773	-3370.143	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.354831	113.534912	18.110841
747.885418	92.704549	959.022740	
0.25000	31.354831	123.947792	18.110841
723.789464	78.608765	1065.117	
0.50000	31.354831	136.177164	18.110841
709.761056	71.894254	1326.167	
0.75000	31.354831	149.827752	18.110841
709.761056	78.073315	1705.745	
1.00000	31.354831	165.632297	18.110841
709.761056	95.618227	2074.800	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.411147	-797.935496	-23.068985
-781.440721	-151.632097	-5596.029	
0.25000	-33.411147	-768.814459	-23.068985
-778.144063	-129.538340	-4927.304	
0.50000	-33.411147	-740.183676	-23.068985
-774.847478	-113.318764	-4336.526	
0.75000	-33.411147	-712.402690	-23.068985
-771.550893	-108.972941	-3818.606	
1.00000	-33.411147	-686.042240	-23.068985
-768.254309	-109.343773	-3370.143	

ELEM 14 ========== LENGTH = 4.988128

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.346779	77.499795	0.321502
83.726298	17.794649	1257.605	
0.25000	9.346779	98.152059	0.321502
83.726298	22.268341	1446.689	
0.50000	9.346779	120.762053	0.321502
83.726298	27.684901	1604.540	
0.75000	9.346779	144.920920	0.321502
83.726298	34.015604	1730.593	
1.00000	9.346779	169.224874	0.321502
83.726298	41.375294	1827.398	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.909826	-368.161488	-7.637611
-523.913117	-50.287738	-1155.745	
0.25000	-10.909826	-343.400680	-7.637611
-523.913117	-46.671227	-1082.321	
0.50000	-10.909826	-318.161605	-7.637611
-523.913117	-43.057289	-1010.897	
0.75000	-10.909826	-293.907336	-7.637611
-523.913117	-39.443617	-935.519747	
1.00000	-10.909826	-271.170802	-7.637611
-523.913117	-35.830791	-862.368656	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.287689	110.272003	1.033203
182.803898	57.990305	1955.410	
0.25000	21.287689	136.321057	1.033203
182.803898	61.726162	2222.340	
0.50000	21.287689	164.734989	1.033203
182.803898	66.712045	2466.138	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	21.287689	195.035658	1.033203
182.803898	72.908698	2695.857	
1.00000	21.287689	226.284662	1.033203
182.803898	80.203304	2906.489	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.553311	-542.850102	-9.916733
-637.837981	-64.196017	-1954.437	
0.25000	-13.553311	-511.067837	-9.916733
-637.837981	-59.463884	-1839.874	
0.50000	-13.553311	-479.498231	-9.916733
-637.837981	-54.737298	-1725.314	
0.75000	-13.553311	-449.131250	-9.916733
-637.837981	-50.015808	-1610.798	
1.00000	-13.553311	-420.597059	-9.916733
-637.837981	-45.309465	-1496.557	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.329220	116.398581	2.009227
321.665799	49.738818	2075.610	
0.25000	18.329220	140.325079	2.009227
321.665799	52.584039	2379.631	
0.50000	18.329220	166.419827	2.009227
321.665799	56.813422	2673.810	
0.75000	18.329220	194.242257	2.009227
321.665799	62.336737	2957.554	
1.00000	18.329220	222.994148	2.009227
321.665799	69.000266	3225.078	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.357940	-567.910204	-8.917095
-554.558569	-58.153853	-2407.534	
0.25000	-12.357940	-538.671682	-8.917095
-554.558569	-54.105326	-2282.281	
0.50000	-12.357940	-509.690427	-8.917095
-554.558569	-50.067167	-2157.075	
0.75000	-12.357940	-481.810462	-8.917095
-554.558569	-46.040569	-2031.949	
1.00000	-12.357940	-455.610231	-8.917095
-554.558569	-42.023693	-1907.068	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.719555	109.648483	4.709334
421.404877	53.426591	1888.172	
0.25000	17.719555	129.587231	4.709334
421.404877	54.451247	2176.492	
0.50000	17.719555	151.332854	4.709334
421.404877	56.705070	2458.333	
0.75000	17.719555	174.518213	4.709334
421.404877	60.097072	2733.812	
1.00000	17.719555	198.478122	4.709334
421.404877	64.483074	2997.472	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.266982	-509.288168	-7.805152
-487.272739	-72.027147	-2403.340	
0.25000	-16.266982	-484.922733	-7.805152
-487.272739	-68.869595	-2294.875	
0.50000	-16.266982	-460.771688	-7.805152
-487.272739	-65.959328	-2186.524	
0.75000	-16.266982	-437.538380	-7.805152
-487.272739	-63.339709	-2078.367	
1.00000	-16.266982	-415.704857	-7.805152
-487.272739	-61.230337	-1970.415	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.006897	24.879534	0.791142
147.899280	36.666686	618.947045	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	12.006897	24.891258	0.791142
147.859074	35.874247	683.380369	
0.50000	12.006897	24.903915	0.791142
147.824556	35.093633	771.868059	
0.75000	12.006897	24.917298	0.791142
147.798526	34.354277	888.888018	
1.00000	12.006897	24.932525	0.791142
147.780323	33.634649	1028.406	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.468984	-135.001861	-1.249732
-76.459358	-9.389813	-865.811992	
0.25000	-2.468984	-134.986471	-1.249732
-76.492101	-8.735535	-826.143846	
0.50000	-2.468984	-134.972687	-1.249732
-76.526905	-8.087989	-786.476458	
0.75000	-2.468984	-134.959367	-1.249732
-76.563395	-7.449233	-746.809080	
1.00000	-2.468984	-134.946774	-1.249732
-76.606057	-6.820831	-707.143247	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.993704	42.538807	3.149681
337.170687	34.842995	896.383344	
0.25000	10.993704	42.550531	3.149681
337.130466	32.921183	1020.779	
0.50000	10.993704	42.563190	3.149681
337.095936	31.388474	1177.867	
0.75000	10.993704	42.576573	3.149681
337.069846	30.165846	1367.771	
1.00000	10.993704	42.591802	3.149681
337.051573	29.141066	1580.682	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.015898	-204.299060	-1.558537
-66.377212	-24.607581	-1501.744	
0.25000	-7.015898	-204.253668	-1.558537
-66.409967	-23.802782	-1445.094	
0.50000	-7.015898	-204.269883	-1.558537
-66.444782	-23.007108	-1388.574	
0.75000	-7.015898	-204.256562	-1.558537
-66.481285	-22.223596	-1332.082	
1.00000	-7.015898	-204.243968	-1.558537
-66.523962	-21.637355	-1275.591	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.360355	99.222740	2.987213
352.552296	53.339207	1758.715	
0.25000	15.360355	119.424497	2.987213
352.552296	53.235209	2033.041	
0.50000	15.360355	141.355130	2.987213
352.552296	54.148337	2300.278	
0.75000	15.360355	164.643998	2.987213
352.552296	56.384563	2560.666	
1.00000	15.360355	189.871008	2.987213
352.552296	59.572384	2807.918	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.344128	-485.554657	-6.383139
-330.091234	-52.812764	-2244.350	
0.25000	-12.344128	-459.979030	-6.383139
-330.091234	-49.729675	-2139.153	
0.50000	-12.344128	-435.850352	-6.383139
-346.922426	-46.656474	-2034.084	
0.75000	-12.344128	-412.588239	-6.383139
-378.115599	-43.598736	-1929.042	
1.00000	-12.344128	-390.665095	-6.383139
-406.120435	-40.721863	-1824.183	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.049172	95.049914	5.908284
445.828900	60.671761	1614.529	
0.25000	16.049172	111.874954	5.908284
445.828900	59.094376	1872.522	
0.50000	16.049172	130.140000	5.908284
445.828900	58.351166	2126.278	
0.75000	16.049172	149.535859	5.908284
445.828900	58.696389	2375.671	
1.00000	16.049172	170.545672	5.908284
445.828900	59.827081	2615.512	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.400109	-434.162846	-5.420621
-309.231929	-56.831967	-2231.253	
0.25000	-12.400109	-412.863121	-5.420621
-309.231929	-55.759837	-2143.315	
0.50000	-12.400109	-392.767178	-5.420621
-323.142527	-55.088880	-2055.565	
0.75000	-12.400109	-373.393021	-5.420621
-349.107409	-54.913212	-1968.048	
1.00000	-12.400109	-355.134110	-5.420621
-372.417466	-55.334502	-1880.742	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.295708	18.698093	5.598063
230.460962	30.588437	226.940880	
0.25000	6.295708	18.709822	5.598063
230.420668	28.062071	267.688834	
0.50000	6.295708	18.722487	5.598063
230.386082	25.555785	310.642559	
0.75000	6.295708	18.735876	5.598063
230.359691	23.065882	355.344507	
1.00000	6.295708	18.751115	5.598063
230.341063	20.603695	401.444755	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.633621	-41.294389	-0.271546
-60.530252	-13.572245	-524.170830	
0.25000	-4.633621	-41.278987	-0.271546
-60.563065	-16.903392	-526.477059	
0.50000	-4.633621	-41.265197	-0.271546
-60.597940	-20.821716	-529.062751	
0.75000	-4.633621	-41.251810	-0.271546
-60.634502	-25.265609	-531.701246	
1.00000	-4.633621	-41.239270	-0.271546
-60.677257	-30.263490	-534.699521	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.809659	34.385051	8.687095
408.706984	41.995427	451.038043	
0.25000	8.809659	34.396774	8.687095
408.666777	38.086183	539.973971	
0.50000	8.809659	34.409432	8.687095
408.632259	34.364243	634.961059	
0.75000	8.809659	34.422814	8.687095
408.606229	30.761182	735.833704	
1.00000	8.809659	34.438041	8.687095
408.588027	27.289458	841.793453	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.612426	-95.692308	-1.026523
-81.391890	-47.285496	-1049.982	
0.25000	-13.612426	-95.676918	-1.026523
-81.424633	-49.871566	-1041.593	
0.50000	-13.612426	-95.663134	-1.026523
-81.459436	-53.161015	-1033.530	
0.75000	-13.612426	-95.649814	-1.026523
-81.495927	-57.123630	-1025.624	
1.00000	-13.612426	-95.637221	-1.026523
-81.538589	-61.960976	-1018.083	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.864606	48.726068	8.160007
504.447308	45.250353	812.553158	
0.25000	10.864606	48.736620	8.160007
504.411109	41.293466	955.692700	
0.50000	10.864606	48.748013	8.160007
504.380033	37.691766	1118.111	
0.75000	10.864606	48.760258	8.160007
504.356551	34.354061	1298.434	
1.00000	10.864606	48.773764	8.160007
504.340106	31.198709	1491.511	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.376565	-179.701480	-0.892926
-73.819494	-32.868979	-1644.477	
0.25000	-9.376565	-179.687627	-0.892926
-73.848973	-35.663572	-1608.229	
0.50000	-9.376565	-179.675221	-0.892926
-73.880307	-39.115056	-1570.309	
0.75000	-9.376565	-179.663232	-0.892926
-73.913159	-43.174532	-1536.525	
1.00000	-9.376565	-179.651897	-0.892926
-73.951569	-47.999564	-1501.067	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.149658	81.708374	7.239445
524.237806	67.924362	1395.274	
0.25000	18.149658	93.602925	7.239445
500.205119	64.48947	1616.178	
0.50000	18.149658	106.478700	7.239445
479.960802	61.869045	1842.363	
0.75000	18.149658	120.120972	7.239445
476.012135	59.801431	2073.739	
1.00000	18.149658	135.280044	7.239445
476.012135	58.542919	2304.063	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.896286	-360.127319	-3.866110
-218.368362	-45.835232	-2083.949	
0.25000	-11.896286	-344.783608	-3.866110
-235.529891	-46.708007	-2013.204	
0.50000	-11.896286	-330.691865	-3.866110
-259.640427	-48.122618	-1942.718	
0.75000	-11.896286	-317.089581	-3.866110
-282.414913	-50.063627	-1872.362	
1.00000	-11.896286	-304.249517	-3.866110
-316.684321	-52.642567	-1802.377	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.158679	83.773439	0.492438
155.994425	19.139563	975.138534	
0.25000	12.158679	97.619201	0.492438
155.994425	22.786656	1111.052	
0.50000	12.158679	112.967250	0.492438
155.994425	27.984842	1241.348	
0.75000	12.158679	129.414154	0.492438
155.994425	34.572816	1371.664	
1.00000	12.158679	146.476769	0.492438
155.994425	41.983561	1518.746	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.925750	-398.825885	-10.960418
-628.945468	-89.680155	-1680.077	
0.25000	-28.925750	-374.867024	-10.960418
-620.439419	-81.177020	-1478.823	
0.50000	-28.925750	-351.262343	-10.960418
-611.931848	-73.521027	-1309.490	
0.75000	-28.925750	-328.492901	-10.960418
-603.427322	-66.619619	-1181.070	
1.00000	-28.925750	-307.037567	-10.960418
-594.921273	-60.329351	-1120.055	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.771598	128.759451	1.325637
282.842781	63.966274	1527.272	
0.25000	31.771598	145.864776	1.325637
282.842781	68.362209	1715.964	
0.50000	31.771598	164.831052	1.325637
282.842781	74.391033	1921.634	
0.75000	31.771598	185.153422	1.325637
282.842781	81.983426	2168.237	
1.00000	31.771598	206.295278	1.325637
282.842781	90.694075	2452.485	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-32.320438	-603.624148	-14.032767
-743.628639	-108.727611	-2783.560	
0.25000	-32.320438	-574.501175	-14.032767
-740.331928	-98.701797	-2470.139	
0.50000	-32.320438	-545.875848	-14.032767
-737.035216	-89.705791	-2210.362	
0.75000	-32.320438	-518.311874	-14.032767
-733.738505	-81.601213	-2029.533	
1.00000	-32.320438	-492.373695	-14.032767
-730.441793	-74.204029	-1948.453	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.386065	139.843357	2.509211
432.948757	59.609392	1676.642	
0.25000	28.386065	155.579025	2.509211
432.948757	62.312220	1903.797	
0.50000	28.386065	173.027470	2.509211
432.948757	66.631014	2160.372	
0.75000	28.386065	191.725580	2.509211
432.948757	72.558928	2482.576	
1.00000	28.386065	211.181950	2.509211
432.948757	79.686463	2842.555	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-30.104516	-658.137994	-12.536498
-655.192816	-103.019696	-3369.423	
0.25000	-30.104516	-631.388822	-12.536498
-652.825156	-93.984555	-3027.918	
0.50000	-30.104516	-605.102144	-12.536498
-650.457497	-86.042896	-2753.991	
0.75000	-30.104516	-579.798433	-12.536498
-648.089837	-79.107887	-2591.054	
1.00000	-30.104516	-555.986102	-12.536498
-645.722177	-73.359483	-2520.956	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.593999	134.535361	5.960157
549.626362	70.938994	1563.073	
0.25000	27.593999	147.651756	5.960157
549.626362	70.398392	1781.746	
0.50000	27.593999	162.195829	5.960157
549.626362	71.444823	2033.808	
0.75000	27.593999	177.781554	5.960157
549.626362	74.068390	2354.724	
1.00000	27.593999	193.999323	5.960157
549.626362	77.913608	2707.233	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.969360	-598.658597	-10.856406
-594.127362	-109.871213	-3286.023	
0.25000	-33.969360	-576.361946	-10.856406
-592.103810	-103.184831	-2990.535	
0.50000	-33.969360	-554.450804	-10.856406
-590.180258	-97.818542	-2761.643	
0.75000	-33.969360	-533.357341	-10.856406
-588.206706	-93.589269	-2641.128	
1.00000	-33.969360	-513.510349	-10.856406
-586.233153	-90.541150	-2598.871	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.050105	37.171162	0.871727
165.332207	45.246905	505.777026	
0.25000	21.050105	37.176712	0.871727
165.314988	45.212515	557.326307	
0.50000	21.050105	37.182886	0.871727
165.298574	45.260732	640.276749	
0.75000	21.050105	37.189536	0.871727
165.283369	45.362813	774.593807	
1.00000	21.050105	37.196542	0.871727
165.269762	45.506495	928.636172	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.747229	-178.280484	-1.678017
-66.674707	-14.149541	-1158.748	
0.25000	-3.747229	-178.271698	-1.678017
-66.690782	-13.456776	-1052.772	
0.50000	-3.747229	-178.263152	-1.678017
-66.708513	-12.765312	-970.229802	
0.75000	-3.747229	-178.255017	-1.678017
-66.727516	-12.300794	-934.095662	
1.00000	-3.747229	-178.247416	-1.678017
-66.747405	-11.790652	-920.495911	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.733549	62.489188	3.518290
386.594997	45.723342	782.520767	
0.25000	18.733549	62.494738	3.518290
386.577778	43.514613	888.149679	
0.50000	18.733549	62.500912	3.518290
386.561363	41.634704	1038.204	
0.75000	18.733549	62.507562	3.518290
386.546159	40.109783	1268.525	
1.00000	18.733549	62.514568	3.518290
386.532552	38.982392	1522.714	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.351973	-280.455764	-1.788372
-68.905475	-31.529308	-1983.065	
0.25000	-10.351973	-280.446810	-1.788372
-68.921550	-31.146574	-1832.784	
0.50000	-10.351973	-280.438433	-1.788372
-68.939281	-30.961641	-1723.291	
0.75000	-10.351973	-280.430298	-1.788372
-68.958284	-31.027148	-1696.726	
1.00000	-10.351973	-280.422697	-1.788372
-68.978173	-31.397963	-1692.929	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.257046	122.262412	3.575884
474.531513	63.605762	1444.158	
0.25000	26.257046	136.515322	3.575884
448.537656	64.057804	1655.796	
0.50000	26.257046	152.357961	3.575884
445.189502	65.747878	1894.837	
0.75000	26.257046	169.373129	3.575884
445.186651	68.418421	2197.385	
1.00000	26.257046	187.216180	3.575884
445.184049	72.040765	2525.456	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.184742	-572.963054	-8.616875
-381.475026	-78.731620	-3195.516	
0.25000	-22.184742	-549.595406	-8.616875
-389.996376	-73.459852	-2920.017	
0.50000	-22.184742	-526.739245	-8.616875
-414.944370	-68.861965	-2627.095	
0.75000	-22.184742	-504.889186	-8.616875
-450.643941	-64.916290	-2514.890	
1.00000	-22.184742	-484.371660	-8.616875
-485.347811	-61.565671	-2404.524	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
494

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.321193	121.084915	7.720320
588.132061	82.262631	1371.160	
0.25000	27.321193	132.954897	7.720320
566.484090	78.956162	1571.941	
0.50000	27.321193	146.148821	7.720320
563.695711	76.970514	1805.334	
0.75000	27.321193	160.319241	7.720320
563.693336	76.097229	2103.047	
1.00000	27.321193	175.179130	7.720320
563.691169	76.297154	2422.499	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.853499	-519.358415	-7.396620
-383.835904	-80.307469	-3107.486	
0.25000	-22.853499	-499.897590	-7.396620
-390.932579	-78.384540	-2872.920	
0.50000	-22.853499	-480.862717	-7.396620
-411.709543	-75.484854	-2636.370	
0.75000	-22.853499	-462.665746	-7.396620
-441.440539	-74.619281	-2563.442	
1.00000	-22.853499	-445.578525	-7.396620
-470.342305	-74.737947	-2492.632	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.942990	31.124484	8.022472
292.479445	55.219004	261.699314	
0.25000	11.942990	31.130029	8.022472
292.462290	49.471480	293.226108	
0.50000	11.942990	31.136198	8.022472
292.445936	43.606322	340.993493	
0.75000	11.942990	31.142843	8.022472
292.430789	38.299963	404.843259	
1.00000	11.942990	31.149942	8.022472
292.417233	33.488116	469.251955	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.972717	-58.301410	-0.387869
-116.581416	-17.829453	-651.027878	
0.25000	-5.972717	-58.292629	-0.387869
-116.597451	-20.456587	-647.560033	
0.50000	-5.972717	-58.284088	-0.387869
-116.615137	-23.925252	-664.756917	
0.75000	-5.972717	-58.275957	-0.387869
-116.634092	-28.206112	-699.556008	
1.00000	-5.972717	-58.268360	-0.387869
-116.653933	-33.176793	-735.335780	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.128276	53.240392	11.717072
513.712626	74.593937	485.678209	
0.25000	15.128276	53.245940	11.717072
513.695443	65.678960	558.840180	
0.50000	15.128276	53.252111	11.717072
513.679063	57.279517	659.903032	
0.75000	15.128276	53.258758	11.717072
513.663891	50.404086	799.736918	
1.00000	15.128276	53.265760	11.717072
513.650316	43.880306	941.779320	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.737944	-135.796686	-1.080603
-154.424270	-53.016678	-1343.737	
0.25000	-18.737944	-135.787903	-1.080603
-154.440322	-56.058216	-1314.679	
0.50000	-18.737944	-135.779360	-1.080603
-154.458028	-60.164462	-1317.544	
0.75000	-18.737944	-135.771228	-1.080603
-154.477003	-65.334615	-1361.893	
1.00000	-18.737944	-135.763629	-1.080603
-154.496863	-71.440821	-1408.764	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
495

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.477617	72.970637	10.838143
605.598740	79.170774	793.197350	
0.25000	20.477617	73.030548	10.838143
605.413170	70.738416	912.656502	
0.50000	20.477617	73.097196	10.838143
605.236266	63.108036	1077.692	
0.75000	20.477617	73.168982	10.838143
605.072409	56.709998	1311.264	
1.00000	20.477617	73.244606	10.838143
604.925792	49.945072	1557.016	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.367724	-253.404444	-0.988811
-136.758211	-43.011500	-2106.967	
0.25000	-14.367724	-253.309588	-0.988811
-136.931573	-45.817284	-2003.115	
0.50000	-14.367724	-253.217326	-0.988811
-137.122792	-49.534689	-2149.361	
0.75000	-14.367724	-253.129492	-0.988811
-137.327726	-54.165461	-1976.733	
1.00000	-14.367724	-253.047429	-0.988811
-137.542213	-59.599440	-2015.729	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.730369	110.121855	9.625158
656.020330	97.667466	1219.953	
0.25000	31.730369	118.851495	9.625158
633.915469	91.846945	1394.383	
0.50000	31.730369	128.565346	9.625158
612.846659	87.038863	1607.713	
0.75000	31.730369	139.012208	9.625158
593.458906	83.459879	1889.337	
1.00000	31.730369	149.994504	9.625158
590.462735	80.702856	2189.684	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.053570	-442.987672	-5.139701
-295.282125	-64.542317	-2865.427	
0.25000	-19.053570	-428.942996	-5.139701
-317.758550	-64.200715	-2653.670	
0.50000	-19.053570	-415.246431	-5.139701
-342.640302	-64.898027	-2510.569	
0.75000	-19.053570	-402.183322	-5.139701
-369.299629	-66.597327	-2469.646	
1.00000	-19.053570	-389.952000	-5.139701
-397.071490	-69.175303	-2466.620	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.287689	116.398581	8.687095
524.237806	67.924362	2075.610	
0.25000	21.287689	140.325079	8.687095
504.411109	64.489477	2379.631	
0.50000	21.287689	166.419827	8.687095
504.380033	66.712045	2673.810	
0.75000	21.287689	195.035658	8.687095
504.356551	72.908698	2957.554	
1.00000	21.287689	226.284662	8.687095
504.340106	80.203304	3225.078	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.266982	-567.910204	-9.916733
-637.837981	-72.927147	-2407.534	
0.25000	-16.266982	-538.671682	-9.916733
-637.837981	-68.869595	-2294.875	
0.50000	-16.266982	-509.690427	-9.916733
-637.837981	-65.959328	-2186.524	
0.75000	-16.266982	-481.810462	-9.916733
-637.837981	-63.339709	-2078.367	
1.00000	-16.266982	-455.610168	-9.916733
-637.837981	-61.960976	-1970.415	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
496

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.771598	139.843357	11.717072
656.020330	97.667466	1676.642	
0.25000	31.771598	155.579025	11.717072
633.915469	91.846945	1903.797	
0.50000	31.771598	173.027470	11.717072
612.846659	87.038863	2160.372	
0.75000	31.771598	191.725580	11.717072
605.072409	83.459879	2482.876	
1.00000	31.771598	211.181950	11.717072
604.925792	90.694075	2842.555	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.969360	-658.137994	-14.032767
-743.628639	-109.871213	-3369.423	
0.25000	-33.969360	-631.388822	-14.032767
-740.331928	-103.184831	-3027.918	
0.50000	-33.969360	-605.102144	-14.032767
-737.035216	-97.818542	-2761.643	
0.75000	-33.969360	-579.796431	-14.032767
-733.738505	-93.589269	-2641.128	
1.00000	-33.969360	-555.986102	-14.032767
-730.441793	-90.541150	-2598.871	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.771598	139.843357	11.717072
656.020330	97.667466	2075.610	
0.25000	31.771598	155.579025	11.717072
633.915469	91.846945	2379.631	
0.50000	31.771598	173.027470	11.717072
612.846659	87.038863	2673.810	
0.75000	31.771598	195.035658	11.717072
605.072409	83.459879	2957.554	
1.00000	31.771598	226.284662	11.717072
604.925792	90.694075	3225.078	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.969360	-658.137994	-14.032767
-743.628639	-109.871213	-3369.423	
0.25000	-33.969360	-631.388822	-14.032767
-740.331928	-103.184831	-3027.918	
0.50000	-33.969360	-605.102144	-14.032767
-737.035216	-97.818542	-2761.643	
0.75000	-33.969360	-579.796431	-14.032767
-733.738505	-93.589269	-2641.128	
1.00000	-33.969360	-555.986102	-14.032767
-730.441793	-90.541150	-2598.871	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.771598	139.843357	11.717072
656.020330	97.667466	2075.610	
0.25000	31.771598	155.579025	11.717072
633.915469	91.846945	2379.631	
0.50000	31.771598	173.027470	11.717072
612.846659	87.038863	2673.810	
0.75000	31.771598	195.035658	11.717072
605.072409	83.459879	2957.554	
1.00000	31.771598	226.284662	11.717072
604.925792	90.694075	3225.078	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.969360	-658.137994	-14.032767
-743.628639	-109.871213	-3369.423	
0.25000	-33.969360	-631.388822	-14.032767
-740.331928	-103.184831	-3027.918	
0.50000	-33.969360	-605.102144	-14.032767
-737.035216	-97.818542	-2761.643	
0.75000	-33.969360	-579.796431	-14.032767
-733.738505	-93.589269	-2641.128	
1.00000	-33.969360	-555.986102	-14.032767
-730.441793	-90.541150	-2598.871	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
497

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 15 ========== LENGTH = 4.987643

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.743685	117.198788	0.381346
53.117488	41.937661	1828.859	
0.25000	9.743685	138.440346	0.381346
53.117488	46.232314	1960.643	
0.50000	9.743685	161.641675	0.381346
53.117488	51.669454	2060.147	
0.75000	9.743685	186.310656	0.381346
53.117488	58.022040	2127.310	
1.00000	9.743685	211.014192	0.381346
53.117488	65.462098	2165.376	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.737688	-325.814259	-7.968294
-447.633757	-36.220664	-862.577691	
0.25000	-10.737688	-300.862193	-7.968294
-447.633757	-32.600972	-808.794293	
0.50000	-10.737688	-275.600770	-7.968294
-447.633757	-28.981947	-755.010946	
0.75000	-10.737688	-251.479234	-7.968294
-447.633757	-25.365222	-701.228290	
1.00000	-10.737688	-229.035665	-7.968294
-447.633757	-21.750039	-647.445728	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.685536	166.445495	3.645971
144.163424	81.070602	2907.918	
0.25000	21.685536	193.213580	3.645971
144.163424	81.718877	3085.745	
0.50000	21.685536	222.366995	3.645971
144.163424	83.769977	3240.083	
0.75000	21.685536	253.322102	3.645971
144.163424	87.709824	3377.316	
1.00000	21.685536	285.109256	3.645971
144.163424	94.702081	3495.252	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.374402	-477.383134	-10.064593
-577.151757	-45.408717	-1496.842	
0.25000	-13.374402	-445.320276	-10.064593
-577.151757	-41.812961	-1407.613	
0.50000	-13.374402	-413.675314	-10.064593
-577.151757	-37.758270	-1318.390	
0.75000	-13.374402	-383.410168	-10.064593
-577.151757	-33.755512	-1229.168	
1.00000	-13.374402	-355.160469	-10.064593
-577.151757	-29.784472	-1139.960	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.823426	165.381804	3.454595
264.862544	70.622532	3225.860	
0.25000	18.823426	189.968769	3.454595
264.862544	71.867892	3433.675	
0.50000	18.823426	216.742371	3.454595
264.862544	74.638390	3626.384	
0.75000	18.823426	245.166878	3.454595
264.862544	79.160881	3807.462	
1.00000	18.823426	274.415575	3.454595
264.862544	86.085571	3972.039	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.340741	-494.875978	-9.365344
-531.503283	-42.886206	-1907.318	
0.25000	-12.340741	-465.376655	-9.365344
-531.503283	-39.095356	-1801.509	
0.50000	-12.340741	-436.322756	-9.365344
-531.503283	-35.566677	-1695.699	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
498

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-12.340741	-408.531485	-9.365344
-531.503283	-32.498213	-1589.889	
1.00000	-12.340741	-382.586562	-9.365344
-531.503283	-29.473910	-1484.089	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.295147	150.699634	5.575360
344.595178	65.884128	2997.525	
0.25000	18.295147	171.188771	5.575360
344.595178	65.670221	3198.891	
0.50000	18.295147	193.500106	5.575360
344.595178	66.615194	3380.858	
0.75000	18.295147	217.187196	5.575360
344.595178	69.476366	3570.113	
1.00000	18.295147	241.561110	5.575360
344.595178	74.197555	3738.613	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.235151	-441.996495	-9.711265
-464.138750	-61.739065	-1970.549	
0.25000	-16.235151	-417.413725	-9.711265
-464.138750	-57.320778	-2132.374	
0.50000	-16.235151	-393.202142	-9.711265
-464.138750	-53.661002	-1770.212	
0.75000	-16.235151	-370.042750	-9.711265
-464.138750	-51.649703	-1670.056	
1.00000	-16.235151	-348.421981	-9.711265
-464.138750	-50.480794	-1569.909	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.948214	33.201440	3.413679
134.771591	33.902816	1028.148	
0.25000	11.948214	33.213461	3.413679
134.732317	29.940385	1063.950	
0.50000	11.948214	33.226442	3.413679
134.698822	25.983134	1120.106	
0.75000	11.948214	33.240140	3.413679
134.669957	22.563004	1203.315	
1.00000	11.948214	33.255673	3.413679
134.648264	20.715520	1309.225	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.438691	-112.137875	-1.100141
-121.165926	-6.983640	-707.134303	
0.25000	-2.438691	-112.122285	-1.100141
-121.196875	-6.924148	-670.043753	
0.50000	-2.438691	-112.108381	-1.100141
-121.230255	-6.873194	-632.893208	
0.75000	-2.438691	-112.094987	-1.100141
-121.265551	-6.845819	-595.742676	
1.00000	-2.438691	-112.082373	-1.100141
-121.307174	-6.853646	-558.604707	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.181182	50.443143	4.360738
294.008391	30.498880	1579.745	
0.25000	11.181182	50.455165	4.360738
293.969103	27.000974	1660.055	
0.50000	11.181182	50.468147	4.360738
293.935599	23.886035	1768.285	
0.75000	11.181182	50.481846	4.360738
293.906677	21.509542	1907.843	
1.00000	11.181182	50.497381	4.360738
293.884975	20.697990	2069.961	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.165618	-168.974919	-2.804793
-129.341488	-22.096983	-1275.606	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
499

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-7.165618	-168.959327	-2.804793
-129.372448	-20.194326	-1215.075	
0.50000	-7.165618	-168.945422	-2.804793
-129.405841	-18.846134	-1154.547	
0.75000	-7.165618	-168.932027	-2.804793
-129.441149	-19.030962	-1094.028	
1.00000	-7.165618	-168.919412	-2.804793
-129.482787	-19.796409	-1033.521	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.809556	134.763805	5.305247
319.026273	61.256175	2807.806	
0.25000	15.809556	155.505528	5.305247
296.998867	59.907229	3001.065	
0.50000	15.809556	178.001812	5.305247
296.998867	59.871215	3182.026	
0.75000	15.809556	201.815517	5.305247
296.998867	61.567670	3353.707	
1.00000	15.809556	227.514300	5.305247
296.998867	65.093009	3512.019	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.713769	-423.112781	-7.523502
-334.935422	-41.434431	-1824.338	
0.25000	-12.713769	-397.257158	-7.523502
-334.935422	-37.808865	-1728.677	
0.50000	-12.713769	-372.996992	-7.523502
-363.943584	-34.726468	-1633.019	
0.75000	-12.713769	-349.712263	-7.523502
-393.183273	-32.983962	-1537.370	
1.00000	-12.713769	-327.883348	-7.523502
-419.708491	-31.765003	-1441.728	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.471236	124.996463	7.605409
387.474330	61.041760	2614.811	
0.25000	16.471236	142.271234	7.605409
369.262163	58.345237	2800.472	
0.50000	16.471236	161.007391	7.605409
369.262163	56.738218	2976.902	
0.75000	16.471236	180.840843	7.605409
369.262163	56.579196	3146.360	
1.00000	16.471236	202.243017	7.605409
369.262163	58.004066	3305.025	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.960216	-377.085328	-7.041195
-304.402064	-55.600959	-1880.771	
0.25000	-12.960216	-355.552417	-7.041195
-304.402064	-53.355986	-1791.640	
0.50000	-12.960216	-335.347093	-7.041195
-328.450284	-52.078058	-1702.606	
0.75000	-12.960216	-315.954204	-7.041195
-352.788966	-52.461803	-1613.583	
1.00000	-12.960216	-297.773902	-7.041195
-374.869647	-53.742373	-1524.568	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.377471	19.242532	5.341918
184.749733	20.408138	400.518171	
0.25000	6.377471	19.254559	5.341918
184.710373	17.564049	435.369766	
0.50000	6.377471	19.267547	5.341918
184.676810	14.774667	471.195689	
0.75000	6.377471	19.281252	5.341918
184.647614	12.107455	508.115128	
1.00000	6.377471	19.296798	5.341918
184.625872	9.593403	545.796779	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
500

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.994603	-34.617419	-0.534594
-41.886503	-29.696932	-534.523642	
0.25000	-4.994603	-34.601817	-0.534594
-41.917522	-32.058506	-522.711098	
0.50000	-4.994603	-34.587906	-0.534594
-41.950974	-35.092232	-509.898360	
0.75000	-4.994603	-34.574505	-0.534594
-41.986342	-38.802309	-497.725150	
1.00000	-4.994603	-34.561884	-0.534594
-42.028057	-43.276045	-485.581975	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.078263	35.459554	8.056694
331.459696	27.483060	840.209240	
0.25000	9.078263	35.471104	8.056694
331.420622	23.405680	912.239175	
0.50000	9.078263	35.484555	8.056694
331.387127	19.555878	988.338377	
0.75000	9.078263	35.498253	8.056694
331.358262	15.931339	1068.140	
1.00000	9.078263	35.513786	8.056694
331.336569	12.685961	1150.983	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.983276	-79.298255	-3.302115
-62.572186	-61.315921	-1017.853	
0.25000	-13.983276	-79.282665	-3.302115
-62.603135	-60.586855	-987.467178	
0.50000	-13.983276	-79.268761	-3.302115
-62.636516	-60.922542	-957.103132	
0.75000	-13.983276	-79.255367	-3.302115
-62.671812	-63.864189	-926.920967	
1.00000	-13.983276	-79.242753	-3.302115
-62.713435	-68.988781	-896.739275	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.140422	49.871383	7.769841
419.995906	32.105932	1489.730	
0.25000	11.140422	49.882203	7.769841
419.960547	27.950782	1595.952	
0.50000	11.140422	49.893887	7.769841
419.930393	24.170140	1717.789	
0.75000	11.140422	49.906216	7.769841
419.904363	20.727462	1854.773	
1.00000	11.140422	49.920198	7.769841
419.884832	17.740785	2003.510	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.875345	-148.062161	-2.285233
-104.233572	-47.770125	-1500.881	
0.25000	-9.875345	-148.048129	-2.285233
-104.261437	-48.399471	-1444.475	
0.50000	-9.875345	-148.035614	-2.285233
-104.291490	-50.341550	-1388.092	
0.75000	-9.875345	-148.023559	-2.285233
-104.323267	-54.306283	-1331.868	
1.00000	-9.875345	-148.012205	-2.285233
-104.360741	-59.484707	-1275.644	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.338493	103.455164	9.156756
461.067691	59.611493	2302.858	
0.25000	18.338493	115.658643	9.156756
432.336244	54.912733	2463.137	
0.50000	18.338493	128.864947	9.156756
412.923067	51.063648	2623.271	
0.75000	18.338493	142.822003	9.156756

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397.150844   48.542674    2786.295
 1.00000   18.338493  158.275322    9.156756
397.150844   47.654310    2947.137
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    501

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -12.443651  -311.095725   -4.934789
-228.122606  -52.653850   -1802.316
 0.25000  -12.443651  -295.567998   -4.934789
-252.755712  -52.230162   -1722.855
 0.50000  -12.443651  -281.375763   -4.934789
-275.570975  -52.848249   -1643.413
 0.75000  -12.443651  -267.728415   -4.934789
-301.480357  -55.206774   -1564.103
 1.00000  -12.443651  -254.904313   -4.934789
-338.035334  -58.577055   -1484.801

 COMB DL-G1-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.652444   110.498413    0.636193
 89.718624   41.705131    1520.737
 0.25000   12.652444   126.068671    0.636193
 89.718624   46.713935    1691.396
 0.50000   12.652444   143.111400    0.636193
 89.718624   53.302768    1930.093
 0.75000   12.652444   161.229716    0.636193
 89.718624   61.241922    1934.980
 1.00000   12.652444   179.958965    0.636193
 89.718624   69.996674    2007.506

 COMB DL-G1-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -29.213750  -328.349074   -11.331736
-498.197517  -60.088173   -1120.594
 0.25000   -29.213750  -305.704307   -11.331736
-489.692295  -52.863312   -1091.852
 0.50000   -29.213750  -283.514117   -11.331736
-481.187072  -46.476542   -1063.908
 0.75000   -29.213750  -262.181041   -11.331736
-472.681850  -40.740843   -1035.824
 1.00000   -29.213750  -242.196410   -11.331736
-464.176628  -35.501359   -1007.392

 COMB DL-G1-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   32.192868   168.237523    4.402956
 190.965797   90.920432    2454.629
 0.25000   32.192868   187.331312    4.402956
 190.965797   99.033701    2704.392
 0.50000   32.192868   208.247169    4.402956
 190.965797   96.789748    2926.330
 0.75000   32.192868   230.560139    4.402956
 190.965797  102.007160    3125.005
 1.00000   32.192868   253.612272    4.402956
 190.965797  109.396174    3290.517

 COMB DL-G1-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -32.744145  -497.938560   -13.460921
-615.897039  -73.942536   -1949.197
 0.25000  -32.744145  -470.303004   -13.460921
-612.600648  -66.363860   -1906.480
 0.50000  -32.744145  -443.277627   -13.460921
-609.304257  -59.747436   -1864.490
 0.75000  -32.744145  -417.334285   -13.460921
-606.007866  -53.874991   -1822.219
 1.00000  -32.744145  -393.051612   -13.460921
-602.711475  -48.568820   -1779.591

 COMB DL-G1-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   28.880317   175.664652    4.804490
 319.444957   80.890638    2843.813
 0.25000   28.880317   193.216211    4.804490
 319.444957   82.648849    3145.525
 0.50000   28.880317   212.446077    4.804490
 319.444957   86.222459    3422.103
 0.75000   28.880317   232.963934    4.804490
 319.444957   94.110970    3675.957
 1.00000   28.880317   254.167447    4.804490
 319.444957   98.551970    3900.268
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    502

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -30.687508  -543.923225   -12.655510
-562.898892  -73.379809   -2521.578
 0.25000   -30.687508  -518.529761   -12.655510
-560.531462  -66.474297   -2480.057
 0.50000   -30.687508  -493.702198   -12.655510
-558.164032  -60.812149   -2439.222
 0.75000   -30.687508  -469.870891   -12.655510
-555.796602  -56.241165   -2398.101
 1.00000   -30.687508  -447.570617   -12.655510
-553.429172  -52.548643   -2356.582

 COMB DL-G1-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   28.337742   164.061596    7.408811
 414.014500   79.424273    2707.539
 0.25000   28.337742   178.591619    7.408811
 414.014500   78.547321    3000.044
 0.50000   28.337742   194.720587    7.408811
 414.014500   79.463624    3271.997
 0.75000   28.337742   211.823154    7.408811
 414.014500   81.946244    3525.558
 1.00000   28.337742   229.497247    7.408811
 414.014500   86.232974    3754.790

 COMB DL-G1-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.747240  -500.366440   -12.460552
-496.858660  -90.987910   -2599.157
 0.25000   -34.747240  -479.199833   -12.460552
-494.885300  -84.355607   -2570.962
 0.50000   -34.747240  -458.504930   -12.460552
-492.911939  -79.282745   -2543.382
 0.75000   -34.747240  -438.640452   -12.460552
-490.938579  -75.784320   -2515.537
 1.00000   -34.747240  -420.052159   -12.460552
-488.965218  -73.432389   -2487.383

 COMB DL-G2-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   20.846844   45.352717    3.988633
142.814805   46.308750   928.408634
 0.25000   20.846844   45.358705    3.988633
142.797851   42.329877    1006.538
 0.50000   20.846844   45.365320    3.988633
142.781574   38.412142    1096.440
 0.75000   20.846844   45.372437    3.988633
142.766413   34.559886    1202.733
 1.00000   20.846844   45.379878    3.988633
142.752812   31.614749    1313.831

 COMB DL-G2-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.781268  -144.985347   -1.229193
-98.343715  -12.035729  -920.628661
 0.25000   -3.781268  -144.976837   -1.229193
-98.359466  -11.962391  -908.990509
 0.50000   -3.781268  -144.968597   -1.229193
-98.376832  -11.956659  -897.152443
 0.75000   -3.781268  -144.960749   -1.229193
-98.395570  -12.028660  -885.414043
 1.00000   -3.781268  -144.953468   -1.229193
-98.415219  -12.203111  -873.611478

 COMB DL-G2-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.839043   70.859882    5.331382
321.563773   40.879351    1521.598
 0.25000   18.839043   70.865870    5.331382
321.546819   36.786770    1672.205
 0.50000   18.839043   70.872486    5.331382
321.530542   33.217383    1834.710
 0.75000   18.839043   70.879603    5.331382
321.515381   30.204995    2013.374
 1.00000   18.839043   70.887044    5.331382
321.501779   28.315761    2198.928
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    503

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.702840  -232.978302   -3.000857
-107.979736  -32.361739   -1692.324
 0.25000  -10.702840  -232.969792   -3.000857
-107.995487  -30.934773   -1681.874
 0.50000  -10.702840  -232.961552   -3.000857
-108.012853  -30.245387   -1670.662
 0.75000  -10.702840  -232.953704   -3.000857
-108.031590  -30.595424   -1659.478
 1.00000  -10.702840  -232.946423   -3.000857
-108.051239  -31.509619   -1648.208

 COMB DL-G2-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   26.661022   148.646827    6.149303
387.834080   73.724752    2525.639
 0.25000   26.661022   164.288226    6.149303
361.701572   72.768196    2807.020
 0.50000   26.661022   181.490554    6.149303
341.892006   73.078152    3065.646
 0.75000   26.661022   199.927145    6.149303
341.704939   74.585036    3302.442
 1.00000   26.661022   219.088151    6.149303
341.698479   77.371727    3511.957

 COMB DL-G2-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -22.900397  -479.544357   -9.099535
-341.274383  -62.228495   -2404.892
 0.25000  -22.900397  -457.127733   -9.099535
-348.891648  -57.572308   -2373.911
 0.50000  -22.900397  -435.322518   -9.099535
-381.005627  -54.066299   -2343.456
 0.75000  -22.900397  -414.477775   -9.099535
-416.386699  -51.870287   -2312.538
 1.00000  -22.900397  -395.061167   -9.099535
-450.607832  -50.396661   -2281.518

 COMB DL-G2-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   27.991257   141.820036    9.568318
474.435761   78.183640    2421.871
 0.25000   27.991257   154.846365    9.568318
452.672319   74.253229    2693.706
 0.50000   27.991257   169.172654    9.568318
436.174694   71.737378    2946.804
 0.75000   27.991257   184.526850    9.568318
436.018903   70.447440    3182.018
 1.00000   27.991257   200.484348    9.568318
436.013523   70.391689    3394.715

 COMB DL-G2-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -23.913128  -440.403825   -8.473541
-321.865448  -75.563926   -2492.631
 0.25000  -23.913128  -421.735010   -8.473541
-328.209191  -72.716930   -2476.604
 0.50000  -23.913128  -403.575389   -8.473541
-355.325501  -71.405553   -2461.067
 0.75000  -23.913128  -386.215658   -8.473541
-384.419814  -71.599379   -2445.112
 1.00000  -23.913128  -370.045292   -8.473541
-412.919551  -72.725128   -2429.062

 COMB DL-G3-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.339899   27.521142    8.086141
231.201225   34.389768   468.061705
 0.25000   12.339899   27.527126    8.086141
231.184332   28.470827   521.155739
 0.50000   12.339899   27.533737    8.086141
231.168113   23.116301   574.375158
 0.75000   12.339899   27.540648    8.086141
231.153008   18.239662   628.070679
 1.00000   12.339899   27.548283    8.086141
231.139459   13.808979   681.825894
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    504

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.582227   -57.048271   -0.846998
-66.871737  -33.622473  -734.813092
 0.25000   -6.582227   -57.039766   -0.846998
-66.887445  -36.256955   -752.102466
 0.50000   -6.582227   -57.031531   -0.846998
-66.904764  -39.726324   -769.465281
 0.75000   -6.582227   -57.023688   -0.846998
-66.923452  -43.967144   -786.671756
 1.00000   -6.582227   -57.016411   -0.846998
-66.943048  -48.866668   -804.005861

 COMB DL-G3-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.929166   50.100302   11.217645
405.420442   45.495008   939.741512
 0.25000   15.929166   50.106287   11.217645
405.403523   37.517298    1049.465
 0.50000   15.929166   50.112900   11.217645
405.387279   30.403724    1159.999
 0.75000   15.929166   50.120014   11.217645
405.372150   24.058695    1272.730
 1.00000   15.929166   50.127452   11.217645
405.358579   18.394489    1386.693

 COMB DL-G3-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -19.689694  -126.408627   -3.874438
-90.714283  -72.416940   -1408.055
 0.25000  -19.689694  -126.400120   -3.874438
-90.730009  -72.389936   -1425.220
 0.50000  -19.689694  -126.391882   -3.874438
-90.747349  -73.761735   -1443.626
 0.75000  -19.689694  -126.384037   -3.874438
-90.766058  -76.801997   -1461.974
 1.00000  -19.689694  -126.376759   -3.874438
-90.785676  -81.562630   -1480.358

 COMB DL-G3-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   21.051374   72.533321   11.167248
489.708710   52.518100    1554.749
 0.25000   21.051374   72.597966   11.167248
489.525984   44.436116    1728.039
 0.50000   21.051374   72.669384   11.167248
489.350553   37.228644    1906.736
 0.75000   21.051374   72.746211   11.167248
489.187163   30.829491    2090.876
 1.00000   21.051374   72.825443   11.167248
489.040589   25.278579    2276.791

 COMB DL-G3-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -15.293523  -220.276640   -2.918674
-117.478559  -61.051098   -2015.136
 0.25000  -15.293523  -220.186767   -2.918674
-117.648407  -62.229676   -2026.930
 0.50000  -15.293523  -220.097803   -2.918674
-117.835672  -64.851332   -2038.773
 0.75000  -15.293523  -220.013574   -2.918674
-118.037730  -68.962392   -2050.689
 1.00000  -15.293523  -219.934467   -2.918674
-118.249607  -74.381516   -2062.499

 COMB DL-G3-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   32.255581   123.804267   11.993245
539.361986   83.000269    2188.379
 0.25000   32.255581   133.301433   11.993245
517.446045   75.762344    2431.710
 0.50000   32.255581   143.769450   11.993245
496.391256   69.861415    2664.105
 0.75000   32.255581   155.011648   11.993245
476.892854   64.907493    2887.217
 1.00000   32.255581   166.735510   11.993245
467.001595   61.353183    3094.975
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    505

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -20.069132  -379.022816   -6.059768
-257.187944  -70.228805   -2466.366
 0.25000  -20.069132  -365.477123   -6.059768
-278.885876  -69.731945   -2452.718
 0.50000  -20.069132  -352.333687   -6.059768
-302.990727  -70.698481   -2407.914
 0.75000  -20.069132  -339.795903   -6.059768
-329.020728  -73.105640   -2396.474
 1.00000  -20.069132  -328.142034   -6.059768
-356.187938  -76.698046   -2384.956

 COMB     DB ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   21.685536   166.445495    9.156756
461.067691   81.070602    3225.860
 0.25000   21.685536   193.213580    9.156756
432.336244   81.718877    3433.675
 0.50000   21.685536   222.366995    9.156756
419.930393   83.769977    3626.384
 0.75000   21.685536   253.322102    9.156756
419.904363   87.709824    3807.462
 1.00000   21.685536   285.109256    9.156756
419.884832   94.702081    3972.039

 COMB     DB ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.235151  -494.875978   -10.064593
-577.151757  -61.739065   -1970.549
 0.25000  -16.235151  -465.376655   -10.064593
-577.151757  -60.586855   -1870.374
 0.50000  -16.235151  -436.322756   -10.064593
-577.151757  -60.240542   -1770.212
 0.75000  -16.235151  -408.531485   -10.064593
-577.151757  -63.664180   -1670.056
 1.00000  -16.235151  -382.586562   -10.064593
-577.151757  -68.988781   -1569.909

 COMB     DL ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   32.255581   175.664652   11.993245
539.361986   90.920432    2843.813
 0.25000   32.255581   193.216211   11.993245
517.446045   93.032701    3145.525
 0.50000   32.255581   212.446077   11.993245
496.391256   96.789748    3422.103
 0.75000   32.255581   232.963934   11.993245
489.187163  102.007160    3675.957
 1.00000   32.255581   254.167447   11.993245
489.040589  109.396174    3900.268

 COMB     DL ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -34.747240  -543.923225   -13.460921
-615.897039  -90.987910   -2599.157
 0.25000  -34.747240  -518.529761   -13.460921
-612.600648  -84.355607   -2570.962
 0.50000  -34.747240  -493.702198   -13.460921
-609.304257  -79.282745   -2543.382
 0.75000  -34.747240  -469.870891   -13.460921
-606.007866  -76.801997   -2515.537
 1.00000  -34.747240  -447.570617   -13.460921
-602.711475  -81.562630   -2487.383

 COMB     CAR ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   32.255581   175.664652   11.993245
539.361986   90.920432    3225.860
 0.25000   32.255581   193.216211   11.993245
517.446045   93.032701    3433.675
 0.50000   32.255581   222.366995   11.993245
496.391256   96.789748    3626.384
 0.75000   32.255581   253.322102   11.993245
489.187163  102.007160    3807.462
 1.00000   32.255581   285.109256   11.993245
489.040589  109.396174    3972.039
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    506

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB     CAR ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -34.747240  -543.923225   -13.460921
-615.897039  -90.987910   -2599.157
 0.25000  -34.747240  -518.529761   -13.460921
-612.600648  -84.355607   -2570.962
 0.50000  -34.747240  -493.702198   -13.460921
-609.304257  -79.282745   -2543.382
 0.75000  -34.747240  -469.870891   -13.460921
-606.007866  -76.801997   -2515.537
 1.00000  -34.747240  -447.570617   -13.460921
-602.711475  -81.562630   -2487.383

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 COMB DB-G1-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.142812   146.398332    1.974433
108.736968   65.806499    2166.635
 0.25000   10.142812   168.067162    1.974433
108.736968   67.368284    2254.317
 0.50000   10.142812   191.680574    1.974433
108.736968   69.928772    2358.956
 0.75000   10.142812   216.725613    1.974433
108.736968   73.578588    2330.463
 1.00000   10.142812   241.756248    1.974433
108.736968   78.230981    2321.979

 COMB DB-G1-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.617759  -294.887119   -6.145742
-339.546371  -21.981536  -647.445957
 0.25000  -10.617759  -269.699959   -6.145742
-339.546371  -19.444563  -603.766541
 0.50000  -10.617759  -244.272513   -6.145742
-339.546371  -16.912653  -560.101098
 0.75000  -10.617759  -220.094594   -6.145742
-339.546371  -14.387742  -516.471991
 1.00000  -10.617759  -197.713703   -6.145742
-339.546371  -11.883292  -472.861839

 COMB DB-G1-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   22.059616   214.509163    4.645491
185.627103   95.398879    3496.537
 0.25000   22.059616   241.823072    4.645491
185.627103   96.266468    3599.305
 0.50000   22.059616   271.490700    4.645491
185.627103   98.784554    3676.002
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    507

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G1-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -13.266123  -425.353231   -7.946231
-461.343666  -30.061234   -1139.966
 0.25000   -13.266123  -392.984232   -7.946231
-461.343666  -27.136956   -1064.908
 0.50000   -13.266123  -361.123638   -7.946231
-461.343666  -24.234978  -989.883838
 0.75000   -13.266123  -330.786631   -7.946231
-461.343666  -21.372464  -914.904568
 1.00000   -13.266123  -302.623250   -7.946231
-461.343666  -18.552089  -839.952339

 COMB DB-G1-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.217174   208.710521    4.578811
277.238821   87.279926    3979.827
 0.25000   19.217174   233.799153    4.578811
277.238821   87.578738    4086.160
 0.50000   19.217174   261.044726    4.578811
277.238821   89.403359    4180.632
 0.75000   19.217174   289.887043    4.578811
277.238821   92.688777    4327.706
 1.00000   19.217174   319.502987    4.578811
277.238821   97.274790    4327.916

 COMB DB-G1-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -12.388057  -431.629567   -7.707749
-468.665001  -29.766437   -1484.113
 0.25000   -12.388057  -401.848526   -7.707749
-468.665001  -27.381129   -1390.269
 0.50000   -12.388057  -372.595814   -7.707749
-468.665001  -25.015138   -1296.455
 0.75000   -12.388057  -344.738517   -7.707749
-468.665001  -22.668396   -1202.679
 1.00000   -12.388057  -318.873325   -7.707749
-468.665001  -20.353785   -1108.929

 COMB DB-G1-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.855636   186.710203    6.156139
313.832380   75.255154    3738.804
 0.25000   18.855636   207.617396    6.156139
313.832380   74.735352    3847.146
 0.50000   18.855636   230.322040    6.156139
313.832380   75.631303    3940.695
 0.75000   18.855636   254.357304    6.156139
313.832380   78.164546    4023.837
 1.00000   18.855636   279.037257    6.156139
313.832380   81.827017    4095.475

 COMB DB-G1-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -16.230882  -379.549641   -8.178567
-410.331022  -50.456038   -1569.938
 0.25000   -16.230882  -354.732107   -8.178567
-410.331022  -47.924154   -1475.367
 0.50000   -16.230882  -330.354847   -8.178567
-410.331022  -46.013769   -1380.823
 0.75000   -16.230882  -307.140432   -8.178567
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-410.331022  -44.840766   -1286.322
 1.00000  -16.230882  -285.586106    -8.178567
-410.331022  -44.265343   -1191.841

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.855657   49.143293    2.391838
137.826736   21.035567    1309.055
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           508

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   11.855657   49.155567    2.391838
137.786830   19.962601    1309.213
 0.50000   11.855657   49.168770    2.391838
137.753740   19.527865    1330.159
 0.75000   11.855657   49.182643    2.391838
137.722080   19.457745    1377.155
 1.00000   11.855657   49.198334    2.391838
137.693636   19.590317    1444.577

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.415241   -89.566901   -0.981975
-143.303801   -6.872071  -558.615881
 0.25000   -2.415241   -89.551156   -0.981975
-143.333935   -6.721511  -524.175788
 0.50000   -2.415241   -89.537141   -0.981975
-143.366534   -6.598229  -489.747657
 0.75000   -2.415241   -89.523714   -0.981975
-143.401018   -6.505152  -455.323265
 1.00000   -2.415241   -89.511151   -0.981975
-143.441918   -6.446646  -420.898891

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.255490   64.032594    3.627283
259.794556   21.733987    2069.306
 0.25000   11.255490   64.048859    3.627283
259.754628   20.211412    2089.559
 0.50000   11.255490   64.058073    3.627283
259.721526   19.182368    2134.386
 0.75000   11.255490   64.071948    3.627283
259.689855   18.679938    2209.296
 1.00000   11.255490   64.087640    3.627283
259.661364   18.518563    2309.228

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.305476  -130.416702   -2.592345
-181.454648  -19.737238   -1033.553
 0.25000   -7.305476  -130.400955   -2.592345
-181.484793  -19.239913   -973.106722
 0.50000   -7.305476  -130.386939   -2.592345
-181.517404  -19.095617   -912.671486
 0.75000   -7.305476  -130.373511   -2.592345
-181.551900  -19.147891   -852.239702
 1.00000   -7.305476  -130.360946   -2.592345
-181.592815   -20.097761  -791.807937

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   16.160949   169.278871    5.023150
326.232172   66.332525    3512.047
 0.25000   16.160949   190.449856    5.023150
299.594345   65.539835    3616.818
 0.50000   16.160949   213.337280    5.023150
269.840857   65.868751    3705.853
 0.75000   16.160949   237.479468    5.023150
262.519509   67.618151    3783.625
 1.00000   16.160949   263.469922    5.023150
262.519509   70.266299    3849.665

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.081463  -364.636767   -6.304919
-311.157567  -31.862304   -1441.758
 0.25000  -13.081463  -338.528911   -6.304919
-313.729570   -30.024299   -1353.249
 0.50000  -13.081463  -314.088859   -6.304919
-344.519823   -28.503915   -1264.768
 0.75000  -13.081463  -290.749012   -6.304919
-373.092339   -27.400635   -1176.312
 1.00000  -13.081463  -268.996977   -6.304919
-399.056261   -26.627523   -1087.881
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           509

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   16.752077   153.438211    6.789474
349.000677   58.991751    3304.571
 0.25000   16.752077   171.070488    6.789474
326.828986   57.432920    3404.400
 0.50000   16.752077   190.132413    6.789474
302.063005   56.883828    3491.822
 0.75000   16.752077   210.239468    6.789474
296.030291   57.37107    3570.700
 1.00000   16.752077   231.884580    6.789474
296.030291   59.350646    3640.179

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.519303  -319.761486   -6.517443
-283.744875  -53.531089   -1524.596
 0.25000  -13.519303  -298.018573   -6.517443
-285.789118  -52.218233   -1435.938
 0.50000  -13.519303  -277.664221   -6.517443
-311.418564  -51.653792   -1347.348
 0.75000  -13.519303  -258.221595   -6.517443
-335.201671  -51.964240   -1258.797
 1.00000  -13.519303  -240.108311   -6.517443
-356.815057  -52.990262   -1170.273

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.375383   18.830394    4.245181
115.550750    9.578005   545.050723
 0.25000    6.375383   18.842674    4.245181
115.510703    7.809278   563.252582
 0.50000    6.375383   18.855884    4.245181
115.477544    6.117218   582.123791
 0.75000    6.375383   18.869765    4.245181
115.445817    4.501772   601.670267
 1.00000    6.375383   18.885467    4.245181
115.417096    2.994314   621.917338

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.353072   -22.469914   -1.446108
-39.816349   -42.776092  -485.578819
 0.25000   -5.353072   -22.454157   -1.446108
-39.846554   -43.697966  -463.991943
 0.50000   -5.353072   -22.440136   -1.446108
-39.879223   -45.326046  -442.414479
 0.75000   -5.353072   -22.426702   -1.446108
-39.913779   -47.667715  -420.919668
 1.00000   -5.353072   -22.414131   -1.446108
-39.954770   -50.661894  -399.462557

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.250173   35.246526    6.723587
221.479021   12.906527    1149.750
 0.25000    9.250173   35.258800    6.723587
221.439116   10.351391    1185.066
 0.50000    9.250173   35.272003    6.723587
221.406025    8.004719    1223.530
 0.75000    9.250173   35.285876    6.723587
221.374366    6.042693    1265.047
 1.00000    9.250173   35.301567    6.723587
221.345921    4.315894    1309.773

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.327727   -54.013372   -3.767020
-67.556909   -68.207690  -896.753370
 0.25000  -14.327727   -53.997627   -3.767020
-67.587043   -67.958379  -853.565358
 0.50000  -14.327727   -53.983613   -3.767020
-67.619641   -69.253334  -810.411811
 0.75000  -14.327727   -53.970186   -3.767020
-67.654126   -72.155441  -767.332675
 1.00000  -14.327727   -53.957822   -3.767020
-67.695025   -76.364931  -724.287845
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           510

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.236748   55.301588    6.466558
312.893112   18.502071    2002.150
 0.25000   11.236748   55.312635    6.466558
312.857176   15.718022    2045.937
 0.50000   11.236748   55.324519    6.466558
312.827384   13.294313    2103.574
 0.75000   11.236748   55.337006    6.466558
312.798881   11.306362    2174.751
 1.00000   11.236748   55.351129    6.466558
312.773239    9.654948    2259.759

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.366522  -107.353085   -3.336618
-149.320744   -58.920323   -1275.670
 0.25000  -10.366522  -107.338913   -3.336618
-149.347875   -59.400938   -1208.723
 0.50000  -10.366522  -107.326299   -3.336618
-149.377224   -60.924840   -1141.810
 0.75000  -10.366522  -107.314213   -3.336618
-149.408271   -63.605403   -1074.964
 1.00000  -10.366522  -107.302905   -3.336618
-149.445094   -67.288067   -1008.148

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.352611   125.903087    7.494860
401.647662   48.579994    2946.265
 0.25000   18.352611   138.361084    7.494860
367.553856   46.185588    3027.363
 0.50000   18.352611   151.795225    7.494860
340.605090   44.545235    3105.211
 0.75000   18.352611   165.937778    7.494860
321.246395   43.972546    3184.328
 1.00000   18.352611   181.556713    7.494860
310.966564   44.024900    3262.736

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.987666  -258.194204   -5.257286
-234.768510   -58.186501   -1484.825
 0.25000  -12.987666  -242.513310   -5.257286
-259.008089   -57.857466   -1401.413
 0.50000  -12.987666  -228.212199   -5.257286
-281.580840   -58.399513   -1318.049
 0.75000  -12.987666  -214.531698   -5.257286
-310.949234   -59.900837   -1234.754
 1.00000  -12.987666  -201.755965   -5.257286
-345.888474   -62.265791   -1151.500

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.150791   134.474670    2.073212
128.664478   69.585404    2008.893
 0.25000   13.150791   151.292125    2.073212
130.086624   72.965165    2119.252
 0.50000   13.150791   169.663732    2.073212
130.565355   76.993881    2196.977
 0.75000   13.150791   189.043842    2.073212
130.565355   81.776602    2241.195
 1.00000   13.150791   208.940887    2.073212
130.565355   87.165660    2252.774

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -29.478489  -281.974648   -8.013378
-367.937140   -35.239228   -1007.715
 0.25000  -29.478489  -260.308631   -8.013378
-360.855002   -32.052639   -992.626701
 0.50000  -29.478489  -239.034377   -8.013378
-352.829449   -28.898685   -978.084057
 0.75000  -29.478489  -218.700465   -8.013378
-344.325235   -25.752647   -963.225739
 1.00000  -29.478489  -199.808325   -8.013378
-335.820951   -22.628000   -948.368394
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           511

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   32.623028   208.845542    5.015286
222.873464   109.402683    3291.947
 0.25000   32.623028   229.415574    5.015286
222.881017   111.950149    3439.508
 0.50000   32.623028   251.895835    5.015286
222.881017   115.212831    3557.761
 0.75000   32.623028   275.649388    5.015286
222.881017   119.391164    3652.450
 1.00000   32.623028   300.040070    5.015286
222.881017   124.372435    3716.107

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -33.168956  -422.662890   -9.895372
-480.982964   -48.184565   -1780.056
 0.25000  -33.168956  -396.147552   -9.895372
-477.694698   -44.828460   -1756.212
 0.50000  -33.168956  -370.175851   -9.895372
-474.398671   -41.538435   -1732.916
 0.75000  -33.168956  -345.394808   -9.895372
-471.102643   -38.330415   -1709.173
 1.00000  -33.168956  -322.393021   -9.895372
-467.806616   -35.234593   -1685.446

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   29.342058   218.774593    5.124331
311.150927   99.354933    3901.056
 0.25000   29.342058   237.678087    5.124331
311.150927   101.298421    4075.402
 0.50000   29.342058   258.340080    5.124331
311.150927   104.067215    4223.352
 0.75000   29.342058   280.176032    5.124331
311.150927   107.774549    4348.120
 1.00000   29.342058   302.611521    5.124331
311.150927   112.316516    4445.586

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -31.254340  -454.288172   -9.553159
-474.000429   -52.398496   -2356.987
 0.25000  -31.254340  -429.917108   -9.553159
-471.633101   -49.366400   -2331.207
 0.50000  -31.254340  -406.051687   -9.553159
-469.265932   -46.514830   -2305.827
 0.75000  -31.254340  -383.284474   -9.553159
-466.898763   -43.864175   -2280.077
 1.00000  -31.254340  -362.155845   -9.553159
-464.531595   -41.423603   -2254.278

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   29.049334   200.444531    6.961457
355.161077   87.384753    3754.856
 0.25000   29.049334   216.201453    6.961457
355.161077   87.770363    3923.740
 0.50000   29.049334   233.424164    6.961457
355.161077   89.070172    4070.668
 0.75000   29.049334   251.625423    6.961457
355.161077   91.438123    4198.284
 1.00000   29.049334   270.326424    6.961457
355.161077   94.902319    4303.647

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -35.465280  -414.920266   -9.896913
-420.124502   -73.719839   -2487.577
 0.25000  -35.465280  -394.605876   -9.896913
-418.151226   -70.677092   -2466.889
 0.50000  -35.465280  -374.712962   -9.896913
-416.178083   -68.150687   -2446.546
 0.75000  -35.465280  -355.735454   -9.896913
-414.204940   -66.256762   -2425.901
 1.00000  -35.465280  -338.123781   -9.896913
-412.231798   -65.185370   -2405.231
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           512

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   20.660032   61.972320    2.755688
136.305202   32.310262    1313.693
 0.25000   20.660032   61.978690    2.755688
136.287727   30.672244    1345.201
 0.50000   20.660032   61.985700    2.755688
136.271004   29.338296    1388.122
 0.75000   20.660032   61.993165    2.755688
136.255464   28.201498    1447.415
 1.00000   20.660032   62.000926    2.755688
136.241572   27.278120    1514.677

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.852088  -115.112651   -1.098853
-123.564379   -12.286315  -873.716025
 0.25000   -3.852088  -115.104373   -1.098853
-123.579603   -12.213835  -865.314849
 0.50000   -3.852088  -115.096365   -1.098853
-123.596489   -12.208600  -856.970382
 0.75000   -3.852088  -115.088794   -1.098853
-123.614601   -12.293624  -848.556827
 1.00000   -3.852088  -115.081824   -1.098853
-123.633484   -12.512583  -840.098368

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.899766   91.041754    3.960183
262.974082   29.860728    2198.110
 0.25000   18.899766   91.048123    3.960183
262.956607   27.956639    2269.595
 0.50000   18.899766   91.055133    3.960183
262.939884   26.415647    2352.498
 0.75000   18.899766   91.062599    3.960183
262.924344   25.324114    2450.258
 1.00000   18.899766   91.070360    3.960183
262.910452   24.560717    2558.105

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.041395  -182.377111   -2.804007
-158.578307   -32.170280   -1606.240
 0.25000  -11.041395  -182.368832   -2.804007
-158.593530   -31.349058   -1637.047
 0.50000  -11.041395  -182.360825   -2.804007
-158.610416   -30.961618   -1625.726
 0.75000  -11.041395  -182.353254   -2.804007
-158.628529   -31.071542   -1614.449
 1.00000  -11.041395  -182.346284   -2.804007
-158.647411   -31.579592   -1603.107

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   27.049059   184.818412    5.444789
353.860526   78.715263    3512.180
 0.25000   27.049059   201.552312    5.444789
325.588783   78.848650    3676.114
 0.50000   27.049059   219.904380    5.444789
298.266587   79.577370    3816.317
 0.75000   27.049059   239.371710    5.444789
278.185304   80.963144    3934.087
 1.00000   27.049059   259.502623    5.444789
277.988259   82.806040    4026.723

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -23.584550  -398.714804   -7.261715
-299.523489   -50.643677   -2281.777
 0.25000  -23.584550  -377.061735   -7.261715
-307.900256   -48.585833   -2260.287
 0.50000  -23.584550  -355.985178   -7.261715
-338.411227   -46.845755   -2239.146
 0.75000  -23.584550  -335.969702   -7.261715
-371.321232   -45.554577   -2217.666
 1.00000  -23.584550  -317.474538   -7.261715
-404.761913   -44.630696   -2196.222
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           513

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   28.586901   171.871412    7.855852
391.496158   72.011206    3394.275
 0.25000   28.586901   185.807589    7.855852
367.951138   70.471275    3552.920
 0.50000   28.586901   201.091394    7.855852
345.196912   69.612157    3691.782
 0.75000   28.586901   217.309164    7.855852
328.472998   69.425322    3812.018
 1.00000   28.586901   234.069247    7.855852
328.308896   70.169810    3911.631

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -24.911151  -364.834282   -7.444747
-279.259547   -73.186074   -2429.087
 0.25000  -24.911151  -346.801367   -7.444747
-286.235812   -71.980047   -2413.542
 0.50000  -24.911151  -329.248578   -7.444747
-311.645685   -71.390549   -2398.272
 0.75000  -24.911151  -312.579469   -7.444747
-339.053500   -71.457144   -2382.773
 1.00000  -24.911151  -297.176492   -7.444747
-366.903268   -72.469346   -2367.287

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.760365   27.277009    5.870654
147.583884   14.702835   680.867051
 0.25000   12.760365   27.283375    5.870654
147.566469   11.571166   712.614992
 0.50000   12.760365   27.290380    5.870654
147.549803    8.679048   744.369280
 0.75000   12.760365   27.297844    5.870654
147.534315    5.852420   776.359217
 1.00000   12.760365   27.305595    5.870654
147.520473    3.387441   808.582776

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.256607   -47.009381   -1.816784
-49.590397   -49.237222  -803.682338
 0.25000   -7.256607   -47.001107   -1.816784
-49.605575   -50.787507  -808.179972
 0.50000   -7.256607   -46.993105   -1.816784
-49.622412   -52.827223  -812.684648
 0.75000   -7.256607   -46.985539   -1.816784
-49.640473   -55.248634  -817.247616
 1.00000   -7.256607   -46.978573   -1.816784
-49.659300   -58.261111  -821.623688

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   16.690773   51.970039    8.522737
265.798353   19.905498    1385.083
 0.25000   16.690773   51.976406    8.522737
265.780912   15.643249    1448.110
 0.50000   16.690773   51.983413    8.522737
265.764222   11.852839    1511.559
 0.75000   16.690773   51.990876    8.522737
265.748712    8.477592    1575.696
 1.00000   16.690773   51.998633    8.522737
265.734848    5.663093    1641.412

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.627929  -100.066559   -4.513818
-81.451182   -82.315307   -1479.930
 0.25000  -20.627929  -100.058283   -4.513818
-81.466379   -82.380035   -1478.566
 0.50000  -20.627929  -100.050278   -4.513818
-81.483237   -83.342168   -1479.506
 0.75000  -20.627929  -100.042710   -4.513818
-81.501320   -85.506415   -1480.564
 1.00000  -20.627929  -100.035743   -4.513818
-81.520171   -88.804035   -1481.620
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                  >
                                           514

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.590586   85.163315    8.220365
346.943660   27.470057    2275.041
 0.25000   21.590586   85.232079    8.220365
346.755297   23.207955    2368.066
 0.50000   21.590586   85.307760    8.220365
346.575045   19.150833    2477.581
 0.75000   21.590586   85.388354    8.220365
346.407536   16.087913    2568.538
 1.00000   21.590586   85.472133    8.220365
346.257812   13.346624    2675.149

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.232266  -172.895004   -3.820160
-142.325664   -75.351851   -2062.157
 0.25000  -16.232266  -172.805626   -3.820160
-142.489795   -76.209768   -2059.464
 0.50000  -16.232266  -172.719173   -3.820160
-142.671860   -77.847289   -2056.598
 0.75000  -16.232266  -172.637438   -3.820160
-142.867158   -80.264489   -2053.995
 1.00000  -16.232266  -172.562191   -3.820160
-143.070746   -83.661709   -2051.374

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   32.751440   148.942298    9.109675
431.468209   63.325224    3094.005
 0.25000   32.751440   159.069614    9.109675
408.513374   59.972478    3233.454
 0.50000   32.751440   170.195680    9.109675
386.480697   57.236385    3361.091
 0.75000   32.751440   182.024286    9.109675
366.110157   54.967731    3478.539
 1.00000   32.751440   194.289778    9.109675
348.127122   53.398013    3582.965

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -21.101718  -312.325231   -6.012360
-242.751246   -77.297626   -2384.798
 0.25000  -21.101718  -299.187109   -6.012360
-263.427924   -77.330111   -2367.294
 0.50000  -21.101718  -286.445795   -6.012360
-286.427859   -78.060181   -2356.461
 0.75000  -21.101718  -274.378547   -6.012360
-311.195452   -79.501967   -2345.607
 1.00000  -21.101718  -263.246428   -6.012360
-336.935541   -81.819770   -2334.756

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   22.059616   214.509163    7.494860
401.647662   95.398879    3972.827
 0.25000   22.059616   241.823072    7.494860
367.553856   96.266468    4086.160
 0.50000   22.059616   271.490700    7.494860
340.605090   98.784554    4180.632
 0.75000   22.059616   302.902050    7.494860
321.246395   102.831968   4261.706
 1.00000   22.059616   335.089898    7.494860
313.832380   108.284443   4327.916
```

```
  COMB       DB ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -16.230882 -431.629567    -8.178567
-468.665001   -68.207690   -1569.938
 0.25000   -16.230882 -401.848526    -8.178567
-468.665001   -67.958379   -1475.367
 0.50000   -16.230882 -372.595814    -8.178567
-468.665001   -69.253334   -1380.823
 0.75000   -16.230882 -344.738516    -8.178567
-468.665001   -72.155441   -1286.322
 1.00000   -16.230882 -318.873325    -8.178567
-468.665001   -76.364931   -1191.841
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 515

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB       DL ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   32.751440  218.774593     9.109675
431.468209  109.402683    3901.056
 0.25000   32.751440  237.679087     9.109675
408.513374  111.950149    4075.402
 0.50000   32.751440  258.340080     9.109675
386.480697  115.212831    4223.352
 0.75000   32.751440  280.176032     9.109675
366.110157  119.391164    4348.120
 1.00000   32.751440  302.611521     9.109675
355.161077  124.372435    4445.586

  COMB       DL ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -35.465280 -454.288172    -9.896913
-480.982964   -82.315307   -2487.577
 0.25000  -35.465280 -429.917108    -9.896913
-477.694698   -82.380035   -2466.889
 0.50000  -35.465280 -406.051687    -9.896913
-474.398671   -83.342168   -2446.546
 0.75000  -35.465280 -383.284474    -9.896913
-471.102643   -85.506415   -2425.901
 1.00000  -35.465280 -362.155845    -9.896913
-467.806616   -88.800435   -2405.231

  COMB      CAR ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   32.751440  218.774593     9.109675
431.468209  109.402683    3972.827
 0.25000   32.751440  241.823072     9.109675
408.513374  111.950149    4086.160
 0.50000   32.751440  271.490700     9.109675
386.480697  115.212831    4223.352
 0.75000   32.751440  302.902050     9.109675
366.110157  119.391164    4348.120
 1.00000   32.751440  335.089898     9.109675
355.161077  124.372435    4445.586

  COMB      CAR ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -35.465280 -454.288172    -9.896913
-480.982964   -82.315307   -2487.577
 0.25000  -35.465280 -429.917108    -9.896913
-477.694698   -82.380035   -2466.889
 0.50000  -35.465280 -406.051687    -9.896913
-474.398671   -83.342168   -2446.546
 0.75000  -35.465280 -383.284474    -9.896913
-471.102643   -85.506415   -2425.901
 1.00000  -35.465280 -362.155845    -9.896913
-468.665001   -88.800435   -2405.231

  COMB  DESIGN ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   32.751440  218.774593     9.109675
431.468209  109.402683    3972.827
 0.25000   32.751440  241.823072     9.109675
408.513374  111.950149    4086.160
 0.50000   32.751440  271.490700     9.109675
386.480697  115.212831    4223.352
 0.75000   32.751440  302.902050     9.109675
366.110157  119.391164    4348.120
 1.00000   32.751440  335.089898     9.109675
355.161077  124.372435    4445.586

  COMB  DESIGN ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -35.465280 -454.288172    -9.896913
-480.982964   -82.315307   -2487.577
 0.25000  -35.465280 -429.917108    -9.896913
-477.694698   -82.380035   -2466.889
 0.50000  -35.465280 -406.051687    -9.896913
-474.398671   -83.342168   -2446.546
 0.75000  -35.465280 -383.284474    -9.896913
-471.102643   -85.506415   -2425.901
 1.00000  -35.465280 -362.155845    -9.896913
-468.665001   -88.800435   -2405.231
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 516

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  ELEM       17 ================== LENGTH
=     4.987729

  COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   10.552410  172.833137     4.148883
221.680111   78.249790    2322.579
 0.25000   10.552410  195.000270     4.148883
221.680111   76.656542    2367.349
 0.50000   10.552410  219.063852     4.148883
221.680111   76.012476    2379.248
 0.75000   10.552410  244.490181     4.148883
221.680111   76.647862    2363.688
 1.00000   10.552410  269.801182     4.148883
221.680111   78.229449    2314.011

  COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -10.545088 -266.767295    -4.177777
-222.858646   -11.975385   -472.723544
 0.25000  -10.545088 -241.466201    -4.177777
-222.858646   -10.401402   -433.970887
 0.50000  -10.545088 -216.067436    -4.177777
-222.858646    -8.834701   -395.218231
 0.75000  -10.545088 -192.044546    -4.177777
-222.858646    -8.326777   -372.525827
 1.00000  -10.545088 -169.932709    -4.177777
-222.858646    -9.756514   -404.934062

  COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   22.432176  260.240006     5.902613
321.582123  108.458513    3772.445
 0.25000   22.432176  288.141258     5.902613
321.582123  106.206714    3800.770
 0.50000   22.432176  318.339309     5.902613
321.582123  105.337936    3801.754
 0.75000   22.432176  350.196222     5.902613
321.582123  106.065402    3793.594
 1.00000   22.432176  382.710818     5.902613
321.582123  108.173046    3756.500

  COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.511222 -377.402983    -5.864289
-323.201357   -18.559722   -839.762414
 0.25000  -13.511222 -344.901707    -5.864289
-323.201357   -16.497550   -771.948188
 0.50000  -13.511222 -313.076262    -5.864289
-323.201357   -14.457738   -704.133962
 0.75000  -13.511222 -282.927382    -5.864289
-323.201357   -13.378166   -662.507930
 1.00000  -13.511222 -255.092825    -5.864289
-323.201357   -14.697533   -719.144031

  COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   19.543381  266.361943     6.053822
375.098253   97.771047    4328.361
 0.25000   19.543381  291.987128     6.053822
375.098253   95.010381    4344.903
 0.50000   19.543381  319.717163     6.053822
375.098253   94.146290    4342.356
 0.75000   19.543381  348.966249     6.053822
375.098253   95.223044    4334.820
 1.00000   19.543381  378.880333     6.053822
375.098253   97.678525    4306.500

  COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.853522 -372.007704    -5.867215
-376.848399   -20.270461   -1108.779
 0.25000  -12.853522 -342.105800    -5.867215
-376.848399   -18.320057   -1021.341
 0.50000  -12.853522 -312.885500    -5.867215
-376.848399   -16.375910   -933.902492
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 517

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
     T          M2          M3
 0.75000  -12.853522 -285.200472    -5.867215
-376.848399   -15.272007   -874.902122
 1.00000  -12.853522 -259.636325    -5.867215
-376.848399   -16.348388   -947.539107

  COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   19.352493  234.652481     6.996182
351.949840   82.724083    4095.702
 0.25000   19.352493  256.006801     6.996182
351.949840   80.280206    4107.267
 0.50000   19.352493  279.115164     6.996182
351.949840   79.406593    4103.481
 0.75000   19.352493  303.489402     6.996182
351.949840   80.152275    4096.366
 1.00000   19.352493  328.417806     6.996182
351.949840   82.180737    4072.217

  COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.553730 -324.854538    -6.711524
-353.618653   -44.061349   -1191.781
 0.25000  -16.553730 -299.932284    -6.711524
-353.618653   -41.695466   -1100.289
 0.50000  -16.553730 -275.586034    -6.711524
-353.618653   -39.879136   -1008.797
 0.75000  -16.553730 -252.515177    -6.711524
-353.618653   -39.397468   -941.231629
 1.00000  -16.553730 -231.211722    -6.711524
-353.618653   -41.271625   -1015.895

  COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.744311   70.509112     1.247486
144.870499   19.788931    1444.570
 0.25000   11.744311   70.521577     1.247486
144.829817   19.455258    1410.334
 0.50000   11.744311   70.534950     1.247486
144.795586   19.301364    1393.522
 0.75000   11.744311   70.548962     1.247486
144.763235   19.294933    1401.981
 1.00000   11.744311   70.564750     1.247486
144.733797   19.460395    1435.716

  COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -2.411568  -68.053959    -1.173845
-145.149947    -6.323503   -420.868395
 0.25000   -2.411568  -68.038175    -1.173845
-145.179431    -5.963825   -388.154889
 0.50000   -2.411568  -68.024175    -1.173845
-145.211788    -5.614392   -355.441384
 0.75000   -2.411568  -68.010819    -1.173845
-145.246023    -5.276663   -332.484963
 1.00000   -2.411568  -67.998379    -1.173845
-145.286708    -4.961133   -359.621937

  COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.240237   97.139205     2.853443
226.490435   19.229150    2309.095
 0.25000   11.240237   97.151671     2.853443
226.449738   18.063760    2265.179
 0.50000   11.240237   97.165046     2.853443
226.415495   17.765005    2204.922
 0.75000   11.240237   97.179058     2.853443
226.383133   18.213484    2257.176
 1.00000   11.240237   97.194849     2.853443
226.353678   18.996705    2292.613

  COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.443404  -93.540844    -2.566463
-227.083269   -19.861541   -791.824971
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 518

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
     T          M2          M3
 0.25000   -7.443404  -93.525058    -2.566463
-227.112771   -19.013104   -732.005394
 0.50000   -7.443404  -93.511057    -2.566463
-227.145139   -18.489868   -672.185817
 0.75000   -7.443404  -93.497700    -2.566463
-227.179387   -18.334383   -625.169222
 1.00000   -7.443404  -93.485259    -2.566463
-227.220086   -18.510076   -674.387993

  COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   16.440951  219.761739     5.416832
364.623099   70.967854    3849.707
 0.25000   16.440951  241.326740     5.416832
338.800959   68.793806    3862.819
 0.50000   16.440951  264.567707     5.416832
310.230522   68.030712    3859.679
 0.75000   16.440951  289.002439     5.416832
279.442823   68.881120    3852.662
 1.00000   16.440951  315.204959     5.416832
277.263136   70.676282    3828.052

  COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.459665 -309.475169    -5.149905
-278.661679   -26.434592   -1087.801
 0.25000  -13.459665 -283.281898    -5.149905
-280.908135   -24.678430   -1003.442
 0.50000  -13.459665 -258.868930    -5.149905
-311.699812   -23.215669   -919.082587
 0.75000  -13.459665 -235.662823    -5.149905
-340.266142   -22.224735   -858.630588
 1.00000  -13.459665 -214.145092    -5.149905
-366.084948   -23.257958   -928.465337

  COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.089119  194.511072     6.449852
334.250255   60.268051    3640.059
 0.25000   17.089119  212.471567     6.449852
312.754877   58.253087    3648.754
 0.50000   17.089119  231.828000     6.449852
288.973404   57.429896    3644.585
 0.75000   17.089119  252.178755     6.449852
263.346006   58.269778    3637.853
 1.00000   17.089119  274.000528     6.449852
261.628916   60.274952    3616.776

  COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.086638 -272.246988    -6.095309
-262.972486   -52.665313   -1170.284
 0.25000  -14.086638 -250.435329    -6.095309
-264.745175   -50.634945   -1082.127
 0.50000  -14.086638 -230.102703    -6.095309
-290.375888   -49.283014   -993.970710
 0.75000  -14.086638 -210.775306    -6.095309
-314.153942   -48.824742   -925.017286
 1.00000  -14.086638 -192.854184    -6.095309
-335.646543   -50.478249   -996.352852

  COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    6.304815   17.353578     2.936655
42.700533    3.082990   621.680273
 0.25000    6.304815   17.366050     2.936655
42.659760    2.216858   618.597560
 0.50000    6.304815   17.379430     2.936655
42.625457    1.800895   616.322192
 0.75000    6.304815   17.393448     2.936655
42.593037    2.820086   614.748692
 1.00000    6.304815   17.409249     2.936655
42.563496    3.907843   613.715447
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 519

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -5.705722  -21.640206    -2.727923
-42.789010   -50.388438   -399.588738
 0.25000   -5.705722  -21.624410    -2.727923
-42.818597   -49.531316   -372.922194
 0.50000   -5.705722  -21.610403    -2.727923
-42.851024   -49.346058   -346.255650
 0.75000   -5.705722  -21.597041    -2.727923
-42.885331   -49.884199   -319.675190
 1.00000   -5.705722  -21.584594    -2.727923
-42.926106   -51.090715   -337.192680

  COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    9.338346   37.649842     5.164242
105.264735   14.713444   1304.397
 0.25000    9.338346   37.662307     5.164242
105.224053    3.720596   1301.198
 0.50000    9.338346   37.675681     5.164242
105.189821    3.241931   1295.338
 0.75000    9.338346   37.689692     5.164242
105.157471    4.271568   1294.144
 1.00000    9.338346   37.705480     5.164242
105.128033    5.535102   1294.894

  COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.648647  -42.459238    -4.806226
-105.629419   -75.951467   -724.472107
 0.25000  -14.648647  -42.443454    -4.806226
-105.658903   -74.195717   -674.531132
 0.50000  -14.648647  -42.429453    -4.806226
-105.691260   -73.738546   -624.590158
 0.75000  -14.648647  -42.416098    -4.806226
-105.725495   -74.804009   -576.195578
 1.00000  -14.648647  -42.403658    -4.806226
-105.766179   -77.155967   -612.318300

  COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.185621   77.289815     5.000709
200.434599   10.294013    2259.381
 0.25000   11.185621   77.301034     5.000709
200.397972    8.656898    2233.667
 0.50000   11.185621   77.313072     5.000709
200.367153    8.155395    2221.028
 0.75000   11.185621   77.325683     5.000709
200.338027    9.474491    2223.594
 1.00000   11.185621   77.339894     5.000709
200.311518   11.058983    2238.736

  COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -10.843473  -79.323645    -4.554563
-201.068407   -66.829958   -1008.308
 0.25000  -10.843473  -79.309437    -4.554563
-201.094958   -65.372220   -936.096490
 0.50000  -10.843473  -79.296836    -4.554563
-201.124090   -64.806884   -863.884798
 0.75000  -10.843473  -79.284815    -4.554563
-201.154912   -65.358624   -799.988177
 1.00000  -10.843473  -79.273618    -4.554563
-201.191542   -66.877060   -855.000411

  COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   18.230276  161.178533     6.155658
346.791639   44.648221    2262.443
 0.25000   18.230276  173.840258     6.155658
312.225893   42.570417    3257.548
 0.50000   18.230276  187.473432     6.155658
282.811395   41.778728    3249.051
 0.75000   18.230276  201.771589     6.155658
259.589692   43.169441    3246.588
 1.00000   18.230276  217.502453     6.155658
235.408089   45.135462    3239.296
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 520

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.534603 -217.130267    -5.749272
-236.579538   -61.852063   -1151.569
 0.25000  -13.534603 -201.404513    -5.749272
-260.757800   -59.986915   -1066.342
 0.50000  -13.534603 -187.118334    -5.749272
-263.951584   -58.948948   -981.114320
 0.75000  -13.534603 -173.513658    -5.749272
-313.369836   -58.801101   -912.495946
 1.00000  -13.534603 -160.869378    -5.749272
-347.983030   -60.261530   -979.285711

  COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.664756  160.219804     4.755469
223.352056   86.288264    2253.307
 0.25000   13.664756  178.252962     4.755469
229.046534   85.526509    2308.870
 0.50000   13.664756  197.713484     4.755469
233.788391   85.418181    2331.377
 0.75000   13.664756  218.157976     4.755469
237.506717   86.069274    2320.206
 1.00000   13.664756  239.057773     4.755469
240.272580   87.375799    2276.048

  COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -29.700822 -246.715344    -5.159352
-247.677186   -22.079849   -948.473011
 0.25000  -29.700822 -225.880053    -5.159352
-244.666295   -21.278452   -941.980959
 0.50000  -29.700822 -205.521694    -5.159352
-241.102835   -20.484452   -935.889408
 0.75000  -29.700822 -186.188193    -5.159352
-236.315740   -20.093154   -929.538406
 1.00000  -29.700822 -168.320792    -5.159352
-230.576234   -20.414456   -923.087177

  COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   33.096186  254.029252     6.725893
335.279010  123.594517    3716.717
 0.25000   33.096186  276.028256     6.725893
338.575458  122.633303    3768.808
 0.50000   33.096186  299.782933     6.725893
341.049417  122.437083    3791.106
 0.75000   33.096186  324.741982     6.725893
341.822509  123.167430    3788.783
 1.00000   33.096186  350.399536     6.725893
341.822509  124.701481    3756.779

  COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -33.632520 -363.823522    -7.245317
-352.023892   -34.327451   -1685.606
 0.25000  -33.632520 -338.275897    -7.245317
-352.023892   -33.069705   -1674.546
 0.50000  -33.632520 -313.376329    -7.245317
-351.201464   -31.919987   -1663.819
 0.75000  -33.632520 -289.775790    -7.245317
-348.678048   -31.209507   -1652.871
 1.00000  -33.632520 -267.976355    -7.245317
-345.381600   -31.471060   -1641.723

  COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   29.786038  275.731030     6.709505
377.714266  112.117724    4445.985
 0.25000   29.786038  295.942346     6.709505
380.081736  110.707479    4498.441
 0.50000   29.786038  317.770281     6.709505
381.995987  110.330617    4523.501
 0.75000   29.786038  340.708942     6.709505
382.414938  111.048990    4525.135
 1.00000   29.786038  364.294597     6.709505
382.414938  112.636463    4499.448
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 521

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -31.821753 -382.122886    -7.195379
-391.661738   -40.844017   -2254.408
 0.25000  -31.821753 -358.647460    -7.195379
-391.661738   -39.277954   -2239.972
 0.50000  -31.821753 -335.752833    -7.195379
-391.208560   -37.910830   -2225.828
 0.75000  -31.821753 -314.066508    -7.195379
-389.260000   -37.059662   -2211.509
 1.00000  -31.821753 -294.038326    -7.195379
-386.892530   -37.573283   -2196.989

  COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   29.701801  251.779359     7.676963
364.076832   95.241543    4303.672
 0.25000   29.701801  268.626410     7.676963
366.050226   93.816200    4350.520
 0.50000   29.701801  286.820987     7.676963
367.645841   93.339185    4374.605
 0.75000   29.701801  305.941404     7.676963
367.995056   93.858431    4379.151
 1.00000   29.701801  325.601120     7.676963
367.995056   95.475030    4360.992

  COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -36.110237 -345.668378    -8.022713
-373.551872   -65.047434   -2405.283
 0.25000  -36.110237 -326.092162    -8.022713
-373.551872   -63.209340   -2390.187
 0.50000  -36.110237 -307.016830    -8.022713
-373.174128   -61.863045   -2375.340
 0.75000  -36.110237 -288.440259    -8.022713
-371.549914   -61.325580   -2360.345
 1.00000  -36.110237 -272.245891    -8.022713
-369.576520   -62.389587   -2345.169

  COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   20.504148   83.517970     1.412683
135.311626   27.632035    1514.660
 0.25000   20.504148   83.524671     1.412683
135.293510   27.318770    1500.781
 0.50000   20.504148   83.532005     1.412683
135.276137   27.135328    1498.043
 0.75000   20.504148   83.539760     1.412683
135.259987   27.122476    1510.662
 1.00000   20.504148   83.547829     1.412683
135.245462   27.285114    1534.369

  COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -3.925049  -90.097808    -1.509643
-137.351425   -12.321186   -840.137994
 0.25000   -3.925049  -90.089781    -1.509643
-137.365958   -11.855440   -835.016719
 0.50000   -3.925049  -90.082039    -1.509643
-137.382137   -11.488388   -829.759874
 0.75000   -3.925049  -90.074761    -1.509643
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-137.399501  -11.200434 -824.567669
  1.00000    -3.925049  -90.068084    -1.509643
-137.417627  -11.036224 -819.332872

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   18.919146  126.113218    2.865848
211.964968   25.443425    2557.872
  0.25000   18.919146  126.119918    2.865848
211.946852   24.505285    2549.449
  0.50000   18.919146  126.127253    2.865848
211.929479   24.129152    2551.420
  0.75000   18.919146  126.135008    2.865848
211.913328   24.187496    2568.419
  1.00000   18.919146  126.143077    2.865848
211.898804   24.701012    2595.840
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 522

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -11.287015 -138.806478   -2.941093
-213.120058  -31.802116   -1603.107
  0.25000  -11.287015 -138.798451   -2.941093
-213.134591  -30.647185   -1593.325
  0.50000  -11.287015 -138.790710   -2.941093
-213.150771  -29.886167   -1583.489
  0.75000  -11.287015 -138.783431   -2.941093
-213.168134  -29.541688   -1573.704
  1.00000  -11.287015 -138.776755   -2.941093
-213.186260  -29.692985   -1563.880

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   27.407278  236.261095    5.746170
367.979490   83.152321    4026.828
  0.25000   27.407278  253.990823    5.746170
336.942586   82.147671    4076.066
  0.50000   27.407278  273.300682    5.746170
306.939600   81.839192    4100.333
  0.75000   27.407278  293.637978    5.746170
279.243558   82.168410    4102.096
  1.00000   27.407278  314.675058    5.746170
273.148834   83.105812    4078.904

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -24.142797 -332.038538   -6.072050
-279.245720  -44.338673   -2196.302
  0.25000  -24.142797 -311.089815   -6.072050
-285.489682  -42.771029   -2182.565
  0.50000  -24.142797 -290.795812   -6.072050
-313.086572  -41.557958   -2168.863
  0.75000  -24.142797 -271.637597   -6.072050
-343.173470  -40.779720   -2155.096
  1.00000  -24.142797 -254.000250   -6.072050
-374.230163  -41.078509   -2141.219

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   29.140644  217.268844    6.980470
353.346923   71.038769    3911.496
  0.25000   29.140644  232.334356    6.980470
327.499046   69.844994    3955.498
  0.50000   29.140644  248.115820    6.980470
302.512229   69.367612    3978.948
  0.75000   29.140644  265.052944    6.980470
279.446659   69.814507    3983.661
  1.00000   29.140644  282.572856    6.980470
274.370906   71.222355    3967.650

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -25.729437 -302.734615   -7.146710
-276.439848  -72.544758   -2367.284
  0.25000  -25.729437 -285.288287   -7.146710
-281.572431  -70.790681   -2352.864
  0.50000  -25.729437 -268.387218   -7.146710
-304.622883  -69.647614   -2338.363
  0.75000  -25.729437 -252.432045   -7.146710
-329.679583  -69.317194   -2323.856
  1.00000  -25.729437 -237.743468   -7.146710
-355.543940  -70.402958   -2309.264

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   13.075119   30.427759    3.577042
 70.558426    4.268654   808.233406
  0.25000   13.075119   30.434456    3.577042
 70.540367    3.267724   812.809843
  0.50000   13.075119   30.441786    3.577042
 70.523054    2.855786   817.743375
  0.75000   13.075119   30.449535    3.577042
 70.506948    3.584422   822.675886
  1.00000   13.075119   30.457598    3.577042
 70.492472    4.827129   827.698772
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 523

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -7.824228  -38.867436   -3.374970
-65.242133  -58.759622  -821.513433
  0.25000   -7.824228  -38.859414   -3.374970
-65.256618  -57.852087  -816.670823
  0.50000   -7.824228  -38.851679   -3.374970
-65.272746  -57.651468  -811.828419
  0.75000   -7.824228  -38.844405   -3.374970
-65.290056  -58.406057  -807.289172
  1.00000   -7.824228  -38.837732   -3.374970
-65.308125  -59.915770  -802.883612

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   17.278112   63.214377    5.951694
138.848001   6.955851    1640.835
  0.25000   17.278112   63.221075    5.951694
138.829918   5.595814    1648.874
  0.50000   17.278112   63.228407    5.951694
138.812581   5.032416    1657.643
  0.75000   17.278112   63.236159    5.951694
138.796454   5.768651    1666.711
  1.00000   17.278112   63.244224    5.951694
138.781957   7.441598    1676.137

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -21.357291  -77.307344   -5.727889
-132.010186  -89.711240   -1481.465
  0.25000  -21.357291  -77.299320   -5.727889
-132.024692  -87.908081   -1470.265
  0.50000  -21.357291  -77.291582   -5.727889
-132.040842  -87.277895   -1459.080
  0.75000  -21.357291  -77.284307   -5.727889
-132.058175  -88.340815   -1450.630
  1.00000  -21.357291  -77.277632   -5.727889
-132.076268  -90.786157   -1442.177

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   21.963043  113.610303    5.501775
216.127761   14.976120    2674.557
  0.25000   21.963043  113.682646    5.501775
215.932466   13.388489    2680.000
  0.50000   21.963043  113.761828    5.501775
215.745226   12.717969    2689.791
  0.75000   21.963043  113.845550    5.501775
215.571057   13.348750    2704.455
  1.00000   21.963043  113.932657    5.501775
215.414487   14.807523    2723.240

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -16.962488 -132.206997   -5.339462
-210.375318  -84.503551   -2051.242
  0.25000  -16.962488 -132.120340   -5.339462
-210.531982  -82.792714   -2039.124
  0.50000  -16.962488 -132.036769   -5.339462
-210.706404  -82.026165   -2027.114
  0.75000  -16.962488 -131.958192   -5.339462
-210.893596  -82.470207   -2015.088
  1.00000  -16.962488 -131.886109   -5.339462
-211.089001  -84.079950   -2003.034

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   33.119949  189.166916    6.837802
354.018287   54.616930    3582.639
  0.25000   33.119949  199.854671    6.837802
329.749040   53.110814    3614.163
  0.50000   33.119949  211.524160    6.837802
306.418849   52.560314    3633.254
  0.75000   33.119949  223.840817    6.837802
284.777832   53.221913    3641.958
  1.00000   33.119949  236.623209    6.837802
265.528386   54.776756    3637.937
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 524

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -21.943585 -256.737665   -6.856824
-264.652343  -82.123811   -2334.708
  0.25000  -21.943585 -244.020929   -6.856824
-283.926849  -80.254824   -2320.724
  0.50000  -21.943585 -231.726699   -6.856824
-305.592129  -79.238316   -2306.702
  0.75000  -21.943585 -220.144235   -6.856824
-328.932614  -79.294432   -2292.601
  1.00000  -21.943585 -209.505830   -6.856824
-353.211119  -80.689408   -2278.518

 COMB      DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   22.432176  266.361943    6.996182
375.098253  108.458513    4328.361
  0.25000   22.432176  291.987128    6.996182
375.098253  106.206714    4344.903
  0.50000   22.432176  319.717163    6.996182
375.098253  105.337936    4346.846
  0.75000   22.432176  350.196222    6.996182
375.098253  106.065402    4334.820
  1.00000   22.432176  382.710818    6.996182
375.098253  108.173046    4306.500

 COMB      DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -16.553730 -377.402983   -6.711524
-376.848399  -75.951467   -1191.781
  0.25000  -16.553730 -344.901707   -6.711524
-376.848399  -74.195717   -1206.289
  0.50000  -16.553730 -313.076262   -6.711524
-376.848399  -73.738546   -1008.797
  0.75000  -16.553730 -285.200472   -6.711524
-376.848399  -74.804009   -941.231629
  1.00000  -16.553730 -259.636325   -6.711524
-376.848399  -77.155967   -1015.895

 COMB      DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   33.119949  275.731030    7.676963
377.714266  123.594517    4445.985
  0.25000   33.119949  295.942346    7.676963
380.081736  122.633303    4498.441
  0.50000   33.119949  317.770281    7.676963
381.995987  122.437083    4523.501
  0.75000   33.119949  340.708942    7.676963
382.414938  123.167430    4525.135
  1.00000   33.119949  364.294597    7.676963
382.414938  124.701481    4499.448

 COMB      DL ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -36.110237 -382.122886   -8.022713
-391.661738  -89.711240   -2405.283
  0.25000  -36.110237 -358.637406   -8.022713
-391.661738  -87.908081   -2390.187
  0.50000  -36.110237 -335.752833   -8.022713
-391.208560  -87.277895   -2375.340
  0.75000  -36.110237 -314.066508   -8.022713
-389.260000  -88.340815   -2360.345
  1.00000  -36.110237 -294.038326   -8.022713
-386.892530  -90.786157   -2345.169

 COMB      CAR ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   33.119949  275.731030    7.676963
377.714266  123.594517    4445.985
  0.25000   33.119949  295.942346    7.676963
380.081736  122.633303    4498.441
  0.50000   33.119949  319.717163    7.676963
381.995987  122.437083    4523.501
  0.75000   33.119949  350.196222    7.676963
382.414938  123.167430    4525.135
  1.00000   33.119949  382.710818    7.676963
382.414938  124.701481    4499.448
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 525

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -36.110237 -382.122886   -8.022713
-391.661738  -89.711240   -2405.283
  0.25000  -36.110237 -358.637406   -8.022713
-391.661738  -87.908081   -2390.187
  0.50000  -36.110237 -335.752833   -8.022713
-391.208560  -87.277895   -2375.340
  0.75000  -36.110237 -314.066508   -8.022713
-389.260000  -88.340815   -2360.345
  1.00000  -36.110237 -294.038326   -8.022713
-386.892530  -90.786157   -2345.169

 COMB   DESIGN ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   33.119949  275.731030    7.676963
377.714266  123.594517    4445.985
  0.25000   33.119949  295.942346    7.676963
380.081736  122.633303    4498.441
  0.50000   33.119949  319.717163    7.676963
381.995987  122.437083    4523.501
  0.75000   33.119949  350.196222    7.676963
382.414938  123.167430    4525.135
  1.00000   33.119949  382.710818    7.676963
382.414938  124.701481    4499.448

 COMB   DESIGN ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -36.110237 -382.122886   -8.022713
-391.661738  -89.711240   -2405.283
  0.25000  -36.110237 -358.637406   -8.022713
-391.661738  -87.908081   -2390.187
  0.50000  -36.110237 -335.752833   -8.022713
-391.208560  -87.277895   -2375.340
  0.75000  -36.110237 -314.066508   -8.022713
-389.260000  -88.340815   -2360.345
  1.00000  -36.110237 -294.038326   -8.022713
-386.892530  -90.786157   -2345.169

 ELEM      18 ================== LENGTH
=     4.987492

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   10.980040  200.761398    6.091244
338.247591   77.917874    2313.416
  0.25000   10.980040  223.143838    6.091244
338.247591   73.402595    2317.051
  0.50000   10.980040  247.309314    6.091244
338.247591   69.968722    2290.869
  0.75000   10.980040  272.709993    6.091244
338.247591   67.657937    2231.756
  1.00000   10.980040  297.854868    6.091244
338.247591   66.359624    2139.903

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -10.512245 -238.846331   -2.216228
-110.408332   -9.444230  -405.090623
  0.25000  -10.512245 -213.882917   -2.216228
-110.408332  -12.198100  -442.041594
  0.50000  -10.512245 -188.917794   -2.216228
-110.408332  -14.953023  -478.992599
  0.75000  -10.512245 -165.400149   -2.216228
-110.408332  -17.719622  -515.943604
  1.00000  -10.512245 -143.841375   -2.216228
-110.408332  -20.488256  -552.940776

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   22.826405  308.123122    7.963714
459.417491  107.738795    3755.936
  0.25000   22.826405  336.288809    7.963714
459.417491  102.415327    3710.004
  0.50000   22.826405  366.611164    7.963714
459.417491   98.567506    3642.998
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 526

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -14.025904 -330.167363   -4.893379
-187.953931  -14.170439 -719.385215
  0.25000  -14.025904 -298.057935   -4.893379
-187.953931  -16.914983 -782.742657
  0.50000  -14.025904 -266.743935   -4.893379
-187.953931  -19.873097 -846.120134
  0.75000  -14.025904 -237.191253   -4.893379
-187.953931  -22.837940 -909.508641
  1.00000  -14.025904 -210.010919   -4.893379
-187.953931  -26.043449 -972.962801

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   19.839655  326.150688    7.781430
466.639063   97.022137    4306.072
  0.25000   19.839655  352.018028    7.781430
466.639063   92.344414    4228.859
  0.50000   19.839655  379.861943    7.781430
466.639063   89.018616    4136.541
  0.75000   19.839655  409.080362    7.781430
466.639063   87.193265    4031.367
  1.00000   19.839655  438.820727    7.781430
466.639063   86.943395    3908.246

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -13.451051 -315.858603   -4.670941
-279.739558  -15.688430 -947.712058
  0.25000  -13.451051 -286.314322   -4.670941
-279.739558  -17.872904  -1026.350
  0.50000  -13.451051 -257.561074   -4.670941
-279.739558  -20.194079  -1104.988
  0.75000  -13.451051 -230.420735   -4.670941
-279.739558  -22.525991  -1183.637
  1.00000  -13.451051 -205.454232   -4.670941
-279.739558  -25.396378  -1262.342

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   19.811284  293.355121    8.312635
409.232009   81.928023    4072.017
  0.25000   19.811284  314.911239    8.312635
409.232009   78.030503    3981.648
  0.50000   19.811284  338.114501    8.312635
409.232009   75.894756    3893.488
  0.75000   19.811284  362.467350    8.312635
409.232009   75.124838    3788.412
  1.00000   19.811284  387.246821    8.312635
409.232009   75.689800    3669.378

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -16.977892 -278.891100   -6.092912
-316.163182  -40.759279   -1015.959
  0.25000  -16.977892 -254.270866   -6.092912
-316.163182  -41.438865   -1094.283
  0.50000  -16.977892 -230.309826   -6.092912
-316.163182  -42.800502   -1172.641
  0.75000  -16.977892 -207.692877   -6.092912
-316.163182  -44.876189   -1251.009
  1.00000  -16.977892 -186.887459   -6.092912
-316.163182  -47.686246   -1329.423

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   11.631283   92.319072    1.103913
142.808037   19.300651    1435.739
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 527

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
  0.25000   11.631283   92.331637    1.103913
142.767119   19.161106    1363.897
  0.50000   11.631283   92.345059    1.103913
142.732625   19.023365    1312.944
  0.75000   11.631283   92.359063    1.103913
142.700022   19.465103    1288.053
  1.00000   11.631283   92.374791    1.103913
142.669884   20.914755    1284.044

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -2.440452  -47.079242   -2.361481
-138.337967   -4.722235  -359.661142
  0.25000   -2.440452  -47.063676   -2.361481
-138.366630   -4.378197  -388.471472
  0.50000   -2.440452  -47.049739   -2.361481
-138.398305   -4.205505  -417.282188
  0.75000   -2.440452  -47.036578   -2.361481
-138.431407   -4.049489  -446.092922
  1.00000   -2.440452  -47.024351   -2.361481
-138.471376   -4.074701  -474.914703

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   11.165923  135.590673    2.746522
180.853256   18.759513    2292.784
  0.25000   11.165923  135.603239    2.746522
180.812323   18.537616    2185.257
  0.50000   11.165923  135.616663    2.746522
180.777816   18.817783    2102.166
  0.75000   11.165923  135.630667    2.746522
180.745202   19.522214    2049.635
  1.00000   11.165923  135.646397    2.746522
180.715052   20.710672    2022.390

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -7.586131  -64.780278   -3.395745
-260.708262  -18.177962  -674.366630
  0.25000   -7.586131  -64.764610   -3.395745
-260.736971  -17.209134  -724.246392
  0.50000   -7.586131  -64.750772   -3.395745
-260.768657  -16.738472  -774.126197
  0.75000   -7.586131  -64.737480   -3.395745
-260.801771  -16.704871  -824.006021
  1.00000   -7.586131  -64.725381   -3.395745
-260.841763  -17.085781  -873.896126

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   16.681490  276.145963    6.431810
397.470567   70.254089    3828.029
  0.25000   16.681490  297.900459    6.431810
371.493749   67.340980    3751.264
  0.50000   16.681490  321.231531    6.431810
342.888541   65.500622    3662.340
  0.75000   16.681490  345.648375    6.431810
312.062186   65.022411    3562.755
  1.00000   16.681490  371.722548    6.431810
309.738187   65.694291    3448.275

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -13.863394 -261.598848   -4.967399
-264.796744  -22.719169  -928.557958
  0.25000  -13.863394 -235.660124   -4.967399
-264.796744  -23.315628  -1002.314
  0.50000  -13.863394 -211.587017   -4.967399
-271.932460  -24.347417  -1076.070
  0.75000  -13.863394 -188.780774   -4.967399
-301.647585  -25.779260  -1149.861
  1.00000  -13.863394 -167.701690   -4.967399
-328.246129  -27.513365  -1223.672
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                 528

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   17.512624  247.747829    6.716713
356.521244   59.704336    3616.908
  0.25000   17.512624  265.866162    6.716713
334.897117   58.045372    3535.945
  0.50000   17.512624  285.297646    6.716713
311.086781   57.433281    3445.272
  0.75000   17.512624  305.633498    6.716713
285.427266   58.027410    3346.445
  1.00000   17.512624  327.348354    6.716713
283.589593   59.615716    3235.933

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000  -14.667913 -233.364407   -6.593584
-298.135484  -50.043436  -996.338516
  0.25000  -14.667913 -211.762388   -6.593584
-298.135484  -49.086756  -1069.166
  0.50000  -14.667913 -191.727674   -6.593584
-304.013401  -48.933956  -1142.047
  0.75000  -14.667913 -172.718568   -6.593584
-328.747427  -49.623147  -1214.957
  1.00000  -14.667913 -155.162843   -6.593584
-350.886397  -51.090865  -1287.884

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    6.188482   24.998809    1.600253
 41.928987    3.638330   613.952946
  0.25000    6.188482   25.011382    1.600253
 41.881977    5.348407   589.807837
  0.50000    6.188482   25.024811    1.600253
 41.853411    7.162765   566.343998
  0.75000    6.188482   25.038821    1.600253
 41.820737    9.066901   543.680161
  1.00000    6.188482   25.054562    1.600253
 41.790528   11.027781   521.764209

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -6.049627  -23.352779   -4.010141
-115.689519   -51.109880  -337.047211
  0.25000   -6.049627  -23.337101   -4.010141
-115.718458   -48.450233  -353.315700
  0.50000   -6.049627  -23.323257   -4.010141
-115.750200   -46.434645  -369.658753
  0.75000   -6.049627  -23.310089   -4.010141
-115.783371   -45.111364  -386.001825
  1.00000   -6.049627  -23.297855   -4.010141
-115.823481   -44.473342  -402.344912

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    9.363870   58.619820    3.982225
 69.841511    5.302704    1295.303
  0.25000    9.363870   58.632386    3.982225
 69.800593    7.102194    1243.647
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 0.50000     9.363870    58.645808     3.982225
69.766098     9.363344     1194.882
 0.75000     9.363870    58.659811     3.982225
69.733495    11.861849     1149.508
 1.00000     9.363870    58.675539     3.982225
69.703357    14.484445     1107.473

COMB DB-G3-2 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -14.954642   -43.269646    -6.339773
-221.955640   -77.222770  -612.099923
 0.25000   -14.954642   -43.253980    -6.339773
-221.984302   -73.558166  -645.622034
 0.50000   -14.954642   -43.240143    -6.339773
-222.015977   -71.215227  -679.231020
 0.75000   -14.954642   -43.226982    -6.339773
-222.049080   -70.427985  -712.840025
 1.00000   -14.954642   -43.214755    -6.339773
-222.089048   -71.163301  -746.449455
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       529

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    11.031994   113.877466     3.605108
150.935279    10.581214     2239.138
 0.25000    11.031994   113.888776     3.605108
150.898440    12.147510     2154.567
 0.50000    11.031994   113.900857     3.605108
150.867384    14.179576     2063.207
 0.75000    11.031994   113.913461     3.605108
150.838030    16.555824     1995.750
 1.00000    11.031994   113.927619     3.605108
150.810895    19.234102     1942.807

COMB DB-G3-3 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -11.308828   -60.969154    -6.025560
-313.785148   -66.664832   -854.812028
 0.25000   -11.308828   -60.955053    -6.025560
-313.810986   -63.195460   -908.314604
 0.50000   -11.308828   -60.942599    -6.025560
-313.839504   -60.718058   -961.896662
 0.75000   -11.308828   -60.930753    -6.025560
-313.869306   -59.351835    -1015.479
 1.00000   -11.308828   -60.919747    -6.025560
-313.905299   -58.986752    -1069.061

COMB DB-G3-4 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    18.021785   209.294020     5.509333
346.345322    44.598667     3239.601
 0.25000    18.021785   222.071413     5.509333
310.470862    44.507777     3149.929
 0.50000    18.021785   235.746656     5.509333
282.076897    45.181158     3059.184
 0.75000    18.021785   250.035516     5.509333
259.517553    46.335572     2970.154
 1.00000    18.021785   265.698176     5.509333
235.256891    49.265566     2878.604

COMB DB-G3-4 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -14.088595  -184.483005    -7.191547
-312.622146   -59.897705  -979.206219
 0.25000   -14.088595  -168.891613    -7.191547
-322.532409   -57.622964    -1047.147
 0.50000   -14.088595  -154.787765    -7.191547
-341.896839   -56.291492    -1115.154
 0.75000   -14.088595  -141.398908    -7.191547
-369.113971   -55.892474    -1183.189
 1.00000   -14.088595  -128.991341    -7.191547
-403.218542   -56.348095    -1251.231

COMB DL-G1-1 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    14.204567   191.832177     8.068715
330.924210    86.000691     2275.661
 0.25000    14.204567   210.846376     8.068715
339.429175    81.279746     2275.892
 0.50000    14.204567   231.250829     8.068715
347.933746    77.173775     2243.149
 0.75000    14.204567   252.563122     8.068715
355.901210    73.846922     2177.164
 1.00000    14.204567   274.345476     8.068715
362.924444    71.199872     2078.752

COMB DL-G1-1 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -29.883582  -217.086518    -3.078660
-138.506188   -19.468550  -923.045944
 0.25000   -29.883582  -197.298581    -3.078660
-138.506188   -24.724166  -924.763666
 0.50000   -29.883582  -178.053372    -3.078660
-138.505864   -25.052318  -926.681967
 0.75000   -29.883582  -159.853637    -3.078660
-137.968363   -27.864068  -928.413302
 1.00000   -29.883582  -143.131742    -3.078660
-136.486632   -30.710996  -930.160172
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       530

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    33.630632   308.887834    10.046298
460.815660   122.972144     3756.347
 0.25000    33.630632   332.032994    10.046298
464.111951   118.748190     3713.346
 0.50000    33.630632   356.897943    10.046298
467.408243   115.332528     3638.850
 0.75000    33.630632   382.915637    10.046298
470.704534   112.845954     3541.023
 1.00000    33.630632   409.569204    10.046298
473.984723   111.196968     3414.502

COMB DL-G1-2 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -34.143389  -314.494992    -6.388369
-233.847967   -29.894875    -1641.664
 0.25000   -34.143389  -290.170260    -6.388369
-233.847967   -32.246128    -1642.754
 0.50000   -34.143389  -266.584458    -6.388369
-233.847967   -34.775778    -1644.104
 0.75000   -34.143389  -244.299893    -6.388369
-233.847967   -37.399160    -1645.214
 1.00000   -34.143389  -223.837610    -6.388369
-233.832047   -40.091778    -1646.309

COMB DL-G1-3 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    30.236192   344.909961     9.676240
458.382350   111.149025     4499.179
 0.25000    30.236192   366.169936     9.676240
460.749708   106.874397     4429.171
 0.50000    30.236192   389.014049     9.676240
463.117066   103.439341     4331.300
 0.75000    30.236192   412.921986     9.676240
465.484425   100.952722     4210.503
 1.00000    30.236192   437.419412     9.676240
467.851771    99.321119     4063.865

COMB DL-G1-3 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -32.310539  -322.085211    -6.404229
-321.332247   -36.417568    -2196.914
 0.25000   -32.310539  -299.718376    -6.404229
-321.332247   -37.448650    -2193.301
 0.50000   -32.310539  -278.036038    -6.404229
-321.332247   -38.966820    -2189.980
 0.75000   -32.310539  -257.553189    -6.404229
-321.332247   -41.004829    -2186.389
 1.00000   -32.310539  -238.748272    -6.404229
-321.332983   -43.392779    -2182.820

COMB DL-G1-4 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    30.310595   320.630697     9.957736
409.526062    94.374525     4360.922
 0.25000    30.310595   338.351854     9.957736
411.499363    91.174536     4284.678
 0.50000    30.310595   357.393461     9.957736
413.472663    89.024418     4185.605
 0.75000    30.310595   377.321814     9.957736
415.445964    87.793346     4067.602
 1.00000    30.310595   397.741532     9.957736
417.419255    87.433977     3928.069

COMB DL-G1-4 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -36.608213  -292.731123    -7.841862
-362.112959   -61.591188    -2345.113
 0.25000   -36.608213  -274.087348    -7.841862
-362.112959   -61.743832    -2335.310
 0.50000   -36.608213  -256.014134    -7.841862
-362.112959   -62.667841    -2325.733
 0.75000   -36.608213  -238.940747    -7.841862
-362.112959   -64.444635    -2315.949
 1.00000   -36.608213  -223.265994    -7.841862
-362.113572   -66.860904    -2306.178
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       531

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    20.390609   109.009010     1.171634
122.308214    27.114513     1534.395
 0.25000    20.390609   109.016024     1.171634
122.289319    27.945433     1477.231
 0.50000    20.390609   109.023624     1.171634
122.271212    28.969057     1427.741
 0.75000    20.390609   109.031651     1.171634
122.254337    30.231519     1394.685
 1.00000    20.390609   109.039958     1.171634
122.239128    32.068707     1373.282

COMB DL-G2-1 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    -3.987487   -69.171207    -3.014933
-138.711702   -10.550022  -819.319480
 0.25000    -3.987487   -69.163467    -3.014933
-138.725623    -9.813844  -817.198874
 0.50000    -3.987487   -69.156043    -3.014933
-138.741182    -9.243443  -815.047511
 0.75000    -3.987487   -69.149081    -3.014933
-138.757930    -8.763754  -812.917028
 1.00000    -3.987487   -69.142743    -3.014933
-138.775411    -8.433226  -810.745492

COMB DL-G2-2 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    18.907895   171.191313     2.819853
158.280817    24.675470     2596.040
 0.25000    18.907895   171.198327     2.819853
158.261922    24.679214     2507.389
 0.50000    18.907895   171.205927     2.819853
158.243815    25.503897     2428.410
 0.75000    18.907895   171.213954     2.819853
158.226941    26.568819     2364.595
 1.00000    18.907895   171.222261     2.819853
158.211731    27.884654     2312.248

COMB DL-G2-2 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -11.407361  -105.699784    -4.171314
-264.806309   -29.574820    -1563.846
 0.25000   -11.407361  -105.692044    -4.171314
-264.820230   -28.101091    -1555.469
 0.50000   -11.407361  -105.684620    -4.171314
-264.835789   -27.088396    -1547.116
 0.75000   -11.407361  -105.677658    -4.171314
-264.852537   -26.602790    -1538.765
 1.00000   -11.407361  -105.671320    -4.171314
-264.870017   -26.912275    -1530.372

COMB DL-G2-3 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    27.756496   301.180493     7.348576
400.855488    82.172630     4078.846
 0.25000    27.756496   319.817766     7.348576
367.283698    80.221519     4012.572
 0.50000    27.756496   339.922945     7.348576
334.421234    78.817533     3921.026
 0.75000    27.756496   361.022365     7.348576
303.932740    78.032701     3807.135
 1.00000    27.756496   382.772702     7.348576
295.763460    77.849824     3669.661

COMB DL-G2-3 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -24.550261  -279.048742    -6.334102
-284.828330   -40.194520    -2141.161
 0.25000   -24.550261  -258.976496    -6.334102
-285.050128   -39.946457    -2134.659
 0.50000   -24.550261  -239.630979    -6.334102
-305.240695   -40.108759    -2128.382
 0.75000   -24.550261  -221.421300    -6.334102
-332.604941   -40.759084    -2121.921
 1.00000   -24.550261  -204.784796    -6.334102
-360.928438   -41.983314    -2115.465
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       532

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    29.681122   280.618059     7.530197
367.112995    70.343210     3967.754
 0.25000    29.681122   296.139385     7.530197
339.154038    69.677105     3896.503
 0.50000    29.681122   312.866544     7.530197
311.785815    69.582993     3804.332
 0.75000    29.681122   330.455030     7.530197
286.394661    70.113503     3693.740
 1.00000    29.681122   348.568950     7.530197
279.591194    71.357529     3563.516

COMB DL-G2-4 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -26.332226  -256.630840    -8.349316
-331.883428   -69.644722    -2309.238
 0.25000   -26.332226  -239.916118    -8.349316
-332.068144   -68.003208    -2295.571
 0.50000   -26.332226  -223.803292    -8.349316
-348.883071   -66.940691    -2282.095
 0.75000   -26.332226  -208.638071    -8.349316
-371.672317   -66.543635    -2268.459
 1.00000   -26.332226  -194.783007    -8.349316
-395.260437   -67.177555    -2254.838

COMB DL-G3-1 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    13.282293    42.591094     1.885420
55.774823     4.704855   827.928770
 0.25000    13.282293    42.598103     1.885420
55.755984     6.908069   805.365680
 0.50000    13.282293    42.605699     1.885420
55.737928     9.290963   782.879918
 0.75000    13.282293    42.613721     1.885420
55.721103    11.816730   760.745047
 1.00000    13.282293    42.622022     1.885420
55.705939    14.601545   738.673789

COMB DL-G3-1 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    -8.250724   -36.890050    -5.460322
-143.848918   -59.794061  -802.930608
 0.25000    -8.250724   -36.882316    -5.460322
-143.862790   -56.988204  -792.629777
 0.50000    -8.250724   -36.874898    -5.460322
-143.878296   -54.566557  -776.339971
 0.75000    -8.250724   -36.867941    -5.460322
-143.894987   -52.610956  -763.053144
 1.00000    -8.250724   -36.861607    -5.460322
-143.912408   -51.166583  -749.768343

COMB DL-G3-2 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    17.700591    91.485956     4.502868
89.269516     7.438985     1676.546
 0.25000    17.700591    91.492967     4.502868
89.250653     9.836550     1628.166
 0.50000    17.700591    91.500564     4.502868
89.232575    12.661342     1581.210
 0.75000    17.700591    91.508588     4.502868
89.215729    15.898414     1535.284
 1.00000    17.700591    91.516892     4.502868
89.200545    19.649556     1489.754

COMB DL-G3-2 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -21.849129   -69.226554    -7.991703
-260.958656   -90.996253    -1442.214
 0.25000   -21.849129   -69.218818    -7.991703
-260.972549   -87.789749    -1422.468
 0.50000   -21.849129   -69.211397    -7.991703
-260.988078   -85.515428    -1408.798
 0.75000   -21.849129   -69.204438    -7.991703
-261.004793   -84.565602    -1397.442
 1.00000   -21.849129   -69.198102    -7.991703
-261.022240   -84.506626    -1374.101
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       533

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    22.192106   159.714893     3.856479
149.468695    14.775027     2723.669
 0.25000    22.192106   159.790612     3.856479
149.264972    16.754767     2641.421
 0.50000    22.192106   159.872661     3.856479
149.069732    19.198490     2562.787
 0.75000    22.192106   159.959325     3.856479
148.887792    22.112133     2489.211
 1.00000    22.192106   160.049006     3.856479
148.723808    25.603951     2420.512

COMB DL-G3-3 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -17.445515  -106.570161    -7.885837
-343.317967   -84.085479    -2003.052
 0.25000   -17.445515  -106.486609    -7.885837
-343.468007   -80.152548    -1981.946
 0.50000   -17.445515  -106.406467    -7.885837
-343.635717   -76.972933    -1960.893
 0.75000   -17.445515  -106.331307    -7.885837
-343.816244   -74.733452    -1939.816
 1.00000   -17.445515  -106.262882    -7.885837
-344.004667   -73.310097    -1918.899

COMB DL-G3-4 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    33.389185   247.564621     6.112427
339.713204    54.216120     3638.170
 0.25000    33.389185   258.772134     6.112427
313.981177    55.370237     3561.570
 0.50000    33.389185   270.886890     6.112427
289.226884    57.101742     3471.595
 0.75000    33.389185   283.653535     6.112427
266.188001    59.349810     3371.764
 1.00000    33.389185   296.842702     6.112427
245.595631    62.272040     3260.193

COMB DL-G3-4 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -22.556846  -217.125443    -9.279746
-349.064008   -80.072372    -2278.519
 0.25000   -22.556846  -204.893948    -9.279746
-367.089148   -77.035182    -2261.411
 0.50000   -22.556846  -193.135483    -9.279746
-387.485381   -74.714428    -2244.245
 0.75000   -22.556846  -182.090159    -9.279746
-409.553260   -73.221309    -2227.043
 1.00000   -22.556846  -172.017146    -9.279746
-432.523423   -72.457267    -2209.853

COMB DB ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    22.826405   326.150688     8.312635
466.639063   107.738795     4306.072
 0.25000    22.826405   352.018028     8.312635
466.639063   102.415327     4228.859
 0.50000    22.826405   379.661943     8.312635
466.639063    98.567506     4136.541
 0.75000    22.826405   409.085362     8.312635
466.639063    96.316783     4031.367
 1.00000    22.826405   438.820727     8.312635
466.639063    95.892921     3908.246

COMB DB ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -16.977892  -330.167363    -7.191547
-316.163182   -77.222770    -1015.959
 0.25000   -16.977892  -298.057935    -7.191547
-322.532409   -73.558166    -1094.283
 0.50000   -16.977892  -266.743935    -7.191547
-341.896839   -71.215227    -1172.641
 0.75000   -16.977892  -237.191283    -7.191547
-369.113971   -70.427985    -1251.009
 1.00000   -16.977892  -210.010919    -7.191547
-403.218542   -71.163301    -1329.423
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       534

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    33.630632   344.909961    10.046298
460.815660   122.972144     4499.179
 0.25000    33.630632   366.169936    10.046298
464.111951   118.748190     4429.171
 0.50000    33.630632   389.014049    10.046298
467.408243   115.332528     4331.300
 0.75000    33.630632   412.921986    10.046298
470.704534   112.845954     4210.503
 1.00000    33.630632   437.419412    10.046298
473.984723   111.196968     4063.865

COMB      DL ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -36.608213  -322.085211    -9.279746
-362.112959   -90.996253    -2345.113
 0.25000   -36.608213  -299.718376    -9.279746
-367.089148   -87.789749    -2335.310
 0.50000   -36.608213  -278.036038    -9.279746
-387.485381   -85.515428    -2325.733
 0.75000   -36.608213  -257.553189    -9.279746
-409.553260   -84.565602    -2315.949
 1.00000   -36.608213  -238.748272    -9.279746
-432.523423   -84.506626    -2306.178

COMB      CAR ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    33.630632   344.909961    10.046298
466.639063   122.972144     4499.179
 0.25000    33.630632   366.169936    10.046298
466.639063   118.748190     4429.171
 0.50000    33.630632   389.014049    10.046298
467.408243   115.332528     4331.300
 0.75000    33.630632   412.921986    10.046298
470.704534   112.845954     4210.503
 1.00000    33.630632   438.820727    10.046298
473.984723   111.196968     4063.865

COMB      CAR ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -36.608213  -330.167363    -9.279746
-362.112959   -90.996253    -2345.113
 0.25000   -36.608213  -299.718376    -9.279746
-367.089148   -87.789749    -2335.310
 0.50000   -36.608213  -278.036038    -9.279746
-387.485381   -85.515428    -2325.733
 0.75000   -36.608213  -257.553189    -9.279746
-409.553260   -84.565602    -2315.949
 1.00000   -36.608213  -238.748272    -9.279746
-432.523423   -84.506626    -2306.178

COMB      DESIGN ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    33.630632   344.909961    10.046298
466.639063   122.972144     4499.179
 0.25000    33.630632   366.169936    10.046298
466.639063   118.748190     4429.171
 0.50000    33.630632   389.014049    10.046298
467.408243   115.332528     4331.300
 0.75000    33.630632   412.921986    10.046298
470.704534   112.845954     4210.503
 1.00000    33.630632   438.820727    10.046298
473.984723   111.196968     4063.865

COMB      DESIGN ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -36.608213  -330.167363    -9.279746
-362.112959   -90.996253    -2345.113
 0.25000   -36.608213  -299.718376    -9.279746
-367.089148   -87.789749    -2335.310
 0.50000   -36.608213  -278.036038    -9.279746
-387.485381   -85.515428    -2325.733
 0.75000   -36.608213  -257.553189    -9.279746
-409.553260   -84.565602    -2315.949
 1.00000   -36.608213  -238.748272    -9.279746
-432.523423   -84.506626    -2306.178
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       535

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       19 ================ LENGTH
=     4.987423

COMB DB-G1-1 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    11.429372   232.026998     7.718305
444.837317    65.765682     2136.843
 0.25000    11.429372   254.412475     7.718305
444.837317    58.850849     2096.961
 0.50000    11.429372   278.460154     7.718305
444.837317    53.009371     2026.422
 0.75000    11.429372   303.632299     7.718305
444.837317    48.154863     1924.048
 1.00000    11.429372   328.480101     7.718305
444.837317    44.460637     1789.982

COMB DB-G1-1 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -10.565149   -208.549136    -0.802979
-56.134192   -20.086015   -552.985815
 0.25000   -10.565149   -183.965438    -0.802979
-56.134192   -24.117693   -599.454403
 0.50000   -10.565149   -159.433422    -0.802979
-56.134192   -28.152170   -645.923009
 0.75000   -10.565149   -136.384211    -0.802979
-56.134192   -32.188851   -692.391642
 1.00000   -10.565149   -115.310069    -0.802979
-56.134192   -36.231147   -738.860659

COMB DB-G1-2 ------------------- MAX

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000    23.253243   360.574669     9.816781
573.061016    95.053067     3447.001
 0.25000    23.253243   388.753956     9.816781
573.061016    89.045290     3322.220
 0.50000    23.253243   418.930079     9.816781
573.061016    85.798442     3178.859
 0.75000    23.253243   450.467169     9.816781
573.061016    84.474917     3019.458
 1.00000    23.253243   482.406032     9.816781
573.061016    84.500551     2837.239

COMB DB-G1-2 ------------------- MIN

 REL DIST           P           V2           V3
        T          M2          M3
 0.00000   -14.603473   -282.039875    -3.978641
-148.669589   -25.350871   -973.027540
 0.25000   -14.603473   -250.398757    -3.978641
-148.669589   -29.791083    -1049.766
 0.50000   -14.603473   -219.606371    -3.978641
-148.669589   -34.271938    -1126.506
 0.75000   -14.603473   -190.634370    -3.978641
```

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-148.669589  -38.810417  -1203.246
 1.00000  -14.603473 -164.065444  -3.978641
-148.669589  -43.367741  -1279.986

 COMB DB-G1-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   20.133102  389.865406   9.170289
527.415180   85.637690   3907.564
 0.25000   20.133102  415.746052   9.170289
527.415180   29.272456   3733.820
 0.50000   20.133102  443.455847   9.170289
527.415180   75.190292   3544.566
 0.75000   20.133102  472.411051   9.170289
527.415180   72.927300   3344.862
 1.00000   20.133102  501.796943   9.170289
527.415180   72.168918   3130.897

 COMB DB-G1-3 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -14.085907 -275.975833  -3.705696
-269.838394  -25.170029   1262.379
 0.25000  -14.085907 -246.860802  -3.705696
-269.838394  -28.284896   1352.256
 0.50000  -14.085907 -218.585106  -3.705696
-269.838394  -31.841688   1442.133
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    536

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST              P              V2             V3
        T              M2             M3
 0.75000  -14.085907 -191.977385  -3.705696
-269.838394  -35.949466   1532.009
 1.00000  -14.085907 -167.572712  -3.705696
-269.838394  -40.445251   1621.886

 COMB DB-G1-4 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   20.246837  356.307853   9.581888
461.350238   74.324765   3669.210
 0.25000   20.246837  377.815057   9.581888
461.350238   69.976156   3490.678
 0.50000   20.246837  400.966554   9.581888
461.350238   67.596076   3300.268
 0.75000   20.246837  425.095890   9.581888
461.350238   66.775668   3102.305
 1.00000   20.246837  449.584133   9.581888
461.350238   67.281017   2893.645

 COMB DB-G1-4 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -17.432372 -245.866309  -5.655340
-349.138599  -47.672030   1329.421
 0.25000  -17.432372 -221.603783  -5.655340
-349.138599  -49.072518   1412.947
 0.50000  -17.432372 -198.040703  -5.655340
-349.138599  -51.610616   1496.483
 0.75000  -17.432372 -175.867602  -5.655340
-349.138599  -54.148527   1579.047
 1.00000  -17.432372 -155.530375  -5.655340
-349.138599  -60.809894   1663.684

 COMB DB-G2-1 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   11.524848  114.909411   1.173549
120.010262   20.780339   1284.137
 0.25000   11.524848  114.922003   1.173549
119.968670   22.943738   1174.691
 0.50000   11.524848  114.935364   1.173549
119.933409   26.438506   1088.357
 0.75000   11.524848  114.949228   1.173549
119.900072   30.388575   1029.563
 1.00000   11.524848  114.964775   1.173549
119.869183   34.390371   991.441686

 COMB DB-G2-1 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   -2.514477  -35.286692  -3.400897
-136.279168   -3.896720  -474.922785
 0.25000   -2.514477  -35.271215  -3.400897
-136.300864   -3.930081  -506.257379
 0.50000   -2.514477  -35.257572  -3.400897
-136.330268   -4.007457  -537.591992
 0.75000   -2.514477  -35.244654  -3.400897
-136.363780   -4.119076  -568.926686
 1.00000   -2.514477  -35.232708  -3.400897
-136.403055   -4.241384  -600.261801

 COMB DB-G2-2 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   11.055066  174.269291   2.866199
128.131075   19.821759   2022.892
 0.25000   11.055066  174.281884   2.866199
128.089467   20.573004   1854.058
 0.50000   11.055066  174.295247   2.866199
128.054194   22.737147   1708.428
 0.75000   11.055066  174.309112   2.866199
128.020845   25.587863   1594.957
 1.00000   11.055066  174.324661   2.866199
127.989944   28.823582   1509.522

 COMB DB-G2-2 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   -7.737498  -56.772130  -4.236551
-296.339896   -7.424275  -873.868195
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    537

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST              P              V2             V3
        T              M2             M3
 0.25000   -7.737498  -56.756651  -4.236551
-296.361600   -7.371089  -923.735532
 0.50000   -7.737498  -56.743008  -4.236551
-296.391059  -16.332538  -973.616680
 0.75000   -7.737498  -56.730088  -4.236551
-296.424582  -17.821952   -1023.513
 1.00000   -7.737498  -56.718140  -4.236551
-296.463872  -20.007829  -1073.409

 COMB DB-G2-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   16.907125  335.097494   7.431745
416.328733   64.457330   3448.276
 0.25000   16.907125  356.879611   7.431745
389.802262   61.210318   3280.851
 0.50000   16.907125  380.101537   7.431745
360.508898   59.709152   3100.954
 0.75000   16.907125  404.285549   7.431745
332.003132   59.960881   2912.937
 1.00000   16.907125  430.055864   7.431745
332.003132   61.509235   2713.232

 COMB DB-G2-3 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -14.298560 -231.119560  -5.309053
-300.971808  -27.223298   -1223.681
 0.25000  -14.298560 -205.525757  -5.309053
-300.971808  -28.380881   -1304.139
 0.50000  -14.298560 -181.823276  -5.309053
-300.971808  -30.447705   -1384.610
 0.75000  -14.298560 -159.451860  -5.309053
-300.971808  -33.878539   -1465.094
 1.00000  -14.298560 -138.851319  -5.309053
-322.308585  -37.929040   -1545.578

 COMB DB-G2-4 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   17.897244  305.586545   7.010802
373.125558   58.346094   3236.344
 0.25000   17.897244  323.727864   7.010802
351.043832   57.160899   3067.719
 0.50000   17.897244  343.068442   7.010802
326.660438   57.464540   2889.064
 0.75000   17.897244  363.210366   7.010802
303.030716   59.241118   2704.498
 1.00000   17.897244  384.672183   7.010802
303.030716   62.089927   2511.339

 COMB DB-G2-4 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -15.264264 -208.207424  -7.462570
-372.876275  -51.212908   -1287.864
 0.25000  -15.264264 -186.892691  -7.462570
-372.876275  -50.044626   -1361.033
 0.50000  -15.264264 -167.151888  -7.462570
-372.876275  -50.084201   -1434.220
 0.75000  -15.264264 -148.519744  -7.462570
-372.876275  -51.770420   -1507.529
 1.00000  -15.264264 -131.362569  -7.462570
-390.512857  -54.502909   -1580.882

 COMB DB-G3-1 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000    6.129522   37.306950   0.559580
44.088802   10.748660   522.405174
 0.25000    6.129522   37.319549   0.559580
44.047117   13.354839   490.983325
 0.50000    6.129522   37.332917   0.559580
44.011784   16.061784   440.487130
 0.75000    6.129522   37.346788   0.559580
43.978376   18.845863   401.105387
 1.00000    6.129522   37.362347   0.559580
43.947416   21.677301   362.876281
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    538

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   -6.378003  -23.779109   -5.109456
-185.013434  -44.741765  -402.308247
 0.25000   -6.378003  -23.764219   -5.109456
-185.035180  -40.518029  -409.732384
 0.50000   -6.378003  -23.750570   -5.109456
-185.064913  -37.024293  -417.331715
 0.75000   -6.378003  -23.737645   -5.109456
-185.098495  -34.163272  -425.030712
 1.00000   -6.378003  -23.725691   -5.109456
-185.137855  -31.947034  -432.729708

 COMB DB-G3-2 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000    9.763018   84.192104   3.409005
65.011676   13.862587   1108.548
 0.25000    9.763018   84.204695   3.409005
64.970084   17.008400   1019.050
 0.50000    9.763018   84.218057   3.409005
64.934822   20.498073   932.989823
 0.75000    9.763018   84.231821   3.409005
64.901486   24.157316   850.794273
 1.00000    9.763018   84.247468   3.409005
64.870596   28.002420   772.992177

 COMB DB-G3-2 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -15.248428  -43.509375   -7.700516
-332.346454  -71.655651  -746.376080
 0.25000  -15.248428  -43.493899   -7.700516
-332.368150  -66.756037  -767.660692
 0.50000  -15.248428  -43.480256   -7.700516
-332.397553  -64.358504  -789.093949
 0.75000  -15.248428  -43.467338   -7.700516
-332.431066  -64.177714  -810.722860
 1.00000  -15.248428  -43.455391   -7.700516
-332.470341  -65.120270  -832.354407

 COMB DB-G3-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   11.228012  154.889284   2.416281
105.644225   18.212523   1943.960
 0.25000   11.228012  154.900618   2.416281
105.606778   21.016028   1746.266
 0.50000   11.228012  154.912644   2.416281
105.575032   24.220450   1641.020
 0.75000   11.228012  154.925123   2.416281
105.545018   27.749152   1511.522
 1.00000   11.228012  154.939117   2.416281
105.517207   31.661488   1397.850

 COMB DB-G3-3 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -11.753910  -60.860848   -7.427884
-421.959755  -59.242846  -1068.390
 0.25000  -11.753910  -60.846917   -7.427884
-421.979289  -54.201868   -1112.363
 0.50000  -11.753910  -60.834638   -7.427884
-422.005801  -50.530063   -1155.862
 0.75000  -11.753910  -60.823011   -7.427884
-422.035972  -48.734601   -1199.538
 1.00000  -11.753910  -60.812257   -7.427884
-422.071333  -48.389155   -1243.214

 COMB DB-G3-4 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   18.111049  262.650251   4.982756
337.289310   48.120947   2879.377
 0.25000   18.111049  275.449240   4.982756
300.748415   49.203843   2708.548
 0.50000   18.111049  289.061572   4.982756
275.012970   51.829264   2536.326
 0.75000   18.111049  303.211289   4.982756
252.164052   55.714650   2367.885
 1.00000   18.111049  318.692253   4.982756
227.507451   60.414639   2199.818
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    539

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -14.649381 -165.600060   -8.915905
-400.211293  -56.613731   -1251.196
 0.25000  -14.649381 -150.206034   -8.915905
-400.211293  -53.333164   -1315.292
 0.50000  -14.649381 -136.309706   -8.915905
-415.722502  -51.355023   -1379.493
 0.75000  -14.649381 -123.171958   -8.915905
-435.129789  -51.088276   -1443.842
 1.00000  -14.649381 -111.047447   -8.915905
-464.498769  -51.937436   -1508.191

 COMB DL-G1-1 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   14.776527  233.676403  11.240278
459.985621   69.352012   2077.561
 0.25000   14.776527  253.705404  11.240278
468.490468   61.652882   2017.879
 0.50000   14.776527  275.048927  11.240278
476.995316   55.098639   1925.650
 0.75000   14.776527  297.326021  11.240278
485.500163   50.251302   1800.217
 1.00000   14.776527  319.995594  11.240278
494.005010   46.956756   1642.380

 COMB DL-G1-1 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -30.096006 -189.182637   -1.737753
-93.245158  -29.503364  -929.953289
 0.25000  -30.096006 -170.627966   -1.737753
-93.245158  -34.605839  -943.823666
 0.50000  -30.096006 -152.660314   -1.737753
-93.245158  -40.496823  -957.583450
 0.75000  -30.096006 -135.745182   -1.737753
-93.245158  -47.344964  -971.489063
 1.00000  -30.096006 -120.308227   -1.737753
-93.245158  -55.033901  -994.825725

 COMB DL-G1-2 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   34.238377  379.011620  13.405949
596.978680  108.745624   3413.181
 0.25000   34.238377  403.354085  13.405949
600.274926  102.736535   3269.706
 0.50000   34.238377  429.310566  13.405949
603.571171   99.058728   3093.010
 0.75000   34.238377  456.442280  13.405949
606.867417   97.288572   2883.870
 1.00000   34.238377  484.107750  13.405949
610.163663   97.388969   2666.545

 COMB DL-G1-2 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -34.615050 -270.089632   -5.882582
-196.283177  -38.052811   -1646.028
 0.25000  -34.615050 -247.208357   -5.882582
-196.283177  -42.905771   -1664.217
 0.50000  -34.615050 -225.109675   -5.882582
-196.283177  -48.661294   -1682.246
 0.75000  -34.615050 -204.382745   -5.882582
-196.283177  -55.545398   -1700.430
 1.00000  -34.615050 -185.410161   -5.882582
-196.283177  -63.666883   -1733.552

 COMB DL-G1-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   30.715820  430.411563  12.526304
548.709111   96.842926   4063.081
 0.25000   30.715820  452.761816  12.526304
551.076436   90.478348   3867.450
 0.50000   30.715820  476.602888  12.526304
553.443761   86.371811   3642.299
 0.75000   30.715820  501.529288  12.526304
555.811087   84.416513   3395.322
 1.00000   30.715820  526.950207  12.526304
558.178412   84.426544   3122.820
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    540

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -32.685235 -278.056838   -6.117397
-324.975325  -41.817300   -2182.549
 0.25000  -32.685235 -257.009823   -6.117397
-324.975325  -44.571228   -2193.136
 0.50000  -32.685235 -236.688136   -6.117397
-324.975325  -48.644175   -2203.534
 0.75000  -32.685235 -217.603654   -6.117397
-324.975325  -54.007237   -2214.108
 1.00000  -32.685235 -200.190915   -6.117397
-324.975325  -61.629269   -2241.607

 COMB DL-G1-4 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   30.891021  403.195683  12.292648
486.464449   85.179763   3927.878
 0.25000   30.891021  421.825635  12.292648
488.437722   81.035856   3728.486
 0.50000   30.891021  441.699170  12.292648
490.410995   79.000375   3504.799
 0.75000   30.891021  462.475541  12.292648
492.384269   78.992064   3263.547
 1.00000   30.891021  483.665033  12.292648
494.357542   80.860327   3001.439

 COMB DL-G1-4 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -36.935902 -255.540024   -8.231466
-418.016858  -65.709397   -2306.021
 0.25000  -36.935902 -237.996380   -8.231466
-418.016858  -66.943260   -2302.901
 0.50000  -36.935902 -221.057229   -8.231466
-418.016858  -69.847837   -2299.625
 0.75000  -36.935902 -205.149712   -8.231466
-418.016858  -74.785878   -2296.504
 1.00000  -36.935902 -190.635235   -8.231466
-418.016858  -81.479413   -2308.298

 COMB DL-G2-1 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   20.329051  139.128746   1.228770
97.753145   31.640222   1373.368
 0.25000   20.329051  139.136050   1.228770
97.733528   34.665319   1272.610
 0.50000   20.329051  139.143904   1.228770
97.714815   38.414112   1176.735
 0.75000   20.329051  139.152171   1.228770
97.697437   42.222520   1097.373
 1.00000   20.329051  139.160687   1.228770
97.681771   46.245815   1030.169

 COMB DL-G2-1 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   -4.063463  -54.698795   -4.213202
-144.720182   -7.783933  -810.686259
 0.25000   -4.063463  -54.691393   -4.213202
-144.733826   -7.236514  -811.680145
 0.50000   -4.063463  -54.684336   -4.213202
-144.749014   -6.754689  -812.661722
 0.75000   -4.063463  -54.677758   -4.213202
-144.765315   -6.342343  -813.585305
 1.00000   -4.063463  -54.671815   -4.213202
-144.782306   -6.157104  -820.118209

 COMB DL-G2-2 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   18.881384  222.726409   2.865626
108.353135   27.137673   2312.883
 0.25000   18.881384  222.733713   2.865626
108.333518   28.494178   2146.668
 0.50000   18.881384  222.741567   2.865626
108.314805   31.052659   1987.502
 0.75000   18.881384  222.749834   2.865626
108.297427   34.125933   1844.803
 1.00000   18.881384  222.758350   2.865626
108.281761   37.879975   1714.147
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    541

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -11.426647  -89.388449   -5.412055
-323.748177  -26.747109   -1530.318
 0.25000  -11.426647  -89.381047   -5.412055
-323.761821  -24.682940   -1521.887
 0.50000  -11.426647  -89.373989   -5.412055
-323.777009  -23.605130   -1513.419
 0.75000  -11.426647  -89.367412   -5.412055
-323.793310  -23.600159   -1504.917
 1.00000  -11.426647  -89.361469   -5.412055
-323.810301  -24.568918   -1504.820

 COMB DL-G2-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   28.118769  379.318738   8.965283
447.534482   75.863140   3669.533
 0.25000   28.118769  398.794081   8.965283
413.336281   73.252843   3487.509
 0.50000   28.118769  419.654134   8.965283
378.460322   72.162174   3278.191
 0.75000   28.118769  441.539070   8.965283
346.362241   72.557021   3047.743
 1.00000   28.118769  463.970837   8.965283
338.845002   74.453754   2794.396

 COMB DL-G2-3 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -24.839295 -242.891314   -6.944215
-345.811494  -40.816439   -2115.280
 0.25000  -24.839295 -223.848505   -6.944215
-345.800527  -41.061747   -2117.398
 0.50000  -24.839295 -205.576805   -6.944215
-346.037445  -42.539095   -2119.531
 0.75000  -24.839295 -188.479099   -6.944215
-366.300832  -45.680198   -2121.569
 1.00000  -24.839295 -172.985125   -6.944215
-392.520198  -50.237074   -2138.339

 COMB DL-G2-4 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   30.166495  354.602674   8.344210
412.309933   69.484549   3563.892
 0.25000   30.166495  370.821955   8.344210
383.829294   69.070185   3379.998
 0.50000   30.166495  388.194437   8.344210
354.784211   70.245663   3173.661
 0.75000   30.166495  406.420453   8.344210
328.292574   72.971831   2950.036
 1.00000   30.166495  425.101877   8.344210
321.792135   77.311773   2707.587

 COMB DL-G2-4 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -26.746874 -226.439004   -9.878293
-438.457648  -66.223012   -2254.798
 0.25000  -26.746874 -210.579939   -9.878293
-438.448515  -63.834934   -2241.528
 0.50000  -26.746874 -195.363070   -9.878293
-438.645823  -62.963430   -2228.267
 0.75000  -26.746874 -181.040611   -9.878293
-455.521395  -63.998834   -2214.989
 1.00000  -26.746874 -168.220359   -9.878293
-477.357172  -66.752078   -2214.210

 COMB DL-G3-1 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   13.422831   53.865626   0.840192
70.289131   14.146336   739.401789
 0.25000   13.422831   53.872926   0.840192
70.269568   17.892856   694.557546
 0.50000   13.422831   53.880775   0.840192
70.250905   22.074590   649.953401
 0.75000   13.422831   53.889037   0.840192
70.233573   26.734416   605.731803
 1.00000   13.422831   53.897548   0.840192
70.217951   31.940948   561.738556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    542

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   -8.536805  -36.947870   -7.497294
-229.364916  -50.917587   -749.575585
 0.25000   -8.536805  -36.940483   -7.497294
-229.378507  -45.967801   -725.062468
 0.50000   -8.536805  -36.933430   -7.497294
-229.393640  -41.719389   -700.185237
 0.75000   -8.536805  -36.926857   -7.497294
-229.409882  -38.227029   -675.689920
 1.00000   -8.536805  -36.920919   -7.497294
-229.426805  -35.521017   -650.939202

 COMB DL-G3-2 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   18.090317  119.683581   3.782441
95.206101   18.915793   1491.003
 0.25000   18.090317  119.690883   3.782441
95.186515   23.502444   1393.591
 0.50000   18.090317  119.698735   3.782441
95.167830   28.702310   1297.567
 0.75000   18.090317  119.706998   3.782441
95.150479   34.619588   1203.721
 1.00000   18.090317  119.715512   3.782441
95.134839   41.318020   1110.843

 COMB DL-G3-2 ------------------- MIN

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000  -22.106828  -67.275557  -10.411178
-403.313642  -84.483278   -1374.336
 0.25000  -22.106828  -67.268159  -10.411178
-403.327256  -79.463035   -1341.015
 0.50000  -22.106828  -67.261105  -10.411178
-403.342412  -76.157888   -1307.718
 0.75000  -22.106828  -67.254530  -10.411178
-403.358680  -74.329420   -1274.557
 1.00000  -22.106828  -67.248590  -10.411178
-403.375628  -73.891267   -1245.025

 COMB DL-G3-3 ------------------- MAX

 REL DIST              P              V2             V3
        T              M2             M3
 0.00000   22.424575  209.149292   2.801508
122.266596   24.591266   2421.872
 0.25000   22.424575  209.228152   2.801508
122.055064   28.860263   2259.602
 0.50000   22.424575  209.312948   2.801508
121.853271   33.928889   2099.388
 0.75000   22.424575  209.402198   2.801508
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121.665876    39.830360    1944.725
 1.00000    22.424575   209.494144     2.801508
121.496967    46.598468    1795.690

 COMB DL-G3-3 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -17.697292   -96.998193   -10.546396
-488.607932   -72.939401    -1919.078
 0.25000   -17.697292   -96.918294   -10.546396
-488.754962   -79.463035    -1884.763
 0.50000   -17.697292   -96.842105   -10.546396
-488.918651   -61.995747    -1850.458
 0.75000   -17.697292   -96.771095   -10.546396
-489.094344   -58.584730    -1816.283
 1.00000   -17.697292   -96.706942   -10.546396
-489.277389   -56.588801    -1787.894

 COMB DL-G3-4 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    33.688864   314.045484     5.955311
357.487626    60.640875    3260.971
 0.25000    33.688864   325.736945     5.955311
330.374366    63.535288    3081.065
 0.50000    33.688864   338.284938     5.955311
304.406971    67.755645    2886.016
 0.75000    33.688864   351.471216     5.955311
280.304584    73.206630    2682.052
 1.00000    33.688864   365.026699     5.955311
258.673587    80.009536    2467.151
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    543

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -22.968563   -192.683439   -11.901267
-468.295185   -71.366696    -2209.915
 0.25000   -22.968563   -181.027401   -11.901267
-478.512666   -66.943476    -2197.564
 0.50000   -22.968563   -169.879747   -11.901267
-498.069006   -67.745305    -2186.192
 0.75000   -22.968563   -159.471712   -11.901267
-519.162478   -62.188476    -2166.842
 1.00000   -22.968563   -150.060740   -11.901267
-541.125425   -62.272189    -2189.581

 COMB      DB ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    23.253243   389.865406     9.816781
573.061016    95.053067    3907.564
 0.25000    23.253243   415.746052     9.816781
573.061016    89.045290    3733.820
 0.50000    23.253243   443.455847     9.816781
573.061016    85.798442    3544.566
 0.75000    23.253243   472.411051     9.816781
573.061016    84.474917    3344.862
 1.00000    23.253243   501.796943     9.816781
573.061016    84.500551    3130.897

 COMB      DB ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -17.432372   -282.039875    -8.915905
-421.959755   -71.655651    -1329.421
 0.25000   -17.432372   -250.398757    -8.915905
-421.979289   -66.756037    -1412.947
 0.50000   -17.432372   -219.606371    -8.915905
-422.005801   -64.358504    -1496.483
 0.75000   -17.432372   -191.977385    -8.915905
-435.129789   -64.177714    -1580.047
 1.00000   -17.432372   -167.572712    -8.915905
-464.498769   -65.120270    -1663.684

 COMB      DL ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    34.238377   430.411563    13.405949
596.978680   108.745624    4063.081
 0.25000    34.238377   452.761816    13.405949
600.274926   102.736535    3867.450
 0.50000    34.238377   476.603988    13.405949
603.571171    99.058728    3642.299
 0.75000    34.238377   501.529288    13.405949
606.867417    97.288572    3395.322
 1.00000    34.238377   526.950207    13.405949
610.163663    97.388969    3122.820

 COMB      DL ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -36.935902   -278.056838   -11.901267
-488.607932   -84.483278    -2306.021
 0.25000   -36.935902   -257.009823   -11.901267
-488.754962   -79.463035    -2302.901
 0.50000   -36.935902   -236.688136   -11.901267
-498.069006   -76.157888    -2299.625
 0.75000   -36.935902   -217.603854   -11.901267
-519.162478   -74.785878    -2296.504
 1.00000   -36.935902   -200.190915   -11.901267
-541.125425   -81.479413    -2308.298

 COMB      CAR ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    34.238377   430.411563    13.405949
596.978680   108.745624    4063.081
 0.25000    34.238377   452.761816    13.405949
600.274926   102.736535    3867.450
 0.50000    34.238377   476.603988    13.405949
603.571171    99.058728    3642.299
 0.75000    34.238377   501.529288    13.405949
606.867417    97.288572    3395.322
 1.00000    34.238377   526.950207    13.405949
610.163663    97.388969    3130.897
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    544

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -36.935902   -282.039875   -11.901267
-488.607932   -84.483278    -2306.021
 0.25000   -36.935902   -257.009823   -11.901267
-488.754962   -79.463035    -2302.901
 0.50000   -36.935902   -236.688136   -11.901267
-498.069006   -76.157888    -2299.625
 0.75000   -36.935902   -217.603854   -11.901267
-519.162478   -74.785878    -2296.504
 1.00000   -36.935902   -200.190915   -11.901267
-541.125425   -81.479413    -2308.298

 COMB    DESIGN ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    34.238377   430.411563    13.405949
596.978680   108.745624    4063.081
 0.25000    34.238377   452.761816    13.405949
600.274926   102.736535    3867.450
 0.50000    34.238377   476.603988    13.405949
603.571171    99.058728    3642.299
 0.75000    34.238377   501.529288    13.405949
606.867417    97.288572    3395.322
 1.00000    34.238377   526.950207    13.405949
610.163663    97.388969    3130.897

 COMB    DESIGN ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -36.935902   -282.039875   -11.901267
-488.607932   -84.483278    -2306.021
 0.25000   -36.935902   -257.009823   -11.901267
-488.754962   -79.463035    -2302.901
 0.50000   -36.935902   -236.688136   -11.901267
-498.069006   -76.157888    -2299.625
 0.75000   -36.935902   -217.603854   -11.901267
-519.162478   -74.785878    -2296.504
 1.00000   -36.935902   -200.190915   -11.901267
-541.125425   -81.479413    -2308.298

ELEM      20 ================== LENGTH
=     4.988395

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.902680   274.059475     7.834344
519.384394    43.669284    1788.357
 0.25000    11.902680   296.686184     7.834344
519.384394    36.234040    1689.618
 0.50000    11.902680   320.812115     7.834344
519.384394    29.839399    1562.369
 0.75000    11.902680   345.906501     7.834344
519.384394    24.332198    1404.090
 1.00000    11.902680   370.504093     7.834344
519.384394    19.772491    1215.495

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.034267   -167.126968    -0.599074
-73.918043   -35.711460   -738.673414
 0.25000   -11.034267   -143.022793    -0.599074
-73.918043   -38.820461   -803.821516
 0.50000   -11.034267   -119.082730    -0.599074
-73.918043   -41.943360   -869.201175
 0.75000   -11.034267    -96.711412    -0.599074
-73.918043   -45.080204   -934.580905
 1.00000   -11.034267    -76.319431    -0.599074
-73.918043   -48.251508   -999.960713

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    23.716408   425.875535    10.338279
631.249791    83.723223    2835.652
 0.25000    23.716408   454.279091    10.338279
631.249791    76.148989    2621.327
 0.50000    23.716408   484.495515    10.338279
631.249791    69.714961    2389.335
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    545

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000    23.716408   515.895106    10.338279
631.249791    64.532139    2143.061
 1.00000    23.716408   547.482856    10.338279
631.249791    60.568069    1877.940

 COMB DB-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.249318   -223.906836    -1.313773
-173.118716   -42.410276    -1279.743
 0.25000   -15.249318   -192.891062    -1.313773
-173.118716   -46.396220    -1380.302
 0.50000   -15.249318   -162.846883    -1.313773
-173.118716   -50.399876    -1481.126
 0.75000   -15.249318   -134.713359    -1.313773
-173.118716   -54.408654    -1581.953
 1.00000   -15.249318   -108.974919    -1.313773
-173.118716   -58.439880    -1682.781

 COMB DB-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    20.445148   462.656978     9.324488
548.949544    70.617209    3130.036
 0.25000    20.445148   488.737819     9.324488
548.949544    63.392019    2857.692
 0.50000    20.445148   516.480312     9.324488
548.949544    57.327847    2570.750
 0.75000    20.445148   545.306235     9.324488
548.949544    52.590050    2275.795
 1.00000    20.445148   574.367021     9.324488
548.949544    49.224138    1971.985

 COMB DB-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.758912   -225.109955    -2.017365
-313.880834   -40.104457    -1621.672
 0.25000   -14.758912   -196.570990    -2.017365
-313.880834   -43.106920    -1729.266
 0.50000   -14.758912   -168.982686    -2.017365
-313.880834   -46.661662    -1837.097
 0.75000   -14.758912   -143.144006    -2.017365
-313.880834   -50.497266    -1944.987
 1.00000   -14.758912   -119.499832    -2.017365
-313.880834   -54.422390    -2052.956

 COMB DB-G1-4 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    20.670098   423.318300     8.128105
481.121064    65.702713    2893.598
 0.25000    20.670098   445.052333     8.128105
481.121064    60.859832    2624.029
 0.50000    20.670098   468.171078     8.128105
481.121064    57.022504    2344.399
 0.75000    20.670098   492.192680     8.128105
481.121064    54.371053    2060.653
 1.00000    20.670098   516.410002     8.128105
481.121064    52.870440    1771.870

 COMB DB-G1-4 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -17.922563   -203.222965    -4.557081
-415.033056   -60.761453    -1663.565
 0.25000   -17.922563   -179.440494    -4.557081
-415.033056   -61.991307    -1754.203
 0.50000   -17.922563   -156.450241    -4.557081
-415.033056   -64.175407    -1845.080
 0.75000   -17.922563   -134.918008    -4.557081
-415.033056   -66.844487    -1936.139
 1.00000   -17.922563   -115.214529    -4.557081
-415.033056   -69.805443    -2027.300

 COMB DB-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.427162   137.719670     1.524865
75.133281    34.481059   991.731780
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    546

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000    11.427162   137.732219     1.524865
75.090645    35.090575   850.054874
 0.50000    11.427162   137.745492     1.524865
75.054201    35.700604   732.018874
 0.75000    11.427162   137.759221     1.524865
75.019485    36.355062   643.582143
 1.00000    11.427162   137.774545     1.524865
74.986870    37.024132   578.245422

 COMB DB-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -2.642647   -27.198703    -0.749039
-150.263840    -3.943171   -600.228456
 0.25000    -2.642647   -27.183547    -0.749039
-150.285766    -4.318840   -633.483756
 0.50000    -2.642647   -27.170245    -0.749039
-150.312622    -4.704237   -666.739117
 0.75000    -2.642647   -27.157676    -0.749039
-150.347106    -5.092058   -699.995582
 1.00000    -2.642647   -27.146076    -0.749039
-150.387277    -5.484107   -733.252414

 COMB DB-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.925485   209.392016     1.751693
65.357135    27.785493    1510.578
 0.25000    10.925485   209.404566     1.751693
65.314484    28.208175    1293.831
 0.50000    10.925485   209.417840     1.751693
65.278028    28.875692    1081.300
 0.75000    10.925485   209.431570     1.751693
65.243299    29.902737    943.402988
 1.00000    10.925485   209.446895     1.751693
65.210673    31.231888    818.444348

 COMB DB-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.899450   -49.071466    -2.732963
-340.305401    -20.409990    -1073.400
 0.25000    -7.899450   -49.056308    -2.732963
-340.327336    -20.327301    -1118.580
 0.50000    -7.899450   -49.041004    -2.732963
-340.354252    -21.068998    -1163.760
 0.75000    -7.899450   -49.030435    -2.732963
-340.388746    -22.099907    -1209.073
 1.00000    -7.899450   -49.018834    -2.732963
-340.428932    -23.243034    -1254.500

 COMB DB-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    17.134504   397.662187     6.737127
401.779039    60.027117    2713.371
 0.25000    17.134504   419.496415     6.737127
373.708796    56.209142    2460.715
 0.50000    17.134504   442.658986     6.737127
342.462105    53.410431    2197.006
 0.75000    17.134504   466.674559     6.737127
325.859117    51.905893    1928.388
 1.00000    17.134504   492.117214     6.737127
325.859117    51.335767    1653.703

 COMB DB-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.767936   -193.850830    -2.873651
-347.640214    -37.783814    -1545.449
 0.25000   -14.767936   -168.775445    -2.873651
-347.640214    -39.722292    -1634.065
 0.50000   -14.767936   -145.655964    -2.873651
-347.640214    -42.392394    -1722.835
 0.75000   -14.767936   -123.911308    -2.873651
-347.640214    -45.334067    -1811.722
 1.00000   -14.767936   -103.912830    -2.873651
-353.494273    -48.395615    -1900.706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    547

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -18.251257   362.704442     5.800019
366.462419    60.704982    2512.130
 0.25000   -18.251257   380.889286     5.800019
343.097895    59.132413    2266.056
 0.50000   -18.251257   400.160522     5.800019
317.088450    58.409354    2012.081
 0.75000   -18.251257   420.182246     5.800019
303.367875    58.735920    1755.935
 1.00000   -18.251257   441.371208     5.800019
303.367875    59.846090    1497.689

 COMB DB-G2-4 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.874999   -176.792438    -5.649178
-441.705896    -54.634285    -1580.860
 0.25000   -15.874999   -155.909436    -5.649178
-441.705896    -53.554405    -1639.177
 0.50000   -15.874999   -136.654182    -5.649178
-441.705896    -53.446377    -1723.822
 0.75000   -15.874999   -118.544059    -5.649178
-441.705896    -54.017914    -1795.571
 1.00000   -15.874999   -101.886774    -5.649178
-446.433738    -55.048498    -1867.624

 COMB DB-G3-1 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    6.394088   43.882311     0.392835
56.707394    21.484665    363.904378
 0.25000    6.394088   43.894866     0.392835
56.664665    23.960357    314.873343
 0.50000    6.394088   43.908145     0.392835
56.628149    26.482659    267.489464
 0.75000    6.394088   43.921881     0.392835
56.593361    29.032434    222.453095
 1.00000    6.394088   43.937216     0.392835
56.560676    31.587440    183.584860

 COMB DB-G3-1 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -6.686736   -23.183431    -5.346995
-230.188563    -32.346550    -432.885201
 0.25000   -6.686736   -23.168653    -5.346995
-230.210540    -27.504551    -426.729871
 0.50000   -6.686736   -23.155344    -5.346995
-230.237756    -23.128596    -420.639645
 0.75000   -6.686736   -23.142768    -5.346995
-230.272308    -19.255534    -414.693761
 1.00000   -6.686736   -23.131162    -5.346995
-230.312567    -15.887949    -409.393754

 COMB DB-G3-2 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.193357   100.397438     1.155410
76.795026    27.375714    774.755136
 0.25000    10.193357   100.409987     1.155410
76.752390    30.658052    663.812089
 0.50000    10.193357   100.423260     1.155410
76.715946    34.726364    558.803961
 0.75000    10.193357   100.436989     1.155410
76.681229    37.775719    460.549231
 1.00000    10.193357   100.452313     1.155410
76.648615    41.471172    372.864993

 COMB DB-G3-2 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.528369   -42.374029    -8.252269
-408.880845    -65.737539    -832.550319
 0.25000   -15.528369   -42.358873    -8.252269
-408.902772    -60.917568    -832.928825
 0.50000   -15.528369   -42.345570    -8.252269
-408.929628    -57.023628    -833.448441
 0.75000   -15.528369   -42.333002    -8.252269
-408.964111    -53.750347    -834.384681
 1.00000   -15.528369   -42.321402    -8.252269
-409.004283    -51.102568    -835.577432
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    548

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.417182   186.256914     1.119165
69.594646    30.448151    1399.845
 0.25000    11.417182   186.268209     1.119165
69.556260    33.174049    1200.829
 0.50000    11.417182   186.280155     1.119165
69.523450    36.126453    1015.830
 0.75000    11.417182   186.292513     1.119165
69.492194    39.406004    850.254017
 1.00000    11.417182   186.306306     1.119165
69.462830    42.949303    708.490001

 COMB DB-G3-3 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.174079   -59.663250    -7.554411
-506.282606    -49.294073    -1243.377
 0.25000   -12.174079   -59.649608    -7.554411
-506.302347    -44.044973    -1267.073
 0.50000   -12.174079   -59.637634    -7.554411
-506.326572    -40.025329    -1290.906
 0.75000   -12.174079   -59.626321    -7.554411
-506.357617    -36.892230    -1315.128
 1.00000   -12.174079   -59.615881    -7.554411
-506.393784    -34.450885    -1339.651

 COMB DB-G3-4 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    18.200481   311.752585     4.230678
310.616912    59.219958    2201.172
 0.25000    18.200481   324.544172     4.230678
276.328406    60.048912    1964.397
 0.50000    18.200481   338.093244     4.230678
253.533793    61.652954    1728.108
 0.75000    18.200481   352.124534     4.230678
229.408764    63.854572    1499.133
 1.00000    18.200481   367.395275     4.230678
212.524789    66.728293    1278.956

 COMB DB-G3-4 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.215812   -142.815738    -6.782299
-474.198924    -52.276204    -1508.252
 0.25000   -15.215812   -127.737251    -6.782299
-474.198924    -49.138560    -1563.541
 0.50000   -15.215812   -114.184951    -6.782299
-483.104155    -47.059713    -1619.021
 0.75000   -15.215812   -101.408802    -6.782299
-503.239199    -45.689298    -1674.828
 1.00000   -15.215812    -89.631149    -6.782299
-528.194327    -44.885053    -1730.893

 COMB DL-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.385283   296.928032    10.733626
594.247500    45.195410    1640.274
 0.25000    15.385283   318.436978    10.733626
602.754004    39.015787    1524.888
 0.50000    15.385283   341.225259    10.733626
611.260508    33.706103    1423.459
 0.75000    15.385283   364.831640    10.733626
619.767012    29.782798    1313.808
 1.00000    15.385283   388.797153    10.733626
628.273516    27.398604    1198.803

 COMB DL-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -30.369554   -157.254474    -1.292195
-146.977453    -64.193302    -994.215158
 0.25000   -30.369554   -140.350413    -1.292195
-146.977453    -60.231166    -1062.143
 0.50000   -30.369554   -124.065532    -1.292195
-146.977453    -67.015556    -1184.148
 0.75000   -30.369554   -108.864314    -1.292195
-146.977453    -74.551660    -1345.743
 1.00000   -30.369554    -95.147474    -1.292195
-146.977453    -82.944381    -1539.432
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    549

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    34.928388   476.513436    13.935629
730.316201    95.281113    2664.280
 0.25000    34.928388   502.518461    13.935629
733.613089    88.352033    2424.556
 0.50000    34.928388   530.107268    13.935629
736.909977    82.635085    2234.056
 0.75000    34.928388   558.742603    13.935629
740.206865    78.542183    2064.252
 1.00000    34.928388   587.873747    13.935629
743.503752    76.031900    1911.620

 COMB DL-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -35.099885   -225.104951    -2.482195
-273.239697    -62.043169    -1732.943
 0.25000   -35.099885   -204.149555    -2.482195
-273.239697    -69.453677    -1821.236
 0.50000   -35.099885   -184.002721    -2.482195
-273.239697    -77.615454    -2000.315
 0.75000   -35.099885   -165.225303    -2.482195
-273.239697    -86.691698    -2245.341
 1.00000   -35.099885   -148.307096    -2.482195
-273.239697    -96.793456    -2548.586

 COMB DL-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    31.260027   537.549407    12.619237
646.619050    81.901313    3121.503
 0.25000    31.260027   561.420218    12.619237
648.986836    76.438021    2810.850
 0.50000    31.260027   586.750207    12.619237
651.354623    72.438783    2561.641
 0.75000    31.260027   613.045448    12.619237
653.722409    70.045456    2351.055
 1.00000    31.260027   639.802388    12.619237
656.090196    69.208707    2171.233

 COMB DL-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -33.038717   -237.251131    -3.778061
-425.565901    -60.268355    -2241.070
 0.25000   -33.038717   -217.965374    -3.778061
-425.565901    -66.137941    -2316.410
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 0.50000   -33.038717  -199.428001    -3.778061
-425.565901   -73.281899   -2489.944
 0.75000   -33.038717  -182.152491    -3.778061
-425.565901   -81.538968   -2743.249
 1.00000   -33.038717  -166.588619    -3.778061
-425.565901   -90.775946   -3069.882

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   31.472320  496.626827   10.916577
584.939124   78.330868   3001.129
 0.25000   31.472320  516.524067   10.916577
586.912781   75.625663   2695.040
 0.50000   31.472320  537.637932   10.916577
588.886439   74.339385   2443.683
 0.75000   31.472320  559.556211   10.916577
590.860097   74.627653   2239.862
 1.00000   31.472320  581.859338   10.916577
592.833755   76.440079   2067.860

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -37.190875  -221.759697    -6.915283
-543.653329   -80.318964   -2308.007
 0.25000  -37.190875  -205.684140    -6.915283
-543.653329   -83.199862   -2355.442
 0.50000  -37.190875  -190.232397    -6.915283
-543.653329   -87.427106   -2487.891
 0.75000  -37.190875  -175.832474    -6.915283
-543.653329   -92.895281   -2701.603
 1.00000  -37.190875  -162.859279    -6.915283
-543.653329   -99.514591   -2981.686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       550

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.326741  172.488065    1.888959
68.077910   45.994800   1030.419
 0.25000   20.326741  172.495661    1.888959
68.058047   46.251560   887.711443
 0.50000   20.326741  172.503820    1.888959
68.039074   46.592500   784.010793
 0.75000   20.326741  172.512371    1.888959
68.021392   47.025635   717.917021
 1.00000   20.326741  172.521158    1.888959
68.005372   47.567445   683.475718

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.206644  -47.179047    -1.211787
-166.611549   -5.610621  -820.010299
 0.25000   -4.206644  -47.172095    -1.211787
-166.625212   -6.149993  -831.692209
 0.50000   -4.206644  -47.165489    -1.211787
-166.640483   -6.775630  -878.643912
 0.75000   -4.206644  -47.159359    -1.211787
-166.656935   -7.493426  -951.143421
 1.00000   -4.206644  -47.153855    -1.211787
-166.674183   -8.324606   -1054.084

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.875031  270.804820    2.091179
70.296691   36.917394   1715.340
 0.25000   18.875031  270.812416    2.091179
70.276829   38.279429   1481.711
 0.50000   18.875031  270.820575    2.091179
70.257855   40.172113   1302.276
 0.75000   18.875031  270.829426    2.091179
70.240173   42.463569   1182.610
 1.00000   18.875031  270.837914    2.091179
70.224153   45.103413   1109.115

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.441926  -81.535418    -3.981417
-388.757618   -24.368216   -1504.773
 0.25000  -11.441926  -81.528467    -3.981417
-388.771280   -23.625420   -1506.071
 0.50000  -11.441926  -81.521850    -3.981417
-388.786551   -23.584344   -1554.297
 0.75000  -11.441926  -81.515731    -3.981417
-388.803003   -24.046626   -1648.806
 1.00000  -11.441926  -81.510227    -3.981417
-388.820251   -24.801584   -1790.454

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   28.532082  468.274707    8.820580
486.032023   72.468749   2794.212
 0.25000   28.532082  488.787801    8.820580
451.266711   68.222664   2507.160
 0.50000   28.532082  510.691965    8.820580
415.579859   68.480400   2274.547
 0.75000   28.532082  533.544683    8.820580
390.804232   68.110234   2079.279
 1.00000   28.532082  556.929700    8.820580
382.406098   68.993665   1912.871

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.115894  -212.545599    -4.560977
-440.639796   -49.228320   -2137.987
 0.25000  -25.115894  -194.876694    -4.560977
-440.642822   -52.226080   -2184.419
 0.50000  -25.115894  -177.987566    -4.560977
-440.646688   -56.226031   -2368.787
 0.75000  -25.115894  -162.271918    -4.560977
-448.159075   -61.109261   -2561.826
 1.00000  -25.115894  -148.148674    -4.560977
-474.222056   -66.766860   -2892.847
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       551

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   30.623700  431.410851    7.608043
467.954570   75.155680   2708.244
 0.25000   30.623700  448.494382    7.608043
439.001635   75.658922   2428.393
 0.50000   30.623700  466.736412    7.608043
409.281231   77.305201   2195.234
 0.75000   30.623700  485.768408    7.608043
388.647816   80.087768   2009.288
 1.00000   30.623700  505.243707    7.608043
381.653757   84.185131   1851.584

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -27.081636  -202.451484    -8.346140
-560.188276   -65.672397   -2214.148
 0.25000  -27.081636  -187.736625    -8.346140
-560.190796   -65.260550   -2233.212
 0.50000  -27.081636  -173.671172    -8.346140
-560.194016   -66.092148   -2368.253
 0.75000  -27.081636  -160.583008    -8.346140
-566.450415   -68.122828   -2526.354
 1.00000  -27.081636  -148.821014    -8.346140
-588.155953   -71.220461   -2803.084

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.583216  57.670199    0.491304
111.469989   31.199268   562.969373
 0.25000   13.583216  57.677792    0.491304
111.450177   35.517294   506.540871
 0.50000   13.583216  57.685946    0.491304
111.431252   40.266056   451.394950
 0.75000   13.583216  57.694493    0.491304
111.413615   45.533576   420.273669
 1.00000   13.583216  57.703275    0.491304
111.397636   51.348540   395.921254

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.717393  -40.468202    -7.647383
-292.833344   -35.037678   -651.411988
 0.25000   -8.717393  -40.461257    -7.647383
-292.846953   -30.071594   -618.036581
 0.50000   -8.717393  -40.454656    -7.647383
-292.862165   -25.683105   -585.897078
 0.75000   -8.717393  -40.448532    -7.647383
-292.878557   -22.033487   -577.256424
 1.00000   -8.717393  -40.443033    -7.647383
-292.895741   -19.167647   -574.595174

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.369993  132.346971    1.180897
147.960947   40.129983   1112.964
 0.25000   18.369993  132.354565    1.180897
147.941114   45.900084   986.296480
 0.50000   18.369993  132.362722    1.180897
147.922168   52.292899   869.729498
 0.75000   18.369993  132.371270    1.180897
147.904511   59.498866   796.952170
 1.00000   18.369993  132.380055    1.180897
147.888515   67.531357   742.033476

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.187530  -70.154575   -11.336204
-514.288304   -73.539321   -1245.608
 0.25000  -22.187530  -70.147627   -11.336204
-514.301936   -67.129472   -1199.900
 0.50000  -22.187530  -70.141023   -11.336204
-514.317173   -61.567388   -1163.190
 0.75000  -22.187530  -70.134897   -11.336204
-514.333591   -56.987599   -1167.823
 1.00000  -22.187530  -70.129396   -11.336204
-514.350802   -53.454985   -1187.907
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       552

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.613764  245.486503    1.310547
133.388552   44.955185   1798.060
 0.25000   22.613764  245.588515    1.310547
133.174353   50.552142   1575.413
 0.50000   22.613764  245.656605    1.310547
132.969735   56.934438   1387.590
 0.75000   22.613764  245.748928    1.310547
132.779046   64.085694   1262.526
 1.00000   22.613764  245.843801    1.310547
132.606286   72.083630   1174.413

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.821926  -97.597516   -10.785460
-607.244488   -55.926469   -1788.377
 0.25000  -17.821926  -97.522479   -10.785460
-607.391712   -50.131020   -1749.971
 0.50000  -17.821926  -97.451163   -10.785460
-607.556277   -45.283919   -1743.078
 0.75000  -17.821926  -97.384999   -10.785460
-607.736586   -41.316116   -1793.713
 1.00000  -17.821926  -97.325582   -10.785460
-607.919468   -38.306021   -1884.920

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   33.980476  378.064806    5.435227
393.431476   78.300378   2468.512
 0.25000   33.980476  390.292405    5.435227
365.695814   81.124916   2202.537
 0.50000   33.980476  403.393971    5.435227
339.118328   84.940959   1980.790
 0.75000   33.980476  417.088175    5.435227
314.322888   90.035444   1813.965
 1.00000   33.980476  431.141433    5.435227
291.942270   96.162193   1678.984

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -23.294086  -176.884816    -9.926862
-589.023938   -61.167694   -2189.783
 0.25000  -23.294086  -165.991212    -9.926862
-594.370718   -58.299018   -2191.722
 0.50000  -23.294086  -155.614267    -9.926862
-613.839664   -56.522946   -2252.690
 0.75000  -23.294086  -145.972752    -9.926862
-634.963230   -55.761404   -2378.851
 1.00000  -23.294086  -137.316801    -9.926862
-657.103975   -56.087268   -2565.462

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   23.716408  462.656978   10.338279
631.249791   83.723223   3130.036
 0.25000   23.716408  488.737819   10.338279
631.249791   79.144889   2857.692
 0.50000   23.716408  516.480312   10.338279
631.249791   69.714961   2570.750
 0.75000   23.716408  545.306235   10.338279
631.249791   64.532139   2275.795
 1.00000   23.716408  574.367021   10.338279
631.249791   66.728293   1971.985

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.922563  -225.109955    -8.252269
-506.282606   -65.737539   -1693.565
 0.25000  -17.922563  -196.570890    -8.252269
-506.302347   -61.991307   -1754.203
 0.50000  -17.922563  -168.982686    -8.252269
-506.326572   -64.175407   -1845.080
 0.75000  -17.922563  -143.144006    -8.252269
-506.357617   -66.844487   -1944.987
 1.00000  -17.922563  -119.495832    -8.252269
-528.194327   -69.805443   -2052.956
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       553

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   34.928388  537.549407   13.935629
730.316201   95.281113   3121.503
 0.25000   34.928388  561.420018   13.935629
733.613089   88.352033   2810.850
 0.50000   34.928388  586.750207   13.935629
736.909977   84.940959   2561.641
 0.75000   34.928388  613.045448   13.935629
740.206865   90.035444   2351.055
 1.00000   34.928388  639.802388   13.935629
743.503752   96.162193   2171.233

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -37.190875  -237.251131   -11.336204
-607.244488   -80.318964   -2308.007
 0.25000  -37.190875  -217.965374   -11.336204
-607.391712   -83.199862   -2355.442
 0.50000  -37.190875  -199.428001   -11.336204
-613.839664   -87.427106   -2489.944
 0.75000  -37.190875  -182.152491   -11.336204
-634.963230   -92.895281   -2743.249
 1.00000  -37.190875  -166.588619   -11.336204
-657.103975   -99.514591   -3069.882

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   34.928388  537.549407   13.935629
730.316201   95.281113   3130.036
 0.25000   34.928388  561.420018   13.935629
733.613089   88.352033   2857.692
 0.50000   34.928388  586.750207   13.935629
736.909977   84.940959   2570.750
 0.75000   34.928388  613.045448   13.935629
740.206865   90.035444   2351.055
 1.00000   34.928388  639.802388   13.935629
743.503752   96.162193   2171.233

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -37.190875  -237.251131   -11.336204
-607.244488   -80.318964   -2308.007
 0.25000  -37.190875  -217.965374   -11.336204
-607.391712   -83.199862   -2355.442
 0.50000  -37.190875  -199.428001   -11.336204
-613.839664   -87.427106   -2489.944
 0.75000  -37.190875  -182.152491   -11.336204
-634.963230   -92.895281   -2743.249
 1.00000  -37.190875  -166.588619   -11.336204
-657.103975   -99.514591   -3069.882

 COMB    DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   34.928388  537.549407   13.935629
730.316201   95.281113   3130.036
 0.25000   34.928388  561.420018   13.935629
733.613089   88.352033   2857.692
 0.50000   34.928388  586.750207   13.935629
736.909977   84.940959   2570.750
 0.75000   34.928388  613.045448   13.935629
740.206865   90.035444   2351.055
 1.00000   34.928388  639.802388   13.935629
743.503752   96.162193   2171.233

 COMB    DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -37.190875  -237.251131   -11.336204
-607.244488   -80.318964   -2308.007
 0.25000  -37.190875  -217.965374   -11.336204
-607.391712   -83.199862   -2355.442
 0.50000  -37.190875  -199.428001   -11.336204
-613.839664   -87.427106   -2489.944
 0.75000  -37.190875  -182.152491   -11.336204
-634.963230   -92.895281   -2743.249
 1.00000  -37.190875  -166.588619   -11.336204
-657.103975   -99.514591   -3069.882
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       554

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       21 ==================== LENGTH
=    4.987567

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.400575  335.650179    3.814057
537.816934   18.946187   1213.927
 0.25000   12.400575  358.912334    3.814057
537.816934   16.003221   1035.932
 0.50000   12.400575  383.542980    3.814057
537.816934   14.181406   829.892666
 0.75000   12.400575  409.013759    3.814057
537.816934   13.964727   595.625229
 1.00000   12.400575  433.816524    3.814057
537.816934   15.829956   381.029115

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.539143  -104.321157    -5.376951
-174.483853   -47.572792   -999.458334
 0.25000  -11.539143   -82.127538    -5.376951
-174.483853   -43.463417   -1099.398
 0.50000  -11.539143   -60.093201    -5.376951
-174.483853   -39.458571   -1199.574
 0.75000  -11.539143   -39.626183    -5.376951
-174.483853   -35.613090   -1300.567
 1.00000  -11.539143   -30.947563    -5.376951
-174.483853   -32.080976   -1401.649

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   24.216429  510.725164   17.411329
617.804685   59.911907   1876.500
 0.25000   24.216429  539.818454   17.411329
617.804685   39.181099   1557.168
 0.50000   24.216429  570.548923   17.411329
617.804685   21.008474   1223.429
 0.75000   24.216429  602.282634   17.411329
617.804685   15.387119   896.470059
 1.00000   24.216429  634.030459   17.411329
617.804685   12.945492   613.615721

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.972676  -150.430459    -3.362553
-308.581029   -57.193064   -1682.158
 0.25000  -15.972676  -121.632718    -3.362553
-308.581029   -55.357492   -1822.999
 0.50000  -15.972676   -93.801396    -3.362553
-308.581029   -54.326687   -1964.095
 0.75000  -15.972676   -67.887828    -3.362553
-308.581029   -55.071880   -2106.014
 1.00000  -15.972676   -53.983702    -3.362553
-308.581029   -65.074749   -2248.293

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.792314  544.955080   13.012547
584.236369   47.683518   1971.292
 0.25000   20.792314  571.661409   13.012547
584.236369   33.244756   1604.271
 0.50000   20.792314  599.867053   13.012547
584.236369   20.288484   1267.673
 0.75000   20.792314  628.990148   13.012547
584.236369   16.276808   991.013403
 1.00000   20.792314  658.189653   13.012547
584.236369   14.085146   744.508458

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.475653  -158.427456    -3.111458
-447.007746   -53.759069   -2052.467
 0.25000  -15.475653  -131.899651    -3.111458
-447.007746   -52.039465   -2186.707
 0.50000  -15.475653  -106.329483    -3.111458
-447.007746   -50.749158   -2321.360
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       555

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000  -15.475653  -82.516702    -3.111458
-447.007746   -50.391824   -2456.891
 1.00000  -15.475653  -69.524629    -3.111458
-447.007746   -55.009923   -2592.777

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.102847  491.658557   11.113190
546.417491   51.678934   1771.668
 0.25000   21.102847  513.913831   11.113190
546.417491   40.615227   1462.359
 0.50000   21.102847  537.418534   11.113190
546.417491   31.350821   1184.509
 0.75000   21.102847  561.687780   11.113190
546.417491   30.286867   956.766265
 1.00000   21.102847  586.020701   11.113190
546.417491   32.510263   754.097024

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.601963  -146.976353    -9.741861
-533.503926   -69.547821   -2027.068
 0.25000  -18.601963  -124.869850    -9.741861
-533.503926   -59.527297   -2127.344
 0.50000  -18.601963  -103.561376    -9.741861
-533.503926   -50.135737   -2228.429
 0.75000  -18.601963   -83.717292    -9.741861
-533.503926   -42.766667   -2330.810
 1.00000  -18.601963   -72.890664    -9.741861
-533.503926   -46.809612   -2433.776

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.338466  155.862307   13.044320
50.539691   37.333965   578.615063
 0.25000   11.338466  155.874967   13.044320
50.495020   21.208526   420.625170
 0.50000   11.338466  155.888248   13.044320
50.455835    5.395952   291.210960
 0.75000   11.338466  155.901886   13.044320
50.424006    4.478208   255.796232
 1.00000   11.338466  155.917077   13.044320
50.407407    4.930149   240.572338

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.832635  -25.960110    -0.405847
-181.689088   -5.029371   -733.208962
 0.25000   -2.832635  -25.945301    -0.405847
-181.701116   -6.953585   -765.114165
 0.50000   -2.832635  -25.932637    -0.405847
-181.734152   -9.808708   -797.424879
 0.75000   -2.832635  -25.920739    -0.405847
-181.770673  -14.483385  -829.681242
 1.00000   -2.832635  -25.910001    -0.405847
-181.812938  -28.503250  -862.114970

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.810181  230.139089    9.100827
97.549147   30.596239   819.593318
 0.25000   10.810181  230.151750    9.100827
97.547461   20.342308   605.105844
 0.50000   10.810181  230.165032    9.100827
97.508264   11.724707   470.783395
 0.75000   10.810181  230.178670    9.100827
97.476354   13.286726   443.835883
 1.00000   10.810181  230.193863    9.100827
97.459716   17.914257   435.680814

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.071264  -47.502713    -5.650548
-379.996236   -23.541669   -1254.589
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                       556

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -8.071264  -47.487901    -5.650548
-380.008346   -19.103664   -1284.740
 0.50000   -8.071264  -47.475236    -5.650548
-380.041448   -15.512942   -1315.218
 0.75000   -8.071264  -47.463337    -5.650548
-380.077980   -14.333228   -1346.236
 1.00000   -8.071264  -47.452597    -5.650548
-380.120260   -23.181967   -1377.425

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.399185  458.561478   13.885994
430.224755   50.517519   1654.041
 0.25000   17.399185  480.761845   13.885994
397.670699   34.526176   1349.541
 0.50000   17.399185  504.133861   13.885994
372.546864   20.027983   1084.464
 0.75000   17.399185  528.203447   13.885994
372.546864   16.694282   882.572703
 1.00000   17.399185  553.597044   13.885994
372.546864   21.033156   693.394690

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.274463  -148.341294    -5.727860
-443.954842   -48.021742   -1900.465
 0.25000  -15.274463  -124.432673    -5.727860
-443.954842   -43.975172   -1996.980
 0.50000  -15.274463  -102.726790    -5.727860
-443.954842   -40.734827   -2094.063
 0.75000  -15.274463   -82.428408    -5.727860
-443.954842   -39.570561   -2191.647
 1.00000  -15.274463   -67.021966    -5.727860
-445.535691   -46.516566   -2289.647

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.599123  412.868329   11.974227
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 427.219669    59.007670  1497.917
   0.25000    18.599123   431.358286    11.974227
 400.121575    46.099333  1246.838
   0.50000    18.599123   450.824152    11.974227
 379.310644    34.472523  1028.044
   0.75000    18.599123   470.871071    11.974227
 379.310644    32.143558   861.816156
   1.00000    18.599123   492.019352    11.974227
 379.310644    36.021794   706.266746

  COMB DB-G2-4 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -16.501085 -138.505552    -8.429329
-530.016466  -54.997661   -1867.633
   0.25000  -16.501085 -118.594857    -8.429329
-530.016466  -47.081396   -1933.192
   0.50000  -16.501085 -100.517228    -8.429329
-530.016466  -39.905652   -1999.715
   0.75000  -16.501085  -83.611916    -8.429329
-530.016466  -34.534142   -2067.201
   1.00000  -16.501085  -70.785388    -8.429329
-531.178200  -39.371016   -2135.419

  COMB DB-G3-1 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000    6.604371   42.943915    1.451892
 112.060557   31.573996  183.593229
   0.25000    6.604371   42.956581    1.451892
 112.015797   30.726142  184.341101
   0.50000    6.604371   42.969867    1.451892
 111.976542   29.942832  187.131042
   0.75000    6.604371   42.983511    1.451892
 111.944228   29.265429  189.736782
   1.00000    6.604371   42.998713    1.451892
 111.927392   28.832377  192.403858
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   557

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G3-1 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   -6.973423  -24.285312    -4.504860
-243.040887  -16.279837  -409.739068
   0.25000   -6.973423  -24.270488    -4.504860
-243.053410  -11.660298  -385.189705
   0.50000   -6.973423  -24.257817    -4.504860
-243.086840   -7.701471  -361.466202
   0.75000   -6.973423  -24.247512    -4.504860
-243.123429   -4.805262  -338.381124
   1.00000   -6.973423  -24.235167    -4.504860
-243.165781   -3.642869  -316.205960

  COMB DB-G3-2 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   10.542041  100.603960    1.527396
 170.350303   41.273905  373.452960
   0.25000   10.542041  100.616620    1.527396
 170.305631   41.193114  344.487908
   0.50000   10.542041  100.629301    1.527396
 170.266447   42.307909  348.756538
   0.75000   10.542041  100.643539    1.527396
 170.234617   45.529771  353.812939
   1.00000   10.542041  100.658730    1.527396
 170.218018   53.372192  359.681704

  COMB DB-G3-2 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -15.791165  -42.627045  -14.899156
-430.576106  -51.817672  -836.084775
   0.25000  -15.791165  -42.612235  -14.899156
-430.588134  -34.485468  -804.349982
   0.50000  -15.791165  -42.599571  -14.899156
-430.621170  -18.449908  -773.773052
   0.75000  -15.791165  -42.587674  -14.899156
-430.657691   -5.854929  -744.425715
   1.00000  -15.791165  -42.576935  -14.899156
-430.699956   -3.319992  -716.391220

  COMB DB-G3-3 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   11.570449  197.049176    3.360260
 176.121822   42.477589  709.461010
   0.25000   11.570449  197.060571    3.360260
 176.081605   39.857771  574.229970
   0.50000   11.570449  197.072525    3.360260
 176.046328   38.597430  500.146304
   0.75000   11.570449  197.084800    3.360260
 176.017609   40.350847  510.517430
   1.00000   11.570449  197.098473    3.360260
 176.002634   43.904706  522.155688

  COMB DB-G3-3 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -12.564754  -59.931112    -9.683792
-544.113879  -35.292004  -1340.121
   0.25000  -12.564754  -59.917781    -9.683792
-544.124778  -25.829762  -1329.792
   0.50000  -12.564754  -59.906382    -9.683792
-544.154570  -17.186308  -1320.478
   0.75000  -12.564754  -59.895673    -9.683792
-544.187449  -11.548816  -1312.400
   1.00000  -12.564754  -59.886007    -9.683792
-544.225501   -9.340327  -1305.448

  COMB DB-G3-4 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   18.258378  348.441678   13.472716
 364.248448   66.233858  1279.554
   0.25000   18.258378  361.396051   13.472716
 340.157668   51.647627  1061.664
   0.50000   18.258378  375.009269   13.472716
 314.827383   38.819740  884.716916
   0.75000   18.258378  389.008195   13.472716
 292.321958   37.359320  768.976721
   1.00000   18.258378  404.195985   13.472716
 292.321958   40.490672  662.121053
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   558

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G3-4 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -15.787269 -119.707930    -8.261011
-544.074826  -45.062000  -1731.096
   0.25000  -15.787269 -105.144521    -8.261011
-544.074826  -38.137881  -1769.564
   0.50000  -15.787269  -92.329793    -8.261011
-544.074826  -32.369500  -1809.042
   0.75000  -15.787269  -80.316557    -8.261011
-567.713789  -29.124794  -1849.558
   1.00000  -15.787269  -69.979071    -8.261011
-592.241295  -34.482908  -1891.009

  COMB DL-G1-1 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   16.036427  397.243369    3.599417
 658.004354   25.829674  1197.928
   0.25000   16.036427  421.169724    3.599417
 666.509447   23.350685  1110.879
   0.50000   16.036427  446.328835    3.599417
 675.014540   21.424320  1021.551
   0.75000   16.036427  472.254648    3.599417
 683.519632   21.064243  933.251442
   1.00000   16.036427  498.485002    3.599417
 692.024725   22.290045  851.667537

  COMB DL-G1-1 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -30.674356 -117.988046    -7.026721
-270.579364  -82.185611   -1540.504
   0.25000  -30.674356 -103.281176    -7.026721
-270.579364  -75.741642   -1819.422
   0.50000  -30.674356  -89.262392    -7.026721
-270.579364  -69.761515   -2133.775
   0.75000  -30.674356  -76.395029    -7.026721
-270.579364  -64.586081   -2487.324
   1.00000  -30.674356  -65.023679    -7.026721
-270.579364  -60.137889   -2884.437

  COMB DL-G1-2 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   35.717386  614.305580   21.363186
 773.962512   74.420173  1910.862
   0.25000   35.717386  643.047703   21.363186
 777.258852   52.678649  1746.586
   0.50000   35.717386  673.285202   21.363186
 780.555193   33.725776  1593.534
   0.75000   35.717386  704.490776   21.363186
 783.851534   28.427005  1486.486
   1.00000   35.717386  736.121421   21.363186
 787.147948   27.236106  1405.035

  COMB DL-G1-2 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -35.703832 -174.347782    -5.347207
-435.233073  -95.449017   -2549.714
   0.25000  -35.703832 -155.865042    -5.347207
-435.233073  -94.012765   -2965.757
   0.50000  -35.703832 -138.317046    -5.347207
-435.233073  -95.219556   -3440.166
   0.75000  -35.703832 -122.184394    -5.347207
-435.233073 -104.869878   -3975.648
   1.00000  -35.703832 -107.932529    -5.347207
-435.233073 -121.908203   -4579.581

  COMB DL-G1-3 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   31.933004  665.127450   16.637390
 729.474822   67.360001  2171.112
   0.25000   31.933004  691.491504   16.637390
 731.842215   50.958513  1981.814
   0.50000   31.933004  719.232243   16.637390
 734.209609   36.917717  1827.351
   0.75000   31.933004  747.865736   16.637390
 736.577003   32.480408  1735.947
   1.00000   31.933004  776.894843   16.637390
 738.944449   31.649264  1680.354
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   559

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G1-3 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -33.547955 -194.637536    -5.777392
-592.113037  -89.901073   -3070.657
   0.25000  -33.547955 -177.607861    -5.777392
-592.113037  -87.496136   -3504.089
   0.50000  -33.547955 -161.439555    -5.777392
-592.113037  -87.004917   -4006.603
   0.75000  -33.547955 -146.573541    -5.777392
-592.113037  -92.256466   -4581.128
   1.00000  -33.547955 -133.441827    -5.777392
-592.113037 -103.120125   -5230.952

  COMB DL-G1-4 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   32.107099  600.330669   14.212001
 695.364706   74.511657  2068.379
   0.25000   32.107099  622.306307   14.212001
 697.338037   62.955793  1899.910
   0.50000   32.107099  645.429475   14.212001
 699.311367   54.542685  1770.300
   0.75000   32.107099  669.296794   14.212001
 701.284697   56.401983  1700.467
   1.00000   32.107099  693.493876   14.212001
 703.258071   64.794326  1666.653

  COMB DL-G1-4 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -37.553635 -192.969198   -13.748944
-692.821296  -98.731452   -2982.405
   0.25000  -37.553635 -178.774190   -13.748944
-692.821296  -87.641435   -3504.089
   0.50000  -37.553635 -165.297172   -13.748944
-692.821296  -79.452489   -3768.568
   0.75000  -37.553635 -152.905672   -13.748944
-692.821296  -78.241894   -4267.375
   1.00000  -37.553635 -141.959792   -13.748944
-692.821296  -87.317427   -4836.067

  COMB DL-G2-1 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   20.397618  200.407592   18.149774
 55.542531   47.720738  683.813930
   0.25000   20.397618  200.415668   18.149774
 55.542512   28.284286  599.491218
   0.50000   20.397618  200.424275   18.149774
 55.523571   11.291690  540.705287
   0.75000   20.397618  200.433228   18.149774
 55.506013    8.767536  530.609650
   1.00000   20.397618  200.442380   18.149774
 55.490173    9.385212  551.974287

  COMB DL-G2-1 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   -4.469212  -43.190841    -0.545489
-199.995258   -7.918043   -1053.960
   0.25000   -4.469212  -43.184334    -0.545489
-200.010115  -11.301458   -1176.064
   0.50000   -4.469212  -43.178210    -0.545489
-200.026548  -17.243984   -1322.050
   0.75000   -4.469212  -43.172602    -0.545489
-200.044155  -32.524376   -1491.297
   1.00000   -4.469212  -43.167635    -0.545489
-200.062573  -54.482262   -1683.773

  COMB DL-G2-2 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   18.961503  296.247417   12.801166
 115.901077   44.818156  1110.169
   0.25000   18.961503  296.255493   12.801166
 115.881058   33.247629  991.029972
   0.50000   18.961503  296.264100   12.801166
 115.862117   24.656312  920.427131
   0.75000   18.961503  296.273052   12.801166
 115.844559   26.660365  926.000255
   1.00000   18.961503  296.282208   12.801166
 115.828719   34.114230  968.063556
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   560

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G2-2 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -11.578150  -82.440700    -7.144514
-440.522550  -24.954008   -1790.127
   0.25000  -11.578150  -82.434202    -7.144514
-440.537407  -21.021270   -1949.319
   0.50000  -11.578150  -82.428078    -7.144514
-440.553841  -20.063005   -2150.622
   0.75000  -11.578150  -82.422470    -7.144514
-440.571447  -26.246681   -2390.664
   1.00000  -11.578150  -82.417503    -7.144514
-440.589866  -41.064682   -2666.327

  COMB DL-G2-3 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   29.057704  558.639830   18.531814
 541.531439   67.857888  1913.383
   0.25000   29.057704  580.912254   18.531814
 505.124403   51.148856  1760.665
   0.50000   29.057704  604.463598   18.531814
 470.670054   37.760892  1640.122
   0.75000   29.057704  628.869232   18.531814
 461.278275   34.588749  1578.057
   1.00000   29.057704  653.729331   18.531814
 454.395316   40.923457  1544.034

  COMB DL-G2-3 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -25.533843 -186.462832    -7.232104
-559.933257  -66.167989   -2892.823
   0.25000  -25.533843 -170.348801    -7.232104
-560.048891  -63.955946   -3224.289
   0.50000  -25.533843 -155.145474    -7.232104
-560.444382  -65.076150   -3615.366
   0.75000  -25.533843 -141.181002    -7.232104
-563.050585  -73.348854   -4073.060
   1.00000  -25.533843 -128.829775    -7.232104
-589.378530  -90.970325   -4580.439

  COMB DL-G2-4 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   31.112719  505.234665   15.863272
 558.025418   82.674301  1852.671
   0.25000   31.112719  523.783384   15.863272
 527.705237   69.745993  1717.661
   0.50000   31.112719  543.397204   15.863272
 499.011275   59.940619  1615.927
   0.75000   31.112719  563.728485   15.863272
 491.189698   59.341069  1569.278
   1.00000   31.112719  584.426250   15.863272
 485.457493   67.920136  1551.745

  COMB DL-G2-4 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -27.489374 -188.102949   -10.840806
-672.568985  -70.410629   -2803.232
   0.25000  -27.489374 -174.678259   -10.840806
-672.665285  -63.701396   -3069.633
   0.50000  -27.489374 -162.018762   -10.840806
-672.994655  -60.123279   -3391.147
   0.75000  -27.489374 -150.386995   -10.840806
-675.165130  -63.161843   -3780.526
   1.00000  -27.489374 -140.100757   -10.840806
-697.091333  -76.435157   -4219.000

  COMB DL-G3-1 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   13.710986  56.083134    2.246278
 177.334902   50.660333  396.922879
   0.25000   13.710986  56.091207    2.246278
 177.314933   49.262011  385.665935
   0.50000   13.710986  56.099811    2.246278
 177.296038   48.284096  383.380972
   0.75000   13.710986  56.108760    2.246278
 177.278524   48.120903  389.864177
   1.00000   13.710986  56.117912    2.246278
 177.262722   48.993896  404.338029
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   561

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G3-1 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   -8.898006  -51.572314    -5.042662
-314.408890  -18.603906  -574.935165
   0.25000   -8.898006  -51.565824    -5.042662
-314.423690  -13.669422  -555.112933
   0.50000   -8.898006  -51.559706    -5.042662
-314.440065   -9.386516  -543.782402
   0.75000   -8.898006  -51.554104    -5.042662
-314.457610   -6.311623  -543.223787
   1.00000   -8.898006  -51.549142    -5.042662
-314.475964   -4.879194  -558.128608

  COMB DL-G3-2 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   18.530769  127.960989    2.125520
 259.781625   66.534073  743.734435
   0.25000   18.530769  127.969064    2.125520
 259.761634   67.905649  709.898740
   0.50000   18.530769  127.977689    2.125520
 259.742720   71.324686  704.508162
   0.75000   18.530769  127.986619    2.125520
 259.725187   79.345391  719.419277
   1.00000   18.530769  127.995773    2.125520
 259.709369   94.015193  751.125811

  COMB DL-G3-2 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -22.204733  -87.832922   -17.870070
-548.084282  -53.129675   -1188.225
   0.25000  -22.204733  -87.826429   -17.870070
-548.099107  -34.661621   -1181.342
   0.50000  -22.204733  -87.820308   -17.870070
-548.115507  -18.956614   -1198.298
   0.75000  -22.204733  -87.814704   -17.870070
-548.133078   -8.203176   -1239.250
   1.00000  -22.204733  -87.809740   -17.870070
-548.151460   -6.039140   -1303.848

  COMB DL-G3-3 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   22.767039  254.962892    6.226171
 251.678887   71.351568  1176.357
   0.25000   22.767039  255.050094    6.226171
 251.462987   67.917460  1089.650
   0.50000   22.767039  255.143033    6.226171
 251.258712   66.920436  1043.541
   0.75000   22.767039  255.239694    6.226171
 251.069356   71.035284  1061.475
   1.00000   22.767039  255.339560    6.226171
 250.898520   80.222083  1108.362

  COMB DL-G3-3 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -17.973944 -114.030600   -12.372242
-662.413909  -37.910340   -1884.958
   0.25000  -17.973944 -113.960469   -12.372242
-662.574017  -27.391435   -1965.345
   0.50000  -17.973944 -113.894371   -12.372242
-662.751133  -19.513960   -2085.604
   0.75000  -17.973944 -113.833841   -12.372242
-662.940904  -16.178842   -2246.917
   1.00000  -17.973944 -113.780230   -12.372242
-663.139423  -19.287642   -2447.368

  COMB DL-G3-4 ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   34.282508  430.589974   18.364680
 482.450479   95.181495  1680.468
   0.25000   34.282508  443.711708   18.364680
 454.376557   79.535307  1560.710
   0.50000   34.282508  457.650215   18.364680
 427.643218   67.565018  1476.007
   0.75000   34.282508  472.126132   18.364680
 402.872134   67.286798  1449.445
   1.00000   34.282508  486.901071   18.364680
 387.581655   75.049684  1452.739
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   562

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G3-4 ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -23.699009 -173.391236   -10.602678
-679.903349  -55.273024   -2565.612
   0.25000  -23.699009 -163.312941   -10.602678
-682.377033  -49.457658   -2768.530
   0.50000  -23.699009 -153.830232   -10.602678
-703.670134  -47.365208   -3040.439
   0.75000  -23.699009 -145.125209   -10.602678
-726.656807  -53.753106   -3349.988
   1.00000  -23.699009 -137.420536   -10.602678
-750.679106  -70.133002   -3714.020

  COMB     DB ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   24.216429  544.955080   17.411329
 617.804685   66.233858  1971.292
   0.25000   24.216429  571.661409   17.411329
 617.804685   51.647627  1604.271
   0.50000   24.216429  599.867053   17.411329
 617.804685   42.307909  1267.673
   0.75000   24.216429  628.990148   17.411329
 617.804685   45.529771  991.013403
   1.00000   24.216429  658.189653   17.411329
 617.804685   53.372192  754.097024

  COMB     DB ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -18.601963 -158.427156   -14.899156
-544.113879  -69.547821   -2052.467
   0.25000  -18.601963 -131.899651   -14.899156
-544.124778  -59.527297   -2186.707
   0.50000  -18.601963 -106.329483   -14.899156
-544.154570  -54.326687   -2321.360
   0.75000  -18.601963  -83.717392   -14.899156
-567.713789  -55.071880   -2485.891
   1.00000  -18.601963  -72.890664   -14.899156
-592.241295  -65.074749   -2592.777

  COMB     DL ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   35.717386  665.127450   21.363186
 773.962512   95.181495  2171.112
   0.25000   35.717386  691.491504   21.363186
 777.258852   79.535307  1981.814
   0.50000   35.717386  719.232243   21.363186
 780.555193   71.324686  1827.351
   0.75000   35.717386  747.865736   21.363186
 783.851534   79.345391  1735.947
   1.00000   35.717386  776.894843   21.363186
 787.147948   94.015193  1680.354

  COMB     DL ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -37.553635 -194.637536   -17.870070
-692.821296  -98.731452   -3070.657
   0.25000  -37.553635 -178.774190   -17.870070
-692.821296  -94.012765   -3504.089
   0.50000  -37.553635 -165.297172   -17.870070
-703.670134  -95.219556   -4006.603
   0.75000  -37.553635 -152.905672   -17.870070
-726.656807 -104.869878   -4581.128
   1.00000  -37.553635 -141.959792   -17.870070
-750.679106 -121.908203   -5230.952

  COMB     CAR ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   35.717386  665.127450   21.363186
 773.962512   95.181495  2171.112
   0.25000   35.717386  691.491504   21.363186
 777.258852   79.535307  1981.814
   0.50000   35.717386  719.232243   21.363186
 780.555193   71.324686  1827.351
   0.75000   35.717386  747.865736   21.363186
 783.851534   79.345391  1735.947
   1.00000   35.717386  776.894843   21.363186
 787.147948   94.015193  1680.354
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   563

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB     CAR ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -37.553635 -194.637536   -17.870070
-692.821296  -98.731452   -3070.657
   0.25000  -37.553635 -178.774190   -17.870070
-692.821296  -94.012765   -3504.089
   0.50000  -37.553635 -165.297172   -17.870070
-703.670134  -95.219556   -4006.603
   0.75000  -37.553635 -152.905672   -17.870070
-726.656807 -104.869878   -4581.128
   1.00000  -37.553635 -141.959792   -17.870070
-750.679106 -121.908203   -5230.952

  COMB  DESIGN ------------------- MAX

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000   35.717386  665.127450   21.363186
 773.962512   95.181495  2171.112
   0.25000   35.717386  691.491504   21.363186
 777.258852   79.535307  1981.814
   0.50000   35.717386  719.232243   21.363186
 780.555193   71.324686  1827.351
   0.75000   35.717386  747.865736   21.363186
 783.851534   79.345391  1735.947
   1.00000   35.717386  776.894843   21.363186
 787.147948   94.015193  1680.354

  COMB  DESIGN ------------------- MIN

  REL DIST          P          V2          V3
         T         M2          M3
   0.00000  -37.553635 -194.637536   -17.870070
-692.821296  -98.731452   -3070.657
   0.25000  -37.553635 -178.774190   -17.870070
-692.821296  -94.012765   -3504.089
   0.50000  -37.553635 -165.297172   -17.870070
-703.670134  -95.219556   -4006.603
   0.75000  -37.553635 -152.905672   -17.870070
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-726.656807 -104.869878   -4581.128
 1.00000   -37.553635 -141.959792   -17.870070
-750.679106 -121.908203   -5230.952

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 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.968129   432.746627    3.146513
481.448668   15.353723   380.683611
 0.25000   12.968129   449.948704    3.146513
481.448668   27.414588   305.503196
 0.50000   12.968129   467.611658    3.146513
481.448668   40.255273   334.032355
 0.75000   12.968129   485.517767    3.146513
481.448668   53.624884   362.600335
 1.00000   12.968129   503.525515    3.146513
481.448668   69.075261   391.168315

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.144923   -32.753476   -18.734783
-312.320554   -31.033546   -1400.789
 0.25000  -12.144923   -32.753476   -18.734783
-312.320554   -19.632747   -1506.761
 0.50000  -12.144923   -32.753476   -18.734783
-312.320554   -11.373124   -1613.330
 0.75000  -12.144923   -32.753476   -18.734783
-312.320554    -6.903955   -1719.900
 1.00000  -12.144923   -32.753476   -18.734783
-312.320554    -9.610346   -1844.060

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   24.799997   631.004631   42.760714
558.490439   12.511046   613.365000
 0.25000   24.799997   652.712751   42.760714
558.490439   14.410101   526.782755
 0.50000   24.799997   674.956792   42.760714
558.490439   17.238792   575.393879
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          564

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000   24.799997   697.576809   42.760714
558.490439   21.169388   624.703138
 1.00000   24.799997   720.040745   42.760714
558.490439   28.543816   674.012397

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.862693   -58.247495   -16.740114
-493.723931   -63.432267   -2247.274
 0.25000  -16.862693   -56.849623   -16.740114
-493.723931   -84.997541   -2384.674
 0.50000  -16.862693   -56.849623   -16.740114
-493.723931  -111.232060   -2522.409
 0.75000  -16.862693   -56.849623   -16.740114
-493.723931  -137.580948   -2660.552
 1.00000  -16.862693   -56.849623   -16.740114
-493.723931  -172.414054   -2831.849

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.268676   643.191939   30.486860
597.391533   13.944510   744.260375
 0.25000   21.268676   663.134925   30.486860
597.391533   14.836117   669.201234
 0.50000   21.268676   683.566874   30.486860
597.391533   16.291942   727.451863
 0.75000   21.268676   704.340004   30.486860
597.391533   18.874940   789.926247
 1.00000   21.268676   724.969223   30.486860
597.391533   26.090032   852.400631

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.319124   -77.982473   -14.922074
-584.339869   -54.447770   -2592.038
 0.25000  -16.319124   -75.984744   -14.922074
-584.339869   -64.785727   -2709.302
 0.50000  -16.319124   -75.984744   -14.922074
-584.339869   -80.648371   -2827.266
 0.75000  -16.319124   -75.984744   -14.922074
-584.339869   -97.028320   -2946.190
 1.00000  -16.319124   -75.984744   -14.922074
-584.339869  -120.342753   -3111.377

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.615662   565.730925   27.932009
606.747050   32.460498   753.889689
 0.25000   21.615662   582.350080   27.932009
606.747050   46.572316   692.267190
 0.50000   21.615662   599.376703   27.932009
606.747050   65.201059   747.580467
 0.75000   21.615662   616.687645   27.932009
606.747050   86.153336   811.391910
 1.00000   21.615662   633.878661   27.932009
606.747050  111.388622   876.255354

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -19.395508   -95.472320   -34.724997
-627.949821   -46.151262   -2433.439
 0.25000  -19.395508   -93.807546   -34.724997
-627.949821   -55.185222   -2512.910
 0.50000  -19.395508   -93.807546   -34.724997
-627.949821   -68.564623   -2593.616
 0.75000  -19.395508   -93.807546   -34.724997
-627.949821   -82.329091   -2675.751
 1.00000  -19.395508   -93.807546   -34.724997
-627.949821  -102.875714   -2809.939

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.252985   162.916485   44.519017
75.187093    5.237015   240.623696
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          565

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   11.252985   162.926327   44.519017
75.159213    5.438480   246.206443
 0.50000   11.252985   162.936322   44.519017
75.135287    5.694416   267.422403
 0.75000   11.252985   162.946385   44.519017
75.118549    5.957648   290.443523
 1.00000   11.252985   162.956320   44.519017
75.118549    6.237833   313.464642

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.105149   -26.533874   -0.467859
-209.885648   -28.186392   -862.098814
 0.25000   -3.105149   -26.524454   -0.467859
-209.911142   -66.710069   -880.124225
 0.50000   -3.105149   -26.515806   -0.467859
-209.939960  -105.471264   -898.154993
 0.75000   -3.105149   -26.510029   -0.467859
-209.969146  -144.262509   -916.251171
 1.00000   -3.105149   -26.509549   -0.467859
-209.999097  -183.099485   -953.634296

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.731107   224.134042   33.154864
198.748554   18.320610   435.721229
 0.25000   10.731107   224.143884   33.154864
198.720593   32.609638   444.573407
 0.50000   10.731107   224.153881   33.154864
198.696659   47.659037   479.087996
 0.75000   10.731107   224.163945   33.154864
198.679875   62.915349   520.415099
 1.00000   10.731107   224.173880   33.154864
198.679875   78.241641   561.742202

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.268391   -60.649925   -17.762424
-371.309984   -23.524453   -1377.685
 0.25000   -8.268391   -60.640503   -17.762424
-371.325561   -49.786715   -1379.669
 0.50000   -8.268391   -60.631849   -17.762424
-371.364388   -77.097656   -1382.596
 0.75000   -8.268391   -60.626070   -17.762424
-371.393583  -104.730961   -1386.464
 1.00000   -8.268391   -60.625583   -17.762424
-371.423554  -132.541671   -1426.985

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   17.742562   517.235308   46.454468
438.114651   21.575656   693.335382
 0.25000   17.742562   534.135047   46.454468
435.174743   33.976872   642.210884
 0.50000   17.742562   551.376918   46.454468
435.174743   47.112005   691.867521
 0.75000   17.742562   568.823846   46.454468
435.174743   60.481720   751.384194
 1.00000   17.742562   586.100517   46.454468
435.174743   74.081412   810.900868

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.874568   -97.579707   -21.737121
-510.917615   -46.046724   -2289.347
 0.25000  -15.874568   -86.636367   -21.737121
-510.917615   -73.347399   -2360.760
 0.50000  -15.874568   -79.923493   -21.737121
-510.917615  -110.527758   -2433.070
 0.75000  -15.874568   -79.923493   -21.737121
-510.917615  -148.781987   -2506.192
 1.00000  -15.874568   -79.923493   -21.737121
-522.226359  -188.251401   -2626.651
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          566

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   19.000817   456.182698   42.421350
475.308936   36.663702   706.220303
 0.25000   19.000817   470.257587   42.421350
472.975945   45.617158   663.916305
 0.50000   19.000817   484.617496   42.421350
472.975945   57.200257   710.390262
 0.75000   19.000817   499.148276   42.421350
472.975945   71.288421   771.639678
 1.00000   19.000817   513.537308   42.421350
472.975945   88.172437   832.889094

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -17.205962  -109.075754   -25.098858
-572.264545   -39.000581   -2135.475
 0.25000  -17.205962   -99.971408   -25.098858
-572.264545   -61.712963   -2175.869
 0.50000  -17.205962   -94.394821   -25.098858
-572.264545   -92.759054   -2217.526
 0.75000  -17.205962   -94.394821   -25.098858
-572.264545  -125.422045   -2260.488
 1.00000  -17.205962   -94.394821   -25.098858
-581.527641  -160.790126   -2356.460

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.791388    36.369015    7.950392
168.832951   29.041562   192.410774
 0.25000    6.791388    36.378862    7.950392
168.804585   24.393623   192.360864
 0.50000    6.791388    36.388863    7.950392
168.780609   20.011302   198.721250
 0.75000    6.791388    36.398931    7.950392
168.763596   15.746559   216.049750
 1.00000    6.791388    36.408871    7.950392
168.763596   16.749380   233.376184

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.261329   -40.983468   -3.190069
-228.098570   -3.785561   -316.685111
 0.25000   -7.261329   -40.974041   -3.190069
-228.124560   -5.365509   -287.442062
 0.50000   -7.261329   -40.965353   -3.190069
-228.153432   -7.612926   -259.156634
 0.75000   -7.261329   -40.959569   -3.190069
-228.182670  -10.393941   -232.260123
 1.00000   -7.261329   -40.959046   -3.190069
-228.212742  -13.576459   -225.529984

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.848750    83.762897   10.600054
290.986811   53.529699   359.686925
 0.25000   10.848750    83.772739   10.600054
290.958931   74.942009   361.673022
 0.50000   10.848750    83.782734   10.600054
290.935005   98.164902   378.326322
 0.75000   10.848750    83.792797   10.600054
290.918267  122.318400   411.209802
 1.00000   10.848750    83.802731   10.600054
290.918267  152.707331   444.093283

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.059616   -78.558429   -37.498707
-388.493664   -3.500123   -717.149018
 0.25000  -16.059616   -78.549098   -37.498707
-388.519158   -3.945531   -670.170955
 0.50000  -16.059616   -78.540361   -37.498707
-388.547976   -5.109170   -624.979361
 0.75000  -16.059616   -78.534583   -37.498707
-388.577162   -9.468485   -581.682971
 1.00000  -16.059616   -78.534104   -37.498707
-388.607113  -15.879530   -574.870223
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          567

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.719006   177.693683   18.183562
332.010379   44.440043   522.152467
 0.25000   11.719006   177.702541   18.183562
331.985214   52.165392   529.016815
 0.50000   11.719006   177.711538   18.183562
331.963674   61.164210   560.561723
 0.75000   11.719006   177.720595   18.183562
331.948568   71.016614   609.125211
 1.00000   11.719006   177.729537   18.183562
331.948568   86.311002   657.688699

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.956503   -88.782409   -19.859983
-498.486822   -10.047019   -1306.212
 0.25000  -12.956503   -88.773930   -19.859983
-498.509841   -16.884862   -1268.437
 0.50000  -12.956503   -88.766141   -19.859983
-498.535785   -24.092440   -1232.646
 0.75000  -12.956503   -88.760941   -19.859983
-498.562061   -36.047911   -1198.806
 1.00000  -12.956503   -88.760502   -19.859983
-498.589035   -49.032373   -1213.954

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.322054   370.125763   49.684183
441.179902   41.123132   662.154240
 0.25000   18.322054   380.093525   49.684183
420.374764   47.207296   640.323733
 0.50000   18.322054   390.239493   49.684183
405.268557   54.379182   678.497563
 0.75000   18.322054   400.479166   49.684183
405.268557   62.292359   737.096327
 1.00000   18.322054   410.603285   49.684183
405.268557   74.769343   795.695090

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.418568  -112.748327   -18.507606
-558.403872   -34.617812   -1891.355
 0.25000  -16.418568  -103.388398   -18.507606
-558.403872   -68.854194   -1902.720
 0.50000  -16.418568   -97.543405   -18.507606
-573.438424  -105.031184   -1915.834
 0.75000  -16.418568   -95.012471   -18.507606
-593.522020  -144.080959   -1930.645
 1.00000  -16.418568   -95.012471   -18.507606
-612.399917  -185.142142   -1998.676

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   16.807195   550.757218    4.994423
624.267989   20.173287   851.480065
 0.25000   16.807195   570.016362    4.994423
630.221640   28.875734   802.587152
 0.50000   16.807195   589.760550    4.994423
636.175292   42.812622   760.291547
 0.75000   16.807195   609.780807    4.994423
641.883755   68.474641   767.787407
 1.00000   16.807195   629.754529    4.994423
646.854174  100.253089   810.244089

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -31.222818   -68.912740   -38.048720
-439.792898   -59.102143   -2885.674
 0.25000  -31.222818   -61.178403   -38.048720
-439.792898   -34.524947   -3251.475
 0.50000  -31.222818   -57.632560   -38.048720
-439.792898   -15.545881   -3642.293
 0.75000  -31.222818   -57.286452   -38.048720
-439.547709    -9.638568   -4059.749
 1.00000  -31.222818   -57.269127   -38.048720
-438.564478   -12.556443   -4504.798
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          568

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   36.714307   803.338080   56.735805
731.009713   25.636047   1404.973
 0.25000   36.714307   826.403366   56.735805
733.317097   25.024609   1331.009
 0.50000   36.714307   850.072479   56.735805
735.624569   27.144189   1296.941
 0.75000   36.714307   874.087720   56.735805
737.932041   39.454187   1320.090
 1.00000   36.714307   898.192223   56.735805
740.117692   59.952597   1392.663

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -36.653119  -121.560566   -32.314970
-649.929889   -120.182864   -4580.715
 0.25000  -36.653119  -111.297394   -32.314970
-649.929889   -139.753066   -5101.369
 0.50000  -36.653119  -101.619025   -32.314970
-649.929889   -163.021519   -5658.094
 0.75000  -36.653119  -100.553175   -32.314970
-649.929889   -195.520398   -6254.101
 1.00000  -36.653119  -100.384549   -32.314970
-649.808164  -239.713557   -6885.121

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   32.919426   817.512341   45.677176
763.960448   30.756339   1680.357
 0.25000   32.919426   838.660590   45.677176
765.617585   30.851040   1637.049
 0.50000   32.919426   860.369527   45.677176
767.274785   34.151282   1629.645
 0.75000   32.919426   882.397416   45.677176
768.931984   46.413031   1675.088
 1.00000   32.919426   904.513644   45.677176
770.522154   66.170912   1766.719

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -34.526469  -159.525978   -31.498566
-751.081549  -102.316820   -5231.550
 0.25000  -34.526469  -150.018190   -31.498566
-751.081549  -113.965239   -5754.574
 0.50000  -34.526469  -141.052679   -31.498566
-751.081549  -129.754641   -6313.596
 0.75000  -34.526469  -139.585991   -31.498566
-751.081549  -153.571145   -6909.336
 1.00000  -34.526469  -139.410652   -31.498566
-751.015345  -187.812740   -7537.541

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   32.953111   716.731841   41.576218
783.163788   63.903547   1666.683
 0.25000   32.953111   734.359860   41.576218
784.545087   80.811232   1642.058
 0.50000   32.953111   752.455246   41.576218
785.926438  101.781193   1650.002
 0.75000   32.953111   770.816493   41.576218
787.307790  131.153794   1704.569
 1.00000   32.953111   789.251376   41.576218
788.633268  167.486424   1799.104

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -38.352679  -183.161874   -50.401676
-799.590587   -86.637397   -4836.290
 0.25000  -38.352679  -175.236700   -50.401676
-799.590587   -96.655636   -5271.441
 0.50000  -38.352679  -167.763539   -50.401676
-799.590587  -110.069177   -5738.283
 0.75000  -38.352679  -166.540988   -50.401676
-799.590587  -130.341473   -6237.394
 1.00000  -38.352679  -166.394835   -50.401676
-799.535403  -160.449326   -6765.327
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          569

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   20.564055   212.083016   58.904968
81.708500    9.605982   552.075318
 0.25000   20.564055   212.089453   58.904968
81.694082    9.552778   545.912442
 0.50000   20.564055   212.096094   58.904968
81.680497    9.530234   569.269499
 0.75000   20.564055   212.102859   58.904968
81.667869    9.556533   601.995605
 1.00000   20.564055   212.109680   58.904968
81.656325    9.647161   636.246158

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.859983   -47.668929   -0.485362
-222.014515   -54.018150   -1683.450
 0.25000   -4.859983   -47.664527   -0.485362
-222.027609   -105.015380   -1816.937
 0.50000   -4.859983   -47.660395   -0.485362
-222.041355   -156.031321   -1960.414
 0.75000   -4.859983   -47.656594   -0.485362
-222.055571   -207.086050   -2112.999
 1.00000   -4.859983   -47.653184   -0.485362
-222.070130   -258.206547   -2268.918

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   19.199899   286.617938   45.367188
234.505223   34.554744   968.206103
 0.25000   19.199899   286.624374   45.367188
234.490805   50.439953   982.778145
 0.50000   19.199899   286.631016   45.367188
234.477220   66.676205   1030.220
 0.75000   19.199899   286.637781   45.367188
234.464593   82.958767   1088.942
 1.00000   19.199899   286.644601   45.367188
234.453048   99.379053   1151.701

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.952506  -109.848108   -19.623237
-418.608779   -41.329069   -2665.544
 0.25000  -11.952506  -109.843706   -19.623237
-418.621873   -78.768457   -2828.006
 0.50000  -11.952506  -109.839574   -19.623237
-418.635619  -116.868533   -3002.923
 0.75000  -11.952506  -109.835774   -19.623237
-418.649834  -155.195662   -3188.829
 1.00000  -11.952506  -109.832363   -19.623237
-418.664394  -193.661864   -3379.613

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   29.782743   647.947420   57.560531
567.021287   40.715196   1544.199
 0.25000   29.782743   665.746162   57.560531
549.176524   53.320263   1534.127
 0.50000   29.782743   684.056876   57.560531
543.724488   66.495044   1548.311
 0.75000   29.782743   702.668601   57.560531
539.714510   80.462965   1585.300
 1.00000   29.782743   721.391534   57.560531
537.112030   95.972153   1670.329

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -26.291335  -174.958268   -26.168884
-627.182860   -90.423792   -4579.974
 0.25000  -26.291335  -164.923275   -26.168884
-628.691789  -128.278740   -4957.422
 0.50000  -26.291335  -155.497414   -26.168884
-631.638463  -170.264662   -5383.669
 0.75000  -26.291335  -146.842789   -26.168884
-637.071292  -213.200594   -5858.817
 1.00000  -26.291335  -143.116612   -26.168884
-662.335861  -257.619998   -6318.809
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          570

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   31.764302   571.994206   53.398154
628.945209   67.762662   1551.930
 0.25000   31.764302   586.817195   53.398154
614.042253   79.533111   1552.055
 0.50000   31.764302   602.066560   53.398154
609.501737   92.693960   1574.759
 0.75000   31.764302   617.566610   53.398154
606.162183  108.336019   1619.009
 1.00000   31.764302   633.159275   53.398154
603.994810  127.454447   1704.591

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -28.210879  -192.945329   -31.029391
-713.792905   -75.940847   -4218.384
 0.25000  -28.210879  -184.588076   -31.029391
-715.049557  -107.173603   -4528.566
 0.50000  -28.210879  -176.738115   -31.029391
-717.503579  -141.998903   -4880.977
 0.75000  -28.210879  -169.530448   -31.029391
-722.028099  -178.877155   -5258.747
 1.00000  -28.210879  -166.427218   -31.029391
-743.068711  -218.757023   -5658.819

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.877192    49.025147   15.386379
242.626698   48.853857   404.450464
 0.25000   13.877192    49.031582   15.386379
242.612318   40.597116   413.945221
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 0.50000     13.877192     49.038221     15.386379
242.598769     33.848154    427.241554
 0.75000     13.877192     49.044984     15.386379
242.566174     29.947392    445.394947
 1.00000     13.877192     49.051802     15.386379
242.574661     30.670801    465.871993

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -9.154984    -69.206818    -6.243682
-303.407139    -4.569344   -557.873279
 0.25000    -9.154984    -69.202423    -6.243682
-303.420190    -5.255640   -549.361412
 0.50000    -9.154984    -69.198297    -6.243682
-303.433893    -7.770302   -543.819124
 0.75000    -9.154984    -69.194503    -6.243682
-303.448064   -13.226671   -540.982931
 1.00000    -9.154984    -69.191098    -6.243682
-303.462578   -21.374763   -541.246339

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    18.697960    105.793214    17.221469
403.856605    93.540578    751.267689
 0.25000    18.697960    105.799649    17.221469
403.842209   115.951100    776.997073
 0.50000    18.697960    105.806289    17.221469
403.828644   140.164619    811.132366
 0.75000    18.697960    105.813053    17.221469
403.816035   167.385779    853.188981
 1.00000    18.697960    105.819872    17.221469
403.804508   199.457875    898.760442

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -22.339529   -131.904557   -43.457581
-498.361024    -5.733240    -1303.259
 0.25000   -22.339529   -131.900159   -43.457581
-498.374094    -5.297148    -1303.178
 0.50000   -22.339529   -131.896030   -43.457581
-498.387815    -6.769884    -1308.847
 0.75000   -22.339529   -131.892234   -43.457581
-498.402006   -12.431324    -1319.589
 1.00000   -22.339529   -131.888826   -43.457581
-498.416539   -21.490476    -1336.930
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    571

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    23.066558    227.043597    32.541473
429.549616    80.401266    1108.562
 0.25000    23.066558    227.113100    32.541473
429.394136    90.303770    1147.383
 0.50000    23.066558    227.184814    32.541473
429.247639   101.825616    1200.687
 0.75000    23.066558    227.257863    32.541473
429.111463   118.949849    1264.594
 1.00000    23.066558    227.331510    32.541473
428.986973   134.354142    1332.217

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.391869   -156.384129   -26.795018
-608.627347   -19.400513    -2446.422
 0.25000   -18.391869   -156.336632   -26.795018
-608.768496   -33.851755    -2537.231
 0.50000   -18.391869   -156.292042   -26.795018
-608.916684   -50.362927    -2638.574
 0.75000   -18.391869   -156.251037   -26.795018
-609.069947   -70.511716    -2747.967
 1.00000   -18.391869   -156.214234   -26.795018
-609.226906   -93.583918    -2861.994

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    34.765319    464.933224    65.645387
580.849672    74.955914    1453.003
 0.25000    34.765319    475.414974    65.645387
560.859752    81.986605    1463.645
 0.50000    34.765319    486.211222    65.645387
541.950455    90.505598    1497.604
 0.75000    34.765319    497.192489    65.645387
526.838797   101.534929    1544.098
 1.00000    34.765319    508.256936    65.645387
524.479452   116.401561    1624.041

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -24.417608   -190.963511   -24.807607
-693.253186   -69.649434    -3713.238
 0.25000   -24.417608   -184.380835   -24.807607
-708.715843   -73.551.744
 0.50000   -24.417608   -178.203280   -24.807607
-727.094808   -157.567230    -4209.766
 0.75000   -24.417608   -172.526152   -24.807607
-746.179002   -205.840240    -4482.299
 1.00000   -24.417608   -167.442272   -24.807607
-765.777303   -256.792855    -4787.539

 COMB       DB -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    24.799997    643.191939    49.684183
606.747050    63.529699    753.889689
 0.25000    24.799997    663.134925    49.684183
606.747050    74.942009    692.267190
 0.50000    24.799997    683.566874    49.684183
606.747050    98.164902    747.580467
 0.75000    24.799997    704.340004    49.684183
606.747050   122.318400    811.917910
 1.00000    24.799997    724.969223    49.684183
606.747050   152.707331    876.255354

 COMB       DB -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -19.395508   -112.748327   -37.498707
-627.949821    -63.432267    -2592.038
 0.25000   -19.395508   -103.388398   -37.498707
-627.949821    -84.997541    -2709.302
 0.50000   -19.395508    -97.543405   -37.498707
-627.949821   -111.232060    -2827.266
 0.75000   -19.395508    -95.012471   -37.498707
-627.949821   -148.781987    -2946.190
 1.00000   -19.395508    -95.012471   -37.498707
-627.949821   -188.251401    -3111.377
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    572

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       DL -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    36.714307    817.512351    65.645387
783.163788    93.540578    1680.357
 0.25000    36.714307    838.660590    65.645387
784.545087   115.951100    1642.058
 0.50000    36.714307    860.369527    65.645387
785.926438   140.164619    1650.002
 0.75000    36.714307    882.397416    65.645387
787.307790   167.385779    1704.569
 1.00000    36.714307    904.513644    65.645387
788.633268   199.457875    1799.104

 COMB       DL -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -38.352679   -192.945329   -50.401676
-799.590587   -120.182864    -5231.550
 0.25000   -38.352679   -184.588076   -50.401676
-799.590587   -139.753066    -5754.574
 0.50000   -38.352679   -178.203280   -50.401676
-799.590587   -170.264662    -6313.596
 0.75000   -38.352679   -172.526152   -50.401676
-799.590587   -213.200594    -6909.336
 1.00000   -38.352679   -167.442272   -50.401676
-799.535403   -258.206547    -7537.541

 COMB       CAR -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    36.714307    817.512351    65.645387
783.163788    93.540578    1680.357
 0.25000    36.714307    838.660590    65.645387
784.545087   115.951100    1642.058
 0.50000    36.714307    860.369527    65.645387
785.926438   140.164619    1650.002
 0.75000    36.714307    882.397416    65.645387
787.307790   167.385779    1704.569
 1.00000    36.714307    904.513644    65.645387
788.633268   199.457875    1799.104

 COMB       CAR -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -38.352679   -192.945329   -50.401676
-799.590587   -120.182864    -5231.550
 0.25000   -38.352679   -184.588076   -50.401676
-799.590587   -139.753066    -5754.574
 0.50000   -38.352679   -178.203280   -50.401676
-799.590587   -170.264662    -6313.596
 0.75000   -38.352679   -172.526152   -50.401676
-799.590587   -213.200594    -6909.336
 1.00000   -38.352679   -167.442272   -50.401676
-799.535403   -258.206547    -7537.541

 COMB      DESIGN -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    36.714307    817.512351    65.645387
783.163788    93.540578    1680.357
 0.25000    36.714307    838.660590    65.645387
784.545087   115.951100    1642.058
 0.50000    36.714307    860.369527    65.645387
785.926438   140.164619    1650.002
 0.75000    36.714307    882.397416    65.645387
787.307790   167.385779    1704.569
 1.00000    36.714307    904.513644    65.645387
788.633268   199.457875    1799.104

 COMB      DESIGN -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -38.352679   -192.945329   -50.401676
-799.590587   -120.182864    -5231.550
 0.25000   -38.352679   -184.588076   -50.401676
-799.590587   -139.753066    -5754.574
 0.50000   -38.352679   -178.203280   -50.401676
-799.590587   -170.264662    -6313.596
 0.75000   -38.352679   -172.526152   -50.401676
-799.590587   -213.200594    -6909.336
 1.00000   -38.352679   -167.442272   -50.401676
-799.535403   -258.206547    -7537.541
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    573

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       23 ================== LENGTH
=     3.491011

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    13.771414    28.191693    17.640025
315.958682    69.229258    391.388944
 0.25000    13.771414    28.192649    17.640025
315.958682    55.715951    378.094456
 0.50000    13.771414    28.192649    17.640025
315.958682    42.729415    364.799988
 0.75000    13.771414    28.192649    17.640025
315.958682    29.744474    351.505521
 1.00000    13.771414    28.192649    17.640025
315.958682    17.369707    382.641094

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -13.480115   -503.399318    -3.605550
-484.384798    -11.079741    -1846.669
 0.25000   -13.480115   -485.404096    -3.605550
-484.384798    -7.952754    -1739.030
 0.50000   -13.480115   -467.313430    -3.605550
-484.384798    -14.904934    -1631.393
 0.75000   -13.480115   -449.569188    -3.605550
-484.384798    -25.737129    -1524.001
 1.00000   -13.480115   -432.288967    -3.605550
-484.384798    -36.900850    -1417.020

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    25.670626    48.952798    14.094890
496.862865    2.004727    674.306490
 0.25000    25.670626    48.952798    14.094890
496.862865    26.061142    652.861603
 0.50000    25.670626    48.952798    14.094890
496.862865    22.704635    631.416737
 0.75000    25.670626    48.952798    14.094890
496.862865    19.404296    609.971871
 1.00000    25.670626    55.902673    14.094890
496.862865    16.149483    640.937468

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.470761   -719.116409   -43.277102
-562.757706   -174.057848    -2833.611
 0.25000   -18.470761   -696.556560   -43.277102
-562.757706   -141.763508    -2693.760
 0.50000   -18.470761   -673.844620   -43.277102
-562.757706   -117.921478    -2554.036
 0.75000   -18.470761   -651.512917   -43.277102
-562.757706    -94.145630    -2414.940
 1.00000   -18.470761   -629.720282   -43.277102
-562.757706    -70.676235    -2275.873

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    21.990113    69.568563    12.715723
587.979098    27.386579    852.616912
 0.25000    21.990113    69.568563    12.715723
587.979098    24.778994    828.403372
 0.50000    21.990113    69.568563    12.715723
587.979098    22.502020    804.189850
 0.75000    21.990113    69.568563    12.715723
587.979098    20.314852    779.976329
 1.00000    21.990113    76.650430    12.715723
587.979098    18.179639    803.650360

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -17.903529   -723.352119   -30.790980
-602.030092   -122.716433    -3112.399
 0.25000   -17.903529   -702.632608   -30.790980
-602.030092   -102.012910    -2991.307
 0.50000   -17.903529   -681.776125   -30.790980
-602.030092    -87.889657    -2870.444
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    574

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.75000   -17.903529   -661.264747   -30.790980
-602.030092    -74.067125    -2760.530
 1.00000   -17.903529   -641.245161   -30.790980
-602.030092    -61.261387    -2630.918

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    22.502620    88.118760    32.707799
632.056545   112.396253   876.311765
 0.25000    22.502620    88.118760    32.707799
632.056545    91.280605   854.687826
 0.50000    22.502620    88.118760    32.707799
632.056545    70.635159   833.072225
 0.75000    22.502620    88.118760    32.707799
632.056545    51.236214   811.471811
 1.00000    22.502620    94.020316    32.707799
632.056545    35.274617   829.781394

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -20.879095   -631.824800   -28.519905
-611.950899   -104.997639    -2810.252
 0.25000   -20.879095   -614.558541   -28.519905
-611.950899    -86.332409    -2725.264
 0.50000   -20.879095   -597.178138   -28.519905
-611.950899    -74.330239    -2641.119
 0.75000   -20.879095   -580.085323   -28.519905
-611.950899    -62.558210    -2558.450
 1.00000   -20.879095   -563.402335   -28.519905
-611.950899    -51.668491    -2476.613

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    11.180512    22.677649     0.378924
209.211634     6.508008   313.498942
 0.25000    11.180512    22.680220     0.378924
209.181745     6.418431   305.347426
 0.50000    11.180512    22.686005     0.378924
209.152503     6.333376   297.196131
 0.75000    11.180512    22.694757     0.378924
209.123656     6.254871   289.044849
 1.00000    11.180512    22.704207     0.378924
209.098881     6.220664   280.913647

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.178558   -161.963304   -44.504113
-76.271893   -33.005191   -952.508612
 0.25000   -3.178558   -161.953353   -44.504113
-76.271893   -144.219033   -933.309366
 0.50000   -3.178558   -161.943275   -44.504113
-76.288833   -105.510445   -914.273486
 0.75000   -3.178558   -161.933268   -44.504113
-76.312770   -66.857116   -895.619237
 1.00000   -3.178558   -161.923413   -44.504113
-76.340266   -28.483179   -876.982424

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    10.693192    58.747866    17.751789
371.829660    78.627052   561.682136
 0.25000    10.693192    58.750464    17.751789
371.799751    63.651183   549.485376
 0.50000    10.693192    58.756251    17.751789
371.770501    48.748094   537.289586
 0.75000    10.693192    58.765000    17.751789
371.741845    33.903386   525.095140
 1.00000    10.693192    58.774461    17.751789
371.716787    19.833348   512.926779

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -8.493417   -222.343696   -33.111335
-200.842405   -133.433236    -1425.365
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    575

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.25000    -8.493417   -222.333744   -33.111335
-200.842405   -105.614624    -1419.850
 0.50000    -8.493417   -222.323666   -33.111335
-200.859391    -77.870182    -1414.597
 0.75000    -8.493417   -222.313657   -33.111335
-200.883336    -50.414373    -1411.351
 1.00000    -8.493417   -222.303802   -33.111335
-200.910914    -24.145129    -1406.747

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    18.299274    74.735426    21.507796
523.488635    75.643000   810.997452
 0.25000    18.299274    74.735426    21.507796
513.675494    61.424682   789.987300
 0.50000    18.299274    76.109762    21.507796
513.675494    48.136305   768.977166
 0.75000    18.299274    85.403229    21.507796
513.675494    35.796621   747.967033
 1.00000    18.299274    96.446356    21.507796
513.675494    23.657085   762.404257

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.911967   -584.072551   -45.974910
-439.264596   -189.167608    -2626.103
 0.25000   -16.911967   -566.744203   -45.974910
-439.264596   -150.713455    -2550.756
 0.50000   -16.911967   -549.248632   -45.974910
-439.264596   -112.605761    -2475.619
 0.75000   -16.911967   -531.961691   -45.974910
-439.264596    -75.528565    -2401.421
 1.00000   -16.911967   -515.017872   -45.974910
-442.038085    -51.012211    -2328.014

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.838268    89.776563    24.506484
583.693224    89.414816   832.821784
 0.25000    19.838268    89.776563    24.506484
575.675781    73.156453   814.590008
 0.50000    19.838268    90.908270    24.506484
575.675781    59.284111   796.358961
 0.75000    19.838268    98.647338    24.506484
575.675781    47.237237   778.157415
 1.00000    19.838268   107.834670    24.506484
575.675781    37.435392   789.491654

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.389457   -511.114609   -42.276958
-478.035870   -161.842579    -2355.298
 0.25000   -18.389457   -496.682516   -42.276958
-478.035870   -127.064334    -2309.195
 0.50000   -18.389457   -482.111200   -42.276958
-478.035870    -94.450951    -2264.287
 0.75000   -18.389457   -467.713731   -42.276958
-478.035870    -63.458517    -2220.710
 1.00000   -18.389457   -453.602107   -42.276958
-480.228327    -42.927810    -2178.351

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000     7.471375     40.560925     3.661753
229.888990    16.116054   233.132514
 0.25000     7.471375     40.563538     3.661753
229.858981    18.754928   232.570488
 0.50000     7.471375     40.569330     3.661753
229.829686    21.598194   232.008732
 0.75000     7.471375     40.578123     3.661753
229.800785    24.524247   231.446976
 1.00000     7.471375     40.587581     3.661753
229.775513    27.663325   230.952093
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    576

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -7.716536    -35.282669    -7.728393
-171.554925    -13.563471   -224.295458
 0.25000    -7.716536    -35.272713    -7.728393
-171.554925    -10.630361   -249.647767
 0.50000    -7.716536    -35.262630    -7.728393
-171.572142    -7.897894   -276.181266
 0.75000    -7.716536    -35.252617    -7.728393
-171.596129    -5.484374   -304.015120
 1.00000    -7.716536    -35.242757    -7.728393
-171.624112    -3.524996   -332.794780

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    11.766318    77.654511    35.974798
391.382409   151.986266   443.738585
 0.25000    11.766318    77.657081    35.974798
391.352520   125.775594   440.380395
 0.50000    11.766318    77.662867    35.974798
391.323278   100.099727   437.022205
 0.75000    11.766318    77.671618    35.974798
391.294431    75.112606   433.669206
 1.00000    11.766318    77.681069    35.974798
391.269656    51.699099   430.402193

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.527455    -81.871535   -10.952502
-294.932325    -16.459217    -573.117301
 0.25000   -16.527455    -81.861585   -10.952502
-294.932325     -9.411846   -613.550551
 0.50000   -16.527455    -81.851507   -10.952502
-294.949265     -4.747281   -655.898544
 0.75000   -16.527455    -81.841499   -10.952502
-294.973201     -3.407152    -700.167924
 1.00000   -16.527455    -81.831545   -10.952502
-295.000697     -2.935609    -746.117968

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    12.382822    87.795273    18.608780
501.169770    86.001125   657.364756
 0.25000    12.382822    87.797593    18.608780
501.142852    74.549290   648.267383
 0.50000    12.382822    87.802801    18.608780
501.116526    63.604104   639.170010
 0.75000    12.382822    87.810684    18.608780
501.090556    53.294698   630.078867
 1.00000    12.382822    87.819191    18.608780
501.068183    44.091085   621.062814

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -13.560833   -175.182526   -18.021428
-336.361357    -50.276741    -1211.559
 0.25000   -13.560833   -175.173569   -18.021428
-336.361357    -36.651529    -1242.345
 0.50000   -13.560833   -175.164499   -18.021428
-336.376645    -21.214332    -1274.672
 0.75000   -13.560833   -175.155491   -18.021428
-336.398195    -16.866719    -1309.100
 1.00000   -13.560833   -175.146621   -18.021428
-336.423015    -10.151616    -1345.086

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.035209    91.243601    17.505175
614.357342    74.647447   795.523466
 0.25000    19.035209    91.243601    17.505175
595.374231    65.511216   780.205454
 0.50000    19.035209    95.993607    17.505175
575.200577    56.819900   764.888654
 0.75000    19.035209   101.910394    17.505175
561.239215    48.676851   749.577571
 1.00000    19.035209   111.304278    17.505175
561.239215    41.471056   753.558435
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    577

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -17.392581   -407.961665   -49.418629
-410.358929   -186.220530    -1996.586
 0.25000   -17.392581   -397.814253   -49.418629
-410.358929   -145.251579    -1978.690
 0.50000   -17.392581   -387.553022   -49.418629
-410.358929   -106.096818    -1962.146
 0.75000   -17.392581   -377.387688   -49.418629
-425.499001    -69.709812    -1947.471
 1.00000   -17.392581   -367.400679   -49.418629
-446.317894    -36.937738    -1934.170

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    17.802407    52.663697    38.382586
437.324523   101.236506   810.682785
 0.25000    17.802407    52.679310    38.382586
438.313091    69.889494   774.660277
 0.50000    17.802407    53.024499    38.382586
438.553254    45.804400   766.234394
 0.75000    17.802407    58.227716    38.382586
438.553254    31.005358   811.628756
 1.00000    17.802407    66.018748    38.382586
438.553254    23.256757   863.529408

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -34.545012   -635.018318    -5.745837
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-659.436834  -14.271258   -4508.489
 0.25000   -34.545012  -614.989428   -5.745837
-654.472326  -11.412666   -4058.764
 0.50000   -34.545012  -594.923243   -5.745837
-648.759412  -19.617434   -3636.930
 0.75000   -34.545012  -575.169441   -5.745837
-642.806336  -38.119593   -3241.576
 1.00000   -34.545012  -555.883974   -5.745837
-636.853259  -62.249339   -2871.493

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   39.755538   93.022282   31.674630
645.357438   61.294568  1393.455
 0.25000   39.755538   93.200975   31.674630
645.479740   43.650246  1332.718
 0.50000   39.755538   96.220110   31.674630
645.479740   32.045113  1313.076
 0.75000   39.755538  105.946821   31.674630
645.479740   29.151790  1354.904
 1.00000   39.755538  116.258936   31.674630
645.479740   29.156248  1429.449

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -39.381543  -906.630251   -57.535483
-758.621006  -241.441115   -6885.241
 0.25000  -39.381543  -882.474334   -57.535483
-756.436156  -200.176058   -6246.671
 0.50000  -39.381543  -858.455854   -57.535483
-754.128906  -167.888000   -5643.564
 0.75000  -39.381543  -834.766435   -57.535483
-751.821657  -144.318849   -5079.938
 1.00000  -39.381543  -811.671524   -57.535483
-749.514490  -123.656069   -4552.354

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   35.664262  129.908335   30.954118
747.000032   67.844270  1767.250
 0.25000   35.664262  130.093009   30.954118
747.068540   51.345205  1692.056
 0.50000   35.664262  133.353364   30.954118
747.068540   39.282478  1655.511
 0.75000   35.664262  142.363908   30.954118
747.068540   34.873455  1674.707
 1.00000   35.664262  151.914413   30.954118
747.068540   34.821935  1721.833
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          578

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -37.209969  -915.462176   -46.494311
-789.052179  -189.910617   -7537.583
 0.25000  -37.209969  -893.299668   -46.494311
-787.462516  -158.676389   -6899.179
 0.50000  -37.209969  -871.269238   -46.494311
-785.805476  -134.740853   -6293.752
 0.75000  -37.209969  -849.542545   -46.494311
-784.148436  -118.459472   -5725.386
 1.00000  -37.209969  -828.363329   -46.494311
-782.491456  -105.568354   -5193.000

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   35.157833  155.918207   49.930918
799.626121  169.068745  1798.636
 0.25000   35.157833  156.072142   49.930918
799.681559  135.355214  1722.677
 0.50000   35.157833  158.789796   49.930918
799.681559  106.235398  1680.324
 0.75000   35.157833  166.300495   49.930918
799.681559   84.552425  1685.578
 1.00000   35.157833  174.261275   49.930918
799.681559   67.113161  1715.430

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -41.414440  -800.756435   -42.527230
-804.568336  -162.478079   -6765.492
 0.25000  -41.414440  -782.282976   -42.527230
-803.243280  -134.564354   -6226.968
 0.50000  -41.414440  -763.919611   -42.527230
-801.862062  -114.011031   -5717.593
 0.75000  -41.414440  -745.809424   -42.527230
-800.480844  -100.112337   -5240.744
 1.00000  -41.414440  -728.155584   -42.527230
-799.099675   -88.933731   -4795.622

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.778636   44.045223    0.356785
218.692248   9.894400  636.455457
 0.25000   22.778636   44.048643    0.356785
218.677644   9.896074  608.145681
 0.50000   22.778636   44.052454    0.356785
218.663407   9.975080  582.062156
 0.75000   22.778636   44.056557    0.356785
218.649664   10.12729  564.880856
 1.00000   22.778636   44.061014    0.356785
218.636596   10.316892  570.402637

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.352160  -215.756239   -58.827125
-86.393748  -257.981667   -2265.124
 0.25000   -4.352160  -215.749420   -58.827125
-86.405350  -206.851539   -2105.776
 0.50000   -4.352160  -215.742658   -58.827125
-86.418038  -165.786002   -1949.981
 0.75000   -4.352160  -215.736019   -58.827125
-86.431655  -104.801385   -1803.747
 1.00000   -4.352160  -215.729588   -58.827125
-86.446076   -53.835290   -1667.301

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.857776  103.617840   19.645857
417.044632   99.949937  1151.169
 0.25000   20.857776  103.621261   19.645857
417.030029   83.613750  1100.972
 0.50000   20.857776  103.625071   19.645857
417.015791   67.482607  1055.056
 0.75000   20.857776  103.629214   19.645857
417.002048   51.428965  1018.658
 1.00000   20.857776  103.633631   19.645857
416.988980   35.693311  1006.187
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          579

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.341640  -293.817020   -45.528849
-240.507192  -194.101032   -3376.746
 0.25000  -12.341640  -293.810200   -45.528849
-240.518795  -155.341515   -3179.095
 0.50000  -12.341640  -293.803439   -45.528849
-240.531482  -116.818849   -2986.645
 0.75000  -12.341640  -293.796800   -45.528849
-240.545100   -78.524094   -2805.484
 1.00000  -12.341640  -293.790369   -45.528849
-240.559520   -40.756781   -2636.623

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   32.351076  133.754281   26.077085
658.228472   97.803811  1670.149
 0.25000   32.351076  138.979549   26.077085
633.015574   81.685749  1601.767
 0.50000   32.351076  147.667801   26.077085
628.657113   67.619770  1575.696
 0.75000   32.351076  157.126087   26.077085
625.746956   54.636287  1573.558
 1.00000   32.351076  167.177589   26.077085
624.295106   42.539271  1588.633

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -27.673104  -731.624170   -57.785105
-551.768355  -258.850035   -6316.422
 0.25000  -27.673104  -712.904694   -57.785105
-554.392421  -213.675445   -5826.962
 0.50000  -27.673104  -694.284060   -57.785105
-558.431860  -170.123935   -5362.654
 0.75000  -27.673104  -675.961687   -57.785105
-563.919602  -127.786714   -4936.012
 1.00000  -27.673104  -658.159743   -57.785105
-581.633852   -91.552447   -4549.277

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   34.148534  156.058825   30.769316
743.969077  129.310362  1703.982
 0.25000   34.148534  160.410486   30.769316
722.971497  109.989286  1637.396
 0.50000   34.148534  167.646158   30.769316
719.341723   94.095379  1607.183
 0.75000   34.148534  175.523123   30.769316
716.918113   80.797349  1597.799
 1.00000   34.148534  183.894125   30.769316
715.708996   69.213949  1604.010

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -29.748492  -644.091514   -53.746227
-616.519007  -220.202107   -5656.387
 0.25000  -29.748492  -628.501727   -53.746227
-618.704358  -179.378866   -5246.428
 0.50000  -29.748492  -612.994258   -53.746227
-622.068447  -141.745965   -4858.844
 0.75000  -29.748492  -597.735184   -53.746227
-626.638699  -106.554115   -4503.916
 1.00000  -29.748492  -582.909528   -53.746227
-641.391322   -76.700973   -4183.972

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.070216   65.322845    6.042754
310.480337  31.611090  465.383132
 0.25000   15.070216   65.326260    6.042754
310.466379  31.673954  452.937724
 0.50000   15.070216   65.330065    6.042754
310.452184  34.806673  442.629512
 0.75000   15.070216   65.334201    6.042754
310.438486  40.871070  434.331037
 1.00000   15.070216   65.338611    6.042754
310.425462  48.757486  428.311449
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          580

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.653615   -52.679237   -15.248108
-242.714592  -21.885769   -539.643353
 0.25000   -9.653615   -52.672420   -15.248108
-242.726164  -13.552774   -536.829126
 0.50000   -9.653615   -52.665661   -15.248108
-242.738818   -7.828736   -536.666998
 0.75000   -9.653615   -52.659024   -15.248108
-242.752401   -5.061125   -539.244540
 1.00000   -9.653615   -52.652594   -15.248108
-242.766783   -4.330076   -544.803992

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.521756  124.867622   42.577163
508.208162  200.064020  897.050523
 0.25000   19.521756  124.871040   42.577163
508.193584  169.209639  867.654246
 0.50000   19.521756  124.874847   42.577163
508.179372  141.224966  836.728314
 0.75000   19.521756  124.878986   42.577163
508.165654  116.318872  811.938295
 1.00000   19.521756  124.883399   42.577163
508.152611   93.568360  792.002778

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -23.901201  -112.381991   -17.269812
-404.947932  -22.430248   -1335.924
 0.25000  -23.901201  -112.375173   -17.269812
-404.959518  -12.707892   -1314.987
 0.50000  -23.901201  -112.368413   -17.269812
-404.972186   -6.581909   -1298.255
 0.75000  -23.901201  -112.361775   -17.269812
-404.985784   -4.853416   -1286.613
 1.00000  -23.901201  -112.355345   -17.269812
-405.000182   -5.167193   -1280.905

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   24.668558  147.345886   25.970017
616.060407  135.255519  1331.000
 0.25000   24.668558  147.382796   25.970017
615.902968  118.044707  1281.108
 0.50000   24.668558  147.423911   25.970017
615.749478  103.284237  1234.908
 0.75000   24.668558  147.469612   25.970017
615.601321   91.272013  1194.986
 1.00000   24.668558  147.516274   25.970017
615.460453   81.145654  1163.726

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.308990  -236.524082   -32.395696
-432.811003  -94.687093   -2859.244
 0.25000  -19.308990  -236.450447   -32.395696
-432.936123  -70.810837   -2736.959
 0.50000  -19.308990  -236.377437   -32.395696
-433.072945   -51.981751   -2631.319
 0.75000  -19.308990  -236.305747   -32.395696
-433.219800   -32.968312   -2510.037
 1.00000  -19.308990  -236.236302   -32.395696
-433.375300   -18.608721   -2411.305

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   37.575228  158.212122   24.188818
768.702507  117.558671  1623.379
 0.25000   37.575228  163.309474   24.188818
749.054205  103.592857  1562.744
 0.50000   37.575228  169.006263   24.188818
729.919284   92.040246  1532.312
 0.75000   37.575228  175.198907   24.188818
711.548842   83.172879  1512.102
 1.00000   37.575228  181.796676   24.188818
696.905527   76.187646  1507.792
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          581

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.351710  -518.807810   -65.603606
-534.090341  -257.880762   -4783.480
 0.25000  -25.351710  -507.738866   -65.603606
-536.479807  -206.082536   -4477.224
 0.50000  -25.351710  -496.753238   -65.603606
-551.543454  -157.148449   -4190.923
 0.75000  -25.351710  -485.959215   -65.603606
-570.499108  -111.808472   -3923.735
 1.00000  -25.351710  -475.487190   -65.603606
-590.523276   -69.183478   -3676.032

 COMB      DB ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   25.670626   91.243601   35.974798
632.056545  151.986266  876.311765
 0.25000   25.670626   91.243601   35.974798
632.056545  125.778594  854.687826
 0.50000   25.670626   95.993607   35.974798
632.056545  100.099727  833.072225
 0.75000   25.670626  101.910394   35.974798
632.056545  75.112606  811.471811
 1.00000   25.670626  111.304278   35.974798
632.056545   51.699099  829.781394

 COMB      DB ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.879095  -723.352119   -49.418629
-611.950899  -189.167608   -3112.399
 0.25000  -20.879095  -702.632608   -49.418629
-611.950899  -150.713455   -2991.307
 0.50000  -20.879095  -681.776125   -49.418629
-611.950899  -117.921478   -2870.444
 0.75000  -20.879095  -661.264747   -49.418629
-611.950899   -94.145630   -2750.530
 1.00000  -20.879095  -641.245161   -49.418629
-611.950899   -70.676235   -2630.918

 COMB      DL ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   39.755538  158.212122   49.930918
799.626121  200.064020  1798.636
 0.25000   39.755538  163.309474   49.930918
799.681559  169.209639  1722.677
 0.50000   39.755538  169.006263   49.930918
799.681559  141.224966  1680.324
 0.75000   39.755538  175.523123   49.930918
799.681559  116.318872  1685.578
 1.00000   39.755538  183.894125   49.930918
799.681559   93.568360  1721.833

 COMB      DL ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -41.414440  -915.462176   -65.603606
-804.568336  -258.850035   -7537.583
 0.25000  -41.414440  -893.299668   -65.603606
-803.243280  -213.675445   -6899.179
 0.50000  -41.414440  -871.269238   -65.603606
-801.862062  -170.123935   -6293.752
 0.75000  -41.414440  -849.542545   -65.603606
-800.480844  -144.318849   -5725.386
 1.00000  -41.414440  -828.363329   -65.603606
-799.099675  -123.656069   -5193.000

 COMB      CAR ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   39.755538  158.212122   49.930918
799.626121  200.064020  1798.636
 0.25000   39.755538  163.309474   49.930918
799.681559  169.209639  1722.677
 0.50000   39.755538  169.006263   49.930918
799.681559  141.224966  1680.324
 0.75000   39.755538  175.523123   49.930918
799.681559  116.318872  1685.578
 1.00000   39.755538  183.894125   49.930918
799.681559   93.568360  1721.833
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          582

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -41.414440  -915.462176   -65.603606
-804.568336  -258.850035   -7537.583
 0.25000  -41.414440  -893.299668   -65.603606
-803.243280  -213.675445   -6899.179
 0.50000  -41.414440  -871.269238   -65.603606
-801.862062  -170.123935   -6293.752
 0.75000  -41.414440  -849.542545   -65.603606
-800.480844  -144.318849   -5725.386
 1.00000  -41.414440  -828.363329   -65.603606
-799.099675  -123.656069   -5193.000

 COMB      DESIGN ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   39.755538  158.212122   49.930918
799.626121  200.064020  1798.636
 0.25000   39.755538  163.309474   49.930918
799.681559  169.209639  1722.677
 0.50000   39.755538  169.006263   49.930918
799.681559  141.224966  1680.324
 0.75000   39.755538  175.523123   49.930918
799.681559  116.318872  1685.578
 1.00000   39.755538  183.894125   49.930918
799.681559   93.568360  1721.833

 COMB      DESIGN ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -41.414440  -915.462176   -65.603606
-804.568336  -258.850035   -7537.583
 0.25000  -41.414440  -893.299668   -65.603606
-803.243280  -213.675445   -6899.179
 0.50000  -41.414440  -871.269238   -65.603606
-801.862062  -170.123935   -6293.752
 0.75000  -41.414440  -849.542545   -65.603606
-800.480844  -144.318849   -5725.386
 1.00000  -41.414440  -828.363329   -65.603606
-799.099675  -123.656069   -5193.000

ELEM        24 ========== LENGTH
=     4.988003

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.387038   26.584548    5.060382
176.623183  17.993585  382.964756
 0.25000   14.387038   39.630494    5.060382
176.623183  16.217006  600.684978
 0.50000   14.387038   60.186451    5.060382
176.623183  15.954160  834.769381
 0.75000   14.387038   82.307987    5.060382
176.623183  17.080278   1040.861
 1.00000   14.387038  104.584992    5.060382
176.623183  19.119234   1218.700

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.191051  -433.423103   -2.841824
-539.071938  -37.527740   -1417.867
 0.25000  -14.191051  -408.519993   -2.841824
-539.071938  -40.056274   -1315.579
 0.50000  -14.191051  -382.962745   -2.841824
-539.071938  -42.860806   -1213.740
 0.75000  -14.191051  -358.240859   -2.841824
-539.071938  -45.760775   -1112.436
 1.00000  -14.191051  -334.889261   -2.841824
-539.071938  -48.787093   -1011.506

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   26.319791   47.335790    2.413340
310.507795  17.129522  641.255591
 0.25000   26.319791   65.563672    2.413340
310.507795  19.040991  912.940410
 0.50000   26.319791   91.576725    2.413340
310.507795  23.959156   1235.909
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          583

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000   26.319791  119.505479    2.413340
310.507795   41.692205  1567.397
 1.00000   26.319791  148.395544    2.413340
310.507795   60.463125  1885.843

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.533734  -632.866765   -16.283633
-619.833693  -71.762221   -2276.881
 0.25000  -19.533734  -601.011472   -16.283633
-619.833693  -62.107825   -2132.677
 0.50000  -19.533734  -569.170081   -16.283633
-619.833693  -60.417117   -1989.307
 0.75000  -19.533734  -538.334105   -16.283633
-619.833693  -60.057645   -1846.139
 1.00000  -19.533734  -509.137223   -16.283633
-619.833693  -60.455555   -1703.590

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.544489   60.456372    2.164469
449.134615  19.246230  903.976266
 0.25000   22.544489   77.310969    2.164469
449.134615  21.502882   1042.318
 0.50000   22.544489  101.214211    2.164469
449.134615  25.101312   1317.840
 0.75000   22.544489  126.872946    2.164469
449.134615   37.435271   1617.700
 1.00000   22.544489  153.196033    2.164469
449.134615   50.997259   1984.021

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.866665  -656.282142   -11.894025
-586.391682  -62.821658   -2631.646
 0.25000  -18.866665  -626.984697   -11.894025
-586.391682  -56.790432   -2493.282
 0.50000  -18.866665  -597.763414   -11.894025
-586.391682  -55.231263   -2355.683
 0.75000  -18.866665  -569.461584   -11.894025
-586.391682  -54.448241   -2218.246
 1.00000  -18.866665  -542.660830   -11.894025
-586.391682  -54.220884   -2081.735

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   23.049808   64.116257    8.797671
535.765237  35.951834  829.982560
 0.25000   23.049808   78.161755    8.797671
535.765237  33.170910   1025.080
 0.50000   23.049808   98.081124    8.797671
535.765237  33.519491   1259.749
 0.75000   23.049808  119.463402    8.797671
535.765237   42.585648   1497.812
 1.00000   23.049808  141.640725    8.797671
535.765237   53.092117   1798.505

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -21.766753  -583.639682   -10.400084
-548.924522  -52.955445   -2476.931
 0.25000  -21.766753  -559.225144   -10.400084
-548.924522  -47.774809   -2371.299
 0.50000  -21.766753  -534.874074   -10.400084
-548.924522  -53.320745   -2266.568
 0.75000  -21.766753  -511.289192   -10.400084
-548.924522  -61.041888   -2162.493
 1.00000  -21.766753  -488.955254   -10.400084
-548.924522  -69.457709   -2059.647

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.107027   22.134160    0.228768
181.409076   6.440761  280.931812
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                          584

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   11.107027   22.144932    0.228768
181.366797   6.241805  282.730567
 0.50000   11.107027   22.156852    0.228768
181.330279   6.939622  317.449979
 0.75000   11.107027   22.169536    0.228768
181.297547   21.623991  426.453146
 1.00000   11.107027   22.184392    0.228768
181.286307   37.629585  583.943787

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.532398  -154.895953   -13.008092
-51.147975  -28.938528  -876.999794
 0.25000   -3.532398  -154.886734   -13.008092
-51.164865  -17.471274  -843.666836
 0.50000   -3.532398  -154.867065   -13.008092
-51.196687  -12.991218  -810.414468
 0.75000   -3.532398  -154.853754   -13.008092
-51.235913   -9.867600  -777.295360
 1.00000   -3.532398  -154.841066   -13.008092
-51.280624   -7.599126  -744.251932

 COMB DB-G2-2 ---------- MAX
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 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.629301   40.297609    5.463399
380.295133   20.184676  512.926632
 0.25000   10.629301   40.308382    5.463399
380.252840   15.526648  507.193365
 0.50000   10.629301   40.320303    5.463399
380.216310   14.022407  532.105034
 0.75000   10.629301   40.332988    5.463399
380.183512   23.556277  625.812076
 1.00000   10.629301   40.347647    5.463399
380.172190   34.339408  829.690694

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.709697 -228.234238   -9.089609
-98.669199  -25.089589   1406.486
 0.25000   -8.709697 -228.219016   -9.089609
-98.686129  -16.068980  -1373.606
 0.50000   -8.709697 -228.205346   -9.089609
-98.718031  -16.429135  -1340.883
 0.75000   -8.709697 -228.192034   -9.089609
-98.757270  -19.266596  -1308.399
 1.00000   -8.709697 -228.179346   -9.089609
-98.801995  -23.045843  -1276.534

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   18.696188   59.972709    5.627739
445.804523   24.071472  762.490023
 0.25000   18.696188   76.444972    5.627739
445.518444   19.933052  944.582418
 0.50000   18.696188   96.801174    5.627739
445.518444   23.639463  1144.646
 0.75000   18.696188  118.562797    5.627739
445.518444   38.229038  1372.669
 1.00000   18.696188  142.547337    5.627739
445.518444   54.001747  1667.317

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.601128  -551.415998  -13.668408
-374.425734  -52.419183  -2328.297
 0.25000  -17.601128  -525.955980  -13.668408
-374.425734  -44.610730  -2228.160
 0.50000  -17.601128  -501.817530  -13.668408
-374.425734  -44.459912  -2128.149
 0.75000  -17.601128  -478.378377  -13.668408
-399.806941  -46.553210  -2028.491
 1.00000  -17.601128  -456.113736  -13.668408
-432.351686  -49.558521  -1929.631
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              585

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   20.252474   64.675596    8.086369
531.849750   37.407848  789.524578
 0.25000   20.252474   78.392136    8.086369
531.766541   33.357712  938.363569
 0.50000   20.252474   95.345623    8.086369
531.766541   35.669957  1102.288
 0.75000   20.252474  113.469695    8.086369
531.766541   46.973064  1289.095
 1.00000   20.252474  133.443614    8.086369
531.766541   59.350418  1532.777

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.151877  -489.381571  -11.972280
-381.752144  -44.100171  -2178.272
 0.25000  -19.151871  -468.177954  -11.972280
-381.752144  -38.250683  -2107.634
 0.50000  -19.151871  -448.073667  -11.972280
-381.752144  -42.040088  -2037.556
 0.75000  -19.151871  -428.551871  -11.972280
-402.777376  -47.771856  -1968.261
 1.00000  -19.151871  -410.008367  -11.972280
-429.867739  -54.334366  -1900.144

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.611903   23.635240    4.053887
243.805041   27.093103  230.886630
 0.25000    7.611903   23.646019    4.053887
243.762676   27.043757  227.134656
 0.50000    7.611903   23.657946    4.053887
243.726089   27.288974  223.414907
 0.75000    7.611903   23.670638    4.053887
243.692963   27.657148  219.701936
 1.00000    7.611903   23.685508    4.053887
243.681227   28.045330  216.969261

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.981044  -41.715509   -1.311479
-113.403237   -3.402686  -332.295000
 0.25000   -7.981044  -41.700279   -1.311479
-113.420364   -4.179014  -353.639907
 0.50000   -7.981044  -41.686604   -1.311479
-113.452671   -6.494370  -375.830023
 0.75000   -7.981044  -41.673287   -1.311479
-113.491968   -9.864597  -398.668210
 1.00000   -7.981044  -41.660594   -1.311479
-113.536767  -13.846880  -422.287684

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.996271   39.519715   14.343864
431.868602   51.070321  430.312171
 0.25000   11.996271   39.534787   14.343864
431.826324   41.912475  421.830246
 0.50000   11.996271   39.542407   14.343864
431.789805   38.391508  414.609933
 0.75000   11.996271   39.555091   14.343864
431.757073   38.264954  408.156057
 1.00000   11.996271   39.569947   14.343864
431.745834   38.451816  416.011481

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.780534  -98.482258   -1.840365
-172.344907   -2.754643  -745.330667
 0.25000  -16.780534  -98.467038   -1.840365
-172.361797   -4.825791  -771.782624
 0.50000  -16.780534  -98.453369   -1.840365
-172.393618  -16.398994  -799.457103
 0.75000  -16.780534  -98.440058   -1.840365
-172.432845  -31.926598  -828.218123
 1.00000  -16.780534  -98.427371   -1.840365
-172.477555  -48.528532  -858.280449
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              586

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.497383   53.974002    9.095108
545.289061   43.746021  620.988126
 0.25000   12.497383   53.983698    9.095108
545.250998   39.605366  605.352782
 0.50000   12.497383   53.994427    9.095108
545.218121   37.502057  591.725740
 0.75000   12.497383   54.005844    9.095108
545.188603   39.122559  627.254594
 1.00000   12.497383   54.019216    9.095108
545.178413   41.665068  752.580334

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.919976 -194.281865   -3.578914
-178.308484  -10.653592  -1344.295
 0.25000  -13.919976 -194.268166   -3.578914
-178.323721  -10.860190  -1349.081
 0.50000  -13.919976 -194.255863   -3.578914
-178.352433  -16.256668  -1354.936
 0.75000  -13.919976 -194.243882   -3.578914
-178.387748  -23.989483  -1361.662
 1.00000  -13.919976 -194.232462   -3.578914
-178.428000  -32.631870  -1369.818

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.335328   64.359412    7.853024
592.863139   41.302748  753.509785
 0.25000   19.335328   74.783024    7.853024
568.267489   37.187866  851.498507
 0.50000   19.335328   86.824264    7.853024
545.409462   39.130905  964.706665
 0.75000   19.335328   99.665590    7.853024
545.409462   51.767847  1109.845
 1.00000   19.335328  114.275058    7.853024
545.409462   65.877030  1319.212

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -18.056381  -401.359250  -13.503873
-294.869334  -37.788322  -1933.803
 0.25000  -18.056381  -386.137687  -13.503873
-294.869334  -31.822549  -1889.854
 0.50000  -18.056381  -372.102780  -13.503873
-317.576026  -33.643313  -1846.804
 0.75000  -18.056381  -358.454636  -13.503873
-342.902874  -38.052626  -1804.622
 1.00000  -18.056381  -345.469339  -13.503873
-367.009661  -43.646275  -1763.653

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   18.596022   61.977416    6.761313
266.610836   22.501598  863.871488
 0.25000   18.596022   73.381888    6.761313
266.610836   22.117761  949.977574
 0.50000   18.596022   86.305241    6.761313
266.610836   22.962060  1042.613
 0.75000   18.596022  100.367590    6.761313
266.610836   25.172962  1136.368
 1.00000   18.596022  115.134997    6.761313
266.610836   27.766145  1227.696

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -35.454095  -503.554351   -3.264712
-700.893096  -61.175386  -2870.479
 0.25000  -35.454095  -477.280600   -3.264712
-692.387261  -65.728062  -2467.580
 0.50000  -35.454095  -451.320322   -3.264712
-683.881426  -70.879625  -2108.387
 0.75000  -35.454095  -426.160545   -3.264712
-675.375591  -76.655138  -1788.429
 1.00000  -35.454095  -402.222222   -3.264712
-666.869756  -82.847336  -1503.807
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              587

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   40.809271  102.378220    4.517431
428.063746   30.209005  1429.776
 0.25000   40.809271  116.672559    4.517431
428.063746   30.425571  1519.163
 0.50000   40.809271  132.869960    4.517431
428.063746   36.917059  1638.864
 0.75000   40.809271  150.504030    4.517431
428.063746   56.128293  1793.889
 1.00000   40.809271  169.052369    4.517431
428.063746   77.906592  1965.688

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -40.849542 -744.579238   -20.735881
-800.455128 -122.257057  -4551.474
 0.25000  -40.849542 -712.904485   -20.735881
-797.158430 -106.134988  -3937.839
 0.50000  -40.849542 -681.671523   -20.735881
-793.861802  -97.442526  -3392.969
 0.75000  -40.849542 -651.437669   -20.735881
-790.565173  -96.147725  -2909.129
 1.00000  -40.849542 -622.700571   -20.735881
-787.268544  -97.155792  -2483.421

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   36.832479  124.403191    5.015807
585.467345   34.652866  1721.969
 0.25000   36.832479  137.582485    5.015807
585.467345   37.304006  1788.314
 0.50000   36.832479  152.495573    5.015807
585.467345   42.735867  1890.644
 0.75000   36.832479  168.742701    5.015807
585.467345   56.572701  2047.246
 1.00000   36.832479  185.835965    5.015807
585.467345   72.301308  2247.025

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -38.798883 -788.057708   -16.151521
-752.300806 -104.941571  -5192.550
 0.25000  -38.798883 -758.989459   -16.151521
-749.933156  -94.674489  -4529.896
 0.50000  -38.798883 -730.332395   -16.151521
-747.565555  -89.205955  -3942.949
 0.75000  -38.798883 -702.596852   -16.151521
-745.197955  -88.743076  -3427.982
 1.00000  -38.798883 -676.236397   -16.151521
-742.830355  -89.917468  -2981.868

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   36.157324  131.688075   13.104719
689.404242   67.049940  1715.439
 0.25000   36.157324  142.676716   13.104719
689.404242   60.046184  1761.195
 0.50000   36.157324  155.104352   13.104719
689.404242   58.857976  1843.215
 0.75000   36.157324  168.647072   13.104719
689.404242   67.289924  1977.661
 1.00000   36.157324  182.895085   13.104719
689.404242   78.411477  2155.414

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -42.797183 -705.115080   -14.037118
-713.714729  -88.413791  -4795.423
 0.25000  -42.797183 -680.885373   -14.037118
-711.741185  -79.765401  -4213.202
 0.50000  -42.797183 -656.998406   -14.037118
-709.767682  -80.491629  -3701.359
 0.75000  -42.797183 -633.879570   -14.037118
-707.794180  -87.770121  -3258.205
 1.00000  -42.797183 -611.906931   -14.037118
-705.820677  -97.694255  -2882.028
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              588

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   22.938527   39.536396    0.387774
197.075439   10.348482  570.300346
 0.25000   22.938527   39.541377    0.387774
197.057019    9.954896  552.885131
 0.50000   22.938527   39.546998    0.387774
197.039423   13.279998  561.894089
 0.75000   22.938527   39.553135    0.387774
197.023012   30.296962  624.887366
 1.00000   22.938527   39.559651    0.387774
197.008195   49.605889  713.058947

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.853778 -204.287949   -18.071227
-59.258798  -53.657674  -1667.611
 0.25000   -4.853778 -204.278790   -18.071227
-59.274667  -32.860031  -1470.745
 0.50000   -4.853778 -204.269842   -18.071227
-59.292248  -18.909955  -1297.187
 0.75000   -4.853778 -204.261241   -18.071227
-59.311208  -13.020819  -1146.865
 1.00000   -4.853778 -204.253152   -18.071227
-59.331221   -9.378940  -1020.355

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   21.143047   74.470905    7.037175
438.617125   36.472148  1005.984
 0.25000   21.143047   74.475885    7.037175
438.598705   30.305250  971.687821
 0.50000   21.143047   74.481507    7.037175
438.581109   28.852783  974.189504
 0.75000   21.143047   74.487644    7.037175
438.564698   37.492666  1042.931
 1.00000   21.143047   74.494159    7.037175
438.549881   48.717387  1167.663

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.961638 -303.762873   -12.944691
-120.172508  -39.304519  -2637.284
 0.25000  -12.961638 -303.753714   -12.944691
-120.188378  -27.436172  -2352.784
 0.50000  -12.961638 -303.744766   -12.944691
-120.205958  -21.152703  -2104.325
 0.75000  -12.961638 -303.736165   -12.944691
-120.224918  -21.407810  -1894.612
 1.00000  -12.961638 -303.728076   -12.944691
-120.244931  -24.316065  -1724.205

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   33.240470  119.302999    7.093007
583.439131   42.404081  1588.536
 0.25000   33.240470  131.694697    7.093007
558.002578   38.506043  1633.139
 0.50000   33.240470  145.696193    7.093007
555.439494   42.969898  1706.001
 0.75000   33.240470  160.970291    7.093007
555.120778   56.901329  1828.181
 1.00000   33.240470  177.108201    7.093007
555.123554   73.061296  1989.304

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -28.984821 -664.291003   -18.747219
-464.752473  -91.152176  -4549.746
 0.25000  -28.984821 -639.420132   -18.747219
-471.675094  -75.114131  -4029.499
 0.50000  -28.984821 -615.004958   -18.747219
-481.111041  -67.065573  -3586.822
 0.75000  -28.984821 -591.457813   -18.747219
-515.679073  -65.422267  -3153.344
 1.00000  -28.984821 -569.181463   -18.747219
-552.107633  -66.699185  -2806.849
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              589

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   34.967133  129.644381   10.693012
694.893816   68.994658  1603.784
 0.25000   34.967133  139.964323   10.693012
673.709974   62.351275  1633.348
 0.50000   34.967133  151.624924   10.693012
671.575409   63.839600  1692.217
 0.75000   34.967133  164.345367   10.693012
671.309979   73.337640  1798.220
 1.00000   34.967133  177.788190   10.693012
671.312291   85.635522  1942.699

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -31.011384 -595.556518   -16.258188
-492.917727  -76.246180  -4184.487
 0.25000  -31.011384 -574.843783   -16.258188
-498.682962  -64.060613  -3732.616
 0.50000  -31.011384 -554.510556   -16.258188
-506.541323  -60.878729  -3327.194
 0.75000  -31.011384 -534.900234   -16.258188
-535.329961  -63.337026  -2987.550
 1.00000  -31.011384 -516.348244   -16.258188
-565.668067  -68.695115  -2704.256

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.243631   47.628523    4.817111
319.000106   48.298163  428.034256
 0.25000   15.243631   47.633498    4.817111
318.981750   47.290970  418.488964
 0.50000   15.243631   47.639114    4.817111
318.964216   47.148626  416.884512
 0.75000   15.243631   47.645244    4.817111
318.947864   47.664593  423.655686
 1.00000   15.243631   47.651753    4.817111
318.933104   48.709821  438.176163

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.977563  -59.653792   -2.226763
-175.070648   -3.796294 -544.902295
 0.25000   -9.977563  -59.644636   -2.226763
-175.086483   -5.031246  -526.072622
 0.50000   -9.977563  -59.635693   -2.226763
-175.104018   -7.642221  -516.670601
 0.75000   -9.977563  -59.627094   -2.226763
-175.122932  -11.306322  -521.227747
 1.00000   -9.977563  -59.619009   -2.226763
-175.142895  -15.713327  -533.528028

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.675135   80.179432   17.663010
554.300730   93.283768  791.625573
 0.25000   19.675135   80.184410   17.663010
554.282346   78.139026  768.321042
 0.50000   19.675135   80.190028   17.663010
554.264785   69.618820  761.931619
 0.75000   19.675135   80.196161   17.663010
554.248408   66.500744  774.558452
 1.00000   19.675135   80.202673   17.663010
554.233624   65.476431  810.925488

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -24.185958 -134.515469   -2.479372
-257.467328   -4.622975  -1281.229
 0.25000  -24.185958 -134.506312   -2.479372
-257.483174   -6.321397  -1207.832
 0.50000  -24.185958 -134.497367   -2.479372
-257.500730  -15.955733  -1154.154
 0.75000  -24.185958 -134.488767   -2.479372
-257.519664  -31.229797  -1125.819
 1.00000  -24.185958 -134.480681   -2.479372
-257.539648  -49.403509  -1117.485
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              590

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   24.994480  103.261430   12.153733
667.058838   81.126659  1163.301
 0.25000   24.994480  103.315190   12.153733
666.860292   72.943906  1127.345
 0.50000   24.994480  103.375865   12.153733
666.670637   68.977079  1120.577
 0.75000   24.994480  103.442125   12.153733
666.493767   69.650751  1168.488
 1.00000   24.994480  103.512427   12.153733
666.334091   72.752792  1262.349

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.960344 -264.619755   -6.576399
-251.230918  -18.340517  -2411.969
 0.25000  -19.960344 -264.520863   -6.576399
-251.402065  -15.936797  -2200.695
 0.50000  -19.960344 -264.421254   -6.576399
-251.591669  -18.917932  -2024.120
 0.75000  -19.960344 -264.331375   -6.576399
-251.796150  -26.084232  -1889.211
 1.00000  -19.960344 -264.244044   -6.576399
-252.011982  -35.903655  -1791.927

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   38.177040  126.767604   10.390480
750.625598   75.802969  1507.409
 0.25000   38.177040  134.491409   10.390480
726.564937   69.380018  1516.504
 0.50000   38.177040  143.217446   10.390480
703.628385   70.609824  1555.008
 0.75000   38.177040  152.741850   10.390480
682.406332   82.308887  1644.209
 1.00000   38.177040  162.834150   10.390480
680.490268   97.601009  1772.721

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -26.501256 -497.651997  -18.644942
-392.481080  -68.676637  -3676.637
 0.25000  -26.501256 -482.870227  -18.644942
-407.919366  -53.673371  -3299.938
 0.50000  -26.501256 -468.401682  -18.644942
-432.703793  -47.631887  -2973.958
 0.75000  -26.501256 -454.467197  -18.644942
-459.441733  -49.063745  -2687.034
 1.00000  -26.501256 -441.330656  -18.644942
-487.502135  -54.140525  -2466.197

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   26.319791   64.675596   14.343864
592.863139   51.070321  829.982560
 0.25000   26.319791   78.392136   14.343864
568.257489   41.912475  1042.318
 0.50000   26.319791  101.214211   14.343864
545.409462   39.130905  1317.840
 0.75000   26.319791  126.872946   14.343864
545.409462   51.767847  1672.700
 1.00000   26.319791  153.485733   14.343864
545.409462   65.877030  1984.021

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -21.766753 -656.282142  -16.283633
-619.833693  -71.762221  -2631.646
 0.25000  -21.766753 -626.984697  -16.283633
-619.833693  -62.107825  -2493.282
 0.50000  -21.766753 -597.763414  -16.283633
-619.833693  -60.417117  -2355.683
 0.75000  -21.766753 -569.461556  -16.283633
-619.833693  -61.041888  -2218.246
 1.00000  -21.766753 -542.660830  -16.283633
-619.833693  -69.457709  -2081.735
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                    Page
<            MOVING          LOAD            >
                              591

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   40.809271  131.688075   17.663010
750.625598   93.283768  1721.969
 0.25000   40.809271  142.673616   17.663010
726.564937   78.139026  1788.314
 0.50000   40.809271  155.104352   17.663010
703.628385   70.609824  1890.644
 0.75000   40.809271  168.742701   17.663010
689.404242   82.308887  2047.246
 1.00000   40.809271  185.835965   17.663010
689.404242   97.601009  2247.025

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -42.797183 -788.057708   -20.735881
-800.455128 -122.257057  -5192.550
 0.25000  -42.797183 -758.989459   -20.735881
-797.158430 -106.134988  -4529.896
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 0.50000   -42.797183  -730.332395   -20.735881
-793.861802   -97.442526   -3942.949
 0.75000   -42.797183  -702.596852   -20.735881
-790.565173   -96.147725   -3427.982
 1.00000   -42.797183  -676.236397   -20.735881
-787.268544   -97.694255   -2981.868

 COMB      CAR  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   40.809271   131.688075    17.663010
750.625598    93.283768    1721.969
 0.25000   40.809271   142.673616    17.663010
726.564937    78.139026    1788.314
 0.50000   40.809271   155.104352    17.663010
703.628385    70.609824    1890.644
 0.75000   40.809271   168.742701    17.663010
689.404242    82.308887    2047.246
 1.00000   40.809271   185.835965    17.663010
689.404242    97.601009    2247.025

 COMB      CAR  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -42.797183  -788.057708   -20.735881
-800.455128  -122.257057   -5192.550
 0.25000   -42.797183  -758.989459   -20.735881
-797.158430  -106.134988   -4529.896
 0.50000   -42.797183  -730.332395   -20.735881
-793.861802   -97.442526   -3942.949
 0.75000   -42.797183  -702.596852   -20.735881
-790.565173   -96.147725   -3427.982
 1.00000   -42.797183  -676.236397   -20.735881
-787.268544   -97.694255   -2981.868

 COMB    DESIGN  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   40.809271   131.688075    17.663010
750.625598    93.283768    1721.969
 0.25000   40.809271   142.673616    17.663010
726.564937    78.139026    1788.314
 0.50000   40.809271   155.104352    17.663010
703.628385    70.609824    1890.644
 0.75000   40.809271   168.742701    17.663010
689.404242    82.308887    2047.246
 1.00000   40.809271   185.835965    17.663010
689.404242    97.601009    2247.025

 COMB    DESIGN  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -42.797183  -788.057708   -20.735881
-800.455128  -122.257057   -5192.550
 0.25000   -42.797183  -758.989459   -20.735881
-797.158430  -106.134988   -4529.896
 0.50000   -42.797183  -730.332395   -20.735881
-793.861802   -97.442526   -3942.949
 0.75000   -42.797183  -702.596852   -20.735881
-790.565173   -96.147725   -3427.982
 1.00000   -42.797183  -676.236397   -20.735881
-787.268544   -97.694255   -2981.868
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    592

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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=     4.987564

 COMB DB-G1-1  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    14.986444     76.588600     0.320517
 74.805912    20.098807    1220.353
 0.25000    14.986444     97.064678     0.320517
 74.805912    24.605586    1408.502
 0.50000    14.986444    119.519211     0.320517
 74.805912    29.975353    1566.111
 0.75000    14.986444    143.541844     0.320517
 74.805912    36.226768    1692.467
 1.00000    14.986444    167.728745     0.320517
 74.805912    43.463078    1790.094

 COMB DB-G1-1  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -14.908809  -369.743891    -7.542947
-519.802633   -91.162907   -1012.080
 0.25000   -14.908809  -345.068009    -7.542947
-519.802633   -45.922910   -945.649318
 0.50000   -14.908809  -319.897928    -7.542947
-519.802633   -42.696514   -879.218208
 0.75000   -14.908809  -295.697821    -7.542947
-519.802633   -39.470827   -812.861985
 1.00000   -14.908809  -273.001304    -7.542947
-519.802633   -36.264096   -746.909690

 COMB DB-G1-2  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.961141     108.816496     0.994254
174.054919    61.415883    1887.350
 0.25000    26.961141     134.654190     0.994254
174.054919    65.284233    2151.455
 0.50000    26.961141     162.885977     0.994254
174.054919    70.361140    2396.490
 0.75000    26.961141     193.027831     0.994254
174.054919    76.756592    2625.787
 1.00000    26.961141     224.140401     0.994254
174.054919    83.842287    2839.004

 COMB DB-G1-2  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -20.612190  -545.843008    -9.844991
-631.771837   -61.148868   -1704.306
 0.25000   -20.612190  -514.162197    -9.844991
-631.771837   -56.992956   -1601.669
 0.50000   -20.612190  -482.672664    -9.844991
-631.771837   -52.836954   -1499.036
 0.75000   -20.612190  -452.367976    -9.844991
-631.771837   -48.696562   -1396.505
 1.00000   -20.612190  -423.878494    -9.844991
-631.771837   -44.563510   -1294.430

 COMB DB-G1-3  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    23.106309     115.824906     1.892571
314.886806    52.774456    1984.730
 0.25000    23.106309     139.559671     1.892571
314.886806    55.776316    2287.044
 0.50000    23.106309     165.488124     1.892571
314.886806    60.134411    2580.480
 0.75000    23.106309     193.165652     1.892571
314.886806    65.711493    2865.085
 1.00000    23.106309     221.792993     1.892571
314.886806    72.424938    3134.552

 COMB DB-G1-3  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -19.831600  -571.853385    -8.873612
-549.398582   -55.090784   -2082.294
 0.25000   -19.831600  -542.707569    -8.873612
-549.398582   -51.555253   -1971.888
 0.50000   -19.831600  -513.799405    -8.873612
-549.398582   -48.034141   -1861.481
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    593

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.75000   -19.831600  -485.976220    -8.873612
-549.398582   -44.517925   -1751.216
 1.00000   -19.831600  -459.816777    -8.873612
-549.398582   -41.011674   -1641.460

 COMB DB-G1-4  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    23.592409     109.671864     4.505901
415.950907    54.445634    1799.029
 0.25000    23.592409     129.450836     4.505901
415.950907    55.710968    2073.702
 0.50000    23.592409     151.057879     4.505901
415.950907    58.184370    2355.257
 0.75000    23.592409     174.122486     4.505901
415.950907    61.743967    2632.090
 1.00000    23.592409     197.978603     4.505901
415.950907    66.295628    2898.312

 COMB DB-G1-4  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -22.650224  -513.427236    -7.750358
-481.749346   -69.991710   -2059.904
 0.25000   -22.650224  -489.139056    -7.750358
-481.749346   -67.241623   -1966.932
 0.50000   -22.650224  -465.048920    -7.750358
-481.749346   -64.737307   -1872.254
 0.75000   -22.650224  -441.862932    -7.750358
-481.749346   -62.488612   -1778.658
 1.00000   -22.650224  -420.063397    -7.750358
-481.749346   -60.656130   -1685.628

 COMB DB-G2-1  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    11.046803     24.951825     0.743504
150.400786    17.507922    583.523135
 0.25000    11.046803     24.963466     0.743504
150.360632    36.799507    648.170769
 0.50000    11.046803     24.976067     0.743504
150.326159    36.147407    735.968028
 0.75000    11.046803     24.989402     0.743504
150.299388    35.515930    853.076960
 1.00000    11.046803     25.004583     0.743504
150.277473    34.886708    993.613573

 COMB DB-G2-1  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -3.896400  -136.619744    -1.311871
-75.009289    -7.927740  -744.305297
 0.25000    -3.896400  -136.604389    -1.311871
-75.041904    -7.435284  -710.165784
 0.50000    -3.896400  -136.590629    -1.311871
-75.076611    -6.950415  -676.034265
 0.75000    -3.896400  -136.577479    -1.311871
-75.113034    -6.469903  -641.903728
 1.00000    -3.896400  -136.564746    -1.311871
-75.155641    -5.998784  -607.773846

 COMB DB-G2-2  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    10.586082     43.315460     2.962741
340.623764    35.275289    828.701451
 0.25000    10.586082     43.327102     2.962741
340.583596    33.552524    952.299766
 0.50000    10.586082     43.339703     2.962741
340.548111    32.154083    1078.789
 0.75000    10.586082     43.353039     2.962741
340.522280    31.255959    1299.451
 1.00000    10.586082     43.368227     2.962741
340.500357    30.474604    1513.932

 COMB DB-G2-2  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -8.922423  -207.170902    -1.596533
-65.153220   -23.444244   -1276.427
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    594

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.25000   -8.922423  -207.155546    -1.596533
-65.185847   -22.763206   -1229.242
 0.50000   -8.922423  -207.141784    -1.596533
-65.220665   -21.923184   -1182.057
 0.75000   -8.922423  -207.128480    -1.596533
-65.257001   -21.427561   -1135.002
 1.00000   -8.922423  -207.115899    -1.596533
-65.299623   -20.840575   -1088.094

 COMB DB-G2-3  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   18.291612   -489.444483    -6.372479
-325.955268   -50.262751   -1929.904
 0.25000   18.291612   -463.932402    -6.372479
-325.955268   -47.559821   -1838.523
 0.50000   18.291612   -439.861510    -6.372479
-342.736696   -44.866243   -1747.142
 0.75000   18.291612   -416.638508    -6.372479
-373.934720   -42.175735   -1655.968
 1.00000   18.291612   -394.744304    -6.372479
-401.959378   -39.554564   -1565.194

 COMB DB-G2-4  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    20.663123     95.426371     5.670414
446.473077    60.191546    1532.649
 0.25000    20.663123     112.138259    5.670414
442.321049    58.944554    1769.350
 0.50000    20.663123     130.303363    5.670414
442.321049    58.569420    2023.161
 0.75000    20.663123     149.614412    5.670414
442.321049    59.189309    2274.182
 1.00000    20.663123     170.549044    5.670414
442.321049    60.566027    2516.790

 COMB DB-G2-4  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -19.897518   -438.229510    -5.362009
-304.024620   -54.741626   -1900.121
 0.25000   -19.897518   -416.987790    -5.362009
-304.024620   -53.951436   -1825.419
 0.50000   -19.897518   -396.934914    -5.362009
-317.893823   -53.542376   -1750.936
 0.75000   -19.897518   -377.593339    -5.362009
-343.862735   -53.599084   -1676.699
 1.00000   -19.897518   -359.358537    -5.362009
-367.189292   -54.155988   -1602.900

 COMB DB-G3-1  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    7.735103     19.464408     5.396428
230.325318    27.686490    216.902414
 0.25000    7.735103     19.476055     5.396428
230.285077    25.390304    228.015552
 0.50000    7.735103     19.488662     5.396428
230.250534    23.107036    271.817242
 0.75000    7.735103     19.502004     5.396428
230.223403    20.858211    317.787509
 1.00000    7.735103     19.517202     5.396428
230.201439    18.658828    365.302901
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    595

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -8.220517   -42.539648    -0.168829
-57.405664   -13.601519   -421.878070
 0.25000   -8.220517   -42.524281    -0.168829
-57.438349   -16.872233   -426.401589
 0.50000   -8.220517   -42.510515    -0.168829
-57.473127   -20.698644   -431.161371
 0.75000   -8.220517   -42.497205    -0.168829
-57.509622   -25.014822   -436.223800
 1.00000   -8.220517   -42.484619    -0.168829
-57.552322   -29.863185   -441.463853

 COMB DB-G3-2  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    12.202949     35.718550     8.380218
409.146134    38.198297    415.639157
 0.25000    12.202949     35.730190     8.380218
409.105981    34.666968    470.040857
 0.50000    12.202949     35.742791     8.380218
409.071507    31.324867    566.310049
 0.75000    12.202949     35.756126     8.380218
409.044736    28.125576    669.008226
 1.00000    12.202949     35.771312     8.380218
409.022821    25.065161    777.374213

 COMB DB-G3-2  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -17.016218   -98.005227    -0.889706
-77.596594   -48.041010   -857.684023
 0.25000   -17.016218   -97.989873    -0.889706
-77.629209   -50.576719   -854.721231
 0.50000   -17.016218   -97.976113    -0.889706
-77.663916   -53.795984   -851.928106
 0.75000   -17.016218   -97.962910    -0.889706
-77.700339   -57.647682   -849.707620
 1.00000   -17.016218   -97.950230    -0.889706
-77.742946   -62.188855   -847.603723

 COMB DB-G3-3  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    12.612808     50.508523     7.811753
506.616861    42.216508    751.694147
 0.25000    12.612808     50.519001     7.811753
506.580709    38.616426    862.681608
 0.50000    12.612808     50.530342     7.811753
506.549673    35.566649    1029.914
 0.75000    12.612808     50.542345     7.811753
506.525525    32.400985    1208.053
 1.00000    12.612808     50.556014     7.811753
506.505794    29.652290    1403.793

 COMB DB-G3-3  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -14.246881   -183.111471    -0.814941
-70.239852   -32.634741   -1369.267
 0.25000   -14.246881   -183.097650    -0.814941
-70.269216   -35.388305   -1342.364
 0.50000   -14.246881   -183.085265    -0.814941
-70.300462   -38.783128   -1315.594
 0.75000   -14.246881   -183.073291    -0.814941
-70.333254   -42.752960   -1289.383
 1.00000   -14.246881   -183.061969    -0.814941
-70.371615   -47.340234   -1263.342

 COMB DB-G3-4  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.636599     82.418839     6.899229
528.146243    66.329830    1318.704
 0.25000    19.636599     94.238785     6.899229
503.303508    63.444052    1512.762
 0.50000    19.636599     107.050595    6.899229
483.165509    61.252311    1739.301
 0.75000    19.636599     120.638536    6.899229
474.596464    59.590759    1972.536
 1.00000    19.636599     135.750441    6.899229
474.596464    58.707087    2205.752
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    596

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.695772   -364.116303    -3.793105
-213.256096   -43.935888   -1763.412
 0.25000   -18.695772   -348.811012    -3.793105
-230.306566   -44.983427   -1704.725
 0.50000   -18.695772   -334.746208    -3.793105
-254.406142   -46.125847   -1646.151
 0.75000   -18.695772   -321.164070    -3.793105
-277.198288   -48.612148   -1588.086
 1.00000   -18.695772   -308.339256    -3.793105
-311.511955   -51.190178   -1530.294

 COMB DL-G1-1  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.370181     92.216563     0.496297
141.029259    27.173289    1228.807
 0.25000    19.370181     105.987011    0.496297
141.029259    30.473058    1348.000
 0.50000    19.370181     121.234055    0.496297
141.029259    35.213507    1461.572
 0.75000    19.370181     137.576831    0.496297
141.029259    41.261545    1567.322
 1.00000    19.370181     154.563742    0.496297
141.029259    48.119896    1691.225

 COMB DL-G1-1  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -36.466077   -393.680143   -10.219714
-634.804005   -81.626231   -1502.825
 0.25000   -36.466077   -369.736719   -10.219714
-626.298918   -73.154438   -1303.463
 0.50000   -36.466077   -346.127188   -10.219714
-617.793831   -66.678833   -1135.283
 0.75000   -36.466077   -323.339479   -10.219714
-609.288743   -60.303771   -1000.484
 1.00000   -36.466077   -301.829014   -10.219714
-600.783656   -54.529184   -930.644150

 COMB DL-G1-2  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    41.865242     142.841888    1.461866
264.162478    77.241018    1966.695
 0.25000    41.865242     159.858269    1.461866
264.162478    80.879592    2126.850
 0.50000    41.865242     178.693935    1.461866
264.162478    86.047999    2303.544
 0.75000    41.865242     198.915028    1.461866
264.162478    92.728877    2502.476
 1.00000    41.865242     219.957302    1.461866
264.162478   100.552233    2755.569

 COMB DL-G1-2  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -42.423509  -596.321836   -13.166335
-753.302792   -95.748904   -2482.429
 0.25000   -42.423509  -567.213845   -13.166335
-750.006453   -86.335803   -2169.378
 0.50000   -42.423509  -538.579072   -13.166335
-746.710114   -77.899315   -1909.235
 0.75000   -42.423509  -511.005865   -13.166335
-743.413775   -70.328900   -1707.223
 1.00000   -42.423509  -484.993081   -13.166335
-740.117437   -63.486026   -1619.538

 COMB DL-G1-3  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    37.932105     157.727584    2.816193
416.730536    72.415258    2247.301
 0.25000    37.932105     173.379292    2.816193
416.730536    74.352056    2437.521
 0.50000    37.932105     190.711326    2.816193
416.730536    78.129717    2657.185
 0.75000    37.932105     209.316720    2.816193
416.730536    83.457273    2917.860
 1.00000    37.932105     228.681954    2.816193
416.730536    90.022278    3245.191
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    597

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -40.459851   -650.993150   -11.939491
-665.631705   -88.554085   -2981.170
 0.25000   -40.459851   -624.257390   -11.939491
-663.264313   -80.016283   -2635.547
 0.50000   -40.459851   -597.962416   -11.939491
-660.896920   -72.889401   -2356.311
 0.75000   -40.459851   -572.646909   -11.939491
-658.529528   -66.669678   -2160.753
 1.00000   -40.459851   -548.769309   -11.939491
-656.162136   -61.339274   -2088.804

 COMB DL-G1-4  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    37.100232     152.513270    5.987185
537.588376    78.350494    2155.040
 0.25000    37.100232     165.559681    5.987185
537.588376    77.620661    2335.161
 0.50000    37.100232     180.006720    5.987185
537.588376    78.725382    2548.167
 0.75000    37.100232     195.515161    5.987185
537.588376    81.340576    2811.102
 1.00000    37.100232     211.656565    5.987185
537.588376    85.183660    3134.655

 COMB DL-G1-4  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -44.284428   -593.683629   -10.313475
-599.449470   -96.094283   -2881.329
 0.25000   -44.284428   -571.398157   -10.313475
-597.476140   -90.072763   -2579.887
 0.50000   -44.284428   -549.480101   -10.313475
-595.502811   -85.532051   -2339.207
 0.75000   -44.284428   -528.376474   -10.313475
-593.529482   -82.109834   -2180.880
 1.00000   -44.284428   -508.475408   -10.313475
-591.556153   -79.798758   -2145.123

 COMB DL-G2-1  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    23.121714     43.526669     1.083064
164.028852    49.802389    712.677182
 0.25000    23.121714     43.532194     1.083064
164.011609    49.355038    750.992868
 0.50000    23.121714     43.538340     1.083064
163.995172    49.031184    820.483848
 0.75000    23.121714     43.544965     1.083064
163.979936    48.886220    928.751844
 1.00000    23.121714     43.551932     1.083064
163.966304    48.879999    1076.864

 COMB DL-G2-1  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -5.365676  -176.524422    -1.715131
-70.771567   -9.440054   -1020.491
 0.25000   -5.365676  -176.515633    -1.715131
-70.787600   -8.629388   -911.870775
 0.50000   -5.365676  -176.507096    -1.715131
-70.805268   -7.962242   -826.561067
 0.75000   -5.365676  -176.498936    -1.715131
-70.824199   -7.456411   -771.333828
 1.00000   -5.365676  -176.491328    -1.715131
-70.844028   -7.085662   -763.089030

 COMB DL-G2-2  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    21.402741     73.829219     3.781853
386.367466    49.481540    1166.475
 0.25000    21.402741     73.834720     3.781853
386.350224    47.044240    1247.431
 0.50000    21.402741     73.840890     3.781853
386.333787    45.305544    1373.320
 0.75000    21.402741     73.847514     3.781853
386.318550    43.980321    1561.256
 1.00000    21.402741     73.854482     3.781853
386.304918    43.070763    1805.082
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    598

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2  ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -13.603392   -278.597956    -1.951147
-72.717392   -24.211184   -1724.498
 0.25000   -13.603392   -278.589167    -1.951147
-72.733426   -23.814991   -1566.078
 0.50000   -13.603392   -278.580621    -1.951147
-72.751093   -23.398732   -1447.699
 0.75000   -13.603392   -278.572471    -1.951147
-72.770025   -24.436286   -1390.878
 1.00000   -13.603392   -278.564862    -1.951147
-72.789854   -25.204703   -1395.818

 COMB DL-G2-3  ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    34.077467     138.904796    3.849604
```

```
467.237369    73.426392   1988.835
  0.25000    34.077467   153.101288     3.849604
441.198308    73.375653   2165.308
  0.50000    34.077467   168.851044     3.849604
434.074643    74.831136   2369.233
  0.75000    34.077467   185.797045     3.849604
434.081768    77.251784   2613.054
  1.00000    34.077467   203.531490     3.849604
434.079468    80.603874   2915.564

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -30.343428  -567.732233    -8.302365
-389.375580   -65.900619   -2806.924
  0.25000   -30.343428  -544.361577    -8.302365
-397.789706   -60.958891   -2455.203
  0.50000   -30.343428  -521.516373    -8.302365
-422.651278   -57.024208   -2235.275
  0.75000   -30.343428  -499.616506    -8.302365
-458.288678   -53.709616   -2091.533
  1.00000   -30.343428  -479.069474    -8.302365
-492.971351   -50.962927   -1989.067

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    35.724212   137.984670     7.624137
584.121263    85.639264    1941.725
  0.25000    35.724212   149.807666     7.624137
562.435646    82.496493    2105.177
  0.50000    35.724212   162.924236     7.624137
556.502979    80.882549    2300.145
  0.75000    35.724212   177.037053     7.624137
556.508913    80.363644    2544.167
  1.00000    35.724212   191.806494     7.624137
556.506998    80.905341    2840.585

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -32.315182  -516.671047    -7.083600
-385.485423   -67.531994   -2704.072
  0.25000   -32.315182  -497.207707    -7.083600
-392.492800   -65.139409   -2404.611
  0.50000   -32.315182  -478.181969    -7.083600
-413.197791   -64.008873   -2219.005
  0.75000   -32.315182  -459.943518    -7.083600
-442.877011   -63.879138   -2117.210
  1.00000   -32.315182  -442.831724    -7.083600
-471.761124   -64.713764   -2053.320

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    15.381177   35.554000     7.451892
295.916870    48.239587   437.249458
  0.25000    15.381177   35.559520     7.451892
295.899691    42.780371   457.511523
  0.50000    15.381177   35.565662     7.451892
295.883318    37.906556   491.462141
  0.75000    15.381177   35.572781     7.451892
295.868136    33.556814   548.569187
  1.00000    15.381177   35.579242     7.451892
295.854558    29.664952   610.665003
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    599

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -10.272246  -61.262374    -0.269903
-107.771163   -14.946726   -533.083014
  0.25000   -10.272246  -61.253590    -0.269903
-107.787155   -17.953069   -527.109981
  0.50000   -10.272246  -61.245048    -0.269903
-107.804778   -21.763174   -528.747250
  0.75000   -10.272246  -61.236902    -0.269903
-107.823662   -26.340259   -559.337909
  1.00000   -10.272246  -61.229298    -0.269903
-107.843439   -31.566383   -595.141238

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    19.811261   61.732315    11.009271
518.188327    64.047308   809.236689
  0.25000    19.811261   61.737837    11.009271
518.171121    57.465146   862.203562
  0.50000    19.811261   61.743981    11.009271
518.154721    50.854463   939.885784
  0.75000    19.811261   61.750602    11.009271
518.139515    45.063428   1061.492
  1.00000    19.811261   61.757566    11.009271
518.125914    39.971246   1198.176

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -24.535390  -139.152065    -0.938785
-143.530277   -48.163164   -1117.037
  0.25000   -24.535390  -139.143279    -0.938785
-143.546287   -51.890007   -1081.536
  0.50000   -24.535390  -139.134735    -0.938785
-143.563929   -56.654387   -1063.289
  0.75000   -24.535390  -139.126567    -0.938785
-143.582833   -62.444028   -1066.864
  1.00000   -24.535390  -139.118981    -0.938785
-143.602632   -69.133460   -1143.338

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    25.263725   86.078429    10.456873
609.761648    73.096807   1260.369
  0.25000    25.263725   86.138067    10.456873
609.575823    65.597346   1350.030
  0.50000    25.263725   86.204420    10.456873
609.398709    59.243071   1482.529
  0.75000    25.263725   86.275928    10.456873
609.234478    53.650402   1678.903
  1.00000    25.263725   86.351137    10.456873
609.087587    48.680855   1914.998

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -20.626365  -255.376870    -1.040214
-130.205318   -35.161740   -1791.752
  0.25000   -20.626365  -255.281981    -1.040214
-130.378226   -38.366936   -1678.445
  0.50000   -20.626365  -255.189708    -1.040214
-130.568760   -42.781431   -1601.406
  0.75000   -20.626365  -255.101713    -1.040214
-130.772924   -48.123303   -1602.458
  1.00000   -20.626365  -255.019566    -1.040214
-130.986759   -54.219870   -1648.395

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    38.720747   126.073677    9.374719
655.212624    97.647306   1771.289
  0.25000    38.720747   134.766176    9.374719
633.080150    92.307105   1910.357
  0.50000    38.720747   144.426330    9.374719
611.973696    88.256490   2086.009
  0.75000    38.720747   154.834424    9.374719
592.547571    85.406553   2317.905
  1.00000    38.720747   165.754747    9.374719
587.418714    83.352764   2599.813
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            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    600

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -27.662491  -442.187556    -4.935608
-293.449263   -53.117738   -2465.990
  0.25000   -27.662491  -428.139988    -4.935608
-315.831934   -53.244227   -2255.631
  0.50000   -27.662491  -414.447182    -4.935608
-340.604833   -54.647936   -2102.455
  0.75000   -27.662491  -401.356405    -4.935608
-367.168576   -57.054384   -2032.128
  1.00000   -27.662491  -389.110093    -4.935608
-394.830684   -60.286034   -2035.907

 COMB      DB ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    26.961141   115.824906    8.380218
528.146243    66.329830   1984.730
  0.25000    26.961141   139.559671    8.380218
506.580709    65.284233   2287.244
  0.50000    26.961141   165.488124    8.380218
506.549673    70.361140   2580.490
  0.75000    26.961141   193.165652    8.380218
506.525525    76.556582   2865.085
  1.00000    26.961141   224.140401    8.380218
506.505794    83.842287   3134.552

 COMB      DB ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -22.650224  -571.853385    -9.844991
-631.771837   -69.991710   -2082.294
  0.25000   -22.650224  -542.707569    -9.844991
-631.771837   -67.241623   -1971.888
  0.50000   -22.650224  -513.795405    -9.844991
-631.771837   -64.737307   -1872.254
  0.75000   -22.650224  -485.976220    -9.844991
-631.771837   -62.488612   -1778.658
  1.00000   -22.650224  -459.816777    -9.844991
-631.771837   -62.188855   -1685.628

 COMB      DL ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    41.865242   157.727584    11.009271
655.212624    97.647306   2247.301
  0.25000    41.865242   173.379292    11.009271
633.080150    92.307105   2437.521
  0.50000    41.865242   190.711326    11.009271
611.973696    88.256490   2657.185
  0.75000    41.865242   209.316720    11.009271
609.234478    92.728877   2917.860
  1.00000    41.865242   228.681954    11.009271
609.087587   100.552233   3245.191

 COMB      DL ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -44.284428  -650.993150   -13.166335
-753.302792   -96.094283   -2981.170
  0.25000   -44.284428  -624.257390   -13.166335
-750.006453   -90.072763   -2635.547
  0.50000   -44.284428  -597.962416   -13.166335
-746.710114   -85.532051   -2356.311
  0.75000   -44.284428  -572.646909   -13.166335
-743.413775   -82.109834   -2187.880
  1.00000   -44.284428  -548.769309   -13.166335
-740.117437   -79.798758   -2145.123

 COMB      CAR ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    41.865242   157.727584    11.009271
655.212624    97.647306   2247.301
  0.25000    41.865242   173.379292    11.009271
633.080150    92.307105   2437.521
  0.50000    41.865242   190.711326    11.009271
611.973696    88.256490   2657.185
  0.75000    41.865242   209.316720    11.009271
609.234478    92.728877   2917.860
  1.00000    41.865242   228.681954    11.009271
609.087587   100.552233   3245.191
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    601

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -44.284428  -650.993150   -13.166335
-753.302792   -96.094283   -2981.170
  0.25000   -44.284428  -624.257390   -13.166335
-750.006453   -90.072763   -2635.547
  0.50000   -44.284428  -597.962416   -13.166335
-746.710114   -85.532051   -2356.311
  0.75000   -44.284428  -572.646909   -13.166335
-743.413775   -82.109834   -2187.880
  1.00000   -44.284428  -548.769309   -13.166335
-740.117437   -79.798758   -2145.123

 COMB  DESIGN ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    41.865242   157.727584    11.009271
655.212624    97.647306   2247.301
  0.25000    41.865242   173.379292    11.009271
633.080150    92.307105   2437.521
  0.50000    41.865242   190.711326    11.009271
611.973696    88.256490   2657.185
  0.75000    41.865242   209.316720    11.009271
609.234478    92.728877   2917.860
  1.00000    41.865242   228.681954    11.009271
609.087587   100.552233   3245.191

 COMB  DESIGN ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -44.284428  -650.993150   -13.166335
-753.302792   -96.094283   -2981.170
  0.25000   -44.284428  -624.257390   -13.166335
-750.006453   -90.072763   -2635.547
  0.50000   -44.284428  -597.962416   -13.166335
-746.710114   -85.532051   -2356.311
  0.75000   -44.284428  -572.646909   -13.166335
-743.413775   -82.109834   -2187.880
  1.00000   -44.284428  -548.769309   -13.166335
-740.117437   -79.798758   -2145.123

 ELEM      26 ================== LENGTH
=     4.987251

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    15.598940   115.898930    0.442249
52.905653    44.546524   1791.618
  0.25000    15.598940   137.052411    0.442249
52.905653    48.249246   1924.394
  0.50000    15.598940   160.179408    0.442249
52.905653    53.054704   2025.278
  0.75000    15.598940   184.787260    0.442249
52.905653    58.792039   2094.140
  1.00000    15.598940   209.444042    0.442249
52.905653    65.573348   2134.177

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -15.639176  -327.441501    -7.522225
-444.853975   -36.517048   -747.108289
  0.25000   -15.639176  -302.521981    -7.522225
-444.853975   -32.610959   -699.643190
  0.50000   -15.639176  -277.281615    -7.522225
-444.853975   -28.705296   -652.178126
  0.75000   -15.639176  -253.169711    -7.522225
-444.853975   -24.802383   -604.713130
  1.00000   -15.639176  -230.724635    -7.522225
-444.853975   -20.901020   -557.345641

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    27.623799   164.392948    3.963626
145.074219    85.031922   2840.489
  0.25000    27.623799   191.057127    3.963626
145.074219    84.947739   3020.389
  0.50000    27.623799   220.122804    3.963626
145.074219    86.207698   3177.068
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    602

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P           V2          V3
        T           M2          M3
  0.75000    27.623799   251.006345    3.963626
145.074219    89.334859   3317.381
  1.00000    27.623799   282.736370    3.963626
145.074219    95.208950   3438.892

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -21.711944  -480.339443    -9.434377
-572.976121   -44.991939   -1294.689
  0.25000   -21.711944  -448.314745    -9.434377
-572.976121   -40.583345   -1216.183
  0.50000   -21.711944  -416.694842    -9.434377
-572.976121   -36.180131   -1137.678
  0.75000   -21.711944  -386.440821    -9.434377
-572.976121   -31.834408   -1059.192
  1.00000   -21.711944  -358.189901    -9.434377
-572.976121   -27.523399   -980.816646

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    23.698774   164.310407    3.885861
266.489728    74.252599   3135.353
  0.25000    23.698774   188.802324    3.885861
266.489728    74.673535   3346.148
  0.50000    23.698774   215.495771    3.885861
266.489728    76.601218   3542.175
  0.75000    23.698774   243.854897    3.885861
266.489728    80.811407   3727.287
  1.00000    23.698774   273.051324    3.885861
266.489728    86.291209   3896.546

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -20.815188  -498.745481    -8.733691
-527.186839   -41.563469   -1641.682
  0.25000   -20.815188  -469.281040    -8.733691
-527.186839   -37.906221   -1549.451
  0.50000   -20.815188  -440.250024    -8.733691
-527.186839   -34.276910   -1457.219
  0.75000   -20.815188  -412.468898    -8.733691
-527.186839   -30.679613   -1365.000
  1.00000   -20.815188  -386.521898    -8.733691
-527.186839   -27.126808   -1272.879

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    24.162204   150.310350    5.897721
346.080767    67.720059   2898.354
  0.25000    24.162204   170.720264    5.897721
346.080767    67.05146    3121.347
  0.50000    24.162204   192.364803    5.897721
346.080767    67.736378   3297.119
  0.75000    24.162204   216.597409    5.897721
346.080767    69.964374   3482.935
  1.00000    24.162204   240.927764    5.897721
346.080767    74.136458   3656.557

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -23.552604  -446.069116    -9.179634
-460.105591   -60.981784   -1685.741
  0.25000   -23.552604  -421.515416    -9.179634
-460.105591   -56.660485   -1599.528
  0.50000   -23.552604  -397.322902    -9.179634
-460.105591   -52.747223   -1513.314
  0.75000   -23.552604  -374.171964    -9.179634
-460.105591   -50.261688   -1427.188
  1.00000   -23.552604  -352.549464    -9.179634
-460.105591   -48.626520   -1341.163

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    10.994948   33.144355    3.412052
136.395465    34.924189   993.346185
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    603

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P           V2          V3
        T           M2          M3
  0.25000    10.994948   33.154338    3.412052
136.356205    30.893232   1030.247
  0.50000    10.994948   33.169291    3.412052
136.322712    26.883616   1087.641
  0.75000    10.994948   33.182966    3.412052
136.293338    23.365259   1172.382
  1.00000    10.994948   33.198477    3.412052
136.271648    21.222704   1280.090

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -4.264367  -113.647836    -0.986216
-119.815455   -6.169410  -607.830982
  0.25000   -4.264367  -113.632259    -0.986216
-119.846346   -5.987048  -575.582300
  0.50000   -4.264367  -113.618364    -0.986216
-119.879680   -5.824006  -543.355891
  0.75000   -4.264367  -113.604973    -0.986216
-119.914937   -5.678187   -511.146293
  1.00000   -4.264367  -113.592355    -0.986216
-119.956525   -5.571781  -478.945955

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    10.562008   51.103208    4.522771
296.274840    31.286165   1512.945
  0.25000    10.562008   51.115192    4.522771
296.235565    27.593052   1595.955
  0.50000    10.562008   51.128146    4.522771
296.202061    24.364286   1706.592
  0.75000    10.562008   51.141822    4.522771
296.172632    21.880531   1849.126
  1.00000    10.562008   51.157335    4.522771
296.150934    20.835200   2014.644

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -9.146472  -171.723893    -2.618165
-127.540376   -21.071125   -1088.093
  0.25000   -9.146472  -171.708314    -2.618165
-127.571279   -19.596427   -1036.486
  0.50000   -9.146472  -171.694418    -2.618165
-127.604625   -18.198175   -984.879573
  0.75000   -9.146472  -171.681025    -2.618165
-127.639894   -18.078184   -933.288054
  1.00000   -9.146472  -171.668407    -2.618165
-127.681497   -18.551407   -881.705066

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    19.531310   134.291525    5.559397
321.974696    64.020086   2717.703
  0.25000    19.531310   154.960367    5.559397
298.715365    62.058724   2914.201
  0.50000    19.531310   177.397749    5.559397
298.715365    61.417587   3098.462
  0.75000    19.531310   201.164192    5.559397
298.715365    62.529182   3274.217
  1.00000    19.531310   226.821851    5.559397
298.715365    65.368022   3437.173

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -19.003389  -426.893353    -7.039188
-331.423871   -39.982550   -1565.324
  0.25000   -19.003389  -401.063231    -7.039188
-331.423871   -36.600285   -1482.513
  0.50000   -19.003389  -376.820000    -7.039188
-360.187801   -33.286144   -1399.703
  0.75000   -19.003389  -353.542333    -7.039188
-389.446224   -31.127448   -1316.903
  1.00000   -19.003389  -331.709657    -7.039188
-415.962099   -29.502558   -1234.151
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    604

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    21.099926   125.105802    7.753696
389.922193    61.677345   2516.037
  0.25000    21.099926   142.319866    7.753696
370.683792    58.785575   2705.456
  0.50000    21.099926   161.006957    7.753696
370.683792    56.992436   2885.791
  0.75000    21.099926   180.881338    7.753696
370.683792    56.668147   3059.848
  1.00000    21.099926   202.168959    7.753696
370.683792    57.829274   3223.585

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -20.661240  -381.065021    -6.629409
-300.984958   -54.390922   -1602.908
  0.25000   -20.661240  -359.553408    -6.629409
-300.984958   -52.355057   -1527.010
  0.50000   -20.661240  -339.362137    -6.629409
-324.829745   -50.932947   -1451.113
  0.75000   -20.661240  -319.975131    -6.629409
-349.184031   -50.946892   -1375.278
  1.00000   -20.661240  -301.791697    -6.629409
-371.256929   -51.850358   -1299.596

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    7.870249   20.009795    5.232099
184.635358   18.512266   364.347014
  0.25000    7.870249   20.021785    5.232099
184.596011   16.113516   400.902273
  0.50000    7.870249   20.034744    5.232099
184.562449   13.759647   438.552677
  0.75000    7.870249   20.048426    5.232099
184.532746   11.469554   477.300010
  1.00000    7.870249   20.063950    5.232099
184.511006    9.290775   516.887936

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -8.460618  -35.881270    -0.290551
-41.125118   -29.706783   -441.289796
  0.25000   -8.460618   -35.865681    -0.290551
-41.156079   -32.066857   -432.559729
  0.50000   -8.460618   -35.851779    -0.290551
-41.189484   -35.084701   -423.941985
  0.75000   -8.460618   -35.838381    -0.290551
-41.224813   -38.740334   -415.324262
  1.00000   -8.460618   -35.825756    -0.290551
-41.266493   -43.141745   -406.873544

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    12.417797   36.791831    7.946221
331.725921   24.907009   775.737887
  0.25000    12.417797   36.803814    7.946221
331.686661   21.384986   850.660585
  0.50000    12.417797   36.816766    7.946221
331.653168   18.139346   929.823816
  0.75000    12.417797   36.830441    7.946221
331.623794   15.109582   1012.815
  1.00000    12.417797   36.845952    7.946221
331.602104   12.383492   1099.019

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000   -17.260314   -81.616086    -3.281605
-61.362487   -61.907821   -847.376863
  0.25000   -17.260314   -81.600509    -3.281605
-61.393378   -61.173001   -824.048892
  0.50000   -17.260314   -81.586613    -3.281605
-61.426712   -61.297609   -800.767368
  0.75000   -17.260314   -81.573222    -3.281605
-61.461969   -63.766417   -777.486472
  1.00000   -17.260314   -81.560605    -3.281605
-61.503556   -69.005744   -754.445798
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    605

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P           V2          V3
        T           M2          M3
  0.00000    12.747866   51.656539    7.803591
421.393495   30.254623   1401.936
  0.25000    12.747866   51.667225    7.803591
421.358148   26.390827   1511.996
  0.50000    12.747866   51.678983    7.803591
421.327994   22.970049   1637.557
  0.75000    12.747866   51.691292    7.803591
421.301508   19.939638   1778.643
  1.00000    12.747866   51.705254    7.803591
421.281980   17.316652   1931.880

 COMB DB-G3-3 ------------------- MIN
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 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -14.579654  -151.408707   -2.160602
-102.304949   -47.322085   -1263.150
 0.25000   -14.579654  -151.394685   -2.160602
-102.332761   -48.350496   -1217.195
 0.50000   -14.579654  -151.382178   -2.160602
-102.362773   -50.179118   -1171.275
 0.75000   -14.579654  -151.370125   -2.160602
-102.394515   -53.843703   -1125.355
 1.00000   -14.579654  -151.358768   -2.160602
-102.431957   -58.705785   -1079.660

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.962504  103.970556    9.238356
463.788939   59.529836  2204.481
 0.25000   19.962504  116.133536    9.238356
434.489675   54.845260  2368.697
 0.50000   19.962504  129.308026    9.238356
415.087473   51.043832  2532.831
 0.75000   19.962504  143.239876    9.238356
398.621242   48.533506  2700.444
 1.00000   19.962504  158.669927    9.238356
398.621242   47.545387  2866.371

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.352115  -314.995842   -4.615644
-224.926311   -51.343989   -1530.215
 0.25000  -19.352115  -299.481818   -4.615644
-249.562629   -51.190583   -1463.318
 0.50000  -19.352115  -285.298789   -4.615644
-272.388868   -51.706105   -1396.448
 0.75000  -19.352115  -271.655107   -4.615644
-298.236251   -53.745957   -1329.590
 1.00000  -19.352115  -258.828137   -4.615644
-334.766224   -56.790296   -1262.937

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    20.160202  117.498696    0.939146
85.646446   48.080933   1693.230
 0.25000    20.160202  132.984799    0.939146
85.646446   52.382420   1856.724
 0.50000    20.160202  149.968250    0.939146
85.646446   58.093385   1987.773
 0.75000    20.160202  168.010318    0.939146
85.646446   65.020025   2085.550
 1.00000    20.160202  186.628935    0.939146
85.646446   72.646849   2150.634

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -37.470060  -324.897435  -10.739893
-499.209802   -53.885329   -931.076777
 0.25000  -37.470060  -302.226898  -10.739893
-490.705249   -46.870654   -911.270662
 0.50000  -37.470060  -279.975068  -10.739893
-482.200696   -40.553166   -891.480652
 0.75000  -37.470060  -258.604738  -10.739893
-473.696143   -34.755946   -871.579199
 1.00000  -37.470060  -238.587277  -10.739893
-465.191590   -29.304046   -851.869774
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    606

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   42.907349  180.200743    4.948599
185.737099  100.986929   2757.746
 0.25000   42.907349  199.195379    4.948599
185.737099  102.171402   2995.155
 0.50000   42.907349  220.040490    4.948599
185.737099  104.795962   3204.343
 0.75000   42.907349  242.229059    4.948599
185.737099  108.745287   3390.895
 1.00000   42.907349  265.180975    4.948599
185.737099  114.614879   3544.156

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -43.971368  -492.680120  -12.682389
-618.122080   -62.945066   -1620.107
 0.25000  -43.971368  -465.007158  -12.682389
-614.825948   -55.750774   -1591.337
 0.50000  -43.971368  -437.911897  -12.682389
-611.529816   -48.556571   -1562.907
 0.75000  -43.971368  -411.925059  -12.682389
-608.233685   -43.564449   -1534.243
 1.00000  -43.971368  -387.604335  -12.682389
-604.937553   -38.179858   -1505.777

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   38.976910  191.647075    5.229167
314.881463   91.065922   3246.461
 0.25000   38.976910  209.107711    5.229167
314.881463   92.319819   3532.633
 0.50000   38.976910  228.272781    5.229167
314.881463   95.060361   3793.220
 0.75000   38.976910  248.675863    5.229167
314.881463   99.328378   4031.805
 1.00000   38.976910  269.788522    5.229167
314.881463  105.365798   4240.696

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -42.067982  -538.255195  -11.835523
-565.717289   -60.759792   -2089.294
 0.25000  -42.067982  -512.827501  -11.835523
-563.350046   -54.594376   -2064.686
 0.50000  -42.067982  -487.935474  -11.835523
-560.982802   -49.448635   -2040.383
 0.75000  -42.067982  -464.065689  -11.835523
-558.615559   -45.080572   -2015.882
 1.00000  -42.067982  -441.729924  -11.835523
-556.248315   -41.672146   -1991.561

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   38.012138  180.753035    7.350047
410.245788   85.882753   3134.961
 0.25000   38.012138  195.307270    7.350047
410.245788   85.364478   3411.873
 0.50000   38.012138  211.282228    7.350047
410.245788   86.361547   3667.876
 0.75000   38.012138  228.289125    7.350047
410.245788   88.819795   3906.117
 1.00000   38.012138  245.887486    7.350047
410.245788   92.924962   4119.934

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -45.749938  -495.668480  -11.625702
-498.346196   -78.897387   -2145.367
 0.25000  -45.749938  -474.473340  -11.625702
-496.372991   -73.361116   -2133.509
 0.50000  -45.749938  -453.724703  -11.625702
-494.399786   -69.001769   -2121.911
 0.75000  -45.749938  -433.828152  -11.625702
-492.426581   -65.998776   -2110.194
 1.00000  -45.749938  -415.210276  -11.625702
-490.453375   -64.211602   -2098.627

Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    607

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   23.270097   51.159219    4.113092
142.466919   49.563802   1076.626
 0.25000   23.270097   51.165182    4.113092
142.449939   45.569158   1148.925
 0.50000   23.270097   51.171778    4.113092
142.433645   41.663319   1233.390
 0.75000   23.270097   51.178861    4.113092
142.418473   37.784179   1334.224
 1.00000   23.270097   51.186282    4.113092
142.404851   34.689435   1440.046

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.856785  -143.277976   -1.089917
-99.961635   -7.391853  -763.195874
 0.25000   -5.856785  -143.269463   -1.089917
-99.577307   -7.571805   -757.108701
 0.50000   -5.856785  -143.261203   -1.089917
-99.994681   -7.804441   -751.032949
 0.75000   -5.856785  -143.253342   -1.089917
-100.013376   -8.092050  -744.969488
 1.00000   -5.856785  -143.246044   -1.089917
-100.032989   -8.445111  -738.909206

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   21.651220   81.898920    5.218003
321.350893   24.213523   1803.941
 0.25000   21.651220   81.904883    5.218003
321.333913   40.649244   1944.588
 0.50000   21.651220   81.911479    5.218003
321.317619   37.605886   2097.159
 0.75000   21.651220   81.918561    5.218003
321.302447   35.014306   2266.083
 1.00000   21.651220   81.926083    5.218003
321.288825   33.487359   2442.009

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.215367  -230.595590   -2.676569
-109.854701   -25.353146   -1395.854
 0.25000  -14.215367  -230.587077   -2.676569
-109.870373   -24.788718   -1394.513
 0.50000  -14.215367  -230.578817   -2.676569
-109.887747   -24.662585   -1393.181
 0.75000  -14.215367  -230.570855   -2.676569
-109.906442   -25.430336   -1391.883
 1.00000  -14.215367  -230.563659   -2.676569
-109.926055   -26.791875   -1390.566

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   34.862140  164.027052    6.290762
385.549104   81.748564   2915.731
 0.25000   34.862140  179.588727    6.290762
359.351030   80.644958   3182.593
 0.50000   34.862140  196.733247    6.290762
338.402439   80.655480   3425.384
 0.75000   34.862140  215.070011    6.290762
338.281513   81.733838   3648.930
 1.00000   34.862140  234.166750    6.290762
338.262784   84.048113   3844.064

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -31.664586  -474.907972   -8.428125
-343.974834   -50.743293   -1989.376
 0.25000  -31.664586  -452.482756   -8.428125
-351.505034   -46.951094   -1973.815
 0.50000  -31.664586  -430.612214   -8.428125
-383.764246   -43.886882   -1958.316
 0.75000  -31.664586  -409.731415   -8.428125
-418.733938   -41.993353   -1942.728
 1.00000  -31.664586  -390.274575   -8.428125
-452.894955   -40.863855   -1927.069
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    608

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   36.471519  157.940498    9.172008
472.708592   81.653174   2839.944
 0.25000   36.471519  170.903043    9.172008
450.890546   78.529022   3097.172
 0.50000   36.471519  185.178488    9.172008
433.519282   76.683043   3335.392
 0.75000   36.471519  200.449548    9.172008
433.343621   75.904903   3556.271
 1.00000   36.471519  216.353523    9.172008
433.328023   76.297570   3754.551

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -33.599057  -436.852133   -7.740450
-322.863832   -64.079905   -2053.344
 0.25000  -33.599057  -418.176166   -7.740450
-329.135066   -62.361356   -2052.042
 0.50000  -33.599057  -399.962137   -7.740450
-356.000894   -61.855409   -2050.801
 0.75000  -33.599057  -382.572378   -7.740450
-385.124039   -62.646135   -2049.536
 1.00000  -33.599057  -366.368507   -7.740450
-413.573711   -64.379567   -2048.246

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.507411   32.572521    7.252751
231.462007   29.393457   609.483734
 0.25000   15.507411   32.578480    7.252751
231.445088   24.844355   658.886469
 0.50000   15.507411   32.585071    7.252751
231.428853   20.853583   708.449271
 0.75000   15.507411   32.592148    7.252751
231.413737   17.323683   758.436150
 1.00000   15.507411   32.599564    7.252751
231.400167   14.159802   808.580213

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.567586   -57.856303   -0.554652
-64.552610   -30.903864   -594.733358
 0.25000  -10.567586   -57.847795   -0.554652
-64.568240   -34.107448   -614.539343
 0.50000  -10.567586   -57.839540   -0.554652
-64.585567   -38.107668   -634.097057
 0.75000  -10.567586   -57.831684   -0.554652
-64.604212   -42.847674   -653.953052
 1.00000  -10.567586   -57.824390   -0.554652
-64.623772   -48.196232   -673.917481

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   19.962272   59.518088   10.022362
405.439010   39.651172   1196.139
 0.25000   19.962272   59.524048   10.022362
405.422065   33.807138   1298.613
 0.50000   19.962272   59.530641   10.022362
405.405804   28.763553   1401.936
 0.75000   19.962272   59.537721   10.022362
405.390664   24.445002   1507.469
 1.00000   19.962272   59.545139   10.022362
405.377072   20.772012   1614.339

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -24.923424  -126.886920   -3.457360
-87.793332   -68.131251   -1142.815
 0.25000  -24.923424  -126.878410   -3.457360
-87.808980   -69.107238   -1167.171
 0.50000  -24.923424  -126.870153   -3.457360
-87.826327   -71.246203   -1191.563
 0.75000  -24.923424  -126.862295   -3.457360
-87.844994   -75.147307   -1215.954
 1.00000  -24.923424  -126.854937   -3.457360
-87.864576   -80.657220   -1240.491
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    609

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   25.498494   86.159358   10.173318
489.941077   49.367100   1912.721
 0.25000   25.498494   86.223729   10.173318
489.758071   43.200425   2074.881
 0.50000   25.498494   86.294933   10.173318
489.582459   37.877024   2242.493
 0.75000   25.498494   86.371395   10.173318
489.418948   33.296122   2415.644
 1.00000   25.498494   86.451509   10.173318
489.272155   29.500737   2590.689

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -21.289190  -219.469398   -2.428325
-116.383417   -53.714744   -1647.971
 0.25000  -21.289190  -219.377488   -2.428325
-116.552414   -56.131437   -1668.630
 0.50000  -21.289190  -219.288311   -2.428325
-116.739766   -59.603802   -1691.321
 0.75000  -21.289190  -219.203446   -2.428325
-116.941364   -64.578953   -1713.031
 1.00000  -21.289190  -219.124652   -2.428325
-117.152854   -70.790128   -1734.848

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   39.204327  139.468015   11.320991
538.393134   84.114681   2598.493
 0.25000   39.204327  148.920494   11.320991
516.437268   78.071730   2828.128
 0.50000   39.204327  159.356020   11.320991
495.352951   73.282777   3046.574
 0.75000   39.204327  170.541160   11.320991
475.834078   69.375989   3256.117
 1.00000   39.204327  182.230272   11.320991
465.336679   66.854008   3450.319

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -28.793668  -376.516628   -5.389893
-257.301679   -59.717766   -2035.750
 0.25000  -28.793668  -362.967800   -5.389893
-278.936548   -60.342800   -2005.214
 0.50000  -28.793668  -349.789531   -5.389893
-303.021051   -62.069734   -2006.927
 0.75000  -28.793668  -337.231692   -5.389893
-328.969985   -64.229454   -2008.662
 1.00000  -28.793668  -325.550001   -5.389893
-356.063487   -69.601939   -2010.440

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   27.623799  164.392948    9.238356
463.788939   85.031922   3135.353
 0.25000   27.623799  191.057127    9.238356
434.489675   84.947739   3346.148
 0.50000   27.623799  220.122804    9.238356
421.327894   86.507098   3542.175
 0.75000   27.623799  251.006345    9.238356
421.301508   89.334859   3727.287
 1.00000   27.623799  282.736370    9.238356
421.281980   95.208950   3896.546

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -23.552604  -498.745481   -9.434377
-572.976121   -61.907821   -1685.741
 0.25000  -23.552604  -469.281040   -9.434377
-572.976121   -61.173001   -1599.528
 0.50000  -23.552604  -440.410024   -9.434377
-572.976121   -61.297609   -1513.314
 0.75000  -23.552604  -412.468898   -9.434377
-572.976121   -63.766417   -1427.188
 1.00000  -23.552604  -386.521898   -9.434377
-572.976121   -69.005744   -1341.163
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    610

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   42.907349  191.647075   11.320991
538.393134  100.986929   3246.461
 0.25000   42.907349  209.107711   11.320991
516.437268  102.171402   3532.633
 0.50000   42.907349  228.272781   11.320991
495.352951  104.795962   3793.220
 0.75000   42.907349  248.675863   11.320991
489.418948  108.745287   4031.805
 1.00000   42.907349  269.788522   11.320991
489.272155  114.614879   4240.696

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -45.749938  -538.255195  -12.682389
-618.122080   -78.897387   -2145.367
 0.25000  -45.749938  -512.827501  -12.682389
-614.825948   -73.361116   -2133.509
 0.50000  -45.749938  -487.935474  -12.682389
-611.529816   -71.246203   -2121.911
 0.75000  -45.749938  -464.065689  -12.682389
-608.233685   -75.147307   -2110.194
 1.00000  -45.749938  -441.729924  -12.682389
-604.937553   -80.657220   -2098.627

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   42.907349  191.647075   11.320991
538.393134  100.986929   3246.461
 0.25000   42.907349  209.107711   11.320991
516.437268  102.171402   3532.633
 0.50000   42.907349  228.272781   11.320991
495.352951  104.795962   3793.220
 0.75000   42.907349  251.006345   11.320991
489.418948  108.745287   4031.805
 1.00000   42.907349  282.736370   11.320991
489.272155  114.614879   4240.696

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -45.749938  -538.255195  -12.682389
-618.122080   -78.897387   -2145.367
 0.25000  -45.749938  -512.827501  -12.682389
-614.825948   -73.361116   -2133.509
 0.50000  -45.749938  -487.935474  -12.682389
-611.529816   -71.246203   -2121.911
 0.75000  -45.749938  -464.065689  -12.682389
-608.233685   -75.147307   -2110.194
 1.00000  -45.749938  -441.729924  -12.682389
-604.937553   -80.657220   -2098.627

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   42.907349  191.647075   11.320991
538.393134  100.986929   3246.461
 0.25000   42.907349  209.107711   11.320991
516.437268  102.171402   3532.633
 0.50000   42.907349  228.272781   11.320991
495.352951  104.795962   3793.220
 0.75000   42.907349  251.006345   11.320991
489.418948  108.745287   4031.805
 1.00000   42.907349  282.736370   11.320991
489.272155  114.614879   4240.696

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -45.749938  -538.255195  -12.682389
-618.122080   -78.897387   -2145.367
 0.25000  -45.749938  -512.827501  -12.682389
-614.825948   -73.361116   -2133.509
 0.50000  -45.749938  -487.935474  -12.682389
-611.529816   -71.246203   -2121.911
 0.75000  -45.749938  -464.065689  -12.682389
-608.233685   -75.147307   -2110.194
 1.00000  -45.749938  -441.729924  -12.682389
-604.937553   -80.657220   -2098.627
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    611

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   16.208325  144.868021    2.267076
110.201843   66.624319   2135.891
 0.25000   16.208325  166.506175    2.267076
110.201843   67.740930   2225.082
 0.50000   16.208325  190.100905    2.267076
110.201843   69.823281   2281.985
 0.75000   16.208325  215.138628    2.267076
110.201843   73.004373   2305.858
 1.00000   16.208325  240.170639    2.267076
110.201843   77.193773   2299.813

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.352436  -296.493720   -5.819679
-337.981601   -21.042479   -557.330957
 0.25000  -16.352436  -271.289610   -5.819679
-337.981601   -18.336321   -519.390590
 0.50000  -16.352436  -245.835574   -5.819679
-337.981601   -15.636969   -481.450228
 0.75000  -16.352436  -221.636553   -5.819679
-337.981601   -12.941080   -443.509865
 1.00000  -16.352436  -199.202317   -5.819679
-337.981601   -10.251657   -405.569503

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   28.289726  211.776401    4.993010
187.781204   96.675602   3440.024
 0.25000   28.289726  239.053485    4.993010
187.781204   96.838513   3546.550
 0.50000   28.289726  268.699219    4.993010
187.781204   98.663124   3627.286
 0.75000   28.289726  300.102157    4.993010
187.781204  102.025637   3690.217
 1.00000   28.289726  332.294404    4.993010
187.781204  106.812245   3731.765

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -22.767474  -428.179266   -7.513618
-458.987505   -27.726554   -980.793222
 0.25000  -22.767474  -395.788188   -7.513618
-458.987505   -24.636844   -915.640256
 0.50000  -22.767474  -363.894748   -7.513618
-458.987505   -21.573673   -850.487417
 0.75000  -22.767474  -333.516091   -7.513618
-458.987505   -18.538477   -785.334579
 1.00000  -22.767474  -305.303255   -7.513618
-458.987505   -15.540293   -720.181740

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   24.304035  205.271877    4.914086
279.476045   88.004873   3897.232
 0.25000   24.304035  230.328927    4.914086
279.476045   87.759604   4015.558
 0.50000   24.304035  257.552481    4.914086
279.476045   89.064523   4115.436
 0.75000   24.304035  286.387164    4.914086
279.476045   91.853466   4202.205
 1.00000   24.304035  316.007298    4.914086
279.476045   95.975533   4274.013

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -21.781947  -435.242123   -7.262187
-466.122003   -27.362253   -1272.873
 0.25000  -21.781947  -405.440551   -7.262187
-466.122003   -24.706762   -1191.861
 0.50000  -21.781947  -376.157914   -7.262187
-466.122003   -22.068835   -1110.848
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    612

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000  -21.781947  -348.262445   -7.262187
-466.122003   -19.450416   -1029.846
 1.00000  -21.781947  -322.351934   -7.262187
-466.122003   -16.860029   -948.843292

 COMB DB-G1-4 ------------------- MAX
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 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    24.764612    184.378307      6.329232
315.574290    75.468461    3656.714
 0.25000    24.764612    205.257491      6.329232
315.574290    74.819685    3770.535
 0.50000    24.764612    227.945477      6.329232
315.574290    75.893139    3869.920
 0.75000    24.764612    251.974380      6.329232
315.574290    78.214281    3959.188
 1.00000    24.764612    276.657824      6.329232
315.574290    81.640940    4036.794

 COMB DB-G1-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -24.449575   -383.312380     -7.818650
-407.753209   -48.819457    -1341.171
 0.25000   -24.449575   -358.477737     -7.818650
-407.753209   -46.007320    -1260.214
 0.50000   -24.449575   -334.075539     -7.818650
-407.753209   -43.798428    -1179.260
 0.75000   -24.449575   -310.829315     -7.818650
-407.753209   -42.311256    -1098.312
 1.00000   -24.449575   -289.237223     -7.818650
-407.753209   -41.403741    -1017.366

 COMB DB-G2-1 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    10.952542     47.821627      2.404398
138.541501    21.478867    1279.950
 0.25000    10.952542     47.833889      2.404398
138.501521    20.098957    1282.025
 0.50000    10.952542     47.847086      2.404398
138.468424    19.478257    1305.001
 0.75000    10.952542     47.860957      2.404398
138.436755    19.251771    1354.045
 1.00000    10.952542     47.876654      2.404398
138.408056    19.188209    1423.702

 COMB DB-G2-1 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -4.576698    -90.902413     -0.954290
-142.530404    -5.628343   -478.943564
 0.25000    -4.576698    -90.886656     -0.954290
-142.560535    -5.448547   -449.222780
 0.50000    -4.576698    -90.872629     -0.954290
-142.593132    -5.282646   -419.502001
 0.75000    -4.576698    -90.859185     -0.954290
-142.627620    -5.137665   -389.781222
 1.00000    -4.576698    -90.846602     -0.954290
-142.668533    -5.032575   -360.060443

 COMB DB-G2-2 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    10.565150     62.331835      3.621478
260.646513    21.428166    2014.069
 0.25000    10.565150     62.344099      3.621478
260.606509    19.980956    2037.918
 0.50000    10.565150     62.357296      3.621478
260.573400    19.211747    2086.645
 0.75000    10.565150     62.371169      3.621478
260.541721    18.816880    2165.704
 1.00000    10.565150     62.386868      3.621478
260.512975    18.720190    2269.513

 COMB DB-G2-2 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -9.373010   -132.850878     -2.476200
-180.216162   -18.620070    -881.724334
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      613

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2            V3
    T            M2            M3
 0.25000    -9.373010   -132.835119     -2.476200
-180.246305   -17.965279    -830.103033
 0.50000    -9.373010   -132.821090     -2.476200
-180.278914   -17.657013    -778.485063
 0.75000    -9.373010   -132.807646     -2.476200
-180.313414   -17.801846    -726.875419
 1.00000    -9.373010   -132.795061     -2.476200
-180.354342   -18.309715    -675.268334

 COMB DB-G2-3 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    19.981096     166.510543      5.210209
328.014908    66.664453    3437.158
 0.25000    19.981096     187.657711      5.210209
301.420046    65.608531    3546.903
 0.50000    19.981096     210.530748      5.210209
271.711645    65.841985    3641.286
 0.75000    19.981096     234.667847      5.210209
262.898862    67.357510    3724.709
 1.00000    19.981096     260.665524      5.210209
262.898862    69.730030    3796.197

 COMB DB-G2-3 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -19.704707   -368.127410     -5.975979
-309.004242   -29.669799    -1234.156
 0.25000   -19.704707   -342.000843     -5.975979
-311.460821   -27.632096    -1158.043
 0.50000   -19.704707   -317.537792     -5.975979
-342.269137   -25.908460    -1081.933
 0.75000   -19.704707   -294.166482     -5.975979
-370.858347   -24.592957    -1005.830
 1.00000   -19.704707   -272.378332     -5.975979
-396.827441   -23.610083    -929.730352

 COMB DB-G2-4 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    21.579709     151.624388      6.813349
350.282054    58.933316    3223.152
 0.25000    21.579709     169.236824      6.813349
328.146153    57.286835    3328.474
 0.50000    21.579709     188.286764      6.813349
303.417733    56.741776    3421.678
 0.75000    21.579709     208.389580      6.813349
296.142557    57.541868    3506.591
 1.00000    21.579709     230.040703      6.813349
296.142557    59.523121    3581.936

 COMB DB-G2-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -21.425035   -323.411767     -6.261099
-281.446886   -52.033886    -1299.606
 0.25000   -21.425035   -301.653272     -6.261099
-263.394996   -50.483578    -1224.145
 0.50000   -21.425035   -281.278932     -6.261099
-309.039483   -49.657358    -1148.687
 0.75000   -21.425035   -261.813933     -6.261099
-332.836492   -49.676342    -1073.235
 1.00000   -21.425035   -243.667569     -6.261099
-354.454183   -50.394694    -997.784475

 COMB DB-G3-1 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    8.047828     19.614509      4.030839
115.175605    9.317907    516.233688
 0.25000    8.047828     19.626778      4.030839
115.135483    7.706461    536.331664
 0.50000    8.047828     19.639981      4.030839
115.102317    6.140872    557.159415
 0.75000    8.047828     19.653860      4.030839
115.070581    4.624599    578.778056
 1.00000    8.047828     19.669569      4.030839
115.041606    3.183795    601.035117
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      614

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -8.713755    -23.611559     -1.486275
-39.040268   -43.246586   -406.874117
 0.25000    -8.713755    -23.595790     -1.486275
-39.070470   -44.041558   -389.593607
 0.50000    -8.713755    -23.581756     -1.486275
-39.103138   -45.521226   -372.313101
 0.75000    -8.713755    -23.568305     -1.486275
-39.137698   -47.680245   -355.032594
 1.00000    -8.713755    -23.555715     -1.486275
-39.178703   -50.464585   -337.752088

 COMB DB-G3-2 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    12.693904     36.599840      6.426552
221.096467    12.261708    1097.910
 0.25000    12.693904     36.612102      6.426552
221.056487    10.113839    1136.702
 0.50000    12.693904     36.625299      6.426552
221.023389    8.325175     1178.740
 0.75000    12.693904     36.639104      6.426552
220.991721    6.753687     1224.036
 1.00000    12.693904     36.654867      6.426552
220.963022    5.296865     1272.323

 COMB DB-G3-2 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -17.526809    -56.077900     -3.807475
-66.306865   -69.042656   -754.465320
 0.25000   -17.526809    -56.062144     -3.807475
-66.336997   -68.630629   -719.177682
 0.50000   -17.526809    -56.048116     -3.807475
-66.369594   -69.722124   -683.890099
 0.75000   -17.526809    -56.034672     -3.807475
-66.404082   -72.368442   -648.610516
 1.00000   -17.526809    -56.022089     -3.807475
-66.444995   -76.287367   -613.326933

 COMB DB-G3-3 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    12.945771     54.961329      6.241354
313.036106    17.743225    1930.661
 0.25000    12.945771     54.972366      6.241354
313.000103    15.266102    1979.199
 0.50000    12.945771     54.984244      6.241354
312.970304    13.261290    2041.852
 0.75000    12.945771     54.996729      6.241354
312.941793    11.540569    2118.299
 1.00000    12.945771     55.010858      6.241354
312.915922    10.072922    2208.246

 COMB DB-G3-3 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -14.937829   -110.324502     -3.301485
-147.667398   -58.844880    -1079.684
 0.25000   -14.937829   -110.313159     -3.301485
-147.694527   -59.059431    -1023.818
 0.50000   -14.937829   -110.297694     -3.301485
-147.723875   -60.280950   -967.955095
 0.75000   -14.937829   -110.285593     -3.301485
-147.754925   -62.617372   -912.097986
 1.00000   -14.937829   -110.274267     -3.301485
-147.791760   -65.929827   -856.245550

 COMB DB-G3-4 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    20.341433     124.562529      7.399186
402.565325    48.413970    2865.560
 0.25000    20.341433     137.008001      7.399186
368.462802    46.034208    2952.040
 0.50000    20.341433     150.434486      7.399186
341.217072    44.502139    3035.584
 0.75000    20.341433     164.574467      7.399186
321.855167    43.910355    3120.683
 1.00000    20.341433     180.198879      7.399186
311.095769    43.877009    3204.861
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      615

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -20.012505   -261.741378     -5.083558
-232.538119   -56.976120    -1262.946
 0.25000   -20.012505   -246.049020     -5.083558
-256.788216   -56.413653    -1192.377
 0.50000   -20.012505   -231.734199     -5.083558
-279.358993   -56.691404    -1121.809
 0.75000   -20.012505   -218.036340     -5.083558
-307.809757   -57.901936    -1051.248
 1.00000   -20.012505   -205.240048     -5.083558
-343.662334   -59.932951    -980.689160

 COMB DL-G1-1 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    20.943558     140.490832      2.456453
131.749932    74.134411    2151.927
 0.25000    20.943558     157.270083      2.456453
133.232324    76.717027    2255.757
 0.50000    20.943558     175.541541      2.456453
133.771081    79.936883    2327.372
 0.75000    20.943558     194.869062      2.456453
133.771448    83.897022    2365.527
 1.00000    20.943558     214.722469      2.456453
133.771448    88.491864    2370.718

 COMB DL-G1-1 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -38.383230   -279.299855     -7.659937
-368.061052   -30.309810   -852.024245
 0.25000   -38.383230   -257.560643     -7.659937
-361.037506   -27.066701   -844.133032
 0.50000   -38.383230   -236.232450     -7.659937
-353.070326   -23.841150   -836.360774
 0.75000   -38.383230   -215.853466     -7.659937
-344.564828   -20.626595   -828.590915
 1.00000   -38.383230   -196.871243     -7.659937
-336.058890   -17.425742   -820.802420

 COMB DL-G1-2 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    43.900343     219.188419      5.626878
227.473197   117.085416    3545.576
 0.25000    43.900343     239.717010      5.626878
227.489226   118.510751    3681.805
 0.50000    43.900343     262.087588      5.626878
227.489226   120.691694    3789.559
 0.75000    43.900343     285.770776      5.626878
227.489226   123.771423    3873.671
 1.00000    43.900343     310.172912      5.626878
227.489226   127.634774    3926.277

 COMB DL-G1-2 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -45.356478   -418.290666     -9.483654
-481.920413   -39.747188    -1506.005
 0.25000   -45.356478   -391.690821     -9.483654
-478.639965   -36.428410    -1494.222
 0.50000   -45.356478   -365.652449     -9.483654
-475.343297   -33.157077    -1482.436
 0.75000   -45.356478   -340.820136     -9.483654
-472.046628   -29.953768    -1470.680
 1.00000   -45.356478   -317.709197     -9.483654
-468.749960   -26.857106    -1458.922

 COMB DL-G1-3 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    39.947311     232.392926      5.679389
315.003834    107.888800    4241.539
 0.25000    39.947311     251.258508      5.679389
315.003689    109.100471    4401.355
 0.50000    39.947311     271.820142      5.679389
315.003689    111.141175    4535.539
 0.75000    39.947311     293.591683      5.679389
315.003689    114.125307    4646.505
 1.00000    39.947311     316.029404      5.679389
315.003689    117.930516    4729.678
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      616

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -43.468933   -449.016617     -9.132452
-474.930964   -42.830367    -1991.788
 0.25000   -43.468933   -424.567967     -9.132452
-472.563351    -39.776398    -1981.223
 0.50000   -43.468933   -400.641530     -9.132452
-470.195722    -37.143430    -1970.659
 0.75000   -43.468933   -377.827282     -9.132452
-467.828093    -34.737130    -1960.120
 1.00000   -43.468933   -356.074488     -9.132452
-465.460464    -32.927341    -1949.578

 COMB DL-G1-4 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    38.905460     215.386290      7.074830
356.998585    94.938384    4120.141
 0.25000    38.905460     231.111611      7.074830
356.998464    95.255648    4273.973
 0.50000    38.905460     248.250668      7.074830
356.998464    96.537994    4406.468
 0.75000    38.905460     266.398238      7.074830
356.998464    98.729005    4519.701
 1.00000    38.905460     285.101099      7.074830
356.998464    101.835844    4610.223

 COMB DL-G1-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -47.056387   -410.031179     -9.372485
-420.664298   -64.967237    -2098.750
 0.25000   -47.056387   -389.652117     -9.372485
-418.690784    -62.260979    -2093.559
 0.50000   -47.056387   -369.708344     -9.372485
-416.717258    -60.113125    -2088.385
 0.75000   -47.056387   -350.691630     -9.372485
-414.743731    -58.575036    -2083.226
 1.00000   -47.056387   -332.995631     -9.372485
-412.770205    -57.966695    -2078.067

 COMB DL-G2-1 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    23.371158     66.836665      2.962541
137.651124    35.475941    1439.931
 0.25000    23.371158     66.843022      2.962541
137.633637    33.594106    1466.289
 0.50000    23.371158     66.850007      2.962541
137.616886    32.121780    1504.216
 0.75000    23.371158     66.857457      2.962541
137.601336    30.828317    1558.510
 1.00000    23.371158     66.865216      2.962541
137.587429    29.737571    1620.683

 COMB DL-G2-1 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.255119   -113.306932     -1.111167
-124.633755    -8.809832   -738.975327
 0.25000    -6.255119   -113.298630     -1.111167
-124.648959    -8.879700   -735.904527
 0.50000    -6.255119   -113.290604     -1.111167
-124.665828    -9.011564   -732.864261
 0.75000    -6.255119   -113.283012     -1.111167
-124.683934    -9.226866   -729.813498
 1.00000    -6.255119   -113.276020     -1.111167
-124.702811    -9.556977   -726.755828

 COMB DL-G2-2 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    21.847971     100.631978      4.016102
263.158981    34.383969    2441.308
 0.25000    21.847971     100.638336      4.016102
263.141494    32.759303    2503.253
 0.50000    21.847971     100.645320      4.016102
263.124743    31.555112    2576.658
 0.75000    21.847971     100.652770      4.016102
263.109193    30.858359    2665.128
 1.00000    21.847971     100.660529      4.016102
263.095286    30.120844    2763.465
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      617

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -14.706508   -179.356373     -2.677452
-159.223929   -26.914286    -1390.626
 0.25000   -14.706508   -179.348072     -2.677452
-159.239134   -26.585468    -1389.111
 0.50000   -14.706508   -179.340046     -2.677452
-159.256002   -26.557641    -1387.636
 0.75000   -14.706508   -179.332454     -2.677452
-159.274108   -27.001640    -1386.141
 1.00000   -14.706508   -179.325461     -2.677452
-159.292985   -27.819135    -1384.645

 COMB DL-G2-3 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    35.609722     198.151246      5.809244
356.168300    86.340874    3844.212
 0.25000    35.609722     214.948166      5.809244
327.851888    86.182384    3994.669
 0.50000    35.609722     233.126109      5.809244
300.482947    86.647155    4121.527
 0.75000    35.609722     252.542720      5.809244
279.689165    87.664208    4226.039
 1.00000    35.609722     272.673331      5.809244
279.469522    89.121642    4305.202

 COMB DL-G2-3 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -32.797654   -394.032130     -6.932647
-300.366742   -41.931911    -1927.232
 0.25000   -32.797654   -372.304172     -6.932647
-308.631777   -40.233349    -1920.077
 0.50000   -32.797654   -351.172779     -6.932647
-339.106966   -38.813089    -1912.875
 0.75000   -32.797654   -331.113262     -6.932647
-371.949098   -37.821858    -1905.722
 1.00000   -32.797654   -312.538618     -6.932647
-405.491484   -37.170477    -1898.493

 COMB DL-G2-4 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    37.201210     186.606079      7.692940
391.856653    78.163376    3754.153
 0.25000    37.201210     200.511458      7.692940
368.274433    76.977301    3898.625
 0.50000    37.201210     215.733531      7.692940
345.481277    76.426598    4023.428
 0.75000    37.201210     231.903899      7.692940
328.163986    76.528353    4129.760
 1.00000    37.201210     248.668394      7.692940
327.981065    77.471567    4215.184

 COMB DL-G2-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -34.743249   -360.612374     -6.947604
-279.873022    -65.049351    -2048.278
 0.25000   -34.743249   -342.517091     -6.947604
-286.756234    -64.426285    -2047.358
 0.50000   -34.743249   -324.918634     -6.947604
-312.136308    -64.343278    -2046.408
 0.75000   -34.743249   -308.212804     -6.947604
-339.487598    -64.891465    -2045.499
 1.00000   -34.743249   -292.743679     -6.947604
-367.422067    -66.207562    -2044.532

 COMB DL-G3-1 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    15.681303     32.799257      5.125596
145.031684    14.164868    807.788393
 0.25000    15.681303     32.805611      5.125596
145.014262    11.931650    835.117230
 0.50000    15.681303     32.812590      5.125596
144.997562    9.872490     862.444715
 0.75000    15.681303     32.820035      5.125596
144.982065    7.890669     890.129552
 1.00000    15.681303     32.827788      5.125596
144.968210    6.154140     917.927951
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      618

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -10.879299   -46.673513     -1.490662
-49.660033   -47.907353   -673.735856
 0.25000   -10.879299   -46.665217     -1.490662
-49.675195   -49.865594   -682.184786
 0.50000   -10.879299   -46.657196     -1.490662
-49.692015   -52.242319   -690.662330
 0.75000   -10.879299   -46.649609     -1.490662
-49.710066   -55.006082   -699.153276
 1.00000   -10.879299   -46.642621     -1.490662
-49.728888   -58.250081   -707.644252

 COMB DL-G3-2 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    20.209640     61.934109      7.520303
261.890280    20.666566    1612.993
 0.25000    20.209640     61.940464      7.520303
261.872827    17.745098    1667.840
 0.50000    20.209640     61.947445      7.520303
261.856108    15.285732    1723.092
 0.75000    20.209640     61.954892      7.520303
261.840588    13.077411    1780.211
 1.00000    20.209640     61.962648      7.520303
261.826710    11.268217    1836.813

 COMB DL-G3-2 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -25.338071   -98.862154     -4.050722
-81.110470   -80.125725    -1240.276
 0.25000   -25.338071   -98.853856     -4.050722
-81.125651   -80.850288    -1248.980
 0.50000   -25.338071   -98.845833     -4.050722
-81.141492   -82.342362    -1257.726
 0.75000   -25.338071   -98.838243     -4.050722
-81.160566   -85.005060    -1263.038
 1.00000   -25.338071   -98.831253     -4.050722
-81.179411   -88.640080    -1272.014

 COMB DL-G3-3 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    25.765186     98.131940      7.457296
343.984984    30.052585    2589.210
 0.25000    25.765186     98.200577      7.457296
343.796488    27.033193    2670.594
 0.50000    25.765186     98.275768      7.457296
343.615928    24.504362    2756.833
 0.75000    25.765186     98.356405      7.457296
343.448316    22.280694    2847.957
 1.00000    25.765186     98.440165      7.457296
343.298430    20.548734    2942.921

 COMB DL-G3-3 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -21.897116   -170.336210     -3.395829
-142.633980   -70.468274    -1734.694
 0.25000   -21.897116   -170.246598     -3.395829
-142.797933   -72.058138    -1743.176
 0.50000   -21.897116   -170.159940     -3.395829
-142.979818   -74.319927    -1751.871
 0.75000   -21.897116   -170.077977     -3.395829
-143.175015   -77.365570    -1760.573
 1.00000   -21.897116   -170.002483     -3.395829
-143.378543   -81.254784    -1769.269

 COMB DL-G3-4 ---------- MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    39.673453     163.536507      8.698638
430.444808    68.333691    3449.480
 0.25000    39.673453     173.640457      8.698638
407.482582    65.669744    3575.234
 0.50000    39.673453     184.723624      8.698638
385.409431    63.592672    3689.227
 0.75000    39.673453     196.523628      8.698638
364.999873    61.895925    3793.213
 1.00000    39.673453     208.788584      8.698638
346.951941    60.784101    3883.974
 Program    SAP2000      Nonlinear      Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      619

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ---------- MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000   -29.803604   -308.648398     -5.531345
```

```
-243.357184  -69.955754  -2010.363
 0.25000  -29.803604 -295.477663  -5.531345
-263.971418  -70.651776  -2007.095
 0.50000  -29.803604 -282.704226  -5.531345
-286.988959  -71.944158  -2010.035
 0.75000  -29.803604 -270.603193  -5.531345
-311.736921  -73.937405  -2012.984
 1.00000  -29.803604 -259.432036  -5.531345
-337.459352  -76.686372  -2015.894

 COMB       DB ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   28.289726  211.776401    7.399186
402.565325   96.675602   3897.232
 0.25000   28.289726  239.053485    7.399186
368.462802   96.838513   4015.558
 0.50000   28.289726  268.699219    7.399186
341.217072   98.663124   4115.436
 0.75000   28.289726  300.102157    7.399186
321.855167  102.025637   4202.205
 1.00000   28.289726  332.294404    7.399186
315.574290  106.812245   4274.013

 COMB       DB ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -24.449575 -435.242123   -7.818650
-466.122003  -69.042656  -1341.171
 0.25000  -24.449575 -405.440551   -7.818650
-466.122003  -69.630629  -1260.214
 0.50000  -24.449575 -376.157914   -7.818650
-466.122003  -69.722124  -1179.260
 0.75000  -24.449575 -348.262445   -7.818650
-466.122003  -72.368442  -1098.312
 1.00000  -24.449575 -322.351934   -7.818650
-466.122003  -76.287367  -1017.366

 COMB       DL ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   43.900343  232.392926    8.698638
430.444808  117.085416   4241.539
 0.25000   43.900343  251.258508    8.698638
407.482582  118.510751   4401.355
 0.50000   43.900343  271.820142    8.698638
385.409431  120.691694   4535.539
 0.75000   43.900343  293.591683    8.698638
364.999873  123.771423   4646.505
 1.00000   43.900343  316.429504    8.698638
356.998464  127.634774   4729.678

 COMB       DL ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -47.056387 -449.016617   -9.483654
-481.920413  -80.125725  -2098.750
 0.25000  -47.056387 -424.567967   -9.483654
-478.639965  -80.850288  -2093.559
 0.50000  -47.056387 -400.641530   -9.483654
-475.343297  -82.342362  -2088.385
 0.75000  -47.056387 -377.827282   -9.483654
-472.046628  -85.005060  -2083.226
 1.00000  -47.056387 -356.597488   -9.483654
-468.749960  -88.640080  -2078.067

 COMB       CAR ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   43.900343  232.392926    8.698638
430.444808  117.085416   4241.539
 0.25000   43.900343  251.258508    8.698638
407.482582  118.510751   4401.355
 0.50000   43.900343  271.820142    8.698638
385.409431  120.691694   4535.539
 0.75000   43.900343  300.102157    8.698638
364.999873  123.771423   4646.505
 1.00000   43.900343  332.294404    8.698638
356.998464  127.634774   4729.678
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         620

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       CAR ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -47.056387 -449.016617   -9.483654
-481.920413  -80.125725  -2098.750
 0.25000  -47.056387 -424.567967   -9.483654
-478.639965  -80.850288  -2093.559
 0.50000  -47.056387 -400.641530   -9.483654
-475.343297  -82.342362  -2088.385
 0.75000  -47.056387 -377.827282   -9.483654
-472.046628  -85.005060  -2083.226
 1.00000  -47.056387 -356.597488   -9.483654
-468.749960  -88.640080  -2078.067

 COMB    DESIGN ------------------ MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   43.900343  232.392926    8.698638
430.444808  117.085416   4241.539
 0.25000   43.900343  251.258508    8.698638
407.482582  118.510751   4401.355
 0.50000   43.900343  271.820142    8.698638
385.409431  120.691694   4535.539
 0.75000   43.900343  300.102157    8.698638
364.999873  123.771423   4646.505
 1.00000   43.900343  332.294404    8.698638
356.998464  127.634774   4729.678

 COMB    DESIGN ------------------ MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -47.056387 -449.016617   -9.483654
-481.920413  -80.125725  -2098.750
 0.25000  -47.056387 -424.567967   -9.483654
-478.639965  -80.850288  -2093.559
 0.50000  -47.056387 -400.641530   -9.483654
-475.343297  -82.342362  -2088.385
 0.75000  -47.056387 -377.827282   -9.483654
-472.046628  -85.005060  -2083.226
 1.00000  -47.056387 -356.597488   -9.483654
-468.749960  -88.640080  -2078.067

 ELEM       28 ================== LENGTH
=    4.987000

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   16.803358  171.290253    4.321173
222.652359   78.159451   2300.385
 0.25000   16.803358  193.462424    4.321173
222.652359   76.299252   2347.553
 0.50000   16.803358  217.539772    4.321173
222.652359   75.373140   2360.633
 0.75000   16.803358  242.988061    4.321173
222.652359   75.708529   2347.390
 1.00000   16.803358  268.329768    4.321173
222.652359   76.975196   2300.016

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -17.020715 -268.195174   -3.905551
-221.817311  -10.275195 -405.437302
 0.25000  -17.020715 -242.853805   -3.905551
-221.817311   -8.761865 -372.060056
 0.50000  -17.020715 -217.406295   -3.905551
-221.817311   -7.256674 -338.682985
 0.75000  -17.020715 -193.330115   -3.905551
-221.817311   -7.579614 -371.438823
 1.00000  -17.020715 -171.159519   -3.905551
-221.817311   -8.679791 -404.731457

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   28.945765  257.448799    6.094391
322.891984  108.177408   3732.285
 0.25000   28.945765  285.356439    6.094391
322.891984  105.598950   3764.932
 0.50000   28.945765  315.571375    6.094391
322.891984  104.384499   3768.610
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         621

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000   28.945765  347.455264    6.094391
322.891984  104.744564   3764.671
 1.00000   28.945765  380.006691    6.094391
322.891984  106.467678   3731.712

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -23.713016 -379.803708   -5.547100
-321.750249  -15.527241  -719.992997
 0.25000  -23.713016 -347.252654   -5.547100
-321.750249  -13.613551  -661.607857
 0.50000  -23.713016 -315.369627   -5.547100
-321.750249  -11.721900  -603.224369
 0.75000  -23.713016 -285.156183   -5.547100
-321.750249  -11.775136  -660.724926
 1.00000  -23.713016 -257.250208   -5.547100
-321.750249  -13.016628  -718.967874

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   24.958888  262.652799    6.135576
376.253190   97.197441   4274.397
 0.25000   24.958888  288.283859    6.135576
376.253190   94.305564   4296.754
 0.50000   24.958888  316.029371    6.135576
376.253190   92.999656   4298.327
 0.75000   24.958888  345.303182    6.135576
376.253190   93.787072   4296.503
 1.00000   24.958888  375.250963    6.135576
376.253190   95.948019   4273.845

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -22.696526 -375.055386   -5.627882
-375.297724  -16.780134  -948.691538
 0.25000  -22.696526 -345.107944   -5.627882
-375.297724  -14.978539  -873.710467
 0.50000  -22.696526 -315.834917   -5.627882
-375.297724  -13.184810  -798.729555
 0.75000  -22.696526 -288.090617   -5.627882
-375.297724  -13.133693  -872.885089
 1.00000  -22.696526 -262.461223   -5.627882
-375.297724  -14.097890  -947.726695

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   25.411505  231.615792    6.894967
352.678922   82.661330   4036.975
 0.25000   25.411505  252.975008    6.894967
352.678922   80.199090   4054.836
 0.50000   25.411505  276.096268    6.894967
352.678922   79.052666   4055.692
 0.75000   25.411505  300.491110    6.894967
352.678922   79.626901   4054.683
 1.00000   25.411505  325.447595    6.894967
352.678922   81.343109   4036.631

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -25.319075 -325.272034   -6.595462
-352.148051  -41.987320  -1017.302
 0.25000  -25.319075 -300.315832   -6.595462
-352.148051  -39.176220  -939.244043
 0.50000  -25.319075 -275.921643   -6.595462
-352.148051  -37.291022  -861.349805
 0.75000  -25.319075 -252.801393   -6.595462
-352.148051  -37.481831  -939.734645
 1.00000  -25.319075 -231.443564   -6.595462
-352.148051  -39.037659  -1016.706

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.920118   69.084918    1.244043
145.118247   19.483306   1423.651
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         622

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000   10.920118   69.097385    1.244043
145.077571   19.146301   1391.647
 0.50000   10.920118   69.110766    1.244043
145.043341   18.982049   1376.850
 0.75000   10.920118   69.124788    1.244043
145.010390   19.035717   1391.559
 1.00000   10.920118   69.140590    1.244043
144.981516   19.125342   1423.473

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.778171  -69.083273   -1.187513
-144.774782   -4.973455  -360.024514
 0.25000   -4.778171  -69.067471   -1.187513
-144.804226   -4.688580  -331.975731
 0.50000   -4.778171  -69.053449   -1.187513
-144.836575   -4.414098  -303.928340
 0.75000   -4.778171  -69.040669   -1.187513
-144.870804   -4.154538  -331.773128
 1.00000   -4.778171  -69.027602   -1.187513
-144.911479   -4.109209  -359.770618

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.602190   94.477248    2.684040
226.595493   18.970119   2269.325
 0.25000   10.602190   94.489717    2.684040
226.554803   17.977342   2229.672
 0.50000   10.602190   94.503099    2.684040
226.520561   17.533985   2213.182
 0.75000   10.602190   94.517122    2.684040
226.488198   17.995784   2229.599
 1.00000   10.602190   94.532926    2.684040
226.458707   18.779066   2269.177

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.598071  -94.483482   -2.647050
-226.448441  -18.293768  -675.278300
 0.25000   -9.598071  -94.467678   -2.647050
-226.477902  -17.447892  -624.332651
 0.50000   -9.598071  -94.453655   -2.647050
-226.510263  -16.915872  -573.426774
 0.75000   -9.598071  -94.440274   -2.647050
-226.544504  -16.751405  -624.182720
 1.00000   -9.598071  -94.427806   -2.647050
-226.585194  -17.086436  -675.085150

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   20.446010  216.121971    5.371685
365.389145   70.632622   3796.202
 0.25000   20.446010  237.691933    5.371685
339.571628   68.442883   3815.049
 0.50000   20.446010  260.945295    5.371685
311.012185   67.369826   3816.218
 0.75000   20.446010  285.399850    5.371685
280.231990   68.038303   3814.864
 1.00000   20.446010  311.628078    5.371685
277.967776   69.634679   3795.798

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -20.373056 -311.484586   -5.045410
-277.411340  -23.595365  -929.644127
 0.25000  -20.373056 -285.256568   -5.045410
-279.631697  -21.921363  -857.478978
 0.50000  -20.373056 -260.802497   -5.045410
-310.417083  -20.530517  -785.349770
 0.75000  -20.373056 -237.549950   -5.045410
-338.981695  -20.393923  -856.909668
 1.00000  -20.373056 -215.981156   -5.045410
-364.799832  -21.327463  -928.967794
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         623

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   22.126640  192.097389    6.223599
334.616313   60.274844   3581.802
 0.25000   22.126640  210.062017    6.223599
313.124786   58.387900   3596.722
 0.50000   22.126640  229.428774    6.223599
289.152471   57.436756   3597.222
 0.75000   22.126640  249.796040    6.223599
263.731324   57.957857   3596.647
 1.00000   22.126640  271.639227    6.223599
261.943826   59.256901   3581.628

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -22.182581 -271.483079   -6.098934
-261.777007  -50.685836  -997.783510
 0.25000  -22.182581 -249.640067   -6.098934
-263.527966  -48.537395  -922.777252
 0.50000  -22.182581 -229.273204   -6.098934
-289.153440  -47.034684  -848.042667
 0.75000  -22.182581 -209.907127   -6.098934
-312.930062  -47.062043  -922.560668
 1.00000  -22.182581 -191.943472   -6.098934
-334.422105  -48.392133  -997.516511

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   8.307836  18.126982    2.638288
42.259580   3.317388  600.825881
 0.25000   8.307836  18.139457    2.638288
42.218814   2.426656  599.906761
 0.50000   8.307836  18.152844    2.638288
42.184513   1.946837  599.549516
 0.75000   8.307836  18.166873    2.638288
42.152092   2.239303  600.044577
 1.00000   8.307836  18.182688    2.638288
42.122515   2.947160  601.112391

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -8.998337  -18.125284   -2.877796
-42.597000  -50.968223  -337.862224
 0.25000   -8.998337  -18.109470   -2.877796
-42.626547  -49.807407  -315.704630
 0.50000   -8.998337  -18.095441   -2.877796
-42.658966  -49.288456  -293.965980
 0.75000   -8.998337  -18.082054   -2.877796
-42.692266  -49.437621  -316.161855
 1.00000   -8.998337  -18.069580   -2.877796
-42.734032  -50.301353  -338.389696

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   13.094147   37.718574    4.700798
104.624507   5.437992   1271.964
 0.25000   13.094147   37.731042    4.700798
104.583831   4.484825   1267.659
 0.50000   13.094147   37.744422    4.700798
104.549601   4.314853   1265.209
 0.75000   13.094147   37.758444    4.700798
104.517251   4.152559   1267.832
 1.00000   13.094147   37.774246    4.700798
104.487776   4.684934   1272.323

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -17.836128  -37.721793   -5.043348
-105.201419  -76.994018  -613.495992
 0.25000  -17.836128  -37.705991   -5.043348
-105.230863  -74.773020  -571.760161
 0.50000  -17.836128  -37.691969   -5.043348
-105.263212  -73.792150  -530.546755
 0.75000  -17.836128  -37.678589   -5.043348
-105.297442  -74.303024  -572.329074
 1.00000  -17.836128  -37.666121   -5.043348
-105.338116  -76.067008  -614.151910
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         624

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   13.256444   76.159349    4.539135
199.963413   10.307775   2207.865
 0.25000   13.256444   76.170572    4.539135
199.926791   8.897603   2187.567
 0.50000   13.256444   76.182615    4.539135
199.895974   8.539763   2179.749
 0.75000   13.256444   76.195236    4.539135
199.866847   8.874424   2187.671
 1.00000   13.256444   76.209459    4.539135
199.840305   9.951684   2208.085

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -15.349248  -76.127503   -4.791197
-200.418472  -66.437693  -856.388000
 0.25000  -15.349248  -76.113280   -4.791197
-200.444987  -64.599871  -795.534704
 0.50000  -15.349248  -76.100659   -4.791197
-200.474112  -63.707273  -735.139061
 0.75000  -15.349248  -76.088616   -4.791197
-200.504929  -63.855227  -795.936829
 1.00000  -15.349248  -76.077394   -4.791197
-200.541550  -64.962588  -856.837289

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   20.809051  159.187240    5.824989
346.867704   44.533213   3204.564
 0.25000   20.809051  171.860881    5.824989
312.267428   42.545513   3205.825
 0.50000   20.809051  185.492131    5.824989
282.854210   41.766252   3202.295
 0.75000   20.809051  199.801616    5.824989
259.659296   42.224854   3205.820
 1.00000   20.809051  215.546718    5.824989
235.484082   43.653027   3204.541

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -20.680071 -215.405985   -5.847302
-235.566165  -60.337855  -980.741247
 0.25000  -20.680071 -199.660981   -5.847302
-259.743365  -58.271240  -908.431539
 0.50000  -20.680071 -185.351723   -5.847302
-282.967062  -56.992481  -836.503067
 0.75000  -20.680071 -171.720885   -5.847302
-312.379640  -56.960896  -908.468084
 1.00000  -20.680071 -159.047854   -5.847302
-346.944448  -58.217800  -980.761946

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   21.704236  165.682766    4.830818
228.232057   90.152745   2371.125
 0.25000   21.704236  183.625141    4.830818
233.963794   88.623434   2420.827
 0.50000   21.704236  203.042397    4.830818
238.743443   87.735093   2437.549
 0.75000   21.704236  223.456939    4.830818
242.499933   87.602873   2420.585
 1.00000   21.704236  244.364926    4.830818
245.304307   88.116670   2370.630

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -39.170780 -244.265631   -4.678482
-244.820960  -18.771912  -820.782607
 0.25000  -39.170780 -223.366688   -4.678482
-242.048571  -17.802416  -820.684828
 0.50000  -39.170780 -202.961515   -4.678482
-238.324085  -16.846364  -820.610063
 0.75000  -39.170780 -183.544738   -4.678482
-233.576460  -16.565321  -820.529853
 1.00000  -39.170780 -165.603150   -4.678482
-227.876708  -16.579347  -820.430385
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         625

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   44.829691  263.475909    6.943154
342.488384  130.035907   3926.713
 0.25000   44.829691  285.367924    6.943154
345.784350  128.069786   3968.632
 0.50000   44.829691  309.065662    6.943154
348.300122  126.866582   3980.940
 0.75000   44.829691  334.033428    6.943154
349.115329  126.575793   3968.372
 1.00000   44.829691  359.653226    6.943154
349.115329  127.057226   3926.129

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -46.484556 -359.577322   -6.707515
-348.690337  -28.585039  -1458.909
 0.25000  -46.484556 -333.957896   -6.707515
-348.690337  -27.201608  -1458.718
 0.50000  -46.484556 -309.012535   -6.707515
-347.910131  -25.926450  -1458.519
 0.75000  -46.484556 -285.303563   -6.707515
-345.429384  -25.427453  -1458.348
 1.00000  -46.484556 -263.422625   -6.707515
-342.133418  -25.470785  -1458.188

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   40.837799  288.240705    6.967111
384.624083  119.976585   4729.942
 0.25000   40.837799  308.356822    6.967111
386.991208  117.853874   4768.827
 0.50000   40.837799  330.129439    6.967111
388.934477  116.641537   4780.446
 0.75000   40.837799  353.076054    6.967111
389.382617  116.578259   4768.583
 1.00000   40.837799  376.627533    6.967111
389.382617  117.356888   4729.368

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -44.560041 -376.554921   -6.738084
-389.051556  -34.260437  -1949.588
 0.25000  -44.560041 -353.008181   -6.738084
-389.051556  -32.498210  -1949.404
 0.50000  -44.560041 -330.077700   -6.738084
-388.627694  -31.176270  -1949.219
 0.75000  -44.560041 -308.296145   -6.738084
-386.706716  -30.983570  -1949.060
 1.00000  -44.560041 -288.188746   -6.738084
-384.341592  -31.599509  -1948.913

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   39.808652  265.419944    7.665785
367.821891  103.535952   4610.285
 0.25000   39.808652  282.185025    7.665785
369.794997  101.648467   4642.612
 0.50000   39.808652  300.336110    7.665785
371.414800  100.588430   4652.344
 0.75000   39.808652  319.463157    7.665785
371.788345  100.490368   4642.478
 1.00000   39.808652  339.094386    7.665785
371.788345  101.156873   4609.945

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -48.128559 -339.015300   -7.515736
-371.568407  -59.123208  -2078.080
 0.25000  -48.128559 -319.388022   -7.515736
-371.568407  -57.162949  -2077.979
 0.50000  -48.128559 -300.274423   -7.515736
-371.215098  -55.908853  -2077.875
 0.75000  -48.128559 -282.118506   -7.515736
-369.615543  -55.807658  -2077.795
 1.00000  -48.128559 -265.358075   -7.515736
-367.642437  -56.716469  -2077.724
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                         626

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    23.430326   88.006188    1.598618
137.261454   30.259681 1620.632
 0.25000    23.430326   88.012882    1.598618
137.243339   29.859614 1601.867
 0.50000    23.430326   88.020187    1.598618
137.225979   29.588168 1594.158
 0.75000    23.430326   88.027946    1.598618
137.209802   29.485690 1601.815
 1.00000    23.430326   88.035997    1.598618
137.195264   29.527874 1620.556

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.496416  -88.069336   -1.538520
-137.280946   -9.724137 -726.772270
 0.25000   -6.496416  -88.061289   -1.538520
-137.295471   -9.390790 -726.684329
 0.50000   -6.496416  -88.053535   -1.538520
-137.311647   -9.155417 -726.600658
 0.75000   -6.496416  -88.046227   -1.538520
-137.328994   -8.989438 -726.509093
 1.00000   -6.496416  -88.039532   -1.538520
-137.347109   -8.998542 -726.421792

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   22.021831  134.757745    3.013137
213.290201   30.444040 2763.232
 0.25000   22.021831  134.764439    3.013137
213.272086   29.647421 2745.282
 0.50000   22.021831  134.771744    3.013137
213.254726   29.273743 2737.744
 0.75000   22.021831  134.779503    3.013137
213.238549   29.377369 2745.245
 1.00000   22.021831  134.787554    3.013137
213.224011   29.828362 2763.120

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.021189 -134.803430   -2.954560
-213.313766  -27.766135  -1384.684
 0.25000  -15.021189 -134.795383   -2.954560
-213.328290  -26.969204  -1384.620
 0.50000  -15.021189 -134.787629   -2.954560
-213.344467  -26.555638  -1384.574
 0.75000  -15.021189 -134.780321   -2.954560
-213.361814  -26.537568  -1384.508
 1.00000  -15.021189 -134.773626   -2.954560
-213.379929  -27.058061  -1384.449

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   36.297039  248.336782    5.960448
372.724780   90.645607 4305.254
 0.25000   36.297039  266.026781    5.960448
341.662712   89.246066 4341.399
 0.50000   36.297039  285.253583    5.960448
311.656249   88.414814 4352.588
 0.75000   36.297039  305.601963    5.960448
283.934147   88.257984 4341.163
 1.00000   36.297039  326.599848    5.960448
277.759762   88.614838 4304.842

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -33.655631 -326.575077   -5.787517
-277.690778  -39.018021  -1898.516
 0.25000  -33.655631 -305.574628   -5.787517
-283.822547  -36.683239  -1898.403
 0.50000  -33.655631 -285.240457   -5.787517
-311.521956  -35.693795  -1898.280
 0.75000  -33.655631 -266.007179   -5.787517
-341.524466  -35.407140  -1898.120
 1.00000  -33.655631 -248.327459   -5.787517
-372.545051  -35.762408  -1897.980
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                627

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   37.963076  230.804869    6.824781
354.770148   78.796686 4215.060
 0.25000   37.963076  245.537295    6.824781
328.917971   77.437522 4245.085
 0.50000   37.963076  261.549588    6.824781
303.916402   76.495596 4245.459
 0.75000   37.963076  278.495943    6.824781
280.824329   76.494596 4245.001
 1.00000   37.963076  295.983214    6.824781
275.682233   76.850489 4214.946

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -35.689521 -295.950367   -6.726107
-275.747129  -67.009745  -2044.548
 0.25000  -35.689521 -278.460962   -6.726107
-280.853733  -65.432192  -2044.510
 0.50000  -35.689521 -261.526440   -6.726107
-303.922107  -64.403221  -2044.470
 0.75000  -35.689521 -245.508755   -6.726107
-328.908528  -64.231938  -2044.397
 1.00000  -35.689521 -230.784889   -6.726107
-354.742814  -64.900903  -2044.342

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.972556   35.629788    3.021195
66.308018    6.342743  917.678772
 0.25000   15.972556   35.634677    3.021195
66.289960    5.544663  917.572097
 0.50000   15.972556   35.643778    3.021195
66.272655    5.097769  917.681402
 0.75000   15.972556   35.651532    3.021195
66.256528    5.298678  917.799232
 1.00000   15.972556   35.659576    3.021195
66.242037    5.668112  918.142628

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.232003  -35.656766   -3.089983
-66.479503  -58.428098 -707.632459
 0.25000  -11.232003  -35.648725   -3.089983
-66.493982  -57.489260 -707.438908
 0.50000  -11.232003  -35.640976   -3.089983
-66.510107  -57.075000 -707.435539
 0.75000  -11.232003  -35.633673   -3.089983
-66.527401  -57.245902 -707.624800
 1.00000  -11.232003  -35.626983   -3.089983
-66.545457  -57.950554 -708.008220

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   20.656661   72.092491    5.257548
132.811246   11.390249 1836.384
 0.25000   20.656661   72.099183    5.257548
132.793164   10.383395 1835.831
 0.50000   20.656661   72.106485    5.257548
132.775836    9.968415 1835.799
 0.75000   20.656661   72.114241    5.257548
132.759687   10.020176 1836.072
 1.00000   20.656661   72.122288    5.257548
132.745176   10.720140 1836.905

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.808346  -72.098601   -5.361557
-132.997364  -88.800819  -1272.019
 0.25000  -25.808346  -72.090557   -5.361557
-133.011863  -87.049064  -1271.818
 0.50000  -25.808346  -72.082806   -5.361557
-133.028009  -86.256967  -1271.951
 0.75000  -25.808346  -72.075501   -5.361557
-133.045327  -86.718819  -1272.090
 1.00000  -25.808346  -72.068808   -5.361557
-133.063407  -88.165090  -1272.572
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                628

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   26.152689  125.493004    5.011616
212.314938   20.803616 2942.459
 0.25000   26.152689  125.565272    5.011616
212.119646   19.594702 2935.862
 0.50000   26.152689  125.644141    5.011616
211.932508   19.108945 2933.536
 0.75000   26.152689  125.727904    5.011616
211.758095   19.246057 2936.066
 1.00000   26.152689  125.814814    5.011616
211.601378   20.046142 2942.859

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -22.439818 -125.811981   -5.058254
-211.895112  -81.284865  -1769.290
 0.25000  -22.439818 -125.725109   -5.058254
-212.051705  -79.835003  -1769.357
 0.50000  -22.439818 -125.641396   -5.058254
-212.226080  -79.173422  -1769.421
 0.75000  -22.439818 -125.562502   -5.058254
-212.413110  -79.361793  -1769.510
 1.00000  -22.439818 -125.492223   -5.058254
-212.608380  -80.356779  -1769.588

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   40.292285  202.539679    6.530777
353.311993   61.855620 3883.716
 0.25000   40.292285  213.207356    6.530777
329.047304   60.338248 3901.541
 0.50000   40.292285  224.830269    6.530777
305.716704   59.610241 3906.798
 0.75000   40.292285  237.154736    6.530777
284.054070   59.521641 3901.589
 1.00000   40.292285  249.912973    6.530777
264.771845   60.185490 3883.917

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -30.649265 -249.907620   -6.478035
-264.964227  -77.259501  -2015.909
 0.25000  -30.649265 -237.150626   -6.478035
-284.240308  -75.582248  -2015.926
 0.50000  -30.649265 -224.833665   -6.478035
-305.901064  -74.626653  -2015.883
 0.75000  -30.649265 -213.207478   -6.478035
-329.212745  -74.573198  -2015.862
 1.00000  -30.649265 -202.542781   -6.478035
-353.456631  -75.436660  -2015.845

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   28.945765  262.652799    6.894967
376.253190  108.177408 4274.397
 0.25000   28.945765  288.283859    6.894967
376.253190  105.598950 4296.754
 0.50000   28.945765  316.029371    6.894967
376.253190  104.384499 4298.327
 0.75000   28.945765  347.455264    6.894967
376.253190  104.744564 4296.503
 1.00000   28.945765  380.006691    6.894967
376.253190  106.467678 4273.845

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.319075 -379.803708   -6.595462
-375.297724  -76.994018  -1017.302
 0.25000  -25.319075 -347.252654   -6.595462
-375.297724  -74.773020  -939.244043
 0.50000  -25.319075 -315.834917   -6.595462
-375.297724  -73.792150  -861.349805
 0.75000  -25.319075 -288.090617   -6.595462
-375.297724  -74.303024  -938.734645
 1.00000  -25.319075 -262.461223   -6.595462
-375.297724  -76.067008  -1016.706
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                629

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   44.829691  288.240705    7.665785
384.624083  130.035907 4729.942
 0.25000   44.829691  308.353682    7.665785
386.991208  128.069786 4768.827
 0.50000   44.829691  330.129439    7.665785
388.934477  126.866582 4780.446
 0.75000   44.829691  353.076054    7.665785
389.382617  126.575793 4768.583
 1.00000   44.829691  376.627533    7.665785
389.382617  127.057226 4729.368

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -48.128559 -376.554921   -7.515736
-389.051556  -88.800819  -2078.080
 0.25000  -48.128559 -353.008181   -7.515736
-389.051556  -87.049064  -2077.979
 0.50000  -48.128559 -330.077700   -7.515736
-388.627694  -86.256967  -2077.875
 0.75000  -48.128559 -308.296145   -7.515736
-386.708716  -86.718819  -2077.795
 1.00000  -48.128559 -288.188746   -7.515736
-384.341592  -88.165090  -2077.724

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   44.829691  288.240705    7.665785
384.624083  130.035907 4729.942
 0.25000   44.829691  308.353682    7.665785
386.991208  128.069786 4768.827
 0.50000   44.829691  330.129439    7.665785
388.934477  126.866582 4780.446
 0.75000   44.829691  353.076054    7.665785
389.382617  126.575793 4768.583
 1.00000   44.829691  380.006691    7.665785
389.382617  127.057226 4729.368

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -48.128559 -379.803708   -7.515736
-389.051556  -88.800819  -2078.080
 0.25000  -48.128559 -353.008181   -7.515736
-389.051556  -87.049064  -2077.979
 0.50000  -48.128559 -330.077700   -7.515736
-388.627694  -86.256967  -2077.875
 0.75000  -48.128559 -308.296145   -7.515736
-386.708716  -86.718819  -2077.795
 1.00000  -48.128559 -288.188746   -7.515736
-384.341592  -88.165090  -2077.724
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                630

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      29 ================== LENGTH
=    4.988063

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   17.376384  199.372370    6.239465
338.740119   77.814914 2299.332
 0.25000   17.376384  221.797696    6.239465
338.740119   73.059946 2305.118
 0.50000   17.376384  246.013141    6.239465
338.740119   69.316392 2280.982
 0.75000   17.376384  271.470167    6.239465
338.740119   66.682704 2223.813
 1.00000   17.376384  296.676568    6.239465
338.740119   65.047296 2133.759

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.606188 -239.986879   -1.913217
-109.692630  -10.009477 -404.785249
 0.25000  -17.606188 -214.953842   -1.913217
-109.692630  -12.304970 -442.548090
 0.50000  -17.606188 -189.916060   -1.913217
-109.692630  -14.156250 -480.310930
 0.75000  -17.606188 -166.322236   -1.913217
-109.692630  -16.908883 -518.073770
 1.00000  -17.606188 -144.686063   -1.913217
-109.692630  -19.213363 -555.836612

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   29.581526  305.557184    8.098623
459.956309  107.517141 3731.042
 0.25000   29.581526  333.774818    8.098623
459.956309  101.917178 3689.098
 0.50000   29.581526  364.157707    8.098623
459.956309   97.744637 3625.772
 0.75000   29.581526  396.054734    8.098623
459.956309   95.133009 3544.633
 1.00000   29.581526  428.448609    8.098623
459.956309   94.324043 3437.705

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.501659 -332.015470   -4.568568
-187.063405  -14.775503 -719.054138
 0.25000  -24.501659 -299.821844   -4.568568
-187.063405  -17.205227 -783.934394
 0.50000  -24.501659 -268.418612   -4.568568
-187.063405  -19.679605 -848.814650
 0.75000  -24.501659 -238.773748   -4.568568
-187.063405  -22.185085 -913.694906
 1.00000  -24.501659 -211.498839   -4.568568
-187.063405  -24.720444 -978.575219

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   25.676441  322.590751    7.765614
466.867226   96.513302 4221.542
 0.25000   25.676441  348.505652    7.765614
466.867226   91.696735 4201.170
 0.50000   25.676441  376.404992    7.765614
466.867226   88.210518 4114.025
 0.75000   25.676441  405.690911    7.765614
466.867226   86.201905 4013.766
 1.00000   25.676441  435.495046    7.765614
466.867226   85.750306 3895.064

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.531481 -315.744437   -4.493891
-278.866605  -15.531494 -947.798676
 0.25000  -23.531481 -286.123031   -4.493891
-278.866605  -17.590298  -1028.549
 0.50000  -23.531481 -257.288061   -4.493891
-278.866605  -19.677225  -1109.299
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                631

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -23.531481 -230.063256   -4.493891
-278.866605  -21.783931  -1190.057
 1.00000  -23.531481 -205.010209   -4.493891
-278.866605  -23.908667  -1270.817

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   26.181716  289.394498    8.151501
408.634684   81.780830 4036.399
 0.25000   26.181716  310.990248    8.151501
408.634684   77.710697 3958.566
 0.50000   26.181716  334.239698    8.151501
408.634684   74.782948 3869.064
 0.75000   26.181716  358.644631    8.151501
408.634684   73.522807 3769.451
 1.00000   26.181716  383.481411    8.151501
408.634684   73.729621 3655.405

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -26.145234 -276.424985   -6.099434
-315.329498  -40.771872  -1016.735
 0.25000  -26.145234 -251.740480   -6.099434
-315.329498  -41.083074  -1097.541
 0.50000  -26.145234 -227.711338   -6.099434
-315.329498  -41.974073  -1178.346
 0.75000  -26.145234 -205.024001   -6.099434
-315.329498  -43.585621  -1259.160
 1.00000  -26.145234 -184.146462   -6.099434
-315.329498  -45.800513  -1339.975

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.897561   90.913551    1.048786
142.720013   19.116946 1423.503
 0.25000   10.897561   90.926136    1.048786
142.679092   18.926775 1353.737
 0.50000   10.897561   90.939582    1.048786
142.644596   18.999193 1304.586
 0.75000   10.897561   90.953610    1.048786
142.611991   19.477888 1281.500
 1.00000   10.897561   90.969368    1.048786
142.581852   20.953532 1279.310

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.856793  -47.798708   -2.392364
-138.211914   -4.350749 -359.795054
 0.25000   -4.856793  -47.783010   -2.392364
-138.250515   -4.319043 -389.438838
 0.50000   -4.856793  -47.769139   -2.392364
-138.272190   -4.334958 -419.082622
 0.75000   -4.856793  -47.755942   -2.392364
-138.305294   -4.379724 -448.726405
 1.00000   -4.856793  -47.743680   -2.392364
-138.345256   -4.442749 -478.370191

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.743722  132.849152    2.522698
180.390336   18.437137 2269.380
 0.25000   10.743722  132.861728    2.522698
180.349401   18.408629 2165.492
 0.50000   10.743722  132.875185    2.522698
180.314893   18.662948 2086.352
 0.75000   10.743722  132.889215    2.522698
180.282276   19.430892 2037.542
 1.00000   10.743722  132.904975    2.522698
180.252125   20.838583 2013.614

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.836217  -62.305622   -3.610070
-260.476126  -17.398239 -675.088506
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                632

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -9.836217  -62.290129   -3.610070
-260.504773  -16.704956 -726.647186
 0.50000   -9.836217  -62.276257   -3.610070
-260.536459  -16.376020 -778.206499
 0.75000   -9.836217  -62.263059   -3.610070
-260.569575  -16.499362 -829.775799
 1.00000   -9.836217  -62.250796   -3.610070
-260.609560  -16.970063 -881.346596

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   20.922841  272.550904    6.311108
397.380668   69.867888 3791.731
 0.25000   20.922841  294.342415    6.311108
371.404935   66.976352 3723.981
 0.50000   20.922841  317.716683    6.311108
342.805650   64.934658 3640.290
 0.75000   20.922841  342.182236    6.311108
311.985548   64.321484 3545.536
 1.00000   20.922841  368.310835    6.311108
309.590499   64.966930 3435.623

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -20.987435 -260.457866   -4.966415
-263.382265  -22.474890 -929.013484
 0.25000  -20.987435 -234.458986   -4.966415
-263.382265  -23.007921  -1004.936
 0.50000  -20.987435 -210.321315   -4.966415
-271.307217  -23.875667  -1080.861
 0.75000  -20.987435 -187.448531   -4.966415
-301.032932  -25.157857  -1156.794
 1.00000  -20.987435 -166.302553   -4.966415
-327.643850  -26.756181  -1232.728

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   22.805986  243.752610    6.430817
355.219170   59.420766 3581.766
 0.25000   22.805986  261.901773    6.430817
333.595949   57.345849 3506.311
 0.50000   22.805986  281.369237    6.430817
309.790549   56.215506 3421.278
 0.75000   22.805986  301.745661    6.430817
284.136245   56.322545 3327.967
 1.00000   22.805986  323.505849    6.430817
282.239385   57.502443 3222.542

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -22.928971 -229.849732   -6.759369
-296.859180  -49.933763 -997.519411
 0.25000  -22.928971 -208.197606   -6.759369
-296.859180  -48.650267  -1073.915
 0.50000  -22.928971 -188.094315   -6.759369
-303.394705  -48.066997  -1148.310
 0.75000  -22.928971 -169.044586   -6.759369
-328.137548  -48.335805  -1223.713
 1.00000  -22.928971 -151.433142   -6.759369
-350.286824  -49.334948  -1299.118

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.678606   23.449740    1.302626
39.671579    3.552154  601.411000
 0.25000    8.678606   23.462332    1.302626
39.630567    4.857849  579.335824
 0.50000    8.678606   23.475784    1.302626
39.595999    6.215020  557.915198
 0.75000    8.678606   23.489820    1.302626
39.563323    7.621944  537.268041
 1.00000    8.678606   23.505190    1.302626
39.533113    9.062308  517.367186
 Program    SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                633

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -9.333986   -19.639435   -4.276821
-115.551864   -51.245421   -338.333941
0.25000   -9.333986   -19.623724   -4.276821
-115.580742   -48.142820   -355.771908
0.50000   -9.333986   -19.609846   -4.276821
-115.612484   -45.665629   -373.209875
0.75000   -9.333986   -19.596642   -4.276821
-115.645657   -43.871040   -390.647842
1.00000   -9.333986   -19.584373   -4.276821
-115.685760   -42.763346   -408.085811

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   13.669194   55.891082   3.560691
67.079100   5.395056   1272.814
0.25000   13.669194   55.903667   3.560691
67.038180   6.677102   1224.764
0.50000   13.669194   55.917113   3.560691
67.003683   8.166767   1179.722
0.75000   13.669194   55.931141   3.560691
66.971079   9.987622   1137.933
1.00000   13.669194   55.946899   3.560691
66.940939   12.090354   1099.384

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -18.210082   -36.614708   -6.769405
-221.695090   -77.528035   -614.069010
0.25000   -18.210082   -36.599011   -6.769405
-221.723692   -74.158569   -649.559961
0.50000   -18.210082   -36.585139   -6.769405
-221.755366   -70.083143   -685.050912
0.75000   -18.210082   -36.571942   -6.769405
-221.788471   -68.550545   -720.541863
1.00000   -18.210082   -36.559680   -6.769405
-221.828432   -68.526641   -756.034637

COMB DB-G3-3 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   13.715759   110.192405   3.107240
148.279146   10.234710   2208.583
0.25000   13.715759   110.203733   3.107240
148.242304   11.537607   2118.795
0.50000   13.715759   110.215834   3.107240
148.211247   13.051449   2042.511
0.75000   13.715759   110.228461   3.107240
148.181891   14.957389   1980.023
1.00000   13.715759   110.242645   3.107240
148.154755   17.274841   1931.641

COMB DB-G3-3 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -15.844575   -54.937990   -6.486984
-313.487239   -66.073295   -856.772645
0.25000   -15.844575   -54.923860   -6.486984
-313.513022   -62.325907   -912.770256
0.50000   -15.844575   -54.911374   -6.486984
-313.541539   -59.549482   -968.770724
0.75000   -15.844575   -54.899496   -6.486984
-313.571344   -57.189560   -1024.778
1.00000   -15.844575   -54.888459   -6.486984
-313.607330   -57.243010   -1080.788

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   21.424310   205.261947   5.121703
344.349790   44.216671   3204.887
0.25000   21.424310   218.060105   5.121703
308.479540   43.831605   3120.700
0.50000   21.424310   231.759602   5.121703
280.059653   43.979742   3035.594
0.75000   21.424310   246.075811   5.121703
257.492694   45.152347   2952.041
1.00000   21.424310   261.769322   5.121703
233.235575   47.149159   2865.546
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    634

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -21.363181   -180.038909   -7.485859
-311.761838   -59.685110   -980.741530
0.25000   -21.363181   -164.413747   -7.485859
-322.155404   -57.099684   -1051.322
0.50000   -21.363181   -150.273323   -7.485859
-341.521070   -55.337961   -1121.903
0.75000   -21.363181   -136.846854   -7.485859
-368.657780   -54.514921   -1192.492
1.00000   -21.363181   -124.401927   -7.485859
-402.767709   -54.540590   -1263.081

COMB DL-G1-1 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   22.430524   196.938183   7.911786
336.704434   89.380099   2370.053
0.25000   22.430524   215.928479   7.911786
345.210372   83.814477   2364.536
0.50000   22.430524   236.313720   7.911786
353.716292   78.862058   2325.960
0.75000   22.430524   257.657873   7.911786
361.707161   74.720226   2254.222
1.00000   22.430524   279.407396   7.911786
368.753727   71.169553   2149.858

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -39.807719   -214.592523   -2.422826
-133.726717   -18.226761   -820.264398
0.25000   -39.807719   -194.743766   -2.422826
-133.726717   -20.508629   -827.826492
0.50000   -39.807719   -175.423045   -2.422826
-133.726714   -22.803101   -835.388485
0.75000   -39.807719   -157.139098   -2.422826
-133.211645   -25.110015   -842.965896
1.00000   -39.807719   -140.377276   -2.422826
-131.752273   -27.474114   -850.546475

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   45.683476   317.732155   9.885067
469.394620   128.648435   3925.460
0.25000   45.683476   340.842227   9.885067
472.691288   123.355739   3872.376
0.50000   45.683476   365.691245   9.885067
475.987957   118.859561   3787.783
0.75000   45.683476   391.745730   9.885067
479.284625   115.281301   3679.831
1.00000   45.683476   418.355949   9.885067
482.568575   112.525604   3542.956

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -47.315251   -310.024947   -5.597491
-227.590972   -27.508272   -1457.954
0.25000   -47.315251   -265.652455   -5.597491
-227.590972   -29.348534   -1469.231
0.50000   -47.315251   -261.952664   -5.597491
-227.590972   -31.304799   -1480.542
0.75000   -47.315251   -239.586887   -5.597491
-227.590972   -33.334815   -1491.866
1.00000   -47.315251   -219.090534   -5.597491
-227.578449   -35.432809   -1503.155

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   41.650406   356.626810   9.488424
465.990193   118.327232   4728.930
0.25000   41.650406   377.854627   9.488424
468.357822   113.218027   4645.326
0.50000   41.650406   400.684118   9.488424
470.725451   108.935486   4533.881
0.75000   41.650406   424.623989   9.488424
473.093080   105.589738   4399.557
1.00000   41.650406   449.083409   9.488424
475.460868   103.084312   4239.102
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    635

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -45.310859   -315.897310   -5.617192
-315.085774   -33.273875   -1948.719
0.25000   -45.310859   -293.486665   -5.617192
-315.085774   -33.988289   -1958.805
0.50000   -45.310859   -271.699943   -5.617192
-315.085774   -35.135291   -1968.909
0.75000   -45.310859   -251.142679   -5.617192
-315.085774   -36.785191   -1979.037
1.00000   -45.310859   -232.306434   -5.617192
-315.085774   -38.792612   -1989.152

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   40.751849   333.023711   9.677122
413.499281   101.978306   4609.810
0.25000   40.751849   350.718062   9.677122
415.472808   97.828397   4519.032
0.50000   40.751849   369.747481   9.677122
417.446334   94.522250   4405.489
0.75000   40.751849   389.702452   9.677122
419.419860   92.233131   4272.977
1.00000   40.751849   410.090492   9.677122
421.393519   90.846846   4118.719

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -48.958052   -284.976975   -7.094183
-357.322557   -58.414681   -2077.630
0.25000   -48.958052   -266.296884   -7.094183
-357.322557   -58.067308   -2082.548
0.50000   -48.958052   -248.136460   -7.094183
-357.322557   -58.460982   -2087.477
0.75000   -48.958052   -231.001045   -7.094183
-357.322557   -59.670400   -2092.429
1.00000   -48.958052   -215.300178   -7.094183
-357.322557   -61.532257   -2097.376

COMB DL-G2-1 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   23.450431   113.229700   1.223306
124.543395   29.563056   1620.575
0.25000   23.450431   113.244289   1.223306
124.524509   30.321141   1558.367
0.50000   23.450431   113.244289   1.223306
124.506403   31.273567   1503.996
0.75000   23.450431   113.252316   1.223306
124.489523   32.428078   1466.025
1.00000   23.450431   113.260619   1.223306
124.474301   34.142656   1439.588

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -6.560352   -66.879887   -2.965038
-137.604123   -9.104682   -729.385921
0.25000   -6.560352   -66.872129   -2.965038
-137.618038   -8.545885   -729.216387
0.50000   -6.560352   -66.864680   -2.965038
-137.633580   -8.111550   -732.062002
0.75000   -6.560352   -66.857699   -2.965038
-137.650330   -7.766600   -734.928588
1.00000   -6.560352   -66.851344   -2.965038
-137.667818   -7.485999   -737.797406

COMB DL-G2-2 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   22.202987   179.306964   2.774028
159.191921   29.380375   2763.386
0.25000   22.202987   179.313959   2.774028
159.173035   29.615764   2665.049
0.50000   22.202987   179.321553   2.774028
159.154929   30.171374   2576.561
0.75000   22.202987   179.329580   2.774028
159.138049   31.129302   2503.120
1.00000   22.202987   179.337883   2.774028
159.122827   32.477917   2441.102
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    636

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -15.160356   -100.663357   -4.002788
-263.145260   -27.107681   -1384.454
0.25000   -15.160356   -100.655599   -4.002788
-263.159175   -25.845546   -1385.803
0.50000   -15.160356   -100.648150   -4.002788
-263.174717   -25.169017   -1387.145
0.75000   -15.160356   -100.641169   -4.002788
-263.191467   -24.970714   -1388.504
1.00000   -15.160356   -100.634814   -4.002788
-263.208954   -25.212366   -1389.878

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   36.943949   312.531157   7.217316
405.887152   89.033007   4304.700
0.25000   36.943949   331.104552   7.217316
372.325808   86.557561   4225.238
0.50000   36.943949   351.179954   7.217316
339.456477   84.533902   4120.562
0.75000   36.943949   372.314625   7.217316
308.961129   83.142312   3993.467
1.00000   36.943949   394.028817   7.217316
300.726865   82.376573   3842.738

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -34.219651   -272.592450   -5.768005
-280.039382   -36.772431   -1897.867
0.25000   -34.219651   -252.483032   -5.768005
-280.265405   -36.547081   -1904.674
0.50000   -34.219651   -233.053650   -5.768005
-300.671505   -36.687036   -1911.540
0.75000   -34.219651   -214.787638   -5.768005
-328.040629   -37.268122   -1918.382
1.00000   -34.219651   -198.091794   -5.768005
-356.332569   -38.172472   -1925.242

COMB DL-G2-4 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   38.802579   292.712805   7.199610
368.139914   77.436189   4215.073
0.25000   38.802579   308.180933   7.199610
340.189657   75.861075   4129.580
0.50000   38.802579   324.899950   7.199610
312.815715   74.846399   4023.274
0.75000   38.802579   342.501137   7.199610
287.418853   74.449712   3898.427
1.00000   38.802579   360.596615   7.199610
280.561267   74.723872   3753.872

COMB DL-G2-4 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -36.439381   -248.594729   -7.753269
-328.844354   -66.358972   -2044.335
0.25000   -36.439381   -231.847384   -7.753269
-329.032589   -64.207742   -2045.111
0.50000   -36.439381   -215.666381   -7.753269
-346.027014   -62.789688   -2045.937
0.75000   -36.439381   -200.454244   -7.753269
-368.820322   -62.002228   -2046.745
1.00000   -36.439381   -186.549762   -7.753269
-392.382162   -61.909780   -2047.581

COMB DL-G3-1 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   16.425330   46.574776   1.518885
50.262005   6.590284   918.516869
0.25000   16.425330   46.581767   1.518885
50.243174   8.207468   890.998251
0.50000   16.425330   46.589356   1.518885
50.225121   9.952522   863.617544
0.75000   16.425330   46.597378   1.518885
50.208289   11.748610   836.579590
1.00000   16.425330   46.605676   1.518885
50.193116   13.751360   809.536107
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    637

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -11.652689   -32.824754   -5.273229
-145.657566   -58.876613   -708.155996
0.25000   -11.652689   -32.817003   -5.273229
-145.671431   -55.487984   -699.911659
0.50000   -11.652689   -32.809559   -5.273229
-145.686923   -52.476840   -691.667159
0.75000   -11.652689   -32.802483   -5.273229
-145.703614   -49.829938   -683.437689
1.00000   -11.652689   -32.796232   -5.273229
-145.721042   -47.649786   -675.239866

COMB DL-G3-2 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   21.381302   98.789472   4.080134
81.894021   11.381260   1837.533
0.25000   21.381302   98.796465   4.080134
81.875166   13.086637   1780.266
0.50000   21.381302   98.804056   4.080134
81.857090   15.031150   1724.499
0.75000   21.381302   98.812080   4.080134
81.840238   17.277669   1669.582
1.00000   21.381302   98.820380   4.080134
81.825046   20.004521   1615.068

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -26.380794   -61.941620   -7.711490
-262.647442   -89.335568   -1272.772
0.25000   -26.380794   -61.933865   -7.711490
-262.661328   -85.522259   -1264.156
0.50000   -26.380794   -61.926419   -7.711490
-262.676843   -82.529519   -1259.213
0.75000   -26.380794   -61.919441   -7.711490
-262.693558   -80.698071   -1250.835
1.00000   -26.380794   -61.913089   -7.711490
-262.711012   -79.711491   -1242.490

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   26.726737   169.940773   3.457746
143.868972   20.266687   2943.502
0.25000   26.726737   170.016296   3.457746
143.665345   21.751356   2848.822
0.50000   26.726737   170.098279   3.457746
143.470124   23.549739   2758.009
0.75000   26.726737   170.184943   3.457746
143.288118   25.719212   2672.017
1.00000   26.726737   170.274581   3.457746
143.124041   28.396804   2590.926

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -22.948122   -98.435465   -7.584054
-344.040682   -81.114481   -1761.761
0.25000   -22.948122   -98.351718   -7.584054
-344.190656   -76.982033   -1761.275
0.50000   -22.948122   -98.271302   -7.584054
-344.358218   -73.538171   -1752.767
0.75000   -22.948122   -98.195940   -7.584054
-344.538738   -70.886536   -1744.280
1.00000   -22.948122   -98.127330   -7.584054
-344.727234   -68.981954   -1736.013

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   41.041275   259.361088   5.745908
338.086756   60.868848   3884.244
0.25000   41.041275   270.533755   5.745908
312.365329   61.278511   3793.532
0.50000   41.041275   282.640676   5.745908
287.615578   62.135457   3689.712
0.75000   41.041275   295.415465   5.745908
264.570748   63.429328   3575.802
1.00000   41.041275   308.592326   5.745908
243.959850   65.343989   3450.152
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    638

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -31.343130   -208.752136   -8.804675
-347.737112   -76.691355   -2015.912
0.25000   -31.343130   -196.496423   -8.804675
-365.770595   -73.323401   -2012.954
0.50000   -31.343130   -184.691855   -8.804675
-386.179822   -70.594388   -2009.980
0.75000   -31.343130   -173.614064   -8.804675
-408.236237   -68.578399   -2007.006
1.00000   -31.343130   -163.514200   -8.804675
-431.203667   -67.235363   -2010.198

COMB       DB ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   29.581526   322.590751   8.151501
466.867226   107.517141   4273.342
0.25000   29.581526   348.505652   8.151501
466.867226   101.917178   4201.170
0.50000   29.581526   376.404992   8.151501
466.867226   97.744637   4114.025
0.75000   29.581526   405.690911   8.151501
466.867226   95.133009   4013.766
1.00000   29.581526   435.495046   8.151501
466.867226   94.324043   3895.064

COMB       DB ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -26.145234   -332.015470   -7.485859
-315.329498   -77.528035   -1016.735
0.25000   -26.145234   -299.821844   -7.485859
-322.155404   -73.168569   -1097.541
0.50000   -26.145234   -268.418612   -7.485859
-341.521070   -70.083143   -1178.346
0.75000   -26.145234   -238.773748   -7.485859
-368.657780   -68.550545   -1259.160
1.00000   -26.145234   -211.498839   -7.485859
-402.767709   -68.526641   -1339.975

COMB       DL ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   45.683476   356.626810   9.885067
469.394620   128.648435   4728.930
0.25000   45.683476   377.854627   9.885067
472.691288   123.355739   4645.326
0.50000   45.683476   400.684118   9.885067
475.987957   118.859561   4533.881
0.75000   45.683476   424.623989   9.885067
479.284625   115.281301   4399.557
1.00000   45.683476   449.083409   9.885067
482.568575   112.525604   4239.102

COMB       DL ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -48.958052   -315.897310   -8.804675
-357.322557   -89.335568   -2077.630
0.25000   -48.958052   -293.486665   -8.804675
-365.770595   -85.522259   -2082.548
0.50000   -48.958052   -271.699943   -8.804675
-386.179822   -82.529519   -2087.477
0.75000   -48.958052   -251.142679   -8.804675
-408.236237   -80.698071   -2092.429
1.00000   -48.958052   -232.306434   -8.804675
-431.203667   -79.711491   -2097.376

COMB       CAR ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   45.683476   356.626810   9.885067
469.394620   128.648435   4728.930
0.25000   45.683476   377.854627   9.885067
472.691288   123.355739   4645.326
0.50000   45.683476   400.684118   9.885067
475.987957   118.859561   4533.881
0.75000   45.683476   424.623989   9.885067
479.284625   115.281301   4399.557
1.00000   45.683476   449.083409   9.885067
482.568575   112.525604   4239.102
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    639

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -48.958052   -332.015470   -8.804675
-357.322557   -89.335568   -2077.630
0.25000   -48.958052   -299.821844   -8.804675
-365.770595   -85.522259   -2082.548
0.50000   -48.958052   -271.699943   -8.804675
-386.179822   -82.529519   -2087.477
0.75000   -48.958052   -251.142679   -8.804675
-408.236237   -80.698071   -2092.429
1.00000   -48.958052   -232.306434   -8.804675
-431.203667   -79.711491   -2097.376

COMB       DESIGN ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   45.683476   356.626810   9.885067
469.394620   128.648435   4728.930
0.25000   45.683476   377.854627   9.885067
472.691288   123.355739   4645.326
0.50000   45.683476   400.684118   9.885067
475.987957   118.859561   4533.881
0.75000   45.683476   424.623989   9.885067
479.284625   115.281301   4399.557
1.00000   45.683476   449.083409   9.885067
482.568575   112.525604   4239.102

COMB       DESIGN ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -48.958052   -332.015470   -8.804675
-357.322557   -89.335568   -2077.630
0.25000   -48.958052   -299.821844   -8.804675
-365.770595   -85.522259   -2082.548
0.50000   -48.958052   -271.699943   -8.804675
-386.179822   -82.529519   -2087.477
0.75000   -48.958052   -251.142679   -8.804675
-408.236237   -80.698071   -2092.429
1.00000   -48.958052   -232.306434   -8.804675
-431.203667   -79.711491   -2097.376

ELEM       30 ========== LENGTH
=    4.987251

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   17.923389   231.052225   7.923486
445.034577   65.770778   2132.536
0.25000   17.923389   253.503451   7.923486
445.034577   58.495855   2092.052
0.50000   17.923389   277.620165   7.923486
445.034577   52.281778   2022.744
0.75000   17.923389   302.863765   7.923486
445.034577   47.015574   1921.426
1.00000   17.923389   327.784551   7.923486
445.034577   42.889741   1788.238

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2            V3
          T           M2           M3
0.00000   -18.039567   -209.105152   -0.591393
-53.511937   -20.476916   -555.773455
0.25000   -18.039567   -184.450916   -0.591393
-53.511937   -23.985149   -602.746641
0.50000   -18.039567   -159.848603   -0.591393
-53.511937   -27.498765   -649.831659
0.75000   -18.039567   -136.730209   -0.591393
-53.511937   -31.015029   -696.916740
1.00000   -18.039567   -115.588795   -0.591393
-53.511937   -34.531997   -744.001867

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2            V3
          T           M2           M3
0.00000   30.190440   358.666961   10.002689
573.094239   95.140510   3436.428
0.25000   30.190440   386.926322   10.002689
573.094239   88.708676   3314.260
0.50000   30.190440   417.186256   10.002689
573.094239   85.048893   3173.284
Program    SAP2000    Nonlinear    Version    7.42
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File:하행S06-S1003.OUT

Page
< MOVING LOAD >
640

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	30.190400	448.810189	10.002689
573.094239	83.273132	3015.955	
1.00000	30.190440	480.836629	10.002689
573.094239	82.838869	2835.443	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.986882	-282.269233	-3.708069
-145.782388	-26.278611	-978.497429	
0.25000	-24.986882	-250.541720	-3.708069
-145.782388	-30.051289	-1056.313	
0.50000	-24.986882	-219.664016	-3.708069
-145.782388	-33.868058	-1134.251	
0.75000	-24.986882	-190.607867	-3.708069
-145.782388	-37.738617	-1212.213	
1.00000	-24.986882	-163.957425	-3.708069
-145.782388	-41.621892	-1290.176	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.426557	386.953566	9.183646
527.185513	85.854666	3894.267	
0.25000	26.426557	412.907476	9.183646
527.185513	79.305584	3724.415	
0.50000	26.426557	440.694023	9.183646
527.185513	75.042146	3538.709	
0.75000	26.426557	469.728736	9.183646
527.185513	72.573625	3342.104	
1.00000	26.426557	499.194790	9.183646
527.185513	71.604484	3130.765	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.178917	-272.662341	-3.616504
-267.135446	-25.496187	-1270.745	
0.25000	-24.178917	-243.468171	-3.616504
-267.135446	-28.142036	-1362.376	
0.50000	-24.178917	-215.114321	-3.616504
-267.135446	-31.233715	-1454.116	
0.75000	-24.178917	-188.429528	-3.616504
-267.135446	-34.361723	-1545.873	
1.00000	-24.178917	-163.950142	-3.616504
-267.135446	-37.573992	-1637.629	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.093257	352.820416	9.511880
460.343653	74.090517	3655.201	
0.25000	27.093257	374.448675	9.511880
460.343653	69.405419	3481.242	
0.50000	27.093257	397.604131	9.511880
460.343653	66.691793	3295.096	
0.75000	27.093257	421.799725	9.511880
460.343653	65.537777	3101.012	
1.00000	27.093257	446.354770	9.511880
460.343653	65.722539	2895.743	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.844791	-240.591384	-5.783466
-346.679833	-47.594739	-1339.933	
0.25000	-26.844791	-216.262908	-5.783466
-346.679833	-48.628214	-1425.693	
0.50000	-26.844791	-192.634700	-5.783466
-346.679833	-50.529966	-1511.559	
0.75000	-26.844791	-170.397313	-5.783466
-346.679833	-53.835457	-1597.508	
1.00000	-26.844791	-149.997884	-5.783466
-346.679833	-57.618342	-1683.467	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.884612	113.704571	1.097799
119.761127	20.857189	1279.432	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
641

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	10.884612	113.717191	1.097799
119.719530	23.028157	1171.565	
0.50000	10.884612	113.730585	1.097799
119.684265	26.574607	1086.658	
0.75000	10.884612	113.744482	1.097799
119.650925	30.582099	1029.103	
1.00000	10.884612	113.760060	1.097799
119.620030	34.592684	992.054541	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.761454	-33.156128	-3.397968
-136.272241	-4.568481	-478.361806	
0.25000	-4.761454	-33.140617	-3.397968
-136.293937	-4.567737	-510.446516	
0.50000	-4.761454	-33.126942	-3.397968
-136.323320	-4.606081	-542.536204	
0.75000	-4.761454	-33.113992	-3.397968
-136.356824	-4.676538	-574.646424	
1.00000	-4.761454	-33.102012	-3.397968
-136.396094	-4.757668	-606.757129	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.069999	171.735960	2.637117
127.508512	19.987474	2014.207	
0.25000	11.069999	171.748582	2.637117
127.466900	21.001885	1848.510	
0.50000	11.069999	171.761977	2.637117
127.431622	23.467552	1705.993	
0.75000	11.069999	171.775875	2.637117
127.398270	26.649865	1595.284	
1.00000	11.069999	171.791455	2.637117
127.367364	30.266378	1512.217	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.045408	-51.122163	-4.513797
-296.184449	-17.239725	-881.341461	
0.25000	-10.045408	-51.106649	-4.513797
-296.206154	-16.592482	-932.887330	
0.50000	-10.045408	-51.092973	-4.513797
-296.235592	-16.539274	-984.437784	
0.75000	-10.045408	-51.080022	-4.513797
-296.269107	-17.719371	-1036.007	
1.00000	-10.045408	-51.068041	-4.513797
-296.308391	-19.058823	-1087.576	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.564368	332.006254	7.336427
415.904626	64.643886	3435.580	
0.25000	21.564368	353.844451	7.336427
389.377558	61.412521	3272.223	
0.50000	21.564368	377.126477	7.336427
360.095844	59.933592	3096.064	
0.75000	21.564368	401.372725	7.336427
331.470642	60.203222	2911.418	
1.00000	21.564368	427.204469	7.336427
331.470642	61.811686	2714.561	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.473067	-226.542133	-5.459337
-299.186303	-27.757493	-1232.684	
0.25000	-21.473067	-200.885342	-5.459337
-299.186303	-28.955242	-1315.120	
0.50000	-21.473067	-177.121651	-5.459337
-299.186303	-30.696289	-1397.613	
0.75000	-21.473067	-154.689622	-5.459337
-299.186303	-33.553952	-1480.119	
1.00000	-21.473067	-134.029156	-5.459337
-322.050095	-36.555430	-1562.626	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
642

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.676225	301.921829	6.823255
371.506805	57.909912	3222.982	
0.25000	23.676225	320.109860	6.823255
349.424583	56.331009	3059.110	
0.50000	23.676225	339.500497	6.823255
325.050897	56.257817	2884.929	
0.75000	23.676225	359.694280	6.823255
301.321666	57.647573	2704.486	
1.00000	23.676225	381.207245	6.823255
301.321666	60.145512	2514.990	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.613811	-201.920874	-7.807833
-371.139686	-50.974701	-1299.111	
0.25000	-23.613811	-180.553678	-7.807833
-371.139686	-49.534386	-1374.708	
0.50000	-23.613811	-160.761890	-7.807833
-371.139686	-48.996759	-1450.449	
0.75000	-23.613811	-142.079260	-7.807833
-371.139686	-49.866460	-1526.273	
1.00000	-23.613811	-124.872173	-7.807833
-390.048550	-51.423154	-1602.097	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.173737	35.623512	0.388984
41.766317	9.948836	518.108947	
0.25000	9.173737	35.636140	0.388984
41.724628	12.013563	478.857956	
0.50000	9.173737	35.649540	0.388984
41.689291	14.170353	440.451314	
0.75000	9.173737	35.663444	0.388984
41.659880	16.370588	403.036999	
1.00000	9.173737	35.679035	0.388984
41.624914	18.632920	367.002852	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.740741	-20.041013	-5.459727
-184.598611	-44.053328	-408.141724	
0.25000	-9.740741	-20.025490	-5.459727
-184.620357	-39.344497	-416.865605	
0.50000	-9.740741	-20.011808	-5.459727
-184.650070	-35.396019	-425.765994	
0.75000	-9.740741	-19.998850	-5.459727
-184.683642	-32.097669	-434.706409	
1.00000	-9.740741	-19.986864	-5.459727
-184.722999	-29.477427	-443.699958	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.447212	81.291713	3.155359
62.189551	12.862018	1100.623	
0.25000	14.447212	81.304334	3.155359
62.147954	15.496207	1014.878	
0.50000	14.447212	81.317727	3.155359
62.112689	18.443978	932.348397	
0.75000	14.447212	81.331624	3.155359
62.079349	21.606791	853.682113	
1.00000	14.447212	81.347203	3.155359
62.048454	24.999665	779.304416	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.668253	-36.812630	-8.262352
-331.746078	-70.602598	-756.099935	
0.25000	-18.668253	-36.797119	-8.262352
-331.767774	-64.928247	-779.307739	
0.50000	-18.668253	-36.783444	-8.262352
-331.797157	-61.940751	-803.217305	
0.75000	-18.668253	-36.770493	-8.262352
-331.830661	-61.343855	-826.913358	
1.00000	-18.668253	-36.758514	-8.262352
-331.869931	-61.723217	-850.612032	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
643

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.430304	151.168704	2.036148
102.834407	17.468271	1932.976	
0.25000	14.430304	151.180064	2.036148
102.796955	19.933733	1780.071	
0.50000	14.430304	151.192119	2.036148
102.765206	22.794586	1639.322	
0.75000	14.430304	151.204627	2.036148
102.735189	26.018878	1514.133	
1.00000	14.430304	151.218650	2.036148
102.707373	29.654858	1404.492	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.452671	-51.702665	-8.028808
-421.397046	-58.715576	-1080.842	
0.25000	-16.452671	-51.688703	-8.028808
-421.416580	-53.441586	-1126.841	
0.50000	-16.452671	-51.676394	-8.028808
-421.443074	-49.367568	-1173.071	
0.75000	-16.452671	-51.664738	-8.028808
-421.473238	-47.099995	-1219.314	
1.00000	-16.452671	-51.653955	-8.028808
-421.508594	-45.721986	-1265.557	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.271306	258.837582	4.706436
335.025082	47.559056	2866.407	
0.25000	22.271306	271.667700	4.706436
298.483154	48.235992	2700.521	
0.50000	22.271306	285.313876	4.706436
272.701518	50.439755	2532.951	
0.75000	22.271306	299.498647	4.706436
249.861046	53.929205	2368.891	
1.00000	22.271306	315.013711	4.706436
225.211261	58.270211	2204.802	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.025715	-158.488769	-9.376811
-398.951274	-56.199126	-1263.104	
0.25000	-22.025715	-143.058892	-9.376811
-398.951274	-52.640667	-1329.816	
0.50000	-22.025715	-129.128106	-9.376811
-415.209778	-50.088596	-1396.743	
0.75000	-22.025715	-115.956131	-9.376811
-434.616862	-49.041128	-1463.692	
1.00000	-22.025715	-103.797369	-9.376811
-463.933523	-48.736616	-1530.642	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.115633	238.706755	11.082861
465.531052	72.057152	2148.398	
0.25000	23.115633	258.741090	11.082861
474.035605	63.489474	2082.713	
0.50000	23.115633	280.122852	11.082861
482.540158	55.928796	1984.321	
0.75000	23.115633	302.390080	11.082861
491.044711	49.861200	1852.656	
1.00000	23.115633	325.063590	11.082861
499.549264	45.362960	1688.706	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.272393	-186.417259	-1.127500
-86.070220	-28.945470	-850.194841	
0.25000	-40.272393	-167.803155	-1.127500
-86.070220	-33.489094	-869.571209	
0.50000	-40.272393	-149.757682	-1.127500
-86.070220	-38.691828	-888.839524	
0.75000	-40.272393	-132.806755	-1.127500
-86.070220	-44.664450	-908.260119	
1.00000	-40.272393	-117.335010	-1.127500
-86.070220	-51.511252	-927.612107	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
644

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	46.448530	387.680120	13.183085
605.008182	113.458020	3541.313	
0.25000	46.448530	412.017218	13.183085
608.304314	106.348304	3387.333	
0.50000	46.448530	438.017928	13.183085
611.600446	101.440590	3200.013	
0.75000	46.448530	465.139484	13.183085
614.896577	98.170591	2990.133	
1.00000	46.448530	492.806295	13.183085
618.192709	96.672148	2751.978	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-47.831636	-264.964862	-5.063515
-186.309397	-37.082981	-1502.684	
0.25000	-47.831636	-242.010209	-5.063515
-186.309397	-41.254750	-1530.521	
0.50000	-47.831636	-219.819961	-5.063515
-186.309397	-46.179190	-1558.249	
0.75000	-47.831636	-199.004869	-5.063515
-186.309397	-52.006501	-1586.066	
1.00000	-47.831636	-180.027333	-5.063515
-186.309397	-58.953051	-1613.801	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.395905	441.810806	12.264509
556.254578	103.159897	4238.093	
0.25000	42.395905	464.167560	12.264509
558.621822	95.919563	4028.593	
0.50000	42.395905	488.050084	12.264509
560.989065	90.757260	3789.338	
0.75000	42.395905	512.966089	12.264509
563.356309	87.722593	3528.125	
1.00000	42.395905	538.386601	12.264509
565.723552	85.797372	3241.306	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.732598	-269.625947	-5.294010
-315.369563	-40.231494	-1988.746	
0.25000	-45.732598	-248.504992	-5.294010
-315.369563	-42.516491	-2012.524	
0.50000	-45.732598	-228.100569	-5.294010
-315.369563	-45.927765	-2036.215	
0.75000	-45.732598	-208.968631	-5.294010
-315.369563	-50.657048	-2059.973	
1.00000	-45.732598	-191.523418	-5.294010
-315.369563	-56.724572	-2083.659	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	41.755347	415.262668	12.024206
490.619263	91.144340	4118.445	
0.25000	41.755347	433.893038	12.024206
492.592468	85.995832	3904.309	
0.50000	41.755347	453.900208	12.024206
494.565673	82.718491	3665.703	
0.75000	41.755347	474.568832	12.024206
496.538878	81.160619	3409.373	
1.00000	41.755347	495.757985	12.024206
498.512084	81.419191	3132.123	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-49.571366	-245.726855	-7.490401
-410.707926	-63.338798	-2097.173	
0.25000	-49.571366	-228.121579	-7.490401
-410.707926	-64.009588	-2108.526	
0.50000	-49.571366	-211.113564	-7.490401
-410.707926	-66.100438	-2119.789	
0.75000	-49.571366	-195.166223	-7.490401
-410.707926	-70.047850	-2131.156	
1.00000	-49.571366	-180.624845	-7.490401
-410.707926	-75.604685	-2142.488	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
645

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.427702	143.204917	1.225810
99.718606	33.888235	1439.677	
0.25000	23.427702	143.212219	1.225810
99.698999	36.795652	1333.783	
0.50000	23.427702	143.220080	1.225810
99.680304	40.444339	1232.850	
0.75000	23.427702	143.228345	1.225810
99.662937	44.142780	1148.345	
1.00000	23.427702	143.236860	1.225810
99.647257	47.971310	1075.959	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.463015	-51.227979	-4.132810
-142.448796	-7.391924	-737.712625	
0.25000	-6.463015	-51.220560	-4.132810
-142.462404	-6.861107	-743.493967	
0.50000	-6.463015	-51.213475	-4.132810
-142.477593	-6.396279	-749.325038	
0.75000	-6.463015	-51.206888	-4.132810
-142.493888	-5.995067	-755.133218	
1.00000	-6.463015	-51.200921	-4.132810
-142.510877	-5.729245	-760.892948	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.416740	230.552625	2.787568
109.653155	31.393265	2441.841	
0.25000	22.416740	230.559928	2.787568
109.633548	32.732497	2265.895	
0.50000	22.416740	230.567789	2.787568
109.614853	35.115033	2096.985	
0.75000	22.416740	230.576054	2.787568
109.597486	38.041379	1944.415	
1.00000	22.416740	230.584568	2.787568
109.581806	41.478585	1803.844	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.171252	-81.964517	-5.231893
-321.300415	-25.267638	-1389.862	
0.25000	-15.171252	-81.957098	-5.231893
-321.314023	-23.331744	-1441.063	
0.50000	-15.171252	-81.950014	-5.231893
-321.329212	-22.394405	-1392.299	
0.75000	-15.171252	-81.943427	-5.231893
-321.345507	-22.426949	-1393.516	
1.00000	-15.171252	-81.937460	-5.231893
-321.362496	-22.997699	-1394.678	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	37.566552	390.287044	8.769253
452.735772	81.849606	3842.505	
0.25000	37.566552	409.756956	8.769253
418.537505	78.577091	3646.958	
0.50000	37.566552	430.651479	8.769253
383.540966	76.772975	3424.037	
0.75000	37.566552	452.528508	8.769253
351.510629	76.263164	3179.842	
1.00000	37.566552	474.959512	8.769253
343.984097	77.101587	2912.746	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-34.515929	-234.072858	-6.384390
-338.636970	-39.026170	-1924.987	
0.25000	-34.515929	-214.977512	-6.384390
-338.640967	-39.089021	-1940.177	
0.50000	-34.515929	-196.637423	-6.384390
-338.857874	-40.368969	-1955.215	
0.75000	-34.515929	-179.512904	-6.384390
-359.586522	-43.018549	-1972.286	
1.00000	-34.515929	-163.968162	-6.384390
-385.794079	-46.655356	-1985.406	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
646

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	39.743644	366.321290	8.072565
413.581629	74.924045	3754.277	
0.25000	39.743644	382.536048	8.072565
385.100935	73.538460	3555.936	
0.50000	39.743644	399.937237	8.072565
355.955432	73.531270	3335.032	
0.75000	39.743644	418.156669	8.072565
329.280214	74.917146	3096.741	
1.00000	39.743644	436.837456	8.072565
323.012035	77.773522	2839.605	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-37.032990	-216.258171	-9.352047
-433.757541	-63.543082	-2047.555	
0.25000	-37.032990	-200.355355	-9.352047
-433.760869	-60.567134	-2048.718	
0.50000	-37.032990	-185.081528	-9.352047
-433.941512	-59.077701	-2049.776	
0.75000	-37.032990	-170.820040	-9.352047
-451.204559	-59.196777	-2050.945	
1.00000	-37.032990	-157.874207	-9.352047
-473.030501	-60.757695	-2052.131	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.049854	57.664994	0.675892
64.813211	14.693905	810.451154	
0.25000	17.049854	57.672293	0.675892
64.793652	17.634755	760.806015	
0.50000	17.049854	57.680149	0.675892
64.775012	20.974512	711.289461	
0.75000	17.049854	57.688409	0.675892
64.757692	24.826055	662.417971	
1.00000	17.049854	57.696918	0.675892
64.742054	29.270683	613.326369	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.169712	-32.550449	-7.426544
-231.479534	-48.979299	-675.559461	
0.25000	-12.169712	-32.543036	-7.426544
-231.493088	-43.375059	-656.000295	
0.50000	-12.169712	-32.535957	-7.426544
-231.508222	-39.434178	-636.557551	
0.75000	-12.169712	-32.529316	-7.426544
-231.524458	-34.284545	-617.417290	
1.00000	-12.169712	-32.523412	-7.426544
-231.541384	-31.004686	-598.041320	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.420276	126.707354	3.577783
88.218006	20.758880	1616.608	
0.25000	22.420276	126.714654	3.577783
88.198425	24.308587	1510.373	
0.50000	22.420276	126.722512	3.577783
88.179763	28.446915	1405.446	
0.75000	22.420276	126.730775	3.577783
88.162423	33.359564	1302.754	
1.00000	22.420276	126.739286	3.577783
88.146767	39.141528	1200.943	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.109379	-59.471400	-10.260416
-405.505133	-81.485092	-1242.909	
0.25000	-27.109379	-59.463985	-10.260416
-405.518710	-75.596129	-1219.008	
0.50000	-27.109379	-59.456903	-10.260416
-405.533868	-71.550494	-1195.222	
0.75000	-27.109379	-59.450319	-10.260416

```
-405.550129  -69.170992  -1171.460
 1.00000  -27.109379  -59.444354  -10.260416
-405.567083  -68.118974  -1147.768
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              647

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    27.564905  218.979321     2.559240
117.229534   28.369737    2592.581
 0.25000    27.564905  219.058159     2.559240
117.018055   31.834505    2418.041
 0.50000    27.564905  219.143029     2.559240
116.816509   36.103862    2245.399
 0.75000    27.564905  219.232264     2.559240
116.629234   41.187741    2078.307
 1.00000    27.564905  219.324187     2.559240
116.460151   47.140809    1916.770

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -23.487832  -86.445222  -10.344385
-489.360911   -70.110054   -1736.359
 0.25000  -23.487832  -86.365134  -10.344385
-489.507539   -63.572360   -1714.963
 0.50000  -23.487832  -86.288655  -10.344385
-489.671248   -58.312134   -1693.691
 0.75000  -23.487832  -86.215748  -10.344385
-489.846868   -54.593639   -1672.438
 1.00000  -23.487832  -86.153129  -10.344385
-490.029976   -52.039206   -1651.230

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    41.957101  325.415665     5.685595
356.057567   65.550403    3451.060
 0.25000    41.957101  337.099191     5.685595
328.951135   67.412271    3257.046
 0.50000    41.957101  349.665257     5.685595
302.990466   70.589587    3047.752
 0.75000    41.957101  362.848791     5.685595
278.893548   74.921249    2829.510
 1.00000    41.957101  376.401869     5.685595
257.253848   80.691981    2600.220

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -31.937542  -182.158105  -11.535610
-465.633784   -68.603586   -2010.357
 0.25000  -31.937542  -170.473427  -11.535610
-476.085090   -63.506811   -2008.613
 0.50000  -31.937542  -159.285599  -11.535610
-495.603711   -59.799137   -2006.911
 0.75000  -31.937542  -148.862863  -11.535610
-516.693111   -57.666402   -2005.254
 1.00000  -31.937542  -139.418804  -11.535610
-538.650648   -56.865902   -2035.686

 COMB      DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    30.190440  386.953566    10.002689
573.094239   95.140510    3894.267
 0.25000    30.190440  412.907476    10.002689
573.094239   88.708676    3724.415
 0.50000    30.190440  440.694023    10.002689
573.094239   85.048893    3538.709
 0.75000    30.190440  469.728736    10.002689
573.094239   83.273132    3342.104
 1.00000    30.190440  499.194790    10.002689
573.094239   82.838869    3130.765

 COMB      DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -26.844791  -282.269233   -9.376811
-421.397046   -70.602598   -1339.933
 0.25000  -26.844791  -250.541720   -9.376811
-421.416580   -64.926247   -1425.693
 0.50000  -26.844791  -219.664016   -9.376811
-421.443074   -61.940751   -1511.559
 0.75000  -26.844791  -190.607867   -9.376811
-434.616862   -59.743855   -1597.508
 1.00000  -26.844791  -163.957425   -9.376811
-463.933523   -61.723217   -1683.467
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              648

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB      DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    46.448530  441.816806    13.183085
605.008182   113.458020    4238.093
 0.25000    46.448530  464.167560    13.183085
608.304314   106.348304    4028.593
 0.50000    46.448530  488.050084    13.183085
611.600446   101.440590    3789.338
 0.75000    46.448530  512.966089    13.183085
614.896577   98.170591    3528.125
 1.00000    46.448530  538.386601    13.183085
618.192709   96.672148    3241.306

 COMB      DL ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -49.571366  -269.625947  -11.535610
-489.360911   -81.485092   -2097.173
 0.25000  -49.571366  -248.504892  -11.535610
-489.507539   -75.696129   -2108.526
 0.50000  -49.571366  -228.100569  -11.535610
-495.603711   -71.550494   -2119.789
 0.75000  -49.571366  -208.968631  -11.535610
-516.693111   -70.047850   -2131.156
 1.00000  -49.571366  -191.523418  -11.535610
-538.650648   -75.604685   -2142.488

 COMB      CAR ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    46.448530  441.816806    13.183085
605.008182   113.458020    4238.093
 0.25000    46.448530  464.167560    13.183085
608.304314   106.348304    4028.593
 0.50000    46.448530  488.050084    13.183085
611.600446   101.440590    3789.338
 0.75000    46.448530  512.966089    13.183085
614.896577   98.170591    3528.125
 1.00000    46.448530  538.386601    13.183085
618.192709   96.672148    3241.306

 COMB      CAR ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -49.571366  -282.269233  -11.535610
-489.360911   -81.485092   -2097.173
 0.25000  -49.571366  -250.541720  -11.535610
-489.507539   -75.696129   -2108.526
 0.50000  -49.571366  -228.100569  -11.535610
-495.603711   -71.550494   -2119.789
 0.75000  -49.571366  -208.968631  -11.535610
-516.693111   -70.047850   -2131.156
 1.00000  -49.571366  -191.523418  -11.535610
-538.650648   -75.604685   -2142.488

 COMB  DESIGN ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    46.448530  441.816806    13.183085
605.008182   113.458020    4238.093
 0.25000    46.448530  464.167560    13.183085
608.304314   106.348304    4028.593
 0.50000    46.448530  488.050084    13.183085
611.600446   101.440590    3789.338
 0.75000    46.448530  512.966089    13.183085
614.896577   98.170591    3528.125
 1.00000    46.448530  538.386601    13.183085
618.192709   96.672148    3241.306

 COMB  DESIGN ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -49.571366  -282.269233  -11.535610
-489.360911   -81.485092   -2097.173
 0.25000  -49.571366  -250.541720  -11.535610
-489.507539   -75.696129   -2108.526
 0.50000  -49.571366  -228.100569  -11.535610
-495.603711   -71.550494   -2119.789
 0.75000  -49.571366  -208.968631  -11.535610
-516.693111   -70.047850   -2131.156
 1.00000  -49.571366  -191.523418  -11.535610
-538.650648   -75.604685   -2142.488
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              649

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

ELEM      31 ================== LENGTH
=    4.987564

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    18.444186  273.667655     8.000571
518.711234   43.522740    1786.613
 0.25000    18.444186  296.366605     8.000571
518.711234   35.776814    1688.209
 0.50000    18.444186  320.564895     8.000571
518.711234   29.054574    1561.127
 0.75000    18.444186  345.727990     8.000571
518.711234   23.231032    1402.875
 1.00000    18.444186  370.389929     8.000571
518.711234   18.368150    1214.203

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -18.282377  -167.101436   -0.374155
-73.300898   -35.708809  -743.727249
 0.25000  -18.282377  -142.942543   -0.374155
-73.300898   -38.431065  -808.870631
 0.50000  -18.282377  -118.959012   -0.374155
-73.300898   -41.160347  -874.411333
 0.75000  -18.282377   -96.555531   -0.374155
-73.300898   -43.919620  -940.055976
 1.00000  -18.282377   -76.144015   -0.374155
-73.300898   -46.679120   -1005.700

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    30.768543  424.814464    10.487130
630.274366   83.667918    2833.828
 0.25000    30.768543  453.307934    10.487130
630.274366   75.771693    2620.518
 0.50000    30.768543  483.611450    10.487130
630.274366   69.002485    2389.206
 0.75000    30.768543  515.093561    10.487130
630.274366   63.465283    2143.299
 1.00000    30.768543  546.759155    10.487130
630.274366   59.181712    1878.440

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -25.146071  -223.336698   -1.062628
-172.663822   -42.959371   -1289.819
 0.25000  -25.146071  -192.254422   -1.062628
-172.663822   -46.444285   -1390.827
 0.50000  -25.146071  -162.155315   -1.062628
-172.663822   -49.947523   -1492.266
 0.75000  -25.146071  -133.980767   -1.062628
-172.663822   -53.469969   -1593.850
 1.00000  -25.146071  -108.216525   -1.062628
-172.663822   -56.999440   -1695.435

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    27.212198  460.615470     9.354948
548.127796   71.436940    3129.867
 0.25000    27.212198  486.778645     9.354948
548.127796   64.120217    2859.515
 0.50000    27.212198  514.600836     9.354948
548.127796   57.959090    2574.116
 0.75000    27.212198  543.502284     9.354948
548.127796   53.115713    2280.239
 1.00000    27.212198  572.634296     9.354948
548.127796   49.671726    1977.225

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -24.618097  -221.110492   -1.952504
-313.480994   -39.584862   -1637.331
 0.25000  -24.618097  -192.510977   -1.952504
-313.480994   -42.034904   -1746.206
 0.50000  -24.618097  -164.872230   -1.952504
-313.480994   -45.060593   -1855.560
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              650

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000  -24.618097  -138.995830   -1.952504
-313.480994   -48.348216   -1965.095
 1.00000  -24.618097  -115.327948   -1.952504
-313.480994   -51.746188   -2074.630

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    28.108362  420.528620     8.137973
480.118927   65.827259    2895.665
 0.25000    28.108362  442.331265     8.137973
480.118927   60.751374    2629.025
 0.50000    28.108362  465.516425     8.137973
480.118927   56.678294    2351.901
 0.75000    28.108362  489.600965     8.137973
480.118927   53.763970    2070.156
 1.00000    28.108362  513.877642     8.137973
480.118927   52.100675    1793.326

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -27.405263  -197.390269   -4.691241
-414.384021   -59.617091   -1683.320
 0.25000  -27.405263  -173.557340   -4.691241
-414.384021   -60.325449   -1775.889
 0.50000  -27.405263  -150.525051   -4.691241
-414.384021   -61.962991   -1868.970
 0.75000  -27.405263  -128.961384   -4.691241
-414.384021   -64.112703   -1962.290
 1.00000  -27.405263  -109.238149   -4.691241
-414.384021   -66.595358   -2055.666

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    10.880354  136.743295     1.442491
74.868923   34.582544    992.310445
 0.25000    10.880354  136.755879     1.442491
74.826323   35.231556    851.595994
 0.50000    10.880354  136.769183     1.442491
74.789911   35.881046    734.332805
 0.75000    10.880354  136.782942     1.442491
74.755229   36.570211    646.447037
 1.00000    10.880354  136.798295     1.442491
74.722653   37.269399    581.701266

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.529332  -24.972349   -0.729019
-150.621505   -4.745325  -606.711995
 0.25000   -4.529332  -24.957118   -0.729019
-150.643425   -5.102337  -640.690883
 0.50000   -4.529332  -24.943841   -0.729019
-150.670400   -5.469421  -674.670183
 0.75000   -4.529332  -24.931253   -0.729019
-150.704877   -5.840533  -708.650667
 1.00000   -4.529332  -24.919636   -0.729019
-150.745030   -6.216279  -742.637853

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    11.510922  207.155159     1.585023
64.935513   29.042048    1513.229
 0.25000    11.510922  207.167743     1.585023
64.892897   29.798164    1298.801
 0.50000    11.510922  207.181049     1.585023
64.856473   30.761445    1108.261
 0.75000    11.510922  207.194809     1.585023
64.821779   32.050761  951.847455
 1.00000    11.510922  207.210163     1.585023
64.789191   33.753722  828.305578

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.247409  -43.343726   -3.008771
-340.538815   -19.544897   -1087.591
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              651

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000  -10.247409  -43.328543   -3.008771
-340.560743   -19.426383   -1134.540
 0.50000  -10.247409  -43.315215   -3.008771
-340.587778   -19.951433   -1181.619
 0.75000  -10.247409  -43.302625   -3.008771
-340.622267   -20.559477   -1228.837
 1.00000  -10.247409  -43.291008   -3.008771
-340.662434   -21.718097   -1276.056

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    22.295841  395.252008     6.678122
400.838250   61.141511    2714.664
 0.25000    22.295841  417.150742     6.678122
372.784250   57.406542    2464.477
 0.50000    22.295841  440.374573     6.678122
341.557420   54.654591    2202.795
 0.75000    22.295841  464.447940     6.678122
324.986428   53.207391    1935.734
 1.00000    22.295841  489.945779     6.678122
324.986428   52.805882    1662.287

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -21.821693  -188.788434   -2.949181
-347.281890   -37.211839   -1562.458
 0.25000   -21.821693  -163.667687   -2.949181
-347.281890   -39.317070   -1652.739
 0.50000   -21.821693  -140.504246   -2.949181
-347.281890   -41.573335   -1743.357
 0.75000   -21.821693  -118.726985   -2.949181
-347.281890   -43.832226   -1834.235
 1.00000   -21.821693   -98.706118   -2.949181
-353.856639   -46.207299   -1925.113

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    24.669462  359.543860     5.622534
365.474820   60.383617    2515.758
 0.25000    24.669462  377.782435     5.622534
342.123826   58.569531    2273.086
 0.50000    24.669462  397.124697     5.622534
316.130922   57.561320    2022.109
 0.75000    24.669462  417.174562     5.622534
302.437001   57.619421    1768.442
 1.00000    24.669462  438.409488     5.622534
302.437001   58.544787    1528.486

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -24.238112  -170.124059   -5.911984
-440.980002   -53.263707   -2102.090
 0.25000  -24.238112  -149.203271   -5.911984
-440.980002   -51.670116   -1675.778
 0.50000  -24.238112  -129.911406   -5.911984
-440.980002   -51.039984   -1749.878
 0.75000  -24.238112  -111.774129   -5.911984
-440.980002   -51.125598   -1824.213
 1.00000  -24.238112   -95.099781   -5.911984
-446.308160   -51.738651   -1898.804

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     9.768670  42.094857     0.186955
56.252008   19.777597  368.034952
 0.25000     9.768670  42.107156     0.186955
56.209315   21.799684  321.136178
 0.50000     9.768670  42.120467     0.186955
56.172832   23.867167  275.791530
 0.75000     9.768670  42.134233     0.186955
56.138079   25.956344  232.645415
 1.00000     9.768670  42.149597     0.186955
56.105432   28.068509  216.918371
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              652

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -10.232634  -19.487678   -5.658996
-229.449396   -30.859933  -443.927044
 0.25000   -10.232634  -19.472486   -5.658996
-229.471365   -25.706029  -439.221289
 0.50000   -10.232634  -19.459151   -5.658996
-229.498700   -21.072000  -434.610101
 0.75000   -10.232634  -19.446556   -5.658996
-229.533247   -16.959386  -430.373133
 1.00000   -10.232634  -19.434933   -5.658996
-229.573486   -13.442110  -426.297394

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    15.413945  97.392596     0.869961
76.018411   25.805371  781.065532
 0.25000    15.413945  97.405179     0.869961
75.975810   28.735280  673.587842
 0.50000    15.413945  97.418484     0.869961
75.939398   31.809471  571.868745
 0.75000    15.413945  97.432243     0.869961
75.904716   35.006827  476.571638
 1.00000    15.413945  97.447595     0.869961
75.872140   38.407567  416.890624

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -19.228075  -35.724848   -8.762471
-407.921264   -63.729699   -850.919640
 0.25000  -19.228075  -35.709666   -8.762471
-407.943184   -58.635343   -853.792628
 0.50000  -19.228075  -35.696340   -8.762471
-407.970159   -54.368876   -856.738833
 0.75000  -19.228075  -35.683752   -8.762471
-408.004636   -50.777029   -860.217760
 1.00000  -19.228075  -35.672136   -8.762471
-408.044789   -47.917270   -863.848648

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    15.440424  182.619161     0.762425
68.884270   29.718823    1406.465
 0.25000    15.440424  182.630487     0.762425
68.845916   32.249108    1211.484
 0.50000    15.440424  182.642462     0.762425
68.813134   34.988654    1030.208
 0.75000    15.440424  182.654846     0.762425
68.781910   38.013963  867.855792
 1.00000    15.440424  182.668665     0.762425
68.752581   41.402025  752.169058

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -17.199972  -50.561509   -8.115843
-505.608634   -47.126865   -1265.826
 0.25000  -17.199972  -50.547845   -8.115843
-505.628369   -42.032250   -1292.516
 0.50000  -17.199972  -50.535849   -8.115843
-505.652701   -37.657040   -1319.344
 0.75000  -17.199972  -50.525119   -8.115843
-505.683741   -33.902057   -1346.693
 1.00000  -17.199972  -50.514063   -8.115843
-505.719891   -30.819057   -1374.159

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    23.265733  308.293120     3.966308
309.623774   58.623840    2206.127
 0.25000    23.265733  321.121051     3.966308
275.358266   59.181664    1973.149
 0.50000    23.265733  334.704218     3.966308
252.573013   60.518525    1740.261
 0.75000    23.265733  348.767565     3.966308
228.461698   62.430441    1514.148
 1.00000    23.265733  364.069198     3.966308
211.582767   65.165236    1315.874
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              653

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -22.684009  -135.458177   -7.163221
-473.449501   -50.525806   -1582.754
 0.25000   -22.684009  -120.353813   -7.163221
-473.449501   -47.043418   -1588.747
 0.50000   -22.684009  -106.776251   -7.163221
-482.795701   -44.453796   -1646.956
 0.75000   -22.684009   -93.980663   -7.163221
-502.033329   -42.125571   -1705.671
 1.00000   -22.684009   -82.187418   -7.163221
-528.005422   -41.325015   -1764.483

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    23.759393  302.134812    10.629943
599.474487   46.142144    1686.521
 0.25000    23.759393  323.669581    10.629943
607.979575   38.982720    1562.925
 0.50000    23.759393  346.453968    10.629943
616.484662   32.837509    1457.863
 0.75000    23.759393  370.082745    10.629943
624.989749   28.131533    1344.594
 1.00000    23.759393  394.055341    10.629943
633.494837   25.014881    1225.573

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -40.550740  -154.248683   -0.773691
-139.462772   -53.012822   -926.985835
 0.25000   -40.550740  -137.296719   -0.773691
-139.462772   -58.488838   -997.176804
 0.50000   -40.550740  -120.975166   -0.773691
-139.462772   -64.727947   -1134.171
 0.75000   -40.550740  -105.763788   -0.773691
-139.462772   -71.813140   -1302.368
 1.00000   -40.550740   -92.035423   -0.773691
-139.462772   -79.785943   -1502.334

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    47.117394  485.282862    13.779683
738.338810   97.464036    2749.585
 0.25000    47.117394  511.312101    13.779683
741.635148   89.169775    2497.539
 0.50000    47.117394  538.911307    13.779683
744.931487   82.321236    2298.771
 0.75000    47.117394  567.553425    13.779683
748.227826   77.182838    2122.359
 1.00000    47.117394  596.696580    13.779683
751.524165   73.699570    1962.752

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -48.002584  -219.647341   -1.792840
-262.435347   -60.657470   -1612.981
 0.25000   -48.002584  -198.623731   -1.792840
-262.435347   -67.103743   -1701.340
 0.50000   -48.002584  -178.439790   -1.792840
-262.435347   -74.532830   -1905.568
 0.75000   -48.002584  -159.644401   -1.792840
-262.435347   -83.010004   -2165.616
 1.00000   -48.002584  -142.679312   -1.792840
-262.435347   -92.572857   -2479.358

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    43.091709  549.026945    12.438142
654.568351   85.687076    3239.878
 0.25000    43.091709  572.919857    12.438142
656.935743   78.628552    2913.205
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 0.50000    43.091709   598.259123    12.438142
659.303135   73.089602    2653.090
 0.75000    43.091709   624.561117    12.438142
661.670527   69.626948    2433.756
 1.00000    43.091709   651.322580    12.438142
664.037920   67.875654    2244.280
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        654

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -45.856795 -228.440292   -3.074529
-415.142899  -58.429298   -2082.969
 0.25000   -45.856795 -209.090974   -3.074529
-415.142899  -63.111396   -2155.572
 0.50000   -45.856795 -190.518439   -3.074529
-415.142899  -69.179804   -2353.176
 0.75000   -45.856795 -173.222830   -3.074529
-415.142899  -76.825410   -2632.521
 1.00000   -45.856795 -157.619921   -3.074529
-415.142899  -85.599854   -2978.862

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   42.825713   508.535270   10.760823
589.606893   81.460368   3131.755
 0.25000   42.825713   528.451099   10.760823
591.580222   77.161922   2893.173
 0.50000   42.825713   549.572529   10.760823
593.553552   74.342351   2546.803
 0.75000   42.825713   571.496438   10.760823
595.526881   73.505321   2334.235
 1.00000   42.825713   593.803334   10.760823
597.500210   74.390392   2154.387

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -50.005442 -211.322779   -6.282024
-535.663075  -77.563241   -2142.147
 0.25000  -50.005442 -195.194242   -6.282024
-535.663075  -79.338596   -2185.903
 0.50000  -50.005442 -179.713189   -6.282024
-535.663075  -82.566306   -2339.086
 0.75000  -50.005442 -165.296512   -6.282024
-535.663075  -87.468818   -2579.943
 1.00000  -50.005442 -152.290778   -6.282024
-535.663075  -93.703167   -2882.106

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   23.356979   176.468150    1.857618
 70.552001   47.631675    1076.172
 0.25000   23.356979   176.475764    1.857618
 70.532180   47.507257   928.534687
 0.50000   23.356979   176.483922    1.857618
 70.513249   47.616557   819.835809
 0.75000   23.356979   176.492471    1.857618
 70.495600   47.929046   750.491965
 1.00000   23.356979   176.501266    1.857618
 70.479575   48.326446   712.413882

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.218417   -43.633937   -1.081558
-164.011400   -5.564696  -760.771758
 0.25000   -6.218417   -43.626975   -1.081558
-164.025056   -5.874685  -769.176468
 0.50000   -6.218417   -43.620357   -1.081558
-164.040301   -6.418529  -824.190688
 0.75000   -6.218417   -43.614217   -1.081558
-164.056750   -7.150024  -909.435468
 1.00000   -6.218417   -43.608700   -1.081558
-164.073997   -7.989999   -1018.123

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   22.676539   278.526771    2.013744
 72.387992   40.257252    1805.022
 0.25000   22.676539   278.534384    2.013744
 72.368170   41.027771    1561.745
 0.50000   22.676539   278.542422    2.013744
 72.349239   42.273869    1373.583
 0.75000   22.676539   278.551092    2.013744
 72.331591   44.326995    1248.021
 1.00000   22.676539   278.559886    2.013744
 72.315565   46.845443    1167.461
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        655

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.100693   -73.906009   -3.771811
-386.079597  -23.238290   -1394.690
 0.25000  -15.100693   -73.899047   -3.771811
-386.093252  -22.078068   -1390.203
 0.50000  -15.100693   -73.892429   -3.771811
-386.108497  -21.571655   -1446.972
 0.75000  -15.100693   -73.886289   -3.771811
-386.124946  -22.003130   -1565.542
 1.00000  -15.100693   -73.880772   -3.771811
-386.142193  -22.786268   -1724.111

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   38.172442   479.165383    8.662629
491.570308   76.470043   2912.499
 0.25000   38.172442   499.726259    8.662629
456.890940   72.694093   2610.864
 0.50000   38.172442   521.642775    8.662629
421.237044   70.113634   2366.967
 0.75000   38.172442   544.506380    8.662629
396.527598   68.988411   2163.406
 1.00000   38.172442   567.882353    8.662629
388.149872   69.238959   1987.589

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -34.604487 -203.372340   -4.005373
-432.769475  -47.541023   -1985.022
 0.25000  -34.604487 -185.659309   -4.005373
-432.767906  -49.781680   -2087.652
 0.50000  -34.604487 -168.739195   -4.005373
-432.772438  -53.055081   -2232.001
 0.75000  -34.604487 -153.007450   -4.005373
-440.679996  -57.439400   -2451.654
 1.00000  -34.604487 -138.839569   -4.005373
-466.743162  -62.791535   -2803.126

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   40.775882   442.617322    7.441953
469.815386   77.805238   2840.256
 0.25000   40.775882   459.740646    7.441953
440.934026   76.865631   2545.053
 0.50000   40.775882   477.992962    7.441953
411.241068   77.147025   2301.015
 0.75000   40.775882   497.034025    7.441953
390.662769   78.944742   2106.571
 1.00000   40.775882   516.501793    7.441953
383.685707   82.210514   1943.036

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -37.532989 -191.467267   -7.849545
-554.723130  -62.491733   -2052.125
 0.25000  -37.532989 -176.715659   -7.849545
-554.721823  -61.095021   -2116.570
 0.50000  -37.532989 -162.624401   -7.849545
-554.725597  -61.040858   -2218.964
 0.75000  -37.532989 -149.522830   -7.849545
-561.311099  -62.607557   -2404.312
 1.00000  -37.532989 -137.723663   -7.849545
-583.016791  -65.363637   -2703.757

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.822481   60.651124    0.376578
106.534328   30.094544   614.626576
 0.25000   17.822481   60.658734    0.376578
106.514557   33.825111   553.384609
 0.50000   17.822481   60.666888    0.376578
106.495674   38.040887   496.173118
 0.75000   17.822481   60.675433    0.376578
106.478071   42.864090   462.635601
 1.00000   17.822481   60.684224    0.376578
106.462086   48.304647   441.486607
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        656

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.802768   -35.198628   -7.599841
-294.784111  -32.217239  -598.580310
 0.25000  -12.802768   -35.191672   -7.599841
-294.797712  -26.847927  -563.517188
 0.50000  -12.802768   -35.185059   -7.599841
-294.812900  -22.156583  -532.774370
 0.75000  -12.802768   -35.178925   -7.599841
-294.829287  -18.296748  -531.030118
 1.00000  -12.802768   -35.173412   -7.599841
-294.846471  -15.322346  -537.344203

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   23.739844   138.482904    1.050211
141.778790   39.668127   1203.169
 0.25000   23.739844   138.490516    1.050211
141.758597   44.663629   1067.753
 0.50000   23.739844   138.498671    1.050211
141.740094   50.374243   946.215740
 0.75000   23.739844   138.507218    1.050211
141.722471   56.971248   869.054463
 1.00000   23.739844   138.516010    1.050211
141.706469   64.577223   815.166721

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -28.029593   -61.295944  -11.221055
-516.521670  -69.669282   -2148.490
 0.25000  -28.029593   -61.288985  -11.221055
-516.535294  -62.834360   -1103.256
 0.50000  -28.029593   -61.282370  -11.221055
-516.550506  -56.933562   -1069.751
 0.75000  -28.029593   -61.276233  -11.221055
-516.566920  -52.125536   -1088.088
 1.00000  -28.029593   -61.270719  -11.221055
-516.584131  -48.539414   -1124.030

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   28.629886   254.432234    1.140716
129.440495   46.663393   1919.220
 0.25000   28.629886   254.514438    1.140716
129.226735   51.349503   1684.139
 0.50000   28.629886   254.602520    1.140716
129.022575   56.812219   1487.895
 0.75000   28.629886   254.694827    1.140716
128.832248   63.421116   1355.968
 1.00000   28.629886   254.789775    1.140716
128.659430   70.973299   1265.683

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -24.149654   -86.024207  -10.589739
-607.801225  -52.872739   -1651.841
 0.25000  -24.149654   -85.949048  -10.589739
-607.948367  -46.542220   -1606.824
 0.50000  -24.149654   -85.877611  -10.589739
-608.112659  -41.145314   -1605.758
 0.75000  -24.149654   -85.811333  -10.589739
-608.289929  -37.050726   -1682.933
 1.00000  -24.149654   -85.751772  -10.589739
-608.475809  -34.000852   -1796.702

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   42.994915   388.656881    5.237206
392.854510   80.595086   2601.614
 0.25000   42.994915   400.915584    5.237206
365.176068   82.209622   2321.030
 0.50000   42.994915   414.017908    5.237206
338.651399   84.894290   2068.891
 0.75000   42.994915   427.719803    5.237206
313.904570   89.181418   1913.854
 1.00000   42.994915   441.776722    5.237206
291.548015   94.604283   1774.495
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        657

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -32.502373  -165.383093   -9.568740
-585.785281  -58.044439   -2035.930
 0.25000  -32.502373  -154.474934   -9.568740
-591.324135  -54.479112   -2033.204
 0.50000  -32.502373  -144.079289   -9.568740
-610.778675  -52.007055   -2103.332
 0.75000  -32.502373  -134.430920   -9.568740
-631.907349  -50.911215   -2256.472
 1.00000  -32.502373  -125.748394   -9.568740
-654.053163  -50.980063   -2467.320

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   30.768543   460.615470   10.487130
630.274366   83.667918   3129.867
 0.25000   30.768543   486.778645   10.487130
630.274366   75.771693   2859.515
 0.50000   30.768543   514.600836   10.487130
630.274366   69.002485   2574.116
 0.75000   30.768543   543.502284   10.487130
630.274366   63.465283   2260.239
 1.00000   30.768543   572.634296   10.487130
630.274366   65.165236   1977.225

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -27.405263  -223.336328   -8.762471
-505.608634  -63.729699   -1683.320
 0.25000  -27.405263  -192.510977   -8.762471
-505.628369  -60.325449   -1775.889
 0.50000  -27.405263  -164.872230   -8.762471
-505.652701  -61.962991   -1868.970
 0.75000  -27.405263  -138.995830   -8.762471
-505.683741  -64.112703   -1965.095
 1.00000  -27.405263  -115.327948   -8.762471
-528.005422  -66.595358   -2074.630

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   47.117394   549.026945   13.779683
738.338810   97.464036   3239.878
 0.25000   47.117394   572.919857   13.779683
741.635148   89.169775   2913.205
 0.50000   47.117394   598.259123   13.779683
744.931487   84.894290   2653.090
 0.75000   47.117394   624.561117   13.779683
748.227826   89.181418   2433.756
 1.00000   47.117394   651.322580   13.779683
751.524165   94.604283   2244.280

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -50.005442  -228.440292   -11.221055
-607.801225  -77.563241   -2142.147
 0.25000  -50.005442  -209.090974   -11.221055
-607.948367  -79.338596   -2185.903
 0.50000  -50.005442  -190.518439   -11.221055
-610.778675  -82.566306   -2353.176
 0.75000  -50.005442  -173.222830   -11.221055
-631.907349  -87.468818   -2632.521
 1.00000  -50.005442  -157.619921   -11.221055
-654.053163  -93.703167   -2978.862

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   47.117394   549.026945   13.779683
738.338810   97.464036   3239.878
 0.25000   47.117394   572.919857   13.779683
741.635148   89.169775   2913.205
 0.50000   47.117394   598.259123   13.779683
744.931487   84.894290   2653.090
 0.75000   47.117394   624.561117   13.779683
748.227826   89.181418   2433.756
 1.00000   47.117394   651.322580   13.779683
751.524165   94.604283   2244.280
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        658

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -50.005442  -228.440292   -11.221055
-607.801225  -77.563241   -2142.147
 0.25000  -50.005442  -209.090974   -11.221055
-607.948367  -79.338596   -2185.903
 0.50000  -50.005442  -190.518439   -11.221055
-610.778675  -82.566306   -2353.176
 0.75000  -50.005442  -173.222830   -11.221055
-631.907349  -87.468818   -2632.521
 1.00000  -50.005442  -157.619921   -11.221055
-654.053163  -93.703167   -2978.862

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   47.117394   549.026945   13.779683
738.338810   97.464036   3239.878
 0.25000   47.117394   572.919857   13.779683
741.635148   89.169775   2913.205
 0.50000   47.117394   598.259123   13.779683
744.931487   84.894290   2653.090
 0.75000   47.117394   624.561117   13.779683
748.227826   89.181418   2433.756
 1.00000   47.117394   651.322580   13.779683
751.524165   94.604283   2244.280

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -50.005442  -228.440292   -11.221055
-607.801225  -77.563241   -2142.147
 0.25000  -50.005442  -209.090974   -11.221055
-607.948367  -79.338596   -2185.903
 0.50000  -50.005442  -190.518439   -11.221055
-610.778675  -82.566306   -2353.176
 0.75000  -50.005442  -173.222830   -11.221055
-631.907349  -87.468818   -2632.521
 1.00000  -50.005442  -157.619921   -11.221055
-654.053163  -93.703167   -2978.862

 ELEM      32 ================== LENGTH
=     4.988003

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.919555   336.102335    3.642369
535.821971   18.920038   1212.471
 0.25000   18.919555   359.417023    3.642369
535.821971   16.079293   1033.644
 0.50000   18.919555   384.061793    3.642369
535.821971   14.304786   826.911849
 0.75000   18.919555   409.566588    3.642369
535.821971   14.123956   592.575812
 1.00000   18.919555   434.365400    3.642369
535.821971   15.939150   379.950356

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.408521  -103.719301   -5.339300
-173.018362  -47.743925   -1005.056
 0.25000  -18.408521  -81.558413   -5.339300
-173.018362  -39.969879   -1104.443
 0.50000  -18.408521  -59.586623   -5.339300
-173.018362  -39.969131   -1204.262
 0.75000  -18.408521  -39.218386   -5.339300
-173.018362  -36.282893   -1304.446
 1.00000  -18.408521  -26.670864   -5.339300
-173.018362  -32.905047   -1405.223

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   31.293710   510.756719   17.212440
615.702817   60.038623   1876.842
 0.25000   31.293710   539.916761   17.212440
615.702817   40.261780   1557.087
 0.50000   31.293710   570.694914   17.212440
615.702817   21.479728   1224.991
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        659

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   31.293710   602.452614   17.212440
615.702817   15.571415   901.878156
 1.00000   31.293710   634.192195   17.212440
615.702817   12.888930   637.733822

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.151008 -147.481275   -3.127977
-307.066721  -58.081535   -1694.628
 0.25000  -25.151008 -118.719206   -3.127977
-307.066721  -56.496003   -1835.234
 0.50000  -25.151008  -90.955886   -3.127977
-307.066721  -55.694717   -1976.519
 0.75000  -25.151008  -65.155127   -3.127977
-307.066721  -56.392265   -2117.900
 1.00000  -25.151008  -47.075377   -3.127977
-307.066721  -66.222073   -2260.109

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   27.996090   543.921159   12.812323
581.892627   49.343946   1276.448
 0.25000   27.996090   570.686763   12.812323
581.892627   34.941253   1609.456
 0.50000   27.996090   598.938276   12.812323
581.892627   21.301796   1308.397
 0.75000   27.996090   628.083528   12.812323
581.892627   16.718344   1032.708
 1.00000   27.996090   657.275847   12.812323
581.892627   13.945168   800.845832

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -24.977803  -152.685892   -2.765534
-445.324511  -53.450317   -2074.001
 0.25000  -24.977803  -126.189711   -2.765534
-445.324511  -51.815281   -2208.962
 0.50000  -24.977803  -100.681216   -2.765534
-445.324511  -50.587364   -2344.884
 0.75000  -24.977803  -76.971184   -2.765534
-445.324511  -50.166886   -2480.884
 1.00000  -24.977803  -60.253322   -2.765534
-445.324511  -55.880374   -2617.632

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   29.167318   489.612150   10.937049
543.853110   52.113492   1792.943
 0.25000   29.167318   511.918487   10.937049
543.853110   40.811547   1490.986
 0.50000   29.167318   535.459747   10.937049
543.853110   30.787729   1243.246
 0.75000   29.167318   559.747457   10.937049
543.853110   29.330769   1017.168
 1.00000   29.167318   584.074390   10.937049
543.853110   31.341727   827.516797

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -27.935003 -140.674942   -9.461883
-531.397332  -68.644692   -2055.377
 0.25000  -27.935003 -118.594791   -9.461883
-531.397332  -58.670583   -2157.351
 0.50000  -27.935003  -97.337712   -9.461883
-531.397332  -49.258011   -2260.544
 0.75000  -27.935003  -77.579352   -9.461883
-531.397332  -42.515870   -2364.319
 1.00000  -27.935003  -63.647800   -9.461883
-531.397332  -47.366726   -2468.966

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.883615   155.035209   13.046171
 50.613223   37.420184   582.119139
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                        660

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   10.883615   155.047899   13.046171
 50.568612   21.356861   424.687698
 0.50000   10.883615   155.061203   13.046171
 50.529506    5.643776   316.102766
 0.75000   10.883615   155.074855   13.046171
 50.497361    4.460337   281.538098
 1.00000   10.883615   155.090051   13.046171
 50.480674    4.505475   281.060449

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.268566  -22.318687   -0.231715
-181.794376   -6.051873  -742.575357
 0.25000   -4.268566  -22.303864   -0.231715
-181.806970   -8.100072   -775.446642
 0.50000   -4.268566  -22.291212   -0.231715
-181.840269  -11.045638  -808.393045
 0.75000   -4.268566  -22.279343   -0.231715
-181.876739  -15.536692  -841.458738
 1.00000   -4.268566  -22.268641   -0.231715
-181.918949  -28.682866  -874.616249

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.034101   228.009252    9.099975
 97.017836   32.376542   829.583159
 0.25000   12.034101   228.021942    9.099975
 96.967209   21.683125   625.170906
 0.50000   12.034101   228.035247    9.099975
 96.928091   11.968422   531.030103
 0.75000   12.034101   228.048900    9.099975
 96.895866   12.930999   506.285498
 1.00000   12.034101   228.064098    9.099975
 96.879140   17.250993   513.271171

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.504179  -40.480548   -5.395695
-379.583227  -22.722493   -1276.176
 0.25000  -10.504179  -40.465738   -5.395695
-379.595903  -18.171902   -1308.240
 0.50000  -10.504179  -40.453084   -5.395695
-379.629268  -14.362586   -1340.875
 0.75000  -10.504179  -40.441214   -5.395695
-379.665749  -13.256917   -1373.768
 1.00000  -10.504179  -40.430510   -5.395695
-379.707974  -22.975277   -1406.824

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   23.049727   456.820424   13.888882
428.439933   52.017695   1662.617
 0.25000   23.049727   479.071583   13.888882
395.900795   35.786593   1366.711
 0.50000   23.049727   502.481983   13.888882
370.673555   20.462642   1137.749
 0.75000   23.049727   526.573190   13.888882
370.673555   16.024507   937.531878
 1.00000   23.049727   551.967841   13.888882
370.673555   19.779391   760.244933

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.124980 -141.974422   -5.448657
```

```
-442.491671   -47.625334    -1924.804
 0.25000    -22.124980  -118.068845    -5.448657
-442.491671   -43.548376    -2022.885
 0.50000    -22.124980   -96.399481    -5.448657
-442.491671   -40.192534    -2121.661
 0.75000    -22.124980   -76.110282    -5.448657
-442.491671   -39.315188    -2220.855
 1.00000    -22.124980   -59.826936    -5.448657
-444.821219   -47.047785    -2320.197
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                661

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    25.722200   410.161775    11.961758
425.093964   58.850297    1528.744
 0.25000    25.722200   428.694035    11.961758
398.008298   45.747869    1284.171
 0.50000    25.722200   448.191867    11.961758
377.111260   33.419066    1096.544
 0.75000    25.722200   468.256790    11.961758
377.111260   30.165873   932.486276
 1.00000    25.722200   489.405941    11.961758
377.111260   33.530590   787.649028

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -24.880351  -132.483845    -8.208220
-527.955208   -53.711357    -1898.827
 0.25000   -24.880351  -112.575711    -8.208220
-527.955208   -45.846637    -1966.771
 0.50000   -24.880351   -94.528513    -8.208220
-527.955208   -38.630567    -2035.756
 0.75000   -24.880351   -77.680840    -8.208220
-527.955208   -33.715607    -2105.605
 1.00000   -24.880351   -64.071654    -8.208220
-529.740773   -39.766557    -2175.923

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    10.426236    40.983977    1.443355
111.080579   29.435297   216.988862
 0.25000    10.426236    40.996672    1.443355
111.035879   28.578733   219.642519
 0.50000    10.426236    41.009982    1.443355
110.996702   27.740846   223.329022
 0.75000    10.426236    41.023840    1.443355
110.964072   27.052710   227.022757
 1.00000    10.426236    41.038847    1.443355
110.947149   26.625084   230.752229

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -10.808691   -22.956443    -4.529317
-241.649584   -14.688738   -426.754889
 0.25000   -10.808691   -22.941607    -4.529317
-241.662673   -10.190527   -403.846282
 0.50000   -10.808691   -22.928947    -4.529317
-241.696366    -6.395778   -381.725621
 0.75000   -10.808691   -22.917071    -4.529317
-241.732904    -3.864688   -360.165171
 1.00000   -10.808691   -22.906362    -4.529317
-241.775201    -3.062958   -339.466375

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.498340    97.363791    1.473699
168.722468   39.305017   417.604985
 0.25000    16.498340    97.376480    1.473699
168.677856   38.783132   408.173768
 0.50000    16.498340    97.389784    1.473699
168.638750   38.961662   414.619585
 0.75000    16.498340    97.403436    1.473699
168.606605   42.050418   421.841810
 1.00000    16.498340    97.418632    1.473699
168.589919   50.426975   430.371947

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.889634   -38.724110   -14.925765
-428.561520   -43.709969   -864.117604
 0.25000   -19.889634   -38.709288   -14.925765
-428.574114   -32.479639   -835.634398
 0.50000   -19.889634   -38.696635   -14.925765
-428.607413   -16.390824   -807.872318
 0.75000   -19.889634   -38.684767   -14.925765
-428.643883    -4.616566   -781.226430
 1.00000   -19.889634   -38.674107   -14.925765
-428.686093    13.478727   -755.738368
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                662

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.587792   193.260629    3.413678
174.509686   41.496983   753.305235
 0.25000    16.587792   193.272050    3.413678
174.469523   38.582489   627.622594
 0.50000    16.587792   193.284024    3.413678
174.434316   36.428326   591.788461
 0.75000    16.587792   193.296312    3.413678
174.405313   37.798650   605.420408
 1.00000    16.587792   193.309990    3.413678
174.390260   41.178399   621.133335

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -18.092574   -53.337738    -9.523877
-542.225195   -32.719554    -1374.777
 0.25000   -18.092574   -53.324396    -9.523877
-542.236604   -33.176841    -1367.726
 0.50000   -18.092574   -53.313008    -9.523877
-542.266633   -14.491635    -1361.909
 0.75000   -18.092574   -53.302325    -9.523877
-542.299466    -8.578356    -1357.001
 1.00000   -18.092574   -53.292691    -9.523877
-542.337468    -9.465290    -1353.095

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    24.344876   345.214240    13.471758
362.401913   65.645996   1316.556
 0.25000    24.344876   358.198198    13.471758
338.280906   50.841846   1106.396
 0.50000    24.344876   371.834447    13.471758
312.968646   37.270833   960.587591
 0.75000    24.344876   385.847066    13.471758
290.394817   35.020737   847.311124
 1.00000    24.344876   401.037172    13.471758
290.394817   37.727467   752.263845

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -23.405101  -113.374774    -8.069332
-542.043465   -43.350919    -1764.750
 0.25000   -23.405101   -98.805411    -8.069332
-542.043465   -36.490698    -1806.061
 0.50000   -23.405101   -86.007127    -8.069332
-542.043465   -30.749449    -1848.409
 0.75000   -23.405101   -74.028921    -8.069332
-566.101661   -27.927848    -1891.649
 1.00000   -23.405101   -63.685536    -8.069332
-590.556346   -34.984167    -1935.738

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    24.336371   402.910911    3.642267
662.543179   25.644336    1224.521
 0.25000    24.336371   426.865673    3.642267
671.049014   23.016865    1133.419
 0.50000    24.336371   452.032930    3.642267
679.554849   20.898582    1040.206
 0.75000    24.336371   477.970994    3.642267
688.060684   20.316987   948.475111
 1.00000    24.336371   504.207602    3.642267
696.566519   21.274524   863.601820

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -40.700096  -114.806351    -6.921967
-262.155285   -81.240794    -1503.344
 0.25000   -40.700096  -100.120325    -6.921967
-262.155285   -74.909886    -1788.664
 0.50000   -40.700096   -86.118223    -6.921967
-262.155285   -69.037626    -2109.661
 0.75000   -40.700096   -73.281362    -6.921967
-262.155285   -63.937129    -2469.973
 1.00000   -40.700096   -61.966831    -6.921967
-262.155285   -59.552817    -2874.200
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                663

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    47.667806   623.417263   21.414007
781.996059   74.618284    1961.753
 0.25000    47.667806   652.180370   21.414007
785.292688   52.578544    1790.491
 0.50000    47.667806   682.428517   21.414007
788.589317   33.254188    1636.455
 0.75000    47.667806   713.647686   21.414007
791.885945   27.197976    1518.206
 1.00000    47.667806   745.275520   21.414007
795.182642   25.478572    1430.528

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -48.001898  -168.756936    -4.997013
-422.978433   -94.267747    -2480.396
 0.25000   -48.001898  -150.307042    -4.997013
-422.978433   -93.062220    -2906.871
 0.50000   -48.001898  -132.741847    -4.997013
-422.978433   -94.370236    -3392.023
 0.75000   -48.001898  -116.642799    -4.997013
-422.978433   -97.228474    -3943.267
 1.00000   -48.001898  -102.447083    -4.997013
-422.978433  -120.792991    -4553.535

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    43.722674   676.701423   16.688918
737.244374   68.090200    2244.021
 0.25000    43.722674   703.079881   16.688918
739.611975   51.837638    2045.048
 0.50000    43.722674   730.828589   16.688918
741.979575   37.618198    1889.353
 0.75000    43.722674   759.475531   16.688918
744.347175   32.108696    1788.361
 1.00000    43.722674   788.508751   16.688918
746.714825   29.739233    1723.555

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -45.879748  -185.489829    -5.373608
-580.086845   -87.552269    -2979.596
 0.25000   -45.879748  -168.494758    -5.373608
-580.086845   -85.878197    -3426.657
 0.50000   -45.879748  -152.310078    -5.373608
-580.086845   -86.017237    -3942.979
 0.75000   -45.879748  -137.476914    -5.373608
-580.086845   -91.151106    -4531.222
 1.00000   -45.879748  -124.396385    -5.373608
-580.086845  -101.620994    -5195.280

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    43.910713   611.828087   14.299407
699.534493   74.671671    2154.795
 0.25000    43.910713   633.815731   14.299407
701.507996   63.177270    1977.621
 0.50000    43.910713   656.945541   14.299407
703.481498   54.560379    1843.807
 0.75000    43.910713   680.824071   14.299407
705.455001   55.732201    1762.557
 1.00000    43.910713   705.024580   14.299407
707.428544   62.855880    1717.542

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -50.424907  -182.093029   -13.373547
-683.316244   -95.818017    -2882.855
 0.25000   -50.424907  -167.926864   -13.373547
-683.316244   -85.515662    -3259.921
 0.50000   -50.424907  -154.436197   -13.373547
-683.316244   -77.965017    -3704.125
 0.75000   -50.424907  -142.072080   -13.373547
-683.316244   -77.108996    -4216.680
 1.00000   -50.424907  -131.168865   -13.373547
-683.316244   -85.941414    -4799.587
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                664

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    23.244005   204.180707   18.196115
58.782937   48.357423   712.790671
 0.25000    23.244005   204.188807   18.196115
58.762959   28.773291   625.026288
 0.50000    23.244005   204.197411   18.196115
58.743996   11.519298   562.564675
 0.75000    23.244005   204.206362   18.196115
58.726457    8.290909   554.099448
 1.00000    23.244005   204.215517   18.196115
58.710686    8.575269   571.922774

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.941667   -39.676454    -0.326378
-196.805220   -7.961327    -1017.997
 0.25000   -5.941667   -39.669951    -0.326378
-196.820077   -11.490294    -1144.642
 0.50000   -5.941667   -39.663828    -0.326378
-196.836496   -17.409736    -1295.172
 0.75000   -5.941667   -39.658221    -0.326378
-196.854095   -32.188225    -1468.922
 1.00000   -5.941667   -39.653257    -0.326378
-196.872511   -53.875754    -1665.939

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    22.978551   303.363590   12.909767
118.336880   46.078543    1168.660
 0.25000    22.978551   303.371689   12.909767
118.316902   34.512847    1044.367
 0.50000    22.978551   303.380294   12.909767
118.297939   25.477146   975.992658
 0.75000    22.978551   303.389245   12.909767
118.280400   26.670711   973.821950
 1.00000    22.978551   303.398399   12.909767
118.264629   32.940763    1008.198

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -15.084133   -74.333236    -6.805804
-437.003733   -23.461764    -1733.829
 0.25000   -15.084133   -74.326733    -6.805804
-437.018590   -20.109468    -1894.698
 0.50000   -15.084133   -74.320610    -6.805804
-437.035099   -19.397266    -2104.779
 0.75000   -15.084133   -74.315004    -6.805804
-437.052608   -25.436114    -2353.357
 1.00000   -15.084133   -74.310040    -6.805804
-437.071024   -39.745264    -2637.776

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    38.751659   569.223189   18.708240
547.415493   69.012718    1988.075
 0.25000    38.751659   591.506522   18.708240
511.032324   52.169127    1827.540
 0.50000    38.751659   615.069090   18.708240
476.517451   38.165992    1706.085
 0.75000    38.751659   639.477344   18.708240
467.156555   33.796269    1634.168
 1.00000    38.751659   664.328347   18.708240
460.298892   38.796777    1590.523

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -34.649057  -176.740253    -6.794814
-550.562565   -64.233098    -2803.053
 0.25000   -34.649057  -160.634640    -6.794814
-550.571261   -62.608306    -3149.788
 0.50000   -34.649057  -145.425166    -6.794814
-550.925132   -63.953884    -3553.581
 0.75000   -34.649057  -131.469011    -6.794814
-553.563366   -72.078746    -4026.988
 1.00000   -34.649057  -119.148704    -6.794814
-580.545639   -89.320032    -4547.408
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                665

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    41.853386   515.763918   16.054836
559.910084   82.507182    1944.050
 0.25000    41.853386   534.321724   16.054836
529.609780   69.780923    1800.174
 0.50000    41.853386   553.944890   16.054836
500.865413   59.811262    1694.596
 0.75000    41.853386   574.272353   16.054836
493.069638   58.363713    1636.118
 1.00000    41.853386   594.968542   16.054836
487.358418   65.757492    1606.772

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -38.078046  -176.849738   -10.429520
-665.691292   -67.215912    -2703.974
 0.25000   -38.078046  -163.436806   -10.429520
-665.698535   -61.465834    -2987.629
 0.50000   -38.078046  -150.770189   -10.429520
-665.993242   -58.549837    -3327.134
 0.75000   -38.078046  -139.144850   -10.429520
-666.000393   -61.692159    -3705.703
 1.00000   -38.078046  -128.886861   -10.429520
-690.661528   -75.118163    -4184.006

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    18.691428   58.547115    2.312140
172.177913   48.994213   442.452576
 0.25000    18.691428   58.555212    2.312140
172.157985   47.846697   428.066788
 0.50000    18.691428   58.563813    2.312140
172.139069   47.204971   421.079665
 0.75000    18.691428   58.572761    2.312140
172.121578   47.302072   422.115713
 1.00000    18.691428   58.581912    2.312140
172.105841   48.230714   430.809570

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -13.552611   -46.658051    -4.962192
-316.080035   -16.225765   -537.843805
 0.25000   -13.552611   -46.651555    -4.962192
-316.094836   -11.786870   -525.692540
 0.50000   -13.552611   -46.645439    -4.962192
-316.111195    -8.110343   -520.888400
 0.75000   -13.552611   -46.639838    -4.962192
-316.128733    -5.619482   -529.150534
 1.00000   -13.552611   -46.634880    -4.962192
-316.147085    -4.557777   -546.915262

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    25.237989   133.023277    2.253372
252.945059   64.963187   816.915888
 0.25000    25.237989   133.031375    2.253372
252.925109   66.195483   780.359626
 0.50000    25.237989   133.039977    2.253372
252.906173   69.558295   767.464403
 0.75000    25.237989   133.048927    2.253372
252.888658   78.073339   773.016588
 1.00000    25.237989   133.058079    2.253372
252.872910   93.157150   794.993346

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -29.138374   -78.786484    -17.740902
-549.800334   -49.908042    -1124.545
 0.25000   -29.138374   -78.779985    -17.740902
-549.815159   -31.879345    -1133.380
 0.50000   -29.138374   -78.773865    -17.740902
-549.831544   -16.714363    -1161.158
 0.75000   -29.138374   -78.768262    -17.740902
-549.849108    -7.121594    -1213.910
 1.00000   -29.138374   -78.763224    -17.740902
-549.867488    -5.604498    -1285.878
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                666

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    29.843848   262.830790    6.408188
247.479202   70.658844    1267.715
 0.25000    29.843848   262.918248    6.408188
247.263746   67.427265    1174.225
 0.50000    29.843848   263.011155    6.408188
247.059238   66.440014    1126.298
 0.75000    29.843848   263.107808    6.408188
246.870081   70.091706    1132.593
 1.00000    29.843848   263.206650    6.408188
246.699998   78.781400    1167.556

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -24.990663  -102.320914   -12.058124
-662.036114   -34.831960    -1796.937
 0.25000   -24.990663  -102.250724   -12.058124
-662.196223   -24.946856    -1894.784
 0.50000   -24.990663  -102.184636   -12.058124
-662.373180   -17.610997    -2029.325
 0.75000   -24.990663  -102.124123   -12.058124
-662.562870   -14.651483    -2205.135
 1.00000   -24.990663  -102.070547   -12.058124
-662.761370   -17.957260    -2415.112

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    44.104689   440.312093   18.549554
482.095723   94.754626    1775.968
 0.25000    44.104689   453.463387   18.549554
454.059843   79.185009    1647.959
 0.50000    44.104689   467.403403   18.549554
427.389602   67.070322    1559.095
 0.75000    44.104689   481.877540   18.549554
402.644715   65.936954    1520.391
 1.00000    44.104689   496.649462   18.549554
387.271732   72.992401    1511.395

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -33.162190  -161.755897   -10.197812
-675.268017   -52.155338    -2467.579
 0.25000   -33.162190  -151.691647   -10.197812
-678.144077   -46.990121    -2688.810
 0.50000   -33.162190  -142.192380   -10.197812
-699.384062   -45.505100    -2975.166
 0.75000   -33.162190  -133.487855   -10.197812
-722.322265   -52.042531    -3300.564
 1.00000   -33.162190  -125.798337   -10.197812
-746.357559   -68.431601    -3676.321

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    31.293710   543.921180   17.212440
615.702817   65.645996    1976.448
 0.25000    31.293710   570.688763   17.212440
615.702817   50.841846    1609.456
 0.50000    31.293710   598.938276   17.212440
615.702817   38.961662    1308.397
 0.75000    31.293710   628.083528   17.212440
615.702817   42.050418    1206.718
 1.00000    31.293710   657.275847   17.212440
615.702817   50.426975   827.516797

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -27.935003  -152.685892   -14.925765
-542.225195   -68.644692    -2074.001
 0.25000   -27.935003  -126.189711   -14.925765
-542.236604   -58.670583    -2208.962
 0.50000   -27.935003  -100.681216   -14.925765
-542.266633   -55.694717    -2344.884
 0.75000   -27.935003   -77.658040   -14.925765
-566.101661   -56.392265    -2480.884
 1.00000   -27.935003   -64.071654   -14.925765
-590.556346   -66.222073    -2617.632
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                667

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    47.667806   676.701423   21.414007
781.996059   94.754626    2244.021
 0.25000    47.667806   703.079881   21.414007
785.292688   79.185009    2045.048
 0.50000    47.667806   730.828589   21.414007
788.589317   69.558295    1889.353
 0.75000    47.667806   759.475531   21.414007
791.885945   78.073339    1788.361
 1.00000    47.667806   788.508751   21.414007
795.182642   93.157150    1723.555

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -50.424907  -185.489829   -17.740902
-683.316244   -95.818017    -2979.596
 0.25000   -50.424907  -168.494758   -17.740902
-683.316244   -93.062220    -3426.657
 0.50000   -50.424907  -154.436197   -17.740902
-699.384062   -94.370236    -3942.979
 0.75000   -50.424907  -142.072080   -17.740902
-722.322265  -103.726474    -4531.222
 1.00000   -50.424907  -131.168865   -17.740902
-746.357559  -120.792991    -5195.280

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    47.667806   676.701423   21.414007
781.996059   94.754626    2244.021
 0.25000    47.667806   703.079881   21.414007
785.292688   79.185009    2045.048
 0.50000    47.667806   730.828589   21.414007
788.589317   69.558295    1889.353
 0.75000    47.667806   759.475531   21.414007
791.885945   78.073339    1788.361
 1.00000    47.667806   788.508751   21.414007
795.182642   93.157150    1723.555

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -50.424907  -185.489829   -17.740902
-683.316244   -95.818017    -2979.596
 0.25000   -50.424907  -168.494758   -17.740902
-683.316244   -93.062220    -3426.657
 0.50000   -50.424907  -154.436197   -17.740902
-699.384062   -94.370236    -3942.979
 0.75000   -50.424907  -142.072080   -17.740902
-722.322265  -103.726474    -4531.222
 1.00000   -50.424907  -131.168865   -17.740902
-746.357559  -120.792991    -5195.280

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    47.667806   676.701423   21.414007
781.996059   94.754626    2244.021
 0.25000    47.667806   703.079881   21.414007
785.292688   79.185009    2045.048
 0.50000    47.667806   730.828589   21.414007
788.589317   69.558295    1889.353
 0.75000    47.667806   759.475531   21.414007
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791.885945    78.073339    1788.361
 1.00000    47.667806   788.508751    21.414007
795.182642    93.157150    1723.555

 COMB  DESIGN  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -50.424907  -185.489829   -17.740902
-683.316244   -95.818017   -2979.596
 0.25000   -50.424907  -168.494758   -17.740902
-683.316244   -93.622220   -3426.657
 0.50000   -50.424907  -154.436197   -17.740902
-699.384062   -94.370236   -3942.979
 0.75000   -50.424907  -142.072080   -17.740902
-722.322265  -103.726474   -4531.222
 1.00000   -50.424907  -131.168865   -17.740902
-746.357559  -120.792991   -5195.280
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  668

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

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 COMB  DB-G1-1  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    19.321476   433.748402    2.541804
478.508609    16.209343   379.607814
 0.25000    19.321476   450.882111    2.541804
478.508609    28.460124   353.452004
 0.50000    19.321476   466.455437    2.541804
478.508609    40.991603   366.981849
 0.75000    19.321476   486.341737    2.541804
478.508609    54.362774   380.512894
 1.00000    19.321476   504.100724    2.541804
478.508609    67.977828   394.043959

 COMB  DB-G1-1  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -18.596087  -28.367896   -18.260321
-309.799720   -33.736421    -1404.301
 0.25000   -18.596087  -28.367896   -18.260321
-309.799720   -21.333123    -1509.667
 0.50000   -18.596087  -28.367896   -18.260321
-309.799720    -9.350756    -1615.312
 0.75000   -18.596087  -28.367896   -18.260321
-309.799720    -5.326883    -1721.319
 1.00000   -18.596087  -28.367896   -18.260321
-309.799720    -6.387905    -1846.489

 COMB  DB-G1-2  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   31.740526   631.650294    42.104868
555.624451    13.298767   637.389674
 0.25000   31.740526   653.285121    42.104868
555.624451    15.463269   612.174508
 0.50000   31.740526   675.428636    42.104868
555.624451    17.856006   633.858237
 0.75000   31.740526   697.911203    42.104868
555.624451    20.248743   655.541966
 1.00000   31.740526   720.202641    42.104868
555.624451    24.792234   677.225715

 COMB  DB-G1-2  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -25.220971   -55.491557   -15.340583
-490.623579   -66.796660    -2259.006
 0.25000   -25.220971   -49.344104   -15.340583
-490.623579   -88.985025    -2396.076
 0.50000   -25.220971   -49.344104   -15.340583
-490.623579  -111.460320    -2533.171
 0.75000   -25.220971   -49.344104   -15.340583
-490.623579  -133.961121    -2670.733
 1.00000   -25.220971   -49.344104   -15.340583
-490.623579   -169.006802    -2829.171

 COMB  DB-G1-3  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    28.757705   642.578069    29.723940
593.871730    14.160837   800.543605
 0.25000    28.757705   662.454682    29.723940
593.871730    15.147854   782.109443
 0.50000    28.757705   682.795210    29.723940
593.871730    16.171175   806.535745
 0.75000    28.757705   703.443083    29.723940
593.871730    17.491985   830.962907
 1.00000    28.757705   723.907485    29.723940
593.871730    19.650610   855.390086

 COMB  DB-G1-3  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -25.470895   -75.468253   -13.633981
-580.646637   -56.296726    -2616.829
 0.25000   -25.470895   -69.122405   -13.633981
-580.646637   -80.596410    -2734.822
 0.50000   -25.470895   -69.122405   -13.633981
-580.646637   -80.533736    -2853.101
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  669

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000   -25.470895   -69.122405   -13.633981
-580.646637   -93.600315    -2972.228
 1.00000   -25.470895   -69.122405   -13.633981
-580.646637   -117.089448    -3110.359

 COMB  DB-G1-4  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    30.248139   563.916086    27.029076
603.028315    32.273451   827.297026
 0.25000    30.248139   580.479930    27.029076
603.028315    46.839338   813.354719
 0.50000    30.248139   597.430370    27.029076
603.028315    65.243599   835.132075
 0.75000    30.248139   614.636931    27.029076
603.028315    85.167853   856.918320
 1.00000    30.248139   631.690599    27.029076
603.028315   106.023300   878.718498

 COMB  DB-G1-4  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -28.627379   -92.423400   -33.448796
-623.842576   -47.816357    -2468.616
 0.25000   -28.627379   -87.135193   -33.448796
-623.842576   -57.413422    -2549.405
 0.50000   -28.627379   -87.135193   -33.448796
-623.842576   -68.414514    -2630.992
 0.75000   -28.627379   -87.135193   -33.448796
-623.842576   -79.551640    -2713.951
 1.00000   -28.627379   -87.135193   -33.448796
-623.842576   -99.573408    -2813.381

 COMB  DB-G2-1  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.893781   162.044851    44.525715
 75.316200    4.364778   281.038435
 0.25000    10.893781   162.054683    44.525715
 75.287936    4.227188   289.151942
 0.50000    10.893781   162.064656    44.525715
 75.263928    4.145609   297.282005
 0.75000    10.893781   162.074682    44.525715
 75.246950    4.084449   305.412067
 1.00000    10.893781   162.084565    44.525715
 75.246950    4.040065   313.542342

 COMB  DB-G2-1  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.007090   -22.919906   -0.267630
-209.287419   -28.185216   -874.589069
 0.25000   -4.007090   -22.910424   -0.267630
-209.313625   -66.805430   -893.087707
 0.50000   -4.007090   -22.901677   -0.267630
-209.342357  -105.606614   -911.601274
 0.75000   -4.007090   -22.895929   -0.267630
-209.371435  -144.408518   -930.460321
 1.00000   -4.007090   -22.893608   -0.267630
-209.401321  -183.210499   -949.514371

 COMB  DB-G2-2  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    12.633659   221.802812    32.965413
197.704369    17.105894   513.268186
 0.25000    12.633659   221.812646    32.965413
197.676097    30.958423   525.430895
 0.50000    12.633659   221.822620    32.965413
197.652008    45.523268   537.615624
 0.75000    12.633659   221.832646    32.965413
197.634984    60.273442   549.800352
 1.00000    12.633659   221.842531    32.965413
197.634984    75.091798   561.985915

 COMB  DB-G2-2  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.841374   -57.782149   -17.442138
-369.659403   -22.608663    -1407.101
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  670

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000   -10.841374   -57.772766   -17.442138
-369.685691   -48.609215    -1410.842
 0.50000   -10.841374   -57.764012   -17.442138
-369.714432   -76.478695    -1415.219
 0.75000   -10.841374   -57.758264   -17.442138
-369.743520  -104.548192    -1420.600
 1.00000   -10.841374   -57.755935   -17.442138
-369.773426  -132.686223    -1426.285

 COMB  DB-G2-3  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    23.819025   515.661042    46.145911
435.558666    19.566935   760.143545
 0.25000    23.819025   532.524059    46.145911
432.394326    31.398384   749.371690
 0.50000    23.819025   549.707216    46.145911
432.394326    43.942585   770.496271
 0.75000    23.819025   567.068536    46.145911
432.394326    56.726842   791.620853
 1.00000    23.819025   584.234046    46.145911
432.394326    69.643199   812.745452

 COMB  DB-G2-3  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -22.520050   -95.168853   -20.693485
-507.706208   -47.270727    -2319.877
 0.25000   -22.520050   -84.147119   -20.693485
-507.706208   -73.083228    -2372.239
 0.50000   -22.520050   -74.930546   -20.693485
-507.706208  -110.461107    -2465.521
 0.75000   -22.520050   -74.017799   -20.693485
-507.706208  -148.950634    -2539.740
 1.00000   -22.520050   -74.017799   -20.693485
-519.490600  -187.670483    -2624.654

 COMB  DB-G2-4  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    26.836152   453.499212    41.659956
473.984159    34.459388   767.604811
 0.25000    26.836152   467.543497    41.659956
469.984277    43.393803   779.302311
 0.50000    26.836152   481.854487    41.659956
469.984277    54.823327   797.568459
 0.75000    26.836152   496.313947    41.659956
469.984277    68.508476   815.869675
 1.00000    26.836152   510.610374    41.659956
469.984277    84.318248   834.172609

 COMB  DB-G2-4  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -25.691937  -106.114947   -24.030249
-568.442405   -39.920939    -2176.004
 0.25000   -25.691937   -96.945376   -24.030249
-568.442405   -61.436154    -2217.872
 0.50000   -25.691937   -89.270377   -24.030249
-568.442405   -92.753017    -2260.991
 0.75000   -25.691937   -88.523072   -24.030249
-568.442405   -124.885893    -2304.379
 1.00000   -25.691937   -88.523072   -24.030249
-578.101972   -158.961836    -2359.526

 COMB  DB-G3-1  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.167146   34.246859    7.135166
167.922775    28.313927   230.820164
 0.25000    11.167146   34.256697    7.135166
167.894463    24.359171   231.251489
 0.50000    11.167146   34.266676    7.135166
167.869968    20.644445   231.742302
 0.75000    11.167146   34.276707    7.135166
167.852714    17.030746   232.245213
 1.00000    11.167146   34.286596    7.135166
167.852714    15.752947   232.748338
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  671

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB  DB-G3-1  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.500321   -39.555349    -2.879926
-226.268108    -3.525038   -340.012262
 0.25000   -11.500321   -39.545959    -2.879926
-226.294808    -5.336168   -311.757361
 0.50000   -11.500321   -39.537172    -2.879926
-226.323595    -7.669707   -284.445088
 0.75000   -11.500321   -39.531417    -2.879926
-226.352726   -10.422745   -258.174697
 1.00000   -11.500321   -39.529053    -2.879926
-226.382733   -13.533091   -233.103932

 COMB  DB-G3-2  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    17.703885   80.219176    9.623632
289.075708    52.557713   430.465816
 0.25000    17.703885   80.229008    9.623632
289.047444    74.908850   433.690621
 0.50000    17.703885   80.238981    9.623632
289.023437    98.932069   436.974323
 0.75000    17.703885   80.249007    9.623632
289.006458   123.783159   440.284879
 1.00000    17.703885   80.259890    9.623632
289.006458   151.544481   443.595436

 COMB  DB-G3-2  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -20.692364   -75.979454   -36.944751
-385.608758    -3.209144   -756.595262
 0.25000   -20.692364   -75.970102   -36.944751
-385.634964    -3.857436   -711.468326
 0.50000   -20.692364   -75.961355   -36.944751
-385.663696    -5.143866   -668.056576
 0.75000   -20.692364   -75.955608   -36.944751
-385.692774    -8.061031   -626.231536
 1.00000   -20.692364   -75.953286   -36.944751
-385.722660   -13.570387   -586.340959

 COMB  DB-G3-3  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    17.886193   173.538105    17.156505
329.875443    42.835314   621.209164
 0.25000    17.886193   173.546955    17.156505
329.849998    50.961326   630.169852
 0.50000    17.886193   173.555931    17.156505
329.828318    60.271034   639.181298
 0.75000    17.886193   173.564955    17.156505
329.812996    70.318259   648.218527
 1.00000    17.886193   173.573851    17.156505
329.812996    82.971934   657.255756

 COMB  DB-G3-3  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -19.175859   -85.781949   -19.138922
-495.182572    -9.084590    -1353.949
 0.25000   -19.175859   -85.773504   -19.138922
-495.206232   -15.653266    -1318.713
 0.50000   -19.175859   -85.765826   -19.138922
-495.232099   -24.084716    -1285.080
 0.75000   -19.175859   -85.760452   -19.138922
-495.258277   -34.323010    -1253.331
 1.00000   -19.175859   -85.758357   -19.138922
-495.285193   -47.065892    -1223.082

 COMB  DB-G3-4  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    25.522826   366.770986    48.783962
438.893805    39.028942   752.306229
 0.25000    25.522826   376.723430    48.783962
418.157676    45.256583   756.188899
 0.50000    25.522826   386.840854    48.783962
402.869980    52.513411   765.480468
 0.75000    25.522826   397.036700    48.783962
402.869980    60.435828   780.793582
 1.00000    25.522826   407.102429    48.783962
402.869980    70.176342   796.106706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  672

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB  DB-G3-4  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -24.296477  -109.457289   -17.510899
-554.743998   -34.695514    -1936.130
 0.25000   -24.296477  -100.146766   -17.510899
-554.743998   -68.125761    -1949.472
 0.50000   -24.296477   -94.213078   -17.510899
-570.124945  -104.832150    -1964.170
 0.75000   -24.296477   -89.744672   -17.510899
-590.121290  -142.902831    -1980.566
 1.00000   -24.296477   -89.744672   -17.510899
-608.899592  -183.095825    -2002.856

 COMB  DL-G1-1  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    24.804533   556.925288    4.456372
628.837692    21.604403   863.313534
 0.25000    24.804533   576.148786    4.456372
634.790769    29.818662   812.485602
 0.50000    24.804533   595.845729    4.456372
640.743845    42.830523   768.347408
 0.75000    24.804533   615.805170    4.456372
646.431716    66.963544   779.272195
 1.00000    24.804533   635.703338    4.456372
651.389178    98.617600   815.872837

 COMB  DL-G1-1  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -40.901463   -66.033039   -37.679804
-430.457057   -60.603098    -2875.272
 0.25000   -40.901463   -58.382165   -37.679804
-430.457057   -86.158275    -2946.492
 0.50000   -40.901463   -53.562617   -37.679804
-430.457057   -15.025395    -3643.072
 0.75000   -40.901463   -53.228112   -37.679804
-430.191851    -7.727847    -4065.874
 1.00000   -40.901463   -53.195125   -37.679804
-429.196236    -9.958709    -4516.324

 COMB  DL-G1-2  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    48.080889   812.779445    56.381095
739.875288    25.930220   1430.330
 0.25000    48.080889   835.807762    56.381095
742.182455    25.878661    1357.758
 0.50000    48.080889   859.421918    56.381095
744.489705    26.951454    1317.661
 0.75000    48.080889   883.361767    56.381095
746.796954    33.845119    1340.572
 1.00000    48.080889   907.372151    56.381095
748.979629    56.467138    1402.237

 COMB  DL-G1-2  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -48.008622  -116.401673   -31.303575
-635.948702  -121.814251    -4554.497
 0.25000   -48.008620  -106.224468   -31.303575
-635.948702  -142.441072    -5083.410
 0.50000   -48.008620   -96.637160   -31.303575
-635.948702  -164.102063    -5648.401
 0.75000   -48.008620   -93.970769   -31.303575
-635.948702  -190.822701    -6252.766
 1.00000   -48.008620   -93.804004   -31.303575
-635.824221  -237.414888    -6892.303

 COMB  DL-G1-3  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    44.284666   828.894121    45.143446
771.946577    29.967628    1723.463
 0.25000    44.284666   850.013524    45.143446
773.603558    30.828670    1677.922
 0.50000    44.284666   871.672259    45.143446
775.261513    33.292461    1660.077
 0.75000    44.284666   893.631158    45.143446
776.917638    39.855469    1699.419
 1.00000    44.284666   915.661085    45.143446
778.506157    61.478773    1775.355
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  673

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB  DL-G1-3  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -46.019487  -151.445000   -30.271706
-736.642300  -102.728648    -5195.791
 0.25000   -46.019487  -141.995343   -30.271706
-736.642300  -115.531513    -5729.259
 0.50000   -46.019487  -133.113826   -30.271706
-736.642300  -129.911001    -6298.676
 0.75000   -46.019487  -130.178459   -30.271706
-736.642300  -147.966030    -6905.033
 1.00000   -46.019487  -130.006942   -30.271706
-736.574617  -184.609913    -7544.153

 COMB  DL-G1-4  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    45.001419   727.930640    40.873999
787.555856    63.142744    1717.569
 0.25000    45.001419   745.534622    40.873999
788.937025    80.677434    1688.812
 0.50000    45.001419   763.588163    40.873999
790.319005   101.098805    1684.415
 0.75000    45.001419   781.891905    40.873999
791.699461   125.517820    1728.794
 1.00000    45.001419   800.254851    40.873999
793.023564   163.013213    1804.938

 COMB  DL-G1-4  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -51.051437  -173.115732   -49.094880
-788.272561   -86.960951    -4799.827
 0.25000   -51.051437  -165.239011   -49.094880
-788.272561   -97.951426    -5245.619
 0.50000   -51.051437  -157.835863   -49.094880
-788.272561  -110.254010    -5723.070
 0.75000   -51.051437  -155.389101   -49.094880
-788.272561  -125.649319    -6232.855
 1.00000   -51.051437  -155.246134   -49.094880
-788.216144  -157.167186    -6771.610

 COMB  DL-G2-1  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    23.108691   215.531072    59.100002
 85.529246    8.565783   572.022927
 0.25000    23.108691   215.537504    59.100002
 85.514870    8.217151   567.134590
 0.50000    23.108691   215.544135    59.100002
 85.501323    7.898388   584.587615
 0.75000    23.108691   215.550881    59.100002
 85.488729    7.607899   610.969971
 1.00000    23.108691   215.557679    59.100002
 85.477227    7.351794   639.514453

 COMB  DL-G2-1  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -5.637914   -44.174561   -0.235510
-217.913769   -53.778971    -1665.646
 0.25000   -5.637914   -44.170161   -0.235510
-217.926820  -104.944652    -1802.157
 0.50000   -5.637914   -44.166145   -0.235510
-217.940533  -156.124423    -1948.425
 0.75000   -5.637914   -44.162257   -0.235510
-217.954725  -207.325454    -2104.260
 1.00000   -5.637914   -44.158664   -0.235510
-217.969250  -258.551652    -2263.589

 COMB  DL-G2-2  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    23.332203   293.013539   45.283729
236.954826    32.864850    1008.392
 0.25000    23.332203   293.019971   45.283729
236.940449    48.286574    1021.522
 0.50000    23.332203   293.026602   45.283729
236.926903    63.995279    1057.723
 0.75000    23.332203   293.033348   45.283729
236.914309    79.725598    1103.612
 1.00000    23.332203   293.040145   45.283729
236.902807    95.489825    1153.799
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  674

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB  DL-G2-2  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.175110  -102.802900   -19.022976
-413.688291   -40.203181    -2637.115
 0.25000   -15.175110  -102.798500   -19.022976
-413.701342   -77.723743    -2805.967
 0.50000   -15.175110  -102.794383   -19.022976
-413.715055  -115.978397    -2987.615
 0.75000   -15.175110  -102.790596   -19.022976
-413.729248  -154.531652    -3179.238
 1.00000   -15.175110  -102.787203   -19.022976
-413.743772  -193.153770    -3376.678

 COMB  DL-G2-3  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    39.309334   658.063264    57.227864
573.432264    38.711712    1590.642
 0.25000    39.309334   675.835793    57.227864
555.327745    50.964305    1576.623
 0.50000    39.309334   694.108219    57.227864
549.893381    63.422059    1579.623
 0.75000    39.309334   712.666342    57.227864
545.891916    75.953495    1607.768
 1.00000    39.309334   731.330551    57.227864
543.287410    89.042428    1676.701

 COMB  DL-G2-3  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -34.803236  -166.430628   -24.928137
-615.698277   -90.218233    -4546.952
 0.25000   -34.803236  -156.435432   -24.928137
-617.210184  -127.679819    -4933.845
 0.50000   -34.803236  -147.059844   -24.928137
-620.183720  -169.736483    -5365.382
 0.75000   -34.803236  -138.467308   -24.928137
-626.337344  -212.163865    -5830.103
 1.00000   -34.803236  -133.454637   -24.928137
-651.442514  -255.138233    -6319.967

 COMB  DL-G2-4  ---------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    42.992577   581.916674    52.667198
631.428122    65.918530    1607.017
 0.25000    42.992577   596.717832    52.667198
616.350478    77.331341    1601.274
 0.50000    42.992577   611.935310    52.667198
611.824681    89.942296    1610.945
 0.75000    42.992577   627.390719    52.667198
608.492216   103.770476    1642.456
 1.00000    42.992577   642.934477    52.667198
606.323155   120.117665    1708.848

 COMB  DL-G2-4  ---------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -38.831780  -182.368646   -29.543357
-705.403713   -75.810823    -4183.505
 0.25000   -38.831780  -174.044537   -29.543357
-706.671174  -106.587170    -4503.149
```

0.50000 -38.831780 -166.236444 -29.543357
-709.139240 -141.544726 -4861.612
0.75000 -38.831780 -159.080485 -29.543357
-714.264046 -177.140505 -5248.954
1.00000 -38.831780 -154.905877 -29.543357
-735.171908 -215.278622 -5658.512

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.703215 51.112389 14.564971
237.896644 48.754054 431.091166
0.25000 19.703215 51.118820 14.564971
237.882305 40.286819 436.465889
0.50000 19.703215 51.125448 14.564971
237.868795 33.155336 443.988996
0.75000 19.703215 51.132192 14.564971
237.856233 28.562722 453.404853
1.00000 19.703215 51.138987 14.564971
237.844747 27.597441 464.563032
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.470927 -63.912809 -5.306519
-305.498752 -4.813566 -546.815492
0.25000 -14.470927 -63.908416 -5.306519
-305.511761 -5.037665 -547.367025
0.50000 -14.470927 -63.904306 -5.306519
-305.525430 -7.435559 -536.894544
0.75000 -14.470927 -63.900525 -5.306519
-305.539578 -12.157098 -535.895150
1.00000 -14.470927 -63.897138 -5.306519
-305.554057 -19.666716 -537.070349

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.926901 110.226392 16.115853
397.306229 93.446252 795.368832
0.25000 26.926901 110.232823 16.115853
397.291874 115.655921 814.573381
0.50000 26.926901 110.239453 16.115853
397.278348 139.564761 838.366575
0.75000 26.926901 110.246198 16.115853
397.265773 165.974654 865.773759
1.00000 26.926901 110.252994 16.115853
397.254273 196.095890 896.270951

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -30.518339 -122.690086 -42.210357
-500.506582 -5.940465 -1285.538
0.25000 -30.518339 -122.685691 -42.210357
-500.519609 -5.384626 -1290.355
0.50000 -30.518339 -122.681578 -42.210357
-500.533297 -6.541274 -1300.914
0.75000 -30.518339 -122.677794 -42.210357
-500.547464 -8.744640 -1316.370
1.00000 -30.518339 -122.674404 -42.210357
-500.561963 -18.759325 -1335.578

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.257819 233.973965 31.475351
425.436973 79.117299 1167.974
0.25000 31.257819 234.043419 31.475351
425.281941 88.388180 1198.577
0.50000 31.257819 234.115022 31.475351
425.135859 99.203715 1237.572
0.75000 31.257819 234.187865 31.475351
425.000044 112.225455 1282.700
1.00000 31.257819 234.261260 31.475351
424.875848 128.534477 1331.604

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -26.111123 -145.243273 -25.299813
-607.613302 -18.709537 -2414.434
0.25000 -26.111123 -145.195800 -25.299813
-607.753993 -32.885478 -2512.214
0.50000 -26.111123 -145.151364 -25.299813
-607.901821 -49.038304 -2620.368
0.75000 -26.111123 -145.110517 -25.299813
-608.054826 -68.166190 -2736.662
1.00000 -26.111123 -145.073909 -25.299813
-608.211415 -90.583643 -2857.546

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 45.342674 473.899338 64.779395
581.293426 73.290320 1511.785
0.25000 45.342674 484.364142 64.779395
561.390081 78.111090 1518.219
0.50000 45.342674 495.136015 64.779395
542.553233 87.527779 1536.247
0.75000 45.342674 506.090855 64.779395
527.169907 97.174039 1567.154
1.00000 45.342674 517.120078 64.779395
524.802156 109.832510 1627.381
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -34.033444 -179.967678 -23.206420
-687.517465 -69.057296 -3675.718
0.25000 -34.033444 -173.408736 -23.206420
-703.434147 -112.095505 -3922.696
0.50000 -34.033444 -167.252520 -23.206420
-721.743119 -156.820468 -4189.022
0.75000 -34.033444 -161.604071 -23.206420
-740.777707 -204.038061 -4474.276
1.00000 -34.033444 -156.549896 -23.206420
-760.289778 -254.247632 -4782.975

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.740526 642.578069 48.783962
603.028315 52.557713 827.297026
0.25000 31.740526 662.454682 48.783962
603.028315 74.906850 813.354719
0.50000 31.740526 682.795210 48.783962
603.028315 98.932069 835.132075
0.75000 31.740526 703.443083 48.783962
603.028315 123.783159 856.918320
1.00000 31.740526 723.907485 48.783962
603.028315 151.544481 878.718498

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.627379 -109.457289 -36.944751
-623.842576 -66.796660 -2616.829
0.25000 -28.627379 -100.146766 -36.944751
-623.842576 -88.985025 -2734.822
0.50000 -28.627379 -94.213078 -36.944751
-623.842576 -111.460320 -2853.101
0.75000 -28.627379 -89.744672 -36.944751
-623.842576 -148.950634 -2972.228
1.00000 -28.627379 -89.744672 -36.944751
-623.842576 -187.670483 -3110.359

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 48.080889 828.894121 64.779395
787.555856 93.446252 1723.463
0.25000 48.080889 850.013524 64.779395
788.937025 115.655921 1688.812
0.50000 48.080889 871.672259 64.779395
790.319005 139.564761 1684.415
0.75000 48.080889 893.631158 64.779395
791.699461 165.974654 1728.794
1.00000 48.080889 915.661085 64.779395
793.023564 196.095890 1804.938

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -51.051437 -182.368646 -49.094880
-788.272561 -121.814251 -5195.791
0.25000 -51.051437 -174.044537 -49.094880
-788.272561 -142.441072 -5729.259
0.50000 -51.051437 -167.252520 -49.094880
-788.272561 -169.736483 -6298.676
0.75000 -51.051437 -161.604071 -49.094880
-788.272561 -212.163865 -6905.033
1.00000 -51.051437 -156.549896 -49.094880
-788.216144 -258.551652 -7544.153

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 48.080889 828.894121 64.779395
787.555856 93.446252 1723.463
0.25000 48.080889 850.013524 64.779395
788.937025 115.655921 1688.812
0.50000 48.080889 871.672259 64.779395
790.319005 139.564761 1684.415
0.75000 48.080889 893.631158 64.779395
791.699461 165.974654 1728.794
1.00000 48.080889 915.661085 64.779395
793.023564 196.095890 1804.938
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -51.051437 -182.368646 -49.094880
-788.272561 -121.814251 -5195.791
0.25000 -51.051437 -174.044537 -49.094880
-788.272561 -142.441072 -5729.259
0.50000 -51.051437 -167.252520 -49.094880
-788.272561 -169.736483 -6298.676
0.75000 -51.051437 -161.604071 -49.094880
-788.272561 -212.163865 -6905.033
1.00000 -51.051437 -156.549896 -49.094880
-788.216144 -258.551652 -7544.153

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 48.080889 828.894121 64.779395
787.555856 93.446252 1723.463
0.25000 48.080889 850.013524 64.779395
788.937025 115.655921 1688.812
0.50000 48.080889 871.672259 64.779395
790.319005 139.564761 1684.415
0.75000 48.080889 893.631158 64.779395
791.699461 165.974654 1728.794
1.00000 48.080889 915.661085 64.779395
793.023564 196.095890 1804.938

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -51.051437 -182.368646 -49.094880
-788.272561 -121.814251 -5195.791
0.25000 -51.051437 -174.044537 -49.094880
-788.272561 -142.441072 -5729.259
0.50000 -51.051437 -167.252520 -49.094880
-788.272561 -169.736483 -6298.676
0.75000 -51.051437 -161.604071 -49.094880
-788.272561 -212.163865 -6905.033
1.00000 -51.051437 -156.549896 -49.094880
-788.216144 -258.551652 -7544.153

ELEM 34 ========== LENGTH = 3.491348

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.350654 32.486320 18.243190
309.851424 67.935999 388.254710
0.25000 13.350654 32.486320 18.243190
309.851424 54.383930 359.919162
0.50000 13.350654 32.486320 18.243190
309.851424 41.001261 331.583613
0.75000 13.350654 32.486320 18.243190
309.851424 28.462044 303.254546
1.00000 13.350654 32.486320 18.243190
309.851424 16.197173 377.373765

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.565521 -504.296487 -2.486683
-478.602712 -5.432895 -1863.195
0.25000 -12.565521 -486.590805 -2.486683
-478.602712 -5.457899 -1704.715
0.50000 -12.565521 -468.758887 -2.486683
-478.602712 -9.229709 -1599.379
0.75000 -12.565521 -451.240631 -2.486683
-478.602712 -21.196758 -1494.091
1.00000 -12.565521 -434.161571 -2.486683
-478.602712 -33.589912 -1389.410

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.758883 56.636558 15.303933
490.647656 24.636261 671.954713
0.25000 23.758883 56.636558 15.303933
490.647656 20.793949 622.819995
0.50000 23.758883 56.636558 15.303933
490.647656 17.558812 573.685278
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 23.758883 56.636558 15.303933
490.647656 15.059922 524.637525
1.00000 23.758883 57.777957 15.303933
490.647656 12.826444 609.424522

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.602030 -720.786833 -42.034980
-555.734298 -169.063918 -2856.445
0.25000 -16.602030 -698.559926 -42.034980
-555.734298 -133.894397 -2639.827
0.50000 -16.602030 -676.142982 -42.034980
-555.734298 -111.329706 -2503.294
0.75000 -16.602030 -654.065955 -42.034980
-555.734298 -88.833350 -2367.309
1.00000 -16.602030 -632.498103 -42.034980
-555.734298 -66.604472 -2231.495

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.365720 75.122928 13.604911
580.662562 19.300488 851.126557
0.25000 21.365720 75.122928 13.604911
580.662562 16.974192 788.770006
0.50000 21.365720 75.122928 13.604911
580.662562 15.509363 726.413456
0.75000 21.365720 75.122928 13.604911
580.662562 14.422051 666.916937
1.00000 21.365720 76.886443 13.604911
580.662562 13.386231 740.457106

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.742003 -725.250906 -29.665911
-593.937376 -116.908682 -3131.908
0.25000 -17.742003 -704.847567 -29.665911
-593.937376 -93.264504 -2928.840
0.50000 -17.742003 -684.259759 -29.665911
-593.937376 -80.166583 -2811.233
0.75000 -17.742003 -663.980090 -29.665911
-593.937376 -67.463642 -2694.669
1.00000 -17.742003 -644.164859 -29.665911
-593.937376 -56.269871 -2578.702

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.492563 92.487597 33.447944
623.897536 105.715484 875.530199
0.25000 22.492563 92.487597 33.447944
623.897536 84.755776 811.267561
0.50000 22.492563 92.487597 33.447944
623.897536 64.728406 747.005379
0.75000 22.492563 92.487597 33.447944
623.897536 46.328407 690.133362
1.00000 22.492563 93.957192 33.447944
623.897536 31.774821 750.534718

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -20.626443 -633.610071 -27.001927
-603.051248 -99.296764 -2822.848
0.25000 -20.626443 -616.607288 -27.001927
-603.051248 -79.404561 -2664.967
0.50000 -20.626443 -599.450782 -27.001927
-603.051248 -68.304011 -2583.803
0.75000 -20.626443 -582.551057 -27.001927
-603.051248 -57.690046 -2504.115
1.00000 -20.626443 -566.038365 -27.001927
-603.051248 -48.129613 -2425.606

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.926472 26.608147 0.287407
209.364033 3.844790 314.752020
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 9.926472 26.608649 0.287407
209.334144 3.718869 291.640429
0.50000 9.926472 26.614384 0.287407
209.305065 3.609896 268.528839
0.75000 9.926472 26.623139 0.287407
209.276330 3.616429 246.040182
1.00000 9.926472 26.632497 0.287407
209.250137 3.717331 240.182874

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.760626 -162.750612 -44.528434
-75.212957 -183.263824 -956.466626
0.25000 -2.760626 -162.740752 -44.528434
-75.212957 -144.404079 -912.965319
0.50000 -2.760626 -162.730750 -44.528434
-75.229848 -105.596735 -895.036994
0.75000 -2.760626 -162.720802 -44.528434
-75.253854 -66.790854 -877.175094
1.00000 -2.760626 -162.710997 -44.528434
-75.282127 -28.185713 -859.320009

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.737349 59.636279 17.476191
369.745955 74.741559 563.327153
0.25000 10.737349 59.636788 17.476191
369.716045 59.661428 521.892400
0.50000 10.737349 59.642525 17.476191
369.686957 44.753489 480.457647
0.75000 10.737349 59.651286 17.476191
369.658213 30.144042 444.225546
1.00000 10.737349 59.660646 17.476191
369.631938 16.271651 435.174838

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.724487 -223.460145 -32.979572
-197.562071 -132.460218 -1426.426
0.25000 -8.724487 -223.450284 -32.979572
-197.562071 -104.350068 -1386.249
0.50000 -8.724487 -223.440282 -32.979572
-197.579009 -76.240409 -1382.396
0.75000 -8.724487 -223.430332 -32.979572
-197.603095 -48.940301 -1379.376
1.00000 -8.724487 -223.420526 -32.979572
-197.631376 -22.925884 -1377.357

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.884831 78.917864 20.702290
519.521086 69.224355 811.162239
0.25000 17.884831 78.917864 20.702290
507.708064 55.938242 751.644616
0.50000 17.884831 78.917864 20.702290
507.708064 42.882991 692.126993
0.75000 17.884831 85.523581 20.702290
507.708064 30.188903 640.098539
1.00000 17.884831 96.540872 20.702290
507.708064 18.255570 690.788404

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.385808 -585.826222 -46.149358
-432.447356 -187.447767 -2638.639
0.25000 -16.385808 -568.706181 -46.149358
-432.447356 -148.796109 -2495.453
0.50000 -16.385808 -551.391319 -46.149358
-432.447356 -110.320109 -2423.174
0.75000 -16.385808 -534.255242 -46.149358
-432.447356 -73.388842 -2351.610
1.00000 -16.385808 -517.441447 -46.149358
-435.562106 -47.430898 -2281.035
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.047321 93.017790 24.036445
578.192003 83.945439 833.805361
0.25000 20.047321 93.017790 24.036445
568.508592 67.931056 772.503474
0.50000 20.047321 93.017790 24.036445
568.508592 54.082406 711.201587
0.75000 20.047321 98.505118 24.036445
568.508592 42.567427 661.677108
1.00000 20.047321 107.670991 24.036445
568.508592 33.571331 703.693920

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.652546 -512.765617 -41.657188
-469.991214 -158.529512 -2361.437
0.25000 -18.652546 -498.507062 -41.657188
-469.991214 -124.864210 -2255.711
0.50000 -18.652546 -484.086300 -41.657188
-469.991214 -91.800476 -2213.352
0.75000 -18.652546 -469.814525 -41.657188
-469.991214 -61.936746 -2172.187
1.00000 -18.652546 -455.811238 -41.657188
-472.469792 -40.367817 -2132.304

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.163991 40.172054 2.992141
226.502304 15.426631 234.873174
0.25000 8.163991 40.172599 2.992141
226.472294 17.360599 217.432377
0.50000 8.163991 40.178341 2.992141
226.443162 20.967241 199.991513
0.75000 8.163991 40.187136 2.992141
226.414373 24.676289 191.348168
1.00000 8.163991 40.196503 2.992141
226.387685 28.628534 191.550385

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.384806 -35.527558 -7.115086
-167.786867 -13.523050 -217.252805
0.25000 -8.384806 -35.517693 -7.115086
-167.786867 -10.437098 -238.102044
0.50000 -8.384806 -35.507686 -7.115086
-167.804035 -7.701291 -265.678809
0.75000 -8.384806 -35.497732 -7.115086
-167.828527 -5.391786 -293.671998
1.00000 -8.384806 -35.487921 -7.115086
-167.856848 -3.621810 -322.674483

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.192779 76.997075 36.933227
385.896055 151.187054 445.799130
0.25000 13.192779 76.997577 36.933227
385.835165 124.137089 412.789892
0.50000 13.192779 77.003313 36.933227
385.806086 99.288237 379.780653
0.75000 13.192779 77.012067 36.933227
385.777352 75.276832 360.560277
1.00000 13.192779 77.021758 36.933227
385.751158 52.947655 358.744084

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.028473 -82.404072 -9.617728
-288.905960 -13.237486 -562.782889
0.25000 -16.028473 -82.394212 -9.617728
-288.905960 -7.877705 -591.586604
0.50000 -16.028473 -82.384211 -9.617728
-288.922851 -5.639731 -634.731787
0.75000 -16.028473 -82.374060 -9.617728
-288.946857 -4.536779 -679.508748
1.00000 -16.028473 -82.364457 -9.617728
-288.975130 -3.581836 -726.071337
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.748252 87.025722 19.160583
495.390712 82.390464 660.205587
0.25000 13.748252 87.026180 19.160583
495.356793 70.168227 611.445744
0.50000 13.748252 87.031343 19.160583
495.337614 60.029627 562.713901
0.75000 13.748252 87.039228 19.160583
495.311744 50.729881 527.609232
1.00000 13.748252 87.047652 19.160583
495.288096 42.614387 520.929405

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.962197 -176.185609 -17.147417
-329.689800 -46.525596 -1203.436
0.25000 -14.962197 -176.176734 -17.147417
-329.689800 -33.877892 -1206.953
0.50000 -14.962197 -176.167732 -17.147417
-329.705044 -24.233708 -1240.620
0.75000 -14.962197 -176.158777 -17.147417
-329.726722 -16.332690 -1276.005
1.00000 -14.962197 -176.149952 -17.147417
-329.752175 -9.308507 -1313.388

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.345270 93.563849 17.517587
609.009576 69.992462 797.779163
0.25000 19.345270 93.563849 17.517587
590.228876 60.093171 739.036675
0.50000 19.345270 96.075473 17.517587
570.226703 51.983173 680.294187
0.75000 19.345270 102.017649 17.517587
554.833814 44.630680 638.457872
1.00000 19.345270 111.303522 17.517587
554.833814 38.332646 660.085800

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.834321 -409.465071 -48.769960
-402.839200 -182.624266 -1997.586
0.25000 -17.834321 -399.424649 -48.769960
-402.839200 -142.529596 -1930.448
0.50000 -17.834321 -389.254765 -48.769960
-402.839200 -104.933276 -1916.014
0.75000 -17.834321 -379.163652 -48.769960
-418.069594 -68.690707 -1903.123
1.00000 -17.834321 -369.239340 -48.769960
-438.819029 -34.819265 -1891.999

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.984543 57.192679 37.701311

```
436.380531    98.586645   808.569423
 0.25000    16.984543    57.204489    37.701311
437.375825    66.886454   766.019308
 0.50000    16.984543    57.543456    37.701311
437.640232    42.687734   757.448890
 0.75000    16.984543    60.835300    37.701311
437.640232    29.626076   798.968676
 1.00000    16.984543    68.468150    37.701311
437.640232    21.367725   847.235493

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -26.745467  -629.666634    -4.311462
-645.035320  -10.017203   -4502.894
 0.25000   -26.745467  -609.786063    -4.311462
-640.076962   -7.903432   -4057.746
 0.50000   -26.745467  -589.853558    -4.311462
-634.387717  -15.176554   -3639.941
 0.75000   -26.745467  -570.180787    -4.311462
-628.434066  -36.432516   -3248.551
 1.00000   -26.745467  -550.964813    -4.311462
-622.480414  -60.920130   -2882.273
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    682

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   100.446883    31.325264
647.942903   56.356905    1392.098
 0.25000    29.872442   100.602819    31.325264
648.067298   33.593282    1319.344
 0.50000    29.872442   101.519273    31.325264
648.067298   26.627773    1294.924
 0.75000    29.872442   111.077867    31.325264
648.067298   25.425042    1327.764
 1.00000    29.872442   121.256418    31.325264
648.067298   25.364837    1400.871

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -31.563353  -898.315587   -56.153528
-737.797433  -237.517855   -6886.290
 0.25000   -31.563353  -874.321446   -56.153528
-735.614450  -191.087385   -6254.902
 0.50000   -31.563353  -850.409327   -56.153528
-733.306978  -164.437739   -5658.224
 0.75000   -31.563353  -826.824023   -56.153528
-730.999506  -142.921173   -5100.696
 1.00000   -31.563353  -803.835137   -56.153528
-728.692121  -122.436100   -4579.173

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    27.733349   138.896950    30.325370
748.451603   61.360438    1766.667
 0.25000    27.733349   139.060727    30.325370
748.519218   39.591885    1674.931
 0.50000    27.733349   140.390491    30.325370
748.519218   32.968090    1628.465
 0.75000    27.733349   149.249022    30.325370
748.519218   30.377093    1634.680
 1.00000    27.733349   158.679932    30.325370
748.519218   29.229300    1677.313

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -31.088461  -904.219682   -44.846568
-767.390632  -184.665093   -7538.966
 0.25000   -31.088461  -882.204442   -44.846568
-765.801906  -148.149323   -6910.428
 0.50000   -31.088461  -860.257498   -44.846568
-764.145567  -130.331923   -6314.256
 0.75000   -31.088461  -838.622055   -44.846568
-762.487507  -116.161443   -5754.638
 1.00000   -31.088461  -817.529649   -44.846568
-760.830370  -103.738947   -5230.948

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    28.838650   165.373317    49.156275
796.666801   162.878488    1798.815
 0.25000    28.838650   165.509832    49.156275
796.723162   125.241764    1704.689
 0.50000    28.838650   166.618251    49.156275
796.723162   100.798756    1649.638
 0.75000    28.838650   174.002240    49.156275
796.723162   80.288497    1640.843
 1.00000    28.838650   181.863332    49.156275
796.723162   62.514582    1665.168

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -788.414264   -40.557689
-785.511112  -157.195285   -6765.515
 0.25000   -34.083559  -770.063560   -40.557689
-784.186837  -125.937523   -6237.882
 0.50000   -34.083559  -751.769784   -40.557689
-782.806203  -110.857975   -5738.982
 0.75000   -34.083559  -733.735659   -40.557689
-781.424135   -98.860618   -5272.043
 1.00000   -34.083559  -716.154179   -40.557689
-780.042836   -88.239620   -4836.743
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    683

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    12.013243    47.773780    0.256348
222.272427    7.236677   637.629466
 0.25000    12.013243    47.777166    0.256348
222.257903    7.404929   602.996163
 0.50000    12.013243    47.780946    0.256348
222.243710    7.606286   570.469562
 0.75000    12.013243    47.785058    0.256348
222.229995    7.869635   546.825186
 1.00000    12.013243    47.789448    0.256348
222.216940    8.179479   552.894993

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.162887  -212.262780   -59.006184
-81.097605  -258.604231   -2272.208
 0.25000   -3.162887  -212.255987   -59.006184
-81.109106  -207.456790   -2116.051
 0.50000   -3.162887  -212.249246   -59.006184
-81.121703  -156.338225   -1963.215
 0.75000   -3.162887  -212.242628   -59.006184
-81.135253  -105.237971   -1819.672
 1.00000   -3.162887  -212.236189   -59.006184
-81.149632   -54.154146   -1685.891

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.211778   109.104078    19.089090
417.801207   95.281477    1153.089
 0.25000    13.211778   109.107464    19.089090
417.786683   79.372769    1090.488
 0.50000    13.211778   109.111243    19.089090
417.772490   63.541115    1032.006
 0.75000    13.211778   109.115355    19.089090
417.758775   47.768474    984.286045
 1.00000    13.211778   109.119746    19.089090
417.745720   32.299669    969.785344

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -10.164416  -286.110676   -45.096621
-232.982982  -193.180710   -3381.918
 0.25000   -10.164416  -286.103886   -45.096621
-232.994484  -154.746630   -3191.274
 0.50000   -10.164416  -286.097145   -45.096621
-233.007081  -116.378103   -3005.606
 0.75000   -10.164416  -286.090527   -45.096621
-233.020631   -78.469370   -2830.776
 1.00000   -10.164416  -286.084088   -45.096621
-233.035010   -41.137741   -2668.320

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    23.242307   142.467475    24.993659
660.931457   88.786444    1671.054
 0.25000    23.242307   146.147581    24.993659
635.819438   75.471625    1586.080
 0.50000    23.242307   154.722521    24.993659
629.682255   62.776185    1550.576
 0.75000    23.242307   164.082914    24.993659
626.719542   50.179838    1533.569
 1.00000    23.242307   174.051318    24.993659
625.176154   37.812832    1543.218

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -24.032553  -720.938974   -56.956091
-534.428690  -255.192304   -6321.109
 0.25000   -24.032553  -702.291157   -56.956091
-537.033483  -212.449156   -5841.030
 0.50000   -24.032553  -683.760799   -56.956091
-541.035863  -170.309740   -5385.753
 0.75000   -24.032553  -665.503182   -56.956091
-546.471860  -128.591274   -4958.064
 1.00000   -24.032553  -647.759403   -56.956091
-564.579891   -91.316266   -4577.924
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    684

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    26.383381   165.284148    29.614576
741.230177  119.840963    1705.240
 0.25000    26.383381   168.348981    29.614576
720.316611  103.318921    1620.362
 0.50000    26.383381   175.490286    29.614576
715.205497   89.409072    1576.052
 0.75000    26.383381   183.285724    29.614576
712.736116   77.687055    1552.736
 1.00000    26.383381   191.587521    29.614576
711.452766   65.154607    1552.634

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -26.703414  -632.199900   -52.376633
-601.140200  -215.268847   -5660.478
 0.25000   -26.703414  -616.669792   -52.376633
-603.309500  -177.505223   -5261.102
 0.50000   -26.703414  -601.237505   -52.376633
-606.642727  -142.230575   -4883.769
 0.75000   -26.703414  -586.032361   -52.376633
-611.169885  -107.680842   -4530.600
 1.00000   -26.703414  -571.255146   -52.376633
-626.250452   -77.124473   -4218.575

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    12.847000    68.361229    5.325717
302.641640   27.410561   466.268456
 0.25000    12.847000    68.364609    5.325717
302.627160   28.594862   447.045235
 0.50000    12.847000    68.368383    5.325717
302.613011   33.174216   429.688578
 0.75000    12.847000    68.372488    5.325717
302.599341   40.300240   416.510670
 1.00000    12.847000    68.376871    5.325717
302.586328   48.801920   407.636792

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -10.492443   -48.284125   -14.455401
-241.517352  -19.719938  -541.668766
 0.25000   -10.492443   -48.277335   -14.455401
-241.542882  -12.309437  -542.980491
 0.50000   -10.492443   -48.270595   -14.455401
-241.541387   -7.692495  -546.771507
 0.75000   -10.492443   -48.263980   -14.455401
-241.554902   -5.691639  -553.011345
 1.00000   -10.492443   -48.257543   -14.455401
-241.569241   -5.345258  -562.250931

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    18.254393   130.361865    42.253227
496.701277  195.863809   899.206529
 0.25000    18.254393   130.365248    42.253227
496.686778  165.945238   855.003204
 0.50000    18.254393   130.369024    42.253227
496.672610  139.528592   814.025124
 0.75000    18.254393   130.373132    42.253227
496.658920  115.607585   780.211973
 1.00000    18.254393   130.377519    42.253227
496.645890   93.425429   755.322721

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -21.027383  -104.369017   -15.917198
-402.177916  -18.733268   -1336.175
 0.25000   -21.027383  -104.362329   -15.917198
-402.189399  -11.027071   -1321.009
 0.50000   -21.027383  -104.355589   -15.917198
-402.201978   -7.188520   -1311.643
 0.75000   -21.027383  -104.348973   -15.917198
-402.215508   -6.161850   -1307.173
 1.00000   -21.027383  -104.342535   -15.917198
-402.229864   -6.995769   -1308.300
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    685

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    27.464194   166.250212    23.276744
764.261000  109.487612    1625.512
 0.25000    27.464194   171.292622    23.276744
744.747214   96.838121    1546.481
 0.50000    27.464194   176.937340    23.276744
725.720061   87.054512    1500.424
 0.75000    27.464194   183.076903    23.276744
707.398099   79.178546    1466.035
 1.00000    27.464194   189.609453    23.276744
691.494548   72.658788    1455.691

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -23.587593  -507.255804   -64.489995
-521.862068  -254.240826   -4790.328
 0.25000   -23.587593  -496.247077   -64.489995
-524.211326  -204.302663   -4487.349
 0.50000   -23.587593  -485.302347   -64.489995
-539.553908  -157.634326   -4211.486
 0.75000   -23.587593  -474.532685   -64.489995
-558.399526  -113.206552   -3954.202
 1.00000   -23.587593  -464.077485   -64.489995
-578.333682   -70.372020   -3716.321

 COMB     DB ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    23.758883    93.563849    36.933227
623.897536  151.187054   875.530199
 0.25000    23.758883    93.563849    36.933227
623.897536  124.137089   811.267581
 0.50000    23.758883    96.075473    36.933227
623.897536   99.288237   747.005379
 0.75000    23.758883   102.019493    36.933227
623.897536   75.276832   690.133362
 1.00000    23.758883   111.303522    36.933227
623.897536   52.947655   750.534718

 COMB     DB ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -20.626443  -725.250906   -48.769960
-603.051248  -187.447767   -3131.908
 0.25000   -20.626443  -704.847567   -48.769960
-603.051248  -148.796109   -2928.840
 0.50000   -20.626443  -684.259759   -48.769960
-603.051248  -111.329706   -2811.233
 0.75000   -20.626443  -663.980090   -48.769960
-603.051248   -88.833350   -2694.669
 1.00000   -20.626443  -644.164859   -48.769960
-603.051248   -66.604472   -2578.702
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    686

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   166.250212    49.156275
796.666801   195.863809    1798.815
 0.25000    29.872442   171.292622    49.156275
796.723162   165.945238    1704.689
 0.50000    29.872442   176.937340    49.156275
796.723162   139.528592    1649.638
 0.75000    29.872442   183.285724    49.156275
796.723162   115.607585    1640.843
 1.00000    29.872442   191.587521    49.156275
796.723162    93.425429    1677.313

 COMB     DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -904.219682   -64.489995
-785.511112  -258.604231   -7538.966
 0.25000   -34.083559  -882.204442   -64.489995
-784.186837  -212.449156   -6910.428
 0.50000   -34.083559  -860.257498   -64.489995
-782.806203  -170.309740   -6314.256
 0.75000   -34.083559  -838.622055   -64.489995
-781.424135  -142.921173   -5754.638
 1.00000   -34.083559  -817.529649   -64.489995
-780.042836  -122.436100   -5230.948

 COMB     CAR ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   166.250212    49.156275
796.666801   195.863809    1798.815
 0.25000    29.872442   171.292622    49.156275
796.723162   165.945238    1704.689
 0.50000    29.872442   176.937340    49.156275
796.723162   139.528592    1649.638
 0.75000    29.872442   183.285724    49.156275
796.723162   115.607585    1640.843
 1.00000    29.872442   191.587521    49.156275
796.723162    93.425429    1677.313

 COMB     CAR ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -904.219682   -64.489995
-785.511112  -258.604231   -7538.966
 0.25000   -34.083559  -882.204442   -64.489995
-784.186837  -212.449156   -6910.428
 0.50000   -34.083559  -860.257498   -64.489995
-782.806203  -170.309740   -6314.256
 0.75000   -34.083559  -838.622055   -64.489995
-781.424135  -142.921173   -5754.638
 1.00000   -34.083559  -817.529649   -64.489995
-780.042836  -122.436100   -5230.948

 COMB  DESIGN ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   166.250212    49.156275
796.666801   195.863809    1798.815
 0.25000    29.872442   171.292622    49.156275
796.723162   165.945238    1704.689
 0.50000    29.872442   176.937340    49.156275
796.723162   139.528592    1649.638
 0.75000    29.872442   183.285724    49.156275
796.723162   115.607585    1640.843
 1.00000    29.872442   191.587521    49.156275
796.723162    93.425429    1677.313

 COMB  DESIGN ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -904.219682   -64.489995
-785.511112  -258.604231   -7538.966
 0.25000   -34.083559  -882.204442   -64.489995
-784.186837  -212.449156   -6910.428
 0.50000   -34.083559  -860.257498   -64.489995
-782.806203  -170.309740   -6314.256
 0.75000   -34.083559  -838.622055   -64.489995
-781.424135  -142.921173   -5754.638
 1.00000   -34.083559  -817.529649   -64.489995
-780.042836  -122.436100   -5230.948

 COMB  DESIGN ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   166.250212    49.156275
796.666801   195.863809    1798.815
 0.25000    29.872442   171.292622    49.156275
796.723162   165.945238    1704.689
 0.50000    29.872442   176.937340    49.156275
796.723162   139.528592    1649.638
 0.75000    29.872442   183.285724    49.156275
796.723162   115.607585    1640.843
 1.00000    29.872442   191.587521    49.156275
796.723162    93.425429    1677.313

 COMB  DESIGN ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -904.219682   -64.489995
-785.511112  -258.604231   -7538.966
 0.25000   -34.083559  -882.204442   -64.489995
-784.186837  -212.449156   -6910.428
 0.50000   -34.083559  -860.257498   -64.489995
-782.806203  -170.309740   -6314.256
 0.75000   -34.083559  -838.622055   -64.489995
-781.424135  -142.921173   -5754.638
 1.00000   -34.083559  -817.529649   -64.489995
-780.042836  -122.436100   -5230.948

 COMB     DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    29.872442   166.250212    49.156275
796.666801   195.863809    1798.815
 0.25000    29.872442   171.292622    49.156275
796.723162   165.945238    1704.689
 0.50000    29.872442   176.937340    49.156275
796.723162   139.528592    1649.638
 0.75000    29.872442   183.285724    49.156275
796.723162   115.607585    1640.843
 1.00000    29.872442   191.587521    49.156275
796.723162    93.425429    1677.313

 COMB     DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -34.083559  -860.257498   -64.489995
-782.806203  -170.309740   -6314.256
 0.75000   -34.083559  -838.622055   -64.489995
-781.424135  -142.921173   -5754.638
 1.00000   -34.083559  -817.529649   -64.489995
-780.042836  -122.436100   -5230.948
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    687

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      35 ================== LENGTH
=    4.987567

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    12.948830    30.782756    5.334760
172.836364   15.924962   377.739904
 0.25000    12.948830    39.149764    5.334760
172.836364   14.093428   587.060798
 0.50000    12.948830    59.445723    5.334760
172.836364   14.270828   821.663649
 0.75000    12.948830    81.343793    5.334760
172.836364   16.024316   1028.416
 1.00000    12.948830   103.431490    5.334760
172.836364   18.849314   1207.424

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -12.375250  -434.784615   -3.638151
-536.188017  -32.750082   -1390.375
 0.25000   -12.375250  -410.077488   -3.638151
-536.188017  -36.128400   -1290.548
 0.50000   -12.375250  -384.675986   -3.638151
-536.188017  -39.808215   -1190.872
 0.75000   -12.375250  -360.094490   -3.638151
-536.188017  -43.636312   -1092.010
 1.00000   -12.375250  -336.865053   -3.638151
-536.188017  -47.574731   -993.357174

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    23.323042    53.878790    3.150114
306.793598   12.399306   609.703756
 0.25000    23.323042    67.436839    3.150114
306.793598   15.079677   886.251081
 0.50000    23.323042    93.150252    3.150114
306.793598   21.414403   1213.260
 0.75000    23.323042   120.824672    3.150114
306.793598   40.188561   1547.432
 1.00000    23.323042   149.495779    3.150114
306.793598   59.954519   1867.869

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -16.531210  -635.187167   -17.209812
-616.171561  -66.023836   -2232.653
 0.25000   -16.531210  -603.550801   -17.209812
-616.171561  -56.096764   -2092.053
 0.50000   -16.531210  -571.898532   -17.209812
-616.171561  -55.345916   -1951.988
 0.75000   -16.531210  -541.225136   -17.209812
-616.171561  -56.128667   -1812.530
 1.00000   -16.531210  -512.168942   -17.209812
-616.171561  -57.700633   -1673.406

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    20.574696    69.470188    2.812133
444.988917   13.130777   740.719019
 0.25000    20.574696    82.147815    2.812133
444.988917   15.705705   981.583153
 0.50000    20.574696   105.777889    2.812133
444.988917   20.966032   1258.299
 0.75000    20.574696   131.204621    2.812133
444.988917   34.666335   1596.552
 1.00000    20.574696   157.617832    2.812133
444.988917   49.080062   1964.048

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -17.225035  -659.027724   -12.800446
-582.406912  -55.365947   -2579.548
 0.25000   -17.225035  -629.929932   -12.800446
-582.406912  -50.031319   -2445.017
 0.50000   -17.225035  -600.881215   -12.800446
-582.406912  -50.446394   -2311.003
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    688

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   -17.225035  -572.727636   -12.800446
-582.406912  -51.647204   -2177.689
 1.00000   -17.225035  -546.055073   -12.800446
-582.406912  -53.267306   -2044.832

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    21.385882    72.865605    9.496834
531.128713   30.808520   750.721701
 0.25000    21.385882    83.430294    9.496834
531.128713   28.833030   948.727566
 0.50000    21.385882   103.122023    9.496834
531.128713   30.615398   1176.548
 0.75000    21.385882   124.310966    9.496834
531.128713   40.657712   1455.783
 1.00000    21.385882   146.321675    9.496834
531.128713   51.973077   1768.155

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -19.907996  -586.368938   -10.920209
-544.343013  -47.373738   -2425.978
 0.25000   -19.907996  -562.120678   -10.920209
-544.343013  -42.779072   -2323.859
 0.50000   -19.907996  -537.913414   -10.920209
-544.343013  -49.222698   -2222.452
 0.75000   -19.907996  -514.452098   -10.920209
-544.343013  -58.611461   -2122.220
 1.00000   -19.907996  -492.224962   -10.920209
-544.343013  -68.560343   -2022.758

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    9.935565    25.996636    0.278068
181.831057   3.832792   240.134372
 0.25000    9.935565    26.007305    0.278068
181.788845   3.806805   255.117334
 0.50000    9.935565    26.019141    0.278068
181.752363   5.626346   290.603872
 0.75000    9.935565    26.031761    0.278068
181.719079   21.352583   419.786881
 1.00000    9.935565    26.046547    0.278068
181.706390   37.420785   577.455285

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -2.664772  -155.951025   -13.049708
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-50.531862   -28.644037  -859.353166
 0.25000     -2.664772  -155.935868   -13.049708
-50.548385   -15.339237  -827.146112
 0.50000     -2.664772  -155.922256   -13.049708
-50.580466   -10.793877  -795.115689
 0.75000     -2.664772  -155.908992   -13.049708
-50.619566    -7.837350  -763.091421
 1.00000     -2.664772  -155.896341   -13.049708
-50.664168    -5.788183  -731.343237

  COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    10.108561   47.560576    5.459318
379.549210   16.373062  435.112551
 0.25000    10.108561   47.571246    5.459318
379.506983   12.119727  443.065528
 0.50000    10.108561   47.583084    5.459318
379.470490   11.595900  469.769257
 0.75000    10.108561   47.595704    5.459318
379.437140   21.385335  605.105516
 1.00000    10.108561   47.610493    5.459318
379.424369   32.121395  819.908345

  COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.354752  -229.905397   -9.090978
-97.028410   -22.813604  -1377.076
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  689

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -8.354752  -229.890237   -9.090978
-97.044972   -13.440962  -1345.834
 0.50000   -8.354752  -229.876625   -9.090978
-97.077134   -14.442842  -1314.745
 0.75000   -8.354752  -229.863360   -9.090978
-97.116246   -18.229297  -1284.201
 1.00000   -8.354752  -229.850707   -9.090978
-97.160862   -22.758796  -1253.956

  COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    17.087246   67.056983    5.501591
444.655398   18.162171  690.841021
 0.25000    17.087246   82.267223    5.501591
442.186879   14.453966  876.257352
 0.50000    17.087246  102.434451    5.501591
442.186879   20.002605  1078.053
 0.75000    17.087246  124.040428    5.501591
442.186879   35.472366  1344.448
 1.00000    17.087246  147.879692    5.501591
442.186879   51.734879  1649.861

  COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -15.956311  -553.930596   -13.877048
-371.164245   -46.771557  -2081.384
 0.25000   -15.956311  -528.609395   -13.877048
-371.164245   -39.272825  -2184.307
 0.50000   -15.956311  -504.593929   -13.877048
-371.164245   -40.126742  -2087.508
 0.75000   -15.956311  -481.258646   -13.877048
-396.179589   -43.449884  -1991.212
 1.00000   -15.956311  -459.080573   -13.877048
-428.729585   -47.493299  -1895.510

  COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    18.901098   70.378505    8.241725
529.654844   32.387234  703.698200
 0.25000    18.901098   83.041553    8.241725
527.753515   29.050518  856.172919
 0.50000    18.901098   99.837609    8.241725
527.753515   33.288508  1022.381
 0.75000    18.901098  117.832008    8.241725
527.753515   45.153001  1222.357
 1.00000    18.901098  137.684910    8.241725
527.753515   58.798884  1497.155

  COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -17.814732  -491.901869   -11.941353
-377.572287   -39.890723  -2132.232
 0.25000   -17.814732  -470.813898   -11.941353
-377.572287   -33.685209  -2064.544
 0.50000   -17.814732  -450.812061   -11.941353
-377.572287   -38.665841  -1997.402
 0.75000   -17.814732  -431.376797   -11.941353
-398.292817   -45.851925  -1931.219
 1.00000   -17.814732  -412.905414   -11.941353
-425.387529   -53.689467  -1865.976

  COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.418865   23.616098    4.509404
241.888671   26.944351  191.485004
 0.25000    7.418865   23.626773    4.509404
241.846372   27.351989  188.938881
 0.50000    7.418865   23.638617    4.509404
241.809822   28.011433  186.455916
 0.75000    7.418865   23.651244    4.509404
241.776144   28.830488  183.989013
 1.00000    7.418865   23.666044    4.509404
241.762961   29.665997  186.701967
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  690

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.689831  -42.359599   -1.439008
-111.013978   -3.143566  -322.104312
 0.25000   -7.689831  -42.344430   -1.439008
-111.030738   -3.982594  -343.930524
 0.50000   -7.689831  -42.330813   -1.439008
-111.063303   -6.529145  -366.571199
 0.75000   -7.689831  -42.317543   -1.439008
-111.102474   -10.328990  -389.849249
 1.00000   -7.689831  -42.304886   -1.439008
-111.147165   -14.817741  -413.786706

  COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    11.981031   41.863465   14.907334
428.770436   50.819477  358.650759
 0.25000    11.981031   41.874135   14.907334
428.728223   42.495331  352.910806
 0.50000    11.981031   41.885971   14.907334
428.691741   39.336989  347.985399
 0.75000    11.981031   41.898590   14.907334
428.658457   38.956084  343.853602
 1.00000    11.981031   41.913376   14.907334
428.645768   39.483866  378.734584

  COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -15.219288  -99.687728   -1.460083
-168.736622   -3.824455  -725.166841
 0.25000   -15.219288  -99.672570   -1.460083
-168.753145   -5.237742  -752.653871
 0.50000   -15.219288  -99.658959   -1.460083
-168.785225   -16.616836  -781.249215
 0.75000   -15.219288  -99.645695   -1.460083
-168.824326   -32.685292  -811.045556
 1.00000   -15.219288  -99.633043   -1.460083
-168.868928   -49.964480  -841.882230

  COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    12.412407   59.299176    9.547388
542.321669   40.929147  520.852164
 0.25000    12.412407   59.308779    9.547388
542.283664   37.582347  509.363390
 0.50000    12.412407   59.319183    9.547388
542.250820   36.239922  499.141294
 0.75000    12.412407   59.330791    9.547388
542.220805   38.589335  574.337804
 1.00000    12.412407   59.344101    9.547388
542.209311   41.519555  713.907915

  COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -13.848451  -196.137665   -3.388371
-174.593563   -9.255105   -1312.493
 0.25000   -13.848451  -196.124021   -3.388371
-174.608469   -8.753120   -1318.969
 0.50000   -13.848451  -196.111770   -3.388371
-174.637414   -14.770182   -1326.376
 0.75000   -13.848451  -196.099831   -3.388371
-174.672615   -23.441635   -1335.014
 1.00000   -13.848451  -196.088444   -3.388371
-174.712770   -33.031345   -1344.551

  COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    18.137969   69.421246    8.099665
590.512509   36.864912  659.782864
 0.25000    18.137969   79.740814    8.099665
566.061211   34.205646  764.989662
 0.50000    18.137969   91.684336    8.099665
541.922276   37.195738  880.646628
 0.75000    18.137969  104.447160    8.099665
541.922276   50.824351  1058.628
 1.00000    18.137969  118.978284    8.099665
541.922276   65.648305  1280.395
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  691

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -16.916605  -403.725848   -13.449098
-290.773710   -34.737807   -1891.589
 0.25000   -16.916605  -388.576279   -13.449098
-290.773710   -28.050292   -1850.291
 0.50000   -16.916605  -374.623884   -13.449098
-313.213121   -30.835953   -1809.766
 0.75000   -16.916605  -361.012435   -13.449098
-338.530178   -36.553646   -1770.309
 1.00000   -16.916605  -348.069160   -13.449098
-362.629085   -43.389659   -1731.724

  COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.528509   64.688481    6.945445
269.130261   20.991406  847.503893
 0.25000    16.528509   75.970394    6.945445
269.130261   19.939411  928.243081
 0.50000    16.528509   88.764432    6.945445
269.130261   20.431327   1015.988
 0.75000    16.528509  102.731825    6.945445
269.130261   22.455242   1105.128
 1.00000    16.528509  117.365808    6.945445
269.130261   24.989630   1192.290

  COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -26.500408  -498.624500   -3.502092
-690.751580   -16.995041   -2881.106
 0.25000   -26.500408  -472.400471   -3.502092
-682.226487   -64.453454   -2483.298
 0.50000   -26.500408  -446.498589   -3.502092
-673.721395   -69.662575   -2129.143
 0.75000   -26.500408  -421.344634   -3.502092
-665.216302   -75.647286   -1814.438
 1.00000   -26.500408  -397.414822   -3.502092
-656.711210   -82.089511   -1535.415

  COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    29.479517  107.671600    5.060858
434.039721   24.802797   1401.037
 0.25000    29.479517  121.838106    5.060858
434.039721   26.390061   1481.196
 0.50000    29.479517  137.872108    5.060858
434.039721   32.455903   1593.286
 0.75000    29.479517  155.377042    5.060858
434.039721   51.644462   1727.725
 1.00000    29.479517  173.793090    5.060858
434.039721   73.553541   1903.834

  COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -31.447366  -736.500273   -21.194738
-785.361229   -121.582559   -4578.139
 0.25000   -31.447366  -704.895674   -21.194738
-782.064815   -104.712786   -3972.984
 0.50000   -31.447366  -673.700937   -21.194738
-778.768474   -95.495606   -3435.419
 0.75000   -31.447366  -643.473891   -21.194738
-775.472134   -94.381666   -2961.059
 1.00000   -31.447366  -614.746780   -21.194738
-772.175793   -95.801544   -2544.423

  COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    26.938180  133.114024    5.449366
590.707828   28.664848   1677.376
 0.25000    26.938180  146.162222    5.449366
590.707828   30.833291   1731.913
 0.50000    26.938180  160.941316    5.449366
590.707828   36.429434   1822.431
 0.75000    26.938180  177.080058    5.449366
590.707828   50.568085   1976.529
 1.00000    26.938180  194.051343    5.449366
590.707828   66.758724   2165.393
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  692

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -30.544332  -777.059486   -16.403799
-736.946199   -102.543636   -5230.413
 0.25000   -30.544332  -748.045902   -16.403799
-734.578753   -92.488238   -4579.606
 0.50000   -30.544332  -719.429964   -16.403799
-732.211359   -87.663878   -4004.060
 0.75000   -30.544332  -691.698012   -16.403799
-729.843966   -87.878555   -3500.572
 1.00000   -30.544332  -665.348021   -16.403799
-727.476572   -89.930118   -3066.410

  COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    27.620821  141.381660   13.442986
691.057712   61.926783   1665.140
 0.25000    27.620821  152.257927   13.442986
691.057712   54.656114   1698.540
 0.50000    27.620821  164.576973   13.442986
691.057712   53.616375   1767.966
 0.75000    27.620821  178.029349   13.442986
691.057712   62.169117   1897.415
 1.00000    27.620821  192.175687   13.442986
691.057712   73.646573   2066.136

  COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -33.128211  -693.180912   -13.986833
-701.150172   -87.290281   -4836.516
 0.25000   -33.128211  -668.996769   -13.986833
-699.176798   -78.900593   -4267.521
 0.50000   -33.128211  -645.144084   -13.986833
-697.203467   -80.662627   -3768.318
 0.75000   -33.128211  -622.022640   -13.986833
-695.230137   -88.046834   -3341.081
 1.00000   -33.128211  -600.064324   -13.986833
-693.256807   -98.800211   -2981.073

  COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    12.147767   43.271461    0.377260
200.293091    8.104880  552.789642
 0.25000    12.147767   43.276411    0.377260
200.274673    7.788053  531.149686
 0.50000    12.147767   43.282006    0.377260
200.257074   11.155176  541.023061
 0.75000    12.147767   43.288115    0.377260
200.240659   28.370129  599.294431
 1.00000    12.147767   43.294602    0.377260
200.225796   47.929953  683.224475

  COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.274286  -200.640526   -18.106778
-55.054070   -54.344858   -1686.227
 0.25000   -3.274286  -200.631377   -18.106778
-55.069962   -32.721580   -1493.354
 0.50000   -3.274286  -200.622432   -18.106778
-55.087396   -17.971967   -1323.601
 0.75000   -3.274286  -200.613837   -18.106778
-55.106336   -12.155571   -1177.043
 1.00000   -3.274286  -200.605741   -18.106778
-55.126325   -8.757518   -1054.384

  COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    12.603947   82.294609    6.883363
440.111195   22.392210  969.596429
 0.25000    12.603947   82.299560    6.883363
440.292777   25.692705  927.513833
 0.50000    12.603947   82.305154    6.883363
440.275178   24.716369  921.719113
 0.75000    12.603947   82.311263    6.883363
440.258763   33.722988  992.212336
 1.00000    12.603947   82.317750    6.883363
440.243900   45.335487   1110.956
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  693

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.676506  -296.087869   -12.713795
-115.063778   -40.685947   -2669.070
 0.25000   -9.676506  -296.078720   -12.713795
-115.079571   -26.596115   -2393.329
 0.50000   -9.676506  -296.069775   -12.713795
-115.097104   -20.780771   -2153.011
 0.75000   -9.676506  -296.061180   -12.713795
-115.116045   -21.802441   -1951.225
 1.00000   -9.676506  -296.053084   -12.713795
-115.136033   -25.496284   -1791.466

  COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    22.443450  128.562886    6.890116
588.956687   37.606071   1543.069
 0.25000    22.443450  140.864737    6.890116
561.905414   32.425148   1576.416
 0.50000    22.443450  154.777112    6.890116
559.266332   37.095624   1637.850
 0.75000    22.443450  169.915127    6.890116
558.893120   51.011421   1758.095
 1.00000    22.443450  185.968414    6.890116
558.847438   67.825016   1910.467

  COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -23.465239  -653.711867   -18.432794
-452.754498   -90.519718   -4078.445
 0.25000   -23.465239  -628.879498   -18.432794
-459.610576   -73.546243   -4070.839
 0.50000   -23.465239  -604.485959   -18.432794
-468.969476   -65.707747   -3612.231
 0.75000   -23.465239  -580.952593   -18.432794
-503.374116   -64.723617   -3220.916
 1.00000   -23.465239  -558.684183   -18.432794
-539.759429   -66.742345   -2889.305

  COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    25.121131  139.383686   10.511773
696.136103   64.707936   1552.396
 0.25000    25.121131  149.628803   10.511773
673.607504   57.166197   1569.940
 0.50000    25.121131  161.215183   10.511773
671.409648   59.029599   1616.472
 0.75000    25.121131  173.822288   10.511773
671.098832   68.980192   1718.141
 1.00000    25.121131  187.191643   10.511773
671.060789   81.709497   1853.648

  COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -25.619731  -583.953109   -15.751037
-483.503690   -76.612530   -4219.167
 0.25000   -25.619731  -563.272438   -15.751037
-489.213507   -63.614056   -3781.214
 0.50000   -25.619731  -542.957229   -15.751037
-497.007702   -60.731205   -3392.152
 0.75000   -25.619731  -523.358383   -15.751037
-525.660266   -64.158279   -3070.464
 1.00000   -25.619731  -504.813005   -15.751037
-555.962356   -70.362006   -2803.697

  COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    11.950705   50.828898    4.957508
313.627906   48.259059  407.408659
 0.25000    11.950705   50.833843    4.957508
313.609552   47.446968  393.765428
 0.50000    11.950705   50.839431    4.957508
313.592016   47.426684  387.852841
 0.75000    11.950705   50.845528    4.957508
313.575659   48.118256  390.360414
 1.00000    11.950705   50.852015    4.957508
313.560853   49.259121  402.905139
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  694

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.590662  -55.442143   -2.204632
-176.285983   -5.294863  -562.396790
 0.25000   -9.590662  -55.432999   -2.204632
-176.301730   -6.629684  -548.432246
 0.50000   -9.590662  -55.424057   -2.204632
-176.319221   -9.350925  -550.612184
 0.75000   -9.590662  -55.415464   -2.204632
-176.338122   -13.218756  -561.917314
 1.00000   -9.590662  -55.407371   -2.204632
-176.358052   -17.791276  -581.247551

  COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.732179   86.757744   17.747226
546.687770   93.058711  755.017832
 0.25000    16.732179   86.762351   17.747226
546.669388   78.162802  724.510414
 0.50000    16.732179   86.767942   17.747226
546.651826   69.754089  710.414395
 0.75000    16.732179   86.774041   17.747226
546.635444   66.388749  716.387715
 1.00000    16.732179   86.780531   17.747226
546.620613   65.187185  751.709411

  COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.649696  -126.840910   -2.047892
-258.347934   -6.991003   -1308.722
 0.25000   -19.649696  -126.831764   -2.047892
-258.363697   -8.934203   -1245.448
 0.50000   -19.649696  -126.822820   -2.047892
-258.381206   -18.817194   -1206.519
 0.75000   -19.649696  -126.814126   -2.047892
-258.400127   -34.315643   -1189.677
 1.00000   -19.649696  -126.806132   -2.047892
-258.420080   -52.639549   -1196.059

  COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    17.950838  112.874858   12.105383
661.781251   78.267274   1112.497
 0.25000    17.950838  112.928293   12.105383
661.582729   69.570674   1066.623
 0.50000    17.950838  112.982575   12.105383
661.393055   65.966493   1049.348
 0.75000    17.950838  113.054547   12.105383
661.216128   67.098715   1095.649
 1.00000    17.950838  113.124637   12.105383
661.055955   70.371411   1183.449

  COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -16.956592  -254.362492   -6.138120
-249.296259   -19.525295   -2453.102
 0.25000   -16.956592  -254.263711   -6.138120
-249.466504   -16.635978   -2255.747
 0.50000   -16.956592  -254.167122   -6.138120
-249.655601   -19.961103   -2094.014
 0.75000   -16.956592  -254.074309   -6.138120
-249.859948   -27.614406   -1973.529
 1.00000   -16.956592  -253.986894   -6.138120
-250.075435   -38.237987   -1892.357

  COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    26.181767  136.646764   10.268709
749.007139   72.143259  1455.324
 0.25000    26.181767  144.321151   10.268709
725.721066   65.030753   1452.372
 0.50000    26.181767  152.999222   10.268709
702.764735   66.380379   1479.014
 0.75000    26.181767  162.473218   10.268709
681.517237   78.569143   1563.680
 1.00000    26.181767  172.560998   10.268709
678.592969   94.133278   1688.224
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<             MOVING             LOAD             >
                                  695

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -22.413681  -486.285860   -18.250489
-385.682507   -70.052074   -3717.032
 0.25000   -22.413681  -471.524830   -18.250489
-401.001866   -54.057620   -3353.711
 0.50000   -22.413681  -457.067896   -18.250489
-425.716598   -47.890829   -3045.327
 0.75000   -22.413681  -443.136461   -18.250489
-452.429221   -49.824026   -2773.478
 1.00000   -22.413681  -429.996598   -18.250489
-480.468847   -55.590300   -2569.790

  COMB     DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    23.323042   72.865605   14.907334
590.512509   50.819477  750.721701
 0.25000    23.323042   83.430294   14.907334
566.061211   42.495331  981.588153
 0.50000    23.323042  105.777889   14.907334
542.250820   39.336989   1258.299
 0.75000    23.323042  131.204621   14.907334
542.220805   50.824351   1596.552
 1.00000    23.323042  157.617832   14.907334
542.209311   65.648305   1964.048

  COMB     DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.907996  -659.027724   -17.209812
-616.171561   -66.023836   -2579.548
 0.25000   -19.907996  -629.929932   -17.209812
-616.171561   -56.096764   -2445.017
 0.50000   -19.907996  -600.881215   -17.209812
-616.171561   -55.345916   -2311.003
 0.75000   -19.907996  -572.727636   -17.209812
-616.171561   -58.614161   -2177.689
 1.00000   -19.907996  -546.055073   -17.209812
-616.171561   -68.560343   -2044.832

  COMB     DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    29.479517  141.381660   17.747226
749.737139   93.058711   1677.376
 0.25000    29.479517  152.257927   17.747226
725.721066   78.162802   1731.913
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 0.50000    29.479517   164.576973    17.747226
702.764735   69.754089    1822.431
 0.75000    29.479517   178.029349    17.747226
691.057712   78.569143    1976.529
 1.00000    29.479517   194.051343    17.747226
691.057712   94.133278    2165.393

 COMB      DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -33.128211  -777.059486  -21.194738
-785.361229 -121.582559   -5230.413
 0.25000  -33.128211  -748.045902  -21.194738
-782.064815 -104.712786   -4579.606
 0.50000  -33.128211  -719.429964  -21.194738
-778.768474  -95.495806   -4004.060
 0.75000  -33.128211  -691.698012  -21.194738
-775.472134  -94.381666   -3500.572
 1.00000  -33.128211  -665.348021  -21.194738
-772.175793  -98.800211   -3066.410

 COMB       CAR -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   29.479517   141.381660    17.747226
749.737139   93.058711    1677.376
 0.25000   29.479517   152.257927    17.747226
725.721066   78.162802    1731.913
 0.50000   29.479517   164.576973    17.747226
702.764735   69.754089    1822.431
 0.75000   29.479517   178.029349    17.747226
691.057712   78.569143    1976.529
 1.00000   29.479517   194.051343    17.747226
691.057712   94.133278    2165.393
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             696

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       CAR -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -33.128211  -777.059486  -21.194738
-785.361229 -121.582559   -5230.413
 0.25000  -33.128211  -748.045902  -21.194738
-782.064815 -104.712786   -4579.606
 0.50000  -33.128211  -719.429964  -21.194738
-778.768474  -95.495806   -4004.060
 0.75000  -33.128211  -691.698012  -21.194738
-775.472134  -94.381666   -3500.572
 1.00000  -33.128211  -665.348021  -21.194738
-772.175793  -98.800211   -3066.410

 COMB   DESIGN ---------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   29.479517   141.381660    17.747226
749.737139   93.058711    1677.376
 0.25000   29.479517   152.257927    17.747226
725.721066   78.162802    1731.913
 0.50000   29.479517   164.576973    17.747226
702.764735   69.754089    1822.431
 0.75000   29.479517   178.029349    17.747226
691.057712   78.569143    1976.529
 1.00000   29.479517   194.051343    17.747226
691.057712   94.133278    2165.393

 COMB   DESIGN ---------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -33.128211  -777.059486  -21.194738
-785.361229 -121.582559   -5230.413
 0.25000  -33.128211  -748.045902  -21.194738
-782.064815 -104.712786   -4579.606
 0.50000  -33.128211  -719.429964  -21.194738
-778.768474  -95.495806   -4004.060
 0.75000  -33.128211  -691.698012  -21.194738
-775.472134  -94.381666   -3500.572
 1.00000  -33.128211  -665.348021  -21.194738
-772.175793  -98.800211   -3066.410

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 COMB DB-G1-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.469310    75.844252    0.469218
 73.359207  18.291534    1209.070
 0.25000   12.469310    96.174288    0.469218
 73.359207  23.161816    1398.220
 0.50000   12.469310   118.496207    0.469218
 73.359207  28.997828    1557.179
 0.75000   12.469310   142.398452    0.469218
 73.359207  35.733553    1685.190
 1.00000   12.469310   166.474988    0.469218
 73.359207  43.495869    1784.748

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -12.245918  -371.172576    -8.018391
-519.209704  -46.501937  -993.960264
 0.25000  -12.245918  -346.588798    -8.018391
-519.209704  -43.754649  -929.275216
 0.50000  -12.245918  -321.501357    -8.018391
-519.209704  -41.009519  -864.590296
 0.75000  -12.245918  -297.377109    -8.018391
-519.209704  -39.291542  -799.905388
 1.00000  -12.245918  -274.747679    -8.018391
-519.209704  -35.586807  -735.502955

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   22.805364   108.428029    1.172604
172.529271   59.094051    1869.404
 0.25000   22.805364   134.093230    1.172604
172.529271   63.388676    2135.175
 0.50000   22.805364   162.168970    1.172604
172.529271   68.933858    2382.224
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             697

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   22.805364   192.169417    1.172604
172.529271   75.723779    2615.165
 1.00000   22.805364   223.153329    1.172604
172.529271   83.642567    2830.533

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.519930  -548.363460   -10.521510
-630.969340  -56.606941   -1674.161
 0.25000  -16.519930  -516.792246   -10.521510
-630.969340  -53.103323   -1574.302
 0.50000  -16.519930  -485.401282   -10.521510
-630.969340  -49.610948   -1474.446
 0.75000  -16.519930  -455.187117   -10.521510
-630.969340  -46.136270   -1374.592
 1.00000  -16.519930  -426.780483   -10.521510
-630.969340  -42.676508   -1275.065

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.779479   119.042824    2.033867
313.200316   49.413872    1964.803
 0.25000   19.779479   142.620081    2.033867
313.200316   52.901986    2269.059
 0.50000   19.779479   168.406012    2.033867
313.200316   57.789772    2564.591
 0.75000   19.779479   195.954436    2.033867
313.200316   64.003294    2852.278
 1.00000   19.779479   224.464324    2.033867
313.200316   71.378161    3125.467

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.841083  -575.112410    -9.385121
-548.670519  -51.541093   -2045.422
 0.25000  -16.841083  -546.066750    -9.385121
-548.670519  -48.159424   -1938.271
 0.50000  -16.841083  -517.248743    -9.385121
-548.670519  -44.889193   -1831.194
 0.75000  -16.841083  -489.508335    -9.385121
-548.670519  -41.891521   -1724.173
 1.00000  -16.841083  -463.424692    -9.385121
-548.670519  -39.453268   -1617.446

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   20.313155   114.845343    4.745866
414.160313   51.968388    1768.086
 0.25000   20.313155   134.493057    4.745866
414.160313   54.669763    2057.229
 0.50000   20.313155   155.981332    4.745866
414.160313   56.622217    2341.141
 0.75000   20.313155   178.938353    4.745866
414.160313   60.738658    2621.055
 1.00000   20.313155   202.696592    4.745866
414.160313   65.862880    2891.033

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -19.354580  -516.843463    -8.162264
-480.730303  -85.490274   -2023.027
 0.25000  -19.354580  -492.638747    -8.162264
-480.730303  -64.068305   -1932.324
 0.50000  -19.354580  -468.623741    -8.162264
-480.730303  -62.041109   -1841.716
 0.75000  -19.354580  -445.506734    -8.162264
-480.730303  -60.311494   -1751.294
 1.00000  -19.354580  -423.771055    -8.162264
-480.730303  -59.562318   -1661.133

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    9.952616    27.160938    0.730260
150.452303   37.271333   577.083757
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             698

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000    9.952616    27.171889    0.730260
150.412131   36.576565   642.382512
 0.50000    9.952616    27.184439    0.730260
150.377644   35.887141   730.787006
 0.75000    9.952616    27.197730    0.730260
150.350730   35.240607   848.879357
 1.00000    9.952616    27.212876    0.730260
150.328800   34.594541   990.644649

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -2.585576  -137.899691    -1.464551
-74.815497   -5.948680  -731.401518
 0.25000   -2.585576  -137.884373    -1.464551
-74.848095   -5.589373  -698.319790
 0.50000   -2.585576  -137.870648    -1.464551
-74.882799   -5.234919  -665.238726
 0.75000   -2.585576  -137.857376    -1.464551
-74.918235   -4.884205  -632.158420
 1.00000   -2.585576  -137.844826    -1.464551
-74.961867   -4.543138  -599.078223

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    9.579571    49.052409    2.981962
340.249883   33.518815   818.724417
 0.25000    9.579571    49.063991    2.981962
340.209696   31.866910   943.439432
 0.50000    9.579571    49.076543    2.981962
340.175197   30.629369   1107.094
 0.75000    9.579571    49.089834    2.981962
340.148223   29.719197   1293.459
 1.00000    9.579571    49.104982    2.981962
340.126286   29.017359   1510.099

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.073580  -209.443863    -1.596874
-65.003428  -21.738702   -1253.846
 0.25000   -8.073580  -209.428543    -1.596874
-65.036037  -21.023658   -1208.430
 0.50000   -8.073580  -209.414816    -1.596874
-65.070753  -20.317713   -1163.141
 0.75000   -8.073580  -209.401544    -1.596874
-65.107201  -19.612031   -1117.961
 1.00000   -8.073580  -209.388993    -1.596874
-65.149849  -19.582575   -1072.781

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   16.326969   103.634093    2.994204
353.418925   52.538664    1649.544
 0.25000   16.326969   123.585429    2.994204
346.980549   52.990344    1924.357
 0.50000   16.326969   145.292180    2.994204
346.980549   54.488285    2193.208
 0.75000   16.326969   168.383833    2.994204
346.980549   57.296657    2457.278
 1.00000   16.326969   193.498499    2.994204
346.980549   61.093406    2710.390

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -15.623713  -492.557341    -6.703247
-325.641938  -46.526369   -1895.800
 0.25000  -15.623713  -467.126166    -6.703247
-325.641938  -44.120493   -1807.316
 0.50000  -15.623713  -443.117096    -6.703247
-342.090612  -41.716402   -1718.942
 0.75000  -15.623713  -419.956493    -6.703247
-373.359738  -39.312549   -1630.663
 1.00000  -15.623713  -398.120412    -6.703247
-401.451446  -37.114795   -1542.583
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             699

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   17.835929   101.678495    5.936174
446.003430   58.504583    1496.197
 0.25000   17.835929   118.294925    5.936174
440.789005   57.605544    1755.338
 0.50000   17.835929   136.373472    5.936174
440.789005   57.573146    2011.284
 0.75000   17.835929   155.605545    5.936174
440.789005   58.612785    2265.175
 1.00000   17.835929   176.471286    5.936174
440.789005   60.462643    2511.271

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -17.143955  -441.513861    -5.642651
-302.942027  -51.694315   -1865.954
 0.25000  -17.143955  -420.334462    -5.642651
-302.942027  -51.271487   -1794.118
 0.50000  -17.143955  -400.381154    -5.642651
-316.534060  -51.269339   -1722.515
 0.75000  -17.143955  -381.048557    -5.642651
-342.562194  -51.763106   -1651.033
 1.00000  -17.143955  -362.862169    -5.642651
-365.944597  -53.180586   -1579.874

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.752787    23.179061    5.639128
229.702727   28.297074   185.661542
 0.25000    6.752787    23.190648    5.639128
229.562468   27.881229   227.981229
 0.50000    6.752787    23.203205    5.639128
229.627912   24.056845   271.489596
 0.75000    6.752787    23.216502    5.639128
229.600638   21.967654   318.240931
 1.00000    6.752787    23.231661    5.639128
229.578659   19.923892   366.664010

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.109383   -43.566339    -0.186761
-56.108548  -13.536375   -413.349828
 0.25000   -7.109383   -43.551010    -0.186761
-56.118416  -17.071300   -418.536502
 0.50000   -7.109383   -43.537278    -0.186761
-56.153191  -21.172543   -423.871791
 0.75000   -7.109383   -43.524000    -0.186761
-56.189699  -25.791994   -429.520028
 1.00000   -7.109383   -43.511994    -0.186761
-56.232423  -30.927995   -435.263147

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.877180    42.377626    8.727824
408.119410   38.592470   376.912264
 0.25000   10.877180    42.389207    8.727824
408.079238   35.194177   466.937806
 0.50000   10.877180    42.401757    8.727824
408.044751   31.998275   564.265638
 0.75000   10.877180    42.415048    8.727824
408.017837   28.925491   668.366995
 1.00000   10.877180    42.430194    8.727824
407.995907   25.997122   778.448132

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.546571   -99.920065    -0.870133
-76.033360  -48.100590   -841.246218
 0.25000  -14.546571   -99.904748    -0.870133
-76.065958  -50.949621   -839.400630
 0.50000  -14.546571   -99.891022    -0.870133
-76.100461  -54.527591   -837.943983
 0.75000  -14.546571   -99.877751    -0.870133
-76.137097  -58.778425   -836.751711
 1.00000  -14.546571   -99.865201    -0.870133
-76.179730  -63.858952   -835.752463
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             700

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   11.246169    59.710754    8.070358
505.566055   41.403573   711.795577
 0.25000   11.246169    59.721178    8.070358
505.529887   38.075379   855.576468
 0.50000   11.246169    59.732475    8.070358
505.498839   35.072190   1020.279
 0.75000   11.246169    59.744437    8.070358
505.474562   32.361435   1204.419
 1.00000   11.246169    59.758070    8.070358
505.454818   29.856481   1402.663

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -12.933556  -185.858496    -0.767483
-68.872647  -31.582842   -1343.965
 0.25000  -12.933556  -185.844618    -0.767483
-68.901996  -34.502757   -1318.914
 0.50000  -12.933556  -185.832264    -0.767483
-68.933240  -38.086253   -1294.276
 0.75000  -12.933556  -185.820319    -0.767483
-68.966043  -42.284738   -1271.892
 1.00000  -12.933556  -185.809023    -0.767483
-69.004426  -47.199759   -1245.692

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   17.043446    89.540790    7.161297
527.684778   65.180091    1278.876
 0.25000   17.043446   101.295335    7.161297
502.648705   62.460971    1500.935
 0.50000   17.043446   114.051332    7.161297
482.527696   60.556841    1734.415
 0.75000   17.043446   127.589156    7.161297
473.277967   59.258623    1965.293
 1.00000   17.043446   142.656694    7.161297
473.277967   58.726666    2201.764

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.170626  -367.302187    -3.983842
-211.992844  -41.405912   -1731.467
 0.25000  -16.170626  -352.037783    -3.983842
-229.755712  -42.785822   -1675.297
 0.50000  -16.170626  -338.070262    -3.983842
-252.889994  -44.719611   -1619.477
 0.75000  -16.170626  -324.462416    -3.983842
-275.683429  -47.168081   -1563.872
 1.00000  -16.170626  -311.669906    -3.983842
-309.929520  -50.536804   -1508.522

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.952584    94.811643    0.870677
146.753288   24.327127    1193.283
 0.25000   15.952584   108.497637    0.870677
146.753288   27.361743    1308.077
 0.50000   15.952584   123.675311    0.870677
146.753288   31.992860    1417.642
 0.75000   15.952584   139.925925    0.870677
146.753288   38.054902    1519.466
 1.00000   15.952584   156.825295    0.870677
146.753288   44.997175    1636.699

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -26.302346  -388.882757   -10.529465
-628.180764   -80.728402   -1534.430
 0.25000  -26.302346  -364.926872   -10.529465
-619.674260   -72.889474   -1340.423
 0.50000  -26.302346  -341.312051   -10.529465
-611.167756   -65.950986   -1178.694
 0.75000  -26.302346  -318.517322   -10.529465
-602.661252   -59.816816   -1055.983
 1.00000  -26.302346  -296.975625   -10.529465
-594.154748   -54.325862   -990.136843
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             701

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   28.930606   148.012873    1.930988
273.164906   72.560125    1904.730
 0.25000   28.930606   164.851303    1.930988
273.164906   75.915670    2056.941
 0.50000   28.930606   183.597678    1.930988
273.164906   80.931171    2226.499
 0.75000   28.930606   203.701955    1.930988
273.164906   87.602864    2417.777
 1.00000   28.930606   224.652868    1.930988
273.164906   95.513361    2658.582

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -31.346664  -588.134729   -13.607093
-743.076152  -94.260576   -2543.426
 0.25000  -31.346664  -559.006128   -13.607093
-739.779265   -84.941842   -2239.481
 0.50000  -31.346664  -530.380521   -13.607093
-736.482377   -76.705452   -1994.133
 0.75000  -31.346664  -502.783438   -13.607093
-733.185489   -69.424703   -1813.863
 1.00000  -31.346664  -476.741880   -13.607093
-729.888601   -62.941496   -1727.434

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   26.088017   166.307233    3.221205
425.130221   66.393164    2165.601
 0.25000   26.088017   181.842080    3.221205
425.130221   68.024903    2344.910
 0.50000   26.088017   199.093696    3.221205
425.130221   71.324129    2555.226
 0.75000   26.088017   217.592490    3.221205
425.130221   76.559285    2804.797
 1.00000   26.088017   236.874322    3.221205
425.130221   83.151520    3116.443

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -30.152514  -640.028858   -12.195605
-655.314965   -88.170989   -3065.714
 0.25000  -30.152514  -613.274277   -12.195605
-652.947179   -79.737127   -2738.491
 0.50000  -30.152514  -586.987643   -12.195605
-650.579392   -72.387828   -2484.794
 0.75000  -30.152514  -561.650150   -12.195605
-648.211606   -66.443352   -2309.946
 1.00000  -30.152514  -537.746179   -12.195605
-645.843819   -61.729087   -2236.154

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   26.414009   162.513824    6.399457
543.040674   73.222058    2065.628
 0.25000   26.414009   175.462825    6.399457
543.040674   72.177386    2237.009
 0.50000   26.414009   189.842832    6.399457
543.040674   72.768479    2440.332
 0.75000   26.414009   205.262418    6.399457
543.040674   75.210945    2691.577
 1.00000   26.414009   221.334702    6.399457
543.040674   78.996065    2998.471

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -32.413082  -581.857747   -10.480612
-592.012575   -96.946285   -2980.355
 0.25000  -32.413082  -559.556587   -10.480612
-590.038918   -91.030526   -2699.644
 0.50000  -32.413082  -537.645482   -10.480612
-588.065260   -86.353736   -2505.378
 0.75000  -32.413082  -516.525529   -10.480612
-586.091602   -83.203763   -2351.738
 1.00000  -32.413082  -496.600482   -10.480612
-584.117944   -81.371159   -2305.291
 Program   SAP2000   Nonlinear   Version   7.42
           File:하행S06-S1003.OUT

                      Page
<           MOVING          LOAD          >
                             702

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.264477    47.216202    1.116631
166.768025   47.839980    682.875840
 0.25000   12.264477    47.221704    1.116631
166.750785   47.406121    717.057728
 0.50000   12.264477    47.227830    1.116631
166.734321   47.060458    782.978626
 0.75000   12.264477    47.234431    1.116631
166.719070   46.803714    886.016674
 1.00000   12.264477    47.241369    1.116631
166.705404   46.763601    1028.713

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.364773  -172.684783    -1.775609
-67.544940   -8.859128   -1054.521
 0.25000   -3.364773  -172.675992    -1.775609
-67.560965   -8.151507   -950.236752
 0.50000   -3.364773  -172.667447    -1.775609
-67.578633   -7.533696   -878.588288
 0.75000   -3.364773  -172.659290    -1.775609
-67.597590   -7.005936   -830.968205
 1.00000   -3.364773  -172.651678    -1.775609
-67.617442   -6.692443   -819.169500

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.113863    81.553749    3.820238
388.536737   45.985145    1109.843
 0.25000   12.113863    81.559250    3.820238
388.519498   43.434322    1182.989
 0.50000   12.113863    81.565377    3.820238
388.503034   41.250792    1302.372
 0.75000   12.113863    81.571978    3.820238
388.487783   39.712839    1481.108
 1.00000   12.113863    81.578915    3.820238
388.474117   38.631138    1714.527

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -9.382301  -270.913023    -1.827569
```

```
-69.472484   -24.985095   -1791.749
 0.25000     -9.382301  -270.904233    -1.827569
-69.488509   -24.459184   -1649.847
 0.50000     -9.382301  -270.895687    -1.827569
-69.506177   -24.159968   -1554.052
 0.75000     -9.382301  -270.887530    -1.827569
-69.525134   -24.687103   -1506.149
 1.00000     -9.382301  -270.879918    -1.827569
-69.544986   -25.823078   -1504.556

  COMB DL-G2-3 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     21.680219   148.001882     4.122216
 474.153939     67.915342    1909.977
   0.25000     21.680219   162.124187     4.122216
 446.084124     67.572917    2075.905
   0.50000     21.680219   177.778968     4.122216
 440.286051     68.523514    2270.728
   0.75000     21.680219   194.645259     4.122216
 440.273220     70.772234    2503.074
   1.00000     21.680219   212.315146     4.122216
 440.268049     74.098383    2790.634

  COMB DL-G2-3 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -23.077364  -557.090084    -8.416734
-381.584357   -65.515530   -2889.381
   0.25000    -23.077364  -533.722364    -8.416734
-389.971754   -60.625723   -2556.533
   0.50000    -23.077364  -510.866068    -8.416734
-414.636912   -56.436438   -2365.251
   0.75000    -23.077364  -488.961442    -8.416734
-450.396934   -53.183181   -2180.884
   1.00000    -23.077364  -468.390936    -8.416734
-485.093074   -51.904298   -2134.960
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  703

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-4 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     23.951724   148.524612     7.938735
 587.782421    81.264104    1852.507
   0.25000     23.951724   160.285823     7.938735
 566.071191    77.818373    2009.540
   0.50000     23.951724   173.323298     7.938735
 559.576869    75.767267    2194.782
   0.75000     23.951724   187.397732     7.938735
 559.566184    75.092603    2427.288
   1.00000     23.951724   202.085408     7.938735
 559.561877    75.534497    2707.175

  COMB DL-G2-4 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -24.793298  -505.113917    -7.163085
-380.669107   -68.784196   -2803.514
   0.25000    -24.793298  -485.653022    -7.163085
-387.654224   -66.300005   -2526.678
   0.50000    -24.793298  -466.610046    -7.163085
-408.195640   -64.937594   -2368.073
   0.75000    -24.793298  -448.375632    -7.163085
-437.976981   -65.017400   -2232.597
   1.00000    -24.793298  -431.244288    -7.163085
-466.872309   -66.354621   -2213.584

  COMB DL-G3-1 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     11.165650    40.142722     7.584418
 292.461562    48.519152    401.784860
   0.25000     11.165650    40.148219     7.584418
 292.444387    42.940322    425.670550
   0.50000     11.165650    40.154341     7.584418
 292.427984    37.969264    455.981739
   0.75000     11.165650    40.160936     7.584418
 292.412791    33.588983    510.256277
   1.00000     11.165650    40.167867     7.584418
 292.399179    29.688409    566.068865

  COMB DL-G3-1 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -8.839895   -57.268779    -0.268397
-110.783657   -20.062193   -580.783265
   0.25000    -8.839895   -57.259994    -0.268397
-110.839640   -20.009259   -582.966283
   0.50000    -8.839895   -57.251453    -0.268397
-110.857263   -23.843250   -590.830356
   0.75000    -8.839895   -57.243300    -0.268397
-110.876172   -28.498528   -622.090493
   1.00000    -8.839895   -57.235692    -0.268397
-110.895973   -33.822701   -654.604769

  COMB DL-G3-2 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     15.383958    69.774471    11.204447
 513.652987    64.724001    749.828994
   0.25000     15.383958    69.779970    11.204447
 513.635785    56.964296    804.133904
   0.50000     15.383958    69.786094    11.204447
 513.619356    50.100722    875.836954
   0.75000     15.383958    69.792691    11.204447
 513.604138    44.147766    991.822639
   1.00000     15.383958    69.799625    11.204447
 513.590503    38.750857    1117.386

  COMB DL-G3-2 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -18.553553  -131.809299    -0.841962
-147.197801   -51.537618   -1195.548
   0.25000    -18.553553  -131.800512    -0.841962
-147.213801   -55.216566   -1174.880
   0.50000    -18.553553  -131.791969    -0.841962
-147.231444   -59.989567   -1169.254
   0.75000    -18.553553  -131.783815    -0.841962
-147.250373   -65.829663   -1205.240
   1.00000    -18.553553  -131.776205    -0.841962
-147.270196   -72.585431   -1249.854
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  704

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G3-3 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     16.724883    97.060463    10.606666
 607.122167    81.455907    1181.325
   0.25000     16.724883    97.119848    10.606666
 606.936387    62.836025    1268.722
   0.50000     16.724883    97.185984    10.606666
 606.758952    55.973156    1392.747
   0.75000     16.724883    97.257240    10.606666
 606.594597    50.093821    1579.288
   1.00000     16.724883    97.332125    10.606666
 606.447341    45.013517    1801.176

  COMB DL-G3-3 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -15.934906  -245.410910    -0.883966
-131.468323   -37.575218   -1892.143
   0.25000    -15.934906  -245.316009    -0.883966
-131.641125   -40.773177   -1800.352
   0.50000    -15.934906  -245.223743    -0.883966
-131.831663   -44.904928   -1748.754
   0.75000    -15.934906  -245.135680    -0.883966
-132.036098   -50.191874   -1754.383
   1.00000    -15.934906  -245.053492    -0.883966
-132.250186   -56.427308   -1791.827

  COMB DL-G3-4 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     25.080361    137.016177     9.619421
 656.694034    93.828410    1682.631
   0.25000     25.080361    145.668384     9.619421
 634.541278    88.225580    1816.849
   0.50000     25.080361    155.292077     9.619421
 613.396625    83.680570    1992.715
   0.75000     25.080361    165.661808     9.619421
 593.325491    80.594535    2203.261
   1.00000     25.080361    176.527285     9.619421
 588.452573    78.500513    2468.911

  COMB DL-G3-4 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -21.531911   -430.909400    -4.960078
-290.779543   -54.601747   -2569.552
   0.25000    -21.531911   -416.852407    -4.960078
-313.152388   -54.743618   -2382.087
   0.50000    -21.531911   -403.160116    -4.960078
-337.931646   -55.955132   -2355.136
   0.75000    -21.531911   -390.065741    -4.960078
-364.512967   -58.393799   -2193.115
   1.00000    -21.531911   -377.805043    -4.960078
-392.224676   -61.866299   -2190.621

  COMB     DB ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     22.805364    119.042824     8.727824
 527.684778    65.180091    1964.803
   0.25000     22.805364    142.620081     8.727824
 505.529887    63.388676    2269.059
   0.50000     22.805364    168.406012     8.727824
 505.498839    68.933858    2564.591
   0.75000     22.805364    195.954436     8.727824
 505.474562    75.723779    2852.278
   1.00000     22.805364    224.464324     8.727824
 505.454818    83.642567    3125.467

  COMB     DB ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -19.354580   -575.112410    -10.521510
-630.969340   -66.490274   -2045.422
   0.25000    -19.354580   -546.066750    -10.521510
-630.969340   -64.068305   -1938.271
   0.50000    -19.354580   -517.248743    -10.521510
-630.969340   -62.041109   -1841.716
   0.75000    -19.354580   -489.508335    -10.521510
-630.969340   -60.311494   -1751.294
   1.00000    -19.354580   -463.424692    -10.521510
-630.969340   -58.858952   -1661.133
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  705

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB     DL ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     28.930606    166.307233    11.204447
 656.694034    93.828410    2165.601
   0.25000     28.930606    181.842080    11.204447
 634.541278    88.225580    2344.910
   0.50000     28.930606    199.093696    11.204447
 613.396625    83.680570    2555.226
   0.75000     28.930606    217.592490    11.204447
 606.594597    87.602864    2804.797
   1.00000     28.930606    236.874322    11.204447
 606.447341    95.513361    3116.443

  COMB     DL ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -32.413082   -640.028858    -13.607093
-743.076152   -96.946285   -3065.714
   0.25000    -32.413082   -613.274277    -13.607093
-739.779265   -91.030526   -2738.491
   0.50000    -32.413082   -586.987643    -13.607093
-736.482377   -86.353742   -2485.378
   0.75000    -32.413082   -561.650150    -13.607093
-733.185489   -83.203763   -2351.738
   1.00000    -32.413082   -537.746179    -13.607093
-729.888601   -81.371159   -2305.291

  COMB     CAR ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     28.930606    166.307233    11.204447
 656.694034    93.828410    2165.601
   0.25000     28.930606    181.842080    11.204447
 634.541278    88.225580    2344.910
   0.50000     28.930606    199.093696    11.204447
 613.396625    83.680570    2564.591
   0.75000     28.930606    217.592490    11.204447
 606.594597    87.602864    2852.278
   1.00000     28.930606    236.874322    11.204447
 606.447341    95.513361    3125.467

  COMB     CAR ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -32.413082   -640.028858    -13.607093
-743.076152   -96.946285   -3065.714
   0.25000    -32.413082   -613.274277    -13.607093
-739.779265   -91.030526   -2738.491
   0.50000    -32.413082   -586.987643    -13.607093
-736.482377   -86.353742   -2485.378
   0.75000    -32.413082   -561.650150    -13.607093
-733.185489   -83.203763   -2351.738
   1.00000    -32.413082   -537.746179    -13.607093
-729.888601   -81.371159   -2305.291

  COMB  DESIGN ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     28.930606    166.307233    11.204447
 656.694034    93.828410    2165.601
   0.25000     28.930606    181.842080    11.204447
 634.541278    88.225580    2344.910
   0.50000     28.930606    199.093696    11.204447
 613.396625    83.680570    2564.591
   0.75000     28.930606    217.592490    11.204447
 606.594597    87.602864    2852.278
   1.00000     28.930606    236.874322    11.204447
 606.447341    95.513361    3125.467

  COMB  DESIGN ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -32.413082   -640.028858    -13.607093
-743.076152   -96.946285   -3065.714
   0.25000    -32.413082   -613.274277    -13.607093
-739.779265   -91.030526   -2738.491
   0.50000    -32.413082   -586.987643    -13.607093
-736.482377   -86.353742   -2485.378
   0.75000    -32.413082   -561.650150    -13.607093
-733.185489   -83.203763   -2351.738
   1.00000    -32.413082   -537.746179    -13.607093
-729.888601   -81.371159   -2305.291
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  706

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       37 ================== LENGTH
=     4.987423

  COMB DB-G1-1 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     11.943963    114.984227     0.689780
 56.844996    42.855082    1786.458
   0.25000     11.943963    136.045855     0.689780
 56.844996    46.996590    1920.968
   0.50000     11.943963    159.086063     0.689780
 56.844996    52.280773    2023.810
   0.75000     11.943963    183.612207     0.689780
 56.844996    58.514391    2094.229
   1.00000     11.943963    208.193052     0.689780
 56.844996    65.810865    2137.196

  COMB DB-G1-1 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -11.981515   -328.840021    -7.942981
-445.622673   -34.396776   -735.793192
   0.25000    -11.981515   -303.991184    -7.942981
-445.622673   -30.890936   -689.673429
   0.50000    -11.981515   -278.815909    -7.942981
-445.622673   -27.385774   -643.553826
   0.75000    -11.981515   -254.763410    -7.942981
-445.622673   -23.885550   -597.434254
   1.00000    -11.981515   -232.371629    -7.942981
-445.622673   -20.388132   -551.314694

  COMB DB-G1-2 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     22.233866    163.636035     3.819279
 149.375980    82.807022    2832.228
   0.25000     22.233866    190.190247     3.819279
 149.375980    83.263382    3015.061
   0.50000     22.233866    219.151800     3.819279
 149.375980    85.064013    3175.120
   0.75000     22.233866    249.937518     3.819279
 149.375980    88.751291    3319.159
   1.00000     22.233866    281.575433     3.819279
 149.375980    95.222497    3444.614

  COMB DB-G1-2 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -16.307623   -482.903147    -10.042889
-573.913639   -41.325062   -1275.443
   0.25000    -16.307623   -450.962999    -10.042889
-573.913639   -37.467712   -1199.212
   0.50000    -16.307623   -419.422165    -10.042889
-573.913639   -33.623294   -1122.981
   0.75000    -16.307623   -389.240249    -10.042889
-573.913639   -29.833691   -1046.752
   1.00000    -16.307623   -361.053366    -10.042889
-573.913639   -26.090259   -970.522117

  COMB DB-G1-3 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     18.990055    167.221320     3.649650
 270.325652    71.550047    3126.407
   0.25000     18.990055    191.612566     3.649650
 270.325652    72.584202    3340.920
   0.50000     18.990055    218.210747     3.649650
 270.325652    75.118148    3541.211
   0.75000     18.990055    246.480372     3.649650
 270.325652    79.449205    3731.071
   1.00000     18.990055    275.592490     3.649650
 270.325652    86.073633    3905.423

  COMB DB-G1-3 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -16.350304   -502.242258    -9.224023
-527.927831   -37.419398   -1617.762
   0.25000    -16.350304   -472.855187    -9.224023
-527.927831   -33.950611   -1528.333
   0.50000    -16.350304   -443.896559    -9.224023
-527.927831   -30.869837   -1438.904
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  707

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  REL DIST            P            V2           V3
         T           M2           M3
   0.75000    -16.350304   -416.181462    -9.224023
-527.927831   -27.827750   -1349.474
   1.00000    -16.350304   -390.293866    -9.224023
-527.927831   -25.306857   -1260.045

  COMB DB-G1-4 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     19.289486    155.246315     5.793084
 349.446569    65.764331    2891.113
   0.25000     19.289486    175.572344     5.793084
 349.446569    65.626194    3100.059
   0.50000     19.289486    197.737503     5.793084
 349.446569    66.837588    3298.352
   0.75000     19.289486    221.295524     5.793084
 349.446569    69.603096    3489.112
   1.00000     19.289486    245.555623     5.793084
 349.446569    74.344360    3668.002

  COMB DB-G1-4 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -18.747529   -449.877502    -9.547737
-461.670517   -57.331452   -1661.289
   0.25000    -18.747529   -425.388277    -9.547737
-461.670517   -53.531904   -1577.911
   0.50000    -18.747529   -401.256087    -9.547737
-461.670517   -50.042355   -1494.594
   0.75000    -18.747529   -378.160173    -9.547737
-461.670517   -48.357166   -1411.301
   1.00000    -18.747529   -356.587176    -9.547737
-461.670517   -47.400466   -1328.015

  COMB DB-G2-1 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     9.977597    35.206116     3.397811
 136.163735    34.601048    990.359426
   0.25000     9.977597    35.218058     3.397811
 136.124448    30.595861    1026.599
   0.50000     9.977597    35.230973     3.397811
 136.090924    26.593269    1087.525
   0.75000     9.977597    35.244614     3.397811
 136.061599    23.051833    1174.001
   1.00000     9.977597    35.260090     3.397811
 136.039896    20.893590    1283.584

  COMB DB-G2-1 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -2.726363  -115.057896    -1.123025
-119.681035   -4.553924  -599.126285
   0.25000    -2.726363  -115.042349    -1.123025
-119.711936   -4.490836  -567.908334
   0.50000    -2.726363  -115.028483    -1.123025
-119.745284   -4.441054  -536.690551
   0.75000    -2.726363  -115.015119    -1.123025
-119.780556   -4.421920  -505.472850
   1.00000    -2.726363  -115.002525    -1.123025
-119.822161   -4.448411  -474.255161

  COMB DB-G2-2 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     9.137699    56.709849     4.474095
 296.065014    30.261375    1509.019
   0.25000     9.137699    56.721793     4.474095
 296.025713    26.711492    1594.489
   0.50000     9.137699    56.734709     4.474095
 295.992178    23.590523    1708.020
   0.75000     9.137699    56.748351     4.474095
 295.962798    21.185142    1853.718
   1.00000     9.137699    56.763829     4.474095
 295.941087    20.235020    2022.616

  COMB DB-G2-2 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -7.836626  -174.377776    -2.657852
-127.583135   -18.795153   -1072.766
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  708

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  REL DIST            P            V2           V3
         T           M2           M3
   0.25000    -7.836626  -174.362226    -2.657852
-127.614047   -17.444437   -1022.914
   0.50000    -7.836626  -174.348360    -2.657852
-127.647407   -16.288968   -973.061772
   0.75000    -7.836626  -174.334995    -2.657852
-127.682691   -16.370031   -923.229019
   1.00000    -7.836626  -174.322399    -2.657852
-127.724311   -17.048236   -873.404709

  COMB DB-G2-3 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     15.590025    138.616770     5.421640
 321.805316    61.776988    2710.287
   0.25000     15.590025    159.207541     5.421640
 301.260848    60.242114    2910.335
   0.50000     15.590025    181.572240     5.421640
 301.260848    60.044041    3098.734
   0.75000     15.590025    205.270688     5.421640
 301.260848    61.596008    3279.031
   1.00000     15.590025    230.882209     5.421640
 301.260848    64.903558    3446.856

  COMB DB-G2-3 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -15.238089   -430.354613    -7.371874
-332.226885   -36.155780   -1542.760
   0.25000    -15.238089   -404.583329    -7.371874
-332.226885   -33.188053   -1462.569
   0.50000    -15.238089   -380.396724    -7.371874
-360.637335   -30.363889   -1382.377
   0.75000    -15.238089   -357.170738    -7.371874
-389.949839   -28.661186   -1302.203
   1.00000    -15.238089   -335.383274    -7.371874
-416.489893   -27.503475   -1222.036

  COMB DB-G2-4 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     16.834268    131.181666     7.759453
 390.005307    60.231876    2510.472
   0.25000     16.834268    148.330701     7.759453
 373.028781    57.775489    2703.685
   0.50000     16.834268    166.957250     7.759453
 373.028781    56.423341    2881.367
   0.75000     16.834268    186.694693     7.759453
 373.028781    56.539329    3067.156
   1.00000     16.834268    208.007859     7.759453
 373.028781    58.155288    3235.921

  COMB DB-G2-4 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -16.483131   -384.816198    -6.858134
-303.083176   -51.156535   -1579.882
   0.25000    -16.483131   -363.353595    -6.858134
-303.083176   -49.583435   -1506.610
   0.50000    -16.483131   -343.209490    -6.858134
-326.633512   -48.721727   -1433.405
   0.75000    -16.483131   -323.865531    -6.858134
-351.031977   -49.270231   -1360.306
   1.00000    -16.483131   -305.719758    -6.858134
-373.123366   -50.723191   -1287.212

  COMB DB-G3-1 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     6.147914    23.756120     5.434986
 185.004771    18.774490    365.576572
   0.25000     6.147914    23.768069     5.434986
 184.965398    16.487378    403.418223
   0.50000     6.147914    23.780991     5.434986
 184.931806    14.258207    442.439737
   0.75000     6.147914    23.794639     5.434986
 184.902151    12.076439    482.599189
   1.00000     6.147914    23.810127     5.434986
 184.880399     9.984177    523.688533
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                  709

  F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G3-1 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -6.614580   -37.175345    -0.385436
-43.724769   -29.534289   -435.021233
   0.25000    -6.614580   -37.159786    -0.385436
-43.755740   -32.128071   -427.048702
   0.50000    -6.614580   -37.145913    -0.385436
-43.789158   -35.396212   -419.076172
   0.75000    -6.614580   -37.132543    -0.385436
-43.824503   -39.310400   -411.245827
   1.00000    -6.614580   -37.119941    -0.385436
-43.866200   -43.983962   -403.540494

  COMB DB-G3-2 ------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     9.894408    43.491982     8.216369
 332.202873    25.193775    776.601577
   0.25000     9.894408    43.503924     8.216369
 332.163586    21.796780    853.873927
   0.50000     9.894408    43.516839     8.216369
 332.130062    18.627245    935.590895
   0.75000     9.894408    43.530480     8.216369
 332.100737    15.665962    1021.203
   1.00000     9.894408    43.545956     8.216369
 332.079035    13.015357    1110.256

  COMB DB-G3-2 ------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -13.972781   -84.004003    -3.166319
-64.535325   -61.835663   -835.425959
   0.25000    -13.972781   -83.988456    -3.166319
-64.566226   -61.421971   -813.417528
   0.50000    -13.972781   -83.974591    -3.166319
-64.599574   -61.967463   -791.413246
   0.75000    -13.972781   -83.961227    -3.166319
-64.634846   -64.883833   -769.656469
   1.00000    -13.972781   -83.948632    -3.166319
-64.676450   -70.493944   -747.984589

  COMB DB-G3-3 ------------------- MAX
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.219805   60.876064    7.967108
421.646143   29.804035    1400.586
 0.25000   10.219805   60.886813    7.967108
421.610772   26.195697    1513.835
 0.50000   10.219805   60.898437    7.967108
421.580590   23.001119    1642.965
 0.75000   10.219805   60.910715    7.967108
421.554148   20.162374    1787.873
 1.00000   10.219805   60.924646    7.967108
421.534609   17.713115    1945.235

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.173150 -154.759316   -2.056852
-104.935703  -45.557344   -1245.410
 0.25000  -12.173150 -154.745321   -2.056852
-104.963525  -46.930556   -1201.447
 0.50000  -12.173150 -154.732841   -2.056852
-104.993548  -49.183079   -1157.484
 0.75000  -12.173150 -154.720813   -2.056852
-105.025304  -53.243031   -1113.746
 1.00000  -12.173150 -154.709477   -2.056852
-105.062762  -58.501580   -1070.076

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.037760  110.945741    9.324964
463.925109   58.380925    2200.376
 0.25000   16.037760  123.065013    9.324964
434.643031   54.072440    2368.299
 0.50000   16.037760  136.199241    9.324964
415.229994   50.614623    2536.657
 0.75000   16.037760  150.093355    9.324964
400.162965   48.440556    2708.829
 1.00000   16.037760  165.486658    9.324964
400.162965   47.794751    2879.611
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      710

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.479891 -318.709995   -4.739861
-227.238767  -48.501756   -1508.405
 0.25000  -15.479891 -303.228469   -4.739861
-251.907575  -48.786514   -1443.997
 0.50000  -15.479891 -289.077323   -4.739861
-274.768000  -49.834353   -1379.589
 0.75000  -15.479891 -275.462737   -4.739861
-300.446956  -52.386977   -1315.369
 1.00000  -15.479891 -262.660770   -4.739861
-337.000694  -55.944508   -1251.205

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.304683  120.088696    1.240156
93.993340   44.110577    1538.983
 0.25000   15.304683  135.503272    1.240156
93.993340   48.288969    1797.193
 0.50000   15.304683  152.402144    1.240156
93.993340   54.138292    1923.139
 0.75000   15.304683  170.368998    1.240156
93.993340   61.603767    2015.803
 1.00000   15.304683  188.913856    1.240156
93.993340   70.115354    2075.876

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.973186 -320.037356  -10.976475
-494.752416  -52.818420   -990.665700
 0.25000  -25.973186 -297.360827  -10.976475
-486.247569  -45.906093   -968.410047
 0.50000  -25.973186 -275.101557  -10.976475
-477.742722  -39.948999   -954.936935
 0.75000  -25.973186 -253.700055  -10.976475
-469.237874  -34.686250   -941.446770
 1.00000  -25.973186 -233.656212  -10.976475
-460.733027  -30.511044   -928.072263

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   28.247466  185.191693    5.179086
197.207130   94.533808    2661.053
 0.25000   28.247466  204.106175    5.179086
197.207130   95.601793    2888.985
 0.50000   28.247466  224.806463    5.179086
197.207130   98.550581    3088.769
 0.75000   28.247466  246.917333    5.179086
197.207130  103.277646    3266.146
 1.00000   28.247466  269.786846    5.179086
197.207130  110.243140    3410.210

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -31.082795 -484.226957  -13.001312
-610.827690  -61.246771   -1728.241
 0.25000  -31.082795 -456.564943  -13.001312
-607.531444  -54.262338   -1696.210
 0.50000  -31.082795 -429.440885  -13.001312
-604.235198  -48.509078   -1678.690
 0.75000  -31.082795 -403.427846  -13.001312
-600.938953  -43.790057   -1661.140
 1.00000  -31.082795 -379.073471  -13.001312
-597.642707  -39.864562   -1643.612

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   25.328837  200.030134    5.409935
325.405073   83.017235    3117.906
 0.25000   25.328837  217.417454    5.409935
325.405073   84.027467    3390.949
 0.50000   25.328837  236.449436    5.409935
325.405073   87.042570    3638.481
 0.75000   25.328837  256.782271    5.409935
325.405073   91.923474    3864.247
 1.00000   25.328837  277.816598    5.409935
325.405073   98.916100    4060.390
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      711

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -29.842179 -527.077364  -12.014025
-558.144334  -60.075420   -2236.834
 0.25000  -29.842179 -501.659982  -12.014025
-555.777008  -53.953634   -2210.309
 0.50000  -29.842179 -476.751607  -12.014025
-553.409683  -49.159583   -2200.354
 0.75000  -29.842179 -452.847832  -12.014025
-551.042358  -46.038275   -2190.329
 1.00000  -29.842179 -430.481442  -12.014025
-548.675032  -43.965360   -2180.380

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   25.343592  190.501041    7.574294
418.315485   78.684581    2998.841
 0.25000   25.343592  204.994163    7.574294
418.315485   77.876594    3261.224
 0.50000   25.343592  220.858185    7.574294
418.315485   78.967796    3502.770
 0.75000   25.343592  237.806528    7.574294
418.315485   81.884119    3726.802
 1.00000   25.343592  255.341263    7.574294
418.315485   86.698649    3926.450

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -31.862407 -483.736651  -11.744899
-494.244133  -79.503699   -2305.629
 0.25000  -31.862407 -462.550108  -11.744899
-492.270860  -73.865141   -2294.455
 0.50000  -31.862407 -441.787844  -11.744899
-490.297587  -69.913521   -2297.917
 0.75000  -31.862407 -421.862961  -11.744899
-488.324313  -67.915047   -2301.347
 1.00000  -31.862407 -403.219557  -11.744899
-486.351040  -67.367678   -2304.850

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.336569   54.693987    4.170500
144.651114   47.042214    1028.471
 0.25000   12.336569   54.699932    4.170500
144.634138   43.087046    1035.811
 0.50000   12.336569   54.706505    4.170500
144.617829   39.259627    1175.339
 0.75000   12.336569   54.713565    4.170500
144.602641   35.483742    1271.368
 1.00000   12.336569   54.720964    4.170500
144.589030   32.451614    1372.316

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.506701 -139.243383   -1.142013
-97.272636   -6.696351 -819.2911401
 0.25000   -3.506701 -139.234869   -1.142013
-97.288313   -7.204682 -812.783270
 0.50000   -3.506701 -139.226608   -1.142013
-97.305691   -7.650262 -812.009569
 0.75000   -3.506701 -139.218742   -1.142013
-97.324406   -8.157901 -811.182969
 1.00000   -3.506701 -139.211401   -1.142013
-97.344024   -8.732351 -810.366265

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.812659   89.397760    5.269557
323.251056   39.695483    1713.283
 0.25000   11.812659   89.403704    5.269557
323.234080   35.991498    1843.977
 0.50000   11.812659   89.410277    5.269557
323.217772   32.794714    1986.746
 0.75000   11.812659   89.417348    5.269557
323.202583   30.141697    2146.005
 1.00000   11.812659   89.424737    5.269557
323.188973   28.539032    2312.281
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      712

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.317823 -222.828901   -2.602583
-107.323496  -25.665286   -1504.549
 0.25000   -9.317823 -222.820387   -2.602583
-107.339173  -24.298105   -1504.542
 0.50000   -9.317823 -222.812126   -2.602583
-107.356551  -24.987043   -1513.116
 0.75000   -9.317823 -222.804260   -2.602583
-107.375266  -25.973683   -1521.641
 1.00000   -9.317823 -222.796951   -2.602583
-107.394885  -27.936564   -1530.206

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   21.005945  172.889853    6.474516
392.501126   74.505176    2790.881
 0.25000   21.005945  188.389087    6.474516
366.056610   73.200285    3044.581
 0.50000   21.005945  205.472721    6.474516
346.189329   73.341369    3275.445
 0.75000   21.005945  223.718310    6.474516
345.952030   74.864347    3485.174
 1.00000   21.005945  242.751965    6.474516
345.955577   77.806401    3667.591

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -22.791348 -464.080146   -8.518479
-338.410127  -49.980364   -2135.405
 0.25000  -22.791348 -441.654754   -8.518479
-345.940865  -46.324087   -2119.114
 0.50000  -22.791348 -419.782966   -8.518479
-377.965410  -43.748479   -2117.382
 0.75000  -22.791348 -398.884219   -8.518479
-412.965100  -42.630570   -2118.658
 1.00000  -22.791348 -379.392226   -8.518479
-447.170612  -42.701639   -2113.969

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   22.927325  168.145307    9.415227
477.168386   75.243318    2706.497
 0.25000   22.927325  181.053240    9.415227
455.337481   71.874736    2949.014
 0.50000   22.927325  195.280678    9.415227
438.791790   70.050754    3172.726
 0.75000   22.927325  210.475807    9.415227
438.594165   69.696449    3379.226
 1.00000   22.927325  226.327244    9.415227
438.597119   70.679774    3563.236

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.141638 -425.153495   -7.804723
-321.350164  -64.730386   -2213.645
 0.25000  -24.141638 -406.477381   -7.804723
-327.621846  -63.003661   -2214.505
 0.50000  -24.141638 -388.262315   -7.804723
-354.292240  -62.886131   -2227.844
 0.75000  -24.141638 -370.857608   -7.804723
-383.440368  -64.490510   -2241.237
 1.00000  -24.141638 -354.624461   -7.804723
-411.927096  -67.485156   -2254.660

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.464187   36.898376    7.408453
229.409258   28.768737   564.728268
 0.25000   10.464187   36.904316    7.408453
229.392345   24.147856   608.343953
 0.50000   10.464187   36.910884    7.408453
229.376094   20.113112   652.188173
 0.75000   10.464187   36.917939    7.408453
229.360961   16.586000   696.437208
 1.00000   10.464187   36.925332    7.408453
229.347403   13.452915   740.911220
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      713

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.203499   -53.802150   -0.589825
-70.005279  -32.694860   -654.009776
 0.25000   -8.203499   -53.793641   -0.589825
-70.020914  -35.892853   -678.413672
 0.50000   -8.203499   -53.785385   -0.589825
-70.038245  -39.951184   -702.569508
 0.75000   -8.203499   -53.777522   -0.589825
-70.056909  -44.795044   -727.112787
 1.00000   -8.203499   -53.770219   -0.589825
-70.076475  -50.296851   -751.695137

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.204415   67.231179   10.232820
403.095547   38.047226    1115.083
 0.25000   14.204415   67.237121   10.232820
403.078606   31.945981    1207.442
 0.50000   14.204415   67.243691   10.232820
403.062331   26.699001    1300.772
 0.75000   14.204415   67.250748   10.232820
403.047174   22.218750    1396.308
 1.00000   14.204415   67.258144   10.232820
403.033594   18.323866    1493.218

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.650367 -119.591583   -3.402731
-94.649576  -71.174484   -1249.138
 0.25000  -17.650367 -119.583072   -3.402731
-94.665229  -72.107705   -1278.069
 0.50000  -17.650367 -119.574814   -3.402731
-94.682580  -74.345761   -1310.757
 0.75000  -17.650367 -119.566951   -3.402731
-94.701266  -78.339914   -1343.592
 1.00000  -17.650367 -119.559645   -3.402731
-94.720854  -83.965285   -1376.454

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.806051   96.734327   10.346188
488.745822   45.280265    1798.627
 0.25000   15.806051   96.798501   10.346188
488.562861   38.940625    1947.269
 0.50000   15.806051   96.869459   10.346188
488.387089   33.461702    2101.535
 0.75000   15.806051   96.945678   10.346188
488.223394   28.792325    2261.401
 1.00000   15.806051   97.025550   10.346188
488.076730   24.920024    2423.295

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.197893 -209.441741   -2.331223
-120.511487  -57.759905   -1881.225
 0.25000  -15.197893 -209.349824   -2.331223
-120.680537  -58.239915   -1819.007
 0.50000  -15.197893 -209.260636   -2.331223
-120.867933  -61.871611   -1852.847
 0.75000  -15.197893 -209.175714   -2.331223
-121.069741  -67.037368   -1886.800
 1.00000  -15.197893 -209.098804   -2.331223
-121.281295  -73.475099   -1920.794

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   24.155345  150.010927   11.579821
540.853430   78.353299    2467.465
 0.25000   24.155345  159.431249   11.579821
518.894071   72.112527    2682.259
 0.50000   24.155345  169.826435   11.579821
497.794225   67.364499    2886.138
 0.75000   24.155345  180.962788   11.579821
478.248981   63.768711    3081.137
 1.00000   24.155345  192.614318   11.579821
468.252417   61.504939    3260.963
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      714

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -20.831864 -365.040920   -5.428701
-257.996250  -60.807876   -2190.394
 0.25000  -20.831864 -351.484017   -5.428701
-279.638782  -61.545939   -2167.495
 0.50000  -20.831864 -338.309605   -5.428701
-303.741576  -63.664141   -2182.784
 0.75000  -20.831864 -325.740137   -5.428701
-329.720621  -67.472833   -2198.189
 1.00000  -20.831864 -314.042936   -5.428701
-356.829900  -72.445581   -2210.641

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   22.233866  167.221320    9.324964
463.925109   82.807022    3126.407
 0.25000   22.233866  191.612556    9.324964
434.643031   83.263382    3340.920
 0.50000   22.233866  219.151800    9.324964
421.580590   85.064013    3541.211
 0.75000   22.233866  249.937518    9.324964
421.554148   88.751291    3731.071
 1.00000   22.233866  281.375433    9.324964
421.534609   95.222497    3905.423

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.747529 -502.241258   -10.042889
-573.913639  -61.835663   -1661.289
 0.25000  -18.747529 -472.855187   -10.042889
-573.913639  -61.421971   -1577.911
 0.50000  -18.747529 -443.896559   -10.042889
-573.913639  -61.967463   -1494.594
 0.75000  -18.747529 -416.181462   -10.042889
-573.913639  -64.858383   -1411.301
 1.00000  -18.747529 -390.293866   -10.042889
-573.913639  -70.493944   -1328.015

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   28.247466  200.030134   11.579821
540.853430   94.533808    3117.906
 0.25000   28.247466  217.417454   11.579821
518.894071   95.601793    3390.949
 0.50000   28.247466  236.449436   11.579821
497.794225   98.550581    3638.481
 0.75000   28.247466  256.782271   11.579821
488.223394  103.277646    3864.247
 1.00000   28.247466  277.816598   11.579821
488.076730  110.243140    4060.390

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -31.862407 -527.077364  -13.001312
-610.827690  -79.503699   -2305.629
 0.25000  -31.862407 -501.659982  -13.001312
-607.531444  -73.865141   -2294.455
 0.50000  -31.862407 -476.751607  -13.001312
-604.235198  -74.345761   -2297.917
 0.75000  -31.862407 -452.847832  -13.001312
-600.938953  -78.339914   -2301.347
 1.00000  -31.862407 -430.481442  -13.001312
-597.642707  -83.965285   -2304.850

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   28.247466  200.030134   11.579821
540.853430   94.533808    3126.407
 0.25000   28.247466  217.417454   11.579821
518.894071   95.601793    3390.949
 0.50000   28.247466  236.449436   11.579821
497.794225   98.550581    3638.481
 0.75000   28.247466  256.782271   11.579821
488.223394  103.277646    3864.247
 1.00000   28.247466  281.575433   11.579821
488.076730  110.243140    4060.390
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      715

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -31.862407 -527.077364  -13.001312
-610.827690  -79.503699   -2305.629
 0.25000  -31.862407 -501.659982  -13.001312
-607.531444  -73.865141   -2294.455
 0.50000  -31.862407 -476.751607  -13.001312
-604.235198  -74.345761   -2297.917
 0.75000  -31.862407 -452.847832  -13.001312
-600.938953  -78.339914   -2301.347
 1.00000  -31.862407 -430.481442  -13.001312
-597.642707  -83.965285   -2304.850

 COMB     DESIGN ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   28.247466  200.030134   11.579821
540.853430   94.533808    3126.407
 0.25000   28.247466  217.417454   11.579821
518.894071   95.601793    3390.949
 0.50000   28.247466  236.449436   11.579821
497.794225   98.550581    3638.481
 0.75000   28.247466  256.782271   11.579821
488.223394  103.277646    3864.247
 1.00000   28.247466  281.575433   11.579821
488.076730  110.243140    4060.390

 COMB     DESIGN ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -31.862407 -527.077364  -13.001312
-610.827690  -79.503699   -2305.629
 0.25000  -31.862407 -501.659982  -13.001312
-607.531444  -73.865141   -2294.455
 0.50000  -31.862407 -476.751607  -13.001312
-604.235198  -74.345761   -2297.917
 0.75000  -31.862407 -452.847832  -13.001312
-600.938953  -78.339914   -2301.347
 1.00000  -31.862407 -430.481442  -13.001312
-597.642707  -83.965285   -2304.850

 ELEM      38 ================== LENGTH
=     4.987492

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.390425  143.653318    1.892880
109.376493   65.077102    2138.339
 0.25000   11.390425  165.210361    1.892880
109.376493   66.747385    2230.474
 0.50000   11.390425  188.727436    1.892880
109.376493   69.419453    2289.869
 0.75000   11.390425  213.693038    1.892880
109.376493   73.201854    2351.331
 1.00000   11.390425  238.657969    1.892880
109.376493   77.995271    2312.968

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.534956 -298.041848   -6.267362
-339.557277  -19.104714  -551.373557
 0.25000  -11.534956 -272.894105   -6.267362
-339.557277  -16.822763  -514.557861
 0.50000  -11.534956 -247.489811   -6.267362
-339.557277  -14.545529  -477.741918
 0.75000  -11.534956 -223.320119   -6.267362
-339.557277  -12.263677  -440.991979
 1.00000  -11.534956 -200.932935   -6.267362
-339.557277   -9.995100  -404.209071

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   21.627830  209.737670    4.542787
186.475239   94.397172    3445.819
 0.25000   21.627830  236.916211    4.542787
186.475239   95.269252    3556.467
 0.50000   21.627830  266.438448    4.542787
186.475239   97.946768    3641.533
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                      716

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000   21.627830  297.783306    4.542787
186.475239  102.188154    3708.935
 1.00000   21.627830  329.894793    4.542787
186.475239  107.856877    3755.256

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.808689 -431.015095   -8.147460
-461.104624  -24.507552  -970.593653
 0.25000  -15.808689 -398.692641   -8.147460
-461.104624  -22.015307  -907.403357
 0.50000  -15.808689 -366.859339   -8.147460
-461.104624  -19.550946  -844.279736
 0.75000  -15.808689 -336.531715   -8.147460
-461.104624  -17.118381  -781.156119
 1.00000  -15.808689 -308.360116   -8.147460
-461.104624  -14.796512  -718.032534

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   18.232512  205.255394    4.445696
278.137557   85.971165    3906.186
 0.25000   18.232512  230.220249    4.445696
278.137557   86.509980    4029.686
 0.50000   18.232512  257.360229    4.445696
278.137557   88.604652    4135.241
 0.75000   18.232512  286.114283    4.445696
278.137557   92.175944    4227.933
 1.00000   18.232512  315.660467    4.445696
278.137557   97.069369    4305.504

 COMB DB-G1-3 ------------------- MIN
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 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -15.685571  -439.057984   -7.818840
-468.011933   -23.635043   -1260.111
 0.25000  -15.685571  -409.315272   -7.818840
-468.011933   -21.596312   -1181.645
 0.50000  -15.685571  -380.091686   -7.818840
-468.011933   -19.733337   -1103.240
 0.75000  -15.685571  -352.242934   -7.818840
-468.011933   -17.878946   -1024.836
 1.00000  -15.685571  -326.370169   -7.818840
-468.011933   -16.041370  -946.430636

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   18.366115   186.730711    6.046110
314.775587   73.984397   3668.207
 0.25000   18.366115   207.534757    6.046110
314.775587   73.845603   3787.477
 0.50000   18.366115   230.151407    6.046110
314.775587   75.040176   3892.797
 0.75000   18.366115   254.113119    6.046110
314.775587   77.968372   3988.199
 1.00000   18.366115   278.734938    6.046110
314.775587   82.071730   4071.807

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -18.027059  -387.422073   -8.200762
-410.253141   -45.524408   -1328.053
 0.25000  -18.027059  -362.639813   -8.200762
-410.253141   -43.350852   -1249.774
 0.50000  -18.027059  -338.283492   -8.200762
-410.253141   -41.920927   -1171.545
 0.75000  -18.027059  -315.076198   -8.200762
-410.253141   -41.198267   -1093.318
 1.00000  -18.027059  -293.515560   -8.200762
-410.253141   -41.046642   -1015.125

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   10.009109   46.957476    2.389978
137.957672   20.996038   1283.501
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    717

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
     T          M2          M3
 0.25000   10.009109   46.969703    2.389978
137.917740   19.547196   1287.610
 0.50000   10.009109   46.982864    2.389978
137.884629   19.102833   1312.594
 0.75000   10.009109   46.996702    2.389978
137.852946   19.077292   1363.636
 1.00000   10.009109   47.012369    2.389978
137.824465   19.326101   1435.567

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -2.824425   -92.420913   -1.070678
-142.815821   -4.321256  -474.262049
 0.25000   -2.824425   -92.405183   -1.070678
-142.845974   -4.280321  -445.512072
 0.50000   -2.824425   -92.391178   -1.070678
-142.878591   -4.259327  -416.759312
 0.75000   -2.824425   -92.377754   -1.070678
-142.913099   -4.363719  -388.026613
 1.00000   -2.824425   -92.365185   -1.070678
-142.954029   -4.576612  -359.284266

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.809699   64.726037    3.573440
260.108986   21.103378   2022.098
 0.25000    8.809699   64.738265    3.573440
260.069030   19.756729   2049.410
 0.50000    8.809699   64.751427    3.573440
260.035908   18.925997   2102.016
 0.75000    8.809699   64.765266    3.573440
260.004214   18.697470   2185.180
 1.00000    8.809699   64.780936    3.573440
259.975686   18.777340   2292.772

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.618879  -135.688444   -2.549542
-180.678264   -16.777388   -873.408693
 0.25000   -7.618879  -135.672712   -2.549542
-180.708429   -16.350006   -823.562417
 0.50000   -7.618879  -135.658705   -2.549542
-180.741058   -16.460457   -773.722856
 0.75000   -7.618879  -135.645280   -2.549542
-180.775577   -17.004900   -723.883322
 1.00000   -7.618879  -135.632711   -2.549542
-180.816523   -17.903046   -674.043823

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.011307   167.569572    4.919820
326.918962   65.230769   3446.895
 0.25000   15.011307   188.647795    4.919820
300.291130   64.674106   3561.636
 0.50000   15.011307   211.454188    4.919820
270.545000   65.260764   3661.489
 0.75000   15.011307   235.528353    4.919820
264.949131   67.355649   3750.675
 1.00000   15.011307   261.468905    4.919820
264.949131   70.324847   3827.687

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.733665  -371.892457   -6.357203
-310.614280   -26.490453   -1222.076
 0.25000  -14.733665  -345.815413   -6.357203
-312.919475   -24.940787   -1148.430
 0.50000  -14.733665  -321.395075   -6.357203
-343.753202   -23.894393   -1074.810
 0.75000  -14.733665  -298.059982   -6.357203
-372.364031   -23.243226   -1001.215
 1.00000  -14.733665  -276.301010   -6.357203
-398.348546   -22.917784  -927.619465
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    718

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.950936   155.066529    6.709657
349.791167   57.747815   3235.507
 0.25000   15.950936   172.621536    6.709657
327.627801   56.621666   3346.121
 0.50000   15.950936   191.615967    6.709657
302.867949   56.491089   3445.070
 0.75000   15.950936   211.666361    6.709657
298.272759   57.651816   3535.867
 1.00000   15.950936   233.269902    6.709657
298.272759   59.676322   3616.952

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -15.779297  -327.452879   -6.476509
-284.168113   -49.060646   -1287.218
 0.25000  -15.779297  -305.735633   -6.476509
-285.990128   -48.089562   -1214.343
 0.50000  -15.779297  -285.396871   -6.476509
-311.655783   -47.996872   -1141.488
 0.75000  -15.779297  -265.962038   -6.476509
-335.470800   -48.739188   -1068.655
 1.00000  -15.779297  -247.839977   -6.476509
-357.101337   -50.178200   -995.882422

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.643783   23.325251    4.262352
115.888836   9.089435   522.989715
 0.25000    5.643783   23.337484    4.262352
115.848763   7.631367   544.721984
 0.50000    5.643783   23.350653    4.262352
115.815583   6.210181   567.210399
 0.75000    5.643783   23.364498    4.262352
115.783833   4.831810   590.517896
 1.00000    5.643783   23.380175    4.262352
115.755076   3.512306   614.500643

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -6.204055   -24.978829   -1.314061
-41.529485   -42.676631  -403.489780
 0.25000   -6.204055   -24.963087   -1.314061
-41.559709   -43.756775  -386.998558
 0.50000   -6.204055   -24.949075   -1.314061
-41.592397   -45.522249  -370.507345
 0.75000   -6.204055   -24.935545   -1.314061
-41.626976   -47.971193  -354.016154
 1.00000   -6.204055   -24.923069   -1.314061
-41.667998   -51.047133  -337.610831

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    9.099821   43.249448    6.737695
222.007964   12.240948   1109.095
 0.25000    9.099821   43.261675    6.737695
221.968033   10.129828   1150.899
 0.50000    9.099821   43.274837    6.737695
221.934921    8.160150   1196.545
 0.75000    9.099821   43.288674    6.737695
221.903239    6.608918   1244.601
 1.00000    9.099821   43.304342    6.737695
221.874757    5.231552   1296.069

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.499461   -58.589570   -3.576420
-69.300750   -68.388464  -747.925712
 0.25000  -13.499461   -58.573840   -3.576420
-69.330903   -68.355962  -714.121294
 0.50000  -13.499461   -58.559834   -3.576420
-69.363520   -69.833760  -680.317155
 0.75000  -13.499461   -58.546410   -3.576420
-69.398028   -72.857033  -646.513037
 1.00000  -13.499461   -58.533842   -3.576420
-69.438958   -77.162772  -612.808786
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    719

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    9.566348   60.976393    6.438755
313.475557   17.524722   1944.001
 0.25000    9.566348   60.987398    6.438755
313.439597   15.231190   1996.788
 0.50000    9.566348   60.999244    6.438755
313.409787   13.247971   2064.093
 0.75000    9.566348   61.011699    6.438755
313.381262   11.731462   2145.316
 1.00000    9.566348   61.025802    6.438755
313.355588   10.451343   2239.760

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -11.551320  -113.870724   -3.136419
-150.412179   -57.014256   -1070.027
 0.25000  -11.551320  -113.856565   -3.136419
-150.439327   -57.650322   -1016.304
 0.50000  -11.551320  -113.843959   -3.136419
-150.466963   -59.494587   -962.582426
 0.75000  -11.551320  -113.831876   -3.136419
-150.499761   -62.438317   -908.860354
 1.00000  -11.551320  -113.820564   -3.136419
-150.536612   -66.341355   -855.229733

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.191079   128.942395    7.439196
402.329809   47.386019   2878.804
 0.25000   15.191079   141.349628    7.439196
368.215167   45.434142   2970.365
 0.50000   15.191079   154.738721    7.439196
341.204341   44.223268   3059.408
 0.75000   15.191079   168.843314    7.439196
321.834820   44.099453   3150.174
 1.00000   15.191079   184.435855    7.439196
312.573175   44.530548   3239.871

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.800530  -265.738010   -5.164496
-235.472681   -54.267868   -1251.184
 0.25000  -14.800530  -250.276445   -5.164496
-259.739789   -54.259676   -1183.121
 0.50000  -14.800530  -235.782737   -5.164496
-282.295548   -55.246634   -1115.066
 0.75000  -14.800530  -222.105147   -5.164496
-310.656765   -57.158097   -1047.035
 1.00000  -14.800530  -209.325153   -5.164496
-346.556000   -59.887336   -979.079284

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.609152   143.030593    2.521573
137.278556   69.114476   2077.234
 0.25000   14.609152   159.725494    2.521573
138.715792   72.517178   2175.916
 0.50000   14.609152   177.926350    2.521573
139.208138   76.592177   2242.187
 0.75000   14.609152   197.148325    2.521573
139.208138   81.432133   2275.209
 1.00000   14.609152   216.919032    2.521573
139.208138   86.878989   2275.208

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -25.452242  -274.388106   -7.790123
-364.396976   -29.022635   -928.435717
 0.25000  -25.452242  -252.623264   -7.790123
-357.329246   -26.850065   -926.851116
 0.50000  -25.452242  -231.253554   -7.790123
-349.316627   -24.718297   -925.342128
 0.75000  -25.452242  -210.838889   -7.790123
-340.811704   -22.599125   -923.784337
 1.00000  -25.452242  -191.826736   -7.790123
-332.306739   -20.492923   -922.214029

 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    720

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   27.455524   223.734568    5.747032
235.206757  109.172421   3411.737
 0.25000   27.455524   244.157624    5.747032
235.216278  111.705498   3538.655
 0.50000   27.455524   266.398406    5.747032
235.216278  115.057046   3636.911
 0.75000   27.455524   289.996678    5.747032
235.216278  119.325977   3711.843
 1.00000   27.455524   314.294246    5.747032
235.216278  124.392832   3755.110

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -30.473218  -409.630494   -9.670185
-476.198240   -38.199712   -1644.108
 0.25000  -30.473218  -383.005589   -9.670185
-472.919660   -36.385585   -1643.296
 0.50000  -30.473218  -356.939316   -9.670185
-469.615369   -34.578846   -1642.504
 0.75000  -30.473218  -332.056696   -9.670185
-466.319077   -32.875037   -1641.668
 1.00000  -30.473218  -308.910917   -9.670185
-463.022786   -31.301014   -1640.862

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   24.576720   238.684716    5.759286
321.991318   98.672141   4061.322
 0.25000   24.576720   257.453765    5.759286
321.991318  100.856693   4208.343
 0.50000   24.576720   277.894368    5.759286
321.991318  103.873417   4329.562
 0.75000   24.576720   299.590047    5.759286
321.991318  107.825191   4427.850
 1.00000   24.576720   321.932681    5.759286
321.991318  112.602436   4498.102

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -29.318558  -437.487494   -9.214577
-469.185774   -42.556347   -2180.807
 0.25000  -29.318558  -413.016180   -9.214577
-466.818266   -40.760491   -2184.663
 0.50000  -29.318558  -389.064104   -9.214577
-464.450908   -39.308791   -2188.526
 0.75000  -29.318558  -366.202066   -9.214577
-462.083550   -38.362266   -2192.370
 1.00000  -29.318558  -344.943319   -9.214577
-459.716191   -37.846533   -2196.227

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   24.376796   223.226205    7.203636
362.242141   86.198364   3926.702
 0.25000   24.376796   238.871060    7.203636
362.242141   87.203040   4066.479
 0.50000   24.376796   255.909233    7.203636
362.242141   89.163684   4184.755
 0.75000   24.376796   273.993568    7.203636
362.242141   91.957078   4284.094
 1.00000   24.376796   292.616670    7.203636
362.242141   95.695171   4360.469

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -31.233611  -397.801637   -9.412360
-418.044759   -65.619629   -2305.065
 0.25000  -31.233611  -377.403684   -9.412360
-416.071333   -63.857728   -2315.004
 0.50000  -31.233611  -357.438539   -9.412360
-414.098032   -62.736150   -2324.944
 0.75000  -31.233611  -338.383574   -9.412360
-412.124731   -62.433618   -2334.871
 1.00000  -31.233611  -320.661857   -9.412360
-410.151431   -62.856726   -2344.811
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    721

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.356165   69.139200    3.007342
139.230247   32.683542   1372.239
 0.25000   12.356165   69.145534    3.007342
139.212768   30.842033   1393.722
 0.50000   12.356165   69.152493    3.007342
139.196025   29.558260   1426.881
 0.75000   12.356165   69.159920    3.007342
139.180481   28.485460   1476.452
 1.00000   12.356165   69.167654    3.007342
139.166566   27.599101   1533.699

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -3.574606  -109.075419   -1.121909
-122.785275   -8.853660  -810.454821
 0.25000   -3.574606  -109.067116   -1.121909
-122.800492   -9.193419  -812.708356
 0.50000   -3.574606  -109.059080   -1.121909
-122.812377   -9.602440  -814.950398
 0.75000   -3.574606  -109.051480   -1.121909
-122.835497   -10.117473  -817.207361
 1.00000   -3.574606  -109.044477   -1.121909
-122.854389   -10.793963  -819.442833

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.609208   105.677897    4.038090
264.384799   29.534339   2311.598
 0.25000   11.609208   105.684231    4.038090
264.367320   27.917376   2364.007
 0.50000   11.609208   105.691190    4.038090
264.350577   26.665500   2427.907
 0.75000   11.609208   105.698617    4.038090
264.335032   25.807016   2506.983
 1.00000   11.609208   105.706351    4.038090
264.321118   25.296646   2595.690

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -9.248364  -171.265386   -2.590507
-157.734165   -27.955683   -1530.222
 0.25000   -9.248364  -171.257084   -2.590507
-157.749381   -27.716556   -1538.642
 0.50000   -9.248364  -171.249048   -2.590507
-157.766266   -28.006414   -1547.102
 0.75000   -9.248364  -171.241448   -2.590507
-157.784386   -28.774624   -1555.579
 1.00000   -9.248364  -171.234445   -2.590507
-157.803278   -29.917552   -1563.995

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   20.353927   204.729944    5.871413
361.132595   78.187091   3667.784
 0.25000   20.353927   221.552773    5.871413
332.840524   78.611232   3805.459
 0.50000   20.353927   239.558823    5.871413
305.492962   79.637315   3919.649
 0.75000   20.353927   258.895573    5.871413
285.940857   81.287250   4011.552
 1.00000   20.353927   278.968172    5.871413
285.729529   83.412770   4077.963

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -22.376933  -382.826980   -6.952580
-296.411725   -41.887048   -2114.231
 0.25000  -22.376933  -361.097607   -6.952580
-304.592846   -41.128736   -2120.839
 0.50000  -22.376933  -339.951715   -6.952580
-335.113780   -40.752968   -2127.477
 0.75000  -22.376933  -319.857114   -6.952580
-368.013882   -40.820287   -2134.232
 1.00000  -22.376933  -301.251784   -6.952580
-401.610251   -41.237740   -2140.898
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    722

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   22.017289   194.758809    7.838081
395.077996   70.305035   3562.841
 0.25000   22.017289   208.602484    7.838081
371.516047   69.636959   3693.123
 0.50000   22.017289   223.716684    7.838081
348.740696   69.627253   3803.838
 0.75000   22.017289   239.868542    7.838081
332.457487   70.230913   3896.202
 1.00000   22.017289   256.585224    7.838081
332.281491   71.369229   3967.460

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -23.465746  -348.617115   -6.965511
-279.677314   -65.937973   -2254.686
 0.25000  -23.465746  -330.520655   -6.965511
-286.490642   -66.054671   -2268.342
 0.50000  -23.465746  -312.910121   -6.965511
-311.908812   -66.932399   -2282.015
 0.75000  -23.465746  -296.175116   -6.965511
-339.308381   -68.440535   -2295.788
 1.00000  -23.465746  -280.680392   -6.965511
-367.287807   -70.505313   -2309.476

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    9.887906   36.901253    5.271969
143.442821   12.220696   740.062555
 0.25000    9.887906   36.907583    5.271969
143.425402   10.275110   761.946410
 0.50000    9.887906   36.914537    5.271969
143.408715    8.337363   783.897820
 0.75000    9.887906   36.921958    5.271969
143.393224    6.457020   806.188774
 1.00000    9.887906   36.929837    5.271969
143.379363    4.679914   828.561388

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.681696  -42.621920   -1.509714
-54.999624   -49.027534  -751.364343
 0.25000   -7.681696  -42.613624   -1.509714
-55.014799   -51.072657  -764.469119
 0.50000   -7.681696  -42.605593   -1.509714
-55.031635   -53.591185  -777.590429
 0.75000   -7.681696  -42.597999   -1.509714
-55.049703   -56.483587  -790.705721
 1.00000   -7.681696  -42.590996   -1.509714
-55.068540   -59.730220  -803.825015

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.275049   69.247477    7.695536
259.979056   17.408030   1491.787
 0.25000   13.275049   69.253808    7.695536
259.961612   14.390618   1537.074
 0.50000   13.275049   69.260765    7.695536
259.945901   11.813346   1587.775
 0.75000   13.275049   69.268189    7.695536
259.929387    9.561977   1629.480
 1.00000   13.275049   69.275919    7.695536
259.915501    7.554846   1677.624

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.927268   -91.523106   -3.999581
-87.825309   -82.286038   -1376.020
 0.25000  -16.927268   -91.514806   -3.999581
-87.840499   -83.064789   -1393.138
 0.50000  -16.927268   -91.506774   -3.999581
-87.857356   -84.689339   -1410.273
 0.75000  -16.927268   -91.499176   -3.999581
-87.875447   -87.482034   -1423.716
 1.00000  -16.927268   -91.492172   -3.999581
-87.894307   -91.076473   -1443.242
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    723

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.128742   106.313744    7.596900
342.887376   24.782174   2421.758
 0.25000   15.128742   106.381665    7.596900
342.698975   21.746721   2490.293
 0.50000   15.128742   106.456791    7.596900
342.518499   19.198824   2563.743
 0.75000   15.128742   106.536970    7.596900
342.350946   17.014349   2642.209
 1.00000   15.128742   106.620462    7.596900
342.200978   15.152747   2724.282

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.623534  -160.075161   -3.309874
-147.325492   -72.478104   -1920.436
 0.25000  -14.623534  -159.985522   -3.309874
-147.489547   -74.243740   -1941.208
 0.50000  -14.623534  -159.898770   -3.309874
-147.671604   -76.811914   -1962.146
 0.75000  -14.623534  -159.816716   -3.309874
-147.866976   -80.190975   -1983.122
 1.00000  -14.623534  -159.741075   -3.309874
-148.070671   -84.231453   -2004.055

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   23.425094   172.028586    8.869354
```

```
 432.195512   61.132541   3260.102
   0.25000   23.425094  182.094422    8.869354
409.252922   58.827663   3371.637
   0.50000   23.425094  193.135349    8.869354
387.181640   57.126194   3471.533
   0.75000   23.425094  204.901796    8.869354
366.789558   55.856818   3561.535
   1.00000   23.425094  217.121261    8.869354
348.780162   55.045746   3638.107

 COMB DL-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -20.158174 -296.888005   -5.540966
-245.280478  -71.187233  -2210.505
   0.25000  -20.158174 -283.716281   -5.540966
-265.907029  -72.498877  -2227.688
   0.50000  -20.158174 -270.930538   -5.540966
-288.958128  -74.533223  -2244.822
   0.75000  -20.158174 -258.812930   -5.540966
-313.734047  -77.294068  -2262.058
   1.00000  -20.158174 -247.620970   -5.540966
-339.493585  -80.672394  -2279.249

 COMB      DB ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   21.627830  209.737670    7.439196
402.329809   94.397172   3906.186
   0.25000   21.627830  236.916211    7.439196
368.215167   95.259252   4029.686
   0.50000   21.627830  266.468448    7.439196
341.204341   97.946768   4135.241
   0.75000   21.627830  297.783306    7.439196
321.834820  102.188154   4227.933
   1.00000   21.627830  329.894793    7.439196
314.775587  107.856877   4305.504

 COMB      DB ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -18.027059 -439.057984   -8.200762
-468.011933  -68.388464  -1328.053
   0.25000  -18.027059 -409.319272   -8.200762
-468.011933  -68.355962  -1249.774
   0.50000  -18.027059 -380.091686   -8.200762
-468.011933  -69.833760  -1171.545
   0.75000  -18.027059 -352.242934   -8.200762
-468.011933  -72.857033  -1093.318
   1.00000  -18.027059 -326.370569   -8.200762
-468.011933  -77.162772  -1015.125
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    724

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   27.455524  238.684716    8.869354
432.195512  109.172421   4061.322
   0.25000   27.455524  257.453765    8.869354
409.252922  111.705498   4208.343
   0.50000   27.455524  277.894368    8.869354
387.181640  115.057046   4329.562
   0.75000   27.455524  299.590047    8.869354
366.789558  119.325977   4427.850
   1.00000   27.455524  321.932081    8.869354
362.242141  124.392832   4498.102

 COMB      DL ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -31.233611 -437.487494   -9.670185
-476.198240  -82.286038  -2305.065
   0.25000  -31.233611 -413.016180   -9.670185
-472.911660  -83.064789  -2315.004
   0.50000  -31.233611 -389.064104   -9.670185
-469.615369  -84.689339  -2324.944
   0.75000  -31.233611 -366.203966   -9.670185
-466.319077  -87.482034  -2334.871
   1.00000  -31.233611 -344.943319   -9.670185
-463.022786  -91.076473  -2344.811

 COMB      CAR ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   27.455524  238.684716    8.869354
432.195512  109.172421   4061.322
   0.25000   27.455524  257.453765    8.869354
409.252922  111.705498   4208.343
   0.50000   27.455524  277.894368    8.869354
387.181640  115.057046   4329.562
   0.75000   27.455524  299.590047    8.869354
366.789558  119.325977   4427.850
   1.00000   27.455524  329.894793    8.869354
362.242141  124.392832   4498.102

 COMB      CAR ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -31.233611 -439.057984   -9.670185
-476.198240  -82.286038  -2305.065
   0.25000  -31.233611 -413.016180   -9.670185
-472.911660  -83.064789  -2315.004
   0.50000  -31.233611 -389.064104   -9.670185
-469.615369  -84.689339  -2324.944
   0.75000  -31.233611 -366.203966   -9.670185
-466.319077  -87.482034  -2334.871
   1.00000  -31.233611 -344.943319   -9.670185
-463.022786  -91.076473  -2344.811

 COMB    DESIGN ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   27.455524  238.684716    8.869354
432.195512  109.172421   4061.322
   0.25000   27.455524  257.453765    8.869354
409.252922  111.705498   4208.343
   0.50000   27.455524  277.894368    8.869354
387.181640  115.057046   4329.562
   0.75000   27.455524  299.590047    8.869354
366.789558  119.325977   4427.850
   1.00000   27.455524  329.894793    8.869354
362.242141  124.392832   4498.102

 COMB    DESIGN ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -31.233611 -439.057984   -9.670185
-476.198240  -82.286038  -2305.065
   0.25000  -31.233611 -413.016180   -9.670185
-472.911660  -83.064789  -2315.004
   0.50000  -31.233611 -389.064104   -9.670185
-469.615369  -84.689339  -2324.944
   0.75000  -31.233611 -366.203966   -9.670185
-468.011933  -87.482034  -2334.871
   1.00000  -31.233611 -344.943319   -9.670185
-468.011933  -91.076473  -2344.811
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    725

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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 COMB DB-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   10.806077  169.819213    3.879909
 221.391432   77.138190   2313.637
   0.25000   10.806077  191.931488    3.879909
 221.391432   75.916947   2363.494
   0.50000   10.806077  215.955270    3.879909
 221.391432   75.628742   2379.229
   0.75000   10.806077  241.355346    3.879909
 221.391432   76.599873   2367.415
   1.00000   10.806077  266.658172    3.879909
 221.391432   78.507220   2322.815

 COMB DB-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -10.938639 -269.908691   -4.353497
-223.261937   -8.647443 -404.155714
   0.25000  -10.938639 -244.595400   -4.353497
-223.261937   -7.569274 -371.832205
   0.50000  -10.938639 -219.186468   -4.353497
-223.261937   -8.743536 -395.732134
   0.75000  -10.938639 -195.100002   -4.353497
-223.261937  -10.415893 -434.452971
   1.00000  -10.938639 -172.929718   -4.353497
-223.261937  -12.099323 -473.173808

 COMB DB-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   20.986435  254.930866    5.508844
 321.044943  106.789689   3755.917
   0.25000   20.986435  282.766227    5.508844
 321.044943  105.146211   3793.259
   0.50000   20.986435  312.916462    5.508844
 321.044943  104.868743   3801.656
   0.75000   20.986435  344.743769    5.508844
 321.044943  106.161899   3800.802
   1.00000   20.986435  377.247411    5.508844
 321.044943  108.825614   3772.696

 COMB DB-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -15.001158 -382.845636   -6.144308
-323.789877  -13.216985  -717.946800
   0.25000  -15.001158 -350.327977   -6.144308
-323.789877  -12.341092  -661.442161
   0.50000  -15.001158 -318.467587   -6.144308
-323.789877  -14.182422  -704.969580
   0.75000  -15.001158 -288.265713   -6.144308
-323.789877  -16.386168  -772.781870
   1.00000  -15.001158 -260.356502   -6.144308
-323.789877  -18.611902  -840.594161

 COMB DB-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   17.540943  259.479775    5.565795
 374.531218   96.497710   4306.009
   0.25000   17.540943  285.044680    5.565795
 374.531218   94.424844   4334.569
   0.50000   17.540943  312.730969    5.565795
 374.531218   93.720740   4342.334
   0.75000   17.540943  341.952994    5.565795
 374.531218   94.911368   4335.010
   1.00000   17.540943  371.857087    5.565795
 374.531218   97.911172   4328.681

 COMB DB-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -14.830216 -379.008391   -6.202889
-377.160246  -14.813764  -946.359361
   0.25000  -14.830216 -349.091481   -6.202889
-377.160246  -14.149297  -873.847808
   0.50000  -14.830216 -319.639186   -6.202889
-377.160246  -15.954229  -934.828363
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    726

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
   0.75000  -14.830216 -292.105625   -6.202889
-377.160246  -18.059351  -1022.286
   1.00000  -14.830216 -266.476618   -6.202889
-377.160246  -20.172000  -1109.744

 COMB DB-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   17.665844  231.091123    6.534166
 351.588403   81.617419   4072.042
   0.25000   17.665844  252.395210    6.534166
 351.588403   79.871679   4096.362
   0.50000   17.665844  275.467117    6.534166
 351.588403   77.783002   4103.641
   0.75000   17.665844  299.818605    6.534166
 351.588403   80.211289   4107.511
   1.00000   17.665844  324.738883    6.534166
 351.588403   82.659227   4096.102

 COMB DB-G1-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -17.177968 -328.547590   -6.961408
-353.437463  -39.473163   -1015.097
   0.25000  -17.177968 -303.616831   -6.961408
-353.437463  -38.142944  -940.396950
   0.50000  -17.177968 -279.239919   -6.961408
-353.437463  -39.392246   -1009.615
   0.75000  -17.177968 -256.128618   -6.961408
-353.437463  -41.514150   -1101.134
   1.00000  -17.177968 -234.771112   -6.961408
-353.437463  -44.165117   -1192.654

 COMB DB-G2-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   10.045485  67.958294    1.179804
 144.580466  19.341016   1435.556
   0.25000   10.045485  67.970735    1.179804
 144.539777  19.217365   1405.876
   0.50000   10.045485  67.984091    1.179804
 144.505540  19.267147   1393.465
   0.75000   10.045485  67.998093    1.179804
 144.473184  19.463739   1410.318
   1.00000   10.045485  68.013878    1.179804
 144.443759  19.833005   1444.588

 COMB DB-G2-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -2.741111  -70.577947   -1.253350
-145.226165  -4.620853 -359.259905
   0.25000  -2.741111  -70.562157   -1.253350
-145.255664  -4.997476 -332.161030
   0.50000  -2.741111  -70.548144   -1.253350
-145.288026  -5.391137 -355.759391
   0.75000  -2.741111  -70.534768   -1.253350
-145.322267  -5.793929 -388.511920
   1.00000  -2.741111  -70.522301   -1.253350
-145.362957  -6.205216 -421.264449

 COMB DB-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   8.783563  93.445319    2.602754
 226.200442  19.118261   2292.591
   0.25000   8.783563  93.457761    2.602754
 226.159738  18.311858   2257.209
   0.50000   8.783563  93.471119    2.602754
 226.125489  17.817940   2245.006
   0.75000   8.783563  93.485121    2.602754
 226.093121  18.016163   2265.304
   1.00000   8.783563  93.500909    2.602754
 226.063679  19.004309   2309.261

 COMB DB-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -7.366924  -97.219672   -2.724555
-226.768428  -17.850959 -674.040859
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    727

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
   0.25000  -7.366924  -97.203879   -2.724555
-226.797944  -17.820485 -624.852438
   0.50000  -7.366924  -97.189865   -2.724555
-226.830318  -18.107861 -672.634886
   0.75000  -7.366924  -97.176488   -2.724555
-226.864571  -18.757511 -732.506652
   1.00000  -7.366924  -97.164200   -2.724555
-226.905276  -19.722484 -792.382418

 COMB DB-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   14.573871  214.030141    4.984871
364.141594  70.079406   3827.750
   0.25000   14.573871  235.548886    4.984871
338.315507  68.496626   3852.531
   0.50000   14.573871  258.756402    4.984871
309.727135  67.838621   3859.708
   0.75000   14.573871  283.171141    4.984871
278.911874  68.727819   3862.943
   1.00000   14.573871  309.366535    4.984871
276.834250  70.949742   3849.979

 COMB DB-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -14.097919 -315.300227   -5.434759
-278.674069  -21.970975 -927.574391
   0.25000  -14.097919 -289.095056   -5.434759
-280.956589  -21.430923 -857.830911
   0.50000  -14.097919 -264.657318   -5.434759
-311.704232  -22.754014 -919.877696
   0.75000  -14.097919 -241.413090   -5.434759
-340.294119  -24.405025  -1004.280
   1.00000  -14.097919 -219.844602   -5.434759
-366.118788  -26.343062  -1088.682

 COMB DB-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   15.347982  192.773218    6.043147
334.001791  59.417424   3616.819
   0.25000   15.347982  210.695184    6.043147
312.503125  58.065235   3637.599
   0.50000   15.347982  230.023754    6.043147
288.706712  57.487303   3644.812
   0.75000   15.347982  250.357854    6.043147
263.056355  58.217631   3649.021
   1.00000   15.347982  272.173692    6.043147
261.424292  60.065859   3640.410

 COMB DB-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -15.011198 -274.112813   -6.285811
-262.516073  -48.769513 -995.881340
   0.25000  -15.011198 -252.288832   -6.285811
-264.318819  -47.770534 -925.062258
   0.50000  -15.011198 -231.935575   -6.285811
-289.937841  -48.715751 -994.665875
   0.75000  -15.011198 -212.576426   -6.285811
-313.710526  -50.419943  -1082.876
   1.00000  -15.011198 -194.613026   -6.285811
-335.208009  -52.776601  -1171.087

 COMB DB-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   5.262993  21.613318    2.872940
 42.955603   2.902930  614.207784
   0.25000   5.262993  21.625766    2.872940
 42.914823   2.176474  615.154505
   0.50000   5.262993  21.639129    2.872940
 42.880515   1.471573  616.646515
   0.75000   5.262993  21.653138    2.872940
 42.848089   0.793203  618.440880
   1.00000   5.262993  21.668936    2.872940
 42.818561   3.220346  621.852652
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    728

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -5.862571  -17.465035   -2.652959
-42.081804  -50.083393 -337.668529
   0.25000  -5.862571  -17.449232   -2.652959
-42.111405  -49.232266 -319.682602
   0.50000  -5.862571  -17.435212   -2.652959
-42.143837  -49.028921 -346.301521
   0.75000  -5.862571  -17.421829   -2.652959
-42.178150  -49.530831 -373.003198
   1.00000  -5.862571  -17.409355   -2.652959
-42.218931  -50.677286 -399.704874

 COMB DB-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   8.512455  42.437795    5.022623
 105.575557  4.550420   1295.579
   0.25000   8.512455  42.452336    5.022623
 105.534869  3.745970   1294.727
   0.50000   8.512455  42.463593    5.022623
 105.500631  3.345948   1295.827
   0.75000   8.512455  42.477594    5.022623
 105.468275  3.819422   1301.602
   1.00000   8.512455  42.493379    5.022623
 105.438850  4.700301   1309.720

 COMB DB-G3-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -13.110518  -37.779181   -4.729336
-104.483171  -75.674511  -612.894245
   0.25000  -13.110518  -37.763390   -4.729336
-104.512670  -73.864569  -576.247687
   0.50000  -13.110518  -37.749377   -4.729336
-104.545031  -73.307653  -624.722830
   0.75000  -13.110518  -37.736001   -4.729336
-104.579273  -74.241319  -674.710349
   1.00000  -13.110518  -37.723534   -4.729336
-104.619962  -76.420321  -724.697867

 COMB DB-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000   9.145615  79.280385    4.749190
 200.531864  10.161220   2239.286
   0.25000   9.145615  79.291583    4.749190
 200.495231  8.913023   2224.083
   0.50000   9.145615  79.303605    4.749190
 200.464406  8.203173   2221.462
   0.75000   9.145615  79.316207    4.749190
 200.435275  8.688255   2234.049
   1.00000   9.145615  79.330416    4.749190
 200.408777  10.193470   2259.712

 COMB DB-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -11.040183  -77.410190   -4.583406
-199.987439  -65.369376  -855.296715
   0.25000  -11.040183  -77.395977   -4.583406
-200.014004  -64.312900  -799.831980
   0.50000  -11.040183  -77.383364   -4.583406
-200.043140  -64.205493  -864.234322
   0.75000  -11.040183  -77.371825   -4.583406
-200.073968  -65.139535  -936.518043
   1.00000  -11.040183  -77.360103   -4.583406
-200.110602  -67.024785  -1008.802

 COMB DB-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  14.641618  160.820993    5.798236
 346.614112  43.954383   3239.536
   0.25000  14.641618  173.465991    5.798236
 312.066629  42.413605   3246.860
   0.50000  14.641618  187.071608    5.798236
 282.645367  41.677963   3249.350
   0.75000  14.641618  201.358933    5.798236
 259.433577  42.597178   3257.848
   1.00000  14.641618  217.086026    5.798236
 235.243847  44.697742   3262.768
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    729

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -14.097127 -217.604486   -5.883047
-235.924363  -57.585403  -979.101799
   0.25000  -14.097127 -201.871974   -5.883047
-260.103688  -57.741643  -911.983094
   0.50000  -14.097127 -187.571952   -5.883047
-283.255153  -58.317010  -981.709572
   0.75000  -14.097127 -173.945766   -5.883047
-312.677793  -59.760003  -1067.009
   1.00000  -14.097127 -161.272903   -5.883047
-347.314278  -61.995474  -1152.309

 COMB DL-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  13.862208  168.227389    4.855175
 231.464009  85.488350   2275.759
   0.25000  13.862208  186.102724    4.855175
 237.144323  84.812411   2319.955
   0.50000  13.862208  205.427532    4.855175
 241.871650  84.782812   2331.248
   0.75000  13.862208  225.789592    4.855175
 245.574981  85.508809   2308.835
   1.00000  13.862208  246.617411    4.855175
 248.325392  86.878099   2253.428

 COMB DL-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -24.768572 -239.108751   -4.675379
-241.947247  -18.774935  -922.440945
   0.25000  -24.768572 -218.172394   -4.675379
-239.122193  -19.032190  -928.852341
   0.50000  -24.768572 -197.712359   -4.675379
-235.344173  -20.114942  -935.026346
   0.75000  -24.768572 -178.249480   -4.675379
-230.542113  -21.391575  -941.612361
   1.00000  -24.768572 -160.244555   -4.675379
-224.787154  -22.681641  -948.086438

 COMB DL-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  26.559913  267.889081    6.950121
 347.002557  122.680618   3755.744
   0.25000  26.559913  289.687646    6.950121
 350.299005  121.893357   3787.852
   0.50000  26.559913  313.283857    6.950121
 352.756317  121.884345   3790.372
   0.75000  26.559913  338.182154    6.950121
 353.512918  122.784709   3768.244
   1.00000  26.559913  363.722390    6.950121
 353.512918  124.443531   3716.304

 COMB DL-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -29.575429 -350.461439   -6.661682
-344.598753  -29.243522  -1641.136
   0.25000  -29.575429 -324.803809   -6.661682
-344.598753  -29.714223  -1652.195
   0.50000  -29.575429 -299.785738   -6.661682
-343.759643  -31.245381  -1663.478
   0.75000  -29.575429 -276.030850   -6.661682
-341.219771  -32.992929  -1674.474
   1.00000  -29.575429 -254.069424   -6.661682
-337.923323  -34.844567  -1685.624

 COMB DL-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  23.742965  293.962141    6.937597
 388.504484  111.502993   4428.517
   0.25000  23.742965  313.990835    6.937597
 390.871955  110.341271   4524.297
   0.50000  23.742965  335.672167    6.937597
 392.774523  110.018541   4522.877
   0.75000  23.742965  358.555403    6.937597
 393.182112  110.767632   4497.963
   1.00000  23.742965  382.034046    6.937597
 393.182112  112.509703   4445.698
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    730

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  -28.504344 -364.360404   -6.637289
-385.065914  -36.152842  -2196.457
   0.25000  -28.504344 -340.774304   -6.637289
-385.065914  -36.012140  -2210.920
   0.50000  -28.504344 -317.781586   -6.637289
-384.601031  -37.353824  -2225.573
   0.75000  -28.504344 -295.953543   -6.637289
-382.641131  -39.004265  -2239.999
   1.00000  -28.504344 -275.777037   -6.637289
-380.273660  -40.848361  -2254.544

 COMB DL-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
   0.00000  23.446667  272.201270    7.673035
 370.394517  94.728798   4360.598
   0.25000  23.446667  288.896095    7.673035
 372.367911  93.631577   4378.803
   0.50000  23.446667  306.968472    7.673035
 373.953789  93.316151   4374.382
   0.75000  23.446667  326.042689    7.673035
 374.293532  93.902940   4350.418
   1.00000  23.446667  345.613206    7.673035
 374.293532  95.392877   4303.814

 COMB DL-G1-4 ---------------------- MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -30.409346 -325.684504    -7.421234
-369.545949   -61.178560   -2344.925
 0.25000   -30.409346 -306.027384    -7.421234
-369.545949   -60.634596   -2360.011
 0.50000   -30.409346 -286.858907    -7.421234
-369.158447   -61.543362   -2375.254
 0.75000   -30.409346 -268.664240    -7.421234
-367.524782   -63.014627   -2390.310
 1.00000   -30.409346 -251.846205    -7.421234
-365.551387   -64.955689   -2405.464

  COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.322856   90.079921    1.584909
138.225557   27.575640   1533.683
 0.25000   12.322856   90.086589    1.584909
138.207447   27.382292   1510.024
 0.50000   12.322856   90.093876    1.584909
138.190095   27.346453   1497.445
 0.75000   12.322856   90.101610    1.584909
138.173928   27.469548   1500.276
 1.00000   12.322856   90.109643    1.584909
138.159403   27.716670   1514.147

  COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.494923   -83.557793    -1.465850
-136.381969   -10.796828   -819.486261
 0.25000   -3.494923   -83.549734    -1.465850
-136.396500   -10.975484   -824.773610
 0.50000   -3.494923   -83.541966    -1.465850
-136.412672   -11.255361   -830.091618
 0.75000   -3.494923   -83.534643    -1.465850
-136.430051   -11.601498   -835.380755
 1.00000   -3.494923   -83.527929    -1.465850
-136.448193   -12.040992   -840.651479

  COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.455818   138.789528    2.964243
213.790383   25.709572   2595.443
 0.25000   11.455818   138.796196    2.964243
213.772273   24.952609   2568.052
 0.50000   11.455818   138.803482    2.964243
213.754921   24.568432   2551.101
 0.75000   11.455818   138.811216    2.964243
213.738754   24.582621   2549.218
 1.00000   11.455818   138.819249    2.964243
213.724229   25.113225   2557.700
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    731

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.092815 -126.167347    -2.834478
-212.719420   -30.113554   -1563.992
 0.25000   -9.092815 -126.159289    -2.834478
-212.733951   -29.777113   -1573.889
 0.50000   -9.092815 -126.151520    -2.834478
-212.750123   -29.844079   -1583.783
 0.75000   -9.092815 -126.144198    -2.834478
-212.767502   -30.304553   -1593.682
 1.00000   -9.092815 -126.137484    -2.834478
-212.785644   -31.137729   -1603.543

  COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   19.737079   253.993177    5.919356
375.327914   82.905290   4078.087
 0.25000   19.737079   271.604698    5.919356
344.301571   82.135970   4101.340
 0.50000   19.737079   290.759171    5.919356
314.314387   81.903405   4099.773
 0.75000   19.737079   311.053100    5.919356
286.618061   82.173438   4075.616
 1.00000   19.737079   332.003270    5.919356
280.597833   83.292056   4026.480

  COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -21.751005 -314.719448    -5.671198
-275.038721   -40.309452   -2141.034
 0.25000   -21.751005 -293.694189    -5.671198
-281.214431   -40.257226   -2154.904
 0.50000   -21.751005 -273.317706    -5.671198
-308.958804   -41.165582   -2168.854
 0.75000   -21.751005 -254.039606    -5.671198
-339.011713   -42.437290   -2182.764
 1.00000   -21.751005 -236.297829    -5.671198
-370.091591   -44.041778   -2196.572

  COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   21.205730   237.773793    6.837298
355.922537   70.627380   3967.337
 0.25000   21.205730   252.440862    6.837298
330.083456   69.869363   3983.353
 0.50000   21.205730   268.392919    6.837298
305.109798   69.624849   3978.751
 0.75000   21.205730   285.293927    6.837298
282.043992   69.981422   3955.331
 1.00000   21.205730   302.741460    6.837298
277.030280   70.973830   3911.390

  COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -22.678751 -282.652390    -6.650587
-275.253403   -69.227706   -2309.488
 0.25000   -22.678751 -265.112322    -6.650587
-280.396602   -68.752509   -2324.055
 0.50000   -22.678751 -248.172563    -6.650587
-303.502422   -69.325229   -2338.661
 0.75000   -22.678751 -232.117548    -6.650587
-328.530817   -70.471532   -2353.246
 1.00000   -22.678751 -217.342000    -6.650587
-354.414482   -72.173207   -2367.740

  COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.463209   38.909651    3.092355
64.525727    3.912718   828.210630
 0.25000    9.463209   38.916315    3.092355
64.507675    3.256975   823.097738
 0.50000    9.463209   38.923596    3.092355
64.490377    2.904965   818.079266
 0.75000    9.463209   38.931325    3.092355
64.474260    3.395754   813.053668
 1.00000    9.463209   38.939352    3.092355
64.459783    4.237882   808.386057
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    732

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.253371  -30.531289    -3.142719
-69.435524   -58.837950 -803.653942
 0.25000   -7.253371  -30.523237    -3.142719
-69.450005   -57.910130 -807.990007
 0.50000   -7.253371  -30.515473    -3.142719
-69.466127   -57.532589 -812.465740
 0.75000   -7.253371  -30.508156    -3.142719
-69.483452   -57.769309 -817.233729
 1.00000   -7.253371  -30.501446    -3.142719
-69.501536   -58.597929 -822.007518

  COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.619779   77.356438    5.342561
130.646298    6.791132   1677.033
 0.25000   12.619779   77.363104    5.342561
130.628221    5.767859   1667.499
 0.50000   12.619779   77.370388    5.342561
130.610900    5.340639   1658.340
 0.75000   12.619779   77.378119    5.342561
130.594762    5.758049   1649.474
 1.00000   12.619779   77.386148    5.342561
130.580264    6.711282   1641.330

  COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -16.354603  -63.338389    -5.366359
-136.960560   -89.968518   -1443.008
 0.25000  -16.354603  -63.330334    -5.366359
-136.975063   -88.161352   -1451.362
 0.50000  -16.354603  -63.322569    -5.366359
-136.991207   -87.380545   -1459.724
 0.75000  -16.354603  -63.315249    -5.366359
-137.008555   -87.894959   -1470.832
 1.00000  -16.354603  -63.308537    -5.366359
-137.026664   -89.420457   -1481.937

  COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.633781  131.964724    5.050359
210.607712   14.840275   2723.677
 0.25000   14.633781  132.036715    5.050359
210.412480   13.737437   2704.818
 0.50000   14.633781  132.115380    5.050359
210.225414   13.180774   2690.092
 0.75000   14.633781  132.198877    5.050359
210.051123   13.504614   2680.257
 1.00000   14.633781  132.285595    5.050359
209.894543   14.532647   2674.775

  COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.104505 -114.023307    -5.012727
-214.678476   -83.617810   -2003.858
 0.25000  -14.104505 -113.936313    -5.012727
-214.835116   -82.385371   -2015.867
 0.50000  -14.104505 -113.852447    -5.012727
-215.009467   -82.002447   -2027.888
 0.75000  -14.104505 -113.773098    -5.012727
-215.196827   -82.471016   -2039.910
 1.00000  -14.104505 -113.700906    -5.012727
-215.392398   -83.763540   -2051.932

  COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   22.809205  209.567515    6.553208
353.372413   54.268592   3637.792
 0.25000   22.809205  220.195193    6.553208
329.123347   53.231477   3641.717
 0.50000   22.809205  231.787403    6.553208
305.813496   52.848534   3633.081
 0.75000   22.809205  244.069924    6.553208
284.159752   53.321595   3613.996
 1.00000   22.809205  256.795860    6.553208
264.899667   54.565406   3582.462
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    733

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -19.420950 -236.717418    -6.422511
-255.951204   -79.125438   -2279.175
 0.25000  -19.420950 -223.942402    -6.422511
-285.212616   -78.722274   -2293.237
 0.50000  -19.420950 -211.601610    -6.422511
-306.875347   -78.921373   -2307.341
 0.75000  -19.420950 -199.949412    -6.422511
-330.236877   -79.889592   -2321.464
 1.00000  -19.420950 -189.254196    -6.422511
-354.546935   -81.606897   -2335.552

  COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   20.986435  259.479775    6.534166
374.531218  106.789689   4306.009
 0.25000   20.986435  285.044680    6.534166
374.531218  105.146211   4334.569
 0.50000   20.986435  312.916462    6.534166
374.531218  104.868743   4342.334
 0.75000   20.986435  344.743769    6.534166
374.531218  106.161899   4328.910
 1.00000   20.986435  377.247411    6.534166
374.531218  108.825614   4328.681

  COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.177968 -382.845636    -6.961408
-377.160246   -75.674511   -1015.097
 0.25000  -17.177968 -350.327977    -6.961408
-377.160246   -73.864569  -940.396950
 0.50000  -17.177968 -319.839186    -6.961408
-377.160246   -73.307653   -1016.515
 0.75000  -17.177968 -292.105625    -6.961408
-377.160246   -74.241319   -1101.134
 1.00000  -17.177968 -266.476618    -6.961408
-377.160246   -76.420321   -1192.654

  COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   26.559913  293.962144    7.673035
388.504484  122.680618   4498.517
 0.25000   26.559913  313.990835    7.673035
390.871955  121.893557   4524.297
 0.50000   26.559913  335.672167    7.673035
392.774523  121.884345   4522.877
 0.75000   26.559913  358.555403    7.673035
393.182112  122.784709   4497.963
 1.00000   26.559913  382.034046    7.673035
393.182112  124.443531   4445.698

  COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -30.409346 -364.360444    -7.421234
-385.065914   -89.968518   -2344.925
 0.25000  -30.409346 -340.774304    -7.421234
-385.065914   -88.161352   -2360.011
 0.50000  -30.409346 -317.781586    -7.421234
-384.601031   -87.380545   -2375.254
 0.75000  -30.409346 -295.953543    -7.421234
-382.641131   -87.894959   -2390.310
 1.00000  -30.409346 -275.777037    -7.421234
-380.273660   -89.420457   -2405.464

  COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   26.559913  293.962144    7.673035
388.504484  122.680618   4498.517
 0.25000   26.559913  313.990835    7.673035
390.871955  121.893557   4524.297
 0.50000   26.559913  335.672167    7.673035
392.774523  121.884345   4522.877
 0.75000   26.559913  358.555403    7.673035
393.182112  122.784709   4497.963
 1.00000   26.559913  382.034046    7.673035
393.182112  124.443531   4445.698

  COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -30.409346 -382.845636    -7.421234
-385.065914   -89.968518   -2344.925
 0.25000  -30.409346 -350.327977    -7.421234
-385.065914   -88.161352   -2360.011
 0.50000  -30.409346 -319.839186    -7.421234
-384.601031   -87.380545   -2375.254
 0.75000  -30.409346 -295.953543    -7.421234
-382.641131   -87.894959   -2390.310
 1.00000  -30.409346 -275.777037    -7.421234
-380.273660   -89.420457   -2405.464

  COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   26.559913  293.962144    7.673035
388.504484  122.680618   4498.517
 0.25000   26.559913  313.990835    7.673035
390.871955  121.893557   4524.297
 0.50000   26.559913  335.672167    7.673035
392.774523  121.884345   4522.877
 0.75000   26.559913  358.555403    7.673035
393.182112  122.784709   4497.963
 1.00000   26.559913  382.034046    7.673035
393.182112  124.443531   4445.698

  COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -30.409346 -382.845636    -7.421234
-385.065914   -89.968518   -2344.925
 0.25000  -30.409346 -350.327977    -7.421234
-385.065914   -88.161352   -2360.011
 0.50000  -30.409346 -319.839186    -7.421234
-384.601031   -87.380545   -2375.254
 0.75000  -30.409346 -295.953543    -7.421234
-382.641131   -87.894959   -2390.310
 1.00000  -30.409346 -275.777037    -7.421234
-380.273660   -89.420457   -2405.464

ELEM        40 ================== LENGTH
=     4.987093

  COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.196489  197.625525    5.777028
337.732439   77.516964   2322.285
 0.25000   10.196489  220.007289    5.777028
337.732439   73.392120   2330.907
 0.50000   10.196489  244.186366    5.777028
337.732439   70.274328   2309.531
 0.75000   10.196489  269.615250    5.777028
337.732439   68.250960   2255.015
 1.00000   10.196489  294.804124    5.777028
337.732439   67.190816   2167.450

  COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.255867 -241.837251    -2.307263
-110.410349   -12.036508 -473.317007
 0.25000  -10.255867 -216.804529    -2.307263
-110.410349   -14.013928 -516.887716
 0.50000  -10.255867 -191.797191    -2.307263
-110.410349   -17.924922 -560.474531
 0.75000  -10.255867 -168.141246    -2.307263
-110.410349   -20.884990 -604.101496
 1.00000  -10.255867 -146.469650    -2.307263
-110.410349   -23.852031 -647.741737

  COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   20.316947  302.507456    7.447504
458.629816  107.426246   3772.200
 0.25000   20.316947  330.672316    7.447504
458.629816  103.744070   3735.247
 0.50000   20.316947  361.011149    7.447504
458.629816   99.492088   3676.652
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    735

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000   20.316947  392.874110    7.447504
458.629816   97.774862   3600.082
 1.00000   20.316947  425.245446    7.447504
458.629816   97.678184   3497.418

  COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.037451 -335.168634    -5.041948
-188.105890   -18.573434  -840.798231
 0.25000  -14.037451 -302.977010    -5.041948
-188.105890   -22.054532  -915.741623
 0.50000  -14.037451 -271.562938    -5.041948
-188.105890   -25.569198  -990.710921
 0.75000  -14.037451 -241.891595    -5.041948
-188.105890   -29.118655   -1065.733
 1.00000  -14.037451 -214.573692    -5.041948
-188.105890   -32.691722   -1140.786

  COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.943706  318.759874    7.179798
465.801204   96.657529   4328.310
 0.25000   16.943706  344.625552    7.179798
465.801204   92.662575   4262.257
 0.50000   16.943706  372.484555    7.179798
465.801204   89.996593   4181.328
 0.75000   16.943706  401.739284    7.179798
465.801204   88.832680   4086.981
 1.00000   16.943706  431.522683    7.179798
465.801204   89.204424   3973.756

  COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.894232 -319.580935    -4.988922
-279.804029   -20.214217   -1109.911
 0.25000  -13.894232 -289.962133    -4.988922
-279.804029   -23.275842   -1203.675
 0.50000  -13.894232 -261.116633    -4.988922
-279.804029   -26.360387   -1297.463
 0.75000  -13.894232 -233.867609    -4.988922
-279.804029   -29.461663   -1391.296
 1.00000  -13.894232 -208.775271    -4.988922
-279.804029   -32.574289   -1485.156

  COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   17.019094  285.505894    7.748087
407.501745   81.616450   4095.912
 0.25000   17.019094  307.061375    7.748087
407.501745   78.209894   4024.398
 0.50000   17.019094  330.277211    7.748087
407.501745   76.066398   3941.373
 0.75000   17.019094  354.656152    7.748087
407.501745   75.748550   3847.928
 1.00000   17.019094  379.475651    7.748087
407.501745   76.754600   3739.675

  COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -16.286206 -279.112702    -6.400380
-315.832041   -43.941587   -1192.728
 0.25000  -16.286206 -254.430367    -6.400380
-315.832041   -45.231734   -1287.232
 0.50000  -16.286206 -230.392450    -6.400380
-315.832041   -47.098452   -1381.756
 0.75000  -16.286206 -207.684930    -6.400380
-315.832041   -49.687676   -1476.329
 1.00000  -16.286206 -186.774648    -6.400380
-315.832041   -52.879138   -1570.930

  COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.084330   89.488637    0.936073
142.586085   19.555713   1444.607
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    736

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   10.084330   89.501202    0.936073
142.545189   19.624922   1377.196
 0.50000   10.084330   89.514631    0.936073
142.510712   19.927098   1330.208
 0.75000   10.084330   89.528647    0.936073
142.478125   20.562388   1309.258
 1.00000   10.084330   89.544394    0.936073
142.448006   21.695203   1309.079

  COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.536957  -49.182421    -2.403036
-138.530586   -6.259331   -421.304841
 0.25000   -2.536957  -49.166728    -2.403036
-138.559330   -6.551958   -456.769846
 0.50000   -2.536957  -49.152852    -2.403036
-138.590996   -6.871475   -490.234873
 0.75000   -2.536957  -49.139646    -2.403036
-138.624089   -7.208143   -524.708644
 1.00000   -2.536957  -49.127370    -2.403036
-138.664069   -7.564779   -559.189899

  COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.766029  130.336262    2.431026
180.289568   18.749855   2309.388
 0.25000    8.766029  130.348828    2.431026
180.248657   18.844320   2209.480
 0.50000    8.766029  130.362257    2.431026
180.214167   19.426993   2134.590
 0.75000    8.766029  130.376275    2.431026
180.181568   20.512382   2089.773
 1.00000    8.766029  130.392023    2.431026
180.151438   22.119107   2069.522

  COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.132727  -64.085894    -3.660217
-260.653965   -19.738132   -792.377468
 0.25000   -7.132727  -64.070199    -3.660217
-260.682756   -19.408933   -852.864744
 0.50000   -7.132727  -64.056322    -3.660217
-260.714432   -19.435701   -913.352043
 0.75000   -7.132727  -64.043115    -3.660217
-260.747537   -19.619232   -973.839437
 1.00000   -7.132727  -64.030838    -3.660217
-260.787540   -20.728946   -1034.350

  COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.115855  268.917864    5.903155
396.567688   70.026357   3849.978
 0.25000   14.115855  290.671634    5.903155
370.599989   67.699683   3784.042
 0.50000   14.115855  314.014469    5.903155
342.009571   66.403512   3706.364
 0.75000   14.115855  338.455754    5.903155
311.201142   66.502516   3617.405
 1.00000   14.115855  364.566164    5.903155
308.779633   67.753703   3512.695

  COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.413688 -263.517195    -5.276648
-262.952667   -26.330355   -1088.780
 0.25000  -13.413688 -237.523660    -5.276648
-262.952667   -27.733385   -1177.251
 0.50000  -13.413688 -213.377099    -5.276648
-272.013411   -29.456825   -1265.751
 0.75000  -13.413688 -190.486879    -5.276648
-301.721571   -31.584258   -1354.277
 1.00000  -13.413688 -169.312007    -5.276648
-328.315555   -34.022665   -1442.832
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    737

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.803327  240.067244    6.205531
354.251811   59.311140   3640.532
 0.25000   14.803327  258.184973    6.205531
332.635279   57.718907   3571.121
 0.50000   14.803327  277.626254    6.205531
308.837260   57.350522   3492.303
 0.75000   14.803327  297.982464    6.205531
283.192675   58.252323   3404.928
 1.00000   14.803327  319.727505    6.205531
281.273783   60.170363   3305.137

  COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.235978 -231.940542    -6.875344
-296.156917   -52.453043   -1171.091
 0.25000  -14.235978 -210.292865    -6.875344
-296.156917   -52.081810   -1259.668
 0.50000  -14.235978 -190.182918    -6.875344
-303.638650   -52.404690   -1348.277
 0.75000  -14.235978 -171.171915    -6.875344
-328.366872   -53.571647   -1436.924
 1.00000  -14.235978 -153.482402    -6.875344
-350.502044   -55.464847   -1525.645
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COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.996641	22.459931	1.497878
39.197184	3.076300	622.038606	
0.25000	4.996641	22.472503	1.497878
39.156196	4.598180	601.747814	
0.50000	4.996641	22.485938	1.497878
39.121647	6.214739	582.160285	
0.75000	4.996641	22.499661	1.497878
39.088989	7.904337	563.250470	
1.00000	4.996641	22.515721	1.497878
39.058799	9.664755	545.010219	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.571535	-18.914148	-4.039198
-114.983668	-50.158566	-399.579618	
0.25000	-5.571535	-18.898443	-4.039198
-115.012689	-47.376565	-421.075772	
0.50000	-5.571535	-18.884560	-4.039198
-115.044422	-45.225625	-442.610944	
0.75000	-5.571535	-18.871347	-4.039198
-115.077584	-43.762332	-464.231339	
1.00000	-5.571535	-18.859064	-4.039198
-115.117705	-42.980005	-485.858265	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.100214	54.009577	3.808695
66.482355	4.612734	1310.024	
0.25000	8.100214	54.022142	3.808695
66.441459	6.190082	1265.258	
0.50000	8.100214	54.035571	3.808695
66.406982	8.134529	1223.709	
0.75000	8.100214	54.049587	3.808695
66.374395	10.382288	1185.216	
1.00000	8.100214	54.065333	3.808695
66.344276	12.823741	1149.877	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.789553	-35.336253	-6.448292
-220.908334	-75.690927	-724.515303	
0.25000	-12.789553	-35.320560	-6.448292
-220.937079	-71.757616	-767.610375	
0.50000	-12.789553	-35.306684	-6.448292
-220.968744	-69.101899	-810.741644	
0.75000	-12.789553	-35.293478	-6.448292
-221.001838	-68.013790	-853.950989	
1.00000	-12.789553	-35.281202	-6.448292
-221.041817	-68.434335	-897.190495	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
738

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.844738	107.333667	3.279331
147.789465	9.947934	2260.026	
0.25000	8.844738	107.344977	3.279331
147.752645	11.482186	2174.993	
0.50000	8.844738	107.357064	3.279331
147.721605	13.452892	2103.794	
0.75000	8.844738	107.369679	3.279331
147.692266	15.861659	2046.132	
1.00000	8.844738	107.383853	3.279331
147.665148	18.633281	2002.323	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.613969	-55.380527	-6.284363
-312.934831	-66.505091	-1008.650	
0.25000	-10.613969	-55.366402	-6.284363
-312.960743	-63.284601	-1075.543	
0.50000	-10.613969	-55.353913	-6.284363
-312.989252	-61.038849	-1142.467	
0.75000	-10.613969	-55.342026	-6.284363
-313.019047	-59.911745	-1209.462	
1.00000	-10.613969	-55.330977	-6.284363
-313.055049	-59.796075	-1276.486	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.178076	201.746811	5.041447
343.495785	44.022616	3263.036	
0.25000	14.178076	214.523749	5.041447
307.660554	41.145478	3184.650	
0.50000	14.178076	228.205598	5.041447
279.215833	44.988574	3105.549	
0.75000	14.178076	242.508196	5.041447
256.647455	46.886296	3027.707	
1.00000	14.178076	258.190778	5.041447
232.400609	49.540116	2946.606	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.413159	-181.601431	-7.452088
-311.118329	-61.563455	-1152.254	
0.25000	-13.413159	-165.980466	-7.452088
-321.968216	-59.820537	-1235.583	
0.50000	-13.413159	-151.835612	-7.452088
-341.327655	-58.896164	-1318.958	
0.75000	-13.413159	-138.399041	-7.452088
-368.623409	-58.506195	-1402.405	
1.00000	-13.413159	-125.938510	-7.452088
-402.717360	-59.760142	-1485.897	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.074188	199.725309	7.957170
336.856563	85.091304	2253.055	
0.25000	13.074188	218.607541	7.957170
345.360847	80.263839	2241.733	
0.50000	13.074188	238.946371	7.957170
353.864307	76.071657	2197.607	
0.75000	13.074188	260.270613	7.957170
361.818822	72.615973	2119.893	
1.00000	13.074188	281.895880	7.957170
368.829788	69.792627	2009.693	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.950879	-208.951031	-2.229378
-132.452140	-21.215961	-948.135671	
0.25000	-23.950879	-189.046366	-2.229378
-132.452140	-24.940510	-962.907011	
0.50000	-23.950879	-169.666470	-2.229378
-132.451415	-28.681003	-977.769882	
0.75000	-23.950879	-151.317800	-2.229378
-131.901647	-32.431507	-992.705386	
1.00000	-23.950879	-134.473014	-2.229378
-130.408328	-36.199830	-1007.565	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
739

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.574760	322.330640	9.865820
469.666378	121.955294	3715.896	
0.25000	25.574760	345.320285	9.865820
472.962406	117.663652	3652.516	
0.50000	25.574760	370.108412	9.865820
476.258434	114.154604	3558.086	
0.75000	25.574760	396.067095	9.865820
479.554461	111.543079	3439.714	
1.00000	25.574760	422.609949	9.865820
482.832362	109.632595	3292.573	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.418883	-300.095144	-5.212581
-226.205728	-32.844708	-1685.677	
0.25000	-28.418883	-275.647127	-5.212581
-226.205728	-36.797501	-1709.372	
0.50000	-28.418883	-251.888325	-5.212581
-226.205728	-40.742802	-1733.133	
0.75000	-28.418883	-229.439081	-5.212581
-226.205728	-44.755492	-1757.017	
1.00000	-28.418883	-208.830349	-5.212581
-226.187798	-48.814313	-1780.692	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.809339	362.101112	9.431260
466.105461	110.380015	4445.445	
0.25000	22.809339	383.218490	9.431260
468.472629	106.117356	4348.231	
0.50000	22.809339	405.992402	9.431260
470.839798	102.678453	4223.694	
0.75000	22.809339	429.845947	9.431260
473.206967	100.185349	4075.676	
1.00000	22.809339	454.239989	9.431260
475.574021	98.517234	3901.725	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.389447	-302.662056	-5.243443
-314.078794	-39.372906	-2254.569	
0.25000	-27.389447	-280.179822	-5.243443
-314.078794	-42.274166	-2280.310	
0.50000	-27.389447	-258.341621	-5.243443
-314.078794	-45.363819	-2306.123	
0.75000	-27.389447	-237.707998	-5.243443
-314.078794	-48.643686	-2332.029	
1.00000	-27.389447	-218.769012	-5.243443
-314.078844	-52.078017	-2357.760	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.517812	338.088103	9.601072
412.892125	93.614699	4303.750	
0.25000	22.517812	355.690398	9.601072
414.285268	90.166372	4198.589	
0.50000	22.517812	374.673899	9.601072
416.838410	87.763960	4071.153	
0.75000	22.517812	394.556505	9.601072
418.811553	86.452243	3924.164	
1.00000	22.517812	414.890048	9.601072
420.784600	85.976894	3755.609	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.363114	-270.386982	-6.832941
-356.888690	-63.698231	-2405.470	
0.25000	-29.363114	-251.647017	-6.832941
-356.888690	-65.016268	-2426.080	
0.50000	-29.363114	-233.443883	-6.832941
-356.888690	-67.092765	-2446.759	
0.75000	-29.363114	-216.244820	-6.832941
-356.888690	-69.732164	-2467.527	
1.00000	-29.363114	-200.458314	-6.832941
-356.888731	-72.835322	-2488.157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
740

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.236058	115.108246	1.153162
124.723056	27.242715	1514.177	
0.25000	12.236058	115.115219	1.153162
124.704188	28.144226	1446.927	
0.50000	12.236058	115.122790	1.153162
124.688298	29.252122	1379.675	
0.75000	12.236058	115.130794	1.153162
124.669230	30.527058	1344.747	
1.00000	12.236058	115.139077	1.153162
124.654017	32.003458	1313.292	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.254519	-61.996997	-2.779080
-137.844974	-11.840818	-840.642124	
0.25000	-3.254519	-61.989227	-2.779080
-137.858883	-11.666090	-849.110402	
0.50000	-3.254519	-61.981761	-2.779080
-137.874419	-11.597780	-857.600012	
0.75000	-3.254519	-61.974756	-2.779080
-137.891166	-11.599474	-866.040656	
1.00000	-3.254519	-61.968376	-2.779080
-137.908671	-11.657170	-874.493842	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.323932	182.364552	2.655559
159.007221	24.831561	2557.891	
0.25000	11.323932	182.371526	2.655559
158.988353	25.174122	2450.059	
0.50000	11.323932	182.379096	2.655559
158.970263	25.846322	2352.296	
0.75000	11.323932	182.387101	2.655559
158.953394	26.933114	2269.483	
1.00000	11.323932	182.395383	2.655559
158.938182	28.363765	2198.068	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.775711	-91.079922	-3.838136
-263.711568	-31.180703	-1603.508	
0.25000	-8.775711	-91.072151	-3.838136
-263.725476	-30.422524	-1614.891	
0.50000	-8.775711	-91.064685	-3.838136
-263.741013	-30.036745	-1626.276	
0.75000	-8.775711	-91.057681	-3.838136
-263.757760	-30.121160	-1637.643	
1.00000	-8.775711	-91.051300	-3.838136
-263.775265	-30.509823	-1648.984	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.061145	317.432314	7.115001
405.683148	81.761569	4026.440	
0.25000	19.061145	335.960819	7.115001
372.105430	79.914067	3933.849	
0.50000	19.061145	355.949969	7.115001
339.320484	78.525647	3816.207	
0.75000	19.061145	377.040498	7.115001
308.884604	77.759971	3676.208	
1.00000	19.061145	398.717281	7.115001
300.633792	77.542111	3512.351	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.876805	-259.542012	-5.464065
-279.247445	-43.101839	-2196.570	
0.25000	-20.876805	-239.378683	-5.464065
-279.462936	-44.203446	-2218.112	
0.50000	-20.876805	-219.906417	-5.464065
-300.345456	-45.646084	-2239.711	
0.75000	-20.876805	-201.569663	-5.464065
-327.701360	-47.510774	-2261.240	
1.00000	-20.876805	-184.818575	-5.464065
-356.029826	-49.652580	-2282.734	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
741

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.468008	297.174239	7.081294
366.909339	69.639889	3911.507	
0.25000	20.468008	312.604983	7.081294
338.945445	68.756727	3811.920	
0.50000	20.468008	329.252168	7.081294
311.641780	68.682406	3691.768	
0.75000	20.468008	346.816593	7.081294
286.294444	69.234228	3553.048	
1.00000	20.468008	364.869257	7.081294
279.423077	70.386237	3394.439	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.722066	-234.131007	-7.577146
-328.607644	-71.309657	-2367.729	
0.25000	-21.722066	-217.338764	-7.577146
-328.787107	-70.381808	-2383.272	
0.50000	-21.722066	-201.122046	-7.577146
-346.178301	-70.222102	-2398.874	
0.75000	-21.722066	-185.850995	-7.577146
-368.960600	-70.667956	-2414.444	
1.00000	-21.722066	-171.900594	-7.577146
-392.552858	-71.659098	-2429.985	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.171691	47.051754	1.450835
48.451430	4.032683	808.616024	
0.25000	9.171691	47.058724	1.450835
48.432618	6.303201	776.346803	
0.50000	9.171691	47.066290	1.450835
48.414580	8.739139	744.334392	
0.75000	9.171691	47.074289	1.450835
48.397760	11.235373	712.531039	
1.00000	9.171691	47.082566	1.450835
48.382594	13.914192	680.721910	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.892028	-27.359522	-5.409645
-146.330100	-58.423128	-821.994983	
0.25000	-6.892028	-27.351757	-5.409645
-146.343958	-55.281768	-817.601029	
0.50000	-6.892028	-27.344297	-5.409645
-146.359441	-52.137835	-813.229337	
0.75000	-6.892028	-27.337297	-5.409645
-146.376132	-50.156992	-808.518627	
1.00000	-6.892028	-27.330920	-5.409645
-146.393577	-48.203527	-803.990230	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.188653	100.102984	3.980715
79.673584	6.594834	1641.728	
0.25000	12.188653	100.109956	3.980715
79.654748	8.96960	1575.973	
0.50000	12.188653	100.117523	3.980715
79.636688	11.693839	1511.828	
0.75000	12.188653	100.125525	3.980715
79.619847	14.747909	1448.333	
1.00000	12.188653	100.133804	3.980715
79.604661	18.181372	1385.277	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.875080	-52.065307	-7.876835
-263.802240	-89.284510	-1481.899	
0.25000	-15.875080	-52.057540	-7.876835
-263.816120	-85.655923	-1480.818	
0.50000	-15.875080	-52.050077	-7.876835
-263.831626	-82.909880	-1479.760	
0.75000	-15.875080	-52.043075	-7.876835
-263.848341	-81.319024	-1478.772	
1.00000	-15.875080	-52.036697	-7.876835
-263.865811	-80.521165	-1480.094	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
742

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.259634	172.639889	3.317953
141.788514	14.279001	2675.193	
0.25000	14.259634	172.715178	3.317953
141.585082	16.435575	2568.521	
0.50000	14.259634	172.796911	3.317953
141.390030	19.155505	2465.084	
0.75000	14.259634	172.883325	3.317953
141.208154	21.991445	2368.084	
1.00000	14.259634	172.972743	3.317953
141.044144	25.322852	2275.009	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.558640	-85.532354	-7.652307
-345.147160	-83.748482	-2051.887	
0.25000	-13.558640	-85.448467	-7.652307
-345.297064	-79.973532	-2054.539	
0.50000	-13.558640	-85.367872	-7.652307
-345.464526	-76.981800	-2057.210	
0.75000	-13.558640	-85.292249	-7.652307
-345.645050	-74.706418	-2060.100	
1.00000	-13.558640	-85.223366	-7.652307
-345.833731	-73.076562	-2062.829	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.263670	263.303351	5.588713
336.375337	53.505878	3582.707	
0.25000	22.263670	274.441879	5.588713
310.677464	54.793889	3478.251	
0.50000	22.263670	286.509130	5.588713
285.949969	56.630694	3360.992	
0.75000	22.263670	299.244055	5.588713
262.937908	58.867109	3233.277	
1.00000	22.263670	312.387530	5.588713
242.333598	61.627653	3093.889	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.564768	-194.356154	-8.697075
-348.322600	-80.988137	-2335.529	
0.25000	-18.564768	-182.071269	-8.697075
-366.340824	-78.600084	-2346.365	
0.50000	-18.564768	-170.242557	-8.697075
-386.729588	-76.899165	-2357.270	
0.75000	-18.564768	-159.124808	-8.697075
-408.790381	-75.851041	-2368.198	
1.00000	-18.564768	-148.982892	-8.697075
-431.772622	-75.395692	-2386.036	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.316947	318.758974	7.748087
465.801204	107.426246	4328.310	
0.25000	20.316947	344.625552	7.748087
465.801204	102.744070	4262.257	
0.50000	20.316947	372.484555	7.748087
465.801204	99.492088	4181.328	
0.75000	20.316947	401.739284	7.748087
465.801204	97.774862	4086.981	
1.00000	20.316947	431.522683	7.748087
465.801204	97.678184	3973.756	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.286206	-335.168634	-7.452088
-315.832041	-75.690927	-1192.728	
0.25000	-16.286206	-302.977710	-7.452088
-321.968216	-71.757616	-1287.232	
0.50000	-16.286206	-271.562938	-7.452088
-341.327655	-69.101899	-1381.756	
0.75000	-16.286206	-241.891595	-7.452088
-368.623409	-68.013790	-1476.329	
1.00000	-16.286206	-214.573692	-7.452088
-402.717360	-68.434335	-1570.930	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
743

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.574760	362.101112	9.865820
469.666378	121.955294	4445.445	
0.25000	25.574760	383.218490	9.865820
472.962406	117.663652	4348.231	
0.50000	25.574760	405.992402	9.865820
476.258434	114.154604	4223.694	
0.75000	25.574760	429.845947	9.865820
479.554461	111.543079	4075.676	
1.00000	25.574760	454.239989	9.865820
482.832362	109.632595	3901.725	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.363114	-302.662056	-8.697075
-356.888690	-89.284510	-2405.470	
0.25000	-29.363114	-280.179822	-8.697075
-366.340824	-85.655923	-2426.080	
0.50000	-29.363114	-258.341621	-8.697075
-386.729588	-82.909880	-2446.759	
0.75000	-29.363114	-237.707998	-8.697075
-408.790381	-81.319024	-2467.527	
1.00000	-29.363114	-218.769012	-8.697075
-431.772622	-80.521165	-2488.157	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.574760	362.101112	9.865820
469.666378	121.955294	4445.445	
0.25000	25.574760	383.218490	9.865820
472.962406	117.663652	4348.231	
0.50000	25.574760	405.992402	9.865820
476.258434	114.154604	4223.694	
0.75000	25.574760	429.845947	9.865820
479.554461	111.543079	4075.676	
1.00000	25.574760	454.239989	9.865820
482.832362	109.632595	3973.756	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.363114	-335.168634	-8.697075
-356.888690	-89.284510	-2405.470	
0.25000	-29.363114	-302.977710	-8.697075
-366.340824	-85.655923	-2426.080	
0.50000	-29.363114	-271.562938	-8.697075
-386.729588	-82.909880	-2446.759	
0.75000	-29.363114	-241.891595	-8.697075
-408.790381	-81.319024	-2467.527	
1.00000	-29.363114	-218.769012	-8.697075
-431.772622	-80.521165	-2488.157	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.574760	362.101112	9.865820
469.666378	121.955294	4445.445	
0.25000	25.574760	383.218490	9.865820
472.962406	117.663652	4348.231	
0.50000	25.574760	405.992402	9.865820
476.258434	114.154604	4223.694	
0.75000	25.574760	429.845947	9.865820
479.554461	111.543079	4086.981	
1.00000	25.574760	454.239989	9.865820
482.832362	109.632595	3973.756	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.363114	-335.168634	-8.697075
-356.888690	-89.284510	-2405.470	
0.25000	-29.363114	-302.977710	-8.697075
-366.340824	-85.655923	-2426.080	
0.50000	-29.363114	-271.562938	-8.697075
-386.729588	-82.909880	-2446.759	
0.75000	-29.363114	-241.891595	-8.697075
-408.790381	-81.319024	-2467.527	
1.00000	-29.363114	-218.769012	-8.697075
-431.772622	-80.521165	-2488.157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
744

FRAME ELEMENT INTERNAL FORCES

ELEM 41 ========== LENGTH = 4.987643

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.568269	228.939883	7.474850
445.392026	66.102196	2166.251	
0.25000	9.568269	251.385223	7.474850
445.392026	59.365709	2128.303	
0.50000	9.568269	275.508851	7.474850
445.392026	53.688985	2061.250	
0.75000	9.568269	300.772679	7.474850
445.392026	48.936152	1961.842	
1.00000	9.568269	325.727422	7.474850
445.392026	45.278221	1830.141	

COMB DB-G1-1 ---------- MIN

```
  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -10.046547 -211.099135    -0.384130
-52.930628   -23.644055 -647.749992
 0.25000   -10.046547 -186.392630    -0.384130
-52.930628   -27.922556 -701.475788
 0.50000   -10.046547 -161.720586    -0.384130
-52.930628   -32.203104 -755.201969
 0.75000   -10.046547 -138.515976    -0.384130
-52.930628   -36.485913 -808.928628
 1.00000   -10.046547 -117.270924    -0.384130
-52.930628   -40.769159 -862.655294

  COMB DB-G1-2 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    19.627004  355.055414     9.361267
573.809706   96.103579  3496.210
 0.25000    19.627004  383.308129     9.361267
573.809706   90.111408  3378.363
 0.50000    19.627004  413.576705     9.361267
573.809706   87.060016  3241.179
 0.75000    19.627004  445.225478     9.361267
573.809706   85.781370  3086.831
 1.00000    19.627004  477.292573     9.361267
573.809706   85.934169  2909.006

  COMB DB-G1-2 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.960828 -285.158347    -4.000973
-144.843563  -32.386086   -1140.799
 0.25000  -12.960828 -253.366359    -4.000973
-144.843563  -37.359413   -1229.995
 0.50000  -12.960828 -222.406047    -4.000973
-144.843563  -42.366753   -1319.201
 0.75000  -12.960828 -193.247141    -4.000973
-144.843563  -47.327588   -1408.410
 1.00000  -12.960828 -166.473319    -4.000973
-144.843563  -52.490989   -1497.623

  COMB DB-G1-3 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    16.293081  382.482433     8.656287
528.078177   87.439742  3973.033
 0.25000    16.293081  408.430214     8.656287
528.078177   81.487707  3808.546
 0.50000    16.293081  436.224695     8.656287
528.078177   77.902987  3627.521
 0.75000    16.293081  465.282150     8.656287
528.078177   76.037622  3434.827
 1.00000    16.293081  494.785431     8.656287
528.078177   75.740017  3227.025

  COMB DB-G1-3 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -12.902875 -274.454928    -3.949753
-266.107611  -32.234593   -1485.157
 0.25000  -12.902875 -245.201709    -3.949753
-266.107611  -36.395585   -1590.968
 0.50000  -12.902875 -216.772320    -3.949753
-266.107611  -40.588079   -1696.787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    745

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  REL DIST          P          V2          V3
     T          M2          M3
 0.75000   -12.902875 -189.993573    -3.949753
-266.107611  -44.802504   -1802.606
 1.00000  -12.902875 -165.401241    -3.949753
-266.107611  -49.031784   -1908.425

  COMB DB-G1-4 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    16.375137  348.344781     9.116083
460.839589   75.362844  3739.516
 0.25000    16.375137  369.967932     9.116083
460.839589   71.368382  3571.099
 0.50000    16.375137  393.129599     9.116083
460.839589   69.392627  3389.901
 0.75000    16.375137  417.344545     9.116083
460.839589   68.915586  3199.958
 1.00000    16.375137  441.930613     9.116083
460.839589   69.843537  2998.636

  COMB DB-G1-4 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -15.470987 -241.601071    -5.954560
-345.703842  -52.596847   -1570.921
 0.25000  -15.470987 -217.223389    -5.954560
-345.703842  -54.749619   -1671.092
 0.50000  -15.470987 -193.532232    -5.954560
-345.703842  -57.753029   -1771.268
 0.75000  -15.470987 -171.216609    -5.954560
-345.703842  -62.162022   -1871.453
 1.00000  -15.470987 -150.722999    -5.954560
-345.703842  -66.975712   -1971.657

  COMB DB-G2-1 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    10.123328  112.077294     0.963605
120.288249   21.417969  1309.259
 0.25000    10.123328  112.089911     0.963605
120.246642   23.427387  1203.305
 0.50000    10.123328  112.103308     0.963605
120.211367   26.941964  1120.030
 0.75000    10.123328  112.117215     0.963605
120.178016   30.891004  1063.773
 1.00000    10.123328  112.132808     0.963605
120.147106   34.925042  1027.882

  COMB DB-G2-1 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    -2.220527  -33.215482    -3.404663
-135.919182   -7.479961  -559.190869
 0.25000    -2.220527  -33.199945    -3.404663
-135.940875   -7.803540  -596.384215
 0.50000    -2.220527  -33.186243    -3.404663
-135.970135   -8.140964  -633.586481
 0.75000    -2.220527  -33.173257    -3.404663
-136.003625   -8.504910  -670.788764
 1.00000    -2.220527  -33.161231    -3.404663
-136.042889   -8.877447  -707.991054

  COMB DB-G2-2 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.734259  168.907711     2.583764
128.081790   21.512652  2070.175
 0.25000    8.734259  168.920330     2.583764
128.040168   22.538087  1908.048
 0.50000    8.734259  168.933728     2.583764
128.004881   25.102091  1768.455
 0.75000    8.734259  168.947636     2.583764
127.971518   28.363472  1660.160
 1.00000    8.734259  168.963231     2.583764
127.940596   32.156748  1579.828

  COMB DB-G2-2 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -6.897622  -50.455109    -4.557871
-295.644704  -20.624013   -1034.333
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    746

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  REL DIST          P          V2          V3
     T          M2          M3
 0.25000   -6.897622  -50.439570    -4.557871
-295.666404  -20.337745   -1094.910
 0.50000   -6.897622  -50.425866    -4.557871
-295.695720  -20.637091   -1155.495
 0.75000   -6.897622  -50.412879    -4.557871
-295.729222  -22.189580   -1216.091
 1.00000   -6.897622  -50.400852    -4.557871
-295.768500  -23.813522   -1276.694

  COMB DB-G2-3 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.628205  327.819845     6.973082
416.767186   66.412054  3512.704
 0.25000   13.628205  349.652384     6.973082
390.245091   63.626302  3354.427
 0.50000   13.628205  372.941008     6.973082
360.994405   62.632966  3182.746
 0.75000   13.628205  397.205341     6.973082
332.105345   63.345540  3001.747
 1.00000   13.628205  423.065599     6.973082
332.105345   65.436547  2808.464

  COMB DB-G2-3 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.693039 -227.515014    -5.612663
-298.313546  -33.772991   -1442.825
 0.25000  -12.693039 -201.810778    -5.612663
-298.313546  -35.900072   -1538.514
 0.50000  -12.693039 -177.990945    -5.612663
-298.313546  -38.573462   -1634.209
 0.75000  -12.693039 -155.488290    -5.612663
-298.313546  -42.372120   -1729.914
 1.00000  -12.693039 -134.740048    -5.612663
-321.301628  -46.233641   -1825.625

  COMB DB-G2-4 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.287048  297.741035     6.583182
371.922730   59.031003  3305.594
 0.25000   14.287048  315.924355     6.583182
349.844652   58.150132  3146.948
 0.50000   14.287048  335.320486     6.583182
325.496811   58.814778  2977.487
 0.75000   14.287048  355.529333     6.583182
301.547792   60.903111  2801.023
 1.00000   14.287048  377.066048     6.583182
301.547792   64.123374  2615.345

  COMB DB-G2-4 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.450967 -202.255621    -7.797864
-370.314859  -55.208752   -1525.637
 0.25000  -13.450967 -180.848707    -7.797864
-370.314859  -54.752929   -1614.716
 0.50000  -13.450967 -161.010154    -7.797864
-370.314859  -55.184421   -1703.800
 0.75000  -13.450967 -142.266894    -7.797864
-370.314859  -57.049706   -1792.904
 1.00000  -13.450967 -124.988495    -7.797864
-389.327302  -59.516268   -1882.100

  COMB DB-G3-1 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    4.812819  34.601683     0.292734
41.255883    9.631046  545.709866
 0.25000    4.812819  34.614307     0.292734
41.214184   12.085141  507.996940
 0.50000    4.812819  34.627711     0.292734
41.178837   14.674297  471.047052
 0.75000    4.812819  34.641625     0.292734
41.145416   17.370548  435.197162
 1.00000    4.812819  34.657230     0.292734
41.114435   20.121269  400.330687
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    747

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G3-1 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -5.311320  -19.318170    -5.228297
-184.479562  -42.875621  -485.863680
 0.25000   -5.311320  -19.302911    -5.228297
-184.501304  -38.515528  -498.055433
 0.50000   -5.311320  -19.288911    -5.228297
-184.530894  -34.908381  -510.282638
 0.75000   -5.311320  -19.275918    -5.228297
-184.564453  -31.947456  -522.644609
 1.00000   -5.311320  -19.263886    -5.228297
-184.603804  -29.643139  -535.006589

  COMB DB-G3-2 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    7.811788  79.283475     3.293320
61.490993   12.936889  1151.047
 0.25000    7.811788  79.296092     3.293320
61.449386   16.049382  1068.199
 0.50000    7.811788  79.309489     3.293320
61.414111   19.504323  988.391418
 0.75000    7.811788  79.323396     3.293320
61.380760   23.317445  912.686685
 1.00000    7.811788  79.338989     3.293320
61.349850   27.117825  840.297593

  COMB DB-G3-2 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.516028  -35.536702    -7.951271
-331.462627  -68.389715  -897.180640
 0.25000  -12.516028  -35.521165    -7.951271
-331.484319  -63.207893  -927.421408
 0.50000  -12.516028  -35.507463    -7.951271
-331.513580  -60.794737  -957.662510
 0.75000  -12.516028  -35.494728    -7.951271
-331.547070  -60.716549  -988.096923
 1.00000  -12.516028  -35.482451    -7.951271
-331.586334  -61.509434  -1018.548

  COMB DB-G3-3 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.616123  148.041129     2.157078
102.665746   18.182489  2003.630
 0.25000    8.616123  148.052486     2.157078
102.628286   21.191494  1854.865
 0.50000    8.616123  148.064544     2.157078
102.596528   24.658636  1717.848
 0.75000    8.616123  148.077062     2.157078
102.566502   28.514514  1595.976
 1.00000    8.616123  148.091097     2.157078
102.538672   32.816292  1489.755

  COMB DB-G3-3 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -10.242261  -49.923953    -7.831964
-420.913116  -59.628638   -1276.473
 0.25000  -10.242261  -49.909968    -7.831964
-420.932646  -54.885484   -1332.788
 0.50000  -10.242261  -49.897634    -7.831964
-420.959030  -51.340820   -1389.104
 0.75000  -10.242261  -49.885946    -7.831964
-420.989182  -49.620955   -1445.588
 1.00000  -10.242261  -49.875121    -7.831964
-421.024532  -48.695617   -1502.090

  COMB DB-G3-4 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.943964  254.905121     4.586279
335.363382   48.641051  2947.458
 0.25000   13.943964  267.731751     4.586279
298.819310   49.909831  2786.594
 0.50000   13.943964  281.381778     4.586279
272.928804   52.805507  2623.522
 0.75000   13.943964  295.576843     4.586279
250.108381   56.956433  2463.307
 1.00000   13.943964  311.107720     4.586279
225.475152   62.026424  2302.984
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    748

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G3-4 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.734567 -158.272381    -9.274379
-398.233367  -59.514705   -1485.893
 0.25000  -12.734567 -142.815320    -9.274379
-398.233367  -56.855642   -1565.287
 0.50000  -12.734567 -128.854003    -9.274379
-414.546854  -55.195986   -1644.688
 0.75000  -12.734567 -115.649289    -9.274379
-433.952923  -55.050577   -1724.228
 1.00000  -12.734567 -103.435325    -9.274379
-463.117685  -55.569912   -1803.784

  COMB DL-G1-1 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.255197  242.079854    11.167466
463.395098   68.159025  2008.320
 0.25000   12.255197  262.044266    11.167466
471.900321   60.163503  1936.090
 0.50000   12.255197  283.370690    11.167466
480.405543   52.841017  1831.156
 0.75000   12.255197  305.578527    11.167466
488.910766   46.718081  1692.820
 1.00000   12.255197  328.205530    11.167466
497.415988   41.984407  1521.926

  COMB DL-G1-1 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -23.191032 -179.955651    -0.637360
-88.718654  -34.986854   -1007.395
 0.25000  -23.191032 -161.262541    -0.637360
-88.718654  -41.134191   -1035.709
 0.50000  -23.191032 -143.129073    -0.637360
-88.718654  -47.608549   -1064.038
 0.75000  -23.191032 -126.057028    -0.637360
-88.718654  -54.579478   -1092.226
 1.00000  -23.191032 -110.488250    -0.637360
-88.718654  -62.230783   -1120.191

  COMB DL-G1-2 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   24.513785  392.957599    13.223711
601.647143  107.059190  3291.072
 0.25000   24.513785  417.248448    13.223711
604.943534  100.438954  3125.773
 0.50000   24.513785  443.179331    13.223711
608.239926   95.816325  2926.992
 0.75000   24.513785  470.233034    13.223711
611.536317   92.481975  2705.471
 1.00000   24.513785  497.849535    13.223711
614.832708   90.557113  2455.358

  COMB DL-G1-2 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -27.043338 -253.579282    -4.409114
-190.521857  -46.389184   -1780.439
 0.25000  -27.043338 -230.522555    -4.409114
-190.521857  -53.291254   -1823.028
 0.50000  -27.043338 -208.229286    -4.409114
-190.521857  -60.016225   -1865.608
 0.75000  -27.043338 -187.278320    -4.409114
-190.521857  -67.318092   -1908.033
 1.00000  -27.043338 -168.186475    -4.409114
-190.521857  -75.388955   -1950.548

  COMB DL-G1-3 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   21.762220  447.483709    12.273068
552.919128   95.945601  3900.838
 0.25000   21.762220  469.790947    12.273068
555.286558   89.220558  3676.735
 0.50000   21.762220  493.609628    12.273068
557.653987   84.316454  3422.815
 0.75000   21.762220  518.463497    12.273068
560.021417   80.896205  3146.651
 1.00000   21.762220  543.835455    12.273068
562.388847   78.963578  2844.630
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    749

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G1-3 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -26.003206 -254.134444    -4.709404
-319.569488  -50.455998   -2357.510
 0.25000  -26.003206 -232.933176    -4.709404
-319.569488  -55.112457   -2398.950
 0.50000  -26.003206 -212.433327    -4.709404
-319.569488  -60.267424   -2440.380
 0.75000  -26.003206 -193.171262    -4.709404
-319.569488  -66.163237   -2481.649
 1.00000  -26.003206 -175.621504    -4.709404
-319.569488  -72.879139   -2523.000

  COMB DL-G1-4 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   21.544358  419.962288    11.926960
488.254827   83.930994  3755.398
 0.25000   21.544358  438.556385    11.926960
490.228188   79.602878  3526.348
 0.50000   21.544358  458.410339    11.926960
492.201548   76.964479  3272.742
 0.75000   21.544358  479.127169    11.926960
494.174909   75.726847  3001.159
 1.00000   21.544358  500.275851    11.926960
496.148269   76.004407  2708.407

  COMB DL-G1-4 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -28.102897 -229.472080    -7.095369
-413.760522  -71.695031   -2488.021
 0.25000  -28.102897 -211.799859    -7.095369
-413.760522  -74.398889   -2516.107
 0.50000  -28.102897 -194.712302    -7.095369
-413.760522  -78.063141   -2544.166
 0.75000  -28.102897 -178.656495    -7.095369
-413.760522  -83.019434   -2572.119
 1.00000  -28.102897 -164.027973    -7.095369
-413.760522  -89.153820   -2600.127

  COMB DL-G2-1 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.089288  145.009058     1.131464
98.660778   31.303611  1313.430
 0.25000   12.089288  145.016339     1.131464
98.641157   34.052330  1202.291
 0.50000   12.089288  145.024184     1.131464
98.622434   37.654655  1095.952
 0.75000   12.089288  145.032433     1.131464
98.605056   41.302239  1006.070
 1.00000   12.089288  145.040934     1.131464
98.589368   44.991414  927.905125

  COMB DL-G2-1 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -2.870991  -45.349173    -3.884426
-143.844884  -11.212568  -874.420644
 0.25000   -2.870991  -45.341729    -3.884426
-143.858507  -11.005466  -886.327715
 0.50000   -2.870991  -45.334622    -3.884426
-143.873672  -10.859907  -898.235851
 0.75000   -2.870991  -45.327994    -3.884426
-143.889962  -10.766450  -910.114643
 1.00000   -2.870991  -45.322006    -3.884426
-143.906938  -10.717799  -921.944006

  COMB DL-G2-2 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.100373  232.963308     2.645280
108.525806   27.553460  2198.834
 0.25000   11.100373  232.970590     2.645280
108.506185   28.899339  2013.246
 0.50000   11.100373  232.978435     2.645280
108.487462   31.391119  1834.572
 0.75000   11.100373  232.986684     2.645280
108.470084   34.262755  1672.148
 1.00000   11.100373  232.995185     2.645280
108.454396   37.578265  1521.562
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    750

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G2-2 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -8.290331  -70.855729    -5.057256
-322.703023  -30.295004   -1648.919
 0.25000   -8.290331  -70.848285    -5.057256
-322.716646  -29.062058   -1660.235
 0.50000   -8.290331  -70.841178    -5.057256
-322.731812  -28.427660   -1671.528
 0.75000   -8.290331  -70.834550    -5.057256
-322.748102  -28.582288   -1682.828
 1.00000   -8.290331  -70.828562    -5.057256
-322.765077  -29.125169   -1694.041

  COMB DL-G2-3 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   18.274787  395.028235     8.686066
450.197462   75.288606  3512.184
 0.25000   18.274787  414.426563     8.686066
415.993759   72.531467  3302.781
 0.50000   18.274787  435.290780     8.686066
380.976617   71.077402  3061.594
 0.75000   18.274787  457.120743     8.686066
348.602055   70.561138  2807.607
 1.00000   18.274787  479.501205     8.686066
341.050698   71.096072  2526.007

  COMB DL-G2-3 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -19.769222 -219.041811    -5.898162
-341.950097  -48.358627   -2282.555
 0.25000  -19.769222 -199.877430    -5.898162
-341.967724  -50.117136   -2313.578
 0.50000  -19.769222 -181.471069    -5.898162
-342.196087  -52.641617   -2344.608
 0.75000  -19.769222 -164.235838    -5.898162
-362.822505  -56.195769   -2375.557
 1.00000  -19.769222 -148.598513    -5.898162
-389.005212  -60.424828   -2406.404

  COMB DL-G2-4 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   19.688594  370.040195     7.878676
412.235681   68.570526  3394.854
 0.25000   19.688594  386.195337     7.878676
383.750460   68.274434  3182.245
 0.50000   19.688594  403.571287     7.878676
354.587798   69.204199  2946.975
 0.75000   19.688594  421.751521     7.878676
327.625905   71.117703  2694.131
 1.00000   19.688594  440.390216     7.878676
321.337051   74.252459  2422.093

  COMB DL-G2-4 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -20.592069 -200.464485    -9.079665
-435.915162  -70.794900   -2462.951
 0.25000  -20.592069 -184.504177    -9.079665
-435.929842  -69.584797   -2445.989
 0.50000  -20.592069 -169.175156    -9.079665
-436.120025  -69.312941   -2462.029
 0.75000  -20.592069 -154.821466    -9.079665
-453.297933  -70.255236   -2477.991
 1.00000  -20.592069 -141.798529    -9.079665
-475.103180  -72.353648   -2493.875

  COMB DL-G3-1 ------------------ MAX

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.959714  57.089262     0.424270
66.261963   13.960545  681.562727
 0.25000    8.959714  57.096540     0.424270
66.242395   17.894645  627.775511
 0.50000    8.959714  57.104380     0.424270
66.223722   22.192275  574.044760
 0.75000    8.959714  57.112624     0.424270
66.206396   26.942818  520.812319
 1.00000    8.959714  57.121119     0.424270
66.190746   32.230336  467.659863
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    751

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G3-1 ------------------ MIN

  REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -6.570796  -27.589193    -7.645129
-230.605286  -48.479860  -604.192444
 0.25000   -6.570796  -27.581756    -7.645129
-230.618856  -43.144236  -786.875042
 0.50000   -6.570796  -27.574654    -7.645129
-230.633966  -38.412185  -769.669241
 0.75000   -6.570796  -27.568030    -7.645129
-230.650197  -34.404491  -752.333115
 1.00000   -6.570796  -27.562046    -7.645129
-230.667112  -31.193496  -735.034596

  COMB DL-G3-2 ------------------ MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 11.883179 126.406556 3.274522
89.761137 18.345843 1386.711
0.25000 11.883179 126.413836 3.274522
89.741546 23.020717 1272.735
0.50000 11.883179 126.421678 3.274522
89.722852 28.333718 1160.002
0.75000 11.883179 126.429924 3.274522
89.705506 34.358621 1049.496
1.00000 11.883179 126.438422 3.274522
89.689837 41.170500 939.752825

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.436051 -50.163564 -10.555518
-404.345068 -81.044729 -1480.330
0.25000 -15.436051 -50.156124 -10.555518
-404.358660 -75.514583 -1461.965
0.50000 -15.436051 -50.149020 -10.555518
-404.373794 -71.585355 -1443.598
0.75000 -15.436051 -50.142394 -10.555518
-404.390050 -69.390353 -1425.208
1.00000 -15.436051 -50.136408 -10.555518
-404.406991 -68.363465 -1407.999

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.909909 219.995224 2.234333
117.995968 24.863791 2276.589
0.25000 13.909909 220.073843 2.234333
117.784385 29.505825 2090.638
0.50000 13.909909 220.158539 2.234333
117.582488 34.813505 1906.489
0.75000 13.909909 220.249794 2.234333
117.395146 40.842867 1727.826
1.00000 13.909909 220.339373 2.234333
117.225929 47.693066 1554.535

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.944608 -72.851377 -10.501959
-489.252278 -73.319379 -2062.998
0.25000 -12.944608 -72.771025 -10.501959
-489.399077 -67.218074 -2051.204
0.50000 -12.944608 -72.694301 -10.501959
-489.562523 -62.226897 -2039.407
0.75000 -12.944608 -72.622742 -10.501959
-489.738087 -58.707612 -2027.580
1.00000 -12.944608 -72.558097 -10.501959
-489.921051 -56.231494 -2015.824

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.709718 328.198331 5.399860
355.517844 60.250129 3094.771
0.25000 21.709718 339.852303 5.399860
328.391779 63.196157 2887.022
0.50000 21.709718 352.387050 5.399860
302.424277 67.438046 2663.869
0.75000 21.709718 365.543935 5.399860
278.292118 72.529856 2431.645
1.00000 21.709718 379.074559 5.399860
256.640105 78.835589 2188.091
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 752
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.571717 -166.729595 -11.377949
-467.096773 -74.885725 -2386.118
0.25000 -17.571717 -155.003907 -11.377949
-477.446068 -70.952502 -2397.702
0.50000 -17.571717 -143.777684 -11.377949
-496.964937 -68.095198 -2409.270
0.75000 -17.571717 -133.288725 -11.377949
-518.064965 -67.626489 -2420.335
1.00000 -17.571717 -123.794991 -11.377949
-539.998830 -66.243341 -2467.952

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.627004 382.482433 9.361267
573.809706 96.103579 3973.033
0.25000 19.627004 408.430214 9.361267
573.809706 90.111408 3808.546
0.50000 19.627004 436.224695 9.361267
573.807521 87.760116 3627.521
0.75000 19.627004 465.282150 9.361267
573.809706 85.781370 3434.827
1.00000 19.627004 494.785431 9.361267
573.809706 85.934169 3227.025

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.470987 -285.158347 -9.274379
-420.913116 -68.389715 -1570.921
0.25000 -15.470987 -253.366359 -9.274379
-420.932646 -63.207893 -1671.092
0.50000 -15.470987 -222.406047 -9.274379
-420.959030 -60.794737 -1771.268
0.75000 -15.470987 -193.247141 -9.274379
-433.952923 -62.162022 -1871.453
1.00000 -15.470987 -166.473319 -9.274379
-463.117685 -66.975712 -1971.657

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.513785 447.483709 13.223711
601.647143 107.059190 3900.838
0.25000 24.513785 469.790947 13.223711
604.943534 100.438954 3676.735
0.50000 24.513785 493.609628 13.223711
608.239926 95.816325 3422.815
0.75000 24.513785 518.463497 13.223711
611.536317 92.481975 3146.651
1.00000 24.513785 543.835455 13.223711
614.832708 90.557113 2844.630

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.102897 -254.134444 -11.377949
-489.252278 -81.044729 -2488.021
0.25000 -28.102897 -232.933176 -11.377949
-489.399077 -75.514583 -2516.107
0.50000 -28.102897 -212.433327 -11.377949
-496.964937 -78.063141 -2544.166
0.75000 -28.102897 -193.171262 -11.377949
-518.064965 -83.019434 -2572.119
1.00000 -28.102897 -175.621504 -11.377949
-539.998830 -89.153820 -2600.127

COMB DAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.513785 447.483709 13.223711
601.647143 107.059190 3973.033
0.25000 24.513785 469.790947 13.223711
604.943534 100.438954 3808.546
0.50000 24.513785 493.609628 13.223711
608.239926 95.816325 3627.521
0.75000 24.513785 518.463497 13.223711
611.536317 92.481975 3434.827
1.00000 24.513785 543.835455 13.223711
614.832708 90.557113 3227.025

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 753
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.102897 -285.158347 -11.377949
-489.252278 -81.044729 -2488.021
0.25000 -28.102897 -253.366359 -11.377949
-489.399077 -75.514583 -2516.107
0.50000 -28.102897 -222.406047 -11.377949
-496.964937 -78.063141 -2544.166
0.75000 -28.102897 -193.247141 -11.377949
-518.064965 -83.019434 -2572.119
1.00000 -28.102897 -175.621504 -11.377949
-539.998830 -89.153820 -2600.127

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.513785 447.483709 13.223711
601.647143 107.059190 3973.033
0.25000 24.513785 469.790947 13.223711
604.943534 100.438954 3808.546
0.50000 24.513785 493.609628 13.223711
608.239926 95.816325 3627.521
0.75000 24.513785 518.463497 13.223711
611.536317 92.481975 3434.827
1.00000 24.513785 543.835455 13.223711
614.832708 90.557113 3227.025

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.102897 -285.158347 -11.377949
-489.252278 -81.044729 -2488.021
0.25000 -28.102897 -253.366359 -11.377949
-489.399077 -75.514583 -2516.107
0.50000 -28.102897 -222.406047 -11.377949
-496.964937 -78.063141 -2544.166
0.75000 -28.102897 -193.247141 -11.377949
-518.064965 -83.019434 -2572.119
1.00000 -28.102897 -175.621504 -11.377949
-539.998830 -89.153820 -2600.127

ELEM 42 ========== LENGTH = 4.988128

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.931130 271.052756 7.492556
520.957924 44.153294 1828.727
0.25000 8.931130 293.793350 7.492556
520.957924 36.889052 1732.025
0.50000 8.931130 318.051951 7.492556
520.957924 30.736275 1606.056
0.75000 8.931130 343.295570 7.492556
520.957924 25.398478 1448.272
1.00000 8.931130 368.060872 7.492556
520.957924 20.888941 1259.236

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.156820 -169.323952 -0.094137
-80.178805 -40.415478 -862.457282
0.25000 -10.156820 -145.016111 -0.094137
-80.178805 -44.014397 -935.483109
0.50000 -10.156820 -120.854153 -0.094137
-80.178805 -47.613904 -1008.740
0.75000 -10.156820 -98.241410 -0.094137
-80.178805 -51.213660 -1082.039
1.00000 -10.156820 -77.587738 -0.094137
-80.178805 -54.813613 -1155.339

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.927328 420.524668 9.761668
633.421729 84.679962 2907.637
0.25000 18.927328 449.066159 9.761668
633.421729 77.457809 2696.910
0.50000 18.927328 479.440757 9.761668
633.421729 71.302310 2467.027
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 754
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 18.927328 511.018239 9.761668
633.421729 66.251413 2220.965
1.00000 18.927328 542.806662 9.761668
633.421729 62.350487 1955.807

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.374695 -226.253399 -0.717413
-180.036174 -51.900899 -1497.362
0.25000 -12.374695 -194.996123 -0.717413
-180.036174 -56.606114 -1611.525
0.50000 -12.374695 -164.687262 -0.717413
-180.036174 -61.315618 -1725.969
0.75000 -12.374695 -136.265545 -0.717413
-180.036174 -66.030461 -1840.450
1.00000 -12.374695 -110.214353 -0.717413
-180.036174 -70.746341 -1954.935

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.595047 455.545710 8.796981
550.772692 73.639139 3226.295
0.25000 15.595047 481.752809 8.796981
550.772692 67.234023 2958.696
0.50000 15.595047 509.639929 8.796981
550.772692 61.753911 2674.839
0.75000 15.595047 538.625579 8.796981
550.772692 57.482154 2380.451
1.00000 15.595047 567.874780 8.796981
550.772692 54.520154 2076.271

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.302420 -222.963834 -1.674325
-320.237317 -48.289865 -1908.203
0.25000 -12.302420 -194.204095 -1.674325
-320.237317 -52.296647 -2033.032
0.50000 -12.302420 -166.373820 -1.674325
-320.237317 -56.306772 -2158.117
0.75000 -12.302420 -140.271601 -1.674325
-320.237317 -60.323268 -2283.266
1.00000 -12.302420 -116.341343 -1.674325
-320.237317 -64.340512 -2408.468

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.717662 415.663443 7.680068
484.836112 68.366403 2998.610
0.25000 15.717662 437.502692 7.680068
484.836112 63.998125 2734.910
0.50000 15.717662 460.741959 7.680068
484.836112 60.614006 2459.384
0.75000 15.717662 484.899167 7.680068
484.836112 58.313463 2177.449
1.00000 15.717662 509.271001 7.680068
484.836112 57.174989 1889.061

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.011024 -198.462333 -4.327568
-420.595603 -66.493760 -1971.549
0.25000 -15.011024 -174.495884 -4.327568
-420.595603 -68.751538 -2079.467
0.50000 -15.011024 -151.303989 -4.327568
-420.595603 -71.424529 -2187.599
0.75000 -15.011024 -129.552139 -4.327568
-420.595603 -74.345303 -2295.926
1.00000 -15.011024 -109.610257 -4.327568
-420.595603 -77.498244 -2404.368

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.160387 134.995743 1.280777
75.434455 34.873904 1028.147
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 755
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 10.160387 135.008344 1.280777
75.391837 35.507446 1885.462717
0.50000 10.160387 135.021671 1.280777
75.355400 36.141532 771.186022
0.75000 10.160387 135.035462 1.280777
75.320669 36.775953 682.386077
1.00000 10.160387 135.050861 1.280777
75.288021 37.411608 617.739275

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.850308 -24.822108 -0.728860
-149.784017 -8.639595 -707.953653
0.25000 -1.850308 -24.806871 -0.728860
-149.804130 -9.270498 -747.682194
0.50000 -1.850308 -24.793477 -0.728860
-149.830719 -9.905377 -787.412198
0.75000 -1.850308 -24.780808 -0.728860
-149.865215 -10.547197 -827.142346
1.00000 -1.850308 -24.769089 -0.728860
-149.905389 -11.191880 -866.873128

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.674189 204.287142 1.566138
66.169332 31.311403 1580.765
0.25000 8.674189 204.300343 1.566138
66.126698 32.170293 1367.722
0.50000 8.674189 204.313672 1.566138
66.090249 33.246026 1177.683
0.75000 8.674189 204.327464 1.566138
66.055507 34.522159 1020.440
1.00000 8.674189 204.342864 1.566138
66.022847 36.399404 895.902941

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.669749 -42.478087 -2.996329
-340.005698 -23.486507 -1276.697
0.25000 -6.669749 -42.462848 -2.996329
-340.025881 -24.192469 -1333.256
0.50000 -6.669749 -42.449452 -2.996329
-340.052531 -24.970395 -1389.815
0.75000 -6.669749 -42.436782 -2.996329
-340.087038 -25.754144 -1446.400
1.00000 -6.669749 -42.425062 -2.996329
-340.127227 -26.538744 -1503.116

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.106790 390.663921 6.306755
403.530861 63.897192 2808.606
0.25000 13.106790 412.596115 6.306755
375.520502 60.627933 2561.001
0.50000 13.106790 435.867490 6.306755
344.329798 58.264372 2300.626
0.75000 13.106790 460.005623 6.306755
327.596602 57.111492 2033.139
1.00000 13.106790 485.591459 6.306755
327.596602 56.991626 1758.577

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.968654 -189.776147 -2.803958
-352.272557 -45.645288 -1825.497
0.25000 -11.968654 -164.536871 -2.803958
-352.272557 -48.640098 -1930.370
0.50000 -11.968654 -141.235569 -2.803958
-352.272557 -51.701865 -2035.442
0.75000 -11.968654 -119.292177 -2.803958
-352.272557 -54.767327 -2140.525
1.00000 -11.968654 -99.078257 -2.803958
-352.898897 -57.833429 -2245.737
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 756
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.769821 355.163417 5.303574
370.833376 62.978782 2616.048
0.25000 13.769821 373.429862 5.303574
347.518727 61.841112 2376.073
0.50000 13.769821 392.811729 5.303574
321.555912 61.444797 2126.539
0.75000 13.769821 413.915544 5.303574
307.726902 62.046120 1872.602
1.00000 13.769821 434.223768 5.303574
307.726902 63.488192 1614.436

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.670544 -170.482348 -5.628084
-445.853189 -59.150799 -1882.095
0.25000 -12.670544 -149.462825 -5.628084
-445.853189 -58.930950 -1969.440
0.50000 -12.670544 -130.056116 -5.628084
-445.853189 -59.208144 -2057.020
0.75000 -12.670544 -111.780451 -5.628084
-445.853189 -59.949133 -2144.811
1.00000 -12.670544 -94.945289 -5.628084
-446.226129 -61.056559 -2232.798

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.677797 41.302312 0.119232
61.383675 20.292309 401.218793
0.25000 4.677797 41.314919 0.119232
61.340965 22.809354 355.077293
0.50000 4.677797 41.326253 0.119232
61.304456 25.351770 310.342463
0.75000 4.677797 41.342050 0.119232
61.269655 27.918406 267.378970
1.00000 4.677797 41.357460 0.119232
61.236936 30.500037 226.631875

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.063468 -18.779977 -5.390417
-230.659513 -29.804065 -535.185684
0.25000 -5.063468 -18.764728 -5.390417
-230.680050 -24.994450 -532.252480
0.50000 -5.063468 -18.751327 -5.390417
-230.707000 -20.723678 -529.684467
0.75000 -5.063468 -18.738651 -5.390417
-230.741564 -16.950188 -527.162325
1.00000 -5.063468 -18.726926 -5.390417
-230.781826 -13.729892 -524.927928

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.588758 95.702511 0.831350
82.868981 27.303033 841.826635
0.25000 7.588758 95.711111 0.831350
82.846363 30.721110 735.872682
0.50000 7.588758 95.728439 0.831350
82.809926 34.261546 635.041897
0.75000 7.588758 95.742230 0.831350
82.775195 37.937935 540.154532
1.00000 7.588758 95.757628 0.831350
82.742547 41.804155 451.345998

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.270818 -34.465305 -8.384328
-409.572652 -61.792719 -1018.785
0.25000 -12.270818 -34.450068 -8.384328
-409.592764 -57.297619 -1026.394
0.50000 -12.270818 -34.436673 -8.384328
-409.619353 -53.490944 -1034.375
0.75000 -12.270818 -34.424004 -8.384328
-409.653849 -50.316489 -1042.513
1.00000 -12.270818 -34.412285 -8.384328
-409.694024 -47.808708 -1050.983
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 757
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.405257 179.731739 0.757068
74.915628 32.216473 1491.491
0.25000 8.405257 179.743080 0.757068
74.877258 35.318497 1299.332
0.50000 8.405257 179.755076 0.757068
74.844454 38.641280 1117.949
0.75000 8.405257 179.767489 0.757068
74.813186 42.244486 955.508202
1.00000 8.405257 179.781349 0.757068
74.783792 46.200732 812.366669

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.897701 -48.766106 -7.840279
-506.703643 -48.651395 -1502.291
0.25000 -9.897701 -48.752390 -7.840279
-506.721808 -44.154811 -1537.852
0.50000 -9.897701 -48.740335 -7.840279
-506.745792 -40.277062 -1573.748
0.75000 -9.897701 -48.728932 -7.840279
-506.776849 -36.983331 -1609.776
1.00000 -9.897701 -48.718384 -7.840279
-506.813019 -34.295419 -1646.128

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.795468 304.327562 3.713832
315.802922 61.181932 2304.170
0.25000 13.795468 317.174013 3.713832
281.528264 62.369010 2073.659
0.50000 13.795468 330.782798 3.713832
258.749749 64.333057 1842.079
0.75000 13.795468 344.881352 3.713832
234.648187 66.826463 1615.859
1.00000 13.795468 360.232086 3.713832
217.599189 69.954381 1394.557

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.063872 -135.196290 -6.925344
-476.972199 -55.308135 -1803.868
0.25000 -12.063872 -120.028710 -6.925344
-476.972199 -52.995674 -1873.954
0.50000 -12.063872 -106.376677 -6.925344
-483.007387 -51.197917 -1944.412
0.75000 -12.063872 -93.491291 -6.925344
-503.181425 -49.892162 -2014.989
1.00000 -12.063872 -81.587518 -6.925344
-527.834526 -49.100545 -2085.835

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.421363 306.746675 10.556515
594.203324 41.975471 1520.085
0.25000 11.421363 328.224526 10.556515
602.709373 34.739095 1372.797
0.50000 11.421363 350.973901 10.556515
611.215422 28.251510 1242.679
0.75000 11.421363 374.553186 10.556515
619.721470 23.075940 1111.975
1.00000 11.421363 398.507231 10.556515
628.227519 19.356409 976.182863

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.497535 -146.447731 -0.146421
-153.289165 -62.693034 -1119.793
0.25000 -22.497535 -129.363232 -0.146421
-153.289165 -69.988248 -1180.636
0.50000 -22.497535 -112.906450 -0.146421
-153.289165 -75.833177 -1308.521
0.75000 -22.497535 -97.563404 -0.146421
-153.289165 -83.387529 -1477.186
1.00000 -22.497535 -83.694506 -0.146421
-153.289165 -91.721364 -1677.774
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 758
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.388105 492.180766 13.602850
729.519127 90.113913 2453.396
0.25000 23.388105 518.144178 13.602850
732.815839 81.615684 2168.833
0.50000 23.388105 545.686548 13.602850
736.112550 74.157349 1922.391
0.75000 23.388105 574.284249 13.602850
739.409262 68.166058 1716.158
1.00000 23.388105 603.403848 13.602850
742.705973 63.789880 1527.076

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-25.771537	-206.161757	-0.882550
-281.105492	-75.553311	-1949.881	
0.25000	-25.771537	-184.982477	-0.882550
-281.105492	-83.094461	-2030.666	
0.50000	-25.771537	-164.638378	-0.882550
-281.105492	-91.295456	-2210.841	
0.75000	-25.771537	-145.688814	-0.882550
-281.105492	-100.353137	-2469.863	
1.00000	-25.771537	-128.555978	-0.882550
-281.105492	-110.403252	-2782.677	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.600913	555.792410	12.278976
645.799334	77.955624	2843.505	
0.25000	20.600913	579.624963	12.278976
648.166993	70.702547	2483.678	
0.50000	20.600913	604.912176	12.278976
650.534653	64.633386	2161.411	
0.75000	20.600913	631.173241	12.278976
652.902313	60.063947	1904.626	
1.00000	20.600913	657.919549	12.278976
655.269973	57.097436	1677.006	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.624201	-211.050497	-2.241152
-432.099804	-72.847084	-2522.514	
0.25000	-24.624201	-191.559922	-2.241152
-432.099804	-78.747773	-2592.393	
0.50000	-24.624201	-172.841779	-2.241152
-432.099804	-85.410392	-2755.055	
0.75000	-24.624201	-155.409606	-2.241152
-432.099804	-92.928950	-3028.211	
1.00000	-24.624201	-139.648508	-2.241152
-432.099804	-101.516988	-3369.049	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.489927	513.324031	10.550356
586.706420	75.395207	2708.160	
0.25000	20.489927	533.189547	10.550356
588.679972	71.261180	2355.556	
0.50000	20.489927	554.267590	10.550356
590.653525	68.302072	2034.962	
0.75000	20.489927	576.157382	10.550356
592.627077	66.806676	1782.928	
1.00000	20.489927	598.451647	10.550356
594.600629	66.889048	1563.969	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.852796	-193.911487	-5.661446
-548.749847	-89.520648	-2599.886	
0.25000	-26.852796	-177.665207	-5.661446
-548.749847	-92.390550	-2642.016	
0.50000	-26.852796	-162.062783	-5.661446
-548.749847	-96.186031	-2762.242	
0.75000	-26.852796	-147.532274	-5.661446
-548.749847	-101.023310	-2990.746	
1.00000	-26.852796	-134.394682	-5.661446
-548.749847	-106.991416	-3285.676	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
759

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.877614	178.365524	1.759212
67.268914	44.391142	928.142356	
0.25000	11.877614	178.373123	1.759212
67.249061	44.134187	873.746171	
0.50000	11.877614	178.381268	1.759212
67.230097	43.912300	639.765203	
0.75000	11.877614	178.389808	1.759212
67.212416	43.831243	556.597299	
1.00000	11.877614	178.398593	1.759212
67.196371	43.948124	504.686020	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.411168	-37.107002	-0.861122
-167.171529	-10.232680	-921.840228	
0.25000	-2.411168	-37.100647	-0.861122
-167.185160	-10.737718	-935.574641	
0.50000	-2.411168	-37.093345	-0.861122
-167.200383	-11.283733	-971.871928	
0.75000	-2.411168	-37.087173	-0.861122
-167.216813	-11.972407	-1054.418	
1.00000	-2.411168	-37.081617	-0.861122
-167.234050	-12.857546	-1160.416	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.754497	280.460642	1.925124
70.301811	36.544880	1522.633	
0.25000	10.754497	280.468241	1.925124
70.281958	37.275523	1268.567	
0.50000	10.754497	280.476386	1.925124
70.262994	38.355264	1038.392	
0.75000	10.754497	280.484926	1.925124
70.245313	39.317647	888.561363	
1.00000	10.754497	280.493711	1.925124
70.229268	41.667416	782.496973	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.691952	-62.421177	-3.601044
-388.635438	-28.724451	-1694.011	
0.25000	-7.691952	-62.414181	-3.601044
-388.649069	-28.020299	-1698.087	
0.50000	-7.691952	-62.407520	-3.601044
-388.664292	-27.562959	-1725.028	
0.75000	-7.691952	-62.401349	-3.601044
-388.680722	-27.361879	-1834.515	
1.00000	-7.691952	-62.395793	-3.601044
-388.697959	-27.425359	-1984.643	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.494587	484.301963	8.501048
485.646634	70.045189	2525.880	
0.25000	17.494587	504.825501	8.501048
450.974662	66.263787	2197.591	
0.50000	17.494587	526.702422	8.501048
415.278972	63.285230	1895.230	
0.75000	17.494587	549.519491	8.501048
390.449260	61.166631	1656.148	
1.00000	17.494587	572.890803	8.501048
382.009148	60.294675	1444.246	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.532707	-187.045756	-3.453905
-445.183398	-60.267875	-2406.105	
0.25000	-18.532707	-169.222220	-3.453905
-445.187010	-63.459399	-2517.023	
0.50000	-18.532707	-152.184912	-3.453905
-445.221955	-67.097116	-2629.170	
0.75000	-18.532707	-136.351103	-3.453905
-450.517928	-71.282178	-2921.806	
1.00000	-18.532707	-122.068916	-3.453905
-476.546149	-76.212382	-3196.957	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
760

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.917965	445.553951	7.188341
470.749015	73.689836	2422.599	
0.25000	18.917965	462.646180	7.188341
441.873815	73.110782	2103.084	
0.50000	18.917965	480.865521	7.188341
412.146051	73.497729	1805.558	
0.75000	18.917965	499.867828	7.188341
391.467593	74.948386	1572.400	
1.00000	18.917965	519.331749	7.188341
384.438574	77.679800	1371.479	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.353592	-175.067836	-7.485440
-563.524311	-72.689505	-2493.857	
0.25000	-19.353592	-160.224200	-7.485440
-563.527319	-72.192906	-2565.148	
0.50000	-19.353592	-146.035341	-7.485440
-563.556422	-72.561554	-2638.152	
0.75000	-19.353592	-132.848171	-7.485440
-567.966967	-73.921461	-2874.685	
1.00000	-19.353592	-120.954407	-7.485440
-589.643556	-76.308249	-3109.021	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.760819	58.352174	0.145324
116.677459	32.642071	468.734748	
0.25000	8.760819	58.359770	0.145324
116.657666	37.118732	404.283127	
0.50000	8.760819	58.367911	0.145324
116.638741	42.047232	340.433584	
0.75000	8.760819	58.376446	0.145324
116.621105	47.501062	292.988917	
1.00000	8.760819	58.385226	0.145324
116.605102	53.502111	261.551692	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.265176	-31.171927	-7.763956
-292.248982	-31.833116	-735.438563	
0.25000	-6.265176	-31.164937	-7.763956
-292.262558	-26.562803	-699.681429	
0.50000	-6.265176	-31.158282	-7.763956
-292.277723	-21.947199	-665.023951	
0.75000	-6.265176	-31.152116	-7.763956
-292.294093	-18.090441	-648.317166	
1.00000	-6.265176	-31.146564	-7.763956
-292.311267	-15.038261	-651.898365	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.600262	135.769464	0.776016
155.176609	41.695254	941.617945	
0.25000	11.600262	135.774062	0.776016
155.156786	47.560152	799.575064	
0.50000	11.600262	135.785203	0.776016
155.137849	54.110416	659.983548	
0.75000	11.600262	135.793740	0.776016
155.120194	61.468909	559.491615	
1.00000	11.600262	135.802522	0.776016
155.104173	69.660706	486.486891	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.008000	-53.291382	-11.442860
-513.404611	-69.344468	-1408.520	
0.25000	-15.008000	-53.284390	-11.442860
-513.418211	-62.585281	-1361.711	
0.50000	-15.008000	-53.277732	-11.442860
-513.433401	-56.725558	-1317.465	
0.75000	-15.008000	-53.271563	-11.442860
-513.449796	-51.858436	-1315.293	
1.00000	-15.008000	-53.266016	-11.442860
-513.466998	-48.090431	-1344.374	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
761

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.500300	253.129547	0.868892
138.912537	47.276498	1556.632	
0.25000	13.500300	253.211592	0.868892
138.698444	52.760378	1310.874	
0.50000	13.500300	253.299533	0.868892
138.493922	58.848100	1077.561	
0.75000	13.500300	253.391735	0.868892
138.303245	65.630535	913.217267	
1.00000	13.500300	253.486582	0.868892
138.130221	73.262198	793.605577	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.278496	-73.238831	-10.690982
-606.195206	-56.611509	-2016.247	
0.25000	-12.278496	-73.163314	-10.690982
-606.342083	-50.452700	-1977.501	
0.50000	-12.278496	-73.091410	-10.690982
-606.506136	-45.048614	-1950.572	
0.75000	-12.278496	-73.024789	-10.690982
-606.683206	-40.503214	-2004.855	
1.00000	-12.278496	-72.964814	-10.690982
-606.868978	-36.913904	-2108.687	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.079322	390.030416	4.932064
397.567637	78.327384	2189.312	
0.25000	21.079322	402.258601	4.932064
369.847945	80.544684	1888.807	
0.50000	21.079322	415.338945	4.932064
343.257771	83.497333	1607.479	
0.75000	21.079322	429.024944	4.932064
318.452718	87.571032	1394.332	
1.00000	21.079322	443.067243	4.932064
296.047875	92.741311	1219.725	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.502989	-149.892089	-9.365990
-591.003400	-66.559129	-2468.129	
0.25000	-16.502989	-138.925133	-9.365990
-595.100678	-63.514413	-2471.496	
0.50000	-16.502989	-128.458689	-9.365990
-614.513085	-61.271578	-2512.712	
0.75000	-16.502989	-118.748694	-9.365990
-635.622835	-59.978605	-2655.853	
1.00000	-16.502989	-110.002238	-9.365990
-657.757138	-59.747214	-2867.649	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.927328	455.545710	9.761668
633.421729	84.679962	3226.295	
0.25000	18.927328	481.752809	9.761668
633.421729	77.457809	2958.696	
0.50000	18.927328	509.639929	9.761668
633.421729	71.302310	2674.839	
0.75000	18.927328	538.628579	9.761668
633.421729	66.826463	2380.451	
1.00000	18.927328	567.874780	9.761668
633.421729	69.954381	2076.271	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.011024	-226.253399	-8.384328
-506.703643	-66.493760	-1971.549	
0.25000	-15.011024	-194.996123	-8.384328
-506.721808	-68.751530	-2079.467	
0.50000	-15.011024	-166.373820	-8.384328
-506.745792	-71.424529	-2187.599	
0.75000	-15.011024	-140.271601	-8.384328
-506.776849	-74.345303	-2295.926	
1.00000	-15.011024	-116.341343	-8.384328
-527.834526	-77.498244	-2408.468	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
762

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.388105	555.792410	13.602850
729.519127	90.113913	2843.505	
0.25000	23.388105	579.624963	13.602850
732.815839	81.615684	2483.678	
0.50000	23.388105	604.912176	13.602850
736.112550	83.497333	2161.411	
0.75000	23.388105	631.173241	13.602850
739.409262	87.571032	1904.626	
1.00000	23.388105	657.919549	13.602850
742.705973	92.741311	1677.006	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.852796	-211.050497	-11.442860
-606.195206	-89.520648	-2599.886	
0.25000	-26.852796	-191.559922	-11.442860
-606.342083	-92.390550	-2642.016	
0.50000	-26.852796	-172.841779	-11.442860
-614.513085	-96.186031	-2762.242	
0.75000	-26.852796	-155.409606	-11.442860
-635.622835	-101.023310	-3028.211	
1.00000	-26.852796	-139.648508	-11.442860
-657.757138	-110.403252	-3369.049	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.388105	555.792410	13.602850
729.519127	90.113913	3226.295	
0.25000	23.388105	579.624963	13.602850
732.815839	81.615684	2958.696	
0.50000	23.388105	604.912176	13.602850
736.112550	83.497333	2674.839	
0.75000	23.388105	631.173241	13.602850
739.409262	87.571032	2380.451	
1.00000	23.388105	657.919549	13.602850
742.705973	92.741311	2076.271	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.852796	-226.253399	-11.442860
-606.195206	-89.520648	-2599.886	
0.25000	-26.852796	-194.996123	-11.442860
-606.342083	-92.390550	-2642.016	
0.50000	-26.852796	-172.841779	-11.442860
-614.513085	-96.186031	-2762.242	
0.75000	-26.852796	-155.409606	-11.442860
-635.622835	-101.023310	-3028.211	
1.00000	-26.852796	-139.648508	-11.442860
-657.757138	-110.403252	-3369.049	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.388105	555.792410	13.602850
729.519127	90.113913	3226.295	
0.25000	23.388105	579.624963	13.602850
732.815839	81.615684	2958.696	
0.50000	23.388105	604.912176	13.602850
736.112550	83.497333	2674.839	
0.75000	23.388105	631.173241	13.602850
739.409262	87.571032	2380.451	
1.00000	23.388105	657.919549	13.602850
742.705973	92.741311	2076.271	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.852796	-226.253399	-11.442860
-606.195206	-89.520648	-2599.886	
0.25000	-26.852796	-194.996123	-11.442860
-606.342083	-92.390550	-2642.016	
0.50000	-26.852796	-172.841779	-11.442860
-614.513085	-96.186031	-2762.242	
0.75000	-26.852796	-155.409606	-11.442860
-635.622835	-101.023310	-3028.211	
1.00000	-26.852796	-139.648508	-11.442860
-657.757138	-110.403252	-3369.049	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
763

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 43 ========== LENGTH = 4.987936

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.303274	332.938457	2.862671
541.500265	19.869356	1257.531	
0.25000	8.303274	356.410588	2.862671
541.500265	17.757997	1078.357	
0.50000	8.303274	381.274609	2.862671
541.500265	16.544395	869.890239	
0.75000	8.303274	406.997466	2.862671
541.500265	16.620194	630.388986	
1.00000	8.303274	432.096332	2.862671
541.500265	18.234907	390.348033	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.317332	-105.756871	-5.074679
-186.891359	-54.313927	-1154.743	
0.25000	-10.317332	-83.290952	-5.074679
-186.891359	-51.250343	-1263.721	
0.50000	-10.317332	-60.955863	-5.074679
-186.891359	-48.260309	-1372.997	
0.75000	-10.317332	-40.158620	-5.074679
-186.891359	-45.349929	-1482.482	
1.00000	-10.317332	-26.711196	-5.074679
-186.891359	-42.676626	-1592.288	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.237851	505.833839	16.309300
622.679356	61.337016	1954.238	
0.25000	18.237851	535.173947	16.309300
622.679356	42.536474	1632.570	
0.50000	18.237851	566.178949	16.309300
622.679356	24.875609	1293.693	
0.75000	18.237851	598.218078	16.309300
622.679356	16.800635	941.228492	
1.00000	18.237851	630.300413	16.309300
622.679356	14.316636	623.150461	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.329666	-149.324049	-2.412467
-321.904774	-69.843222	-1954.174	
0.25000	-12.329666	-120.208346	-2.412467
-321.904774	-68.966370	-2110.965	
0.50000	-12.329666	-92.026391	-2.412467
-321.904774	-69.719604	-2268.177	
0.75000	-12.329666	-65.726022	-2.412467
-321.904774	-69.588733	-2425.415	
1.00000	-12.329666	-47.290059	-2.412467
-321.904774	-77.874525	-2583.211	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.866939	538.490252	11.945567
588.418889	52.659258	2075.507	
0.25000	14.866939	565.421802	11.945567
588.418889	39.105121	1705.049	
0.50000	14.866939	593.878178	11.945567
588.418889	26.379281	1325.850	
0.75000	14.866939	623.280257	11.945567
588.418889	18.769742	942.383483	
1.00000	14.866939	652.785219	11.945567
588.418889	14.074331	685.338745	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.275789	-153.722427	-2.194177
-459.282050	-63.172445	-2407.861	
0.25000	-12.275789	-126.903324	-2.194177
-459.282050	-63.187013	-2561.975	
0.50000	-12.275789	-101.013183	-2.194177
-459.282050	-63.619519	-2716.471	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
764

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-12.275789	-76.847257	-2.194177
-459.282050	-64.698286	-2871.106	
1.00000	-12.275789	-59.801846	-2.194177
-459.282050	-69.882506	-3026.655	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.043161	484.741107	10.424738
554.435802	55.779119	1889.158	
0.25000	15.043161	507.184859	10.424738
554.435802	45.034556	1543.620	
0.50000	15.043161	530.897712	10.424738
554.435802	35.356504	1192.979	
0.75000	15.043161	555.399444	10.424738
554.435802	31.394847	855.233060	
1.00000	15.043161	579.986912	10.424738
554.435802	31.992991	655.703794	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.043336	-141.490861	-8.849307
-544.662842	-76.735177	-2404.083	
0.25000	-15.043336	-119.141609	-8.849307
-544.662842	-68.094324	-2523.055	
0.50000	-15.043336	-97.566491	-8.849307
-544.662842	-60.058141	-2642.630	
0.75000	-15.043336	-77.428219	-8.849307
-544.662842	-51.181179	-2762.646	
1.00000	-15.043336	-63.223712	-8.849307
-544.662842	-58.674044	-2883.717	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.193447	153.317155	13.012328
50.817655	37.504825	618.163670	
0.25000	10.193447	153.329888	13.012328
50.772849	21.583759	458.964222	
0.50000	10.193447	153.343257	13.012328
50.733505	6.302293	325.764269	
0.75000	10.193447	153.356995	13.012328
50.702020	1.447060	224.863266	
1.00000	10.193447	153.372290	13.012328
50.685192	1.505863	206.381129	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.598397	-21.431981	-0.177526
-180.217818	-10.767222	-866.796019	
0.25000	-1.598397	-21.417048	-0.177526
-180.224578	-12.856948	-906.578175	
0.50000	-1.598397	-21.404278	-0.177526
-180.256830	-15.643798	-946.362823	
0.75000	-1.598397	-21.392260	-0.177526
-180.293399	-19.531043	-986.282079	
1.00000	-1.598397	-21.381379	-0.177526
-180.335745	-29.523868	-1026.223	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.572786	225.490158	9.113346
99.210917	35.417880	897.134001	
0.25000	8.572786	225.502893	9.113346
99.166096	24.731616	666.780995	
0.50000	8.572786	225.516262	9.113346
99.126741	14.758904	467.203416	
0.75000	8.572786	225.530001	9.113346
99.095174	11.684992	318.015125	
1.00000	8.572786	225.545298	9.113346
99.078306	13.758355	334.100954	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.455682	-38.922887	-5.418818
-379.121249	-25.979275	-1503.200	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
765

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-6.455682	-38.907951	-5.418818
-379.128092	-22.196670	-1546.039	
0.50000	-6.455682	-38.895180	-5.418818
-379.160410	-19.226659	-1589.096	
0.75000	-6.455682	-38.883160	-5.418818

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-379.196990  -18.740705  -1632.383
 1.00000   -6.455682  -38.872279   -5.418818
-379.239351  -27.039095  -1676.183

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.554998  452.179588   13.687283
434.551722   55.588430  1758.940
 0.25000   12.554998  474.539588   13.687283
401.940787   39.882739  1439.324
 0.50000   12.554998  498.094197   13.687283
376.657934   24.799582  1114.100
 0.75000   12.554998  522.369063   13.687283
376.657934   15.122848  798.623673
 1.00000   12.554998  547.982640   13.687283
376.657934   13.079025  609.372039

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.259826 -142.309301   -5.616373
-453.022657   -56.887523  -2245.423
 0.25000  -11.259826 -118.170238   -5.616373
-453.022657   -53.522997  -2360.321
 0.50000  -11.259826  -96.236517   -5.616373
-453.022657   -50.952954  -2475.800
 0.75000  -11.259826  -75.683205   -5.616373
-453.022657   -50.668075  -2591.474
 1.00000  -11.259826  -59.056408   -5.616373
-453.022657   -57.584479  -2707.599

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.234009  406.060609   11.971203
437.072244   62.632802  1615.462
 0.25000   13.234009  424.683548   11.971203
409.926733   49.925687  1318.563
 0.50000   13.234009  444.301518   11.971203
388.983456   37.939519  1019.337
 0.75000   13.234009  464.519437   11.971203
388.983456   30.395085  729.994766
 1.00000   13.234009  485.850969   11.971203
388.983456   29.003386  587.088138

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.902837 -133.159078   -8.111468
-538.623475   -60.452434  -2232.807
 0.25000  -11.902837 -113.056442   -8.111468
-538.623475   -53.589477  -2314.765
 0.50000  -11.902837  -94.789013   -8.111468
-538.623475   -47.399594  -2397.571
 0.75000  -11.902837  -77.671307   -8.111468
-538.623475   -43.214892  -2480.903
 1.00000  -11.902837  -63.826086   -8.111468
-538.623475   -48.284123  -2564.826

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.552596   40.681943    1.350559
122.879848   30.913089  227.709862
 0.25000    4.552596   40.694683    1.350559
122.834953   30.157983  185.739080
 0.50000    4.552596   40.708057    1.350559
122.795540   29.433458  146.849022
 0.75000    4.552596   40.721801    1.350559
122.763568   28.855304  112.055001
 1.00000    4.552596   40.737107    1.350559
122.746495   28.586163  117.176751
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                766

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.816735  -24.004064   -4.109325
-244.733717  -13.986117  -525.376557
 0.25000   -4.816735  -23.989117   -4.109325
-244.740975   -9.961968  -501.585779
 0.50000   -4.816735  -23.976340   -4.109325
-244.773622   -6.570151  -478.414049
 0.75000   -4.816735  -23.964314   -4.109325
-244.810259   -4.455693  -455.169537
 1.00000   -4.816735  -23.953427   -4.109325
-244.852692   -3.447766  -433.434871

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.384286   96.476949    1.876334
184.382873   42.122452  453.238410
 0.25000    7.384286   96.489683    1.876334
184.338067   41.494259  353.926887
 0.50000    7.384286   96.503052    1.876334
184.298723   41.214245  264.830968
 0.75000    7.384286   96.516790    1.876334
184.267238   44.035458  202.465021
 1.00000    7.384286   96.532085    1.876334
184.250410   52.933569  227.758591

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.041813  -39.305869  -14.420667
-433.030204   -48.300208   -1051.625
 0.25000  -12.041813  -39.290936  -14.420667
-433.036964   -31.635538   -1024.285
 0.50000  -12.041813  -39.278166  -14.420667
-433.069217   -16.078919   -998.042673
 0.75000  -12.041813  -39.266148  -14.420667
-433.105785   -4.790433   -972.484091
 1.00000  -12.041813  -39.255267  -14.420667
-433.148131   -2.635064   -947.477256

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.170325  191.205317    3.632079
188.012384   45.675057  814.558146
 0.25000    8.170325  191.216778    3.632079
187.972045   42.128473  718.208419
 0.50000    8.170325  191.228811    3.632079
187.936625   40.024684  443.401937
 0.75000    8.170325  191.241176    3.632079
187.908215   39.130410  303.534993
 1.00000    8.170325  191.254943    3.632079
187.893034   40.519639  345.064589

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.562641  -53.138459   -9.149472
-545.672637   -34.178548   -1646.706
 0.25000   -9.562641  -53.125017   -9.149472
-545.678796   -25.616043   -1646.540
 0.50000   -9.562641  -53.113523   -9.149472
-545.707882   -17.907663   -1647.247
 0.75000   -9.562641  -53.102705   -9.149472
-545.740804   -12.634443   -1648.603
 1.00000   -9.562641  -53.092912   -9.149472
-545.778929   -12.479135   -1650.767

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.625802  341.752395   13.547486
376.041244   69.507233  1396.156
 0.25000   13.625802  354.790774   13.547486
351.942272   55.129623  1127.024
 0.50000   13.625802  368.501990   13.547486
326.569670   41.800754  864.378736
 0.75000   13.625802  382.611932   13.547486
303.938631   33.914808  621.862503
 1.00000   13.625802  397.916801   13.547486
303.938631   34.728323  528.641712
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                767

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.405822  -113.939314   -7.879833
-550.120496   -48.643174   -2086.079
 0.25000  -11.405822   -99.245240   -7.879833
-550.120496   -42.767111   -2138.796
 0.50000  -11.405822   -86.310184   -7.879833
-550.120496   -37.952555   -2192.453
 0.75000  -11.405822   -74.161089   -7.879833
-568.627173   -35.760588   -2246.682
 1.00000  -11.405822   -63.648524   -7.879833
-593.469057   -41.014639   -2301.595

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.598661  409.744863    3.133882
653.713787   19.945686  975.036962
 0.25000   10.598661  433.680316    3.133882
662.219508   17.537929  864.807273
 0.50000   10.598661  458.863005    3.133882
670.725230   15.479903  752.112378
 0.75000   10.598661  484.849593    3.133882
679.230952   14.742868  639.981227
 1.00000   10.598661  511.169582    3.133882
687.736674   15.249972  534.675856

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -21.828389 -104.636265   -7.151742
-292.284577   -92.782452   -1676.704
 0.25000  -21.828389  -89.770720   -7.151742
-292.284577   -86.107252   -1969.148
 0.50000  -21.828389  -75.576748   -7.151742
-292.284577   -79.798413   -2295.183
 0.75000  -21.828389  -62.534758   -7.151742
-292.284577   -74.093377   -2660.671
 1.00000  -21.828389  -50.996270   -7.151742
-292.284577   -68.989494   -3070.577

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   22.267689  633.221591   20.585426
766.469233   64.633564  1526.041
 0.25000   22.267689  661.944292   20.585426
769.765818   43.043457  1322.557
 0.50000   22.267689  692.203457   20.585426
773.062402   24.002559  1134.913
 0.75000   22.267689  723.475493   20.585426
776.358987   16.053638  979.205901
 1.00000   22.267689  755.202059   20.585426
779.655644   13.774552  856.381877

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -24.693220 -151.720703   -4.850085
-462.407428  -111.504088   -2783.591
 0.25000  -24.693220 -133.043979   -4.850085
-462.407428  -109.860178   -3215.386
 0.50000  -24.693220 -115.270165   -4.850085
-462.407428  -110.365581   -3705.975
 0.75000  -24.693220  -98.937553   -4.850085
-462.407428  -117.997912   -4258.390
 1.00000  -24.693220  -84.479726   -4.850085
-462.407428  -132.953066   -4880.802

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   19.412812  685.511396   16.036737
722.407022   57.163715  1676.797
 0.25000   19.412812  711.856920   16.036737
724.774591   41.380264  1437.785
 0.50000   19.412812  739.616903   16.036737
727.142160   27.560751  1228.040
 0.75000   19.412812  768.309882   16.036737
729.509729   20.427989  1061.734
 1.00000   19.412812  797.425634   16.036737
731.877350   16.789811  954.712018
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                768

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.462732 -164.965230   -5.164860
-614.935704  -102.449172   -3369.721
 0.25000  -23.462732 -147.754663   -5.164860
-614.935704  -100.860778   -3816.927
 0.50000  -23.462732 -131.379823   -5.164860
-614.935704  -101.324676   -4333.703
 0.75000  -23.462732 -116.334019   -5.164860
-614.935704  -108.123426   -4923.447
 1.00000  -23.462732 -103.014021   -5.164860
-614.935704  -115.527952   -5591.244

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   19.398456  617.833150   13.987511
696.958445   67.289653   1564.581
 0.25000   19.398456  639.793342   13.987511
698.931921   55.645488   1339.435
 0.50000   19.398456  662.932551   13.987511
700.905398   46.780005   1145.553
 0.75000   19.398456  686.849451   13.987511
702.878874   46.081141   997.234814
 1.00000   19.398456  711.118758   13.987511
704.852394   51.609768  914.340484

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.798646 -163.714479   -12.995500
-710.002929  -108.134324   -3286.443
 0.25000  -25.798646 -149.368688   -12.995500
-710.002929   -97.976253   -3657.635
 0.50000  -25.798646 -135.719514   -12.995500
-710.002929   -90.605083   -4095.053
 0.75000  -25.798646 -123.178152   -12.995500
-710.002929   -89.345786   -4602.275
 1.00000  -25.798646 -112.075328   -12.995500
-710.002929   -96.952424   -5182.447

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.637228  206.406741   18.051176
52.212667   43.951369  505.103894
 0.25000   11.637228  206.414829   18.051176
52.192607   24.632617  403.271139
 0.50000   11.637228  206.423432   18.051176
52.173591    7.544960  326.087442
 0.75000   11.637228  206.432386   18.051176
52.155973    2.005288  286.444725
 1.00000   11.637228  206.441558   18.051176
52.140087    2.154282  285.183663

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.043352  -32.313135   -0.215849
-201.959474   -12.637285   -1160.270
 0.25000   -2.043352  -32.306583   -0.215849
-201.974288   -16.348203   -1285.496
 0.50000   -2.043352  -32.300413   -0.215849
-201.990687   -22.083855   -1434.656
 0.75000   -2.043352  -32.294760   -0.215849
-202.008289   -35.430397   -1607.589
 1.00000   -2.043352  -32.289739   -0.215849
-202.026733   -55.626560   -1804.647

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.374783  304.505981   12.959272
115.171863   41.094838  783.779725
 0.25000   10.374783  304.514669   12.959272
115.151802   29.558483  630.499758
 0.50000   10.374783  304.522672   12.959272
115.132787   20.540295  518.189995
 0.75000   10.374783  304.531626   12.959272
115.115169   19.753103  460.144615
 1.00000   10.374783  304.540798   12.959272
115.099282   24.413746  469.400147
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                769

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.171192  -62.310623   -6.641879
-440.009886   -27.191875   -1984.423
 0.25000   -7.171192  -62.304071   -6.641879
-440.024700   -24.410861   -2147.110
 0.50000   -7.171192  -62.297900   -6.641879
-440.041099   -24.245872   -2340.360
 0.75000   -7.171192  -62.292248   -6.641879
-440.058701   -30.338018   -2591.175
 1.00000   -7.171192  -62.287227   -6.641879
-440.077145   -43.828110   -2871.118

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.751598  575.131203   18.652355
537.623411   60.182392  1444.822
 0.25000   16.751598  597.396404   18.652355
501.150137   43.483166  1243.192
 0.50000   16.751598  620.956246   18.652355
466.645520   29.465968  1067.658
 0.75000   16.751598  645.393546   18.652355
457.159389   22.832549  929.684197
 1.00000   16.751598  670.305319   18.652355
450.195113   23.388667  847.870903

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.390089 -158.209933   -6.929840
-574.843910   -76.576715   -3196.893
 0.25000  -17.390089 -141.971139   -6.929840
-574.839216   -74.957616   -3542.007
 0.50000  -17.390089 -126.616333   -6.929840
-575.154857   -76.233020   -3951.530
 0.75000  -17.390089 -112.495788   -6.929840
-577.667597   -83.635566   -4410.914
 1.00000  -17.390089  -99.993113   -6.929840
-599.728396   -98.740149   -4932.520

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.150994  519.552542   16.283091
564.643015   78.050549  1372.774
 0.25000   18.150994  538.095247   16.283091
534.267670   64.986990  1182.325
 0.50000   18.150994  557.716143   16.283091
505.531845   54.583173  1018.705
 0.75000   18.150994  578.067796   16.283091
497.031691   50.758307  892.337660
 1.00000   18.150994  598.814596   16.283091
491.831765   53.860128  828.345826

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.200355 -161.592641   -10.308111
-682.550685   -77.114635   -3109.299
 0.25000  -18.200355 -148.068794   -10.308111
-682.546776   -71.550109   -3386.018
 0.50000  -18.200355 -135.281142   -10.308111
-682.809645   -68.691910   -3721.630
 0.75000  -18.200355 -123.521397   -10.308111
-684.902283   -71.356169   -4107.747
 1.00000  -18.200355 -113.109031   -10.308111
-703.274759   -82.555648   -4552.876

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.510920   57.005641    2.540457
194.179983   54.205246  262.772821
 0.25000    8.510920   57.013726    2.540457
194.159973   52.362038  232.239201
 0.50000    8.510920   57.022225    2.540457
194.141005   50.968359  207.675537
 0.75000    8.510920   57.031276    2.540457
194.123428   50.261636  191.624730
 1.00000    8.510920   57.040444    2.540457
194.107581   50.281414  192.485407
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                770

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.961031  -48.099830   -4.514650
-310.262606   -15.767441   -652.464860
 0.25000   -5.961031  -48.093285   -4.514650
-310.277363   -11.483811   -631.895844
 0.50000   -5.961031  -48.087121   -4.514650
-310.293704   -7.837249   -616.720454
 0.75000   -5.961031  -48.081474   -4.514650
-310.311244   -5.265558   -610.828399
 1.00000   -5.961031  -48.076458   -4.514650
-310.329623   -3.924738   -616.827640

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.253977  129.990705    2.781862
282.849363   70.546951  488.587315
 0.25000   11.253977  129.998791    2.781862
282.829331   70.389921  418.413541
 0.50000   11.253977  130.007392    2.781862
282.810342   72.245347  365.468580
 0.75000   11.253977  130.016344    2.781862
282.792748   79.458996  336.196548
 1.00000   11.253977  130.025514    2.781862
282.776884   93.258040  346.576225

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.604605  -76.943176  -17.089735
-542.683499   -49.288337   -1345.045
 0.25000  -14.604605  -76.936628  -17.089735
-542.698280   -31.197601   -1339.013
 0.50000  -14.604605  -76.930461  -17.089735
-542.714646   -15.933610   -1350.012
 0.75000  -14.604605  -76.924812  -17.089735
-542.732212   -6.333977   -1383.413
 1.00000  -14.604605  -76.919794  -17.089735
-542.750619   -4.422511   -1438.864

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.992534  261.257324    6.857014
268.552092   73.309333  795.990530
 0.25000   12.992534  261.344658    6.857014
268.335749   69.062971  662.154920
 0.50000   12.992534  261.437547    6.857014
268.130668   66.876866  562.130634
 0.75000   12.992534  261.534231    6.857014
267.940654   68.554279  503.272939
 1.00000   12.992534  261.633264    6.857014
267.769325   74.281976  511.946584

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.650324  -94.822868  -11.490202
-656.026903   -37.404138   -2109.076
 0.25000  -11.650324  -94.752142  -11.490202
-656.186540   -27.804845   -2190.799
 0.50000  -11.650324  -94.685543  -11.490202
-656.363291   -20.758531   -2306.548
 0.75000  -11.650324  -94.624531  -11.490202
-656.553006   -17.802023   -2462.207
 1.00000  -11.650324  -94.570339  -11.490202
-656.751804   -19.793035   -2655.507

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.375755  442.395929   18.792757
493.903803   93.130584  1221.512
 0.25000   20.375755  455.531139   18.792757
465.758739   76.898142  1048.183
 0.50000   20.375755  469.463601   18.792757
438.951155   63.993165  903.594439
 0.75000   20.375755  483.952663   18.792757
414.082579   59.334563  798.927856
 1.00000   20.375755  498.754651   18.792757
398.757416   63.499130  756.511159
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                771

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.500479 -149.390103   -9.850465
-683.894884   -60.446852   -2867.986
 0.25000  -15.500479 -139.239464   -9.850465
-685.121963   -55.274706   -3081.332
 0.50000  -15.500479 -129.659940   -9.850465
-704.995045   -53.625223   -3341.466
 0.75000  -15.500479 -120.878161   -9.850465
-727.961554   -59.184520   -3653.791
 1.00000  -15.500479 -113.085433   -9.850465
-752.033076   -73.232277   -4019.691

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.237851  538.490252   16.309300
622.679356   69.507233  2075.507
 0.25000   18.237851  565.421802   16.309300
622.679356   55.120623  1705.949
 0.50000   18.237851  593.878178   16.309300
622.679356   41.800754  1325.850
 0.75000   18.237851  623.280257   16.309300
622.679356   44.035458  942.383483
 1.00000   18.237851  652.785219   16.309300
622.679356   52.933569  685.338745

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.043336 -153.722427   -14.420667
-550.120496   -76.735177   -2407.861
 0.25000  -15.043336 -126.903324   -14.420667
-550.120496   -68.966370   -2561.975
 0.50000  -15.043336 -101.013183   -14.420667
-550.120496   -68.719604   -2716.471
 0.75000  -15.043336   -77.671337   -14.420667
-568.627173   -69.588733   -2871.106
 1.00000  -15.043336   -63.826086   -14.420667
-593.469057   -77.874525   -3026.655

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   22.267689  685.511396   20.585426
766.469233   93.130584  1676.797
 0.25000   22.267689  711.856920   20.585426
769.765818   76.898142  1437.785
 0.50000   22.267689  739.616903   20.585426
773.062402   72.245347  1228.040
 0.75000   22.267689  768.309882   20.585426
776.358987   79.458996  1061.734
 1.00000   22.267689  797.425634   20.585426
779.655644   93.258040  954.712018

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.798646 -164.965230   -17.089735
-710.002929  -111.504088   -3369.721
 0.25000  -25.798646 -149.368688   -17.089735
-710.002929  -109.860178   -3816.927
 0.50000  -25.798646 -135.719514   -17.089735
-710.002929  -110.365581   -4333.703
 0.75000  -25.798646 -123.521397   -17.089735
-727.961554  -117.997912   -4923.447
 1.00000  -25.798646 -113.109031   -17.089735
-752.033076  -132.953066   -5591.244

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   22.267689  685.511396   20.585426
766.469233   93.130584  2075.507
 0.25000   22.267689  711.856920   20.585426
769.765818   76.898142  1705.949
 0.50000   22.267689  739.616903   20.585426
773.062402   72.245347  1325.850
 0.75000   22.267689  768.309882   20.585426
776.358987   79.458996  1061.734
 1.00000   22.267689  797.425634   20.585426
779.655644   93.258040  954.712018
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                772

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.798646 -164.965230  -17.089735
-710.002929 -111.504088   -3369.721
 0.25000  -25.798646 -149.368688  -17.089735
-710.002929 -109.860178   -3816.927
 0.50000  -25.798646 -135.719514  -17.089735
-710.002929 -110.365581   -4333.703
 0.75000  -25.798646 -123.521397  -17.089735
-727.961554 -117.997912   -4923.447
 1.00000  -25.798646 -113.109031  -17.089735
-752.033076 -132.953066   -5591.244

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  22.267689  685.511396  20.585426
766.469233  93.130584  2075.507
 0.25000  22.267689  711.856920  20.585426
769.765818  76.898142  1705.949
 0.50000  22.267689  739.616903  20.585426
773.062402  72.245347  1325.850
 0.75000  22.267689  768.309882  20.585426
776.358987  79.456896  1061.734
 1.00000  22.267689  797.425634  20.585426
779.655644  93.258040  954.712018

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.798646 -164.965230  -17.089735
-710.002929 -111.504088   -3369.721
 0.25000  -25.798646 -149.368688  -17.089735
-710.002929 -109.860178   -3816.927
 0.50000  -25.798646 -135.719514  -17.089735
-710.002929 -110.365581   -4333.703
 0.75000  -25.798646 -123.521397  -17.089735
-727.961554 -117.997912   -4923.447
 1.00000  -25.798646 -113.109031  -17.089735
-752.033076 -132.953066   -5591.244

 ELEM       44 ================== LENGTH
=     3.491148

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.653774  430.686275    3.662123
488.206720  17.597214  390.000292
 0.25000    7.653774  448.146890    3.662123
488.206720  29.736111  297.269147
 0.50000    7.653774  466.086955    3.662123
488.206720  42.658375  265.715550
 0.75000    7.653774  484.394589    3.662123
488.206720  55.586589  289.509850
 1.00000    7.653774  502.625407    3.662123
488.206720  69.028441  313.304150

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.581139  -27.289347  -17.781116
-332.546669  -41.874695   -1591.373
 0.25000  -10.581139  -27.289347  -17.781116
-332.546669  -29.580245   -1704.468
 0.50000  -10.581139  -27.289347  -17.781116
-332.546669  -17.503251   -1818.443
 0.75000  -10.581139  -27.289347  -17.781116
-332.546669   -5.204707   -1932.421
 1.00000  -10.581139  -27.289347  -17.781116
-332.546669  -11.383568   -2046.551

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   17.525004  626.909210   43.339627
566.320890  13.806702  622.913213
 0.25000   17.525004  648.912728   43.339627
566.320890  16.686322  489.083412
 0.50000   17.525004  671.475488   43.339627
566.320890  19.674560  455.780006
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                773

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000   17.525004  694.444305   43.339627
566.320890  22.920877  496.772816
 1.00000   17.525004  717.283512   43.339627
566.320890  26.317421  537.765626

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.431097  -55.937201  -15.272119
-515.667867  -76.590170   -2582.096
 0.25000  -12.431097  -47.369167  -15.272119
-515.667867  -98.561957   -2732.228
 0.50000  -12.431097  -47.369167  -15.272119
-515.667867 -120.886658   -2883.307
 0.75000  -12.431097  -47.369167  -15.272119
-515.667867 -143.304230   -3034.737
 1.00000  -12.431097  -47.369167  -15.272119
-515.667867 -174.620731   -3186.189

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.075328  637.559639   30.814231
604.735285  12.822666  685.114511
 0.25000   14.075328  657.771720   30.814231
604.735285  14.905418  587.370057
 0.50000   14.075328  678.494179   30.814231
604.735285  17.134094  570.419649
 0.75000   14.075328  699.585399   30.814231
604.735285  19.580736  622.053673
 1.00000   14.075328  720.564699   30.814231
604.735285  22.513466  673.687696

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.367929  -75.437811  -13.778023
-604.820371  -68.008307   -3025.824
 0.25000  -12.367929  -66.874993  -13.778023
-604.820371  -79.251356   -3159.066
 0.50000  -12.367929  -66.874993  -13.778023
-604.820371  -91.550178   -3293.601
 0.75000  -12.367929  -66.874993  -13.778023
-604.820371 -104.353520   -3428.532
 1.00000  -12.367929  -66.874993  -13.778023
-604.820371 -124.213814   -3563.867

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.300099  559.750963   28.588318
620.647451  31.374026  655.475763
 0.25000   14.300099  576.594363   28.588318
620.647451  47.006137  583.925393
 0.50000   14.300099  593.863079   28.588318
620.647451  66.444027  579.600464
 0.75000   14.300099  611.439096   28.588318
620.647451  87.249178  632.429228
 1.00000   14.300099  628.921846   28.588318
620.647451 108.608242  685.257992

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.190971  -93.337436  -33.623721
-646.954951  -57.172625   -2883.354
 0.25000  -15.190971  -86.201755  -33.623721
-646.954951  -66.646951   -2976.100
 0.50000  -15.190971  -86.201755  -33.623721
-646.954951  -77.147041   -3070.284
 0.75000  -15.190971  -86.201755  -33.623721
-646.954951  -88.476252   -3165.217
 1.00000  -15.190971  -86.201755  -33.623721
-646.954951 -107.016029   -3260.957

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.223682  160.474676   44.503080
74.583291   1.892376  206.459467
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                774

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   10.223682  160.484596   44.503080
74.556547   1.701152  189.723267
 0.50000   10.223682  160.494679   44.503080
74.532531   1.624401  208.667075
 0.75000   10.223682  160.504842   44.503080
74.515890   1.724108  227.648662
 1.00000   10.223682  160.514887   44.503080
74.515890   1.903120  246.632265

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.423148  -21.934975   -0.273038
-207.739544  -29.057290   -1026.173
 0.25000   -1.423148  -21.925428   -0.273038
-207.763104  -67.236248   -1050.587
 0.50000   -1.423148  -21.916717   -0.273038
-207.791024 -105.855555   -1075.121
 0.75000   -1.423148  -21.910884   -0.273038
-207.820395 -144.553093   -1099.956
 1.00000   -1.423148  -21.907847   -0.273038
-207.850279 -183.264297   -1124.796

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   8.413188  219.787834   33.056084
200.926694  13.555633  334.156405
 0.25000   8.413188  219.797755   33.056084
200.899868  27.761184  334.694175
 0.50000   8.413188  219.807839   33.056084
200.875844  42.680317  368.441615
 0.75000   8.413188  219.818003   33.056084
200.859157  57.896384  402.226811
 1.00000   8.413188  219.828048   33.056084
200.859157  73.251103  436.014039

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.246149  -56.736417  -17.690786
-370.523421  -25.940019   -1676.422
 0.25000   -6.246149  -56.726869  -17.690786
-370.547058  -51.826980   -1688.531
 0.50000   -6.246149  -56.717150  -17.690786
-370.575063  -79.038920   -1701.432
 0.75000   -6.246149  -56.712317  -17.690786
-370.604443 -106.751679   -1714.573
 1.00000   -6.246149  -56.709273  -17.690786
-370.634347 -134.935603   -1728.286

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.936993  511.520670   45.937453
444.522346  14.012733  609.316082
 0.25000   11.936993  528.602823   45.937453
442.335747  25.745949  554.568688
 0.50000   11.936993  546.044669   45.937453
442.335747  38.886050  538.845545
 0.75000   11.936993  563.713955   45.937453
442.335747  54.046836  587.855127
 1.00000   11.936993  581.232004   45.937453
442.335747  71.437845  636.864710

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.945374  -94.949852  -21.675991
-526.473509  -55.910688   -2707.240
 0.25000  -10.945374  -83.903323  -21.675991
-526.473509  -76.971040   -2793.361
 0.50000  -10.945374  -74.522008  -21.675991
-526.473509 -113.727332   -2880.232
 0.75000  -10.945374  -72.173837  -21.675991
-526.473509 -151.635611   -2967.348
 1.00000  -10.945374  -72.173837  -21.675991
-526.669058 -190.317503   -3055.260
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                775

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.632126  450.213888   42.454260
491.850452  30.077910  586.988035
 0.25000   12.632126  464.440749   42.454260
490.147455  38.897056  550.534793
 0.50000   12.632126  478.967255   42.454260
490.147455  50.990269  546.727258
 0.75000   12.632126  493.683276   42.454260
490.147455  66.741453  596.825120
 1.00000   12.632126  508.273390   42.454260
490.147455  85.870488  646.922982

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.446822 -107.660169  -24.708978
-587.502874  -47.324609   -2564.901
 0.25000  -11.446822  -98.470023  -24.708978
-587.502874  -71.106518   -2616.150
 0.50000  -11.446822  -90.657776  -24.708978
-587.502874  -95.208854   -2668.313
 0.75000  -11.446822  -88.714923  -24.708978
-587.502874 -128.460305   -2721.079
 1.00000  -11.446822  -88.714923  -24.708978
-587.508822 -163.706830   -2775.132

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   4.417004  34.604028    8.389649
188.773711  29.246680  117.087126
 0.25000   4.417004  34.613953    8.389649
188.746479  24.950667  130.741857
 0.50000   4.417004  34.624042    8.389649
188.722414  21.055125  144.439674
 0.75000   4.417004  34.634210    8.389649
188.705495  17.366036  158.175122
 1.00000   4.417004  34.644350    8.389649
188.705495  13.963593  171.912685

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.545815  -43.165978   -3.635764
-231.761297  -3.580309 -434.026932
 0.25000   -4.545815  -43.156424   -3.635764
-231.785322  -5.484883 -401.860804
 0.50000   -4.545815  -43.147671   -3.635764
-231.813753  -7.839668 -370.188127
 0.75000   -4.545815  -43.141832   -3.635764
-231.843176 -10.613494 -339.275118
 1.00000   -4.545815  -43.138752   -3.635764
-231.873181 -13.647505 -308.971462

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   7.155456  80.359927   11.543376
316.198753  53.697709  227.639759
 0.25000   7.155456  80.369826   11.543376
316.172009  75.877500  252.476829
 0.50000   7.155456  80.379909   11.543376
316.147993  99.857144  278.663631
 0.75000   7.155456  80.390072   11.543376
316.131352 124.789514  304.922813
 1.00000   7.155456  80.400117   11.543376
316.131352 150.381873  331.174811

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.804771  -79.958437  -36.214098
-393.812127   -3.245645  -948.384145
 0.25000  -11.804771  -79.948890  -36.214098
-393.835686   -2.900431  -900.230061
 0.50000  -11.804771  -79.940179  -36.214098
-393.863607   -4.350754  -853.094767
 0.75000  -11.804771  -79.934346  -36.214098
-393.892977  -10.362874  -807.024184
 1.00000  -11.804771  -79.931309  -36.214098
-393.922862  -18.578385  -762.259576
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                776

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   7.875126  172.563577   18.535569
353.668746  41.111850  344.977070
 0.25000   7.875126  172.572505   18.535569
353.644603  49.353331  381.945974
 0.50000   7.875126  172.581581   18.535569
353.622981  58.964938  421.094604
 0.75000   7.875126  172.590728   18.535569
353.607963  69.503167  460.277213
 1.00000   7.875126  172.599769   18.535569
353.607963  80.640475  499.461652

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.199620  -88.571626  -18.820926
-502.460398  -12.235502   -1651.642
 0.25000   -9.199620  -88.563033  -18.820926
-502.481671  -17.747460   -1618.316
 0.50000   -9.199620  -88.555186  -18.820926
-502.506876  -25.853800   -1586.209
 0.75000   -9.199620  -88.549936  -18.820926
-502.533817  -34.917059   -1555.107
 1.00000   -9.199620  -88.547196  -18.820926
-502.560232  -52.638778   -1525.176

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.401715  364.252192   49.848601
461.779043  35.659477  528.623612
 0.25000   13.401715  374.312757   49.848601
440.882035  41.682039  511.045209
 0.50000   13.401715  384.561679   49.848601
426.080190  49.288485  518.461122
 0.75000   13.401715  394.917192   49.848601
426.080190  58.127608  566.203085
 1.00000   13.401715  405.167848   49.848601
426.080190  68.097088  613.945049

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.728583 -111.964951  -17.707996
-569.649042  -40.309644   -2301.993
 0.25000  -10.728583 -102.463471  -17.707996
-569.648303  -70.561436   -2321.928
 0.50000  -10.728583  -96.598931  -17.707996
-577.430124 -106.616609   -2343.019
 0.75000  -10.728583  -91.302383  -17.707996
-597.933105 -146.541114   -2364.954
 1.00000  -10.728583  -91.302383  -17.707996
-617.257806 -188.113574   -2387.935

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   9.750127  567.197065    4.567418
615.480260  16.108107  534.382466
 0.25000   9.750127  586.545511    4.567418
621.463571  24.157232  467.148185
 0.50000   9.750127  606.397200    4.567418
627.386883  41.026655  406.711037
 0.75000   9.750127  626.543788    4.567418
633.114144  66.059610  376.985766
 1.00000   9.750127  646.661091    4.567418
638.084040  99.583512  403.124183

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -21.345928  -52.298803  -40.487380
-481.263129  -89.844881   -3071.556
 0.25000  -21.345928  -44.422083  -40.487380
-481.263129  -43.506148   -3450.734
 0.50000  -21.345928  -38.538131  -40.487380
-481.263129  -23.221675   -3855.773
 0.75000  -21.345928  -38.182554  -40.487380
-481.037079  -12.221284   -4287.985
 1.00000  -21.345928  -38.164318  -40.487380
-480.053663  -14.395018   -4748.930
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                777

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   21.159384  826.924915   55.761020
715.677288  15.319517  856.188945
 0.25000   21.159384  850.085543   55.761020
717.984540  16.515335  751.984909
 0.50000   21.159384  873.871265   55.761020
720.291880  20.988122  678.663174
 0.75000   21.159384  898.032873   55.761020
722.599221  34.229946  649.446567
 1.00000   21.159384  922.288317   55.761020
724.785560  53.930049  695.163087

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.870313  -94.245921  -34.365799
-701.375299 -134.039795   -4881.612
 0.25000  -23.870313  -83.807673  -34.365799
-701.375299 -151.973171   -5421.193
 0.50000  -23.870313  -73.955453  -34.365799
-701.375299 -173.164110   -5997.476
 0.75000  -23.870313  -70.253919  -34.365799
-701.375299 -203.024099   -6614.692
 1.00000  -23.870313  -70.081421  -34.365799
-701.254392 -242.424454   -7269.153

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   18.328343  840.320792   45.179282
751.746179  17.567183  954.679653
 0.25000   18.328343  861.560160   45.179282
753.403221  18.873935  878.732177
 0.50000   18.328343  883.374927   45.179282
755.060326  24.438093  830.161765
 0.75000   18.328343  905.535999   45.179282
756.717431  37.678618  819.950811
 1.00000   18.328343  927.789340   45.179282
758.307902  55.651443  879.910472

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -22.709194 -126.198731  -33.027623
-795.417606 -115.683840   -5591.647
 0.25000  -22.709194 -116.531000  -33.027623
-795.417606 -125.645901   -6133.056
 0.50000  -22.709194 -107.407836  -33.027623
-795.417606 -139.944779   -6711.513
 0.75000  -22.709194 -103.522213  -33.027623
-795.417606 -161.960280   -7328.767
 1.00000  -22.709194 -103.342986  -33.027623
-795.351404 -191.667512   -7981.362

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   18.356046  736.439650   42.019898
787.480697  52.456631  914.440620
 0.25000   18.356046  754.143629   42.019898
788.861917  69.131382  860.486048
 0.50000   18.356046  772.327230   42.019898
790.243189  90.799437  830.891040
 0.75000   18.356046  790.799491   42.019898
791.624461 119.761502  834.591752
 1.00000   18.356046  809.348663   42.019898
792.950191 153.748335  898.006926

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -25.121847 -154.030290  -50.760237
-833.114422  -97.280549   -5182.706
 0.25000  -25.121847 -145.971796  -50.760237
-833.114422 -105.776713   -5630.447
 0.50000  -25.121847 -138.367224  -50.760237
-833.114422 -117.985152   -6111.030
 0.75000  -25.121847 -135.128381  -50.760237
-833.114422 -137.230946   -6625.696
 1.00000  -25.121847 -134.978987  -50.760237
-833.059240 -164.407601   -7171.310
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                778

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.425760  217.961762   58.479677
74.362264   2.675254  285.323814
 0.25000   11.425760  217.968605   58.479677
74.347782   2.418606  268.449698
 0.50000   11.425760  217.974862   58.479677
74.334115   2.223955  273.022054
 0.75000   11.425760  217.981644   58.479677
74.321385   2.209728  294.045683
 1.00000   11.425760  217.988491   58.479677
74.309739   2.308568  318.132159

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.729134  -35.620767   -0.222510
-224.514086  -55.707682   -1804.306
 0.25000   -1.729134  -35.616323   -0.222510
-224.527159 -106.445789   -1942.150
 0.50000   -1.729134  -35.612155   -0.222510
-224.540930 -157.228386   -2090.096
 0.75000   -1.729134  -35.608313   -0.222510
-224.555221 -208.116899   -2248.791
 1.00000   -1.729134  -35.604848   -0.222510
-224.569854 -259.062825   -2411.657

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.088510  293.395120   45.566952
235.360952  24.014347  469.722616
 0.25000   10.088510  293.401564   45.566952
235.346471  38.448849  468.922616
 0.50000   10.088510  293.408220   45.566952
235.332803  53.800412  491.393471
 0.75000   10.088510  293.415002   45.566952
235.320074  69.392236  530.667650
 1.00000   10.088510  293.421850   45.566952
235.308427  85.276582  575.417467

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.897705  -90.954529  -18.826574
-418.658135  -42.968580   -2870.477
 0.25000   -6.897705  -90.950085  -18.826574
-418.671208  -79.963628   -3037.763
 0.50000   -6.897705  -90.945817  -18.826574
-418.684978 -118.171211   -3217.836
 0.75000   -6.897705  -90.942075  -18.826574
-418.699270 -156.724155   -3410.028
 1.00000   -6.897705  -90.938610  -18.826574
-418.713902 -195.804078   -3608.864

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.113486  665.501977   56.999766
560.564289  24.378141  848.072805
 0.25000   16.113486  683.351042   56.999766
543.339574  35.913887  810.749956
 0.50000   16.113486  701.720528   56.999766
537.783669  49.319107  789.818074
 0.75000   16.113486  720.414006   56.999766
533.723302  64.469124  783.017473
 1.00000   16.113486  739.242528   56.999766
531.089710  82.087918  834.084837

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -16.694908 -145.489182   -26.714246
-656.071958  -98.649160   -4932.017
 0.25000  -16.694908 -135.349007   -26.714246
-657.497011 -131.874076   -5326.675
 0.50000  -16.694908 -125.794391   -26.714246
-660.376336 -173.139421   -5748.533
 0.75000  -16.694908 -116.985957   -26.714246
-664.714200 -215.785801   -6204.931
 1.00000  -16.694908 -111.378554   -26.714246
-685.026016 -260.221581   -6703.037
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                779

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.416512	587.253525	54.035033
642.534334	55.199785	828.684049	
0.25000	17.416512	602.118424	54.035033
628.158588	63.994616	803.802843	
0.50000	17.416512	617.416734	54.035033
623.562383	75.887870	794.786039	
0.75000	17.416512	632.984869	54.035033
620.180864	91.261353	798.497961	
1.00000	17.416512	648.665470	54.035033
617.987580	110.780052	851.386785	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.418078	-168.986218	-30.351884
-733.225148	-83.004289	-4552.474	
0.25000	-17.418078	-160.541701	-30.351884
-734.411948	-109.710736	-4872.524	
0.50000	-17.418078	-152.584179	-30.351884
-736.809882	-143.980143	-5216.943	
0.75000	-17.418078	-145.248417	-30.351884
-740.422502	-181.377204	-5591.925	
1.00000	-17.418078	-140.572764	-30.351884
-757.338407	-222.238746	-6002.840	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.184669	49.826910	17.160375
274.742927	51.234931	192.802328	
0.25000	8.184669	49.833352	17.160375
274.728484	39.149215	191.562879	
0.50000	8.184669	49.840006	17.160375
274.714852	30.299514	208.766156	
0.75000	8.184669	49.846786	17.160375
274.702155	24.778236	220.228485	
1.00000	8.184669	49.853631	17.160375
274.690539	22.536247	233.711478	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.629686	-71.718519	-4.617143
-295.279393	-4.557724	-616.975670	
0.25000	-5.629686	-71.714082	-4.617143
-295.292422	-4.808018	-600.471220	
0.50000	-5.629686	-71.709921	-4.617143
-295.306149	-7.265691	-586.904550	
0.75000	-5.629686	-71.706084	-4.617143
-295.320396	-13.642921	-576.163391	
1.00000	-5.629686	-71.702625	-4.617143
-295.334984	-23.214815	-567.805389	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.818334	107.439553	19.667811
448.268948	94.294877	347.009649	
0.25000	10.818334	107.445995	19.667811
448.254489	112.164428	366.595207	
0.50000	10.818334	107.452650	19.667811
448.240841	132.563929	391.304915	
0.75000	10.818334	107.459431	19.667811
448.228130	157.119572	420.481319	
1.00000	10.818334	107.466277	19.667811
448.216501	185.322399	453.184461	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.264898	-129.863977	-40.440988
-487.887183	-5.158272	-1438.838	
0.25000	-14.264898	-129.859536	-40.440988
-487.900231	-4.177884	-1430.534	
0.50000	-14.264898	-129.855373	-40.440988
-487.913977	-5.687262	-1427.700	
0.75000	-14.264898	-129.851534	-40.440988
-487.928243	-12.922682	-1429.982	
1.00000	-14.264898	-129.848072	-40.440988
-487.942850	-24.597463	-1436.631	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
780

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.451783	231.850209	34.596793
464.154249	74.893097	512.457504	
0.25000	12.451783	231.919787	34.596793
463.998086	80.606951	538.762155	
0.50000	12.451783	231.991662	34.596793
463.850696	88.588833	574.627431	
0.75000	12.451783	232.064897	34.596793
463.713418	100.271711	617.890090	
1.00000	12.451783	232.138833	34.596793
463.587824	115.108703	666.261991	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.178678	-145.000719	-23.954294
-597.442746	-19.663863	-2655.096	
0.25000	-11.178678	-144.952764	-23.954294
-597.583670	-33.304275	-2740.227	
0.50000	-11.178678	-144.907794	-23.954294
-597.732123	-49.936515	-2836.604	
0.75000	-11.178678	-144.866334	-23.954294
-597.886196	-71.834951	-2942.050	
1.00000	-11.178678	-144.828950	-23.954294
-598.043951	-97.395508	-3053.599	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.685651	476.862209	66.729719
603.877362	64.702736	756.606194	
0.25000	19.685651	487.361261	66.729719
583.766507	68.336696	745.652521	
0.50000	19.685651	498.186305	66.729719
564.707546	74.357350	750.608220	
0.75000	19.685651	509.205990	66.729719
550.022366	83.970672	767.808834	
1.00000	19.685651	520.321151	66.729719
547.618596	96.830956	812.776075	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.703913	-171.817849	-23.048841
-701.065253	-73.476457	-4019.247	
0.25000	-14.703913	-165.178735	-23.048841
-712.659518	-114.127314	-4260.572	
0.50000	-14.703913	-158.928499	-23.048841
-731.088875	-158.564657	-4522.027	
0.75000	-14.703913	-153.181461	-23.048841
-750.284531	-207.785537	-4803.536	
1.00000	-14.703913	-148.008192	-23.048841
-770.016994	-260.427295	-5102.002	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.525004	637.559639	49.848601
620.647451	53.697709	685.114511	
0.25000	17.525004	657.771720	49.848601
620.647451	75.877500	587.370057	
0.50000	17.525004	678.494179	49.848601
620.647451	99.857144	579.600464	
0.75000	17.525004	699.585399	49.848601
620.647451	124.789914	632.429228	
1.00000	17.525004	720.564699	49.848601
620.647451	150.381873	685.257992	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.190971	-111.964951	-36.214098
-646.954951	-76.590170	-3025.824	
0.25000	-15.190971	-102.463471	-36.214098
-646.954951	-98.561957	-3159.066	
0.50000	-15.190971	-96.598931	-36.214098
-646.954951	-120.886658	-3293.601	
0.75000	-15.190971	-91.302383	-36.214098
-646.954951	-151.635611	-3428.532	
1.00000	-15.190971	-91.302383	-36.214098
-646.954951	-190.317503	-3563.867	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
781

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.159384	840.320792	66.729719
787.480697	94.294877	954.679653	
0.25000	21.159384	861.560160	66.729719
788.861917	112.164428	878.732177	
0.50000	21.159384	883.374927	66.729719
790.243189	132.563929	830.891040	
0.75000	21.159384	905.535999	66.729719
791.624461	157.119572	834.591752	
1.00000	21.159384	927.789340	66.729719
792.950191	185.322399	898.006926	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-25.121847	-171.817849	-50.760237
-833.114422	-134.039795	-5591.647	
0.25000	-25.121847	-165.178735	-50.760237
-833.114422	-151.973171	-6133.056	
0.50000	-25.121847	-158.928499	-50.760237
-833.114422	-173.164110	-6711.513	
0.75000	-25.121847	-153.181461	-50.760237
-833.114422	-215.785801	-7328.767	
1.00000	-25.121847	-148.008192	-50.760237
-833.059240	-260.427295	-7981.362	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.159384	840.320792	66.729719
787.480697	94.294877	954.679653	
0.25000	21.159384	861.560160	66.729719
788.861917	112.164428	878.732177	
0.50000	21.159384	883.374927	66.729719
790.243189	132.563929	830.891040	
0.75000	21.159384	905.535999	66.729719
791.624461	157.119572	834.591752	
1.00000	21.159384	927.789340	66.729719
792.950191	185.322399	898.006926	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-25.121847	-171.817849	-50.760237
-833.114422	-134.039795	-5591.647	
0.25000	-25.121847	-165.178735	-50.760237
-833.114422	-151.973171	-6133.056	
0.50000	-25.121847	-158.928499	-50.760237
-833.114422	-173.164110	-6711.513	
0.75000	-25.121847	-153.181461	-50.760237
-833.114422	-215.785801	-7328.767	
1.00000	-25.121847	-148.008192	-50.760237
-833.059240	-260.427295	-7981.362	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.159384	840.320792	66.729719
787.480697	94.294877	954.679653	
0.25000	21.159384	861.560160	66.729719
788.861917	112.164428	878.732177	
0.50000	21.159384	883.374927	66.729719
790.243189	132.563929	830.891040	
0.75000	21.159384	905.535999	66.729719
791.624461	157.119572	834.591752	
1.00000	21.159384	927.789340	66.729719
792.950191	185.322399	898.006926	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-25.121847	-171.817849	-50.760237
-833.114422	-134.039795	-5591.647	
0.25000	-25.121847	-165.178735	-50.760237
-833.114422	-151.973171	-6133.056	
0.50000	-25.121847	-158.928499	-50.760237
-833.114422	-173.164110	-6711.513	
0.75000	-25.121847	-153.181461	-50.760237
-833.114422	-215.785801	-7328.767	
1.00000	-25.121847	-148.008192	-50.760237
-833.059240	-260.427295	-7981.362	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
782

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 45 ================== LENGTH = 3.491086

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.805753	11.630443	18.619988
318.657329	68.872924	313.125229	
0.25000	6.805753	11.630443	18.619988
318.657329	53.458801	303.165733	
0.50000	6.805753	11.630443	18.619988
318.657329	39.907419	293.229311	
0.75000	6.805753	16.988755	18.619988
318.657329	26.816866	283.325068	
1.00000	6.805753	24.552978	18.619988
318.657329	14.553145	370.618270	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.167937	-506.314625	-3.173644
-508.471043	-9.819499	-2043.877	
0.25000	-10.167937	-489.215975	-3.173644
-508.471043	-7.080442	-1819.192	
0.50000	-10.167937	-472.049542	-3.173644
-508.471043	-14.204304	-1605.583	
0.75000	-10.167937	-455.261317	-3.173644
-508.471043	-24.245764	-1453.582	
1.00000	-10.167937	-438.961610	-3.173644
-508.471043	-34.338927	-1353.129	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.559488	23.637890	16.357886
498.761366	25.578054	537.530814	
0.25000	16.559488	23.637890	16.357886
498.761366	18.357223	521.801364	
0.50000	16.559488	28.139948	16.357886
498.761366	14.286313	506.102926	
0.75000	16.559488	38.402717	16.357886
498.761366	11.533429	495.232312	
1.00000	16.559488	48.638056	16.357886
498.761366	9.637239	590.988432	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.896385	-727.717306	-42.817245
-591.118005	-172.841610	-3184.140	
0.25000	-11.896385	-706.219787	-42.817245
-591.118005	-138.931080	-2845.366	
0.50000	-11.896385	-684.603053	-42.817245
-591.118005	-114.523543	-2520.862	
0.75000	-11.896385	-663.404491	-42.817245
-591.118005	-90.351451	-2291.370	
1.00000	-11.896385	-642.774526	-42.817245
-591.118005	-66.326069	-2164.051	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.923446	52.899890	14.625510
588.837514	21.271330	673.518314	
0.25000	12.923446	52.899890	14.625510
588.837514	14.374356	656.591387	
0.50000	12.923446	57.580804	14.625510
588.837514	11.805575	639.693090	
0.75000	12.923446	67.056537	14.625510
588.837514	10.403439	627.746690	
1.00000	12.923446	76.510670	14.625510
588.837514	9.781917	712.127556	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.721672	-741.099464	-30.452015
-626.968512	-121.607106	-3562.557	
0.25000	-11.721672	-721.344795	-30.452015
-626.968512	-99.050023	-3191.822	
0.50000	-11.721672	-701.489200	-30.452015
-626.968512	-84.275412	-2834.858	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
783

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-11.721672	-682.013397	-30.452015
-626.968512	-70.123292	-2589.482	
1.00000	-11.721672	-663.056414	-30.452015
-626.968512	-57.043399	-2485.091	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.064137	77.362646	34.272535
645.874526	107.664147	685.201452	
0.25000	13.064173	77.362646	34.272535
645.874526	82.803294	671.121164	
0.50000	13.064173	81.263407	34.272535
645.874526	61.839905	657.064734	
0.75000	13.064173	89.159852	34.272535
645.874526	43.213942	647.140604	
1.00000	13.064173	97.038296	34.272535
645.874526	29.258268	717.514567	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.781292	-653.699583	-28.683641
-633.189668	-104.463813	-3260.526	
0.25000	-14.781292	-637.237167	-28.683641
-633.189668	-83.718752	-2922.774	
0.50000	-14.781292	-620.690838	-28.683641
-633.189668	-71.319933	-2596.914	
0.75000	-14.781292	-604.461803	-28.683641
-633.189668	-59.425370	-2388.566	
1.00000	-14.781292	-588.663517	-28.683641
-633.189668	-48.326479	-2322.255	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.214575	18.765052	0.202359
206.516403	1.996950	246.609761	
0.25000	10.214575	18.770382	0.202359
206.486559	2.002547	241.134987	
0.50000	10.214575	18.776020	0.202359
206.456998	2.120159	235.660226	
0.75000	10.214575	18.784765	0.202359
206.428726	2.308765	230.200579	
1.00000	10.214575	18.793912	0.202359
206.404535	2.586621	225.097633	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.393092	-171.293435	-44.550843
-73.555877	-183.356285	-1125.735	
0.25000	-1.393092	-171.283838	-44.550843
-73.555877	-144.482498	-1015.104	
0.50000	-1.393092	-171.274127	-44.550843
-73.562622	-105.714092	-907.760378	
0.75000	-1.393092	-171.264498	-44.550843
-73.587051	-66.979670	-835.305676	
1.00000	-1.393092	-171.255034	-44.550843
-73.611176	-28.429879	-822.152320	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.040325	61.671785	17.439729
373.053813	73.145260	436.086663	
0.25000	8.040325	61.677117	17.439729
373.053849	58.129328	428.740112	
0.50000	8.040325	61.682756	17.439729
373.024279	43.275106	421.413370	
0.75000	8.040325	61.691507	17.439729
372.995923	28.686362	414.101618	
1.00000	8.040325	61.700656	17.439729
372.971725	14.891791	407.123770	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.034670	-242.289297	-33.456116
-197.735877	-133.685440	-1729.756	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
784

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-6.034670	-242.279699	-33.456116
-197.735877	-105.574276	-1562.770	
0.50000	-6.034670	-242.269987	-33.456116
-197.742667	-77.783039	-1399.390	
0.75000	-6.034670	-242.260357	-33.456116
-197.767105	-50.312831	-1298.442	
1.00000	-6.034670	-242.250892	-33.456116
-197.791285	-23.796117	-1305.035	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.993722	63.729913	21.364294
526.623359	70.031988	636.789913	
0.25000	10.993722	69.943899	21.364294
517.651223	53.463690	622.716515	
0.50000	10.993722	78.659574	21.364294
517.651223	39.565816	608.667336	
0.75000	10.993722	87.642210	21.364294
517.651223	26.960501	609.210811	
1.00000	10.993722	98.498721	21.364294
517.651223	15.413469	660.696860	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.673649	-604.208776	-46.654666
-459.571736	-189.094206	-3055.535	
0.25000	-10.673649	-587.599600	-46.654666
-459.571736	-149.429965	-2745.573	
0.50000	-10.673649	-570.846145	-46.654666
-459.571736	-110.949136	-2445.066	
0.75000	-10.673649	-554.327362	-46.654666
-459.571736	-73.509513	-2245.719	
1.00000	-10.673649	-538.172951	-46.654666
-459.571736	-46.192374	-2186.557	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.460066	83.845830	24.624866
604.104540	84.762426	646.953030	
0.25000	11.460066	89.011185	24.624866
596.788035	65.721675	635.877884	
0.50000	11.460066	96.269043	24.624866
596.788035	51.194258	624.822918	
0.75000	11.460066	103.749188	24.624866
596.788035	39.975697	625.909984	
1.00000	11.460066	112.781182	24.624866
596.788035	31.652700	669.497887	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.892102	-534.233317	-43.250107
-495.585378	-162.296185	-2776.233	
0.25000	-10.892102	-520.400127	-43.250107
-495.585378	-125.884628	-2493.594	
0.50000	-10.892102	-506.446992	-43.250107
-495.585378	-92.904582	-2219.224	
0.75000	-10.892102	-492.689397	-43.250107
-495.585378	-61.672187	-2056.683	
1.00000	-10.892102	-479.235348	-43.250107
-495.585378	-38.943088	-2028.849	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.738676	45.466744	3.128797
260.618741	14.641853	172.055834	
0.25000	3.738676	45.472081	3.128797
260.588776	16.574205	173.481971	
0.50000	3.738676	45.477737	3.128797
260.559162	20.612722	174.943801	
0.75000	3.738676	45.486510	3.128797
260.530381	24.775070	176.420648	
1.00000	3.738676	45.495666	3.128797
260.506148	29.216644	177.926157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
785

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.086266	-44.257625	-8.407008
-172.559627	-13.647167	-310.499205	
0.25000	-4.086266	-44.248023	-8.407008
-172.559627	-10.460971	-275.912103	
0.50000	-4.086266	-44.238306	-8.407008
-172.566641	-7.683310	-241.975197	
0.75000	-4.086266	-44.228477	-8.407008
-172.591119	-5.365585	-252.818103	
1.00000	-4.086266	-44.219202	-8.407008
-172.615708	-3.573183	-285.255908	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.234726	85.848116	36.917949
431.464589	151.197058	331.400453	
0.25000	6.234726	85.853447	36.917949
431.434744	123.631788	331.919534	
0.50000	6.234726	85.859085	36.917949
431.405183	99.224230	332.454596	
0.75000	6.234726	85.867829	36.917949
431.376912	75.745710	333.004628	
1.00000	6.234726	85.876977	36.917949
431.352721	54.051660	333.609827	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.386612	-99.857270	-11.990380
-296.028593	-17.547858	-764.387786	
0.25000	-11.386612	-99.847674	-11.990380
-296.028593	-14.077435	-685.406827	
0.50000	-11.386612	-99.837962	-11.990380
-296.035338	-4.533225	-609.852661	
0.75000	-11.386612	-99.828334	-11.990380
-296.059768	-3.420307	-604.527948	
1.00000	-11.386612	-99.818870	-11.990380
-296.083893	-3.073052	-657.953592	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.873912	97.952556	19.073999
533.698068	81.169446	499.677858	
0.25000	6.873912	97.957354	19.073999
533.671191	68.650159	496.289205	
0.50000	6.873912	97.962430	19.073999
533.644578	58.901613	492.917747	
0.75000	6.873912	97.970306	19.073999
533.619057	49.992213	489.561048	
1.00000	6.873912	97.978549	19.073999
533.597279	42.341088	486.265242	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.606532	-200.752173	-19.141937
-335.359377	-50.942782	-1527.770	
0.25000	-8.606532	-200.743553	-19.141937
-335.359377	-36.320004	-1376.883	
0.50000	-8.606532	-200.734812	-19.141937
-335.365488	-25.122004	-1228.803	
0.75000	-8.606532	-200.726145	-19.141937
-335.387481	-16.997411	-1172.093	
1.00000	-8.606532	-200.717627	-19.141937
-335.409243	-10.074434	-1219.685	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.587059	91.576274	17.908573
642.252653	67.967684	614.042901	
0.25000	12.587059	96.712308	17.908573
623.160272	57.332937	605.554802	
0.50000	12.587059	102.146437	17.908573
602.836124	49.454050	597.088313	
0.75000	12.587059	108.087196	17.908573
589.458437	42.577097	600.603108	
1.00000	12.587059	117.152801	17.908573
589.458437	36.948965	624.332296	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
786

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.984342	-432.062508	-50.441635
-422.502921	-186.654383	-2390.005	
0.25000	-9.984342	-422.305474	-50.441635
-422.502921	-144.288746	-2148.672	
0.50000	-9.984342	-412.447546	-50.441635
-422.502921	-105.098261	-1913.786	
0.75000	-9.984342	-402.699782	-50.441635
-427.749700	-68.824116	-1787.996	
1.00000	-9.984342	-393.142358	-50.441635
-449.157733	-34.363624	-1788.437	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.704592	15.514668	40.168047
406.899681	98.826985	402.914300	
0.25000	8.704592	15.532781	40.168047
407.866569	64.705366	394.538872	
0.50000	8.704592	19.189530	40.168047
408.080765	38.056050	427.113860	
0.75000	8.704592	26.168039	40.168047
408.080765	22.960264	496.285604	
1.00000	8.704592	33.536589	40.168047
408.080765	13.763624	571.884070	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.209436	-650.074309	-4.009339
-714.494823	-12.499100	-4744.903	
0.25000	-18.209436	-630.337211	-4.009339
-709.508506	-9.944289	-4282.276	
0.50000	-18.209436	-610.554890	-4.009339
-703.769496	-18.545298	-3846.055	
0.75000	-18.209436	-591.069198	-4.009339
-697.816291	-39.708110	-3435.575	
1.00000	-18.209436	-572.042076	-4.009339
-691.863085	-65.612307	-3049.152	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.115253	32.688481	34.428563
598.897236	53.176612	694.662477	
0.25000	18.115253	33.745758	34.428563
599.015269	30.609680	681.055084	
0.50000	18.115253	42.261289	34.428563
599.015269	16.958458	723.479325	
0.75000	18.115253	51.559109	34.428563
599.015269	13.533774	806.708392	
1.00000	18.115253	61.406517	34.428563
599.015269	13.098821	927.255140	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.579404	-931.393049	-55.289475
-825.631090	-240.343491	-7268.548	
0.25000	-21.579404	-907.560978	-55.289475
-823.441917	-197.612994	-6609.118	
0.50000	-21.579404	-883.836671	-55.289475
-821.135844	-167.618586	-5982.962	
0.75000	-21.579404	-860.455682	-55.289475
-818.827319	-147.094634	-5393.913	
1.00000	-21.579404	-837.662127	-55.289475
-816.520112	-128.933971	-4840.163	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.767530	61.546114	32.794402
710.177050	54.689854	879.591513	
0.25000	15.767530	62.934157	32.794402
710.242010	33.658241	863.814579	
0.50000	15.767530	70.826624	32.794402
710.242010	20.697464	899.972404	
0.75000	15.767530	79.439339	32.794402
710.242010	16.753201	972.483569	
1.00000	15.767530	88.572172	32.794402
710.242010	15.820076	1075.372	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
787

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.827852	-948.484468	-44.642132
-845.524885	-189.096838	-7980.938	
0.25000	-20.827852	-926.644475	-44.642132
-843.932850	-155.940776	-7319.058	
0.50000	-20.827852	-904.898282	-44.642132
-842.276351	-16.021838	-6687.908	
0.75000	-20.827852	-883.436980	-44.642132
-840.618698	-120.458424	-6090.968	
1.00000	-20.827852	-862.539528	-44.642132
-838.961689	-109.841970	-5528.358	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.021838	91.741781	50.317383
790.141361	152.911106	898.547360	
0.25000	16.021838	92.898778	50.317383
790.195508	116.637320	880.730864	
0.50000	16.021838	99.477508	50.317383
790.195508	88.207379	908.258831	
0.75000	16.021838	106.656598	50.317383
790.195508	68.128138	967.627167	
1.00000	16.021838	114.269230	50.317383
790.195508	52.008062	1053.322	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.749685	-834.091153	-41.587362
-839.471206	-161.871182	-7170.991	
0.25000	-22.749685	-815.886526	-41.587362
-838.144171	-131.936172	-6613.040	
0.50000	-22.749685	-797.760084	-41.587362
-836.763405	-113.305754	-6076.988	
0.75000	-22.749685	-779.871113	-41.587362
-835.381676	-101.774914	-5574.395	
1.00000	-22.749685	-762.452137	-41.587362
-834.000483	-92.653543	-5101.983	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.190965	21.197323	0.152575
203.880125	2.534939	317.944924	
0.25000	9.190965	21.200662	0.152575
203.865475	2.687608	311.079756	
0.50000	9.190965	21.204385	0.152575
203.851163	2.978164	306.018189	
0.75000	9.190965	21.208424	0.152575
203.837332	3.345608	307.911025	
1.00000	9.190965	21.212735	0.152575
203.824164	3.752534	335.830716	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.422427	-227.174079	-58.655426
-87.056457	-259.120469	-2415.362	
0.25000	-2.422427	-227.167330	-58.655426
-87.067243	-208.142766	-2248.318	
0.50000	-2.422427	-227.160636	-58.655426
-87.079968	-157.266660	-2083.905	
0.75000	-2.422427	-227.154064	-58.655426
-87.093660	-106.439218	-1927.182	
1.00000	-2.422427	-227.147695	-58.655426
-87.108197	-55.629236	-1780.423	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.437952	68.281085	18.263810
417.748563	85.333585	575.879406	
0.25000	8.437952	68.284426	18.263810
417.733913	70.063586	563.457523	
0.50000	8.437952	68.288148	18.263810
417.719601	55.152131	554.122624	
0.75000	8.437952	68.292167	18.263810
417.705770	40.319839	553.123379	
1.00000	8.437952	68.296498	18.263810
417.692602	25.912820	578.470847	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
788

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.065477	-315.831022	-45.636909
-235.087134	-194.993010	-3611.740	
0.25000	-7.065477	-315.824273	-45.636909
-235.097919	-156.116441	-3402.249	
0.50000	-7.065477	-315.817579	-45.636909
-235.110644	-117.835531	-3196.638	
0.75000	-7.065477	-315.811006	-45.636909
-235.124336	-79.661013	-3000.614	
1.00000	-7.065477	-315.804638	-45.636909
-235.138873	-42.227646	-2816.442	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.812404	75.060846	26.084737
636.637297	80.885908	834.358019	
0.25000	13.812404	82.584932	26.084737
612.135291	64.517221	821.323742	
0.50000	13.812404	91.001297	26.084737
607.772479	50.779618	860.663324	
0.75000	13.812404	100.157475	26.084737
604.873661	38.253183	908.996201	
1.00000	13.812404	109.886756	26.084737
603.433994	26.568565	975.951173	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.102550	-762.422244	-56.989083
-585.789958	-258.381356	-6705.185	
0.25000	-16.102550	-743.914849	-56.989083
-588.397564	-214.720282	-6198.911	
0.50000	-16.102550	-725.514404	-56.989083
-592.432834	-172.779345	-5708.911	
0.75000	-16.102550	-707.404018	-56.989083
-597.009097	-132.628853	-5234.504	
1.00000	-16.102550	-689.815378	-56.989083
-608.051706	-95.155404	-4813.635	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.948633	100.731610	29.603022
753.573222	109.629102	851.952678	
0.25000	14.948633	106.997753	29.603022
733.167682	91.252585	838.927732	
0.50000	14.948633	114.006994	29.603022
729.534284	77.555681	871.778830	
0.75000	14.948633	121.632360	29.603022
727.120116	66.805444	913.147698	
1.00000	14.948633	129.735012	29.603022
725.921146	57.702933	970.904422	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.491738	-674.908565	-54.005447
-629.675427	-220.197798	-6005.317	
0.25000	-16.491738	-659.495401	-54.005447
-631.847070	-179.984190	-5578.279	
0.50000	-16.491738	-644.171308	-54.005447
-635.207687	-143.788007	-5167.416	
0.75000	-16.491738	-629.088779	-54.005447
-639.787534	-109.846309	-4782.085	
1.00000	-16.491738	-614.440765	-54.005447
-648.215256	-79.668814	-4420.282	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.438029	56.055728	4.022369
357.065708	22.361066	233.956650	
0.25000	6.438029	56.059061	4.022369
357.051102	24.522673	231.616731	
0.50000	6.438029	56.062778	4.022369
357.036835	30.899430	232.825211	
0.75000	6.438029	56.066810	4.022369
357.023048	40.899837	236.428688	
1.00000	6.438029	56.071114	4.022369
357.009923	52.054087	242.474242	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
789

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.014846	-59.783475	-17.123525
-217.364073	-22.569784	-569.785940	
0.25000	-5.014846	-59.776729	-17.123525
-217.374632	-13.210618	-561.124441	
0.50000	-5.014846	-59.770037	-17.123525
-217.387325	-7.211683	-556.574182	
0.75000	-5.014846	-59.763467	-17.123525
-217.400981	-4.906883	-555.270155	
1.00000	-5.014846	-59.757100	-17.123525
-217.415480	-4.022201	-557.958867	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.175547	105.354021	40.058216
572.743791	185.197115	454.606304	
0.25000	9.175547	105.357357	40.058216
572.729166	157.106239	444.849589	
0.50000	9.175547	105.361076	40.058216
572.714880	133.769701	440.762470	
0.75000	9.175547	105.365111	40.058216
572.701074	114.251615	440.819038	
1.00000	9.175547	105.369418	40.058216
572.687931	96.187607	445.938857	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.532270	-127.915629	-19.709259
-369.254518	-23.301212	-1438.265	
0.25000	-12.532270	-127.908882	-19.709259
-369.265174	-11.941637	-1400.507	
0.50000	-12.532270	-127.902188	-19.709259
-369.277881	-5.712333	-1369.347	
0.75000	-12.532270	-127.895617	-19.709259
-369.291552	-4.646376	-1345.029	
1.00000	-12.532270	-127.889250	-19.709259
-369.306067	-4.961762	-1333.680	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.179004	112.788300	23.289431
667.950274	114.999289	667.208551	
0.25000	10.179004	112.824330	23.289431
667.792327	100.578681	655.473401	
0.50000	10.179004	112.864493	23.289431
667.638034	90.293433	648.585606	
0.75000	10.179004	112.908075	23.289431
667.488931	83.323453	647.338851	
1.00000	10.179004	112.954588	23.289431
667.346984	77.645357	654.136827	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.457556	-260.741300	-34.721334
-398.698939	-95.837655	-3056.838	
0.25000	-10.457556	-260.668403	-34.721334
-398.814025	-70.738407	-2920.778	
0.50000	-10.457556	-260.596146	-34.721334
-398.951257	-50.001598	-2790.572	
0.75000	-10.457556	-260.525178	-34.721334
-399.098909	-33.620120	-2667.956	
1.00000	-10.457556	-260.456410	-34.721334
-399.255673	-18.986304	-2555.351	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.400987	109.746171	22.400838
795.773618	96.331653	813.308527	
0.25000	16.400987	114.700800	22.400838
776.024702	84.328015	806.498260	
0.50000	16.400987	120.245306	22.400838
756.783914	76.164641	827.103474	
0.75000	16.400987	126.266305	22.400838
738.261118	71.117246	854.436651	
1.00000	16.400987	132.678854	22.400838
724.274700	67.455215	899.047830	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
790

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.154605	-547.442282	-66.821703
-528.560786	-258.774783	-5106.192	
0.25000	-14.154605	-536.503626	-66.821703
-530.933640	-206.701606	-4753.006	
0.50000	-14.154605	-525.643323	-66.821703
-541.012384	-158.580211	-4435.173	
0.75000	-14.154605	-514.962847	-66.821703
-560.115711	-114.438873	-4137.272	
1.00000	-14.154605	-504.600579	-66.821703
-580.320202	-71.958115	-3870.535	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.559488	97.952556	36.917949
645.874526	151.197058	685.201452	
0.25000	16.559488	97.957354	36.917949
645.874526	123.631788	671.121164	
0.50000	16.559488	102.146437	36.917949
645.874526	99.224230	657.064734	
0.75000	16.559488	108.087196	36.917949
645.874526	75.745710	647.140604	
1.00000	16.559488	117.152801	36.917949
645.874526	54.051660	717.514567	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.781292	-741.099644	-50.441635
-633.189668	-189.094206	-3562.557	
0.25000	-14.781292	-721.344795	-50.441635
-633.189668	-149.429965	-3191.822	
0.50000	-14.781292	-701.489200	-50.441635
-633.189668	-114.523543	-2834.858	
0.75000	-14.781292	-682.013397	-50.441635
-633.189668	-80.245741	-2589.482	
1.00000	-14.781292	-663.056414	-50.441635
-633.189668	-66.326069	-2485.091	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.115253	112.788300	50.317383
795.773618	185.197115	898.547360	
0.25000	18.115253	114.700800	50.317383
790.195508	157.106239	880.730864	
0.50000	18.115253	120.245306	50.317383
790.195508	133.769701	908.258831	
0.75000	18.115253	126.266305	50.317383
790.195508	114.251615	972.483569	
1.00000	18.115253	132.678854	50.317383
790.195508	96.187607	1075.372	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.749685	-948.484468	-66.821703
-845.524885	-259.120469	-7980.938	
0.25000	-22.749685	-926.644475	-66.821703
-843.932850	-214.720282	-7319.058	
0.50000	-22.749685	-904.898282	-66.821703
-842.276351	-172.779345	-6687.908	
0.75000	-22.749685	-883.436980	-66.821703
-840.618698	-147.094634	-6090.968	
1.00000	-22.749685	-862.539528	-66.821703
-838.961689	-128.933971	-5528.358	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.115253	112.788300	50.317383
795.773618	185.197115	898.547360	
0.25000	18.115253	114.700800	50.317383
790.195508	157.106239	880.730864	
0.50000	18.115253	120.245306	50.317383
790.195508	133.769701	908.258831	
0.75000	18.115253	126.266305	50.317383
790.195508	114.251615	972.483569	
1.00000	18.115253	132.678854	50.317383
790.195508	96.187607	1075.372	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
791

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.749685	-948.484468	-66.821703
-845.524885	-259.120469	-7980.938	
0.25000	-22.749685	-926.644475	-66.821703
-843.932850	-214.720282	-7319.058	
0.50000	-22.749685	-904.898282	-66.821703
-842.276351	-172.779345	-6687.908	
0.75000	-22.749685	-883.436980	-66.821703
-840.618698	-147.094634	-6090.968	
1.00000	-22.749685	-862.539528	-66.821703
-838.961689	-128.933971	-5528.358	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.115253	112.788300	50.317383
795.773618	185.197115	898.547360	
0.25000	18.115253	114.700800	50.317383
790.195508	157.106239	880.730864	
0.50000	18.115253	120.245306	50.317383
790.195508	133.769701	908.258831	
0.75000	18.115253	126.266305	50.317383
790.195508	114.251615	972.483569	
1.00000	18.115253	132.678854	50.317383
790.195508	96.187607	1075.372	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.749685	-948.484468	-66.821703
-845.524885	-259.120469	-7980.938	
0.25000	-22.749685	-926.644475	-66.821703
-843.932850	-214.720282	-7319.058	
0.50000	-22.749685	-904.898282	-66.821703
-842.276351	-172.779345	-6687.908	
0.75000	-22.749685	-883.436980	-66.821703
-840.618698	-147.094634	-6090.968	
1.00000	-22.749685	-862.539528	-66.821703
-838.961689	-128.933971	-5528.358	

ELEM 46 ========== LENGTH = 4.987631

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.196235	24.694449	5.345118
181.733347	15.065166	370.973357	
0.25000	6.196235	37.274682	5.345118
181.733347	12.721662	560.550434	
0.50000	6.196235	56.786844	5.345118
181.733347	12.531297	795.257091	
0.75000	6.196235	77.810010	5.345118
181.733347	13.935456	1055.027	
1.00000	6.196235	98.942414	5.345118
181.733347	16.404720	1190.049	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.576776	-439.623871	-3.666906
-574.884526	-33.015536	-1354.070	
0.25000	-10.576776	-416.055833	-3.666906
-574.884526	-34.855349	-1260.893	
0.50000	-10.576776	-391.865877	-3.666906
-574.884526	-38.633758	-1167.730	
0.75000	-10.576776	-368.554789	-3.666906
-574.884526	-42.577044	-1075.407	
1.00000	-10.576776	-346.644147	-3.666906
-574.884526	-46.627782	-983.390874	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.893562	37.808909	3.105906
311.556121	10.563183	591.234945	
0.25000	15.893562	55.165324	3.105906
311.556121	12.856578	843.875866	
0.50000	15.893562	79.934229	3.105906
311.556121	18.802385	1167.743	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
792

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	15.893562	106.553640	3.105906
311.556121	37.426677	1506.912	
1.00000	15.893562	134.070644	3.105906
311.556121	57.184070	1838.120	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.629655	-647.489178	-17.282021
-662.899094	-65.180806	-2165.169	
0.25000	-12.629655	-617.219239	-17.282021
-662.899094	-53.924505	-2036.838	
0.50000	-12.629655	-587.018218	-17.282021
-662.899094	-52.945146	-1908.677	
0.75000	-12.629655	-557.867208	-17.282021
-662.899094	-54.083847	-1781.567	
1.00000	-12.629655	-530.391323	-17.282021
-662.899094	-56.394795	-1654.697	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.225657	43.807282	2.648094
450.595364	10.489618	712.380136	
0.25000	12.225657	59.862020	2.648094
450.595364	12.904010	933.403465	
0.50000	12.225657	82.627685	2.648094
450.595364	18.179524	1211.907	
0.75000	12.225657	107.089027	2.648094
450.595364	31.347815	1542.308	
1.00000	12.225657	132.445642	2.648094
450.595364	45.551457	1924.940	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.166316	-680.207676	-12.959976
-624.927766	-55.197592	-2485.903	
0.25000	-12.166316	-652.359945	-12.959976
-624.927766	-49.686237	-2368.206	
0.50000	-12.166316	-624.638723	-12.959976
-624.927766	-49.836130	-2250.674	
0.75000	-12.166316	-597.877760	-12.959976
-624.927766	-51.104093	-2134.260	
1.00000	-12.166316	-572.650714	-12.959976
-624.927766	-53.063369	-2018.237	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.309236	53.305158	9.263407
554.180824	29.767799	717.725136	
0.25000	12.309236	66.684107	9.263407
554.180824	27.633399	900.546885	
0.50000	12.309236	85.655494	9.263407
554.180824	29.601024	1131.213	
0.75000	12.309236	106.039946	9.263407
554.180824	39.052659	1405.434	
1.00000	12.309236	127.170458	9.263407
554.180824	50.341652	1727.297	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.258962	-611.705819	-11.282518
-582.431663	-46.791964	-2322.630	
0.25000	-15.258962	-588.499377	-11.282518
-582.431663	-42.023361	-2238.697	
0.50000	-15.258962	-565.398358	-11.282518
-582.431663	-48.937395	-2155.284	
0.75000	-15.258962	-543.097556	-11.282518
-582.431663	-58.305760	-2073.421	
1.00000	-15.258962	-522.075020	-11.282518
-582.431663	-68.510462	-1992.417	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.239725	8.208161	0.066655

174.931146 2.908593 225.023978
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
793

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 10.239725 8.218516 0.066655
174.888147 2.939091 240.833851
0.50000 10.239725 8.230006 0.066655
174.850854 5.129807 276.035902
0.75000 10.239725 8.242237 0.066655
174.820387 21.043637 399.715908
1.00000 10.239725 8.256596 0.066655
174.812575 37.242625 563.466928

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.763403 -166.841691 -13.077361
-49.717470 -28.746919 -822.173250
0.25000 -1.763403 -166.827022 -13.077361
-49.723274 -14.013921 -796.589676
0.50000 -1.763403 -166.813926 -13.077361
-49.754203 -9.246350 -771.204577
0.75000 -1.763403 -166.801204 -13.077361
-49.790216 -6.588331 -745.825405
1.00000 -1.763403 -166.789113 -13.077361
-49.835677 -5.303679 -720.747079

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.841881 24.544622 5.119529
380.744159 15.121760 407.063737
0.25000 7.841881 24.554979 5.119529
380.701146 11.164332 417.797622
0.50000 7.841881 24.566470 5.119529
380.663841 11.246270 446.581316
0.75000 7.841881 24.578702 5.119529
380.633308 20.658200 570.453939
1.00000 7.841881 24.593063 5.119529
380.625412 31.556800 792.214950

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.092717 -251.562552 -9.280763
-97.292061 -23.380926 -1304.756
0.25000 -6.092717 -251.547881 -9.280763
-97.297903 -14.394796 -1286.242
0.50000 -6.092717 -251.534784 -9.280763
-97.328843 -15.322776 -1267.892
0.75000 -6.092717 -251.522061 -9.280763
-97.364938 -18.999237 -1250.097
1.00000 -6.092717 -251.509970 -9.280763
-97.410415 -23.817873 -1232.668

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.373033 45.052536 5.254926
450.853522 16.327443 660.760250
0.25000 10.373033 60.861906 5.254926
450.853522 13.161141 832.043306
0.50000 10.373033 80.363500 5.254926
450.853522 18.360992 1036.471
0.75000 10.373033 101.224915 5.254926
450.853522 33.598518 1295.041
1.00000 10.373033 124.246453 5.254926
450.853522 50.114746 1611.546

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.129744 -576.907074 -14.017481
-405.596089 -46.104993 -2186.891
0.25000 -11.129744 -552.538766 -14.017481
-405.596089 -39.017428 -2106.351
0.50000 -11.129744 -529.532349 -14.017481
-405.596089 -39.939982 -2026.438
0.75000 -11.129744 -507.256613 -14.017481
-416.052546 -43.222926 -1947.049
1.00000 -11.129744 -486.177000 -14.017481
-450.798241 -47.509726 -1868.236
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
794

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.828439 55.585117 7.929186
559.292596 32.372398 669.546422
0.25000 10.828439 68.749553 7.929186
559.292596 29.235252 811.567230
0.50000 10.828439 84.991166 7.929186
559.292596 33.119443 981.270144
0.75000 10.828439 102.365381 7.929186
559.292596 45.239661 1195.880
1.00000 10.828439 121.537161 7.929186
559.292596 58.415262 1458.754

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.044715 -518.319928 -12.311511
-409.567895 -38.848997 -2028.804
0.25000 -11.044715 -498.025684 -12.311511
-409.567895 -33.709404 -1978.660
0.50000 -11.044715 -478.864354 -12.311511
-409.567895 -38.713770 -1929.746
0.75000 -11.044715 -460.311658 -12.311511
-418.166029 -45.800876 -1881.875
1.00000 -11.044715 -442.755258 -12.311511
-447.089995 -53.768521 -1835.040

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.557339 28.672670 4.284912
283.428908 28.975612 177.916474
0.25000 3.557339 28.683031 4.284912
283.385823 29.288340 177.357826
0.50000 3.557339 28.694528 4.284912
283.348462 29.839517 176.836285
0.75000 3.557339 28.706767 4.284912
283.317597 30.519425 176.326058
1.00000 3.557339 28.721140 4.284912
283.309285 31.253404 177.305409

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.792616 -52.933362 -1.427843
-116.525043 -3.417383 -284.740208
0.25000 -3.792616 -52.918682 -1.427843
-116.531080 -4.306366 -312.476609
0.50000 -3.792616 -52.905580 -1.427843
-116.562073 -6.102617 -341.210190
0.75000 -3.792616 -52.892852 -1.427843
-116.598583 -10.378474 -370.761176
1.00000 -3.792616 -52.880755 -1.427843
-116.644132 -14.608126 -401.263570

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.934466 46.589024 14.710598
484.173746 53.883621 333.600730
0.25000 5.934466 46.599379 14.710598
484.130747 45.766003 331.445205
0.50000 5.934466 46.610869 14.710598
484.093454 42.387681 330.044634
0.75000 5.934466 46.623100 14.710598
484.062987 41.302432 329.516520
1.00000 5.934466 46.637459 14.710598
484.055175 42.127233 357.854797

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.153672 -119.759561 -1.910963
-176.394712 -3.181176 -657.131748
0.25000 -11.153672 -119.744892 -1.910963
-176.400516 -5.166888 -695.627167
0.50000 -11.153672 -119.731796 -1.910963
-176.431445 -17.162745 -735.545702
0.75000 -11.153672 -119.719074 -1.910963
-176.467458 -32.862053 -776.917293
1.00000 -11.153672 -119.706983 -1.910963
-176.512919 -49.872819 -819.702167
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
795

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.493222 47.538899 9.066537
587.952363 42.113778 486.266317
0.25000 6.493222 47.547819 9.066537
587.913651 38.911043 479.715641
0.50000 6.493222 47.558161 9.066537
587.880077 38.092115 474.358638
0.75000 6.493222 47.569170 9.066537
587.852597 40.005065 540.496519
1.00000 6.493222 47.582095 9.066537
587.845491 43.009719 683.015947

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.285651 -224.043699 -3.704499
-180.319844 -9.750218 -1218.856
0.25000 -8.285651 -224.030496 -3.704499
-180.325102 -10.219862 -1240.992
0.50000 -8.285651 -224.018708 -3.704499
-180.352948 -16.332071 -1264.368
0.75000 -8.285651 -224.007256 -3.704499
-180.385434 -24.641986 -1289.173
1.00000 -8.285651 -223.996375 -3.704499
-180.426362 -33.769663 -1315.219

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.291855 56.321608 7.685087
627.013227 37.373070 624.293177
0.25000 12.291855 66.359372 7.685087
601.934409 34.867203 723.795069
0.50000 12.291855 77.931754 7.685087
581.418184 37.769382 843.098035
0.75000 12.291855 90.279279 7.685087
581.418184 51.175504 1015.590
1.00000 12.291855 104.353850 7.685087
581.418184 66.274269 1243.990

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.994198 -431.191910 -13.765437
-314.329747 -34.589762 -1788.068
0.25000 -9.994198 -416.569824 -13.765437
-314.329747 -28.415304 -1764.449
0.50000 -9.994198 -403.157479 -13.765437
-326.989193 -31.124478 -1741.862
0.75000 -9.994198 -390.149342 -13.765437
-353.403238 -36.660496 -1720.449
1.00000 -9.994198 -377.812925 -13.765437
-378.129862 -43.537376 -1700.267

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.980417 31.513902 7.094634
233.431281 15.522729 570.467476
0.25000 7.980417 42.342551 7.094634
233.431281 14.130316 689.529778
0.50000 7.980417 54.632843 7.094634
233.431281 14.258869 814.331789
0.75000 7.980417 67.999504 7.094634
233.431281 15.980801 942.164783
1.00000 7.980417 81.983448 7.094634
233.431281 18.375251 1070.721

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.258787 -517.154779 -3.395462
-773.720396 -65.595358 -3047.676
0.25000 -18.258787 -491.211066 -3.395462
-765.215194 -69.739303 -2622.867
0.50000 -18.258787 -465.548260 -3.395462
-756.709993 -75.137801 -2241.311
0.75000 -18.258787 -440.661593 -3.395462
-748.204792 -81.331808 -1899.065
1.00000 -18.258787 -416.940390 -3.395462
-739.699590 -87.994048 -1594.036
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
796

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.188261 49.087334 5.068214
374.033287 15.522790 927.564085
0.25000 17.188261 62.721175 5.068214
374.033287 21.687557 1071.540
0.50000 17.188261 78.165270 5.068214
374.033287 22.356957 1247.695
0.75000 17.188261 94.986811 5.068214
374.033287 41.222216 1461.397
1.00000 17.188261 112.609858 5.068214
374.033287 63.005831 1698.249

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.687557 -767.892970 -21.135391
-889.188897 -129.346423 -4838.710
0.25000 -21.687557 -736.591965 -21.135391
-885.892436 -112.146000 -4189.519
0.50000 -21.687557 -705.692104 -21.135391
-882.596053 -102.334231 -3607.531
0.75000 -21.687557 -675.758261 -21.135391
-879.299670 -101.185495 -3087.410
1.00000 -21.687557 -647.269955 -21.135391
-876.003287 -102.875755 -2628.404

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.006190 55.847050 5.133720
544.557958 17.649699 1075.601
0.25000 15.006190 68.413280 5.133720
544.557958 19.238813 1212.812
0.50000 15.006190 82.645741 5.133720
544.557958 24.654870 1386.619
0.75000 15.006190 98.136851 5.133720
544.557958 39.416159 1624.698
1.00000 15.006190 114.396091 5.133720
544.557958 56.265177 1908.925

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.139864 -818.509633 -16.481942
-828.729078 -109.264029 -5527.517
0.25000 -21.139864 -789.782411 -16.481942
-826.361598 -98.261677 -4821.533
0.50000 -21.139864 -761.428551 -16.481942
-823.994174 -92.825131 -4189.566
0.75000 -21.139864 -733.966561 -16.481942
-821.626750 -93.612650 -3631.030
1.00000 -21.139864 -707.842249 -16.481942
-819.259326 -96.225328 -3146.962

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.219159 66.404336 12.775654
682.636996 53.929470 1053.482
0.25000 15.219159 76.878860 12.775654
682.636996 46.846461 1170.894
0.50000 15.219159 88.742264 12.775654
682.636996 46.146708 1325.882
0.75000 15.219159 101.654809 12.775654
682.636996 55.448239 1543.546
1.00000 15.219159 115.207625 12.775654
682.636996 67.729032 1811.628

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.026718 -737.692263 -14.217881
-764.364407 -92.223102 -5101.743
0.25000 -23.026718 -713.746809 -14.217881
-762.391005 -83.031239 -4476.621
0.50000 -23.026718 -690.111677 -14.217881
-760.417649 -83.760122 -3921.120
0.75000 -23.026718 -667.220926 -14.217881
-758.444294 -91.868519 -3437.436
1.00000 -23.026718 -645.445957 -14.217881
-756.470938 -102.696863 -3031.748
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
797

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.097530 12.682556 0.061059
178.581378 4.182546 335.768409
0.25000 9.097530 12.687374 0.061059
178.562835 4.207240 344.469530
0.50000 9.097530 12.692816 0.061059
178.545098 7.375952 382.665898
0.75000 9.097530 12.698758 0.061059
178.528535 24.118524 472.807812
1.00000 9.097530 12.705053 0.061059
178.513575 44.256518 592.214002

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.581491 -215.500295 -18.177919
-62.065373 -55.960933 -1780.706
0.25000 -2.581491 -215.491222 -18.177919
-62.081401 -33.749260 -1569.064
0.50000 -2.581491 -215.482353 -18.177919
-62.099218 -18.184704 -1379.477
0.75000 -2.581491 -215.473621 -18.177919
-62.118488 -11.933572 -1214.244
1.00000 -2.581491 -215.465791 -18.177919
-62.138828 -8.609920 -1074.815

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.392039 30.521082 6.099221
440.370472 26.337330 578.377799
0.25000 8.392039 30.525900 6.099221
440.351929 20.324020 591.271983
0.50000 8.392039 30.531341 6.099221
440.334193 19.601080 640.993818
0.75000 8.392039 30.537284 6.099221
440.317630 29.567772 766.565179
1.00000 8.392039 30.543578 6.099221
440.302670 42.477421 950.139203

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.424041 -325.167595 -12.916130
-116.256093 -41.687153 -2817.304
0.25000 -7.424041 -325.158523 -12.916130
-116.271721 -26.932341 -2586.860
0.50000 -7.424041 -325.149653 -12.916130
-116.289938 -20.101948 -2231.568
0.75000 -7.424041 -325.141121 -12.916130
-116.309209 -21.154345 -1997.018
1.00000 -7.424041 -325.133091 -12.916130
-116.329548 -25.210175 -1807.215

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.453377 55.754796 6.232719
558.474048 28.622815 975.392703
0.25000 13.453377 67.666533 6.232719
535.819176 23.285441 1087.612
0.50000 13.453377 81.140505 6.232719
533.446813 27.673830 1228.333
0.75000 13.453377 95.824936 6.232719
533.235516 42.196986 1428.816
1.00000 13.453377 111.318453 6.232719
533.195586 60.117364 1672.120

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.490145 -693.552449 -18.512520
-511.875986 -95.148137 -4813.630
0.25000 -16.490135 -668.937923 -18.512520
-518.928578 -77.605110 -4238.439
0.50000 -16.490135 -644.769781 -18.512520
-528.554351 -68.733833 -3734.422
0.75000 -16.490135 -621.430437 -18.512520
-554.913307 -67.645156 -3298.782
1.00000 -16.490135 -599.354557 -18.512520
-592.064415 -70.000652 -2926.687
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
798

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.372492 68.764412 9.470217
709.132440 59.432327 970.845434
0.25000 14.372492 78.684638 9.470217
690.265213 52.503666 1069.115
0.50000 14.372492 89.905910 9.470217
688.289483 54.440914 1198.150
0.75000 14.372492 102.135267 9.470217
688.113512 65.262918 1385.517
1.00000 14.372492 115.038438 9.470217
688.080258 79.080922 1618.366

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.680433 -626.432236 -16.008456
-515.795416 -79.822643 -4420.706
0.25000 -16.680433 -605.932987 -16.008456
-521.668892 -66.342421 -3917.539
0.50000 -16.680433 -585.805492 -16.008456
-529.685342 -62.369105 -3480.996
0.75000 -16.680433 -566.368229 -16.008456
-551.637371 -65.363185 -3113.065
1.00000 -16.680433 -547.983193 -16.008456
-582.577224 -71.371275 -2814.692

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.981508 35.801152 4.135558
377.662738 52.652281 242.287820
0.25000 5.981508 35.805865 4.135558
377.644259 52.430261 252.623275
0.50000 5.981508 35.811400 4.135558
377.626584 52.912530 272.539717
0.75000 5.981508 35.817331 4.135558
377.610080 53.994325 304.907094
1.00000 5.981508 35.823624 4.135558
377.595176 55.456679 352.055907

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.655905 -68.820444 -2.321149
-147.617299 -4.366606 -558.554440
0.25000 -4.655905 -68.811375 -2.321149
-147.633288 -5.262069 -532.649421
0.50000 -4.655905 -68.802509 -2.321149
-147.651063 -7.432520 -517.909625
0.75000 -4.655905 -68.793981 -2.321149
-147.670287 -10.594611 -512.654711
1.00000 -4.655905 -68.785953 -2.321149
-147.690577 -14.352921 -548.630289

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.649200 56.579090 16.508226
636.632615 97.422354 445.736663
0.25000 8.649200 56.583905 16.508226
636.614109 83.969424 459.093843
0.50000 8.649200 56.589343 16.508226
636.596407 76.682788 491.664499
0.75000 8.649200 56.595476 16.508226
636.579878 73.865551 549.201622
1.00000 8.649200 56.601572 16.508226
636.564950 73.379485 643.990101

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.335770 -153.039456 -2.409902
-219.029194 -5.338575 -1334.767
0.25000 -12.335770 -153.030385 -2.409902
-219.045199 -6.928286 -1246.353
0.50000 -12.335770 -153.021518 -2.409902
-219.062992 -16.543187 -1180.170
0.75000 -12.335770 -153.012988 -2.409902
-219.082236 -30.947685 -1147.542
1.00000 -12.335770 -153.004959 -2.409902
-219.102547 -48.088049 -1149.012
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
799

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.753305 58.397875 10.618619
733.995193 78.547023 653.903599
0.25000 9.753305 58.449876 10.618619
733.795320 71.160812 673.249610
0.50000 9.753305 58.508607 10.618619
733.604147 68.358303 723.343202
0.75000 9.753305 58.572689 10.618619
733.425630 74.439227 840.012145
1.00000 9.753305 58.640683 10.618619
733.264411 75.244113 1011.634

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.428083 -290.493128 -6.452339
-215.302001 -18.761597 -2556.742
0.25000 -10.428083 -290.395166 -6.452339
-215.474859 -15.148397 -2318.666
0.50000 -10.428083 -290.299402 -6.452339
-215.667021 -17.269626 -2115.933
0.75000 -10.428083 -290.207276 -6.452339
-215.874858 -23.836515 -1964.253
1.00000 -10.428083 -290.120562 -6.452339
-216.094219 -33.251492 -1864.847

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.835861 70.013553 8.967184
785.954175 69.033926 898.848627
0.25000 15.835861 77.468306 8.967184
761.666938 63.126970 973.864585
0.50000 15.835861 85.898118 8.967184
738.477480 64.579512 1080.730
0.75000 15.835861 95.082396 8.967184
718.751084 77.538541 1249.491
1.00000 15.835861 104.803854 8.967184
717.611017 94.401734 1466.259

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.166728 -527.257583 -18.473353
-392.346111 -72.242145 -3871.608
0.25000 -14.166728 -512.623632 -18.473353
-401.988500 -55.501862 -3462.978
0.50000 -14.166728 -498.284650 -18.473353
-427.227829 -47.805805 -3104.740
0.75000 -14.166728 -484.467394 -18.473353
-454.507115 -48.772827 -2795.207
1.00000 -14.166728 -471.436191 -18.473353
-483.160654 -53.750731 -2564.960

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.893562 56.321608 14.710598
627.013227 53.883621 717.725136
0.25000 15.893562 68.749553 14.710598
601.934409 45.766003 933.403465
0.50000 15.893562 85.655494 14.710598
587.880077 42.387681 1211.907
0.75000 15.893562 107.089027 14.710598
587.852597 51.175504 1542.308
1.00000 15.893562 134.070648 14.710598
587.845491 66.274269 1924.940

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.258962 -680.207676 -17.282021
-662.899094 -65.180806 -2485.903
0.25000 -15.258962 -652.359945 -17.282021
-662.899094 -53.924505 -2368.206

```
 0.50000   -15.258962  -624.638723   -17.282021
-662.899094   -52.945146   -2250.674
 0.75000   -15.258962  -597.877760   -17.282021
-662.899094   -58.305760   -2134.260
 1.00000   -15.258962  -572.650718   -17.282021
-662.899094   -68.510462   -2018.237
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               800

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.188261   70.013553   16.508226
785.954175   97.422354    1075.601
 0.25000   17.188261   78.684638   16.508226
761.666938   83.969424    1212.812
 0.50000   17.188261   89.905910   16.508226
738.477480   76.682788    1386.619
 0.75000   17.188261  102.135267   16.508226
733.425630   77.538541    1624.698
 1.00000   17.188261  115.207625   16.508226
733.264411   94.401734    1908.925

 COMB      DL  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.026718  -818.509643   -21.135391
-889.188897  -129.346423   -5527.517
 0.25000  -23.026718  -789.782411   -21.135391
-885.892436  -112.146000   -4821.533
 0.50000  -23.026718  -761.428551   -21.135391
-882.596053  -102.334231   -4189.566
 0.75000  -23.026718  -733.965561   -21.135391
-879.299670  -101.185495   -3631.030
 1.00000  -23.026718  -707.842249   -21.135391
-876.003287  -102.875755   -3146.962

 COMB      CAR  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.188261   70.013553   16.508226
785.954175   97.422354    1075.601
 0.25000   17.188261   78.684638   16.508226
761.666938   83.969424    1212.812
 0.50000   17.188261   89.905910   16.508226
738.477480   76.682788    1386.619
 0.75000   17.188261  107.089027   16.508226
733.425630   77.538541    1624.698
 1.00000   17.188261  134.070644   16.508226
733.264411   94.401734    1924.940

 COMB      CAR  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.026718  -818.509643   -21.135391
-889.188897  -129.346423   -5527.517
 0.25000  -23.026718  -789.782411   -21.135391
-885.892436  -112.146000   -4821.533
 0.50000  -23.026718  -761.428551   -21.135391
-882.596053  -102.334231   -4189.566
 0.75000  -23.026718  -733.965561   -21.135391
-879.299670  -101.185495   -3631.030
 1.00000  -23.026718  -707.842249   -21.135391
-876.003287  -102.875755   -3146.962

 COMB    DESIGN  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.188261   70.013553   16.508226
785.954175   97.422354    1075.601
 0.25000   17.188261   78.684638   16.508226
761.666938   83.969424    1212.812
 0.50000   17.188261   89.905910   16.508226
738.477480   76.682788    1386.619
 0.75000   17.188261  107.089027   16.508226
733.425630   77.538541    1624.698
 1.00000   17.188261  134.070644   16.508226
733.264411   94.401734    1924.940

 COMB    DESIGN  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.026718  -818.509643   -21.135391
-889.188897  -129.346423   -5527.517
 0.25000  -23.026718  -789.782411   -21.135391
-885.892436  -112.146000   -4821.533
 0.50000  -23.026718  -761.428551   -21.135391
-882.596053  -102.334231   -4189.566
 0.75000  -23.026718  -733.965561   -21.135391
-879.299670  -101.185495   -3631.030
 1.00000  -23.026718  -707.842249   -21.135391
-876.003287  -102.875755   -3146.962
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               801

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       47 ================== LENGTH
=     4.987712

 COMB DB-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.656865   71.214924    0.521111
 81.829054   17.310816    1191.730
 0.25000    5.656865   90.484185    0.521111
 81.829054   21.731953    1390.072
 0.50000    5.656865  111.667455    0.521111
 81.829054   27.195660    1561.548
 0.75000    5.656865  134.373650    0.521111
 81.829054   33.605173    1705.434
 1.00000    5.656865  157.201299    0.521111
 81.829054   41.014895    1824.153

 COMB DB-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.032174  -380.918092   -8.147128
-570.859844  -47.401017  -983.944997
 0.25000  -11.032174  -357.636484   -8.147128
-570.859844  -42.273121  -926.309562
 0.50000  -11.032174  -333.871139   -8.147128
-570.859844  -41.155827  -868.674137
 0.75000  -11.032174  -311.073145   -8.147128
-570.859844  -38.072360  -811.038996
 1.00000  -11.032174  -289.757176   -8.147128
-570.859844  -35.001834  -753.689591

 COMB DB-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.312931   97.691582    1.179471
173.190765   57.900837    1839.691
 0.25000   15.312931  122.061987    1.179471
173.190765   61.785474    2121.837
 0.50000   15.312931  148.770537    1.179471
173.190765   66.875159    2390.384
 0.75000   15.312931  177.334458    1.179471
173.190765   73.244057    2650.621
 1.00000   15.312931  206.820736    1.179471
173.190765   80.823054    2898.656

 COMB DB-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.475871  -568.263626   -10.816391
-695.987883   -57.201986    -1655.391
 0.25000  -13.475871  -538.250382   -10.816391
-695.987883   -53.240540    -1568.275

 0.50000  -13.475871  -508.442709   -10.816391
-695.987883   -49.298407    -1481.161
 0.75000  -13.475871  -479.815946   -10.816391
-695.987883   -45.399557    -1394.050
 1.00000  -13.475871  -452.980706   -10.816391
-695.987883   -41.520121    -1307.271

 COMB DB-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.587293   90.441578    1.850408
316.866371   46.508551    1925.768
 0.25000   11.587293  112.834648    1.850408
316.866371   49.858518    2252.197
 0.50000   11.587293  137.369719    1.850408
316.866371   54.580321    2576.423
 0.75000   11.587293  163.603839    1.850408
316.866371   60.673872    2899.634
 1.00000   11.587293  190.743635    1.850408
316.866371   68.007333    3214.866

 COMB DB-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.273966  -604.934439   -9.719660
-607.592117   -53.462585    -2018.784
 0.25000  -13.273966  -577.313840   -9.719660
-607.592117   -49.588606    -1928.851
 0.50000  -13.273966  -549.944026   -9.719660
-607.592117   -45.794870    -1838.989
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               802

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000  -13.273966  -523.655559   -9.719660
-607.592117   -42.279738    -1749.171
 1.00000  -13.273966  -499.008988   -9.719660
-607.592117   -39.295890    -1659.649

 COMB DB-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.615673   80.522869    4.488459
440.495973   51.230953    1727.759
 0.25000   11.615673   99.183510    4.488459
440.495973   52.689341    2040.952
 0.50000   11.615673  119.629403    4.488459
440.495973   55.347557    2357.352
 0.75000   11.615673  141.491163    4.488459
440.495973   59.188191    2676.576
 1.00000   11.615673  164.107666    4.488459
440.495973   64.107537    2991.366

 COMB DB-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.269869  -550.391432   -8.465308
-532.005826   -68.533033    -1992.678
 0.25000  -16.269869  -527.374266   -8.465308
-532.005826   -65.580010    -1920.769
 0.50000  -16.269869  -504.566088   -8.465308
-532.005826   -62.926634    -1848.969
 0.75000  -16.269869  -482.659033   -8.465308
-532.005826   -60.743415    -1777.364
 1.00000  -16.269869  -462.120223   -8.465308
-532.005826   -59.421132    -1706.017

 COMB DB-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.268480   13.226078    0.732570
139.674543   36.921816   563.086039
 0.25000   10.268480   13.237191    0.732570
139.633454   36.240202   636.485277
 0.50000   10.268480   13.249250    0.732570
139.598676   35.639803   735.107995
 0.75000   10.268480   13.262023    0.732570
139.575601   35.061637   866.089738
 1.00000   10.268480   13.276634    0.732570
139.559646   34.512863    1022.442

 COMB DB-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.172036  -151.266571   -1.670612
-77.760618   -4.808999  -694.362029
 0.25000   -2.172036  -151.251804   -1.670612
-77.760618   -4.808999  -694.362029
 0.50000   -2.172036  -151.238640   -1.670612
-77.796294   -4.465634  -667.923998
 0.75000   -2.172036  -151.225930   -1.670612
-77.833737   -4.127903  -641.486858
 1.00000   -2.172036  -151.213930   -1.670612
-77.877383   -3.797244  -615.050028

 COMB DB-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.633123   16.352571    2.681438
341.659738   31.735596   791.061105
 0.25000    7.633123   16.363685    2.681438
341.618636   30.524751   932.707496
 0.50000    7.633123   16.375745    2.681438
341.583793   29.688287    1111.223
 0.75000    7.633123   16.388519    2.681438
341.560710   29.149556    1328.583
 1.00000    7.633123   16.403132    2.681438
341.544683   28.851834    1573.760

 COMB DB-G2-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.796209  -235.321084   -1.797910
-67.515950   -23.075972    -1232.576
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               803

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   -6.796209  -235.306315   -1.797910
-67.549308   -21.969817    -1199.915
 0.50000   -6.796209  -235.293149   -1.797910
-67.584996   -20.984314    -1167.380
 0.75000   -6.796209  -235.280438   -1.797910
-67.622451   -20.283488    -1134.948
 1.00000   -6.796209  -235.268437   -1.797910
-67.666113   -20.263727    -1102.516

 COMB DB-G2-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.801049   70.553964    2.710981
355.991620   50.536059    1611.306
 0.25000    9.801049   89.602405    2.710981
355.991620   51.141325    1908.645
 0.50000    9.801049  110.353281    2.710981
355.991620   52.670665    2206.242
 0.75000    9.801049  132.441325    2.710981
355.991620   55.329213    2505.316
 1.00000    9.801049  156.450538    2.710981
355.991620   59.339357    2799.109

 COMB DB-G2-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.176742  -523.180373   -7.016285
-370.518528   -47.656688    -1868.511
 0.25000  -12.176742  -498.830018   -7.016285
-370.518528   -44.663237    -1797.149
 0.50000  -12.176742  -475.920687   -7.016285
-371.852985   -41.787562    -1725.897
 0.75000  -12.176742  -453.861699   -7.016285
-405.661243   -39.185770    -1654.734
 1.00000  -12.176742  -433.111382   -7.016285
-436.217212   -37.169667    -1583.768

 COMB DB-G2-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.217913   66.383726    5.621366
477.800501   58.851355    1458.608
 0.25000   10.217913   82.248078    5.621366
477.800501   57.739162    1741.341
 0.50000   10.217913   99.530416    5.621366
477.800501   57.383503    2029.760
 0.75000   10.217913  117.926519    5.621366
477.800501   57.959275    2322.319
 1.00000   10.217913  137.921436    5.621366
477.800501   59.652686    2611.997

 COMB DB-G2-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.800770  -475.322595   -6.066531
-343.755448   -53.594755    -1835.037
 0.25000  -11.800770  -455.043488   -6.066531
-343.755448   -52.538603    -1781.817
 0.50000  -11.800770  -435.963230   -6.066531
-344.761949   -51.938283    -1728.902
 0.75000  -11.800770  -417.591246   -6.066531
-372.905480   -51.998437    -1676.119
 1.00000  -11.800770  -400.309272   -6.066531
-398.340027   -52.994346    -1623.660

 COMB DB-G3-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.356431   13.516324    5.537457
279.227248   31.236005   177.294824
 0.25000    3.356431   13.527443    5.537457
279.186074   28.648458   227.141615
 0.50000    3.356431   13.539509    5.537457
279.150911   26.067459   284.411857
 0.75000    3.356431   13.552289    5.537457
279.127787   23.514673   345.146002
 1.00000    3.356431   13.565822    5.537457
279.111401   21.008058   408.369497
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               804

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.501634   -55.704414   -0.449593
-61.836180   -14.183150  -400.883630
 0.25000   -3.501634   -55.689635   -0.449593
-61.869771   -17.399390  -412.858744
 0.50000   -3.501634   -55.676463   -0.449593
-61.905517   -21.161571  -424.660299
 0.75000   -3.501634   -55.663747   -0.449593
-61.943031   -25.450249  -437.026327
 1.00000   -3.501634   -55.651740   -0.449593
-61.986768   -30.260272  -449.533827

 COMB DB-G3-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.598510   17.860965    8.483157
476.144819   42.667371   357.239625
 0.25000    5.598510   17.872077    8.483157
476.103731   38.922493   463.156489
 0.50000    5.598510   17.884136    8.483157
476.068953   35.299549   583.323764
 0.75000    5.598510   17.896909    8.483157
476.045877   31.841244   712.688562
 1.00000    5.598510   17.911520    8.483157
476.029922   28.483988   849.703830

 COMB DB-G3-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.932388  -122.818595   -1.180661
-82.983750   -51.640089  -619.143425
 0.25000  -10.932388  -122.803828   -1.180661
-82.983750   -51.640089  -829.326117
 0.50000  -10.932388  -122.790663   -1.180661
-83.019426   -54.863190  -839.900968
 0.75000  -10.932388  -122.777953   -1.180661
-83.056869   -58.706951  -850.806829
 1.00000  -10.932388  -122.765953   -1.180661
-83.100515   -63.334578  -861.961268

 COMB DB-G3-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.086549   20.30948    7.699493
561.309856   42.978393   682.045354
 0.25000    6.086549   20.319421   7.699493
561.272864   39.478196   847.010090
 0.50000    6.086549   20.330275   7.699493
561.241506   36.323652    1041.189
 0.75000    6.086549   20.341771   7.699493
561.220731   33.448393    1258.842
 1.00000    6.086549   20.354923   7.699493
561.206307   30.781942    1493.920

 COMB DB-G3-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.489632  -218.412622   -1.199860
-75.534001   -32.784831    -1314.705
 0.25000   -8.489632  -218.399330   -1.199860
-75.564023   -35.126430    -1306.195
 0.50000   -8.489632  -218.387481   -1.199860
-75.596143   -38.182550    -1298.097
 0.75000   -8.489632  -218.376041   -1.199860
-75.629852   -42.100924    -1290.298
 1.00000   -8.489632  -218.365240   -1.199860
-75.669147   -47.149221    -1282.735

 COMB DB-G3-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.970151   54.376756    6.822688
562.916794   66.386214    1243.444
 0.25000   11.970151   65.627274    6.822688
542.271030   63.451566    1489.221
 0.50000   11.970151   77.853268    6.822688
521.395803   61.250099    1750.148
 0.75000   11.970151   90.833778    6.822688
519.687313   59.598206    2023.977
 1.00000   11.970151  105.323320    6.822688
519.687313   58.706879    2303.119
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               805

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.505887  -401.421430   -4.442953
-242.199260   -43.071980    -1700.052
 0.25000  -10.505887  -386.753320   -4.442953
-248.375528   -43.816230    -1662.410

 0.50000  -10.505887  -373.333103   -4.442953
-273.759828   -45.147648    -1625.117
 0.75000  -10.505887  -360.393217   -4.442953
-297.840017   -47.174050    -1588.079
 1.00000  -10.505887  -348.198266   -4.442953
-326.521630   -50.176892    -1551.337

 COMB DL-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.333909   60.832808    0.670112
106.064214   20.223812    1071.865
 0.25000    7.333909   73.765382    0.670112
106.064214   22.998638    1230.232
 0.50000    7.333909   88.153354    0.670112
106.064214   27.223704    1388.874
 0.75000    7.333909  103.572100    0.670112
106.064214   33.010607    1546.315
 1.00000    7.333909  119.564359    0.670112
106.064214   39.861328    1702.854

 COMB DL-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.507752  -406.535984   -11.315950
-722.668410   -88.588364    -1592.636
 0.25000  -18.507752  -382.777967   -11.315950
-714.163070   -79.329391    -1378.177
 0.50000  -18.507752  -359.317007   -11.315950
-705.657729   -70.921541    -1200.644
 0.75000  -18.507752  -336.646016   -11.315950
-697.152389   -63.315682    -1063.478
 1.00000  -18.507752  -315.192490   -11.315950
-688.647049   -56.402232   -976.598796

 COMB DL-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.431774   87.622119    1.385003
204.646221   65.293734    1699.384
 0.25000   16.431774  103.641619    1.385003
204.646221   68.678480    1928.620
 0.50000   16.431774  121.458221    1.385003
204.646221   73.663388    2185.586
 0.75000   16.431774  140.597945    1.385003
204.646221   80.316731    2475.712
 1.00000   16.431774  160.489189    1.385003
204.646221   88.416519    2781.041

 COMB DL-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -22.100912  -618.748088   -14.725871
-861.093043  -103.687170    -2626.875
 0.25000  -22.100912  -589.857903   -14.725871
-857.796607   -92.474483    -2289.816
 0.50000  -22.100912  -561.394780   -14.725871
-854.500170   -82.300266    -2016.767
 0.75000  -22.100912  -533.941858   -14.725871
-851.203733   -73.108713    -1819.899
 1.00000  -22.100912  -508.025885   -14.725871
-847.907296   -64.773961    -1694.110

 COMB DL-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.312643   82.720167    2.519277
375.105951   59.071741    1903.375
 0.25000   14.312643   97.460256    2.519277
375.105951   61.104699    2192.130
 0.50000   14.312643  113.856517    2.519277
375.105951   64.727575    2521.395
 0.75000   14.312643  131.472579    2.519277
375.105951   69.988802    2897.265
 1.00000   14.312643  149.784729    2.519277
375.105951   76.686372    3288.075
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD          >
                               806

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -21.841555  -680.526342   -13.323126
-760.345983   -96.686257    -3145.907
 0.25000  -21.841555  -653.989749   -13.323126
-757.978521   -86.481343    -2773.940
 0.50000  -21.841555  -627.851595   -13.323126
-755.611058   -77.267516    -2495.681
 0.75000  -21.841555  -602.669785   -13.323126
-753.243595   -69.207575    -2303.812
 1.00000  -21.841555  -578.857586   -13.323126
-750.876133   -62.327479    -2176.231

 COMB DL-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.455522   75.746893    5.954845
535.503245   70.583659    1811.235
 0.25000   14.455522   88.033428    5.954845
535.503245   69.480595    2130.347
 0.50000   14.455522  101.700458    5.954845
535.503245   69.945244    2430.627
 0.75000   14.455522  116.384246    5.954845
535.503245   72.010299    2803.905
 1.00000   14.455522  131.648256    5.954845
535.503245   75.521143    3190.282

 COMB DL-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.671520  -625.147196   -11.510412
-664.403088   -103.003868    -2716.897
 0.25000  -23.671520  -603.027738   -11.510412
-662.519701   -95.354776    -2716.070
 0.50000  -23.671520  -581.240398   -11.510412
-660.546313   -88.870225    -2486.353
 0.75000  -23.671520  -560.250215   -11.510412
-658.572925   -83.673871    -2329.183
 1.00000  -23.671520  -540.401563   -11.510412
-656.599537   -79.789438    -2225.629

 COMB DL-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.095573   15.366882    0.743584
143.047897   44.522343   591.937293
 0.25000    9.095573   15.372181    0.743584
143.030548   44.530111   664.288513
 0.50000    9.095573   15.378070    0.743584
143.014017   44.675472   774.502614
 0.75000    9.095573   15.384433    0.743584
142.998709   44.938648   926.033697
 1.00000    9.095573   15.391119    0.743584
142.984998   45.298925    1094.681

 COMB DL-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.838615  -187.890805   -2.034845
-76.633802    -8.685435    -1074.917
 0.25000   -2.838615  -187.882070   -2.034845
-76.650206    -7.751895    -957.554091
 0.50000   -2.838615  -187.873566   -2.034845
-76.666339    -6.952670    -873.137676
 0.75000   -2.838615  -187.865441   -2.034845
-76.687745    -6.277030    -825.757626
 1.00000   -2.838615  -187.857848   -2.034845
-76.708074    -5.696831    -792.607341

 COMB DL-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.292174   20.503684    3.338590
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391.717877    43.405316   949.095859
  0.25000     8.292174    20.508983     3.338590
391.700528    41.511569    1097.054
  0.50000     8.292174    20.514872     3.338590
391.683997    40.005106    1304.075
  0.75000     8.292174    20.521235     3.338590
391.668689    38.868606    1565.645
  1.00000     8.292174    20.527921     3.338590
391.654978    38.134225    1846.401
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 807

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.022602  -299.214750   -2.198063
-72.322636  -24.792841   -1807.678
 0.25000   -8.022602  -299.206014   -2.198063
-72.339040  -23.875496   -1640.886
 0.50000   -8.022602  -299.197511   -2.198063
-72.357173  -23.270663   -1539.260
 0.75000   -8.022602  -299.189386   -2.198063
-72.376579  -23.147943   -1484.958
 1.00000   -8.022602  -299.181793   -2.198063
-72.396907  -23.595536   -1443.397

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   13.102856   66.180859     3.451425
439.924300   62.124580    1671.832
 0.25000   13.102856   79.697994     3.451425
414.946922   62.258665    1939.380
 0.50000   13.102856   94.681403     3.451425
414.203062   63.729516    2251.931
 0.75000   13.102856   110.846665    3.451425
414.185058   66.317252    2602.905
 1.00000   13.102856   127.756405    3.451425
414.177676   69.936841    2963.313

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -17.224693  -595.840354   -9.309752
-449.374499  -70.312926   -2926.681
 0.25000  -17.224693  -572.618130   -9.309752
-458.270228  -63.942760   -2564.241
 0.50000  -17.224693  -549.894532   -9.309752
-474.401826  -58.367722   -2358.833
 0.75000  -17.224693  -528.075526   -9.309752
-510.958379  -53.697821   -2219.114
 1.00000  -17.224693  -507.596993   -9.309752
-546.526751  -49.968847   -2066.798

 COMB DL-G2-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   13.784521   64.944124     7.610752
602.541147   81.358229    1617.242
 0.25000   13.784521   76.201343     7.610752
581.739710   77.706256    1889.741
 0.50000   13.784521   88.675691     7.610752
581.120216   75.451788    2202.872
 0.75000   13.784521   102.142300    7.610752
581.105222   74.337075    2548.515
 1.00000   13.784521   116.224918    7.610752
581.099074   74.359603    2902.420

 COMB DL-G2-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -17.188590  -547.408351   -8.059650
-417.976584  -71.722079   -2814.544
 0.25000  -17.188590  -528.068626   -8.059650
-425.385045  -67.780271   -2516.938
 0.50000  -17.188590  -509.144164   -8.059650
-438.819617  -64.917374   -2352.820
 0.75000  -17.188590  -490.973055   -8.059650
-469.264318  -63.259952   -2243.395
 1.00000  -17.188590  -473.918306   -8.059650
-498.886051  -62.847684   -2123.452

 COMB DL-G3-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   5.493405    17.792744     8.005654
364.244683   56.256803    1350.589119
 0.25000   5.493405    17.798039     8.005654
364.227397   49.739336    421.763330
 0.50000   5.493405    17.803923     8.005654
364.210927   43.753495    495.387616
 0.75000   5.493405    17.810280     8.005654
364.195677   38.305630    570.275979
 1.00000   5.493405    17.816959     8.005654
364.182020   33.350026    645.863048
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 808

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -4.299976   -72.168783    -0.548037
-78.457484  -14.565619   -548.281785
 0.25000   -4.299976   -72.160052    -0.548037
-78.473847  -16.990961   -560.373248
 0.50000   -4.299976   -72.151553    -0.548037
-78.491936  -20.196461   -573.800498
 0.75000   -4.299976   -72.143432    -0.548037
-78.511295  -24.180209   -587.623952
 1.00000   -4.299976   -72.135843    -0.548037
-78.531573  -28.873795   -601.482356

 COMB DL-G3-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   8.027566    23.813740    11.664557
615.330531   74.863230    641.739237
 0.25000   8.027566    23.819037    11.664557
615.313218   68.029109    776.810565
 0.50000   8.027566    23.824923    11.664557
615.296721   58.029506    930.462591
 0.75000   8.027566    23.831283    11.664557
615.281446   50.813658    1092.006
 1.00000   8.027566    23.837965    11.664557
615.267766   44.269017    1255.523

 COMB DL-G3-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -12.163633  -158.268542   -1.242387
-102.131816  -48.016694   -1148.868
 0.25000  -12.163633  -158.259809   -1.242387
-102.148195  -50.998244   -1138.498
 0.50000  -12.163633  -158.251308   -1.242387
-102.166303  -54.998459   -1144.247
 0.75000  -12.163633  -158.243186   -1.242387
-102.185682  -60.004412   -1154.618
 1.00000  -12.163633  -158.235595   -1.242387
-102.205982  -65.915308   -1162.682

 COMB DL-G3-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   9.211241    26.908643    10.707868
691.498150   76.739978    1009.227
 0.25000   9.211241    26.965841    10.707868
691.311169   68.370883    1202.040
 0.50000   9.211241    27.029412    10.707868
691.133004   60.944082    1438.156
 0.75000   9.211241    27.098100    10.707868
690.968038   54.412941    1706.084
 1.00000   9.211241    27.170265    10.707868
690.820293   48.617878    1983.604

 COMB DL-G3-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -10.617567  -282.213074   -1.402524
-94.737744  -33.232764   -1864.980
 0.25000  -10.617567  -282.118758   -1.402524
-94.914644  -35.750941   -1765.741
 0.50000  -10.617567  -282.026950   -1.402524
-95.110212  -39.196449   -1717.805
 0.75000  -10.617567  -281.939227   -1.402524
-95.319505  -43.612585   -1700.794
 1.00000  -10.617567  -281.857242   -1.402524
-95.538741  -48.922647   -1688.979

 COMB DL-G3-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.237277   56.599892     9.455663
697.924655   96.271908    1464.534
 0.25000   15.237277   64.919122     9.455663
675.590513   90.212839    1714.946
 0.50000   15.237277   74.145365     9.455663
654.305132   85.314414    2006.388
 0.75000   15.237277   84.105490     9.455663
635.005230   81.704114    2331.923
 1.00000   15.237277   94.558185     9.455663
634.690135   79.175828    2667.141
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 809

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.447558  -472.367242   -5.771365
-292.996141   -54.053470   -2564.854
 0.25000  -14.447558  -458.402224   -5.771365
-315.602044   -52.898378   -2363.019
 0.50000  -14.447558  -444.785762   -5.771365
-341.149975   -52.875789   -2232.904
 0.75000  -14.447558  -431.743901   -5.771365
-368.589697   -53.960439   -2151.804
 1.00000  -14.447558  -419.524727   -5.771365
-397.054474   -56.187714   -2094.103

 COMB     DB ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   15.312931   97.691582     8.483157
562.916794   66.386214    1925.768
 0.25000   15.312931   122.061987    8.483157
561.272864   63.451566    2252.197
 0.50000   15.312931   148.770537    8.483157
561.241506   66.875159    2576.423
 0.75000   15.312931   177.334458    8.483157
561.206331   73.244057    2855.634
 1.00000   15.312931   206.820736    8.483157
561.206307   80.823054    3214.866

 COMB     DB ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.269869  -604.934439   -10.816391
-695.987883  -68.533033   -2018.784
 0.25000  -16.269869  -577.313840   -10.816391
-695.987883  -65.580010   -1928.851
 0.50000  -16.269869  -549.944026   -10.816391
-695.987883  -62.926634   -1848.969
 0.75000  -16.269869  -523.655593   -10.816391
-695.987883  -60.743415   -1777.364
 1.00000  -16.269869  -499.008988   -10.816391
-695.987883  -63.334578   -1706.017

 COMB     DL ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   16.431774   87.622119    11.664557
697.924655   96.271908    1909.375
 0.25000   16.431774   103.641619   11.664557
691.311169   90.212839    2192.130
 0.50000   16.431774   121.458221   11.664557
691.133004   85.314414    2521.395
 0.75000   16.431774   140.597945   11.664557
690.968038   81.704114    2897.265
 1.00000   16.431774   160.489189   11.664557
690.820293   88.416519    3288.075

 COMB     DL ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -23.671520  -680.526342   -14.725871
-861.093043  -103.687170   -3145.907
 0.25000  -23.671520  -653.989749   -14.725871
-857.796607   -95.354776   -2773.940
 0.50000  -23.671520  -627.851595   -14.725871
-854.500170   -88.870225   -2495.681
 0.75000  -23.671520  -602.669785   -14.725871
-851.203733   -83.673871   -2329.183
 1.00000  -23.671520  -578.857586   -14.725871
-847.907296   -79.789438   -2225.629

 COMB     CAR ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   16.431774   97.691582    11.664557
697.924655   96.271908    1925.768
 0.25000   16.431774   122.061987   11.664557
691.311169   90.212839    2252.197
 0.50000   16.431774   148.770537   11.664557
691.133004   85.314414    2576.423
 0.75000   16.431774   177.334458   11.664557
690.968038   81.704114    2899.634
 1.00000   16.431774   206.820736   11.664557
690.820293   88.416519    3288.075
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 810

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -23.671520  -680.526342   -14.725871
-861.093043  -103.687170   -3145.907
 0.25000  -23.671520  -653.989749   -14.725871
-857.796607   -95.354776   -2773.940
 0.50000  -23.671520  -627.851595   -14.725871
-854.500170   -88.870225   -2495.681
 0.75000  -23.671520  -602.669785   -14.725871
-851.203733   -83.673871   -2329.183
 1.00000  -23.671520  -578.857586   -14.725871
-847.907296   -79.789438   -2225.629

 COMB  DESIGN ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   16.431774   97.691582    11.664557
697.924655   96.271908    1925.768
 0.25000   16.431774   122.061987   11.664557
691.311169   90.212839    2252.197
 0.50000   16.431774   148.770537   11.664557
691.133004   85.314414    2576.423
 0.75000   16.431774   177.334458   11.664557
690.968038   81.704114    2899.634
 1.00000   16.431774   206.820736   11.664557
690.820293   88.416519    3288.075

 COMB  DESIGN ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -23.671520  -680.526342   -14.725871
-861.093043  -103.687170   -3145.907
 0.25000  -23.671520  -653.989749   -14.725871
-857.796607   -95.354776   -2773.940
 0.50000  -23.671520  -627.851595   -14.725871
-854.500170   -88.870225   -2495.681
 0.75000  -23.671520  -602.669785   -14.725871
-851.203733   -83.673871   -2329.183
 1.00000  -23.671520  -578.857586   -14.725871
-847.907296   -79.789438   -2225.629

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=     4.988004

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   5.138886   105.930613    0.709601
24.311134   41.933721    1825.882
 0.25000   5.138886   125.791673    0.709601
24.311134   45.962178    1982.124
 0.50000   5.138886   147.606049    0.709601
24.311134   51.075675    2109.274
 0.75000   5.138886   170.867516    0.709601
24.311134   57.376146    2206.997
 1.00000   5.138886   194.224009    0.709601
24.311134   64.756783    2278.079

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -11.505143  -343.443535   -8.346320
-513.454458  -35.629485  -753.901238
 0.25000  -11.505143  -319.805370   -8.346320
-513.454458  -31.656500  -715.085627
 0.50000  -11.505143  -295.804484   -8.346320
-513.454458  -27.688916  -676.270156
 0.75000  -11.505143  -272.867203   -8.346320
-513.454458  -23.725856  -637.454726
 1.00000  -11.505143  -251.508867   -8.346320
-513.454458  -19.765152  -598.639295

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.769193   146.923335    3.787304
99.238088   81.800573    2900.405
 0.25000   14.769193   172.043505    3.787304
99.238088   82.983626    3119.388
 0.50000   14.769193   199.532375    3.787304
99.238088   83.787021    3322.011
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 811

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   14.769193   228.814156    3.787304
99.238088   87.445911    3511.918
 1.00000   14.769193   258.945052    3.787304
99.238088   93.906805    3686.481

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.331623  -510.611664   -10.720033
-660.329267   -42.623186   -1307.550
 0.25000  -14.331623  -480.129268   -10.720033
-660.329267   -38.173683   -1244.381
 0.50000  -14.331623  -449.997400   -10.720033
-660.329267   -33.739331   -1181.213
 0.75000  -14.331623  -421.161748   -10.720033
-660.329267   -29.370447   -1118.046
 1.00000  -14.331623  -394.230875   -10.720033
-660.329267   -25.047230   -1054.879

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.953917   132.515163    3.453986
231.755861   69.972492    3215.879
 0.25000   10.953917   155.595121    3.453986
231.755861   71.139421    3477.236
 0.50000   10.953917   180.845871    3.453986
231.755861   73.865920    3731.350
 0.75000   10.953917   207.738836    3.453986
231.755861   78.434623    3978.507
 1.00000   10.953917   235.471084    3.453986
231.755861   85.327084    4213.430

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.354813  -540.729459    -9.936730
-605.471576  -39.674213   -1659.896
 0.25000  -14.354813  -512.676423    -9.936730
-605.471576  -35.211932   -1587.902
 0.50000  -14.354813  -485.006787    -9.936730
-605.471576  -31.109436   -1515.908
 0.75000  -14.354813  -458.523966    -9.936730
-605.471576  -27.514436   -1443.914
 1.00000  -14.354813  -433.786679    -9.936730
-605.471576  -24.367221   -1371.920

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.931744   112.832678    5.614895
346.262058   66.024841    2991.448
 0.25000   10.931744   132.065976    5.614895
346.262058   65.812517    3250.601
 0.50000   10.931744   153.108268    5.614895
346.262058   66.977973    3505.728
 0.75000   10.931744   175.519073    5.614895
346.262058   69.750522    3755.567
 1.00000   10.931744   198.629279    5.614895
346.262058   74.607739    3997.405

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -17.268336  -491.525992   -10.169048
-509.385267   -59.453587   -1706.154
 0.25000  -17.268336  -468.148462   -10.169048
-509.385267   -54.468284   -1641.730
 0.50000  -17.268336  -445.090432   -10.169048
-509.385267   -50.156615   -1577.367
 0.75000  -17.268336  -423.021415   -10.169048
-509.385267   -47.557370   -1513.023
 1.00000  -17.268336  -402.407009   -10.169048
-509.385267   -46.174129   -1448.679

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.310363   21.621667    3.369172
123.921122   34.427085    1022.202
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 812

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000   10.310363   21.633111    3.369172
123.880989   30.466176    1076.836
 0.50000   10.310363   21.645495    3.369172
123.846603   26.577101    1155.398
 0.75000   10.310363   21.658577    3.369172
123.823701   23.087410    1263.320
 1.00000   10.310363   21.673486    3.369172
123.801768   20.868881    1395.038

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -2.555826  -131.264192   -1.365504
-125.982276   -4.158179   -615.092879
 0.25000   -2.555826  -131.249177   -1.365504
-126.014353   -4.075640   -590.533555
 0.50000   -2.555826  -131.235817   -1.365504
-126.048800   -4.007362   -565.974314
 0.75000   -2.555826  -131.222951   -1.365504
-126.085082   -3.972944   -541.415171
 1.00000   -2.555826  -131.210838   -1.365504
-126.127608   -4.000209   -516.856029

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   7.447536    22.478708     4.162503
302.359662   30.195247    1572.719
 0.25000   7.447536    22.490153     4.162503
302.321615   27.105028    1680.414
 0.50000   7.447536    22.502538     4.162503
302.285119   24.395163    1839.260
 0.75000   7.447536    22.515621     4.162503
302.262160   22.333650    2022.729
 1.00000   7.447536    22.530532     4.162503
302.240219   21.713740    2230.718

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.457403  -204.550042   -2.956349
-124.806889   -19.751233   -1612.529
 0.25000   -7.457403  -204.535025   -2.956349
-124.908977   -17.544954   -1065.354
 0.50000   -7.457403  -204.521663   -2.956349
-124.943437   -15.777221   -1028.183
 0.75000   -7.457403  -204.508797   -2.956349
-124.979730   -15.663575   -991.038326
 1.00000   -7.457403  -204.496882   -2.956349
-125.022271   -16.589013   -953.893189

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   9.245860    100.632491    5.197803
318.475278   61.161844    2799.067
 0.25000   9.245860    120.233341    5.197803
291.324120   59.828970    3044.329
 0.50000   9.245860    141.567048    5.197803
282.364686   59.858567    3284.330
 0.75000   9.245860    164.198983    5.197803
282.363490   61.730037    3519.577
 1.00000   9.245860    188.715673    5.197803
282.363490   65.454417    3745.206

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -13.194081  -468.651157   -7.956119
-381.665253   -37.323435   -1583.920
 0.25000  -13.194081  -443.905788   -7.956119
-381.665253   -33.311480   -1520.954
 0.50000  -13.194081  -420.702331   -7.956119
-397.008093   -29.720718   -1457.992
 0.75000  -13.194081  -398.429369   -7.956119
-428.798087   -27.712083   -1395.052
 1.00000  -13.194081  -377.544699   -7.956119
-457.313098   -26.314103   -1332.113
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                 813

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   9.603617    86.185035     7.629717
422.027798   61.294658    2611.156
 0.25000   9.603617    102.509490    7.629717
399.425185   58.613062    2852.996
 0.50000   9.603617    120.277262    7.629717
392.085480   57.069730    3091.675
 0.75000   9.603617    139.126358    7.629717
392.084483   57.058478    3327.343
 1.00000   9.603617    159.541932    7.629717
392.084483   58.622856    3555.990

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -12.711099  -425.751659    -7.403473
-327.573767   -52.814449   -1623.689
 0.25000   -12.711099  -405.143595    -7.403473
-327.573767   -50.111592   -1569.134
 0.50000   -12.711099  -385.818418    -7.403473
-340.242699   -48.286139   -1514.718
 0.75000   -12.711099  -367.268279    -7.403473
-366.705423   -48.224539   -1460.358
 1.00000   -12.711099  -349.874471    -7.403473
-390.441052   -49.464289   -1405.999

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   3.099995    3.597249     5.570712
241.971174   21.167183    407.138259
 0.25000   3.099995    3.608700     5.570712
241.930956   18.350679    460.949033
 0.50000   3.099995    3.621091     5.570712
241.886504   15.593323    516.487901
 0.75000   3.099995    3.634180     5.570712
241.873263   12.928067    573.498318
 1.00000   3.099995    3.649101     5.570712
241.851281   10.386998    631.574684

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.187986   -50.448223    -0.611984
-20.595271   -29.797236   -449.359864
 0.25000   -3.187986   -50.433195    -0.611984
-20.627417   -32.093129   -448.023112
 0.50000   -3.187986   -50.419828    -0.611984
-20.661934   -35.072117   -446.693504
 0.75000   -3.187986   -50.406955    -0.611984
-20.698286   -38.741597   -445.605850
 1.00000   -3.187986   -50.394835    -0.611984
-20.740902   -43.205600   -444.559285

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   5.177510    7.165401     8.257569
414.150779   29.170021    847.660247
 0.25000   5.177510    7.176845     8.257569
414.110646   25.292514    954.326634
 0.50000   5.177510    7.189229     8.257569
414.076261   21.596897    1066.470
 0.75000   5.177510    7.202311     8.257569
414.053359   18.173927    1183.660
 1.00000   5.177510    7.217220     8.257569
414.031425   15.193087    1305.631

 COMB DB-G3-2 ------------------ MIN
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```
 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -10.696937 -109.354587    -3.298212
-25.400730   -62.615044 -861.739846
 0.25000   -10.696937 -109.339572    -3.298212
-25.432807   -61.796698 -851.670981
 0.50000   -10.696937 -109.326211    -3.298212
-25.467255   -61.852298 -841.668071
 0.75000   -10.696937 -109.313346    -3.298212
-25.503537   -64.196171 -831.936220
 1.00000   -10.696937 -109.301232    -3.298212
-25.546063   -68.697882 -822.229949
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        814

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    5.622858   10.772329    7.824988
491.055035   32.227163    1491.713
 0.25000    5.622858   10.782630    7.824988
491.018903   28.450052    1645.240
 0.50000    5.622858   10.793777    7.824988
490.987946   25.037649    1812.814
 0.75000    5.622858   10.805551    7.824988
490.967283   21.986490    2008.193
 1.00000    5.622858   10.818971    7.824988
490.947536   19.413522    2212.298

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -8.627637 -191.370896    -2.341528
-74.872754   -46.054300   -1282.554
 0.25000   -8.627637 -191.357381    -2.341528
-74.901634   -46.427566   -1265.010
 0.50000   -8.627637 -191.345355    -2.341528
-74.932648   -48.190395   -1227.529
 0.75000   -8.627637 -191.333776    -2.341528
-74.965312   -52.015655   -1200.285
 1.00000   -8.627637 -191.322872    -2.341528
-75.003599   -57.160177   -1173.062

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.608323   63.941297    9.229411
504.502189   60.150446    2301.654
 0.25000   11.608323   75.518569    9.229411
481.730099   55.620168    2516.398
 0.50000   11.608323   88.080671    9.229411
461.773095   51.918227    2736.907
 0.75000   11.608323  101.378392    9.229411
441.732984   49.470941    2963.795
 1.00000   11.608323  116.167882    9.229411
439.160087   48.697311    3191.517

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -10.969045 -359.163133    -5.234613
-230.466201   -49.753720   -1551.274
 0.25000  -10.969045 -344.252779    -5.234613
-248.036592   -48.963835   -1505.398
 0.50000  -10.969045 -330.646080    -5.234613
-272.191980   -49.139862   -1459.574
 0.75000  -10.969045 -317.564002    -5.234613
-295.144370   -51.167943   -1413.947
 1.00000  -10.969045 -305.271159    -5.234613
-329.856798   -54.594371   -1368.338

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    6.717058   83.594230    0.938713
 34.482193   41.987603    1705.262
 0.25000    6.717058   98.110132    0.938713
 34.482193   46.234846    1896.815
 0.50000    6.717058  114.042009    0.938713
 34.482193   52.049181    2056.755
 0.75000    6.717058  130.972190    0.938713
 34.482193   57.184776    2184.279
 1.00000    6.717058  148.481616    0.938713
 34.482193   67.978310    2279.654

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -18.766121 -336.939214   -12.173072
-596.713801   -57.305785 -976.797340
 0.25000  -18.766121 -314.275954   -12.173072
-588.207964   -48.669621 -927.678511
 0.50000  -18.766121 -291.997294   -12.173072
-579.702127   -40.935526 -878.640101
 0.75000  -18.766121 -270.525320   -12.173072
-571.196290   -33.964836 -829.595801
 1.00000  -18.766121 -250.340427   -12.173072
-562.690453   -27.624629 -780.571267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        815

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.728951  120.818886    4.544077
106.160400   91.278958    2783.725
 0.25000   15.728951  138.664170    4.544077
106.160400   92.579312    3069.025
 0.50000   15.728951  158.288884    4.544077
106.160400   95.633439    3327.507
 0.75000   15.728951  179.169870    4.544077
106.160400  100.354403    3565.265
 1.00000   15.728951  200.808263    4.544077
106.160400  107.283268    3768.988

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -22.554252 -513.839921   -14.597932
-738.142710   -66.219068   -1694.392
 0.25000  -22.554252 -486.179010   -14.597932
-734.846080   -56.816641   -1614.542
 0.50000  -22.554252 -459.046036   -14.597932
-731.549451   -48.493274   -1534.555
 0.75000  -22.554252 -432.941682   -14.597932
-728.252822   -41.285554   -1454.571
 1.00000  -22.554252 -408.447928   -14.597932
-724.956192   -34.469886   -1374.640

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.596681  111.708146    4.634649
259.255452   80.039317    3289.729
 0.25000   13.596681  128.117461    4.634649
259.255452   81.320975    3636.693
 0.50000   13.596681  146.165705    4.634649
259.255452   84.536595    3959.701
 0.75000   13.596681  165.373914    4.634649
259.255452   89.679632    4262.197
 1.00000   13.596681  185.281001    4.634649
259.255452   96.895796    4535.417

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -22.597848 -566.918878   -13.578753
-671.798002   -63.160942   -2176.503
 0.25000  -22.597848 -541.501855   -13.578753
-669.430401   -54.445540   -2084.418
 0.50000  -22.597848 -516.575710   -13.578753
-667.062800   -47.066810   -1992.217
 0.75000  -22.597848 -492.599090   -13.578753
-664.695199   -41.181780   -1900.043
 1.00000  -22.597848 -470.106235   -13.578753
-662.327598   -36.453067   -1807.837

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.682034   96.534456    7.197235
400.953058   78.790673    3190.730
 0.25000   13.682034  110.212367    7.197235
400.953058   77.720557    3529.346
 0.50000   13.682034  125.256399    7.197235
400.953058   78.562632    3848.714
 0.75000   13.682034  141.267315    7.197235
400.953058   81.319217    4151.559
 1.00000   13.682034  157.860778    7.197235
400.953058   86.155208    4430.390

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -24.390294 -525.426255   -13.133209
-565.794093   -80.306089   -2225.792
 0.25000  -24.390294 -504.240010   -13.133209
-563.820590   -72.302546   -2142.818
 0.50000  -24.390294 -483.462935   -13.133209
-561.847087   -65.930267   -2059.760
 0.75000  -24.390294 -463.477331   -13.133209
-559.873584   -61.573420   -1976.739
 1.00000  -24.390294 -444.728514   -13.133209
-557.900081   -58.758021   -1893.686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        816

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    9.106872   22.440913    3.729056
121.026610   45.899704    1094.498
 0.25000    9.106872   22.446608    3.729056
121.009593   42.147654    1188.758
 0.50000    9.106872   22.452905    3.729056
120.993350   38.494444    1295.797
 0.75000    9.106872   22.459657    3.729056
120.978303   34.922792    1419.518
 1.00000    9.106872   22.466729    3.729056
120.964879   32.029306    1546.960

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -3.121164 -154.110261   -1.379684
-106.991699   -6.045138 -792.649011
 0.25000   -3.121164 -154.101740   -1.379684
-107.007957   -5.833284 -761.566858
 0.50000   -3.121164 -154.093481   -1.379684
-107.025862   -5.716459 -730.506085
 0.75000   -3.121164 -154.085609   -1.379684
-107.045068   -5.687275 -699.412220
 1.00000   -3.121164 -154.078287   -1.379684
-107.065135   -5.789249 -668.359438

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.124854   25.815951    4.780804
330.977105   39.548722    1845.172
 0.25000    8.124854   25.821646    4.780804
330.960088   35.997115    2024.886
 0.50000    8.124854   25.827943    4.780804
330.943844   33.046411    2218.143
 0.75000    8.124854   25.834694    4.780804
330.928798   30.676258    2427.843
 1.00000    8.124854   25.841766    4.780804
330.915374   29.470711    2645.062

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -8.618272 -251.154861   -2.971900
-106.298967   -23.190934   -1843.438
 0.25000   -8.618272 -251.146341   -2.971900
-106.315225   -21.537525   -1395.069
 0.50000   -8.618272 -251.138081   -2.971900
-106.333130   -20.582983   -1346.702
 0.75000   -8.618272 -251.130210   -2.971900
-106.352336   -20.877208   -1298.391
 1.00000   -8.618272 -251.122888   -2.971900
-106.372403   -22.217628   -1250.013

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.700146   86.848690    5.760449
356.401860   72.725554    2963.680
 0.25000   12.700146  101.599223    5.760449
330.119323   71.708452    3287.431
 0.50000   12.700146  117.862306    5.760449
311.141682   72.175985    3590.332
 0.75000   12.700146  135.231416    5.760449
311.128263   73.882229    3872.598
 1.00000   12.700146  153.350735    5.760449
311.126684   77.064868    4128.458

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -17.965475 -502.434273    -9.650403
-407.530300   -50.410317   -2066.969
 0.25000  -17.965475 -480.012486    -9.650403
-415.972582   -44.680395   -1985.908
 0.50000  -17.965475 -458.122494    -9.650403
-440.009947   -40.072145   -1905.055
 0.75000  -17.965475 -437.191610    -9.650403
-476.121066   -36.977850   -1824.066
 1.00000  -17.965475 -417.631580    -9.650403
-511.085162   -35.119853   -1743.022
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        817

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.147355   75.978832    9.264630
494.593115   77.234220    2901.736
 0.25000   13.147355   88.263238    9.264630
472.184728   73.202083    3216.918
 0.50000   13.147355  101.807313    9.264630
456.379938   70.835050    3515.026
 0.75000   13.147355  116.272499    9.264630
456.368763   69.937135    3796.182
 1.00000   13.147355  131.362469    9.264630
456.367449   70.649989    4055.766

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -17.725967 -465.346147    -8.864292
-351.512135   -63.214251   -2123.488
 0.25000  -17.725967 -446.673036    -8.864292
-358.542960   -59.434508   -2052.505
 0.50000  -17.725967 -428.442808    -8.864292
-378.636497   -57.242672   -1981.770
 0.75000  -17.725967 -411.011337    -8.864292
-408.635282   -56.949352   -1910.926
 1.00000  -17.725967 -394.721529    -8.864292
-437.753767   -58.261344   -1840.013

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    4.938598   6.469714    8.192188
306.126959   34.166076  644.345229
 0.25000    4.938598   6.475405    8.192188
306.110004   28.197002  708.902521
 0.50000    4.938598   6.481697    8.192188
306.093819   22.891648  773.887978
 0.75000    4.938598   6.488443    8.192188
306.078828   18.25374   839.430257
 1.00000    4.938598   6.495509    8.192188
306.065456   14.272120  905.190220

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -3.914694 -66.362073    -0.784147
-25.639816   -28.937943 -601.280617
 0.25000   -3.914694 -66.353558    -0.784147
-25.656031   -31.649391 -598.277197
 0.50000   -3.914694 -66.345304    -0.784147
-25.673892   -35.282247 -595.029495
 0.75000   -3.914694 -66.337437    -0.784147
-25.693048   -39.877932 -592.158715
 1.00000   -3.914694 -66.330118    -0.784147
-25.713064   -45.383145 -589.298587

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    7.295999   11.031128   11.137505
513.772565   45.628578    1252.980
 0.25000    7.295999   11.036821   11.137505
513.755583   38.015800    1385.085
 0.50000    7.295999   11.043115   11.137505
513.739373   31.363366    1519.016
 0.75000    7.295999   11.049863   11.137505
513.724358   25.626538    1655.432
 1.00000    7.295999   11.056932   11.137505
513.710964   20.783041    1792.887

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -11.943251 -143.337353    -3.648438
-29.915242   -65.623009   -1162.453
 0.25000  -11.943251 -143.328835    -3.648438
-29.931476   -65.974870   -1146.910
 0.50000  -11.943251 -143.320579    -3.648438
-29.949355   -67.644370   -1131.404
 0.75000  -11.943251 -143.312709    -3.648438
-29.968533   -71.214924   -1116.009
 1.00000  -11.943251 -143.305390    -3.648438
-29.988571   -76.643515   -1100.617
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        818

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.535468   16.888801   10.809974
584.170971   50.643062   1980.874
 0.25000    8.535468   16.950282   10.809974
583.987567   43.180560   2187.656
 0.50000    8.535468   17.018256   10.809974
583.812497   36.736684   2401.586
 0.75000    8.535468   17.091138   10.809974
583.650335   31.300165   2620.594
 1.00000    8.535468   17.167481   10.809974
583.505682   26.906704   2842.667

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -10.735788 -243.841275    -2.709570
-68.112673   -48.720024   -1688.802
 0.25000  -10.735788 -243.749287    -2.709570
-68.287991   -50.307033   -1651.557
 0.50000  -10.735788 -243.660117    -2.709570
-68.481091   -53.248042   -1614.355
 0.75000  -10.735788 -243.575129    -2.709570
-68.688211   -57.917606   -1577.277
 1.00000  -10.735788 -243.496075    -2.709570
-68.904620   -64.134605   -1540.160

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.544578   59.749252   11.669393
586.370454   81.748468   2665.620
 0.25000   14.544578   68.740743   11.669393
564.349007   74.562412   2940.870
 0.50000   14.544578   78.679473   11.669393
543.328541   69.117546   3224.920
 0.75000   14.544578   89.309069   11.669393
523.997333   64.828840   3491.390
 1.00000   14.544578  100.427021   11.669393
516.195927   62.058299   3743.360

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.699628 -404.235704    -6.248494
-248.207782   -45.499994   -1694.044
 0.25000  -14.699628 -390.688872    -6.248494
-270.850147   -55.653916   -2030.482
 0.50000  -14.699628 -377.504673    -6.248494
-295.960771   -56.303288   -1937.360
 0.75000  -14.699628 -364.920115    -6.248494
-322.867256   -58.658435   -1875.454
 1.00000  -14.699628 -353.116038    -6.248494
-350.833568   -62.511538   -1813.529

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.769193  146.923355    9.229411
504.502189   81.800573    3215.879
 0.25000   14.769193  172.043505    9.229411
491.018903   82.083626    3477.236
 0.50000   14.769193  199.532375    9.229411
490.987946   83.787021    3731.350
 0.75000   14.769193  228.814156    9.229411
490.967283   87.445911    3978.507
 1.00000   14.769193  258.945052    9.229411
490.947536   93.906805    4213.430

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -17.268336 -540.729459   -10.720033
-660.329267   -62.615044   -1706.154
 0.25000  -17.268336 -512.676423   -10.720033
-660.329267   -61.796698   -1641.730
 0.50000  -17.268336 -485.006767   -10.720033
-660.329267   -61.852298   -1577.367
 0.75000  -17.268336 -458.523966   -10.720033
-660.329267   -64.196171   -1513.023
 1.00000  -17.268336 -433.786679   -10.720033
-660.329267   -69.287882   -1448.679
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        819

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.728951  120.818886   11.669393
586.370454   91.278958    3289.729
 0.25000   15.728951  138.664170   11.669393
583.987567   92.579312    3636.693
 0.50000   15.728951  158.288884   11.669393
583.812497   95.633439    3959.701
 0.75000   15.728951  179.169870   11.669393
583.650335  100.354403    4262.197
 1.00000   15.728951  200.808263   11.669393
583.505682  107.283268    4535.417

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -24.390294 -566.918878   -14.597932
-738.142710   -80.306089   -2225.792
 0.25000  -24.390294 -541.501855   -14.597932
-734.846080   -72.302546   -2142.818
 0.50000  -24.390294 -516.575710   -14.597932
-731.549451   -67.644370   -2059.760
 0.75000  -24.390294 -492.599090   -14.597932
-728.252822   -71.214924   -1976.739
 1.00000  -24.390294 -470.106235   -14.597932
-724.956192   -76.643515   -1893.686

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.728951  146.923355   11.669393
586.370454   91.278958    3289.729
 0.25000   15.728951  172.043505   11.669393
583.987567   92.579312    3636.693
 0.50000   15.728951  199.532375   11.669393
583.812497   95.633439    3959.701
 0.75000   15.728951  228.814156   11.669393
583.650335  100.354403    4262.197
 1.00000   15.728951  258.945052   11.669393
583.505682  107.283268    4535.417

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -24.390294 -566.918878   -14.597932
-738.142710   -80.306089   -2225.792
 0.25000  -24.390294 -541.501855   -14.597932
-734.846080   -72.302546   -2142.818
 0.50000  -24.390294 -516.575710   -14.597932
-731.549451   -67.644370   -2059.760
 0.75000  -24.390294 -492.599090   -14.597932
-728.252822   -71.214924   -1976.739
 1.00000  -24.390294 -470.106235   -14.597932
-724.956192   -76.643515   -1893.686

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   15.728951  146.923335   11.669393
586.370454   91.278958    3289.729
 0.25000   15.728951  172.043505   11.669393
583.987567   92.579312    3636.693
 0.50000   15.728951  199.532375   11.669393
583.812497   95.633439    3959.701
 0.75000   15.728951  228.814156   11.669393
583.650335  100.354403    4262.197
 1.00000   15.728951  258.945052   11.669393
583.505682  107.283268    4535.417

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -24.390294 -566.918878   -14.597932
-738.142710   -80.306089   -2225.792
 0.25000  -24.390294 -541.501855   -14.597932
-734.846080   -72.302546   -2142.818
 0.50000  -24.390294 -516.575710   -14.597932
-731.549451   -67.644370   -2059.760
 0.75000  -24.390294 -492.599090   -14.597932
-728.252822   -71.214924   -1976.739
 1.00000  -24.390294 -470.106235   -14.597932
-724.956192   -76.643515   -1893.686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                        820

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      49 ================== LENGTH
=    4.987426

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    4.641583  130.108720    1.742949
 83.798656   65.568214    2279.506
 0.25000    4.641583  150.523458    1.742949
 83.798656   67.774076    2401.482
 0.50000    4.641583  172.878279    1.742949
 83.798656   71.099203    2492.112
 0.75000    4.641583  196.674777    1.742949
 83.798656   75.636789    2550.969
 1.00000    4.641583  220.501300    1.742949
 83.798656   81.274677    2580.890

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -11.951942 -316.859216    -7.043994
-419.491124   -20.278429   -588.636253
 0.25000  -11.951942 -292.774985    -7.043994
-419.491124   -17.606454   -569.420819
 0.50000  -11.951942 -268.367724    -7.043994
-419.491124   -14.935352   -540.223920
 0.75000  -11.951942 -245.081219    -7.043994
-419.491124   -12.265313   -511.027046
 1.00000  -11.951942 -223.433433    -7.043994
-419.491124    -9.596405   -481.830184

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.269681  186.676473    4.361260
149.919135   95.076834    3687.946
 0.25000   14.269681  212.473046    4.361260
149.919135   96.671873    3848.978
 0.50000   14.269681  240.619071    4.361260
149.919135  100.326980    3988.210
 0.75000   14.269681  270.523229    4.361260
149.919135  105.667643    4111.275
 1.00000   14.269681  301.245300    4.361260
149.919135  112.576410    4215.672

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -15.059845 -465.352852    -9.235643
-562.338498   -25.930256   -1054.875
 0.25000  -15.059845 -434.326803    -9.235643
-562.338498   -22.942187   -1005.146
 0.50000  -15.059845 -403.698252    -9.235643
-562.338498   -19.982929   -955.462091
 0.75000  -15.059845 -374.438954    -9.235643
-562.338498   -17.094017   -905.778295
 1.00000  -15.059845 -347.160891    -9.235643
-562.338498   -14.282849   -856.094512

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   10.330511  176.480633    4.092864
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258.939549    87.122976    4214.382
 0.25000    10.330511   200.180296     4.092864
258.939549    88.559745    4402.882
 0.50000    10.330511   226.032926     4.092864
258.939549    91.683249    4577.245
 0.75000    10.330511   253.495612     4.092864
258.939549    96.371133    4741.003
 1.00000    10.330511   281.768968     4.092864
258.939549   102.475659    4890.282

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.229736 -484.418354    -8.887419
-556.859375  -24.636709   -1371.937
 0.25000  -15.229736 -455.867282    -8.887419
-556.859375  -22.124167   -1311.210
 0.50000  -15.229736 -427.742553    -8.887419
-556.859375  -19.870227   -1250.525
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 821

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000  -15.229736 -400.871796    -8.887419
-556.859375  -17.655337   -1189.840
 1.00000  -15.229736 -375.816916    -8.887419
-556.859375  -15.490011   -1129.155

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.225612   149.758997     5.857102
331.462220    76.404514    3997.597
 0.25000   10.225612   169.508717     5.857102
331.462220    77.117552    4183.750
 0.50000   10.225612   191.052575     5.857102
331.462220    79.462917    4358.913
 0.75000   10.225612   213.938147     5.857102
331.462220    83.208261    4526.203
 1.00000   10.225612   237.499277     5.857102
331.462220    88.151048    4682.372

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.101657  -434.624726    -9.121297
-466.801040   -46.261662    -1448.709
 0.25000  -18.101657  -410.832166    -9.121297
-466.801040   -43.808262    -1389.497
 0.50000  -18.101657  -387.394891    -9.121297
-466.801040   -42.008162    -1330.321
 0.75000  -18.101657  -365.002594    -9.121297
-466.801040   -40.954501    -1271.165
 1.00000  -18.101657  -344.123527    -9.121297
-466.801040   -40.543552    -1212.027

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.377076   37.588517     2.332017
128.775837    1.394.881
 0.25000   10.377076   37.600226     2.332017
128.736399    19.782820    1422.767
 0.50000   10.377076   37.612862     2.332017
128.702703    19.720186    1472.299
 0.75000   10.377076   37.626175     2.332017
128.671568    20.053484    1548.883
 1.00000   10.377076   37.641362     2.332017
128.650094    20.657859    1648.357

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.809410 -110.584140    -1.275310
-150.783058    -4.249594   -516.861786
 0.25000   -2.809410 -110.568914    -1.275310
-150.814187    -4.225992   -494.820943
 0.50000   -2.809410 -110.555358    -1.275310
-150.847713    -4.230181   -472.782899
 0.75000   -2.809410 -110.542932    -1.275310
-150.883055    -4.282955   -450.745155
 1.00000   -2.809410 -110.530094    -1.275310
-150.924663    -4.433375   -428.707539

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.253000   42.787671     3.313534
276.678591    22.901910    2230.006
 0.25000    7.253000   42.799381     3.313534
276.639138    22.254647    2300.139
 0.50000    7.253000   42.812018     3.313534
276.605432    22.067976    2397.955
 0.75000    7.253000   42.825332     3.313534
276.574245    22.206859    2527.622
 1.00000    7.253000   42.840461     3.313534
276.552763    22.621594    2681.935

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.934665 -168.441920    -2.840268
-181.401013   -16.362932   -953.927678
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 822

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -7.934665 -168.426692    -2.840268
-181.432154   -16.041901   -916.705655
 0.50000   -7.934665 -168.413135    -2.840268
-181.465691   -16.094097   -879.486238
 0.75000   -7.934665 -168.400107    -2.840268
-181.501045   -16.594833   -842.266870
 1.00000   -7.934665 -168.387869    -2.840268
-181.542668   -17.515273   -805.047514

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.738246   137.405501     4.639740
321.386794    67.133468    3745.307
 0.25000    8.738246   157.500165     4.639740
292.538404    67.575746    3922.138
 0.50000    8.738246   179.306801     4.639740
262.366607    69.194043    4087.140
 0.75000    8.738246   202.380216     4.639740
250.447136    72.135888    4243.741
 1.00000    8.738246   227.314936     4.639740
250.447136    76.005525    4388.933

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.006773  -415.898864    -7.152365
-367.547373   -26.847868    -1332.140
 0.25000  -14.006773  -390.760153    -7.152365
-367.547373   -25.153378    -1275.860
 0.50000  -14.006773  -367.195243    -7.152365
-390.881959   -23.800295    -1219.622
 0.75000  -14.006773  -344.619025    -7.152365
-421.315922   -22.861457    -1163.394
 1.00000  -14.006773  -323.492764    -7.152365
-448.504682   -22.316614    -1107.166

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.960659   117.213424     6.710423
382.495352    60.233691    3555.440
 0.25000    8.960659   133.949183     6.710423
358.482625    59.564034    3729.510
 0.50000    8.960659   152.110872     6.710423
333.339759    59.930409    3894.367
 0.75000    8.960659   171.327696     6.710423
323.543148    61.510875    4053.059
 1.00000    8.960659   192.093456     6.710423
323.543148    64.328258    4202.436

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.448218 -372.757965    -7.173739
-307.070828  -49.442425   -1406.028
 0.25000  -13.448218 -351.822279    -7.173739
-307.070828  -48.372442   -1351.859
 0.50000  -13.448218 -332.196040    -7.173739
-326.388911  -48.096165   -1297.723
 0.75000  -13.448218 -313.393309    -7.173739
-351.722372  -48.719151   -1243.627
 1.00000  -13.448218 -295.748603    -7.173739
-374.353575  -50.141633   -1189.567

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.785229    4.144566     4.727971
175.643512    10.624940   630.591977
 0.25000    2.785229    4.156282     4.727971
175.603989    8.788348   669.210822
 0.50000    2.785229    4.168925     4.727971
175.570229    7.020476   708.703688
 0.75000    2.785229    4.182245     4.727971
175.538783    5.342850   749.127408
 1.00000    2.785229    4.197384     4.727971
175.517262    3.762441   790.247521
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 823

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.853211   -37.593798    -1.342680
-2.216548   -42.840282  -444.560268
 0.25000   -2.853211   -37.578553    -1.342680
-2.247745   -44.042661  -434.497242
 0.50000   -2.853211   -37.564996    -1.342680
-2.281340   -46.018334  -424.434224
 0.75000   -2.853211   -37.551963    -1.342680
-2.316751   -48.756454  -414.401990
 1.00000   -2.853211   -37.539719    -1.342680
-2.358447   -52.211970  -404.443137

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.671151    8.925302     7.194866
311.539852    15.230402    1304.023
 0.25000    4.671151    8.937011     7.194866
312.276513    13.763974    1378.924
 0.50000    4.671151    8.949647     7.194866
312.242818    11.816154    1457.224
 0.75000    4.671151    8.962960     7.194866
312.211683    10.045962    1539.539
 1.00000    4.671151    8.978087     7.194866
312.190209    8.448814    1625.113

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.443946   -83.417089    -3.631989
-18.887415   -68.613475  -822.256148
 0.25000  -10.443946   -83.401863    -3.631989
-18.918544   -68.531337  -800.067139
 0.50000  -10.443946   -83.388306    -3.631989
-18.952070   -70.112713  -777.878241
 0.75000  -10.443946   -83.375200    -3.631989
-18.987412   -73.269444  -755.728945
 1.00000  -10.443946   -83.363043    -3.631989
-19.029020   -77.875306  -733.657584

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.117725   24.893668     6.664021
395.410598    20.619904    2210.640
 0.25000    5.117725   24.904207     6.664021
395.375090    18.419420    2313.624
 0.50000    5.117725   24.915581     6.664021
395.344755    16.148394    2431.567
 0.75000    5.117725   24.927564     6.664021
395.316687    14.821662    2564.962
 1.00000    5.117725   24.941180     6.664021
395.297353    13.429265    2711.575

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.619384 -151.366921    -3.336857
-106.473904   -56.726350   -1173.097
 0.25000   -8.619384 -151.353216    -3.336857
-106.501931   -57.608295   -1135.503
 0.50000   -8.619384 -151.341015    -3.336857
-106.532114   -59.608283   -1097.909
 0.75000   -8.619384 -151.329290    -3.336857
-106.563933   -62.800046   -1060.351
 1.00000   -8.619384 -151.318275    -3.336857
-106.601393   -67.083624   -1022.864

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.230173   90.131066     7.622144
449.023839    50.122103    3190.453
 0.25000   11.230173   101.986913    7.622144
415.790145    48.500089    3342.079
 0.50000   11.230173   114.815914    7.622144
396.100382    47.652877    3493.668
 0.75000   11.230173   128.360623    7.622144
376.397288    47.760392    3648.734
 1.00000   11.230173   143.383519    7.622144
360.581796    48.513809    3803.105
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 824

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.242465  -309.500478    -5.697364
-224.935364   -54.432035   -1368.364
 0.25000  -11.242465  -294.367445    -5.697364
-249.203730   -54.475650   -1318.717
 0.50000  -11.242465  -280.555406    -5.697364
-272.216363   -55.467551   -1269.085
 0.75000  -11.242465  -267.302733    -5.697364
-296.353325   -57.443764   -1219.499
 1.00000  -11.242465  -254.876332    -5.697364
-333.247294   -60.383179   -1169.972

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.129901   102.382804     1.826910
66.716695    70.275958    2281.403
 0.25000    6.129901   118.020932     1.826910
66.727698    74.471520    2415.852
 0.50000    6.129901   135.128429     1.826910
66.727698    79.370958    2518.277
 0.75000    6.129901   153.251038     1.826910
66.727698    85.110026    2587.686
 1.00000    6.129901   171.866733     1.826910
66.727698    91.406637    2624.296

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.941783  -290.620647    -9.193494
-454.011391   -28.899877  -780.534245
 0.25000  -18.941783  -268.695146    -9.193494
-445.517542   -24.978886  -743.057266
 0.50000  -18.941783  -247.143832    -9.193494
-437.011563   -21.082661  -705.650641
 0.75000  -18.941783  -226.471512    -9.193494
-428.507838   -17.195965  -668.227786
 1.00000  -18.941783  -207.120892    -9.193494
-420.002986   -13.332991  -630.805465

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.068732   152.299666     4.667422
129.142930   110.386433    3770.990
 0.25000   15.068732   171.498675     4.667422
129.142930   113.812366    3959.621
 0.50000   15.068732   192.474316     4.667422
129.142930   118.257307    4120.548
 0.75000   15.068732   214.743801     4.667422
129.142930   123.659403    4259.354
 1.00000   15.068732   237.707634     4.667422
129.142930   129.894050    4364.896

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.900492  -437.920396   -11.399628
-581.386113   -36.315339   -1174.584
 0.25000  -22.900492  -411.110713   -11.399628
-578.089866   -32.203654   -1310.671
 0.50000  -22.900492  -384.815787   -11.399628
-574.792285   -28.237527   -1246.832
 0.75000  -22.900492  -359.649320   -11.399628
-571.497371   -24.335937   -1182.976
 1.00000  -22.900492  -336.112182   -11.399628
-568.201123   -20.543864   -1119.153

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.859535   147.083631     4.585606
248.428044   100.136957    4536.693
 0.25000   12.859535   164.722552     4.585606
248.428044   103.440079    4763.232
 0.50000   12.859535   184.015829     4.585606
248.428044   107.709253    4964.729
 0.75000   12.859535   204.492618     4.585606
248.428044   112.938855    5144.632
 1.00000   12.859535   225.613015     4.585606
248.428044   119.034329    5294.941
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 825

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -23.123458  -474.756906   -10.899231
-562.018187   -37.548082   -1807.842
 0.25000  -23.123458  -450.117462   -10.899231
-559.650860   -33.515946   -1728.747
 0.50000  -23.123458  -425.963853   -10.899231
-557.282313   -29.857054   -1649.712
 0.75000  -23.123458  -402.838126   -10.899231
-554.916206   -26.703040   -1570.681
 1.00000  -23.123458  -381.220217   -10.899231
-552.548880   -23.986523   -1491.616

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.842268   126.378383     6.531515
338.244066    89.040996    4430.768
 0.25000   12.842268   141.081227     6.531515
338.244066    90.865375    4651.267
 0.50000   12.842268   157.163051     6.531515
338.244066    93.834860    4851.307
 0.75000   12.842268   174.231386     6.531515
338.244066    97.799686    5033.741
 1.00000   12.842268   191.839198     6.531515
338.244066   102.779116    5191.804

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -24.852392  -436.801702   -10.842534
-470.772196   -59.277388   -1893.724
 0.25000  -24.852399  -416.263066   -10.842534
-468.798922   -55.784646   -1816.671
 0.50000  -24.852399  -396.129934   -10.842534
-466.824630   -53.005520   -1739.680
 0.75000  -24.852399  -376.853589   -10.842534
-464.852372   -51.138830   -1662.695
 1.00000  -24.852399  -358.834078   -10.842534
-462.879098   -50.037420   -1585.669

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.107648   35.303779     2.611411
116.111732    32.651940    1546.897
 0.25000    9.107648   35.309796     2.611411
116.094485    31.037480    1597.489
 0.50000    9.107648   35.316423     2.611411
116.078012    30.008889    1650.558
 0.75000    9.107648   35.323508     2.611411
116.062760    29.280035    1740.131
 1.00000    9.107648   35.330892     2.611411
116.049152    28.705482    1825.151

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.331891  -122.775401    -1.270713
-127.283845    -6.156427   -668.365895
 0.25000   -3.331891  -122.767071    -1.270713
-127.299568    -6.254442   -640.044663
 0.50000   -3.331891  -122.759006    -1.270713
-127.316945    -6.414129   -611.697148
 0.75000   -3.331891  -122.751344    -1.270713
-127.335561    -6.655941   -583.375212
 1.00000   -3.331891  -122.744257    -1.270713
-127.354965    -7.003632   -555.123201

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.895043   43.089955     3.570049
277.099422    30.565500    2644.247
 0.25000    7.895043   43.095972     3.570049
277.082176    29.634509    2749.187
 0.50000    7.895043   43.102599     3.570049
277.065702    29.049305    2866.219
 0.75000    7.895043   43.109684     3.570049
277.050450    28.816526    2999.541
 1.00000    7.895043   43.117068     3.570049
277.036842    28.899557    3140.075
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 826

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.017702 -197.115012    -2.889135
-151.266733   -21.764345   -1250.087
 0.25000   -9.017702 -197.106682    -2.889135
-151.282457   -21.180535   -1201.280
 0.50000   -9.017702 -197.098617    -2.889135
-151.299833   -21.204306   -1152.441
 0.75000   -9.017702 -197.090955    -2.889135
-151.318450   -21.759815   -1103.626
 1.00000   -9.017702 -197.083868    -2.889135
-151.337853   -22.705680   -1054.764

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.251894   116.452396     4.962900
317.666008    79.700706    4128.824
 0.25000   12.251894   132.163026     4.962900
289.893268    81.105705    4341.553
 0.50000   12.251894   149.403183     4.962900
263.247638    83.197767    4531.894
 0.75000   12.251894   167.772237     4.962900
249.414900    85.917871    4700.786
 1.00000   12.251894   186.826356     4.962900
249.423776    89.177899    4842.734

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.466966  -418.557959    -8.105755
-350.509685   -35.655313   -1743.052
 0.25000  -18.466966  -396.725776    -8.105755
-357.136962   -33.293999   -1669.786
 0.50000  -18.466966  -375.436861    -8.105755
-384.689891   -31.426179   -1596.613
 0.75000  -18.466966  -355.154664    -8.105755
-419.618053   -30.074578   -1523.430
 1.00000  -18.466966  -336.287673    -8.105755
-454.085457   -29.096227   -1450.220

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.484580   100.844370     7.646813
403.209355    72.975719    4055.334
 0.25000   12.484580   113.928355     7.646813
380.079910    72.631759    4262.187
 0.50000   12.484580   128.286149     7.646813
357.889136    73.108360    4450.408
 0.75000   12.484580   143.584100     7.646813
346.369080    74.268019    4621.363
 1.00000   12.484580   159.452580     7.646813
346.376471    76.517149    4769.909

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.065603  -385.889727    -7.928620
-292.917397   -58.332273   -1604.056
 0.25000  -18.065603  -367.707643    -7.928620
-298.436666   -57.362390   -1769.225
 0.50000  -18.065603  -349.978001    -7.928620
-321.383050   -57.393812   -1698.448
 0.75000  -18.065603  -333.086763    -7.928620
-350.471608   -58.163288   -1627.664
 1.00000  -18.065603  -317.374125    -7.928620
-379.176442   -59.728887   -1556.864

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.362377    5.878039     6.294589
214.563947    14.597053   904.037743
 0.25000    4.362377    5.884052     6.294589
214.546759    11.721364   946.663580
 0.50000    4.362377    5.890675     6.294589
214.530342    9.397847   989.347529
 0.75000    4.362377    5.897762     6.294589
214.515143    7.226198   1032.526
 1.00000    4.362377    5.905132     6.294589
214.501585    5.331109   1075.772
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 827

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.495149   -53.346014    -1.407404
-2.465419   -45.045499   -589.312893
 0.25000   -3.495149   -53.337690    -1.407404
-2.481098   -47.753954   -575.411571
 0.50000   -3.495149   -53.329629    -1.407404
-2.498428   -51.284742   -561.529254
 0.75000   -3.495149   -53.321972    -1.407404
-2.516994   -55.289332   -547.650159
 1.00000   -3.495149   -53.314890    -1.407404
-2.536345   -59.845369   -533.791049

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.501052   12.141441     8.790311
366.462093    21.382858    1790.991
 0.25000    6.501052   12.147455     8.790311
366.444880    17.837253    1876.387
 0.50000    6.501052   12.154080     8.790311
366.428439    15.107730    1962.287
 0.75000    6.501052   12.161160     8.790311
366.413217    12.790093    2050.151
 1.00000    6.501052   12.168543     8.790311
366.399637    10.917857    2139.360

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.617642  -112.578738    -3.935982
-15.377944   -75.810691   -1100.690
 0.25000  -11.617642  -112.570412    -3.935982
-15.393642   -77.207461   -1070.019
 0.50000  -11.617642  -112.562349    -3.935982
-15.410992   -79.810137   -1039.369
 0.75000  -11.617642  -112.554690    -3.935982
-15.429580   -83.792852   -1008.387
 1.00000  -11.617642  -112.547605    -3.935982
-15.448954   -88.859920   -973.909522

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.786353   27.852394     8.289174
440.363491    28.040955    2840.686
 0.25000    7.786353   27.917352     8.289174
440.177595    24.774896    2969.790
 0.50000    7.786353   27.988901     8.289174
440.000025    22.329477    3104.250
 0.75000    7.786353   28.065365     8.289174
439.835631    20.326355    3244.204
 1.00000    7.786353   28.145096     8.289174
439.688971    18.778967    3386.135

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.650017  -190.721579    -3.393649
```

-86.212615 -63.411809 -1540.252
0.25000 -10.650017 -190.631653 -3.393649
-86.382154 -65.668946 -1490.098
0.50000 -10.650017 -190.544577 -3.393649
-86.566539 -69.003717 -1440.142
0.75000 -10.650017 -190.461856 -3.393649
-86.770283 -73.370546 -1390.182
1.00000 -10.650017 -190.385346 -3.393649
-86.979523 -78.571847 -1340.198

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.804924 80.230321 9.093684
472.238253 64.004228 3742.304
0.25000 13.804924 89.769444 9.093684
449.628437 61.736324 3626.881
0.50000 13.804924 100.255422 9.093684
427.993524 60.390768 4100.520
0.75000 13.804924 111.454633 9.093684
408.074145 59.586162 4265.262
1.00000 13.804924 123.100444 9.093684
391.364338 59.405666 4414.857

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.747849 -332.609490 -6.117716
-221.857034 -62.568008 -1813.566
0.25000 -14.747849 -319.372986 -6.117716
-243.479196 -63.529695 -1727.652
0.50000 -14.747849 -306.529380 -6.117716
-267.519494 -65.495689 -1662.448
0.75000 -14.747849 -294.312223 -6.117716
-293.300088 -68.349959 -1597.236
1.00000 -14.747849 -282.979382 -6.117716
-320.089092 -72.008322 -1532.015

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.269681 186.676473 7.622144
449.023839 95.076834 4214.382
0.25000 14.269681 212.473046 7.622144
415.790145 96.671873 4402.882
0.50000 14.269681 240.619071 7.622144
396.100382 100.326980 4577.245
0.75000 14.269681 270.523229 7.622144
395.316687 105.667643 4741.003
1.00000 14.269681 301.245300 7.622144
395.297353 112.576410 4890.282

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.101657 -484.418354 -9.235643
-562.338498 -68.613475 -1448.709
0.25000 -18.101657 -455.867282 -9.235643
-562.338498 -68.531337 -1389.497
0.50000 -18.101657 -427.742553 -9.235643
-562.338498 -70.112713 -1330.321
0.75000 -18.101657 -400.871796 -9.235643
-562.338498 -73.269444 -1271.165
1.00000 -18.101657 -375.816916 -9.235643
-562.338498 -77.875306 -1212.027

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.068732 152.299666 9.093684
472.238253 110.386433 4536.693
0.25000 15.068732 171.488675 9.093684
449.628437 113.823566 4763.232
0.50000 15.068732 192.474316 9.093684
440.000025 118.257307 4964.729
0.75000 15.068732 214.743801 9.093684
439.835631 123.659403 5144.632
1.00000 15.068732 237.707634 9.093684
439.688971 129.894050 5294.941

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852399 -474.756906 -11.399628
-581.386113 -75.810691 -1893.724
0.25000 -24.852399 -450.117462 -11.399628
-578.089866 -77.207461 -1816.671
0.50000 -24.852399 -425.963853 -11.399628
-574.792285 -79.810137 -1739.680
0.75000 -24.852399 -402.838126 -11.399628
-571.497371 -83.792852 -1662.695
1.00000 -24.852399 -381.220217 -11.399628
-568.201123 -88.859920 -1585.669

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.068732 186.676473 9.093684
472.238253 110.386433 4536.693
0.25000 15.068732 212.473046 9.093684
449.628437 113.823566 4763.232
0.50000 15.068732 240.619071 9.093684
440.000025 118.257307 4964.729
0.75000 15.068732 270.523229 9.093684
439.835631 123.659403 5144.632
1.00000 15.068732 301.245300 9.093684
439.688971 129.894050 5294.941

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852399 -484.418354 -11.399628
-581.386113 -75.810691 -1893.724
0.25000 -24.852399 -455.867282 -11.399628
-578.089866 -77.207461 -1816.671
0.50000 -24.852399 -427.742553 -11.399628
-574.792285 -79.810137 -1739.680
0.75000 -24.852399 -402.838126 -11.399628
-571.497371 -83.792852 -1662.695
1.00000 -24.852399 -381.220217 -11.399628
-568.201123 -88.859920 -1585.669

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.068732 186.676473 9.093684
472.238253 110.386433 4536.693
0.25000 15.068732 212.473046 9.093684
449.628437 113.823566 4763.232
0.50000 15.068732 240.619071 9.093684
440.000025 118.257307 4964.729
0.75000 15.068732 270.523229 9.093684
439.835631 123.659403 5144.632
1.00000 15.068732 301.245300 9.093684
439.688971 129.894050 5294.941

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.852399 -484.418354 -11.399628
-581.386113 -75.810691 -1893.724
0.25000 -24.852399 -455.867282 -11.399628
-578.089866 -77.207461 -1816.671
0.50000 -24.852399 -427.742553 -11.399628
-574.792285 -79.810137 -1739.680
0.75000 -24.852399 -402.838126 -11.399628
-571.497371 -83.792852 -1662.695
1.00000 -24.852399 -381.220217 -11.399628
-568.201123 -88.859920 -1585.669

ELEM 50 ========== LENGTH = 4.986975

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.165634 150.061558 3.358616
184.749148 81.869759 2581.771
0.25000 4.165634 171.015819 3.358616
184.749148 81.822503 2667.518
0.50000 4.165634 193.901016 3.358616
184.749148 82.794946 2719.287
0.75000 4.165634 218.211292 3.358616
184.749148 84.955498 2736.917
1.00000 4.165634 242.521166 3.358616
184.749148 88.204182 2724.375

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.336908 -294.498169 -5.311201
-304.582217 -10.013577 -481.697874
0.25000 -12.336908 -269.972345 -5.311201
-304.582217 -8.643031 -457.446536
0.50000 -12.336908 -245.164214 -5.311201
-304.582217 -7.280274 -433.199198
0.75000 -12.336908 -221.506394 -5.311201
-304.582217 -5.919196 -408.949861
1.00000 -12.336908 -199.506294 -5.311201
-304.582217 -4.561350 -384.700523

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.822902 221.548032 4.855683
277.528565 113.456000 4216.584
0.25000 13.822902 247.989903 4.855683
277.528565 113.371399 4315.062
0.50000 13.822902 276.770303 4.855683
277.528565 114.757593 4385.697

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 13.822902 307.287171 4.855683
277.528565 117.674607 4437.560
1.00000 13.822902 338.586746 4.855683
277.528565 122.007445 4466.154

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.583684 -425.167536 -7.305731
-422.953001 -14.894074 -855.009675
0.25000 -15.583684 -393.613646 -7.305731
-422.953001 -13.310643 -813.548167
0.50000 -15.583684 -362.504843 -7.305731
-422.953001 -11.752885 -771.187659
0.75000 -15.583684 -332.800032 -7.305731
-422.953001 -10.231147 -728.827151
1.00000 -15.583684 -305.100016 -7.305731
-422.953001 -8.754041 -686.466643

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.724574 220.323879 4.885582
356.784596 103.617255 4890.915
0.25000 9.724574 244.613697 4.885582
356.784596 103.014703 4995.235
0.50000 9.724574 271.046533 4.885582
356.784596 103.855342 5080.240
0.75000 9.724574 299.069567 4.885582
356.784596 106.153432 5151.173
1.00000 9.724574 327.870977 4.885582
356.784596 109.805056 5205.660

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.786794 -430.999233 -7.328833
-460.564621 -15.922801 -1129.013
0.25000 -15.786794 -401.965408 -7.328833
-460.564621 -14.627531 -1074.832
0.50000 -15.786794 -373.401339 -7.328833
-460.564621 -13.332966 -1020.651
0.75000 -15.786794 -346.123043 -7.328833
-460.564621 -12.064646 -966.470360
1.00000 -15.786794 -320.682209 -7.328833
-460.564621 -10.805686 -912.289482

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.541547 189.103075 6.236172
367.411838 89.341054 4682.601
0.25000 9.541547 209.344589 6.236172
367.411838 88.171499 4781.102
0.50000 9.541547 231.371553 6.236172
367.411838 88.525463 4864.441
0.75000 9.541547 254.724481 6.236172
367.411838 90.309072 4936.403
1.00000 9.541547 278.725656 6.236172
367.411838 93.237981 4995.120

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.671313 -377.581085 -7.786387
-412.511352 -40.807456 -1211.978
0.25000 -18.671313 -353.386230 -7.786387
-412.511352 -39.189613 -1155.942
0.50000 -18.671313 -329.582839 -7.786387
-412.511352 -38.135514 -1099.906
0.75000 -18.671313 -306.850927 -7.786387
-412.511352 -37.718961 -1043.870
1.00000 -18.671313 -285.650231 -7.786387
-412.511352 -37.844897 -987.834408

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.480335 53.935859 1.090062
145.049319 20.982183 1648.334

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 10.480335 53.947794 1.090062
145.008388 21.171252 1645.287
0.50000 10.480335 53.960654 1.090062
144.974873 21.509786 1662.094
0.75000 10.480335 53.974182 1.090062
144.943088 21.988404 1705.625
1.00000 10.480335 53.989508 1.090062
144.913518 22.594394 1767.542

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.905542 -89.815360 -1.290508
-151.407016 -4.527993 -426.676418
0.25000 -2.905542 -89.799948 -1.290508
-151.437502 -4.479457 -408.430974
0.50000 -2.905542 -89.786220 -1.290508
-151.470402 -4.450868 -388.185530
0.75000 -2.905542 -89.773036 -1.290508
-151.505116 -4.449215 -367.940086
1.00000 -2.905542 -89.760649 -1.290508
-151.546121 -4.484961 -347.694641

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.132066 70.073310 2.492283
257.924158 23.375896 2681.632
0.25000 7.132066 70.085246 2.492283
257.883213 22.451381 2693.258
0.50000 7.132066 70.098107 2.492283
257.849679 21.856685 2729.932
0.75000 7.132066 70.111636 2.492283
257.817884 21.587731 2797.252
1.00000 7.132066 70.126965 2.492283
257.788302 21.564221 2887.419

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.164195 -129.705058 -2.840029
-222.452733 -17.440572 -805.071546
0.25000 -8.164195 -129.689645 -2.840029
-222.483230 -17.049214 -768.543169
0.50000 -8.164195 -129.675915 -2.840029
-222.516141 -16.986797 -732.014792
0.75000 -8.164195 -129.662730 -2.840029
-222.550866 -17.282251 -695.486415
1.00000 -8.164195 -129.650342 -2.840029
-222.591886 -17.896869 -658.958038

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.601346 177.779377 4.550949
366.161939 77.098965 4389.007
0.25000 8.601346 198.320341 4.550949
338.815978 76.175958 4483.994
0.50000 8.601346 220.566516 4.550949
308.564971 76.24286 4563.140
0.75000 8.601346 244.063618 4.550949
287.170465 77.550075 4630.662
1.00000 8.601346 269.395329 4.550949
287.170465 79.686864 4684.287

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.496951 -363.473757 -6.166491
-326.387286 -22.573265 -1107.094
0.25000 -14.496951 -337.969668 -6.166491
-326.390514 -21.443146 -1055.104
0.50000 -14.496951 -314.070067 -6.166491
-354.009759 -20.610074 -1003.115
0.75000 -14.496951 -291.183785 -6.166491
-383.586216 -20.101825 -951.125934
1.00000 -14.496951 -269.764614 -6.166491
-410.027789 -19.885718 -899.136669

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.609653 151.536843 6.138207
367.554170 65.124257 4202.178
0.25000 8.609653 168.644358 6.138207
344.791946 64.164011 4291.677
0.50000 8.609653 187.172171 6.138207
319.360924 64.492832 4368.820
0.75000 8.609653 206.741916 6.138207
301.902543 65.885198 4436.548
1.00000 8.609653 227.838362 6.138207
301.902543 67.904343 4493.141

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.905383 -317.161034 -6.744038
-290.966491 -50.277418 -1189.585
0.25000 -13.905383 -295.921164 -6.744038
-290.969176 -49.187788 -1135.977
0.50000 -13.905383 -276.015972 -6.744038
-313.850198 -48.519270 -1082.370
0.75000 -13.905383 -256.954967 -6.744038
-338.475352 -49.239904 -1028.762
1.00000 -13.905383 -239.115937 -6.744038
-360.485589 -50.357396 -975.154564

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.422186 4.794463 3.738798
92.176466 4.013132 789.752774
0.25000 2.422186 4.806406 3.738798
92.135448 3.041438 804.964960
0.50000 2.422186 4.819272 3.738798
92.101820 2.123194 820.746124
0.75000 2.422186 4.832807 3.738798
92.069971 2.032396 837.175832
1.00000 2.422186 4.848146 3.738798
92.040336 2.348452 854.049634

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.501259 -19.964701 -2.373573
-24.250861 -52.119561 -404.566685
0.25000 -2.501259 -19.949277 -2.373573
-24.281415 -52.084862 -389.322739
0.50000 -2.501259 -19.935542 -2.373573
-24.314383 -52.797279 -374.078592
0.75000 -2.501259 -19.922351 -2.373573
-24.349164 -54.284872 -358.834445
1.00000 -2.501259 -19.909957 -2.373573
-24.390257 -56.477203 -343.590298

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.090159 16.094083 6.017714
186.995076 9.052505 1624.322
0.25000 4.090159 16.106019 6.017714
186.954146 7.319916 1652.790
0.50000 4.090159 16.118878 6.017714
186.920631 5.704869 1685.102
0.75000 4.090159 16.132406 6.017714
186.888846 5.433425 1720.274
1.00000 4.090159 16.147733 6.017714
186.859275 5.183410 1757.679

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.173047 -50.193409 -4.362091
-76.213552 -77.648761 -733.846379
0.25000 -10.173047 -50.177998 -4.362091
-76.244037 -76.712102 -704.775809
0.50000 -10.173047 -50.164270 -4.362091
-76.276938 -77.184323 -675.705239
0.75000 -10.173047 -50.151085 -4.362091
-76.311652 -79.196935 -646.634669
1.00000 -10.173047 -50.138699 -4.362091
-76.352657 -82.487827 -617.564099

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.593226 45.066869 5.519412
283.821174 14.264059 2710.752
0.25000 4.593226 45.077612 5.519412
283.784324 12.548730 2744.361
0.50000 4.593226 45.089186 5.519412
283.754143 11.129627 2792.425
0.75000 4.593226 45.101363 5.519412
283.725527 11.018114 2854.263
1.00000 4.593226 45.115159 5.519412
283.698904 11.067612 2928.072

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.415367 -103.904904 -4.345018
-173.715048 -66.850983 -1023.029
0.25000 -8.415367 -103.891032 -4.345018
-173.742495 -66.484878 -980.103869
0.50000 -8.415367 -103.878676 -4.345018
-173.772116 -67.162348 -937.178418
0.75000 -8.415367 -103.866808 -4.345018
-173.803368 -68.946260 -894.252968
1.00000 -8.415367 -103.855659 -4.345018
-173.840286 -71.732166 -851.327518

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.862418 119.967940 6.263409
394.688590 49.495394 3802.562
0.25000 10.862418 132.069567 6.263409
360.236973 48.061424 3873.243
0.50000 10.862418 145.140896 6.263409
332.483808 47.283072 3940.791
0.75000 10.862418 158.918906 6.263409
309.125202 48.214666 4009.284
1.00000 10.862418 174.115561 6.263409
290.072255 49.589353 4075.183

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.235455 -255.196773 -6.053971
-238.693207 -60.421460 -1170.045
0.25000 -11.235455 -239.862610 -6.053971
-263.471988 -59.711816 -1118.598
0.50000 -11.235455 -225.865182 -6.053971
-286.422428 -59.880656 -1067.151
0.75000 -11.235455 -212.441051 -6.053971
-312.407922 -60.983450 -1015.704
1.00000 -11.235455 -199.853002 -6.053971
-348.750459 -62.943232 -964.257388

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.566997 120.110634 3.123572
161.010339 93.293270 2625.102
0.25000 5.566997 136.746394 3.123572
164.605491 93.885973 2709.778
0.50000 5.566997 154.815383 3.123572
167.138414 95.135141 2761.912
0.75000 5.566997 173.899860 3.123572
168.542676 97.172422 2780.158
1.00000 5.566997 193.507738 3.123572
168.898330 99.957062 2765.239

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.999827 -256.078752 -5.907369
-320.538275 -14.481881 -630.612855
0.25000 -18.999827 -234.718313 -5.907369
-315.629344 -12.439862 -599.201572
0.50000 -18.999827 -213.801661 -5.907369
-309.658889 -10.402929 -567.647979
0.75000 -18.999827 -193.781466 -5.907369
-302.558361 -8.393115 -536.235423
1.00000 -18.999827 -175.120369 -5.907369
-294.409931 -6.494574 -504.821363

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.451271 184.046985 4.779483
248.993663 132.427171 4365.841
0.25000 14.451271 204.396342 4.779483
250.749685 133.098291 4466.667
0.50000 14.451271 226.513249 4.779483
250.988357 134.536695 4538.530
0.75000 14.451271 249.910078 4.779483
250.988357 136.871708 4585.724
1.00000 14.451271 274.005307 4.779483
250.988357 140.058725 4602.553

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.955753 -378.678569 -7.931868
-433.634630 -22.214826 -1118.883
0.25000 -22.955753 -352.535277 -7.931868
-432.094702 -19.613761 -1063.983
0.50000 -22.955753 -326.996099 -7.931868
-429.038258 -17.063854 -1009.869
0.75000 -22.955753 -302.596250 -7.931868
-425.741902 -14.577068 -953.938749
1.00000 -22.955753 -279.872795 -7.931868
-422.445952 -12.325687 -898.980989

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.115831 187.135386 4.814816
324.559331 121.334096 5295.541
0.25000 12.115831 205.836786 4.814816
325.927127 121.796120 5406.752
0.50000 12.115831 226.165484 4.814816
326.028619 123.099427 5492.177
0.75000 12.115831 247.674034 4.814816
326.028619 125.315435 5553.890
1.00000 12.115831 269.829892 4.814816
326.028619 128.418110 5587.838

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.222563 -398.616754 -7.842191
-456.625105 -24.968271 -1491.429
0.25000 -23.222563 -374.587470 -7.842191
-455.625789 -22.528892 -1420.317
0.50000 -23.222563 -351.118679 -7.842191
-453.360932 -20.355198 -1349.002
0.75000 -23.222563 -328.701460 -7.842191
-450.993318 -18.363321 -1277.946
1.00000 -23.222563 -307.828517 -7.842191
-448.626205 -16.640865 -1206.762

COMB DL-G1-4 ---------- MAX

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.949012  163.020844    6.221757
345.634741  104.526499    5191.973
 0.25000   11.949012  178.509312    6.221757
346.774861  104.642075    5294.651
 0.50000   11.949012  195.554207    6.221757
346.859459  105.599641    5375.808
 0.75000   11.949012  213.482561    6.221757
346.859459  107.375586    5437.191
 1.00000   11.949012  231.950477    6.221757
346.859459  109.912746    5475.564

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.863704 -358.286682   -8.207150
-403.925121  -50.315831    -1585.610
 0.25000  -24.863704 -338.257180   -8.207150
-403.092145  -48.443198    -1512.506
 0.50000  -24.863704 -318.694876   -8.207150
-401.204284  -47.047361    -1439.238
 0.75000  -24.863704 -300.009104   -8.207150
-399.230770  -46.157932    -1366.181
 1.00000  -24.863704 -282.610557   -8.207150
-397.257674  -45.758043    -1293.012
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     835

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.113860   50.817890    1.230856
127.646402   29.130816    1825.159
 0.25000    9.113860   50.824195    1.230856
127.628620   29.094409    1832.622
 0.50000    9.113860   50.831106    1.230856
127.611614   29.212278    1851.123
 0.75000    9.113860   50.838468    1.230856
127.595818   29.444789    1885.512
 1.00000    9.113860   50.846133    1.230856
127.581665   29.774339    1929.475

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.357468  -95.455766   -1.310939
-138.701395   -7.299303  -555.088075
 0.25000   -3.357468  -95.447607   -1.310939
-138.716344   -6.895061  -528.919209
 0.50000   -3.357468  -95.439725   -1.310939
-138.732918   -6.593029  -502.754228
 0.75000   -3.357468  -95.432268   -1.310939
-138.750697   -6.461025  -476.628159
 1.00000   -3.357468  -95.425374   -1.310939
-138.769250   -6.397977  -450.440273

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.633548   68.641744    2.479298
237.693979   29.281890    3139.715
 0.25000    7.633548   68.648049    2.479298
237.676197   28.845714    3166.235
 0.50000    7.633548   68.654960    2.479298
237.659191   28.714960    3203.729
 0.75000    7.633548   68.662322    2.479298
237.643395   28.841912    3256.084
 1.00000    7.633548   68.669988    2.479298
237.629242   29.207620    3318.450

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.066972 -146.616033   -2.737291
-197.241416  -22.292501    -1054.824
 0.25000   -9.066972 -146.607874   -2.737291
-197.256366  -21.631511    -1006.915
 0.50000   -9.066972 -146.599993   -2.737291
-197.272939  -21.319560   -959.019012
 0.75000   -9.066972 -146.592535   -2.737291
-197.290718  -21.210993   -911.220422
 1.00000   -9.066972 -146.585642   -2.737291
-197.309271  -21.790142  -863.272476

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.786346  153.303436    4.482531
337.572332   90.797733    4842.904
 0.25000   11.786346  169.858509    4.482531
307.463061   91.048235    4945.918
 0.50000   11.786346  187.928289    4.482531
278.480400   91.519564    5024.760
 0.75000   11.786346  207.119071    4.482531
256.361560   93.101884    5081.103
 1.00000   11.786346  227.001676    4.482531
255.333459   94.757858    5111.884

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.547564 -346.079056   -6.334281
-304.445809  -29.522355    -1450.102
 0.25000  -18.547564 -324.746457   -6.334281
-308.480199  -27.869617    -1382.178
 0.50000  -18.547564 -304.010440   -6.334281
-336.246501  -26.588829    -1314.233
 0.75000  -18.547564 -284.293096   -6.334281
-368.246769  -25.630808    -1246.316
 1.00000  -18.547564 -266.009683   -6.334281
-401.359335  -24.951327    -1178.406
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     836

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.787986  133.374883    6.312049
355.249768   77.694486    4769.702
 0.25000   11.787986  147.162130    6.312049
330.174435   77.615980    4864.121
 0.50000   11.787986  162.210842    6.312049
306.037356   78.252284    4938.629
 0.75000   11.787986  178.193137    6.312049
287.616541   79.392893    4994.385
 1.00000   11.787986  194.751590    6.312049
286.760328   81.012022    5028.975

 COMB DL-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.986128 -311.263559   -6.820823
-270.136308  -59.679709    -1556.872
 0.25000  -17.986128 -293.497536   -6.820823
-273.496193  -58.923345    -1486.738
 0.50000  -17.986128 -276.228352   -6.820823
-296.620275  -58.898951    -1416.590
 0.75000  -17.986128 -259.807530   -6.820823
-323.270452  -59.469164    -1346.466
 1.00000  -17.986128 -244.580903   -6.820823
-350.846962   -60.533424    -1276.339

 COMB DL-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.826435    8.066513    4.301234
112.562358   5.172484   1075.237
 0.25000    3.826435    8.072814    4.301234
112.544634   4.138821   1087.150
 0.50000    3.826435    8.079720    4.301234
112.527681   3.465395   1099.252
 0.75000    3.826435    8.087077    4.301234
112.511936   3.254922   1111.381
 1.00000    3.826435    8.094737    4.301234
112.497831   3.436574   1123.591

 COMB DL-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.040971  -33.022672   -2.282537
-21.653399  -59.352096  -533.957545
 0.25000   -3.040971  -33.014518   -2.282537
-21.668302  -60.467225  -513.586473
 0.50000   -3.040971  -33.006642   -2.282537
-21.684827  -62.218670  -492.813660
 0.75000   -3.040971  -32.999189   -2.282537
-21.702554  -64.567079  -472.470475
 1.00000   -3.040971  -32.992300   -2.282537
-21.721052  -67.388965  -452.125381

 COMB DL-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.696853   20.999863    6.547182
209.563811   10.693424    2138.472
 0.25000    5.696853   21.006166    6.547182
209.546062    9.134298    2154.208
 0.50000    5.696853   21.013074    6.547182
209.529086    8.099706    2190.342
 0.75000    5.696853   21.020433    6.547182
209.513320    7.743854    2216.967
 1.00000    5.696853   21.028095    6.547182
209.499194    7.794770    2243.977

 COMB DL-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.141079  -72.590906   -4.368939
-64.944026  -87.800064  -974.178011
 0.25000  -11.141079  -72.582750   -4.368939
-64.958949  -88.137997  -935.174159
 0.50000  -11.141079  -72.574872   -4.368939
-64.975495  -89.562728  -895.500320
 0.75000  -11.141079  -72.567417   -4.368939
-64.993245  -92.270863  -856.542490
 1.00000  -11.141079  -72.560429   -4.368939
-65.011766  -95.889471  -817.547467
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     837

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.024848   48.591216    5.961369
290.702740   18.773960    3385.215
 0.25000    7.024848   48.659280    5.961369
290.511049   17.647797    3424.114
 0.50000    7.024848   48.733837    5.961369
290.327715   17.061461    3467.218
 0.75000    7.024848   48.813368    5.961369
290.157432   17.129653    3515.041
 1.00000    7.024848   48.896121    5.961369
290.004875   17.496258    3566.636

 COMB DL-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.267612 -131.782254   -4.142305
-149.749798  -77.504041    -1340.447
 0.25000  -10.267612 -131.694173   -4.142305
-149.910973  -78.391046    -1283.819
 0.50000  -10.267612 -131.609086   -4.142305
-150.089669  -80.186561    -1227.284
 0.75000  -10.267612 -131.528575   -4.142305
-150.281362  -82.789603    -1170.840
 1.00000  -10.267612 -131.454145   -4.142305
-150.481392  -86.032929    -1114.270

 COMB DL-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.074175  109.234964    6.714039
380.141323   60.200882    4414.464
 0.25000   13.074175  119.255453    6.714039
356.491217   59.481079    4491.439
 0.50000   13.074175  130.215212    6.714039
333.756535   59.438953    4556.278
 0.75000   13.074175  141.882143    6.714039
312.707546   60.052673    4610.580
 1.00000   13.074175  153.996287    6.714039
294.066096   61.081377    4651.879

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.432504 -261.731943   -6.003430
-231.058289  -71.677176    -1532.121
 0.25000  -14.432504 -248.786064   -6.003430
-251.213169  -71.718141    -1464.641
 0.50000  -14.432504 -236.257391   -6.003430
-273.752527  -72.589177    -1397.168
 0.75000  -14.432504 -224.363229   -6.003430
-297.997407  -74.175854    -1329.725
 1.00000  -14.432504 -213.359562   -6.003430
-323.193698  -76.355126    -1262.202

 COMB      DB ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.822902  221.548032    6.263409
394.688590  113.456000    4890.915
 0.25000   13.822902  247.989903    6.263409
367.411838  113.371399    4995.235
 0.50000   13.822902  276.770303    6.263409
341.411838  114.775193    5080.240
 0.75000   13.822902  307.287171    6.263409
367.411838  117.674607    5151.173
 1.00000   13.822902  338.586746    6.263409
367.411838  122.007445    5205.660

 COMB      DB ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.671313 -430.999233   -7.786387
-460.564621  -77.648761    -1211.978
 0.25000  -18.671313 -401.965408   -7.786387
-460.564621  -76.712102    -1155.942
 0.50000  -18.671313 -373.401339   -7.786387
-460.564621  -77.184323    -1099.906
 0.75000  -18.671313 -346.123043   -7.786387
-460.564621  -79.196935    -1043.870
 1.00000  -18.671313 -320.682209   -7.786387
-460.564621  -82.487827    -987.834408
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     838

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.451271  187.135386    6.714039
380.191323  132.427171    5295.541
 0.25000   14.451271  205.836786    6.714039
356.491217  133.098291    5406.752
 0.50000   14.451271  226.513249    6.714039
346.859459  134.536695    5492.177
 0.75000   14.451271  249.910078    6.714039
346.859459  136.871708    5553.890
 1.00000   14.451271  274.005307    6.714039
346.859459  140.058725    5587.838

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.863704 -398.616754   -8.207150
-456.625105  -87.800064    -1585.610
 0.25000  -24.863704 -374.587470   -8.207150
-455.625789  -88.137997    -1512.506
 0.50000  -24.863704 -351.118679   -8.207150
-453.360932  -89.562728    -1439.238
 0.75000  -24.863704 -328.701460   -8.207150
-450.993318  -92.270863    -1366.181
 1.00000  -24.863704 -307.828517   -8.207150
-448.626205  -95.889471    -1293.012

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.451271  221.548032    6.714039
394.688590  132.427171    5295.541
 0.25000   14.451271  247.989903    6.714039
367.411838  133.098291    5406.752
 0.50000   14.451271  276.770303    6.714039
367.411838  134.536695    5492.177
 0.75000   14.451271  307.287171    6.714039
367.411838  136.871708    5553.890
 1.00000   14.451271  338.586746    6.714039
367.411838  140.058725    5587.838

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.863704 -430.999233   -8.207150
-460.564621  -87.800064    -1585.610
 0.25000  -24.863704 -401.965408   -8.207150
-460.564621  -88.137997    -1512.506
 0.50000  -24.863704 -373.401339   -8.207150
-460.564621  -89.562728    -1439.238
 0.75000  -24.863704 -346.123043   -8.207150
-460.564621  -92.270863    -1366.181
 1.00000  -24.863704 -320.682209   -8.207150
-460.564621  -95.889471    -1293.012

 COMB      DESIGN ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.451271  221.548032    6.714039
394.688590  132.427171    5295.541
 0.25000   14.451271  247.989903    6.714039
367.411838  133.098291    5406.752
 0.50000   14.451271  276.770303    6.714039
367.411838  134.536695    5492.177
 0.75000   14.451271  307.287171    6.714039
367.411838  136.871708    5553.890
 1.00000   14.451271  338.586746    6.714039
367.411838  140.058725    5587.838

 COMB      DESIGN ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -24.863704 -430.999233   -8.207150
-460.564621  -87.800064    -1585.610
 0.25000  -24.863704 -401.965408   -8.207150
-460.564621  -88.137997    -1512.506
 0.50000  -24.863704 -373.401339   -8.207150
-460.564621  -89.562728    -1439.238
 0.75000  -24.863704 -346.123043   -8.207150
-460.564621  -92.270863    -1366.181
 1.00000  -24.863704 -320.682209   -8.207150
-460.564621  -95.889471    -1293.012
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     839

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       51 ================== LENGTH
=     4.987646

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.708144  168.553613    5.591177
302.480626   84.871842    2723.958
 0.25000    3.708144  189.976803    5.591177
302.480626   84.871842    2776.411
 0.50000    3.708144  213.323399    5.591177
302.480626   82.134909    2797.332
 0.75000    3.708144  238.093880    5.591177
302.480626   80.480272    2782.706
 1.00000    3.708144  262.867715    5.591177
302.480626   79.737888    2731.350

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.594635 -273.809353   -2.431204
-179.574734   -4.944803  -384.497738
 0.25000  -12.594635 -248.796059   -2.431204
-179.574734   -4.307335  -362.943628
 0.50000  -12.594635 -223.468224   -2.431204
-179.574734   -3.688149  -341.389517
 0.75000  -12.594635 -199.259054   -2.431204
-179.574734   -3.093522  -319.835406
 1.00000  -12.594635 -176.666521   -2.431204
-179.574734   -2.532762  -298.281295

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.428666  255.210749    7.188690
428.109416  122.300013    4465.810
 0.25000   13.428666  282.217869    7.188690
428.109416  118.210970    4500.441
 0.50000   13.428666  311.555083    7.188690
428.109416  115.520948    4510.331
 0.75000   13.428666  342.626237    7.188690
428.109416  114.315825    4498.124
 1.00000   13.428666  374.484945    7.188690
428.109416  114.662001    4454.877

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.755507 -386.333742   -5.640342
-263.661598   -9.183120  -686.178524
 0.25000  -15.755507 -354.191679   -5.640342
-263.661598   -8.286325  -647.856877
 0.50000  -15.755507 -322.461364   -5.640342
-263.661598   -7.424064  -609.535229
 0.75000  -15.755507 -292.094704   -5.640342
-263.661598   -6.602092  -571.213582
 1.00000  -15.755507 -263.687202   -5.640342
-263.661598   -5.829729  -532.891934

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.212935  264.723354    6.913704
469.069931  110.155525    5205.400
 0.25000    9.212935  289.530473    6.913704
469.069931  106.326941    5222.814
 0.50000    9.212935  316.472924    6.913704
469.069931  104.195663    5221.842
 0.75000    9.212935  345.003250    6.913704
469.069931  103.503886    5203.469
 1.00000    9.212935  374.316386    6.913704
469.069931  104.278905    5160.584

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.878621 -377.434859   -5.246436
-338.367782  -10.976522  -912.054929
 0.25000  -15.878621 -347.862832   -5.246436
-338.367782  -10.192755  -861.484181
 0.50000  -15.878621 -318.730185   -5.246436
-338.367782   -9.432431  -810.913432
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     840

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -15.878621 -290.846466   -5.246436
-338.367782   -8.703543  -760.342684
 1.00000  -15.878621 -264.758526   -5.246436
-338.367782   -8.012627  -709.771935

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.948336  235.589232    8.006485
416.408200   93.326304    4994.954
 0.25000    8.948336  256.261833    8.006485
416.408200   89.885989    5001.490
 0.50000    8.948336  278.713874    8.006485
416.408200   88.282438    4993.345
 0.75000    8.948336  302.489146    8.006485
416.408200   87.872696    4971.323
 1.00000    8.948336  326.916759    8.006485
416.408200   88.679371    4929.283

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.845146 -324.103315   -6.345318
-352.244982  -38.111936  -987.738204
 0.25000  -18.845146 -299.459960   -6.345318
-352.244982  -36.656998  -933.439317
 0.50000  -18.845146 -275.182754   -6.345318
-352.244982  -35.799920  -879.140430
 0.75000  -18.845146 -251.946321   -6.345318
-352.244982  -35.653939  -824.841543
 1.00000  -18.845146 -230.206312   -6.345318
-352.244982  -36.147036  -770.542655

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.626945   71.216456    0.882956
160.123531   22.528621    1767.613
 0.25000   10.626945   71.228598    0.882956
160.082712   22.726180    1728.627
 0.50000   10.626945   71.241663    0.882956
160.048198   23.101668    1708.297
 0.75000   10.626945   71.255294    0.882956
160.015523   23.756635    1712.878
 1.00000   10.626945   71.270926    0.882956
159.985302   24.781945    1736.884

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.780482  -68.041317   -2.875160
-137.512676   -4.442444  -347.639441
 0.25000   -2.780482  -68.025691   -2.875160
-137.542186   -4.274473  -328.425758
 0.50000   -2.780482  -68.011742   -2.875160
-137.573871   -4.112053  -309.212075
 0.75000   -2.780482  -67.998321   -2.875160
-137.607121   -3.955953  -289.998392
 1.00000   -2.780482  -67.985684   -2.875160
-137.647904   -3.808080  -270.784709

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.087369  101.867013    2.532083
230.523577   21.769116    2887.547
 0.25000    7.087369  101.879157    2.532083
230.462743   21.162867    2833.444
 0.50000    7.087369  101.892223    2.532083
230.448218   21.782999    2801.812
 0.75000    7.087369  101.905956    2.532083
230.415531   22.783092    2798.779
 1.00000    7.087369  101.921489    2.532083
230.385299   24.196967    2818.285

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.068906  -88.671523   -3.643903
-246.324147   -17.725531  -658.970157
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING          LOAD                >
                                     841

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -8.068906  -88.655895   -3.643903
-246.353667   -17.197327  -622.880723
 0.50000   -8.068906  -88.641944   -3.643903
-246.385363   -17.006339  -586.791289
 0.75000   -8.068906  -88.628523   -3.643903
-246.418632   -17.210991  -550.701855
 1.00000   -8.068906  -88.615885   -3.643903
-246.459429   -17.772798  -514.612422

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.577906  221.347184    5.845718
417.809128   80.027715    4684.294
 0.25000    8.577906  242.266354    5.845718
391.168932   77.375730    4693.220
 0.50000    8.577906  264.925776    5.845718
361.381808   76.421294    4686.813
 0.75000    8.577906  288.814001    5.845718
335.244338   76.726039    4665.957
 1.00000    8.577906  314.540031    5.845718
335.242722   78.041244    4624.596

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.520675 -309.979957   -5.432559
-266.412901   -19.945421  -899.002802
 0.25000  -14.520675 -284.062827   -5.432559
-266.412901   -19.021564  -849.398159
 0.50000  -14.520675 -259.729960   -5.432559
-294.582806   -18.409555  -799.793517
 0.75000  -14.520675 -236.383199   -5.432559
-324.020733   -18.172665  -750.188874
 1.00000  -14.520675 -214.472939   -5.432559
-350.289694   -18.273790  -700.584232

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.336827  196.608830    6.723846
369.230456   67.570126    4493.201
 0.25000    8.336827  214.048199    6.723846
347.056077   65.629294    4492.367
 0.50000    8.336827  232.903401    6.723846
322.261296   65.025007    4479.285
 0.75000    8.336827  252.798933    6.723846
300.607271   65.475297    4454.541
 1.00000    8.336827  274.223829    6.723846
300.605927   66.772675    4413.187
```

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.954364	-267.997050	-6.703396
-286.109740	-50.555254	-975.161806	
0.25000	-13.954364	-246.412968	-6.703396
-286.109740	-48.911512	-921.853139	
0.50000	-13.954364	-226.147047	-6.703396
-309.456818	-48.003044	-868.544471	
0.75000	-13.954364	-206.702478	-6.703396
-333.960370	-47.947775	-815.235804	
1.00000	-13.954364	-188.454385	-6.703396
-355.826673	-48.647314	-761.927137	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.021646	17.307507	2.430113
37.673874	1.497133	854.122662	
0.25000	2.021646	17.319656	2.430113
37.632967	1.738706	841.869976	
0.50000	2.021646	17.332727	2.430113
37.598385	2.039486	829.961499	
0.75000	2.021646	17.346466	2.430113
37.565641	2.345887	818.349519	
1.00000	2.021646	17.362010	2.430113
37.535353	2.665223	807.270574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
842

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.135220	-14.884525	-3.533640
-94.899173	-56.751348	-343.784117	
0.25000	-2.135220	-14.868887	-3.533640
-94.928747	-55.148601	-325.645415	
0.50000	-2.135220	-14.854930	-3.533640
-94.960497	-54.264671	-307.506714	
0.75000	-2.135220	-14.841503	-3.533640
-94.993860	-54.139093	-289.368012	
1.00000	-2.135220	-14.828860	-3.533640
-95.034730	-54.717213	-271.229310	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.450408	41.266408	5.168587
85.752892	4.500366	1757.805	
0.25000	3.450408	41.278551	5.168587
85.712072	3.800680	1734.093	
0.50000	3.450408	41.291615	5.168587
85.677558	4.287645	1712.941	
0.75000	3.450408	41.305347	5.168587
85.644883	4.884267	1693.941	
1.00000	3.450408	41.320878	5.168587
85.614662	5.518695	1677.821	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.877341	-30.156056	-5.678238
-187.988346	-82.877572	-617.843495	
0.25000	-9.877341	-30.140430	-5.678238
-188.017856	-80.445004	-584.941504	
0.50000	-9.877341	-30.126481	-5.678238
-188.049541	-79.361046	-552.039512	
0.75000	-9.877341	-30.113060	-5.678238
-188.082791	-79.886648	-519.137521	
1.00000	-9.877341	-30.100423	-5.678238
-188.123574	-81.838634	-486.235529	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.085490	82.159764	4.334256
189.586494	10.336191	2928.238	
0.25000	4.085490	82.170693	4.334256
189.549743	10.184873	2884.593	
0.50000	4.085490	82.182452	4.334256
189.518670	10.996353	2852.371	
0.75000	4.085490	82.194812	4.334256
189.489252	12.001356	2832.679	
1.00000	4.085490	82.208792	4.334256
189.462043	13.219742	2825.266	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.984258	-67.170381	-5.560715
-277.859503	-71.831456	-851.562261	
0.25000	-7.984258	-67.156317	-5.560715
-277.886071	-69.856161	-805.697200	
0.50000	-7.984258	-67.143761	-5.560715
-277.914597	-68.926559	-759.832139	
0.75000	-7.984258	-67.131682	-5.560715
-277.944540	-69.143728	-713.967079	
1.00000	-7.984258	-67.120308	-5.560715
-277.981257	-70.400569	-668.102018	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.531581	163.616516	5.827792
364.731409	49.035708	4075.342	
0.25000	10.531581	175.940164	5.827792
328.558104	47.949932	4057.311	
0.50000	10.531581	189.230727	5.827792
302.403584	48.018889	4035.711	
0.75000	10.531581	203.226849	5.827792
279.434845	48.240154	4012.713	
1.00000	10.531581	218.687315	5.827792
254.682669	50.451859	3983.390	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
843

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.862294	-210.156785	-7.167022
-283.170853	-63.134334	-964.352355	
0.25000	-10.862294	-194.592769	-7.167022
-301.949488	-61.194903	-911.910608	
0.50000	-10.862294	-180.355747	-7.167022
-323.794666	-60.128593	-859.468861	
0.75000	-10.862294	-166.677103	-7.167022
-353.196391	-60.020319	-807.027114	
1.00000	-10.862294	-153.817948	-7.167022
-387.480716	-60.788107	-754.585367	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.020470	138.269533	5.267007
283.647649	101.208846	2765.001	
0.25000	5.020470	155.761455	5.267007
291.701221	96.684495	2801.899	
0.50000	5.020470	174.723003	5.267007
298.710587	92.767076	2805.387	
0.75000	5.020470	194.714541	5.267007
304.607350	89.567869	2774.534	
1.00000	5.020470	215.263154	5.267007
309.459974	86.978728	2710.094	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.898877	-227.695557	-2.421700
-190.399604	-7.369513	-504.545346	
0.25000	-18.898877	-206.914988	-2.421700
-189.947948	-6.476039	-476.336415	
0.50000	-18.898877	-186.540939	-2.421700
-188.452348	-5.612736	-448.142451	
0.75000	-18.898877	-167.101502	-2.421700
-185.843622	-4.831563	-419.865132	
1.00000	-18.898877	-149.000687	-2.421700
-182.191019	-4.733848	-391.730717	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.876850	217.924338	6.730220
404.231849	141.463055	4602.283	
0.25000	13.876850	239.286765	6.730220
407.528242	137.382753	4617.654	
0.50000	13.876850	262.459523	6.730220
410.824494	134.104578	4602.028	
0.75000	13.876850	286.929331	6.730220
413.857411	131.668356	4560.678	
1.00000	13.876850	312.137407	6.730220
415.366711	129.870228	4488.672	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.702102	-328.812510	-5.232738
-283.205536	-13.597520	-898.590664	
0.25000	-22.702102	-303.345173	-5.232738
-283.205536	-12.224694	-848.519579	
0.50000	-22.702102	-278.462634	-5.232738
-283.205536	-11.127326	-798.458376	
0.75000	-22.702102	-254.753599	-5.232738
-282.941751	-10.051422	-748.301262	
1.00000	-22.702102	-232.698883	-5.232738
-281.154658	-9.007068	-698.233055	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.382137	233.309243	6.596490
433.759529	129.342221	5587.656	
0.25000	11.382137	252.938066	6.596490
436.126960	125.481685	5584.310	
0.50000	11.382137	274.233807	6.596490
438.494212	122.665396	5553.035	
0.75000	11.382137	296.725109	6.596490
440.746713	120.719276	5497.034	
1.00000	11.382137	319.899875	6.596490
441.721444	119.483753	5412.910	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
844

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.847706	-333.402938	-5.117257
-349.152332	-17.302709	-1206.465	
0.25000	-22.847706	-309.993071	-5.117257
-349.152332	-16.017217	-1139.667	
0.50000	-22.847706	-287.126421	-5.117257
-349.152332	-15.024250	-1072.870	
0.75000	-22.847706	-265.342205	-5.117257
-349.037118	-14.174366	-1005.991	
1.00000	-22.847706	-245.081983	-5.117257
-347.644418	-13.442440	-939.199037	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.028324	211.691094	7.603923
393.353687	110.368875	5475.509	
0.25000	11.028324	228.052611	7.603923
395.327049	106.531781	5458.618	
0.50000	11.028324	245.803580	7.603923
397.300261	104.417321	5418.465	
0.75000	11.028324	264.551103	7.603923
399.177323	102.977589	5373.313	
1.00000	11.028324	283.868325	7.603923
399.990306	102.397431	5273.684	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.372302	-292.854382	-6.161530
-359.807461	-45.923330	-1292.894	
0.25000	-24.372302	-273.341194	-6.161530
-359.807461	-44.634719	-1221.874	
0.50000	-24.372302	-254.280801	-6.161530
-359.807461	-43.891884	-1150.859	
0.75000	-24.372302	-236.122665	-6.161530
-359.711425	-43.836714	-1079.771	
1.00000	-24.372302	-219.234849	-6.161530
-358.550546	-44.095595	-1008.746	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.142864	69.017212	0.856991
134.211821	29.616285	1929.500	
0.25000	9.142864	69.023785	0.856991
134.193267	30.408155	1893.957	
0.50000	9.142864	69.030969	0.856991
134.175505	31.414687	1867.253	
0.75000	9.142864	69.038609	0.856991
134.158934	32.562172	1855.852	
1.00000	9.142864	69.046565	0.856991
134.143972	33.759575	1855.180	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.207242	-71.236485	-2.487249
-134.063354	-6.479692	-450.376371	
0.25000	-3.207242	-71.220805	-2.487249
-134.077441	-6.166616	-425.508821	
0.50000	-3.207242	-71.220805	-2.487249
-134.093154	-6.064629	-400.633823	
0.75000	-3.207242	-71.213521	-2.487249
-134.110070	-5.970872	-375.731927	
1.00000	-3.207242	-71.206815	-2.487249
-134.127755	-5.887911	-350.831126	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.376042	102.792523	2.397563
197.137823	28.730140	3318.569	
0.25000	7.376042	102.799097	2.397563
197.119269	28.598771	3263.544	
0.50000	7.376042	102.806281	2.397563
197.101507	29.710531	3218.544	
0.75000	7.376042	102.813921	2.397563
197.084936	31.003398	3187.901	
1.00000	7.376042	102.821877	2.397563
197.069974	32.489496	3167.704	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
845

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.749131	-101.989610	-3.297978
-235.157378	-21.305317	-863.313985	
0.25000	-8.749131	-101.981629	-3.297978
-235.171465	-20.891457	-816.013595	
0.50000	-8.749131	-101.973930	-3.297978
-235.187178	-21.094434	-768.723505	
0.75000	-8.749131	-101.966646	-3.297978
-235.204094	-21.605514	-721.430299	
1.00000	-8.749131	-101.959940	-3.297978
-235.221780	-22.343699	-674.053051	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.332182	198.576644	5.489588
392.119110	95.136088	5111.798	
0.25000	11.332182	215.890987	5.489588
359.134985	93.202322	5103.372	
0.50000	11.332182	234.774692	5.489588
327.250170	92.537066	5069.359	
0.75000	11.332182	254.739097	5.489588
299.477093	92.249081	5011.669	
1.00000	11.332182	275.449110	5.489588
295.438810	92.329544	4928.617	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.127405	-283.418763	-5.123693
-270.338219	-25.133898	-1178.240	
0.25000	-18.127405	-262.578150	-5.123693
-271.319648	-23.255404	-1131.287	
0.50000	-18.127405	-242.340691	-5.123693
-296.007983	-23.884437	-1048.313	
0.75000	-18.127405	-223.143158	-5.123693
-324.808603	-23.782810	-983.361717	
1.00000	-18.127405	-205.375215	-5.123693
-354.703722	-23.870138	-918.271345	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.070812	181.107895	6.413635
356.008185	80.772605	5028.011	
0.25000	11.070812	195.527471	6.413635
329.138642	79.271494	5007.176	
0.50000	11.070812	211.231543	6.413635
302.584616	78.924389	4964.080	
0.75000	11.070812	227.880606	6.413635
279.454891	78.931789	4901.230	
1.00000	11.070812	245.128133	6.413635
276.091764	79.302273	4817.359	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.385681	-250.260547	-6.421908
-292.723051	-60.275894	-1276.356	
0.25000	-17.385681	-232.904254	-6.421908
-293.540395	-59.061674	-1206.615	
0.50000	-17.385681	-216.050275	-6.421908
-314.101113	-58.488364	-1136.866	
0.75000	-17.385681	-200.063559	-6.421908
-338.086587	-58.376890	-1067.132	
1.00000	-17.385681	-185.265019	-6.421908
-362.983572	-58.681959	-997.279258	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.386502	23.052465	2.515216
49.283653	2.358783	1123.766	
0.25000	3.386502	23.059034	2.515216
49.265162	2.608677	1101.169	
0.50000	3.386502	23.066213	2.515216
49.247444	2.965665	1078.603	
0.75000	3.386502	23.073848	2.515216
49.230922	3.375183	1056.045	
1.00000	3.386502	23.081798	2.515216
49.216005	3.805216	1033.602	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
846

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.565043	-21.291055	-3.535097
-102.189811	-14.834054	-452.378507	
0.25000	-2.565043	-21.283080	-3.535097
-102.203851	-65.545958	-428.387194	
0.50000	-2.565043	-21.275386	-3.535097
-102.219512	-64.625097	-404.485189	
0.75000	-2.565043	-21.268107	-3.535097
-102.236374	-64.108187	-380.579327	
1.00000	-2.565043	-21.261404	-3.535097
-102.254003	-63.900301	-356.680401	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.936222	49.127811	5.132903
99.124542	6.427908	2244.258	
0.25000	4.936222	49.134382	5.132903
99.106020	5.660418	2204.382	
0.50000	4.936222	49.141563	5.132903
99.088288	6.313198	2164.881	
0.75000	4.936222	49.149200	5.132903
99.071745	7.134760	2126.008	
1.00000	4.936222	49.157153	5.132903
99.056808	8.123443	2087.516	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.500599	-44.306821	-5.577363
-191.618869	-94.925046	-817.927160	
0.25000	-10.500599	-44.298843	-5.577363
-191.632929	-93.292079	-774.301359	
0.50000	-10.500599	-44.291147	-5.577363
-191.648613	-92.749932	-730.668494	
0.75000	-10.500599	-44.283866	-5.577363
-191.665498	-93.354750	-687.063141	
1.00000	-10.500599	-44.277162	-5.577363
-191.683151	-94.671907	-643.426999	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.320769	89.683526	4.325239
179.728776	15.909073	3566.921	
0.25000	6.320769	89.754491	4.325239
179.528730	16.010066	3508.435	
0.50000	6.320769	89.832051	4.325239
179.337225	17.120130	3453.732	
0.75000	6.320769	89.914529	4.325239
179.158560	18.391386	3403.225	
1.00000	6.320769	90.000419	4.325239
178.997249	19.817915	3357.021	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.546885	-85.818974	-5.445083
-273.692619	-84.837557	-1114.601	
0.25000	-9.546885	-85.732817	-5.445083
-273.844466	-83.636876	-1054.504	
0.50000	-9.546885	-85.649697	-5.445083
-274.013851	-83.130063	-994.417047	
0.75000	-9.546885	-85.571060	-5.445083
-274.196209	-83.281553	-934.327275	
1.00000	-9.546885	-85.498657	-5.445083
-274.386866	-83.973570	-874.190891	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.407662	156.107713	5.674405
340.261170	60.163860	4652.009	
0.25000	12.407662	166.566514	5.674405
315.085318	59.786329	4616.140	
0.50000	12.407662	177.984178	5.674405
290.878491	60.447958	4567.036	
0.75000	12.407662	190.105741	5.674405
268.366915	61.318013	4506.698	
1.00000	12.407662	202.700263	5.674405
248.232049	62.464643	4433.326	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
847

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.696384	-204.953412	-6.813377
-295.773031	-75.807456	-1262.335	
0.25000	-13.696384	-192.310709	-6.813377
-314.307135	-74.353878	-1193.717	
0.50000	-13.696384	-180.062732	-6.813377
-335.217994	-73.596414	-1125.078	
0.75000	-13.696384	-168.465448	-6.813377
-357.823870	-73.392386	-1056.422	
1.00000	-13.696384	-157.759450	-6.813377
-381.405500	-73.646982	-987.675304	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.428666	264.723354	8.006485
469.069931	122.300013	5205.400	
0.25000	13.428666	289.530473	8.006485
469.069931	118.210970	5222.814	
0.50000	13.428666	316.472924	8.006485
469.069931	115.529848	5221.842	
0.75000	13.428666	345.003250	8.006485
469.069931	114.315825	5203.469	
1.00000	13.428666	374.484945	8.006485
469.069931	114.662001	5160.584	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.845146	-386.333742	-7.167022
-352.244982	-82.877572	-987.738204	
0.25000	-18.845146	-354.191679	-7.167022
-352.244982	-80.445004	-933.439317	
0.50000	-18.845146	-322.461364	-7.167022
-352.244982	-79.362046	-879.140430	
0.75000	-18.845146	-292.094704	-7.167022
-353.196391	-79.886648	-824.841543	
1.00000	-18.845146	-264.758526	-7.167022
-387.480716	-81.838634	-770.542655	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.876850	233.309243	7.603923
433.759529	141.463055	5587.656	
0.25000	13.876850	252.938066	7.603923
436.126960	137.382753	5584.310	
0.50000	13.876850	274.233807	7.603923
438.494212	134.104578	5553.035	
0.75000	13.876850	296.725109	7.603923
440.746713	131.668356	5497.034	
1.00000	13.876850	319.899875	7.603923
441.721444	129.870228	5412.910	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.372302	-333.402938	-6.813377
-359.807461	-94.925046	-1292.894	
0.25000	-24.372302	-309.993071	-6.813377
-359.807461	-93.292079	-1221.874	
0.50000	-24.372302	-287.126421	-6.813377
-359.807461	-92.749932	-1150.859	
0.75000	-24.372302	-265.342205	-6.813377
-359.711425	-93.354750	-1079.771	
1.00000	-24.372302	-245.081983	-6.813377
-381.405500	-94.671907	-1008.746	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.876850	264.723354	8.006485
469.069931	141.463055	5587.656	
0.25000	13.876850	289.530473	8.006485
469.069931	137.382753	5584.310	
0.50000	13.876850	316.472924	8.006485
469.069931	134.104578	5553.035	
0.75000	13.876850	345.003250	8.006485
469.069931	131.668356	5497.034	
1.00000	13.876850	374.484945	8.006485
469.069931	129.870228	5412.910	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
848

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.372302	-386.333742	-7.167022
-359.807461	-94.925046	-1292.894	
0.25000	-24.372302	-354.191679	-7.167022
-359.807461	-93.292079	-1221.874	
0.50000	-24.372302	-322.461364	-7.167022
-359.807461	-92.749932	-1150.859	
0.75000	-24.372302	-292.094704	-7.167022
-359.711425	-93.354750	-1079.771	
1.00000	-24.372302	-264.758526	-7.167022
-387.480716	-94.671907	-1008.746	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.876850	264.723354	8.006485
469.069931	141.463055	5587.656	
0.25000	13.876850	289.530473	8.006485
469.069931	137.382753	5584.310	
0.50000	13.876850	316.472924	8.006485
469.069931	134.104578	5553.035	
0.75000	13.876850	345.003250	8.006485
469.069931	131.668356	5497.034	
1.00000	13.876850	374.484945	8.006485
469.069931	129.870228	5412.910	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.372302	-386.333742	-7.167022
-359.807461	-94.925046	-1292.894	
0.25000	-24.372302	-354.191679	-7.167022
-359.807461	-93.292079	-1221.874	
0.50000	-24.372302	-322.461364	-7.167022
-359.807461	-92.749932	-1150.859	
0.75000	-24.372302	-292.094704	-7.167022
-359.711425	-93.354750	-1079.771	
1.00000	-24.372302	-264.758526	-7.167022
-387.480716	-94.671907	-1008.746	

ELEM 52 ========== LENGTH = 4.988329

COMB DB-G1-1 ---------- MAX

```
  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   3.265734  187.310119    9.754092
426.835019  79.719269  2730.385
 0.25000   3.265734  209.325200    9.754092
426.835019  69.685611  2736.248
 0.50000   3.265734  233.317788    9.754092
426.835019  60.724413  2707.497
 0.75000   3.265734  258.804978    9.754092
426.835019  52.564326  2639.618
 1.00000   3.265734  284.394239    9.754092
426.835019  45.253946  2530.915

 COMB DB-G1-1 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.639218 -251.719871   -0.689312
-60.304320   -3.188175 -298.050669
 0.25000  -12.639218 -225.756518   -0.689312
-60.304320   -3.771276 -277.993616
 0.50000  -12.639218 -199.378782   -0.689312
-60.304320   -5.431441 -257.936564
 0.75000  -12.639218 -174.027978   -0.689312
-60.304320   -7.096969 -237.879511
 1.00000  -12.639218 -150.204832   -0.689312
-60.304320   -8.765338 -217.822459

 COMB DB-G1-2 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  13.077408  290.522305   12.056822
576.523693  114.300055  4453.931
 0.25000  13.077408  318.236786   12.056822
576.523693  104.470378  4403.962
 0.50000  13.077408  348.347144   12.056822
576.523693   99.454435  4325.078
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       849

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  REL DIST          P          V2          V3
        T         M2          M3
 0.75000  13.077408  380.278394   12.056822
576.523693   98.037484  4217.698
 1.00000  13.077408  413.109507   12.056822
576.523693   97.974511  4077.252

 COMB DB-G1-2 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.575308 -343.703449   -6.518120
-134.729934   -6.490608 -532.563303
 0.25000  -15.575308 -310.436891   -6.518120
-134.729934   -6.294198 -496.454609
 0.50000  -15.575308 -277.466879   -6.518120
-134.729934   -6.304046 -460.345916
 0.75000  -15.575308 -245.753138   -6.518120
-134.729934   -6.504716 -424.237223
 1.00000  -15.575308 -215.889327   -6.518120
-134.729934   -8.288810 -388.128529

 COMB DB-G1-3 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.877362  312.835414   10.721674
560.684674  103.376385  5159.968
 0.25000   8.877362  338.289480   10.721674
560.684674   94.024316  5069.513
 0.50000   8.877362  365.939096   10.721674
560.684674   87.581100  4952.252
 0.75000   8.877362  395.256196   10.721674
560.684674   83.905424  4814.283
 1.00000   8.877362  425.458674   10.721674
560.684674   81.762813  4646.583

 COMB DB-G1-3 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.481400 -318.547759   -4.836834
-244.703024   -8.294496 -709.500331
 0.25000  -15.481400 -287.948103   -4.836834
-244.703024   -8.175387 -660.873529
 0.50000  -15.481400 -257.882914   -4.836834
-244.703024   -8.235275 -612.246727
 0.75000  -15.481400 -228.568485   -4.836834
-244.703024   -8.427638 -563.619925
 1.00000  -15.481400 -201.150092   -4.836834
-244.703024   -9.999382 -514.993123

 COMB DB-G1-4 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.432030  287.862798   12.658258
487.563681   87.396408  4929.128
 0.25000   8.432030  309.074521   12.658258
487.563681   79.827212  4824.535
 0.50000   8.432030  332.115867   12.658258
487.563681   74.714073  4699.826
 0.75000   8.432030  356.546784   12.658258
487.563681   72.088917  4555.249
 1.00000   8.432030  381.715515   12.658258
487.563681   71.285081  4388.070

 COMB DB-G1-4 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.588100 -275.882193   -6.489119
-321.412807  -36.105149 -770.427022
 0.25000  -18.588100 -250.382479   -6.489119
-321.412807  -35.824290 -717.060487
 0.50000  -18.588100 -225.161489   -6.489119
-321.412807  -36.100529 -663.693952
 0.75000  -18.588100 -200.899464   -6.489119
-321.412807  -38.376529 -610.327417
 1.00000  -18.588100 -178.050804   -6.489119
-321.412807  -42.747966 -556.960882

 COMB DB-G2-1 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.813687   90.488418    1.230372
155.244371   24.366857   1737.009
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       850

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  REL DIST          P          V2          V3
        T         M2          M3
 0.25000  10.813687   90.500810    1.230372
155.202883   26.570265   1654.447
 0.50000  10.813687   90.514148    1.230372
155.167584   31.787687   1590.180
 0.75000  10.813687   90.528185    1.230372
155.134005   39.733437   1549.744
 1.00000  10.813687   90.544057    1.230372
155.102772   47.801419   1531.102

 COMB DB-G2-1 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -2.526957  -43.086375   -6.483194
-120.672354   -3.681169 -270.719772
 0.25000  -2.526957  -43.070376   -6.483194
-120.693653   -3.514548 -252.038531
 0.50000  -2.526957  -43.056021   -6.483194
-120.722160   -3.456246 -233.357289
 0.75000  -2.526957  -43.042159   -6.483194
-120.755599   -3.490335 -214.676048
 1.00000  -2.526957  -43.029046   -6.483194
-120.794843   -3.591974 -195.994806

 COMB DB-G2-2 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   7.142383  138.437347    3.734616
181.741551   23.053805  2818.752
 0.25000   7.142383  138.449740    3.734616
181.700048   23.669125  2689.677
 0.50000   7.142383  138.463078    3.734616
181.664737   26.508753  2580.347
 0.75000   7.142383  138.477117    3.734616
181.631147   31.471862  2495.833
 1.00000   7.142383  138.492991    3.734616
181.599902   36.889543  2435.531

 COMB DB-G2-2 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -7.718286  -50.464636   -5.747825
-267.862456  -17.532453 -514.619178
 0.25000  -7.718286  -50.448634   -5.747825
-267.883763  -17.400773 -478.706964
 0.50000  -7.718286  -50.434278   -5.747825
-267.912322  -18.010060 -442.794751
 0.75000  -7.718286  -50.420416   -5.747825
-267.945771  -20.565797 -406.882538
 1.00000  -7.718286  -50.407301   -5.747825
-267.985030  -23.861232 -370.970325

 COMB DB-G2-3 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.657479  269.707669    9.300822
456.056406   76.875050  4624.548
 0.25000   8.657479  291.136925    9.300822
429.380982   71.989763  4528.220
 0.50000   8.657479  314.312601    9.300822
399.513690   69.447270  4411.704
 0.75000   8.657479  338.799070    9.300822
373.145653   69.730155  4274.647
 1.00000   8.657479  365.196581    9.300822
373.145653   71.427269  4115.139

 COMB DB-G2-3 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -14.094364 -257.793436   -7.297208
-274.104128  -18.393850 -700.425580
 0.25000 -14.094364 -231.116075   -7.297208
-274.104128  -18.215683 -652.075711
 0.50000 -14.094364 -205.950929   -7.297208
-274.104128  -18.787245 -603.725843
 0.75000 -14.094364 -181.699056   -7.297208
-276.354117  -21.161083 -555.375975
 1.00000 -14.094364 -158.611123   -7.297208
-303.0077160  -24.230728 -506.026107
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       851

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.133101  248.670570    9.110433
404.927184   65.218939  4413.535
 0.25000   8.133101  266.518001    9.110433
382.723560   61.376709  4306.030
 0.50000   8.133101  285.820054    9.110433
357.862107   59.489063  4181.757
 0.75000   8.133101  306.213904    9.110433
336.017224   59.972218  4040.718
 1.00000   8.133101  328.198127    9.110433
336.017224   62.684144  3881.265

 COMB DB-G2-4 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -13.601045 -224.969038   -9.158277
-346.048313  -49.110511 -761.929701
 0.25000 -13.601045 -202.751682   -9.158277
-346.048313  -47.137012 -709.777013
 0.50000 -13.601045 -181.792466   -9.158277
-346.048313  -46.369829 -655.624326
 0.75000 -13.601045 -161.593931   -9.158277
-347.806814  -47.518356 -602.471639
 1.00000 -13.601045 -142.531427   -9.158277
-370.052939  -49.723263 -549.318951

 COMB DB-G3-1 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   1.594071   34.987095    0.621196
41.132488   1.759701  807.873795
 0.25000   1.594071   34.994493    0.621196
41.090911   2.110248  767.599355
 0.50000   1.594071   35.012838    0.621196
41.055542   2.468607  727.469230
 0.75000   1.594071   35.026882    0.621196
41.021894   2.834812  687.762976
 1.00000   1.594071   35.042766    0.621196
40.990591   4.846836  648.268763

 COMB DB-G3-1 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -1.758277  -15.893753   -5.297537
-180.689096  -55.343182 -271.794459
 0.25000  -1.758277  -15.877742   -5.297537
-180.710442  -51.328583 -251.805459
 0.50000  -1.758277  -15.863380   -5.297537
-180.739259  -48.108707 -232.159723
 0.75000  -1.758277  -15.849512   -5.297537
-180.772762  -45.627423 -212.513988
 1.00000  -1.758277  -15.836392   -5.297537
-180.812091  -43.771137 -192.868252

 COMB DB-G3-2 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   2.767636   73.940391    5.979774
64.152400   4.085625   1678.806
 0.25000   2.767636   73.952783    5.979774
64.110911   4.725396   1599.636
 0.50000   2.767636   73.966120    5.979774
64.075613   5.544493   1522.549
 0.75000   2.767636   73.980156    5.979774
64.042034   6.603350   1447.518
 1.00000   2.767636   73.996029    5.979774
64.010801   9.646429   1374.698

 COMB DB-G3-2 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -9.547589  -28.989277   -7.719998
-317.898790  -82.786103 -486.550794
 0.25000  -9.547589  -28.973278   -7.719998
-317.920089  -78.482697 -451.614117
 0.50000  -9.547589  -28.958923   -7.719998
-317.948596  -77.168802 -416.677440
 0.75000  -9.547589  -28.945061   -7.719998
-317.982035  -79.756013 -381.740762
 1.00000  -9.547589  -28.931948   -7.719998
-318.021279  -83.966951 -346.804085
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       852

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   3.629679  127.960459    3.471642
143.826635   11.366587  2826.299
 0.25000   3.629679  127.971613    3.471642
143.789282   11.953897  2697.241
 0.50000   3.629679  127.983618    3.471642
143.757503   12.851721  2578.612
 0.75000   3.629679  127.996253    3.471642
143.727271   14.205384  2470.293
 1.00000   3.629679  128.010539    3.471642
143.699151   17.630482  2373.787

 COMB DB-G3-3 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -7.329510  -40.520733   -7.604704
-395.402051  -70.814584 -668.163946
 0.25000  -7.329510  -40.506332   -7.604704
-395.421227  -66.940489 -620.913340
 0.50000  -7.329510  -40.493411   -7.604704
-395.446930  -64.429279 -573.462735
 0.75000  -7.329510  -40.480935   -7.604704
-395.477035  -64.320908 -526.012130
 1.00000  -7.329510  -40.469182   -7.604704
-395.512368  -65.531019 -478.561524

 COMB DB-G3-4 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.261678  215.290820    6.276891
373.243800   48.701769   3984.071
 0.25000  10.261678  227.884481    6.276891
336.580920   47.268784   3863.679
 0.50000  10.261678  241.471072    6.276891
311.283374   47.851402   3736.203
 0.75000  10.261678  255.797819    6.276891
288.169311   50.776611   3602.807
 1.00000  10.261678  271.627683    6.276891
263.156648   56.187794   3462.440

 COMB DB-G3-4 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -10.168108 -171.874446   -11.282507
-373.902698  -61.264465 -754.688867
 0.25000 -10.168108 -155.897964   -11.282507
-373.902698  -57.928194 -701.716334
 0.50000 -10.168108 -141.211385   -11.282507
-390.852029  -55.817203 -648.743802
 0.75000 -10.168108 -127.043609   -11.282507
-410.452019  -55.751552 -595.771269
 1.00000 -10.168108 -113.656399   -11.282507
-440.729936  -56.817086 -542.798736

 COMB DL-G1-1 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   4.482042  158.177919   11.125169
438.984122   87.858855   2708.919
 0.25000   4.482042  176.656945   11.125169
447.490514   75.579716   2695.623
 0.50000   4.482042  196.662819   11.125169
455.996906   63.809302   2647.861
 0.75000   4.482042  217.774976   11.125169
464.503297   53.222396   2564.915
 1.00000   4.482042  239.519323   11.125169
473.009689   44.661627   2447.024

 COMB DL-G1-1 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -18.585416 -201.434546   -1.043918
-89.977772   -5.431202 -391.422509
 0.25000 -18.585416 -181.117059   -1.043918
-89.977772   -6.704992 -365.063147
 0.50000 -18.585416 -161.218185   -1.043918
-89.977772   -8.093972 -338.669847
 0.75000 -18.585416 -142.209087   -1.043918
-89.977772  -10.082420 -312.213439
 1.00000 -18.585416 -124.579767   -1.043918
-89.977772  -13.449690 -285.877973
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       853

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  13.332600  256.449460   13.117512
589.313389  130.407798   4487.314
 0.25000  13.332600  278.979439   13.117512
592.610233  119.302177   4415.085
 0.50000  13.332600  303.386901   13.117512
595.907078  110.755646   4307.461
 0.75000  13.332600  329.180959   13.117512
599.203922  104.663172   4168.387
 1.00000  13.332600  355.802170   13.117512
602.500766  100.657632   4000.111

 COMB DL-G1-2 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -22.076277 -282.515740   -6.103232
-167.511177   -10.138513 -697.796313
 0.25000 -22.076277 -257.638374   -6.103232
-167.511177   -9.807790 -650.524841
 0.50000 -22.076277 -233.318385   -6.103232
-167.511177   -9.907741 -603.229200
 0.75000 -22.076277 -210.129048   -6.103232
-167.511177  -10.857761 -555.686691
 1.00000 -22.076277 -188.641752   -6.103232
-167.511177  -13.222932 -508.399819

 COMB DL-G1-3 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.682955  288.982139   12.160458
563.899578  119.067211   5412.031
 0.25000  10.682955  309.689357   12.160458
566.267333  108.889689   5289.995
 0.50000  10.682955  332.106915   12.160458
568.635088  100.461701   5135.333
 0.75000  10.682955  355.810982   12.160458
571.002844   94.206456   4953.883
 1.00000  10.682955  380.280182   12.160458
573.370599   89.903841   4743.136

 COMB DL-G1-3 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -21.936576 -274.610059   -5.292053
-276.342966  -13.971371 -938.857046
 0.25000 -21.936576 -251.742659   -5.292053
-276.342966  -13.666653 -874.482518
 0.50000 -21.936576 -229.392449   -5.292053
-276.342966  -13.599268 -810.138837
 0.75000 -21.936576 -208.085345   -5.292053
-276.342966  -14.563991 -745.579807
 1.00000 -21.936576 -188.346025   -5.292053
-276.342966  -17.127829 -681.249047

 COMB DL-G1-4 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.140781  275.986552   12.936986
494.114677  101.339409   5273.419
 0.25000  10.140781  293.239458   12.936986
496.088308   93.303970   5132.859
 0.50000  10.140781  311.933014   12.936986
498.061940   86.837111   4965.255
 0.75000  10.140781  331.691431   12.936986
500.035572   82.394618   4775.649
 1.00000  10.140781  352.087623   12.936986
502.009204   79.893712   4561.873

 COMB DL-G1-4 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -23.328537 -242.751079   -6.875436
-367.583882  -44.337137  -1008.605
 0.25000 -23.328537 -223.690061   -6.875436
-367.583882  -43.836711 -938.786218
 0.50000 -23.328537 -205.060145   -6.875436
-367.583882  -44.035254 -868.997173
 0.75000 -23.328537 -187.299704   -6.875436
-367.583882  -46.078025 -799.042340
 1.00000 -23.328537 -170.846083   -6.875436
-367.583882  -49.853158 -729.232243
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       854

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   9.201389   91.395302    1.267532
124.073073   33.032570   1855.202
 0.25000   9.201389   91.402178    1.267532
124.053633   35.936843   1777.560
 0.50000   9.201389   91.409680    1.267532
124.034934   40.281289   1703.194
 0.75000   9.201389   91.417660    1.267532
124.017449   46.069878   1641.559
 1.00000   9.201389   91.425979    1.267532
124.001556   51.925417   1591.920

 COMB DL-G2-1 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -2.892813  -48.915149   -5.485034
-122.294901   -5.725754 -350.755387
 0.25000  -2.892813  -48.907349   -5.485034
-122.308267   -5.667949 -326.561795
 0.50000  -2.892813  -48.899808   -5.485034
-122.323263   -5.654018 -302.378975
 0.75000  -2.892813  -48.892677   -5.485034
-122.339516   -5.677741 -278.153526
 1.00000  -2.892813  -48.886139   -5.485034
-122.356577   -5.730954 -253.956522

 COMB DL-G2-2 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   7.154892  148.436179    3.329774
147.648883   30.760663   3168.228
 0.25000   7.154892  148.443055    3.329774
147.629443   32.865227   3030.015
 0.50000   7.154892  148.450557    3.329774
147.610743   36.207340   2897.853
 0.75000   7.154892  148.458538    3.329774
147.593259   40.521273   2778.607
 1.00000   7.154892  148.466856    3.329774
147.577366   45.048446   2670.315

 COMB DL-G2-2 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -8.077471  -66.972158   -5.233225
-276.995616  -21.649892 -674.085930
 0.25000  -8.077471  -66.964357   -5.233225
-277.008982  -22.205187 -627.076973
 0.50000  -8.077471  -66.956817   -5.233225
-277.023979  -23.202262 -580.089666
 0.75000  -8.077471  -66.949685   -5.233225
-277.040231  -25.289743 -533.062680
 1.00000  -8.077471  -66.943148   -5.233225
-277.057292  -27.746256 -486.035332

 COMB DL-G2-3 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.912192  255.877607    9.217082
469.210201   91.071359   4928.334
 0.25000  10.912192  274.060226    9.217082
435.068742   87.255506   4804.524
 0.50000  10.912192  293.835710    9.217082
400.040971   84.487527   4651.422
 0.75000  10.912192  314.811125    9.217082
369.617000   82.856623   4472.525
 1.00000  10.912192  336.571879    9.217082
362.515497   82.460103   4267.474

 COMB DL-G2-3 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -17.187241 -231.121347   -6.810036
-291.194425  -23.841818 -918.075701
 0.25000 -17.187241 -210.744559   -6.810036
-291.203117  -24.216153 -854.730009
 0.50000 -17.187241 -190.950693   -6.810036
-291.606287  -24.980115 -791.444944
 0.75000 -17.187241 -172.166987   -6.810036
-316.717480  -26.900422 -728.040238
 1.00000 -17.187241 -154.848008   -6.810036
-343.985719  -29.836295 -664.707644
Program   SAP2000   Nonlinear   Version   7.42
          File:하행S06-S1003.OUT

                     Page
<          MOVING          LOAD          >
                       855

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000  10.451294  246.874607    8.952131
421.519431   77.510840   4817.638
 0.25000  10.451294  262.017292    8.952131
393.086047   74.655907   4676.601
 0.50000  10.451294  278.486533    8.952131
363.914533   72.852818   4511.313
 0.75000  10.451294  295.950090    8.952131
338.577114   72.242747   4324.415
 1.00000  10.451294  314.077686    8.952131
332.662904   73.212216   4116.008

 COMB DL-G2-4 ------------------ MIN

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000 -16.335125 -206.832027   -8.894610
-389.827183  -58.523610 -997.291769
 0.25000 -16.335125 -189.862013   -8.894610
-389.834422  -56.805866 -927.791971
 0.50000 -16.335125 -173.377463   -8.894610
-390.170187  -55.792126 -858.329348
 0.75000 -16.335125 -157.734186   -8.894610
-411.083065  -55.998189 -788.782952
 1.00000 -16.335125 -143.310749   -8.894610
-433.792356  -57.535448 -719.305922

 COMB DL-G3-1 ------------------ MAX

  REL DIST          P          V2          V3
        T         M2          M3
 0.00000   3.071061   49.758290    0.985134
51.150673   2.610604   1034.410
 0.25000   3.071061   49.765162    0.985134
51.131287   3.180465   978.423717
 0.50000   3.071061   49.772659    0.985134
51.112637   4.055737   922.425897
 0.75000   3.071061   49.780634    0.985134
51.095200   5.346700   866.471949
 1.00000   3.071061   49.788947    0.985134
51.079351   7.295006   810.705430

 COMB DL-G3-1 ------------------ MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.081196  -22.120333   -5.796452
-228.589287  -63.737657 -356.969004
 0.25000   -2.081196  -22.112838   -5.796452
-228.602603  -58.794077 -331.214484
 0.50000   -2.081196  -22.105003   -5.796452
-228.617547  -54.436310 -305.460502
 0.75000   -2.081196  -22.097876   -5.796452
-228.633745  -50.699395 -279.711028
 1.00000   -2.081196  -22.091342   -5.796452
-228.650746  -47.689671 -253.954037

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.263332   97.308409    5.423476
 76.766818   6.143826   2088.818
 0.25000    4.263332   97.315283    5.423476
 76.747409   7.273343   1981.808
 0.50000    4.263332   97.322782    5.423476
 76.728738   8.705947   1875.844
 0.75000    4.263332   97.330760    5.423476
 76.711280  10.753287   1770.804
 1.00000    4.263332   97.339075    5.423476
 76.695412  14.111135   1667.154

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.710850  -39.884620   -8.097707
-382.617489  -94.253295 -643.850132
 0.25000   -9.710850  -39.876823   -8.097707
-382.630826  -90.065481 -592.897505
 0.50000   -9.710850  -39.869285   -8.097707
-382.645793  -87.904954 -547.180926
 0.75000   -9.710850  -39.862135   -8.097707
-382.662013  -87.964714 -501.423107
 1.00000   -9.710850  -39.855621   -8.097707
-382.679041  -89.349486 -455.657899
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      856

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.738986  152.438306    3.779838
133.448579  17.091900   3358.369
 0.25000    5.738986  152.512543    3.779838
133.238963  19.055770   3202.377
 0.50000    5.738986  152.593536    3.779838
133.037314  21.365380   3048.449
 0.75000    5.738986  152.679694    3.779838
132.848777  24.353058   2897.428
 1.00000    5.738986  152.769503    3.779838
132.677400  28.491314   2750.838

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.515868  -61.810843   -8.202923
-450.290057  -94.253295 -874.553013
 0.25000   -8.515868  -61.726633   -8.202923
-450.434099  -79.206043 -812.570006
 0.50000   -8.515868  -61.645229   -8.202923
-450.595738  -76.143995 -750.615054
 0.75000   -8.515868  -61.568236   -8.202923
-450.770919  -74.827495 -688.626104
 1.00000   -8.515868  -61.497552   -8.202923
-450.954818  -74.625921 -626.616838

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.852233  222.866810    6.629212
367.897433  60.189473   4434.031
 0.25000   11.852233  233.827145    6.629212
341.025978  60.364623   4283.905
 0.50000   11.852233  245.771392    6.629212
315.112381  61.547752   4117.134
 0.75000   11.852233  258.463685    6.629212
290.894919  63.991283   3937.384
 1.00000   11.852233  271.659430    6.629212
269.016220  67.910548   3744.680

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.554963 -167.733353  -10.858396
-425.408082  -73.243167 -987.820199
 0.25000  -12.554963 -155.361509  -10.858396
-436.194076  -69.842057 -918.581221
 0.50000  -12.554963 -143.376967  -10.858396
-455.727830  -67.167115 -849.524774
 0.75000  -12.554963 -132.032194  -10.858396
-477.011103  -66.012319 -781.069804
 1.00000  -12.554963 -121.592992  -10.858396
-499.325852  -66.017828 -712.543014

 COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.077408  312.835414   12.658258
576.523693  114.300055   5159.968
 0.25000   13.077408  338.289480   12.658258
576.523693  104.470378   5069.513
 0.50000   13.077408  365.939096   12.658258
576.523693   99.454435   4954.252
 0.75000   13.077408  395.256196   12.658258
576.523693   98.037484   4814.283
 1.00000   13.077408  425.458674   12.658258
576.523693   97.974511   4646.583

 COMB     DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -18.588100 -343.703449  -11.282507
-395.402051  -82.786103 -770.427022
 0.25000  -18.588100 -310.436891  -11.282507
-395.421227  -78.482697 -717.060487
 0.50000  -18.588100 -277.466879  -11.282507
-395.446930  -77.168802 -663.693952
 0.75000  -18.588100 -245.753138  -11.282507
-410.452019  -79.756013 -610.327417
 1.00000  -18.588100 -215.889327  -11.282507
-440.729936  -83.596951 -556.960882
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      857

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.332600  288.982139   13.117512
589.313389  130.407798   5412.031
 0.25000   13.332600  309.680357   13.117512
592.610233  119.302177   5289.995
 0.50000   13.332600  332.106915   13.117512
595.907078  110.716646   5135.333
 0.75000   13.332600  355.810982   13.117512
599.203922  104.663172   4953.883
 1.00000   13.332600  380.280182   13.117512
602.500766  100.657632   4743.136

 COMB     DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.328537  -282.515740  -10.858396
-450.290057  -94.253295   -1008.605
 0.25000  -23.328537  -257.638374  -10.858396
-450.434099  -90.065481  -938.786218
 0.50000  -23.328537  -233.318385  -10.858396
-455.727830  -87.904954  -868.997173
 0.75000  -23.328537  -210.129048  -10.858396
-477.011103  -87.964714  -799.042340
 1.00000  -23.328537  -188.641752  -10.858396
-499.325852  -89.349486  -729.232243

 COMB     CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.332600  312.835414   13.117512
589.313389  130.407798   5412.031
 0.25000   13.332600  338.289480   13.117512
592.610233  119.302177   5289.995
 0.50000   13.332600  365.939096   13.117512
595.907078  110.716646   5135.333
 0.75000   13.332600  395.256196   13.117512
599.203922  104.663172   4953.883
 1.00000   13.332600  425.458674   13.117512
602.500766  100.657632   4743.136

 COMB     CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.328537  -343.703449  -11.282507
-450.290057  -94.253295   -1008.605
 0.25000  -23.328537  -310.436891  -11.282507
-450.434099  -90.065481  -938.786218
 0.50000  -23.328537  -277.466879  -11.282507
-455.727830  -87.904954  -868.997173
 0.75000  -23.328537  -245.753138  -11.282507
-477.011103  -87.964714  -799.042340
 1.00000  -23.328537  -215.889327  -11.282507
-499.325852  -89.349486  -729.232243

 COMB  DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.332600  312.835414   13.117512
589.313389  130.407798   5412.031
 0.25000   13.332600  338.289480   13.117512
592.610233  119.302177   5289.995
 0.50000   13.332600  365.939096   13.117512
595.907078  110.716646   5135.333
 0.75000   13.332600  395.256196   13.117512
599.203922  104.663172   4953.883
 1.00000   13.332600  425.458674   13.117512
602.500766  100.657632   4743.136

 COMB  DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -23.328537  -343.703449  -11.282507
-450.290057  -94.253295   -1008.605
 0.25000  -23.328537  -310.436891  -11.282507
-450.434099  -90.065481  -938.786218
 0.50000  -23.328537  -277.466879  -11.282507
-455.727830  -87.904954  -868.997173
 0.75000  -23.328537  -245.753138  -11.282507
-477.011103  -87.964714  -799.042340
 1.00000  -23.328537  -215.889327  -11.282507
-499.325852  -89.349486  -729.232243
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      858

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      53 ================== LENGTH
=     4.987261

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.833822  212.686786   14.623812
537.964739   44.839162   2529.398
 0.25000    2.833822  235.739250   14.623812
537.964739   28.052100   2468.257
 0.50000    2.833822  260.927711   14.623812
537.964739   12.038541   2366.983
 0.75000    2.833822  287.806325   14.623812
537.964739    9.620339   2337.272
 1.00000    2.833822  315.000021   14.623812
537.964739   10.822731   2056.513

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.397436 -220.207119   -0.966098
-54.688837   -8.687038 -217.565134
 0.25000  -12.397436 -192.121527   -0.966098
-54.688837  -12.673298 -197.820494
 0.50000  -12.397436 -163.197383   -0.966098
-54.688837  -21.660366 -178.075555
 0.75000  -12.397436 -134.850305   -0.966098
-54.688837  -32.656971 -158.331215
 1.00000  -12.397436 -108.639666   -0.966098
-54.688837  -45.693879 -138.586575

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.734916  336.559132   17.425904
679.302960   97.001877   4075.710
 0.25000   12.734916  365.460991   17.425904
679.302960   89.809505   3911.552
 0.50000   12.734916  396.977654   17.425904
679.302960   83.813872   3708.917
 0.75000   12.734916  430.585089   17.425904
679.302960   82.829151   3483.251
 1.00000   12.734916  465.359403   17.425904
679.302960   94.402057   3220.794

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.982042 -288.650028   -9.304547
-127.627523   -8.729813 -387.761147
 0.25000  -14.982042 -252.688679   -9.304547
-127.627523  -16.399239 -352.095020
 0.50000  -14.982042 -216.952663   -9.304547
-127.627523  -26.379518 -316.428892
 0.75000  -14.982042 -181.688251   -9.304547
-127.627523  -38.531399 -280.762765
 1.00000  -14.982042 -149.180923   -9.304547
-127.627523  -52.780529 -245.096637

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.690647  372.643180   15.579914
595.225848   79.959780   4645.643
 0.25000    8.690647  399.178656   15.579914
595.225848   69.510002   4420.826
 0.50000    8.690647  428.112656   15.579914
595.225848   60.566014   4158.826
 0.75000    8.690647  458.963650   15.579914
595.225848   56.156241   3875.634
 1.00000    8.690647  490.945270   15.579914
595.225848   64.611861   3558.396

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.586136 -273.951854   -7.036176
-262.011604   -9.979290 -514.686874
 0.25000  -14.586136 -241.074044   -7.036176
-262.011604  -16.976873 -466.408317
 0.50000  -14.586136 -208.102147   -7.036176
-262.011604  -26.096894 -418.129760
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      859

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -14.586136 -175.743081   -7.036176
-262.011604  -37.215251 -369.852450
 1.00000  -14.586136 -145.923030   -7.036176
-262.011604  -50.239778 -321.576075

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.005219  349.914252   17.648914
517.375326   69.338240   4387.962
 0.25000    8.005219  372.027149   17.648914
517.375326   61.723638   4152.327
 0.50000    8.005219  396.138816   17.648914
517.375326   55.651870   3886.210
 0.75000    8.005219  421.847977   17.648914
517.375326   53.731465   3602.821
 1.00000    8.005219  448.499335   17.648914
517.375326   62.712460   3291.652

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.870857  -238.718238   -8.754142
-379.837953  -42.921517 -556.826895
 0.25000  -17.870857  -211.320063   -8.754142
-379.837953  -51.894477 -503.565459
 0.50000  -17.870857  -183.843482   -8.754142
-379.837953  -63.441147 -450.304024
 0.75000  -17.870857  -156.875560   -8.754142
-379.837953  -77.426122 -397.043301
 1.00000  -17.870857  -132.027551   -8.754142
-379.837953  -93.593144 -343.783669

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.011611  113.936704    1.502048
106.999142  47.244420   1531.264
 0.25000   11.011611  113.949400    1.502048
106.955380  59.021584   1399.732
 0.50000   11.011611  113.963188    1.502048
106.917765  70.808601   1281.407
 0.75000   11.011611  113.977838    1.502048
106.881136  82.581972   1180.347
 1.00000   11.011611  113.994441    1.502048
106.843319  94.365447   1102.644

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.151535  -25.286724   -9.462045
-116.022739  -3.494932 -195.920891
 0.25000   -2.151535  -25.269930   -9.462045
-116.035426  -4.777923 -177.319436
 0.50000   -2.151535  -25.254684   -9.462045
-116.058425  -4.106074 -158.717981
 0.75000   -2.151535  -25.239644   -9.462045
-116.087985  -4.476581 -140.116526
 1.00000   -2.151535  -25.225998   -9.462045
-116.129428  -4.870195 -121.515071

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.308061  180.593689    4.964025
92.978190   35.205001   2436.338
 0.25000    7.308061  180.606386    4.964025
92.934412   41.857035   2228.196
 0.50000    7.308061  180.620175    4.964025
92.896785   49.100851   2031.742
 0.75000    7.308061  180.634826    4.964025
92.860144   57.554700   1853.450
 1.00000    7.308061  180.651431    4.964025
92.822313   66.624857   1698.983

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.125412  -38.496218   -8.034203
-302.510285  -23.331421 -370.973107
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      860

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -7.125412  -38.476022   -8.034203
-302.523035  -28.270815 -335.017491
 0.50000   -7.125412  -38.464175   -8.034203
-302.546043  -33.275967 -299.061875
 0.75000   -7.125412  -38.449134   -8.034203
-302.575662  -38.325567 -263.107094
 1.00000   -7.125412  -38.435487   -8.034203
-302.617120  -43.404175 -227.153875

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.840178  327.796232   12.878844
450.233122  69.518409   4119.096
 0.25000    8.840178  349.952089   12.878844
422.640813  67.245673   3894.616
 0.50000    8.840178  374.063575   12.878844
391.255533  73.648379   3645.012
 0.75000    8.840178  399.729658   12.878844
369.666148  83.405838   3374.494
 1.00000    8.840178  427.513439   12.878844
369.666148  93.587297   3076.075

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.256192  -222.536294   -9.341604
-308.334409  -24.351065 -506.844698
 0.25000  -13.256192  -194.201896   -9.341604
-308.334409  -31.741853 -458.679469
 0.50000  -13.256192  -167.112355   -9.341604
-308.334409  -41.146705 -410.514240
 0.75000  -13.256192  -140.460829   -9.341604
-308.334409  -51.762691 -362.349451
 1.00000  -13.256192  -116.079882   -9.341604
-310.689451  -63.395036 -314.186411

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.013305  308.117149   11.828235
399.818721  60.661499   3881.935
 0.25000    8.013305  326.569929   11.828235
376.851488  60.338266   3654.916
 0.50000    8.013305  346.651530   11.828235
350.726114  67.232940   3403.660
 0.75000    8.013305  368.027945   11.828235
332.860533  77.770340   3135.159
 1.00000    8.013305  391.166848   11.828235
332.860533  89.183818   2843.704

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.869582  -195.909847   -11.776983
-422.104575  -50.313850 -549.316401
 0.25000  -12.869582  -172.312143   -11.776983
-422.104575  -53.433556 -496.089514
 0.50000  -12.869582  -149.749808   -11.776983
-422.104575  -59.193807 -442.862627
 0.75000  -12.869582  -127.552359   -11.776983
-422.104575  -66.729399 -389.636380
 1.00000  -12.869582  -107.245827   -11.776983
-423.927295  -75.850797 -336.411332

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.669637   50.695364    0.780248
 42.102937   4.197427   649.360401
 0.25000    1.669637   50.708067    0.780248
 42.059083   7.034124   586.981744
 0.50000    1.669637   50.721861    0.780248
 42.021396  10.672886   524.650693
 0.75000    1.669637   50.736518    0.780248
 41.984695  15.120281   462.402360
 1.00000    1.669637   50.753133    0.780248
 41.946793  20.391420   400.507121
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      861

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.374683  -16.177026   -7.229765
-254.081742  -44.597909 -193.113796
 0.25000   -1.374683  -16.160221   -7.229765
-254.094808  -37.993896 -173.089225
 0.50000   -1.374683  -16.144969   -7.229765
-254.117856  -31.980467 -153.064680
 0.75000   -1.374683  -16.130722   -7.229765
-254.147777  -26.446918 -133.040135
 1.00000   -1.374683  -16.116272   -7.229765
-254.189308  -21.295960 -113.015591

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.392339  105.466141    7.465851
 62.009088   8.421153   1376.498
 0.25000    2.392339  105.478838    7.465851
 61.965325  12.299769   1248.527
 0.50000    2.392339  105.492625    7.465851
 61.927711  17.123049   1121.713
 0.75000    2.392339  105.507275    7.465851
 61.891082  22.939000   996.510987
 1.00000    2.392339  105.523878    7.465851
 61.853265  29.691617   874.098610

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.155828  -28.952373   -9.780449
-434.636634  -84.718395 -347.150826
 0.25000   -9.155828  -28.935580   -9.780449
-434.649321  -80.295420 -311.678572
 0.50000   -9.155828  -28.920333   -9.780449
-434.672320  -88.609339 -276.207525
 0.75000   -9.155828  -28.905293   -9.780449
-434.701880  -91.635281 -240.736805
 1.00000   -9.155828  -28.891647   -9.780449
-434.743323  -95.481588 -205.266086

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.534020  175.633410    3.990326
 71.338646  15.624619   2375.667
 0.25000    3.534020  175.644838    3.990326
 71.299246  19.400269   2167.438
 0.50000    3.534020  175.657248    3.990326
 71.265382  25.390065   1962.758
 0.75000    3.534020  175.670433    3.990326
 71.232405  32.452272   1765.256
 1.00000    3.534020  175.685378    3.990326
 71.198357  40.525652   1577.045

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.486479  -39.153062  -10.372857
-508.040719  -65.670687 -478.047453
 0.25000   -6.486479  -39.137946  -10.372857
-508.052194  -63.678278 -430.933353
 0.50000   -6.486479  -39.124223  -10.372857
-508.072901  -62.228876 -383.019254
 0.75000   -6.486479  -39.110686  -10.372857
-508.099559  -61.495757 -335.105380
 1.00000   -6.486479  -39.098404  -10.372857
-508.136870  -61.507772 -287.193509

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.289795  272.211253    7.849053
338.059678  54.132977   3463.648
 0.25000   10.289795  285.171885    7.849053
302.451266  63.690268   3234.409
 0.50000   10.289795  299.260916    7.849053
279.434727  75.957171   2991.591
 0.75000   10.289795  314.244434    7.849053
254.873569  89.850995   2740.071
 1.00000   10.289795  330.852496    7.849053
233.268594  104.798921  2478.184
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                      862

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.195510  -148.948464   -15.144160
-463.745380  -57.423610 -542.908682
 0.25000   -9.195510  -132.083433   -15.144160
-463.745380  -56.414907 -489.705441
 0.50000   -9.195510  -116.381596   -15.144160
-466.198999  -57.400327 -436.502200
 0.75000   -9.195510  -100.912033   -15.144160
-487.023076  -59.521801 -383.299542
 1.00000   -9.195510   -86.820160   -15.144160
-507.468565  -62.751029 -330.098116

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.942669  186.103096   17.906613
611.879452  45.147077   2444.922
 0.25000    3.942669  206.082106   17.906613
620.384022  30.012353   2367.019
 0.50000    3.942669  227.733465   17.906613
628.888592  17.781373   2253.428
 0.75000    3.942669  250.660120   17.906613
637.393162  14.196771   2102.795
 1.00000    3.942669  274.394378   17.906613
645.897732  16.082459   1915.653

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.975098 -171.681869   -1.558505
-68.489459  -14.229518 -285.538665
 0.25000  -17.975098 -151.878447   -1.558505
-68.489459  -21.261987 -259.602056
 0.50000  -17.975098 -132.453188   -1.558505
-68.489459  -31.203508 -233.601593
 0.75000  -17.975098 -113.914221   -1.558505
-68.489459  -45.571831 -207.658499
 1.00000  -17.975098  -96.684068   -1.558505
-68.489459  -64.992839 -181.751359
```

COMB DL-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.798769	309.049940	20.642436
775.702194	100.379965	3997.723	
0.25000	12.798769	333.312216	20.642436
778.998332	91.395221	3818.038	
0.50000	12.798769	359.641699	20.642436
782.294470	85.572183	3596.043	
0.75000	12.798769	387.580396	20.642436
785.590609	84.851057	3340.226	
1.00000	12.798769	416.564016	20.642436
788.886747	93.792696	3054.040	

COMB DL-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.032021	-233.534736	-8.745864
-151.421591	-14.174640	-507.918738	
0.25000	-21.032021	-209.277841	-8.745864
-151.421591	-21.370631	-461.569778	
0.50000	-21.032021	-185.523342	-8.745864
-151.421591	-32.547673	-415.389660	
0.75000	-21.032021	-162.871257	-8.745864
-151.421591	-48.116254	-369.255190	
1.00000	-21.032021	-141.818030	-8.745864
-151.421591	-68.934885	-323.192874	

COMB DL-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.128419	364.358649	19.087762
689.010492	88.221702	4741.631	
0.25000	10.128419	386.639269	19.087762
691.377741	78.982544	4484.408	
0.50000	10.128419	410.823871	19.087762
693.744989	72.744712	4188.871	
0.75000	10.128419	436.491940	19.087762
696.112237	70.861817	3860.872	
1.00000	10.128419	463.127063	19.087762
698.479485	78.185826	3504.097	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
863

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.500434	-228.597710	-7.747272
-299.202440	-17.619540	-680.861817	
0.25000	-20.500434	-206.300491	-7.747272
-299.202440	-25.122560	-617.211829	
0.50000	-20.500434	-184.467849	-7.747272
-299.202440	-35.915478	-553.728998	
0.75000	-20.500434	-163.652061	-7.747272
-299.202440	-50.559301	-490.246582	
1.00000	-20.500434	-144.306689	-7.747272
-299.202440	-69.791809	-426.821828	

COMB DL-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.407583	355.502375	19.359183
599.150362	77.612023	4561.439	
0.25000	9.407583	374.074285	19.359183
601.123571	71.180949	4288.008	
0.50000	9.407583	394.233250	19.359183
603.096780	67.743375	3982.944	
0.75000	9.407583	415.628753	19.359183
605.069989	67.784505	3650.766	
1.00000	9.407583	437.830340	19.359183
607.043198	76.055601	3294.841	

COMB DL-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.825729	-204.578077	-9.548848
-450.348564	-49.904253	-729.070812	
0.25000	-21.825729	-185.992331	-9.548848
-450.348564	-57.437299	-659.620507	
0.50000	-21.825729	-167.793830	-9.548848
-450.348564	-68.269740	-590.312474	
0.75000	-21.825729	-150.442924	-9.548848
-450.348564	-82.838919	-521.185682	
1.00000	-21.825729	-134.317677	-9.548848
-450.348564	-101.652925	-452.465528	

COMB DL-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.294515	121.285214	1.652448
92.463925	50.763990	1591.997	
0.25000	9.294515	121.292872	1.652448
92.443635	59.438902	1467.078	
0.50000	9.294515	121.300433	1.652448
92.423909	68.245600	1343.221	
0.75000	9.294515	121.308967	1.652448
92.405141	77.185875	1228.235	
1.00000	9.294515	121.317940	1.652448
92.387822	86.255328	1124.224	

COMB DL-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.460959	-32.209455	-7.934883
-120.878958	-5.520028	-253.870232	
0.25000	-2.460959	-32.201858	-7.934883
-120.891905	-5.765814	-230.042172	
0.50000	-2.460959	-32.194466	-7.934883
-120.906786	-6.164473	-206.392367	
0.75000	-2.460959	-32.187450	-7.934883
-120.923255	-6.704264	-182.707759	
1.00000	-2.460959	-32.180973	-7.934883
-120.940886	-7.375150	-159.045417	

COMB DL-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.003602	207.082985	4.380840
86.988443	42.328226	2671.288	
0.25000	7.003602	207.090243	4.380840
86.968153	48.713708	2448.783	
0.50000	7.003602	207.098204	4.380840
86.948427	55.545748	2228.693	
0.75000	7.003602	207.106738	4.380840
86.929659	62.794187	2016.947	
1.00000	7.003602	207.115711	4.380840
86.912340	70.589106	1817.748	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
864

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.113858	-51.178360	-7.465306
-337.742810	-26.765241	-486.062751	
0.25000	-7.113858	-51.170762	-7.465306
-337.755757	-30.223187	-439.264393	
0.50000	-7.113858	-51.163370	-7.465306
-337.770638	-33.873537	-392.618868	
0.75000	-7.113858	-51.156355	-7.465306
-337.787107	-37.708252	-346.258420	
1.00000	-7.113858	-51.149877	-7.465306
-337.804738	-41.701925	-300.441324	

COMB DL-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.544229	330.761748	13.538025
528.591637	80.128216	4267.079	
0.25000	10.544229	350.141618	13.538025
493.850868	78.169860	4016.368	
0.50000	10.544229	371.297232	13.538025
457.434500	82.031459	3732.773	
0.75000	10.544229	393.868341	13.538025
428.614771	88.517442	3418.467	
1.00000	10.544229	417.429277	13.538025
419.354854	96.426656	3077.312	

COMB DL-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.784062	-194.221451	-9.531714
-348.909507	-29.763572	-662512323	
0.25000	-15.784062	-174.368220	-9.531714
-348.914297	-36.134373	-602.962330	
0.50000	-15.784062	-154.996375	-9.531714
-348.906299	-44.475988	-541.552829	
0.75000	-15.784062	-136.571769	-9.531714
-349.360127	-54.627718	-480.336021	
1.00000	-15.784062	-119.500896	-9.531714
-376.078620	-66.510207	-419.639334	

COMB DL-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.956765	323.982823	12.447883
471.020896	70.351398	4116.566	
0.25000	9.956765	340.122593	12.447883
442.088401	70.252766	3852.467	
0.50000	9.956765	357.741222	12.447883
411.760448	75.450696	3560.870	
0.75000	9.956765	376.538890	12.447883
387.759059	83.516643	3243.970	
1.00000	9.956765	396.160498	12.447883
380.047298	93.532993	2904.701	

COMB DL-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.899489	-176.403910	-12.397766
-503.563069	-57.378410	-719.336146	
0.25000	-14.899489	-159.869921	-12.397766
-503.567058	-59.534101	-651.053451	
0.50000	-14.899489	-143.736835	-12.397766
-503.563398	-64.002659	-582.893374	
0.75000	-14.899489	-128.392620	-12.397766
-503.938351	-70.756558	-514.862427	
1.00000	-14.899489	-114.175142	-12.397766
-526.189806	-79.646293	-447.116834	

COMB DL-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.060394	70.270263	1.048461
52.198901	5.895573	812.083163	
0.25000	3.060394	70.277517	1.048461
52.172662	8.883250	731.980814	
0.50000	3.060394	70.285473	1.048461
52.158986	12.893733	651.876375	
0.75000	3.060394	70.294002	1.048461
52.140264	18.021506	571.772149	
1.00000	3.060394	70.302969	1.048461
52.122989	24.346108	491.687522	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
865

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.598337	-22.504444	-8.774837
-327.991040	-47.586250	-254.271938	
0.25000	-1.598337	-22.496852	-8.774837
-328.003936	-40.478196	-228.051976	
0.50000	-1.598337	-22.489465	-8.774837
-328.018760	-34.333724	-201.835196	
0.75000	-1.598337	-22.482454	-8.774837
-328.035169	-29.281817	-175.619276	
1.00000	-1.598337	-22.475981	-8.774837
-328.052736	-25.368118	-149.404952	

COMB DL-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.836720	141.216866	6.378561
74.514416	11.667731	1669.414	
0.25000	3.836720	141.224121	6.378561
74.494156	15.851619	1509.377	
0.50000	3.836720	141.232080	6.378561
74.474458	21.170977	1349.244	
0.75000	3.836720	141.240610	6.378561
74.455716	27.767667	1190.458	
1.00000	3.836720	141.249580	6.378561
74.438422	35.748421	1032.339	

COMB DL-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.800670	-39.990941	-11.260752
-552.423988	-88.800002	-456.103275	
0.25000	-8.800670	-39.983346	-11.260752
-552.436906	-87.193837	-409.723423	
0.50000	-8.800670	-39.975957	-11.260752
-552.451755	-86.707743	-363.345677	
0.75000	-8.800670	-39.968945	-11.260752
-552.468190	-87.506027	-316.995841	
1.00000	-8.800670	-39.962469	-11.260752
-552.485784	-89.576656	-272.453386	

COMB DL-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.437824	218.718525	4.328627
81.075657	25.126678	2753.223	
0.25000	5.437824	218.726863	4.328627
80.856839	31.228297	2508.387	
0.50000	5.437824	218.882836	4.328627
80.644107	38.330243	2265.565	
0.75000	5.437824	218.974969	4.328627
80.441690	46.551614	2023.245	
1.00000	5.437824	219.071841	4.328627
80.254920	55.976954	1783.616	

COMB DL-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.256186	-54.179022	-12.033049
-611.570131	-73.599606	-627.008017	
0.25000	-7.256186	-54.097000	-12.033049
-611.709643	-70.310502	-564.465756	
0.50000	-7.256186	-54.017198	-12.033049
-611.870009	-68.038175	-501.938320	
0.75000	-7.256186	-53.941463	-12.033049
-612.047504	-66.921992	-439.347729	
1.00000	-7.256186	-53.871533	-12.033049
-612.237522	-66.945105	-378.015693	

COMB DL-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.523123	297.409056	8.616068
376.955794	64.847367	3745.975	
0.25000	11.523123	309.029669	8.616068
348.853544	73.036928	3482.321	
0.50000	11.523123	321.753541	8.616068
321.083671	83.101679	3199.654	
0.75000	11.523123	335.365751	8.616068
294.698781	94.699218	2900.105	
1.00000	11.523123	349.620535	8.616068
270.485715	107.859319	2586.800	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
866

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.090897	-143.215584	-15.558751
-557.721808	-65.602096	-712.722762	
0.25000	-11.090897	-131.164757	-15.558751
-557.834793	-64.040871	-644.573547	
0.50000	-11.090897	-119.430012	-15.558751
-574.356491	-64.403774	-576.510867	
0.75000	-11.090897	-108.272183	-15.558751
-595.593835	-66.526126	-508.693186	
1.00000	-11.090897	-97.963900	-15.558751
-618.336501	-70.307556	-441.332852	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.734916	372.643180	17.648914
679.302960	97.001877	4645.643	
0.25000	12.734916	399.178656	17.648914
679.302960	89.355505	4420.826	
0.50000	12.734916	428.112656	17.648914
679.302960	83.813872	4158.826	
0.75000	12.734916	458.963650	17.648914
679.302960	89.850995	3875.634	
1.00000	12.734916	490.945279	17.648914
679.302960	104.798921	3558.396	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.870857	-288.650028	-15.144160
-508.040719	-84.713395	-585.826895	
0.25000	-17.870857	-252.888979	-15.144160
-508.052194	-86.295420	-503.565459	
0.50000	-17.870857	-216.952663	-15.144160
-508.072901	-88.609339	-450.304024	
0.75000	-17.870857	-181.688251	-15.144160
-508.099559	-91.635281	-397.043301	
1.00000	-17.870857	-149.180923	-15.144160
-508.136870	-95.481588	-343.783669	

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.798769	364.358649	20.642436
775.702194	100.379965	4741.631	
0.25000	12.798769	386.639269	20.642436
778.998332	91.395221	4484.408	
0.50000	12.798769	410.823871	20.642436
782.294470	85.572183	4188.871	
0.75000	12.798769	436.491940	20.642436
785.590609	84.699218	3860.872	
1.00000	12.798769	463.127063	20.642436
788.886747	107.859319	3504.097	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.825729	-233.534736	-15.558751
-611.570131	-88.800002	-729.070812	
0.25000	-21.825729	-209.277841	-15.558751
-611.709643	-87.193837	-659.620507	
0.50000	-21.825729	-185.523342	-15.558751
-611.870009	-88.609339	-590.312474	
0.75000	-21.825729	-163.652061	-15.558751
-612.047504	-87.506027	-521.185682	
1.00000	-21.825729	-144.306689	-15.558751
-618.336501	-101.652925	-452.465528	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.798769	372.643180	20.642436
775.702194	100.379965	4741.631	
0.25000	12.798769	399.178656	20.642436
778.998332	91.395221	4484.408	
0.50000	12.798769	428.112656	20.642436
782.294470	85.572183	4188.871	
0.75000	12.798769	458.963650	20.642436
785.590609	94.699218	3875.634	
1.00000	12.798769	490.945279	20.642436
788.886747	107.859319	3558.396	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
867

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.825729	-288.650028	-15.558751
-611.570131	-88.800002	-729.070812	
0.25000	-21.825729	-252.888979	-15.558751
-611.709643	-87.193837	-659.620507	
0.50000	-21.825729	-216.952663	-15.558751
-611.870009	-88.609339	-590.312474	
0.75000	-21.825729	-181.688251	-15.558751
-612.047504	-91.635281	-521.185682	
1.00000	-21.825729	-149.180923	-15.558751
-618.336501	-101.652925	-452.465528	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.798769	372.643180	20.642436
775.702194	100.379965	4741.631	
0.25000	12.798769	399.178656	20.642436
778.998332	91.395221	4484.408	
0.50000	12.798769	428.112656	20.642436
782.294470	85.572183	4188.871	
0.75000	12.798769	458.963650	20.642436
785.590609	94.699218	3875.634	
1.00000	12.798769	490.945279	20.642436
788.886747	107.859319	3558.396	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.825729	-288.650028	-15.558751
-611.570131	-88.800002	-729.070812	
0.25000	-21.825729	-252.888979	-15.558751
-611.709643	-87.193837	-659.620507	
0.50000	-21.825729	-216.952663	-15.558751
-611.870009	-88.609339	-590.312474	
0.75000	-21.825729	-181.688251	-15.558751
-612.047504	-91.635281	-521.185682	
1.00000	-21.825729	-149.180923	-15.558751
-618.336501	-101.652925	-452.465528	

ELEM 54 ================== LENGTH = 4.987313

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.407497	258.109521	10.041625
607.122630	11.789476	2054.285	
0.25000	2.407497	284.593789	10.041625
607.122630	11.765802	1895.176	
0.50000	2.407497	314.053735	10.041625
607.122630	11.744540	1685.672	
0.75000	2.407497	346.176032	10.041625
607.122630	11.724725	1415.274	
1.00000	2.407497	379.740953	10.041625
607.122630	11.705044	1074.788	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.861488	-154.668558	-0.322241
-53.122200	-46.726235	-138.334873	
0.25000	-11.861488	-122.997892	-0.322241
-53.122200	-52.797475	-117.715144	
0.50000	-11.861488	-89.359076	-0.322241
-53.122200	-59.842611	-97.095423	
0.75000	-11.861488	-57.260608	-0.322241
-53.122200	-68.102259	-76.462717	
1.00000	-11.861488	-40.435724	-0.322241
-53.122200	-77.657827	-55.854480	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.353050	409.023809	12.402641
704.764896	95.169627	3218.720	
0.25000	12.353050	441.874028	12.402641
704.764896	97.074166	2908.623	
0.50000	12.353050	478.319650	12.402641
704.764896	98.981283	2539.337	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
868

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	12.353050	517.992819	12.402641
704.764896	100.889601	2103.325	
1.00000	12.353050	560.170086	12.402641
704.764896	102.799211	1597.376	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.030847	-200.173492	-2.011249
-140.606641	-54.198465	-244.738079	
0.25000	-14.030847	-160.224869	-2.011249
-140.606641	-60.899443	-207.775956	
0.50000	-14.030847	-118.631431	-2.011249
-140.606641	-68.492081	-170.811841	
0.75000	-14.030847	-79.230112	-2.011249
-140.606641	-77.326811	-133.836028	
1.00000	-14.030847	-57.814652	-2.011249
-140.606641	-87.452075	-96.888868	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.599253	455.853962	11.152292
624.774721	64.150411	3557.331	
0.25000	8.599253	485.988107	11.152292
624.774721	66.720586	3171.488	
0.50000	8.599253	519.416127	11.152292
624.774721	69.749138	2730.594	
0.75000	8.599253	555.798320	11.152292
624.774721	72.791307	2227.043	
1.00000	8.599253	594.534334	11.152292
624.774721	75.833597	1656.605	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.292631	-196.057115	-2.851175
-304.116743	-51.047498	-327.078162	
0.25000	-13.292631	-159.357366	-2.851175
-304.116743	-57.087626	-271.813107	
0.50000	-13.292631	-121.209783	-2.851175
-304.116743	-63.918585	-222.348060	
0.75000	-13.292631	-85.094083	-2.851175
-304.116743	-71.849465	-172.871352	
1.00000	-13.292631	-65.408589	-2.851175
-304.116743	-80.953247	-123.427735	

COMB DB-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.764985	427.028905	9.946980
539.974854	61.649597	3291.685	
0.25000	7.764985	452.140692	9.946980
539.974854	64.703892	2911.333	
0.50000	7.764985	479.997375	9.946980
539.974854	67.998940	2485.161	
0.75000	7.764985	510.315870	9.946980
539.974854	71.438843	2007.352	
1.00000	7.764985	542.595881	9.946980
539.974854	75.024571	1472.509	

COMB DB-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.760661	-173.596334	-5.435953
-443.256438	-94.394267	-343.655242	
0.25000	-16.760661	-143.013209	-5.435953
-443.256438	-99.339431	-289.697662	
0.50000	-16.760661	-111.223558	-5.435953
-443.256438	-105.012157	-235.747148	
0.75000	-16.760661	-81.127141	-5.435953
-443.256438	-111.601605	-181.789175	
1.00000	-16.760661	-64.722563	-5.435953
-443.256438	-119.167733	-127.863130	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.173933	142.162986	1.336261
47.349076	93.902291	1103.103	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
869

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	11.173933	142.176764	1.336261
47.298748	96.408423	928.390263	
0.50000	11.173933	142.191940	1.336261
47.265115	98.915350	756.769385	
0.75000	11.173933	142.208327	1.336261
47.233002	101.423290	592.980792	
1.00000	11.173933	142.227120	1.336261
47.207049	103.932271	444.857059	

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.708118	-15.253240	-2.069636
-144.075418	-4.869503	-121.443829	
0.25000	-1.708118	-15.235167	-2.069636
-144.091005	-5.164466	-102.513364	
0.50000	-1.708118	-15.217887	-2.069636
-144.116990	-5.492439	-83.582991	
0.75000	-1.708118	-15.202061	-2.069636
-144.148371	-5.858087	-64.652624	
1.00000	-1.708118	-15.192076	-2.069636
-144.195736	-6.265307	-45.723448	

COMB DB-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.573410	224.583102	1.728568
42.835503	64.721208	1700.489	
0.25000	7.573410	224.596880	1.728568
42.785159	68.205939	1422.539	
0.50000	7.573410	224.612057	1.728568
42.751458	71.822823	1147.877	
0.75000	7.573410	224.628445	1.728568

```
 42.719334   75.482559  880.962248
 1.00000     7.573410  224.647240     1.728568
 42.693334   79.183743  628.460945

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.362332  -29.069894   -4.063254
-365.817937  -43.045951  -227.158738
 0.25000   -6.362332  -29.051819   -4.063254
-365.833592  -43.517977  -191.003803
 0.50000   -6.362332  -29.034538   -4.063254
-365.859585  -44.624345  -154.848877
 0.75000   -6.362332  -29.018712   -4.063254
-365.891030  -45.471503  -118.697803
 1.00000   -6.362332  -29.008726   -4.063254
-365.938411  -46.362026  -82.558536

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.133548  400.211724    7.734308
445.120532   91.825513  3076.261
 0.25000    9.133548  424.840503    7.734308
412.073082   93.301248  2719.787
 0.50000    9.133548  452.072131    7.734308
376.511007   94.820498  2317.988
 0.75000    9.133548  481.601301    7.734308
376.511007   96.365137  1864.714
 1.00000    9.133548  514.160074    7.734308
376.511007   98.628177  1357.443

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.116485  -166.138765   -4.133307
-362.660515  -63.896727  -314.011165
 0.25000  -12.116485  -135.069080   -4.133307
-362.660515  -67.652598  -265.029313
 0.50000  -12.116485  -104.028982   -4.133307
-362.660515  -71.867434  -216.047467
 0.75000  -12.116485  -75.078214   -4.133307
-362.660515  -76.515284  -167.068726
 1.00000  -12.116485  -58.171918   -4.133307
-381.080459  -81.663467  -118.105117
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                870

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.458154  374.289364    6.617437
394.725086   86.813316  2844.803
 0.25000    8.458154  394.802322    6.617437
367.214702   89.176032  2496.864
 0.50000    8.458154  417.483254    6.617437
337.719792   91.816419  2111.131
 0.75000    8.458154  442.077903    6.617437
337.719792   94.695467  1682.551
 1.00000    8.458154  469.194650    6.617437
337.719792   98.450640  1209.102

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.854212  -148.585483   -7.118669
-493.645405  -76.635538  -336.412336
 0.25000  -11.854212  -122.709169   -7.118669
-493.645405  -77.072512  -282.886122
 0.50000  -11.854212  -96.856164   -7.118669
-493.645405  -78.541267  -229.369241
 0.75000  -11.854212  -72.742859   -7.118669
-493.645405  -81.250339  -175.860152
 1.00000  -11.854212  -58.662747   -7.118669
-508.842144  -84.407270  -122.362484

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.197957   58.190707    0.222572
 39.678948   19.229570  401.956402
 0.25000    2.197957   58.204490    0.222572
 39.628527   21.557273  329.479765
 0.50000    2.197957   58.219671    0.222572
 39.594486   24.267748  256.980990
 0.75000    2.197957   58.236063    0.222572
 39.562309   27.414631  184.495525
 1.00000    2.197957   58.254866    0.222572
 39.536069   31.108797  112.074281

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -0.991089  -15.614749   -6.242018
-291.817854  -22.143843  -113.258714
 0.25000   -0.991089  -15.596665   -6.242018
-291.833848  -15.281656  -93.876273
 0.50000   -0.991089  -15.579380   -6.242018
-291.859882   -8.922149  -74.505925
 0.75000   -0.991089  -15.563551   -6.242018
-291.891651   -9.151277  -55.146823
 1.00000   -0.991089  -15.553560   -6.242018
-291.939104   -9.381434  -35.789349

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.807692  125.048568    1.225644
 56.988963   27.685686  876.554058
 0.25000    2.807692  125.062346    1.225644
 56.938535   30.449078  720.809346
 0.50000    2.807692  125.077522    1.225644
 56.905002   33.644157  565.263062
 0.75000    2.807692  125.093908    1.225644
 56.872899   37.352849  409.986812
 1.00000    2.807692  125.112702    1.225644
 56.846936   41.669030  255.258807

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.686664  -27.832698   -9.224124
-505.849515  -96.429431  -205.609222
 0.25000   -8.686664  -27.814625   -9.224124
-505.865101  -91.109731  -167.995953
 0.50000   -8.686664  -27.797345   -9.224124
-505.891086  -84.321118  -136.393697
 0.75000   -8.686664  -27.781519   -9.224124
-505.922467  -79.279832  -101.806708
 1.00000   -8.686664  -27.771534   -9.224124
-505.969833  -78.839786  -67.227668
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                871

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.289813  214.650381    1.029392
 49.319080   38.045505   1579.848
 0.25000    4.289813  214.662781    1.029392
 49.273771   42.629261   1312.552
 0.50000    4.289813  214.676441    1.029392
 49.243440   47.639105   1045.943
 0.75000    4.289813  214.691189    1.029392
 49.214529   53.108611   780.709480
 1.00000    4.289813  214.708105    1.029392
 49.191128   59.111731  517.490747

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.517685  -38.010534   -9.154302
-599.357265  -61.898983  -287.477798
 0.25000   -5.517685  -37.994266   -9.154302
-599.371354  -55.827617  -240.166818
 0.50000   -5.517685  -37.978713   -9.154302
-599.394748  -50.286129  -192.866063
 0.75000   -5.517685  -37.964470   -9.154302
-599.423049  -45.452879  -145.580197
 1.00000   -5.517685  -37.955482   -9.154302
-599.465691  -43.767864  -98.306644

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.010812  329.758502    4.415225
299.649742  102.211207   2480.043
 0.25000   11.010812  343.990608    4.415225
275.641147  106.501667   2149.604
 0.50000   11.010812  359.696651    4.415225
249.144255  111.171594   1793.729
 0.75000   11.010812  376.691295    4.415225
220.396380  116.234393   1410.196
 1.00000   11.010812  395.807785    4.415225
218.215020  121.741954  999.836556

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.028879  -115.616782   -8.810248
-542.611384  -63.639658  -330.209954
 0.25000   -8.028879  -97.301695   -8.810248
-542.611384  -60.067863  -277.050191
 0.50000   -8.028879  -79.411115   -8.810248
-548.885042  -57.126726  -223.898957
 0.75000   -8.028879  -62.872366   -8.810248
-573.163935  -55.010418  -170.760589
 1.00000   -8.028879  -52.827961   -8.810248
-597.513274  -55.709252  -117.636724

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.400560  235.892665   10.753222
729.930483   17.338338   1912.631
 0.25000    3.400560  259.077793   10.753222
738.435143   17.411429   1735.127
 0.50000    3.400560  285.852789   10.753222
746.939802   17.493450   1516.748
 0.75000    3.400560  314.003141   10.753222
755.444461   17.581639   1254.840
 1.00000    3.400560  343.760712   10.753222
763.949120   17.673688  947.689922

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.042544  -129.377533   -0.437769
-65.130368  -67.022571  -181.421863
 0.25000  -17.042544  -109.659005   -0.437769
-65.130368  -77.560634  -154.261132
 0.50000  -17.042544  -90.092706   -0.437769
-65.130368  -88.434662  -127.397941
 0.75000  -17.042544  -71.211336   -0.437769
-65.130368  -99.725895  -100.631421
 1.00000  -17.042544  -53.447508   -0.437769
-65.130368  -111.544143  -73.379279
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                872

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.257786  392.258295   13.131165
873.788426   94.642868   3050.984
 0.25000   12.257786  420.911812   13.131165
877.084599   95.646293  2719.036
 0.50000   12.257786  452.378546   13.131165
880.380772   96.705719  2339.635
 0.75000   12.257786  486.305294   13.131165
883.676945   97.810001  1911.896
 1.00000   12.257786  522.187430   13.131165
886.973253   98.967826  1446.390

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.586090  -172.681538   -1.972519
-158.417518  -71.667223  -322.782165
 0.25000  -19.586090  -148.508717   -1.972519
-158.417518  -83.319458  -274.335888
 0.50000  -19.586090  -124.585991   -1.972519
-158.417518  -95.365441  -226.290739
 0.75000  -19.586090  -101.541786   -1.972519
-158.417518  -107.907965  -177.922718
 1.00000  -19.586090  -79.879694   -1.972519
-158.417518  -120.972589  -129.725192

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.664228  463.742203   11.856065
777.012072   77.035080   3592.339
 0.25000    9.664228  490.030871   11.856065
779.379345   78.720969   3079.386
 0.50000    9.664228  518.904224   11.856065
781.746618   80.843980   2612.708
 0.75000    9.664228  550.037273   11.856065
784.113891   83.509083   2101.070
 1.00000    9.664228  582.967749   11.856065
786.481262   85.480493   1551.264

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -18.634809  -175.775853   -2.912712
-352.473548  -71.607275  -426.493016
 0.25000  -18.634809  -153.554192   -2.912712
-352.473548  -82.231779  -361.049069
 0.50000  -18.634809  -131.568214   -2.912712
-352.473548  -93.202017  -295.900306
 0.75000  -18.634809  -110.374102   -2.912712
-352.473548  -104.589025  -230.508206
 1.00000  -18.634809  -90.492579   -2.912712
-352.473548  -116.450996  -165.393368

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.847208  446.570980   10.581588
670.695503   73.931140   3294.462
 0.25000    8.847208  468.483780   10.581588
672.668732   76.278716   2873.557
 0.50000    8.847208  492.551033   10.581588
674.641962   79.096575   2417.303
 0.75000    8.847208  518.501845   10.581588
676.615192   82.212462   1921.701
 1.00000    8.847208  545.950895   10.581588
678.588503   85.616256   1395.800

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.935781  -160.270842   -5.427568
-528.856012  -102.845322  -452.332855
 0.25000  -19.935781  -141.748077   -5.427568
-528.856012  -110.411709  -382.425522
 0.50000  -19.935781  -123.421764   -5.427568
-528.856012  -118.634777  -313.105791
 0.75000  -19.935781  -105.755507   -5.427568
-528.856012  -127.547581  -244.532577
 1.00000  -19.935781   -89.183354   -5.427568
-528.856012  -137.004272  -176.641192
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                873

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.412196  157.718191    1.313086
 59.376950   85.112623   1124.548
 0.25000    9.412196  157.726359    1.313086
 59.355211   86.399924   950.472521
 0.50000    9.412196  157.735393    1.313086
 59.334041   87.717065   777.781860
 0.75000    9.412196  157.745165    1.313086
 59.313910   89.074236   608.533603
 1.00000    9.412196  157.755454    1.313086
 59.295222   90.480827   451.237284

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.977426  -23.356448   -1.746602
-144.278187   -7.380657  -159.002147
 0.25000   -1.977426  -23.348843   -1.746602
-144.292643   -7.592606  -134.541740
 0.50000   -1.977426  -23.341411   -1.746602
-144.309345   -7.859274  -110.085506
 0.75000   -1.977426  -23.334311   -1.746602
-144.327926   -8.184105  -85.635089
 1.00000   -1.977426  -23.327710   -1.746602
-144.348014   -8.577240  -61.159921

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.954895  264.068190    1.765091
 56.487292   67.404209   1819.328
 0.25000    6.954895  264.076359    1.765091
 56.465553   69.813296   1524.453
 0.50000    6.954895  264.085392    1.765091
 56.444383   72.402929   1231.397
 0.75000    6.954895  264.095164    1.765091
 56.424252   75.060202   941.421839
 1.00000    6.954895  264.105554    1.765091
 56.405564   77.789975   663.368480

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.978411  -42.804767   -3.677019
-416.965857  -40.898447  -300.487135
 0.25000   -5.978411  -42.797162   -3.677019
-416.980313  -41.145736  -254.252395
 0.50000   -5.978411  -42.789730   -3.677019
-416.997015  -41.449515  -208.084960
 0.75000   -5.978411  -42.782630   -3.677019
-417.015595  -41.825303  -162.077971
 1.00000   -5.978411  -42.776029   -3.677019
-417.035683  -42.275254  -116.490459

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.243456  418.448117    8.098569
556.302139   94.096212   3077.010
 0.25000   10.243456  440.291274    8.098569
517.792881   94.819397   2687.845
 0.50000   10.243456  465.413703    8.098569
477.583837   96.214651   2260.998
 0.75000   10.243456  491.994565    8.098569
466.320186   98.157048   1794.338
 1.00000   10.243456  520.202943    8.098569
457.972041  100.545542   1292.960

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.024965  -156.653609   -3.965713
-416.495386  -67.158698  -418.474767
 0.25000  -14.024965  -136.821721   -3.965713
-416.494930  -71.383956  -357.044742
 0.50000  -14.024965  -117.327455   -3.965713
-416.503595  -76.317479  -294.687446
 0.75000  -14.024965  -98.626739   -3.965713
-423.639155  -81.955552  -232.565162
 1.00000  -14.024965  -81.162758   -3.965713
-457.481496  -88.339337  -170.794155
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                874

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.769564  403.105284    7.012700
492.875544   90.110173   2905.597
 0.25000    9.769564  421.712911    7.012700
460.804609   92.246523   2519.130
 0.50000    9.769564  442.218741    7.012700
427.318074   95.268376   2101.364
 0.75000    9.769564  464.355577    7.012700
417.937581   99.094970   1650.482
 1.00000    9.769564  487.847825    7.012700
410.985154  103.674653   1170.695

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.182805  -144.677520   -7.192426
-591.569029  -79.867263  -447.176111
 0.25000  -13.182805  -128.161304   -7.192426
-591.568649   -80.486244  -378.381098
 0.50000  -13.182805  -111.926265   -7.192426
-591.575866   -82.177730  -309.673565
 0.75000  -13.182805   -96.352102   -7.192426
-597.518439   -85.068571  -241.945067
 1.00000  -13.182805   -81.806240   -7.192426
-625.702713   -89.256965  -174.895104

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.312631   77.895372    0.319171
 49.361489   22.204971  493.447592
 0.25000    3.312631   77.903537    0.319171
 49.339800   25.493525  404.650888
 0.50000    3.312631   77.912566    0.319171
 49.318679   29.540731  315.875957
 0.75000    3.312631   77.922335    0.319171
 49.298592   34.615392  227.107693
 1.00000    3.312631   77.932720    0.319171
 49.279945   41.191827  138.358035

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.143773  -21.799421   -6.804114
-372.451689  -24.915729  -149.720532
 0.25000   -1.143773  -21.791821   -6.804114
-372.466091  -19.552679  -124.288203
 0.50000   -1.143773  -21.784394   -6.804114
-372.482734  -15.028317  -98.923995
 0.75000   -1.143773  -21.777299   -6.804114
-372.501253  -12.880139  -73.616513
 1.00000   -1.143773  -21.770703   -6.804114
-372.521276  -12.964252  -48.333887

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.797826  162.991687    1.416026
 69.846066   32.285976   1035.301
 0.25000    3.797826  162.999853    1.416026
 69.824356   36.052653  850.035603
 0.50000    3.797826  163.008884    1.416026
 69.803214   40.587169  664.906365
 0.75000    3.797826  163.018654    1.416026
 69.783108   46.055183  480.116170
 1.00000    3.797826  163.029041    1.416026
 69.764444   52.640280  296.475610

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.831984  -38.797748   -9.562061
-641.051495  -88.744946  -272.864050
 0.25000   -7.831984  -38.790146   -9.562061
-641.065920  -83.007029  -229.621787
 0.50000   -7.831984  -38.782717   -9.562061
-641.082588  -77.939270  -186.489694
 0.75000   -7.831984  -38.775619   -9.562061
-641.101134  -73.952365  -143.621853
 1.00000   -7.831984  -38.769021   -9.562061
-641.121184  -72.303342  -101.475900
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                875

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.588741  267.503469    1.249290
 61.625186   51.390776   1736.898
 0.25000    5.588741  267.591668    1.249290
 61.390715   56.060599   1484.685
 0.50000    5.588741  267.689203    1.249290
 61.162379   61.458629   1182.544
 0.75000    5.588741  267.794717    1.249290
 60.945238   67.728413   880.385446
 1.00000    5.588741  267.906856    1.249290
 60.743663   74.969864   579.141482

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.896292  -53.411429   -9.401533
-725.060873  -65.544847  -378.383430
 0.25000   -5.896292  -53.329323   -9.401533
-725.216660  -60.267834  -317.636034
 0.50000   -5.896292  -53.249090   -9.401533
-725.396681  -55.600661  -256.956049
 0.75000   -5.896292  -53.172104   -9.401533
-725.596969  -51.896500  -196.439211
 1.00000   -5.896292  -53.101177   -9.401533
-725.813519  -49.894246  -136.374331

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.555586  366.989278    4.731707
371.669987  103.974289   2588.655
 0.25000   11.555586  380.219373    4.731707
341.237881  107.562967   2223.183
 0.50000   11.555586  394.822993    4.731707
310.965272  112.017158   1834.482
 0.75000   11.555586  410.606909    4.731707
282.105288  117.393588   1424.649
 1.00000   11.555586  427.377075    4.731707
265.841517  123.844601   995.806070

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.429319  -120.396868   -9.014503
-652.958726  -70.033660  -441.536707
 0.25000   -9.429319  -108.346812   -9.014503
-653.052503   -67.338492  -373.566120
 0.50000   -9.429319   -96.538404   -9.014503
-672.698699   -65.440944  -305.528599
 0.75000   -9.429319   -85.237960   -9.014503
-697.263528   -64.624088  -237.800625
 1.00000   -9.429319   -74.712264   -9.014503
-724.010528   -65.495307  -170.387599

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.353050  455.853962   12.402641
704.764896  102.211207   3577.331
 0.25000   12.353050  485.988107   12.402641
704.764896  106.501667   3171.488
 0.50000   12.353050  519.416127   12.402641
704.764896  111.171594   2730.594
 0.75000   12.353050  555.798320   12.402641
704.764896  116.234393   2227.043
 1.00000   12.353050  594.534334   12.402641
704.764896  121.741954   1656.605

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.760661  -200.173492   -9.224124
-599.357265   -96.429431  -343.655242
 0.25000  -16.760661  -160.224869   -9.224124
-599.371354   -99.339431  -289.697662
 0.50000  -16.760661  -121.209783   -9.224124
-599.394748  -105.012157  -235.747148
 0.75000  -16.760661   -85.094083   -9.224124
-599.423049  -111.501605  -181.789175
 1.00000  -16.760661   -65.408589   -9.224124
-599.465691  -119.167733  -127.863130
 Program    SAP2000    Nonlinear    Version    7.42
             File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                876

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.257786  463.742203   13.131165
873.788426  103.974289   3502.339
 0.25000   12.257786  490.030871   13.131165
877.084599  107.562967   3079.386
 0.50000   12.257786  518.904224   13.131165
880.380772  112.017158   2612.708
 0.75000   12.257786  550.037273   13.131165
883.676945  117.393588   2101.070
 1.00000   12.257786  582.967749   13.131165
886.973253  123.844601   1551.264

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -19.935781  -175.775853   -9.562061
-725.060873  -102.845322  -452.332855
 0.25000  -19.935781  -153.554192   -9.562061
-725.216660  -110.411709  -382.425522
 0.50000  -19.935781  -131.568214   -9.562061
-725.396681  -118.634777  -313.105791
 0.75000  -19.935781  -110.374102   -9.562061
-725.596969  -127.547581  -244.532577
 1.00000  -19.935781   -90.492579   -9.562061
-725.813519  -137.004272  -176.641192

 COMB      CAR ------------------- MAX
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```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.353050  463.742203   13.131165
873.788426  103.974289  3557.331
 0.25000   12.353050  490.030871   13.131165
877.084599  107.562967  3171.488
 0.50000   12.353050  519.416127   13.131165
880.380772  112.017158  2730.594
 0.75000   12.353050  555.798320   13.131165
883.676945  117.393588  2227.043
 1.00000   12.353050  594.534334   13.131165
886.973253  123.844601  1656.605

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -19.935781 -200.173492   -9.562061
-725.060873 -102.845322 -452.332855
 0.25000  -19.935781 -160.224869   -9.562061
-725.216660 -110.411709 -382.425522
 0.50000  -19.935781 -131.568214   -9.562061
-725.396681 -118.634777 -313.105791
 0.75000  -19.935781 -110.374102   -9.562061
-725.596969 -127.547581 -244.532577
 1.00000  -19.935781  -90.492579   -9.562061
-725.813519 -137.004272 -176.641192

 COMB  DESIGN ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.353050  463.742203   13.131165
873.788426  103.974289  3557.331
 0.25000   12.353050  490.030871   13.131165
877.084599  107.562967  3171.488
 0.50000   12.353050  519.416127   13.131165
880.380772  112.017158  2730.594
 0.75000   12.353050  555.798320   13.131165
883.676945  117.393588  2227.043
 1.00000   12.353050  594.534334   13.131165
886.973253  123.844601  1656.605

 COMB  DESIGN ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -19.935781 -200.173492   -9.562061
-725.060873 -102.845322 -452.332855
 0.25000  -19.935781 -160.224869   -9.562061
-725.216660 -110.411709 -382.425522
 0.50000  -19.935781 -131.568214   -9.562061
-725.396681 -118.634777 -313.105791
 0.75000  -19.935781 -110.374102   -9.562061
-725.596969 -127.547581 -244.532577
 1.00000  -19.935781  -90.492579   -9.562061
-725.813519 -137.004272 -176.641192
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                877

 F R A M E   E L E M E N T   I N T E R N A
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 COMB DB-G1-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.917502  390.802710    4.984530
497.093090   12.816232   1073.361
 0.25000    1.917502  409.347187    4.984530
497.093090    9.366935  841.678986
 0.50000    1.917502  429.103009    4.984530
497.093090    5.921561  586.044954
 0.75000    1.917502  449.776616    4.984530
497.093090    2.487138  303.736148
 1.00000    1.917502  471.245289    4.984530
497.093090    1.916138    1.718445

 COMB DB-G1-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.034179  -36.657915  -29.419131
-40.716348  -79.593662  -55.684783
 0.25000  -11.034179  -26.795122  -29.419131
-40.716348  -59.231890  -41.697732
 0.50000  -11.034179  -20.219951  -29.419131
-40.716348  -38.870118  -27.709376
 0.75000  -11.034179  -20.219951  -29.419131
-40.716348  -18.508351  -13.734937
 1.00000  -11.034179  -20.219951  -29.419131
-40.716348   -1.048330  -10.744264

 COMB DB-G1-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.954861  576.969349   37.863784
577.306939  103.778435   1596.324
 0.25000   11.954861  599.958519   37.863784
577.306939   77.571472   1245.311
 0.50000   11.954861  624.436871   37.863784
577.306939   51.370107   864.608482
 0.75000   11.954861  650.053851   37.863784
577.306939   25.179427   450.858895
 1.00000   11.954861  676.659888   37.863784
577.306939    3.185717   12.716240

 COMB DB-G1-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.686568  -63.591639  -33.527951
-158.757488  -90.218998  -96.652737
 0.25000  -12.686568  -50.820628  -33.527951
-158.757488  -67.015504  -72.397791
 0.50000  -12.686568  -37.452063  -33.527951
-158.757488  -43.812009  -48.142881
 0.75000  -12.686568  -35.057456  -33.527951
-158.757488  -20.616250  -23.982102
 1.00000  -12.686568  -35.057456  -33.527951
-158.757488   -1.368473  -12.082852

 COMB DB-G1-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.633685  598.737493   27.193556
513.666920   75.443456   1656.418
 0.25000    8.633685  619.824473   27.193556
513.666920   56.633783   1286.343
 0.50000    8.633685  642.278947   27.193556
513.666920   37.833930  889.031443
 0.75000    8.633685  665.778015   27.193556
513.666920   19.056833  461.405691
 1.00000    8.633685  690.184661   27.193556
513.666920    4.091659    9.238855

 COMB DB-G1-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.571126  -71.391483  -30.580825
-286.203068  -82.841494 -123.244114
 0.25000  -11.571126  -59.634877  -30.580825
-286.203068  -61.676941  -92.383241
 0.50000  -11.571126  -47.359209  -30.580825
-286.203068  -40.513748  -61.521548
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                878

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -11.571126  -44.600831  -30.580825
-286.203068  -19.359544  -30.683352
 1.00000  -11.571126  -44.600831  -30.580825
-286.203068   -1.644701  -10.935762

 COMB DB-G1-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.001033  532.393136   26.337556
442.559403   73.828269   1473.084
 0.25000    8.001033  549.965619   26.337556
442.559403   55.600687   1141.534
 0.50000    8.001033  568.677681   26.337556
442.559403   37.377330   787.295683
 0.75000    8.001033  588.260238   26.337556
442.559403   19.201633  407.826190
 1.00000    8.001033  608.599110   26.337556
442.559403    4.347576    8.749325

 COMB DB-G1-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.236518  -68.472867  -44.386501
-388.502999 -121.043293 -127.804757
 0.25000  -15.236518  -58.675695  -44.386501
-388.502999  -90.322865  -95.672012
 0.50000  -15.236518  -48.420971  -44.386501
-388.502999  -59.602603  -63.938582
 0.75000  -15.236518  -46.147324  -44.386501
-388.502999  -28.891773  -33.323320
 1.00000  -15.236518  -46.147324  -44.386501
-388.502999   -2.002337  -15.228837

 COMB DB-G2-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.395654  158.358887   37.338680
34.930560  103.535527  445.414460
 0.25000   11.395654  158.368497   37.338680
34.918356   77.691624  335.827093
 0.50000   11.395654  158.378760   37.338680
34.889985   51.847733  226.227380
 0.75000   11.395654  158.389503   37.338680
34.867796   26.003847  116.669379
 1.00000   11.395654  158.400671   37.338680
34.848966    1.435110   12.545101

 COMB DB-G2-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.156196  -16.541272   -2.444489
-168.719322   -6.522071  -45.684759
 0.25000   -1.156196  -16.534800   -2.444489
-168.737090   -4.832503  -34.256388
 0.50000   -1.156196  -16.528236   -2.444489
-168.762634   -3.143099  -22.831177
 0.75000   -1.156196  -16.521375   -2.444489
-168.789512   -1.458426  -11.412232
 1.00000   -1.156196  -16.514382   -2.444489
-168.817478   -0.313087   -0.840020

 COMB DB-G2-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.089975  225.536330   27.274476
35.975491   77.148787  629.879144
 0.25000    8.089975  225.545940   27.274476
35.955780   58.271458  473.796275
 0.50000    8.089975  225.556204   27.274476
35.934903   39.394130  317.715845
 0.75000    8.089975  225.566948   27.274476
35.912706   20.554909  161.635912
 1.00000    8.089975  225.578116   27.274476
35.893821    2.736677    9.134213

 COMB DB-G2-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.408255  -29.791337  -16.754427
-343.072784  -46.337312  -82.586370
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                879

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -5.408255  -29.784955  -16.754427
-343.090600  -34.743004  -61.986671
 0.50000   -5.408255  -29.778300  -16.754427
-343.116152  -23.148696  -41.386980
 0.75000   -5.408255  -29.771438  -16.754427
-343.143037  -11.555608  -20.787135
 1.00000   -5.408255  -29.764443  -16.754427
-343.171011   -0.901588   -5.507556

 COMB DB-G2-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.727905  488.881368   34.234899
324.750280   96.507030   1358.077
 0.25000    9.727905  506.089294   34.234899
310.837511   72.818618   1056.186
 0.50000    9.727905  524.438779   34.234899
310.837511   49.130208   732.115587
 0.75000    9.727905  543.644096   34.234899
310.837511   25.452747  383.285997
 1.00000    9.727905  563.598658   34.234899
310.837511    3.899846   10.950691

 COMB DB-G2-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.624899  -76.944376  -30.483410
-327.804032  -83.043398 -118.010283
 0.25000  -10.624899  -66.500611  -30.483410
-327.804032  -61.945903  -88.499647
 0.50000  -10.624899  -55.589744  -30.483410
-340.405172  -40.851304  -58.988305
 0.75000  -10.624899  -44.340840  -30.483410
-365.616236  -19.763220  -31.102932
 1.00000  -10.624899  -42.644300  -30.483410
-391.523918   -1.509643  -10.401554

 COMB DB-G2-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.429062  435.325912   33.740992
288.361653   95.701347   1210.373
 0.25000    9.429062  449.658177   33.740992
276.907896   72.347950  939.451001
 0.50000    9.429062  464.941203   33.740992
276.907896   48.996183  650.061466
 0.75000    9.429062  480.937037   33.740992
276.907896   25.676731  340.067792
 1.00000    9.429062  497.556899   33.740992
276.907896    4.163239   10.743607

 COMB DB-G2-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.507796  -72.682659  -31.479724
-426.425827  -85.799360 -122.397593
 0.25000  -10.507796  -63.985117  -31.479724
-426.425827  -64.012039  -91.859079
 0.50000  -10.507796  -54.898552  -31.479724
-436.819427  -42.226896  -61.319975
 0.75000  -10.507796  -45.530471  -31.479724
-457.809505  -20.447547  -31.850766
 1.00000  -10.507796  -44.128285  -31.479724
-479.379528   -1.940398  -10.459081

 COMB DB-G3-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.863553   39.763848   10.215070
29.613344   29.572960  113.207773
 0.25000    2.863553   39.773461   10.215070
29.593600   22.502610   85.705848
 0.50000    2.863553   39.783728   10.215070
29.572689   15.432363   58.191709
 0.75000    2.863553   39.794475   10.215070
29.550458    8.367953   30.675224
 1.00000    2.863553   39.805646   10.215070
29.531293    1.372699    3.374460
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                880

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.554711  -12.867390   -2.772352
-236.152515   -8.429562  -35.976688
 0.25000   -0.554711  -12.861004   -2.772352
-236.170580   -6.519065  -27.089516
 0.50000   -0.554711  -12.854344   -2.772352
-236.196168   -4.618520  -18.228146
 0.75000   -0.554711  -12.847477   -2.772352
-236.223090   -2.748506   -9.434076
 1.00000   -0.554711  -12.840477   -2.772352
-236.251103   -1.072215   -0.800876

 COMB DB-G3-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.471778   92.031623   13.352932
42.668918   39.043671  257.220133
 0.25000    3.471778   92.041233   13.352932
42.649214   29.838862  193.545009
 0.50000    3.471778   92.051496   13.352932
42.628343   20.633980  129.875549
 0.75000    3.471778   92.062239   13.352932
42.606154   11.442044   66.217143
 1.00000    3.471778   92.073407   13.352932
42.587324    2.516048    4.221834

 COMB DB-G3-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.098386  -24.169653  -28.004727
-406.392330  -76.048737  -67.497189
 0.25000   -8.098386  -24.163279  -28.004727
-406.410097  -58.676377  -50.787117
 0.50000   -8.098386  -24.156617  -28.004727
-406.435642  -39.315155  -34.077881
 0.75000   -8.098386  -24.149757  -28.004727
-406.462520  -19.989239  -20.236356
 1.00000   -8.098386  -24.142763  -28.004727
-406.490486   -1.724727   -9.085317

 COMB DB-G3-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.386258  185.983569   19.172053
37.376776   55.831925  519.841930
 0.25000    5.386258  185.992218   19.172053
37.359036   42.563928  391.132098
 0.50000    5.386258  186.001456   19.172053
37.340246   29.310493  262.423509
 0.75000    5.386258  186.011125   19.172053
37.320270   16.044907  133.724050
 1.00000    5.386258  186.021177   19.172053
37.303273    3.481895    6.353717

 COMB DB-G3-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.369908  -35.387919  -15.235572
-501.126242  -42.376889  -98.542433
 0.25000   -4.369908  -35.382175  -15.235572
-501.142277  -32.064486  -74.066789
 0.50000   -4.369908  -35.376186  -15.235572
-501.165274  -21.762228  -49.591856
 0.75000   -4.369908  -35.370010  -15.235572
-501.189471  -11.492370  -26.605158
 1.00000   -4.369908  -35.363715  -15.235572
-501.214647   -1.831884   -4.749180

 COMB DB-G3-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.061978  358.734986   41.975130
225.813105  118.703624   1001.603
 0.25000   12.061978  368.669992   41.975130
208.165394   89.651041  774.475517
 0.50000   12.061978  379.278114   41.975130
189.367049   60.598458  534.558800
 0.75000   12.061978  390.370285   41.975130
178.181308   31.573559  280.352315
 1.00000   12.061978  401.903592   41.975130
178.181308    4.030406   13.590091
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                881

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.596063  -66.386727  -20.386315
-477.658579  -55.905396  -117.715155
 0.25000   -6.596063  -60.070771  -20.386315
-493.087455  -41.698505  -88.410149
 0.50000   -6.596063  -53.478721  -20.386315
-509.393467  -27.800071  -59.072980
 0.75000   -6.596063  -46.682359  -20.386315
-526.360426  -13.934048  -29.973496
 1.00000   -6.596063  -42.393055  -20.386315
-546.104899   -1.937701   -6.652209

 COMB DL-G1-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.766864  378.171255    7.378449
617.401913  19.135302  945.580356
 0.25000    2.766864  395.900145    7.378449
622.123086  14.028324  729.714498
 0.50000    2.766864  414.467036    7.378449
626.835979   8.924436  498.813718
 0.75000    2.766864  433.774553    7.378449
631.097072   3.829407  252.267235
 1.00000    2.766864  453.656426    7.378449
634.640845   3.123911    2.303394

 COMB DL-G1-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.687345  -53.496759  -42.553327
-65.222021 -114.759371  -73.150006
 0.25000  -15.687345  -43.986481  -42.553327
-65.222021  -65.307138  -54.934591
 0.50000  -15.687345  -34.581717  -42.553327
-65.213742  -55.855692  -36.791228
 0.75000  -15.687345  -28.177609  -42.553327
-64.753661  -26.408117  -18.629431
 1.00000  -15.687345  -28.091330  -42.553327
-63.576261   -1.367574  -14.298762

 COMB DL-G1-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.633933  578.112160   36.681312
726.443705  100.276200   1444.288
 0.25000   11.633933  599.314287   36.681312
728.273355   74.890664   1110.321
 0.50000   11.633933  621.554033   36.681312
730.103153   49.512050  758.076906
 0.75000   11.633933  644.729931   36.681312
731.932950   24.159383  386.835943
 1.00000   11.633933  668.682006   36.681312
733.594219    4.872918   10.329595

 COMB DL-G1-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.606606  -85.542187  -46.750394
-168.883606 -125.326819 -129.479463
 0.25000  -17.606606  -73.444060  -46.750394
-168.883606  -92.974428  -96.500682
 0.50000  -17.606606  -61.484033  -46.750394
-168.883606  -60.629801  -63.937071
 0.75000  -17.606606  -49.833700  -46.750394
-168.883606  -28.314881  -32.388884
 1.00000  -17.606606  -48.790313  -46.750394
-168.715078   -1.899780  -15.833137

 COMB DL-G1-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.382799  619.511870   30.155137
647.140160   84.281860   1550.201
 0.25000    9.382799  638.861674   30.155137
648.454194   63.448945   1187.573
 0.50000    9.382799  659.347945   30.155137
649.768333   42.622549  808.155816
 0.75000    9.382799  680.606849   30.155137
651.082472   21.810329  411.276717
 1.00000    9.382799  702.623690   30.155137
652.3094 95    6.325943    8.632670
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                882

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -16.549378  -96.984036  -44.309065
-318.623100 -119.550195 -165.211399
 0.25000  -16.549378  -85.821675  -44.309065
-318.623100  -88.922045 -123.694520
 0.50000  -16.549378  -74.787216  -44.309065
-318.623100  -58.298215  -82.473128
 0.75000  -16.549378  -64.037300  -44.309065
-318.623100  -27.686033  -41.976920
 1.00000  -16.549378  -62.671840  -44.309065
-318.529984   -2.411223  -14.970984

 COMB DL-G1-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.706262  557.531619   29.318916
557.087182   83.083675   1395.756
 0.25000    8.706262  573.735580   29.318916
556.185489   62.834605   1067.572
 0.50000    8.706262  590.736799   29.318916
559.277884   42.597876  725.415369
 0.75000    8.706262  608.457063   29.318916
560.373279   22.382812  368.746102
 1.00000    8.706262  626.775759   29.318916
561.391057    6.935380    8.279847

 COMB DL-G1-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.838936  -93.467456  -51.095791
-446.896536 -139.154355 -176.582550
 0.25000  -17.838936  -84.163121  -51.095791
-446.896536 -103.827399 -132.924126
 0.50000  -17.838936  -74.965397  -51.095791
-446.896536  -68.507330  -89.560829
 0.75000  -17.838936  -66.004853  -51.095791
-446.896536  -33.204805  -46.879652
 1.00000  -17.838936  -64.866680  -51.095791
-446.818919   -2.904170  -16.251765

 COMB DL-G2-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.605293  180.295180   32.180379
44.220559   89.647693  451.620222
 0.25000    9.605293  180.301027   32.180379
44.207539   67.383680  340.330977
 0.50000    9.605293  180.307244   32.180379
44.194589   45.131599  229.036932
 0.75000    9.605293  180.313775   32.180379
44.181818   22.948291  117.750373
 1.00000    9.605293  180.320589   32.180379
44.169330    1.917902    8.870475

 COMB DL-G2-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.443981  -22.849358   -3.407209
-159.006843   -8.986848  -61.166141
 0.25000   -1.443981  -22.844895   -3.407209
-159.017775   -6.640185  -45.403883
 0.50000   -1.443981  -22.840487   -3.407209
-159.029728   -4.306411  -29.942583
 0.75000   -1.443981  -22.836170   -3.407209
-159.042616   -2.041459  -15.185150
 1.00000   -1.443981  -22.831995   -3.407209
-159.056383   -0.530371   -1.240651

 COMB DL-G2-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.306136  265.660245   25.813614
47.129068   74.188645  664.759980
 0.25000    7.306136  265.666092   25.813614
47.116048   56.396020  499.783658
 0.50000    7.306136  265.672309   25.813614
47.103098   38.621013  334.809746
 0.75000    7.306136  265.678840   25.813614
47.090327   20.861815  169.868399
 1.00000    7.306136  265.685653   25.813614
47.077839    4.115882    7.136561
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                     Page
<              MOVING        LOAD              >
                                883

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.859064  -42.230493  -14.924944
-369.554205  -41.580167 -116.566858
 0.25000   -4.859064  -42.226030  -14.924944
-369.565137  -31.311800  -87.619038
 0.50000   -4.859064  -42.221622  -14.924944
-369.577090  -21.061905  -58.958245
 0.75000   -4.859064  -42.217305  -14.924944
-369.589978  -10.830074  -30.994513
 1.00000   -4.859064  -42.213105  -14.924944
-369.603745   -1.478639   -4.353827

 COMB DL-G2-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.251281  515.227717   34.751988
413.655022   98.031073   1293.046
 0.25000   10.251281  531.491860   34.751988
391.990516   74.040112  993.010836
 0.50000   10.251281  548.661596   34.751988
386.847559   50.063431  676.357299
 0.75000   10.251281  566.639545   34.751988
382.865703   26.131886  348.471638
 1.00000   10.251281  585.301170   34.751988
380.085380    5.974013    9.426849
```

COMB DL-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.007820	-101.932577	-33.204394
-357.685594	-90.018972	-170.753076	
0.25000	-12.007820	-91.128611	-33.204394
-364.111067	-67.098839	-127.898496	
0.50000	-12.007820	-80.421295	-33.204394
-385.809239	-44.195294	-85.332907	
0.75000	-12.007820	-69.359188	-33.204394
-409.521410	-21.318285	-43.185631	
1.00000	-12.007820	-60.074151	-33.204394
-435.017416	-2.242433	-11.689219	

COMB DL-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.048290	466.073105	34.934501
366.995038	99.754586	1171.663	
0.25000	10.048290	479.618064	34.934501
348.952598	75.633812	898.413201	
0.50000	10.048290	493.917209	34.934501
344.669487	51.528496	612.993954	
0.75000	10.048290	508.889443	34.934501
341.353354	27.444268	314.908102	
1.00000	10.048290	524.431051	34.934501
339.037870	6.692649	9.554448	

COMB DL-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.275728	-96.924284	-32.871092
-491.498113	-89.983656	-175.004604	
0.25000	-11.275728	-87.926623	-32.871092
-496.849318	-67.281312	-131.360777	
0.50000	-11.275728	-79.009451	-32.871092
-514.919795	-44.595333	-87.963750	
0.75000	-11.275728	-70.296493	-32.871092
-534.667553	-21.932909	-44.936699	
1.00000	-11.275728	-62.064125	-32.871092
-555.900908	-2.858006	-11.072274	

COMB DL-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.778079	53.590151	12.856273
37.382922	38.158341	139.735190	
0.25000	3.778079	53.595996	12.856273
37.369934	29.261109	105.803560	
0.50000	3.778079	53.602212	12.856273
37.357017	20.363894	71.866832	
0.75000	3.778079	53.608741	12.856273
37.344277	11.472661	37.926960	
1.00000	3.778079	53.615552	12.856273
37.331821	4.099137	4.091137	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
884

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.729320	-18.278934	-3.557531
-299.808201	-11.273193	-48.584313	
0.25000	-0.729320	-18.274476	-3.557531
-299.819102	-8.813288	-36.653721	
0.50000	-0.729320	-18.270073	-3.557531
-299.831020	-6.358879	-24.723726	
0.75000	-0.729320	-18.265761	-3.557531
-299.843872	-3.916782	-12.803766	
1.00000	-0.729320	-18.261592	-3.557531
-299.857600	-1.560966	-1.002476	

COMB DL-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.171972	117.404769	15.930857
53.483011	47.974874	298.805908	
0.25000	4.171972	117.410615	15.930857
53.470010	36.971114	224.842274	
0.50000	4.171972	117.416832	15.930857
53.457078	25.974396	150.890194	
0.75000	4.171972	117.423361	15.930857
53.444325	14.996952	76.984358	
1.00000	4.171972	117.430173	15.930857
53.431855	4.607017	4.695342	

COMB DL-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.931810	-34.955457	-24.878631
-505.913597	-70.319854	-101.794560	
0.25000	-6.931810	-34.950937	-24.878631
-505.924512	-53.137670	-77.624124	
0.50000	-6.931810	-34.946592	-24.878631
-505.936445	-35.968756	-53.479693	
0.75000	-6.931810	-34.942278	-24.878631
-505.949312	-18.834816	-29.408490	
1.00000	-6.931810	-34.938106	-24.878631
-505.963057	-2.529938	-7.083103	

COMB DL-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.323965	229.406858	23.189824
46.618556	68.985824	581.815461	
0.25000	6.323965	229.469993	23.189824
46.478136	53.005179	437.865805	
0.50000	6.323965	229.537131	23.189824
46.338476	37.046996	293.858161	
0.75000	6.323965	229.607652	23.189824
46.200746	21.146276	149.853812	
1.00000	6.323965	229.681220	23.189824
46.066066	5.849413	6.859079	

COMB DL-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.646447	-50.434156	-16.644438
-590.860782	-47.393158	-136.682531	
0.25000	-4.646447	-50.385990	-16.644438
-590.978661	-36.048698	-103.390323	
0.50000	-4.646447	-50.338411	-16.644438
-591.107538	-24.744157	-70.105602	
0.75000	-4.646447	-50.291322	-16.644438
-591.246502	-13.486017	-36.848177	
1.00000	-4.646447	-50.246765	-16.644438
-591.394946	-2.756541	-4.502917	

COMB DL-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.044406	395.590749	41.647395
277.723607	119.030174	997.494973	
0.25000	12.044406	405.132598	41.647395
259.453960	90.277155	763.583322	
0.50000	12.044406	415.244221	41.647395
241.273057	61.537994	529.931245	
0.75000	12.044406	425.849484	41.647395
223.317709	32.831682	269.129371	
1.00000	12.044406	436.886392	41.647395
216.101105	6.552787	11.563087	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
885

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.700019	-88.840227	-23.525356
-561.748749	-64.891880	-170.624058	
0.25000	-7.700019	-81.992689	-23.525356
-576.571607	-48.747776	-127.920349	
0.50000	-7.700019	-75.229283	-23.525356
-592.931914	-32.648611	-85.428014	
0.75000	-7.700019	-68.601736	-23.525356
-610.648539	-16.601039	-43.369675	
1.00000	-7.700019	-62.223434	-23.525356
-629.591079	-2.899740	-7.525504	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.061978	598.737493	41.975130
577.306939	118.703624	1656.418	
0.25000	12.061978	619.824473	41.975130
577.306939	89.651041	1286.343	
0.50000	12.061978	642.278947	41.975130
577.306939	60.598458	889.031443	
0.75000	12.061978	665.778015	41.975130
577.306939	31.573559	461.405691	
1.00000	12.061978	690.184661	41.975130
577.306939	4.347576	13.590991	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.236518	-76.944376	-44.386501
-501.126242	-121.043293	-127.804757	
0.25000	-15.236518	-66.500611	-44.386501
-501.142277	-90.322865	-95.872012	
0.50000	-15.236518	-55.589744	-44.386501
-509.393467	-59.603603	-63.938582	
0.75000	-15.236518	-46.682388	-44.386501
-526.360426	-28.891773	-32.323320	
1.00000	-15.236518	-46.147324	-44.386501
-546.104899	-2.002337	-15.228837	

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.044406	619.511870	41.647395
726.443705	119.030174	1550.201	
0.25000	12.044406	638.951674	41.647395
728.273355	90.277155	1187.573	
0.50000	12.044406	659.347945	41.647395
730.103153	61.537994	808.155816	
0.75000	12.044406	680.606849	41.647395
731.932950	32.831682	411.276717	
1.00000	12.044406	702.583690	41.647395
733.594219	6.935380	11.563087	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.838936	-101.932577	-51.095791
-590.860782	-139.154355	-176.582550	
0.25000	-17.838936	-91.128611	-51.095791
-590.978661	-103.827399	-132.924126	
0.50000	-17.838936	-80.421295	-51.095791
-592.931914	-68.507330	-89.560829	
0.75000	-17.838936	-70.296493	-51.095791
-610.648539	-33.204805	-46.879652	
1.00000	-17.838936	-64.866680	-51.095791
-629.591079	-2.904170	-16.251765	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.061978	619.511870	41.975130
726.443705	119.030174	1656.418	
0.25000	12.061978	638.951674	41.975130
728.273355	90.277155	1286.343	
0.50000	12.061978	659.347945	41.975130
730.103153	61.537994	889.031443	
0.75000	12.061978	680.606849	41.975130
731.932950	32.831682	461.405691	
1.00000	12.061978	702.583690	41.975130
733.594219	6.935380	13.590991	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
886

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.838936	-101.932577	-51.095791
-590.860782	-139.154355	-176.582550	
0.25000	-17.838936	-91.128611	-51.095791
-590.978661	-103.827399	-132.924126	
0.50000	-17.838936	-80.421295	-51.095791
-592.931914	-68.507330	-89.560829	
0.75000	-17.838936	-70.296493	-51.095791
-610.648539	-33.204805	-46.879652	
1.00000	-17.838936	-64.866680	-51.095791
-629.591079	-2.904170	-16.251765	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.061978	619.511870	41.975130
726.443705	119.030174	1656.418	
0.25000	12.061978	638.951674	41.975130
728.273355	90.277155	1286.343	
0.50000	12.061978	659.347945	41.975130
730.103153	61.537994	889.031443	
0.75000	12.061978	680.606849	41.975130
731.932950	32.831682	461.405691	
1.00000	12.061978	702.583690	41.975130
733.594219	6.935380	13.590991	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.838936	-101.932577	-51.095791
-590.860782	-139.154355	-176.582550	
0.25000	-17.838936	-91.128611	-51.095791
-590.978661	-103.827399	-132.924126	
0.50000	-17.838936	-80.421295	-51.095791
-592.931914	-68.507330	-89.560829	
0.75000	-17.838936	-70.296493	-51.095791
-610.648539	-33.204805	-46.879652	
1.00000	-17.838936	-64.866680	-51.095791
-629.591079	-2.904170	-16.251765	

ELEM 56 ========== LENGTH = 2.751480

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.892337	16.761741	4.699898
47.609693	2.379335	8.321588	
0.25000	6.892337	16.849338	4.699898
48.322477	22.124379	83.755738	
0.50000	6.892337	17.170649	4.699898
49.013846	41.953208	158.738522	
0.75000	6.892337	17.478307	4.699898
49.685567	61.790627	233.051595	
1.00000	6.892337	17.766327	4.699898
50.339250	81.630016	306.798553	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.205785	-110.642993	-28.849603
-480.247772	-1.739074	-1.258888	
0.25000	-1.205785	-110.073548	-28.849603
-479.396044	-4.348211	-12.562891	
0.50000	-1.205785	-109.534975	-28.849603
-478.563907	-7.578377	-24.092975	
0.75000	-1.205785	-109.030758	-28.849603
-477.749816	-10.809360	-35.622952	
1.00000	-1.205785	-108.572743	-28.849603
-476.952172	-14.042215	-47.152814	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.764144	30.106581	33.259740
118.828519	5.079935	9.354886	
0.25000	7.764144	30.930504	33.259740
125.236788	26.796468	216.194297	
0.50000	7.764144	34.155871	33.259740
131.453351	49.187685	422.659764	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
887

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.764144	27.244233	33.259740
137.494527	71.616087	622.401927	
1.00000	7.764144	40.135614	33.259740
143.375186	94.059370	816.459539	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.120417	-316.540552	-32.720392
-808.113633	-2.576971	-9.029735	
0.25000	-8.120417	-310.824481	-32.720392
-800.463893	-22.705779	-222.282592	
0.50000	-8.120417	-305.418041	-32.720392
-792.988586	-45.561832	-42.994740	
0.75000	-8.120417	-300.356129	-32.720392
-785.671520	-68.437398	-63.705824	
1.00000	-8.120417	-295.757507	-32.720392
-778.497879	-91.313662	-84.415762	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.104292	40.436462	23.420559
79.277003	7.247752	8.622533	
0.25000	7.104292	42.293004	23.420559
76.625798	25.409746	425.382635	
0.50000	7.104292	61.241013	23.420559
75.517773	45.237761	803.425862	
0.75000	7.104292	79.387080	23.420559
75.517773	66.060361	1141.936	
1.00000	7.104292	96.383732	23.420559
75.517773	86.884807	1446.958	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.339339	-647.061512	-30.282168
-642.282036	-3.036008	-7.277165	
0.25000	-6.339339	-613.486482	-30.282168
-642.282036	-15.323300	-29.448743	
0.50000	-6.339339	-581.715705	-30.282168
-642.282036	-29.461817	-57.276101	
0.75000	-6.339339	-551.950927	-30.282168
-642.531498	-45.102903	-85.106204	
1.00000	-6.339339	-524.884232	-30.282168
-644.738936	-61.645116	-112.926214	

COMB DB-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.604202	44.296052	23.160798
326.210962	8.185865	11.242505	
0.25000	9.604202	45.858068	23.160798
326.210962	32.294826	438.998869	
0.50000	9.604202	61.436569	23.160798
326.210962	59.845452	837.202413	
0.75000	9.604202	76.357003	23.160798
326.210962	88.217102	1202.908	
1.00000	9.604202	90.329724	23.160798
326.210962	116.590419	1541.078	

COMB DB-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.148386	-659.027648	-41.254882
-577.562329	-3.271247	-7.388835	
0.25000	-6.148386	-631.423113	-41.254882
-577.562329	-13.678353	-31.752325	
0.50000	-6.148386	-605.302222	-41.254882
-577.562329	-27.712506	-62.231634	
0.75000	-6.148386	-580.830820	-41.254882
-577.562329	-43.611881	-92.713372	
1.00000	-6.148386	-558.575788	-41.254882
-577.562329	-59.527033	-123.187145	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.616256	15.500507	32.244303
80.158815	3.243766	0.713417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
888

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.616256	17.471046	32.244303
91.760055	3.555472	209.284909	
0.50000	0.616256	27.740738	32.244303
103.025062	4.856466	402.221508	
0.75000	0.616256	37.574837	32.244303
113.989154	6.490294	573.743132	
1.00000	0.616256	46.783443	32.244303
124.684490	8.280876	727.143423	

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.936937	-332.928099	-2.611659
-303.279312	-0.858290	-8.864299	
0.25000	-7.936937	-314.728998	-2.611659
-289.534885	-20.128319	-111.611657	
0.50000	-7.936937	-297.512579	-2.611659
-276.067325	-42.307051	-21.820554	
0.75000	-7.936937	-281.389218	-2.611659
-262.846371	-64.486766	-32.489762	
1.00000	-7.936937	-266.735081	-2.611659
-249.836935	-86.666578	-43.153442	

COMB DB-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.499658	29.739952	23.126014
143.826577	6.059479	3.976844	
0.25000	3.499658	31.826508	23.126014
143.826577	12.747978	425.102707	
0.50000	3.499658	52.509404	23.126014
143.826577	22.338091	805.014244	
0.75000	3.499658	72.316872	23.126014
143.826577	33.019908	1141.774	
1.00000	3.499658	90.869529	23.126014
143.826577	43.704197	1441.976	

COMB DB-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.281661	-658.678693	-15.541478
-190.196615	-1.613364	-7.435445	
0.25000	-6.281661	-622.029311	-15.541478
-190.196615	-13.110607	-21.059367	
0.50000	-6.281661	-587.349784	-15.541478
-190.196615	-26.588137	-41.529367	
0.75000	-6.281661	-554.860287	-15.541478
-190.196615	-42.464297	-62.002588	
1.00000	-6.281661	-525.312685	-15.541478
-190.196615	-58.363610	-82.465246	

COMB DB-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.610773	40.142659	28.638871
158.820753	7.608224	7.807491	
0.25000	6.610773	42.077471	28.638871
158.820753	23.849556	455.068842	
0.50000	6.610773	60.896516	28.638871
158.820753	42.696660	865.827123	
0.75000	6.610773	78.918989	28.638871
158.820753	62.537550	1237.328	
1.00000	6.610773	95.799633	28.638871
158.820753	82.380677	1575.563	

COMB DB-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.422893	-693.976091	-28.853453
-530.367010	-2.700016	-8.622529	
0.25000	-7.422893	-660.629260	-28.853453
-530.367010	-16.383728	-28.909803	
0.50000	-7.422893	-629.075014	-28.853453
-530.367010	-34.040242	-56.534312	
0.75000	-7.422893	-599.513663	-28.853453
-530.367010	-53.680378	-84.161710	
1.00000	-7.422893	-572.627137	-28.853453
-530.367010	-73.361212	-111.779492	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
889

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.534167	44.052320	29.169658
423.136648	8.549460	7.515283	
0.25000	6.534167	45.652708	29.169658
423.136648	23.020466	436.263922	
0.50000	6.534167	61.516481	29.169658
423.136648	41.462946	835.577822	
0.75000	6.534167	76.708801	29.169658
423.136648	60.740303	1201.804	
1.00000	6.534167	90.938682	29.169658
423.136648	80.019173	1540.018	

COMB DB-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.439622	-662.224757	-28.032679
-459.885865	-3.173463	-9.055333	
0.25000	-7.439622	-634.114695	-28.032679
-459.885865	-15.283315	-31.231442	
0.50000	-7.439622	-607.515511	-28.032679
-459.885865	-33.534995	-61.543057	
0.75000	-7.439622	-582.596080	-28.032679
-459.885865	-53.567914	-91.854703	
1.00000	-7.439622	-559.933080	-28.032679
-459.885865	-73.624307	-122.162946	

COMB DB-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.463248	16.182967	10.491193
483.479026	3.442295	0.596858	
0.25000	0.463248	16.183114	10.491193
482.348681	1.923531	76.196804	
0.50000	0.463248	16.551494	10.491193
481.250989	2.264282	153.954969	
0.75000	0.463248	16.932722	10.491193
480.184285	3.426068	230.888981	
1.00000	0.463248	17.283797	10.491193
479.148162	4.782602	307.133464	

COMB DB-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.488413	-115.098448	-1.979560
-43.319119	-1.544594	-3.593940	
0.25000	-2.488413	-114.399202	-1.979560
-44.248979	-3.913238	-10.847064	
0.50000	-2.488413	-113.737222	-1.979560
-45.148915	-11.094849	-21.977791	
0.75000	-2.488413	-113.116635	-1.979560
-46.020171	-18.292311	-33.108683	
1.00000	-2.488413	-112.555307	-1.979560
-46.863883	-25.493142	-44.239397	

COMB DB-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.460297	28.814413	13.562962
777.091528	5.955157	6.113475	
0.25000	5.460297	28.815926	13.562962
766.554011	17.306089	226.875594	
0.50000	5.460297	32.842157	13.562962
756.325146	32.871761	442.284725	
0.75000	5.460297	36.877376	13.562962
746.389804	49.305661	648.940820	
1.00000	5.460297	40.658591	13.562962
736.745250	66.001698	848.225114	

COMB DB-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.185596	-335.130710	-24.282448
122.100977	-2.273131	-4.170478	
0.25000	-3.185596	-327.666542	-24.282448
-131.656063	-5.169911	-19.550109	
0.50000	-3.185596	-320.600627	-24.282448
-140.034200	-13.720125	-39.370927	
0.75000	-3.185596	-313.977128	-24.282448
-148.143274	-22.880119	-59.193724	
1.00000	-3.185596	-307.981733	-24.282448
-155.993233	-32.057602	-79.015164	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
890

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.951319	39.191889	17.523123
588.570854	8.099858	3.464301	
0.25000	2.951319	41.181257	17.523123
588.570854	10.923703	422.769863	
0.50000	2.951319	60.284267	17.523123
588.570854	17.993604	803.560693	
0.75000	2.951319	78.576660	17.523123
588.570854	26.851233	1144.577	
1.00000	2.951319	95.713929	17.523123
588.570854	35.952815	1451.824	

COMB DB-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.873479	-651.923215	-13.242031
-111.057933	-2.765135	-6.573504	
0.25000	-4.873479	-618.073117	-13.242031
-111.057933	-6.595935	-27.050266	
0.50000	-4.873479	-586.042824	-13.242031
-111.057933	-16.711170	-54.019924	
0.75000	-4.873479	-556.035649	-13.242031

```
-111.057933  -28.702520  -80.992466
 1.00000     -4.873479  -528.742303   -13.242031
-111.057933   -40.722326  -107.955207

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     4.189011    43.849306    36.926961
526.505426    8.807223     4.971460
 0.25000     4.189011    45.433512    36.926961
526.505426   15.897736   429.010643
 0.50000     4.189011    61.082304    36.926961
526.505426   26.797425   825.305569
 0.75000     4.189011    76.068736    36.926961
526.505426   39.182864  1189.054
 1.00000     4.189011    90.105758    36.926961
526.505426   51.772479  1525.145

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.323718  -656.754274  -18.316554
-376.611066   -3.171502   -11.404200
 0.25000    -9.323718  -629.025132  -18.316554
-376.611066  -19.776866   -30.792292
 0.50000    -9.323718  -602.786431  -18.316554
-376.611066  -43.313065   -60.963632
 0.75000    -9.323718  -578.204753  -18.316554
-376.611066  -68.671499   -91.137385
 1.00000    -9.323718  -555.848630  -18.316554
-376.611066   -94.066253  -121.303115

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.231199    24.119811     8.712270
 62.274715    4.914474    11.145716
 0.25000    10.231199    24.338721     8.712270
 63.001475   34.094479    93.141620
 0.50000    10.231199    24.626958     8.712270
 63.744360   63.359673   174.977442
 0.75000    10.231199    24.919307     8.712270
 64.506685   92.627255   256.437856
 1.00000    10.231199    25.208746     8.712270
 65.271899  121.895697   337.541825

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -2.261800  -132.871870   -42.553168
-605.095868   -3.417460   -2.331075
 0.25000    -2.261800  -132.404650   -42.553168
-604.250002   -9.125309   -18.420204
 0.50000    -2.261800  -131.956813   -42.553168
-603.457217  -15.113958   -35.882544
 0.75000    -2.261800  -131.534855   -42.553168
-602.708567  -21.104248   -53.342256
 1.00000    -2.261800  -131.141643   -42.553168
-602.002003  -27.094649   -70.817636
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  891

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.535275    42.850741    35.300903
138.968507    9.632671    12.488126
 0.25000    11.535275    44.642576    35.300903
144.220774   41.086783   217.137111
 0.50000    11.535275    47.082319    35.300903
149.575975   73.920930   422.838649
 0.75000    11.535275    49.552167    35.300903
155.039257  106.825034   625.363535
 1.00000    11.535275    51.999202    35.300903
160.614819  139.749440   824.871785

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.513207  -347.496697   -47.916649
-985.283624   -5.079908   -8.699403
 0.25000    -8.513207  -343.527083   -47.916649
-979.201185  -27.226665   -31.599905
 0.50000    -8.513207  -339.746424   -47.916649
-973.444646  -51.418059   -59.764814
 0.75000    -8.513207  -336.173433   -47.916649
-968.030669  -76.650277  -88.079646
 1.00000    -8.513207  -332.844285   -47.916649
-962.943765  -99.934614  -116.387994

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.900478    57.873880    29.902953
124.746785   12.356832    11.782653
 0.25000    10.900478    67.369039    29.902953
120.214258   40.185093   381.273279
 0.50000    10.900478    83.925910    29.902953
116.031168   70.913379   731.506592
 0.75000    10.900478   100.638815    29.902953
112.205195  102.172770  1059.936
 1.00000    10.900478   117.227882    29.902953
108.738175  133.532885  1367.949

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.562757  -650.496062   -45.747820
-807.082103   -5.447614   -7.942203
 0.25000    -7.562757  -623.373615   -45.747820
-811.294086  -22.494972   -40.970358
 0.50000    -7.562757  -597.539730   -45.747820
-815.555722  -41.617240   -78.429618
 0.75000    -7.562757  -573.102363   -45.747820
-819.844516  -61.865312  -116.110999
 1.00000    -7.562757  -550.360722   -45.747820
-824.142408   -82.324379  -153.818906

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.769333    62.473579    29.220019
409.353842   13.580457   12.306628
 0.25000    11.769333    70.315820    29.220019
406.089473   41.956562   398.252492
 0.50000    11.769333    83.944089    29.220019
403.085397   75.047760   770.141711
 0.75000    11.769333    97.700714    29.220019
400.346884  109.003645  1124.087
 1.00000    11.769333   111.355372    29.220019
397.879103  143.130727  1461.234

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.321553  -672.327978   -49.879999
-719.216984   -6.000217   -8.056764
 0.25000    -7.321553  -650.004397   -49.879999
-722.280120  -20.202290   -43.428013
 0.50000    -7.321553  -628.743738   -49.879999
-725.375511  -38.485584   -83.819403
 0.75000    -7.321553  -608.631208   -49.879999
-728.486056  -58.180951  -124.398268
 1.00000    -7.321553  -589.913088   -49.879999
-731.593827  -78.085787  -164.936432
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  892

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     1.070448    21.636217    29.139855
 84.225580    5.201206    1.084211
 0.25000     1.070448    27.942344    29.139855
 97.265081    5.894172   176.113779
 0.50000     1.070448    37.178768    29.139855
110.602493    8.615768   343.724001
 0.75000     1.070448    46.502499    29.139855
124.197567   11.507526   499.195218
 1.00000     1.070448    55.746246    29.139855
138.063746   14.528099   643.309110

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.887923  -319.327374   -4.437054
-346.681605   -1.551720   -7.695750
 0.25000    -6.887923  -304.294492   -4.437054
-331.421478  -18.952637  -16.495122
 0.50000    -6.887923  -289.973002   -4.437054
-317.030357  -38.831052  -30.746956
 0.75000    -6.887923  -276.438867   -4.437054
-303.485459  -58.815875  -45.043719
 1.00000    -6.887923  -263.837863   -4.437054
-290.748189  -78.826792  -59.328248

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     3.345403    41.802705    23.874202
169.879411    9.016779    3.241836
 0.25000     3.345403    52.612827    23.874202
169.879411   141.223775   356.299182
 0.50000     3.345403    71.120643    23.874202
169.879411   23.291231   688.410417
 0.75000     3.345403    89.803981    23.874202
169.879411   33.272628   996.131918
 1.00000     3.345403   108.348638    23.874202
169.879411   43.370805   1281.041

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.058779  -634.461966   -14.866527
-223.137837   -2.731366   -6.549231
 0.25000    -6.058779  -604.157249   -14.866527
-223.137837  -14.063238  -28.548462
 0.50000    -6.058779  -575.296853   -14.866527
-223.137837  -28.893754  -55.561334
 0.75000    -6.058779  -547.994423   -14.866527
-223.137837  -45.058126  -82.605614
 1.00000    -6.058779  -522.577111   -14.866527
-223.137837  -61.342825  -109.564495

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     7.920305    56.678585    32.918968
193.371424   12.400394    8.263698
 0.25000     7.920305    66.594738    32.918968
193.453012   31.190589   401.778163
 0.50000     7.920305    83.499368    32.918968
193.478849   53.516677   776.614671
 0.75000     7.920305   100.564220    32.918968
193.478849   76.677782  1150.179
 1.00000     7.920305   117.502351    32.918968
193.478849   99.943891   1460.901

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.177411  -693.585699   -33.989898
-651.459722   -4.892533   -8.894529
 0.25000    -8.177411  -665.910211   -33.989898
-651.186318  -22.175672   -39.606451
 0.50000    -8.177411  -639.553903   -33.989898
-650.857165   -43.460591   -76.258236
 0.75000    -8.177411  -614.620216   -33.989898
-650.502174   -65.873491  -112.916455
 1.00000    -8.177411  -591.405980   -33.989898
-650.147185   -88.384163  -149.511245
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  893

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     7.501787    61.930519    33.755891
515.723633   13.991989    7.775565
 0.25000     7.501787    70.258047    33.755891
515.723633   28.711688   395.528695
 0.50000     7.501787    84.575178    33.755891
515.723633   49.240962   769.453406
 0.75000     7.501787    99.005860    33.755891
515.723633   70.802725  1124.522
 1.00000     7.501787   113.329426    33.755891
515.723633   92.581084  1461.972

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.308871  -677.575718   -32.015889
-564.400848   -5.684277   -9.255427
 0.25000    -8.308871  -654.168882   -32.015889
-564.400848  -20.758705  -42.462098
 0.50000    -8.308871  -631.877627   -32.015889
-564.400848  -42.186280  -82.445789
 0.75000    -8.308871  -610.789710   -32.015889
-564.400848  -64.028916  -122.449847
 1.00000    -8.308871  -591.157826   -32.015889
-564.400848  -87.894663  -162.413952

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     0.729306    22.625908    14.671120
599.344274    5.911802    0.841691
 0.25000     0.729306    22.776040    14.671120
598.230502    2.266281    80.241105
 0.50000     0.729306    23.137881    14.671120
597.185214    3.049330   163.402395
 0.75000     0.729306    23.502934    14.671120
596.206223    4.542898   246.105401
 1.00000     0.729306    23.865861    14.671120
595.290532    6.300687   328.364976

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -3.342573  -135.718160   -2.950967
-53.631998   -2.652839   -4.491251
 0.25000    -3.342573  -135.122234   -2.950967
-54.604165   -6.355711   -15.858724
 0.50000    -3.342573  -134.550894   -2.950967
-55.593353   -15.561033   -31.555563
 0.75000    -3.342573  -134.011309   -2.950967
-56.600536   -25.175636   -47.224972
 1.00000    -3.342573  -133.512373   -2.950967
-57.622895   -34.992240   -62.914997

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     4.828101    40.055900    17.951919
924.755851    9.621594    4.542464
 0.25000     4.828101    41.503120    17.951919
916.289387   15.451180   213.216892
 0.50000     4.828101    44.776736    17.951919
908.359144   28.282340   422.954668
 0.75000     4.828101    48.078983    17.951919
900.916947   42.177262   628.362812
 1.00000     4.828101    51.361448    17.951919
893.980815   56.470091   829.774405

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -4.093060  -358.910090   -21.273325
-134.001381   -4.234168   -5.632033
 0.25000    -4.093060  -353.508305   -21.273325
-141.385392   -7.57215   -26.058727
 0.50000    -4.093060  -348.360789   -21.273325
-148.915553   -18.217803   -51.838301
 0.75000    -4.093060  -343.488656   -21.273325
-156.561338   -29.859713   -77.641095
 1.00000    -4.093060  -338.983714   -21.273325
-164.346000   -41.812974  -103.319394
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  894

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     3.378234    54.784600    23.962989
743.579547   12.602357    3.409143
 0.25000     3.378234    64.754608    23.962989
744.988326   13.058066   366.327086
 0.50000     3.378234    81.495248    23.962989
746.456634   21.127604   712.786538
 0.75000     3.378234    98.378343    23.962989
748.006251   30.701243   1037.203
 1.00000     3.378234   115.149030    23.962989
749.661785   40.645967   1340.983

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -5.979433  -645.556150   -14.990548
-151.857913   -4.657538   -7.657555
 0.25000    -5.979433  -618.176899   -14.990548
-149.892712  -10.655427   -36.318193
 0.50000    -5.979433  -592.103250   -14.990548
-147.969834   -25.095904   -71.627760
 0.75000    -5.979433  -567.436400   -14.990548
-146.243313   -40.882632  -106.978722
 1.00000    -5.979433  -544.463087   -14.990548
-145.313118   -56.985288  -142.244979

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     5.316903    61.526721    40.399911
661.942511   14.363479    5.514637
 0.25000     5.316903    69.693175    40.399911
662.654948   21.248027   386.421769
 0.50000     5.316903    83.448247    40.399911
663.407792   35.071527   756.063578
 0.75000     5.316903    97.333476    40.399911
664.219817   50.172040  1107.596
 1.00000     5.316903   111.119828    40.399911
665.109097   65.588868  1442.161

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.769560  -669.034394   -22.870590
-474.274916   -5.618171   -11.556761
 0.25000    -9.769560  -646.043595   -22.870590
-473.219272   -23.349793   -41.698618
 0.50000    -9.769560  -625.088091   -22.870590
-472.503609   -49.448095   -81.384408
 0.75000    -9.769560  -604.808298   -22.870590
-471.810402   -76.650277  -121.108621
 1.00000    -9.769560  -585.922269   -22.870590
-471.142148  -104.111537  -160.759640

 COMB      DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     9.604202    44.296952    36.926961
777.091528    8.807223    11.249305
 0.25000     9.604202    45.858068    36.926961
766.554011   32.294826   455.068842
 0.50000     9.604202    61.516481    36.926961
756.325146   59.845452   865.827123
 0.75000     9.604202    79.387080    36.926961
746.589804   88.217102  1259.592
 1.00000     9.604202    96.383732    36.926961
736.745250   116.590419  1575.563

 COMB      DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.323718  -693.976091   -41.254882
-808.113633   -3.271247   -11.404200
 0.25000    -9.323718  -660.629260   -41.254882
-800.463893   -22.705779   -31.752325
 0.50000    -9.323718  -629.075014   -41.254882
-792.988586   -45.561832   -62.231634
 0.75000    -9.323718  -599.513663   -41.254882
-785.671520   -68.671499   -92.713372
 1.00000    -9.323718  -572.627137   -41.254882
-778.497879   -94.066253  -123.187145
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  895

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.769333    62.473579    40.399911
924.755851   14.363479   12.488126
 0.25000    11.769333    70.315820    40.399911
916.289387   41.956562   401.778163
 0.50000    11.769333    84.575178    40.399911
908.359144   75.047760   776.614671
 0.75000    11.769333   100.638815    40.399911
900.916947  109.003645  1129.179
 1.00000    11.769333   117.502351    40.399911
893.980815  143.130727  1461.972

 COMB      DL ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.769560  -693.585699   -49.879999
-985.283624   -6.000217   -11.556761
 0.25000    -9.769560  -665.910211   -49.879999
-979.201185  -27.226665   -43.428013
 0.50000    -9.769560  -639.553903   -49.879999
-973.444646  -51.418059   -83.819403
 0.75000    -9.769560  -614.620216   -49.879999
-968.030669  -76.650277  -124.398268
 1.00000    -9.769560  -591.405980   -49.879999
-962.943765  -104.111537  -164.936432

 COMB      CAR ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.769333    62.473579    40.399911
924.755851   14.363479   12.488126
 0.25000    11.769333    70.315820    40.399911
916.289387   41.956562   455.068842
 0.50000    11.769333    84.575178    40.399911
908.359144   75.047760   865.827123
 0.75000    11.769333   100.638815    40.399911
900.916947  109.003645  1237.328
 1.00000    11.769333   117.502351    40.399911
893.980815  143.130727  1575.563

 COMB      CAR ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -9.769560  -693.976091   -49.879999
-985.283624   -6.000217   -11.556761
 0.25000    -9.769560  -665.910211   -49.879999
-979.201185  -27.226665   -43.428013
 0.50000    -9.769560  -639.553903   -49.879999
-973.444646  -51.418059   -83.819403
 0.75000    -9.769560  -614.620216   -49.879999
-968.030669  -76.650277  -124.398268
 1.00000    -9.769560  -591.405980   -49.879999
-962.943765  -104.111537  -164.936432
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  896

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     6.686641   16.620175     6.673295
 66.581123   84.413640   308.840686
 0.25000     6.686641   17.052646     6.673295
 67.486153   77.326543   452.033793
 0.50000     6.686641   17.795487     6.673295
 69.630650   70.487532   594.149573
 0.75000     6.686641   18.618082     6.673295
 70.777921   63.972508   735.071946
 1.00000     6.686641   19.410546     6.673295
 72.336524   57.704545   875.090886

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -1.266115  -118.770535   -1.097149
-628.163516   -15.361548   -47.285647
 0.25000    -1.266115  -117.956342   -1.097149
-626.559324   -14.087955   -67.129241
 0.50000    -1.266115  -117.215132   -1.097149
-625.397670   -12.814372   -86.972673
 0.75000    -1.266115  -116.556463   -1.097149
-624.243893   -11.540789  -106.816106
 1.00000    -1.266115  -115.990402   -1.097149
-623.093435   -10.267207  -126.659540

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     7.594713   37.440831     7.344194
118.502987   99.199776   819.312661
 0.25000     7.594713   41.773768     7.344194
126.650679   91.274616   1085.193
 0.50000     7.594713   49.242531     7.344194
145.971840   83.545524   1353.412
 0.75000     7.594713   57.482368     7.344194
156.239382   76.178898   1623.582
 1.00000     7.594713   65.418568     7.344194
170.317781   68.673603   1887.776

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.910766  -271.621318   -5.886978
-1031.016   -91.321898   -84.594922
 0.25000    -7.910766  -263.466461   -5.886978
-1016.566   -84.144093  -120.486629
 0.50000    -7.910766  -256.039996   -5.886978
-1006.100   -76.966470  -156.376691
 0.75000    -7.910766  -249.440621   -5.886978
-995.700694   -69.788857  -192.266766
 1.00000    -7.910766  -243.769566   -5.886978
-985.327549   -62.611836  -228.156842

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     6.926008   76.996638     7.061929
 90.003475   91.176341   1449.182
 0.25000     6.926008   102.003049    7.061929
 90.003475   84.075934   1912.201
 0.50000     6.926008   146.528711    7.061929
 90.003475   77.127656   2301.620
 0.75000     6.926008   193.991835    7.061929
 90.003475   74.304349   2629.875
 1.00000     6.926008   239.608485    7.061929
 90.003475   72.846890   2908.092

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.183540  -537.675891   -7.295538
-814.866086   -58.814784   -113.032634
 0.25000    -6.183540  -490.745227   -7.295538
-815.000173   -54.187632   -161.728349
 0.50000    -6.183540  -447.867631   -7.295538
-817.444094   -49.657408   -210.414346
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06~S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  897

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    -6.183540  -409.769328   -7.295538
-819.669210   -45.127576   -259.100345
 1.00000    -6.183540  -377.057248   -7.295538
-821.718872   -40.599920   -307.786344

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     9.311412   76.253522     8.000801
401.191829  120.387964   1541.984
 0.25000     9.311412   96.820069     8.000801
401.191829  111.852033   2012.381
 0.50000     9.311412   133.420028    8.000801
401.191829  103.442877   2434.004
 0.75000     9.311412   172.454324    8.000801
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401.191829 97.942117 2813.195
1.00000 9.311412 209.970431 8.000801
401.191829 94.093399 3154.962

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.987387	-536.602985	-6.501836
-717.683318	-55.123665	-123.153606	
0.25000	-5.987387	-498.007071	-6.501836
-717.683318	-50.865301	-176.815331	
0.50000	-5.987387	-462.744993	-6.501836
-717.683318	-46.384139	-230.673299	
0.75000	-5.987387	-431.413658	-6.501836
-717.683318	-42.309140	-284.432556	
1.00000	-5.987387	-404.509763	-6.501836
-718.481699	-38.236553	-338.192269	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.654672	36.529978	0.922686
47.519535	10.033442	727.672090	
0.25000	0.654672	50.228871	0.922686
62.415003	8.951973	920.649515	
0.50000	0.654672	74.151480	0.922686
97.934144	7.974440	1079.135	
0.75000	0.654672	100.181458	0.922686
116.562569	7.169402	1209.715	
1.00000	0.654672	125.230665	0.922686
142.256881	6.364483	1314.522	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.640157	-257.594930	-6.026812
-373.090354	-84.589393	-43.168003	
0.25000	-7.640157	-231.843135	-6.026812
-346.564826	-77.505934	-61.952042	
0.50000	-7.640157	-208.360796	-6.026812
-327.329053	-70.422556	-80.730818	
0.75000	-7.640157	-187.494693	-6.026812
-308.158208	-63.339186	-99.509606	
1.00000	-7.640157	-169.569075	-6.026812
-288.996401	-56.255816	-118.288400	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.392590	73.142109	2.706512
160.522039	44.945198	1441.862	
0.25000	3.392590	100.449921	2.706512
160.522039	42.275724	1815.247	
0.50000	3.392590	149.039325	2.706512
160.522039	39.606303	2119.090	
0.75000	3.392590	200.867569	2.706512
160.522039	40.408137	2366.581	
1.00000	3.392590	250.680154	2.706512
160.522039	43.485325	2563.422	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.035204	-504.457170	-7.238741
-199.162245	-52.765892	-82.381763	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
898

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-6.035204	-453.211163	-7.238741
-199.162245	-48.025201	-118.764968	
0.50000	-6.035204	-406.391890	-7.238741
-199.162245	-44.239274	-155.138245	
0.75000	-6.035204	-364.781775	-7.238741
-199.162245	-40.454263	-191.511834	
1.00000	-6.035204	-329.069435	-7.238741
-199.162245	-36.670665	-227.885424	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.410578	78.695681	5.153358
191.484029	86.028679	1576.892	
0.25000	6.410578	103.549800	5.153358
191.484029	80.443413	2031.220	
0.50000	6.410578	147.752627	5.153358
191.484029	74.883081	2422.739	
0.75000	6.410578	194.922102	5.153358
191.484029	71.992103	2761.159	
1.00000	6.410578	240.257485	5.153358
191.484029	71.759334	3052.872	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.145142	-549.942992	-7.445007
-642.492594	-67.703284	-111.798559	
0.25000	-7.145142	-503.303908	-7.445007
-642.492594	-61.846315	-160.435513	
0.50000	-7.145142	-460.694197	-7.445007
-642.492594	-57.436622	-209.063428	
0.75000	-7.145142	-422.834696	-7.445007
-642.492594	-53.027920	-257.691624	
1.00000	-7.145142	-390.322313	-7.445007
-642.492607	-48.620323	-306.319821	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.341658	76.184997	5.188962
523.131362	83.567060	1539.819	
0.25000	6.341658	97.130079	5.188962
523.131362	77.755662	2017.348	
0.50000	6.341658	134.398132	5.188962
523.131362	72.025453	2441.763	
0.75000	6.341658	174.150376	5.188962
523.131362	68.963419	2821.092	
1.00000	6.341658	212.356609	5.188962
523.131362	67.686530	3160.401	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.155986	-539.013903	-6.817245
-564.144452	-66.491504	-122.036067	
0.25000	-7.155986	-499.708236	-6.817245
-564.144452	-61.294347	-175.769717	
0.50000	-7.155986	-463.797871	-6.817245
-564.144452	-56.829326	-229.501020	
0.75000	-7.155986	-431.890599	-6.817245
-564.144452	-52.364967	-283.234481	
1.00000	-7.155986	-404.491578	-6.817245
-564.144452	-47.901693	-336.968411	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.487101	17.044117	1.250043
604.927654	4.782348	304.885391	
0.25000	0.487101	17.552240	1.250043
602.902044	4.102581	452.778437	
0.50000	0.487101	18.493777	1.250043
601.439317	3.647267	600.819910	
0.75000	0.487101	19.461954	1.250043
599.997731	3.430297	747.841500	
1.00000	0.487101	20.390255	1.250043
598.567092	3.287530	893.823907	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
899

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.390433	-124.456782	-1.300874
-57.047613	-21.792394	-44.007145	
0.25000	-2.390433	-123.500483	-1.300874
-58.201587	-20.487724	-64.167903	
0.50000	-2.390433	-122.623625	-1.300874
-60.899815	-19.654932	-84.334465	
0.75000	-2.390433	-121.844616	-1.300874
-62.403672	-20.366147	-104.504431	
1.00000	-2.390433	-121.179324	-1.300874
-64.384213	-21.518273	-124.674402	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.284962	40.249579	4.081089
966.631443	66.165524	845.230749	
0.25000	5.284962	45.691951	4.081089
947.815041	62.248091	1114.821	
0.50000	5.284962	55.721836	4.081089
934.230195	58.485810	1382.607	
0.75000	5.284962	66.086178	4.081089
920.849377	55.101146	1649.584	
1.00000	5.284962	76.026871	4.081089
907.576092	52.049385	1910.821	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.088222	-283.524966	-2.143131
-113.440968	-26.882684	-78.670190	
0.25000	-3.088222	-273.286234	-2.143131
-124.168169	-25.170459	-114.489462	
0.50000	-3.088222	-263.902737	-2.143131
-149.226122	-23.576057	-150.314911	
0.75000	-3.088222	-255.566205	-2.143131
-163.233527	-22.420043	-186.144496	
1.00000	-3.088222	-248.441320	-2.143131
-181.639812	-22.654551	-221.974296	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.868242	77.725795	3.288210
733.517419	36.377382	1449.267	
0.25000	2.868242	102.959903	3.288210
733.517419	33.917339	1911.367	
0.50000	2.868242	147.824235	3.288210
733.517419	31.568792	2299.266	
0.75000	2.868242	195.717103	3.288210
733.517419	32.038025	2626.657	
1.00000	2.868242	241.741152	3.288210
733.517419	35.719542	2905.172	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.684649	-540.860613	-5.628480
-116.272169	-32.701899	-107.629282	
0.25000	-4.684649	-493.510071	-5.628480
-116.272169	-28.740033	-156.038340	
0.50000	-4.684649	-450.250781	-5.628480
-116.272169	-26.772538	-204.445053	
0.75000	-4.684649	-411.814330	-5.628480
-116.272169	-25.124697	-252.855443	
1.00000	-4.684649	-378.605004	-5.628480
-116.272191	-24.672922	-301.266051	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.103163	76.192609	4.110985
648.581317	54.220951	1523.901	
0.25000	4.103163	96.854932	4.110985
648.581317	50.468113	1998.647	
0.50000	4.103163	133.616742	4.110985
648.581317	46.836126	2421.433	
0.75000	4.103163	172.832052	4.110985
648.581317	46.077949	2801.871	
1.00000	4.103163	210.522291	4.110985
648.581317	47.350831	3144.954	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
900

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.970258	-538.191941	-8.020899
-452.080401	-85.990820	-121.094742	
0.25000	-8.970258	-499.417250	-8.020899
-452.080401	-79.223596	-174.795370	
0.50000	-8.970258	-463.992085	-8.020899
-452.080401	-73.340627	-228.494185	
0.75000	-8.970258	-432.515971	-8.020899
-452.080401	-67.728514	-282.196064	
1.00000	-8.970258	-405.486867	-8.020899
-452.080401	-63.118288	-335.898124	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.957032	23.102846	9.053244
85.142657	127.722997	339.752440	
0.25000	9.957032	23.550026	9.053244
86.049174	117.049652	497.307070	
0.50000	9.957032	24.028915	9.053244
87.036167	106.47717	654.353992	
0.75000	9.957032	24.522156	9.053244
88.100416	95.998848	810.433895	
1.00000	9.957032	25.011028	9.053244
89.243123	85.606494	965.756531	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.399196	-142.425253	-2.229459
-791.387017	-30.781992	-70.827555	
0.25000	-2.399196	-141.784387	-2.229459
-790.082261	-28.050475	-95.535547	
0.50000	-2.399196	-141.183240	-2.229459
-788.848793	-25.321301	-120.206881	
0.75000	-2.399196	-140.636231	-2.229459
-787.687301	-22.592953	-144.948161	
1.00000	-2.399196	-140.156461	-2.229459
-786.599236	-19.865018	-169.691515	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.317194	53.836870	10.445311
156.799043	149.361798	828.042362	
0.25000	11.317194	57.615512	10.445311
163.350190	136.935483	1108.851	
0.50000	11.317194	61.661944	10.445311
170.472394	124.625359	1396.213	
0.75000	11.317194	65.829422	10.445311
178.175381	112.367476	1685.844	
1.00000	11.317194	69.959748	10.445311
186.434514	100.222543	1969.455	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.329616	-293.810158	-6.973396
-1237.722	-103.597749	-116.432146	
0.25000	-8.329616	-288.397590	-6.973396
-1228.266	-95.008048	-162.118193	
0.50000	-8.329616	-283.320543	-6.973396
-1219.323	-86.423269	-208.102800	
0.75000	-8.329616	-278.700824	-6.973396
-1210.898	-77.847031	-254.671558	
1.00000	-8.329616	-274.649122	-6.973396
-1202.993	-69.276642	-301.157971	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.684339	101.798568	10.057353
147.849822	143.353088	1370.379	
0.25000	10.684339	127.252505	10.057353
142.244223	131.895953	1831.911	
0.50000	10.684339	154.520019	10.057353
137.246627	121.673720	2249.534	
0.75000	10.684339	182.587259	10.057353
132.805908	113.133734	2622.283	
1.00000	10.684339	210.395773	10.057353
128.874191	105.508726	2949.523	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
901

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.397305	-526.698288	-8.297998
-1014.632	-83.934867	-153.758705	
0.25000	-7.397305	-490.340487	-8.297998
-1019.773	-75.781609	-217.013915	
0.50000	-7.397305	-456.241837	-8.297998
-1025.108	-69.026063	-280.941811	
0.75000	-7.397305	-425.214607	-8.297998
-1030.650	-62.388960	-344.792783	
1.00000	-7.397305	-398.014481	-8.297998
-1036.418	-55.827627	-409.452260	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.491763	102.534377	10.045520
492.891705	151.460278	1462.034	
0.25000	11.491763	123.488329	10.045520
488.983982	140.016548	1939.386	
0.50000	11.491763	145.934086	10.045520
485.536247	129.696539	2387.596	
0.75000	11.491763	169.038245	10.045520
482.504041	121.138673	2803.866	
1.00000	11.491763	191.929542	10.045520
481.143669	113.112134	3182.856	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.191221	-535.236640	-7.475368
-896.892728	-77.375458	-164.798475	
0.25000	-7.191221	-505.308913	-7.475368
-900.621169	-70.180793	-234.194232	
0.50000	-7.191221	-477.238895	-7.475368
-904.465876	-64.026773	-304.074746	
0.75000	-7.191221	-451.697215	-7.475368
-908.442590	-58.017851	-373.913889	
1.00000	-7.191221	-429.304804	-7.475368
-912.562550	-52.449685	-444.388802	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.147568	48.691813	1.380224
68.513307	17.698860	644.035066	
0.25000	1.147568	62.942617	1.380224
84.808892	16.021236	828.036273	
0.50000	1.147568	78.204042	1.380224
102.589665	14.356794	991.684557	
0.75000	1.147568	93.916673	1.380224
121.842375	12.792286	1132.932	
1.00000	1.147568	109.489197	1.380224
142.524084	11.267852	1248.714	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.549593	-236.625134	-5.644999
-408.097622	-77.788033	-59.372553	
0.25000	-6.549593	-216.232526	-5.644999
-384.267101	-71.120626	-82.781142	
0.50000	-6.549593	-197.106442	-5.644999
-361.664179	-64.463288	-106.214114	
0.75000	-6.549593	-179.700339	-5.644999
-340.337588	-57.814044	-129.692654	
1.00000	-6.549593	-164.437254	-5.644999
-320.288570	-51.184090	-153.658569	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.336879	97.542774	2.899257
188.168569	47.170824	1280.751	
0.25000	3.336879	126.015639	2.899257
188.168569	44.013367	1761.476	
0.50000	3.336879	156.508798	2.899257
188.168569	41.758549	1960.851	
0.75000	3.336879	187.896967	2.899257
188.168569	42.616156	2235.435	
1.00000	3.336879	218.996630	2.899257
188.168569	44.140168	2459.154	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
902

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.792560	-466.152867	-6.823130
-236.112794	-57.693504	-109.434462	
0.25000	-5.792560	-425.485820	-6.823130
-236.112794	-51.079187	-156.638446	
0.50000	-5.792560	-387.345517	-6.823130
-236.112794	-45.909580	-203.844962	
0.75000	-5.792560	-352.640274	-6.823130
-236.112794	-41.952437	-250.997208	
1.00000	-5.792560	-322.206989	-6.823130
-236.112794	-38.160120	-299.011629	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.818801	105.136627	6.796120
228.081267	108.307569	1462.213	
0.25000	7.818801	131.146994	6.796120
228.081267	100.378392	1916.150	
0.50000	7.818801	159.001049	6.796120
228.081267	93.043531	2330.116	
0.75000	7.818801	187.672804	6.796120
228.081267	88.471198	2701.951	
1.00000	7.818801	216.081210	6.796120
228.081267	84.852897	3027.305	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.892972	-532.953385	-8.336350
-788.965366	-87.206047	-149.394268	
0.25000	-7.892972	-495.804113	-8.336350
-788.325687	-78.309000	-212.620258	
0.50000	-7.892972	-460.962980	-8.336350
-787.686009	-70.785215	-275.848836	
0.75000	-7.892972	-429.259679	-8.336350
-787.046332	-64.516884	-339.026521	
1.00000	-7.892972	-401.456841	-8.336350
-786.406655	-58.477816	-402.994281	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.402781	101.818695	6.589884
633.465332	99.610555	1461.492	
0.25000	7.402781	123.810634	6.589884
633.465332	92.119521	1947.429	
0.50000	7.402781	147.363014	6.589884
633.465332	85.387300	2398.043	
0.75000	7.402781	171.606683	6.589884
633.465332	81.146013	2811.855	
1.00000	7.402781	195.627515	6.589884
633.465332	77.550388	3186.673	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.043494	-538.982812	-7.751304
-690.562576	-84.385029	-162.218044	
0.25000	-8.043494	-507.572301	-7.751304
-690.562576	-76.340475	-232.045192	
0.50000	-8.043494	-478.113402	-7.751304
-690.562576	-69.473212	-301.896923	
0.75000	-8.043494	-451.307684	-7.751304
-690.562576	-63.625106	-371.704237	
1.00000	-8.043494	-427.801550	-7.751304
-690.562576	-58.032016	-442.179445	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.815899	23.645515	1.425578
750.290216	6.286639	325.755426	
0.25000	0.815899	24.196708	1.425578
748.627705	5.589724	489.136444	
0.50000	0.815899	24.789133	1.425578
747.070123	5.069873	651.566740	
0.75000	0.815899	25.399389	1.425578
745.613840	4.744109	813.377770	
1.00000	0.815899	26.003746	1.425578
744.254781	4.602943	973.980109	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
903

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.293839	-148.335592	-1.626344
-70.949561	-30.768932	-62.755715	
0.25000	-3.293839	-147.546262	-1.626344
-72.157386	-29.451703	-87.998221	
0.50000	-3.293839	-146.808354	-1.626344
-73.458437	-28.371081	-113.262953	
0.75000	-3.293839	-146.136339	-1.626344
-74.854552	-28.129565	-138.560190	
1.00000	-3.293839	-145.549720	-1.626344
-76.345769	-28.304969	-163.879525	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.774973	56.750462	3.842970
1134.123	56.917036	826.132929	
0.25000	4.774973	61.774499	3.842970
1121.531	53.781088	1110.969	
0.50000	4.774973	67.109098	3.842970
1109.745	50.830988	1399.846	
0.75000	4.774973	72.634974	3.842970
1098.738	48.176212	1688.482	
1.00000	4.774973	78.107826	3.842970
1088.475	45.834093	1969.052	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.109281	-302.739328	-2.453446
-140.984071	-35.944185	-103.075082	
0.25000	-4.109281	-295.606486	-2.453446
-150.147240	-34.423886	-149.710327	
0.50000	-4.109281	-288.903298	-2.453446
-160.048695	-33.062788	-196.219106	
0.75000	-4.109281	-282.814907	-2.453446
-170.655053	-32.115058	-242.728337	
1.00000	-4.109281	-277.495977	-2.453446
-181.968359	-32.132837	-289.429272	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.416261	101.796315	3.626478
907.941968	42.792810	1337.871	
0.25000	3.416261	127.555993	3.626478
908.192415	39.838665	1795.661	
0.50000	3.416261	155.134914	3.626478
910.410835	37.109165	2209.086	
0.75000	3.416261	183.523999	3.626478
913.032968	36.663695	2577.136	
1.00000	3.416261	211.652996	3.626478
916.004383	38.547041	2899.077	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.825431	-525.012782	-5.780960
-175.268753	-49.739510	-141.983958	
0.25000	-5.825431	-488.223881	-5.780960
-171.008594	-45.022249	-204.859940	
0.50000	-5.825431	-453.720595	-5.780960
-166.713161	-40.895279	-267.728040	
0.75000	-5.825431	-422.324388	-5.780960
-162.428439	-38.494901	-330.610901	
1.00000	-5.825431	-394.783836	-5.780960
-158.207925	-37.317487	-394.189234	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.343310	102.309558	5.229521
807.652101	71.129429	1440.640	
0.25000	5.343310	123.482564	5.229521
807.758999	65.935763	1921.054	
0.50000	5.343310	146.152152	5.229521
808.228560	60.997156	2371.423	
0.75000	5.343310	169.487584	5.229521
809.735987	58.111001	2788.212	
1.00000	5.343310	192.609100	5.229521
811.484087	56.924245	3167.464	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
904

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.440975	-537.095965	-8.313273
-571.634297	-98.762443	-160.535654	
0.25000	-9.440975	-506.857117	-8.313273
-568.911657	-90.277799	-230.328099	
0.50000	-9.440975	-478.496968	-8.313273
-566.110955	-82.535531	-300.109891	
0.75000	-9.440975	-452.690760	-8.313273
-563.279746	-76.271550	-369.923356	
1.00000	-9.440975	-430.055053	-8.313273
-560.455422	-70.971208	-440.307575	

```
 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.311412   78.695681    8.000801
966.631443  120.387964   1576.892
 0.25000    9.311412  103.549800    8.000801
947.815041  111.852033   2031.220
 0.50000    9.311412  149.039325    8.000801
934.230195  103.442877   2441.763
 0.75000    9.311412  200.867569    8.000801
920.849377   97.942117   2821.092
 1.00000    9.311412  250.680154    8.000801
907.576092   94.093399   3160.401

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.970258 -549.942992   -8.020899
-1031.016  -91.321898 -123.153606
 0.25000   -8.970258 -503.303908   -8.020899
-1016.566  -84.144093 -176.915331
 0.50000   -8.970258 -463.992085   -8.020899
-1006.100  -76.156470 -230.673299
 0.75000   -8.970258 -432.515971   -8.020899
-995.700694  -69.788857 -284.432556
 1.00000   -8.970258 -405.486867   -8.020899
-985.327549  -63.118288 -338.192269

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.491763  105.136627   10.445311
 1134.123  151.460278   1462.213
 0.25000   11.491763  131.146994   10.445311
 1121.531  140.016548   1947.429
 0.50000   11.491763  159.001049   10.445311
 1109.745  129.696539   2398.043
 0.75000   11.491763  187.896967   10.445311
 1098.738  121.138673   2811.855
 1.00000   11.491763  218.996630   10.445311
 1088.475  113.112134   3186.673

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.440975 -538.982812   -8.336350
-1237.722 -103.597749 -164.798475
 0.25000   -9.440975 -507.572301   -8.336350
-1228.266  -95.008048 -234.194232
 0.50000   -9.440975 -478.496968   -8.336350
-1219.323  -86.423269 -304.074746
 0.75000   -9.440975 -452.690760   -8.336350
-1210.898  -77.847031 -373.913889
 1.00000   -9.440975 -430.055053   -8.336350
-1202.993  -70.971208 -444.388802

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.491763  105.136627   10.445311
 1134.123  151.460278   1576.892
 0.25000   11.491763  131.146994   10.445311
 1121.531  140.016548   2031.220
 0.50000   11.491763  159.001049   10.445311
 1109.745  129.696539   2441.763
 0.75000   11.491763  200.867569   10.445311
 1098.738  121.138673   2821.092
 1.00000   11.491763  250.680154   10.445311
 1088.475  113.112134   3186.673
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    905

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.440975 -549.942992   -8.336350
-1237.722 -103.597749 -164.798475
 0.25000   -9.440975 -507.572301   -8.336350
-1228.266  -95.008048 -234.194232
 0.50000   -9.440975 -478.496968   -8.336350
-1219.323  -86.423269 -304.074746
 0.75000   -9.440975 -452.690760   -8.336350
-1210.898  -77.847031 -373.913889
 1.00000   -9.440975 -430.055053   -8.336350
-1202.993  -70.971208 -444.388802

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.491763  105.136627   10.445311
 1134.123  151.460278   1576.892
 0.25000   11.491763  131.146994   10.445311
 1121.531  140.016548   2031.220
 0.50000   11.491763  159.001049   10.445311
 1109.745  129.696539   2441.763
 0.75000   11.491763  200.867569   10.445311
 1098.738  121.138673   2821.092
 1.00000   11.491763  250.680154   10.445311
 1088.475  113.112134   3186.673

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.440975 -549.942992   -8.336350
-1237.722 -103.597749 -164.798475
 0.25000   -9.440975 -507.572301   -8.336350
-1228.266  -95.008048 -234.194232
 0.50000   -9.440975 -478.496968   -8.336350
-1219.323  -86.423269 -304.074746
 0.75000   -9.440975 -452.690760   -8.336350
-1210.898  -77.847031 -373.913889
 1.00000   -9.440975 -430.055053   -8.336350
-1202.993  -70.971208 -444.388802

 ELEM        58 ================== LENGTH
=     4.957991

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.573574   17.657337    9.532676
 70.728407   60.282151  877.546033
 0.25000    6.573574   18.216782    9.532676
 72.060572   49.374112  973.955898
 0.50000    6.573574   18.854448    9.532676
 73.244112   38.907974   1072.415
 0.75000    6.573574   19.526234    9.532676
 74.412013   29.237197   1173.816
 1.00000    6.573574   20.217167    9.532676
 76.042152   20.370902   1277.562

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.330925  -94.971877   -1.533392
-542.900749 -11.474771 -126.906313
 0.25000   -1.330925  -94.290793   -1.533392
-541.225422   -9.581394 -146.835807
 0.50000   -1.330925  -93.642835   -1.533392
-539.999249   -7.692072 -166.765300
 0.75000   -1.330925  -93.046694   -1.533392
-538.806950   -5.809465 -186.694794
 1.00000   -1.330925  -92.518469   -1.533392
-537.641616   -3.957099 -206.624476

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.534366   63.650125   10.905813
140.884410   73.139979   1891.356
 0.25000    7.534366   69.260939   10.905813
152.890986   60.449861   2046.772
 0.50000    7.534366   75.649411   10.905813
163.556077   48.880038   2216.737
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    906

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    7.534366  82.379775   10.905813
174.084210   39.866904   2404.992
 1.00000    7.534366  89.300362   10.905813
188.789097   32.352227   2598.965

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.862592 -226.443825   -8.985729
-915.185582  -63.417415 -228.504363
 0.25000   -7.862592 -219.621083   -8.985729
-900.066006  -52.298331 -264.557565
 0.50000   -7.862592 -213.127830   -8.985729
-888.996706  -41.183689 -300.610768
 0.75000   -7.862592 -207.153672   -8.985729
-878.233160  -30.107681 -336.663970
 1.00000   -7.862592 -201.860291   -8.985729
-867.711690  -19.235424 -372.717172

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.071087  142.859188   10.167564
101.359625   78.448722   2910.970
 0.25000    7.071087  175.550405   10.167564
101.359625   69.503158   3193.178
 0.50000    7.071087  212.406224   10.167564
101.359625   61.340820   3437.930
 0.75000    7.071087  251.236913   10.167564
101.359625   54.988162   3652.847
 1.00000    7.071087  291.080121   10.167564
101.359625   50.038138   3829.609

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.144783 -467.011982   -8.018429
-709.818371  -42.551444 -308.051029
 0.25000   -6.144783 -427.688414   -8.018429
-711.806290  -35.483747 -356.969845
 0.50000   -6.144783 -390.138467   -8.018429
-713.472547  -28.423315 -405.888660
 0.75000   -6.144783 -355.580846   -8.018429
-715.802721  -21.372802 -454.807476
 1.00000   -6.144783 -324.972751   -8.018429
-718.697170  -14.399847 -503.726292

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.369309  139.786078   12.837860
373.811343   98.930276   3156.179
 0.25000    9.369309  166.668688   12.837860
373.811343   86.128039   3433.184
 0.50000    9.369309  196.978599   12.837860
373.811343   73.980110   3695.333
 0.75000    9.369309  228.912911   12.837860
373.811343   63.301389   3949.268
 1.00000    9.369309  261.679821   12.837860
373.811343   53.899487   4182.509

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.936118 -462.087413   -7.503714
-637.759466  -38.614581 -338.256148
 0.25000   -5.936118 -429.748333   -7.503714
-637.759466  -31.936397 -392.269968
 0.50000   -5.936118 -398.868404   -7.503714
-637.976046  -25.289559 -446.283187
 0.75000   -5.936118 -370.449691   -7.503714
-638.630212  -19.038690 -500.296707
 1.00000   -5.936118 -345.277202   -7.503714
-639.264468  -13.217308 -554.310227

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.745797   79.919415    1.148945
69.835814    7.573164   1315.389
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    907

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    0.745797   97.725949    1.148945
91.964240    7.572572   1422.295
 0.50000    0.745797  117.919760    1.148945
111.594660    9.626434   1512.675
 0.75000    0.745797  139.194960    1.148945
131.024007   12.986022   1593.173
 1.00000    0.745797  161.052519    1.148945
158.291944   16.977018   1656.909

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.503520 -228.189374   -8.210752
-556.451338  -55.344400 -118.346617
 0.25000   -7.503520 -206.631284   -8.210752
-328.318938  -45.208203 -137.218913
 0.50000   -7.503520 -186.086562   -8.210752
-307.679898  -35.295236 -156.091209
 0.75000   -7.503520 -167.182277   -8.210752
-287.619897  -25.404026 -174.963506
 1.00000   -7.503520 -150.434946   -8.210752
-268.021330  -15.580469 -193.835802

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.632647  158.224819    4.751767
159.362036   46.578359   2563.360
 0.25000    3.632647  193.917840    4.751767
159.362036   44.081137   2773.380
 0.50000    3.632647  234.161577    4.751767
159.362036   42.130642   2948.388
 0.75000    3.632647  276.562535    4.751767
159.362036   41.620274   3101.017
 1.00000    3.632647  320.068946    4.751767
159.362036   42.117114   3219.135

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.920463 -447.992712   -7.737037
-191.096976  -37.102810 -227.834359
 0.25000   -5.920463 -405.054526   -7.737037
-191.096976  -30.963259 -264.393681
 0.50000   -5.920463 -364.053924   -7.737037
-191.096976  -24.831963 -300.953003
 0.75000   -5.920463 -326.321334   -7.737037
-191.096976  -18.711061 -337.512325
 1.00000   -5.920463 -292.898270   -7.737037
-191.096976  -12.670916 -374.071647

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.574199  153.538359    8.912686
191.001496   76.757683   3054.543
 0.25000    6.574199  186.019682    8.912686
191.001496   69.041462   3317.986
 0.50000    6.574199  222.645214    8.912686
191.001496   61.857890   3555.497
 0.75000    6.574199  261.234241    8.912686
191.001496   55.824988   3775.326
 1.00000    6.574199  300.829238    8.912686
191.001496   50.681967   3966.991

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.996301 -479.049795   -9.123953
-575.515133  -48.615882 -306.450554
 0.25000   -6.996301 -439.972429   -9.123953
-575.467086  -40.469101 -355.316640
 0.50000   -6.996301 -402.659890   -9.123953
-575.255525  -32.329728 -404.182727
 0.75000   -6.996301 -368.320102   -9.123953
-575.064844  -24.199638 -453.048814
 1.00000   -6.996301 -337.901401   -9.123953
-574.942935  -16.130266 -501.914901
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    908

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.452831  137.123427    8.444829
471.870571   72.162288   3160.249
 0.25000    6.452831  164.499983    8.444829
471.870571   64.418794   3442.055
 0.50000    6.452831  195.366914    8.444829
471.870571   57.119444   3707.428
 0.75000    6.452831  227.888433    8.444829
471.870571   50.811398   3960.540
 1.00000    6.452831  261.257834    8.444829
471.870571   45.232695   4192.707

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.998744 -463.620735   -8.834023
-507.613074  -46.028586 -336.888288
 0.25000   -6.998744 -430.687163   -8.834023
-507.613074  -37.720413 -390.871095
 0.50000   -6.998744 -399.239717   -8.834023
-507.613074  -29.555211 -444.853901
 0.75000   -6.998744 -370.298635   -8.834023
-507.613074  -21.803796 -498.836708
 1.00000   -6.998744 -344.663358   -8.834023
-507.613074  -14.456619 -552.819514

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.598325  18.263799    0.649420
517.800532   3.691399  891.198724
 0.25000    0.598325  18.936033    0.649420
515.754204   2.893427  990.251305
 0.50000    0.598325  19.689085    0.649420
514.264402   2.143691  1093.466
 0.75000    0.598325  20.482569    0.649420
512.815862   1.931028  1200.408
 1.00000    0.598325  21.294791    0.649420
511.396082   1.789294  1308.233

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.327946 -100.349753   -2.365667
-61.434848  -19.486405 -124.363875
 0.25000   -2.327946  -99.547155   -2.365667
-63.101047  -17.586922 -144.620064
 0.50000   -2.327946  -98.777916   -2.365667
-64.585743  -15.860125 -164.840253
 0.75000   -2.327946  -98.069787   -2.365667
-66.041030  -14.186352 -185.078442
 1.00000   -2.327946  -97.445453   -2.365667
-68.048804  -12.583505 -205.316631

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.326957  68.392032    6.849249
855.674426   3.240512  1907.158
 0.25000    5.326957  75.580340    6.849249
836.853760   43.846737   2067.252
 0.50000    5.326957  83.639902    6.849249
823.054561   35.583516   2239.892
 0.75000    5.326957  92.132097    6.849249
809.637620   27.790040   2427.475
 1.00000    5.326957  100.827655   6.849249
796.488082   20.774718   2619.435

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.046402 -238.825868   -3.389447
-140.660301  -19.809185 -221.527941
 0.25000   -3.046406 -230.234761   -3.389447
-156.127095  -18.031770 -257.504879
 0.50000   -3.046406 -222.004899   -3.389447
-169.912200  -16.262519 -293.481816
 0.75000   -3.046406 -214.429127   -3.389447
-183.417491  -14.506092 -329.458753
 1.00000   -3.046406 -207.745594   -3.389447
-202.033650  -12.769124 -365.435690
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    909

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.177404  144.387351    4.049656
637.511640  38.219355   2902.150
 0.25000    3.177404  177.362285    4.049656
637.511640  36.479882   3184.485
 0.50000    3.177404  214.546162    4.049656
637.511640  35.365863   3429.817
 0.75000    3.177404  253.723734    4.049656
637.511640  34.962842   3645.446
 1.00000    3.177404  293.922551    4.049656
637.511640  34.981309   3823.801

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.565031 -470.923615   -5.751265
-125.229991  -22.662738 -300.873209
 0.25000   -4.565031 -431.250663   -5.751265
-124.425023  -20.560354 -349.498996
 0.50000   -4.565031 -393.368913   -5.751265
-123.645615  -18.265007 -398.124783
 0.75000   -4.565031 -358.507316   -5.751265
-122.903019  -15.977967 -446.750569
 1.00000   -4.565031 -327.624377   -5.751265
-122.241896  -13.710889 -495.376356

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.359687  139.108075   5.668959
575.521133  51.129896   3143.622
 0.25000    4.359687  166.114419   5.668959
575.521133  46.702112   3423.587
 0.50000    4.359687  196.564169   5.668959
575.521133  42.857871   3688.136
 0.75000    4.359687  228.646333   5.668959
575.521133  40.347584   3943.341
 1.00000    4.359687  261.564909   5.668959
575.521133  38.581869   4177.684

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.775413 -463.478951   -10.702199
-415.597621  -61.037806 -335.693144
 0.25000   -8.775413 -430.990420   -10.702199
-415.597621  -51.721424 -389.636125
 0.50000   -8.775413 -399.967988   -10.702199
-415.597621  -42.410930 -443.579106
 0.75000   -8.775413 -371.418309   -10.702199
-415.597621  -33.107446 -497.522087
 1.00000   -8.775413 -346.129092   -10.702199
-415.597623  -23.860777 -551.465068

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.824929   23.841172   13.385879
 89.112841  90.937646  968.697030
 0.25000    9.824929   24.238196   13.385879
 90.080381  74.757898   1086.090
 0.50000    9.824929   24.678163   13.385879
 91.103686  58.938269   1204.288
 0.75000    9.824929   25.143258   13.385879
 92.183701  43.126326   1323.567
 1.00000    9.824929   25.614865   13.385879
 93.317785  27.729796   1442.125

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.543362 -112.023651   -3.197738
-670.491124  -23.227841 -169.849427
 0.25000   -2.543362 -111.498348   -3.197738
-669.134571  -19.280879 -194.574563
 0.50000   -2.543362 -110.986062   -3.197738
-667.879912  -15.353593 -220.160275
 0.75000   -2.543362 -110.505951   -3.197738
-666.724291  -11.437150 -246.213413
 1.00000   -2.543362 -110.073805   -3.197738
-665.663236   -7.536965 -272.293976
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    910

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.284003   73.669331   15.443690
165.154446  108.870893   1973.696
 0.25000   11.284003   77.024157   15.443690
172.159353   90.489799   2164.466
 0.50000   11.284003   80.741820   15.443690
179.569878   72.928092   2365.520
 0.75000   11.284003   84.672594   15.443690
187.339421   56.682077   2574.716
 1.00000   11.284003   88.656627   15.443690
195.604824   41.148629   2780.906

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.293693 -235.483859   -10.769705
-1058.359  -73.313568 -301.388758
 0.25000   -8.293693 -231.046465   -10.769705
-1048.508  -60.351176 -348.345450
 0.50000   -8.293693 -226.718703   -10.769705
-1039.396  -47.704256 -395.360126
 0.75000   -8.293693 -222.662577   -10.769705
-1030.996  -35.272507 -442.386983
 1.00000   -8.293693 -219.011849   -10.769705
-1023.289  -23.025239 -489.390563

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.670484  145.499489   14.835703
151.395998  116.336113   2952.965
 0.25000   10.670484  168.083506   14.835703
146.598118  100.507468   3264.798
 0.50000   10.670484  193.156060   14.835703
142.274505   85.332033   3546.836
 0.75000   10.670484  219.629232   14.835703
138.382053   71.238497   3795.436
 1.00000   10.670484  246.479324   14.835703
134.873750   57.934668   4004.784

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.392614 -437.506198   -10.265449
-862.981626  -60.672005 -409.582064
 0.25000   -7.392614 -407.636963   -10.265450
-867.517780  -50.529149 -474.059325
 0.50000   -7.392614 -378.514260   -10.265450
-872.246543  -40.514116 -538.352783
 0.75000   -7.392614 -351.219609   -10.265450
-877.188355  -30.617873 -602.689560
 1.00000   -7.392614 -326.655873   -10.265450
-882.344975  -20.858416 -666.952428

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.432069  145.569762   15.436367
438.800356  122.355536   3184.221
 0.25000   11.432069  164.161240   15.436367
435.578693  105.513532   3503.963
 0.50000   11.432069  184.800127   15.436367
432.692375   89.275339   3807.626
 0.75000   11.432069  206.591982   15.436367
430.108716   74.031077   4090.228
 1.00000   11.432069  228.694140   15.436367
428.209029   59.714619   4342.183

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.213019 -440.080421   -9.481225
-768.821519  -55.159272 -444.363776
 0.25000   -7.213019 -415.492423   -9.481226
-772.025105  -45.848878 -514.812555
 0.50000   -7.213019 -391.519139   -9.481226
-775.360708  -36.719333 -585.112881
 0.75000   -7.213019 -369.050711   -9.481226
-778.837969  -27.916606 -655.427758
 1.00000   -7.213019 -348.827503   -9.481226
-782.472185  -19.661500 -725.736506
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    911

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.297319   77.515482    1.817180
 74.474566  14.227780   1249.606
 0.25000    1.297319   90.157397    1.817180
 92.070620  13.565492   1365.398
 0.50000    1.297319  104.184600    1.817180
110.707912  14.170149   1467.144
 0.75000    1.297319  119.004370    1.817180
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130.375741    15.535843    1553.662
 1.00000     1.297319   134.032554     1.817180
151.031785   17.285065    1618.253

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.375390  -200.564551   -8.276363
-367.561344  -51.268745  -153.685903
 0.25000   -6.375390  -183.837857   -8.276363
-342.567371  -42.134246  -178.006723
 0.50000   -6.375390  -167.523305   -8.276363
-319.423332  -33.273638  -202.221409
 0.75000   -6.375390  -152.234006   -8.276363
-298.059232  -24.615616  -226.472260
 1.00000   -6.375390  -138.471385   -8.276363
-278.443777  -16.147253  -250.711105

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.522754   153.816298    4.665209
170.652517   49.826493   2458.945
 0.25000    3.522754   179.079411    4.665209
170.652517   46.954060   2686.856
 0.50000    3.522754   207.117609    4.665209
170.652517   44.587740   2885.715
 0.75000    3.522754   236.722271    4.665209
170.652517   43.120904   3053.516
 1.00000    3.522754   266.748704    4.665209
170.652517   42.130534   3177.347

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.698695  -395.983890   -7.732866
-206.678338  -39.269328  -298.932013
 0.25000   -5.698985  -362.577985   -7.732866
-206.678338  -32.958260  -346.564304
 0.50000   -5.698985  -330.007308   -7.732866
-206.678338  -26.783169  -394.017775
 0.75000   -5.698985  -299.481374   -7.732866
-206.678338  -20.733043  -441.579446
 1.00000   -5.698985  -272.000004   -7.732866
-206.678338  -14.823196  -489.070463

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.953867   154.463790   10.799292
214.404144   94.253388   3029.222
 0.25000    7.953867   177.542126   10.799292
214.404144   83.660415   3327.827
 0.50000    7.953867   203.153613   10.799292
214.404089   73.505783   3599.623
 0.75000    7.953867   230.196025   10.799292
214.404089   64.043710   3842.569
 1.00000    7.953867   257.623764   10.799292
214.404201   54.986746   4044.962

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.793960  -442.644713   -10.566444
-672.280713  -61.477346  -403.033757
 0.25000   -7.793960  -412.129274   -10.566444
-671.518760  -51.392024  -466.770242
 0.50000   -7.793960  -382.376662   -10.566444
-670.719295  -41.402320  -530.363867
 0.75000   -7.793960  -354.492323   -10.566444
-669.903448  -31.502456  -594.055481
 1.00000   -7.793960  -329.387298   -10.566444
-669.090602  -21.708314  -657.688789
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  912

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.509759   141.934662    9.972260
548.661665   85.365172   3186.384
 0.25000    7.509759   161.447445    9.972260
548.661665   75.366067   3513.776
 0.50000    7.509759   183.103656    9.972260
548.661665   65.799153   3818.224
 0.75000    7.509759   205.969776    9.972260
548.661665   56.881983   4097.983
 1.00000    7.509759   229.161664    9.972260
548.661665   48.715942   4343.137

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.949392  -441.549598   -10.203910
-594.999932  -58.561254  -442.053941
 0.25000   -7.949392  -415.747465   -10.203910
-594.999932  -48.481203  -512.421226
 0.50000   -7.949392  -390.590447   -10.203910
-594.999932  -39.572403  -582.661310
 0.75000   -7.949392  -367.012753   -10.203910
-594.999932  -29.060577  -652.883774
 1.00000   -7.949392  -345.786627   -10.203910
-594.999932  -20.115656  -723.148295

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.932362   24.463684    0.847542
629.353993   4.715112   970.824229
 0.25000    0.932362   24.952448    0.847542
627.669554   3.839314   1092.135
 0.50000    0.932362   25.497727    0.847542
626.114674   3.051226   1214.673
 0.75000    0.932362   26.073286    0.847542
624.685756   2.607186   1337.678
 1.00000    0.932362   26.657064    0.847542
623.377895   2.773163   1460.392

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.285927  -116.868340   -3.368067
-75.294825  -25.409679  -163.618335
 0.25000   -3.285927  -116.219627   -3.368067
-76.543094  -21.324762  -189.238005
 0.50000   -3.285927  -115.587666   -3.368067
-77.860862  -18.430437  -215.640317
 0.75000   -3.285927  -114.994947   -3.368067
-79.249494  -15.273475  -241.981823
 1.00000   -3.285927  -114.463646   -3.368067
-80.706970  -12.764906  -268.376213

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.834986   77.019722    5.660512
968.657579   46.369378   1964.612
 0.25000    4.834986   81.448802    5.660512
955.922793   39.884866   2159.364
 0.50000    4.834986   86.385650    5.660512
944.184784   33.571852   2361.837
 0.75000    4.834986   91.597131    5.660512
933.390411   27.664128   2569.761
 1.00000    4.834986   96.882998    5.660512
923.523130   22.570550   2773.054

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.187693  -244.445088   -4.247342
-150.737535  -28.229267  -289.050526
 0.25000   -4.187693  -238.570002   -4.247342
-160.191406  -24.476859  -335.791039
 0.50000   -4.187693  -232.846365   -4.247342
-170.186952  -20.862538  -382.526058
 0.75000   -4.187693  -227.474850   -4.247342
-180.709498  -17.512597  -429.279502
 1.00000   -4.187693  -222.663340   -4.247342
-191.753698  -14.844866  -476.019385
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  913

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.648536   145.174214    4.465413
765.980520   42.541768   2895.365
 0.25000    3.648536   168.030559    4.465413
766.918069   40.146125   3205.677
 0.50000    3.648536   193.381719    4.465413
769.973144   38.163363   3485.166
 0.75000    3.648536   220.163935    4.465413
773.251168   36.681476   3730.451
 1.00000    3.648536   247.320809    4.465413
776.702123   35.893027   3936.256

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.805544  -437.002560   -6.845748
-172.625533  -34.671878  -393.838261
 0.25000   -5.805544  -406.785954   -6.845748
-167.210618  -29.813355  -437.063725
 0.50000   -5.805544  -377.325142   -6.845748
-162.232581  -25.088768  -520.183582
 0.75000   -5.805544  -349.714104   -6.845748
-157.506963  -20.564025  -583.381185
 1.00000   -5.805544  -324.849612   -6.845748
-153.095272  -16.731564  -646.563628

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.567489   144.486499    7.152698
692.561405   63.516779   3165.797
 0.25000    5.567489   163.227046    7.152698
692.618143   57.283855   3488.825
 0.50000    5.567489   184.111489    7.152698
693.937721   51.489987   3794.208
 0.75000    5.567489   206.126222    7.152698
695.971225   46.493511   4077.238
 1.00000    5.567489   228.448681    7.152698
698.122515   42.261309   4329.377

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.310567  -441.305139   -11.571239
-503.484103  -69.845731  -440.094002
 0.25000   -9.310567  -416.468543   -11.571239
-499.894655  -58.635699  -510.324367
 0.50000   -9.310567  -392.252494   -11.571239
-496.495535  -47.606530  -580.451652
 0.75000   -9.310567  -369.556873   -11.571239
-493.286491  -36.866128  -650.663936
 1.00000   -9.310567  -349.119930   -11.571239
-490.281670  -26.774865  -720.815172

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.369309   158.224919   12.837860
855.815426   98.930276   3160.249
 0.25000    9.369309   193.917840   12.837860
836.853760   86.128039   3442.055
 0.50000    9.369309   234.161577   12.837860
823.054561   73.980110   3707.428
 0.75000    9.369309   276.562535   12.837860
809.637620   63.301389   3960.540
 1.00000    9.369309   320.068946   12.837860
796.488082   53.899487   4192.707

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.775413  -479.049795   -10.702199
-915.185582  -63.417415  -338.256148
 0.25000   -8.775413  -439.972429   -10.702199
-900.066006  -52.298331  -392.269668
 0.50000   -8.775413  -402.658990   -10.702199
-888.996706  -42.410930  -446.283187
 0.75000   -8.775413  -371.418309   -10.702199
-878.233160  -33.107446  -500.296707
 1.00000   -8.775413  -346.129092   -10.702199
-867.711690  -23.860777  -554.310227
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  914

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.432069   154.463790   15.443690
968.657579  122.335536   3186.384
 0.25000   11.432069   179.079411   15.443690
955.922793  105.513532   3513.776
 0.50000   11.432069   207.117609   15.443690
944.184784   89.275339   3818.224
 0.75000   11.432069   236.722271   15.443690
933.390411   74.031077   4097.983
 1.00000   11.432069   266.748704   15.443690
923.523130   59.714619   4343.137

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.310567  -442.644713   -11.571239
-1058.359  -73.313568  -444.363776
 0.25000   -9.310567  -416.468543   -11.571239
-1048.508  -60.351176  -514.812555
 0.50000   -9.310567  -392.252494   -11.571239
-1039.396  -47.704256  -585.112881
 0.75000   -9.310567  -369.556873   -11.571239
-1030.996  -36.866128  -655.427758
 1.00000   -9.310567  -349.119930   -11.571239
-1023.289  -26.774865  -725.736506

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.432069   158.224919   15.443690
968.657579  122.335536   3186.384
 0.25000   11.432069   193.917840   15.443690
955.922793  105.513532   3513.776
 0.50000   11.432069   234.161577   15.443690
944.184784   89.275339   3818.224
 0.75000   11.432069   276.562535   15.443690
933.390411   74.031077   4097.983
 1.00000   11.432069   320.068946   15.443690
923.523130   59.714619   4343.137

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.310567  -479.049795   -11.571239
-1058.359  -73.313568  -444.363776
 0.25000   -9.310567  -439.972429   -11.571239
-1048.508  -60.351176  -514.812555
 0.50000   -9.310567  -402.658990   -11.571239
-1039.396  -47.704256  -585.112881
 0.75000   -9.310567  -371.418309   -11.571239
-1030.996  -36.866128  -655.427758
 1.00000   -9.310567  -349.119930   -11.571239
-1023.289  -26.774865  -725.736506

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.432069   158.224919   15.443690
968.657579  122.335536   3186.384
 0.25000   11.432069   193.917840   15.443690
955.922793  105.513532   3513.776
 0.50000   11.432069   234.161577   15.443690
944.184784   89.275339   3818.224
 0.75000   11.432069   276.562535   15.443690
933.390411   74.031077   4097.983
 1.00000   11.432069   320.068946   15.443690
923.523130   59.714619   4343.137

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.310567  -479.049795   -11.571239
-1058.359  -73.313568  -444.363776
 0.25000   -9.310567  -439.972429   -11.571239
-1048.508  -60.351176  -514.812555
 0.50000   -9.310567  -402.658990   -11.571239
-1039.396  -47.704256  -585.112881
 0.75000   -9.310567  -371.418309   -11.571239
-1030.996  -36.866128  -655.427758
 1.00000   -9.310567  -349.119930   -11.571239
-1023.289  -26.774865  -725.736506
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  915

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       59 ================== LENGTH
=    4.958182

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.475615   18.145753    5.091667
70.518329   22.483490   1279.299
 0.25000    6.475615   18.691398    5.091667
71.732291   17.455247   1324.512
 0.50000    6.475615   19.300162    5.091667
72.940749   13.147936   1376.022
 0.75000    6.475615   19.954275    5.091667
74.152434    9.439021   1432.240
 1.00000    6.475615   20.634701    5.091667
75.809210    6.347067   1493.284

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.399324  -71.904751   -0.930359
-406.612031   -5.113499  -206.868704
 0.25000   -1.399324  -71.227284   -0.930359
-404.951158   -4.188208  -226.931800
 0.50000   -1.399324  -70.580755   -0.930359
-403.724965   -3.276373  -246.994896
 0.75000   -1.399324  -69.982895   -0.930359
-402.507885   -2.380440  -267.057993
 1.00000   -1.399324  -69.450528   -0.930359
-401.292778   -8.352947  -287.121089

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.490128   76.574747    5.888873
163.240323   36.060459   2601.428
 0.25000    7.490128   82.043521    5.888873
174.196628   30.936396   2668.703
 0.50000    7.490128   88.145037    5.888873
185.105181   26.543630   2754.291
 0.75000    7.490128   94.700861    5.888873
196.044295   22.952050   2859.768
 1.00000    7.490128   101.518329   5.888873
211.001770   20.124518   2978.667

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.812354  -188.766516   -4.167934
-722.703251  -20.408717  -373.061221
 0.25000   -7.812354  -181.978465   -4.167934
-707.706569  -15.572479  -409.296186
 0.50000   -7.812354  -175.498215   -4.167934
-696.631319  -10.754211  -445.531150
 0.75000   -7.812354  -169.505526   -4.167934
-685.639729   -5.964395  -481.766115
 1.00000   -7.812354  -164.169358   -4.167934
-674.665347   -7.781304  -518.001079

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.231672   169.007357    6.995408
111.530500   54.514789   3831.497
 0.25000    7.231672   200.674546    6.995408
111.530500   48.867250   4008.379
 0.50000    7.231672   236.015154    6.995408
111.530500   44.357449   4148.725
 0.75000    7.231672   273.974833    6.995408
111.530500   41.189045   4255.277
 1.00000    7.231672   313.339473    6.995408
111.530500   39.234138   4330.371

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.093315  -421.381388   -4.458666
-543.008822  -16.380240  -503.991625
 0.25000   -6.093315  -382.174005   -4.458666
-544.998900  -13.121739  -553.072860
 0.50000   -6.093315  -344.628251   -4.458666
-546.864512   -9.878456  -602.154096
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  916

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   -6.093315  -309.892836   -4.458666
-548.649390   -6.662256  -651.235332
 1.00000   -6.093315  -278.968195   -4.458666
-551.083061   -8.605235  -700.316568

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.437644   171.506622    7.928827
324.367203   57.766292   4183.223
 0.25000    9.437644   197.549579    7.928827
324.367203   50.583256   4339.544
 0.50000    9.437644   226.611627    7.928827
324.367203   45.106928   4482.616
 0.75000    9.437644   257.827927    7.928827
324.367203   41.824405   4615.201
 1.00000    9.437644   290.199302    7.928827
324.367203   40.272292   4735.503

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.904541  -410.692043   -4.206598
-506.100713  -15.313843  -554.380167
 0.25000   -5.904541  -378.449530   -4.206598
-506.153825  -12.599070  -608.510149
 0.50000   -5.904541  -347.573916   -4.206598
-506.625530   -9.941507  -662.640131
 0.75000   -5.904541  -319.009846   -4.206598
-507.123561   -7.325237  -716.770113
 1.00000   -5.904541  -293.577858   -4.206598
-507.652632   -9.019051  -770.900095

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.903895   98.626175    0.712556
96.876485   18.671760   1657.502
 0.25000    0.903895   115.939758   0.712556
117.266736   19.093314   1726.794
 0.50000    0.903895   135.257156   0.712556
137.593412   19.759129   1780.076
 0.75000    0.903895   156.010316   0.712556
157.995811   20.696965   1819.629
 1.00000    0.903895   177.567349   0.712556
185.893671   21.918243   1843.520

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.361934  -213.012379   -3.326846
-318.225685  -15.314945  -193.894353
 0.25000   -7.361934  -191.545606   -3.326846
-290.221318  -11.243628  -212.799580
 0.50000   -7.361934  -171.026518   -3.326846
-269.505052   -7.172479  -231.704806
 0.75000   -7.361934  -152.038156   -3.326846
-248.955385   -3.400157  -250.610033
 1.00000   -7.361934  -135.149607   -3.326846
-228.456983   -1.571114  -269.515260

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.874251   193.247767    4.027653
153.222109   44.604178   3219.003
 0.25000    3.874251   227.826412    4.027653
153.222109   42.043172   3358.514
 0.50000    3.874251   266.412982    4.027653
153.222109   41.183360   3463.255
 0.75000    3.874251   307.859991    4.027653
153.222109   41.600473   3537.902
 1.00000    3.874251   350.841539    4.027653
153.222109   43.052546   3579.763

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.829645  -419.269835   -4.378252
-174.198398  -13.695974  -374.026794
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  917

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   -5.829645  -376.460228   -4.378252
-174.198398  -10.977453  -410.604467
 0.50000   -5.829645  -335.465665   -4.378252
-174.198398   -8.311767  -447.182141
 0.75000   -5.829645  -297.540385   -4.378252
-174.198398   -5.664102  -483.759814
 1.00000   -5.829645  -263.773065   -4.378252
-174.198398   -3.961114  -520.337488

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.740859   190.129021    6.196454
181.673150   54.678270   3968.097
 0.25000    6.740859   221.598872    6.196454
181.673150   49.354200   4122.405
 0.50000    6.740859   256.714362    6.196454
181.673150   45.688584   4257.214
 0.75000    6.740859   294.433468    6.196454
181.673150   43.380493   4369.509
 1.00000    6.740859   333.549396    6.196454
181.673150   42.345423   4457.966

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.876987  -435.644922   -5.043386
-464.498974  -16.864145  -549.289172
 0.25000   -6.876987  -396.685611   -5.043386
-464.498442  -13.064471  -551.022730
 0.50000   -6.876987  -359.378556   -5.043386
-463.970858   -9.313748  -599.996289
 0.75000   -6.876987  -324.865181   -5.043386
-463.511230   -6.655365  -648.969847
 1.00000   -6.876987  -294.134900   -5.043386
-463.144332   -4.780650  -697.943405

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.568862   171.666641    5.577220
388.810549   48.733744   4192.568
 0.25000    6.568862   198.188448    5.577220
388.810549   43.810011   4349.617
 0.50000    6.568862   227.784333    5.577220
388.810549   40.227231   4492.705
 0.75000    6.568862   259.574173    5.577220
388.810549   38.806605   4624.649
 1.00000    6.568862   292.541003    5.577220
388.810549   38.453190   4741.569

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.857897  -412.375361   -4.581588
-412.826973  -15.467785  -552.747602
 0.25000   -6.857897  -379.540408   -4.581588
-412.826973  -12.310473  -606.802648
 0.50000   -6.857897  -348.097595   -4.581588
-412.826973   -9.190596  -660.857694
 0.75000   -6.857897  -319.008919   -4.581588
-412.826973   -6.987490  -714.912740
 1.00000   -6.857897  -293.109398   -4.581588
-412.826973   -5.443598  -768.967785

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.711497   18.659156    0.530165
389.045845   3.362091   1306.438
 0.25000    0.711497   19.306101    0.530165
387.035421   4.154694   1353.651
 0.50000    0.711497   20.031295    0.530165
385.559545   5.049029   1406.620
 0.75000    0.711497   20.809983    0.530165
384.091384   5.996142   1466.000
 1.00000    0.711497   21.615000    0.530165
382.620902   6.967042   1530.757
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  918

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.262214  -76.075378   -2.093226
-63.010595  -11.127796  -205.013541
 0.25000   -2.262214  -75.273297   -2.093226
-64.492238   -9.006244  -225.228854
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 0.50000    -2.262214   -74.502579    -2.093226
-65.962499   -7.206614  -245.444166
 0.75000    -2.262214   -73.789251    -2.093226
-67.433223   -5.757441  -265.659479
 1.00000    -2.262214   -73.156920    -2.093226
-69.444031   -4.701829  -285.874791

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.366409   80.847487    3.787549
683.827881  22.870249   2616.972
 0.25000    5.366409   87.771578    3.787549
665.214884  20.725163   2689.709
 0.50000    5.366409   95.528411    3.787549
651.551484  20.143195   2778.201
 0.75000    5.366409  103.857615    3.787549
637.960244  20.559571   2883.148
 1.00000    5.366409  112.472471    3.787549
624.347441  21.610412   2999.434

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.064486  -201.042800   -2.770852
-163.856103  -11.469949  -365.002828
 0.25000   -3.064486  -192.459983   -2.770852
-177.584481   -9.381127  -400.938344
 0.50000   -3.064486  -184.216601   -2.770852
-191.204093   -7.594832  -436.873859
 0.75000   -3.064486  -176.587494   -2.770852
-204.825538   -6.249456  -472.809374
 1.00000   -3.064486  -169.820639   -2.770852
-223.448987   -5.316947  -508.744889

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.488416  170.643346    3.700848
491.221895  38.414707   3821.709
 0.25000    3.488416  202.593092    3.700848
491.221895  36.932752   3998.535
 0.50000    3.488416  238.242717    3.700848
491.221895  36.927392   4139.584
 0.75000    3.488416  276.535902    3.700848
491.221895  38.048129   4246.929
 1.00000    3.488416  316.247381    3.700848
491.221895  40.062598   4323.121

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.467001  -425.021089   -4.004688
-129.198436  -13.121104  -494.997341
 0.25000   -4.467001  -385.468711   -4.004688
-127.966628  -10.863218  -543.600325
 0.50000   -4.467001  -347.594056   -4.004688
-126.869049   -8.840604  -592.203309
 0.75000   -4.467001  -312.555918   -4.004688
-125.844014   -7.176352  -640.806292
 1.00000   -4.467001  -281.356340   -4.004688
-124.913127   -5.905163  -689.409276

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.619768  170.869070    4.347675
461.938399  42.167336   4176.813
 0.25000    4.619768  197.032561    4.347675
461.938399  40.435191   4333.531
 0.50000    4.619768  226.228303    4.347675
461.938399  39.281039   4477.684
 0.75000    4.619768  257.584411    4.347675
461.938399  39.096360   4610.853
 1.00000    4.619768  290.106845    4.347675
461.938399  39.770042   4731.080
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    919

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.598418  -411.556703   -6.028205
-351.266599  -23.156597  -551.270012
 0.25000   -8.598418  -379.165586   -6.028205
-351.266599  -17.950126  -605.253519
 0.50000   -8.598418  -348.147858   -6.028205
-351.266599  -12.938784  -659.237025
 0.75000   -8.598418  -319.452515   -6.028205
-351.266599   -8.226357  -713.220532
 1.00000   -8.598418  -293.902949   -6.028205
-351.266600   -5.910544  -767.204038

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.711324   28.276679    6.723207
88.342128   32.511713   1444.195
 0.25000    9.711324   28.679186    6.723207
89.299359   24.796966   1512.114
 0.50000    9.711324   29.125634    6.723207
90.332836   17.241792   1580.753
 0.75000    9.711324   29.599251    6.723207
91.443552   10.869739   1651.241
 1.00000    9.711324   30.081886    6.723207
92.631103    5.976136   1723.008

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.695458   -77.890876   -1.839971
-462.364263  -10.87115   -272.445623
 0.25000   -2.695458   -77.380783   -1.839971
-461.072147   -8.695233  -299.030631
 0.50000   -2.695458   -76.882455   -1.839971
-459.855801   -6.526554  -325.443521
 0.75000   -2.695458   -76.413328   -1.839971
-458.716957   -5.973358  -351.854710
 1.00000   -2.695458   -75.989950   -1.839971
-457.653970   -8.480010  -378.229832

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.298825   90.532750    7.880260
185.580714  49.194614   2783.830
 0.25000   11.298825   93.934156    7.880260
192.521865  40.687137   2890.206
 0.50000   11.298825   97.705714    7.880260
200.015546  32.483235   3003.787
 0.75000   11.298825  101.709152    7.880260
208.064444  25.180281   3129.884
 1.00000   11.298825  105.788211    7.880260
216.674071  19.947697   3258.145

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.298147  -182.524351   -5.331849
-766.421340  -27.676922  -489.605822
 0.25000   -8.298147  -178.212132   -5.331849
-757.034815  -21.551445  -537.360108
 0.50000   -8.298147  -174.002547   -5.331849
-748.205293  -15.546990  -584.826970
 0.75000   -8.298147  -170.038343   -5.331849
-739.927707   -9.901599  -632.395808
 1.00000   -8.298147  -166.460672   -5.331849
-732.202612   -8.969513  -679.926422

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.758710  170.989894    8.887074
163.694543  67.237830   4007.075
 0.25000   10.758710  193.914405    8.887074
159.207724  58.350122   4209.802
 0.50000   10.758710  219.340333    8.887074
155.026045  49.598135   4380.386
 0.75000   10.758710  246.332583    8.887074
151.144087  43.010038   4521.060
 1.00000   10.758710  273.832556    8.887074
147.547572  38.166844   4626.266
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    920

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.433292  -371.575819   -5.615699
-612.664999  -25.900325  -667.111462
 0.25000   -7.433292  -342.502096   -5.615699
-616.725923  -20.833888  -732.239752
 0.50000   -7.433292  -314.119851   -5.615699
-621.088525  -15.792178  -797.042743
 0.75000   -7.433292  -287.389514   -5.615699
-625.758326  -11.370300  -862.381891
 1.00000   -7.433292  -263.260023   -5.615699
-630.738919  -10.960264  -927.272981

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.509277  176.097613    9.106542
366.070132  68.306569   4343.084
 0.25000   11.509277  194.969213    9.106542
363.072663  59.276250   4541.028
 0.50000   11.509277  215.898852    9.106542
360.278559  51.134161   4721.148
 0.75000   11.509277  238.117839    9.106542
357.690406  44.795593   4886.444
 1.00000   11.509277  260.754786    9.106542
355.302925  40.596909   5024.806

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.295677  -368.056436   -5.267738
-571.572875  -24.104912  -725.745971
 0.25000   -7.295677  -344.124055   -5.267738
-574.397605  -19.835480  -796.691475
 0.50000   -7.295677  -320.760885   -5.267738
-577.427053  -15.671991  -867.373746
 0.75000   -7.295677  -298.757509   -5.267738
-580.669057  -12.132070  -938.529023
 1.00000   -7.295677  -278.894047   -5.267738
-584.129579  -12.011797  -1009.412

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    1.502483   90.476523    1.150805
96.966255   20.584728   1618.801
 0.25000    1.502483  103.308600    1.150805
114.470152  20.234859   1696.894
 0.50000    1.502483  117.532425    1.150805
133.385054  20.121762   1758.530
 0.75000    1.502483  132.632823    1.150805
153.697113  20.320173   1806.951
 1.00000    1.502483  148.018158    1.150805
175.414355  20.978896   1835.428

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.240974  -179.787761   -3.719967
-310.017991  -17.210255  -250.741314
 0.25000   -6.240974  -163.522679   -3.719967
-286.182696  -13.270025  -275.116110
 0.50000   -6.240974  -147.644457   -3.719967
-263.723369   -9.357883  -299.459571
 0.75000   -6.240974  -132.690406   -3.719967
-242.680484   -5.512933  -324.096203
 1.00000   -6.240974  -119.190548   -3.719967
-223.053097   -2.391475  -348.490557

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.766129  178.409815    3.963605
155.441801  46.958320   1797.716
 0.25000    3.766129  204.052520    3.963605
155.441801  44.179339   3331.966
 0.50000    3.766129  232.484909    3.963605
155.441801  42.343227   3453.229
 0.75000    3.766129  262.668923    3.963605
155.441801  41.476580   3547.187
 1.00000    3.766129  293.437655    3.963605
155.441801  41.380269   3600.890
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    921

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.675748  -355.628105   -4.298068
-177.473094  -16.596170  -489.004750
 0.25000   -5.675748  -323.116459   -4.298068
-177.473094  -13.724220  -536.724024
 0.50000   -5.675748  -291.378142   -4.298068
-177.473094  -10.936752  -584.305323
 0.75000   -5.675748  -261.487121   -4.298068
-177.473094   -8.383022  -632.541568
 1.00000   -5.675748  -234.497175   -4.298068
-177.473094   -6.286533  -680.256442

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.148146  185.664967    7.077260
200.835383  63.063323   4046.241
 0.25000    8.148146  209.089778    7.077260
200.835517  56.276892   4237.770
 0.50000    8.148146  235.061119    7.077260
200.835555  50.357646   4402.361
 0.75000    8.148146  262.632488    7.077260
200.835555  45.495913   4542.231
 1.00000    8.148146  290.722652    7.077260
200.835608  41.497950   4644.410

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.762839  -382.252845   -5.793145
-495.111491  -25.322879  -657.741952
 0.25000   -7.762839  -352.555311   -5.793145
-498.132684  -20.358335  -721.803683
 0.50000   -7.762839  -323.564188   -5.793145
-497.150520  -15.477808  -785.933729
 0.75000   -7.762839  -296.260475   -5.793145
-496.174183  -10.824279  -850.510541
 1.00000   -7.762839  -271.605087   -5.793145
-495.210651   -7.320143  -914.592577

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.666822  175.149125    6.430492
424.368127  56.432174   4342.919
 0.25000    7.666822  194.955099    6.430492
424.368127  50.569115   4546.702
 0.50000    7.666822  216.915776    6.430492
424.368127  45.472003   4730.274
 0.75000    7.666822  240.229377    6.430492
424.368127  42.024734   4893.307
 1.00000    7.666822  263.981628    6.430492
424.368127  39.423160   5023.742

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.909527  -370.661648   -5.460921
-453.115781  -23.298120  -723.044043
 0.25000   -7.909527  -345.550185   -5.460921
-453.115781  -19.035270  -793.656127
 0.50000   -7.909527  -321.036068   -5.460921
-453.115781  -14.890963  -864.344096
 0.75000   -7.909527  -297.946770   -5.460921
-453.115781  -11.182271  -935.644150
 1.00000   -7.909527  -277.102211   -5.460921
-453.115781   -8.453649   -1006.184

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    1.053720   29.433977    0.664319
433.972249   4.567461   1458.218
 0.25000    1.053720   29.930244    0.664319
432.369182   4.981323   1527.972
 0.50000    1.053720   30.483700    0.664319
430.862502   5.516536   1599.181
 0.75000    1.053720   31.070914    0.664319
429.452066   6.376489   1671.528
 1.00000    1.053720   31.668890    0.664319
428.137825   7.959410   1745.753
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    922

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.286734  -81.555352   -2.350247
-77.059436  -11.854345  -268.135108
 0.25000   -3.286734  -80.922818   -2.350247
-78.277217   -9.748775  -294.509999
 0.50000   -3.286734  -80.305332   -2.350247
-79.591724   -7.845505  -321.114252
 0.75000   -3.286734  -79.723765   -2.350247
-81.002816   -6.596808  -347.524953
 1.00000   -3.286734  -79.200960   -2.350247
-82.510702   -6.324838  -373.930474

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.920157   93.238844    3.447095
709.918378  25.358711   2770.020
 0.25000    4.920157   97.735283    3.447095
697.815355  23.325346   2880.101
 0.50000    4.920157  102.745881    3.447095
686.440061  22.360132   2995.588
 0.75000    4.920157  108.062192    3.447095
675.790430  22.217267   3104.069
 1.00000    4.920157  113.475980    3.447095
665.865652  23.111246   3245.719

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.323401  -191.252845   -3.127776
-174.046656  -13.949696  -475.665135
 0.25000   -4.323401  -185.526424   -3.127776
-183.266511  -11.911853  -522.414798
 0.50000   -4.323401  -179.935945   -3.127776
-193.218048  -10.262567  -569.347950
 0.75000   -4.323401  -174.670837   -3.127776
-203.899945   -9.362104  -616.197794
 1.00000   -4.323401  -169.934457   -3.127776
-215.314097   -9.282320  -662.978825

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.924101  169.971233    3.797662
545.448075  41.031943   3933.627
 0.25000    3.924101  193.169688    3.797662
548.621024  39.133768   4135.631
 0.50000    3.924101  218.883432    3.797662
552.071149  38.260571   4305.188
 0.75000    3.924101  246.181408    3.797662
555.793046  38.575029   4444.158
 1.00000    3.924101  273.993162    3.797662
559.771691  40.025140   4546.291

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.846626  -371.468480   -4.387690
-173.798622  -17.041953  -646.238824
 0.25000   -5.846626  -342.065397   -4.387690
-168.627308  -14.105852  -709.551653
 0.50000   -5.846626  -313.361789   -4.387690
-163.729796  -12.284546  -773.007177
 0.75000   -5.846626  -286.327651   -4.387690
-159.110686  -10.828925  -836.817699
 1.00000   -5.846626  -261.914260   -4.387690
-154.776756  -10.219002  -900.160744

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.842611  175.155476    5.027576
518.170329  49.513492   4328.189
 0.25000    5.842611  194.223413    5.027576
520.620454  45.824304   4527.895
 0.50000    5.842611  215.360045    5.027576
522.838719  43.016671   4709.385
 0.75000    5.842611  237.798898    5.027576
525.231105  41.274730   4874.910
 1.00000    5.842611  260.660851    5.027576
527.794438  40.848968   5012.183
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    923

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.247213  -368.800473   -6.503190
-405.321918  -28.388604  -720.623834
 0.25000   -9.247213  -344.631233   -6.503190
-401.835604  -22.830395  -791.074814
 0.50000   -9.247213  -321.036946   -6.503190
-398.526360  -17.552308  -861.615770
 0.75000   -9.247213  -298.814949   -6.503190
-395.400495  -12.960977  -932.590007
 1.00000   -9.247213  -278.748306   -6.503190
-392.464498   -9.885309   -1003.070

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.437644  193.247767    7.928827
683.827881  57.766292   4192.568
 0.25000    9.437644  227.826412    7.928827
665.214884  50.583256   4349.617
 0.50000    9.437644  266.412982    7.928827
651.551484  45.688584   4492.705
 0.75000    9.437644  307.859991    7.928827
637.960244  43.380493   4624.649
 1.00000    9.437644  350.841539    7.928827
624.347441  43.052546   4741.569

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.598418  -435.644922   -6.028205
-722.703251  -23.156597  -554.380167
 0.25000   -8.598418  -396.685611   -6.028205
-707.706569  -17.950126  -608.510149
 0.50000   -8.598418  -359.378556   -6.028205
-696.631319  -12.938784  -662.640131
 0.75000   -8.598418  -324.865181   -6.028205
-685.639729   -8.226357  -716.770113
 1.00000   -8.598418  -294.134020   -6.028205
-674.665347   -9.019051  -770.900095

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.509277  185.664967    9.106542
709.918378  68.306569   4343.084
 0.25000   11.509277  209.089778    9.106542
697.815355  59.276250   4546.702
 0.50000   11.509277  235.061119    9.106542
686.440061  51.134161   4730.274
 0.75000   11.509277  262.668923    9.106542
675.790430  45.495913   4893.307
 1.00000   11.509277  293.420855    9.106542
665.865652  41.497950   5024.806

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.247213  -382.252845   -6.503190
-766.421340  -28.388604  -725.745971
 0.25000   -9.247213  -352.555311   -6.503190
-757.034815  -22.830395  -796.691475
 0.50000   -9.247213  -323.564188   -6.503190
-748.205293  -17.552308  -867.373746
 0.75000   -9.247213  -298.814949   -6.503190
-739.927707   -12.960977  -938.529023
 1.00000   -9.247213  -278.894047   -6.503190
-732.202612   -12.011797   -1009.412

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.509277  193.247767    9.106542
709.918378  68.306569   4343.084
 0.25000   11.509277  227.826412    9.106542
697.815355  59.276250   4546.702
 0.50000   11.509277  266.412982    9.106542
686.440061  51.134161   4730.274
 0.75000   11.509277  307.859991    9.106542
675.790430  45.495913   4893.307
 1.00000   11.509277  350.841539    9.106542
665.865652  43.052546   5024.806
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    924

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.247213  -435.644922   -6.503190
-766.421340  -28.388604  -725.745971
 0.25000   -9.247213  -396.685611   -6.503190
-757.034815  -22.830395  -796.691475
 0.50000   -9.247213  -359.378556   -6.503190
-748.205293  -17.552308  -867.373746
 0.75000   -9.247213  -324.865181   -6.503190
-739.927707   -12.960977  -938.529023
 1.00000   -9.247213  -294.134020   -6.503190
-732.202612   -12.011797   -1009.412

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.509277  193.247767    9.106542
709.918378  68.306569   4343.084
 0.25000   11.509277  227.826412    9.106542
697.815355  59.276250   4546.702
 0.50000   11.509277  266.412982    9.106542
686.440061  51.134161   4730.274
 0.75000   11.509277  307.859991    9.106542
675.790430  45.495913   4893.307
 1.00000   11.509277  350.841539    9.106542
665.865652  43.052546   5024.806

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.247213  -435.644922   -6.503190
-766.421340  -28.388604  -725.745971
 0.25000   -9.247213  -396.685611   -6.503190
-757.034815  -22.830395  -796.691475
 0.50000   -9.247213  -359.378556   -6.503190
-748.205293  -17.552308  -867.373746
 0.75000   -9.247213  -324.865181   -6.503190
-739.927707   -12.960977  -938.529023
 1.00000   -9.247213  -294.134020   -6.503190
-732.202612   -12.011797   -1009.412

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=    4.957498

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.356065   41.068032    2.242258
105.879469   7.557072   1494.125
 0.25000    6.356065   41.670137    2.242258
107.092670   6.249648   1492.148
 0.50000    6.356065   42.215210    2.242258
108.315148   5.191002   1498.399
 0.75000    6.356065   42.864175    2.242258
109.545378   4.382083   1512.199
 1.00000    6.356065   43.539363    2.242258
111.215076   3.804650   1533.401

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.465704  -51.781665   -0.628748
-259.734173  -7.440492  -287.359735
 0.25000   -1.465704  -51.109540   -0.628748
-258.063145  -7.428694  -307.592549
 0.50000   -1.465704  -50.467519   -0.628748
-256.830553  -8.047095  -327.825363
 0.75000   -1.465704  -49.873653   -0.628748
-255.807707  -9.184737  -348.058194
 1.00000   -1.465704  -49.345135   -0.628748
-254.385959  -10.736268  -368.291080

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.464210  119.043476    3.432140
254.021722  22.288053   2979.967
 0.25000    7.464210  124.483456    3.432140
265.058706  19.948149   2967.902
 0.50000    7.464210  130.542739    3.432140
276.099298  18.260967   2971.416
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    925

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    7.464210  137.047654    3.432140
287.210385   17.272199    3000.558
 1.00000    7.464210  143.813200    3.432140
302.287565   16.826867    3046.927

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.745789 -153.979070   -1.396020
-512.456253   -7.055994 -518.336629
 0.25000   -7.745789 -147.242316   -1.396020
-497.364084   -7.028912 -554.688090
 0.50000   -7.745789 -140.806824   -1.396020
-486.232133   -7.546405 -591.039551
 0.75000   -7.745789 -134.853776   -1.396020
-475.183939   -8.636050 -627.391019
 1.00000   -7.745789 -129.555792   -1.396020
-464.154816  -10.325351 -663.743199

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.404168  222.693398    5.103543
183.870349   41.976927    4331.347
 0.25000    7.404168  254.233248    5.103543
181.724202   38.590832    4399.331
 0.50000    7.404168  289.367927    5.103543
180.388195   36.359011    4430.545
 0.75000    7.404168  327.070458    5.103543
180.388385   35.380287    4433.886
 1.00000    7.404168  366.165116    5.103543
180.388385   35.444293    4410.086

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.028586 -375.419927   -2.712728
-361.166930   -8.407172 -700.579434
 0.25000   -6.028586 -336.497197   -2.712728
-362.787222   -9.248011 -749.629232
 0.50000   -6.028586 -299.187757   -2.712728
-364.351258   -8.570808 -798.679030
 0.75000   -6.028586 -264.660707   -2.712728
-365.888202   -9.407606 -847.728828
 1.00000   -6.028586 -233.936154   -2.712728
-368.149113  -10.743629 -896.778626

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.509760  230.697631    4.847238
319.611270   43.306637    4735.845
 0.25000    9.509760  256.635369    4.847238
319.611270   40.088115    4775.680
 0.50000    9.509760  285.527605    4.847238
319.611270   37.995250    4799.182
 0.75000    9.509760  316.531980    4.847238
319.611270   37.096476    4817.880
 1.00000    9.509760  348.681576    4.847238
319.611352   37.211840    4827.648

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.868644 -359.876151   -2.675008
-406.659708   -9.166475 -770.976408
 0.25000   -5.868644 -327.867935   -2.675008
-406.801270   -9.074520 -825.038001
 0.50000   -5.868644 -297.186884   -2.675008
-407.255594   -9.406328 -879.099595
 0.75000   -5.868644 -268.794421   -2.675008
-407.717935  -10.171330 -933.161189
 1.00000   -5.868644 -243.527722   -2.675008
-408.222761  -11.362714 -987.222783

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.095045  116.835405    1.951308
138.280509   22.905574    1843.911
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       926

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    1.095045  134.065679    1.951308
158.906482   21.579354    1873.780
 0.50000    1.095045  153.257821    1.951308
179.548536   20.793992    1884.511
 0.75000    1.095045  173.858040    1.951308
200.333117   20.690817    1884.512
 1.00000    1.095045  195.257411    1.951308
228.497032   21.143358    1870.788

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.204204 -196.163200   -1.396054
-273.063018   -2.200719 -269.573361
 0.25000   -7.204204 -174.856134   -1.396054
-244.861421   -1.967290 -288.365713
 0.50000   -7.204204 -154.473725   -1.396054
-224.022357   -1.737214 -307.158065
 0.75000   -7.204204 -135.616244   -1.396054
-203.355232   -1.508016 -325.950417
 1.00000   -7.204204 -118.833929   -1.396054
-182.736343   -1.285824 -344.743010

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.141681  228.094569    3.982496
153.755945   44.866655    3579.696
 0.25000    4.141681  262.533329    3.982496
153.755945   42.229536    3642.774
 0.50000    4.141681  300.894268    3.982496
153.755945   41.370061    3665.553
 0.75000    4.141681  342.059732    3.982496
153.755945   40.503708    3663.625
 1.00000    4.141681  384.745891    3.982496
153.755945   41.422137    3632.630

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.740036 -386.712222   -2.778019
-160.873261   -5.038609 -520.300703
 0.25000   -5.740036 -344.213778   -2.778019
-160.873261   -4.769951 -556.622141
 0.50000   -5.740036 -303.477626   -2.778019
-160.873261   -4.528684 -592.943580
 0.75000   -5.740036 -265.780284   -2.778019
-160.873261   -4.288300 -629.265018
 1.00000   -5.740036 -232.231680   -2.778019
-160.873261   -4.057011 -665.586457

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.910663  241.061941    4.523746
234.276997   45.100706    4458.526
 0.25000    6.910663  272.403977    4.523746
234.276997   41.879826    4513.259
 0.50000    6.910663  307.313652    4.523746
234.276997   39.758608    4538.103
 0.75000    6.910663  344.776068    4.523746
234.277286   38.972624    4547.298
 1.00000    6.910663  383.622810    4.523746
234.277286   39.328828    4536.606

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.759145 -390.762182   -2.842308
-349.366128   -6.467789 -698.080275
 0.25000   -6.759145 -352.086265   -2.842308
-348.803853   -6.015368 -746.901937
 0.50000   -6.759145 -315.014613   -2.842308
-348.217240   -5.592384 -795.723598
 0.75000   -6.759145 -280.708937   -2.842308
-347.703980   -5.178604 -844.545259
 1.00000   -6.759145 -250.176969   -2.842308
-347.278003   -4.780036 -893.366920
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            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       927

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.690420  230.354661    4.094632
353.614671   41.677929    4741.471
 0.25000    6.690420  256.769177    4.094632
353.614671   38.651352    4786.043
 0.50000    6.690420  286.192002    4.094632
353.614671   36.538159    4811.812
 0.75000    6.690420  317.765897    4.094632
353.614671   35.548064    4828.333
 1.00000    6.690420  350.506165    4.094632
353.614671   36.057221    4834.126

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.706869 -361.631970   -2.669676
-364.293178   -7.188412 -768.906295
 0.25000   -6.706869 -329.035680   -2.669676
-364.293178   -6.791638 -822.854287
 0.50000   -6.706869 -297.791067   -2.669676
-364.293178   -6.417747 -876.802279
 0.75000   -6.706869 -268.877221   -2.669676
-364.293178   -6.055660 -930.750271
 1.00000   -6.706869 -243.145454   -2.669676
-364.293178   -5.708215 -984.698263

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.825803   42.878206    1.195953
253.809933    8.286679    1529.836
 0.25000    0.825803   43.523450    1.195953
251.791406    7.559399    1528.550
 0.50000    0.825803   44.245269    1.195953
250.310165    7.043941    1535.391
 0.75000    0.825803   45.019511    1.195953
248.836303    6.653940    1550.456
 1.00000    0.825803   45.819666    1.195953
247.361009    6.580356    1573.308

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.182715  -55.024258   -1.431047
-107.405438   -3.791002 -285.583589
 0.25000   -2.182715  -54.227748   -1.431047
-108.881847   -2.752334 -305.887946
 0.50000   -2.182715  -53.461372   -1.431047
-110.355920   -2.532833 -326.192304
 0.75000   -2.182715  -52.751851   -1.431047
-111.838177   -2.522364 -346.496661
 1.00000   -2.182715  -52.128381   -1.431047
-113.857306   -2.831625 -366.801019

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.396969  122.847444    2.520465
500.615338   23.729224    2998.050
 0.25000    5.396969  129.751994    2.520465
481.930216   22.023130    2992.513
 0.50000    5.396969  137.471484    2.520465
468.218919   20.873890    2999.356
 0.75000    5.396969  145.752105    2.520465
454.580190   20.330160    3008.163
 1.00000    5.396969  154.313756    2.520465
440.917459   20.672710    3069.452

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.085307 -165.669280   -2.232170
-254.664786   -5.284242 -508.332904
 0.25000   -3.085307 -157.146452   -2.232170
-268.333862   -5.352101 -544.253523
 0.50000   -3.085307 -148.950253   -2.232170
-281.979400   -5.461564 -580.174142
 0.75000   -3.085307 -141.362568   -2.232170
-295.699861   -5.608904 -616.094761
 1.00000   -3.085307 -134.637361   -2.232170
-314.395137   -5.779809 -652.015380
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       928

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.803149  223.692430    4.155923
336.449539   42.792020    4322.008
 0.25000    3.803149  255.512060    4.155923
336.449539   40.039144    4391.468
 0.50000    3.803149  290.952409    4.155923
336.946615   38.311299    4424.007
 0.75000    3.803149  328.984672    4.155923
338.028874   37.742472    4427.837
 1.00000    3.803149  368.422615    4.155923
339.327854   38.520541    4404.269

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.360957 -378.686358   -3.405743
-191.832414   -6.630739 -689.050914
 0.25000   -4.360957 -339.421838   -3.405743
-190.494365   -6.431789 -737.519802
 0.50000   -4.360957 -301.786331   -3.405743
-189.334374   -6.254792 -785.988690
 0.75000   -4.360957 -266.959235   -3.405743
-188.252470   -6.079758 -834.457578
 1.00000   -4.360957 -235.961985   -3.405743
-187.259185   -5.908226 -882.926466

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.892084  230.172001    4.190700
386.637329   42.934989    4730.596
 0.25000    4.892084  256.229574    4.190700
386.637329   39.927742    4772.070
 0.50000    4.892084  285.254523    4.190700
386.637329   37.792145    4796.357
 0.75000    4.892084  316.401535    4.190700
386.637329   37.079224    4815.145
 1.00000    4.892084  348.699214    4.190700
386.637329   37.804460    4824.150

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.406127 -360.398591   -3.262952
-330.790868   -7.069379 -767.022678
 0.25000   -8.406127 -328.242941   -3.262952
-330.790868   -6.723275 -820.904651
 0.50000   -8.406127 -297.420771   -3.262952
-330.790868   -6.399058 -874.786624
 0.75000   -8.406127 -268.897933   -3.262952
-330.790868   -6.081652 -928.668596
 1.00000   -8.406127 -243.513877   -3.262952
-330.790869   -5.776245 -982.550569

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.565346   50.065138    2.462864
139.833766    9.109095    1724.055
 0.25000    9.565346   50.477044    2.462864
140.830448    7.029458    1743.098
 0.50000    9.565346   50.935556    2.462864
141.904245    5.318751    1763.159
 0.75000    9.565346   51.417667    2.462864
143.054951    4.024929    1785.401
 1.00000    9.565346   51.910754    2.462864
144.282524    3.777353    1808.319

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.843975  -52.668840   -1.157819
-259.287693  -10.333111  -378.448663
 0.25000   -2.843975  -52.174449   -1.157819
-258.024086   -9.528033  -405.167648
 0.50000   -2.843975  -51.689791   -1.157819
-256.837873   -9.034274  -431.907732
 0.75000   -2.843975  -51.234452   -1.157819
-255.728748   -9.411951  -458.627102
 1.00000   -2.843975  -50.824202   -1.157819
-254.697347  -11.002558  -485.366128
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       929

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.338169  126.911472    3.704134
285.917994   25.423743    3259.606
 0.25000   11.338169  130.394076    3.704134
293.148939   22.429015    3282.324
 0.50000   11.338169  134.268901    3.704134
300.939320   19.953299    3311.838
 0.75000   11.338169  138.342994    3.704134
309.288102   18.160734    3355.075
 1.00000   11.338169  142.508180    3.704134
318.193536   17.814596    3404.344

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.308667 -140.445529   -2.189370
-485.801131  -12.115883 -680.149576
 0.25000   -8.308667 -136.267393   -2.189370
-476.627824  -10.843496 -727.956243
 0.50000   -8.308667 -132.177444   -2.189370
-468.016142   -9.930209  -775.925192
 0.75000   -8.308667 -128.323410   -2.189370
-459.964120   -9.832722  -823.715181
 1.00000   -8.308667 -124.856392   -2.189370
-452.472957  -11.282998 -871.539453

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.927122  215.950079    5.070415
248.146171   44.028607    4627.420
 0.25000   10.927122  239.429195    5.070415
243.547356   40.259830    4720.810
 0.50000   10.927122  265.553406    5.070415
239.244587   37.249994    4782.419
 0.75000   10.927122  293.032604    5.070415
235.232697   35.248184    4815.728
 1.00000   10.927122  321.118222    5.070415
231.509348   34.878890    4817.735

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.491838 -315.537732   -3.180876
-373.666997  -12.799913 -927.437739
 0.25000   -7.491838 -287.366582   -3.180876
-377.554298  -12.799976 -992.467123
 0.50000   -7.491838 -259.730356   -3.180876
-381.747854  -11.891438  -1057.523
 0.75000   -7.491838 -233.781048   -3.180876
-386.247286  -11.686727  -1122.296
 1.00000   -7.491838 -210.390313   -3.180876
-391.061722  -12.962837  -1187.277

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.614977  225.915737    4.951652
359.538402   46.172441    5025.247
 0.25000   11.614977  245.244111    4.951652
356.443618   42.517570    5102.698
 0.50000   11.614977  266.748516    4.951652
353.539421   39.702857    5161.690
 0.75000   11.614977  289.368287    4.951652
350.820734   38.107329    5197.553
 1.00000   11.614977  312.486928    4.951652
348.311817   37.963188    5235.661

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.401450 -307.077998   -3.107852
-416.991069  -14.745124   -1009.440
 0.25000   -7.401450 -283.888714   -3.107852
-419.659013  -13.682947   -1080.292
 0.50000   -7.401450 -261.139753   -3.107852
-422.531437  -13.025546   -1151.200
 0.75000   -7.401450 -239.779417   -3.107852
-425.613103  -13.139442   -1221.823
 1.00000   -7.401450 -220.524076   -3.107852
-428.914946  -14.525499   -1292.635
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       930

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.759575  105.331880    1.747031
131.047990   23.135663    1835.698
 0.25000    1.759575  118.468542    1.747031
149.344611   22.084011    1875.570
 0.50000    1.759575  133.084103    1.747031
169.058445   21.338542    1898.709
 0.75000    1.759575  148.452520    1.747031
190.183033   21.010373    1908.695
 1.00000    1.759575  164.193707    1.747031
212.712997   21.012761    1902.334

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.120677 -160.188100   -1.515493
-252.827982   -3.528169 -348.521776
 0.25000   -6.120677 -144.425211   -1.515493
-229.571979   -3.046692 -372.795644
 0.50000   -6.120677 -128.974172   -1.515493
-207.721452   -2.602995 -397.194079
 0.75000   -6.120677 -114.457224   -1.515493
-187.289317   -2.184008 -421.363895
 1.00000   -6.120677 -101.379575   -1.515493
-168.267929   -1.828919 -445.649274

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.075225  207.084858    3.588794
147.423178   44.263546    3600.783
 0.25000    4.075225  233.347952    3.588794
147.423178   42.091162    3681.199
 0.50000    4.075225  262.560952    3.588794
147.423178   40.564605    3727.473
 0.75000    4.075225  293.289104    3.588794
147.423178   39.881516    3746.549
 1.00000    4.075225  324.695038    3.588794
147.423178   39.844895    3732.157

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.689341 -317.193213   -2.684671
-153.761044   -7.482621 -680.205766
 0.25000   -5.689341 -285.691837   -2.684671
-153.761044   -7.071479 -727.657955
 0.50000   -5.689341 -254.788592   -2.684671
-153.761044   -6.762319 -775.238763
 0.75000   -5.689341 -225.717821   -2.684671
-153.761044   -6.498881 -822.446386
 1.00000   -5.689341 -199.608078   -2.684671
-153.761044   -6.376721 -869.854726

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.372689  228.431950    4.464452
248.356500   46.990779    4645.017
 0.25000    8.372689  252.423249    4.464452
248.453053   43.621222    4730.860
 0.50000    8.372689  279.178578    4.464452
248.854445   40.936764    4788.572
 0.75000    8.372689  307.175899    4.464452
249.405097   39.077054    4823.905
 1.00000    8.372689  335.863355    4.464452
249.982648   38.601517    4830.772

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.756501 -328.802964   -3.082543
-340.480645  -10.590810 -914.541353
 0.25000   -7.756501 -300.028471   -3.082543
-339.550409   -9.490401 -978.693422
 0.50000   -7.756501 -271.800327   -3.082543
-338.665372   -8.486898   -1042.670
 0.75000   -7.756501 -245.295385   -3.082543
-337.824493   -7.567876   -1106.464
 1.00000   -7.756501 -221.394708   -3.082543
-337.033295   -7.555412   -1170.556
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       931

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.850015  224.648920    4.185859
360.824076   45.006123    5023.599
 0.25000    7.850015  244.933971    4.185859
360.824076   41.863261    5106.533
 0.50000    7.850015  267.497578    4.185859
360.824076   39.390881    5168.353
 0.75000    7.850015  291.231462    4.185859
360.824076   37.914923    5213.322
 1.00000    7.850015  315.488852    4.185859
360.824076   37.876895    5235.798

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.884170 -310.060967   -3.011620
-369.282349  -11.473098   -1006.004
 0.25000   -7.884170 -285.729859   -3.011620
-369.282349  -10.376295   -1076.734
 0.50000   -7.884170 -261.860736   -3.011620
-369.282349   -9.450943   -1147.273
 0.75000   -7.884170 -239.448693   -3.011620
-369.282349   -8.899655   -1217.653
 1.00000   -7.884170 -219.240279   -3.011620
-369.282349   -9.141830   -1288.333

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.177325   51.408414    1.312352
250.214082    9.248751    1744.605
 0.25000    1.177325   51.917111    1.312352
248.638735    8.509111    1763.574
 0.50000    1.177325   52.485372    1.312352
247.160406    8.158474    1784.869
 0.75000    1.177325   53.083500    1.312352
245.777970    8.564370    1808.167
 1.00000    1.177325   53.694606    1.312352
244.491791    9.441698    1833.089

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.272994  -55.381766   -1.543272
-135.120944   -5.915257  -373.104371
 0.25000   -3.272994  -54.768610   -1.543272
-136.374795   -4.777510  -400.191110
 0.50000   -3.272994  -54.167054   -1.543272
-137.725755   -4.117388  -426.662168
 0.75000   -3.272994  -53.602268   -1.543272
-139.174044   -4.577509  -453.310691
 1.00000   -3.272994  -53.095506   -1.543272
-140.719814   -5.598614  -479.849971

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.022095  128.649394    2.718832
467.016578   25.117666    3244.110
 0.25000    5.022095  133.259034    2.718832
455.112113   23.549968    3270.802
 0.50000    5.022095  138.403152    2.718832
443.940322   22.686443    3302.280
 0.75000    5.022095  143.818482    2.718832
433.493039   22.956811    3344.913
 1.00000    5.022095  149.350393    2.718832
423.779344   23.995330    3391.874

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.468982 -148.698868   -2.397325
-273.684488   -8.891723 -662.660814
 0.25000   -4.468982 -143.148168   -2.397325
-283.166621   -8.145016 -709.364785
 0.50000   -4.468982 -137.702448   -2.397325
-293.384062   -9.109598 -756.162122
 0.75000   -4.468982 -132.589691   -2.397325
-304.337423   -8.866875 -802.920190
 1.00000   -4.468982 -127.998381   -2.397325
-316.028509   -9.933139 -849.797927
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                       932
```

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.229846	213.661750	3.999942
344.152991		43.218811	4544.907	
0.25000		4.229846	237.420784	3.999942
347.755002		40.322467	4639.077	
0.50000		4.229846	263.840253	3.999942
351.639921		39.320622	4700.973	
0.75000		4.229846	291.629941	3.999942
355.791644		39.199594	4733.875	
1.00000		4.229846	320.032703	3.999942
360.211202		40.031529	4735.075	

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.902441	-315.733000	-3.407403
-242.445878		-10.470803	-899.872386	
0.25000		-5.902441	-287.242635	-3.407403
-237.580497		-9.554766	-963.100522	
0.50000		-5.902441	-259.295107	-3.407403
-233.001257		-9.168174	-1026.304	
0.75000		-5.902441	-233.053760	-3.407403
-228.712349		-9.477436	-1089.307	
1.00000		-5.902441	-209.386353	-3.407403
-224.708587		-10.074248	-1152.628	

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.156068	224.942831	4.248045
399.044951		45.718031	5011.512	
0.25000		6.156068	244.471617	4.248045
401.414268		42.849579	5090.323	
0.50000		6.156068	266.188390	4.248045
403.965879		40.764292	5150.112	
0.75000		6.156068	289.031489	4.248045
406.707456		39.989420	5196.868	
1.00000		6.156068	312.378518	4.248045
409.597117		40.519270	5223.363	

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.194957	-307.548821	-3.601955
-369.560607		-11.643047	-1002.840	
0.25000		-9.194957	-284.129686	-3.601955
-366.312742		-10.334831	-1073.317	
0.50000		-9.194957	-261.156768	-3.601955
-363.248710		-9.471596	-1143.726	
0.75000		-9.194957	-239.553314	-3.601955
-360.376666		-9.203629	-1213.990	
1.00000		-9.194957	-220.132852	-3.601955
-357.699158		-9.475347	-1284.515	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.509760	241.061941	5.103543
500.615338		45.100706	4741.471	
0.25000		9.509760	272.403977	5.103543
481.930216		42.229536	4786.043	
0.50000		9.509760	307.313652	5.103543
468.218919		40.700661	4811.212	
0.75000		9.509760	344.776068	5.103543
454.580190		40.503708	4828.333	
1.00000		9.509760	384.745891	5.103543
440.917459		41.422137	4834.126	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.406127	-390.762182	-3.405743
-512.456253		-9.166475	-770.976408	
0.25000		-8.406127	-352.086265	-3.405743
-497.364084		-9.074520	-825.038001	
0.50000		-8.406127	-315.014613	-3.405743
-486.232133		-9.406328	-879.099595	
0.75000		-8.406127	-280.708937	-3.405743
-475.183939		-10.171330	-933.161189	
1.00000		-8.406127	-250.176969	-3.405743
-464.154816		-11.362714	-987.222783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
933

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.614977	228.431950	5.070415
467.016578		46.990779	5025.247	
0.25000		11.614977	252.423249	5.070415
455.112113		43.621222	5106.533	
0.50000		11.614977	279.107578	5.070415
443.940322		40.936764	5168.353	
0.75000		11.614977	307.175899	5.070415
433.493039		39.989420	5213.322	
1.00000		11.614977	335.863355	5.070415
423.779344		40.519270	5235.798	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.194957	-328.802964	-3.601955
-485.801131		-14.745124	-1009.440	
0.25000		-9.194957	-300.028471	-3.601955
-476.627824		-13.682947	-1080.292	
0.50000		-9.194957	-271.800327	-3.601955
-468.016142		-13.025546	-1151.200	
0.75000		-9.194957	-245.295385	-3.601955
-459.964120		-13.139442	-1221.823	
1.00000		-9.194957	-221.394708	-3.601955
-452.472957		-14.525499	-1292.635	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.614977	241.061941	5.103543
500.615338		46.990779	5025.247	
0.25000		11.614977	272.403977	5.103543
481.930216		43.621222	5106.533	
0.50000		11.614977	307.313652	5.103543
468.218919		40.936764	5168.353	
0.75000		11.614977	344.776068	5.103543
454.580190		40.503708	5213.322	
1.00000		11.614977	384.745891	5.103543
440.917459		41.422137	5235.798	

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.194957	-390.762182	-3.601955
-512.456253		-14.745124	-1009.440	
0.25000		-9.194957	-352.086265	-3.601955
-497.364084		-13.682947	-1080.292	
0.50000		-9.194957	-315.014613	-3.601955
-486.232133		-13.025546	-1151.200	
0.75000		-9.194957	-280.708937	-3.601955
-475.183939		-13.139442	-1221.823	
1.00000		-9.194957	-250.176969	-3.601955
-464.154816		-14.525499	-1292.635	

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.614977	241.061941	5.103543
500.615338		46.990779	5025.247	
0.25000		11.614977	272.403977	5.103543
481.930216		43.621222	5106.533	
0.50000		11.614977	307.313652	5.103543
468.218919		40.936764	5168.353	
0.75000		11.614977	344.776068	5.103543
454.580190		40.503708	5213.322	
1.00000		11.614977	384.745891	5.103543
440.917459		41.422137	5235.798	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.194957	-390.762182	-3.601955
-512.456253		-14.745124	-1009.440	
0.25000		-9.194957	-352.086265	-3.601955
-497.364084		-13.682947	-1080.292	
0.50000		-9.194957	-315.014613	-3.601955
-486.232133		-13.025546	-1151.200	
0.75000		-9.194957	-280.708937	-3.601955
-475.183939		-13.139442	-1221.823	
1.00000		-9.194957	-250.176969	-3.601955
-464.154816		-14.525499	-1292.635	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
934

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 61 ========== LENGTH = 4.957717

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.214580	64.341890	1.468620
247.883129		4.293097	1533.434	
0.25000		6.214580	64.878176	1.468620
249.104509		3.637239	1492.748	
0.50000		6.214580	65.476133	1.468620
250.327357		3.114721	1458.366	
0.75000		6.214580	66.118493	1.468620
251.558489		2.742221	1433.535	
1.00000		6.214580	66.787274	1.468620
253.227068		2.509479	1418.479	

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.532489	-34.051993	-1.488905
-130.737056		-10.540020	-368.532616	
0.25000		-1.532489	-33.386728	-1.488905
-129.070758		-9.611679	-389.064174	
0.50000		-1.532489	-32.751990	-1.488905
-127.844886		-9.205973	-409.595733	
0.75000		-1.532489	-32.165954	-1.488905
-126.627773		-9.366514	-430.127293	
1.00000		-1.532489	-31.645887	-1.488905
-125.412113		-9.947856	-450.658975	

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.438796	159.150948	2.711764
457.190992		17.669542	3047.039	
0.25000		7.438796	164.526912	2.711764
468.220904		16.016167	2963.783	
0.50000		7.438796	170.520883	2.711764
479.261909		14.889032	2898.070	
0.75000		7.438796	176.959868	2.711764
490.385430		14.368352	2860.946	
1.00000		7.438796	183.661121	2.711764
505.452411		14.373268	2841.956	

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.670166	-122.035109	-2.214769
-324.971826		-10.285488	-664.082071	
0.25000		-7.670166	-115.368928	-2.214769
-309.926549		-9.926336	-700.483457	
0.50000		-7.670166	-109.006490	-2.214769
-298.856412		-8.876286	-736.885865	
0.75000		-7.670166	-103.131976	-2.214769
-287.866070		-9.016270	-773.288273	
1.00000		-7.670166	-97.918769	-2.214769
-276.890922		-9.672563	-809.691688	

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.576839	275.565122	4.410557
361.157053		36.436223	4151.477	
0.25000		7.576839	306.742433	4.410557
358.821174		33.651807	4380.950	
0.50000		7.576839	341.507872	4.410557
357.194857		31.910501	4328.499	
0.75000		7.576839	378.836847	4.410557
355.529406		31.339341	4251.405	
1.00000		7.576839	417.555048	4.410557
353.799363		31.817310	4141.836	

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.961480	-331.110680	-3.482013
-198.166560		-11.070949	-897.051113	
0.25000		-5.961480	-292.586065	-3.482013
-199.451607		-10.061921	-945.721990	
0.50000		-5.961480	-255.702715	-3.482013
-200.962452		-9.525215	-994.398849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
935

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-5.961480	-221.634121	-3.482013
-202.455884		-9.503470	-1043.076	
1.00000		-5.961480	-191.404020	-3.482013
-204.656783		-9.955436	-1091.753	

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.577708	289.009186	4.291294
408.379178		38.149734	4827.610	
0.25000		9.577708	314.649402	4.291294
407.843897		35.360824	4761.420	
0.50000		9.577708	343.237894	4.291294
407.360567		33.564108	4689.058	
0.75000		9.577708	373.935008	4.291294
406.878596		32.893955	4615.863	
1.00000		9.577708	405.775015	4.291294
406.798675		33.329612	4529.727	

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.828466	-311.393015	-3.333446
-332.582856		-11.833918	-987.313682	
0.25000		-5.828466	-279.712510	-3.333446
-332.582856		-10.878969	-1040.955	
0.50000		-5.828466	-249.381852	-3.333446
-332.582891		-10.320092	-1094.602	
0.75000		-5.828466	-221.366353	-3.333446
-332.582891		-10.193847	-1148.248	
1.00000		-5.828466	-196.505767	-3.333446
-332.720688		-10.469004	-1201.895	

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.304981	136.135196	2.114815
182.326968		21.448071	1870.939	
0.25000		1.304981	153.164638	2.114815
202.945671		20.019252	1863.296	
0.50000		1.304981	172.152168	2.114815
223.600781		19.178719	1844.290	
0.75000		1.304981	192.545293	2.114815
244.414241		19.077616	1816.050	
1.00000		1.304981	213.740203	2.114815
272.558789		19.579886	1769.821	

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.036084	-178.919551	-1.456564
-230.116225		-1.713214	-344.803204	
0.25000		-7.036084	-157.833638	-1.456564
-202.027226		-1.587126	-363.189992	
0.50000		-7.036084	-137.683176	-1.456564
-181.339844		-1.461148	-381.577636	
0.75000		-7.036084	-119.075116	-1.456564
-160.815777		-1.335502	-399.965280	
1.00000		-7.036084	-102.561999	-1.456564
-140.329122		-1.209884	-418.353222	

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.423389	265.452934	4.008296
160.640271		41.945824	3632.587	
0.25000		4.423389	299.495873	4.008296
160.640271		39.233993	3622.606	
0.50000		4.423389	337.453485	4.008296
160.640271		37.642953	3588.382	
0.75000		4.423389	378.210964	4.008296
160.640271		37.419969	3532.100	
1.00000		4.423389	420.486069	4.008296
160.640271		38.377381	3437.827	

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.649419	-353.221311	-2.894485
-152.039989		-4.779771	-665.661128	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
936

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		-5.649419	-311.157999	-2.894485
-152.039989		-4.485837	-701.049051	
0.50000		-5.649419	-270.887075	-2.894485
-152.039989		-4.192089	-736.543359	
0.75000		-5.649419	-233.690225	-2.894485
-152.039989		-3.902972	-772.037667	
1.00000		-5.649419	-200.681661	-2.894485
-152.039989		-3.620985	-807.532579	

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.088907	292.700975	4.095235
343.599321		40.330431	4136.586	
0.25000		7.088907	323.682805	4.095235
344.038147		37.487993	4494.211	
0.50000		7.088907	358.225330	4.095235
344.542708		35.676233	4436.809	
0.75000		7.088907	395.316390	4.095235
345.099418		35.089042	4365.817	
1.00000		7.088907	434.789046	4.095235
345.610168		35.800302	4269.654	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.639634	-346.597521	-2.916227
-246.371003		-5.967208	-893.515234	
0.25000		-6.639634	-308.317657	-2.916227
-245.925151		-5.531912	-941.673785	
0.50000		-6.639634	-271.669384	-2.916227
-245.508124		-5.100780	-989.837874	
0.75000		-6.639634	-237.819133	-2.916227
-245.143356		-4.779481	-1038.002	
1.00000		-6.639634	-207.778726	-2.916227
-244.842966		-4.350632	-1086.167	

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.821221	288.456796	3.924665
372.221013		36.846176	4834.065	
0.25000		6.821221	314.567717	3.924665
372.221013		34.523357	4771.397	
0.50000		6.821221	343.681190	3.924665
372.221013		33.083317	4702.056	
0.75000		6.821221	374.942162	3.924665
372.221013		32.811290	4626.275	
1.00000		6.821221	407.367151	3.924665
372.221013		33.528958	4536.738	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.550787	-313.009347	-2.651607
-357.646380		-6.906101	-984.650894	
0.25000		-6.550787	-280.746803	-2.651607
-357.646380		-6.507586	-1038.133	
0.50000		-6.550787	-249.850119	-2.651607
-357.646380		-6.114158	-1091.620	
0.75000		-6.550787	-221.329050	-2.651607
-357.646380		-5.729247	-1145.107	
1.00000		-6.550787	-196.011494	-2.651607
-357.646380		-5.430719	-1198.595	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.940303	66.620421	1.613760
135.469362		7.010062	1573.225	
0.25000		0.940303	67.258201	1.613760
133.451437		6.541852	1531.690	
0.50000		0.940303	67.972630	1.613760
131.970516		6.741102	1497.436	
0.75000		0.940303	68.739405	1.613760
130.498498		7.062094	1473.153	
1.00000		0.940303	69.531741	1.613760
129.025266		7.537380	1454.458	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
937

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.108655	-36.682988	-0.915871
-238.444078		-2.771258	-366.514429	
0.25000		-2.108655	-35.894423	-0.915871
-239.918691		-2.779281	-387.131472	
0.50000		-2.108655	-35.136858	-0.915871
-241.391583		-2.787256	-407.748515	
0.75000		-2.108655	-34.436823	-0.915871
-242.873253		-3.453524	-428.366162	
1.00000		-2.108655	-33.818331	-0.915871
-244.891252		-4.774499	-448.983510	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.419466	162.945147	2.831828
338.067878		21.185778	3069.241	
0.25000		5.419466	169.769898	2.831828
319.381666		19.916355	2991.704	
0.50000		5.419466	177.410066	2.831828
305.673933		19.657825	2930.099	
0.75000		5.419466	185.610527	2.831828
292.042349		19.919849	2891.663	
1.00000		5.419466	194.088684	2.831828
278.398037		20.693511	2868.090	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.113198	-133.348860	-1.755115
-431.794839		-6.225264	-651.616641	
0.25000		-3.113198	-124.911344	-1.755115
-445.446706		-6.076790	-687.550988	
0.50000		-3.113198	-116.809291	-1.755115
-459.084785		-5.929946	-723.488360	
0.75000		-3.113198	-109.322958	-1.755115
-472.793973		-5.789460	-759.425732	
1.00000		-3.113198	-102.704726	-1.755115
-491.478959		-6.032164	-795.363840	

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.118883	276.331846	4.532891
207.994520		39.215270	4404.166	
0.25000		4.118883	307.785799	4.532891
209.010651		36.786707	4376.586	
0.50000		4.118883	342.853339	4.532891
210.073523		35.827227	4325.911	
0.75000		4.118883	380.508548	4.532891
211.202905		35.973926	4249.394	
1.00000		4.118883	419.566707	4.532891
212.487987		37.144367	4140.104	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.260942	-334.288822	-3.017015
-331.717191		-6.718223	-882.567756	
0.25000		-4.260942	-295.426420	-3.017015
-330.498530		-6.485335	-930.666638	
0.50000		-4.260942	-258.220734	-3.017015
-329.512310		-6.253681	-978.754544	
0.75000		-4.260942	-223.855961	-3.017015
-328.582846		-6.028082	-1026.842	
1.00000		-4.260942	-193.357870	-3.017015
-327.718795		-5.976432	-1074.931	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.172187	288.514021	4.336583
346.583078		38.445606	4824.065	
0.25000		5.172187	314.272405	4.336583
346.583077		35.960803	4758.918	
0.50000		5.172187	342.992169	4.336583
346.583077		34.804325	4687.818	
0.75000		5.172187	373.830477	4.336583
346.583077		34.810615	4610.221	
1.00000		5.172187	405.817139	4.336583
346.583077		35.790763	4527.372	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
938

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.212365	-311.795186	-2.875149
-383.737820		-6.847356	-982.382525	
0.25000		-8.212365	-279.968781	-2.875149
-383.737820		-6.532891	-1035.871	
0.50000		-8.212365	-249.498615	-2.875149
-383.737820		-6.220704	-1089.363	
0.75000		-8.212365	-221.354458	-2.875149
-383.737820		-5.915584	-1142.856	
1.00000		-8.212365	-196.379028	-2.875149
-383.737820		-5.753155	-1196.349	

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.390567	75.452763	1.516705
275.981718		4.982223	1809.307	
0.25000		9.390567	75.875644	1.516705
277.011939		3.998443	1781.794	
0.50000		9.390567	76.342861	1.516705
278.119507		3.279773	1755.732	
0.75000		9.390567	76.837405	1.516705
279.303759		2.913185	1731.728	
1.00000		9.390567	77.360127	1.516705
280.565236		3.225439	1709.759	

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.993121	-33.506050	-1.731851
-115.773310		-12.459412	-485.541502	
0.25000		-2.993121	-33.027089	-1.731851
-114.546390		-10.932618	-512.649044	
0.50000		-2.993121	-32.557711	-1.731851
-113.397179		-9.739702	-539.866311	
0.75000		-2.993121	-32.116552	-1.731851
-112.323131		-9.431008	-567.140359	
1.00000		-2.993121	-31.721914	-1.731851
-111.327250		-10.093218	-594.351196	

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.365563	169.307872	2.888262
480.751378		20.294657	3404.307	
0.25000		11.365563	172.881223	2.888262
488.231323		18.143964	3346.833	
0.50000		11.365563	176.829925	2.888262
496.000253		16.436475	3293.716	
0.75000		11.365563	181.009214	2.888262
504.869408		15.348015	3258.284	
1.00000		11.365563	185.257562	2.888262
514.025012		15.211687	3229.301	

COMB DL-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.324001	-106.630808	-2.481062
-277.731848		-13.471336	-871.714508	
0.25000		-8.324001	-102.583079	-2.481062
-268.834929		-11.798768	-919.668953	
0.50000		-8.324001	-98.616352	-2.481062
-260.495332		-10.507309	-967.640825	
0.75000		-8.324001	-94.888135	-2.481062
-252.709073		-9.961995	-1015.725	
1.00000		-8.324001	-91.553034	-2.481062
-245.476250		-10.481420	-1063.725	

COMB DL-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.098238	269.810565	4.192534
415.200235		37.273423	4817.678	
0.25000		11.098238	293.896469	4.192534
410.397509		34.486754	4804.115	
0.50000		11.098238	320.524499	4.192534
405.909597		32.444719	4758.801	
0.75000		11.098238	348.718320	4.192534
401.716851		31.409069	4685.754	
1.00000		11.098238	377.371758	4.192534
397.816043		31.607939	4582.751	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.572348	-268.463410	-3.570856
-196.229327	-15.079302	-1187.402	
0.25000	-7.572348	-241.160039	-3.570856
-199.984790	-13.415434	-1251.900	
0.50000	-7.572348	-214.394989	-3.570856
-204.038772	-12.152482	-1316.350	
0.75000	-7.572348	-189.256944	-3.570856
-208.392619	-11.592347	-1381.317	
1.00000	-7.572348	-166.767306	-3.570856
-213.055297	-12.051335	-1445.827	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.720609	285.312798	4.163781
439.208343	39.776753	5235.592	
0.25000	11.720609	305.140412	4.163781
435.922953	37.034089	5195.911	
0.50000	11.720609	327.059512	4.163781
432.841730	35.175745	5136.846	
0.75000	11.720609	350.267512	4.163781
429.970308	34.337490	5066.387	
1.00000	11.720609	373.853859	4.163781
427.303981	34.676034	4979.297	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.524466	-256.074233	-3.556410
-327.120958	-16.176714	-1292.641	
0.25000	-7.524466	-233.599217	-3.556410
-329.659898	-14.589522	-1362.950	
0.50000	-7.524466	-211.567375	-3.556410
-332.410459	-13.548981	-1433.142	
0.75000	-7.524466	-190.874851	-3.556410
-335.357113	-13.150428	-1503.805	
1.00000	-7.524466	-172.361351	-3.556410
-338.506440	-13.613875	-1574.063	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.039691	123.638442	1.963221
172.145591	22.119757	1902.309	
0.25000	2.039691	137.117237	1.963221
191.126061	20.710382	1903.434	
0.50000	2.039691	152.011685	1.963221
211.516875	19.612943	1888.286	
0.75000	2.039691	167.778067	1.963221
233.321711	18.943413	1860.270	
1.00000	2.039691	183.802163	1.963221
256.533390	18.668297	1816.207	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.010307	-142.600558	-1.268728
-204.593697	-7.284417	-445.682274	
0.25000	-6.010307	-127.330842	-1.268728
-182.071082	-2.465486	-469.400623	
0.50000	-6.010307	-112.366844	-1.268728
-160.965738	-2.269037	-493.177991	
0.75000	-6.010307	-98.302826	-1.268728
-141.265272	-2.129740	-517.113808	
1.00000	-6.010307	-85.721541	-1.268728
-122.979734	-2.091331	-540.850483	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.411969	242.764003	3.514852
151.885610	40.813783	3732.106	
0.25000	4.411969	269.705434	3.514852
151.885610	38.711959	3736.554	
0.50000	4.411969	299.481610	3.514852
151.885610	37.272545	3707.778	
0.75000	4.411969	331.008735	3.514852
151.885610	36.712520	3652.417	
1.00000	4.411969	363.049885	3.514852
151.885610	36.852201	3564.235	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.727426	-282.678443	-2.711997
-141.585365	-7.175119	-869.823640	
0.25000	-5.727426	-252.147057	-2.711997
-141.585365	-10.000506	-916.251378	
0.50000	-5.727426	-222.218003	-2.711997
-141.585365	-6.436127	-962.269104	
0.75000	-5.727426	-194.108567	-2.711997
-141.585365	-6.177093	-1009.015	
1.00000	-5.727426	-168.953099	-2.711997
-141.585365	-6.033790	-1055.211	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.612346	279.936682	3.862407
350.479936	40.375572	4830.711	
0.25000	8.612346	304.547806	3.862407
351.251992	38.113540	4811.262	
0.50000	8.612346	331.746515	3.862407
352.047172	36.171900	4764.227	
0.75000	8.612346	360.544617	3.862407
352.878378	35.143757	4695.763	
1.00000	8.612346	389.812265	3.862407
353.740790	35.130993	4600.592	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.768188	-282.714081	-2.993749
-226.046123	-9.561594	-1170.651	
0.25000	-7.768188	-254.825528	-2.993749
-225.461093	-8.655102	-1233.727	
0.50000	-7.768188	-227.487250	-2.993749
-224.906259	-7.876458	-1296.718	
0.75000	-7.768188	-201.811140	-2.993749
-224.385297	-7.276536	-1360.282	
1.00000	-7.768188	-178.831604	-2.993749
-223.906505	-7.185852	-1423.387	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.048081	283.589746	3.871907
367.370769	39.418783	5235.717	
0.25000	8.048081	304.398833	3.871907
367.370769	36.923447	5200.228	
0.50000	8.048081	327.397427	3.871907
367.370769	35.333367	5143.823	
0.75000	8.048081	351.748424	3.871907
367.370769	34.632010	5071.675	
1.00000	8.048081	376.496444	3.871907
367.370769	34.774972	4979.651	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.869541	-259.059646	-2.880915
-350.549513	-10.676926	-1288.284	
0.25000	-7.869541	-235.477741	-2.880915
-350.549513	-9.745739	-1358.335	
0.50000	-7.869541	-212.361066	-2.880915
-350.549513	-9.228536	-1428.163	
0.75000	-7.869541	-190.649632	-2.880915
-350.549513	-8.987935	-1498.528	
1.00000	-7.869541	-171.220192	-2.880915
-350.549513	-9.178843	-1568.494	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.301014	76.961644	1.753408
119.216815	9.235456	1833.035	
0.25000	1.301014	77.483440	1.753408
117.673237	8.366446	1805.463	
0.50000	1.301014	78.063134	1.753408
116.226250	8.302427	1779.173	
0.75000	1.301014	78.676438	1.753408
114.875751	8.770800	1755.245	
1.00000	1.301014	79.300048	1.753408
113.621701	9.458340	1734.011	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.251651	-35.649381	-1.131045
-263.237034	-5.050345	-479.631079	
0.25000	-3.251651	-35.055516	-1.131045
-264.522309	-4.527732	-506.618224	
0.50000	-3.251651	-34.473153	-1.131045
-265.904533	-4.878960	-534.062976	
0.75000	-3.251651	-33.925929	-1.131045
-267.383628	-6.140711	-561.038990	
1.00000	-3.251651	-33.438400	-1.131045
-268.959941	-7.707340	-589.047255	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.122192	170.397792	2.908215
286.841675	23.557785	3391.805	
0.25000	5.122192	175.125365	2.908215
275.166566	22.220137	3337.941	
0.50000	5.122192	180.371302	2.908215
264.224007	21.917922	3289.111	
0.75000	5.122192	185.925344	2.908215
254.005788	22.459394	3251.531	
1.00000	5.122192	191.569578	2.908215
244.526480	23.432545	3220.020	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.610525	-114.562864	-2.217592
-448.693963	-9.528323	-849.495505	
0.25000	-4.610525	-109.181418	-2.217592
-458.406697	-9.025043	-896.258570	
0.50000	-4.610525	-103.969485	-2.217592
-468.853058	-9.196573	-942.899949	
0.75000	-4.610525	-98.956516	-2.217592
-480.029317	-10.006782	-989.779456	
1.00000	-4.610525	-94.538690	-2.217592
-491.942655	-11.488745	-1041.867	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.553262	266.325869	4.250885
199.763503	40.192861	4734.986	
0.25000	4.553262	290.698676	4.250885
203.722644	37.937856	4723.381	
0.50000	4.553262	317.627450	4.250885
207.965669	36.938768	4680.051	
0.75000	4.553262	346.139563	4.250885
212.489732	37.131454	4608.384	
1.00000	4.553262	375.116613	4.250885
217.285031	38.094820	4505.855	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.968616	-269.048748	-3.151607
-379.459537	-10.126391	-1165.152360	
0.25000	-5.968616	-241.440093	-3.151607
-375.035607	-9.561066	-1215.111	
0.50000	-5.968616	-214.373607	-3.151607
-370.882121	-9.644053	-1277.621	
0.75000	-5.968616	-188.950058	-3.151607
-367.004344	-10.270742	-1340.707	
1.00000	-5.968616	166.193212	-3.151607
-363.408289	-11.657962	-1403.396	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.485553	284.234816	4.320354
346.456516	41.728113	5223.270	
0.25000	6.485553	304.268230	4.320354
349.101199	39.046055	5184.451	
0.50000	6.485553	326.403519	4.320354
351.935129	37.467264	5126.273	
0.75000	6.485553	349.640471	4.320354
354.942945	37.008971	5055.730	
1.00000	6.485553	373.659591	4.320354
358.137564	37.465410	4967.612	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.149051	-256.364954	-3.068769
-411.670791	-10.569296	-1284.444	
0.25000	-9.149051	-233.670533	-3.068769
-408.771427	-9.778360	-1354.316	
0.50000	-9.149051	-211.421829	-3.068769
-406.033175	-9.544160	-1436.843	
0.75000	-9.149051	-190.523689	-3.068769
-403.482611	-9.782574	-1507.733	
1.00000	-9.149051	-171.820912	-3.068769
-401.118935	-10.801587	-1578.307	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.577708	292.700975	4.532891
457.190992	41.945824	4834.065	
0.25000	9.577708	323.682805	4.532891
468.220904	39.233993	4771.397	
0.50000	9.577708	358.225330	4.532891
479.261909	37.642953	4702.056	
0.75000	9.577708	395.316390	4.532891
490.385430	37.419969	4626.275	
1.00000	9.577708	433.789046	4.532891
505.452411	38.377381	4536.738	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.212365	-353.221311	-3.482013
-431.794839	-11.833918	-987.313682	
0.25000	-8.212365	-311.157999	-3.482013
-445.446706	-10.878969	-1040.955	
0.50000	-8.212365	-271.669384	-3.482013
-459.084785	-10.320092	-1094.602	
0.75000	-8.212365	-237.819133	-3.482013
-472.793973	-10.193847	-1148.248	
1.00000	-8.212365	-207.778726	-3.482013
-491.478959	-10.469004	-1201.895	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.720609	285.312798	4.320354
480.751378	41.728113	5235.717	
0.25000	11.720609	305.140412	4.320354
488.231323	39.046055	5200.228	
0.50000	11.720609	331.746515	4.320354
496.270253	37.467264	5143.823	
0.75000	11.720609	360.544617	4.320354
504.869408	37.131454	5071.675	
1.00000	11.720609	389.812265	4.320354
514.025012	38.094820	4979.651	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.149051	-282.714081	-3.570856
-448.693963	-16.176714	-1292.641	
0.25000	-9.149051	-254.825528	-3.570856
-458.406697	-14.589522	-1362.950	
0.50000	-9.149051	-227.487250	-3.570856
-468.853058	-13.548981	-1436.843	
0.75000	-9.149051	-201.811140	-3.570856
-480.029317	-13.150428	-1507.733	
1.00000	-9.149051	-178.831604	-3.570856
-491.942655	-13.613875	-1578.307	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.720609	292.700975	4.532891
480.751378	41.945824	5235.717	
0.25000	11.720609	323.682805	4.532891
488.231323	39.233993	5200.228	
0.50000	11.720609	358.225330	4.532891
496.270253	37.642953	5143.823	
0.75000	11.720609	395.316390	4.532891
504.869408	37.419969	5071.675	
1.00000	11.720609	433.789046	4.532891
514.025012	38.377381	4979.651	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.149051	-353.221311	-3.570856
-448.693963	-16.176714	-1292.641	
0.25000	-9.149051	-311.157999	-3.570856
-458.406697	-14.589522	-1362.950	
0.50000	-9.149051	-271.669384	-3.570856
-468.853058	-13.548981	-1436.843	
0.75000	-9.149051	-237.819133	-3.570856
-480.029317	-13.150428	-1507.733	
1.00000	-9.149051	-207.778726	-3.570856
-491.942655	-13.613875	-1578.307	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.720609	292.700975	4.532891
480.751378	41.945824	5235.717	
0.25000	11.720609	323.682805	4.532891
488.231323	39.233993	5200.228	
0.50000	11.720609	358.225330	4.532891
496.270253	37.642953	5143.823	
0.75000	11.720609	395.316390	4.532891
504.869408	37.419969	5071.675	
1.00000	11.720609	433.789046	4.532891
514.025012	38.377381	4979.651	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.149051	-353.221311	-3.570856
-448.693963	-16.176714	-1292.641	
0.25000	-9.149051	-311.157999	-3.570856
-458.406697	-14.589522	-1362.950	
0.50000	-9.149051	-271.669384	-3.570856
-468.853058	-13.548981	-1436.843	
0.75000	-9.149051	-237.819133	-3.570856
-480.029317	-13.150428	-1507.733	
1.00000	-9.149051	-207.778726	-3.570856
-491.942655	-13.613875	-1578.307	

ELEM 62 ========== LENGTH = 4.958271

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.060499	86.061413	1.278778
378.593923	2.529137	1417.738	
0.25000	6.060499	86.590084	1.278778
379.809038	2.124347	1342.385	
0.50000	6.060499	87.179606	1.278778
381.025798	2.212378	1273.277	
0.75000	6.060499	87.812513	1.278778
382.251101	2.794518	1212.765	
1.00000	6.060499	88.470256	1.278778
383.914269	3.690754	1164.106	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.601056	-18.152476	-1.609746
-34.433965	-10.493269	-450.828078	
0.25000	-1.601056	-17.499398	-1.609746
-32.774172	-9.513434	-471.765321	
0.50000	-1.601056	-16.877611	-1.609746
-31.556505	-8.966324	-492.702564	
0.75000	-1.601056	-16.305066	-1.609746
-30.348974	-9.041266	-513.639814	
1.00000	-1.601056	-15.798737	-1.609746
-29.143263	-9.552818	-534.577079	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.414089	197.139929	2.818368
642.582890	14.224267	2840.817	
0.25000	7.414089	202.439327	2.818368
653.551550	12.246211	2694.142	
0.50000	7.414089	208.348729	2.818368
664.537239	11.671075	2566.468	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	7.414089	214.692701	2.818368
675.604898	11.674839	2468.156	
1.00000	7.414089	221.283451	2.818368
690.620135	12.261490	2392.182	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.593834	-93.173005	-1.885073
-179.647840	-10.409904	-809.926350	
0.25000	-7.593834	-86.629001	-1.885073
-164.664900	-9.448062	-846.319524	
0.50000	-7.593834	-80.396535	-1.885073
-153.673993	-10.030611	-882.712699	
0.75000	-7.593834	-74.657400	-1.885073
-142.772589	-11.520287	-919.112943	
1.00000	-7.593834	-69.582038	-1.885073
-131.891736	-13.716947	-955.514701	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.748254	326.241066	4.646260
522.087140	31.335326	4140.868	
0.25000	7.748254	356.967974	4.646260
519.543064	28.079343	4026.703	
0.50000	7.748254	391.235802	4.646260
517.670936	26.659695	3889.036	
0.75000	7.748254	428.006449	4.646260
515.762757	26.432250	3729.845	
1.00000	7.748254	466.091256	4.646260
513.794681	27.369770	3543.930	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.959840	-290.410691	-3.122472
-78.183713	-10.753551	-1091.945	
0.25000	-5.959840	-252.595631	-3.122472
-78.183713	-9.906178	-1139.338	
0.50000	-5.959840	-216.474070	-3.122472
-78.183713	-10.239341	-1187.938	
0.75000	-5.959840	-183.197978	-3.122472
-79.482697	-11.468600	-1235.942	
1.00000	-5.959840	-153.774641	-3.122472
-80.883008	-13.764670	-1283.948	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.643605	344.985093	4.523733
496.367477	32.519333	4529.336	
0.25000	9.643605	370.254279	4.523733
495.809562	29.210965	4367.128	
0.50000	9.643605	398.433655	4.523733
495.260176	27.578138	4202.184	
0.75000	9.643605	428.671687	4.523733
494.841596	27.198362	4039.426	
1.00000	9.643605	459.990256	4.523733
494.841596	27.959574	3869.766	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.798638	-267.271857	-3.284360
-286.290916	-11.230312	-1201.962	
0.25000	-5.798638	-236.174543	-3.284360
-286.290916	-9.985740	-1254.855	
0.50000	-5.798638	-206.470243	-3.284360
-286.290916	-10.105791	-1307.754	
0.75000	-5.798638	-179.160143	-3.284360
-286.290916	-11.042964	-1360.656	
1.00000	-5.798638	-154.909122	-3.284360
-286.290916	-12.938676	-1413.567	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.528781	155.017115	2.362862
221.614169	19.230768	1769.434	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	1.528781	171.802591	2.362862
242.084618	17.421515	1728.890	
0.50000	1.528781	190.520487	2.362862
262.597603	16.118451	1677.146	
0.75000	1.528781	210.612926	2.362862
283.270107	15.445115	1616.238	
1.00000	1.528781	231.457764	2.362862
311.282276	15.325287	1544.826	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.865613	-162.994632	-0.880044
-193.552712	-1.396064	-418.394046	
0.25000	-6.865613	-142.295867	-0.880044
-165.630575	-1.445745	-436.127257	
0.50000	-6.865613	-122.558863	-0.880044
-145.148790	-2.407669	-453.860469	
0.75000	-6.865613	-104.381240	-0.880044
-124.845002	-3.715934	-471.599598	
1.00000	-6.865613	-88.306377	-0.880044
-104.591318	-5.203101	-489.339710	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.717685	302.008945	4.379060
172.106744	37.624693	3437.759	
0.25000	4.717685	335.560037	4.379060
172.106744	34.410904	3364.132	
0.50000	4.717685	372.974484	4.379060
172.106744	32.298022	3266.119	
0.75000	4.717685	413.122447	4.379060
172.106744	31.548379	3150.364	
1.00000	4.717685	454.705977	4.379060
172.106744	32.062399	3003.401	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.565873	-322.359585	-2.505514
-150.472282	-3.936614	-807.519856	
0.25000	-5.565873	-281.070580	-2.505514
-150.472282	-3.395250	-841.666388	
0.50000	-5.565873	-241.631255	-2.505514
-150.472282	-4.058132	-875.820723	
0.75000	-5.565873	-205.299524	-2.505514
-150.472282	-5.160138	-909.980565	
1.00000	-5.565873	-173.171699	-2.505514
-150.472282	-6.953016	-944.150468	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.273766	342.664041	4.663605
445.980312	35.138586	4260.031	
0.25000	7.273766	373.198224	4.663605
446.250057	31.584965	4140.750	
0.50000	7.273766	407.246535	4.663605
446.596400	29.766946	3998.927	
0.75000	7.273766	443.782965	4.663605
446.998816	29.221382	3849.210	
1.00000	7.273766	481.626251	4.663605
447.338205	29.964642	3678.487	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.526957	-306.399936	-2.649481
-170.975072	-5.022945	-1086.274	
0.25000	-6.526957	-268.824682	-2.649481
-170.975072	-4.412299	-1133.320	
0.50000	-6.526957	-232.933106	-2.649481
-170.975072	-5.061499	-1180.373	
0.75000	-6.526957	-199.870046	-2.649481
-170.975072	-6.639507	-1227.431	
1.00000	-6.526957	-170.631081	-2.649481
-170.975072	-8.986038	-1274.497	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.959462	344.401171	4.295563
401.020513	32.409613	4536.730	
0.25000	6.959462	370.134846	4.295563
401.020513	29.189082	4378.244	
0.50000	6.959462	398.831712	4.295563
401.020513	27.401170	4215.690	
0.75000	6.959462	429.625184	4.295563
401.020513	26.729866	4053.154	
1.00000	6.959462	461.519736	4.295563
401.020513	27.039550	3878.661	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.407402	-269.119850	-2.448631
-366.364519	-6.021309	-1198.562	
0.25000	-6.407402	-237.451199	-2.448631
-366.364519	-6.507445	-1351.247	
0.50000	-6.407402	-207.201253	-2.448631
-366.364519	-6.042041	-1303.939	
0.75000	-6.407402	-179.334828	-2.448631
-366.364519	-7.387903	-1356.633	
1.00000	-6.407402	-154.692800	-2.448631
-366.364519	-9.393970	-1409.334	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.056426	88.791337	1.659262
43.606348	6.791801	1459.280	
0.25000	1.056426	89.419973	1.659262
41.587611	6.255904	1381.870	
0.50000	1.056426	90.124034	1.659262
40.106575	5.782752	1312.013	
0.75000	1.056426	90.879159	1.659262
38.635488	5.369792	1251.412	
1.00000	1.056426	91.658650	1.659262
37.164180	5.106344	1202.122	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.042005	-20.263240	-0.600850
-357.427021	-5.120851	-448.774675	
0.25000	-2.042005	-19.489261	-0.600850
-358.901155	-5.365747	-469.892064	
0.50000	-2.042005	-18.747526	-0.600850
-360.373731	-6.048048	-491.009883	
0.75000	-2.042005	-18.063939	-0.600850
-361.854137	-7.110169	-512.127710	
1.00000	-2.042005	-17.462114	-0.600850
-363.872583	-8.555964	-533.245551	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.441924	201.053677	2.909903
207.296730	19.515493	2869.293	
0.25000	5.441924	207.780490	2.909903
188.596430	18.006176	2727.690	
0.50000	5.441924	215.309978	2.909903
174.875619	16.960790	2601.153	
0.75000	5.441924	223.386118	2.909903
161.247062	16.487998	2504.008	
1.00000	5.441924	231.726654	2.909903
147.615685	16.632359	2422.951	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.156503	-104.252966	-1.692626
-592.142009	-6.539649	-795.081674	
0.25000	-3.156503	-95.971423	-1.692626
-605.796739	-5.792715	-831.024583	
0.50000	-3.156503	-88.038407	-1.692626
-619.430298	-6.354920	-866.971693	
0.75000	-3.156503	-80.727718	-1.692626
-633.136298	-7.417880	-902.919031	
1.00000	-3.156503	-74.287605	-1.692626
-651.830397	-9.014790	-938.877557	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.438675	326.902785	4.765747
107.562305	35.760121	4140.965	
0.25000	4.438675	357.902250	4.765747
108.395264	32.826616	4027.929	
0.50000	4.438675	392.468122	4.765747
109.305996	30.819137	3891.900	
0.75000	4.438675	429.560304	4.765747
110.278250	29.524621	3734.115	
1.00000	4.438675	467.979516	4.765747
111.387198	30.134767	3548.410	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.178188	-293.608543	-2.595851
-460.372413	-6.526962	-1074.689	
0.25000	-4.178188	-255.461440	-2.595851
-459.800118	-6.430402	-1122.149	
0.50000	-4.178188	-219.023894	-2.595851
-459.556871	-7.031178	-1169.615	
0.75000	-4.178188	-185.458213	-2.595851
-459.556871	-8.431111	-1217.082	
1.00000	-4.178188	-155.773653	-2.595851
-459.556871	-10.632972	-1264.557	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.467263	344.563926	5.060525
326.319136	34.504610	4527.708	
0.25000	5.467263	369.949858	5.060525
326.319135	31.304934	4366.476	
0.50000	5.467263	398.258661	5.060525
326.319135	29.207566	4202.264	
0.75000	5.467263	428.635799	5.060525
326.319135	28.225843	4039.747	
1.00000	5.467263	460.099194	5.060525
326.319135	28.299801	3868.809	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.031520	-267.522130	-2.419452
-442.277679	-6.445840	-1196.228	
0.25000	-8.031520	-236.281581	-2.419452
-442.277679	-6.494515	-1249.055	
0.50000	-8.031520	-206.440614	-2.419452
-442.277679	-8.245041	-1301.889	
0.75000	-8.031520	-178.951015	-2.419452
-442.277679	-10.662323	-1354.725	
1.00000	-8.031520	-154.641967	-2.419452
-442.277679	-13.869958	-1407.569	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.200155	104.011094	1.231039
432.192486	3.915224	1708.718	
0.25000	9.200155	104.445664	1.231039
433.251211	3.513323	1635.537	
0.50000	9.200155	104.919540	1.231039
434.387033	4.054951	1565.582	
0.75000	9.200155	105.421712	1.231039
435.599653	5.165902	1496.994	
1.00000	9.200155	105.930976	1.231039
436.889420	6.723247	1430.335	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.144661	-18.947891	-2.349728
-30.586886	-11.446562	-594.430113	
0.25000	-3.144661	-18.484255	-2.349728
-29.392180	-9.966753	-622.236352	
0.50000	-3.144661	-18.031319	-2.349728
-28.274619	-8.827044	-650.020464	
0.75000	-3.144661	-17.606653	-2.349728
-27.233598	-8.714375	-677.829504	
1.00000	-3.144661	-17.228510	-2.349728
-26.269215	-9.159563	-705.661834	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.394583	217.289730	3.417988
696.488060	16.441634	3227.783	
0.25000	11.394583	220.962181	3.417988
704.181205	13.957295	3093.476	
0.50000	11.394583	224.966874	3.417988
712.427759	13.224004	2963.642	
0.75000	11.394583	229.210733	3.417988
721.234219	13.462407	2849.170	
1.00000	11.394583	233.514125	3.417988
730.596663	14.435616	2743.500	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.350276	-80.204946	-2.621243
-144.079229	-13.265853	-1063.829	
0.25000	-8.350276	-76.286780	-2.621243
-135.434639	-11.636769	-1111.780	
0.50000	-8.350276	-72.458961	-2.621243
-127.313736	-11.956272	-1159.811	
0.75000	-8.350276	-68.870132	-2.621243
-119.772283	-13.433020	-1207.877	
1.00000	-8.350276	-65.674409	-2.621243
-112.786484	-15.722073	-1255.910	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.282478	331.612094	4.727458
600.260640	32.155624	4581.420	
0.25000	11.282478	356.373635	4.727458
595.219934	29.134921	4464.703	
0.50000	11.282478	383.368121	4.727458
590.547719	27.966159	4315.221	
0.75000	11.282478	411.997889	4.727458
586.194182	28.137563	4139.802	
1.00000	11.282478	441.625655	4.727458
582.140729	29.441108	3936.070	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.779279	-230.936106	-3.730648
-83.568979	-14.716584	-1445.910	
0.25000	-7.779279	-204.509431	-3.730648
-87.289279	-13.226967	-1509.448	
0.50000	-7.779279	-178.687174	-3.730648
-91.290708	-13.394611	-1573.009	
0.75000	-7.779279	-154.468330	-3.730648
-95.596024	-14.737629	-1636.883	
1.00000	-7.779279	-132.929811	-3.730648
-100.211389	-17.074843	-1700.573	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.840354	353.180456	4.740864
549.951280	34.027104	4978.698	
0.25000	11.840354	373.563919	4.740864
546.491308	31.288190	4827.728	
0.50000	11.840354	395.784902	4.740864
543.256495	30.132148	4653.655	
0.75000	11.840354	419.351760	4.740864
540.232743	30.852449	4469.891	
1.00000	11.840354	443.246247	4.740864
537.421867	32.556102	4272.358	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.743295	-215.584357	-4.160933
-293.338013	-15.349802	-1574.088	
0.25000	-7.743295	-193.830316	-4.160933
-295.816681	-13.600710	-1643.252	
0.50000	-7.743295	-172.575275	-4.160933
-298.500902	-13.555587	-1712.379	
0.75000	-7.743295	-152.639352	-4.160933
-301.398214	-14.718958	-1781.797	
1.00000	-7.743295	-134.908808	-4.160933
-304.501947	-16.826925	-1851.059	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.347072	145.012103	2.815975
213.813350	18.912443	1815.850	
0.25000	2.347072	158.864503	2.815975
233.358423	16.738245	1780.234	
0.50000	2.347072	173.971529	2.815975
254.302457	15.307029	1726.725	
0.75000	2.347072	189.980163	2.815975
276.657212	14.501881	1662.016	
1.00000	2.347072	206.215160	2.815975
300.420049	14.134223	1582.266	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.918622	-128.229919	-0.780549
-167.896661	-2.768487	-540.862412	
0.25000	-5.918622	-113.449342	-0.780549
-146.083976	-3.260605	-563.722102	
0.50000	-5.918622	-99.009034	-0.780549
-125.022575	-4.613764	-585.627823	
0.75000	-5.918622	-85.464018	-0.780549
-106.539310	-6.360400	-609.687838	
1.00000	-5.918622	-73.415074	-0.780549
-88.934466	-8.331917	-632.605964	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.784355	284.441267	4.331688
167.324581	36.118776	3564.155	
0.25000	4.784355	312.138701	4.331688
167.324581	33.512521	3496.738	
0.50000	4.784355	342.322226	4.331688
167.324581	31.991570	3393.026	
0.75000	4.784355	374.336870	4.331688
167.324581	31.677870	3265.868	
1.00000	4.784355	406.796660	4.331688
167.324581	32.271916	3107.938	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.801374	-254.565662	-2.667287
-143.357383	-6.671997	-1055.201	
0.25000	-5.801374	-225.013887	-2.667287
-143.357383	-6.464964	-1099.578	
0.50000	-5.801374	-196.140174	-2.667287
-143.357383	-7.350958	-1143.939	
0.75000	-5.801374	-169.058262	-2.667287
-143.357383	-8.840047	-1188.688	
1.00000	-5.801374	-144.966604	-2.667287
-143.357383	-10.846460	-1233.190	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.876446	339.072225	4.800540
469.504083	35.196910	4599.798	
0.25000	8.876446	364.373915	4.800540
470.422426	32.155464	4482.495	
0.50000	8.876446	391.944579	4.800540
471.350252	30.323202	4332.261	
0.75000	8.876446	421.188007	4.800540
472.282022	30.117154	4163.032	
1.00000	8.876446	450.838070	4.800540
473.213490	31.039785	3969.900	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.808789	-245.553058	-3.062910
-157.526114	-9.182148	-1423.432	
0.25000	-7.808789	-218.559374	-3.062910
-157.525654	-8.601130	-1484.970	
0.50000	-7.808789	-192.185110	-3.062910
-157.525608	-9.424053	-1546.466	
0.75000	-7.808789	-167.447502	-3.062910
-157.525210	-11.243758	-1608.299	
1.00000	-7.808789	-145.437953	-3.062910
-157.525210	-13.771469	-1698.773	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.268530	350.792844	4.727087
414.948634	33.494695	4979.624	
0.25000	8.268530	372.185855	4.727087
414.948634	30.640141	4835.242	
0.50000	8.268530	395.499078	4.727087
414.948634	29.174508	4663.043	
0.75000	8.268530	420.226626	4.727087
414.948634	29.039047	4476.916	
1.00000	8.268530	445.297996	4.727087
414.948634	29.928333	4273.986	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.884467	-218.221621	-3.051604
-377.795660	-10.134651	-1568.464	
0.25000	-7.884467	-195.396351	-3.051604
-377.795660	-9.708165	-1637.311	
0.50000	-7.884467	-173.094802	-3.051604
-377.795660	-10.668482	-1706.041	
0.75000	-7.884467	-152.177211	-3.051604
-377.795660	-12.550017	-1775.042	
1.00000	-7.884467	-133.569237	-3.051604
-377.795660	-15.114535	-1867.923	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.426665	105.799113	2.103407
37.186037	7.985567	1735.112	
0.25000	1.426665	106.333330	2.103407
35.670707	6.935753	1661.678	
0.50000	1.426665	106.923195	2.103407
34.251709	6.846605	1590.228	
0.75000	1.426665	107.546217	2.103407
32.928852	7.006989	1520.960	
1.00000	1.426665	108.177733	2.103407
31.703255	7.342445	1454.422	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.226319	-20.579286	-1.003878
-406.835153	-6.866676	-588.922842	
0.25000	-3.226319	-20.003940	-1.003878
-408.149856	-7.102954	-616.613714	
0.50000	-3.226319	-19.442069	-1.003878
-409.560797	-8.252794	-644.277204	
0.75000	-3.226319	-18.914949	-1.003878
-411.069139	-9.981108	-671.937385	
1.00000	-3.226319	-18.447937	-1.003878
-412.674227	-11.985757	-699.652773	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.231298	217.799614	3.363717
166.173002	20.558621	3221.532	
0.25000	5.231298	222.639319	3.363717
154.698988	19.423646	3092.656	
0.50000	5.231298	227.979372	3.363717
143.958125	19.040804	2964.929	
0.75000	5.231298	233.619923	3.363717
133.953673	20.344576	2850.464	
1.00000	5.231298	239.337051	3.363717
124.671778	21.799861	2743.227	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.764032	-88.053947	-2.734495
-639.062128	-10.412333	-1041.711	
0.25000	-4.764032	-82.845394	-2.734495
-649.988349	-9.609024	-1088.560	
0.50000	-4.764032	-77.759003	-2.734495
-659.652454	-10.251937	-1135.308	
0.75000	-4.764032	-72.987133	-2.734495
-671.042904	-11.914121	-1191.510	
1.00000	-4.764032	-68.758806	-2.734495
-683.169510	-14.073641	-1238.704	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.905039	326.905568	4.966707
107.767345	35.390498	4507.048	
0.25000	4.905039	351.959152	4.966707
111.980349	33.092076	4395.183	
0.50000	4.905039	379.258658	4.966707
116.465626	32.111881	4248.867	
0.75000	4.905039	408.211700	4.966707
121.232512	32.306936	4076.257	
1.00000	4.905039	437.567412	4.966707
126.268552	33.350906	3875.143	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.063435	-231.966499	-3.175884
-534.100156	-11.070353	-1403.257	
0.25000	-6.063435	-205.241086	-3.175884
-530.070359	-11.072519	-1464.993	
0.50000	-6.063435	-179.129128	-3.175884
-526.300791	-12.328085	-1526.643	
0.75000	-6.063435	-154.637410	-3.175884
-522.777594	-14.455553	-1588.640	
1.00000	-6.063435	-132.842884	-3.175884
-519.542948	-17.235075	-1650.479	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.845580	352.028795	5.632795
341.428257	35.656958	4968.088	
0.25000	6.845580	372.621736	5.632795
344.265097	32.631623	4819.005	
0.50000	6.845580	395.061926	5.632795
347.265680	30.994515	4645.272	
0.75000	6.845580	418.861630	5.632795
350.481767	30.579703	4461.235	
1.00000	6.845580	442.989711	5.632795
353.859243	31.170043	4263.003	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.128559	-215.767904	-2.980340
-490.141984	-11.240808	-1578.245	
0.25000	-9.128559	-193.799581	-2.980340
-487.542504	-11.610966	-1668.550	
0.50000	-9.128559	-172.335482	-2.980340
-485.111839	-13.618083	-1738.942	
0.75000	-9.128559	-152.203154	-2.980340
-482.853320	-16.500790	-1809.582	
1.00000	-9.128559	-134.289913	-2.980340
-480.767751	-20.144266	-1880.100	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.643605	344.985093	5.060525
642.582890	37.624693	4536.730	
0.25000	9.643605	373.198224	5.060525
653.551550	34.410904	4378.244	
0.50000	9.643605	407.246535	5.060525
664.537239	32.298022	4215.690	
0.75000	9.643605	443.782965	5.060525
675.604898	31.548379	4053.154	
1.00000	9.643605	481.626251	5.060525
690.620135	32.062399	3878.661	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.031520	-322.359585	-3.284360
-592.142009	-11.553812	-1601.962	
0.25000	-8.031520	-281.070580	-3.284360
-605.796739	-9.985740	-1254.855	
0.50000	-8.031520	-241.631255	-3.284360
-619.430298	-10.239341	-1307.754	
0.75000	-8.031520	-205.299524	-3.284360
-633.136298	-11.520287	-1360.656	
1.00000	-8.031520	-173.171699	-3.284360
-651.830397	-13.869958	-1413.567	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.840354	353.180456	5.632795
696.488060	36.118776	4979.624	
0.25000	11.840354	373.563919	5.632795
704.181205	33.512521	4835.242	
0.50000	11.840354	395.784902	5.632795
712.427759	32.111881	4663.043	
0.75000	11.840354	421.188007	5.632795
721.234219	32.306936	4476.916	
1.00000	11.840354	450.838070	5.632795
730.596663	33.350906	4273.986	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.128559	-254.565662	-4.160933
-639.062128	-15.349802	-1578.245	
0.25000	-9.128559	-225.013887	-4.160933
-648.988349	-13.600710	-1668.550	
0.50000	-9.128559	-196.140174	-4.160933
-659.652454	-13.618083	-1738.942	
0.75000	-9.128559	-169.058262	-4.160933
-671.042904	-16.500790	-1809.582	
1.00000	-9.128559	-145.439745	-4.160933
-683.169510	-20.144266	-1880.100	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.840354	353.180456	5.632795
696.488060	37.624693	4979.624	
0.25000	11.840354	373.563919	5.632795
704.181205	34.410904	4835.242	
0.50000	11.840354	407.246535	5.632795
712.427759	32.298022	4663.043	
0.75000	11.840354	443.782965	5.632795
721.234219	32.306936	4476.916	
1.00000	11.840354	481.626251	5.632795
730.596663	33.350906	4273.986	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.128559	-322.359585	-4.160933
-639.062128	-15.349802	-1578.245	
0.25000	-9.128559	-281.070580	-4.160933
-648.988349	-13.600710	-1668.550	
0.50000	-9.128559	-241.631255	-4.160933
-659.652454	-13.618083	-1738.942	
0.75000	-9.128559	-205.299524	-4.160933
-671.042904	-16.500790	-1809.582	
1.00000	-9.128559	-173.171699	-4.160933
-683.169510	-20.144266	-1880.100	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.840354	353.180456	5.632795
696.488060	37.624693	4979.624	
0.25000	11.840354	373.563919	5.632795
704.181205	34.410904	4835.242	
0.50000	11.840354	407.246535	5.632795
712.427759	32.298022	4663.043	
0.75000	11.840354	443.782965	5.632795
721.234219	32.306936	4476.916	
1.00000	11.840354	481.626251	5.632795
730.596663	33.350906	4273.986	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.128559	-322.359585	-4.160933

```
-639.062128  -15.349802  -1578.245
 0.25000    -9.128559 -281.070580   -4.160933
-648.988349  -13.600710  -1668.550
 0.50000    -9.128559 -241.631255   -4.160933
-659.652454  -13.618083  -1738.942
 0.75000    -9.128559 -205.299524   -4.160933
-671.042904  -16.500790  -1809.582
 1.00000    -9.128559 -173.171699   -4.160933
-683.169510  -20.144266  -1880.100
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    953

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      63 ================== LENGTH
=    4.957948

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.902671  106.162710    0.774061
482.644215    3.547695    1162.886
 0.25000    5.902671  106.681547    0.774061
483.853769    5.970257    1058.884
 0.50000    5.902671  107.259323    0.774061
485.062110    8.426470   961.052606
 0.75000    5.902671  107.878693    0.774061
486.275627   10.894021   872.571381
 1.00000    5.902671  108.522161    0.774061
487.924503   13.377749   795.172491

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.672320   -8.897988   -2.046843
 -9.897003  -10.631459  -534.650221
 0.25000   -1.672320   -8.259383   -2.046843
 -8.249844   -9.421957  -555.379383
 0.50000   -1.672320   -7.652491   -2.046843
 -7.045487   -8.581246  -576.108545
 0.75000   -1.672320   -7.095292   -2.046843
 -5.854657   -8.280572  -596.837706
 1.00000   -1.672320   -6.604278   -2.046843
 -4.669554   -8.331146  -617.566868

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.389920  232.597981    4.068148
790.406589   11.216712   2390.322
 0.25000    7.389920  237.798505    4.068148
801.322085   11.388546   2192.052
 0.50000    7.389920  243.589849    4.068148
812.228604   11.728916   2013.482
 0.75000    7.389920  249.797853    4.068148
823.182316   12.571242   1866.378
 1.00000    7.389920  256.245193    4.068148
838.063093   14.686875   1746.359

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.521775   -71.052849   -2.094433
-119.148405  -14.872924  -1955.611528
 0.25000   -7.521775   -64.654427   -2.094433
-104.285796  -17.335440   -991.917817
 0.50000   -7.521775   -58.571622   -2.094433
 -93.421088   -20.512644   -1028.224
 0.75000   -7.521775   -52.986703   -2.094433
 -82.679663   -24.318074   -1064.530
 1.00000   -7.521775   -48.065241   -2.094433
 -71.991241   -28.658395   -1100.837

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.918354  373.829439    5.961098
649.399143   25.642534   3542.461
 0.25000    7.918354  403.966423    5.961098
646.563893   24.001540   3358.344
 0.50000    7.918354  437.533080    5.961098
644.455530   23.211342   3153.991
 0.75000    7.918354  473.500392    5.961098
642.904942   23.006293   2932.701
 1.00000    7.918354  510.736528    5.961098
640.974980   25.691069   2691.452

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.196614  -257.049339   -2.907089
-33.496617  -16.138592   -1284.034
 0.25000   -6.196614  -220.105801   -2.907089
-33.496617  -17.842515   -1332.014
 0.50000   -6.196614  -184.870928   -2.907089
-33.496617  -20.257328   -1379.993
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    954

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000   -6.196614  -152.510067   -2.907089
-33.496617  -23.678209   -1427.972
 1.00000   -6.196614  -124.000076   -2.907089
-33.496617  -27.995310   -1475.951

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.709367  397.509092    5.734881
573.862077   25.907393   3869.176
 0.25000    9.709367  422.293323    5.734881
573.186819   24.960672   3628.821
 0.50000    9.709367  449.896304    5.734881
572.771301   25.128444   3389.337
 0.75000    9.709367  479.473913    5.734881
572.771301   27.078147   3158.573
 1.00000    9.709367  510.095381    5.734881
572.771301   30.596998   2927.333

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.019026  -230.741135   -3.970695
-292.056055  -14.668483   -1413.603
 0.25000   -6.019026  -200.360214   -3.970695
-292.056055  -16.263083   -1466.472
 0.50000   -6.019026  -171.384600   -3.970695
-292.056055  -18.545479   -1519.341
 0.75000   -6.019026  -144.773274   -3.970695
-292.056055  -21.663802   -1572.210
 1.00000   -6.019026  -121.326804   -3.970695
-292.056055  -25.590692   -1625.079

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.756677  172.949427    3.875159
253.166701   14.467230   1544.283
 0.25000    1.756677  189.410288    3.875159
273.479642   11.223153   1477.532
 0.50000    1.756677  207.758418    3.875159
293.780570    8.359754   1401.462
 0.75000    1.756677  227.415233    3.875159
314.187194    6.161305   1320.510
 1.00000    1.756677  247.803798    3.875159
341.875109    5.211348   1228.479

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.696810 -148.622517   -0.165648
-166.128140   -5.761876 -489.355321
 0.25000   -6.696810 -128.309864   -0.165648
-138.512619   -8.648585 -507.239499
 0.50000   -6.696810 -109.132008   -0.165648
-118.357180  -12.696539 -525.123678
 0.75000   -6.696810  -91.447439   -0.165648
 -98.446870  -16.745053 -543.007857
 1.00000   -6.696810  -75.864594   -0.165648
 -78.652428  -20.795291 -560.892035

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.017483  336.631335    6.052599
181.682379   30.350066   3003.416
 0.25000    5.017483  369.538596    6.052599
181.682379   25.986914   2879.080
 0.50000    5.017483  406.187821    6.052599
181.682379   22.912450   2734.231
 0.75000    5.017483  445.458987    6.052599
181.682379   21.891330   2576.172
 1.00000    5.017483  486.116279    6.052599
181.682379   23.065394   2393.534

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.789139 -294.676561   -2.430120
-152.544090   -8.156411 -944.154622
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    955

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -5.789139 -254.338626   -2.430120
-152.544090  -11.232072 -978.491525
 0.50000   -5.789139 -215.866968   -2.430120
-152.544090  -14.610377   -1012.828
 0.75000   -5.789139 -180.534085   -2.430120
-152.544090  -18.438919   -1047.165
 1.00000   -5.789139 -149.402945   -2.430120
-152.544090  -22.802876   -1081.502

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.456987  389.781792    6.898938
527.259283   28.706552   3677.605
 0.25000    7.456987  419.730226    6.898938
527.260082   25.003312   3478.943
 0.50000    7.456987  453.082365    6.898938
527.329960   23.258280   3271.213
 0.75000    7.456987  488.821067    6.898938
527.463377   23.487435   3061.953
 1.00000    7.456987  525.821666    6.898938
527.499505   25.527264   2838.800

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.641386 -270.717441   -3.002287
-139.280651  -10.217315   -1274.549
 0.25000   -6.641386 -234.007401   -3.002287
-139.280651  -14.523166   -1321.707
 0.50000   -6.641386 -198.996163   -3.002287
-139.280651  -19.419282   -1368.865
 0.75000   -6.641386 -166.841830   -3.002287
-139.280651  -24.525108   -1416.024
 1.00000   -6.641386 -138.509558   -3.002287
-139.280651  -30.219942   -1463.182

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.097490  397.023273    6.260343
439.662925   25.053171   3878.697
 0.25000    7.097490  422.263129    6.260343
439.662925   21.683835   3640.842
 0.50000    7.097490  450.373070    6.260343
439.662925   20.854350   3403.384
 0.75000    7.097490  480.494040    6.260343
439.662925   21.684976   3173.287
 1.00000    7.097490  511.678167    6.260343
439.662925   24.015796   2938.241

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.499962 -230.531103   -3.037980
-394.767731  -10.282999   -1409.322
 0.25000   -6.499962 -199.591223   -3.037980
-394.767731  -13.952448   -1462.073
 0.50000   -6.499962 -170.084175   -3.037980
-394.767731  -18.115216   -1514.823
 0.75000   -6.499962 -142.983868   -3.037980
-394.767731  -22.630105   -1567.574
 1.00000   -6.499962 -119.106296   -3.037980
-394.767731  -27.560635   -1620.325

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.173648  109.383790    1.390261
11.864564    3.818252   1203.386
 0.25000    1.173648  109.999998    1.390261
 9.845895    2.655209   1096.100
 0.50000    1.173648  110.689287    1.390261
 8.363787    2.398379   995.987436
 0.75000    1.173648  111.427581    1.390261
 6.895640    3.038660   906.191698
 1.00000    1.173648  112.189260    1.390261
 5.431532    3.754113   829.022542
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    956

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.967600   -9.575375   -0.624355
-452.002909   -9.508174 -533.143372
 0.25000   -1.967600   -8.819906   -0.624355
-453.481637   -9.631947 -554.223341
 0.50000   -1.967600   -8.096809   -0.624355
-454.954131  -10.011570 -575.303309
 0.75000   -1.967600   -7.432478   -0.624355
-456.431778  -10.730722 -596.383278
 1.00000   -1.967600   -6.850019   -0.624355
-458.446017  -11.691758 -617.463247

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.466686  236.461916    2.594021
142.474775   14.496382   2424.821
 0.25000    5.466686  243.056264    2.594021
123.763957   12.690367   2231.165
 0.50000    5.466686  250.428325    2.594021
110.024053   12.975992   2055.293
 0.75000    5.466686  258.324934    2.594021
 96.405995   15.224431   1907.604
 1.00000    5.466686  266.475544    2.594021
 82.828942   18.432299   1783.507

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.196619  -81.151306   -3.020782
-719.847486  -10.245502 -938.753850
 0.25000   -3.196619  -73.066827   -3.020782
-733.550592  -10.773093 -974.671859
 0.50000   -3.196619  -65.332434   -3.020782
-747.196347  -11.594270  -1010.590
 0.75000   -3.196619  -58.227095   -3.020782
-760.881475  -12.836229  -1046.508
 1.00000   -3.196619  -51.993202   -3.020782
-779.545947  -14.470953  -1082.426

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.762231  374.277277    5.082444
 62.570669   27.460170   3549.872
 0.25000    4.762231  404.682198    5.082444
 63.138601   23.267260   3366.789
 0.50000    4.762231  438.541456    5.082444
 63.781231   21.394609   3163.854
 0.75000    4.762231  474.823912    5.082444
 64.476096   21.629574   2944.264
 1.00000    4.762231  512.387780    5.082444
 65.265026   23.118883   2704.161

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.280848  -259.497600   -2.598818
-568.526668  -12.857726   -1264.453
 0.25000   -4.280848  -222.228722   -2.598818
-568.526668  -13.967745   -1311.996
 0.50000   -4.280848  -186.684711   -2.598818
-568.526668  -15.502240   -1359.539
 0.75000   -4.280848  -154.041392   -2.598818
-568.526668  -17.704642   -1407.081
 1.00000   -4.280848  -125.277086   -2.598818
-568.526668  -20.627108   -1454.624

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.767222  397.143373    6.764343
339.544346   26.181188   3869.394
 0.25000    5.767222  422.042188    6.764343
339.544345   22.011346   3629.739
 0.50000    5.767222  449.772034    6.764343
339.544345   19.812242   3390.474
 0.75000    5.767222  479.485791    6.764343
339.544345   19.735554   3159.607
 1.00000    5.767222  510.248402    6.764343
339.544345   21.455941   2927.375
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    957

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.069798  -230.000960   -2.537777
-500.494532   -15.510099   -1407.513
 0.25000   -8.069798  -199.479974   -2.537777
-500.494532   -19.618432   -1460.450
 0.50000   -8.069798  -170.371130   -2.537777
-500.494532   -24.076436   -1513.387
 0.75000   -8.069798  -143.637248   -2.537777
-500.494532   -29.085225   -1566.324
 1.00000   -8.069798  -120.092271   -2.537777
-500.494532   -34.684371   -1619.261

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.005097  134.633922    0.876643
573.499561    7.193461   1428.501
 0.25000    9.005097  135.073705    0.876643
574.582663   10.785138   1313.996
 0.50000    9.005097  135.553207    0.876643
575.738783   14.567135   1200.553
 0.75000    9.005097  136.059270    0.876643
576.967978   18.513229   1094.384
 1.00000    9.005097  136.572499    0.876643
578.271455   22.638510   982.551159

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.300763  -10.343660   -3.709873
 -9.574303  -11.734139  -705.630475
 0.25000   -3.300763   -9.896669   -3.709873
 -8.405650  -10.663102  -732.986538
 0.50000   -3.300763   -9.461022   -3.709873
 -7.315894  -10.012260  -760.342486
 0.75000   -3.300763   -9.053821   -3.709873
 -6.306430  -10.156240  -787.826756
 1.00000   -3.300763   -8.692427   -3.709873
 -5.374266  -10.654241  -815.249879

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.439562  269.994591    5.423144
894.379268   14.852072   2740.839
 0.25000   11.439562  273.727443    5.423144
902.243507   16.317496   2532.070
 0.50000   11.439562  277.779224    5.423144
910.639569   18.404665   2327.220
 0.75000   11.439562  282.055629    5.423144
919.568497   20.948124   2139.049
 1.00000   11.439562  286.392447    5.423144
929.028932   24.360720   1960.438

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.396011  -61.367614   -3.631637
 -97.706156  -19.283909   -1255.851
 0.25000   -8.396011  -57.582422   -3.631637
 -89.243850  -22.752603   -1303.679
 0.50000   -8.396011  -53.908598   -3.631637
 -81.349179  -27.022160   -1351.578
 0.75000   -8.396011  -50.467466   -3.631637
 -74.035259  -32.115325   -1399.436
 1.00000   -8.396011  -47.413329   -3.631637
 -67.290584  -37.845479   -1447.321

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.484640  401.225894    6.920912
769.631048   28.789494   3933.900
 0.25000   11.484640  426.263960    6.920912
764.454589   29.133543   3717.374
 0.50000   11.484640  453.688668    6.920912
759.613240   30.376064   3468.783
 0.75000   11.484640  482.524114    6.920912
755.100249   32.682328   3195.751
 1.00000   11.484640  511.751893    6.920912
750.905141   36.242622   2895.423
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    958

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.018800  -202.469106   -4.435044
-46.411026  -21.017407   -1700.537
 0.25000   -8.018800 -177.004008   -4.435044
 -50.156078  -24.338941   -1764.533
 0.50000   -8.018800 -152.121333   -4.435044
 -54.213993  -28.469320   -1828.728
 0.75000   -8.018800 -128.947037   -4.435044
 -58.575861  -33.601354   -1892.947
 1.00000   -8.018800 -108.364940   -4.435044
 -63.245966  -39.669316   -1957.126

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.976303  429.183161    6.786017
668.855939   30.195415   4271.416
 0.25000   11.976303  449.793906    6.786017
665.229868   31.610596   4011.826
 0.50000   11.976303  472.368925    6.786017
661.837508   34.135693   3728.601
 0.75000   11.976303  496.105234    6.786017
658.673277   38.028282   3437.608
 1.00000   11.976303  520.164514    6.786017
655.729351   43.226400   3133.689

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.008889 -184.791429   -5.619693
-316.801459  -19.260145   -1851.057
 0.25000   -8.008889 -163.829590   -5.619693
-310.309705  -22.411689   -1920.258
 0.50000   -8.008889 -143.347181   -5.619693
-322.025068  -26.364692   -1989.610
 0.75000   -8.008889 -124.271075   -5.619693
-324.957577  -31.429679   -2059.029
 1.00000   -8.008889 -107.327741   -5.619693
-328.107218  -37.356397   -2128.405

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.679839  170.040244    5.285294
255.122473   13.785660   1581.675
 0.25000    2.679839  184.118025    5.285294
275.102408   11.210209   1509.789
 0.50000    2.679839  199.400138    5.285294
296.432938    9.057468   1420.068
 0.75000    2.679839  215.531636    5.285294
319.102265    7.510011   1320.185
 1.00000    2.679839  231.886432    5.285294
343.107983    6.778539   1205.539

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.846502 -116.332420   -0.284767
-148.590255   -9.274040 -632.585699
 0.25000   -5.846502 -102.083789   -0.284767
-127.271510  -13.515907  -656.141575
 0.50000   -5.846502  -88.170301   -0.284767
-107.401927  -18.473575  -679.753147
 0.75000   -5.846502  -75.215260   -0.284767
 -88.987322  -23.747278  -703.405030
 1.00000   -5.846502  -63.693946   -0.284767
 -72.023574  -29.403366  -727.007763

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.182466  333.171866    6.937892
188.020869   30.398399   3107.953
 0.25000    5.182466  361.177223    6.937892
188.020869   28.119559   2969.763
 0.50000    5.182466  391.849281    6.937892
188.020869   26.824468   2795.386
 0.75000    5.182466  424.090884    6.937892
188.020869   26.849361   2599.652
 1.00000    5.182466  456.775429    6.937892
188.020869   28.410909   2373.729
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                    959

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.023755 -231.372874   -2.774264
-154.192022  -10.016219   -1233.206
 0.25000   -6.023755 -202.897002   -2.774264
-154.192022  -16.322396   -1278.552
 0.50000   -6.023755 -175.072431   -2.774264
-154.192022  -21.054666   -1324.053
 0.75000   -6.023755 -149.158473   -2.774264
-154.192022  -26.358634   -1369.663
 1.00000   -6.023755 -126.135744   -2.774264
-154.192022  -32.454447   -1415.177

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.159976  406.434720    7.675362
585.365278   30.016751   3968.587
 0.25000    9.159976  432.017695    7.675362
586.168408   28.913049   3754.928
 0.50000    9.159976  460.034948    7.675362
586.975704   29.050629   3507.421
 0.75000    9.159976  489.485923    7.675362
587.788062   30.485855   3218.302
 1.00000    9.159976  519.341532    7.675362
588.573234   33.173952   2955.340

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.962810 -216.168693   -3.583221
-142.166980  -16.400941   -1698.780
 0.25000   -7.962810 -190.157705   -3.583221
-142.165353  -21.892286   -1761.599
 0.50000   -7.962810 -164.741645   -3.583221
-142.165353  -27.858172   -1824.117
 0.75000   -7.962810 -141.070871   -3.583221
-142.165412  -34.341721   -1933.922
 1.00000   -7.962810 -120.039388   -3.583221
-142.165194  -41.525612   -1998.611

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.505573  426.334242    7.305316
487.442942   27.109452   4274.025
 0.25000    8.505573  447.965087    7.305316
487.442942   26.435949   4022.425
 0.50000    8.505573  471.656545    7.305316
487.442942   27.222331   3741.571
 0.75000    8.505573  496.558491    7.305316
487.442942   29.326118   3447.918
 1.00000    8.505573  521.803459    7.305316
487.442942   32.619907   3139.044

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.012104 -186.723628   -3.837128
-436.591458  -16.360246   -1867.945
 0.25000   -8.012104 -164.729366   -3.837128
-436.591458  -21.357578   -1937.456
 0.50000   -8.012104 -143.238157   -3.837128
-436.591458  -26.902862   -2044.150
 0.75000   -8.012104 -123.222671   -3.837128
-436.591458  -33.130012   -2115.335
 1.00000   -8.012104 -105.440321   -3.837128
-436.591458  -40.060801   -2186.392

 COMB DL-G3-1 ------------------- MAX
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.552837  136.739643    2.311353
10.534908    4.493283    1456.296
 0.25000    1.552837  137.282147    2.311353
 9.039732    4.189705    1339.883
 0.50000    1.552837  137.878521    2.311353
 7.644946    4.344512    1225.276
 0.75000    1.552837  138.505856    2.311353
 6.349742    5.048116    1113.175
 1.00000    1.552837  139.141636    2.311353
 5.153951    6.117790    1004.279
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          960

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.193174  -11.017225   -1.139181
-536.190005  -10.997970  -699.659136
 0.25000   -3.193174  -10.463129   -1.139181
-537.532277  -12.058248  -727.089858
 0.50000   -3.193174   -9.921805   -1.139181
-538.968098  -13.478808  -754.563051
 0.75000   -3.193174   -9.417445   -1.139181
-540.497432  -15.328470  -782.217056
 1.00000   -3.193174   -8.972000   -1.139181
-542.119886  -17.765230  -810.225951

 COMB DL-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.343315  269.827228    3.771112
113.773891   17.219885   2745.850
 0.25000    5.343315  274.741694    3.771112
102.444968   18.062402   2542.530
 0.50000    5.343315  280.141255    3.771112
 91.878687   20.015951   2341.232
 0.75000    5.343315  285.820912    3.771112
 82.069115   23.167105   2153.379
 1.00000    5.343315  291.576539    3.771112
 73.012182   27.437041   1974.020

 COMB DL-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.915466  -68.845081   -4.047106
-809.119313  -12.804365  -1238.748
 0.25000   -4.915466  -63.828839   -4.047106
-819.264436  -14.374384  -1285.712
 0.50000   -4.915466  -58.928179   -4.047106
-830.105297  -16.438868  -1332.646
 0.75000   -4.915466  -54.362298   -4.047106
-841.653085  -19.118050  -1379.671
 1.00000   -4.915466  -50.326253   -4.047106
-853.919583  -22.543529  -1426.620

 COMB DL-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.273130  395.129119    6.478516
 76.355207   28.691309   3677.299
 0.25000    5.273130  420.464398    6.478516
 80.696244   26.996925   3666.977
 0.50000    5.273130  448.205122    6.478516
 85.287249   26.701083   3423.926
 0.75000    5.273130  477.363490    6.478516
 90.121645   28.004098   3155.255
 1.00000    5.273130  506.923580    6.478516
 95.197936   30.758290   2859.444

 COMB DL-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.166094  -203.623664   -3.538632
-676.990725  -17.025066   -1650.515
 0.25000   -6.166094  -177.870921   -3.538632
-673.306473  -19.905408   -1712.674
 0.50000   -6.166094  -152.707214   -3.538632
-669.890296  -23.437338   -1775.036
 0.75000   -6.166094  -129.271664   -3.538632
-666.741307  -27.832724   -1837.436
 1.00000   -6.166094  -108.443264   -3.538632
-663.864801  -33.320752   -1899.712

 COMB DL-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.225469  427.993378    8.500199
381.922455   27.662285   4263.889
 0.25000    7.225469  448.817765    8.500199
384.848889   26.011614   4005.847
 0.50000    7.225469  471.620487    8.500199
387.942823   25.685190   3793.509
 0.75000    7.225469  495.588512    8.500199
391.191871   26.843046   3431.881
 1.00000    7.225469  519.886716    8.500199
394.588016   29.536301   3127.277
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          961

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.128212  -184.633484   -3.406306
-586.193023  -20.883263   -1880.117
 0.25000   -9.128212  -163.464746   -3.406306
-583.866969  -26.751778   -1950.694
 0.50000   -9.128212  -142.780192   -3.406306
-581.708588  -33.295915   -2023.192
 0.75000   -9.128212  -123.516144   -3.406306
-579.726431  -40.627720   -2094.091
 1.00000   -9.128212  -106.396299   -3.406306
-577.921228  -48.965492   -2179.415

 COMB      DB ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.709367  397.509092    6.898938
790.406589   30.350066   3878.697
 0.25000    9.709367  422.293323    6.898938
801.322085   25.986914   3640.842
 0.50000    9.709367  453.082365    6.898938
812.228604   25.226444   3403.384
 0.75000    9.709367  488.821067    6.898938
823.182316   27.078147   3173.287
 1.00000    9.709367  525.821666    6.898938
838.063093   30.596998   2938.241

 COMB      DB ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.069798  -294.676561   -3.970695
-719.847486  -16.138592   -1413.603
 0.25000   -8.069798  -254.338626   -3.970695
-733.550592  -19.618432   -1466.472
 0.50000   -8.069798  -215.866968   -3.970695
-747.196347  -24.078436   -1523.341
 0.75000   -8.069798  -180.534085   -3.970695
-760.881475  -29.085225   -1572.210
 1.00000   -8.069798  -149.402945   -3.970695
-779.545947  -34.684371   -1625.079

 COMB      DL ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.976303  429.183161    8.500199
894.379268   30.398399   4274.025
 0.25000   11.976303  449.793906    8.500199
902.243507   31.610596   4022.425
 0.50000   11.976303  472.368925    8.500199
910.639569   34.135693   3741.571
 0.75000   11.976303  496.558491    8.500199
919.568497   38.028282   3447.918
 1.00000   11.976303  521.803459    8.500199
929.028932   43.226400   3139.044

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.128212  -231.372874   -5.619693
-809.119313  -21.017407   -1880.117
 0.25000   -9.128212  -202.897002   -5.619693
-819.264436  -26.751778   -1950.694
 0.50000   -9.128212  -175.072431   -5.619693
-830.105297  -33.295915   -2044.150
 0.75000   -9.128212  -149.158473   -5.619693
-841.653085  -40.627720   -2115.335
 1.00000   -9.128212  -126.135744   -5.619693
-853.919583  -48.965492   -2186.392

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.976303  429.183161    8.500199
894.379268   30.398399   4274.025
 0.25000   11.976303  449.793906    8.500199
902.243507   31.610596   4022.425
 0.50000   11.976303  472.368925    8.500199
910.639569   34.135693   3741.571
 0.75000   11.976303  496.558491    8.500199
919.568497   38.028282   3447.918
 1.00000   11.976303  525.821666    8.500199
929.028932   43.226400   3139.044

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.128212  -294.676561   -5.619693
-809.119313  -21.017407   -1880.117
 0.25000   -9.128212  -254.338626   -5.619693
-819.264436  -26.751778   -1950.694
 0.50000   -9.128212  -215.866968   -5.619693
-830.105297  -33.295915   -2044.150
 0.75000   -9.128212  -180.534085   -5.619693
-841.653085  -40.627720   -2115.335
 1.00000   -9.128212  -149.402945   -5.619693
-853.919583  -48.965492   -2186.392

 COMB    DESIGN ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.976303  429.183161    8.500199
894.379268   30.398399   4274.025
 0.25000   11.976303  449.793906    8.500199
902.243507   31.610596   4022.425
 0.50000   11.976303  472.368925    8.500199
910.639569   34.135693   3741.571
 0.75000   11.976303  496.558491    8.500199
919.568497   38.028282   3447.918
 1.00000   11.976303  525.821666    8.500199
929.028932   43.226400   3139.044

 COMB    DESIGN ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.128212  -294.676561   -5.619693
-809.119313  -21.017407   -1880.117
 0.25000   -9.128212  -254.338626   -5.619693
-819.264436  -26.751778   -1950.694
 0.50000   -9.128212  -215.866968   -5.619693
-830.105297  -33.295915   -2044.150
 0.75000   -9.128212  -180.534085   -5.619693
-841.653085  -40.627720   -2115.335
 1.00000   -9.128212  -149.402945   -5.619693
-853.919583  -48.965492   -2186.392

 ELEM      64 ================== LENGTH
=    4.957564

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.745588  122.582840    0.261227
540.810807   13.604223   793.412334
 0.25000    5.745588  123.098059    0.261227
542.007966   16.220166   671.032477
 0.50000    5.745588  123.670362    0.261227
543.240513   18.741425   562.284467
 0.75000    5.745588  124.282471    0.261227
544.402789   21.458814   453.689143
 1.00000    5.745588  124.916520    0.261227
546.036657   24.078139   365.723404

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.741425   -8.476116   -2.113421
-76.712483   -9.577885  -617.410416
 0.25000   -1.741425   -7.849434   -2.113421
-75.081531   -7.859827  -634.581032
 0.50000   -1.741425   -7.254536   -2.113421
-73.888421   -6.401559  -651.756544
 0.75000   -1.741425   -6.709011   -2.113421
-72.712177   -5.375861  -669.013668
 1.00000   -1.741425   -6.228821   -2.113421
-71.544852   -5.441213  -686.385085

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.369787  265.855199    2.985281
874.133619   15.168301   1743.711
 0.25000    7.369787  271.019507    2.985281
884.932452   17.674800   1507.203
 0.50000    7.369787  276.756052    2.985281
895.709676   20.235455   1293.293
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          963

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    7.369787  282.891333    2.985281
906.532972   22.798670   1116.138
 1.00000    7.369787  289.244132    2.985281
921.269315   25.366651   969.075173

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.450227   -59.578140   -2.092993
-187.195726  -29.921068   -1100.600
 0.25000   -7.450227   -53.299058   -2.092993
-172.489955  -31.605176   -1136.185
 0.50000   -7.450227   -47.336544   -2.092993
-161.737971  -33.644765   -1171.866
 0.75000   -7.450227   -41.868752   -2.092993
-151.138973  -36.120498   -1207.643
 1.00000   -7.450227   -37.054034   -2.092993
-140.620877  -38.927294   -1243.507

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.089405  422.565627    5.334452
720.614449   25.123783   2689.262
 0.25000    8.089405  452.495700    5.334452
718.598625   24.669009   2449.437
 0.50000    8.089405  485.747790    5.334452
716.672865   25.164392   2193.321
 0.75000    8.089405  521.296544    5.334452
714.776288   26.648016   1926.487
 1.00000    8.089405  557.977931    5.334452
714.510008   28.719196   1644.833

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.434807  -229.325357   -2.270249
-101.966075  -31.189408   -1475.768
 0.25000   -6.434807  -193.064929   -2.270249
-101.966075  -32.872517   -1527.326
 0.50000   -6.434807  -158.531112   -2.270249
-101.966075  -35.152481   -1579.191
 0.75000   -6.434807  -126.855166   -2.270249
-101.966075  -38.212302   -1631.220
 1.00000   -6.434807   -98.892378   -2.270249
-101.966075  -42.043082   -1683.324

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.777263  450.895270    5.156200
643.211155   30.043547   2926.412
 0.25000    9.777263  475.509414    5.156200
642.833654   31.150921   2624.387
 0.50000    9.777263  502.853680    5.156200
642.833654   33.036225   2327.870
 0.75000    9.777263  532.087089    5.156200
642.833654   35.706283   2046.972
 1.00000    9.777263  562.252402    5.156200
642.833654   38.889960   1770.383

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.243669  -200.498523   -3.069377
-373.609689  -29.115135   -1625.013
 0.25000   -6.243669  -170.679392   -3.069377
-373.609689  -31.049502   -1681.703
 0.50000   -6.243669  -142.280446   -3.069377
-373.609689  -33.506568   -1738.675
 0.75000   -6.243669  -116.232092   -3.069377
-373.609689  -36.635146   -1795.800
 1.00000   -6.243669   -93.236878   -3.069377
-373.609689  -40.422828   -1852.992

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.984197  193.795869    3.738853
272.290752   4.862296   1227.758
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          964

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    1.984197  210.150527    3.738853
292.289732   2.989880   1136.802
 0.50000    1.984197  228.317984    3.738853
312.263556   3.105808   1038.166
 0.75000    1.984197  247.745150    3.738853
332.327445   3.221856   937.179382
 1.00000    1.984197  267.832818    3.738853
359.628526   3.338581   825.567157

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.531655  -130.021282   -0.112064
-153.649326  -20.595811  -560.839555
 0.25000   -6.531655  -110.165665   -0.112064
-126.464251  -23.946192  -571.875490
 0.50000   -6.531655   -91.285599   -0.112064
-106.665713  -27.300161  -605.704834
 0.75000   -6.531655   -73.976279   -0.112064
-87.162324   -30.669643  -628.277199
 1.00000   -6.531655   -58.710694   -0.112064
-67.813029   -34.044938  -650.849568

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.319556  377.036143    6.017311
189.779506   22.013689   2393.506
 0.25000    5.319556  409.715257    6.017311
189.779506   20.202643   2222.425
 0.50000    5.319556  446.023305    6.017311
189.779506   19.421033   2034.031
 0.75000    5.319556  484.837466    6.017311
189.779506   19.668612   1837.269
 1.00000    5.319556  524.889120    6.017311
189.779506   20.609107   1616.968

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.038531  -258.490169   -1.419116
-157.688431  -25.531605   -1921.521
 0.25000   -6.038531  -218.898153   -1.419116
-157.688431  -28.832249   -1124.401
 0.50000   -6.038531  -181.191876   -1.419116
-157.688431  -32.428548   -1167.659
 0.75000   -6.038531  -146.606712   -1.419116
-157.688431  -36.489496   -1211.036
 1.00000   -6.038531  -116.075173   -1.419116
-157.688431  -41.116887   -1254.417

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.639309  440.154487    6.529078
575.509169   24.758311   2837.456
 0.25000    7.639309  469.897493    6.529078
575.509167   23.987466   2580.420
 0.50000    7.639309  502.936981    6.529078
575.509167   24.141306   2318.528
 0.75000    7.639309  538.259786    6.529078
575.509167   25.207682   2061.655
 1.00000    7.639309  574.709267    6.529078
575.509167   26.935357   1793.605

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.835048  -236.661147   -1.997273
-195.291618  -32.814690   -1463.079
 0.25000   -6.835048  -200.629965   -1.997273
-195.291618  -37.116610   -1516.917
 0.50000   -6.835048  -166.315219   -1.997273
-195.291618  -41.695417   -1571.092
 0.75000   -6.835048  -134.841281   -1.997273
-195.291618  -46.698691   -1625.394
 1.00000   -6.835048  -107.055968   -1.997273
-195.291618  -52.218866   -1679.713
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          965

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.235194  450.502745    5.876940
509.909751   23.461533   2938.282
 0.25000    7.235194  475.569407    5.876940
509.909751   23.329693   2638.047
 0.50000    7.235194  503.415872    5.876940
509.909751   23.997237   2342.714
 0.75000    7.235194  533.186318    5.876940
509.909751   25.465981   2062.217
 1.00000    7.235194  563.905922    5.876940
509.909751   27.471910   1780.482

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.612833  -200.444264   -2.136660
-472.123634  -30.867431   -1620.330
 0.25000   -6.612833  -170.077203   -2.136660
-472.123634  -33.905501   -1677.552
 0.50000   -6.612833  -141.156504   -2.136660
-472.123634  -38.133312   -1735.051
 0.75000   -6.612833  -114.629696   -2.136660
-472.123634  -42.876311   -1792.659
 1.00000   -6.612833   -91.217027   -2.136660
-472.123634  -48.049560   -1850.300

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.290844  126.145205    0.808405
 59.583981   2.250067  830.883600
 0.25000    1.290844  126.757051    0.808405
 57.559633   2.851549  794.002944
 0.50000    1.290844  127.439948    0.808405
 56.064446   3.485032  586.126623
 0.75000    1.290844  128.197183    0.808405
 54.588023   4.140376  481.205098
 1.00000    1.290844  128.919848    0.808405
 53.121615   4.812984  391.792067

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.888697   -9.061272   -1.148393
-504.888173  -12.994461  -617.596292
 0.25000   -1.888697   -8.319638   -1.148393
-506.367434  -11.954285  -635.152832
 0.50000   -1.888697   -7.611014   -1.148393
-507.841281  -11.143178  -652.712850
 0.75000   -1.888697   -6.960890   -1.148393
-509.320226  -10.665534  -670.276657
 1.00000   -1.888697   -6.389583   -1.148393
-511.337320  -10.471590  -687.888318

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.493326  269.738262    2.303512
187.975576   16.545109   1786.215
 0.25000    5.493326  276.286121    2.303512
169.194636   19.320384   1553.405
 0.50000    5.493326  283.589713    2.303512
155.313425   22.209673   1341.728
 0.75000    5.493326  291.395015    2.303512
141.604577   25.254188   1163.327
 1.00000    5.493326  299.422378    2.303512
127.987907   28.392773   1010.932

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.231396  -68.982302   -2.851224
-792.380927  -17.200924   -1082.644
 0.25000   -3.231396  -61.146070   -2.851224
-806.098783  -16.618675   -1117.817
 0.50000   -3.231396  -53.466435   -2.851224
-819.765878  -16.192949   -1153.077
 0.75000   -3.231396  -46.512760   -2.851224
-833.479467  -16.029094   -1188.397
 1.00000   -3.231396  -40.398831   -2.851224
-852.185381  -16.250523   -1223.773
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                 MOVING                LOAD                >
                                          966

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.088858  422.750310    5.138616
113.113100   20.399357   2706.272
 0.25000    5.088858  452.946723    5.138616
113.296281   19.065662   2466.895
 0.50000    5.088858  486.488552    5.138616
113.313400   18.775245   2211.583
 0.75000    5.088858  522.348782    5.138616
113.725528   19.554784   1946.490
 1.00000    5.088858  559.353175    5.138616
113.989222   21.016008   1664.942

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.495340  -231.436670   -2.054151
-631.545480  -24.585798   -1454.806
 0.25000   -4.495340  -194.856946   -2.054151
-631.545480  -25.145719   -1505.870
 0.50000   -4.495340  -160.019993   -2.054151
-631.545480  -26.063278   -1557.250
 0.75000   -4.495340  -128.067375   -2.054151
-631.545480  -27.540557   -1608.731
 1.00000   -4.495340   -99.859246   -2.054151
-631.545480  -29.779940   -1660.262

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.065856  450.454394    6.250859
411.293101   19.527154   2928.268
 0.25000    6.065856  475.182166    6.250859
411.293101   18.831572   2626.330
 0.50000    6.065856  502.652292    6.250859
411.293101   19.016470   2329.741
 0.75000    6.065856  532.020265    6.250859
411.293101   20.092175   2048.398
 1.00000    6.065856  562.324638    6.250859
411.293101   21.709430   1769.978

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.134422  -200.423127   -2.019337
-573.260278  -37.885427   -1619.324
 0.25000   -8.134422  -170.466531   -2.019337
-573.260278  -40.824191   -1676.053
 0.50000   -8.134422  -141.936791   -2.019337
-573.260278  -44.071494   -1733.064
 0.75000   -8.134422  -115.766647   -2.019337
-573.260278  -47.782794   -1790.165
 1.00000   -8.134422   -92.667541   -2.019337
-573.260278  -52.119330   -1847.316

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.814200  160.219947    0.433756
688.309491   23.352024   979.830721
 0.25000    8.814200  160.669081    0.433756
689.399947   26.941629   830.616833
 0.50000    8.814200  161.160708    0.433756
690.563289   30.673703   688.464967
 0.75000    8.814200  161.676159    0.433756
691.798264   34.581651   573.450861
 1.00000    8.814200  162.197695    0.433756
693.107630   38.678328   485.801107
```

```
 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.457764   -9.617762   -3.752844
-93.432057  -13.483519  -814.948704
 0.25000   -3.457764   -9.189907   -3.752844
-92.284635  -12.032923  -836.866844
 0.50000   -3.457764   -8.773025   -3.752844
-91.216074  -10.828310  -863.955243
 0.75000   -3.457764   -8.385765   -3.752844
-90.225296  -10.247188  -918.685718
 1.00000   -3.457764   -8.043288   -3.752844
-89.312496  -10.152997   -1013.452
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                967

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.500509   324.792224    4.598629
  1064.744   25.819675    1956.494
 0.25000   11.500509   328.586343    4.598629
  1072.661   26.036956    1678.103
 0.50000   11.500509   332.740314    4.598629
  1081.110   32.427307    1416.433
 0.75000   11.500509   337.095844    4.598629
  1090.082   36.046908    1218.085
 1.00000   11.500509   341.502366    4.598629
  1099.573   39.819149    1076.195

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.454728   -51.555704   -3.535210
-203.012794  -42.266143   -1446.859
 0.25000   -8.454728   -47.939995   -3.535210
-194.712647  -45.821694   -1493.190
 0.50000   -8.454728   -44.417049   -3.535210
-186.971086  -49.867565   -1552.407
 0.75000   -8.454728   -41.144346   -3.535210
-179.803034  -54.366467   -1668.891
 1.00000   -8.454728   -38.250140   -3.535210
-173.191331  -59.249021   -1856.451

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.706557   483.134937    6.949869
915.907809   36.372159    2892.212
 0.25000   11.706557   508.710223    6.949869
910.524710   37.525560    2572.892
 0.50000   11.706557   536.705846    6.949869
905.484558   39.569003    2241.572
 0.75000   11.706557   566.074116    6.949869
900.779324   42.495482    1954.813
 1.00000   11.706557   595.780984    6.949869
896.404817   46.101887    1707.959

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.273461  -179.190858   -3.807304
-140.844778  -44.882191   -1956.774
 0.25000   -8.273461  -154.817444   -3.807304
-144.746654  -49.240320   -2027.007
 0.50000   -8.273461  -131.045700   -3.807304
-148.988148  -54.227478   -2116.975
 0.75000   -8.273461  -108.985795   -3.807304
-153.570613  -60.161839   -2293.003
 1.00000   -8.273461   -89.488348   -3.807304
-158.499960  -66.815668   -2568.240

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.129393   518.379240    6.757473
813.731573   42.210186    3132.335
 0.25000   12.129393   539.432923    6.757473
809.928659   44.770098    2760.319
 0.50000   12.129393   562.477911    6.757473
806.363806   48.084961    2385.682
 0.75000   12.129393   586.652722    6.757473
803.033823   52.152745    2076.567
 1.00000   12.129393   611.106464    6.757473
799.932409   56.797561    1827.411

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.288821  -159.655372   -4.574072
-443.132916  -41.850604   -2128.294
 0.25000   -8.288821  -139.592174   -4.574072
-445.760255  -46.396889   -2203.344
 0.50000   -8.288821  -120.024237   -4.574072
-448.624429  -51.539503   -2298.925
 0.75000   -8.288821  -101.865437   -4.574072
-451.733232  -57.410449   -2485.952
 1.00000   -8.288821   -85.815051   -4.574072
-455.087191  -63.947360   -2781.141
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                968

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.027543   205.368986    5.355068
294.632311   6.763453    1204.665
 0.25000    3.027543   219.678495    5.355068
314.725966   5.253029    1089.378
 0.50000    3.027543   235.346952    5.355068
336.155593   5.042728    966.205598
 0.75000    3.027543   251.774241    5.355068
358.916640   5.244719    861.218405
 1.00000    3.027543   268.394960    5.355068
383.001534   5.449831    767.716730

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.789194  -101.969570   -0.177793
-156.342219  -30.588103  -726.896607
 0.25000   -5.789194   -88.335936   -0.177793
-135.491481  -35.975525   -757.569571
 0.50000   -5.789194   -75.039113   -0.177793
-116.046464  -41.747490  -797.671016
 0.75000   -5.789194   -62.700658   -0.177793
-98.033890   -47.811380  -874.885607
 1.00000   -5.789194   -51.782951   -0.177793
-81.451754   -53.876128  -989.323572

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.600801   402.312804    7.567525
219.670694   26.971457    2373.735
 0.25000    5.600801   430.922217    7.567525
219.670694   25.745740    2150.276
 0.50000    5.600801   462.226698    7.567525
219.670694   25.421301    1909.126
 0.75000    5.600801   495.068060    7.567525
219.670694   26.037973    1701.769
 1.00000    5.600801   528.288484    7.567525
219.670694   27.264973    1516.006

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.264128  -202.932019   -1.646186
-179.195902  -34.963549   -1415.215
 0.25000   -6.264128  -175.676981   -1.646186
-179.195902  -41.012587   -1474.574
 0.50000   -6.264128  -149.094668   -1.646186
-179.195902  -47.527255   -1551.407
 0.75000   -6.264128  -124.426749   -1.646186
-179.195902  -54.595400   -1699.693
 1.00000   -6.264128  -102.617704   -1.646186
-179.195902  -62.213636   -1921.892

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.462717   492.067339    7.820074
700.593148   33.154601    2953.397
 0.25000    9.462717   518.200350    7.820074
701.232764   33.036730    2632.506
 0.50000    9.462717   546.797130    7.820074
701.872380   33.738332    2300.190
 0.75000    9.462717   576.795945    7.820074
702.511996   35.315269    2019.815
 1.00000    9.462717   607.138828    7.820074
703.151612   37.447799    1782.984

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.158527  -187.848119   -2.428367
-228.046546  -46.190748   -1998.396
 0.25000   -8.158527  -162.952307   -2.428367
-228.046546  -52.686693   -2072.413
 0.50000   -8.158527  -138.670971   -2.428367
-228.046546  -59.618675   -2172.799
 0.75000   -8.158527  -116.138854   -2.428367
-228.046546  -67.065477   -2378.373
 1.00000   -8.158527   -96.196936   -2.428367
-228.046546  -75.021835   -2642.554
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                969

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.757639   516.590384    7.276900
621.083503   31.559264    3139.108
 0.25000    8.757639   538.686246    7.276900
621.083503   32.465648    2773.148
 0.50000    8.757639   562.866821    7.276900
621.083503   34.086307    2399.953
 0.75000    8.757639   588.232911    7.276900
621.083503   36.442857    2086.896
 1.00000    8.757639   613.891781    7.276900
621.083503   39.283419    1830.646

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.155673  -160.639726   -2.952618
-567.524622  -44.064071   -2186.410
 0.25000   -8.155673  -139.588414   -2.952618
-567.524622  -49.988910   -2263.140
 0.50000   -8.155673  -119.056703   -2.952618
-567.524622  -56.598771   -2364.711
 0.75000   -8.155673  -100.003637   -2.952618
-567.524622  -63.678442   -2571.898
 1.00000   -8.155673   -83.158715   -2.952618
-567.524622  -71.186510   -2854.872

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.675593   162.901439    1.490522
69.314310    3.762383    1007.097
 0.25000    1.675593   163.458094    1.490522
67.834081    4.883180   855.852135
 0.50000    1.675593   164.066985    1.490522
66.453181    6.074127   709.584771
 0.75000    1.675593   164.705693    1.490522
65.172648    7.393226   589.280543
 1.00000    1.675593   165.351629    1.490522
63.990464    8.559351   498.477110

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.162681   -9.976187   -1.695891
-631.309573  -17.645114  -810.518876
 0.25000   -3.162681   -9.445803   -1.695891
-632.666950  -18.032472  -832.736337
 0.50000   -3.162681   -8.928722   -1.695891
-634.115536  -18.510865  -858.217231
 0.75000   -3.162681   -8.448298   -1.695891
-635.665459  -19.254605  -909.205606
 1.00000   -3.162681   -8.026277   -1.695891
-637.305337  -20.326476   -1002.534

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.453308   324.279238    3.188709
186.071842   23.899881    1977.933
 0.25000    5.453308   329.322304    3.188709
174.852637   26.990431    1704.790
 0.50000    5.453308   334.835412    3.188709
164.382940   30.262665    1443.170
 0.75000    5.453308   340.618987    3.188709
154.668472   33.675107    1240.242
 1.00000    5.453308   346.466934    3.188709
145.709397   37.173918    1093.298

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.069163   -57.962483   -3.626683
-944.527380  -23.151984   -1427.095
 0.25000   -5.069163   -53.160926   -3.626683
-954.779009  -24.624590   -1474.851
 0.50000   -5.069163   -48.479730   -3.626683
-965.749229  -26.272172   -1530.328
 0.75000   -5.069163   -44.133264   -3.626683
-977.429222  -28.162978   -1637.150
 1.00000   -5.069163   -40.306930   -3.626683
-989.834218  -30.402312   -1822.742
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                970

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.650466   475.489166    6.633074
150.990154   26.811557    2862.627
 0.25000    5.650466   501.371419    6.633074
155.246676   26.827760    2550.997
 0.50000    5.650466   529.682932    6.633074
159.724191   27.775342    2227.772
 0.75000    5.650466   559.384681    6.633074
164.416572   29.606652    1937.768
 1.00000    5.650466   589.427217    6.633074
169.318681   31.995112    1691.337

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.383944  -179.926505   -3.027138
-793.505070  -35.175559   -1900.103
 0.25000   -6.383944  -155.277929   -3.027138
-790.159104  -39.021885   -1968.549
 0.50000   -6.383944  -131.237664   -3.027138
-787.062415  -43.407654   -2053.803
 0.75000   -6.383944  -108.928884   -3.027138
-784.213097  -48.446002   -2220.735
 1.00000   -6.383944   -89.180410   -3.027138
-782.339161  -54.203723   -2487.687

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.617765   517.008982    8.105247
505.741199   27.248666    3128.582
 0.25000    7.617765   538.281223    8.105247
508.593099   27.634203    2756.252
 0.50000    7.617765   561.554828    8.105247
511.586360   28.800447    2383.634
 0.75000    7.617765   585.969501    8.105247
514.711481   30.725101    2072.511
 1.00000    7.617765   610.664274    8.105247
517.958843   33.098578    1821.344

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.231918  -159.514888   -2.866604
-718.702836  -52.177756   -2179.554
 0.25000   -9.231918  -139.253763   -2.866604
-716.641551  -58.555055   -2266.450
 0.50000   -9.231918  -119.492681   -2.866604
-714.740975  -65.376061   -2352.949
 0.75000   -9.231918  -101.154855   -2.866604
-713.003227  -72.732721   -2535.922
 1.00000   -9.231918   -84.922578   -2.866604
-712.711130  -80.685594   -2821.034

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.777263   450.895270    6.529078
874.133619   30.772457    2738.282
 0.25000    9.777263   475.569407    6.529078
884.932452   31.150921    2638.047
 0.50000    9.777263   503.415872    6.529078
895.709676   33.036225    2342.714
 0.75000    9.777263   538.259786    6.529078
906.532972   35.706283    2062.217
 1.00000    9.777263   574.079267    6.529078
921.269315   38.889960    1793.605

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.134422  -258.490169   -3.069377
-792.380927  -37.885427   -1625.013
 0.25000   -8.134422  -218.898153   -3.069377
-806.098783  -40.824191   -1681.703
 0.50000   -8.134422  -181.191876   -3.069377
-819.765878  -44.071494   -1738.675
 0.75000   -8.134422  -146.607212   -3.069377
-833.479467  -47.782794   -1795.800
 1.00000   -8.134422  -116.075173   -3.069377
-852.185381  -52.218866   -1852.992
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                971

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.129393   518.379240    8.105247
  1064.744   42.210186    3139.108
 0.25000   12.129393   539.432923    8.105247
  1072.661   44.770098    2773.148
 0.50000   12.129393   562.866821    8.105247
  1081.110   48.084961    2399.953
 0.75000   12.129393   588.232911    8.105247
  1090.082   52.152745    2086.896
 1.00000   12.129393   613.891781    8.105247
  1099.573   56.797561    1830.646

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.231918  -202.932019   -4.574072
-944.527380  -52.177756   -2186.410
 0.25000   -9.231918  -175.676981   -4.574072
-954.779009  -58.555055   -2263.140
 0.50000   -9.231918  -149.094668   -4.574072
-965.749229  -65.376061   -2364.711
 0.75000   -9.231918  -124.426749   -4.574072
-977.429222  -72.732721   -2571.898
 1.00000   -9.231918  -102.617704   -4.574072
-989.834218  -80.685594   -2854.872

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.129393   518.379240    8.105247
  1064.744   42.210186    3139.108
 0.25000   12.129393   539.432923    8.105247
  1072.661   44.770098    2773.148
 0.50000   12.129393   562.866821    8.105247
  1081.110   48.084961    2399.953
 0.75000   12.129393   588.232911    8.105247
  1090.082   52.152745    2086.896
 1.00000   12.129393   613.891781    8.105247
  1099.573   56.797561    1830.646

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.231918  -258.490169   -4.574072
-944.527380  -52.177756   -2186.410
 0.25000   -9.231918  -218.898153   -4.574072
-954.779009  -58.555055   -2263.140
 0.50000   -9.231918  -181.191876   -4.574072
-965.749229  -65.376061   -2364.711
 0.75000   -9.231918  -146.607212   -4.574072
-977.429222  -72.732721   -2571.898
 1.00000   -9.231918  -116.075173   -4.574072
-989.834218  -80.685594   -2854.872

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.129393   518.379240    8.105247
  1064.744   42.210186    3139.108
 0.25000   12.129393   539.432923    8.105247
  1072.661   44.770098    2773.148
 0.50000   12.129393   562.866821    8.105247
  1081.110   48.084961    2399.953
 0.75000   12.129393   588.232911    8.105247
  1090.082   52.152745    2086.896
 1.00000   12.129393   613.891781    8.105247
  1099.573   56.797561    1830.646

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.231918  -258.490169   -4.574072
-944.527380  -52.177756   -2186.410
 0.25000   -9.231918  -218.898153   -4.574072
-954.779009  -58.555055   -2263.140
 0.50000   -9.231918  -181.191876   -4.574072
-965.749229  -65.376061   -2364.711
 0.75000   -9.231918  -146.607212   -4.574072
-977.429222  -72.732721   -2571.898
 1.00000   -9.231918  -116.075173   -4.574072
-989.834218  -80.685594   -2854.872
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                972

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      65 ================== LENGTH
=    4.958481

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.598682   128.689952    3.746192
537.648247   24.800460   364.199055
 0.25000    5.598682   129.233755    3.746192
538.860958   20.330828   251.863886
 0.50000    5.598682   129.833910    3.746192
540.054954   15.874108   227.084150
 0.75000    5.598682   130.472419    3.746192
541.239743   11.559183   229.581858
 1.00000    5.598682   131.131267    3.746192
542.856542    7.411440   232.297567

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.786716  -17.392747   -2.139307
-192.896007   -7.201356  -685.856230
 0.25000   -1.786716  -16.774869   -2.139307
-191.298684   -4.605436  -692.631377
 0.50000   -1.786716  -16.191157   -2.139307
-190.092713   -5.250540  -699.876012
 0.75000   -1.786716  -15.659885   -2.139307
-188.920926   -6.610632  -707.212351
 1.00000   -1.786716  -15.260161   -2.139307
-187.915659   -8.094892  -715.183530

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.347999   296.410348    4.543330
874.825426   26.685288   966.845344
 0.25000    7.347999   301.864389    4.543330
885.751948   21.564745   714.905086
 0.50000    7.347999   307.883296    4.543330
896.508048   16.608782   565.664177
 0.75000    7.347999   314.286322    4.543330
907.180737   14.566766   492.791270
 1.00000    7.347999   320.891859    4.543330
921.749449   20.585444   444.146323

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.358865   -47.174913   -10.590422
-339.777365  -40.224208   -1242.729
 0.25000   -7.358865   -40.984914   -10.590422
-325.385974  -28.159232   -1278.572
 0.50000   -7.358865   -35.129811   -10.590422
-314.526919  -17.774610   -1315.181
 0.75000   -7.358865   -29.800577   -10.590422
-303.973251  -16.386203   -1352.462
 1.00000   -7.358865   -25.811867   -10.590422
-294.918840  -16.491213   -1390.234

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.261471   485.101334    5.214980
720.284136   28.931558    1643.005
 0.25000    8.261471   516.884645    5.214980
717.709312   23.538964    1348.246
 0.50000    8.261471   551.945549    5.214980
716.207140   18.577184    1105.810
 0.75000    8.261471   589.214981    5.214980
716.767140   14.883743   888.017377
 1.00000    8.261471   627.557312    5.214980
716.767140   15.845925   692.026924

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.652891   -175.945657   -7.819795
-239.784492  -45.580522   -1682.698
 0.25000   -6.652891   -140.244495   -7.819795
-239.784492  -36.821045   -1751.848
 0.50000   -6.652891   -106.079814   -7.819795
-239.784492  -28.657939   -1823.248
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                973

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000   -6.652891   -74.976243   -7.819795
-239.784492  -27.077420   -1896.649
 1.00000   -6.652891   -52.825074   -7.819795
-239.784492  -26.738624   -1971.832

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.847696   518.296127    8.874972
689.508480   39.066754    1769.679
 0.25000    9.847696   544.432134    8.874972
689.508480   29.102535    1407.678
 0.50000    9.847696   573.261768    8.874972
689.508480   19.624581    1111.812
 0.75000    9.847696   603.908079    8.874972
689.508480   14.164255   902.304954
 1.00000    9.847696   635.436868    8.874972
689.508480   15.026306   728.905047

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.446353  -149.620183   -7.370190
-489.074999  -44.709521   -1852.758
 0.25000   -6.446353  -120.263504   -7.370190
-489.074999  -36.476827   -1927.734
 0.50000   -6.446353   -92.170569   -7.370190
-489.074999  -28.840134   -2004.714
 0.75000   -6.446353   -66.590927   -7.370190
-489.074999  -26.951721   -2083.454
 1.00000   -6.446353   -48.367910   -7.370190
-489.074999  -30.569398   -2163.770

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.199505   229.462522    0.917009
277.311059   3.701468   824.943817
 0.25000    2.199505   246.772717    0.917009
297.378198   2.574198   693.642441
 0.50000    2.199505   265.871997    0.917009
317.141330   1.459355   553.910841
 0.75000    2.199505   286.183942    0.917009
336.739741   4.216166   410.705435
 1.00000    2.199505   307.113925    0.917009
363.546358   14.673348   290.492377

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.372253   -92.763678   -9.109272
-166.826181  -33.962987   -650.681316
 0.25000   -6.372253   -73.199883   -9.109272
-140.368639  -24.334995   -690.266145
 0.50000   -6.372253   -54.607455   -9.109272
-120.488847  -16.706807   -731.019205
 0.75000   -6.372253   -37.683082   -9.109272
-101.136310  -13.365938   -772.778358
 1.00000   -6.372253   -25.263003   -9.109272
-84.526431   -11.155253  -815.571432
```

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.611512	448.048017	5.479912
203.712533	19.828381	1616.962	
0.25000	5.611512	482.749334	5.479912
203.712533	13.865944	1364.914	
0.50000	5.611512	521.026462	5.479912
203.712533	8.331989	1093.100	
0.75000	5.611512	561.715832	5.479912
203.712533	5.988786	809.050658	
1.00000	5.611512	603.576962	5.479912
203.712533	11.084025	567.016767	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.281903	-183.030411	-6.869859
-174.975723	-44.384404	-1254.452	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
974

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-6.281903	-144.053317	-6.869859
-174.975723	-36.294036	-1331.322	
0.50000	-6.281903	-106.754473	-6.869859
-174.975723	-28.642054	-1410.588	
0.75000	-6.281903	-72.790671	-6.869859
-174.975723	-25.419102	-1491.936	
1.00000	-6.281903	-48.592843	-6.869859
-174.975723	-26.438478	-1575.388	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.818963	513.480814	6.605725
586.957685	26.798291	1792.477	
0.25000	7.818963	545.059806	6.605725
586.957685	19.667430	1461.465	
0.50000	7.818963	579.891233	6.605725
586.957685	13.264189	1151.567	
0.75000	7.818963	616.918431	6.605725
586.957685	10.358526	905.628886	
1.00000	7.818963	655.012175	6.605725
586.957685	14.812898	694.353405	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.024040	-169.778192	-9.764215
-297.064356	-55.493734	-1679.352	
0.25000	-7.024040	-134.301657	-9.764215
-297.064356	-43.764294	-1761.130	
0.50000	-7.024040	-100.360934	-9.764215
-297.064356	-32.537281	-1845.087	
0.75000	-7.024040	-69.462613	-9.764215
-297.064356	-28.815175	-1930.913	
1.00000	-7.024040	-47.421263	-9.764215
-297.064356	-30.549265	-2018.707	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.370271	519.163001	6.814309
585.826736	27.668595	1780.540	
0.25000	7.370271	545.778897	6.814309
585.826736	20.234909	1417.038	
0.50000	7.370271	575.137440	6.814309
585.826736	13.619921	1094.023	
0.75000	7.370271	606.346171	6.814309
585.826736	10.009512	897.151765	
1.00000	7.370271	638.453642	6.814309
585.826736	13.387084	726.476344	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.726124	-145.611604	-9.306962
-555.132646	-52.346158	-1850.332	
0.25000	-6.726124	-115.716189	-9.306962
-555.132646	-40.798959	-1927.422	
0.50000	-6.726124	-87.107990	-9.306962
-555.132646	-29.959090	-2006.366	
0.75000	-6.726124	-61.057766	-9.306962
-555.132646	-25.886655	-2086.860	
1.00000	-6.726124	-42.498042	-9.306962
-555.132646	-28.289568	-2169.036	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.411497	132.471781	0.509474
164.045232	4.276703	393.501846	
0.25000	1.411497	133.125578	0.509474
162.035720	5.125552	274.024781	
0.50000	1.411497	133.849409	0.509474
160.502892	6.014152	225.178116	
0.75000	1.411497	134.618220	0.509474
159.019671	7.131260	226.695719	
1.00000	1.411497	135.406839	0.509474
157.748447	8.478296	228.383051	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
975

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.817255	-16.894046	-2.815283
-501.810270	-11.736580	-688.419693	
0.25000	-1.817255	-16.160074	-2.815283
-503.338825	-8.668884	-694.468531	
0.50000	-1.817255	-15.453425	-2.815283
-504.844031	-5.937780	-700.830217	
0.75000	-1.817255	-14.809892	-2.815283
-506.338695	-3.589329	-707.509008	
1.00000	-1.817255	-14.376528	-2.815283
-508.368660	-2.692754	-714.257040	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.525795	302.472618	7.175528
314.064394	29.010504	1013.356	
0.25000	5.525795	309.463429	7.175528
295.402702	20.848716	759.465219	
0.50000	5.525795	317.199240	7.175528
281.157537	13.009244	584.449654	
0.75000	5.525795	325.416688	7.175528
267.376434	9.039715	500.895591	
1.00000	5.525795	333.849211	7.175528
255.568696	10.030291	440.516653	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.264540	-52.106013	-3.371540
-792.113081	-19.177622	-1224.560	
0.25000	-3.264540	-44.259184	-3.371540
-806.309448	-15.944825	-1259.486	
0.50000	-3.264540	-36.708890	-3.371540
-820.291148	-13.317348	-1295.167	
0.75000	-3.264540	-29.833232	-3.371540
-834.173485	-11.907948	-1331.857	
1.00000	-3.264540	-25.185249	-3.371540
-853.022274	-16.270067	-1369.121	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.418378	485.984754	4.547202
231.056985	20.751344	1666.787	
0.25000	5.418378	518.043574	4.547202
231.056985	16.355873	1369.102	
0.50000	5.418378	553.403115	4.547202
231.056985	12.391897	1104.510	
0.75000	5.418378	590.992190	4.547202
231.056985	10.423730	881.947300	
1.00000	5.418378	629.664167	4.547202
231.056985	11.124366	681.950785	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.709464	-176.022067	-4.386119
-632.730037	-34.354519	-1660.917	
0.25000	-4.709464	-140.004654	-4.386119
-632.730037	-29.667045	-1728.625	
0.50000	-4.709464	-105.549656	-4.386119
-632.730037	-25.733624	-1798.502	
0.75000	-4.709464	-74.183895	-4.386119
-632.730037	-22.954294	-1870.585	
1.00000	-4.709464	-51.797801	-4.386119
-632.730037	-23.451181	-1944.473	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.358683	517.104724	4.829903
511.982362	21.996129	1770.740	
0.25000	6.358683	543.360655	4.829903
511.982362	17.006857	1408.980	
0.50000	6.358683	572.321892	4.829903
511.982362	12.530474	1099.829	
0.75000	6.358683	603.108382	4.829903
511.982362	11.077332	897.251923	
1.00000	6.358683	634.781489	4.829903
511.982362	17.758670	724.346451	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
976

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.202140	-149.497079	-10.910081
-629.734360	-56.042464	-1847.578	
0.25000	-8.202140	-120.002387	-10.910081
-629.734360	-43.233549	-1921.545	
0.50000	-8.202140	-91.781413	-10.910081
-629.734360	-31.198867	-1997.439	
0.75000	-8.202140	-66.038600	-10.910081
-629.734360	-25.564757	-2075.224	
1.00000	-8.202140	-47.773088	-10.910081
-629.734360	-25.664024	-2154.582	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.646745	167.321896	8.605588
714.063791	39.793311	484.149068	
0.25000	8.646745	167.814711	8.605588
715.173316	30.103885	394.251110	
0.50000	8.646745	168.347382	8.605588
716.340530	20.954225	341.936010	
0.75000	8.646745	168.903598	8.605588
717.576031	13.211259	320.749440	
1.00000	8.646745	169.465337	8.605588
718.868800	9.317968	313.318715	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.611277	-18.028080	-2.966789
-241.654961	-12.890849	-1014.285	
0.25000	-3.611277	-17.619424	-2.966789
-240.501338	-10.651300	-1114.586	
0.50000	-3.611277	-17.225062	-2.966789
-239.439231	-8.889635	-1238.562	
0.75000	-3.611277	-16.862233	-2.966789
-238.466187	-9.563197	-1383.809	
1.00000	-3.611277	-16.544722	-2.966789
-237.580788	-13.933089	-1545.935	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.548555	377.861998	9.327134
1121.163	42.038114	1073.894	
0.25000	11.548555	382.012674	9.327134
1129.210	31.795924	877.963520	
0.50000	11.548555	386.534207	9.327134
1137.706	22.000428	740.219677	
0.75000	11.548555	391.237350	9.327134
1146.632	15.790406	672.553452	
1.00000	11.548555	395.987487	9.327134
1156.010	21.746396	642.675733	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.513067	-43.028651	-13.834090
-402.617689	-64.017300	-1267.767	
0.25000	-8.513067	-39.574652	-13.834090
-394.273463	-48.297670	-2092.154	
0.50000	-8.513067	-36.241769	-13.834090
-386.588093	-33.503835	-2371.694	
0.75000	-8.513067	-33.175337	-13.834090
-379.549789	-24.791043	-2692.715	
1.00000	-8.513067	-30.491972	-13.834090
-373.146330	-25.867385	-3053.041	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.926698	591.963827	10.775455
962.869572	47.136823	1706.038	
0.25000	11.926698	620.170126	10.775455
957.191460	36.071638	1479.530	
0.50000	11.926698	650.656353	10.775455
951.929802	25.545562	1286.330	
0.75000	11.926698	682.545221	10.775455
947.096677	17.548286	1137.590	
1.00000	11.926698	714.738717	10.775455
942.695425	18.399349	1011.467	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
977

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.529692	-143.575995	-11.243243
-315.138807	-72.646541	-2569.300	
0.25000	-8.529692	-120.274372	-11.243243
-319.511613	-60.772129	-2942.757	
0.50000	-8.529692	-97.769162	-11.243243
-324.218223	-49.429920	-3378.468	
0.75000	-8.529692	-77.077401	-11.243243
-329.238013	-42.722917	-3874.035	
1.00000	-8.529692	-58.982386	-11.243243
-334.551237	-43.721862	-4432.000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.283763	636.727650	14.081475
911.620211	56.730029	1826.632	
0.25000	12.283763	659.945666	14.081475
907.578108	41.490796	1552.444	
0.50000	12.283763	685.039401	14.081475
903.830854	27.281512	1325.934	
0.75000	12.283763	711.287530	14.081475
900.386584	17.780972	1170.827	
1.00000	12.283763	737.786474	14.081475
897.251848	18.446995	1058.165	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.558132	-124.438936	-10.481191
-608.380922	-69.205416	-2781.609	
0.25000	-8.558132	-105.258227	-10.481191
-611.383401	-58.249148	-3181.459	
0.50000	-8.558132	-86.733000	-10.481191
-614.623439	-48.171429	-3650.430	
0.75000	-8.558132	-69.700446	-10.481191
-618.089584	-43.592976	-4185.651	
1.00000	-8.558132	-54.604634	-10.481191
-621.766320	-49.026522	-4788.642	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.340729	268.257500	1.427018
321.043461	5.918963	767.232676	
0.25000	3.340729	284.006056	1.427018
341.402678	4.237001	674.984337	
0.50000	3.340729	301.014349	1.427018
362.874266	2.604742	587.091310	
0.75000	3.340729	318.781263	1.427018
385.373605	4.089706	509.417033	
1.00000	3.340729	336.722224	1.427018
409.032019	12.662556	441.812111	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.743763	-75.269531	-11.281284
-185.621079	-55.533902	-989.680808	
0.25000	-5.743763	-62.244958	-11.281284
-164.704977	-42.461925	-1161.063	
0.50000	-5.743763	-49.662223	-11.281284
-145.438388	-30.418750	-1356.696	
0.75000	-5.743763	-38.093781	-11.281284
-127.801479	-21.337457	-1576.184	
1.00000	-5.743763	-27.970571	-11.281284
-111.747051	-17.085465	-1824.380	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.001007	528.162868	7.301403
252.988883	26.323440	1516.030	
0.25000	6.001007	559.711105	7.301403
252.988883	18.560037	1333.923	
0.50000	6.001007	593.788032	7.301403
252.988883	11.735922	1159.354	
0.75000	6.001007	629.440969	7.301403
252.988883	7.971215	1003.403	
1.00000	6.001007	665.418537	7.301403
252.988883	11.387338	866.426610	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
978

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.503276	-148.479735	-8.512985
-209.871161	-65.361732	-1921.909	
0.25000	-6.503276	-122.424906	-8.512985
-209.871161	-55.874826	-2257.353	
0.50000	-6.503276	-97.260397	-8.512985
-209.871161	-47.063877	-2640.925	
0.75000	-6.503276	-74.122280	-8.512985
-209.871161	-41.821143	-3071.717	
1.00000	-6.503276	-53.884347	-8.512985
-209.871161	-42.655360	-3559.483	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.753272	621.814069	9.968324
757.741756	38.359572	1781.875	
0.25000	9.753272	650.630960	9.968324
758.381490	27.792100	1538.510	
0.50000	9.753272	681.756191	9.968324
759.021224	18.838357	1318.936	
0.75000	9.753272	714.320439	9.968324
759.660958	12.881425	1156.995	
1.00000	9.753272	747.181409	9.968324
760.300693	17.360771	1024.895	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.349222	-140.886339	-12.409448
-364.801268	-80.595438	-2642.742	
0.25000	-8.349222	-117.087227	-12.409448
-364.801268	-66.714032	-3018.669	
0.50000	-8.349222	-94.101201	-12.409448
-364.801268	-53.640298	-3455.178	
0.75000	-8.349222	-72.966054	-12.409448
-364.801268	-46.020860	-3950.916	
1.00000	-8.349222	-54.478768	-12.409448
-364.801268	-48.062982	-4510.899	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.002815	637.178017	9.654933
751.390943	39.095140	1830.764	
0.25000	9.002815	661.548226	9.654933
751.390943	28.827155	1560.551	
0.50000	9.002815	687.865738	9.654933
751.390943	19.597371	1324.038	
0.75000	9.002815	715.403439	9.654933
751.390943	14.011075	1167.534	
1.00000	9.002815	743.191880	9.654933
751.390943	17.511903	1049.310	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.305430	-123.128247	-12.120507
-699.163267	-76.088097	-2854.529	
0.25000	-8.305430	-103.093955	-12.120507
-699.163267	-62.456386	-3240.670	
0.50000	-8.305430	-83.567332	-12.120507
-699.163267	-49.563877	-3693.932	
0.75000	-8.305430	-65.695858	-12.120507
-699.163267	-41.801491	-4212.761	
1.00000	-8.305430	-50.064434	-12.120507
-699.163267	-43.212918	-4797.835	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.795653	170.212998	0.875487
202.344701	6.928969	500.210867	
0.25000	1.795653	170.827469	0.875487
200.845599	7.273022	404.650472	
0.50000	1.795653	171.494294	0.875487
199.463064	8.055034	341.401151	
0.75000	1.795653	172.190453	0.875487
198.195497	10.385575	317.036986	
1.00000	1.795653	172.894175	0.875487
197.041454	14.907585	307.531809	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
979

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.151519	-17.602407	-5.602756
-655.668635	-20.312768	-1001.728	
0.25000	-3.151519	-17.095076	-5.602756
-657.066095	-14.516667	-1099.196	
0.50000	-3.151519	-16.605025	-5.602756
-658.545272	-9.121878	-1221.083	
0.75000	-3.151519	-16.154621	-5.602756
-660.103756	-5.433042	-1365.428	
1.00000	-3.151519	-15.764252	-5.602756
-661.739150	-4.134793	-1527.821	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.563505	380.047085	9.264570
356.773402	34.917011	1095.732	
0.25000	5.563505	385.611886	9.264570
345.396510	25.204597	896.305918	
0.50000	5.563505	391.641080	9.264570
334.910816	17.296724	746.906515	
0.75000	5.563505	397.939609	9.264570
325.294279	14.134816	671.328381	
1.00000	5.563505	404.304860	9.264570
316.540720	17.657881	632.917260	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.214620	-46.119158	-6.147272
-990.766569	-31.269514	-1821.583	
0.25000	-5.214620	-41.527097	-6.147272
-1001.347	-25.479086	-2043.904	
0.50000	-5.214620	-37.091168	-6.147272
-1012.526	-21.092416	-2313.017	
0.75000	-5.214620	-33.013866	-6.147272
-1024.327	-20.587623	-2629.069	
1.00000	-5.214620	-29.417227	-6.147272
-1036.715	-27.216727	-2981.183	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.025347	583.481557	6.761096
306.963314	29.418281	1693.330	
0.25000	6.025347	612.010513	6.761096
310.936955	22.888989	1467.136	
0.50000	6.025347	642.845173	6.761096
315.056430	17.599265	1267.294	
0.75000	6.025347	675.051659	6.761096
319.327196	15.572338	1115.885	
1.00000	6.025347	707.577879	6.761096
323.762686	18.037316	986.664376	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.626420	-143.004676	-7.646301
-835.104845	-56.609237	-2486.740	
0.25000	-6.626420	-119.443265	-7.646301
-831.972262	-48.811274	-2848.909	
0.50000	-6.626420	-96.686274	-7.646301
-829.122157	-41.952905	-3272.997	
0.75000	-6.626420	-75.761404	-7.646301
-826.522929	-37.816787	-3756.948	
1.00000	-6.626420	-57.453556	-7.646301
-825.117697	-38.651791	-4303.610	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.989623	633.718598	7.584469
661.755974	32.127455	1822.211	
0.25000	7.989623	657.169729	7.584469
664.364959	24.484777	1548.827	
0.50000	7.989623	682.517252	7.584469
667.051972	17.974449	1317.673	
0.75000	7.989623	708.992483	7.584469
669.825014	15.605297	1163.823	
1.00000	7.989623	735.730690	7.584469
672.701718	24.382604	1049.951	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
980

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.348875	-124.453613	-14.851759
-823.900778	-84.628643	-2820.465	
0.25000	-9.348875	-105.085880	-14.851759
-822.026005	-67.811167	-3205.835	
0.50000	-9.348875	-86.379492	-14.851759
-820.321557	-51.902000	-3658.753	
0.75000	-9.348875	-69.179179	-14.851759
-818.923415	-41.079131	-4176.832	
1.00000	-9.348875	-54.130919	-14.851759
-818.678141	-41.177400	-4761.674	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.847696	519.163001	8.874972
874.825426	39.066754	1792.477	
0.25000	9.847696	545.778897	8.874972
885.751948	29.102535	1461.465	
0.50000	9.847696	579.891233	8.874972
896.508048	19.624581	1151.567	
0.75000	9.847696	616.918431	8.874972
907.180737	14.883743	905.628886	
1.00000	9.847696	655.012175	8.874972
921.749449	20.585444	728.905047	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.202140	-183.030411	-10.910081
-792.113081	-56.042464	-1852.758	
0.25000	-8.202140	-144.053317	-10.910081
-806.309448	-43.764294	-1927.734	
0.50000	-8.202140	-106.754473	-10.910081
-820.291148	-32.537281	-2006.366	
0.75000	-8.202140	-74.976243	-10.910081
-834.173485	-28.815175	-2086.860	
1.00000	-8.202140	-52.825074	-10.910081
-853.022274	-30.569398	-2169.036	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.283763	637.178017	14.081475
1121.163	56.730029	1830.764	
0.25000	12.283763	661.545320	14.081475
1129.210	41.490796	1560.551	
0.50000	12.283763	687.865738	14.081475
1137.706	27.281512	1325.934	
0.75000	12.283763	715.403439	14.081475
1146.632	17.780972	1170.827	
1.00000	12.283763	747.181409	14.081475
1156.010	24.382604	1058.165	

COMB DL ---------- MIN

```
 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -9.348875  -148.479735   -14.851759
-990.766569   -84.628643    -2854.529
 0.25000    -9.348875  -122.424906   -14.851759
-1001.347   -67.811167    -3240.670
 0.50000    -9.348875   -97.769162   -14.851759
-1012.526   -53.640298    -3693.932
 0.75000    -9.348875   -77.077401   -14.851759
-1024.327   -46.020860    -4212.761
 1.00000    -9.348875   -58.982386   -14.851759
-1036.715   -49.026522    -4797.835

 COMB      CAR  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    12.283763   637.178017    14.081475
  1121.163    56.730029    1830.764
 0.25000    12.283763   661.545320    14.081475
  1129.210    41.490796    1560.551
 0.50000    12.283763   687.865738    14.081475
  1137.706    27.281512    1325.934
 0.75000    12.283763   715.403439    14.081475
  1146.632    17.780972    1170.827
 1.00000    12.283763   747.181409    14.081475
  1156.010    24.382604    1058.165
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   981

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -9.348875  -183.030411   -14.851759
-990.766569   -84.628643    -2854.529
 0.25000    -9.348875  -144.053317   -14.851759
-1001.347   -67.811167    -3240.670
 0.50000    -9.348875  -106.754473   -14.851759
-1012.526   -53.640298    -3693.932
 0.75000    -9.348875   -77.077401   -14.851759
-1024.327   -46.020860    -4212.761
 1.00000    -9.348875   -58.982386   -14.851759
-1036.715   -49.026522    -4797.835

 COMB    DESIGN  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    12.283763   637.178017    14.081475
  1121.163    56.730029    1830.764
 0.25000    12.283763   661.545320    14.081475
  1129.210    41.490796    1560.551
 0.50000    12.283763   687.865738    14.081475
  1137.706    27.281512    1325.934
 0.75000    12.283763   715.403439    14.081475
  1146.632    17.780972    1170.827
 1.00000    12.283763   747.181409    14.081475
  1156.010    24.382604    1058.165

 COMB    DESIGN  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -9.348875  -183.030411   -14.851759
-990.766569   -84.628643    -2854.529
 0.25000    -9.348875  -144.053317   -14.851759
-1001.347   -67.811167    -3240.670
 0.50000    -9.348875  -106.754473   -14.851759
-1012.526   -53.640298    -3693.932
 0.75000    -9.348875   -77.077401   -14.851759
-1024.327   -46.020860    -4212.761
 1.00000    -9.348875   -58.982386   -14.851759
-1036.715   -49.026522    -4797.835

 ELEM        66  ================== LENGTH
=     3.470073

 COMB DB-G1-1  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     5.454917   116.955434    20.672056
467.368561    8.570440   232.171710
 0.25000     5.454917   117.394196    20.672056
468.390245    8.597642   234.864165
 0.50000     5.454917   117.851169    20.672056
469.376065   15.583077   237.936207
 0.75000     5.454917   118.321868    20.672056
470.328492   22.570091   241.912055
 1.00000     5.454917   118.787455    20.672056
471.254355   29.559183   245.887904

 COMB DB-G1-1  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -1.891864   -44.409050    -8.064805
-351.692751   -9.631118  -714.332142
 0.25000    -1.891864   -44.171299    -8.064805
-350.746392  -16.486133  -708.002794
 0.50000    -1.891864   -43.932906    -8.064805
-349.824929  -31.213001  -762.854509
 0.75000    -1.891864   -43.704529    -8.064805
-348.924604  -47.150577  -847.990182
 1.00000    -1.891864   -43.495975    -8.064805
-348.167469   -64.552922   -935.277033

 COMB DB-G1-2  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     7.286606   329.467524    23.186055
793.963517   21.581271   443.760446
 0.25000     7.286606   333.882006    23.186055
803.156365   53.377660   430.157973
 0.50000     7.286606   338.476574    23.186055
812.027233   93.273028   428.282902
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   982

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2            V3
    T            M2            M3
 0.75000     7.286606   343.212278    23.186055
820.600171   133.194974   435.420302
 1.00000     7.286606   347.893930    23.186055
828.935164   173.138659   442.557701

 COMB DB-G1-2  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -7.298200   -52.637942    -46.159700
-557.699930   -19.590932    -1388.982
 0.25000    -7.298200   -50.245477    -46.159700
-549.173013   -20.779786    -1419.723
 0.50000    -7.298200   -47.846976    -46.159700
-540.867436   -35.992895    -1536.227
 0.75000    -7.298200   -45.549235    -46.159700
-532.750480   -55.712106    -1729.253
 1.00000    -7.298200   -43.450546    -46.159700
-525.922238   -75.616326    -1929.374

 COMB DB-G1-3  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     8.421491   603.593240    22.584578
646.350974   16.196714   691.778603
 0.25000     8.421491   630.071284    22.584578
646.350974   33.822960   617.316009
 0.50000     8.421491   657.583126    22.584578
646.350974   60.562013   577.068309
 0.75000     8.421491   685.864942    22.584578
646.350974   87.308539   586.524578
 1.00000     8.421491   713.801092    22.584578
646.350974  118.788704   595.980846

 COMB DB-G1-3  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.914383   -92.371720   -37.136092
-433.464606   -31.358308    -1970.847
 0.25000    -6.914383   -77.998873   -37.136092
-433.464606   -25.179604    -2057.965
 0.50000    -6.914383   -63.612359   -37.136092
-433.464606   -35.438209    -2228.646
 0.75000    -6.914383   -49.825913   -37.136092
-433.464606   -54.676680    -2531.672
 1.00000    -6.914383   -41.923629   -37.136092
-433.516973   -74.093730    -2851.630

 COMB DB-G1-4  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     9.903577   640.801528    39.410737
703.340700   15.447563   728.860730
 0.25000     9.903577   662.566118    39.410737
703.340700   31.019744   664.219301
 0.50000     9.903577   685.179488    39.410737
703.340700   55.498755   633.558353
 0.75000     9.903577   708.426377    39.410737
703.340700   81.731505   643.801218
 1.00000     9.903577   731.389610    39.410737
703.340700  111.583805   654.044084

 COMB DB-G1-4  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.672758   -79.196060   -35.381820
-626.162539   -34.556138    -2163.427
 0.25000    -6.672758   -67.382916   -35.381820
-626.162539   -46.502365    -2254.147
 0.50000    -6.672758   -55.558275   -35.381820
-626.162539   -72.982695    -2437.362
 0.75000    -6.672758   -44.230137   -35.381820
-626.162539  -106.831834    -2768.907
 1.00000    -6.672758   -37.656209   -35.381820
-626.162539  -140.849423    -3118.167

 COMB DB-G2-1  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     2.385341   309.426874    3.690059
278.370605   14.095745   290.224240
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   983

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2            V3
    T            M2            M3
 0.25000     2.385341   323.602220    3.690059
295.120231   49.960252   249.987490
 0.50000     2.385341   338.348940    3.690059
311.284243   85.923805   221.628994
 0.75000     2.385341   353.524531    3.690059
326.926409  121.896865   225.258465
 1.00000     2.385341   368.525698    3.690059
342.172726  157.874838   228.887935

 COMB DB-G2-1  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.207766   -33.291333   -41.808158
-193.428520   -13.172851   -815.311799
 0.25000    -6.207766   -25.041917   -41.808158
-177.747340    -5.533591   -873.172381
 0.50000    -6.207766   -17.902600   -41.808158
-162.439010    -6.929682   -948.437556
 0.75000    -6.207766   -10.524478   -41.808158
-147.440649   -10.129486    -1086.873
 1.00000    -6.207766    -4.246273   -41.808158
-134.791792   -13.329589    -1234.563

 COMB DB-G2-2  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     5.882776   614.481582    20.942747
234.217943   10.114225   567.019866
 0.25000     5.882776   643.375733    20.942747
234.217943   30.649851   473.969837
 0.50000     5.882776   673.396350    20.942747
234.217943   54.200468   426.469742
 0.75000     5.882776   704.256230    20.942747
234.217943   79.169664   433.269680
 1.00000     5.882776   734.743707    20.942747
234.217943  108.603215   440.109619

 COMB DB-G2-2  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     7.985787   661.903959    27.472712
565.724465   14.640017   694.295233
 0.25000     7.985787   688.189303    27.472712
565.724465   44.116471   614.057022
 0.50000     7.985787   715.483935    27.472712
565.724465   78.164976   573.916026
 0.75000     7.985787   743.573419    27.472712
565.724465  114.824289   583.239523
 1.00000     7.985787   771.306513    27.472712
565.724465  154.580793   592.563019

 COMB DB-G2-3  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -7.208759   -66.181776   -47.542941
-434.414681   -34.556914    -2018.172
 0.25000    -7.208759   -51.916443   -47.542941
-434.414681   -57.677741    -2127.726
 0.50000    -7.208759   -37.636872   -47.542941
-434.414681   -52.606924    -2306.602
 0.75000    -7.208759   -23.956889   -47.542941
-434.414681   -76.369200    -2630.764
 1.00000    -7.208759   -15.916269   -47.542941
-434.414681  -100.143830    -2974.701
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   984

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     7.492227   641.846105    28.709629
655.041603   14.238952   726.504471
 0.25000     7.492227   664.007907    28.709629
655.041603   41.008887   662.510950
 0.50000     7.492227   687.033709    28.709629
655.041603   73.549824   631.006873
 0.75000     7.492227   710.704760    28.709629
655.041603  108.406820   641.166242
 1.00000     7.492227   734.087109    28.709629
655.041603  146.613608   651.325610

 COMB DB-G2-4  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.843483   -61.554600   -45.207449
-628.908552   -32.231767    -2169.136
 0.25000    -6.843483   -49.526174   -45.207449
-628.908552   -38.908049    -2261.848
 0.50000    -6.843483   -37.485969   -45.207449
-628.908552   -55.930105    -2443.264
 0.75000    -6.843483   -25.951320   -45.207449
-628.908552   -80.543561    -2776.685
 1.00000    -6.843483   -19.236824   -45.207449
-628.908552  -105.276827    -3128.342

 COMB DB-G3-1  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     1.543644   120.105426    2.968394
306.488382    9.779889   228.544318
 0.25000     1.543644   120.666239    2.968394
305.298829   12.624431   230.468543
 0.50000     1.543644   121.250334    2.968394
304.146704   18.931415   233.188369
 0.75000     1.543644   121.849696    2.968394
303.028059   27.538562   236.873153
 1.00000     1.543644   122.440997    2.968394
302.092970   36.208900   240.557936

 COMB DB-G3-1  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -1.758817   -43.549631   -10.119752
-435.376522    -2.654357  -715.142010
 0.25000    -1.758817   -43.243352   -10.119752
-436.689543    -3.392034  -704.625419
 0.50000    -1.758817   -42.937262   -10.119752
-437.956442    -5.883862  -746.749460
 0.75000    -1.758817   -42.644017   -10.119752
-439.176559    -8.418776  -831.067870
 1.00000    -1.758817   -42.614411   -10.119752
-440.355315   -10.970683  -917.450799

 COMB DB-G3-2  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     5.563726   347.556666    32.550726
503.564047   11.604962   440.935345
 0.25000     5.563726   353.529545    32.550726
492.517666   15.479945   418.900106
 0.50000     5.563726   359.748392    32.550726
481.823118   24.330082   414.996215
 0.75000     5.563726   366.131328    32.550726
471.444116   36.376246   421.494593
 1.00000     5.563726   372.429466    32.550726
462.772334   48.965179   427.992970

 COMB DB-G3-2  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -3.292973   -51.353386   -15.336876
-718.597926   -16.861032    -1370.443
 0.25000    -3.292973   -48.094050   -15.336876
-730.810654   -41.529944    -1399.607
 0.50000    -3.292973   -44.836040   -15.336876
-742.592821   -68.314106    -1498.567
 0.75000    -3.292973   -41.714769   -15.336876
-753.938884   -96.288278    -1596.281
 1.00000    -3.292973   -41.202876   -15.336876
-764.896380  -124.289694    -1896.508
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   985

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     5.770403   609.310692    19.029976
406.130461   11.848446   682.224235
 0.25000     5.770403   635.989204    19.029976
406.130461   17.780922   604.825908
 0.50000     5.770403   663.706075    19.029976
406.130461   29.269291   563.504461
 0.75000     5.770403   692.200768    19.029976
406.130461   45.297597   572.421257
 1.00000     5.770403   720.348755    19.029976
406.130461   64.243864   581.338052

 COMB DB-G3-3  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -4.936679   -91.174680   -23.635468
-565.387389   -26.560418    -1945.590
 0.25000    -4.936679   -76.692879   -23.635468
-565.387389   -28.235464    -2028.899
 0.50000    -4.936679   -62.204240   -23.635468
-565.387389   -37.840859    -2183.460
 0.75000    -4.936679   -48.320234   -23.635468
-565.387389   -53.964953    -2483.792
 1.00000    -4.936679   -40.106174   -23.635468
-565.387389   -70.095368    -2802.173

 COMB DB-G3-4  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     6.642998   635.795861    20.144822
632.365724   18.293777   724.433971
 0.25000     6.642998   657.656578    20.144822
632.365724   50.771607   659.841769
 0.50000     6.642998   680.369402    20.144822
632.365724   88.858406   628.833704
 0.75000     6.642998   703.718804    20.144822
632.365724  129.869703   638.030449
 1.00000     6.642998   726.783500    20.144822
632.365724  174.108988   649.027194

 COMB DB-G3-4  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -8.276564   -78.270291   -52.084660
-653.250905   -29.447259    -2155.064
 0.25000    -8.276564   -66.405457   -52.084660
-653.250905   -29.931091    -2241.883
 0.50000    -8.276564   -54.528963   -52.084660
-653.250905   -38.905171    -2417.621
 0.75000    -8.276564   -43.151152   -52.084660
-653.250905   -56.022542    -2745.858
 1.00000    -8.276564   -36.516270   -52.084660
-653.250905   -73.149016    -3091.664

 COMB DL-G1-1  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     8.499222   149.717918    43.733962
639.966255    8.835442   313.001780
 0.25000     8.499222   150.124455    43.733962
640.859739   10.878295   312.600749
 0.50000     8.499222   150.545647    43.733962
641.770939   20.096408   314.869311
 0.75000     8.499222   150.971453    43.733962
642.700377   29.409783   318.739941
 1.00000     8.499222   151.394066    43.733962
643.646115   38.761394   324.864939

 COMB DL-G1-1  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -3.750202   -42.887330   -10.819551
-445.867129   -14.716721    -1546.913
 0.25000    -3.750202   -42.639390   -10.819551
-444.960367   -44.692444    -1635.686
 0.50000    -3.750202   -42.403902   -10.819551
-444.124962   -81.386590    -1728.189
 0.75000    -3.750202   -42.190877   -10.819551
-443.356097  -118.191464    -1823.035
 1.00000    -3.750202   -42.006759   -10.819551
-442.650424  -155.340875    -1920.659
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   986

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     11.557870   433.892575    44.104497
 1054.648    20.636749    642.134623
 0.25000     11.557870   437.343979    44.104497
 1061.121    61.504155    586.172199
 0.50000     11.557870   440.916964    44.104497
 1067.725   114.050912    571.061961
 0.75000     11.557870   444.537465    44.104497
 1074.466   167.607888    568.044780
 1.00000     11.557870   448.120992    44.104497
 1081.351   221.480148    574.657546

 COMB DL-G1-2  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -8.575667   -50.354065   -62.441091
-688.293815   -27.547870    -3054.589
 0.25000    -8.575667   -48.250172   -62.441091
-681.732842   -48.712494    -3321.845
 0.50000    -8.575667   -46.263679   -62.441091
-675.687052   -83.550628    -3607.546
 0.75000    -8.575667   -44.465210   -62.441091
-670.120603  -121.038944    -3909.896
 1.00000    -8.575667   -42.909470   -62.441091
-665.001602  -158.899371    -4218.605

 COMB DL-G1-3  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     12.134008   765.948017    44.117659
900.129929    17.073602    1011.103
 0.25000     12.134008   789.914024    44.117659
895.718274    43.736500    909.588829
 0.50000     12.134008   814.719538    44.117659
891.710385    81.602407    836.198659
 0.75000     12.134008   839.840240    44.117659
888.130354   126.071042    776.854468
 1.00000     12.134008   864.768858    44.117659
885.364631   171.966897    782.179891

 COMB DL-G1-3  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -8.811244   -90.977670   -55.690918
-566.419435   -46.805763    -4433.266
 0.25000    -8.811244   -76.729347   -55.690918
-570.367953   -59.344124    -4903.318
 0.50000    -8.811244   -63.259325   -55.690918
-574.365001   -86.189888    -5407.189
 0.75000    -8.811244   -51.083694   -55.690918
-578.357989  -122.352984    -5946.114
 1.00000    -8.811244   -42.630765   -55.690918
-582.292704  -158.928012    -6514.661

 COMB DL-G1-4  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     12.428228   820.843574    58.997449
946.822574    16.682057    1058.071
 0.25000     12.428228   840.644138    58.997449
943.688584    41.125051    949.006246
 0.50000     12.428228   860.975879    58.997449
940.846367    76.976559    887.390359
 0.75000     12.428228   881.646776    58.997449
938.319136   119.056992   841.287340
 1.00000     12.428228   902.159632    58.997449
937.928906   162.764007   848.442000

 COMB DL-G1-4  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -8.831027   -78.783877   -52.716303
-799.553912   -51.692941    -4709.175
 0.25000    -8.831027   -67.057180   -52.716303
-802.318011   -79.207449    -5300.395
 0.50000    -8.831027   -55.969974   -52.716303
-805.113242  -120.088801    -5852.212
 0.75000    -8.831027   -45.947818   -52.716303
-807.894155  -169.269806    -6357.846
 1.00000    -8.831027   -38.935624   -52.716303
-810.619933  -218.903396    -7048.939
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                                  Page
<                MOVING                LOAD                >
                                   987

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     3.600392   385.195329    5.598272
340.090397   11.899383   441.595095
 0.25000     3.600392   398.337946    5.598272
356.387397   53.598862   373.963512
 0.50000     3.600392   411.934627    5.598272
373.017750   101.704083   330.819933
 0.75000     3.600392   425.706096    5.598272
389.963683   151.842685   295.165920
 1.00000     3.600392   439.373981    5.598272
407.364214   202.324501   294.168430

 COMB DL-G2-1  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -5.705883   -34.561909   -58.431404
-231.637050   -18.232745    -1824.843
 0.25000    -5.705883   -26.604819   -58.431404
-215.184921   -10.180104    -2058.658
 0.50000    -5.705883   -19.099883   -58.431404
-200.017557   -11.818938    -2311.360
 0.75000    -5.705883   -12.342650   -58.431404
-186.042070   -16.122054    -2584.860
 1.00000    -5.705883    -6.489188   -58.431404
-173.166125   -20.766586    -2873.714

 COMB DL-G2-2  ------------------ MAX

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000     6.370157   771.494659    25.465095
300.614570   10.094252   866.417180
 0.25000     6.370157   798.274522    25.465095
300.614570   35.929647   728.940589
 0.50000     6.370157   825.933310    25.465095
300.614570   66.328900   640.996183
 0.75000     6.370157   853.971472    25.465095
300.614570  105.777145   570.680260
 1.00000     6.370157   881.793316    25.465095
300.614570  148.393754   572.028299

 COMB DL-G2-2  ------------------ MIN

 REL DIST            P            V2            V3
    T            M2            M3
 0.00000    -6.748093   -64.973476   -50.577221
-248.785823   -44.989083    -3559.549
 0.25000    -6.748093   -49.065740   -50.577221
-248.785823   -46.964226    -4026.528
 0.50000    -6.748093   -34.006744   -50.577221
-248.785823   -56.411848    -4533.588
 0.75000    -6.748093   -20.391356   -50.577221
-248.785823   -76.209617    -5082.277
 1.00000    -6.748093   -10.547364   -50.577221
-248.785823   -97.609386    -5663.257
```

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.013503	841.640292	37.984976
758.598328	15.702784	1024.712	
0.25000	10.013503	866.091902	37.984976
759.014113	53.189873	902.039938	
0.50000	10.013503	891.344749	37.984976
759.402378	96.911417	825.613386	
0.75000	10.013503	916.943828	37.984976
759.768717	149.389626	764.699189	
1.00000	10.013503	942.345138	37.984976
760.122124	204.459527	769.259159	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.542565	-68.754737	-64.919195
-543.076190	-50.793220	-4511.189	
0.25000	-8.542565	-54.227221	-64.919195
-543.044274	-61.409203	-5034.729	
0.50000	-8.542565	-40.472999	-64.919195
-542.984836	-81.410676	-5604.046	
0.75000	-8.542565	-28.036710	-64.919195
-542.903473	-112.424243	-6227.925	
1.00000	-8.542565	-18.955451	-64.919195
-542.809177	-144.767488	-6850.167	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
988

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.225951	819.057600	39.004959
860.482163	16.052319	1049.387	
0.25000	9.225951	839.741894	39.004959
860.482163	51.711069	947.542679	
0.50000	9.225951	861.105055	39.004959
860.482163	94.757490	886.140822	
0.75000	9.225951	882.761238	39.004959
860.482163	145.328135	837.395502	
1.00000	9.225951	904.250340	39.004959
860.482163	198.338673	843.945321	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.463869	-64.390511	-62.305376
-808.244039	-45.951326	-4797.455	
0.25000	-8.463869	-52.103655	-62.305376
-808.244039	-59.098194	-5316.117	
0.50000	-8.463869	-40.472352	-62.305376
-808.244039	-81.827460	-5879.470	
0.75000	-8.463869	-29.956566	-62.305376
-808.244039	-113.732654	-6488.546	
1.00000	-8.463869	-22.352740	-62.305376
-808.244039	-146.920063	-7096.989	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.923813	152.370121	4.655103
385.446747	13.217260	307.917774	
0.25000	1.923813	152.905242	4.655103
384.270449	27.143515	305.671626	
0.50000	1.923813	153.460840	4.655103
383.184385	43.357814	306.708780	
0.75000	1.923813	154.022825	4.655103
382.193647	60.590666	309.815048	
1.00000	1.923813	154.578305	4.655103
381.290144	77.755116	315.405562	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.163519	-44.544646	-19.879985
-585.704080	-3.176071	-1526.817	
0.25000	-3.163519	-44.231435	-19.879985
-586.847770	-5.182554	-1611.002	
0.50000	-3.163519	-43.936742	-19.879985
-588.010766	-9.134105	-1700.608	
0.75000	-3.163519	-43.671480	-19.879985
-589.195294	-13.133545	-1793.356	
1.00000	-3.163519	-43.602415	-19.879985
-590.398822	-17.153012	-1888.423	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.682055	450.929026	38.992831
608.703827	15.273673	633.560610	
0.25000	5.682055	455.750735	38.992831
599.777349	29.769865	570.855353	
0.50000	5.682055	460.750311	38.992831
591.579779	47.800145	551.906558	
0.75000	5.682055	465.811978	38.992831
584.030654	67.767867	546.291242	
1.00000	5.682055	470.828917	38.992831
577.185185	88.517765	553.322013	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.352783	-51.664565	-25.144213
-923.547814	-26.409960	-2979.739	
0.25000	-5.352783	-48.832472	-25.144213
-932.208478	-55.284313	-3244.697	
0.50000	-5.352783	-46.167289	-25.144213
-941.022422	-86.625567	-3537.122	
0.75000	-5.352783	-43.766740	-25.144213
-949.984478	-119.822436	-3850.246	
1.00000	-5.352783	-42.959856	-25.144213
-959.087104	-152.335066	-4169.394	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
989

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.408201	760.851816	27.306901
532.634041	15.543829	987.157314	
0.25000	6.408201	785.020352	27.306901
534.707380	33.432064	883.644003	
0.50000	6.408201	809.381177	27.306901
537.610126	57.568163	810.535162	
0.75000	6.408201	835.283183	27.306901
540.649766	90.193890	749.547674	
1.00000	6.408201	860.388768	27.306901
543.879632	124.843911	754.028528	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.893276	-92.481486	-41.741215
-776.290536	-39.631583	-4302.460	
0.25000	-6.893276	-78.109703	-41.741215
-773.784480	-74.499918	-4761.928	
0.50000	-6.893276	-64.496514	-41.741215
-771.428018	-57.032307	-5257.916	
0.75000	-6.893276	-52.185629	-41.741215
-769.166202	-79.098094	-5788.968	
1.00000	-6.893276	-42.880473	-41.741215
-766.945924	-102.245904	-6349.289	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.332804	812.036743	30.345346
835.193993	21.608816	1050.174	
0.25000	8.332804	831.911011	30.345346
836.015195	67.834545	942.994314	
0.50000	8.332804	852.435825	30.345346
837.341692	120.748834	881.381612	
0.75000	8.332804	873.242198	30.345346
839.283709	181.195614	834.343375	
1.00000	8.332804	893.887230	30.345346
841.372941	243.598966	841.130915	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.486151	-80.228520	-73.629011
-874.047085	-42.546406	-4761.052	
0.25000	-9.486151	-68.412743	-73.629011
-872.535242	-49.260039	-5260.829	
0.50000	-9.486151	-57.221861	-73.629011
-871.103420	-64.407779	-5804.466	
0.75000	-9.486151	-47.101955	-73.629011
-869.706098	-88.914754	-6392.696	
1.00000	-9.486151	-39.512891	-73.629011
-868.434157	-114.538419	-7008.860	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.903577	661.903959	39.410737
793.963517	21.581271	728.860730	
0.25000	9.903577	688.189303	39.410737
803.156365	53.377660	664.219301	
0.50000	9.903577	715.498395	39.410737
812.027233	93.273028	633.558353	
0.75000	9.903577	743.571419	39.410737
820.600171	133.194974	643.801218	
1.00000	9.903577	771.306513	39.410737
828.935164	174.108988	654.044084	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.276564	-92.371720	-52.084660
-718.597926	-34.556914	-2169.136	
0.25000	-8.276564	-77.998873	-52.084660
-730.810654	-46.502365	-2261.848	
0.50000	-8.276564	-63.612359	-52.084660
-742.592821	-72.982695	-2443.264	
0.75000	-8.276564	-49.829913	-52.084660
-753.938884	-106.831834	-2776.685	
1.00000	-8.276564	-43.495975	-52.084660
-764.896380	-140.849423	-3128.342	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
990

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.428228	841.640292	58.997449
1054.648	21.608816	1058.071	
0.25000	12.428228	866.091902	58.997449
1061.121	67.834545	949.006246	
0.50000	12.428228	891.344749	58.997449
1067.725	120.748834	887.390359	
0.75000	12.428228	916.943828	58.997449
1074.466	181.195614	841.287340	
1.00000	12.428228	942.345138	58.997449
1081.351	243.598966	848.442000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.486151	-92.481486	-73.629011
-923.547814	-51.692941	-4797.455	
0.25000	-9.486151	-78.109703	-73.629011
-932.208478	-79.207449	-5316.117	
0.50000	-9.486151	-64.496514	-73.629011
-941.022422	-120.088801	-5879.470	
0.75000	-9.486151	-52.185629	-73.629011
-949.984478	-169.229806	-6488.546	
1.00000	-9.486151	-43.602415	-73.629011
-959.087104	-218.903396	-7096.989	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.428228	841.640292	58.997449
1054.648	21.608816	1058.071	
0.25000	12.428228	866.091902	58.997449
1061.121	67.834545	949.006246	
0.50000	12.428228	891.344749	58.997449
1067.725	120.748834	887.390359	
0.75000	12.428228	916.943828	58.997449
1074.466	181.195614	841.287340	
1.00000	12.428228	942.345138	58.997449
1081.351	243.598966	848.442000	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.486151	-92.481486	-73.629011
-923.547814	-51.692941	-4797.455	
0.25000	-9.486151	-78.109703	-73.629011
-932.208478	-79.207449	-5316.117	
0.50000	-9.486151	-64.496514	-73.629011
-941.022422	-120.088801	-5879.470	
0.75000	-9.486151	-52.185629	-73.629011
-949.984478	-169.229806	-6488.546	
1.00000	-9.486151	-43.602415	-73.629011
-959.087104	-218.903396	-7096.989	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.428228	841.640292	58.997449
1054.648	21.608816	1058.071	
0.25000	12.428228	866.091902	58.997449
1061.121	67.834545	949.006246	
0.50000	12.428228	891.344749	58.997449
1067.725	120.748834	887.390359	
0.75000	12.428228	916.943828	58.997449
1074.466	181.195614	841.287340	
1.00000	12.428228	942.345138	58.997449
1081.351	243.598966	848.442000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.486151	-92.481486	-73.629011
-923.547814	-51.692941	-4797.455	
0.25000	-9.486151	-78.109703	-73.629011
-932.208478	-79.207449	-5316.117	
0.50000	-9.486151	-64.496514	-73.629011
-941.022422	-120.088801	-5879.470	
0.75000	-9.486151	-52.185629	-73.629011
-949.984478	-169.229806	-6488.546	
1.00000	-9.486151	-43.602415	-73.629011
-959.087104	-218.903396	-7096.989	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
991

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 67 ========== LENGTH = 3.471054

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.082264	41.507123	7.335240
345.801073	27.663055	246.105960	
0.25000	6.082264	41.507150	7.335240
346.570455	21.304121	227.219406	
0.50000	6.082264	41.664975	7.335240
347.484865	14.972239	208.422057	
0.75000	6.082264	41.909869	7.335240
348.420877	8.645498	191.366897	
1.00000	6.082264	42.154158	7.335240
349.381712	8.584801	174.199618	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.866894	-107.033964	-20.478146
-423.553453	-63.085145	-935.333901	
0.25000	-2.866894	-106.553907	-20.478146
-422.606012	-48.018488	-931.720144	
0.50000	-2.866894	-106.068757	-20.478146
-421.630585	-33.254791	-928.473390	
0.75000	-2.866894	-105.597194	-20.478146
-420.620626	-16.525591	-926.176783	
1.00000	-2.866894	-105.143698	-20.478146
-419.573797	-11.751016	-924.169462	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.112022	50.447224	45.761550
517.290402	171.054594	442.996974	
0.25000	7.112022	50.447495	45.761550
524.236452	131.544605	408.960590	
0.50000	7.112022	51.943527	45.761550
532.489523	92.304581	375.726588	
0.75000	7.112022	54.403157	45.761550
540.934576	53.27719	360.131033	
1.00000	7.112022	56.863083	45.761550
549.600323	22.048061	390.149596	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.285387	-332.912581	-23.369796
-771.098664	-73.477563	-1932.717	
0.25000	-8.285387	-328.087695	-23.369796
-762.559549	-53.269964	-1886.510	
0.50000	-8.285387	-323.210949	-23.369796
-753.707446	-33.241769	-1841.965	
0.75000	-8.285387	-318.470001	-23.369796
-744.671274	-23.698907	-1798.210	
1.00000	-8.285387	-313.909747	-23.369796
-735.239769	-22.150255	-1755.890	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.443393	62.140233	36.549497
427.972940	114.906037	596.705224	
0.25000	8.443393	62.137120	36.549497
427.972940	86.158411	550.849516	
0.50000	8.443393	66.161748	36.549497
427.972940	60.034698	504.993808	
0.75000	8.443393	80.864131	36.549497
427.972940	34.932695	570.242627	
1.00000	8.443393	95.552248	36.549497
427.972940	19.539581	653.978051	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.866216	-698.343003	-22.833044
-582.900401	-72.646964	-2855.370	
0.25000	-7.866216	-689.673579	-22.833044
-582.900401	-52.900545	-2747.841	
0.50000	-7.866216	-640.660543	-22.833044
-582.900401	-33.330909	-2644.420	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
992

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-7.866216	-612.412638	-22.833044
-582.900401	-29.915280	-2544.445	
1.00000	-7.866216	-585.193484	-22.833044
-584.901696	-35.839562	-2448.596	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.669825	65.777269	34.899994
616.562242	107.411667	654.996639	
0.25000	9.669825	65.775403	34.899994
616.562242	79.271947	604.640304	
0.50000	9.669825	69.140523	34.899994
616.562242	54.633571	554.284001	
0.75000	9.669825	81.225588	34.899994
616.562242	32.876874	595.297787	
1.00000	9.669825	93.298695	34.899994
616.562242	18.526506	680.581930	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.665457	-712.672505	-39.766491
-655.793809	-139.508073	-3077.687	
0.25000	-7.665457	-689.105194	-39.766491
-655.793809	-105.482143	-3007.888	
0.50000	-7.665457	-665.255732	-39.766491
-655.793809	-71.340360	-2898.747	
0.75000	-7.665457	-642.035856	-39.766491
-655.793809	-30.435018	-2792.734	
1.00000	-7.665457	-619.660532	-39.766491
-655.793809	-38.799791	-2690.408	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.671847	20.321519	42.618405
129.302834	157.915859	229.186399	
0.25000	1.671847	20.320920	42.618405
142.276260	121.535184	211.551961	
0.50000	1.671847	24.044175	42.618405
157.637263	85.684025	195.375170	
0.75000	1.671847	31.936613	42.618405
173.316032	50.010635	237.129706	
1.00000	1.671847	39.815195	42.618405
189.366339	15.596811	310.591432	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.105868	-366.494513	-3.457626
-338.749811	-13.069231	-1238.466	
0.25000	-6.105868	-351.060940	-3.457626
-323.014157	-10.070804	-1173.852	
0.50000	-6.105868	-335.453708	-3.457626
-306.844659	-7.074314	-1111.167	
0.75000	-6.105868	-320.271769	-3.457626
-290.117177	-5.974340	-1050.230	
1.00000	-6.105868	-305.657444	-3.457626
-272.781610	-13.566805	-991.339615	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.098073	39.065147	35.567602
197.933283	106.155561	440.802155	
0.25000	5.098073	39.061748	35.567602
197.933283	77.933841	406.901969	
0.50000	5.098073	43.550730	35.567602
197.933283	54.147098	373.001784	
0.75000	5.098073	59.594541	35.567602
197.933283	32.784836	460.417955	
1.00000	5.098073	75.622393	35.567602
197.933283	13.891663	609.129663	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.205755	-728.823708	-20.885143
-219.228657	-79.571523	-2402.961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
993

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-6.205755	-697.535764	-20.885143
-219.228657	-61.496237	-2274.187	
0.50000	-6.205755	-665.873408	-20.885143
-219.228657	-43.473198	-2149.458	
0.75000	-6.205755	-635.047080	-20.885143
-219.228657	-33.795623	-2028.837	
1.00000	-6.205755	-605.341579	-20.885143
-219.228657	-32.575953	-1912.629	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.460806	52.568104	47.496423
426.345447	152.260719	593.365761	
0.25000	7.460806	52.565010	47.496423
426.345447	112.963815	547.748186	
0.50000	7.460806	56.707635	47.496423
426.345447	78.339219	502.130611	
0.75000	7.460806	71.302780	47.496423
426.345447	46.447647	566.920607	
1.00000	7.460806	85.883171	47.496423
426.345447	17.009105	679.896569	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.110939	-758.255666	-27.693853
-521.137795	-99.258135	-2978.582	
0.25000	-7.110939	-729.791108	-27.693853
-521.137795	-75.327497	-2850.202	
0.50000	-7.110939	-700.986410	-27.693853
-521.137795	-51.489858	-2725.456	
0.75000	-7.110939	-672.942847	-27.693853
-521.137795	-41.178855	-2604.409	
1.00000	-7.110939	-645.917823	-27.693853
-521.137795	-38.826715	-2487.627	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.914454	57.840387	45.202035
613.516185	143.600116	652.365654	
0.25000	6.914454	57.837679	45.202035
613.516185	106.378158	602.173210	
0.50000	6.914454	61.280727	45.202035
613.516185	73.465654	551.980765	
0.75000	6.914454	73.586324	45.202035
613.516185	44.016754	594.837919	
1.00000	6.914454	85.879681	45.202035
613.516185	17.820615	671.543407	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.598417	-715.905575	-28.827671
-626.284633	-104.660619	-3131.548	
0.25000	-7.598417	-691.907734	-28.827671
-626.284633	-79.737233	-3017.089	
0.50000	-7.598417	-667.622719	-28.827671
-626.284633	-54.882751	-2905.683	
0.75000	-7.598417	-643.978389	-28.827671
-626.284633	-41.574603	-2797.484	
1.00000	-7.598417	-621.194830	-28.827671
-626.284633	-34.876328	-2692.847	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.789109	38.207067	10.471002
420.484871	34.493485	241.137860	
0.25000	1.789109	38.207067	10.471002
419.300054	25.460881	222.515356	
0.50000	1.789109	38.207083	10.471002
418.074795	19.787075	203.892851	
0.75000	1.789109	38.498672	10.471002
416.803555	14.951090	187.542425	
1.00000	1.789109	38.810141	10.471002
415.486319	10.495445	171.141257	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
994

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.242374	-109.755474	-3.452221
-318.172471	-12.708150	-917.828299	
0.25000	-3.242374	-109.151253	-3.452221
-319.103354	-9.753372	-917.217560	
0.50000	-3.242374	-108.539023	-3.452221
-320.218903	-6.813952	-917.442604	
0.75000	-3.242374	-107.942030	-3.452221
-321.568086	-3.939227	-917.768439	
1.00000	-3.242374	-107.368322	-3.452221
-322.555293	-2.605996	-918.823363	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.548965	46.705322	15.429465
744.979508	46.628140	428.951406	
0.25000	5.548965	46.705322	15.429465
733.981402	33.772569	395.887899	
0.50000	5.548965	46.704642	15.429465
722.604147	24.742758	362.824391	
0.75000	5.548965	49.960638	15.429465
710.798110	18.177709	354.075013	
1.00000	5.548965	53.277371	15.429465
698.565007	12.867121	393.222501	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.643904	-354.867086	-33.256474
-480.176492	-126.548283	-1895.868	
0.25000	-4.643904	-348.427618	-33.256474
-488.795957	-98.039477	-1850.085	
0.50000	-4.643904	-341.903904	-33.256474
-499.131923	-69.603434	-1805.562	
0.75000	-4.643904	-335.543849	-33.256474
-509.784663	-41.487105	-1762.675	
1.00000	-4.643904	-329.429641	-33.256474
-520.795106	-17.901600	-1721.463	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.844249	58.540432	24.150659
543.913475	60.199066	582.485978	
0.25000	5.844249	58.537291	24.150659
543.913475	40.743133	537.619410	
0.50000	5.844249	62.782695	24.150659
543.913475	29.530851	492.752842	
0.75000	5.844249	77.596084	24.150659

```
543.913475    22.486783   559.976216
 1.00000      5.844249    92.394333    24.150659
543.913475    16.406225   649.301154

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -6.204514  -703.430156  -19.155166
-411.381694   -72.386479   -2804.176
 0.25000     -6.204514  -674.538760  -19.155166
-411.381694   -55.814633   -2699.660
 0.50000     -6.204514  -645.302460  -19.155166
-411.381694   -39.294525   -2598.659
 0.75000     -6.204514  -616.839088  -19.155166
-411.381694   -29.246859   -2501.581
 1.00000     -6.204514  -589.408734  -19.155166
-411.381694   -28.652684   -2408.464

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      6.119402    63.351077    52.597979
631.530341   170.784523   650.145737
 0.25000      6.119402    63.348505    52.597979
631.530341   127.057206   600.088243
 0.50000      6.119402    66.753687    52.597979
631.530341    89.083431   550.030750
 0.75000      6.119402    78.892088    52.597979
631.530341    54.336846   591.765454
 1.00000      6.119402    91.018379    52.597979
631.530341    22.245520   675.248273
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   995

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -9.202859  -708.054763   -20.222246
-618.597062   -74.296410   -3095.287
 0.25000     -9.202859  -684.382718   -20.222246
-618.597062   -56.831170   -2985.866
 0.50000     -9.202859  -660.427470   -20.222246
-618.597062   -40.020376   -2879.469
 0.75000     -9.202859  -637.104834   -20.222246
-618.597062   -31.761915   -2776.393
 1.00000     -9.202859  -614.630027   -20.222246
-618.597062   -32.044218   -2676.807

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     12.455108    56.629906     9.867184
506.508166    36.324420   326.313144
 0.25000     12.455108    56.757698     9.867184
507.218693    27.080942   302.088255
 0.50000     12.455108    56.975614     9.867184
507.993147    19.345324   280.628007
 0.75000     12.455108    57.218198     9.867184
508.838137    10.967676   262.046413
 1.00000     12.455108    57.472150     9.867184
509.751162    10.348772   247.515336

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -3.536424  -139.045351   -43.192698
-539.894809   -154.356928    -1915.631
 0.25000     -3.536424  -138.616416   -43.192698
-538.939249   -117.970926    -1825.027
 0.50000     -3.536424  -138.184131   -43.192698
-538.000500    -81.634062    -1737.530
 0.75000     -3.536424  -137.757158   -43.192698
-537.080027    -45.560186    -1654.179
 1.00000     -3.536424  -137.345419   -43.192698
-536.177387    -17.452268    -1575.992

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     13.241622    75.384256    61.268107
751.967075   218.251416   576.306276
 0.25000     13.241622    76.363218    61.268107
757.118738   165.428562   536.174413
 0.50000     13.241622    78.205769    61.268107
762.732215   112.970030   507.546791
 0.75000     13.241622    80.257767    61.268107
768.855700    61.607667   500.643256
 1.00000     13.241622    82.406617    61.268107
775.483092    22.923952   535.970409

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -11.793844  -433.315135   -43.212913
-938.728801  -156.826403    -4221.665
 0.25000    -11.793844  -429.676142   -43.212913
-931.782373  -119.723229    -3919.907
 0.50000    -11.793844  -426.009482   -43.212913
-924.974548   -83.027032    -3627.667
 0.75000    -11.793844  -422.386856   -43.212913
-918.303692   -51.285737    -3356.653
 1.00000    -11.793844  -418.892333   -43.212913
-911.760186   -32.183668    -3105.833

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     13.890193    92.484207    54.660602
662.043305   167.886552   784.359627
 0.25000     13.890193    94.640922    54.660602
658.178456   122.907514   735.679201
 0.50000     13.890193   107.106719    54.660602
654.284183    80.908103   761.033480
 0.75000     13.890193   121.003471    54.660602
650.407400    45.026979   804.428829
 1.00000     13.890193   135.634258    54.660602
646.593484    20.959187   877.708978
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   996

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -11.776071  -847.953081   -43.575561
-760.890667   -157.240598    -6518.024
 0.25000    -11.776071  -822.790392   -43.575561
-763.931843   -120.461344    -5957.369
 0.50000    -11.776071  -797.422046   -43.575561
-767.378921    -86.611052    -5432.119
 0.75000    -11.776071  -772.386370   -43.575561
-771.213565    -64.276867    -4947.269
 1.00000    -11.776071  -748.228720   -43.575561
-775.413774    -52.857200    -4499.336

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     15.247470    95.930346    52.130321
848.292499   159.951560   850.853869
 0.25000     15.247470    97.751192    52.130321
845.628559   116.717943   795.234694
 0.50000     15.247470   108.012082    52.130321
842.932115    76.515766   800.457878
 0.75000     15.247470   119.462255    52.130321
840.239885    42.699240   829.862421
 1.00000     15.247470   131.492622    52.130321
837.590012    20.152521   909.588957

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -11.301441  -883.235581   -58.877094
-861.221620  -218.936641    -7050.175
 0.25000    -11.301441  -862.529208   -58.877094
-863.339241  -168.740117    -6448.113
 0.50000    -11.301441  -841.653283   -58.877094
-865.754899  -121.132146    -5876.729
 0.75000    -11.301441  -821.051290   -58.877094
-868.452067   -83.775599    -5346.874
 1.00000    -11.301441  -801.170899   -58.877094
-871.410313   -57.220999    -4861.232

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      1.895969    28.035744    58.420936
188.748884   201.937752   294.895461
 0.25000      1.895969    30.967909    58.420936
201.747231   151.505787   280.970440
 0.50000      1.895969    37.925716    58.420936
215.867704   101.532371   303.602924
 0.75000      1.895969    45.678218    58.420936
231.208402    53.550148   339.276258
 1.00000      1.895969    53.807657    58.420936
247.877330    13.229509   399.405382

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -9.740019  -437.144181    -5.228847
-379.694439   -20.451663    -2882.971
 0.25000     -9.740019  -423.304160    -5.228847
-362.151664   -16.179669    -2594.397
 0.50000     -9.740019  -409.366652    -5.228847
-344.972261   -12.366968    -2324.019
 0.75000     -9.740019  -395.597029    -5.228847
-328.140689   -11.248171    -2077.033
 1.00000     -9.740019  -382.316648    -5.228847
-311.631671   -20.379952    -1849.689

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      5.975714    54.522523    50.691354
251.430752   147.348181   573.547016
 0.25000      5.975714    57.266384    50.691354
251.430752   104.766188   541.634847
 0.50000      5.975714    71.202754    50.691354
251.430752    66.094609   589.717551
 0.75000      5.975714    86.751945    50.691354
251.430752    37.956106   663.148950
 1.00000      5.975714   103.087288    50.691354
251.430752    12.660038   786.136811
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   997

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -9.661184  -874.592645   -25.366946
-281.647360   -98.507567    -5669.722
 0.25000     -9.661184  -846.502266   -25.366946
-281.647360   -76.884512    -5091.561
 0.50000     -9.661184  -818.180836   -25.366946
-281.647360   -57.489781    -4550.928
 0.75000     -9.661184  -790.234909   -25.366946
-281.647360   -50.247270    -4057.776
 1.00000     -9.661184  -763.245011   -25.366946
-281.647360   -48.415397    -3605.306

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     10.218696    74.640814    64.557398
587.378586   201.945203   771.356755
 0.25000     10.218696    77.223972    64.557398
587.474607   147.720084   723.651831
 0.50000     10.218696    89.953268    64.557398
587.566327    95.896422   748.823832
 0.75000     10.218696   104.155014    64.557398
587.647211    54.997101   799.112201
 1.00000     10.218696   119.074302    64.557398
587.713788    19.183756   896.975850

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -11.777290  -929.086594   -37.475352
-669.906801  -144.117800    -6857.804
 0.25000    -11.777290  -903.438568   -37.475352
-669.554993  -112.055874    -6251.229
 0.50000    -11.777290  -877.578906   -37.475352
-669.198884   -81.562389    -5670.318
 0.75000    -11.777290  -852.062379   -37.475352
-668.831939   -65.350373    -5135.796
 1.00000    -11.777290  -827.417177   -37.475352
-668.450688   -56.554927    -4648.210

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     10.014253    82.264630    62.505517
806.232966   196.950210   846.323848
 0.25000     10.014253    84.383940    62.505517
806.232966   143.937728   791.035091
 0.50000     10.014253    95.148147    62.505517
806.232966    94.344474   797.534198
 0.75000     10.014253   107.158069    62.505517
806.232966    53.544498   852.623090
 1.00000     10.014253   119.775199    62.505517
806.232966    20.193691   898.422778

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -12.185253  -886.830493   -39.035547
-824.780681  -147.893758    -7104.110
 0.25000    -12.185253  -865.133978   -39.035547
-824.780681  -114.500090    -6511.295
 0.50000    -12.185253  -843.259004   -39.035547
-824.780681   -82.953653    -5940.798
 0.75000    -12.185253  -821.674823   -39.035547
-824.780681   -62.985775    -5412.378
 1.00000    -12.185253  -800.827540   -39.035547
-824.780681   -51.469375    -4931.073

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      2.318234    53.962601    20.794106
519.439039    79.114989   316.264452
 0.25000      2.318234    53.965237    20.794106
518.229075    61.114819   292.655845
 0.50000      2.318234    54.184098    20.794106
517.038923    44.373098   272.406184
 0.75000      2.318234    54.486290    20.794106
515.869850    27.995639   255.411380
 1.00000      2.318234    54.809337    20.794106
514.721963    13.645561   242.897065
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   998

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -5.835297  -139.996630    -5.498035
-447.688822   -20.246909    -1891.861
 0.25000     -5.835297  -139.436521    -5.498035
-448.598726   -15.496249    -1803.213
 0.50000     -5.835297  -138.870879    -5.498035
-449.590164   -10.763863    -1717.880
 0.75000     -5.835297  -138.312231    -5.498035
-450.671742    -6.081816    -1636.460
 1.00000     -5.835297  -137.775282    -5.498035
-451.849644    -3.863043    -1560.787

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      7.962836    71.739967    25.844308
869.616769    90.185743   554.970885
 0.25000      7.962836    71.770105    25.844308
860.466376    68.325325   514.276862
 0.50000      7.962836    73.897308    25.844308
851.455465    48.501137   490.853831
 0.75000      7.962836    76.629068    25.844308
842.637260    30.285444   469.233148
 1.00000      7.962836    79.557206    25.844308
833.916974    15.679076   532.506352

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -7.270974  -451.651518   -39.853687
-666.588571  -156.741559    -4169.774
 0.25000     -7.270974  -446.598144   -39.853687
-673.440460  -122.527417    -3865.540
 0.50000     -7.270974  -441.501127   -39.853687
-680.950763   -88.707266    -3565.861
 0.75000     -7.270974  -436.466701   -39.853687
-689.163573   -55.651306    -3299.548
 1.00000     -7.270974  -431.621657   -39.853687
-698.069679   -27.354978    -3049.211

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      7.434852    88.253939    42.690618
690.464407   125.615785   756.183619
 0.25000      7.434852    91.075671    42.690618
692.795698    89.952444   710.087361
 0.50000      7.434852   103.666918    42.690618
695.217150    58.256373   737.309347
 0.75000      7.434852   117.731395    42.690618
697.778760    35.709533   782.293580
 1.00000      7.434852   132.495250    42.690618
700.531579    18.327527   859.169528

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -10.627418  -841.081749   -27.814246
-608.097786  -106.533465    -6355.072
 0.25000    -10.627418  -815.726841   -27.814246
-604.743851   -82.554215    -5801.998
 0.50000    -10.627418  -790.160324   -27.814246
-601.554897   -59.416344    -5284.137
 0.75000    -10.627418  -764.934010   -27.814246
-598.480992   -46.630226    -4807.290
 1.00000    -10.627418  -740.578561   -27.814246
-595.473545   -42.795042    -4368.783

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      8.315357    93.736247    74.159964
833.218523   243.196593   843.488204
 0.25000      8.315357   196.005495    74.159964
834.710489   180.079018   788.737461
 0.50000      8.315357   106.356030    74.159964
836.237959   120.766804   794.582134
 0.75000      8.315357   117.917988    74.159964
837.835879    69.645263   824.240528
 1.00000      8.315357   130.055255    74.159964
839.549249    25.012986   901.873457
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   999

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -874.391314   -30.403057
-846.722424  -117.013683    -7018.850
 0.25000    -14.776792  -853.542298   -30.403057
-844.536644   -91.063230    -6433.934
 0.50000    -14.776792  -832.519733   -30.403057
-842.477203   -67.703390    -5878.872
 0.75000    -14.776792  -811.776724   -30.403057
-840.498102   -51.891313    -5364.908
 1.00000    -14.776792  -791.750705   -30.403057
-838.565340   -47.137877    -4893.738

 COMB DB ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      9.669825    65.777269    52.597979
744.979508   171.054594   654.996639
 0.25000      9.669825    65.774709    52.597979
733.981402   131.544605   604.640304
 0.50000      9.669825    69.140523    52.597979
722.604147    92.304581   554.284001
 0.75000      9.669825    81.225588    52.597979
710.798110    54.336846   595.297787
 1.00000      9.669825    95.552248    52.597979
698.565007    22.385520   680.581930

 COMB DB ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -9.202859  -758.255666   -39.766491
-771.098664  -139.808073    -3131.548
 0.25000     -9.202859  -729.791108   -39.766491
-762.559549  -105.482143    -3017.089
 0.50000     -9.202859  -700.986410   -39.766491
-753.770446   -71.340360    -2905.683
 0.75000     -9.202859  -672.942847   -39.766491
-744.671274   -50.438018    -2797.484
 1.00000     -9.202859  -645.917823   -39.766491
-735.239769   -38.826715    -2692.847

 COMB DL ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     15.247470    95.930346    74.159964
869.616769   243.196593   850.853869
 0.25000     15.247470    97.751192    74.159964
860.466376   180.079018   795.234694
 0.50000     15.247470   108.012082    74.159964
851.455465   120.766804   800.457878
 0.75000     15.247470   121.003471    74.159964
842.637260    69.645263   829.862421
 1.00000     15.247470   135.634258    74.159964
839.549249    25.012986   909.588957

 COMB DL ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -929.086594   -58.877094
-938.728801  -218.936641    -7104.110
 0.25000    -14.776792  -903.438568   -58.877094
-931.782373  -168.740117    -6511.295
 0.50000    -14.776792  -877.578906   -58.877094
-924.974548  -121.132146    -5940.798
 0.75000    -14.776792  -852.062379   -58.877094
-918.303692   -83.775599    -5412.378
 1.00000    -14.776792  -827.417177   -58.877094
-911.760186   -57.220999    -4931.073

 COMB      CAR ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     15.247470    95.930346    74.159964
869.616769   243.196593   850.853869
 0.25000     15.247470    97.751192    74.159964
860.466376   180.079018   795.234694
 0.50000     15.247470   108.012082    74.159964
851.455465   120.766804   800.457878
 0.75000     15.247470   121.003471    74.159964
842.637260    69.645263   829.862421
 1.00000     15.247470   135.634258    74.159964
839.549249    25.012986   909.588957

 COMB      CAR ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -929.086594   -58.877094
-938.728801  -218.936641    -7104.110
 0.25000    -14.776792  -903.438568   -58.877094
-931.782373  -168.740117    -6511.295
 0.50000    -14.776792  -877.578906   -58.877094
-924.974548  -121.132146    -5940.798
 0.75000    -14.776792  -852.062379   -58.877094
-918.303692   -83.775599    -5412.378
 1.00000    -14.776792  -827.417177   -58.877094
-911.760186   -57.220999    -4931.073

 COMB      DESIGN ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     15.247470    95.930346    74.159964
869.616769   243.196593   850.853869
 0.25000     15.247470    97.751192    74.159964
860.466376   180.079018   795.234694
 0.50000     15.247470   108.012082    74.159964
851.455465   120.766804   800.457878
 0.75000     15.247470   121.003471    74.159964
842.637260    69.645263   829.862421
 1.00000     15.247470   135.634258    74.159964
839.549249    25.012986   909.588957

 COMB      DESIGN ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -929.086594   -58.877094
-938.728801  -218.936641    -7104.110
 0.25000    -14.776792  -903.438568   -58.877094
-931.782373  -168.740117    -6511.295
 0.50000    -14.776792  -877.578906   -58.877094
-924.974548  -121.132146    -5940.798
 0.75000    -14.776792  -852.062379   -58.877094
-918.303692   -83.775599    -5412.378
 1.00000    -14.776792  -827.417177   -58.877094
-911.760186   -57.220999    -4931.073

 ELEM      68 ================== LENGTH
=     4.957870

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      5.915719    22.244417     1.285051
180.137089    10.042910   173.976834
 0.25000      5.915719    22.649307     1.285051
181.163051    13.844293   151.196036
 0.50000      5.915719    23.196891     1.285051
182.360165    17.993715   219.712200
 0.75000      5.915719    23.799739     1.285051
183.593248    22.306330   316.753189
 1.00000      5.915719    24.434455     1.285051
185.218461    26.735383   423.612440

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -2.959491  -116.154911    -3.681280
-487.917821   -13.167206   -924.994658
 0.25000     -2.959491  -115.473164    -3.681280
-486.270473   -11.496355   -903.571822
 0.50000     -2.959491  -114.812530    -3.681280
-485.054395    -9.886272   -882.167895
 0.75000     -2.959491  -114.189891    -3.681280
-483.329433    -9.352065   -861.340688
 1.00000     -2.959491  -113.623317    -3.681280
-482.585265    -6.956596   -840.671326

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      7.048297    42.274972     9.775593
280.747566    24.728810   390.126948
 0.25000      7.048297    46.300667     9.775593
289.997100    20.290347   423.894817
 0.50000      7.048297    51.815857     9.775593
300.788650    20.618369   603.986267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  1001

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -929.086594   -58.877094
-938.728801  -218.936641    -7104.110
 0.25000    -14.776792  -903.438568   -58.877094
-931.782373  -168.740117    -6511.295
 0.50000    -14.776792  -877.578906   -58.877094
-924.974548  -121.132146    -5940.798
 0.75000    -14.776792  -852.062379   -58.877094
-918.303692   -83.775599    -5412.378
 1.00000    -14.776792  -827.417177   -58.877094
-911.760186   -57.220999    -4931.073

 COMB      DESIGN ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     15.247470    95.930346    74.159964
869.616769   243.196593   850.853869
 0.25000     15.247470    97.751192    74.159964
860.466376   180.079018   795.234694
 0.50000     15.247470   108.012082    74.159964
851.455465   120.766804   800.457878
 0.75000     15.247470   121.003471    74.159964
842.637260    69.645263   829.862421
 1.00000     15.247470   135.634258    74.159964
839.549249    25.012986   909.588957

 COMB      DESIGN ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000    -14.776792  -929.086594   -58.877094
-938.728801  -218.936641    -7104.110
 0.25000    -14.776792  -903.438568   -58.877094
-931.782373  -168.740117    -6511.295
 0.50000    -14.776792  -877.578906   -58.877094
-924.974548  -121.132146    -5940.798
 0.75000    -14.776792  -852.062379   -58.877094
-918.303692   -83.775599    -5412.378
 1.00000    -14.776792  -827.417177   -58.877094
-911.760186   -57.220999    -4931.073

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000      8.608267    68.519896     6.428169
227.820416    22.643187   653.853008
 0.25000      8.608267    91.381520     6.428169
227.820416    23.745773   871.127816
 0.50000      8.608267   123.479510     6.428169
227.820416    27.740587  1188.902
 0.75000      8.608267   158.656069     6.428169
227.820416    34.293844  1495.540
 1.00000      8.608267   195.395267     6.428169
227.820416    41.149522  1780.307

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P           V2          V3
      T              M2          M3
 0.00000     -8.155356  -603.011138    -6.086679
-645.801259   -38.991602    -2449.501
 0.25000     -8.155356  -563.480017    -6.086679
-645.972908   -39.149766    -2348.160
 0.50000     -8.155356  -524.995680    -6.086679
-647.903620   -40.440317    -2248.232
 0.75000     -8.155356  -488.699028    -6.086679
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-649.878935  -44.470708   -2149.671
 1.00000     -8.155356  -455.664228     -6.086679
-651.928014  -48.988352   -2052.227

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.739207    71.219506    6.121431
467.610655   21.015524   680.460298
 0.25000    9.739207    90.023508    6.121431
467.610655   22.567721   879.495287
 0.50000    9.739207   116.419881    6.121431
467.610655   28.906029    1216.978
 0.75000    9.739207   145.345307    6.121431
467.610655   39.318347    1567.280
 1.00000    9.739207   175.556530    6.121431
467.610655   50.325911    1917.683

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.903986  -606.786093   -9.710476
-630.903923  -42.175708   -2690.668
 0.25000   -7.903986  -574.278799   -9.710476
-630.903923  -40.650222   -2580.675
 0.50000   -7.903986  -542.632633   -9.710476
-630.903923  -41.655836   -2471.889
 0.75000   -7.903986  -512.786033   -9.710476
-630.903923  -45.548697   -2364.291
 1.00000   -7.903986  -485.622001   -9.710476
-631.265400  -50.043642   -2257.730

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.881650    28.887372    9.357031
 80.784923   16.744955   310.854670
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1002

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    1.881650    41.533866    9.357031
 97.870682   8.119214   456.861737
 0.50000    1.881650    59.028198    9.357031
117.788300   3.723438   607.176771
 0.75000    1.881650    78.202847    9.357031
138.278584   3.004113   748.017436
 1.00000    1.881650    98.316712    9.357031
165.367966   2.890860   876.115552

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.947765  -300.843241   -0.667766
-355.024781  -14.715186  -991.565954
 0.25000   -5.947765  -279.237306   -0.667766
-327.528412  -17.671884  -940.463869
 0.50000   -5.947765  -258.240676   -0.667766
-307.230598  -22.282092  -890.028707
 0.75000   -5.947765  -238.445324   -0.667766
-286.766310  -30.520994  -840.161220
 1.00000   -5.947765  -220.430141   -0.667766
-265.990164  -39.788931  -790.993663

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.404955    56.084066    6.265065
169.198690   15.582098   609.120065
 0.25000    5.404955    81.052125    6.265065
169.198690   12.386872   901.327799
 0.50000    5.404955   116.099705    6.265065
169.198690   15.783385    1196.445
 0.75000    5.404955   154.542264    6.265065
169.198690   22.405186    1468.945
 1.00000    5.404955   194.616293    6.265065
169.198690   29.529934    1713.818

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.472636  -590.820193   -6.411325
-187.833826  -34.772108   -1912.482
 0.25000   -6.472636  -547.659545   -6.411325
-187.833826  -34.640911   -1813.545
 0.50000   -6.472636  -505.642357   -6.411325
-187.833826  -37.123872   -1715.958
 0.75000   -6.472636  -466.014700   -6.411325
-187.833826  -43.431549   -1619.530
 1.00000   -6.472636  -429.945475   -6.411325
-187.833826  -50.509176   -1524.489

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.651944    68.219137    9.084251
284.230749   19.837454   679.692531
 0.25000    7.651944    90.945205    9.084251
284.230749   18.561165   929.803653
 0.50000    7.651944   122.840939    9.084251
284.230749   24.068368    1269.865
 0.75000    7.651944   157.789033    9.084251
284.230749   31.967140    1604.457
 1.00000    7.651944   194.297263    9.084251
284.230749   40.433841    1926.233

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.251646  -632.309522   -7.586817
-535.864195  -41.618499126   -2488.096
 0.25000   -7.251646  -593.032224   -7.586817
-535.864195  -41.018008   -2375.691
 0.50000   -7.251646  -554.795847   -7.586817
-535.864195  -42.332382   -2264.503
 0.75000   -7.251646  -518.734603   -7.586817
-535.864195  -49.077460   -2154.354
 1.00000   -7.251646  -485.909861   -7.586817
-535.864198  -59.769823   -2045.432
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1003

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.035950    71.287899    8.752587
526.480236   21.623446   671.549926
 0.25000    7.035950    90.438391    8.752587
526.480236   20.301015   875.397926
 0.50000    7.035950   117.319871    8.752587
526.480236   23.488883    1221.180
 0.75000    7.035950   146.776153    8.752587
526.480236   29.321734    1574.845
 1.00000    7.035950   177.542064    8.752587
526.480236   37.968773    1927.666

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.647604  -610.250761   -7.649679
-544.450145  -38.384059   -2692.662
 0.25000   -7.647604  -577.146560   -7.649679
-544.450145  -39.256923   -2581.150
 0.50000   -7.647604  -544.919393   -7.649679
-544.450145  -41.870250   -2470.653
 0.75000   -7.647604  -514.524995   -7.649679
-544.450145  -48.935395   -2361.018
 1.00000   -7.647604  -486.859913   -7.649679
-544.450145  -59.280786   -2252.390

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.918381    22.138957    2.593541
474.408507   12.591057   171.381521
 0.25000    1.918381    22.595951    2.593541
472.370186   10.020257   149.777838
 0.50000    1.918381    23.257930    2.593541
470.867620    7.765960   232.588789
 0.75000    1.918381    23.983340    2.593541
469.353172    5.620161   335.503203
 1.00000    1.918381    24.736739    2.593541
467.815453    3.574370   449.213260

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.131276  -120.799425   -1.049274
-161.566779   -3.742699  -917.902235
 0.25000   -3.131276  -119.388171   -1.049274
-162.842417   -6.460544  -897.076699
 0.50000   -3.131276  -119.195810   -1.049274
-164.334120   -9.297302  -876.622695
 0.75000   -3.131276  -118.448004   -1.049274
-165.874865  -12.201581  -856.387517
 1.00000   -3.131276  -117.770112   -1.049274
-167.892096  -15.147204  -836.173405

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.592909    42.070325    3.192038
813.753359   15.445011   393.269767
 0.25000    5.592909    46.976312    3.192038
794.847369   13.085135   443.798731
 0.50000    5.592909    54.052055    3.192038
780.911690   17.409676   638.870317
 0.75000    5.592909    61.805941    3.192038
766.866013   22.698898   864.178837
 1.00000    5.592909    69.863216    3.192038
752.604415   28.690284    1109.439

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.627793  -311.711698   -7.940224
-258.194676  -20.091798   -1720.094
 0.25000   -4.627793  -303.034478   -7.940224
-270.037532  -19.384982   -1661.211
 0.50000   -4.627793  -294.563103   -7.940224
-283.881362  -20.854631   -1603.003
 0.75000   -4.627793  -286.568811   -7.940224
-298.182364  -23.659809   -1545.138
 1.00000   -4.627793  -279.317944   -7.940224
-316.896889  -26.975807   -1487.697
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1004

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.211319    67.750339    3.805900
595.645418   19.781757   649.435070
 0.25000    6.211319    90.833678    3.805900
595.645418   18.582788   875.075071
 0.50000    6.211319   123.206382    3.805900
595.645418   20.946635    1201.553
 0.75000    6.211319   158.684850    3.805900
595.645418   24.167013    1510.490
 1.00000    6.211319   195.748929    3.805900
595.645418   27.843926    1797.471

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.399363  -605.837923   -6.113580
-226.852526  -31.565334   -2407.280
 0.25000   -6.399363  -565.963742   -6.113580
-226.697085  -33.729544   -2307.994
 0.50000   -6.399363  -527.146538   -6.113580
-226.550537  -37.102642   -2210.194
 0.75000   -6.399363  -490.537936   -6.113580
-226.393139  -41.876986   -2113.417
 1.00000   -6.399363  -457.213799   -6.113580
-226.245519  -45.653716   -2017.761

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.427870    70.980615    10.466423
592.937201   25.874087   675.365170
 0.25000    6.427870    89.872796    10.466423
592.937201   20.779809   872.681765
 0.50000    6.427870   116.390966    10.466423
592.937201   21.921848    1215.689
 0.75000    6.427870   145.448727    10.466423
592.937201   25.626937    1566.378
 1.00000    6.427870   175.798529    10.466423
592.937201   29.777582    1916.848

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.256828  -606.786167   -6.035541
-484.074151  -35.353443   -2676.242
 0.25000   -9.256828  -574.129665   -6.035541
-484.074151  -37.644241   -2567.340
 0.50000   -9.256828  -542.338386   -6.035541
-484.074151  -41.987632   -2459.696
 0.75000   -9.256828  -512.355182   -6.035541
-484.074151  -53.851567   -2352.934
 1.00000   -9.256828  -485.064116   -6.035541
-484.074151  -66.252781   -2247.202

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.096187    34.940307    1.693556
290.832487   10.239385   247.403907
 0.25000   12.096187    35.266001    1.693556
291.301257   10.030879   238.768348
 0.50000   12.096187    35.638946    1.693556
292.717342   23.980535   267.682926
 0.75000   12.096187    36.044938    1.693556
293.794673   31.961350   319.511259
 1.00000   12.096187    36.465413    1.693556
294.963922   40.126906   391.403897

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.612701  -157.682429   -7.837993
-615.596831  -18.1421123   -1575.239
 0.25000   -3.612701  -157.115833   -7.837993
-614.293448  -15.756512   -1429.996
 0.50000   -3.612701  -156.554318   -7.837993
-613.051387  -14.863809   -1303.647
 0.75000   -3.612701  -156.016087   -7.837993
-611.874645  -14.211876   -1198.498
 1.00000   -3.612701  -155.520020   -7.837993
-610.755554  -13.730983   -1114.089
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1005

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.992749    65.358514    11.988247
447.497983   23.837670   535.914834
 0.25000   12.992749    68.110974    11.988247
453.994833   22.156519   540.607465
 0.50000   12.992749    71.262807    11.988247
461.139219   25.965781   610.486841
 0.75000   12.992749    74.694053    11.988247
468.938759   33.370099   734.327611
 1.00000   12.992749    78.247752    11.988247
477.409730   41.401990   898.385525

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.578546  -379.395850   -7.775893
-1013.111   -33.387733   -3104.578
 0.25000  -11.578546  -374.606627   -7.775893
-1003.659   -35.649754   -2771.218
 0.50000  -11.578546  -369.859992   -7.775893
-994.673520   -42.462966   -2481.322
 0.75000  -11.578546  -365.310900   -7.775893
-986.117455   -53.310423   -2232.897
 1.00000  -11.578546  -361.115361   -7.775893
-978.015504   -64.944477   -2027.091

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.846569   106.977581    9.393505
402.462615   22.722664   877.595685
 0.25000   13.846569   125.546226    9.393505
397.290836   24.795118   969.151230
 0.50000   13.846569   146.808643    9.393505
392.412183   31.801206    1107.445
 0.75000   13.846569   169.957453    9.393505
387.837763   41.631612    1273.190
 1.00000   13.846569   193.943651    9.393505
383.577198   51.929673    1456.168

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.804513  -695.523826   -9.787433
-817.923475   -54.984320   -4498.311
 0.25000  -11.804513  -663.137207   -9.787433
-822.070948   -55.868102   -3975.711
 0.50000  -11.804513  -631.046736   -9.787433
-826.610364   -61.004556   -3520.131
 0.75000  -11.804513  -600.290222   -9.787433
-831.543306   -69.224668   -3124.478
 1.00000  -11.804513  -571.934401   -9.787433
-836.865003   -77.932200   -2789.561

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.098625   109.280367    9.240112
646.299694   23.168293   909.529466
 0.25000   15.098625   124.566091    9.240112
642.744017   24.575806   989.863756
 0.50000   15.098625   142.068377    9.240112
639.398242   33.455957    1135.236
 0.75000   15.098625   161.123398    9.240112
636.269106   46.749801   1329.472
 1.00000   15.098625   180.867313    9.240112
633.364551   61.304936    1554.965

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.319471  -716.222845   -13.662177
-815.386783   -60.740472   -4860.805
 0.25000  -11.319471  -689.564326   -13.662177
-818.310122   -57.399598   -4297.050
 0.50000  -11.319471  -663.149099   -13.662177
-821.509516   -60.409295   -3806.240
 0.75000  -11.319471  -637.832418   -13.662177
-824.981471   -67.763608   -3381.408
 1.00000  -11.319471  -614.490716   -13.662177
-828.725063   -76.008165   -3023.641
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1006

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.068678    45.488288    11.195967
127.148937   14.375681   399.523232
 0.25000    2.068678    55.871727    11.195967
143.493085   13.020102   454.056667
 0.50000    2.068678    67.762080    11.195967
161.463533    3.898630   518.411755
 0.75000    2.068678    80.705005    11.195967
181.135137    3.903774   592.234996
 1.00000    2.068678    94.115351    11.195967
202.424949    4.419796   668.695534

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.444808  -332.150724   -1.018911
-381.019972  -21.822421   -1849.285
 0.25000   -9.444808  -314.070744   -1.018911
-357.186264   -25.936649   -1612.233
 0.50000   -9.444808  -296.152533   -1.018911
-334.400300   -34.252870   -1405.618
 0.75000   -9.444808  -278.979712   -1.018911
-312.742696   -45.813072   -1223.245
 1.00000   -9.444808  -263.137753   -1.018911
-292.221622   -58.122320   -1066.116

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.190019    88.740140    8.465134
210.915316   14.715580   786.128967
 0.25000    6.190019   109.509770    8.465134
210.915316   11.488556   896.863036
 0.50000    6.190019   133.285525    8.465134
210.915316   15.341623    1025.799
 0.75000    6.190019   159.170209    8.465134
210.915316   22.793425    1172.056
 1.00000    6.190019   185.991101    8.465134
210.915316   31.384805    1322.299

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.674937  -655.278317   -7.758731
-233.625581   -50.478955   -3605.243
 0.25000   -9.674937  -619.067737   -7.758731
-233.625581   -49.408310   -3140.622
 0.50000   -9.674937  -583.188452   -7.758731
-233.625581   -54.061988   -2735.937
 0.75000   -9.674937  -548.801647   -7.758731
-233.625581   -62.763598   -2379.102
 1.00000   -9.674937  -517.090814   -7.758731
-233.625581   -72.307432   -2072.326

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.291667   104.976605    11.778016
402.368376   21.606364   896.873391
 0.25000   10.291667   123.950389    11.778016
402.368376   19.787816   999.397898
 0.50000   10.291667   145.667981    11.778016
402.368376   26.019910    1147.879
 0.75000   10.291667   169.311841    11.778016
402.368376   35.457865    1330.702
 1.00000   10.291667   193.810829    11.778016
402.368376   46.051339    1531.579

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.723138  -730.321157   -9.871740
-670.930400   -59.066862   -4648.023
 0.25000  -11.723138  -697.245647   -9.871740
-670.290744   -58.740126   -4114.774
 0.50000  -11.723138  -664.473417   -9.871740
-669.651089   -65.060504   -3649.654
 0.75000  -11.723138  -633.064518   -9.871740
-669.011433   -76.558039   -3243.322
 1.00000  -11.723138  -604.098035   -9.871740
-668.371778   -89.716175   -2896.677
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1007

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.057861   107.767706    11.991259
686.468504   24.770817   898.406935
 0.25000   10.057861   123.809802    11.991259
686.468504   22.070530   988.719110
 0.50000   10.057861   142.173777    11.991259
686.468504   26.552527    1140.929
 0.75000   10.057861   162.166651    11.991259
686.468504   34.978572    1336.892
 1.00000   10.057861   182.882636    11.991259
686.468504   45.365939    1559.732

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.084807  -722.751347   -9.954069
-707.435066   -55.975994   -4931.401
 0.25000  -12.084807  -694.782933   -9.954069
-707.435066   -55.922357   -4379.112
 0.50000  -12.084807  -667.070405   -9.954069
-707.435066   -62.068276   -3897.826
 0.75000  -12.084807  -640.510642   -9.954069
-707.435066   -73.584910   -3481.016
 1.00000  -12.084807  -616.017752   -9.954069
-707.435066   -86.625876   -3128.708

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.433362    34.169849    6.231810
583.682748   17.154232   242.987756
 0.25000    2.433362    34.572323    6.231810
582.040539   12.262543   239.228790
 0.50000    2.433362    35.035139    6.231810
580.478157    8.528440   272.809703
 0.75000    2.433362    35.539107    6.231810
578.997576    6.421269   329.492155
 1.00000    2.433362    36.061393    6.231810
577.594941    5.584409   406.271788

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.730008  -161.739225   -1.682054
-248.953442   -6.940134   -1561.541
 0.25000   -5.730008  -161.031177   -1.682054
-250.109470   -8.942748   -1414.760
 0.50000   -5.730008  -160.332521   -1.682054
-251.378317  -12.011390   -1288.127
 0.75000   -5.730008  -159.661481   -1.682054
-252.763472  -16.683229   -1183.440
 1.00000   -5.730008  -159.045210   -1.682054
-254.265856  -22.566128   -1100.227

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.948358    64.145726    6.974003
936.671607   20.117182   532.533517
 0.25000    7.948358    67.792055    6.974003
924.254757   16.221596   548.189014
 0.50000    7.948358    71.981666    6.974003
912.449693   18.833189   625.640904
 0.75000    7.948358    76.543620    6.974003
901.279579   24.878992   764.274927
 1.00000    7.948358    81.271308    6.974003
890.649022   33.456859   920.404890

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.265673  -387.563694   -10.449929
-386.332023   -32.035641   -3050.327
 0.25000   -7.265673  -381.158505   -10.449929
-395.094104   -26.937120   -2722.698
 0.50000   -7.265673  -374.835583   -10.449929
-404.740359   -26.807714   -2438.936
 0.75000   -7.265673  -368.726586   -10.449929
-415.239334   -30.548328   -2197.667
 1.00000   -7.265673  -363.182356   -10.449929
-426.623123   -36.178737   -1995.967
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <                 MOVING              LOAD                >
                                        1008

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.689535   104.350360    8.473789
741.171864   23.514443   859.251254
 0.25000    7.689535   123.139498    8.473789
743.849349   19.914609   956.748397
 0.50000    7.689535   144.641036    8.473789
746.803045   21.442761    1098.105
 0.75000    7.689535   168.049322    8.473789
750.052870   25.989169    1265.130
 1.00000    7.689535   192.304096    8.473789
753.613832   32.450019    1447.513

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.668762  -688.952777   -8.274659
-373.059147   -47.784722   -4369.670
 0.25000  -10.668762  -656.216867   -8.274659
-368.430210   -47.324821   -3857.244
 0.50000  -10.668762  -623.768163   -8.274659
-363.972899   -50.960563   -3411.654
 0.75000  -10.668762  -592.675958   -8.274659
-359.681343   -57.619267   -3025.560
 1.00000  -10.668762  -563.995100   -8.274659
-355.555804   -65.679826   -2699.710

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.509614   108.525688    15.189250
773.283022   29.992672   901.910618
 0.25000    8.509614   123.969502    15.189250
774.943806   22.716570   984.640162
 0.50000    8.509614   141.643835    15.189250
776.779490   23.783684    1131.812
 0.75000    8.509614   160.885588    15.189250
778.803215   28.900853    1326.480
 1.00000    8.509614   180.823183    15.189250
781.026454   35.843777    1551.245
```

COMB DL-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-14.597819	-714.950259		-8.379985		
-665.510937	-51.830058	-4894.245				
0.25000	-14.597819	-688.035518		-8.379985		
-662.481430	-53.844232	-4342.871				
0.50000	-14.597819	-661.367203		-8.379985		
-659.554896	-62.702139	-3858.266				
0.75000	-14.597819	-635.808510		-8.379985		
-656.729701	-77.739918	-3442.638				
1.00000	-14.597819	-612.233236		-8.379985		
-653.999885	-94.246568	-3092.094				

COMB DB ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	9.739207	71.287899		10.466423		
813.753359	25.874087	680.460298				
0.25000	9.739207	91.381520		10.466423		
794.847369	23.745773	929.803653				
0.50000	9.739207	123.479510		10.466423		
780.911690	28.906029	1269.865				
0.75000	9.739207	158.684850		10.466423		
766.866013	39.318347	1604.457				
1.00000	9.739207	195.748929		10.466423		
752.604415	50.325911	1927.666				

COMB DB ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-9.256828	-632.309522		-9.710476		
-850.972414	-42.175708	-2692.662				
0.25000	-9.256828	-593.032224		-9.710476		
-836.116271	-41.018008	-2581.150				
0.50000	-9.256828	-554.795847		-9.710476		
-825.149477	-42.332382	-2471.889				
0.75000	-9.256828	-518.734603		-9.710476		
-814.098039	-53.851567	-2364.291				
1.00000	-9.256828	-486.859913		-9.710476		
-802.880643	-66.252781	-2257.730				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1009

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	15.098625	109.280367		15.189250		
936.671607	29.992672	909.529466				
0.25000	15.098625	125.546226		15.189250		
924.254757	24.795118	999.397898				
0.50000	15.098625	146.808643		15.189250		
912.449693	33.455957	1147.879				
0.75000	15.098625	169.957453		15.189250		
901.242679	46.798801	1336.892				
1.00000	15.098625	193.943651		15.189250		
890.649022	61.304936	1559.732				

COMB DL ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-14.597819	-730.321157		-13.662177		
-1013.111	-60.740472	-4931.401				
0.25000	-14.597819	-697.245647		-13.662177		
-1003.659	-58.740126	-4379.112				
0.50000	-14.597819	-667.070405		-13.662177		
-994.673520	-65.060504	-3897.826				
0.75000	-14.597819	-640.510642		-13.662177		
-986.117455	-77.739918	-3481.016				
1.00000	-14.597819	-616.017752		-13.662177		
-978.015504	-94.246568	-3128.708				

COMB CAR ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	15.098625	109.280367		15.189250		
936.671607	29.992672	909.529466				
0.25000	15.098625	125.546226		15.189250		
924.254757	24.795118	999.397898				
0.50000	15.098625	146.808643		15.189250		
912.449693	33.455957	1269.865				
0.75000	15.098625	169.957453		15.189250		
901.242679	46.798801	1604.457				
1.00000	15.098625	195.748929		15.189250		
890.649022	61.304936	1927.666				

COMB CAR ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-14.597819	-730.321157		-13.662177		
-1013.111	-60.740472	-4931.401				
0.25000	-14.597819	-697.245647		-13.662177		
-1003.659	-58.740126	-4379.112				
0.50000	-14.597819	-667.070405		-13.662177		
-994.673520	-65.060504	-3897.826				
0.75000	-14.597819	-640.510642		-13.662177		
-986.117455	-77.739918	-3481.016				
1.00000	-14.597819	-616.017752		-13.662177		
-978.015504	-94.246568	-3128.708				

COMB DESIGN ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	15.098625	109.280367		15.189250		
936.671607	29.992672	909.529466				
0.25000	15.098625	125.546226		15.189250		
924.254757	24.795118	999.397898				
0.50000	15.098625	146.808643		15.189250		
912.449693	33.455957	1269.865				
0.75000	15.098625	169.957453		15.189250		
901.242679	46.798801	1604.457				
1.00000	15.098625	195.748929		15.189250		
890.649022	61.304936	1927.666				

COMB DESIGN ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-14.597819	-730.321157		-13.662177		
-1013.111	-60.740472	-4931.401				
0.25000	-14.597819	-697.245647		-13.662177		
-1003.659	-58.740126	-4379.112				
0.50000	-14.597819	-667.070405		-13.662177		
-994.673520	-65.060504	-3897.826				
0.75000	-14.597819	-640.510642		-13.662177		
-986.117455	-77.739918	-3481.016				
1.00000	-14.597819	-616.017752		-13.662177		
-978.015504	-94.246568	-3128.708				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1010

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 69 ========== LENGTH = 4.958128

COMB DB-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	5.775073	23.105167		3.325321		
64.855154	28.249898	425.184955				
0.25000	5.775073	23.605951		3.325321		
66.049772	25.052056	505.722830				
0.50000	5.775073	24.173236		3.325321		
67.253914	22.299556	596.232517				
0.75000	5.775073	24.790479		3.325321		
68.475479	19.939501	695.299995				
1.00000	5.775073	25.440227		3.325321		
70.135158	17.834586	800.092954				

COMB DB-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-3.059430	-107.017786		-0.874883		
-477.730214	-7.822241	-841.169236				
0.25000	-3.059430	-106.360578		-0.874883		
-476.067103	-7.773974	-810.172484				
0.50000	-3.059430	-105.725272		-0.874883		
-474.838590	-7.736873	-779.187395				
0.75000	-3.059430	-105.130143		-0.874883		
-473.613584	-7.715973	-748.292597				
1.00000	-3.059430	-104.592812		-0.874883		
-472.384426	-7.713826	-717.398212				

COMB DB-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	7.002194	60.340485		3.564320		
132.420881	32.698265	1072.981				
0.25000	7.002194	65.361912		3.564320		
143.194777	29.179827	1205.200				
0.50000	7.002194	71.047416		3.564320		
154.055380	27.168119	1362.527				
0.75000	7.002194	77.233504		3.564320		
165.074206	26.694085	1549.959				
1.00000	7.002194	83.743263		3.564320		
180.049110	26.491756	1754.742				

COMB DB-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-8.224358	-259.670283		-3.330520		
-829.608718	-42.229448	-1519.470				
0.25000	-8.224358	-253.085661		-3.330520		
-814.599199	-39.245906	-1459.615				
0.50000	-8.224358	-246.718168		-3.330520		
-803.509221	-36.271156	-1399.769				
0.75000	-8.224358	-240.753097		-3.330520		
-792.451652	-33.305714	-1340.084				
1.00000	-8.224358	-235.367416		-3.330520		
-781.357954	-30.356722	-1280.407				

COMB DB-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	8.774181	124.087045		3.725911		
93.994603	44.272559	1782.240				
0.25000	8.774181	153.255389		3.725911		
93.994603	41.937742	2044.194				
0.50000	8.774181	186.175899		3.725911		
93.994603	40.779767	2283.561				
0.75000	8.774181	221.983453		3.725911		
93.994603	41.420027	2503.585				
1.00000	8.774181	259.552811		3.725911		
93.994603	42.807882	2699.742				

COMB DB-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-8.444650	-523.372966		-4.912859		
-628.101206	-50.717075	-2052.777				
0.25000	-8.444650	-485.364927		-4.912859		
-630.046894	-46.769542	-1969.010				
0.50000	-8.444650	-448.486431		-4.912859		
-631.619605	-42.837027	-1885.253				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1011

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.75000	-8.444650	-413.924384		-4.912859		
-633.784402	-38.966574	-1801.778				
1.00000	-8.444650	-382.725937		-4.912859		
-636.668169	-35.176057	-1718.307				

COMB DB-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	9.814900	122.782679		4.255239		
347.834249	52.956541	1918.445				
0.25000	9.814900	146.772614		4.255239		
347.834249	49.599747	2173.604				
0.50000	9.814900	173.841260		4.255239		
347.834249	47.220689	2425.055				
0.75000	9.814900	203.287936		4.255239		
347.834249	46.435156	2682.495				
1.00000	9.814900	234.183737		4.255239		
347.834249	46.389593	2937.181				

COMB DB-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-8.149033	-522.707179		-4.687667		
-569.250783	-52.043685	-2257.890				
0.25000	-8.149033	-491.450701		-4.687667		
-569.250783	-48.114846	-2165.872				
0.50000	-8.149033	-461.123617		-4.687667		
-569.250783	-44.206589	-2073.872				
0.75000	-8.149033	-432.701953		-4.687667		
-569.804610	-40.337880	-1982.121				
1.00000	-8.149033	-407.044599		-4.687667		
-570.480043	-36.541522	-1890.374				

COMB DB-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	2.076382	63.265441		0.339336		
70.602501	3.939509	876.772319				
0.25000	2.076382	79.188893		0.339336		
90.550703	5.161943	980.748922				
0.50000	2.076382	97.185989		0.339336		
110.670114	6.995201	1072.109				
0.75000	2.076382	116.766264		0.339336		
131.096862	10.007161	1157.073				
1.00000	2.076382	137.346251		0.339336		
158.912069	13.181385	1231.203				

COMB DB-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-5.807692	-256.616274		-3.237626		
-344.996723	-39.812796	-791.131404				
0.25000	-5.807692	-235.798166		-3.237626		
-317.066713	-36.068765	-756.762412				
0.50000	-5.807692	-215.639154		-3.237626		
-296.397642	-32.326735	-722.393432				
0.75000	-5.807692	-196.751173		-3.237626		
-275.801330	-28.584989	-688.151674				
1.00000	-5.807692	-179.698671		-3.237626		
-255.152125	-24.845028	-653.920557				

COMB DB-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	5.691004	124.970054		1.753044		
154.245532	30.981534	1713.768				
0.25000	5.691004	156.822290		1.753044		
154.245532	30.477504	1919.292				
0.50000	5.691004	192.762217		1.753044		
154.245532	30.974674	2097.315				
0.75000	5.691004	231.859697		1.753044		
154.245532	33.157242	2259.248				
1.00000	5.691004	272.881341		1.753044		
154.245532	36.284743	2397.807				

COMB DB-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-6.726152	-503.347112		-4.907313		
-172.759941	-51.523858	-1524.401				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1012

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.25000	-6.726152	-461.846610		-4.907313		
-172.759941	-47.808785	-1458.366				
0.50000	-6.726152	-421.580283		-4.907313		
-172.759941	-42.117975	-1392.343				
0.75000	-6.726152	-383.844019		-4.907313		
-172.759941	-37.464523	-1326.564				
1.00000	-6.726152	-349.777403		-4.907313		
-172.759941	-32.892178	-1260.788				

COMB DB-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	7.834512	129.368812		2.727646		
181.835862	43.158536	1927.399				
0.25000	7.834512	158.355945		2.727646		
181.835862	41.542304	2174.802				
0.50000	7.834512	191.063032		2.727646		
181.835862	40.840855	2406.018				
0.75000	7.834512	226.644124		2.727646		
181.835862	41.519117	2633.075				
1.00000	7.834512	263.976619		2.727646		
181.835862	43.148666	2847.267				

COMB DB-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-7.421764	-541.385455		-5.326530		
-514.360163	-60.709214	-2045.714				
0.25000	-7.421764	-503.614349		-5.326530		
-514.309868	-55.355899	-1960.185				
0.50000	-7.421764	-466.969832		-5.326530		
-514.127255	-50.038730	-1874.666				
0.75000	-7.421764	-432.628304		-5.326530		
-513.988532	-44.747750	-1789.396				
1.00000	-7.421764	-401.624562		-5.326530		
-513.927264	-39.534161	-1704.131				

COMB DB-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	7.162838	121.543051		2.790909		
432.728288	40.246873	1927.577				
0.25000	7.162838	145.973704		2.790909		
432.728288	38.555179	2186.093				
0.50000	7.162838	173.539614		2.790909		
432.728288	37.624473	2438.009				
0.75000	7.162838	203.527367		2.790909		
432.728288	37.858301	2695.308				
1.00000	7.162838	234.990952		2.790909		
432.728288	38.853632	2948.453				

COMB DB-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-7.737432	-524.872376		-4.889615		
-455.090280	-60.605577	-2252.284				
0.25000	-7.737432	-493.041507		-4.889615		
-455.090280	-55.594173	-2159.992				
0.50000	-7.737432	-462.152249		-4.889615		
-455.090280	-50.602044	-2067.720				
0.75000	-7.737432	-433.213549		-4.889615		
-455.090280	-45.643063	-1975.655				
1.00000	-7.737432	-407.084467		-4.889615		
-455.090280	-40.746001	-1883.594				

COMB DB-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	2.042138	23.275854		1.667884		
460.936783	5.666800	447.470143				
0.25000	2.042138	23.871345		1.667884		
458.905847	4.785797	529.022144				
0.50000	2.042138	24.546469		1.667884		
457.412124	4.233526	621.948712				
0.75000	2.042138	25.280765		1.667884		
455.920850	3.918443	724.657678				
1.00000	2.042138	26.048657		1.667884		
454.421261	3.820558	834.264331				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1013

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-3.048125	-111.441145		-0.693314		
-55.450053	-15.943102	-835.626909				
0.25000	-3.048125	-110.664140		-0.693314		
-56.926984	-15.133784	-804.690292				
0.50000	-3.048125	-109.907425		-0.693314		
-58.413741	-14.331732	-773.797703				
0.75000	-3.048125	-109.197949		-0.693314		
-59.919389	-13.531511	-742.907954				
1.00000	-3.048125	-108.560366		-0.693314		
-61.954963	-12.745207	-712.018211				

COMB DB-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	5.640548	63.173610		3.406712		
790.113543	30.939764	1106.938				
0.25000	5.640548	69.547644		3.406712		
771.294837	27.729822	1244.078				
0.50000	5.640548	76.769392		3.406712		
757.458548	24.940514	1403.102				
0.75000	5.640548	84.624303		3.406712		
743.643657	22.595022	1589.060				
1.00000	5.640548	92.842280		3.406712		
729.749431	21.392829	1790.876				

COMB DB-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-4.635928	-271.042639		-1.829739		
-128.492755	-28.463535	-1486.877				
0.25000	-4.635928	-262.727352		-1.829739		
-142.109815	-27.126727	-1428.385				
0.50000	-4.635928	-254.633294		-1.829739		
-155.978661	-24.985655	-1369.951				
0.75000	-4.635928	-247.044961		-1.829739		
-169.939850	-23.257654	-1311.577				
1.00000	-4.635928	-240.221384		-1.829739		
-188.807773	-21.546139	-1253.202				

COMB DB-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	6.558435	124.430727		2.819627		
577.222232	31.266641	1795.464				
0.25000	6.558435	153.858987		2.819627		
577.222232	30.189744	2057.149				
0.50000	6.558435	187.063606		2.819627		
577.222232	30.116315	2295.764				
0.75000	6.558435	223.186368		2.819627		
577.222232	31.103388	2515.357				
1.00000	6.558435	261.087400		2.819627		
577.222232	33.091613	2711.933				

COMB DB-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-6.602957	-525.850916		-4.041989		
-108.875467	-47.557534	-2017.052				
0.25000	-6.602957	-487.507594		-4.041989		
-108.070490	-43.780826	-1934.714				
0.50000	-6.602957	-450.305425		-4.041989		
-107.319185	-40.053731	-1852.424				
0.75000	-6.602957	-415.441634		-4.041989		
-106.613706	-36.353116	-1770.330				
1.00000	-6.602957	-383.965184		-4.041989		
-105.984323	-32.740471	-1688.236				

COMB DB-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	6.718385	122.250443		2.810845		
522.850418	33.533113	1916.009				
0.25000	6.718385	146.350816		2.810845		
522.850418	32.069779	2172.810				
0.50000	6.718385	173.544053		2.810845		
522.850418	31.649602	2425.019				
0.75000	6.718385	203.126463		2.810845		
522.850418	32.700851	2682.884				
1.00000	6.718385	234.164801		2.810845		
522.850418	34.591392	2937.864				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1014

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-9.329532	-523.249373		-5.300919		
-374.141997	-67.616117	-2246.870				
0.25000	-9.329532	-491.848727		-5.300919		
-374.141997	-62.088233	-2158.173				
0.50000	-9.329532	-461.381975		-5.300919		
-374.141997	-56.591028	-2063.516				
0.75000	-9.329532	-432.829623		-5.300919		
-374.141997	-51.119996	-1972.047				
1.00000	-9.329532	-407.053569		-5.300919		
-374.142000	-45.720092	-1880.583				

COMB DL-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	11.841447	32.437571		4.656062		
136.752756	42.724578	392.753385				
0.25000	11.841447	32.793784		4.656062		
137.677754	37.699484	457.050384				
0.50000	11.841447	33.195232		4.656062		
138.687673	32.856061	540.399622				
0.75000	11.841447	33.627873		4.656062		
139.775586	28.239647	664.160264				
1.00000	11.841447	34.072539		4.656062		
140.941922	23.869653	798.309651				

COMB DL-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-3.704845	-151.465164		-1.222592		
-585.392084	-16.336556	-1113.604				
0.25000	-3.704845	-150.940200		-1.222592		
-584.083072	-15.488765	-1030.374				
0.50000	-3.704845	-150.422576		-1.222592		
-582.842382	-14.722689	-970.199535				
0.75000	-3.704845	-149.929239		-1.222592		
-581.675237	-14.047041	-957.674811				
1.00000	-3.704845	-149.476910		-1.222592		
-580.585276	-13.491119	-956.735093				

COMB DL-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	12.841862	80.402764		4.877109		
243.901440	45.430590	900.331005				
0.25000	12.841862	83.413020		4.877109		
250.641644	40.497026	1002.766				
0.50000	12.841862	86.805558		4.877109		
257.942599	36.658403	1147.604				
0.75000	12.841862	90.461049		4.877109		
265.830708	33.580423	1379.616				
1.00000	12.841862	94.219281		4.877109		
274.290210	30.791164	1631.566				

COMB DL-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-11.476573	-324.437694		-5.404193		
-950.643883	-67.902601	-2026.285				
0.25000	-11.476573	-320.002189		-5.404193		
-941.098643	-62.200780	-1860.542				
0.50000	-11.476573	-315.628312		-5.404193		
-932.087966	-57.073145	-1738.443				
0.75000	-11.476573	-311.460180		-5.404193		
-923.617728	-52.146202	-1708.280				
1.00000	-11.476573	-307.637804		-5.404193		
-915.699299	-47.380586	-1699.566				

COMB DB-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	13.888767	145.714544		5.206461		
222.803580	56.288195	1457.766				
0.25000	13.888767	166.008537		5.206461		
217.931736	52.187883	1683.044				
0.50000	13.888767	188.884786		5.206461		
213.392331	49.228550	1870.297				
0.75000	13.888767	213.535152		5.206461		
209.170768	47.338908	2164.367				
1.00000	13.888767	238.874043		5.206461		
205.263765	46.030409	2447.188				

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1015

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-11.929261	-575.402272		-7.548219		
-766.712787	-80.940950	-2788.890				
0.25000	-11.929261	-545.518861		-7.548219		
-770.786571	-74.010437	-2546.002				
0.50000	-11.929261	-516.043398		-7.548219		
-775.173036	-67.615317	-2367.246				
0.75000	-11.929261	-487.983251		-7.548219		
-779.880354	-61.456867	-2320.032				
1.00000	-11.929261	-462.217934		-7.548219		
-784.920485	-55.488147	-2301.096				

COMB DL-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000	15.060246	147.669868		5.566446		
472.923993	64.771121	1555.621				
0.25000	15.060246	164.376051		5.566446		
469.621368	60.061428	1748.049				
0.50000	15.060246	183.206856		5.566446		
466.549515	56.354325	1980.386				
0.75000	15.060246	203.498056		5.566446		
463.701089	53.574942	2314.420				
1.00000	15.060246	224.356065		5.566446		
461.070076	51.387290	2646.685				

COMB DL-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000	-11.430436	-588.100082		-7.064810		
-711.431496	-78.481757	-3023.294				
0.25000	-11.430436	-563.500978		-7.064810		
-714.278166	-71.992455	-2782.437				
0.50000	-11.430436	-539.237753		-7.064810		
-717.340828	-66.009271	-2570.657				
0.75000	-11.430436	-516.123125		-7.064810		

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-720.626069  -60.264745   -2522.284
 1.00000   -11.430436  -494.929349    -7.064810
-724.139599   -54.684692   -2503.252

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.241633    71.785000    0.586960
 99.792210    5.523192   669.077744
 0.25000    2.241633    83.141711    0.586960
116.788562    6.068071   744.221214
 0.50000    2.241633    95.936084    0.586960
135.213079    7.526493   825.316804
 0.75000    2.241633   109.730182    0.586960
155.097265    9.543682   936.321892
 1.00000    2.241633   123.897463    0.586960
176.388452   11.673088  1038.007

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.259887  -262.273738   -5.374900
-354.015481   -57.895791   -1065.871
 0.25000   -9.259887  -245.547201   -5.374900
-329.807234   -52.071649  -964.504602
 0.50000   -9.259887  -229.052234   -5.374900
-307.029196   -46.761608  -889.102444
 0.75000   -9.259887  -213.337826   -5.374900
-285.544856   -41.623083  -866.560612
 1.00000   -9.259887  -198.916678   -5.374900
-265.439287   -36.570656  -855.083958

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.433850   141.819192    2.107813
181.579370   32.632153  1322.253
 0.25000    6.433850   164.519783    2.107813
181.579370   32.076703  1471.910
 0.50000    6.433850   190.100739    2.107813
181.579370   32.583965  1631.874
 0.75000    6.433850   217.665669    2.107813
181.579370   34.042784  1849.302
 1.00000    6.433850   246.000845    2.107813
181.579370   36.104009  2045.912
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1016

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.777697  -516.102138   -7.425305
-201.535844   -72.409921   -2072.272
 0.25000   -9.777697  -482.683469   -7.425305
-201.535844   -65.392952   -1875.783
 0.50000   -9.777697  -449.721495   -7.425305
-201.535844   -58.907903   -1730.457
 0.75000   -9.777697  -418.319831   -7.425305
-201.535844   -52.615583   -1688.591
 1.00000   -9.777697  -389.521538   -7.425305
-201.535844   -46.462404   -1666.779

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.420249   151.300370    3.552366
261.409387   49.639779  1532.498
 0.25000   10.420249   172.037606    3.552366
261.409387   47.257729  1718.506
 0.50000   10.420249   195.404267    3.552366
261.409387   45.766045  1931.896
 0.75000   10.420249   220.583190    3.552366
261.409387   45.099339  2229.236
 1.00000   10.420249   246.465758    3.552366
261.409528   45.029524  2514.057

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.772556  -587.769352   -8.231285
-612.822104   -91.503010   -2896.612
 0.25000   -11.772556  -557.242947   -8.231285
-612.044052   -83.316075   -2655.276
 0.50000   -11.772556  -527.133821   -8.231285
-611.247436   -75.551607   -2473.274
 0.75000   -11.772556  -498.449938   -8.231285
-610.441281   -70.211566   -2414.178
 1.00000   -11.772556  -472.142413   -8.231285
-609.634516   -60.559562   -2346.142

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.159126   145.165036    3.787677
546.674978   48.248521  1559.622
 0.25000   10.159126   162.698573    3.787677
546.674978   45.470361  1758.397
 0.50000   10.159126   182.456854    3.787677
546.674978   43.555927  1995.477
 0.75000   10.159126   203.747520    3.787677
546.674978   42.465091  2328.615
 1.00000   10.159126   225.633112    3.787677
546.674978   41.853103  2654.869

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -12.089304  -590.868818   -7.461210
-570.788936   -87.992000   -3128.918
 0.25000   -12.089304  -565.056826   -7.461210
-570.788936   -80.532837   -2872.261
 0.50000   -12.089304  -539.597577   -7.461210
-570.788936   -73.541935   -2680.570
 0.75000   -12.089304  -515.343485   -7.461210
-570.788936   -66.805442   -2624.555
 1.00000   -12.089304  -493.100191   -7.461210
-570.788936   -60.209844   -2566.515

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.549818   32.346232    1.705832
551.967476    6.178882  404.798773
 0.25000    2.549818   32.785460    1.705832
550.324804    5.156293  472.551659
 0.50000    2.549818   33.283216    1.705832
548.776524    4.535044  560.991254
 0.75000    2.549818   33.819433    1.705832
547.323132    4.453007  689.721274
 1.00000    2.549818   34.370713    1.705832
545.964815    4.528094  826.052169
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1017

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.667257  -154.917296   -1.169145
-109.886287   -22.178544   -1100.643
 0.25000   -5.667257  -154.267590   -1.169145
-111.073306   -21.373483   -1018.377
 0.50000   -5.667257  -153.626811   -1.169145
-112.361041   -20.813402   -960.044484
 0.75000   -5.667257  -153.016291   -1.169145
-113.749011   -20.676215   -950.289593
 1.00000   -5.667257  -152.458714   -1.169145
-115.235647   -20.658637   -948.794652

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.992337   81.714009    3.477146
879.783461   33.769220  918.343901
 0.25000    7.992337   85.693791    3.477146
867.359631   30.892334  1026.549
 0.50000    7.992337   90.200031    3.477146
855.658152   28.523516  1176.073
 0.75000    7.992337   95.055664    3.477146
844.684227   26.831564  1409.708
 1.00000    7.992337  100.045443    3.477146
834.415001   25.862925  1656.692

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.308092  -329.829294   -2.643921
-208.249629   -35.751717   -1996.560
 0.25000   -7.308092  -323.946981   -2.643921
-217.265955   -33.732591   -1837.028
 0.50000   -7.308092  -318.145214   -2.643921
-227.008376   -32.062533   -1721.291
 0.75000   -7.308092  -312.617072   -2.643921
-237.514725   -30.893164   -1694.487
 1.00000   -7.308092  -307.565437   -2.643921
-248.782688   -29.901225   -1682.970

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.973686   143.966516    3.269445
691.618979   33.790204  1445.827
 0.25000    7.973686   164.506422    3.269445
694.584938   32.424521  1642.046
 0.50000    7.973686   187.638296    3.269445
697.836116   32.044096  1859.878
 0.75000    7.973686   212.567328    3.269445
701.359063   32.729875  2151.561
 1.00000    7.973686   238.193270    3.269445
705.146320   34.119014  2427.646

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.787243  -569.761816   -6.094301
-212.642393   -65.428708   -2700.178
 0.25000  -10.787243  -539.536811   -6.094301
-207.660122   -60.257224   -2464.572
 0.50000  -10.787243  -509.729240   -6.094301
-202.908228   -55.607573   -2293.271
 0.75000  -10.787243  -481.324973   -6.094301
-198.398200   -51.519465   -2251.498
 1.00000  -10.787243  -455.271445   -6.094301
-194.139583   -47.687967   -2233.124

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.738786   146.525636    3.502143
660.307631   38.599780  1550.305
 0.25000    8.738786   163.408333    3.502143
661.982752   36.561114  1745.569
 0.50000    8.738786   182.422718    3.502143
664.050248   35.629789  1980.247
 0.75000    8.738786   202.914348    3.502143
666.292905   35.817445   2317.868
 1.00000    8.738786   223.978791    3.502143
668.710884   36.629586  2645.836
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1018

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.546814  -587.962467   -7.970569
-503.836904   -94.709987   -3092.370
 0.25000  -14.546814  -563.117851   -7.970569
-500.520216   -86.879164   -2935.471
 0.50000  -14.546814  -538.613092   -7.970569
-497.348656   -79.643513   -2645.241
 0.75000  -14.546814  -515.268240   -7.970569
-494.331055   -72.921141   -2592.146
 1.00000  -14.546814  -493.853621   -7.970569
-491.475215   -66.445818   -2558.736

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.814900   129.368812    4.255239
790.113543   52.956541  1927.577
 0.25000    9.814900   158.335945    4.255239
771.294837   49.599747  2186.093
 0.50000    9.814900   192.762217    4.255239
757.458548   47.220689  2438.009
 0.75000    9.814900   231.859697    4.255239
743.643657   46.351656  2695.308
 1.00000    9.814900   272.881341    4.255239
729.749431   46.389593  2948.453

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.329532  -541.382555   -5.326530
-829.608718   -67.616117   -2257.890
 0.25000   -9.329532  -503.614349   -5.326530
-814.599195   -62.089233   -2165.872
 0.50000   -9.329532  -466.969832   -5.326530
-803.509221   -56.591028   -2073.872
 0.75000   -9.329532  -433.213549   -5.326530
-792.451652   -51.119996   -1982.121
 1.00000   -9.329532  -407.084467   -5.326530
-781.357954   -45.720092   -1890.374

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.060246   151.300370    5.566446
879.783461   64.771121  1559.622
 0.25000   15.060246   172.037606    5.566446
867.359631   60.061428  1758.397
 0.50000   15.060246   195.404267    5.566446
855.658152   56.354325  1995.477
 0.75000   15.060246   220.583190    5.566446
844.684227   53.574942  2328.615
 1.00000   15.060246   246.465758    5.566446
834.415001   51.387290  2654.869

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.546814  -590.868818   -8.231285
-950.643883   -94.709987   -3128.918
 0.25000  -14.546814  -565.056826   -8.231285
-941.098643   -86.879164   -2872.261
 0.50000  -14.546814  -539.597577   -8.231285
-932.087966   -79.643513   -2680.570
 0.75000  -14.546814  -516.123125   -8.231285
-923.617728   -72.921141   -2624.555
 1.00000  -14.546814  -494.929349   -8.231285
-915.699299   -66.445818   -2566.515

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.060246   151.300370    5.566446
879.783461   64.771121  1927.577
 0.25000   15.060246   172.037606    5.566446
867.359631   60.061428  2186.093
 0.50000   15.060246   195.404267    5.566446
855.658152   56.354325  2438.009
 0.75000   15.060246   231.859697    5.566446
844.684227   53.574942  2695.308
 1.00000   15.060246   272.881341    5.566446
834.415001   51.387290  2948.453
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1019

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.546814  -590.868818   -8.231285
-950.643883   -94.709987   -3128.918
 0.25000  -14.546814  -565.056826   -8.231285
-941.098643   -86.879164   -2872.261
 0.50000  -14.546814  -539.597577   -8.231285
-932.087966   -79.643513   -2680.570
 0.75000  -14.546814  -516.123125   -8.231285
-923.617728   -72.921141   -2624.555
 1.00000  -14.546814  -494.929349   -8.231285
-915.699299   -66.445818   -2566.515

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.060246   151.300370    5.566446
879.783461   64.771121  1927.577
 0.25000   15.060246   172.037606    5.566446
867.359631   60.061428   2186.093
 0.50000   15.060246   195.404267    5.566446
855.658152   56.354325   2438.009
 0.75000   15.060246   231.859697    5.566446
844.684227   53.574942   2695.308
 1.00000   15.060246   272.881341    5.566446
834.415001   51.387290   2948.453

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.546814  -590.868818   -8.231285
-950.643883   -94.709987   -3128.918
 0.25000  -14.546814  -565.056826   -8.231285
-941.098643   -86.879164   -2872.261
 0.50000  -14.546814  -539.597577   -8.231285
-932.087966   -79.643513   -2680.570
 0.75000  -14.546814  -516.123125   -8.231285
-923.617728   -72.921141   -2624.555
 1.00000  -14.546814  -494.929349   -8.231285
-915.699299   -66.445818   -2566.515

 ELEM       70 ================ LENGTH
=    4.957515

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.648373   23.535955    3.315708
 69.385098   19.264252  801.559470
 0.25000    5.648373   24.048477    3.315708
 70.591598   16.208983  857.789816
 0.50000    5.648373   24.627909    3.315708
 71.810592   13.659584  923.757386
 0.75000    5.648373   25.257706    3.315708
 73.050021   11.572022  996.993832
 1.00000    5.648373   25.919118    3.315708
 74.737645    9.783291  1076.843

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.169903   -88.091212   -1.007074
-402.725574   -8.325525  -717.451162
 0.25000   -3.169903   -87.426254   -1.007074
-401.041689   -8.318038  -683.363479
 0.50000   -3.169903   -86.786767   -1.007074
-399.795073   -8.325821  -649.275795
 0.75000   -3.169903   -86.190177   -1.007074
-398.547637   -8.356845  -615.188112
 1.00000   -3.169903   -85.654427   -1.007074
-397.291432   -8.428100  -581.100430

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.970311   74.321842    3.688848
152.429615   29.157042  1756.958
 0.25000    6.970311   79.458916    3.688848
163.318498   26.905363  1840.826
 0.50000    6.970311   85.269101    3.688848
174.321309   25.181486  1945.651
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1020

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    6.970311   91.579094    3.688848
185.509523   24.119810  2079.652
 1.00000    6.970311   98.206153    3.688848
200.744020   23.491470  2231.752

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.225885  -221.328170   -4.005851
-720.979001   -30.930402   -1280.494
 0.25000   -8.225885  -214.665553   -4.005851
-705.773666   -27.301945   -1220.181
 0.50000   -8.225885  -208.255835   -4.005851
-694.518004   -23.720928   -1159.868
 0.75000   -8.225885  -202.275835   -4.005851
-683.253835   -20.235611   -1099.555
 1.00000   -8.225885  -196.905732   -4.005851
-671.911232   -16.957095   -1039.242

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.954885   155.422301    4.822760
105.769867   46.105725  2701.555
 0.25000    8.954885   185.183242    4.822760
105.750691   43.590923  2892.656
 0.50000    8.954885   218.836980    4.822760
105.750691   41.601636  3056.504
 0.75000    8.954885   255.401926    4.822760
105.750691   41.151118  3199.301
 1.00000    8.954885   293.672501    4.822760
105.750691   41.614028  3318.441

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.751239  -467.494652   -4.866380
-535.726292   -36.323709   -1718.346
 0.25000   -8.751239  -429.017131   -4.866380
-537.708523   -32.681161   -1638.016
 0.50000   -8.751239  -391.877156   -4.866380
-539.641565   -29.076837   -1557.687
 0.75000   -8.751239  -357.213417   -4.866380
-541.549376   -25.521531   -1477.357
 1.00000   -8.751239  -326.090400   -4.866380
-544.119879   -22.040525   -1397.027

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.904406   153.789532    5.487812
323.086799   49.324196  2937.889
 0.25000    9.904406   178.264686    5.487812
323.086799   45.593680  3114.825
 0.50000    9.904406   205.939376    5.487812
323.086799   42.988866  3283.455
 0.75000    9.904406   236.008548    5.487812
323.086799   41.619983  3454.804
 1.00000    9.904406   267.480725    5.487812
323.086799   41.834322  3623.804

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.413929  -461.361051   -4.669648
-494.732408   -37.836379   -1890.337
 0.25000   -8.413929  -429.718728   -4.669648
-494.732408   -34.143957   -1801.979
 0.50000   -8.413929  -399.176811   -4.669648
-495.078877   -30.495220   -1713.622
 0.75000   -8.413929  -370.671707   -4.669648
-495.624607   -26.899989   -1625.264
 1.00000   -8.413929  -345.076556   -4.669648
-496.186227   -23.379662   -1536.906

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.271371   84.833288    0.532155
 87.354477   14.544953  1231.816
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1021

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.271371   101.099222    0.532155
107.618290   15.656468  1305.051
 0.50000    2.271371   119.489841    0.532155
128.109394   17.070799  1363.315
 0.75000    2.271371   139.475613    0.532155
148.958410   18.837829  1414.570
 1.00000    2.271371   160.431735    0.532155
177.353556   20.898080  1455.671

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.674589  -232.487230   -3.343243
-321.239887   -24.874403   -653.935888
 0.25000   -5.674589  -211.418321   -3.343243
-292.872973   -20.868625   -623.650753
 0.50000   -5.674589  -191.121927   -3.343243
-271.834059   -16.966621   -593.365609
 0.75000   -5.674589  -172.183558   -3.343243
-250.795364   -13.196246   -563.080474
 1.00000   -5.674589  -155.176940   -3.343243
-229.631935    -9.683724   -532.795340

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.980320   166.658115    3.158807
150.549796   38.290224  2397.792
 0.25000    5.980320   199.155061    3.158807
150.549796   37.416030  2544.173
 0.50000    5.980320   235.899532    3.158807
150.549796   37.618730  2658.560
 0.75000    5.980320   275.823399    3.158807
150.549796   39.145387  2755.664
 1.00000    5.980320   317.610220    3.158807
150.549796   41.622652  2830.354

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.985602  -456.740703   -4.692406
-163.796615   -33.558648   -1260.734
 0.25000   -6.985602  -414.727985   -4.692406
-163.796615   -29.195527   -1202.504
 0.50000   -6.985602  -374.176484   -4.692406
-163.796615   -24.885068   -1144.273
 0.75000   -6.985602  -336.329503   -4.692406
-163.796615   -20.636564   -1086.043
 1.00000   -6.985602  -302.345536   -4.692406
-163.796615   -16.476629   -1027.812

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.026018   165.757540    4.170369
179.595647   46.162096  2322.583
 0.25000    8.026018   195.332731    4.170369
179.595647   43.822338  3022.880
 0.50000    8.026018   228.771648    4.170369
179.595647   42.512041  3174.985
 0.75000    8.026018   265.104442    4.170369
179.595647   42.506604  3320.002
 1.00000    8.026018   303.145112    4.170369
179.595647   43.452668  3452.742

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.621903  -483.253229   -5.419805
-453.364631   -40.158707   -1704.129
 0.25000   -7.621903  -445.019118   -5.419805
-452.987198   -34.764816   -1624.810
 0.50000   -7.621903  -408.115278   -5.419805
-452.536168   -29.654501   -1545.491
 0.75000   -7.621903  -373.673182   -5.419805
-452.155842   -25.713436   -1466.173
 1.00000   -7.621903  -342.744831   -5.419805
-451.868761   -21.894962   -1386.854
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                1022

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.335841   150.982103    3.907799
388.015189   41.427088  2948.333
 0.25000    7.335841   175.907248    3.907799
388.015189   39.078576  3130.346
 0.50000    7.335841   204.090243    3.907799
388.015189   37.771203  3298.381
 0.75000    7.335841   234.711834    3.907799
388.015189   37.726305  3467.576
 1.00000    7.335841   266.762309    3.907799
388.015189   38.530120  3633.497

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.862564  -463.078083   -5.098047
-403.690226   -41.580566   -1883.526
 0.25000   -7.862564  -430.854345   -5.098047
-403.690226   -36.376980   -1795.488
 0.50000   -7.862564  -399.751360   -5.098047
-403.690226   -31.418735   -1707.450
 0.75000   -7.862564  -370.722740   -5.098047
-403.690226   -27.427722   -1619.413
 1.00000   -7.862564  -344.657050   -5.098047
-403.690226   -23.549951   -1531.375

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.170056   23.803010    1.250791
388.989397    5.650945  832.640631
 0.25000    2.170056   24.411206    1.250791
386.946952    5.357516  889.517848
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 0.50000     2.170056    25.102102     1.250791
385.442965    5.254380   956.496570
 0.75000     2.170056    25.852508     1.250791
383.934387    5.324569  1032.341
 1.00000     2.170056    26.635269     1.250791
382.410530    5.509317  1115.221

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.983596  -92.047356   -1.030693
-61.188336  -13.200709 -711.925998
 0.25000   -2.983596  -91.260328   -1.030693
-62.660873  -12.010266 -677.946667
 0.50000   -2.983596  -90.497874   -1.030693
-64.146042  -10.825527 -643.967338
 0.75000   -2.983596  -89.765976   -1.030693
-65.653903   -9.659857 -609.988006
 1.00000   -2.983596  -89.149648   -1.030693
-67.705766   -8.488116 -576.008675

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.695425   77.570519    3.540785
690.673038  23.873626  1788.486
 0.25000    5.695425   84.079608    3.540785
671.760831  21.616347  1877.356
 0.50000    5.695425   91.469118    3.540785
657.834442  20.137628  1984.152
 0.75000    5.695425   99.495503    3.540785
643.866344  19.649919  2116.079
 1.00000    5.695425  107.871816    3.540785
629.758894  19.827161  2264.132

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.665440 -232.599781   -2.051720
-148.466441 -22.410281  -1253.036
 0.25000   -4.665440 -224.177860   -2.051720
-162.109635 -20.389983  -1194.027
 0.50000   -4.665440 -216.022968   -2.051720
-175.868655 -18.382896  -1135.017
 0.75000   -4.665440 -208.409224   -2.051720
-189.837911 -16.392884  -1076.008
 1.00000   -4.665440 -201.599499   -2.051720
-208.844517 -14.427319  -1016.999
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1023

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.912842  156.031684    3.661959
493.800947  36.450006  2710.062
 0.25000    6.912842  186.057798    3.661959
493.800947  35.007442  2901.167
 0.50000    6.912842  220.005225    3.661959
493.800947  34.702222  3064.648
 0.75000    6.912842  256.890882    3.661959
493.800947  35.626876  3206.599
 1.00000    6.912842  295.498390    3.661959
493.800947  37.466009  3325.632

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.827632  -470.099812   -3.844797
-117.828209 -33.914094  -1688.078
 0.25000   -6.827632  -431.283661   -3.844797
-116.670304 -30.463312  -1609.114
 0.50000   -6.827632  -393.818360   -3.844797
-115.640407 -27.074715  -1530.149
 0.75000   -6.827632  -358.852603   -3.844797
-114.681225 -23.758005  -1451.184
 1.00000   -6.827632  -327.452814   -3.844797
-113.811865 -20.528182  -1372.220

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.015957  152.899600    3.617342
459.766162  38.446083  2937.029
 0.25000    7.015957  177.487982    3.617342
459.766162  37.042090  3115.341
 0.50000    7.015957  205.289910    3.617342
459.766162  36.615039  3284.548
 0.75000    7.015957  235.497535    3.617342
459.766162  37.275130  3455.738
 1.00000    7.015957  267.114788    3.617342
459.766162  38.779428  3624.173

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.423924  -461.827205   -5.671260
-342.109604  -46.576923  -1880.489
 0.25000   -9.423924  -430.039037   -5.671260
-342.109604  -41.664171  -1732.452
 0.50000   -9.423924  -399.356544   -5.671260
-342.109604  -34.799569  -1704.415
 0.75000   -9.423924  -370.720449   -5.671260
-342.109604  -28.990368  -1616.378
 1.00000   -9.423924  -345.006956   -5.671260
-342.109605  -23.818183  -1528.340

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.650051   34.100623    4.622835
89.302369   26.545917  800.492595
 0.25000   11.650051   34.478640    4.622835
90.250391   21.843983  892.078500
 0.50000   11.650051   34.903132    4.622835
91.282739   17.395872  985.866549
 0.75000   11.650051   35.358997    4.622835
92.402605   13.422299  1081.388
 1.00000   11.650051   35.825036    4.622835
93.608207   10.973850  1179.541

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.812748  -125.973261   -1.370573
-477.715592 -15.765470 -957.257877
 0.25000   -3.812748  -125.460305   -1.370573
-476.414931 -15.024699 -950.731751
 0.50000   -3.812748  -124.955351   -1.370573
-475.187190 -14.435641 -944.215336
 0.75000   -3.812748  -124.474809   -1.370573
-474.024590 -14.156575 -937.594701
 1.00000   -3.812748  -124.037848   -1.370573
-472.928382 -15.240382 -931.003404
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1024

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.758105   93.229548    4.872068
182.240085  35.517100  1634.809
 0.25000   12.758105   96.424257    4.872068
189.102550  31.478926  1784.620
 0.50000   12.758105  100.011523    4.872068
196.594684  27.899199  1942.927
 0.75000   12.758105  103.863993    4.872068
204.713794  24.972860  2116.310
 1.00000   12.758105  107.802247    4.872068
213.452816  23.858363  2294.461

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.439430 -269.644231   -5.947997
-787.856296  -50.408461  -1700.409
 0.25000  -11.439430 -265.309645   -5.947997
-778.442528  -44.642910  -1690.324
 0.50000  -11.439430 -261.042519   -5.947997
-769.504030  -39.080315  -1680.262
 0.75000  -11.439430 -256.982025   -5.947997
-761.060207  -33.925787  -1669.943
 1.00000  -11.439430 -253.289332   -5.947997
-753.132070  -30.369942  -1659.639

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.001257  170.314097    5.994667
167.136892  51.343093  2449.835
 0.25000   14.001257  191.866025    5.994667
162.432922  46.969069  2711.229
 0.50000   14.001257  216.061065    5.994667
158.007526  43.321013  2943.405
 0.75000   14.001257  242.040134    5.994667
153.855373  40.795205  3149.105
 1.00000   14.001257  268.597325    5.994667
149.973941  40.520369  3322.675

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.117828 -491.493555   -7.328149
-629.193798  -58.767960  -2301.721
 0.25000  -12.117828 -462.260735   -7.328149
-633.113879  -52.542636  -2288.924
 0.50000  -12.117828 -433.490534   -7.328149
-637.371906  -46.525039  -2276.910
 0.75000  -12.117828 -406.116760   -7.328149
-641.976852  -40.972809  -2264.053
 1.00000  -12.117828 -381.229232   -7.328149
-646.942115  -37.151362  -2251.447

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.100437  173.708917    6.683939
376.389252  56.392490  2647.792
 0.25000   15.100437  191.450578    6.683939
373.215949  51.041959  2909.197
 0.50000   15.100437  211.366952    6.683939
370.233623  46.415158  3155.758
 0.75000   15.100437  232.751864    6.683939
367.439288  42.986395  3392.193
 1.00000   15.100437  254.612697    6.683939
364.832390  41.861760  3605.939

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.604872 -497.646951   -6.874232
-579.324904  -57.815028  -2503.441
 0.25000  -11.604872 -473.583561   -6.874232
-582.039700  -51.935599  -2490.207
 0.50000  -11.604872 -449.901000   -6.874232
-584.985055  -46.270878  -2477.553
 0.75000  -11.604872 -427.367926   -6.874232
-588.169234  -41.087320  -2464.194
 1.00000  -11.604872 -406.880391   -6.874232
-591.602556  -37.533071  -2451.034
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1025

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.426130   86.752362    0.816502
94.014713   13.549520  1038.790
 0.25000    2.426130   98.803608    0.816502
111.385198  14.203612  1138.978
 0.50000    2.426130  112.336305    0.816502
130.301422  15.194326  1223.540
 0.75000    2.426130  126.869029    0.816502
150.795837  16.559657  1288.566
 1.00000    2.426130  141.723498    0.816502
172.886010  18.706341  1352.456

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.133170 -225.623589   -5.368297
-315.180484 -37.085002 -855.253865
 0.25000   -9.133170 -209.275235   -5.368297
-291.209696 -31.620964 -850.999385
 0.50000   -9.133170 -193.180919   -5.368297
-268.495533  -26.241236  -847.186969
 0.75000   -9.133170 -177.865135   -5.368297
-247.109824  -21.086760  -842.897455
 1.00000   -9.133170 -163.937879   -5.368297
-226.932977  -16.626028  -838.788577

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.711579  171.126233    3.487532
158.103660  38.825859  2045.956
 0.25000    6.711579  195.233458    3.487532
158.103660  37.459734  2243.665
 0.50000    6.711579  222.289080    3.487532
158.103660  36.729609  2469.536
 0.75000    6.711579  251.339578    3.487532
158.103660  37.005912  2551.344
 1.00000    6.711579  281.036937    3.487532
158.103660  38.757215  2658.289

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.936857 -444.549569   -6.888290
-173.220339  -47.513703  -1666.696
 0.25000   -9.936857 -411.860750   -6.888290
-173.220339  -41.759599  -1659.062
 0.50000   -9.936857 -379.687231   -6.888290
-173.220339  -35.768603  -1652.247
 0.75000   -9.936857 -349.079216   -6.888290
-173.220339  -30.240401  -1644.538
 1.00000   -9.936857 -321.238108   -6.888290
-173.220339  -25.650237  -1637.156

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.597528  179.884228    5.005957
202.484742  49.655648  2515.638
 0.25000   10.597528  201.906333    5.005957
202.485278  46.256057  2765.050
 0.50000   10.597528  226.620001    5.005957
202.485119  43.545119  2989.398
 0.75000   10.597528  253.155850    5.005957
202.499269  42.019724  3194.208
 1.00000   10.597528  280.282653    5.005957
202.543862  42.485674  3366.620

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.885264 -500.489129   -8.226184
-504.226207  -62.876070  -2346.423
 0.25000  -11.885264 -470.629669   -8.226184
-503.288874  -55.141825  -2324.439
 0.50000  -11.885264 -441.240960   -8.226184
-502.343354  -47.625399  -2303.186
 0.75000  -11.885264 -413.282248   -8.226184
-501.410925  -41.093629  -2281.254
 1.00000  -11.885264 -387.849223   -8.226184
-500.515249  -36.155806  -2217.095
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1026

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.306186  170.814389    4.866910
435.634285  46.567898  2654.796
 0.25000   10.306186  189.434386    4.866910
435.634285  43.021219  2921.568
 0.50000   10.306186  210.331672    4.866910
435.634285  40.069835  3170.640
 0.75000   10.306186  232.769765    4.866910
435.634285  38.302768  3405.151
 1.00000   10.306186  255.707483    4.866910
435.634285  38.420997  3611.663

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.160990 -499.592835   -7.604874
-455.218167  -62.729576  -2566.368
 0.25000  -12.160990 -474.344567   -7.604874
-455.218167  -55.441727  -2544.550
 0.50000  -12.160990 -449.494308   -7.604874
-455.218167  -48.357140  -2523.315
 0.75000  -12.160990 -425.853215   -7.604874
-455.218167  -42.168977  -2501.546
 1.00000  -12.160990 -404.349234   -7.604874
-455.218167  -37.533709  -2444.578

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.670414   34.394069    1.260208
453.610060   6.214109  823.728997
 0.25000    2.670414   34.860739    1.260208
451.988995   5.540155  916.345144
 0.50000    2.670414   35.387368    1.260208
450.455018   5.039179  1011.824
 0.75000    2.670414   35.952745    1.260208
449.008424   4.840372  1109.312
 1.00000    2.670414   36.530529    1.260208
447.650484   5.159391  1208.620

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.640018 -128.576605   -1.878810
-74.873639  -21.165746  -948.187358
 0.25000   -5.640018 -127.942782   -1.878810
-76.075382  -19.290557  -941.415278
 0.50000   -5.640018 -127.316992   -1.878810
-77.383191  -17.485305  -934.536224
 0.75000   -5.640018 -126.721479   -1.878810
-78.800772  -15.910533  -927.784312
 1.00000   -5.640018 -126.182420   -1.878810
-80.329494  -14.830511  -920.899939

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.071407   95.059624    3.936458
737.588359  28.224362  1653.457
 0.25000    8.071407   99.288384    3.936458
725.346628  25.201175  1804.658
 0.50000    8.071407  104.055441    3.936458
713.752456  22.680878  1962.769
 0.75000    8.071407  109.173624    3.936458
702.824316  20.964295  2133.744
 1.00000    8.071407  114.404608    3.936458
692.563775  20.234191  2306.395

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.393278 -275.125135   -3.042242
-163.835825  -30.760878  -1682.068
 0.25000   -7.393278 -269.368573   -3.042242
-172.926044  -28.184055  -1670.011
 0.50000   -7.393278 -263.170233   -3.042242
-182.833156  -25.774207  -1650.553
 0.75000   -7.393278 -258.311430   -3.042242
-193.564831  -23.739668  -1638.485
 1.00000   -7.393278 -253.427357   -3.042242
-205.125515  -22.384395  -1626.586
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1027

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.290200  168.591258    4.086808
570.749497  37.649047  2425.026
 0.25000    8.290200  190.400446    4.086808
573.977569  35.601086  2682.934
 0.50000    8.290200  214.868722    4.086808
577.516802  34.245210  2911.450
 0.75000    8.290200  241.141026    4.086808
581.355735  33.389587  3110.063
 1.00000    8.290200  267.998724    4.086808
585.491337  35.307064  3281.041

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.968886 -487.138216   -5.932835
-166.075490  -49.013069  -2232.355
 0.25000  -10.968886 -457.586417   -5.932835
-161.043339  -44.101043  -2220.125
 0.50000  -10.968886 -428.488973   -5.932835
-156.251016  -39.377657  -2208.596
 0.75000  -10.968886 -400.867346   -5.932835
-151.702960  -35.085529  -2196.472
 1.00000  -10.968886 -375.620237   -5.932835
-147.413511  -31.907459  -2184.498

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.003761  172.371895    4.316730
537.113522  41.359169  2644.761
 0.25000    9.003761  190.297947    4.316730
539.202574  38.940764  2907.073
 0.50000    9.003761  210.410859    4.316730
541.492840  37.200417  3154.133
 0.75000    9.003761  232.006693    4.316730
543.978783  36.541780  3390.240
 1.00000    9.003761  254.083662    4.316730
546.659581  37.830869  3602.282

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.580066 -497.445534   -8.403722
-405.080289  -68.364370  -2558.370
 0.25000  -14.580066 -473.144312   -8.403722
-401.713333  -60.263471  -2537.940
 0.50000  -14.580066 -449.226330   -8.403722
-398.501128  -52.390940  -2518.033
 0.75000  -14.580066 -426.472145   -8.403722
-395.451911  -45.022110  -2497.623
 1.00000  -14.580066 -405.769608   -8.403722
-392.571244  -39.223384  -2461.326

 COMB DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.904406  166.658115    5.487812
690.673038  49.324196  2948.333
 0.25000    9.904406  199.155061    5.487812
671.760831  45.593680  3130.346
 0.50000    9.904406  235.899532    5.487812
657.834442  42.988666  3298.381
 0.75000    9.904406  275.823399    5.487812
643.866344  42.506604  3467.576
 1.00000    9.904406  317.610220    5.487812
629.758894  43.452668  3633.497

 COMB DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.423924 -483.253229   -5.671260
-720.979001  -46.576923  -1890.337
 0.25000   -9.423924 -445.019118   -5.671260
-705.773666  -40.664171  -1801.979
 0.50000   -9.423924 -408.115278   -5.671260
-694.518004  -34.799569  -1713.622
 0.75000   -9.423924 -373.673182   -5.671260
-683.253835  -28.990368  -1625.264
 1.00000   -9.423924 -345.076556   -5.671260
-671.981232  -23.818183  -1536.906
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1028

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.100437  179.884228    6.683939
737.588359  56.392490  2654.796
 0.25000   15.100437  201.906333    6.683939
725.346628  51.041959  2921.568
 0.50000   15.100437  226.620001    6.683939
713.752456  46.415158  3170.640
 0.75000   15.100437  253.155850    6.683939
702.824316  42.986395  3405.151
 1.00000   15.100437  281.036937    6.683939
692.563775  42.485674  3611.663

 COMB DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.580066 -500.489129   -8.403722
-787.856296  -68.364370  -2566.368
 0.25000  -14.580066 -474.344567   -8.403722
-778.442528  -60.263471  -2544.550
 0.50000  -14.580066 -449.901000   -8.403722
-769.504030  -52.390940  -2523.315
 0.75000  -14.580066 -427.367926   -8.403722
-761.060207  -45.022110  -2501.546
 1.00000  -14.580066 -406.880391   -8.403722
-753.132070  -39.223384  -2461.326

 COMB CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.100437  179.884228    6.683939
737.588359  56.392490  2948.333
 0.25000   15.100437  201.906333    6.683939
725.346628  51.041959  3130.346
 0.50000   15.100437  235.899532    6.683939
713.752456  46.415158  3298.381
 0.75000   15.100437  275.823399    6.683939
702.824316  42.986395  3467.576
 1.00000   15.100437  317.610220    6.683939
692.563775  43.452668  3633.497

 COMB CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.580066 -500.489129   -8.403722
-787.856296  -68.364370  -2566.368
 0.25000  -14.580066 -474.344567   -8.403722
-778.442528  -60.263471  -2544.550
 0.50000  -14.580066 -449.901000   -8.403722
-769.504030  -52.390940  -2523.315
 0.75000  -14.580066 -427.367926   -8.403722
-761.060207  -45.022110  -2501.546
 1.00000  -14.580066 -406.880391   -8.403722
-753.132070  -39.223384  -2461.326

 COMB DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.100437  179.884228    6.683939
737.588359  56.392490  2948.333
 0.25000   15.100437  201.906333    6.683939
725.346628  51.041959  3130.346
 0.50000   15.100437  235.899532    6.683939
713.752456  46.415158  3298.381
 0.75000   15.100437  275.823399    6.683939
702.824316  42.986395  3467.576
 1.00000   15.100437  317.610220    6.683939
692.563775  43.452668  3633.497

 COMB DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.580066 -500.489129   -8.403722
-787.856296  -68.364370  -2566.368
 0.25000  -14.580066 -474.344567   -8.403722
-778.442528  -60.263471  -2544.550
 0.50000  -14.580066 -449.901000   -8.403722
-769.504030  -52.390940  -2523.315
 0.75000  -14.580066 -427.367926   -8.403722
-761.060207  -45.022110  -2501.546
 1.00000  -14.580066 -406.880391   -8.403722
-753.132070  -39.223384  -2461.326
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1029

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       71 ================== LENGTH
=    4.958026

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.530873   25.212614    2.259325
69.991060  10.748714  1077.835
 0.25000    5.530873   25.737775    2.259325
71.232170   9.068732  1098.066
 0.50000    5.530873   26.330945    2.259325
72.477222   7.858127  1127.911
 0.75000    5.530873   26.972023    2.259325
73.733831   6.888760  1166.615
 1.00000    5.530873   27.645493    2.259325
75.438790   6.130411  1212.331

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.286479  -67.013738   -0.677913
-289.130233  -8.727463 -580.922372
 0.25000   -3.286479  -66.337212   -0.677913
-287.422865  -8.439240 -546.864218
 0.50000   -3.286479  -65.687244   -0.677913
-286.161945  -8.157063 -512.806065
 0.75000   -3.286479  -65.083278   -0.677913
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-284.910695   -7.879019 -478.747912
 1.00000    -3.286479   -64.543647    -0.677913
-283.660519   -7.606245 -444.689759

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.949293    89.656489    3.080863
180.118406   25.255001   2233.210
 0.25000    6.949293    94.920733    3.080863
191.324527   23.166831   2259.167
 0.50000    6.949293   100.857697    3.080863
202.567201   21.593434   2303.364
 0.75000    6.949293   107.292668    3.080863
213.914917   20.845878   2375.913
 1.00000    6.949293   114.041008    3.080863
229.309387   20.625064   2467.660

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.243928 -183.610868   -2.059547
-557.305852  -17.247614   -1038.999
 0.25000   -8.243928 -176.831816   -2.059547
-541.888746  -15.880392  -978.907825
 0.50000   -8.243928 -170.316744   -2.059547
-530.500215  -14.854792  -918.816474
 0.75000   -8.243928 -164.262492   -2.059547
-519.196808  -13.878293  -858.725123
 1.00000   -8.243928 -158.853159   -2.059547
-507.912078  -12.940520  -798.633795

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.148466   182.496565    4.638088
123.225428   43.950314   3319.559
 0.25000    9.148466   213.020763    4.638088
120.974590   40.946833   3437.108
 0.50000    9.148466   247.449823    4.638088
119.881575   39.163951   3523.384
 0.75000    9.148466   284.751401    4.638088
119.881575   38.693742   3586.119
 1.00000    9.148466   323.747446    4.638088
119.881448   39.270035   3625.130

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.073873 -417.793486   -3.446935
-396.373413  -22.485701   -1396.803
 0.25000   -9.073873 -378.615682   -3.446935
-398.116497  -20.772351   -1316.754
 0.50000   -9.073873 -340.848519   -3.446935
-399.811662  -19.287756   -1236.706
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1030

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000   -9.073873 -305.737173   -3.446935
-401.481719  -17.533320   -1156.658
 1.00000   -9.073873 -274.369330   -3.446935
-403.863021  -16.403019   -1076.609

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.007877   186.592530    4.593338
284.298279   44.352052   3624.227
 0.25000   10.007877   211.695061    4.593338
284.298279   41.339223   3718.546
 0.50000   10.007877   240.007002    4.593338
284.298279   39.551935   3802.076
 0.75000   10.007877   270.681624    4.593338
284.298279   39.020631   3885.464
 1.00000   10.007877   302.750090    4.593338
284.298279   39.510410   3963.964

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.694658 -406.040039   -3.379228
-406.788819  -23.866141   -1536.775
 0.25000   -8.694658 -373.822131   -3.379228
-406.788819  -22.055825   -1448.702
 0.50000   -8.694658 -342.764675   -3.379228
-407.272340  -20.447784   -1360.628
 0.75000   -8.694658 -313.891697   -3.379228
-407.763671  -18.869723   -1272.555
 1.00000   -8.694658 -288.095469   -3.379228
-408.266933  -17.326813   -1184.481

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.468718   100.934733    1.510273
117.902433   21.764398   1456.065
 0.25000    2.468718   117.609126    1.510273
138.823411   21.102531   1503.761
 0.50000    2.468718   136.414631    1.510273
159.822393   20.955887   1534.641
 0.75000    2.468718   156.794325    1.510273
181.026517   21.430286   1557.387
 1.00000    2.468718   178.139442    1.510273
209.765586   22.422209   1568.114

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.549251 -213.639572   -1.970163
-285.596011  -9.712600   -532.747640
 0.25000   -5.549251 -192.196370   -1.970163
-256.798887   -8.513126  -502.661753
 0.50000   -5.549251 -171.562724   -1.970163
-235.500952   -7.604299  -472.575866
 0.75000   -5.549251 -152.385243   -1.970163
-214.372897   -6.743831  -442.489979
 1.00000   -5.549251 -135.250792   -1.970163
-193.291866   -5.924625  -412.404093

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.276631   197.475589    3.540515
149.011060   43.288821   2830.293
 0.25000    6.276631   230.805423    3.540515
149.011060   41.330513   2927.614
 0.50000    6.276631   268.395873    3.540515
149.011060   40.546220   2989.268
 0.75000    6.276631   309.123502    3.540515
149.011060   41.092432   3031.232
 1.00000    6.276631   351.701929    3.540515
149.011060   42.743884   3047.419

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.253647 -420.415447   -3.478191
-154.887179  -16.690174   -1027.781
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1031

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000   -7.253647 -377.638611   -3.478191
-154.887179  -15.012941  -969.804230
 0.50000   -7.253647 -336.402693   -3.478191
-154.887179  -13.598045  -911.827814
 0.75000   -7.253647 -298.067349   -3.478191
-154.887179  -12.221662  -853.851399
 1.00000   -7.253647 -263.816497   -3.478191
-154.887179  -10.880131  -795.875582

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.228732   200.827483    4.044698
189.001974   45.829668   3453.429
 0.25000    8.228732   231.160352    4.044698
189.001974   43.178877   3556.181
 0.50000    8.228732   265.368813    4.044698
189.001974   41.657128   3634.699
 0.75000    8.228732   302.432746    4.044698
189.001974   41.452318   3702.144
 1.00000    8.228732   341.181410    4.044698
189.001974   42.344604   3754.453

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.833977 -433.794164   -3.698417
-364.780550  -22.302710   -1386.705
 0.25000   -7.833977 -394.864965   -3.698417
-364.272897  -20.475751   -1307.719
 0.50000   -7.833977 -357.338503   -3.698417
-363.751245  -18.836886   -1228.732
 0.75000   -7.833977 -322.452192   -3.698417
-363.298763  -17.230351   -1149.745
 1.00000   -7.833977 -291.281224   -3.698417
-362.931227  -15.655931   -1070.758

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.572169   186.528988    3.728320
332.758394   41.480634   3633.401
 0.25000    7.572169   212.092958    3.728320
332.758394   38.942052   3731.882
 0.50000    7.572169   240.924819    3.728320
332.758394   37.376744   3817.023
 0.75000    7.572169   272.162895    3.728320
332.758394   36.924614   3897.994
 1.00000    7.572169   304.820532    3.728320
332.758394   37.402044   3973.031

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.001628 -407.777944   -3.410923
-344.158851  -23.981672   -1531.337
 0.25000   -8.001628 -374.968127   -3.410923
-344.158851  -22.025923   -1443.647
 0.50000   -8.001628 -343.340194   -3.410923
-344.158851  -20.233277   -1355.956
 0.75000   -8.001628 -313.937000   -3.410923
-344.158851  -18.472374   -1268.266
 1.00000   -8.001628 -287.666610   -3.410923
-344.158851  -16.748673   -1180.576

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.300693    27.049506    1.312986
222.077824   6.893582    1114.155
 0.25000    2.300693    27.673883    1.312986
280.012589   6.211025    1134.993
 0.50000    2.300693    28.381287    1.312986
278.493988   5.751772    1165.381
 0.75000    2.300693    29.147394    1.312986
276.982812   5.432350    1204.995
 1.00000    2.300693    29.945547    1.312986
275.470398   5.245024    1252.591
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1032

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.926625   -70.316522   -1.219886
-63.819393   -8.605327  -576.164858
 0.25000   -2.926625   -69.514552   -1.219886
-65.322541   -7.878208  -542.312573
 0.50000   -2.926625   -68.738857   -1.219886
-66.826261   -7.152342  -508.460288
 0.75000   -2.926625   -68.017388   -1.219886
-68.346201   -6.431974  -474.608003
 1.00000   -2.926625   -67.375562   -1.219886
-70.410665   -5.719703  -440.755718

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.757758    94.078847    2.691680
543.359120   21.964654   2262.580
 0.25000    5.757758   100.760247    2.691680
524.230999   21.076909   2281.212
 0.50000    5.757758   108.325444    2.691680
510.180117   19.237324   2340.939
 0.75000    5.757758   116.518918    2.691680
496.194451   18.847744   2411.036
 1.00000    5.757758   125.059121    2.691680
482.186149   18.973826   2498.372

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.704890 -194.823404   -2.066982
-175.913185  -4.691764   -1017.189
 0.25000   -4.704890 -186.242505   -2.066982
-189.833601  -13.516309  -958.352855
 0.50000   -4.704890 -177.946520   -2.066982
-203.773695  -12.358290  -899.516214
 0.75000   -4.704890 -170.230972   -2.066982
-217.827948  -11.212055  -840.679572
 1.00000   -4.704890 -163.363149   -2.066982
-236.944914  -10.088319  -781.843660

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.275567   184.167187    3.989896
370.508292   40.165488   3324.401
 0.25000    7.275567   214.962305    3.989896
370.508292   37.903027   3442.569
 0.50000    7.275567   249.690748    3.989896
370.508292   36.736955   3529.225
 0.75000    7.275567   287.318444    3.989896
371.282021   36.752896   3591.222
 1.00000    7.275567   326.656790    3.989896
372.537654   37.754439   3629.933

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.064201 -420.458443   -3.522824
-128.450575  -20.894990   -1372.366
 0.25000   -7.064201 -380.936834   -3.522824
-127.150756  -19.129316   -1293.690
 0.50000   -7.064201 -342.839599   -3.522824
-126.043106  -17.391255   -1215.014
 0.75000   -7.064201 -307.423020   -3.522824
-125.009304  -15.670794   -1136.338
 1.00000   -7.064201 -275.777103   -3.522824
-124.061749  -13.974621   -1057.663

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.322637   186.275055    3.848619
383.502585   41.699758   3623.633
 0.25000    7.322637   211.493581    3.848619
383.502585   39.346802   3719.391
 0.50000    7.322637   239.935551    3.848619
383.502585   38.088367   3803.468
 0.75000    7.322637   270.751279    3.848619
383.502585   37.957437   3886.398
 1.00000    7.322637   302.967439    3.848619
383.502585   38.735826   3964.235
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1033

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.533310 -406.391694   -3.979056
-293.933210  -24.185382   -1528.384
 0.25000   -9.533310 -374.025416   -3.979056
-293.933210  -22.048219   -1440.726
 0.50000   -9.533310 -342.825107   -3.979056
-293.933210  -20.108431   -1353.069
 0.75000   -9.533310 -313.819535   -3.979056
-293.933210  -18.207482   -1265.414
 1.00000   -9.533310 -287.904149   -3.979056
-293.933211  -16.345891   -1177.760

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.481028   43.130652    2.664391
106.243304   11.871351   1181.013
 0.25000   11.481028   43.527319    2.664391
107.239841    9.999974   1228.938
 0.50000   11.481028   43.972537    2.664391
108.315585    8.776394   1278.483
 0.75000   11.481028   44.446746    2.664391
109.470091    8.442882   1329.775
 1.00000   11.481028   44.930308    2.664391
110.703657    8.498197   1382.850

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.927672   -97.535529   -1.244289
-345.821956  -15.771622  -931.249774
 0.25000   -3.927672   -97.028861   -1.244289
-344.526552  -15.362678  -924.658752
 0.50000   -3.927672   -96.529423   -1.244289
-343.310051  -15.520172  -917.991034
 0.75000   -3.927672   -96.057455   -1.244289
-342.172433  -16.394454  -911.325845
 1.00000   -3.927672   -95.630768   -1.244289
-341.114024  -17.705321  -904.592899

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.704296   114.446742    3.501174
228.194288   25.718229   2296.546
 0.25000   12.704296   117.799010    3.501174
235.426666   23.870063   2369.294
 0.50000   12.704296   121.561479    3.501174
243.236342   23.070454   2450.312
 0.75000   12.704296   125.569126    3.501174
251.611818   23.500845   2545.311
 1.00000   12.704296   129.655661    3.501174
260.552162   24.612321   2647.233

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.425401  -220.389902   -3.666590
-605.519050  -30.941181   -1660.017
 0.25000  -11.425401  -216.108087   -3.666590
-596.114348  -28.572769   -1649.973
 0.50000  -11.425401  -211.887023   -3.666590
-587.282754  -27.229909   -1639.758
 0.75000  -11.425401  -207.897958   -3.666590
-579.024278  -26.767868   -1629.591
 1.00000  -11.425401  -204.292879   -3.666590
-571.339868  -26.722465   -1619.324

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.149478   199.953599    4.850210
202.113277   43.227875   3484.368
 0.25000   14.149478   222.558462    4.850210
197.360607   41.039153   3484.156
 0.50000   14.149478   247.937171    4.850210
192.912073   39.941576   3614.734
 0.75000   14.149478   274.965765    4.850210
188.757759   40.369945   3717.696
 1.00000   14.149478   302.532404    4.850210
184.905865   41.657382   3789.786
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1034

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.332704  -425.115641   -5.000473
-475.253657  -38.312301   -2251.720
 0.25000  -12.332704  -396.237155   -5.000473
-479.154019  -35.762144   -2239.575
 0.50000  -12.332704  -367.764298   -5.000473
-483.365203  -34.103697   -2227.319
 0.75000  -12.332704  -340.866748   -5.000473
-487.892674  -33.234944   -2215.138
 1.00000  -12.332704  -316.552585   -5.000473
-492.741525  -32.682962   -2202.868

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.175835   208.254087    5.008563
353.877035   45.833275   3606.635
 0.25000   15.175835   226.862474    5.008563
350.657492   43.046983   3756.208
 0.50000   15.175835   247.753130    5.008563
347.648080   41.413512   3890.114
 0.75000   15.175835   270.001917    5.008563
344.841711   41.347676   4013.333
 1.00000   15.175835   292.693623    5.008563
342.236484   42.151979   4116.621

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.804687  -425.659169   -4.786772
-478.888914  -39.671182   -2451.087
 0.25000  -11.804687  -401.887604   -4.786772
-481.561045  -37.182700   -2438.010
 0.50000  -11.804687  -378.449941   -4.786772
-484.446214  -35.475794   -2424.883
 0.75000  -11.804687  -356.309014   -4.786772
-487.550247  -34.490539   -2411.777
 1.00000  -11.804687  -336.293608   -4.786772
-490.875995  -33.871017   -2398.579

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.622296   99.495562    1.406542
117.320635   19.741568   1352.896
 0.25000    2.622296   112.141754    1.406542
135.616777   19.771736   1416.733
 0.50000    2.622296   126.335793    1.406542
155.401178   20.213579   1464.930
 0.75000    2.622296   141.456783    1.406542
176.586883   21.100141   1500.812
 1.00000    2.622296   156.869227    1.406542
199.186482   22.432620   1520.078

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.027055 -201.282764   -3.022867
-277.491607  -16.688605  -838.872403
 0.25000   -9.027055 -185.130293   -3.022867
-253.739560  -14.800449  -835.224386
 0.50000   -9.027055 -169.206489   -3.022867
-231.342965  -13.239359  -831.468941
 0.75000   -9.027055 -154.163255   -3.022867
-210.390193  -11.756736  -827.788598
 1.00000   -9.027055 -140.559709   -3.022867
-190.895384  -10.459931  -824.088626

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.012054   195.821395    3.455092
151.956662   41.317344   2658.217
 0.25000    7.012054   221.102856    3.455092
151.956662   40.113134   2784.927
 0.50000    7.012054   249.487576    3.455092
151.956662   39.689901   2881.072
 0.75000    7.012054   279.704468    3.455092
151.956662   40.178704   2949.490
 1.00000    7.012054   310.531034    3.455092
151.956662   41.414071   2984.948
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                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1035

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.119585  -397.206421   -4.462962
-160.380898  -26.738726   -1637.098
 0.25000  -10.119585  -364.913859   -4.462962
-160.380898  -24.597650   -1630.187
 0.50000  -10.119585  -333.074914   -4.462962
-160.380898  -22.840434   -1623.218
 0.75000  -10.119585  -302.997571   -4.462962
-160.380898  -21.199751   -1616.326
 1.00000  -10.119585  -275.801640   -4.462962
-160.380898  -19.734633   -1609.420

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.803688   212.684810    4.267842
222.670826   45.728900   3367.579
 0.25000   10.803688   235.778547    4.267842
222.772564   43.797488   3517.378
 0.50000   10.803688   261.707033    4.267842
222.912122   42.934317   3642.092
 0.75000   10.803688   289.308234    4.267842
223.351041   43.315562   3748.479
 1.00000   10.803688   317.466458    4.267842
224.018235   44.437830   3821.320

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.023420  -436.238067   -5.293687
-405.123237  -37.548671   -2217.161
 0.25000  -12.023420  -406.740824   -5.293687
-404.208758  -34.770532   -2202.334
 0.50000  -12.023420  -377.659220   -5.293687
-403.335191  -32.632766   -2191.370
 0.75000  -12.023420  -350.128479   -5.293687
-402.506348  -30.947898   -2180.481
 1.00000  -12.023420  -325.340756   -5.293687
-401.725810  -29.437176   -2169.551

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.476828   206.967902    4.070031
383.624474   43.138397   3611.565
 0.25000   10.476828   226.494857    4.070031
383.624474   41.056675   3765.818
 0.50000   10.476828   248.418716    4.070031
383.624474   39.886474   3902.027
 0.75000   10.476828   271.757711    4.070031
383.624474   39.787628   4023.665
 1.00000   10.476828   295.567608    4.070031
383.624474   40.334161   4121.423

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.257957  -428.121823   -4.970150
-396.807689  -40.053965   -2444.438
 0.25000  -12.257957  -403.179616   -4.970150
-396.807689  -37.140424   -2431.302
 0.50000  -12.257957  -378.587776   -4.970150
-396.807689  -34.775026   -2415.489
 0.75000  -12.257957  -355.356566   -4.970150
-396.807689  -32.800978   -2402.662
 1.00000  -12.257957  -334.350908   -4.970150
-396.807689  -30.993588   -2389.827

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.794219    44.420696    1.330418
329.440626   7.868410    1207.087
 0.25000    2.794219    44.910399    1.330418
327.830095   7.014192    1254.752
 0.50000    2.794219    45.462745    1.330418
326.311429   6.390371    1304.853
 0.75000    2.794219    46.050931    1.330418
324.891972   6.019468    1356.890
 1.00000    2.794219    46.651189    1.330418
323.571683   5.967786    1411.297
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                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1036

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.628165   -99.704708   -1.784348
-96.175230  -16.474486  -920.602744
 0.25000   -5.628165   -99.076133   -1.784348
-97.430083  -15.013819  -913.152861
 0.50000   -5.628165   -98.456884   -1.784348
-98.784055  -13.691497  -906.406713
 0.75000   -5.628165   -97.871108   -1.784348
-100.237487  -12.540948  -899.673812
 1.00000   -5.628165   -97.344085   -1.784348
-101.790516  -12.174822  -892.923840

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.162929   116.575480    3.031452
572.229097   24.487161   2304.231
 0.25000    8.162929   121.012199    3.031452
560.018926   22.454967   2379.088
 0.50000    8.162929   126.012373    3.031452
548.544984   20.894375   2460.604
 0.75000    8.162929   131.338419    3.031452
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537.819223    19.930793    2553.932
 1.00000     8.162929   136.769547     3.031452
527.843146    19.690188    2651.469

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -7.496371  -226.361544    -2.801033
-213.578478   -25.119052    -1626.125
 0.25000    -7.496371  -220.671613    -2.801033
-223.066180   -23.405021    -1614.342
 0.50000    -7.496371  -215.063687    -2.801033
-233.307799   -21.879212    -1602.424
 0.75000    -7.496371  -209.762601    -2.801033
-244.298906   -20.588828    -1587.829
 1.00000    -7.496371  -204.988229    -2.801033
-256.044552   -19.774878    -1578.323

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.625913   198.158571     3.984699
433.815663    40.141181    3279.237
 0.25000     8.625913   221.029626     3.984699
437.418089    38.206564    3437.471
 0.50000     8.625913   246.700305     3.984699
441.297254    36.998812    3566.207
 0.75000     8.625913   274.027111     3.984699
445.456949    36.705683    3666.992
 1.00000     8.625913   301.904627     3.984699
449.882058    37.261166    3735.721

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -11.178243  -421.946243    -4.650569
-198.083782   -34.668522    -2184.095
 0.25000   -11.178243  -392.742070    -4.650569
-193.135827   -32.163000    -2172.524
 0.50000   -11.178243  -363.948167    -4.650569
-188.474703   -29.855640    -2160.853
 0.75000   -11.178243  -336.747451    -4.650569
-184.105899   -27.760714    -2149.179
 1.00000   -11.178243  -312.145044    -4.650569
-180.028676   -26.018464    -2137.570

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     9.289968   207.355694     4.042872
450.908065    42.588271    3601.494
 0.25000     9.289968   226.154611     4.042872
453.272906    40.699911    3751.906
 0.50000     9.289968   247.255965     4.042872
455.824988    39.844827    3886.202
 0.75000     9.289968   269.718651     4.042872
458.555338    40.019562    4009.122
 1.00000     9.289968   292.633991     4.042872
461.461171    41.008516    4111.092
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1037

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -14.645534  -425.417105    -5.647229
-372.003170   -41.670772    -2461.091
 0.25000   -14.645534  -401.411253    -5.647229
-368.701146   -38.211493    -2441.950
 0.50000   -14.645534  -377.742639    -5.647229
-365.590980   -35.318096    -2422.767
 0.75000   -14.645534  -355.383616    -5.647229
-362.671641   -32.803531    -2403.616
 1.00000   -14.645534  -335.161522    -5.647229
-359.948433   -30.658505    -2382.572

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.007877   200.827483     4.638088
543.359120    45.829668    3633.401
 0.25000    10.007877   231.160352     4.638088
524.239099    43.178877    3731.882
 0.50000    10.007877   268.395873     4.638088
510.180117    41.657128    3817.023
 0.75000    10.007877   309.123502     4.638088
496.194451    41.047318    3891.944
 1.00000    10.007877   351.701929     4.638088
482.186149    42.743884    3973.031

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -9.533310  -433.794164    -3.979056
-557.305852   -24.185382    -1536.775
 0.25000    -9.533310  -394.864965    -3.979056
-541.888746   -22.058825    -1448.702
 0.50000    -9.533310  -357.338503    -3.979056
-530.500215   -20.447784    -1360.628
 0.75000    -9.533310  -322.452192    -3.979056
-519.196808   -18.869723    -1272.555
 1.00000    -9.533310  -291.281224    -3.979056
-507.912078   -17.326813    -1184.481

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    15.175835   212.684810     5.008563
572.229097    45.833275    3611.565
 0.25000    15.175835   235.778547     5.008563
560.018926    43.797488    3765.818
 0.50000    15.175835   261.727033     5.008563
548.544984    42.934317    3902.027
 0.75000    15.175835   289.308234     5.008563
537.819223    43.315362    4023.665
 1.00000    15.175835   317.466458     5.008563
527.843146    44.437830    4121.423

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -14.645534  -436.238067    -5.647229
-605.519050   -41.670772    -2461.091
 0.25000   -14.645534  -406.740824    -5.647229
-596.114348   -38.231493    -2441.950
 0.50000   -14.645534  -378.587776    -5.647229
-587.282754   -35.475794    -2424.883
 0.75000   -14.645534  -356.309014    -5.647229
-579.024278   -34.490539    -2411.777
 1.00000   -14.645534  -336.293608    -5.647229
-571.339868   -33.871017    -2398.579

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    15.175835   212.684810     5.008563
572.229097    45.833275    3633.401
 0.25000    15.175835   235.778547     5.008563
560.018926    43.797488    3765.818
 0.50000    15.175835   268.395873     5.008563
548.544984    42.934317    3902.027
 0.75000    15.175835   309.123502     5.008563
537.819223    43.315362    4023.665
 1.00000    15.175835   351.701929     5.008563
527.843146    44.437630    4121.423
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1038

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -14.645534  -436.238067    -5.647229
-605.519050   -41.670772    -2461.091
 0.25000   -14.645534  -406.740824    -5.647229
-596.114348   -38.211493    -2441.950
 0.50000   -14.645534  -378.587776    -5.647229
-587.282754   -35.475794    -2424.883
 0.75000   -14.645534  -356.309014    -5.647229
-579.024278   -34.490539    -2411.777
 1.00000   -14.645534  -336.293608    -5.647229
-571.339868   -33.871017    -2398.579

 COMB      DESIGN ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    15.175835   212.684810     5.008563
572.229097    45.833275    3633.401
 0.25000    15.175835   235.778547     5.008563
560.018926    43.797488    3765.818
 0.50000    15.175835   268.395873     5.008563
548.544984    42.934317    3902.027
 0.75000    15.175835   309.123502     5.008563
537.819223    43.315362    4023.665
 1.00000    15.175835   351.701929     5.008563
527.843146    44.437830    4121.423

 COMB      DESIGN ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -14.645534  -436.238067    -5.647229
-605.519050   -41.670772    -2461.091
 0.25000   -14.645534  -406.740824    -5.647229
-596.114348   -38.231493    -2441.950
 0.50000   -14.645534  -378.587776    -5.647229
-587.282754   -35.475794    -2424.883
 0.75000   -14.645534  -356.309014    -5.647229
-579.024278   -34.490539    -2411.777
 1.00000   -14.645534  -336.293608    -5.647229
-571.339868   -33.871017    -2398.579

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 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.421133    46.151981     1.602088
163.437863    6.507766    1212.640
 0.25000     5.421133    46.688736     1.602088
164.686558    5.526489    1197.654
 0.50000     5.421133    47.291978     1.602088
165.936833    5.342883    1190.144
 0.75000     5.421133    47.943710     1.602088
167.195935    5.669902    1193.128
 1.00000     5.421133    48.624862     1.602088
168.901318    6.250430    1203.368

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -3.407173   -46.098472    -1.248383
-166.595820   -7.592372   -444.424070
 0.25000    -3.407173   -45.417446    -1.248383
-164.890302   -7.114355   -410.801525
 0.50000    -3.407173   -44.766223    -1.248383
-163.630797   -6.636391   -377.178979
 0.75000    -3.407173   -44.163756    -1.248383
-162.380845   -6.158924   -350.032219
 1.00000    -3.407173   -43.628047    -1.248383
-161.132384   -6.682557   -377.628681

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     6.938579   126.127431     2.743336
335.132792   21.311512    2468.163
 0.25000     6.938579   131.507997     2.743336
346.408637   19.417302    2431.465
 0.50000     6.938579   137.555055     2.743336
357.697467   18.603462    2411.540
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1039

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
    T           M2           M3
 0.75000     6.938579   144.087890     2.743336
369.071659   19.257138    2423.384
 1.00000     6.938579   150.913388     2.743336
384.470972   20.276739    2451.428

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -8.272446  -146.021021    -2.080057
-380.630309  -12.810086  -798.266794
 0.25000    -8.272446  -139.196873    -2.080057
-365.229659  -11.964706  -738.258283
 0.50000    -8.272446  -132.669105    -2.080057
-353.854007  -11.119410  -678.249772
 0.75000    -8.272446  -126.629794    -2.080057
-342.565951  -10.274857  -628.877621
 1.00000    -8.272446  -121.259687    -2.080057
-331.292494   -9.432166  -678.019509

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     9.355336   230.272308     4.393938
256.274548   40.196009    3625.452
 0.25000     9.355336   261.476891     4.393938
253.957191   37.388498    3659.928
 0.50000     9.355336   296.550157     4.393938
252.378192   36.227991    3661.886
 0.75000     9.355336   334.424454     4.393938
250.753759   36.738531    3649.844
 1.00000     9.355336   373.875594     4.393938
249.059450   38.341065    3603.643

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -9.407762  -367.022761    -3.490049
-246.167432  -16.172738    -1076.294
 0.25000    -9.407762  -327.583771    -3.490049
-246.730789  -15.074696  -995.717636
 0.50000    -9.407762  -289.737359    -3.490049
-248.348978  -13.977048  -915.141630
 0.75000    -9.407762  -254.707742    -3.490049
-249.932103  -12.879838  -848.256800
 1.00000    -9.407762  -223.562631    -3.490049
-252.253080  -11.783900  -914.162239

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    10.126098   239.455671     4.228423
336.882817   40.626280    3964.077
 0.25000    10.126098   265.117600     4.228423
336.550837   37.892657    3967.952
 0.50000    10.126098   293.959220     4.228423
336.550837   36.692040    3957.312
 0.75000    10.126098   325.104728     4.228423
336.550837   37.031578    3956.530
 1.00000    10.126098   357.547359     4.228423
336.550837   38.481846    3939.784

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -8.986038  -350.048865    -3.350797
-334.976935  -17.045544    -1184.332
 0.25000    -8.986038  -317.616207    -3.350797
-334.976935  -15.875355    -1095.680
 0.50000    -8.986038  -286.493628    -3.350797
-334.976935  -14.705794    -1007.028
 0.75000    -8.986038  -257.687918    -3.350797
-334.976935  -13.537079  -934.107598
 1.00000    -8.986038  -232.074847    -3.350797
-334.976935  -12.370760    -1006.689

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.670026   118.496709     1.984748
155.975999   22.745540    1568.338
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1040

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
    T           M2           M3
 0.25000     2.670026   135.540818     1.984748
177.043336   21.514269    1585.295
 0.50000     2.670026   154.696307     1.984748
198.149736   20.877680    1585.150
 0.75000     2.670026   175.387118     1.984748
219.419723   20.977322    1581.553
 1.00000     2.670026   196.978311     1.984748
248.184556   21.685511    1560.007

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -5.431989  -194.182639    -1.620267
-246.737591   -5.775941  -412.336247
 0.25000    -5.431989  -172.596677    -1.620267
-217.968329   -5.359185  -381.672595
 0.50000    -5.431989  -151.921581    -1.620267
-196.695056   -4.942436  -351.008944
 0.75000    -5.431989  -132.790353    -1.620267
-175.591215   -4.526515  -325.022118
 1.00000    -5.431989  -115.779093    -1.620267
-154.531724   -4.111512  -350.037436

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     6.582354   231.357088     3.864983
149.949112   43.401821    3047.378
 0.25000     6.582354   265.429612     3.864983
149.949112   41.014056    3085.194
 0.50000     6.582354   303.723305     3.864983
149.949112   39.791827    3086.791
 0.75000     6.582354   345.076114     3.864983
149.949112   39.971479    3078.067
 1.00000     6.582354   388.151303     3.864983
149.949112   41.347717    3031.492

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -7.531876  -382.788742    -3.178435
-150.218732   -10.624887  -756.867747
 0.25000    -7.531876  -339.726788    -3.178435
-150.218732   -9.861956  -736.710970
 0.50000    -7.531876  -298.404422    -3.178435
-150.218732   -9.099030  -677.554193
 0.75000    -7.531876  -260.158412    -3.178435
-150.218732   -8.337076  -627.733291
 1.00000    -7.531876  -226.150141    -3.178435
-150.218732   -7.575876  -676.019379

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     8.443903   247.623529     3.989456
272.126643   43.326881    3754.636
 0.25000     8.443903   278.632166     3.989456
272.530379   40.688445    3776.221
 0.50000     8.443903   313.480528     3.989456
272.994544   39.454294    3771.490
 0.75000     8.443903   351.113317     3.989456
273.507156   39.773396    3755.585
 1.00000     8.443903   390.313974     3.989456
274.030823   41.176565    3732.891

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -8.098180  -383.388195    -3.138841
-270.740594  -15.378127    -1070.568
 0.25000    -8.098180  -344.199561    -3.138841
-270.213299  -14.312165  -990.648284
 0.50000    -8.098180  -306.594475    -3.138841
-269.696489  -13.246299  -910.730760
 0.75000    -8.098180  -271.789522    -3.138841
-269.238449  -12.181214  -844.059381
 1.00000    -8.098180  -240.839855    -3.138841
-268.850418  -11.116811  -909.383874
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1041

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.820508   239.122496     3.762922
332.177155   38.810474    3972.980
 0.25000     7.820508   265.256108     3.762922
332.177155   36.162462    3980.948
 0.50000     7.820508   294.627356     3.762922
332.177155   35.057922    3971.900
 0.75000     7.820508   326.344945     3.762922
332.177155   35.516891    3969.460
 1.00000     7.820508   359.386599     3.762922
332.177155   36.873882    3948.776

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -8.189041  -351.905473    -2.828392
-331.394922   -16.402786    -1180.567
 0.25000    -8.189041  -318.874971    -2.828392
-331.394922   -15.248722    -1092.245
 0.50000    -8.189041  -287.180732    -2.828392
-331.394922   -14.095038    -1003.924
 0.75000    -8.189041  -257.846058    -2.828392
-331.394922   -12.942920  -931.593803
 1.00000    -8.189041  -231.762187    -2.828392
-331.394922   -11.791406    -1003.948

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     2.435820    48.419533     1.491476
167.039031    6.053003    1252.253
 0.25000     2.435820    49.058079     1.491476
164.976630    5.048575    1236.374
 0.50000     2.435820    49.778846     1.491476
163.459553    4.610010    1228.611
 0.75000     2.435820    50.556834     1.491476
161.950841    5.100508    1231.852
 1.00000     2.435820    51.364507     1.491476
160.440998    5.731492    1242.963

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -2.873198   -48.789730    -1.134017
-161.240455   -5.518258  -441.015639
 0.25000    -2.873198   -47.982404    -1.134017
-162.749646   -5.099102  -407.664828
 0.50000    -2.873198   -47.204955    -1.134017
-164.257976   -4.680569  -374.314018
 0.75000    -2.873198   -46.485057    -1.134017
-165.775394   -5.018141  -349.070425
 1.00000    -2.873198   -45.847821    -1.134017
-167.837910   -6.015518  -376.644097

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     5.829890   130.438085     2.692263
384.267305   20.171800    2497.811
 0.25000     5.829890   137.270734     2.692263
365.174022   18.301366    2466.132
 0.50000     5.829890   144.978653     2.692263
351.129105   17.517676    2448.557
 0.75000     5.829890   153.299018     2.692263
337.159837   18.040644    2458.301
 1.00000     5.829890   161.940787     2.692263
323.183175   19.127629    2481.533

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.750051  -157.136841    -2.055434
-324.097054   -9.795348   -782.189935
 0.25000    -4.750051  -148.498641    -2.055434
-338.010761   -9.074794    -723.436556
 0.50000    -4.750051  -140.184087    -2.055434
-352.035900   -8.354240   -664.683176
 0.75000    -4.750051  -132.485500    -2.055434
-366.079360   -7.634281   -618.530745
 1.00000    -4.750051  -125.666732    -2.055434
-385.176532   -7.341580   -666.888371
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1042

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.650010   231.699287     4.313796
241.210520   39.127530    3629.533
 0.25000     7.650010   263.180374     4.313796
242.193900   36.309484    3664.375
 0.50000     7.650010   298.558396     4.313796
243.238790   35.055144    3666.906
 0.75000     7.650010   336.763540     4.313796
244.336631   35.631638    3654.473
 1.00000     7.650010   376.560698     4.313796
245.651734   37.283681    3608.111

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -7.309987  -369.800169    -3.431237
-245.500511   -13.584141    -1057.948
 0.25000    -7.309987  -330.015204    -3.431237
-244.181715   -12.586466   -978.778609
 0.50000    -7.309987  -291.838182    -3.431237
-243.079586   -11.588792   -899.609367
 0.75000    -7.309987  -256.504240    -3.431237
-242.040892   -10.591545   -835.758474
 1.00000    -7.309987  -225.082986    -3.431237
-241.073433   -9.785673   -900.725621

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000     7.641365   239.184909     4.126240
331.561291   40.140141    3964.043
 0.25000     7.641365   264.965360     4.126240
331.561291   37.339033    3968.613
 0.50000     7.641365   293.939411     4.126240
331.561291   36.049930    3958.659
 0.75000     7.641365   325.228156     4.126240
331.561291   36.467829    3957.200
 1.00000     7.641365   357.820169     4.126240
331.561291   37.982764    3939.829

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -9.655731  -350.347913    -3.296291
-331.420296   -19.949809    -1477.875
 0.25000    -9.655731  -317.765912    -3.296291
-331.420296   -14.802964    -1089.706
 0.50000    -9.655731  -286.500201    -3.296291
-331.420296   -13.657863    -1001.538
 0.75000    -9.655731  -257.562230    -3.296291
-331.420296   -12.513437   -929.877016
 1.00000    -9.655731  -231.830841    -3.296291
-331.420296   -11.521944    -1002.172

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    11.321852    63.859819     1.665778
199.958516    7.288193    1383.454
 0.25000    11.321852    64.274787     1.665778
200.985804    6.861536    1386.817
 0.50000    11.321852    64.736921     1.665778
202.092199    7.042866    1391.374
 0.75000    11.321852    65.226359     1.665778
203.277503    7.656142    1402.172
 1.00000    11.321852    65.725666     1.665778
204.541741    8.525242    1405.214

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    -4.046708   -72.921836    -1.785126
-216.469303   -16.381335   -904.703872
 0.25000    -4.046708   -72.425040    -1.785126
-215.207284   -15.739398   -899.112596
 0.50000    -4.046708   -71.936580    -1.785126
-214.023240   -15.053773   -893.487340
 0.75000    -4.046708   -71.471595    -1.785126
-212.917818   -15.890620   -887.857547
 1.00000    -4.046708   -71.064303    -1.785126
-211.890525   -16.839599   -882.209993
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD             >
                                   1043

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    12.668387   149.781046     2.895471
373.073443   23.191913    2648.033
 0.25000    12.668387   153.287092     2.895471
380.532895   22.403367    2643.656
 0.50000    12.668387   157.192695     2.895471
388.565643   22.418747    2646.250
 0.75000    12.668387   161.328848     2.895471
397.165810   23.127877    2662.769
 1.00000    12.668387   165.548497     2.895471
406.337830   24.257320    2686.361

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -11.426146  -178.236791    -2.995199
-422.658261   -24.710707    -1619.500
 0.25000   -11.426146  -174.038158    -2.995199
-413.499058   -23.949740    -1609.576
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 0.50000   -11.426146  -169.910538    -2.995199
-404.906004  -23.527817   -1599.561
 0.75000   -11.426146  -166.031363    -2.995199
-396.883826  -23.291500   -1589.524
 1.00000   -11.426146  -162.538628    -2.995199
-389.429094  -23.417910   -1579.494

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.320227   244.993345    4.175370
323.962420   40.940194    3790.422
 0.25000   14.320227   268.641683    4.175370
319.174314   39.449412    3848.478
 0.50000   14.320227   294.986008    4.175370
314.683567   39.024484    3875.402
 0.75000   14.320227   322.884086    4.175370
310.503165   38.663534    3874.472
 1.00000   14.320227   351.346988    4.175370
306.612688   41.046871    3842.678

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.566881  -368.373894   -4.283668
-320.991727  -31.103097   -2202.996
 0.25000   -12.566881  -340.051502   -4.283668
-324.833320  -29.956760   -2189.437
 0.50000   -12.566881  -312.212585   -4.283668
-328.982756  -29.139480   -2175.678
 0.75000   -12.566881  -286.041227   -4.283668
-333.436827  -28.512168   -2162.264
 1.00000   -12.566881  -262.488825   -4.283668
-338.206688  -28.152044   -2148.641

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.274786   258.032335    4.048439
401.916139   42.674769    4116.874
 0.25000   15.274786   277.497025    4.048439
398.646254   40.949872    4154.616
 0.50000   15.274786   299.182555    4.048439
395.591653   40.175365    4174.630
 0.75000   15.274786   322.147058    4.048439
392.740163   40.495491    4182.856
 1.00000   15.274786   345.576505    4.048439
390.100855   41.529819    4173.729

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.024744  -364.122142   -4.176970
-397.911688  -33.453184   -2398.603
 0.25000   -12.024744  -340.808391   -4.176970
-400.522412  -32.019089   -2383.931
 0.50000   -12.024744  -317.892598   -4.176970
-403.340683  -30.869699   -2369.071
 0.75000   -12.024744  -296.349468   -4.176970
-406.370779  -29.892363   -2354.472
 1.00000   -12.024744  -276.961067   -4.176970
-409.614974  -29.154574   -2339.692
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1044

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.830773   115.061510    1.805420
150.724760   22.552822    1520.236
 0.25000    2.830773   128.288497    1.805420
169.618205   21.888147    1547.676
 0.50000    2.830773   143.019798    1.805420
189.989434   21.526262    1558.963
 0.75000    2.830773   158.625317    1.805420
211.768042   21.595825    1557.355
 1.00000    2.830773   174.542089    1.805420
235.019151   21.970883    1539.665

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.935970  -180.770237   -1.776586
-237.989328   -9.994115  -824.131183
 0.25000   -8.935970  -164.930675   -1.776586
-214.780995   -9.657867  -819.096789
 0.50000   -8.935970  -149.350566   -1.776586
-193.013142   -9.325921  -813.988609
 0.75000   -8.935970  -134.725555   -1.776586
-172.688952   -8.999079  -808.979647
 1.00000   -8.935970  -121.550074   -1.776586
-153.810638   -8.677682  -803.926506

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.332969   226.078265    3.340731
151.495324   42.355062    2984.909
 0.25000    7.332969   252.527556    3.340731
151.495324   40.805459    3040.696
 0.50000    7.332969   281.984711    3.340731
151.495324   39.991697    3063.659
 0.75000    7.332969   313.181574    3.340731
151.495324   40.008295    3059.651
 1.00000    7.332969   345.008393    3.340731
151.495324   40.697887    3023.067

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -10.324025  -357.219160   -3.351511
-153.147027  -19.938252   -1609.396
 0.25000   -10.324025  -325.548867   -3.351511
-153.147027  -18.935688   -1599.539
 0.50000   -10.324025  -294.419075   -3.351511
-153.147027  -18.077965   -1589.547
 0.75000   -10.324025  -265.153975   -3.351511
-153.147027  -17.255750   -1579.814
 1.00000   -10.324025  -238.809532   -3.351511
-153.147027  -16.506835   -1569.926

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.034010   256.156969    3.746523
296.758283   44.525451    3821.684
 0.25000   11.034010   280.318415    3.746523
297.419397   43.091402    3871.977
 0.50000   11.034010   307.225622    3.746523
298.121238   42.427065    3895.613
 0.75000   11.034010   335.721992    3.746523
298.859823   42.690167    3897.567
 1.00000   11.034010   364.793735    3.746523
299.630631   43.576285    3873.125

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.184813  -381.460364   -3.812705
-308.597065  -28.492669   -2169.618
 0.25000   -12.184813  -352.531621   -3.812705
-307.857163  -27.464664   -2156.260
 0.50000   -12.184813  -324.096565   -3.812705
-307.153594  -26.522088   -2142.788
 0.75000   -12.184813  -297.364785   -3.812705
-306.490294  -25.619216   -2129.597
 1.00000   -12.184813  -273.299066   -3.812705
-305.870832  -24.788684   -2116.226
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1045

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.668767   256.645922    3.633435
373.409879   41.999471    4121.375
 0.25000   10.668767   277.074890    3.633435
373.409879   40.270155    4163.145
 0.50000   10.668767   299.827077    3.633435
373.409879   39.330420    4185.158
 0.75000   10.668767   323.922984    3.633435
373.409879   39.290629    4191.309
 1.00000   10.668767   348.505459    3.633435
373.409879   39.792229    4177.913

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.376905  -366.880180   -3.683417
-375.734398  -31.362302   -2389.791
 0.25000  -12.376905  -342.418603   -3.683417
-375.734398  -29.956023   -2375.116
 0.50000  -12.376905  -318.374500   -3.683417
-375.734398  -28.624753   -2360.415
 0.75000  -12.376905  -295.770652   -3.683417
-375.734398  -27.336337   -2345.917
 1.00000  -12.376905  -275.422668   -3.683417
-375.734398  -26.126845   -2331.258

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.925866    65.545457    1.492969
207.484146    8.321013    1410.711
 0.25000    2.925866    66.057761    1.492969
205.901396    7.200180    1413.135
 0.50000    2.925866    66.631221    1.492969
204.418135    6.482721    1417.138
 0.75000    2.925866    67.238380    1.492969
203.031825    6.259601    1423.588
 1.00000    2.925866    67.857976    1.492969
201.744853    6.314624    1431.657

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.626560  -74.747838   -1.460947
-191.821619  -13.694247  -892.781527
 0.25000   -5.626560  -74.131368   -1.460947
-193.107399  -12.457930  -887.332900
 0.50000   -5.626560  -73.525341   -1.460947
-194.492457  -11.657995  -882.027126
 0.75000   -5.626560  -72.955730   -1.460947
-195.976673  -11.448721  -876.707262
 1.00000   -5.626560  -72.445416   -1.460947
-197.560339  -11.674015  -871.365534

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.272874   151.451560    2.592850
406.310993   23.082278    2650.644
 0.25000    8.272874   156.093466    2.592850
394.356371   21.300397    2648.846
 0.50000    8.272874   161.284605    2.592850
383.135261   20.167921    2652.318
 0.75000    8.272874   166.780962    2.592850
372.662634   19.822241    2667.427
 1.00000    8.272874   172.389645    2.592850
362.922131   19.960290    2687.935

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.618505  -184.563185   -2.596825
-349.925779  -22.208558   -1578.100
 0.25000   -7.618505  -178.982498   -2.596825
-359.645851  -20.680853   -1568.540
 0.50000   -7.618505  -173.496191   -2.596825
-370.111937  -19.328822   -1559.049
 0.75000   -7.618505  -168.339910   -2.596825
-381.335038  -18.273112   -1549.557
 1.00000   -7.618505  -163.716558   -2.596825
-393.305750  -18.016846   -1540.018
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1046

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.986100   242.309399    3.910685
298.544937   40.603153    3735.024
 0.25000    8.986100   266.235800    3.910685
302.419524   38.307440    3793.121
 0.50000    8.986100   292.875431    3.910685
306.572597   36.906498    3819.848
 0.75000    8.986100   321.090564    3.910685
311.009254   36.630770    3818.280
 1.00000    8.986100   349.871245    3.910685
315.717753   37.125493    3785.554

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.413838  -366.194397   -3.902409
-305.224946  -28.045140   -2137.379
 0.25000  -11.413838  -337.553421   -3.902409
-300.540419  -26.312386   -2124.303
 0.50000  -11.413838  -309.401123   -3.902409
-296.140880  -24.746562   -2111.269
 0.75000  -11.413838  -282.935172   -3.902409
-292.027022  -23.382903   -2098.444
 1.00000  -11.413838  -259.102480   -3.902409
-288.203844  -22.841658   -2085.437

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.600944   257.151342    3.976161
391.333274   43.322015    4110.788
 0.25000    9.600944   276.818478    3.976161
393.300828   41.726053    4143.082
 0.50000    9.600944   298.716319    3.976161
396.658722   40.016532    4169.397
 0.75000    9.600944   321.907582    3.976161
399.604243   39.894342    4177.115
 1.00000    9.600944   345.566983    3.976161
402.730838   40.490076    4167.084

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.738519  -363.858876   -4.029437
-399.389697  -31.563628   -2382.483
 0.25000  -14.738519  -340.315908   -4.029437
-396.288709  -29.932841   -2367.875
 0.50000  -14.738519  -317.174653   -4.029437
-393.374177  -28.460016   -2353.332
 0.75000  -14.738519  -295.419577   -4.029437
-390.648372  -27.168740   -2338.919
 1.00000  -14.738519  -275.830239   -4.029437
-388.114998  -26.577472   -2324.394

 COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.126098   247.623529    4.393938
384.267305   43.401821    3972.980
 0.25000   10.126098   278.632166    4.393938
365.174022   41.014056    3980.948
 0.50000   10.126098   313.480528    4.393938
357.697467   39.791827    3971.900
 0.75000   10.126098   351.113317    4.393938
369.071659   39.971479    3969.460
 1.00000   10.126098   390.313974    4.393938
384.470972   41.347717    3948.776

 COMB       DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.655731  -383.388195   -3.490049
-380.630309  -17.045544   -1184.332
 0.25000   -9.655731  -344.199561   -3.490049
-365.229659  -15.875355   -1095.680
 0.50000   -9.655731  -306.594475   -3.490049
-353.854007  -14.705794   -1007.028
 0.75000   -9.655731  -271.789522   -3.490049
-366.079360  -13.537079   -934.197598
 1.00000   -9.655731  -240.839855   -3.490049
-385.176532  -12.370760   -1006.689
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1047

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.274786   258.032335    4.175370
406.310993   44.525451    4121.375
 0.25000   15.274786   280.318415    4.175370
398.646254   43.091402    4163.145
 0.50000   15.274786   307.225622    4.175370
396.658722   42.427065    4185.158
 0.75000   15.274786   335.721992    4.175370
399.604243   42.690167    4191.309
 1.00000   15.274786   364.793735    4.175370
406.337830   43.576285    4177.913

 COMB       DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.738519  -381.460364   -4.283668
-422.658261  -33.453184   -2398.603
 0.25000  -14.738519  -352.531621   -4.283668
-413.499058  -32.019089   -2383.931
 0.50000  -14.738519  -324.096565   -4.283668
-404.906004  -30.869699   -2369.071
 0.75000  -14.738519  -297.364785   -4.283668
-406.370779  -29.892363   -2354.472
 1.00000  -14.738519  -276.961067   -4.283668
-409.614974  -29.154574   -2339.692

 COMB       CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.274786   258.032335    4.393938
406.310993   44.525451    4121.375
 0.25000   15.274786   280.318415    4.393938
398.646254   43.091402    4163.145
 0.50000   15.274786   313.480528    4.393938
396.658722   42.427065    4185.158
 0.75000   15.274786   351.113317    4.393938
399.604243   42.690167    4191.309
 1.00000   15.274786   390.313974    4.393938
406.337830   43.576285    4177.913

 COMB       CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.738519  -383.388195   -4.283668
-422.658261  -33.453184   -2398.603
 0.25000  -14.738519  -352.531621   -4.283668
-413.499058  -32.019089   -2383.931
 0.50000  -14.738519  -324.096565   -4.283668
-404.906004  -30.869699   -2369.071
 0.75000  -14.738519  -297.364785   -4.283668
-406.370779  -29.892363   -2354.472
 1.00000  -14.738519  -276.961067   -4.283668
-409.614974  -29.154574   -2339.692

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.274786   258.032335    4.393938
406.310993   44.525451    4121.375
 0.25000   15.274786   280.318415    4.393938
398.646254   43.091402    4163.145
 0.50000   15.274786   313.480528    4.393938
396.658722   42.427065    4185.158
 0.75000   15.274786   351.113317    4.393938
399.604243   42.690167    4191.309
 1.00000   15.274786   390.313974    4.393938
406.337830   43.576285    4177.913

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.738519  -383.388195   -4.283668
-422.658261  -33.453184   -2398.603
 0.25000  -14.738519  -352.531621   -4.283668
-413.499058  -32.019089   -2383.931
 0.50000  -14.738519  -324.096565   -4.283668
-404.906004  -30.869699   -2369.071
 0.75000  -14.738519  -297.364785   -4.283668
-406.370779  -29.892363   -2354.472
 1.00000  -14.738519  -276.961067   -4.283668
-409.614974  -29.154574   -2339.692
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1048

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      73 ================== LENGTH
=    4.958477

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.318913   67.442224    1.044552
286.250958    5.608592    1203.057
 0.25000    5.318913   67.981884    1.044552
287.501437    5.893028    1153.263
 0.50000    5.318913   68.585616    1.044552
288.753351    6.342596    1109.938
 0.75000    5.318913   69.235065    1.044552
290.014676    6.975446    1075.848
 1.00000    5.318913   69.910957    1.044552
291.722373    7.917217    1051.743

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.534304  -31.084242   -1.771475
-80.519981   -7.151385  -377.934882
 0.25000   -3.534304  -30.411918   -1.771475
-78.814990   -6.078154  -405.973591
 0.50000   -3.534304  -29.771394   -1.771475
-77.558833   -5.419189  -434.012301
 0.75000   -3.534304  -29.180844   -1.771475
-76.314369   -5.316806  -462.051017
 1.00000   -3.534304  -28.657666   -1.771475
-75.073990   -5.738850  -490.089739

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.937571   164.200291    2.492642
512.212033   19.324219    2450.905
 0.25000    6.937571   169.609884    2.492642
523.501753   18.579817    2351.360
 0.50000    6.937571   175.661764    2.492642
534.809473   18.284325    2270.625
 0.75000    6.937571   182.171639    2.492642
546.201856   18.593835    2218.647
 1.00000    6.937571   188.944161    2.492642
561.621781   19.550605    2185.641

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.312206  -113.757522   -2.215855
-233.879161   -8.890689  -678.447114
 0.25000   -8.312206  -107.020246   -2.215855
-218.484865   -8.126249  -727.639082
 0.50000   -8.312206  -100.599899   -2.215855
-207.141921   -7.903828  -776.832069
 0.75000   -8.312206   -94.680241   -2.215855
-195.905367   -8.652901  -826.025252
 1.00000   -8.312206   -89.436150   -2.215855
-184.706799   -9.785617  -875.218575

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.574908   281.638591    4.230224
408.519352   37.282193    3603.290
 0.25000    9.574908   313.006659    4.230224
406.107308   35.344529    3553.383
 0.50000    9.574908   348.103052    4.230224
404.396677   34.377237    3479.488
 0.75000    9.574908   385.839583    4.230224
402.653577   34.631156    3382.602
 1.00000    9.574908   424.970551    4.230224
400.854680   36.091384    3255.338

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.753805  -320.955166   -3.559782
-125.173335  -10.986388  -914.523760
 0.25000   -9.753805  -282.030289   -3.559782
-125.173335   -9.998494  -979.800820
 0.50000   -9.753805  -244.874360   -3.559782
-125.173335   -9.793198   -1045.079
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1049

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000   -9.753805  -210.491342   -3.559782
-125.173335  -10.345626   -1110.356
 1.00000   -9.753805  -180.087666   -3.559782
-126.802960  -11.029411   -1175.634

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.258593   296.085555    4.044020
411.802045   37.396638    3939.643
 0.25000   10.258593   321.882040    4.044020
411.294552   35.377866    3849.067
 0.50000   10.258593   350.742735    4.044020
410.797065   34.334676    3753.711
 0.75000   10.258593   381.775030    4.044020
410.304342   34.532946    3658.636
 1.00000   10.258593   413.954498    4.044020
410.268524   36.001069    3553.709

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.289111  -298.978086   -3.646603
-288.868988  -11.606824   -1006.846
 0.25000   -9.289111  -266.968093   -3.646603
-288.868988  -10.659908   -1078.738
 0.50000   -9.289111  -236.365511   -3.646603
-288.868988  -10.384329   -1150.630
 0.75000   -9.289111  -208.139083   -3.646603
-288.868988  -10.747126   -1222.526
 1.00000   -9.289111  -183.135633   -3.646603
-288.868988  -11.224755   -1294.424

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.875034   138.091114    2.267214
194.204605   21.409671    1544.576
 0.25000    2.875034   155.226128    2.267214
216.018845   19.803991    1544.517
 0.50000    2.875034   174.395835    2.267214
237.158229   18.708100    1517.486
 0.75000    2.875034   195.012917    2.267214
258.465919   18.250878    1482.507
 1.00000    2.875034   216.433466    2.267214
287.266435   18.359853    1431.017

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.323049  -175.541320   -1.091589
-208.089748   -3.749650  -350.118136
 0.25000   -5.323049  -154.233729   -1.091589
-179.357029   -3.420927  -374.493637
 0.50000   -5.323049  -133.900978   -1.091589
-158.170838   -3.773909  -398.869990
 0.75000   -5.323049  -115.151096   -1.091589
-137.193959   -5.054163  -423.246350
 1.00000   -5.323049   -98.541340   -1.091589
-116.299466   -6.428662  -447.622716

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.897251   269.280792    4.163696
156.825733   40.882364    3031.502
 0.25000    6.897251   303.532011    4.163696
156.825733   38.105203    3006.663
 0.50000    6.897251   341.851052    4.163696
156.825733   36.423162    2956.473
 0.75000    6.897251   383.053573    4.163696
156.825733   36.124739    2886.978
 1.00000    6.897251   425.779398    4.163696
156.825733   37.075967    2782.394

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.820680  -346.716374   -2.836600
-148.984910   -6.891758   -676.019080
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                    >
                                    1050

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -7.820680  -304.215564   -2.836600
-148.984910   -6.272869   -722.983013
 0.50000   -7.820680  -263.583571   -2.836600
-148.984910   -6.547719   -769.947740
 0.75000   -7.820680  -226.106643   -2.836600
-148.984910   -7.687601   -816.917563
 1.00000   -7.820680  -192.908350   -2.836600
-148.984910   -8.854184   -863.891003

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.670862   298.562339    4.345634
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366.699486    40.232270    3732.674
 0.25000     8.670862   329.733714     4.345634
367.085011    37.864448    3668.837
 0.50000     8.670862   364.605203     4.345634
367.552074    36.611691    3590.819
 0.75000     8.670862   402.101302     4.345634
368.085090    36.642407    3501.765
 1.00000     8.670862   440.984156     4.345634
368.587218    37.861241    3389.344

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -8.425072   -335.015346    -3.024981
-187.126627   -10.272962   -909.597564
 0.25000    -8.425072   -296.337264    -3.024981
-187.126627    -9.367225   -973.652623
 0.50000    -8.425072   -259.360326    -3.024981
-187.126627    -9.211081    -1038.108
 0.75000    -8.425072   -225.255129    -3.024981
-187.126627    -9.714195    -1102.368
 1.00000    -8.425072   -195.041938    -3.024981
-187.126627   -11.027097    -1166.632

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     8.079821   295.640057     3.940217
346.904967    35.698901    3948.796
 0.25000     8.079821   321.910729     3.940217
346.904967    33.655589    3861.130
 0.50000     8.079821   351.301419     3.940217
346.904967    32.606069    3768.767
 0.75000     8.079821   382.903736     3.940217
346.904967    32.603442    3672.051
 1.00000     8.079821   415.674428     3.940217
346.904967    33.596651    3563.006

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -8.427136   -298.363324    -2.730342
-331.497772   -11.128027    -1003.938
 0.25000    -8.427136   -265.765219    -2.730342
-331.497772   -10.318487    -1075.551
 0.50000    -8.427136   -234.600496    -2.730342
-331.497772   -10.137900    -1147.165
 0.75000    -8.427136   -205.855707    -2.730342
-331.497772   -10.507322    -1218.782
 1.00000    -8.427136   -180.392629    -2.730342
-331.497772   -11.548449    -1290.401

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     2.575030    70.274168     1.515376
 73.854272    5.251639    1243.295
 0.25000     2.575030    70.915855     1.515376
 71.788658    5.054222    1191.616
 0.50000     2.575030    71.636991     1.515376
 70.269535    4.945695    1147.487
 0.75000     2.575030    72.411248     1.515376
 68.762569    4.940493    1112.833
 1.00000     2.575030    73.212855     1.515376
 67.258158    5.058200    1088.190
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1051

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -2.823151   -31.662778    -0.924825
-276.013636    -6.066799   -376.322597
 0.25000    -2.823151   -30.866177    -0.924825
-277.526166    -5.937045   -404.431668
 0.50000    -2.823151   -30.101934    -0.924825
-279.037027    -6.235142   -432.540743
 0.75000    -2.823151   -29.396749    -0.924825
-280.555649    -6.978658   -460.649826
 1.00000    -2.823151   -28.774911    -0.924825
-282.621633    -8.139918   -488.758913

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     5.911032   168.574795     2.663780
240.236385   38.424141    2482.086
 0.25000     5.911032   175.441358     2.663780
221.107981   17.462418    2387.094
 0.50000     5.911032   183.153377     2.663780
207.042137   16.986335    2309.034
 0.75000     5.911032   191.442547     2.663780
193.089027   17.138913    2254.775
 1.00000     5.911032   200.071311     2.663780
179.154835   17.910911    2216.351

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -4.801276   -123.308767    -2.053461
-482.614786    -7.190920   -666.454035
 0.25000    -4.801276   -114.785034    -2.053461
-496.622006    -6.890436   -714.868983
 0.50000    -4.801276   -106.611394    -2.053461
-510.606683    -7.110244   -763.283964
 0.75000    -4.801276    -99.069806    -2.053461
-524.665524    -7.875739   -811.705150
 1.00000    -4.801276    -92.415473    -2.053461
-543.792736    -9.008744   -860.130739

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     8.035318   282.903805     4.432651
127.325700   36.427591    3608.480
 0.25000     8.035318   314.550186     4.432651
128.291609   34.165539    3559.027
 0.50000     8.035318   349.951728     4.432651
129.340304   32.854654    3480.094
 0.75000     8.035318   388.018160     4.432651
130.459587   32.712203    3389.066
 1.00000     8.035318   427.492771     4.432651
131.754016   33.681731    3261.433

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.565085   -322.556987    -3.072269
-371.749677    -9.340219   -900.364517
 0.25000    -7.565085   -283.290259    -3.072269
-371.676099    -8.790316   -964.750964
 0.50000    -7.565085   -245.750855    -3.072269
-371.676099    -9.140108    -1029.137
 0.75000    -7.565085   -211.127215    -3.072269
-371.676099   -10.196025    -1093.528
 1.00000    -7.565085   -180.453574    -3.072269
-371.676099   -11.589540    -1157.922

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.971022   295.856924     4.754940
298.214748   36.927258    3939.987
 0.25000     7.971022   321.772599     4.754940
298.214747   34.671632    3850.056
 0.50000     7.971022   350.765839     4.754940
298.214747   33.291778    3755.254
 0.75000     7.971022   381.940882     4.754940
298.214747   33.080866    3659.638
 1.00000     7.971022   414.268576     4.754940
298.214747   33.944566    3553.372
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1052

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.791421   -298.010472    -2.848338
-382.853848   -10.930698    -1002.017
 0.25000    -9.791421   -265.853031    -2.848338
-382.853848   -10.204722    -1073.708
 0.50000    -9.791421   -235.109659    -2.848338
-382.853848   -10.430348    -1145.401
 0.75000    -9.791421   -206.753577    -2.848338
-382.853848   -12.518992    -1217.097
 1.00000    -9.791421   -181.634573    -2.848338
-382.853848   -14.967058    -1288.795

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.171653    89.128099     0.969375
329.335176    6.317533    1404.863
 0.25000    11.171653    89.557229     0.969375
330.394588    6.731995    1362.293
 0.50000    11.171653    90.031018     0.969375
331.533142    7.524509    1321.992
 0.75000    11.171653    90.531500     0.969375
332.751559    8.681884    1283.290
 1.00000    11.171653    91.040081     0.969375
334.048879    10.204620    1246.301

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -4.171455   -53.994807    -2.504216
-123.311877   -15.440615   -882.231338
 0.25000    -4.171455   -53.512557    -2.504216
-122.080376   -13.502594   -877.647968
 0.50000    -4.171455   -53.046622    -2.504216
-120.927137   -12.179905   -873.028133
 0.75000    -4.171455   -52.598681    -2.504216
-119.852277   -11.719752   -868.415225
 1.00000    -4.171455   -52.203843    -2.504216
-118.856591   -11.658104   -863.811418

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    12.653288   192.595327     3.164702
554.851344   21.041644    2685.899
 0.25000    12.653288   196.221772     3.164702
562.541682   20.176538    2603.401
 0.50000    12.653288   200.225754     3.164702
570.810589   20.074988    2527.668
 0.75000    12.653288   204.455148     3.164702
579.656694   20.566618    2466.046
 1.00000    12.653288   208.752456     3.164702
589.075825   21.557848    2412.807

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.447279   -143.879996    -3.092657
-276.040335    -19.213617    -1579.534
 0.25000   -11.447279   -139.804437    -3.092657
-267.704043    -19.692502    -1569.615
 0.50000   -11.447279   -135.817343    -3.092657
-259.340761    -19.661816    -1559.792
 0.75000   -11.447279   -132.076552    -3.092657
-251.541753    -20.654868    -1549.887
 1.00000   -11.447279   -128.744545    -3.092657
-244.320248    -22.124638    -1539.981

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    14.513636   300.363568     4.373127
477.469802    38.083975    3842.306
 0.25000    14.513636   324.816829     4.373127
472.573217    36.586452    3796.738
 0.50000    14.513636   351.816721     4.373127
467.998895    36.064255    3719.869
 0.75000    14.513636   380.346469     4.373127
463.732767    36.534295    3615.873
 1.00000    14.513636   409.319903     4.373127
459.774363    37.835473    3482.685
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1053

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.823471   -321.222714    -4.344724
-197.994622   -25.867231    -2148.679
 0.25000   -12.823471   -293.745806    -4.344724
-201.822678   -24.389262    -2133.950
 0.50000   -12.823471   -266.845553    -4.344724
-205.937082   -24.072387    -2118.770
 0.75000   -12.823471   -241.613324    -4.344724
-210.354260   -24.525506    -2103.693
 1.00000   -12.823471   -219.147624    -4.344724
-215.068657   -25.542572    -2088.757

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.398574   318.807152     4.167944
482.415414    39.606247    4173.581
 0.25000    15.398574   338.932333     4.167944
479.050977    38.049764    4099.254
 0.50000    15.398574   361.162327     4.167944
475.906621    37.463619    4004.443
 0.75000    15.398574   384.646875     4.167944
472.976711    38.032052    3899.409
 1.00000    15.398574   408.496640     4.167944
470.257588    39.436654    3778.824

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.268589   -313.060248    -4.678885
-349.637712   -27.906279    -2339.712
 0.25000   -12.268589   -290.442404    -4.678885
-352.205980   -25.904914    -2323.338
 0.50000   -12.268589   -268.299237    -4.678885
-354.983987   -24.974885    -2307.056
 0.75000   -12.268589   -247.529134    -4.678885
-357.964624   -24.789491    -2290.631
 1.00000   -12.268589   -229.035297    -4.678885
-361.156334   -25.130042    -2274.301

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     3.053019   134.458793     2.865457
187.334786   21.262179    1539.548
 0.25000     3.053019   148.138471     2.865457
206.848975   19.549930    1530.139
 0.50000     3.053019   163.242133     2.865457
227.832009   18.423037    1503.940
 0.75000     3.053019   179.195824     2.865457
250.291228   17.777614    1465.599
 1.00000     3.053019   195.405659     2.865457
274.165176   17.494716    1411.755

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -8.861600   -163.553700    -1.173117
-200.910311    -7.781299   -803.943162
 0.25000    -8.861600   -148.180148    -1.173117
-178.314000    -8.263340   -797.452752
 0.50000    -8.861600   -133.139539    -1.173117
-157.160042    -9.352304   -791.110081
 0.75000    -8.861600   -119.028245    -1.173117
-137.447580   -10.873601   -784.641210
 1.00000    -8.861600   -106.458247    -1.173117
-119.168859   -12.516248   -778.258878

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.674497   263.848030     4.167808
158.934379   40.177022    3023.071
 0.25000     7.674497   291.195340     4.167808
158.934379   38.027589    3006.969
 0.50000     7.674497   321.393902     4.167808
158.934379   36.802487    2956.538
 0.75000     7.674497   353.294971     4.167808
158.934379   36.588810    2880.953
 1.00000     7.674497   385.694033     4.167808
158.934379   37.116927    2773.752
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1054

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.551266   -323.639178    -3.196038
-152.598964   -15.924099    -1569.939
 0.25000   -10.551266   -292.912878    -3.196038
-152.598964   -15.483057    -1557.071
 0.50000   -10.551266   -262.832410    -3.196038
-152.598964   -15.748296    -1544.329
 0.75000   -10.551266   -234.618290    -3.196038
-152.598964   -16.511170    -1531.415
 1.00000   -10.551266   -209.487570    -3.196038
-152.598964   -17.431335    -1518.684

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.288046   309.396390     4.547842
391.913848   41.318023    3872.902
 0.25000    11.288046   334.378290     4.547842
392.737273   39.565450    3824.191
 0.50000    11.288046   361.962837     4.547842
393.607907   38.663122    3745.457
 0.75000    11.288046   391.102458     4.547842
394.520042   38.742293    3646.838
 1.00000    11.288046   420.697055     4.547842
395.467878   39.569503    3523.279

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.370787   -335.503800    -3.702093
-230.057252   -22.736577    -2116.256
 0.25000   -12.370787   -307.438158    -3.702093
-229.891732   -22.217023    -2100.435
 0.50000   -12.370787   -279.961523    -3.702093
-229.762496   -22.303408    -2084.759
 0.75000   -12.370787   -254.188787    -3.702093
-229.669768   -22.871076    -2068.904
 1.00000   -12.370787   -231.232812    -3.702093
-229.613863   -24.079879    -2053.217

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.883392   316.979192     4.194673
394.745391   38.629480    4177.928
 0.25000    10.883392   338.101772     4.194673
394.745391   36.859005    4108.977
 0.50000    10.883392   361.426610     4.194673
394.745391   35.776296    4015.635
 0.75000    10.883392   386.066435     4.194673
394.745391   35.529054    3908.018
 1.00000    10.883392   411.090900     4.194673
394.745391   36.006796    3782.669

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.519461   -315.612131    -3.570680
-384.678217   -24.422610    -2314.861
 0.25000   -12.519461   -291.879678    -3.570680
-384.678217   -24.422610    -2314.861
 0.50000   -12.519461   -268.646054    -3.570680
-384.678217   -24.009863    -2298.549
 0.75000   -12.519461   -246.853964    -3.570680
-384.678217   -24.019354    -2282.076
 1.00000   -12.519461   -227.443439    -3.570680
-384.678217   -24.647652    -2265.763

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     3.063813   91.134564     1.562570
113.294330    7.690521    1431.988
 0.25000     3.063813   91.664364     1.562570
111.741078    6.830741    1388.327
 0.50000     3.063813   92.251820     1.562570
110.286991    6.180628    1346.859
 0.75000     3.063813   92.872769     1.562570
108.931784    5.742260    1307.393
 1.00000     3.063813   93.503133     1.562570
107.676077    5.505945    1270.404
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1055

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -5.630726   -54.751188    -1.121442
-315.055060   -13.229075   -871.334329
 0.25000    -5.630726   -54.153191    -1.121442
-316.375078   -12.484064   -867.082257
 0.50000    -5.630726   -53.567737    -1.121442
-317.794299   -12.196160   -863.133187
 0.75000    -5.630726   -53.018610    -1.121442
-319.312738   -12.449292   -859.194117
 1.00000    -5.630726   -52.531922    -1.121442
-320.930717   -13.019388   -855.249369

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     8.399377   193.784975     2.574713
269.322155   21.772381    2688.410
 0.25000     8.399377   198.584860     2.574713
257.585176   20.439657    2609.939
 0.50000     8.399377   203.904463     2.574713
246.585769   19.821473    2535.257
 0.75000     8.399377   209.524754     2.574713
236.338154   19.900595    2472.744
 1.00000     8.399377   215.231396     2.574713
226.825821   20.435521    2416.883

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.755544   -150.198077    -2.936600
-516.705327   -20.131001    -1539.979
 0.25000    -7.755544   -144.784481    -2.936600
-526.679912   -18.349262    -1530.369

                      Page
<                MOVING          LOAD                >
                                 1056

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.366421   296.627421     4.261994
189.807042   38.338250    3785.938
 0.25000     9.366421   321.367671     4.261994
193.931574   36.108699    3742.899
 0.50000     9.366421   348.678279     4.261994
198.341580   34.701207    3667.411
 0.75000     9.366421   377.528803     4.261994
203.043331   34.286204    3564.486
 1.00000     9.366421   406.830369     4.261994
208.022848   34.633187    3432.051

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.669539   -319.716589    -3.661173
-439.799609   -24.275929    -2085.411
 0.25000   -11.669539   -291.928931    -3.661173
-435.428753   -22.968538    -2070.999
 0.50000   -11.669539   -264.725282    -3.661173
-431.322598   -23.370861    -2056.760
 0.75000   -11.669539   -239.209559    -3.661173
-427.498165   -22.381009    -2042.345
 1.00000   -11.669539   -216.474418    -3.661173
-423.957892   -22.808276    -2028.087

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.936768   317.920889     5.041629
362.543674   40.363297    4167.235
 0.25000     9.936768   338.255062     5.041629
365.303787   37.956514    4093.933
 0.50000     9.936768   360.770404     5.041629
368.258496   36.410112    3999.183
 0.75000     9.936768   384.420220     5.041629
371.399763   35.895969    3893.493
 1.00000     9.936768   408.505464     5.041629
374.730684   36.087905    3771.808
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1057

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.858115   -312.574919    -3.572848
-457.205184   -26.619428    -2324.389
 0.25000   -14.858115   -289.733818    -3.572848
-454.340840   -25.866857    -2308.548
 0.50000   -14.858115   -267.372733    -3.572848
-451.656222   -26.029321    -2299.191
 0.75000   -14.858115   -246.398067    -3.572848
-449.149086   -27.241728    -2289.700
 1.00000   -14.858115   -227.711184    -3.572848
-446.832035   -28.836285    -2280.323

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.258593   298.562339     4.754940
512.212033   40.882364    3948.796
 0.25000    10.258593   329.733714     4.754940
523.501753   38.105203    3861.130
 0.50000    10.258593   364.605203     4.754940
534.809473   36.611691    3768.767
 0.75000    10.258593   402.101302     4.754940
546.201856   36.642407    3672.051
 1.00000    10.258593   440.984156     4.754940
561.621781   37.861241    3563.006

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.791421   -346.716374    -3.646603
-482.614786   -11.606824    -1006.846
 0.25000    -9.791421   -304.215564    -3.646603
-496.622006   -10.659908    -1078.738
 0.50000    -9.791421   -263.583577    -3.646603
-510.606683   -10.430348    -1150.630
 0.75000    -9.791421   -226.106643    -3.646603
-524.665524   -12.518992    -1222.526
 1.00000    -9.791421   -195.041938    -3.646603
-543.792736   -14.967058    -1294.424

 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.398574   318.807152     5.041629
554.851344   41.318023    4177.928
 0.25000    15.398574   338.932333     5.041629
562.541682   39.565450    4108.977
 0.50000    15.398574   361.962837     5.041629
570.810589   38.663122    4015.635
 0.75000    15.398574   391.102458     5.041629
579.656694   38.742293    3908.018
 1.00000    15.398574   420.697055     5.041629
589.075825   39.569503    3782.669

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.858115   -335.503800    -4.678885
-516.705327   -27.906279    -2339.712
 0.25000   -14.858115   -307.438158    -4.678885
-526.679912   -25.904914    -2323.338
 0.50000   -14.858115   -279.961523    -4.678885
-537.403741   -26.029321    -2307.056
 0.75000   -14.858115   -254.188787    -4.678885
-548.875836   -27.241728    -2290.631
 1.00000   -14.858115   -231.232812    -4.678885
-561.100792   -28.836285    -2280.323

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.398574   318.807152     5.041629
554.851344   41.318023    4177.928
 0.25000    15.398574   338.932333     5.041629
562.541682   39.565450    4108.977
 0.50000    15.398574   364.605203     5.041629
570.810589   38.663122    4015.635
 0.75000    15.398574   402.101302     5.041629
579.656694   38.742293    3908.018
 1.00000    15.398574   440.984156     5.041629
589.075825   39.569503    3782.669
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1058

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.858115   -346.716374    -4.678885
-516.705327   -27.906279    -2339.712
 0.25000   -14.858115   -307.438158    -4.678885
-526.679912   -25.904914    -2323.338
 0.50000   -14.858115   -279.961523    -4.678885
-537.403741   -26.029321    -2307.056
 0.75000   -14.858115   -254.188787    -4.678885
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-548.875836  -27.241728   -2290.631
 1.00000  -14.858115  -231.232812   -4.678885
-561.100792  -28.836285   -2280.323

 COMB  DESIGN  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.398574   318.807152    5.041629
554.851344   41.318023    4177.928
 0.25000   15.398574   338.932333    5.041629
562.541682   39.565450    4108.977
 0.50000   15.398574   364.605203    5.041629
570.810589   38.663122    4015.635
 0.75000   15.398574   402.101302    5.041629
579.656694   38.742293    3908.018
 1.00000   15.398574   440.984156    5.041629
589.075825   39.569503    3782.669

 COMB  DESIGN  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.858115  -346.716374   -4.678885
-516.705327  -27.906279   -2339.712
 0.25000  -14.858115  -307.438158   -4.678885
-526.679912   -25.904914   -2323.338
 0.50000  -14.858115  -279.961523   -4.678885
-537.403741   -26.029321   -2307.056
 0.75000  -14.858115  -254.188787   -4.678885
-548.875836  -27.241728   -2290.631
 1.00000  -14.858115  -231.232812   -4.678885
-561.100792  -28.836285   -2280.323

 ELEM        74  ================== LENGTH
=     4.957366

 COMB DB-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.224418    88.766762    0.274926
400.252719    6.684206    1050.666
 0.25000    5.224418    89.301335    0.274926
401.508328    7.504497    966.924207
 0.50000    5.224418    89.896459    0.274926
402.755326    8.581829    890.121927
 0.75000    5.224418    90.534210    0.274926
404.001326    9.908867    820.950552
 1.00000    5.224418    91.197093    0.274926
405.684308   11.673677    762.061671

 COMB DB-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.667830   -30.639173   -2.487654
-79.131980   -6.713799  -490.287180
 0.25000   -3.667830   -29.980298   -2.487654
-77.445714   -4.580860   -518.211671
 0.50000   -3.667830   -29.353150   -2.487654
-76.207941   -3.473094   -546.136162
 0.75000   -3.667830   -28.776631   -2.487654
-74.990735   -2.619071   -574.060653
 1.00000   -3.667830   -28.267268   -2.487654
-73.786120   -2.431051   -601.985145

 COMB DB-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.947784   202.467890    3.501863
676.749020   17.236526    2184.042
 0.25000    6.947784   207.826214    3.501863
688.087837   16.465002    2025.042
 0.50000    6.947784   213.791541    3.501863
699.347535   15.758384    1884.907
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1058

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000    6.947784   220.183866    3.501863
710.597383   15.538197    1774.556
 1.00000    6.947784   226.825754    3.501863
725.793232   15.863164    1685.933

 COMB DB-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.364550  -102.635426   -2.571132
-204.640953   -9.337362   -875.490682
 0.25000   -8.364550   -96.033678   -2.571132
-189.419970  -12.727961   -924.723513
 0.50000   -8.364550   -89.747882   -2.571132
-178.248252  -15.294645  -973.956345
 0.75000   -8.364550   -83.969314   -2.571132
-167.263249  -18.607526   -1023.189
 1.00000   -8.364550   -78.863943   -2.571132
-156.393140  -22.538893   -1072.422

 COMB DB-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.808723   333.501316    5.071302
549.141379   33.654524    3254.146
 0.25000    9.808723   364.557222    5.071302
546.497711   31.153755    3125.716
 0.50000    9.808723   399.137036    5.071302
544.499832   29.573421    2974.721
 0.75000    9.808723   436.176622    5.071302
542.469753   29.186948    2803.656
 1.00000    9.808723   474.537328    5.071302
540.385105   30.062656    2606.467

 COMB DB-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.113670  -295.659715   -3.500528
-110.072906  -11.897505   -1175.876
 0.25000  -10.113670  -257.529774   -3.500528
-110.072906  -13.363207   -1241.269
 0.50000  -10.113670  -221.120889   -3.500528
-110.072906  -15.549630   -1306.662
 0.75000  -10.113670  -187.638039   -3.500528
-110.072906  -18.434236   -1372.055
 1.00000  -10.113670  -158.062273   -3.500528
-110.072906  -21.903988   -1437.448

 COMB DB-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.406527   353.161918    4.763696
501.402488   33.663907    3553.236
 0.25000   10.406527   378.701864    4.763696
500.825105   31.919279    3374.199
 0.50000   10.406527   407.137942    4.763696
500.259234   31.478107    3194.115
 0.75000   10.406527   437.597293    4.763696
499.921779   32.462697    3017.771
 1.00000   10.406527   469.143524    4.763696
499.921779   34.912117    2834.388

 COMB DB-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.605183  -270.762236   -4.433666
-326.730628  -12.525510   -1294.545
 0.25000   -9.605183  -239.405747   -4.433666
-326.730628  -13.810849   -1366.549
 0.50000   -9.605183  -209.464907   -4.433666
-326.730628  -15.707110   -1438.553
 0.75000   -9.605183  -181.930725   -4.433666
-326.730628  -18.190138   -1510.557
 1.00000   -9.605183  -157.607888   -4.433666
-326.730628  -21.163540   -1582.561

 COMB DB-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.084974   157.994693    3.680710
231.458346   17.552192    1430.634
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1059

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000    3.084974   174.964061    3.680710
252.611905   14.702273    1396.030
 0.50000    3.084974   193.856408    3.680710
273.635462   12.190837    1331.717
 0.75000    3.084974   214.097811    3.680710
294.653934   10.062672    1270.886
 1.00000    3.084974   235.101804    3.680710
322.992171    8.320863    1195.365

 COMB DB-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.222230  -158.244306   -0.283984
-175.805617   -6.254980  -447.675293
 0.25000   -5.222230  -137.367003   -0.283984
-147.452143  -10.080218   -472.232503
 0.50000   -5.222230  -117.465867   -0.283984
-126.654154  -14.059024  -496.789714
 0.75000   -5.222230   -99.168129   -0.283984
-106.218095  -18.094863  -521.346924
 1.00000   -5.222230   -83.002926   -0.283984
-86.012340   -22.190216  -545.904143

 COMB DB-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.222741   307.715273    5.570954
165.974002   25.645177    2782.493
 0.25000    7.222741   341.625937    5.570954
165.974002   31.939823    2701.151
 0.50000    7.222741   379.381266    5.570954
165.974002   29.337875    2598.299
 0.75000    7.222741   419.823136    5.570954
165.974002   28.279994    2479.100
 1.00000    7.222741   461.708243    5.570954
165.974002   28.750755    2328.465

 COMB DB-G2-2  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.120378  -313.385824   -2.705216
-150.220363   -8.861233   -863.909064
 0.25000   -8.120378  -271.752620   -2.705216
-150.220363  -12.246513   -911.105974
 0.50000   -8.120378  -231.999142   -2.705216
-150.220363  -15.760917   -958.302884
 0.75000   -8.120378  -195.441221   -2.705216
-150.220363   -19.353230   -1005.500
 1.00000   -8.120378  -163.146525   -2.705216
-150.220363   -22.973469   -1052.697

 COMB DB-G2-3  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.910768   350.077838    6.325489
456.093381   35.560568    3388.617
 0.25000    8.910768   380.939462    6.325489
456.360042   32.669827    3246.735
 0.50000    8.910768   415.298138    6.325489
456.710308   30.901344    3093.718
 0.75000    8.910768   452.102199    6.325489
457.121361   30.588650    2934.860
 1.00000    8.910768   490.220160    6.325489
457.447216   31.721466    2754.483

 COMB DB-G2-3  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.763843  -303.538447   -3.091516
-182.443122  -10.905259   -1166.783
 0.25000   -8.763843  -265.649716   -3.091516
-182.443122  -14.553004   -1231.255
 0.50000   -8.763843  -229.471979   -3.091516
-182.443122  -19.818895   -1295.727
 0.75000   -8.763843  -196.202810   -3.091516
-182.443122  -24.488147   -1360.198
 1.00000   -8.763843  -166.811715   -3.091516
-182.443122  -29.354349   -1424.670
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1060

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.350838   352.697827    5.537628
409.065975   31.031398    3563.067
 0.25000    8.350838   378.707293    5.537628
409.065975   28.489480    3387.172
 0.50000    8.350838   407.665616    5.537628
409.065975   27.417541    3209.214
 0.75000    8.350838   438.684515    5.537628
409.065975   27.666288    3033.795
 1.00000    8.350838   470.810387    5.537628
409.065975   29.119044    2845.685

 COMB DB-G2-4  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.676668  -270.434702   -3.079503
-390.544675  -12.183904   -1290.412
 0.25000   -8.676668  -238.502051   -3.079503
-390.544675  -15.930153   -1362.223
 0.50000   -8.676668  -208.011148   -3.079503
-390.544675  -19.855015   -1434.034
 0.75000   -8.676668  -179.971237   -3.079503
-390.544675  -23.871852   -1505.844
 1.00000   -8.676668  -155.201218   -3.079503
-390.544675  -28.046428   -1577.655

 COMB DB-G3-1  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.717671    92.095399    1.238858
70.964103    4.120252    1089.250
 0.25000    2.717671    92.730393    1.238858
68.910834    3.434157    1002.751
 0.50000    2.717671    93.440592    1.238858
67.401191    2.809077    923.611456
 0.75000    2.717671    94.200993    1.238858
65.914165    2.645574    853.730223
 1.00000    2.717671    94.985696    1.238858
64.439668    2.539482    794.488182

 COMB DB-G3-1  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.776337   -31.154893   -0.870713
-382.760092   -8.719623   -488.554945
 0.25000   -2.776337   -30.374884   -0.870713
-384.284442   -8.468631   -516.710785
 0.50000   -2.776337   -29.627728   -0.870713
-385.793742   -8.547785   -544.866624
 0.75000   -2.776337   -28.940374   -0.870713
-387.298684   -8.980765   -573.022463
 1.00000   -2.776337   -28.335900   -0.870713
-389.342164   -9.751166   -601.178303

 COMB DB-G3-2  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.000546   206.813316    2.234381
212.442391   16.355943    2217.909
 0.25000    6.000546   213.608703    2.234381
193.420589   15.302141    2063.503
 0.50000    6.000546   221.204243    2.234381
179.432091   15.212583    1926.093
 0.75000    6.000546   229.337167    2.234381
165.653007   16.324016    1814.610
 1.00000    6.000546   237.734114    2.234381
151.988734   18.372382    1721.235

 COMB DB-G3-2  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.858522  -111.860525   -3.117580
-629.884693   -9.973621   -859.570935
 0.25000   -4.858522  -103.513846   -3.117580
-643.997574   -9.793887   -908.362402
 0.50000   -4.858522   -95.522146   -3.117580
-657.973256   -9.869583   -956.853869
 0.75000   -4.858522   -88.170470   -3.117580
-671.909520   -10.285498   -1005.345
 1.00000   -4.858522   -81.701307   -3.117580
-690.832995   -11.019757   -1053.837
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1061

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.431483   334.549369    4.475744
118.420487   31.611221    3262.734
 0.25000    8.431483   365.881403    4.475744
119.269155   28.379028    3135.000
 0.50000    8.431483   400.762463    4.475744
120.197857   26.391581    2985.276
 0.75000    8.431483   438.126459    4.475744
121.187213   25.850845    2815.309
 1.00000    8.431483   476.824672    4.475744
122.292716   26.612276    2618.322

 COMB DB-G3-3  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.829694  -297.082258   -2.892124
-494.415554  -12.219888   -1157.712
 0.25000   -7.829694  -258.616745   -2.892124
-494.415554  -13.251677   -1222.295
 0.50000   -7.829694  -221.888500   -2.892124
-494.415554  -14.628244   -1286.879
 0.75000   -7.829694  -188.113390   -2.892124
-494.415554  -16.372565   -1351.462
 1.00000   -7.829694  -158.274201   -2.892124
-494.415554  -18.423480   -1416.045

 COMB DB-G3-4  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.312233   352.995050    6.249404
347.737451   31.412830    3553.892
 0.25000    8.312233   378.653076    6.249404
347.737451   28.187642    3375.533
 0.50000    8.312233   407.219823    6.249404
347.737451   26.009959    3195.739
 0.75000    8.312233   437.819365    6.249404
347.737451   25.101389    3019.144
 1.00000    8.312233   469.510985    6.249404
347.737451   25.319179    2834.298

 COMB DB-G3-4  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.940400  -270.362883   -2.626962
-461.345009  -15.388289   -1288.710
 0.25000   -9.940400  -238.861868   -2.626962
-461.345009  -19.298374   -1360.648
 0.50000   -9.940400  -208.783162   -2.626962
-461.345009  -23.508096   -1432.585
 0.75000   -9.940400  -181.122381   -2.626962
-461.345009  -28.028375   -1504.523
 1.00000   -9.940400  -156.687033   -2.626962
-461.345009  -32.795339   -1576.460

 COMB DL-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.032588   118.138961    0.356294
464.136221    7.550580    1245.016
 0.25000   11.032588   118.578305    0.356294
465.229471    9.849486    1157.771
 0.50000   11.032588   119.058859    0.356294
466.392834   12.103237    1073.195
 0.75000   11.032588   119.565278    0.356294
467.625575   16.160959   990.395656
 1.00000   11.032588   120.078644    0.356294
468.926866   19.960790   909.935137

 COMB DL-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.304069   -46.785699   -3.957482
-102.187451  -10.489220   -863.702035
 0.25000   -4.304069   -46.321250   -3.957482
-100.982809   -8.053343   -858.901760
 0.50000   -4.304069   -45.869046   -3.957482
-99.865197    -6.494384   -854.142386
 0.75000   -4.304069   -45.446574   -3.957482
-98.833893    -5.861975   -849.349842
 1.00000   -4.304069   -45.071644   -3.957482
-97.887872    -5.566167   -849.560194
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1062

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.661376   242.511087    4.761072
740.849070   17.119469    2410.948
 0.25000   12.661376   246.223678    4.761072
748.788161   17.044257    2252.347
 0.50000   12.661376   250.284347    4.761072
757.236562   17.989427    2098.710
 0.75000   12.661376   254.564519    4.761072
766.187924   19.704248    1960.377
 1.00000   12.661376   258.901954    4.761072
775.636120   22.124303    1830.834

 COMB DL-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.490680  -125.568752   -3.962423
-224.016279  -19.594171   -1539.824
 0.25000  -11.490680  -121.643941   -3.962423
-215.281967  -21.095645   -1529.895
 0.50000  -11.490680  -117.822228   -3.962423
-207.180345  -23.817856   -1520.004
 0.75000  -11.490680  -114.251943   -3.962423
-199.705366  -27.537483   -1510.062
 1.00000  -11.490680  -111.083400   -3.962423
-192.847433  -31.757812   -1508.884

 COMB DL-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.731614   366.134596    5.981622
635.368189   33.258369    3481.233
 0.25000   14.731614   391.147585    5.981622
630.343340   32.057114    3334.429
 0.50000   14.731614   418.525306    5.981622
625.675311   32.181930    3155.663
 0.75000   14.731614   447.376057    5.981622
621.353228   33.564341    2950.953
 1.00000   14.731614   476.624145    5.981622
617.368412   36.094618    2717.587

 COMB DL-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.103098  -291.010886   -4.910719
-158.012598  -23.202277   -2088.656
 0.25000  -13.103098  -264.545721   -4.910719
-161.880315  -24.233929   -2073.999
 0.50000  -13.103098  -238.765862   -4.910719
-166.010977  -26.452440   -2059.368
 0.75000  -13.103098  -214.688607   -4.910719
-170.418867  -29.694110   -2044.796
 1.00000  -13.103098  -193.323841   -4.910719
-175.106729  -33.601235   -2041.766

 COMB DL-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   15.545119   390.563029    5.493381
586.139698   35.654877    3778.223
 0.25000   15.545119   411.153948    5.493381
582.665414   35.418857    3593.758
 0.50000   15.545119   433.690165    5.493381
579.418953   36.661044    3386.759
 0.75000   15.545119   457.439038    5.493381
576.420411   39.220237    3170.173
 1.00000   15.545119   481.514993    5.493381
573.651985   43.120130    2939.520

 COMB DL-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.533320  -279.463265   -5.914979
-369.826746  -23.847693   -2774.296
 0.25000  -12.533320  -257.678228   -5.914979
-372.413024  -24.290459   -2257.906
 0.50000  -12.533320  -236.457324   -5.914979
-375.187364  -25.835956   -2241.559
 0.75000  -12.533320  -216.637935   -5.914979
-378.154434  -28.372446   -2225.233
 1.00000  -12.533320  -199.050418   -5.914979
-381.318133  -31.665684   -2221.256
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1063

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.289315   158.138401    5.147693
224.281713   16.087569    1411.401
 0.25000    3.289315   172.137491    5.147693
244.448927   13.561940    1365.592
 0.50000    3.289315   187.426627    5.147693
265.895657   11.369108    1302.626
 0.75000    3.289315   203.595852    5.147693
288.614788    9.604724    1228.389
 1.00000    3.289315   219.956680    5.147693
312.592578    8.357569    1138.825

 COMB DL-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.803361  -148.877968   -0.477107
-173.521034  -11.466528   -778.235133
 0.25000   -8.803361  -134.072897   -0.477107
-151.487877  -15.767629   -772.217877
 0.50000   -8.803361  -119.656374   -0.477107
-131.027898  -20.249329   -766.293154
 0.75000   -8.803361  -106.187677   -0.477107
-112.162311  -24.910936   -760.345137
 1.00000   -8.803361   -94.236013   -0.477107
-94.854591   -29.833957   -758.616021

 COMB DL-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.031352   309.876899    6.350866
172.422961   35.360432    2773.862
 0.25000    8.031352   337.855548    6.350866
172.422961   32.940413    2686.672
 0.50000    8.031352   368.469775    6.350866
172.422961   31.362582    2564.703
 0.75000    8.031352   400.734307    6.350866
172.422961   30.887223    2419.151
 1.00000    8.031352   433.436944    6.350866
172.422961   31.617481    2242.341

 COMB DL-G2-2  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.794519  -295.077561   -3.098337
-158.333298  -16.744607   -1518.733
 0.25000  -10.794519  -265.483495   -3.098337
-158.333298  -20.028288   -1506.467
 0.50000  -10.794519  -236.655889   -3.098337
-158.333298  -23.588858   -1494.211
 0.75000  -10.794519  -209.732187   -3.098337
-158.333298  -27.486349   -1481.938
 1.00000  -10.794519  -185.834828   -3.098337
-158.333298   -31.883124   -1477.921

 COMB DL-G2-3  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.560467   372.871552    6.877256
493.556123   35.553341    3522.477
 0.25000   11.560467   398.430192    6.877256
494.477664   34.064810    3376.596
 0.50000   11.560467   426.394601    6.877256
495.405126   33.403553    3199.344
 0.75000   11.560467   455.866445    6.877256
496.326318   33.760715    3001.077
 1.00000   11.560467   485.737698    6.877256
497.237268   35.235298    2779.476

 COMB DL-G2-3  ------------------  MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.574410  -301.735918   -3.778056
-208.408264  -21.738463   -2053.179
 0.25000  -12.574410  -274.703553   -3.778056
-208.406268  -25.171749   -2043.996
 0.50000  -12.574410  -248.371332   -3.778056
-208.405813  -30.008497   -2079.797
 0.75000  -12.574410  -223.777230   -3.778056
-208.403924  -34.599998   -2075.648
 1.00000  -12.574410  -201.947935   -3.778056
-208.403924  -39.622175   -2078.461
 Program  SAP2000  Nonlinear  Version  7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                1064

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4  ------------------  MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.117775   388.086659    6.080665
455.055367   32.904899    3782.751
 0.25000   11.117775   409.696875    6.080665
455.055367   31.569503    3605.516
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 0.50000     11.117775    433.342765      6.080665
455.055367    31.128508     3400.296
 0.75000     11.117775    458.263322      6.080665
455.055367    31.664023     3181.094
 1.00000     11.117775    483.521568      6.080665
455.055367    33.371566     2944.815

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -12.682117  -280.680316   -3.878051
-437.710870  -23.700300   -2265.815
 0.25000   -12.682117  -257.822381   -3.878051
-437.710870  -26.575660   -2254.684
 0.50000   -12.682117  -235.556445   -3.878051
-437.710870  -29.781069   -2280.995
 0.75000   -12.682117  -214.761051   -3.878051
-437.710870  -33.334513   -2274.062
 1.00000   -12.682117  -196.303152   -3.878051
-437.710870  -37.476106   -2275.708

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     3.205625    120.485795     1.519995
 89.928159    6.289213     1271.683
 0.25000     3.205625    121.027674     1.519995
 88.400418    5.480013     1183.281
 0.50000     3.205625    121.623130     1.519995
 86.981523    4.770941     1096.781
 0.75000     3.205625    122.250785     1.519995
 85.670808    4.166083     1012.483
 1.00000     3.205625    122.886773     1.519995
 84.468914    3.985052    930.924649

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -5.655027   -47.232054    -1.091360
-442.676200  -14.644219   -855.368711
 0.25000    -5.655027   -46.656087    -1.091360
-444.036329  -14.184481   -851.485584
 0.50000    -5.655027   -46.095058    -1.091360
-445.481280  -14.023686   -847.571725
 0.75000    -5.655027   -45.571056    -1.091360
-447.016061  -14.172132   -843.843779
 1.00000    -5.655027   -45.108182    -1.091360
-448.636990  -14.865786   -844.120454

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.530815    243.011538     2.473083
217.596341   21.105049     2418.715
 0.25000     8.530815    247.920535     2.473083
206.025987   21.103974     2265.485
 0.50000     8.530815    253.312413     2.473083
195.288360   21.680388     2114.037
 0.75000     8.530815    258.994682     2.473083
185.373819   23.028808     1975.824
 1.00000     8.530815    264.752738     2.473083
176.270875   25.455156     1844.715

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -7.898006  -131.586227    -3.930217
-686.226410  -18.066673   -1599.055
 0.25000    -7.898006  -126.371736    -3.930217
-696.491680  -17.960810   -1502.021
 0.50000    -7.898006  -121.293042    -3.930217
-707.421449  -17.353532   -1494.976
 0.75000    -7.898006  -116.549161    -3.930217
-719.002364  -17.180875   -1487.891
 1.00000    -7.898006  -112.355566    -3.930217
-731.251418  -17.810951   -1487.537
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1065

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     9.757135    361.068355     5.127754
156.975946   34.351736     3433.634
 0.25000     9.757135    386.381437     5.127754
161.299269   32.002812     3291.860
 0.50000     9.757135    414.067108     5.127754
165.873967   30.424339     3116.602
 0.75000     9.757135    443.246059     5.127754
170.677979   29.978649     2915.064
 1.00000     9.757135    472.821426     5.127754
175.728667   30.927238     2684.595

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -11.936685  -289.599403    -3.680273
-579.301019  -24.275984   -2028.272
 0.25000   -11.936685  -262.832575    -3.680273
-575.227079  -25.587417   -2014.387
 0.50000   -11.936685  -236.761981    -3.680273
-571.442230  -25.790891   -2000.421
 0.75000   -11.936685  -212.412328    -3.680273
-567.976358  -27.281570   -1986.537
 1.00000   -11.936685  -190.794416    -3.680273
-564.814086  -29.688493   -1983.089

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    10.290058    389.635950     7.229151
396.448409   34.703149     3772.478
 0.25000    10.290058    410.442032     7.229151
399.353757   31.592592     3589.527
 0.50000    10.290058    433.199544     7.229151
402.426467   29.896976     3382.709
 0.75000    10.290058    457.184507     7.229151
405.657211   29.239558     3165.476
 1.00000    10.290058    481.495310     7.229151
409.034987   29.854500     2933.714

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -14.997548  -278.795416    -3.459790
-544.840675  -28.686012   -2280.464
 0.25000   -14.997548  -256.795499    -3.459790
-542.214036  -32.153515   -2271.137
 0.50000   -14.997548  -235.365451    -3.459790
-539.780609  -36.038380   -2263.678
 0.75000   -14.997548  -215.350001    -3.459790
-537.534615  -40.417002   -2268.007
 1.00000   -14.997548  -197.581105    -3.459790
-535.502457  -45.625015   -2269.039

 COMB       DB ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    10.406527    353.161918     6.325489
676.749020   35.645177     3563.067
 0.25000    10.406527    380.939462     6.325489
688.087837   32.669827     3387.172
 0.50000    10.406527    415.298138     6.325489
699.349535   31.478161     3209.214
 0.75000    10.406527    452.102199     6.325489
710.597383   32.462697     3033.795
 1.00000    10.406527    490.220160     6.325489
725.793232   34.912117     2845.685

 COMB       DB ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -10.113670  -313.385824    -4.433666
-629.884693  -15.388289   -1294.545
 0.25000   -10.113670  -271.752620    -4.433666
-643.997574  -19.298374   -1366.549
 0.50000   -10.113670  -231.999142    -4.433666
-657.973256  -23.508096   -1438.553
 0.75000   -10.113670  -196.202810    -4.433666
-671.909520  -28.028375   -1510.557
 1.00000   -10.113670  -166.811715    -4.433666
-690.832995  -32.795339   -1582.561
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1066

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    15.545119    390.563029     7.229151
740.849070   35.654877     3782.751
 0.25000    15.545119    411.153949     7.229151
748.788161   35.418857     3605.516
 0.50000    15.545119    433.690165     7.229151
757.236562   36.661044     3400.296
 0.75000    15.545119    458.263322     7.229151
766.187924   39.220237     3181.094
 1.00000    15.545119    490.220160     7.229151
775.636120   43.120130     2944.815

 COMB       DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -14.997548  -301.735918    -5.914979
-686.226410  -28.686012   -2280.464
 0.25000   -14.997548  -274.703553    -5.914979
-696.491680  -32.153515   -2271.137
 0.50000   -14.997548  -248.371332    -5.914979
-707.421449  -36.038380   -2280.995
 0.75000   -14.997548  -223.777230    -5.914979
-719.002364  -40.417002   -2274.062
 1.00000   -14.997548  -201.947935    -5.914979
-731.251418  -45.625015   -2275.708

 COMB       CAR ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    15.545119    390.563029     7.229151
740.849070   35.654877     3782.751
 0.25000    15.545119    411.153949     7.229151
748.788161   35.418857     3605.516
 0.50000    15.545119    433.690165     7.229151
757.236562   36.661044     3400.296
 0.75000    15.545119    458.263322     7.229151
766.187924   39.220237     3181.094
 1.00000    15.545119    490.220160     7.229151
775.636120   43.120130     2944.815

 COMB       CAR ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -14.997548  -313.385824    -5.914979
-686.226410  -28.686012   -2280.464
 0.25000   -14.997548  -274.703553    -5.914979
-696.491680  -32.153515   -2271.137
 0.50000   -14.997548  -248.371332    -5.914979
-707.421449  -36.038380   -2280.995
 0.75000   -14.997548  -223.777230    -5.914979
-719.002364  -40.417002   -2274.062
 1.00000   -14.997548  -201.947935    -5.914979
-731.251418  -45.625015   -2275.708

 COMB       DESIGN ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    15.545119    390.563029     7.229151
740.849070   35.654877     3782.751
 0.25000    15.545119    411.153949     7.229151
748.788161   35.418857     3605.516
 0.50000    15.545119    433.690165     7.229151
757.236562   36.661044     3400.296
 0.75000    15.545119    458.263322     7.229151
766.187924   39.220237     3181.094
 1.00000    15.545119    490.220160     7.229151
775.636120   43.120130     2944.815

 COMB       DESIGN ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -14.997548  -313.385824    -5.914979
-686.226410  -28.686012   -2280.464
 0.25000   -14.997548  -274.703553    -5.914979
-696.491680  -32.153515   -2271.137
 0.50000   -14.997548  -248.371332    -5.914979
-707.421449  -36.038380   -2280.995
 0.75000   -14.997548  -223.777230    -5.914979
-719.002364  -40.417002   -2274.062
 1.00000   -14.997548  -201.947935    -5.914979
-731.251418  -45.625015   -2275.708
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1067

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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=     4.958415

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     5.137064    107.614226     0.158317
475.660316    9.930961    760.656550
 0.25000     5.137064    108.149238     0.158317
476.887737   11.419262    653.476965
 0.50000     5.137064    108.741792     0.158317
478.110674   13.123324    552.740112
 0.75000     5.137064    109.374266     0.158317
479.336789   15.068127    461.436334
 1.00000     5.137064    110.028244     0.158317
480.997491   17.031297    382.035289

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -3.806083   -30.185565    -2.609463
-73.504596   -3.453772   -601.980408
 0.25000    -3.806083   -29.539340    -2.609463
-71.847504   -1.853869   -626.293608
 0.50000    -3.806083   -28.925991    -2.609463
-70.628857   -1.662030   -650.611976
 0.75000    -3.806083   -28.362825    -2.609463
-69.427583   -1.734464   -675.016473
 1.00000    -3.806083   -27.865982    -2.609463
-68.235666   -1.883963   -699.531352

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.967382    240.539717     2.635426
786.433428   13.009412     1683.876
 0.25000     6.967382    245.902276     2.635426
797.509947   12.670968     1475.672
 0.50000     6.967382    251.841659     2.635426
808.546999   13.862937     1286.045
 0.75000     6.967382    258.180897     2.635426
819.613166   15.527909     1128.808
 1.00000     6.967382    264.733411     2.635426
834.598736   17.531002    996.846743

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.428519   -88.755595    -2.625385
-183.311363  -23.760117   -1072.405
 0.25000    -8.428519   -82.280957    -2.625385
-168.361945  -25.194562   -1120.843
 0.50000    -8.428519   -76.133586    -2.625385
-157.371582  -27.292044   -1169.386
 0.75000    -8.428519   -70.489057    -2.625385
-146.538967  -29.954295   -1218.040
 1.00000    -8.428519   -65.507260    -2.625385
-135.791390  -32.899621   -1266.777

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    10.055557    389.487715     4.770686
641.696974   26.716224     2604.848
 0.25000    10.055557    420.559118     4.770686
638.692113   24.477360     2404.319
 0.50000    10.055557    454.979101     4.770686
636.929804   23.632478     2181.716
 0.75000    10.055557    491.700780     4.770686
635.301391   23.946115     1942.197
 1.00000    10.055557    529.537298     4.770686
633.264962   25.220795     1681.123

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -10.486943  -262.512095    -2.746497
-96.965696   -22.609219   -1437.459
 0.25000   -10.486943  -225.135767    -2.746497
-96.965696   -24.822328   -1506.345
 0.50000   -10.486943  -189.535425    -2.746497
-96.965696   -27.613482   -1575.519
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1068

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   -10.486943  -156.840086    -2.746497
-96.965696   -30.951666   -1644.891
 1.00000   -10.486943  -127.902444    -2.746497
-96.965696   -34.509711   -1714.334

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    10.568628    414.473072     4.516543
574.663489   32.088477     2633.752
 0.25000    10.568628    440.025805     4.516543
573.947856   31.550535     2574.367
 0.50000    10.568628    468.330563     4.516543
573.603424   32.252074     2314.364
 0.75000    10.568628    498.528589     4.516543
573.603424   33.919076     2063.049
 1.00000    10.568628    529.643874     4.516543
573.603424   36.373864     1808.870

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -9.933939   -238.411778    -3.434372
-350.177403  -22.193483   -1582.602
 0.25000    -9.933939   -207.674863    -3.434372
-350.177403  -24.193121   -1658.323
 0.50000    -9.933939   -178.398776    -3.434372
-350.177403  -26.614422   -1734.309
 0.75000    -9.933939   -151.512082    -3.434372
-350.177403  -29.493961   -1810.478
 1.00000    -9.933939   -127.215164    -3.434372
-350.177403  -32.564756   -1886.711

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     3.299045    182.125473     3.587367
256.820392    7.147093     1194.792
 0.25000     3.299045    199.106254     3.587367
277.417921    4.348152     1119.237
 0.50000     3.299045    217.914373     3.587367
297.955166    2.459870     1033.534
 0.75000     3.299045    237.985417     3.587367
318.551681    1.183458     942.819171
 1.00000     3.299045    258.705040     3.587367
346.404155    2.370706     838.981404

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -5.291911   -135.916218    -0.310829
-158.037590  -22.137013   -545.902057
 0.25000    -5.291911   -115.445160    -0.310829
-130.297738  -25.630474   -574.881462
 0.50000    -5.291911   -95.983735    -0.310829
-109.961961  -27.613534   -604.066892
 0.75000    -5.291911   -78.112804    -0.310829
-89.913149   -32.696090   -633.304739
 1.00000    -5.291911   -62.316340    -0.310829
-70.038379   -36.264512   -662.543592

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     7.558005    354.478987     5.650872
175.080264   27.072770     2328.510
 0.25000     7.558005    388.406644     5.650872
175.080264   24.568026     2187.254
 0.50000     7.558005    425.987657     5.650872
175.080264   23.510395     2023.898
 0.75000     7.558005    466.082595     5.650872
175.080264   23.475786     1847.058
 1.00000     7.558005    507.395578     5.650872
175.080264   24.156247     1641.813

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.431023   -269.918850    -1.556579
-153.580608  -22.684304   -1052.737
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1069

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000    -8.431023   -229.108217    -1.556579
-153.580608  -26.682062   -1108.421
 0.50000    -8.431023   -190.237301    -1.556579
-153.580608  -30.686233   -1164.458
 0.75000    -8.431023   -154.539029    -1.556579
-153.580608  -34.706169   -1220.647
 1.00000    -8.431023   -122.943026    -1.556579
-153.580608  -38.734172   -1276.841

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     9.162478    408.224848     6.107971
518.280073   28.835017     2753.553
 0.25000     9.162478    439.101080     6.107971
518.280057   26.797002     2535.122
 0.50000     9.162478    473.302139     6.107971
518.280057   26.015422     2306.481
 0.75000     9.162478    509.790581     6.107971
518.359378   26.194263     2076.083
 1.00000     9.162478    547.387990     6.107971
518.388647   27.123362     1828.098

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -9.115434   -265.470398    -1.939117
-183.575248  -29.198093   -1424.694
 0.25000    -9.115434   -228.330886    -1.939117
-183.575248  -34.047108   -1495.770
 0.50000    -9.115434   -192.955372    -1.939117
-183.575248  -38.902708   -1567.159
 0.75000    -9.115434   -160.468403    -1.939117
-183.575248  -43.774800   -1638.711
 1.00000    -9.115434   -131.714338    -1.939117
-183.575248  -48.649420   -1710.274

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.632795    414.443951     5.347006
458.943306   26.730743     2845.764
 0.25000     8.632795    440.466451     5.347006
458.943306   25.463905     2587.455
 0.50000     8.632795    469.291074     5.347006
458.943306   25.256908     2328.795
 0.75000     8.632795    500.043876     5.347006
458.943306   25.896993     2077.362
 1.00000     8.632795    531.709918     5.347006
458.943306   27.168405     1817.709

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.938653   -239.546262    -2.058392
-434.095363  -28.582504   -1577.694
 0.25000    -8.938653   -208.244522    -2.058392
-434.095363  -32.638917   -1653.886
 0.50000    -8.938653   -178.430545    -2.058392
-434.095363  -36.699380   -1730.337
 0.75000    -8.938653   -151.049983    -2.058392
-434.095363  -40.770222   -1806.932
 1.00000    -8.938653   -126.815861    -2.058392
-434.095363  -44.847262   -1883.549

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     2.863640    111.398475     0.567318
 64.946269    4.134305    795.971438
 0.25000     2.863640    112.033716     0.567318
 62.908704    3.951926    684.225361
 0.50000     2.863640    112.740425     0.567318
 61.401453    3.784941    579.911760
 0.75000     2.863640    113.494071     0.567318
 59.913113    3.624041    486.340067
 1.00000     2.863640    114.267877     0.567318
 58.434790    3.534632    405.900262
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1070

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -2.831591   -30.582233    -1.343772
-454.421793  -10.642852   -601.189318
 0.25000    -2.831591   -29.818074    -1.343772
-455.923022   -9.506216   -625.790102
 0.50000    -2.831591   -29.087654    -1.343772
-457.416224   -8.696045   -650.394169
 0.75000    -2.831591   -28.416707    -1.343772
-458.912259   -8.307454   -675.005265
 1.00000    -2.831591   -27.825755    -1.343772
-460.945603   -8.256734   -699.669336

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.098196    245.088995     1.882530
192.159844   20.050536     1723.425
 0.25000     6.098196    251.887132     1.882530
173.269843   21.600779     1518.620
 0.50000     6.098196    259.445649     1.882530
159.290150   23.562704     1330.846
 0.75000     6.098196    267.506666     1.882530
145.840448   25.532028     1149.262
 1.00000     6.098196    275.787259     1.882530
131.769772   27.674762     1035.064

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -4.922060   -97.212160    -3.055357
-729.391306  -12.482369   -1053.889
 0.25000    -4.922060   -89.034456    -3.055357
-743.302122  -11.851487   -1101.565
 0.50000    -4.922060   -81.221555    -3.055357
-757.138019  -12.107926   -1149.322
 0.75000    -4.922060   -74.045005    -3.055357
-770.999436  -12.419302   -1197.150
 1.00000    -4.922060   -67.719925    -3.055357
-789.844227  -12.817949   -1245.033

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.838862    390.433392     4.522736
110.305820   27.101320     2620.065
 0.25000     8.838862    421.781202     4.522736
110.846864   24.772598     2419.531
 0.50000     8.838862    456.501416     4.522736
111.444108   23.298363     2197.616
 0.75000     8.838862    493.545065     4.522736
112.068097   22.723611     1959.009
 1.00000     8.838862    531.714890     4.522736
112.743541   23.177055     1698.178

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.104407   -263.535634    -2.326674
-576.894976  -19.111721   -1416.101
 0.25000    -8.104407   -225.829814    -2.326674
-576.894976  -20.800300   -1484.127
 0.50000    -8.104407   -189.916704    -2.326674
-576.894976  -23.047147   -1552.444
 0.75000    -8.104407   -156.935610    -2.326674
-576.894976  -25.299483   -1620.894
 1.00000    -8.104407   -127.743964    -2.326674
-576.894976  -27.553807   -1689.393

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.664379    414.324182     5.742358
379.701020   24.663394     2835.054
 0.25000     8.664379    439.995072     5.742358
379.701020   22.445298     2575.631
 0.50000     8.664379    468.429944     5.742358
379.701020   21.285291     2315.267
 0.75000     8.664379    498.767003     5.742358
379.701020   20.905079     2063.402
 1.00000     8.664379    530.025744     5.742358
379.701020   21.382451     1807.672
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1071

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -10.102916  -238.341555    -2.179556
```

```
-523.090703  -33.390788  -1576.494
 0.25000  -10.102916 -207.462897   -2.179556
-523.090703  -37.267710  -1652.143
 0.50000  -10.102916 -178.051942   -2.179556
-523.090703  -41.599526  -1728.054
 0.75000  -10.102916 -151.041579   -2.179556
-523.090703  -45.943809  -1804.090
 1.00000  -10.102916 -127.135062   -2.179556
-523.090703  -50.293426  -1880.170

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.914372  144.041467    0.247256
581.715955   18.875082  908.084600
 0.25000   10.914372  144.494008    0.247256
582.807258   21.847313  785.351438
 0.50000   10.914372  144.986806    0.247256
583.973287   25.448054  690.641235
 0.75000   10.914372  145.504692    0.247256
585.213770   29.547139  623.813313
 1.00000   10.914372  146.029258    0.247256
586.526510   33.847491  577.484879

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.442186  -45.345076   -4.119695
-145.544444   -6.276439  -849.315821
 0.25000   -4.442186  -44.903379   -4.119695
-144.379139   -9.139070  -848.144478
 0.50000   -4.442186  -44.473502   -4.119695
-143.293871   -3.358551  -873.745091
 0.75000   -4.442186  -44.074550   -4.119695
-142.286592   -3.133378  -923.518469
 1.00000   -4.442186  -43.721381   -4.119695
-141.361140   -3.142873   -1001.113

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.687999  297.288594    4.222453
917.156318   19.564918  1828.190
 0.25000   12.687999  301.112799    4.222453
925.079786   21.037915   1596.576
 0.50000   12.687999  305.276485    4.222453
933.545961   24.075916   1418.804
 0.75000   12.687999  309.652455    4.222453
942.550608   27.920482   1305.583
 1.00000   12.687999  314.085337    4.222453
952.083368   32.208711   1236.668

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.547300  -112.858240   -4.166331
-279.376019   -31.888818   -1508.525
 0.25000  -11.547300  -109.125612   -4.166331
-270.944242   -34.195223   -1513.385
 0.50000  -11.547300  -105.492844   -4.166331
-263.070043   -37.752048   -1568.540
 0.75000  -11.547300  -102.121377   -4.166331
-255.784489   -42.065991   -1671.302
 1.00000  -11.547300   -99.136766   -4.166331
-249.059390   -46.731386   -1831.199

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.972493  447.566595    6.286675
785.098155   33.516081   2715.468
 0.25000   14.972493  473.294839    6.286675
779.984458   33.573468   2460.908
 0.50000   14.972493  501.399266    6.286675
775.199322   35.275488   2240.367
 0.75000   14.972493  530.881321    6.286675
770.737385   38.122985   2070.604
 1.00000   14.972493  560.754106    6.286675
766.591807   41.957176   1922.525
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1072

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.397829 -262.488023   -4.502417
-208.419412   -34.041518
 0.25000  -13.397829 -237.305967   -4.502417
-212.327312   -37.275181   -2055.059
 0.50000  -13.397829 -212.806191   -4.502417
-216.566746   -41.668562   -2138.253
 0.75000  -13.397829 -190.070601   -4.502417
-221.132206   -46.845336   -2291.911
 1.00000  -13.397829 -169.947999   -4.502417
-226.030404   -52.658574   -2531.048

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.715716  479.173855    5.781021
725.044064   41.500018   2938.669
 0.25000   15.715716  500.353460    5.781021
721.466844   42.939509   2636.899
 0.50000   15.715716  523.488060    5.781021
718.120224   45.718769   2384.506
 0.75000   15.715716  547.756651    5.781021
714.995199   49.536885   2210.290
 1.00000   15.715716  572.346925    5.781021
712.087269   54.150372   2060.038

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.812880 -250.495099   -5.071618
-463.892982   -33.035332   -2221.220
 0.25000  -12.812880 -229.766246   -5.071618
-466.531241   -35.958394   -2234.675
 0.50000  -12.812880 -209.598993   -5.071618
-469.391443   -39.591997   -2252.273
 0.75000  -12.812880 -190.883996   -5.071618
-472.482416   -44.373524   -2486.291
 1.00000  -12.812880 -174.318894   -5.071618
-475.811054   -49.461792   -2742.203

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.527968  193.057900    5.265483
265.503652    6.967429   1138.233
 0.25000    3.527968  207.459819    5.265483
285.617564    5.001746   1047.369
 0.50000    3.527968  223.184375    5.265483
307.082609    3.975267   965.859060
 0.75000    3.527968  239.682489    5.265483
329.843422    3.839717   903.319028
 1.00000    3.527968  256.407371    5.265483
354.021133    4.407424   846.353918

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.757271 -131.664307   -0.537246
-176.217977   -29.261876  -758.545477
 0.25000   -8.757271 -117.544672   -0.537246
-154.977457   -32.192607  -767.930432
 0.50000   -8.757271 -103.882033   -0.537246
-135.142578   -39.641457  -804.836449
 0.75000   -8.757271   -91.163701   -0.537246
-116.765459   -45.411945  -871.039621
 1.00000   -8.757271   -79.905473   -0.537246
-99.862049   -51.522233  -973.335583

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.397649  378.188605    7.050001
201.499534   30.366123   2242.416
 0.25000    8.397649  406.967158    7.050001
201.499534   28.720858   2066.843
 0.50000    8.397649  438.394921    7.050001
201.499534   28.385941   1906.884
 0.75000    8.397649  471.364565    7.050001
201.499534   28.939572   1782.758
 1.00000    8.397649  504.771997    7.050001
201.499534   30.211318   1668.634
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1073

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.049469 -261.049401   -2.044180
-181.127663  -32.071442   -1477.997
 0.25000  -11.049469 -232.889912   -2.044180
-181.127663  -37.480844   -1495.727
 0.50000  -11.049469 -205.493380   -2.044180
-181.127663  -43.421632   -1565.933
 0.75000  -11.049469 -180.069880   -2.044180
-181.127663  -49.687121   -1693.376
 1.00000  -11.049469 -157.560941   -2.044180
-181.127663  -56.301039   -1891.640

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.849572  457.470483    7.141496
610.437770   32.317380   2778.215
 0.25000   11.849572  483.759842    7.141496
611.204239   31.275265   2521.516
 0.50000   11.849572  512.467470    7.141496
611.964091   31.315138   2299.364
 0.75000   11.849572  542.583517    7.141496
612.709624   32.437842   2132.119
 1.00000   11.849572  573.099507    7.141496
613.433206   34.409074   1992.541

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.792956 -269.151874   -2.769841
-264.208850  -38.972450   -2078.326
 0.25000  -12.792956 -243.429854   -2.769841
-264.208850  -44.226121   -2101.671
 0.50000  -12.792956 -218.404754   -2.769841
-264.208850  -49.956762   -2217.330
 0.75000  -12.792956 -195.181957   -2.769841
-264.208850  -56.232282   -2379.044
 1.00000  -12.792956 -174.619784   -2.769841
-264.208813  -62.986689   -2617.872

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.396386  477.361083    6.280673
572.461920   31.907194   2944.931
 0.25000   11.396386  499.589131    6.280673
572.461920   31.671399   2649.611
 0.50000   11.396386  523.863382    6.280673
572.461920   32.400220   2397.417
 0.75000   11.396386  549.328554    6.280673
572.461920   34.124329   2210.072
 1.00000   11.396386  575.131867    6.280673
572.461920   36.589953   2061.663

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.861987 -251.837134   -3.159101
-548.848225  -38.454944   -2275.780
 0.25000  -12.861987 -230.087240   -3.159101
-548.848225  -42.795437   -2295.544
 0.50000  -12.861987 -208.926641   -3.159101
-548.848225  -47.558116   -2407.775
 0.75000  -12.861987 -189.289977   -3.159101
-548.848225  -52.840814   -2575.736
 1.00000  -12.861987 -171.904469   -3.159101
-548.848225  -58.570215   -2827.204

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.348144  147.096048    0.896727
118.411586    6.359784  932.824359
 0.25000    3.348144  147.653500    0.896727
116.921067    6.442675  807.866009
 0.50000    3.348144  148.264449    0.896727
115.533949    6.577778  707.055289
 0.75000    3.348144  148.905948    0.896727
114.245823    6.801423  635.220992
 1.00000    3.348144  149.555456    0.896727
113.057732    7.091811  585.403780
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1074

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.751423  -45.328038   -1.667947
-545.911101  -17.396048  -844.391070
 0.25000   -5.751428  -44.780151   -1.667947
-547.269389  -16.405882  -843.996279
 0.50000   -5.751428  -44.247081   -1.667947
-548.723343  -15.574262  -867.439704
 0.75000   -5.751428  -43.752328   -1.667947
-550.271961  -15.176545  -916.169397
 1.00000   -5.751428  -43.316619   -1.667947
-551.915930  -15.071954  -992.621164

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.670384  297.634047    2.116009
252.089858   28.319096   1847.433
 0.25000    8.670384  302.684440    2.116009
240.797521   30.175394   1620.288
 0.50000    8.670384  308.215922    2.116009
230.278552   32.226124   1438.651
 0.75000    8.670384  314.024443    2.116009
220.525908   34.364989   1320.046
 1.00000    8.670384  319.905162    2.116009
211.520340   36.792491   1245.100

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.116213 -117.827682   -3.571100
-833.984048  -21.462423   -1487.982
 0.25000   -8.116213 -112.867570   -3.571100
-844.250109  -20.978303   -1495.727
 0.50000   -8.116213 -108.041637   -3.571100
-855.235192  -20.850274   -1562.693
 0.75000   -8.116213 -103.562694   -3.571100
-866.942257  -21.121317   -1644.782
 1.00000   -8.116213  -99.614800   -3.571100
-879.367721  -21.496801   -1804.175

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.159567  441.147513    5.483344
197.059094   32.749948   2686.815
 0.25000   10.159567  467.182575    5.483344
201.314236   31.837493   2438.190
 0.50000   10.159567  495.606131    5.483344
205.811197   31.544335   2219.216
 0.75000   10.159567  525.425194    5.483344
210.544142   32.070324   2045.679
 1.00000   10.159567  555.638294    5.483344
215.494303   33.576004   1895.708

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.276871 -260.793649   -3.224074
-704.414103  -32.702935   -1983.477
 0.25000  -12.276871 -235.326885   -3.224074
-700.699232  -34.955503   -1997.132
 0.50000  -12.276871 -210.553474   -3.224074
-697.259904  -37.789372   -2074.373
 0.75000  -12.276871 -187.558060   -3.224074
-694.091679  -41.131614   -2222.508
 1.00000  -12.276871 -167.193177   -3.224074
-691.188072  -44.830153   -2453.982

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.654373  478.172460    7.071187
494.458087   29.542242   2934.664
 0.25000   10.654373  499.571991    7.071187
497.311925   28.533783   2634.091
 0.50000   10.654373  522.935956    7.071187
500.319096   28.491753   2380.298
 0.75000   10.654373  547.446157    7.071187
503.471171   29.264203   2194.672
 1.00000   10.654373  572.281957    7.071187
506.763472   30.603581   2050.864
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1075

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.203754 -249.900011   -3.129184
-669.564467   -47.067258   -2269.218
 0.25000  -15.203754 -228.966370   -3.129184
-667.212738   -51.567066   -2285.748
 0.50000  -15.203754 -208.599943   -3.129184
-665.030044   -56.785975   -2374.426
 0.75000  -15.203754 -189.790418   -3.129184
-663.031577   -62.559205   -2540.090
 1.00000  -15.203754 -172.961571   -3.129184
-661.549459   -68.677965   -2790.721

 COMB     DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.568628  414.473072    6.107971
786.433428   32.088477   2845.764
 0.25000   10.568628  440.466451    6.107971
797.509947   31.550535   2587.455
 0.50000   10.568628  473.302139    6.107971
808.546999   32.252074   2328.795
 0.75000   10.568628  509.790581    6.107971
819.613166   33.919076   2077.362
 1.00000   10.568628  547.387990    6.107971
834.598736   36.373864   1828.098

 COMB     DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.486943 -269.918850   -3.434372
-729.391306   -33.390788   -1582.602
 0.25000  -10.486943 -229.108217   -3.434372
-743.302122   -37.267710   -1658.323
 0.50000  -10.486943 -192.955372   -3.434372
-757.138019   -41.599526   -1734.309
 0.75000  -10.486943 -160.468403   -3.434372
-770.999436   -45.943809   -1810.478
 1.00000  -10.486943 -131.714338   -3.434372
-789.844227   -50.293426   -1886.711

 COMB     DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.715716  479.173855    7.141496
917.156318   41.500018   2944.931
 0.25000   15.715716  500.353460    7.141496
925.079786   42.939509   2649.611
 0.50000   15.715716  523.863382    7.141496
933.545961   45.718769   2397.417
 0.75000   15.715716  549.328554    7.141496
942.550608   49.536885   2210.072
 1.00000   15.715716  575.131867    7.141496
952.083368   54.150372   2061.663

 COMB     DL ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.203754 -269.151874   -5.071618
-833.984048  -47.067258   -2275.780
 0.25000  -15.203754 -243.429850   -5.071618
-844.250109  -51.567066   -2295.544
 0.50000  -15.203754 -218.404754   -5.071618
-855.235192  -56.785975   -2407.775
 0.75000  -15.203754 -195.181957   -5.071618
-866.942257  -62.559205   -2575.736
 1.00000  -15.203754 -174.619784   -5.071618
-879.367721  -68.677965   -2827.204

 COMB     CAR ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.715716  479.173855    7.141496
917.156318   41.500018   2944.931
 0.25000   15.715716  500.353460    7.141496
925.079786   42.939509   2649.611
 0.50000   15.715716  523.863382    7.141496
933.545961   45.718769   2397.417
 0.75000   15.715716  549.328554    7.141496
942.550608   49.536885   2210.072
 1.00000   15.715716  575.131867    7.141496
952.083368   54.150372   2061.663
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1076

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB     CAR ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.203754 -269.918850   -5.071618
-833.984048  -47.067258   -2275.780
 0.25000  -15.203754 -243.429850   -5.071618
-844.250109  -51.567066   -2295.544
 0.50000  -15.203754 -218.404754   -5.071618
-855.235192  -56.785975   -2407.775
 0.75000  -15.203754 -195.181957   -5.071618
-866.942257  -62.559205   -2575.736
 1.00000  -15.203754 -174.619784   -5.071618
-879.367721  -68.677965   -2827.204

 COMB  DESIGN ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.715716  479.173855    7.141496
917.156318   41.500018   2944.931
 0.25000   15.715716  500.353460    7.141496
925.079786   42.939509   2649.611
 0.50000   15.715716  523.863382    7.141496
933.545961   45.718769   2397.417
 0.75000   15.715716  549.328554    7.141496
942.550608   49.536885   2210.072
 1.00000   15.715716  575.131867    7.141496
952.083368   54.150372   2061.663

 COMB  DESIGN ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.203754 -269.918850   -5.071618
-833.984048  -47.067258   -2275.780
 0.25000  -15.203754 -243.429850   -5.071618
-844.250109  -51.567066   -2295.544
 0.50000  -15.203754 -218.404754   -5.071618
-855.235192  -56.785975   -2407.775
 0.75000  -15.203754 -195.181957   -5.071618
-866.942257  -62.559205   -2575.736
 1.00000  -15.203754 -174.619784   -5.071618
-879.367721  -68.677965   -2827.204

 ELEM       76 ========== LENGTH =    4.957518

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.056065  116.278489    3.399707
486.639335   18.097763  380.399762
 0.25000    5.056065  116.841197    3.399707
487.878831   14.822492  274.285991
 0.50000    5.056065  117.459775    3.399707
489.099918   11.561430  238.083651
 0.75000    5.056065  118.116128    3.399707
490.311269    8.421444  242.936913
 1.00000    5.056065  118.792503    3.399707
491.953648    5.478817  247.680834

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.952567  -29.376524   -1.185118
-181.095285   -3.194237  -699.086297
 0.25000   -3.952567  -28.746426   -1.185118
-179.474431   -1.803127  -712.566457
 0.50000   -3.952567  -28.148329   -1.185118
-178.245202   -1.414672  -726.497329
 0.75000   -3.952567  -27.603332   -1.185118
-177.050987   -2.852659  -740.529264
 1.00000   -3.952567  -27.128681   -1.185118
-176.026409   -5.463632  -755.065176

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.993525  276.884554    3.451291
808.613839   16.578931   994.306718
 0.25000    6.993525  282.527478    3.451291
819.788800   14.263858   752.726695
 0.50000    6.993525  288.730738    3.451291
830.798813   12.162557   591.324754
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1077

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000    6.993525  295.312325    3.451291
841.720479   11.433998  520.999946
 1.00000    6.993525  302.092438    3.451291
856.529051   18.959223  470.549281

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.508198  -72.225222   -9.694853
-322.564391   -34.216521   -1266.128
 0.25000   -8.508198  -65.892420   -9.694853
-307.952317   -23.447749   -1314.172
 0.50000   -8.508198  -59.893640   -9.694853
-296.875219   -14.165162   -1362.949
 0.75000   -8.508198  -54.427319   -9.694853
-286.111225   -9.596391   -1412.323
 1.00000   -8.508198  -50.368172   -9.694853
-276.874870   -10.951056   -1462.208

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.311858  460.822623    5.082746
658.186079   23.284737   1679.150
 0.25000   10.311858  493.685280    5.082746
655.991484   19.191814   1398.478
 0.50000   10.311858  529.797903    5.082746
653.980380   15.591595   1194.581
 0.75000   10.311858  568.086163    5.082746
652.560445   12.846991   933.022188
 1.00000   10.311858  607.409376    5.082746
652.560445   16.449020   720.824559

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.876270 -201.137858   -6.005504
-222.944430   -34.692770   -1713.840
 0.25000  -10.876270 -164.595321   -6.005504
-222.944430   -28.750837   -1799.536
 0.50000  -10.876270 -129.624112   -6.005504
-222.944430   -23.075501   -1887.294
 0.75000  -10.876270   -97.752158   -6.005504
-222.944430   -20.583434   -1976.816
 1.00000  -10.876270   -75.058629   -6.005504
-223.632780   -22.263177   -2068.161

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.741953  491.510822    8.919179
634.055429   34.810093   1806.041
 0.25000   10.741953  518.534764    8.919179
634.010964   25.767568   1461.697
 0.50000   10.741953  548.229463    8.919179
634.010964   17.262969   1160.433
 0.75000   10.741953  579.713833    8.919179
634.010964   13.286864   949.138195
 1.00000   10.741953  612.049564    8.919179
634.010964   16.319872   763.210046

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.277375 -183.527042   -5.699358
-462.839058   -33.327803   -1886.563
 0.25000  -10.277375 -153.478195   -5.699358
-462.839058   -27.712483   -1979.825
 0.50000  -10.277375 -124.722660   -5.699358
-462.839058   -22.454796   -2074.919
 0.75000  -10.277375   -98.510635   -5.699358
-462.839058   -18.251734   -2171.551
 1.00000  -10.277375   -79.842511   -5.699358
-462.839058   -27.222283   -2269.821

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.514597  221.936521    0.207407
267.336912    2.230145  838.302530
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING             LOAD                >
                                     1078

 F R A M E   E L E M E N T   I N T E R N A
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L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 3.514597 239.842131 0.207407
287.987781 2.683595 712.351654
0.50000 3.514597 259.521562 0.207407
308.327616 3.138407 574.604947
0.75000 3.514597 280.395479 0.207407
328.510023 5.294491 430.779957
1.00000 3.514597 301.872440 0.207407
355.884045 15.502906 300.016600

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.404008 -99.631958 -9.423918
-165.354192 -36.195749 -662.416242
0.25000 -5.404008 -79.612785 -9.423918
-138.377029 -26.227707 -708.410362
0.50000 -5.404008 -60.571341 -9.423918
-117.984821 -17.159541 -755.509550
0.75000 -5.404008 -43.218552 -9.423918
-98.137114 -10.951640 -803.462573
1.00000 -5.404008 -30.545866 -9.423918
-81.088266 -8.208196 -852.485383

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.899891 433.333832 6.061129
190.249077 23.132942 1641.869
0.25000 7.899891 469.214210 6.061129
190.249077 16.803079 1400.415
0.50000 7.899891 508.639981 6.061129
190.249077 10.931746 1132.974
0.75000 7.899891 550.442151 6.061129
190.249077 7.748798 848.388184
1.00000 7.899891 593.374797 6.061129
190.249077 13.815506 585.531334

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.751727 -196.535137 -5.888748
-167.643207 -38.518710 -1276.920
0.25000 -8.751727 -156.638934 -5.888748
-167.643207 -32.009014 -1366.175
0.50000 -8.751727 -118.460223 -5.888748
-167.643207 -25.860476 -1457.624
0.75000 -8.751727 -83.656946 -5.888748
-167.643207 -23.106435 -1550.847
1.00000 -8.751727 -58.868460 -5.888748
-167.643207 -25.187662 -1646.257

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.422805 490.879316 6.949307
540.870393 24.581118 1826.989
0.25000 9.422805 523.531658 6.949307
540.870390 17.702580 1510.120
0.50000 9.422805 559.408598 6.949307
540.870390 11.755131 1195.622
0.75000 9.422805 597.448733 6.949307
540.870390 9.512378 951.425357
1.00000 9.422805 636.517932 6.949307
540.870390 16.233059 723.301963

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.481174 -199.968190 -8.697291
-280.848525 -48.708575 -1710.013
0.25000 -9.481174 -163.655520 -8.697291
-280.848525 -38.546999 -1808.353
0.50000 -9.481174 -128.913753 -8.697291
-280.848525 -28.718891 -1908.681
0.75000 -9.481174 -97.250947 -8.697291
-280.848525 -23.107727 -2010.607
1.00000 -9.481174 -74.673979 -8.697291
-280.848525 -28.864352 -2114.543
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1079

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.919482 492.672341 7.124414
544.421996 25.153948 1817.742
0.25000 8.919482 520.192577 7.124414
544.421996 17.868465 1470.109
0.50000 8.919482 550.432128 7.124414
544.421996 11.737845 1147.402
0.75000 8.919482 582.494377 7.124414
544.421996 10.155577 943.676656
1.00000 8.919482 615.423700 7.124414
544.421996 15.825385 760.395530

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.213153 -185.297988 -8.411334
-522.917790 -45.363655 -1883.622
0.25000 -9.213153 -154.697615 -8.411334
-522.917790 -35.475909 -1979.053
0.50000 -9.213153 -125.414559 -8.411334
-522.917790 -25.852802 -2076.168
0.75000 -9.213153 -98.720459 -8.411334
-522.917790 -20.421346 -2174.610
1.00000 -9.213153 -79.707700 -8.411334
-522.917790 -25.035519 -2274.744

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.006236 120.330227 1.104718
159.747143 5.003856 407.563144
0.25000 3.006236 121.005536 1.104718
157.729006 3.801793 294.627940
0.50000 3.006236 121.750594 1.104718
156.187435 4.424752 236.136171
0.75000 3.006236 122.539975 1.104718
154.695979 5.861753 239.868800
1.00000 3.006236 123.347990 1.104718
153.419722 7.648802 243.372065

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.984188 -29.306328 -2.452529
-466.798581 -9.076059 -700.121593
0.25000 -2.984188 -28.555609 -2.452529
-468.338348 -6.693624 -713.134680
0.50000 -2.984188 -27.833025 -2.452529
-469.854925 -4.584350 -726.427906
0.75000 -2.984188 -27.174289 -2.452529
-471.359414 -2.800911 -740.032312
1.00000 -2.984188 -26.728750 -2.452529
-473.399131 -1.791072 -753.675213

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.211138 283.612284 8.070828
308.092815 29.307129 1037.551
0.25000 6.211138 290.834128 8.070828
289.365416 19.664817 794.286144
0.50000 6.211138 298.797513 8.070828
275.053161 11.928877 609.930366
0.75000 6.211138 307.235483 8.070828
261.209224 7.895468 528.301385
1.00000 6.211138 315.876532 8.070828
249.368125 9.412743 466.099044

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.188577 -76.823333 -3.060302
-750.763630 -14.817190 -1245.732
0.25000 -5.188577 -68.796629 -3.060302
-765.049561 -11.596531 -1292.934
0.50000 -5.188577 -61.075021 -3.060302
-779.120371 -9.363412 -1340.806
0.75000 -5.188577 -54.035910 -3.060302
-793.079043 -11.085306 -1389.577
1.00000 -5.188577 -49.240771 -3.060302
-812.002998 -16.590903 -1438.979
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1080

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.249681 462.493398 5.906698
219.426471 23.503094 1700.193
0.25000 9.249681 495.642138 5.906698
219.441223 17.281018 1416.661
0.50000 9.249681 532.063232 5.906698
219.451061 12.654210 1146.319
0.75000 9.249681 570.680818 5.906698
219.451061 10.327178 926.530615
1.00000 9.249681 610.343315 5.906698
219.451061 12.043604 710.008586

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.554922 -200.920305 -3.426369
-593.093638 -28.222331 -1689.995
0.25000 -8.554922 -164.054232 -3.426369
-593.093638 -24.457697 -1774.261
0.50000 -8.554922 -128.785779 -3.426369
-593.093638 -21.260221 -1860.480
0.75000 -8.554922 -96.643565 -3.426369
-593.093638 -20.930770 -1948.662
1.00000 -8.554922 -73.711609 -3.426369
-593.093638 -22.819707 -2038.688

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.019976 490.787666 5.691587
480.789555 21.012362 1808.475
0.25000 9.019976 517.935763 5.691587
480.789555 15.968297 1462.145
0.50000 9.019976 547.766127 5.691587
480.789555 12.451246 1146.594
0.75000 9.019976 579.394631 5.691587
480.789555 11.021618 943.790947
1.00000 9.019976 611.878528 5.691587
480.789555 18.912755 758.247126

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.416530 -183.528036 -10.197925
-590.162416 -51.095753 -1880.434
0.25000 -10.416530 -153.337975 -10.197925
-590.162416 -39.041797 -1972.778
0.50000 -10.416530 -124.451218 -10.197925
-590.162416 -27.593715 -2066.366
0.75000 -10.416530 -98.117696 -10.197925
-590.162416 -20.821783 -2162.617
1.00000 -10.416530 -79.361021 -10.197925
-590.162416 -22.728140 -2260.000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.844614 151.345214 7.699910
621.659700 34.602956 576.213383
0.25000 10.844614 151.841013 7.699910
622.773124 26.817882 523.395607
0.50000 10.844614 152.377226 7.699910
623.951977 19.871821 500.718936
0.75000 10.844614 152.936704 7.699910
625.191293 15.067251 511.470860
1.00000 10.844614 153.502348 7.699910
626.487380 12.403658 536.360385

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.583613 -48.751546 -2.145661
-282.733652 -4.462741 -1001.846
0.25000 -4.583613 -48.332743 -2.145661
-281.566421 -2.984534 -1086.282
0.50000 -4.583613 -47.929557 -2.145661
-280.491824 -2.711736 -1191.508
0.75000 -4.583613 -47.558518 -2.145661
-279.506161 -5.346387 -1317.376
1.00000 -4.583613 -47.233925 -2.145661
-278.608108 -10.556516 -1460.376
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1081

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.739745 351.342201 6.869386
993.161646 32.129086 1234.871
0.25000 12.739745 355.534184 6.869386
1001.241 26.638019 1104.828
0.50000 12.739745 360.066296 6.869386
1009.792 22.303131 1023.533
0.75000 12.739745 364.799177 6.869386
1018.776 21.915976 1013.480
1.00000 12.739745 369.583242 6.869386
1028.213 29.864832 1041.348

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.631609 -98.761236 -12.506411
-460.439082 -48.500711 -1832.359
0.25000 -11.631609 -95.221601 -12.506411
-451.987395 -35.843112 -2037.508
0.50000 -11.631609 -91.814262 -12.506411
-444.205183 -24.758712 -2284.100
0.75000 -11.631609 -88.678345 -12.506411
-437.083625 -18.929169 -2570.692
1.00000 -11.631609 -85.935277 -12.506411
-430.578057 -20.720980 -2898.100

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.247795 557.432135 8.140244
848.275532 41.600136 1921.086
0.25000 15.247795 585.785885 8.140244
842.849135 35.076977 1784.139
0.50000 15.247795 616.492315 8.140244
837.825783 29.868851 1670.488
0.75000 15.247795 648.545494 8.140244
833.213296 27.731289 1600.882
1.00000 15.247795 680.962049 8.140244
829.014639 31.681517 1553.134

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.724973 -219.848004 -8.970686
-367.048911 -54.478287 -2531.994
0.25000 -13.724973 -195.968008 -8.970686
-371.361301 -46.653093 -2865.432
0.50000 -13.724973 -172.967755 -8.970686
-375.995128 -40.087399 -3256.880
0.75000 -13.724973 -151.814779 -8.970686
-380.922454 -37.540449 -3706.389
1.00000 -13.724973 -133.319473 -8.970686
-386.139069 -40.733225 -4220.065

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.916723 598.967830 12.127179
832.440617 54.612534 2059.412
0.25000 15.916723 622.307243 12.127179
828.611246 42.968137 1883.027
0.50000 15.916723 647.582329 12.127179
825.064111 33.065209 1743.642
0.75000 15.916723 673.966087 12.127179
821.804577 28.624170 1673.112
1.00000 15.916723 700.645878 12.127179
818.838729 31.788109 1645.521

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.107349 -208.974828 -8.397984
-622.804951 -52.165128 -2742.627
0.25000 -13.107349 -189.309764 -8.397984
-625.754661 -44.948098 -3098.937
0.50000 -13.107349 -170.385257 -8.397984
-628.932271 -39.191362 -3519.589
0.75000 -13.107349 -152.979343 -8.397984
-632.321097 -38.854369 -4004.268
1.00000 -13.107349 -137.747688 -8.397984
-635.910456 -46.800930 -4558.649
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1082

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.741544 256.467298 0.238523
294.912646 4.288646 845.981478
0.25000 3.741544 272.300369 0.238523
315.583098 5.293129 787.184239
0.50000 3.741544 289.404371 0.238523
336.996060 6.388853 730.551197
0.75000 3.741544 307.287692 0.238523
359.717108 9.954197 682.785707
1.00000 3.741544 325.364444 0.238523
383.565695 19.081297 644.439219

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.791421 -102.971303 -10.956979
-198.756986 -62.009214 -973.683134
0.25000 -8.791421 -89.615415 -10.956979
-177.522326 -40.382554 -1129.716
0.50000 -8.791421 -76.760245 -10.956979
-157.975255 -29.318808 -1309.271
0.75000 -8.791421 -64.930784 -10.956979
-140.061140 -20.865910 -1512.031
1.00000 -8.791421 -54.585803 -10.956979
-123.764769 -16.552208 -1744.345

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.759659 504.792228 6.303157
233.304902 29.954718 1668.674
0.25000 8.759659 536.507561 6.303157
233.304902 24.510308 1552.028
0.50000 8.759659 570.824601 6.303157
233.304902 20.097874 1438.514
0.75000 8.759659 606.659300 6.303157
233.304902 18.120941 1341.553
1.00000 8.759659 642.897541 6.303157
233.304902 23.181623 1261.148

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.321437 -202.573475 -7.211606
-208.250613 -57.371912 -1891.693
0.25000 -11.321437 -175.860494 -7.211606
-208.250613 -50.545362 -2197.034
0.50000 -11.321437 -150.153081 -7.211606
-208.250613 -44.203632 -2548.938
0.75000 -11.321437 -126.499644 -7.211606
-208.250613 -41.496705 -2946.816
1.00000 -11.321437 -105.811977 -7.211606
-208.250613 -44.087805 -3403.182

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.143716 588.847795 8.117330
675.953164 33.650959 1991.657
0.25000 12.143716 617.811763 8.117330
676.592774 27.169150 1836.572
0.50000 12.143716 649.156418 8.117330
677.232384 23.022003 1698.665
0.75000 12.143716 681.887415 8.117330
677.871994 23.250783 1612.268
1.00000 12.143716 714.986395 8.117330
678.511605 31.451520 1557.258

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.032606 -218.382835 -10.863458
-391.850209 -64.495428 -2618.075
0.25000 -13.032606 -193.982492 -10.863458
-391.850209 -54.108303 -2960.039
0.50000 -13.032606 -170.500552 -10.863458
-391.850209 -45.519236 -3358.903
0.75000 -13.032606 -148.894675 -10.863458
-391.850209 -41.539782 -3814.782
1.00000 -13.032606 -129.996478 -10.863458
-391.850209 -46.713498 -4336.374
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1083

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.680509 600.052110 8.295505
705.555205 37.043592 2061.710
0.25000 11.680509 624.548474 8.295505
705.555205 29.726891 1888.721
0.50000 11.680509 651.054352 8.295505
705.555205 24.364155 1741.735
0.75000 11.680509 678.732443 8.295505
705.555205 23.744453 1666.521
1.00000 11.680509 706.722222 8.295505
705.555205 30.613525 1632.863

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.066976 -210.706557 -10.671397
-681.629144 -61.261501 -2826.931
0.25000 -13.066976 -190.073921 -10.671397
-681.629144 -50.560184 -3174.859
0.50000 -13.066976 -170.217968 -10.671397
-681.629144 -41.334045 -3585.037
0.75000 -13.066976 -151.948469 -10.671397
-681.629144 -36.682507 -4057.955
1.00000 -13.066976 -135.969680 -10.671397
-681.629144 -41.380874 -4598.937

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.476560 154.549122 1.427930
240.145530 9.826295 586.728601
0.25000 3.476560 155.166235 1.427930
238.640894 8.707851 527.807970
0.50000 3.476560 155.836891 1.427930
237.255223 9.284163 494.141164
0.75000 3.476560 156.536852 1.427930
235.985022 11.386316 500.793929
1.00000 3.476560 157.244552 1.427930
234.828726 16.030908 522.502134

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.857868 -47.530978 -5.315098
-584.689307 -17.932252 -991.910728
0.25000 -5.857868 -47.010431 -5.315098
-586.088265 -12.098408 -1074.649
0.50000 -5.857868 -46.509844 -5.315098
-587.573096 -7.197656 -1178.897
0.75000 -5.857868 -46.047968 -5.315098
-589.135579 -3.985250 -1304.633
1.00000 -5.857868 -45.648641 -5.315098
-590.778724 -3.399806 -1448.693

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.802293 354.072978 9.938328
407.296846 40.155988 1246.886
0.25000 8.802293 359.662347 9.938328
395.884943 29.705223 1111.657
0.50000 8.802293 365.728386 9.938328
385.386664 21.601538 1017.667
0.75000 8.802293 372.059760 9.938328
375.756209 18.194507 997.719284
1.00000 8.802293 378.461891 9.938328
367.015484 22.124294 1014.730

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.338761 -99.754309 -5.562037
-899.434701 -25.830699 -1803.138
0.25000 -8.338761 -95.044308 -5.562037
-910.016890 -20.645874 -1999.072
0.50000 -8.338761 -90.512957 -5.562037
-921.244161 -17.563199 -2237.769
0.75000 -8.338761 -86.331224 -5.562037
-933.065259 -18.951893 -2521.796
1.00000 -8.338761 -82.713965 -5.562037
-945.495309 -27.215165 -2842.740
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1084

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.554851 549.992360 6.850110
339.596118 35.976078 1897.215
0.25000 10.554851 578.671587 6.850110
343.662141 29.793203 1751.728
0.50000 10.554851 609.698343 6.850110
347.890026 25.431007 1635.554
0.75000 10.554851 642.097863 6.850110
352.287358 24.211166 1560.457
1.00000 10.554851 674.861453 6.850110
356.867184 28.085684 1506.542

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.648615 -216.349045 -6.557207
-760.130446 -48.674777 -2453.148
0.25000 -12.648615 -192.192377 -6.557207
-756.682694 -42.497683 -2777.289
0.50000 -12.648615 -168.944378 -6.557207
-753.531214 -37.854728 -3158.997
0.75000 -12.648615 -147.553398 -6.557207
-750.654687 -36.287191 -3598.599
1.00000 -12.648615 -128.838337 -6.557207
-748.032419 -39.578319 -4102.532

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.015593 596.387426 6.787408
645.975298 32.288107 2051.482
0.25000 11.015593 619.962080 6.787408
648.655865 27.471494 1875.171
0.50000 11.015593 645.467325 6.787408
651.430974 24.927549 1730.859
0.75000 11.015593 672.760945 6.787408
654.306830 25.515515 1660.489
1.00000 11.015593 699.032634 6.787408
657.298624 36.436923 1630.802

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.447395 -208.413959 -13.685370
-780.909458 -71.974408 -2790.232
0.25000 -15.447395 -188.556979 -13.685370
-778.777692 -57.833797 -3136.316
0.50000 -15.447395 -169.446986 -13.685370
-776.831105 -45.727491 -3540.965
0.75000 -15.447395 -151.863541 -13.685370
-775.060924 -37.273766 -4016.326
1.00000 -15.447395 -136.480625 -13.685370
-773.447632 -40.042614 -4556.000

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.741953 492.672341 8.919179
808.613839 34.810093 1826.989
0.25000 10.741953 523.531658 8.919179
819.788800 25.767568 1510.120
0.50000 10.741953 559.408598 8.919179
830.798813 17.262969 1195.622
0.75000 10.741953 597.448733 8.919179
841.720479 13.286864 951.425357
1.00000 10.741953 636.517932 8.919179
856.529051 18.959223 763.210046

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.876270 -201.137858 -10.197925
-750.763630 -51.095753 -1886.563
0.25000 -10.876270 -164.595321 -10.197925
-765.049561 -39.041797 -1979.825
0.50000 -10.876270 -129.624412 -10.197925
-779.120371 -28.718891 -2076.168
0.75000 -10.876270 -98.720459 -10.197925
-793.079043 -23.107727 -2174.610
1.00000 -10.876270 -79.842513 -10.197925
-812.002998 -27.222283 -2274.744
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.916723	600.052110	12.127179
993.161646	54.610534	2061.710	
0.25000	15.916723	624.548474	12.127179
1001.241	42.968137	1888.721	
0.50000	15.916723	651.054352	12.127179
1009.792	33.065209	1743.642	
0.75000	15.916723	681.887415	12.127179
1018.776	28.624170	1673.112	
1.00000	15.916723	714.986395	12.127179
1028.213	36.436923	1645.521	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.447395	-219.848004	-13.685370
-899.434701	-71.974408	-2826.931	
0.25000	-15.447395	-195.958008	-13.685370
-910.016890	-57.833797	-3174.859	
0.50000	-15.447395	-172.967755	-13.685370
-921.244161	-45.727491	-3585.037	
0.75000	-15.447395	-152.973049	-13.685370
-933.065259	-41.539782	-4057.955	
1.00000	-15.447395	-137.747688	-13.685370
-945.495309	-46.800930	-4598.937	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.916723	600.052110	12.127179
993.161646	54.610534	2061.710	
0.25000	15.916723	624.548474	12.127179
1001.241	42.968137	1888.721	
0.50000	15.916723	651.054352	12.127179
1009.792	33.065209	1743.642	
0.75000	15.916723	681.887415	12.127179
1018.776	28.624170	1673.112	
1.00000	15.916723	714.986395	12.127179
1028.213	36.436923	1645.521	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.447395	-219.848004	-13.685370
-899.434701	-71.974408	-2826.931	
0.25000	-15.447395	-195.958008	-13.685370
-910.016890	-57.833797	-3174.859	
0.50000	-15.447395	-172.967755	-13.685370
-921.244161	-45.727491	-3585.037	
0.75000	-15.447395	-152.973049	-13.685370
-933.065259	-41.539782	-4057.955	
1.00000	-15.447395	-137.747688	-13.685370
-945.495309	-46.800930	-4598.937	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.916723	600.052110	12.127179
993.161646	54.610534	2061.710	
0.25000	15.916723	624.548474	12.127179
1001.241	42.968137	1888.721	
0.50000	15.916723	651.054352	12.127179
1009.792	33.065209	1743.642	
0.75000	15.916723	681.887415	12.127179
1018.776	28.624170	1673.112	
1.00000	15.916723	714.986395	12.127179
1028.213	36.436923	1645.521	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.447395	-219.848004	-13.685370
-899.434701	-71.974408	-2826.931	
0.25000	-15.447395	-195.958008	-13.685370
-910.016890	-57.833797	-3174.859	
0.50000	-15.447395	-172.967755	-13.685370
-921.244161	-45.727491	-3585.037	
0.75000	-15.447395	-152.973049	-13.685370
-933.065259	-41.539782	-4057.955	
1.00000	-15.447395	-137.747688	-13.685370
-945.495309	-46.800930	-4598.937	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 77 ========== LENGTH = 3.470356

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.975043	106.491051	16.630636
425.592206	7.226957	247.733147	
0.25000	4.975043	106.941013	16.630636
426.634166	6.786511	252.720562	
0.50000	4.975043	107.408892	16.630636
427.639755	9.080963	272.642621	
0.75000	4.975043	107.890131	16.630636
428.611627	11.396389	296.436872	
1.00000	4.975043	108.366018	16.630636
429.556350	13.741579	320.231122	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.115316	-42.128518	-3.655256
-338.305129	-5.182835	-754.365242	
0.25000	-4.115316	-41.886241	-3.655256
-337.344635	-17.372393	-751.733670	
0.50000	-4.115316	-41.643470	-3.655256
-336.409203	-30.165988	-749.768125	
0.75000	-4.115316	-41.571452	-3.655256
-335.495276	-43.421212	-748.462158	
1.00000	-4.115316	-41.571452	-3.655256
-334.725376	-57.521794	-765.131703	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.029064	315.092148	15.185288
742.846641	20.272860	470.378928	
0.25000	7.029064	319.618584	15.185288
752.231131	52.114885	460.164154	
0.50000	7.029064	324.324167	15.185288
761.288232	86.990712	489.672386	
0.75000	7.029064	329.163223	15.185288
770.043379	121.940374	532.353521	
1.00000	7.029064	333.947777	15.185288
778.556945	157.066769	575.034657	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.605978	-59.553676	-41.695589
-536.762104	-11.405153	-1461.159	
0.25000	-8.605978	-57.115992	-41.695589
-528.100063	-17.839072	-1498.662	
0.50000	-8.605978	-54.673736	-41.695589
-519.661350	-28.785629	-1537.534	
0.75000	-8.605978	-54.049502	-41.695589
-511.413700	-41.239633	-1577.642	
1.00000	-8.605978	-54.049502	-41.695589
-504.460819	-53.881850	-1648.289	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.598407	587.351854	13.994592
593.043432	18.479216	720.768514	
0.25000	10.598407	614.461961	13.994592
592.644830	34.661480	648.101789	
0.50000	10.598407	642.589243	13.994592
592.644830	53.517648	658.648712	
0.75000	10.598407	671.465711	13.994592
592.644830	72.415993	715.905017	
1.00000	10.598407	699.980145	13.994592
592.644830	96.460409	773.161322	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.309789	-97.093303	-29.771785
-413.260742	-21.972532	-2367.359	
0.25000	-11.309789	-82.466235	-29.771785
-413.260742	-23.893807	-2163.017	
0.50000	-11.309789	-69.492360	-29.771785
-413.260742	-28.633929	-2263.242	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-11.309789	-69.492360	-29.771785
-414.351207	-36.364852	-2366.290	
1.00000	-11.309789	-69.492360	-29.771785
-415.643743	-47.741852	-2511.260	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.940632	622.941923	32.381319
657.590796	18.382504	763.258854	
0.25000	10.940632	645.226477	32.381319
657.590796	31.592705	700.933195	
0.50000	10.940632	668.346141	32.381319
657.590796	49.075287	722.184869	
0.75000	10.940632	692.082229	32.381319
657.590796	67.009239	784.832502	
1.00000	10.940632	715.521198	32.381319
657.590796	90.323823	847.480135	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.660478	-97.874447	-27.768940
-602.784074	-26.853909	-2269.581	
0.25000	-10.660478	-85.852154	-27.768940
-602.784074	-46.081252	-2370.226	
0.50000	-10.660478	-75.125289	-27.768940
-602.784074	-68.276694	-2475.040	
0.75000	-10.660478	-75.125289	-27.768940
-602.784074	-93.220049	-2582.360	
1.00000	-10.660478	-75.125289	-27.768940
-602.784074	-120.717864	-2738.212	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.749607	305.652922	0.264125
273.460246	14.720784	299.762156	
0.25000	3.749607	320.179131	0.264125
290.668595	50.774621	255.460886	
0.50000	3.749607	335.267499	0.264125
307.876944	87.245821	252.334585	
0.75000	3.749607	350.773239	0.264125
323.363617	123.746364	274.312553	
1.00000	3.749607	366.096312	0.264125
339.037866	160.794521	296.230522	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.532251	-41.754392	-42.911279
-188.962692	-9.924273	-852.271569	
0.25000	-5.532251	-33.925772	-42.911279
-172.931423	-21.902721	-913.423225	
0.50000	-5.532251	-26.187256	-42.911279
-157.276523	-3.035182	-976.626436	
0.75000	-5.532251	-25.263096	-42.911279
-141.937259	-2.869756	-1041.317	
1.00000	-5.532251	-25.263096	-42.911279
-128.964497	-2.752843	-1121.000	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.276175	607.005853	16.742958
221.768842	14.339228	585.538284	
0.25000	8.276175	636.590443	16.742958
221.768842	33.965007	491.834549	
0.50000	8.276175	667.283352	16.742958
221.768842	53.767132	485.262568	
0.75000	8.276175	698.794827	16.742958
221.768842	74.411000	527.274553	
1.00000	8.276175	729.912019	16.742958
221.768842	101.980135	569.286538	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.108831	-78.647563	-31.874048
-193.379353	-25.420124	-1646.376	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-9.108831	-62.687481	-31.874048
-193.379353	-32.299484	-1767.989	
0.50000	-9.108831	-48.424315	-31.874048
-193.379353	-40.685613	-1894.578	
0.75000	-9.108831	-48.424315	-31.874048
-193.379353	-51.549242	-2024.032	
1.00000	-9.108831	-48.424315	-31.874048
-193.379353	-65.592516	-2184.904	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.712604	648.096807	21.087645
527.679506	17.348429	723.378399	
0.25000	9.712604	675.010676	21.087645
527.679506	46.662580	644.346480	
0.50000	9.712604	702.931780	21.087645
527.679506	76.857448	654.226663	
0.75000	9.712604	731.598160	21.087645
527.679506	109.104622	711.001530	
1.00000	9.712604	759.906336	21.087645
527.679506	147.067663	767.796597	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.887886	-93.009310	-43.827198
-415.794025	-26.913416	-2114.135	
0.25000	-9.887886	-78.491140	-43.827198
-415.794025	-37.130226	-2232.437	
0.50000	-9.887886	-65.451897	-43.827198
-415.794025	-48.785865	-2355.215	
0.75000	-9.887886	-65.451897	-43.827198
-415.794025	-63.750212	-2480.541	
1.00000	-9.887886	-65.451897	-43.827198
-415.794025	-81.615466	-2648.262	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.234974	624.488205	23.431954
621.833708	17.150514	760.420257	
0.25000	9.234974	647.179574	23.431954
621.833708	42.940075	698.530809	
0.50000	9.234974	670.721023	23.431954
621.833708	71.976513	718.364678	
0.75000	9.234974	694.890312	23.431954
621.833708	101.955314	780.635939	
1.00000	9.234974	718.757187	23.431954
621.833708	137.201422	842.887200	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.520552	-94.935488	-40.685283
-602.896390	-25.350010	-2274.882	
0.25000	-9.520552	-82.694046	-40.685283
-602.896390	-38.644648	-2377.800	
0.50000	-9.520552	-71.754264	-40.685283
-602.896390	-53.124551	-2484.401	
0.75000	-9.520552	-71.754264	-40.685283
-602.896390	-70.659442	-2593.109	
1.00000	-9.520552	-71.754264	-40.685283
-602.896390	-90.568208	-2751.583	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.158671	109.668828	3.550039
304.280121	8.141138	243.347793	
0.25000	3.158671	110.242310	3.550039
303.091556	12.175569	246.805711	
0.50000	3.158671	110.838682	3.550039
301.940674	18.895876	264.203752	
0.75000	3.158671	111.449904	3.550039
300.823373	26.137894	286.990661	
1.00000	3.158671	112.052679	3.550039
299.890209	33.474100	309.777570	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.150297	-40.443167	-8.614419
-412.850801	-2.009665	-754.447193	
0.25000	-3.150297	-40.131840	-8.614419
-414.169573	-2.708768	-748.286011	
0.50000	-3.150297	-39.971007	-8.614419
-415.441814	-5.399037	-742.690689	
0.75000	-3.150297	-39.971007	-8.614419
-416.667203	-8.375146	-737.566425	
1.00000	-3.150297	-39.970953	-8.614419
-417.851142	-11.413905	-755.635327	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.409780	333.402720	33.808447
499.591519	10.314882	466.295801	
0.25000	6.409780	339.511546	33.808447
488.567170	15.487743	446.032931	
0.50000	6.409780	345.862229	33.808447
477.599019	23.697952	470.789429	
0.75000	6.409780	352.372526	33.808447
467.543197	32.824229	511.386451	
1.00000	6.409780	358.793970	33.808447
458.901703	42.421951	551.983473	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.486555	-56.950870	-11.567857
-694.531735	-16.737252	-1440.147	
0.25000	-5.486555	-53.637298	-11.567857
-706.784389	-42.600258	-1476.618	
0.50000	-5.486555	-51.761949	-11.567857
-718.604149	-69.579942	-1515.485	
0.75000	-5.486555	-51.761949	-11.567857
-729.985749	-97.869057	-1555.680	
1.00000	-5.486555	-51.761949	-11.567857
-740.977409	-127.136618	-1633.818	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.698001	593.387342	16.355364
394.949160	13.320435	710.094590	
0.25000	9.698001	620.704713	16.355364
394.949160	18.981793	633.161332	
0.50000	9.698001	649.042402	16.355364
394.949160	27.366495	639.952118	
0.75000	9.698001	678.137583	16.355364
394.949160	38.129391	695.232522	
1.00000	9.698001	706.869532	16.355364
394.949160	54.264282	750.512926	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.066539	-95.234445	-18.714913
-537.853261	-23.142531	-2031.688	
0.25000	-9.066539	-80.499794	-18.714913
-537.853261	-29.773677	-2132.069	
0.50000	-9.066539	-67.221235	-18.714913
-537.853261	-37.283310	-2229.547	
0.75000	-9.066539	-67.221235	-18.714913
-537.853261	-47.280388	-2329.612	
1.00000	-9.066539	-67.221235	-18.714913
-537.853261	-60.963195	-2477.532	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.408629	618.006072	15.844287
607.646072	19.551429	758.248549	
0.25000	9.408629	640.389225	15.844287
607.646072	52.480285	695.575654	
0.50000	9.408629	663.610755	15.844287
607.646072	87.950186	715.177055	
0.75000	9.408629	687.451689	15.844287
607.646072	124.326648	777.098304	
1.00000	9.408629	710.994389	15.844287
607.646072	165.885051	839.019553	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.781720	-97.133814	-47.997599
-622.855866	-23.432716	-2260.458	
0.25000	-10.781720	-85.058829	-47.997599
-622.855866	-29.829196	-2357.499	
0.50000	-10.781720	-74.258006	-47.997599
-622.855866	-37.339309	-2458.870	
0.75000	-10.781720	-74.258006	-47.997599
-622.855866	-46.944125	-2562.598	
1.00000	-10.781720	-74.258006	-47.997599
-622.855866	-60.074509	-2717.371	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.823545	135.271618	38.841297
560.742599	11.580119	536.436900	
0.25000	10.823545	135.681273	38.841297
561.643590	11.750537	560.835442	
0.50000	10.823545	136.105372	38.841297
562.562960	16.943904	591.975081	
0.75000	10.823545	136.534599	38.841297
563.501479	22.174857	626.196049	
1.00000	10.823545	136.960043	38.841297
564.459645	27.420336	662.868837	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.729620	-69.671163	-6.411491
-475.124288	-9.392513	-1461.229	
0.25000	-4.729620	-69.418006	-6.411491
-474.210370	-37.979479	-1539.301	
0.50000	-4.729620	-69.179254	-6.411491
-473.368539	-71.632144	-1621.623	
0.75000	-4.729620	-68.963328	-6.411491
-472.594238	-105.313005	-1706.850	
1.00000	-4.729620	-68.849690	-6.411491
-471.881814	-139.002593	-1795.136	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.800870	410.289355	33.534172
945.606226	27.978566	1041.342	
0.25000	12.800870	413.766697	33.534172
952.136076	66.285689	1029.316	
0.50000	12.800870	417.364281	33.534172
958.791138	113.159086	1064.262	
0.75000	12.800870	421.007267	33.534172
965.591526	160.617700	1115.795	
1.00000	12.800870	424.620662	33.534172
972.543997	208.262852	1178.048	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.748342	-104.597657	-55.627619
-727.646497	-18.969028	-2899.479	
0.25000	-11.748342	-102.455181	-55.627619
-721.028483	-37.401267	-3146.529	
0.50000	-11.748342	-100.436003	-55.627619
-714.909121	-64.707601	-3413.051	
0.75000	-11.748342	-98.610036	-55.627619
-709.300123	-93.066492	-3698.313	
1.00000	-11.748342	-97.842873	-55.627619
-704.150654	-121.685695	-3991.200	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.569694	734.474324	32.198104
800.754812	30.497546	1553.191	
0.25000	15.569694	758.599689	32.198104
796.524621	52.276723	1510.050	
0.50000	15.569694	783.557886	32.198104
792.685695	81.338965	1500.467	
0.75000	15.569694	808.816235	32.198104
789.258503	112.861076	1520.138	
1.00000	15.569694	833.768414	32.198104
786.263510	148.498697	1599.538	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.117359	-163.735286	-44.318932
-601.882741	-39.304751	-4221.183	
0.25000	-14.117359	-149.148358	-44.318932
-605.727215	-49.209509	-4663.218	
0.50000	-14.117359	-135.454469	-44.318932
-609.613932	-67.567105	-5141.185	
0.75000	-14.117359	-123.372593	-44.318932
-613.492139	-90.556267	-5658.214	
1.00000	-14.117359	-123.024156	-44.318932
-617.309574	-116.951179	-6204.051	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.157462	786.660261	49.231736
876.462171	31.595296	1645.575	
0.25000	16.157462	806.513332	49.231736
873.481239	49.537362	1598.696	
0.50000	16.157462	827.050765	49.231736
870.790220	75.258768	1606.533	
0.75000	16.157462	847.835196	49.231736
868.378680	104.131343	1644.258	
1.00000	16.157462	868.370090	49.231736
866.299478	136.921026	1731.195	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.435567	-161.872805	-40.723370
-807.872343	-46.318837	-4559.092	
0.25000	-13.435567	-149.866780	-40.723370
-810.547789	-71.654681	-5038.984	
0.50000	-13.435567	-138.595341	-40.723370
-813.249107	-104.584427	-5561.988	
0.75000	-13.435567	-128.601683	-40.723370
-815.933465	-142.582133	-6121.731	
1.00000	-13.435567	-128.311586	-40.723370
-818.557807	-183.611994	-6709.960	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.921113	374.421930	0.267867
317.257886	18.239426	644.309717	
0.25000	3.921113	387.653231	0.267867
333.726232	58.414318	598.416303	
0.50000	3.921113	401.342720	0.267867
350.538248	104.663579	577.933650	
0.75000	3.921113	415.206862	0.267867
367.707640	152.252297	571.855029	
1.00000	3.921113	428.954637	0.267867
385.270410	200.205451	599.869829	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.882109	-64.652711	-55.615530
-238.529334	-16.931709	-1744.768	
0.25000	-8.882109	-56.547342	-55.615530
-221.888492	-7.217866	-1968.093	
0.50000	-8.882109	-48.915843	-55.615530
-206.538266	-4.961117	-2210.755	
0.75000	-8.882109	-42.022585	-55.615530
-192.387106	-4.401651	-2475.323	
1.00000	-8.882109	-39.996134	-55.615530
-179.317524	-4.244891	-2757.131	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.127750	749.756403	17.922982
278.812330	23.097753	1261.151	
0.25000	9.127750	776.688057	17.922982
278.812330	44.425134	1165.217	
0.50000	9.127750	804.545039	17.922982
278.812330	68.514137	1120.529	
0.75000	9.127750	832.737112	17.922982
278.812330	98.569593	1109.598	
1.00000	9.127750	860.589771	17.922982
278.812330	134.075147	1164.387	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.636647	-122.837716	-42.181590
-244.073034	-44.670216	-3403.229	
0.25000	-11.636647	-106.538887	-42.181590
-244.073034	-45.180786	-3849.290	
0.50000	-11.636647	-91.226912	-42.181590
-244.073034	-48.773183	-4336.270	
0.75000	-11.636647	-77.415194	-42.181590
-244.073034	-58.894863	-4867.134	
1.00000	-11.636647	-76.950661	-42.181590
-244.073034	-73.101534	-5433.866	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.443248	811.913647	25.684086
683.794759	30.232891	1557.316	
0.25000	12.443248	836.502902	25.684086
684.173284	62.759178	1491.187	
0.50000	12.443248	861.938190	25.684086
684.535932	98.715923	1476.216	
0.75000	12.443248	887.678136	25.684086
684.887849	140.447840	1493.542	
1.00000	12.443248	913.107017	25.684086
685.237535	186.638122	1570.887	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.312530	-147.860605	-54.287890
-557.790084	-46.061447	-4336.634	
0.25000	-13.312530	-132.974811	-54.287890
-557.720870	-54.210917	-4816.824	
0.50000	-13.312530	-118.989579	-54.287890
-557.635780	-65.650782	-5340.862	
0.75000	-13.312530	-106.374004	-54.287890
-557.539958	-83.348693	-5923.269	
1.00000	-13.312530	-105.863739	-54.287890
-557.441905	-104.630736	-6540.565	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.971367	785.424616	29.115059
815.912256	30.534708	1632.875	
0.25000	11.971367	806.226153	29.115059
815.912256	59.780678	1592.043	
0.50000	11.971367	827.742395	29.115059
815.912256	93.679698	1598.551	
0.75000	11.971367	849.514756	29.115059
815.912256	132.559693	1633.614	
1.00000	11.971367	871.030359	29.115059
815.912256	175.692865	1719.381	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.332998	-151.034097	-51.147165
-790.959615	-41.755981	-4598.591	
0.25000	-13.332998	-138.445168	-51.147165
-790.959615	-52.790771	-5073.145	
0.50000	-13.332998	-126.618468	-51.147165
-790.959615	-67.548815	-5591.694	
0.75000	-13.332998	-115.950540	-51.147165
-790.959615	-88.051125	-6160.310	
1.00000	-13.332998	-115.591743	-51.147165
-790.959615	-111.872536	-6758.800	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.607376	135.988545	5.234404
414.952785	16.204893	522.455975	
0.25000	3.607376	136.526597	5.234404
413.775356	26.294034	542.348266	
0.50000	3.607376	137.084961	5.234404
412.695427	39.191885	569.151119	
0.75000	3.607376	137.649672	5.234404
411.706090	52.792449	600.108013	
1.00000	3.607376	138.206996	5.234404
410.802739	66.631173	633.564485	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1093

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.979865	-66.478509	-16.730259
-531.871308	-3.675267	-1447.797	
0.25000	-5.979865	-66.159518	-16.730259
-533.017752	-3.984594	-1521.126	
0.50000	-5.979865	-65.860386	-16.730259
-534.186427	-7.067798	-1600.094	
0.75000	-5.979865	-65.701164	-16.730259
-535.374578	-10.736154	-1682.833	
1.00000	-5.979865	-65.699267	-16.730259
-536.584775	-14.612172	-1768.155	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.944822	425.216574	38.751832
647.440016	23.021787	1014.768	
0.25000	8.944822	430.066304	38.751832
638.508066	31.618411	991.331679	
0.50000	8.944822	435.096133	38.751832
630.317922	43.333563	983.739886	
0.75000	8.944822	440.183360	38.751832
622.815100	56.230314	1062.250	
1.00000	8.944822	445.209700	38.751832
615.979396	70.050264	1119.738	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.552310	-99.085018	-17.935229
-855.738560	-28.148382	-2841.425	
0.25000	-8.552310	-96.202649	-17.935229
-864.422303	-55.707023	-3085.875	
0.50000	-8.552310	-93.496966	-17.935229
-873.265847	-85.240782	-3354.636	
0.75000	-8.552310	-91.888592	-17.935229
-882.269421	-116.471031	-3644.462	
1.00000	-8.552310	-91.864198	-17.935229
-891.422837	-148.489126	-3947.250	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.973797	728.192685	22.241273
552.967212	28.412965	1506.514	
0.25000	10.973797	752.502732	22.241273
555.935768	38.379597	1456.705	
0.50000	10.973797	777.647316	22.241273
558.990203	54.642874	1441.954	
0.75000	10.973797	803.091035	22.241273
562.186146	76.284982	1455.403	
1.00000	10.973797	828.225812	22.241273
565.577518	101.493471	1529.405	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.061023	-158.480663	-31.546282
-717.145992	-40.634992	-4101.479	
0.25000	-13.061023	-143.750474	-31.546282
-714.424214	-43.186457	-4533.391	
0.50000	-13.061023	-129.906189	-31.546282
-711.871137	-51.156505	-5003.579	
0.75000	-13.061023	-117.420609	-31.546282
-709.428876	-65.392936	-5510.993	
1.00000	-13.061023	-116.613567	-31.546282
-707.054607	-83.125162	-6051.446	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.369625	777.021659	21.679304
814.960949	35.624425	1630.778	
0.25000	11.369625	797.011156	21.679304
816.862140	74.744305	1584.361	
0.50000	11.369625	817.687878	21.679304
818.823969	119.671844	1590.162	
0.75000	11.369625	838.610572	21.679304
820.891415	169.028734	1625.494	
1.00000	11.369625	859.279469	21.679304
823.109056	222.017014	1710.718	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1094

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.730212	-160.606293	-62.901819
-837.595701	-40.363686	-4555.445	
0.25000	-15.730212	-148.496604	-62.901819
-835.907832	-44.010915	-5018.679	
0.50000	-15.730212	-137.117877	-62.901819
-834.315533	-52.771368	-5535.743	
0.75000	-15.730212	-126.852175	-62.901819
-832.774008	-66.932144	-6077.595	
1.00000	-15.730212	-126.246149	-62.901819
-831.244696	-84.302803	-6651.290	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.940632	648.096807	33.808447
742.846641	20.272860	763.258854	
0.25000	10.940632	675.010676	33.808447
752.231131	52.480285	700.933195	
0.50000	10.940632	702.931780	33.808447
761.288232	87.950186	722.184869	
0.75000	10.940632	731.598160	33.808447
770.043379	124.326648	784.832502	
1.00000	10.940632	759.906336	33.808447
778.556945	165.885051	847.480135	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.309789	-97.874447	-47.997599
-694.341737	-26.013416	-2274.882	
0.25000	-11.309789	-85.852154	-47.997599
-706.784389	-46.081252	-2377.800	
0.50000	-11.309789	-75.125289	-47.997599
-718.604149	-69.579942	-2484.401	
0.75000	-11.309789	-75.125289	-47.997599
-729.985749	-97.869057	-2593.109	
1.00000	-11.309789	-75.125289	-47.997599
-740.977409	-127.136618	-2751.583	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.157462	811.913647	49.231736
945.606226	35.624425	1645.575	
0.25000	16.157462	836.502902	49.231736
952.136076	74.744305	1598.696	
0.50000	16.157462	861.938190	49.231736
958.791138	119.671844	1606.533	
0.75000	16.157462	887.678136	49.231736
965.591526	169.028734	1644.288	
1.00000	16.157462	913.107017	49.231736
972.543997	222.017014	1731.195	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.730212	-163.735286	-62.901819
-855.738560	-46.318837	-4598.591	
0.25000	-15.730212	-149.866780	-62.901819
-864.422303	-71.654681	-5073.145	
0.50000	-15.730212	-138.595341	-62.901819
-873.265847	-104.584427	-5591.694	
0.75000	-15.730212	-128.601683	-62.901819
-882.269421	-142.582133	-6160.310	
1.00000	-15.730212	-128.311586	-62.901819
-891.422837	-183.611994	-6758.800	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.157462	811.913647	49.231736
945.606226	35.624425	1645.575	
0.25000	16.157462	836.502902	49.231736
952.136076	74.744305	1598.696	
0.50000	16.157462	861.938190	49.231736
958.791138	119.671844	1606.533	
0.75000	16.157462	887.678136	49.231736
965.591526	169.028734	1644.288	
1.00000	16.157462	913.107017	49.231736
972.543997	222.017014	1731.195	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1095

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.730212	-163.735286	-62.901819
-855.738560	-46.318837	-4598.591	
0.25000	-15.730212	-149.866780	-62.901819
-864.422303	-71.654681	-5073.145	
0.50000	-15.730212	-138.595341	-62.901819
-873.265847	-104.584427	-5591.694	
0.75000	-15.730212	-128.601683	-62.901819
-882.269421	-142.582133	-6160.310	
1.00000	-15.730212	-128.311586	-62.901819
-891.422837	-183.611994	-6758.800	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.157462	811.913647	49.231736
945.606226	35.624425	1645.575	
0.25000	16.157462	836.502902	49.231736
952.136076	74.744305	1598.696	
0.50000	16.157462	861.938190	49.231736
958.791138	119.671844	1606.533	
0.75000	16.157462	887.678136	49.231736
965.591526	169.028734	1644.258	
1.00000	16.157462	913.107017	49.231736
972.543997	222.017014	1731.195	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.730212	-163.735286	-62.901819
-855.738560	-46.318837	-4598.591	
0.25000	-15.730212	-149.866780	-62.901819
-864.422303	-71.654681	-5073.145	
0.50000	-15.730212	-138.595341	-62.901819
-873.265847	-104.584427	-5591.694	
0.75000	-15.730212	-128.601683	-62.901819
-882.269421	-142.582133	-6160.310	
1.00000	-15.730212	-128.311586	-62.901819
-891.422837	-183.611994	-6758.800	

ELEM 78 ========== LENGTH = 3.471017

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.816363	41.751479	2.808204
332.642634	14.161372	320.207564	
0.25000	4.816363	41.751554	2.808204
333.410823	12.020197	312.821002	
0.50000	4.816363	41.891238	2.808204
334.323164	9.903875	305.434440	
0.75000	4.816363	42.135174	2.808204
335.256993	7.818659	298.047878	
1.00000	4.816363	42.376570	2.808204
336.215698	6.280538	291.869479	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.438877	-107.636622	-15.817873
-425.893747	-57.261100	-765.127827	
0.25000	-4.438877	-107.158543	-15.817873
-424.949121	-43.903190	-765.466674	
0.50000	-4.438877	-106.675239	-15.817873
-423.976791	-30.545465	-766.315668	
0.75000	-4.438877	-106.205386	-15.817873
-422.969979	-17.277277	-768.197203	
1.00000	-4.438877	-105.753511	-15.817873
-421.926392	-6.782169	-770.539526	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.943446	51.767037	40.710730
501.529158	157.693298	574.985381	
0.25000	6.943446	51.767876	40.710730
508.463334	122.902962	561.887659	
0.50000	6.943446	53.077825	40.710730
516.694213	88.162570	548.789938	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1096

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	6.943446	55.531263	40.710730
525.116014	53.590486	535.692216	
1.00000	6.943446	57.979658	40.710730
533.758533	19.476117	534.775111	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.893583	-333.330086	-15.104914
-774.670345	-51.830725	-1650.060	
0.25000	-8.893583	-328.524438	-15.104914
-766.160228	-41.285322	-1608.279	
0.50000	-8.893583	-323.665411	-15.104914
-757.402955	-30.739753	-1567.700	
0.75000	-8.893583	-318.940783	-15.104914
-748.336178	-21.074229	-1528.165	
1.00000	-8.893583	-314.395943	-15.104914
-738.937489	-13.886867	-1490.007	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.830978	64.207518	28.123787
413.173258	98.583026	773.093571	
0.25000	10.830978	64.207518	28.123787
411.742660	75.979302	755.818423	
0.50000	10.830978	66.315586	28.123787
410.241292	55.334552	738.543275	
0.75000	10.830978	81.602557	28.123787
410.241292	36.931513	721.268127	
1.00000	10.830978	96.264076	28.123787
410.241292	18.772458	778.426842	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.026611	-699.067774	-13.591054
-589.522085	-45.932401	-2512.748	
0.25000	-12.026611	-670.468029	-13.591054
-589.522085	-37.546383	-2405.675	
0.50000	-12.026611	-641.514770	-13.591054
-589.522085	-31.806859	-2301.929	
0.75000	-12.026611	-613.317375	-13.591054
-589.522085	-28.844829	-2201.288	
1.00000	-12.026611	-586.142362	-13.591054
-590.172183	-27.043241	-2104.876	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.095342	68.043204	26.148359
599.145904	91.869626	847.485058	
0.25000	11.095342	68.043204	26.148359
599.145904	70.875645	828.758023	
0.50000	11.095342	70.342208	26.148359
599.145904	51.352347	810.110989	
0.75000	11.095342	82.401178	26.148359
599.145904	34.127962	791.463954	
1.00000	11.095342	94.452135	26.148359
599.145904	19.316308	833.974182	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.285612	-713.989185	-32.144459
-653.607257	-119.112224	-2738.433	
0.25000	-11.285612	-690.479585	-32.144459
-653.607257	-93.351140	-2627.038	
0.50000	-11.285612	-666.679879	-32.144459
-653.607257	-70.849337	-2518.613	
0.75000	-11.285612	-643.502072	-32.144459
-653.607257	-50.324009	-2412.967	
1.00000	-11.285612	-621.163537	-32.144459
-653.607257	-31.367295	-2311.146	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.974171	21.534829	42.820792
128.547817	161.007197	296.200425	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1097

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.974171	21.537487	42.820792
141.446826	124.391207	289.659612	
0.50000	3.974171	24.621347	42.820792
156.715311	87.776412	283.118800	
0.75000	3.974171	32.489504	42.820792
172.298408	51.288018	276.577987	
1.00000	3.974171	40.346008	42.820792
188.252734	15.531980	309.446000	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.718303	-366.255275	-0.301440
-339.556918	-2.996733	-1123.013	
0.25000	-5.718303	-350.873463	-0.301440
-323.923033	-3.162622	-1056.549	
0.50000	-5.718303	-335.312990	-0.301440
-307.863133	-3.438529	-991.432940	
0.75000	-5.718303	-320.173105	-0.301440
-291.249877	-5.004861	-928.053050	
1.00000	-5.718303	-305.597701	-0.301440
-274.027597	-10.527800	-866.604571	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.686076	41.137455	31.019921
192.370453	103.694875	569.232787	
0.25000	8.686076	41.137455	31.019921
192.370453	78.773528	556.906515	
0.50000	8.686076	44.210963	31.019921
192.370453	55.765956	544.580243	
0.75000	8.686076	60.220032	31.019921
192.370453	35.520870	532.253972	
1.00000	8.686076	76.218377	31.019921
192.370453	16.255123	601.108619	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.631286	-729.335325	-16.690271
-221.851302	-65.652742	-2185.762	
0.25000	-9.631286	-698.124183	-16.690271
-221.851302	-51.784134	-2052.243	
0.50000	-9.631286	-666.528074	-16.690271
-221.851302	-42.024624	-1922.071	
0.75000	-9.631286	-635.757793	-16.690271
-221.851302	-34.814719	-1795.367	
1.00000	-9.631286	-606.101313	-16.690271
-221.851302	-28.896368	-1673.242	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.092589	55.735586	42.829881
414.058867	148.388942	767.726864	
0.25000	10.092589	55.735586	42.829881
414.058867	113.238335	750.775781	
0.50000	10.092589	58.592820	42.829881
414.058867	79.713550	733.824699	
0.75000	10.092589	73.156079	42.829881
414.058867	47.953874	716.873616	
1.00000	10.092589	87.709335	42.829881
414.058867	18.155138	773.747882	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.567385	-759.002700	-20.679521
-525.419173	-81.012859	-2649.535	
0.25000	-10.567385	-730.608329	-20.679521
-525.419173	-64.418787	-2519.858	
0.50000	-10.567385	-701.864449	-20.679521
-525.419173	-51.259623	-2393.477	
0.75000	-10.567385	-673.872435	-20.679521
-525.419173	-40.781303	-2271.388	
1.00000	-10.567385	-646.892522	-20.679521
-525.419173	-31.539323	-2151.405	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1098

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.501343	60.981538	39.365868
599.319526	138.159942	842.808283	
0.25000	9.501343	60.981538	39.365868
599.319526	105.522601	824.436199	
0.50000	9.501343	63.338917	39.365868
599.319526	74.276942	806.064116	
0.75000	9.501343	75.617867	39.365868
599.319526	45.117019	787.692032	
1.00000	9.501343	87.888592	39.365868
599.319526	18.478576	831.586590	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.064389	-717.204002	-23.197636
-618.568189	-90.185984	-2751.961	
0.25000	-10.064389	-693.265028	-23.197636
-618.568189	-71.211212	-2638.907	
0.50000	-10.064389	-669.030864	-23.197636
-618.568189	-55.367507	-2528.613	
0.75000	-10.064389	-645.430071	-23.197636
-618.568189	-41.485801	-2421.045	
1.00000	-10.064389	-622.683561	-23.197636
-618.568189	-28.526373	-2316.862	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.089686	39.218931	7.656308
415.281437	33.474987	309.743313	
0.25000	3.089686	39.218931	7.656308
414.091436	26.993988	303.258677	
0.50000	3.089686	39.218988	7.656308
412.860653	20.605523	296.774040	
0.75000	3.089686	39.478734	7.656308
411.583643	14.372758	290.289404	
1.00000	3.089686	39.790160	7.656308
410.260525	8.531078	285.438992	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.214689	-110.764287	-2.740481
-297.814265	-9.721251	-754.853593	
0.25000	-3.214689	-110.160571	-2.740481
-298.753144	-7.385580	-758.084283	
0.50000	-3.214689	-109.548629	-2.740481
-299.875714	-5.073554	-762.130357	
0.75000	-3.214689	-108.951708	-2.740481
-301.032016	-2.826435	-766.414747	
1.00000	-3.214689	-108.378012	-2.740481
-302.226321	-2.083786	-771.318029	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.384729	48.432809	10.565755
737.721588	42.246906	551.928306	
0.25000	6.384729	48.432809	10.565755
726.669402	33.757489	540.346745	
0.50000	6.384729	48.433573	10.565755
715.234471	25.989648	528.765184	
0.75000	6.384729	51.354714	10.565755
703.368176	18.802199	517.183623	
1.00000	6.384729	54.670244	10.565755
691.073615	12.217565	522.925171	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.746154	-356.686191	-33.393062
-455.457349	-125.356897	-1631.713	
0.25000	-5.746154	-350.253488	-33.393062
-464.152843	-97.125833	-1588.751	
0.50000	-5.746154	-343.734233	-33.393062
-474.560559	-69.000730	-1546.946	
0.75000	-5.746154	-337.376326	-33.393062

```
-485.286121  -41.120937   -1506.756
 1.00000   -5.746154  -331.263603   -33.393062
-496.369193   -16.751569   -1468.456
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1099

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.972794    61.062849    16.967861
535.537799   55.628216   750.438278
 0.25000    9.972794    61.062849    16.967861
535.537799   43.188948   734.481221
 0.50000    9.972794    64.005217    16.967861
535.537799   32.282467   718.524163
 0.75000    9.972794    78.786047    16.967861
535.537799   22.784221   702.567105
 1.00000    9.972794    93.566526    16.967861
535.537799   16.033414   761.519871

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.619115  -704.992161   -16.401314
-392.943414   -60.382474   -2476.811
 0.25000   -9.619115  -676.172581   -16.401314
-392.943414   -46.515860   -2371.767
 0.50000   -9.619115  -646.998390   -16.401314
-392.943414   -36.356692   -2269.785
 0.75000   -9.619115  -618.567728   -16.401314
-392.943414   -29.859868   -2171.224
 1.00000   -9.619115  -591.203519   -16.401314
-392.943414   -25.436618   -2077.003

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.730376    66.481084    46.571444
619.222696  166.944643  838.937320
 0.25000    9.730376    66.481084    46.571444
619.222696  128.142682  820.786791
 0.50000    9.730376    68.815693    46.571444
619.222696   90.843070  802.636262
 0.75000    9.730376    80.927766    46.571444
619.222696   55.746125  784.485733
 1.00000    9.730376    93.031688    46.571444
619.222696   22.019192  827.751785

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.180786  -709.361017   -15.624826
-604.830472   -59.700161   -2717.813
 0.25000  -11.180786  -685.747158   -15.624826
-604.830472   -46.954314   -2609.574
 0.50000  -11.180786  -661.842116   -15.624826
-604.830472   -37.624142   -2503.906
 0.75000  -11.180786  -638.561968   -15.624826
-604.830472   -30.958417   -2401.316
 1.00000  -11.180786  -616.124327   -15.624826
-604.830472   -26.173072   -2302.476

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.094453    65.835589     5.121035
458.673431   25.442876   662.952632
 0.25000   13.094453    65.960837     5.121035
459.382454   21.115716   633.275154
 0.50000   13.094453    66.178413     5.121035
460.156222   16.806683   605.952131
 0.75000   13.094453    66.417791     5.121035
460.997115   12.531624   581.020907
 1.00000   13.094453    66.671044     5.121035
461.911089   12.673147   559.543999

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.110372  -141.293867   -38.106421
-567.097359  -136.896751   -1791.952
 0.25000   -5.110372  -140.866265   -38.106421
-566.140143  -103.837727   -1700.023
 0.50000   -5.110372  -140.436011   -38.106421
-565.202441   -70.786321   -1611.009
 0.75000   -5.110372  -140.010584   -38.106421
-564.286702   -44.198384   -1525.195
 1.00000   -5.110372  -139.599514   -38.106421
-563.383867    -9.995988   -1443.866
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1100

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.490398    91.273670    54.138468
685.154622  206.024593  1177.815
 0.25000   14.490398    92.224508    54.138468
690.296119  159.495565  1128.084
 0.50000   14.490398    94.064055    54.138468
695.898675  113.176951  1087.727
 0.75000   14.490398    96.088739    54.138468
701.987163   67.414062  1063.420
 1.00000   14.490398    98.231619    54.138468
708.603284   29.976657  1075.410

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.247596  -433.409901   -32.700657
-978.197023  -118.237746   -3991.757
 0.25000  -14.247596  -429.780724   -32.700657
-971.259488   -91.137405   -3691.033
 0.50000  -14.247596  -426.130124   -32.700657
-964.477786   -64.326720   -3398.127
 0.75000  -14.247596  -422.519903   -32.700657
-957.832316   -38.164780   -3124.526
 1.00000  -14.247596  -419.033699   -32.700657
-951.290579   -20.926028   -2870.449

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   17.505849   113.258128    42.590241
599.638088   147.423273   1598.337
 0.25000   17.505849   114.934768    42.590241
595.706814   114.093935   1537.090
 0.50000   17.505849   127.348490    42.590241
591.741734    83.093415   1526.518
 0.75000   17.505849   141.092064    42.590241
587.791561    54.675970   1548.059
 1.00000   17.505849   155.653732    42.590241
583.905072    33.380413   1594.858

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.662412  -845.808190   -31.268735
-792.439785  -113.967817   -6204.450
 0.25000  -16.662412  -820.666610   -31.268735
-795.552525   -90.541451   -5646.026
 0.50000  -16.662412  -795.347542   -31.268735
-799.085813   -68.521825   -5120.658
 0.75000  -16.662412  -770.386789   -31.268735
-803.020422   -51.403910   -4633.133
 1.00000  -16.662412  -746.236640   -31.268735
-807.332835   -42.240095   -4181.482

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.410293   117.257589    38.892488
803.380051   135.632343   1731.100
 0.25000   18.410293   118.686193    38.892488
800.662241   105.138497   1662.782
 0.50000   18.410293   128.904225    38.892488
797.907274    77.386399   1637.038
 0.75000   18.410293   140.917621    38.892488
795.155034    52.232443   1643.140
 1.00000   18.410293   152.201955    38.892488
792.445502    34.515903   1692.953

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.332730  -881.020553   -48.261662
-867.100525  -180.758647   -6709.151
 0.25000  -15.332730  -860.331798   -48.261662
-869.276335  -142.413854   -6109.620
 0.50000  -15.332730  -839.496980   -48.261662
-871.762974  -105.733237   -5538.774
 0.75000  -15.332730  -818.958136   -48.261662
-874.542038   -73.564659   -5005.749
 1.00000  -15.332730  -799.083111   -48.261662
-877.591439   -48.711549   -4515.734
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1101

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.782151    35.708441    55.594363
175.247189  200.327813  599.788859
 0.25000    3.782151    38.478783    55.594363
188.189636  152.486386  578.122124
 0.50000    3.782151    45.415991    55.594363
202.268499  104.995043  585.589456
 0.75000    3.782151    53.074966    55.594363
217.560007   58.750344  609.932438
 1.00000    3.782151    61.176219    55.594363
234.174320   19.429800  655.004679

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.542044  -434.156554   -0.314386
-388.727564   -4.078593   -2761.435
 0.25000  -11.542044  -420.355080   -0.314386
-371.224168   -4.302239   -2474.809
 0.50000  -11.542044  -406.471579   -0.314386
-354.098309   -4.905834   -2205.720
 0.75000  -11.542044  -392.741548   -0.314386
-337.299172   -7.087880   -1958.852
 1.00000  -11.542044  -379.480161   -0.314386
-320.825644   -17.571319   -1731.338

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.962578    68.582210    41.613855
239.910003  134.937204   1164.374
 0.25000    9.962578    70.810669    41.613855
239.910003  101.534851   1122.135
 0.50000    9.962578    84.690573    41.613855
239.910003   72.414514   1110.480
 0.75000    9.962578   100.053148    41.613855
239.910003   46.737094   1188.760
 1.00000    9.962578   116.326106    41.613855
239.910003   25.248851   1283.562

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.962455  -869.771999   -17.770467
-281.684565   -72.901356   -5436.272
 0.25000  -13.962455  -841.707590   -17.770467
-281.684565   -49.430033   -4861.321
 0.50000  -13.962455  -813.443926   -17.770467
-281.684565   -51.204796   -4322.488
 0.75000  -13.962455  -785.580487   -17.770467
-281.684565   -46.653532   -3828.425
 1.00000  -13.962455  -758.616025   -17.770467
-281.684565   -46.102522   -3374.967

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.505889    94.581884    53.137506
544.815555   185.973502   1570.731
 0.25000   13.505889    96.697203    53.137506
544.909207   142.243059   1510.221
 0.50000   13.505889   109.375010    53.137506
544.993447   102.117630   1501.362
 0.75000   13.505889   123.406464    53.137506
545.061056    65.623981   1528.064
 1.00000   13.505889   138.272511    53.137506
545.108020    33.047661   1596.413

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.811488  -925.119172   -25.046936
-690.543631  -102.686911   -6542.552
 0.25000  -15.811488  -899.493097   -25.046936
-690.189458   -82.835984   -5914.451
 0.50000  -15.811488  -873.687067   -25.046936
-689.825873   -67.323576   -5327.919
 0.75000  -15.811488  -848.246518   -25.046936
-689.445658   -55.993264   -4771.156
 1.00000  -15.811488  -823.625214   -25.046936
-689.044799   -48.592097   -4304.174
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1102

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.813854   103.093789    49.562433
779.713153  174.516650   1719.330
 0.25000   12.813854   104.815011    49.562433
779.713153  134.057942   1652.061
 0.50000   12.813854   115.535605    49.562433
779.713153   96.993888   1628.430
 0.75000   12.813854   127.401387    49.562433
779.713153   62.763820   1635.578
 1.00000   12.813854   139.970334    49.562433
779.713153   34.215663   1680.819

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -15.247037  -883.764371   -28.144170
-814.605813  -109.508262   -6760.477
 0.25000  -15.247037  -862.087916   -28.144170
-814.605813   -87.347384   -6150.280
 0.50000  -15.247037  -840.257559   -28.144170
-814.605813   -69.330581   -5575.520
 0.75000  -15.247037  -818.736329   -28.144170
-814.605813   -54.394860   -5046.460
 1.00000  -15.247037  -797.909453   -28.144170
-814.605813   -44.308644   -4561.463

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.175674    61.538456    15.687559
536.494636   65.278269   633.635784
 0.25000    3.175674    61.540657    15.687559
535.279792   52.442718   607.174061
 0.50000    3.175674    61.742160    15.687559
534.087052   39.804709   583.099580
 0.75000    3.175674    62.042705    15.687559
532.914409   27.546554   562.067790
 1.00000    3.175674    62.362718    15.687559
531.764827   16.882530   544.943306

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.252454  -141.873435    -4.314557
-401.768532   -12.366369   -1768.360
 0.25000   -6.252454  -141.313161    -4.314557
-402.674675    -9.336027   -1680.073
 0.50000   -6.252454  -140.747210    -4.314557
-403.668511    -6.500528   -1593.197
 0.75000   -6.252454  -140.189386    -4.314557
-404.752848    -3.951356   -1510.350
 1.00000   -6.252454  -139.652099    -4.314557
-405.933390    -3.376534   -1433.059

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.618893    84.419057    17.016863
890.276105   68.867082   1119.926
 0.25000    9.618893    84.445333    17.016863
881.092656   55.891084   1074.692
 0.50000    9.618893    86.425105    17.016863
872.062668   43.888426   1040.288
 0.75000    9.618893    89.143217    17.016863
863.190603   33.017500   1024.897
 1.00000    9.618893    92.034189    17.016863
854.485795   24.485691   1048.869

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.553011  -452.213005   -38.259603
-603.162344  -146.309622   -3946.411
 0.25000   -8.553011  -447.163991   -38.259603
-610.029368  -114.858423   -3637.606
 0.50000   -8.553011  -442.065087   -38.259603
-617.549700   -84.086006   -3340.796
 0.75000   -8.553011  -437.037761   -38.259603
-625.767183   -54.217956   -3066.440
 1.00000   -8.553011  -432.190518   -38.259603
-634.722683   -27.478733   -2815.250
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1103

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.471977   106.221491    30.349205
705.255566  100.982332   1529.551
 0.25000   11.471977   108.597120    30.349205
707.528348   77.806410   1472.130
 0.50000   11.471977   121.135169    30.349205
709.867910   57.317794   1467.101
 0.75000   11.471977   135.034189    30.349205
712.330854   41.650667   1493.304
 1.00000   11.471977   149.748276    30.349205
714.974029   31.171986   1547.047

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.424652  -838.981810   -21.929696
-558.030708   -80.962928   -6053.154
 0.25000  -14.424652  -813.649006   -21.929696
-554.742971   -64.122690   -5502.269
 0.50000  -14.424652  -788.136591   -21.929696
-551.622478   -50.497731   -4984.863
 0.75000  -14.424652  -762.987742   -21.929696
-548.619543   -42.320617   -4505.626
 1.00000  -14.424652  -738.643202   -21.929696
-545.683915   -41.258683   -4064.220

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.592792   114.484691    61.560226
823.131068  220.932748   1710.731
 0.25000   11.592792   116.383994    61.560226
824.566110  170.208658   1643.966
 0.50000   11.592792   126.690698    61.560226
826.024357  121.975523   1620.364
 0.75000   11.592792   138.116579    61.560226
827.542742   77.808995   1628.100
 1.00000   11.592792   150.212900    61.560226
829.164888   38.931468   1677.657

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -18.122621  -871.772295   -21.050864
-819.140851   -81.643371   -6655.003
 0.25000  -18.122621  -850.939469   -21.050864
-817.007196   -65.484580   -6073.399
 0.50000  -18.122621  -829.962497   -21.050864
-815.002151   -52.242974   -5519.965
 0.75000  -18.122621  -809.282740   -21.050864
-813.085007   -44.070131   -4992.694
 1.00000  -18.122621  -789.265414   -21.050864
-811.211982   -41.634524   -4518.623

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.095342    68.043204    46.571444
737.721588  166.944643   847.405058
 0.25000   11.095342    68.043204    46.571444
726.669402  128.142682   828.758023
 0.50000   11.095342    70.342208    46.571444
715.234471   90.843070   810.110989
 0.75000   11.095342    82.401178    46.571444
703.368176   55.746125   791.463954
 1.00000   11.095342    96.264076    46.571444
691.073615   22.019192   833.974182

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -12.026611  -759.002490   -33.393062
-774.670345  -125.356897   -2751.961
 0.25000  -12.026611  -730.608329   -33.393062
-766.160228   -97.125833   -2638.907
 0.50000  -12.026611  -701.864449   -33.393062
-757.402955   -70.849337   -2528.613
 0.75000  -12.026611  -673.872435   -33.393062
-748.336178   -50.324009   -2421.045
 1.00000  -12.026611  -646.892522   -33.393062
-738.937489   -31.539323   -2316.862
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1104

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.410293   117.257589    61.560226
890.276105  220.932748   1731.100
 0.25000   18.410293   118.686193    61.560226
881.092656  170.208658   1662.782
 0.50000   18.410293   128.904225    61.560226
872.062668  121.975523   1637.038
 0.75000   18.410293   141.092064    61.560226
863.190603   77.808995   1643.140
 1.00000   18.410293   155.653732    61.560226
854.485795   38.931468   1692.953

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -18.122621  -925.119172   -48.261662
-978.197023  -180.758647   -6760.477
 0.25000  -18.122621  -899.493097   -48.261662
-971.259488  -142.413854   -6150.280
 0.50000  -18.122621  -873.687067   -48.261662
-964.477786  -105.733237   -5575.520
 0.75000  -18.122621  -848.246518   -48.261662
-957.832316   -73.564659   -5046.460
 1.00000  -18.122621  -823.625214   -48.261662
-951.290579   -48.711549   -4561.463

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.410293   117.257589    61.560226
890.276105  220.932748   1731.100
 0.25000   18.410293   118.686193    61.560226
881.092656  170.208658   1662.782
 0.50000   18.410293   128.904225    61.560226
872.062668  121.975523   1637.038
 0.75000   18.410293   141.092064    61.560226
863.190603   77.808995   1643.140
 1.00000   18.410293   155.653732    61.560226
854.485795   38.931468   1692.953

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -18.122621  -925.119172   -48.261662
-978.197023  -180.758647   -6760.477
 0.25000  -18.122621  -899.493097   -48.261662
-971.259488  -142.413854   -6150.280
 0.50000  -18.122621  -873.687067   -48.261662
-964.477786  -105.733237   -5575.520
 0.75000  -18.122621  -848.246518   -48.261662
-957.832316   -73.564659   -5046.460
 1.00000  -18.122621  -823.625214   -48.261662
-951.290579   -48.711549   -4561.463

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.410293   117.257589    61.560226
890.276105  220.932748   1731.100
 0.25000   18.410293   118.686193    61.560226
881.092656  170.208658   1662.782
 0.50000   18.410293   128.904225    61.560226
872.062668  121.975523   1637.038
 0.75000   18.410293   141.092064    61.560226
863.190603   77.808995   1643.140
 1.00000   18.410293   155.653732    61.560226
854.485795   38.931468   1692.953

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -18.122621  -925.119172   -48.261662
-978.197023  -180.758647   -6760.477
 0.25000  -18.122621  -899.493097   -48.261662
-971.259488  -142.413854   -6150.280
 0.50000  -18.122621  -873.687067   -48.261662
-964.477786  -105.733237   -5575.520
 0.75000  -18.122621  -848.246518   -48.261662
-957.832316   -73.564659   -5046.460
 1.00000  -18.122621  -823.625214   -48.261662
-951.290579   -48.711549   -4561.463
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<          MOVING          LOAD          >
                          1105

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

ELEM      79 ================== LENGTH
=    4.957989

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.751064    23.196196     0.650496
174.441049    9.005309   291.952441
 0.25000    4.751064    23.599836     0.650496
175.464898   11.108175   285.589969
 0.50000    4.751064    24.146807     0.650496
176.609585   13.694885   279.183164
 0.75000    4.751064    24.746861     0.650496
177.890102   16.443628   280.286948
 1.00000    4.751064    25.379974     0.650496
179.512671   19.266871   386.146114

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.599714  -117.680189    -3.292428
-489.251243   -7.899495   -771.351086
 0.25000   -4.599714  -117.001853    -3.292428
-487.606591   -5.539861   -755.759870
 0.50000   -4.599714  -116.343504    -3.292428
-486.393688   -3.603252   -740.857971
 0.75000   -4.599714  -115.722938    -3.292428
-485.171031   -2.913647   -726.072932
 1.00000   -4.599714  -115.158253    -3.292428
-483.929044   -3.120489   -711.693756

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.082690    43.786203     9.084195
274.543627   23.295287   534.933966
 0.25000    7.082690    47.822550     9.084195
283.771142   16.055729   573.048711
 0.50000    7.082690    53.306069     9.084195
294.537720   17.636624   643.196808
 0.75000    7.082690    59.323847     9.084195
305.625481   20.208408   762.476847
 1.00000    7.082690    65.667182     9.084195
320.252418   22.911854   1004.000

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.995852  -300.596035    -2.726607
-853.298960  -15.590703   -1491.190
 0.25000   -8.995852  -293.796725    -2.726607
-838.471818   -15.130358   -1439.646
 0.50000   -8.995852  -287.195618    -2.726607
-827.536220   -17.504010   -1388.831
 0.75000   -8.995852  -280.972924    -2.726607
-816.511097   -24.685632   -1338.342
 1.00000   -8.995852  -275.310388    -2.726607
-805.313509   -34.643539   -1288.713

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.227605    69.597359     5.758764
221.522082   22.342526   778.501733
 0.25000   11.227605    92.354699     5.758764
220.274301   19.180196   985.697031
 0.50000   11.227605   124.308211     5.758764
220.274301   21.647354   1199.645
 0.75000   11.227605   159.355966     5.758764
220.274301   25.538964   1411.458
 1.00000   11.227605   195.977753     5.758764
220.274301   29.708466   1691.823
```

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.463229	-605.699767	-4.135685
-649.813307	-29.764223	-2105.804	
0.25000	-12.463229	-566.289795	-4.135685
-649.813307	-28.139683	-2012.599	
0.50000	-12.463229	-527.914953	-4.135685
-651.314406	-28.501079	-1921.437	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-12.463229	-491.716342	-4.135685
-653.419513	-31.921728	-1831.657	
1.00000	-12.463229	-458.768632	-4.135685
-655.579411	-37.090754	-1743.918	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.389574	72.614958	5.198863
459.718621	22.545823	833.995270	
0.25000	11.389574	91.334272	5.198863
459.718621	19.957815	1012.049	
0.50000	11.389574	117.612348	5.198863
459.718621	23.432502	1212.064	
0.75000	11.389574	146.431499	5.198863
459.718621	31.232255	1476.012	
1.00000	11.389574	176.545921	5.198863
459.718621	40.247876	1821.786	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.673152	-609.926656	-8.151836
-631.121393	-34.080328	-2311.445	
0.25000	-11.673152	-577.519256	-8.151836
-631.121393	-29.674764	-2211.019	
0.50000	-11.673152	-545.963384	-8.151836
-631.121393	-25.096632	-2112.419	
0.75000	-11.673152	-516.197652	-8.151836
-631.121393	-31.788540	-2015.043	
1.00000	-11.673152	-489.103500	-8.151836
-631.212747	-36.212839	-1919.396	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.217313	29.120807	9.399244
80.556200	16.468109	309.566647	
0.25000	4.217313	41.760704	9.399244
97.562157	14.750868	433.883414	
0.50000	4.217313	59.167356	9.399244
117.393127	5.543627	578.505121	
0.75000	4.217313	78.261705	9.399244
137.792667	5.262410	716.665201	
1.00000	4.217313	98.318420	9.399244
164.789324	4.984948	842.766276	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.852831	-301.563946	-0.139568
-355.939491	-11.618174	-866.849084	
0.25000	-5.852831	-280.031534	-0.139568
-328.536423	-14.178505	-817.126779	
0.50000	-5.852831	-259.101608	-0.139568
-308.324507	-19.240449	-768.563006	
0.75000	-5.852831	-239.366455	-0.139568
-287.945987	-27.809393	-720.764842	
1.00000	-5.852831	-221.405578	-0.139568
-267.249404	-37.246683	-673.892668	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.075866	56.376863	6.176029
166.230711	17.269717	601.094237	
0.25000	9.075866	81.232859	6.176029
166.230711	11.668417	856.022489	
0.50000	9.075866	116.123558	6.176029
166.230711	13.885911	1141.773	
0.75000	9.075866	154.386885	6.176029
166.230711	19.130348	1469.376	
1.00000	9.075866	194.370299	6.176029
166.230711	25.588834	1650.578	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.994191	-592.428451	-5.653276
-190.118087	-30.806981	-1673.128	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-9.994191	-549.400531	-5.653276
-190.118087	-28.984527	-1576.532	
0.50000	-9.994191	-507.503317	-5.653276
-190.118087	-30.565902	-1482.248	
0.75000	-9.994191	-467.983119	-5.653276
-190.118087	-35.310168	-1389.571	
1.00000	-9.994191	-432.009426	-5.653276
-190.118087	-41.643687	-1298.721	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.503234	69.231367	8.912569
278.381070	20.173092	773.790555	
0.25000	10.503234	91.866992	8.912569
278.381070	15.868256	994.854746	
0.50000	10.503234	123.610035	8.912569
278.381070	18.278854	1238.590	
0.75000	10.503234	158.422239	8.912569
278.381070	24.156978	1522.368	
1.00000	10.503234	194.820830	8.912569
278.381070	30.563636	1839.028	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.974752	-634.886870	-6.184545
-539.018072	-34.155106	-2151.896	
0.25000	-10.974752	-595.730635	-6.184545
-539.018072	-30.988887	-2046.066	
0.50000	-10.974752	-557.603697	-6.184545
-539.018072	-32.369282	-1942.402	
0.75000	-10.974752	-521.640495	-6.184545
-539.018072	-41.393137	-1840.256	
1.00000	-10.974752	-488.902960	-6.184545
-539.018075	-50.894739	-1739.756	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.927338	72.593872	8.120284
519.718727	20.434067	831.563568	
0.25000	9.927338	91.658411	8.120284
519.718727	16.894571	1008.518	
0.50000	9.927338	118.419564	8.120284
519.718727	18.720210	1200.716	
0.75000	9.927338	147.767521	8.120284
519.718727	23.129794	1483.716	
1.00000	9.927338	178.434784	8.120284
519.718727	30.065817	1831.077	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.474791	-613.318295	-6.523033
-542.133056	-30.693217	-2316.733	
0.25000	-10.474791	-580.315897	-6.523033
-542.133056	-29.011039	-2214.200	
0.50000	-10.474791	-548.180750	-6.523033
-542.133056	-31.106185	-2113.557	
0.75000	-10.474791	-517.868773	-6.523033
-542.133056	-39.452464	-2014.231	
1.00000	-10.474791	-490.276964	-6.523033
-542.133056	-48.157293	-1916.282	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.272920	22.829051	2.672020
471.449532	9.245290	285.340239	
0.25000	3.272920	23.280370	2.672020
469.406810	6.503787	280.350053	
0.50000	3.272920	23.940041	2.672020
467.899772	5.646245	275.050205	
0.75000	3.272920	24.663473	2.672020
466.381809	6.090298	299.957555	
1.00000	3.272920	25.414918	2.672020
464.800241	6.564395	412.544942	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.393457	-122.184862	-0.468244
-152.372414	-2.702364	-770.460334	
0.25000	-3.393457	-121.375603	-0.468244
-153.652781	-4.136744	-755.561437	
0.50000	-3.393457	-120.585029	-0.468244
-155.148962	-5.854616	-740.882151	
0.75000	-3.393457	-119.838792	-0.468244
-156.694220	-7.698935	-726.285889	
1.00000	-3.393457	-119.162222	-0.468244
-158.716037	-9.616131	-712.176033	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.610849	43.121837	2.737902
809.359064	13.313349	522.737267	
0.25000	6.610849	47.972288	2.737902
807.408420	10.480458	578.652872	
0.50000	6.610849	55.022418	2.737902
776.424284	14.558814	658.756797	
0.75000	6.610849	62.754165	2.737902
762.341222	22.659504	803.848650	
1.00000	6.610849	70.789879	2.737902
748.043293	31.341883	1046.371	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.056635	-314.033276	-7.330720
-247.752055	-18.168973	-1467.150	
0.25000	-6.056635	-305.378127	-7.330720
-259.642415	-15.015347	-1416.128	
0.50000	-6.056635	-296.926542	-7.330720
-273.532197	-14.285722	-1365.744	
0.75000	-6.056635	-288.949681	-7.330720
-287.881041	-15.062366	-1315.969	
1.00000	-6.056635	-281.713635	-7.330720
-306.643583	-16.530104	-1266.955	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.451249	68.496455	3.366755
590.044062	17.382229	761.412026	
0.25000	10.451249	91.482695	3.366755
590.044062	14.467101	975.873192	
0.50000	10.451249	123.706786	3.366755
590.044062	16.477104	1194.559	
0.75000	10.451249	159.054151	3.366755
590.044062	21.346032	1429.161	
1.00000	10.451249	196.000066	3.366755
590.044062	26.592860	1712.000	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.144485	-608.448258	-5.004170
-218.534236	-27.628059	-2075.890	
0.25000	-10.144485	-568.697170	-5.004170
-218.534236	-27.171795	-1983.911	
0.50000	-10.144485	-529.991248	-5.004170
-218.533912	-28.110163	-1893.889	
0.75000	-10.144485	-493.482352	-5.004170
-218.519258	-29.987930	-1805.428	
1.00000	-10.144485	-460.246935	-5.004170
-218.487658	-32.162694	-1718.872	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.187838	72.238096	10.123719
586.798480	23.737155	827.690762	
0.25000	10.187838	91.045653	10.123719
586.798480	15.959817	1005.767	
0.50000	10.187838	117.445201	10.123719
586.798480	17.382715	1204.245	
0.75000	10.187838	146.396046	10.123719
586.798480	21.334891	1475.790	
1.00000	10.187838	176.648496	10.123719
586.798480	26.006145	1821.641	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.563363	-609.795199	-4.685898
-478.897152	-28.786903	-2301.979	
0.25000	-11.563363	-577.239164	-4.685898
-478.897152	-28.436250	-2202.345	
0.50000	-11.563363	-545.538701	-4.685898
-478.897152	-33.654624	-2104.437	
0.75000	-11.563363	-515.636841	-4.685898
-478.897152	-43.851687	-2007.864	
1.00000	-11.563363	-488.418098	-4.685898
-478.897152	-54.468067	-1912.907	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.001904	42.541338	0.880012
266.493284	15.268288	559.798381	
0.25000	13.001904	42.865669	0.880012
267.391261	19.040017	539.165512	
0.50000	13.001904	43.237594	0.880012
268.375812	24.197893	532.855944	
0.75000	13.001904	43.641967	0.880012
269.450850	30.270353	551.561243	
1.00000	13.001904	44.061300	0.880012
270.619174	36.980839	608.921925	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.261413	-157.794673	-6.874754
-629.473458	-11.954880	-1443.185	
0.25000	-5.261413	-157.227779	-6.874754
-628.172235	-8.148470	-1295.110	
0.50000	-5.261413	-156.667077	-6.874754
-626.936856	-5.690559	-1164.593	
0.75000	-5.261413	-156.129820	-6.874754
-625.759931	-4.459019	-1052.689	
1.00000	-5.261413	-155.633791	-6.874754
-624.642712	-4.192414	-965.481610	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.583401	78.336670	10.938762
413.041018	33.293610	1075.856	
0.25000	14.583401	81.077546	10.938762
419.526524	27.682476	1056.017	
0.50000	14.583401	84.220750	10.938762
426.653177	28.903095	1074.358	
0.75000	14.583401	87.639068	10.938762
434.436601	32.833872	1154.087	
1.00000	14.583401	91.182352	10.938762
442.894653	37.601715	1292.385	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.266822	-377.946504	-5.544963
-1033.612	-22.679961	-2869.306	
0.25000	-14.266822	-373.154148	-5.544963
-1024.204	-22.791197	-2832.239	
0.50000	-14.266822	-368.414949	-5.544963
-1015.228	-27.623452	-2236.566	
0.75000	-14.266822	-363.872566	-5.544963
-1006.682	-37.078665	-1980.957	
1.00000	-14.266822	-359.676881	-5.544963
-998.583829	-48.187842	-1766.780	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.844278	123.957174	7.577021
369.668699	36.681336	1595.169	
0.25000	17.844278	142.427741	7.577021
364.440137	34.650708	1653.926	
0.50000	17.844278	163.641556	7.577021
359.513461	37.602596	1734.598	
0.75000	17.844278	186.703867	7.577021
354.900852	42.425018	1850.296	
1.00000	17.844278	210.623646	7.577021
350.615556	48.626166	1998.354	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.975600	-692.449505	-6.858017
-835.255514	-43.813562	-4180.577	
0.25000	-16.975600	-660.036714	-6.858017
-839.497809	-42.162654	-3653.681	
0.50000	-16.975600	-627.972525	-6.858017
-844.142003	-43.812394	-3191.606	
0.75000	-16.975600	-597.246864	-6.858017
-849.180890	-48.626919	-2787.708	
1.00000	-16.975600	-568.871758	-6.858017
-854.613579	-54.772135	-2441.808	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.633469	127.377590	6.873972
621.960149	38.005957	1693.082	
0.25000	18.633469	142.582628	6.873972
618.358887	36.211912	1732.541	
0.50000	18.633469	160.044913	6.873972
614.973323	41.078508	1811.234	
0.75000	18.633469	179.028731	6.873972
611.813268	49.881519	1955.190	
1.00000	18.633469	198.718345	6.873972
608.887755	60.353310	2143.455	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.637746	-712.911236	-10.888312
-820.558990	-50.581893	-4515.411	
0.25000	-15.637746	-686.231868	-10.888312
-823.560822	-44.249413	-3946.908	
0.50000	-15.637746	-659.838904	-10.888312
-826.844217	-43.490035	-3448.797	
0.75000	-15.637746	-634.547766	-10.888312
-830.405057	-46.995787	-3014.755	
1.00000	-15.637746	-611.190373	-10.888312
-834.238557	-52.087237	-2644.975	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.023767	51.591386	10.894756
119.577506	18.541984	655.215128	
0.25000	4.023767	61.930566	10.894756
135.864012	11.422346	697.964046	
0.50000	4.023767	73.788203	10.894756
153.762853	8.268376	750.106862	
0.75000	4.023767	86.684209	10.894756
173.313734	7.878669	811.204509	
1.00000	4.023767	100.055960	10.894756
194.565280	6.834480	874.373633	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.521362	-330.120720	-0.195041
-386.258582	-17.049347	-1730.958	
0.25000	-11.521362	-312.028344	-0.195041
-362.421755	-21.630696	-1493.135	
0.50000	-11.521362	-294.135020	-0.195041
-339.679416	-29.584100	-1295.229	
0.75000	-11.521362	-276.674876	-0.195041
-318.040345	-40.617551	-1100.591	
1.00000	-11.521362	-261.140626	-0.195041
-297.533115	-52.325951	-939.608940	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.336064	100.267876	6.974202
203.830237	26.073907	1283.564	
0.25000	10.336064	120.928181	6.974202
203.830237	21.773592	1371.800	
0.50000	10.336064	144.649636	6.974202
203.830237	23.677648	1477.506	
0.75000	10.336064	170.437587	6.974202
203.830237	28.250324	1599.333	
1.00000	10.336064	197.184122	6.974202
203.830237	33.800655	1724.112	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.209524	-651.590401	-5.996252
-235.749993	-45.840437	-3374.942	
0.25000	-14.209524	-615.352853	-5.996252
-235.749993	-43.609941	-2908.510	
0.50000	-14.209524	-579.504797	-5.996252
-235.749993	-45.939431	-2501.086	
0.75000	-14.209524	-545.163413	-5.996252
-235.749993	-51.802269	-2139.685	
1.00000	-14.209524	-513.423597	-5.996252
-235.749993	-58.317272	-1825.030	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.841052	121.165622	9.924875
379.207673	35.703903	1596.588	
0.25000	13.841052	140.038895	9.924875
379.207673	30.102870	1662.466	
0.50000	13.841052	161.706898	9.924875
379.207673	31.734997	1755.571	
0.75000	13.841052	185.262396	9.924875
379.207673	36.039270	1901.168	
1.00000	13.841052	209.693445	9.924875
379.207673	41.453400	2067.340	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.013441	-726.472313	-7.112759
-683.283455	-49.614555	-4304.079	
0.25000	-16.013441	-693.365043	-7.112759
-682.643784	-46.095864	-3768.771	
0.50000	-16.013441	-660.621610	-7.112759
-682.004113	-49.769093	-3299.784	
0.75000	-16.013441	-629.254480	-7.112759
-681.364442	-57.910261	-2887.830	
1.00000	-16.013441	-600.261780	-7.112759
-680.724771	-66.745378	-2532.725	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.151574	125.503596	9.378508
671.096376	37.431898	1680.822	
0.25000	13.151574	141.461252	9.378508
671.096376	32.343403	1726.270	
0.50000	13.151574	159.783286	9.378508
671.096376	33.731172	1804.155	
0.75000	13.151574	179.701445	9.378508
671.096376	37.823704	1960.160	
1.00000	13.151574	200.359998	9.378508
671.096376	43.651762	2145.187	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.459231	-719.064467	-7.177054
-704.820066	-45.820548	-4561.862	
0.25000	-15.459231	-691.075223	-7.177054
-704.820066	-42.809734	-4066.284	
0.50000	-15.459231	-663.386815	-7.177054
-704.820066	-46.462899	-3519.366	
0.75000	-15.459231	-636.862135	-7.177054
-704.820066	-54.305163	-3095.179	
1.00000	-15.459231	-612.346860	-7.177054
-704.820066	-62.766730	-2732.979	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.364475	40.948043	4.799447
590.976676	18.262650	544.688534	
0.25000	3.364475	41.348255	4.799447
589.333211	14.319122	527.204375	
0.50000	3.364475	41.810030	4.799447
587.765349	11.711431	524.921123	
0.75000	3.364475	42.312479	4.799447
586.281417	10.483134	554.852063	
1.00000	3.364475	42.833374	4.799447
584.880527	10.271443	618.108951	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.362086	-161.461329	-0.625475
-226.945474	-4.053500	-1433.815	
0.25000	-6.362086	-160.753525	-0.625475
-228.103433	-5.823328	-1284.734	
0.50000	-6.362086	-160.053144	-0.625475
-229.345310	-7.434061	-1154.170	
0.75000	-6.362086	-159.383112	-0.625475
-230.761922	-11.906283	-1045.093	
1.00000	-6.362086	-158.766085	-0.625475
-232.268248	-16.374957	-957.294484	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.756018	75.582851	4.696469
944.910199	26.569390	1048.436	
0.25000	9.756018	79.208845	4.696469
932.475831	23.372349	1039.008	
0.50000	9.756018	83.338935	4.696469
920.626106	26.052013	1066.695	
0.75000	9.756018	87.936225	4.696469
909.404436	32.403988	1159.092	
1.00000	9.756018	92.652395	4.696469
898.810575	41.288360	1301.917	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.794608	-386.030023	-9.058595
-356.438739	-28.698930	-2816.383	
0.25000	-8.794608	-379.625473	-9.058595
-365.218411	-22.476803	-2486.457	
0.50000	-8.794608	-373.290029	-9.058595
-374.852750	-20.351092	-2193.864	
0.75000	-8.794608	-367.230176	-9.058595
-385.368558	-21.380130	-1949.127	
1.00000	-8.794608	-361.640015	-9.058595
-396.785411	-24.329997	-1741.246	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.924051	119.890217	5.631479
746.039228	33.464850	1546.753	
0.25000	11.924051	138.580841	5.631479
748.620519	30.298294	1611.266	
0.50000	11.924051	160.033320	5.631479
751.472657	30.882077	1696.974	
0.75000	11.924051	183.354115	5.631479
754.612695	34.050101	1821.449	
1.00000	11.924051	207.541559	5.631479
758.060839	39.034494	1971.284	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.814079	-685.732990	-5.888311
-350.385758	-41.957594	-4065.130	
0.25000	-14.814079	-652.960303	-5.888311
-345.813044	-40.329513	-3548.577	
0.50000	-14.814079	-620.554220	-5.888311
-341.404441	-41.201830	-3096.894	
0.75000	-14.814079	-589.497457	-5.888311
-337.152609	-44.068392	-2703.115	
1.00000	-14.814079	-560.795134	-5.888311
-333.053889	-48.326432	-2366.784	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.005561	126.139329	12.525637
765.644115	41.813688	1677.554	
0.25000	12.005561	141.502112	12.525637
767.225836	33.008954	1719.022	
0.50000	12.005561	159.136111	12.525637
768.976576	32.233707	1796.730	
0.75000	12.005561	178.305949	12.525637
770.910504	34.461875	1946.161	
1.00000	12.005561	198.188210	12.525637
773.042123	38.460874	2134.420	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1113

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.327281	-711.353500	-5.565364
-654.008637	-42.632744	-4519.158	
0.25000	-18.327281	-684.413256	-5.565364
-651.024233	-42.462034	-3964.582	
0.50000	-18.327281	-657.774415	-5.565364
-648.137440	-49.621885	-3478.854	
0.75000	-18.327281	-632.244699	-5.565364
-645.343353	-60.782801	-3056.198	
1.00000	-18.327281	-608.651564	-5.565364
-642.637712	-73.198868	-2696.057	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.389574	72.614958	10.123719
809.359064	23.937155	833.995270	
0.25000	11.389574	92.354699	10.123719
790.406820	19.957815	1012.049	
0.50000	11.389574	124.308211	10.123719
776.424284	23.432502	1238.590	
0.75000	11.389574	159.355966	10.123719
762.341222	31.232255	1522.368	
1.00000	11.389574	196.000256	10.123719
748.043293	40.247876	1839.028	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.463229	-634.886870	-8.151836
-853.298960	-34.155106	-2316.733	
0.25000	-12.463229	-595.730635	-8.151836
-838.471818	-30.988887	-2214.200	
0.50000	-12.463229	-557.603697	-8.151836
-827.536220	-33.654624	-2113.557	
0.75000	-12.463229	-521.640428	-8.151836
-816.511097	-43.851687	-2015.043	
1.00000	-12.463229	-490.276964	-8.151836
-805.313509	-54.468067	-1919.396	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.633469	127.377590	12.525637
944.910199	41.813688	1693.082	
0.25000	18.633469	142.582628	12.525637
932.475831	36.211812	1732.541	
0.50000	18.633469	163.641556	12.525637
920.626106	41.078508	1811.234	
0.75000	18.633469	186.703867	12.525637
909.404436	49.881519	1960.160	
1.00000	18.633469	210.623646	12.525637
898.810575	60.353310	2145.187	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.327281	-726.472313	-10.888312
-1033.612	-50.581893	-4561.862	
0.25000	-18.327281	-693.365043	-10.888312
-1024.204	-46.095864	-4826.284	
0.50000	-18.327281	-663.386815	-10.888312
-1015.228	-49.769093	-3519.366	
0.75000	-18.327281	-636.862135	-10.888312
-1006.682	-60.782801	-3095.179	
1.00000	-18.327281	-612.346860	-10.888312
-998.583829	-73.198868	-2732.979	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.633469	127.377590	12.525637
944.910199	41.813688	1693.082	
0.25000	18.633469	142.582628	12.525637
932.475831	36.211812	1732.541	
0.50000	18.633469	163.641556	12.525637
920.626106	41.078508	1811.234	
0.75000	18.633469	186.703867	12.525637
909.404436	49.881519	1960.160	
1.00000	18.633469	210.623646	12.525637
898.810575	60.353310	2145.187	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1114

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.327281	-726.472313	-10.888312
-1033.612	-50.581893	-4561.862	
0.25000	-18.327281	-693.365043	-10.888312
-1024.204	-46.095864	-4006.284	
0.50000	-18.327281	-663.386815	-10.888312
-1015.228	-49.769093	-3519.366	
0.75000	-18.327281	-636.862135	-10.888312
-1006.682	-60.782801	-3095.179	
1.00000	-18.327281	-612.346860	-10.888312
-998.583829	-73.198868	-2732.979	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.633469	127.377590	12.525637
944.910199	41.813688	1693.082	
0.25000	18.633469	142.582628	12.525637
932.475831	36.211812	1732.541	
0.50000	18.633469	163.641556	12.525637
920.626106	41.078508	1811.234	
0.75000	18.633469	186.703867	12.525637
909.404436	49.881519	1960.160	
1.00000	18.633469	210.623646	12.525637
898.810575	60.353310	2145.187	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.327281	-726.472313	-10.888312
-1033.612	-50.581893	-4561.862	
0.25000	-18.327281	-693.365043	-10.888312
-1024.204	-46.095864	-4006.284	
0.50000	-18.327281	-663.386815	-10.888312
-1015.228	-49.769093	-3519.366	
0.75000	-18.327281	-636.862135	-10.888312
-1006.682	-60.782801	-3095.179	
1.00000	-18.327281	-612.346860	-10.888312
-998.583829	-73.198868	-2732.979	

ELEM 80 ========== LENGTH = 4.957552

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.841551	23.851378	3.129644
62.354756	22.348724	387.656963	
0.25000	4.841551	24.349528	3.129644
63.547529	19.494639	466.630867	
0.50000	4.841551	24.914326	3.129644
64.749931	16.982790	557.085802	
0.75000	4.841551	25.529324	3.129644
65.969909	14.698493	656.706752	
1.00000	4.841551	26.177022	3.129644
67.628020	12.657381	762.623980	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.761096	-108.691976	-0.692143
-478.616526	-5.741743	-712.160074	
0.25000	-4.761096	-108.036508	-0.692143
-476.954742	-4.891624	-686.665156	
0.50000	-4.761096	-107.402551	-0.692143
-475.727190	-4.041507	-661.171185	
0.75000	-4.761096	-106.808540	-0.692143
-474.502817	-3.195223	-635.743948	
1.00000	-4.761096	-106.272099	-0.692143
-473.273957	-2.358052	-610.434627	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.367347	60.811975	3.186473
129.028055	26.818637	1006.339	
0.25000	7.367347	65.807031	3.186473
139.783189	23.874631	1137.211	
0.50000	7.367347	71.467721	3.186473
150.626068	21.189755	1293.443	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1115

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	7.367347	77.631411	3.186473
161.628715	18.743680	1481.351	
1.00000	7.367347	84.120760	3.186473
176.587844	17.499401	1687.423	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.109229	-262.569950	-3.189850
-831.480202	-37.546075	-1289.397	
0.25000	-9.109229	-256.002583	-3.189850
-816.484120	-33.692541	-1238.833	
0.50000	-9.109229	-249.648566	-3.189850
-805.404228	-29.840639	-1188.314	
0.75000	-9.109229	-243.694666	-3.189850
-794.353463	-25.992639	-1137.948	
1.00000	-9.109229	-238.317868	-3.189850
-783.263199	-22.261256	-1087.694	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.732058	123.914657	3.312841
89.947916	34.223404	1693.677	
0.25000	11.732058	152.936279	3.312841
89.947916	32.190192	1953.546	
0.50000	11.732058	185.715036	3.312841
89.947916	31.128508	2191.420	
0.75000	11.732058	221.398591	3.312841
89.947916	31.046778	2411.733	
1.00000	11.732058	258.857606	3.312841
89.947916	31.919235	2609.433	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.892833	-527.004662	-5.098662
-630.667090	-40.522776	-1744.448	
0.25000	-12.892833	-489.086293	-5.098662
-632.670765	-36.115825	-1672.575	
0.50000	-12.892833	-452.283774	-5.098662
-634.277886	-31.721596	-1600.822	
0.75000	-12.892833	-417.784365	-5.098662
-636.193716	-27.331412	-1529.405	
1.00000	-12.892833	-386.635194	-5.098662
-639.160747	-23.139120	-1458.080	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.778802	122.777615	3.898469
343.549348	43.965478	1822.534	
0.25000	11.778802	146.643457	3.898469
343.549348	40.886464	2075.363	
0.50000	11.778802	173.598872	3.898469
343.549348	38.598232	2324.843	
0.75000	11.778802	202.943504	3.898469
343.549348	37.111598	2582.350	
1.00000	11.778802	233.748478	3.898469
343.549348	36.587488	2838.610	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.060070	-526.751604	-4.891866
-571.005960	-39.484592	-1919.568	
0.25000	-12.060070	-495.568958	-4.891866
-571.005960	-35.473573	-1840.701	
0.50000	-12.060070	-465.304397	-4.891866
-571.005960	-31.474350	-1761.955	
0.75000	-12.060070	-436.934268	-4.891866
-571.472562	-27.481806	-1683.489	
1.00000	-12.060070	-411.317526	-4.891866
-572.169758	-23.642901	-1605.108	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.447982	62.578218	0.195010
69.891729	5.248291	843.420082	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1116

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	4.447982	78.418484	0.195010
89.778598	5.044253	946.844484	
0.50000	4.447982	96.338356	0.195010
109.837203	4.840271	1037.093	
0.75000	4.447982	115.848968	0.195010
130.209469	6.691511	1122.014	
1.00000	4.447982	136.366061	0.195010
157.974084	9.023461	1196.566	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.985843	-257.921938	-3.465810
-346.111548	-37.304632	-674.032829	
0.25000	-5.985843	-237.156205	-3.465810
-318.229656	-33.668940	-643.850513	
0.50000	-5.985843	-217.039411	-3.465810
-297.597750	-30.035083	-613.732962	
0.75000	-5.985843	-198.186347	-3.465810
-277.025069	-26.405984	-583.808261	
1.00000	-5.985843	-181.161515	-3.465810
-256.392071	-22.776998	-553.897115	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.449901	123.600598	1.548836
152.295248	26.772575	1650.543	
0.25000	9.449901	155.288064	1.548836
152.295248	26.222571	1854.875	
0.50000	9.449901	191.077624	1.548836
152.295248	26.468880	2030.691	
0.75000	9.449901	230.039592	1.548836
152.295248	27.577412	2192.450	
1.00000	9.449901	270.940609	1.548836
152.295248	29.805732	2331.712	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.347166	-505.843186	-5.461515
-174.813329	-42.524458	-1298.655	
0.25000	-10.347166	-464.449747	-5.461515
-174.813329	-38.287062	-1240.720	
0.50000	-10.347166	-424.257449	-5.461515
-174.813329	-34.060890	-1182.947	
0.75000	-10.347166	-386.589619	-5.461515
-174.813329	-29.842031	-1125.498	
1.00000	-10.347166	-352.576955	-5.461515
-174.813329	-25.656534	-1068.049	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.905345	128.827726	2.387718
180.169853	34.288614	1840.105	
0.25000	10.905345	157.664887	2.387718
180.169853	32.815091	2086.903	
0.50000	10.905345	190.235057	2.387718
180.169853	32.087811	2315.841	
0.75000	10.905345	225.692751	2.387718
180.169853	32.206948	2542.319	
1.00000	10.905345	262.915379	2.387718
180.169853	33.327572	2758.038	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.375457	-544.954346	-5.886947
-516.712224	-51.501964	-1740.039	
0.25000	-11.375457	-507.275478	-5.886947
-516.698230	-46.576579	-1666.070	
0.50000	-11.375457	-470.706566	-5.886947
-516.597538	-41.662734	-1592.243	
0.75000	-11.375457	-436.427342	-5.886947
-516.521562	-36.763274	-1518.703	
1.00000	-11.375457	-405.472790	-5.886947
-516.507502	-31.880827	-1445.211	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1117

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.338618	121.625765	2.417129
430.273347	33.029060	1830.962	
0.25000	10.338618	145.939339	2.417129
430.273347	31.321795	2089.292	
0.50000	10.338618	173.380617	2.417129
430.273347	30.260812	2339.020	
0.75000	10.338618	203.264432	2.417129
430.273347	29.942837	2595.266	
1.00000	10.338618	234.635496	2.417129
430.273347	30.457342	2850.531	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.873777	-528.879783	-5.359285
-456.105193	-49.057185	-1916.214	
0.25000	-10.873777	-497.115129	-5.359285
-456.105193	-44.676021	-1836.924	
0.50000	-10.873777	-466.294554	-5.359285
-456.105193	-40.303435	-1757.750	
0.75000	-10.873777	-437.403343	-5.359285
-456.105193	-35.945570	-1678.847	
1.00000	-10.873777	-411.315643	-5.359285
-456.105193	-31.603966	-1600.010	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.441204	23.959606	1.221879
459.262005	6.839548	410.955115	
0.25000	3.441204	24.552153	1.221879
457.229150	6.455547	490.975889	
0.50000	3.441204	25.224588	1.221879
455.733173	6.071606	583.753602	
0.75000	3.441204	25.956465	1.221879
454.240048	5.687688	686.995358	
1.00000	3.441204	26.722267	1.221879
452.739012	5.317649	797.526823	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.560468	-112.992103	-0.916662
-54.441864	-10.191216	-711.694290	
0.25000	-3.560468	-112.216710	-0.916662
-55.921657	-9.790720	-685.963769	
0.50000	-3.560468	-111.461510	-0.916662
-57.411181	-9.397900	-660.283584	
0.75000	-3.560468	-110.753273	-0.916662
-58.919385	-9.013018	-634.707279	
1.00000	-3.560468	-110.116541	-0.916662
-60.956961	-9.846777	-609.171506	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.822824	63.493814	2.914514
787.543515	31.568019	1043.978	
0.25000	6.822824	69.836131	2.914514
768.704535	28.089889	1179.972	
0.50000	6.822824	77.028921	2.914514
754.844938	26.405810	1337.508	
0.75000	6.822824	84.857777	2.914514
741.011045	23.831212	1523.540	
1.00000	6.822824	93.053137	2.914514
727.102132	21.832899	1726.224	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.350933	-273.733980	-2.249999
-127.501656	-17.845993	-1266.225	
0.25000	-6.350933	-265.436268	-2.249999
-141.229850	-16.679085	-1216.575	
0.50000	-6.350933	-257.358477	-2.249999
-155.046782	-15.720125	-1167.034	
0.75000	-6.350933	-249.783472	-2.249999
-169.034841	-14.768381	-1117.640	
1.00000	-6.350933	-242.592922	-2.249999
-187.924074	-13.840018	-1068.304	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1118

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.903659	124.137223	2.224785
574.017144	27.948423	1710.106	
0.25000	10.903659	153.413133	2.224785
574.017144	27.385777	1969.705	
0.50000	10.903659	186.478781	2.224785
574.017144	27.540287	2206.652	
0.75000	10.903659	222.476215	2.224785
574.017144	28.473274	2426.302	
1.00000	10.903659	260.265646	2.224785
574.017144	30.256140	2624.052	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.644678	-529.294395	-4.689653
-108.990862	-33.650253	-1718.250	
0.25000	-10.644678	-491.041836	-4.689653
-108.271316	-30.759669	-1647.358	
0.50000	-10.644678	-453.916453	-4.689653
-107.602966	-27.891005	-1576.613	
0.75000	-10.644678	-419.115931	-4.689653
-106.960979	-25.045492	-1506.231	
1.00000	-10.644678	-387.689483	-4.689653
-106.375322	-22.228713	-1435.904	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.623761	122.234748	2.202093
520.288234	28.620704	1820.855	
0.25000	10.623761	146.210448	2.202093
520.288234	27.705075	2075.314	
0.50000	10.623761	173.289901	2.202093
520.288234	27.397075	2325.438	
0.75000	10.623761	202.769766	2.202093
520.288234	27.742980	2583.354	
1.00000	10.623761	233.716821	2.202093
520.288234	28.909804	2839.714	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.932766	-527.209604	-5.868825
-375.290267	-55.564287	-1912.636	
0.25000	-11.932766	-495.831170	-5.868825
-375.290267	-50.720863	-1833.871	
0.50000	-11.932766	-465.479247	-5.868825
-375.290267	-45.887216	-1755.246	
0.75000	-11.932766	-436.978678	-5.868825
-375.290267	-41.066596	-1676.945	
1.00000	-11.932766	-411.243459	-5.868825
-375.290267	-36.281822	-1598.691	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.023325	39.107713	4.509882
128.099926	40.991549	610.385403	
0.25000	13.023325	39.462099	4.509882
129.027941	35.960137	660.864208	
0.50000	13.023325	39.862298	4.509882
130.035086	31.036597	731.223210	
0.75000	13.023325	40.292581	4.509882
131.122112	26.292846	831.119319	
1.00000	13.023325	40.735668	4.509882
132.286937	21.868951	959.550466	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.418576	-150.445549	-0.884779
-589.572672	-7.618115	-965.022441	
0.25000	-5.418576	-149.921286	-0.884779
-588.262728	-6.633498	-877.149577	
0.50000	-5.418576	-149.403126	-0.884779
-587.024084	-5.672554	-811.987830	
0.75000	-5.418576	-148.909113	-0.884779
-585.859143	-4.760388	-782.638115	
1.00000	-5.418576	-148.457187	-0.884779
-584.765955	-4.043042	-787.442735	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1119

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.742661	91.845238	4.450226
230.777865	42.725767	1294.432	
0.25000	14.742661	94.840216	4.450226
237.498649	37.893015	1371.187	
0.50000	14.742661	98.222564	4.450226
244.795075	33.295027	1491.143	
0.75000	14.742661	101.858497	4.450226
252.665904	29.271011	1678.231	
1.00000	14.742661	105.603052	4.450226
261.110772	26.502653	1920.210	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.374376	-322.286018	-4.778038
-957.247937	-51.452834	-1525.997	
0.25000	-14.374376	-317.857810	-4.778038
-947.750609	-45.849152	-1591.304	
0.50000	-14.374376	-313.478957	-4.778038
-938.752892	-40.360525	-1459.342	
0.75000	-14.374376	-309.310770	-4.778038
-930.287748	-34.926388	-1395.962	
1.00000	-14.374376	-305.485526	-4.778038
-922.356102	-30.755062	-1397.702	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.231077	160.897601	4.754149
209.058047	53.269021	2000.040	
0.25000	18.231077	181.085917	4.754149
204.178752	49.143855	2158.900	
0.50000	18.231077	203.904273	4.754149
199.638437	45.942981	2340.267	
0.75000	18.231077	228.428939	4.754149
195.429564	43.695862	2571.052	
1.00000	18.231077	253.680405	4.754149
191.543377	42.795037	2839.820	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.351000	-572.094084	-6.807402
-772.494394	-57.515960	-2441.193	
0.25000	-17.351000	-542.238998	-6.807402
-776.639637	-50.949322	-2184.521	
0.50000	-17.351000	-512.729075	-6.807402
-781.099859	-44.835996	-1989.679	
0.75000	-17.351000	-484.643947	-6.807402
-785.874520	-39.120293	-1895.679	
1.00000	-17.351000	-458.883580	-6.807402
-790.976726	-34.124857	-1891.059	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.929855	164.229654	5.450455
461.575904	65.324873	2144.170	
0.25000	18.929855	180.848799	5.450455
458.265695	60.182051	2297.084	
0.50000	18.929855	199.631930	5.450455
455.195386	55.844544	2490.614	
0.75000	18.929855	219.819612	5.450455

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452.357554    52.421052    2756.006
 1.00000    18.929855   240.605613     5.450455
449.744325   50.227715    3073.278

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.994033  -584.547216   -6.501622
-713.539407   -54.821845    -2644.717
 0.25000   -15.994033  -559.971489   -6.501622
-716.447687   -48.637600    -2369.344
 0.50000   -15.994033  -535.679910   -6.501622
-719.568767   -42.875072    -2160.851
 0.75000   -15.994033  -512.561179   -6.501622
-722.908019   -37.566101    -2061.451
 1.00000   -15.994033  -491.355127   -6.501622
-726.474264   -32.962122    -2057.842
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1120

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    4.252715    77.157049     0.326730
 96.180197    7.069796   874.806372
 0.25000    4.252715    88.449790     0.326730
113.105656    7.043169   935.939662
 0.50000    4.252715   101.213264     0.326730
131.483011    7.557245  1002.367
 0.75000    4.252715   114.976972     0.326730
151.311067    9.155467  1088.365
 1.00000    4.252715   129.055285     0.326730
172.583332   11.401744   1184.712

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.587507  -260.820407    -5.108057
-356.268685   -51.266818   -939.367836
 0.25000   -11.587507  -244.116291    -5.108057
-332.092973   -45.625898   -832.315340
 0.50000   -11.587507  -227.604781    -5.108057
-309.241403   -40.318173   -749.879459
 0.75000   -11.587507  -211.889818    -5.108057
-287.791726   -35.359911   -707.911625
 1.00000   -11.587507  -197.464498    -5.108057
-267.628466   -30.774827   -702.220225

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.717399   152.277710     1.955763
177.185050   34.802426   1724.094
 0.25000   10.717399   174.859767     1.955763
177.185050   33.392453   1846.239
 0.50000   10.717399   200.375848     1.955763
177.185050   34.104245   1977.797
 0.75000   10.717399   227.797733     1.955763
177.185050   35.174002   2146.316
 1.00000   10.717399   256.036973     1.955763
177.185050   37.310063   2332.474

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.516671  -513.272017    -7.085110
-203.366149   -57.405535   -1825.022
 0.25000   -14.516671  -479.885451    -7.085110
-203.366149   -50.909538   -1617.323
 0.50000   -14.516671  -446.885047    -7.085110
-203.366149   -44.931527   -1458.182
 0.75000   -14.516671  -415.477989    -7.085110
-203.366149   -39.407846   -1379.426
 1.00000   -14.516671  -386.658271    -7.085110
-203.366149   -34.299318   -1368.374

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   14.201929   166.048343     2.979349
252.124053   46.233221   2068.368
 0.25000   14.201929   186.677224     2.979349
252.124055   44.261332   2218.561
 0.50000   14.201929   209.984594     2.979349
252.124055   43.142463   2395.477
 0.75000   14.201929   235.031524     2.979349
252.124055   42.882199   2629.517
 1.00000   14.201929   260.827643     2.979349
252.124055   43.492204   2900.253

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -16.287435  -584.338297    -7.440070
-617.695185   -68.178656   -2532.705
 0.25000   -16.287435  -553.841323    -7.440070
-616.957528   -61.170590   -2280.363
 0.50000   -16.287435  -523.697106    -7.440070
-616.196059   -54.630259   -2085.396
 0.75000   -16.287435  -495.008346    -7.440070
-615.418896   -48.485153   -1959.696
 1.00000   -16.287435  -468.681356    -7.440070
-614.633892   -42.673675   -1936.407
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1121

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   13.508558   161.680526     3.530909
538.889594   48.578016   2145.138
 0.25000   13.508558   179.122509     3.530909
538.889594   45.658686   2305.085
 0.50000   13.508558   198.830681     3.530909
538.889594   43.483548   2502.810
 0.75000   13.508558   220.010862     3.530909
538.889594   42.204462   2767.836
 1.00000   13.508558   241.822354     3.530909
538.889594   41.970254   3078.491

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.727348  -587.283661    -6.854252
-571.051041   -64.503530   -2733.263
 0.25000   -15.727348  -561.496472    -6.854252
-571.051041   -58.048278   -2464.309
 0.50000   -15.727348  -536.007534    -6.854252
-571.051041   -51.909522   -2258.682
 0.75000   -15.727348  -511.749275    -6.854252
-571.051041   -46.244458   -2135.598
 1.00000   -15.727348  -489.489433    -6.854252
-571.051041   -41.163935   -2118.323

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    3.533628    38.759705     1.933659
552.259029   11.775059   616.564034
 0.25000    3.533628    39.197004     1.933659
550.615488   10.475140   670.523195
 0.50000    3.533628    39.693582     1.933659
549.067411    9.233076   745.855616
 0.75000    3.533628    40.227400     1.933659
547.614001    8.281222   851.118256
 1.00000    3.533628    40.776780     1.933659
546.255708    7.920736   981.692707

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -6.474276  -153.851381    -1.346265
-103.811772   -17.120358   -957.768806
 0.25000   -6.474276  -153.201959    -1.346265
-105.000685   -16.323548   -870.641181
 0.50000   -6.474276  -152.560452    -1.346265
-106.289356   -15.587949   -807.305140
 0.75000   -6.474276  -151.949743    -1.346265
-107.677523   -15.394660   -781.184106
 1.00000   -6.474276  -151.391601    -1.346265
-109.167183   -16.204767   -785.028217

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.925227    92.631563     3.975695
879.214262   43.199469   1299.850
 0.25000    9.925227    96.593721     3.975695
866.792110   39.733351   1382.320
 0.50000    9.925227   101.089191     3.975695
855.089557   36.386739   1507.414
 0.75000    9.925227   105.921828     3.975695
844.110509   33.456541   1697.057
 1.00000    9.925227   110.894339     3.975695
833.848672   31.419716   1934.157

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.030750  -327.657046    -2.873805
-199.760636   -25.305259   -1741.939
 0.25000   -9.030750  -321.776102    -2.873805
-208.765454   -23.473243   -1567.354
 0.50000   -9.030750  -315.968387    -2.873805
-218.520515   -21.772970   -1442.696
 0.75000   -9.030750  -310.439139    -2.873805
-229.039682   -20.481559   -1386.002
 1.00000   -9.030750  -305.382387    -2.873805
-240.322884   -19.973379   -1382.854
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1122

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   12.369167   158.498320     3.478549
689.621827   41.226221   1969.577
 0.25000   12.369167   178.927848     3.478549
692.515018   39.296461   2129.902
 0.50000   12.369167   202.003719     3.478549
695.689978   38.195153   2312.576
 0.75000   12.369167   226.801861     3.478549
699.143212   38.128387   2542.760
 1.00000   12.369167   252.340743     3.478549
702.867063   39.164914   2805.089

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -15.220444  -566.481965    -6.049263
-207.282441   -48.463880   -2367.351
 0.25000  -15.220444  -536.286450    -6.049263
-202.307237   -43.746633   -2118.033
 0.50000  -15.220444  -506.440326    -6.049263
-197.554269   -39.509672   -1930.521
 0.75000  -15.220444  -478.035292    -6.049263
-193.031646   -35.847236   -1843.508
 1.00000  -15.220444  -451.962866    -6.049263
-188.752651   -32.960657   -1838.735

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   12.416095   162.897332     3.354914
654.413902   42.511031   2133.710
 0.25000   12.416095   179.689356     3.354914
656.094029   40.369535   2289.104
 0.50000   12.416095   198.657725     3.354914
658.100349   38.968502   2485.046
 0.75000   12.416095   219.041803     3.354914
660.287372   38.469702   2751.515
 1.00000   12.416095   240.034726     3.354914
662.649544   39.181855   3067.397

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -18.602006  -584.394218    -7.597559
-501.874352   -74.147472   -2696.440
 0.25000  -18.602006  -559.573775    -7.597559
-498.564801   -67.087534   -2426.964
 0.50000  -18.602006  -535.040506    -7.597559
-495.391151   -60.434273   -2222.106
 0.75000  -18.602006  -511.691796    -7.597559
-492.364324   -54.320215   -2121.973
 1.00000  -18.602006  -490.261572    -7.597559
-489.491851   -48.998580   -2111.200

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   11.778802   128.827726     3.898469
787.543515   43.965478   1840.705
 0.25000   11.778802   157.664887     3.898469
768.704535   40.886464   2089.292
 0.50000   11.778802   191.077624     3.898469
754.844938   38.598232   2339.020
 0.75000   11.778802   230.039592     3.898469
741.011045   37.111598   2595.266
 1.00000   11.778802   270.940609     3.898469
727.102132   36.587488   2850.531

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -12.892833  -544.954346    -5.886947
-831.480202   -55.564287   -1919.568
 0.25000  -12.892833  -507.275478    -5.886947
-816.484120   -50.720863   -1840.701
 0.50000  -12.892833  -470.706566    -5.886947
-805.404228   -45.887216   -1761.955
 0.75000  -12.892833  -437.403343    -5.886947
-794.353643   -41.066596   -1683.489
 1.00000  -12.892833  -411.317526    -5.886947
-783.263199   -36.281822   -1605.108
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1123

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   18.929855   166.048343     5.450455
879.214262   65.324873   2145.138
 0.25000   18.929855   186.677224     5.450455
866.792110   60.182051   2305.085
 0.50000   18.929855   209.984594     5.450455
855.089557   55.844544   2502.810
 0.75000   18.929855   235.031524     5.450455
844.110509   52.421052   2767.836
 1.00000   18.929855   260.827643     5.450455
833.848672   50.227715   3078.491

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -18.602006  -587.283661    -7.597559
-957.247937   -74.147472   -2733.263
 0.25000  -18.602006  -561.496472    -7.597559
-947.750609   -67.087534   -2464.309
 0.50000  -18.602006  -536.007534    -7.597559
-938.752892   -60.434273   -2258.682
 0.75000  -18.602006  -512.561179    -7.597559
-930.287748   -54.320215   -2135.598
 1.00000  -18.602006  -491.355127    -7.597559
-922.356102   -48.998580   -2118.323

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   18.929855   166.048343     5.450455
879.214262   65.324873   2145.138
 0.25000   18.929855   186.677224     5.450455
866.792110   60.182051   2305.085
 0.50000   18.929855   209.984594     5.450455
855.089557   55.844544   2502.810
 0.75000   18.929855   235.031524     5.450455
844.110509   52.421052   2767.836
 1.00000   18.929855   260.827643     5.450455
833.848672   50.227715   3078.491

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -18.602006  -587.283661    -7.597559
-957.247937   -74.147472   -2733.263
 0.25000  -18.602006  -561.496472    -7.597559
-947.750609   -67.087534   -2464.309
 0.50000  -18.602006  -536.007534    -7.597559
-938.752892   -60.434273   -2258.682
 0.75000  -18.602006  -512.561179    -7.597559
-930.287748   -54.320215   -2135.598
 1.00000  -18.602006  -491.355127    -7.597559
-922.356102   -48.998580   -2118.323

 COMB   DESIGN ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   18.929855   166.048343     5.450455
879.214262   65.324873   2145.138
 0.25000   18.929855   186.677224     5.450455
866.792110   60.182051   2305.085
 0.50000   18.929855   209.984594     5.450455
855.089557   55.844544   2502.810
 0.75000   18.929855   235.031524     5.450455
844.110509   52.421052   2767.836
 1.00000   18.929855   270.940609     5.450455
833.848672   50.227715   3078.491

 COMB   DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -18.602006  -587.283661    -7.597559
-957.247937   -74.147472   -2733.263
 0.25000  -18.602006  -561.496472    -7.597559
-947.750609   -67.087534   -2464.309
 0.50000  -18.602006  -536.007534    -7.597559
-938.752892   -60.434273   -2258.682
 0.75000  -18.602006  -512.561179    -7.597559
-930.287748   -54.320215   -2135.598
 1.00000  -18.602006  -491.355127    -7.597559
-922.356102   -48.998580   -2118.323
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1124

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      81 ================== LENGTH
=    4.958252

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    5.012990    24.266815     3.132184
67.425043   15.995735   764.012120
 0.25000    5.012990    24.777838     3.132184
68.631104   13.223945   821.439693
 0.50000    5.012990    25.356021     3.132184
69.849791   10.908535   888.956807
 0.75000    5.012990    25.984804     3.132184
71.089048    8.808325   964.137637
 1.00000    5.012990    26.645300     3.132184
72.777229    6.944125   1045.936

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.930180   -89.696048    -0.690606
-403.150708   -5.071936  -610.501544
 0.25000   -4.930180   -89.031629    -0.690606
-401.465872   -4.236773  -581.563833
 0.50000   -4.930180   -88.392450    -0.690606
-400.218517   -3.417962  -552.626121
 0.75000   -4.930180   -87.795994    -0.690606
-398.970207   -3.367555  -523.688410
 1.00000   -4.930180   -87.260210    -0.690606
-397.712999   -5.500165  -494.750703

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    7.667522    74.440497     3.275289
149.349194   22.558450   1689.470
 0.25000    7.667522    79.562475     3.275289
160.232953   20.913265   1775.615
 0.50000    7.667522    85.357679     3.275289
171.231949   19.713630   1883.184
 0.75000    7.667522    91.659843     3.275289
182.417706   19.001591   2020.113
 1.00000    7.667522    98.277789     3.275289
197.656602   18.610543   2175.747

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.297285  -224.250637    -3.680268
-722.191001   -25.300670   -1087.801
 0.25000   -9.297285  -217.593411    -3.680268
-706.977789   -20.792059   -1036.742
 0.50000   -9.297285  -211.186793    -3.680268
-695.715177   -16.306542   -985.683176
 0.75000   -9.297285  -205.208149    -3.680268
-684.443107   -13.219593   -934.624339
 1.00000   -9.297285  -199.837711    -3.680268
-673.091324   -10.537784   -883.565508

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   12.258269   154.553617     4.232425
102.848513   37.227927   2611.046
 0.25000   12.258269   184.223650     4.232425
102.602241   35.184326   2804.947
 0.50000   12.258269   217.800917     4.232425
102.602241   34.226502   2972.276
 0.75000   12.258269   254.303218     4.232425
102.602241   34.480438   3118.963
 1.00000   12.258269   292.524478     4.232425
102.602241   35.552657   3242.775

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -13.342871  -471.383532    -4.997835
-537.358837   -26.349113   -1458.143
 0.25000  -13.342871  -432.936725    -4.997835
-539.409851   -22.352717   -1390.311
 0.50000  -13.342871  -395.815819    -4.997835
-541.404562   -18.414017   -1322.479
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1125

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000  -13.342871  -361.160371    -4.997835
-543.366729   -15.854415   -1254.647
 1.00000  -13.342871  -330.035829    -4.997835
-545.975310   -13.563668   -1186.815

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   12.188946   153.121655     5.038721
319.740922   41.022763   2839.226
 0.25000   12.188946   177.522031     5.038721
319.740922   37.714678   3019.037
 0.50000   12.188946   205.133879     5.038721
319.740922   35.723177   3191.348
 0.75000   12.188946   235.151559     5.038721
319.740922   35.136606   3366.744
 1.00000   12.188946   266.583171     5.038721
319.740922   35.881874   3540.763

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -12.500715  -465.614546    -4.827486
-495.885757   -26.542800   -1605.098
 0.25000  -12.500715  -433.997480    -4.827486
-495.885757   -22.906029   -1530.447
 0.50000  -12.500715  -403.471236    -4.827486
-496.294217   -19.333847   -1455.795
 0.75000  -12.500715  -374.972944    -4.827486
-496.846725   -16.925683   -1381.144
 1.00000  -12.500715  -349.376533    -4.827486
-497.411640   -14.759597   -1306.493

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    4.685750    83.637197     0.222311
86.237119   10.543240   1197.124
 0.25000    4.685750    99.855555     0.222311
106.476168   12.071243   1271.434
 0.50000    4.685750   118.204541     0.222311
126.946550   13.932595   1330.850
 0.75000    4.685750   138.157196     0.222311
147.779022   16.146805   1383.487
 1.00000    4.685750   159.085234     0.222311
176.174212   18.675848   1426.388

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -6.127857  -234.000640    -3.530685
-322.294927   -22.873691   -553.918087
 0.25000   -6.127857  -212.948687    -3.530685
-293.916529   -18.837969   -528.419395
 0.50000   -6.127857  -192.662352    -3.530685
-272.866882   -14.858266   -502.920703
 0.75000   -6.127857  -173.728171    -3.530685
-251.813313   -10.971749   -477.422011
 1.00000   -6.127857  -156.720782    -3.530685
-230.631012   -7.398583   -451.923368

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.838373   164.399664     2.736063
149.020186   31.741525   2331.657
 0.25000    9.838373   196.797318     2.736063
149.020186   31.226266   2479.980
 0.50000    9.838373   233.458366     2.736063
149.020186   32.080053   2596.477
 0.75000    9.838373   273.313874     2.736063
149.020186   34.398988   2696.142
 1.00000    9.838373   315.046832     2.736063
149.020186   37.762261   2774.221

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -10.717003  -459.613734    -5.368250
-165.401256   -26.261756   -1068.007
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1126

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000  -10.717003  -417.634551    -5.368250
-165.401256   -22.481203   -1019.028
 0.50000  -10.717003  -377.103858    -5.368250
-165.401256   -18.759731   -970.049252
 0.75000  -10.717003  -339.265918    -5.368250
-165.401256   -15.137877   -921.070467
 1.00000  -10.717003  -305.280276    -5.368250
-165.401256   -11.680201   -872.091686

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   11.325997   164.443068     3.647244
176.823720   37.652796   2758.955
 0.25000   11.325997   193.927879     3.647244
176.823720   35.783367   2936.136
 0.50000   11.325997   227.290922     3.647244
176.823720   35.189781   3091.304
 0.75000   11.325997   263.561531     3.647244
176.823720   35.951244   3240.007
 1.00000   11.325997   301.541070     3.647244
176.823720   37.764274   3377.410

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -11.795715  -487.133533    -6.074518
-455.242689   -32.474814   -1445.229
 0.25000  -11.795715  -448.929941    -6.074518
-454.882085   -27.622342   -1378.346
 0.50000  -11.795715  -412.045027    -6.074518
-454.438225   -22.923787   -1311.462
 0.75000  -11.795715  -377.611153    -6.074518
-454.057116   -18.325907   -1244.579
 1.00000  -11.795715  -346.681273    -6.074518
-453.762124   -13.910316   -1177.696

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.765452   150.438992     3.540147
384.877265   34.047956   2850.442
 0.25000   10.765452   175.287981     3.540147
384.877265   32.332466   3035.024
 0.50000   10.765452   203.406990     3.540147
384.877265   31.733109   3206.384
 0.75000   10.765452   233.976150     3.540147
384.877265   32.194435   3379.652
 1.00000   10.765452   265.985312     3.540147
384.877265   33.590376   3550.632

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -11.290527  -467.303130    -5.547817
-404.598407   -32.300409   -1599.967
 0.25000  -11.290527  -435.105114    -5.547817
-404.598407   -27.896163   -1525.539
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 0.50000   -11.290527  -404.018087    -5.547817
-404.598407  -23.621413   -1451.113
 0.75000   -11.290527  -374.996402    -5.547817
-404.598407  -19.437842   -1376.686
 1.00000   -11.290527  -348.929428    -5.547817
-404.598407  -15.422041   -1302.259

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    3.611180   24.481808    0.757254
387.660870   5.490398  796.054599
 0.25000    3.611180   25.088174    0.757254
385.616574   5.096607  853.927527
 0.50000    3.611180   25.777422    0.757254
384.111358   4.742545  922.261020
 0.75000    3.611180   26.526465    0.757254
382.601745   4.424859  999.861977
 1.00000    3.611180   27.308292    0.757254
381.077095   5.371152   1084.529
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1127

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.731760   -93.555319   -1.312073
-60.147817   -9.490814  -609.094453
 0.25000   -3.731760   -92.769910   -1.312073
-61.622617   -7.040890  -580.012337
 0.50000   -3.731760   -92.006873   -1.312073
-63.109893   -7.937205  -550.930222
 0.75000   -3.731760   -91.295154   -1.312073
-64.619810   -7.634904  -521.848106
 1.00000   -3.731760   -90.658793   -1.312073
-66.673866   -7.641020  -492.765990

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    7.040890   77.633017    3.155941
688.592881   22.211845   1724.040
 0.25000    7.040890   84.122474    3.155941
669.662909   19.742504   1815.160
 0.50000    7.040890   91.494477    3.155941
655.725035   18.105087   1924.018
 0.75000    7.040890   99.506400    3.155941
641.747365   17.435932   2058.416
 1.00000    7.040890  107.872614    3.155941
627.631867   18.490954   2209.662

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.654713  -235.317851   -2.318217
-147.468478  -14.412465   -1068.159
 0.25000   -6.654713  -226.902562   -2.318217
-161.134174  -13.339040   -1018.003
 0.50000   -6.654713  -218.752086   -2.318217
-174.914891  -12.283552   -967.847197
 0.75000   -6.654713  -211.140250   -2.318217
-188.904833  -11.293698   -917.691216
 1.00000   -6.654713  -204.330179   -2.318217
-207.932838  -10.257503   -867.535234

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   11.368976   155.094362    3.015061
491.459541   31.687565   2622.295
 0.25000   11.368976   185.028706    3.015061
491.459541   30.430263   2816.189
 0.50000   11.368976   218.899135    3.015061
491.459541   30.348700   2982.550
 0.75000   11.368976   255.721679    3.015061
491.459541   31.489416   3128.163
 1.00000   11.368976   294.279402    3.015061
491.459541   34.484466   3251.478

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -11.161146  -473.809621   -4.391360
-117.931754  -23.092078   -1435.770
 0.25000  -11.161146  -435.024454   -4.391360
-116.790060  -20.729022   -1368.890
 0.50000  -11.161146  -397.578361   -4.391360
-115.767038  -18.433483   -1302.009
 0.75000  -11.161146  -362.620947   -4.391360
-114.806665  -16.246863   -1235.128
 1.00000  -11.161146  -331.219601   -4.391360
-113.928873  -14.218325   -1168.247

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   11.073606   152.233312    2.940145
456.726063   31.939046   2838.958
 0.25000   11.073606   176.746565    2.940145
456.726063   30.866329   3020.323
 0.50000   11.073606   204.485378    2.940145
456.726063   30.799211   3192.912
 0.75000   11.073606   234.641286    2.940145
456.726063   31.801090   3368.085
 1.00000   11.073606   266.217782    2.940145
456.726063   34.403549   3541.482
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1128

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -12.320064  -466.028744   -6.160273
-342.725442  -36.994190   -1598.624
 0.25000  -12.320064  -434.265950   -6.160273
-342.725442  -31.929679   -1524.091
 0.50000  -12.320064  -403.599199   -6.160273
-342.725442  -26.927661   -1449.559
 0.75000  -12.320064  -374.369944   -6.160273
-342.725442  -22.067428   -1375.028
 1.00000  -12.320064  -349.255183   -6.160273
-342.725444  -17.348234   -1300.496

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   13.100564   40.569376    4.361663
85.714227   26.272251   961.422886
 0.25000   13.100564   40.945962    4.361663
86.660928   21.810506   1047.445
 0.50000   13.100564   41.369312    4.361663
87.693019   17.775742   1135.811
 0.75000   13.100564   41.823230    4.361663
88.811561   14.496425   1225.761
 1.00000   13.100564   42.288720    4.361663
90.017473   11.946209   1318.520

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.585589  -124.576634   -0.873668
-472.965521   -7.603690  -787.673026
 0.25000   -5.585589  -124.063043   -0.873668
-471.666853   -6.987769  -786.821445
 0.50000   -5.585589  -123.557064   -0.873668
-470.436405   -6.696221  -785.949757
 0.75000   -5.585589  -123.076072   -0.873668
-469.272743   -7.554043  -785.119783
 1.00000   -5.585589  -122.637643   -0.873668
-468.178731   -10.084923  -784.263023

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.956263   104.142893    4.275948
176.085248   33.207456   1922.879
 0.25000   14.956263   107.324492    4.275948
182.947333   30.311828   2062.529
 0.50000   14.956263   110.902349    4.275948
190.430046   27.968435   2210.807
 0.75000   14.956263   114.738875    4.275948
198.540066   26.443963   2374.303
 1.00000   14.956263   118.672053    4.275948
207.281683   25.714912   2542.659

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.541710  -267.107359   -5.138731
-781.721508  -35.169912   -1398.061
 0.25000  -14.541710  -262.766638   -5.138731
-772.282905  -30.290132   -1397.889
 0.50000  -14.541710  -258.490859   -5.138731
-763.335509  -25.739830   -1397.718
 0.75000  -14.541710  -254.426597   -5.138731
-754.883143  -22.283668   -1397.564
 1.00000  -14.541710  -250.721622   -5.138731
-746.945081  -20.045799   -1397.404

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   18.676111   184.781090    5.232149
159.974709   49.877474   2841.958
 0.25000   18.676111   206.236084    5.232149
155.295118   47.027118   3089.374
 0.50000   18.676111   230.366977    5.232149
150.896611   45.109536   3307.699
 0.75000   18.676111   256.238708    5.232149
146.776454   44.411022   3499.996
 1.00000   18.676111   282.764590    5.232149
142.931189   44.722548   3660.057
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1129

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -17.777693  -487.965120   -6.357818
-623.865029  -38.358452   -1891.298
 0.25000  -17.777693  -458.709949   -6.357818
-627.838054  -33.847291   -1892.157
 0.50000  -17.777693  -429.884548   -6.357818
-632.146330  -29.770338   -1893.078
 0.75000  -17.777693  -402.481695   -6.357818
-636.797646  -26.736872   -1894.069
 1.00000  -17.777693  -377.516957   -6.357818
-641.804903  -24.659832   -1895.036

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.291787   189.476918    6.362543
369.329564   56.797776   3074.120
 0.25000   19.291787   207.138721    6.362543
366.174136   52.598297   3320.015
 0.50000   19.291787   227.002275    6.362543
363.215185   49.598007   3551.436
 0.75000   19.291787   248.298829    6.362543
360.448615   48.003976   3773.168
 1.00000   19.291787   270.133860    6.362543
357.868738   47.700358   3972.187

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.397162  -493.766181   -6.114082
-575.680629  -36.802555   -2057.855
 0.25000  -16.397162  -469.684409   -6.114082
-578.439656  -32.711240   -2059.343
 0.50000  -16.397162  -445.957950   -6.114082
-581.425502  -29.288474   -2060.886
 0.75000  -16.397162  -423.399359   -6.114082
-584.647109  -26.563103   -2062.492
 1.00000  -16.397162  -402.849831   -6.114082
-588.116419  -25.594006   -2064.094

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.488765   91.763474    0.379638
91.640702   13.277989   1185.283
 0.25000    4.488765   103.766196   0.379638
108.959891   14.550916   1280.224
 0.50000    4.488765   117.263003   0.379638
127.847998   16.218759   1359.605
 0.75000    4.488765   131.734448   0.379638
148.320491   18.185298   1427.641
 1.00000    4.488765   146.568304   0.379638
170.390905   20.463797   1478.471

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -11.707159  -224.307473   -5.034054
-314.445127  -31.115102  -702.300236
 0.25000  -11.707159  -207.939408   -5.034054
-290.477060  -26.227625  -703.081674
 0.50000  -11.707159  -191.812070   -5.034054
-267.741886  -21.479239  -703.950544
 0.75000  -11.707159  -176.478571   -5.034054
-246.301665  -16.856889  -704.762201
 1.00000  -11.707159  -162.508824   -5.034054
-226.119407  -12.447782  -705.606731

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   11.126322   181.002512    3.076032
155.077547   40.043431   2332.373
 0.25000   11.126322   205.002065    3.076032
155.077547   39.569578   2519.703
 0.50000   11.126322   231.985816    3.076032
155.077547   39.984764   2675.287
 0.75000   11.126322   260.916340    3.076032
155.077547   41.378246   2807.231
 1.00000   11.126322   290.578403    3.076032
155.077547   43.509945   2904.193
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1130

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -14.873557  -441.892566   -6.427909
-173.861218  -34.915042   -1368.288
 0.25000  -14.873557  -409.177798   -6.427909
-173.861218  -30.444262   -1370.481
 0.50000  -14.873557  -376.945610   -6.427909
-173.861218  -26.276782   -1372.768
 0.75000  -14.873557  -346.300076   -6.427909
-173.861218  -22.365027   -1375.088
 1.00000  -14.873557  -318.377512   -6.427909
-173.861218  -18.650956   -1377.394

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   14.600540   193.901260    4.091481
196.807163   49.622945   2901.506
 0.25000   14.600540   215.824903    4.091481
196.807163   47.652036   3137.071
 0.50000   14.600540   240.472890    4.091481
196.807163   46.559745   3347.775
 0.75000   14.600540   266.899162    4.091481
196.806812   46.402033   3539.384
 1.00000   14.600540   293.993660    4.091481
196.812114   47.010400   3698.475

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.615352  -496.970862   -7.237727
-501.586691  -45.332136   -1936.512
 0.25000  -16.615352  -467.088730   -7.237727
-500.661680  -39.609150   -1928.171
 0.50000  -16.615352  -437.645395   -7.237727
-499.725817  -34.164712   -1918.873
 0.75000  -16.615352  -409.652369   -7.237727
-498.785508  -28.991855   -1871.387
 1.00000  -16.615352  -384.144954   -7.237727
-497.853311  -24.091536   -1865.513

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   13.895639   186.601260    4.380421
429.127450   47.832510   3078.347
 0.25000   13.895639   205.138092    4.380421
429.127450   45.414320   3329.885
 0.50000   13.895639   225.979866    4.380421
429.127450   44.280034   3563.912
 0.75000   13.895639   248.325294    4.380421
429.127450   44.152102   3783.816
 1.00000   13.895639   271.235749    4.380421
429.127450   44.774770   3975.648

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -16.043318  -495.722430   -6.754759
-453.705588  -43.681718   -2118.213
 0.25000  -16.043318  -470.457819   -6.754759
-453.705588  -38.479966   -2111.252
 0.50000  -16.043318  -445.558545   -6.754759
-453.705588  -33.923630   -2104.342
 0.75000  -16.043318  -421.888474   -6.754759
-453.705588  -29.854620   -2063.955
 1.00000  -16.043318  -400.321576   -6.754759
-453.705588  -26.075022   -2059.075

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    3.695628   40.651664    1.437398
450.449352   8.931660   979.758349
 0.25000    3.695628   41.115751    1.437398
448.827963   8.222471   1066.863
 0.50000    3.695628   41.641035    1.437398
447.294036   8.174074   1156.678
 0.75000    3.695628   42.203863    1.437398
445.847476   8.493143   1248.667
 1.00000    3.695628   42.781247    1.437398
444.488874   9.434180   1342.477
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1131

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.603263  -127.193956   -2.023066
-75.891525  -16.151946  -784.737510
 0.25000   -6.603263  -126.557737   -2.023066
-77.095830  -14.632509  -782.800472
 0.50000   -6.603263  -125.930575   -2.023066
-78.405853  -13.965670  -781.150530
 0.75000   -6.603263  -125.334538   -2.023066
-79.824963  -13.902420  -779.761148
 1.00000   -6.603263  -124.793704   -2.023066
-81.354343  -14.185036  -778.348604

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.143065   105.622765    4.410002
733.391438   33.144078   1931.381
 0.25000   10.143065   109.636466    4.410002
721.143084   30.015242   2072.500
 0.50000   10.143065   114.591637    4.410002
709.550995   28.104769   2220.493
 0.75000   10.143065   119.686999    4.410002
698.623784   27.206696   2381.638
 1.00000   10.143065   124.914006    4.410002
688.366381   27.354034   2544.509

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -9.288571  -272.569238   -3.228358
-165.674504  -20.354528   -1382.372
 0.25000   -9.288571  -266.810022   -3.228358
-174.786514  -18.848251   -1380.131
 0.50000   -9.288571  -261.131712   -3.228358
-184.703904  -18.259704   -1377.907
 0.75000   -9.288571  -255.735097   -3.228358
-195.449837  -18.832032   -1375.707
 1.00000   -9.288571  -250.835461   -3.228358
-207.019774  -18.962842   -1373.491

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.832699   182.535203    4.075721
565.406832   42.016860   2802.794
 0.25000   12.832699   204.246515    4.075721
568.589463   40.430003   3047.040
 0.50000   12.832699   228.649652    4.075721
572.075136   40.311407   3261.852
 0.75000   12.832699   254.815809    4.075721
575.865743   41.425845   3450.333
 1.00000   12.832699   281.638996    4.075721
579.956989   43.681305   3605.067

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -15.667322  -483.679954   -5.730919
-167.896174  -33.597632   -1838.312
 0.25000  -15.667322  -454.093893   -5.730919
-162.838276  -30.356264   -1839.144
 0.50000  -15.667322  -424.942250   -5.730919
-158.013971  -28.098456   -1840.125
 0.75000  -15.667322  -397.226498   -5.730919
-153.433178  -26.448628   -1841.034
 1.00000  -15.667322  -371.965795   -5.730919
-149.104633  -25.342356   -1841.896

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.845330   188.029432    3.881208
530.287961   44.189274   3066.397
 0.25000   12.845330   205.875104    3.881208
532.334591   42.698128   3313.404
 0.50000   12.845330   225.934493    3.881208
534.583041   42.471409   3545.398
 0.75000   12.845330   247.441176    3.881208
537.031144   43.323495   3766.892
 1.00000   12.845330   269.491710    3.881208
539.675690   45.308478   3964.330
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1132

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -18.937505  -493.603971   -7.826147
-404.631345  -50.798320   -2110.989
 0.25000  -18.937505  -469.284363   -7.826147
-401.243197  -44.600513   -2105.354
 0.50000  -18.937505  -445.321851   -7.826147
-398.006138  -39.233958   -2087.736
 0.75000  -18.937505  -422.539644   -7.826147
-394.927718  -34.405585   -2082.809
 1.00000  -18.937505  -401.776602   -7.826147
-392.015960  -30.092999   -2075.491

 COMB      DB ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   12.258269   164.443068    5.038721
688.592881   41.022763   2850.442
 0.25000   12.258269   196.797318    5.038721
669.662909   37.714678   3035.024
 0.50000   12.258269   233.458366    5.038721
655.725035   35.723177   3206.384
 0.75000   12.258269   273.313874    5.038721
641.747365   35.951244   3379.652
 1.00000   12.258269   315.046832    5.038721
627.631867   37.764274   3550.632

 COMB      DB ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -13.342871  -487.133533   -6.160273
-722.191001  -36.994190   -1605.098
 0.25000  -13.342871  -448.929941   -6.160273
-706.977789  -31.929679   -1530.447
 0.50000  -13.342871  -412.045027   -6.160273
-695.715177  -26.927661   -1455.795
 0.75000  -13.342871  -377.611153   -6.160273
-684.443107  -22.067428   -1381.144
 1.00000  -13.342871  -349.376533   -6.160273
-673.091324  -17.348234   -1306.493

 COMB      DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.291787   193.901260    6.362543
733.391438   56.797776   3078.347
 0.25000   19.291787   215.824903    6.362543
721.143084   52.598297   3329.885
 0.50000   19.291787   240.472890    6.362543
709.550995   49.598007   3563.912
 0.75000   19.291787   266.899162    6.362543
698.623784   48.003976   3783.816
 1.00000   19.291787   293.993660    6.362543
688.366381   47.700358   3975.648

 COMB      DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -18.937505  -496.970862   -7.826147
-781.721508  -50.798320   -2118.213
 0.25000  -18.937505  -470.454119   -7.826147
-772.282905  -44.600513   -2111.252
 0.50000  -18.937505  -445.957950   -7.826147
-763.335509  -39.233958   -2104.342
 0.75000  -18.937505  -423.399359   -7.826147
-754.883143  -34.405585   -2082.809
 1.00000  -18.937505  -402.849831   -7.826147
-746.945081  -30.092999   -2075.491

 COMB      CAR ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.291787   193.901260    6.362543
733.391438   56.797776   3078.347
 0.25000   19.291787   215.824903    6.362543
721.143084   52.598297   3329.885
 0.50000   19.291787   240.472890    6.362543
709.550995   49.598007   3563.912
 0.75000   19.291787   273.313874    6.362543
698.623784   48.003976   3783.816
 1.00000   19.291787   315.046832    6.362543
688.366381   47.700358   3975.648
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                     Page
 <              MOVING          LOAD          >
                                1133

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -18.937505  -496.970862   -7.826147
-781.721508  -50.798320   -2118.213
 0.25000  -18.937505  -470.454119   -7.826147
-772.282905  -44.600513   -2111.252
 0.50000  -18.937505  -445.957950   -7.826147
-763.335509  -39.233958   -2104.342
 0.75000  -18.937505  -423.399359   -7.826147
-754.883143  -34.405585   -2082.809
 1.00000  -18.937505  -402.849831   -7.826147
-746.945081  -30.092999   -2075.491

 COMB      DESIGN ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   19.291787   193.901260    6.362543
733.391438   56.797776   3078.347
 0.25000   19.291787   215.824903    6.362543
721.143084   52.598297   3329.885
 0.50000   19.291787   240.472890    6.362543
709.550995   49.598007   3563.912
 0.75000   19.291787   273.313874    6.362543
698.623784   48.003976   3783.816
 1.00000   19.291787   315.046832    6.362543
688.366381   47.700358   3975.648

 COMB      DESIGN ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000  -18.937505  -496.970862   -7.826147
-781.721508  -50.798320   -2118.213
 0.25000  -18.937505  -470.454119   -7.826147
-772.282905  -44.600513   -2111.252
 0.50000  -18.937505  -445.957950   -7.826147
-763.335509  -39.233958   -2104.342
 0.75000  -18.937505  -423.399359   -7.826147
-754.883143  -34.405585   -2082.809
 1.00000  -18.937505  -402.849831   -7.826147
-746.945081  -30.092999   -2075.491

 ELEM      82 ================== LENGTH
=    4.958063

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    5.193186   24.683741    2.407781
68.471991   10.103971   1046.841
 0.25000    5.193186   25.208298    2.407781
69.713571    8.234710   1069.088
 0.50000    5.193186   25.800160    2.407781
70.959209    6.721247   1101.099
 0.75000    5.193186   26.441905    2.407781
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72.216530 5.393042 1142.136
1.00000 5.193186 27.115337 2.407781
73.922390 4.267345 1189.979

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.110532 -68.369974 -0.644977
-289.037222 -4.481552 -494.597754
0.25000 -5.110532 -67.693146 -0.644977
-287.328709 -4.347595 -465.575213
0.50000 -5.110532 -67.042868 -0.644977
-286.066437 -4.529646 -436.555003
0.75000 -5.110532 -66.438445 -0.644977
-284.813714 -5.891089 -407.547763
1.00000 -5.110532 -65.898224 -0.644977
-283.562301 -7.736236 -378.540523

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.980581 87.213023 3.123142
177.603999 23.179853 2177.100
0.25000 7.980581 92.471138 3.123142
188.814085 20.907732 2206.660
0.50000 7.980581 98.403950 3.123142
200.061883 19.278669 2254.775
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1134

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 7.980581 104.836527 3.123142
211.415960 18.254700 2331.494
1.00000 7.980581 111.584411 3.123142
226.818653 17.718385 2427.257

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.507459 -186.204804 -1.990197
-557.668367 -10.853055 -883.357825
0.25000 -9.507459 -179.422888 -1.990197
-542.238288 -9.673612 -832.397785
0.50000 -9.507459 -172.904717 -1.990197
-530.839238 -8.826813 -781.446345
0.75000 -9.507459 -166.845913 -1.990197
-519.522947 -8.610864 -730.494905
1.00000 -9.507459 -161.430689 -1.990197
-508.224848 -8.725224 -679.543465

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.802757 179.092539 4.481684
120.480174 40.290707 3243.886
0.25000 12.802757 209.577532 4.481684
118.311435 37.475308 3366.344
0.50000 12.802757 243.978825 4.481684
117.519250 35.843200 3457.951
0.75000 12.802757 281.263602 4.481684
117.519085 35.014254 3730.554
1.00000 12.802757 320.252883 4.481684
117.519085 36.014240 3570.956

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.812821 -421.414902 -3.604602
-397.325096 -13.976426 -1186.626
0.25000 -13.812821 -382.228942 -3.604602
-399.085283 -12.871822 -1118.977
0.50000 -13.812821 -344.444911 -3.604602
-400.791321 -11.974155 -1051.333
0.75000 -13.812821 -309.308294 -3.604602
-402.466596 -11.494839 -983.689506
1.00000 -13.812821 -277.907507 -3.604602
-404.846154 -11.067783 -916.045978

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.617436 182.866020 4.417125
281.773361 39.856031 3541.168
0.25000 12.617436 207.936345 4.417125
281.773361 37.243329 3640.829
0.50000 12.617436 236.225496 4.417125
281.773361 35.921219 3730.188
0.75000 12.617436 266.886339 4.417125
281.773361 35.797761 3819.681
1.00000 12.617436 298.949293 4.417125
281.773361 36.749276 3904.360

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.960133 -409.993913 -3.590302
-407.439008 -15.135464 -1306.392
0.25000 -12.960133 -377.769225 -3.590302
-407.506916 -14.059496 -1231.908
0.50000 -12.960133 -346.697866 -3.590302
-407.987803 -13.164757 -1157.428
0.75000 -12.960133 -317.804093 -3.590302
-408.474625 -12.636454 -1082.949
1.00000 -12.960133 -291.980700 -3.590302
-408.972528 -12.181773 -1008.470

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.929702 99.516795 1.302578
116.867078 19.332675 1426.803
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1135

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 4.929702 116.170972 1.302578
137.791952 19.392572 1476.366
0.50000 4.929702 134.962519 1.302578
158.798298 19.488869 1509.294
0.75000 4.929702 155.333991 1.302578
180.013374 20.194062 1534.213
1.00000 4.929702 176.676765 1.302578
208.768960 21.400545 1547.222

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.277771 -215.103358 -2.095992
-286.293818 -7.518929 -451.884650
0.25000 -6.277771 -193.652940 -2.095992
-257.472227 -6.145691 -426.591143
0.50000 -6.277771 -173.009713 -2.095992
-236.142550 -5.047247 -401.297636
0.75000 -6.277771 -153.818059 -2.095992
-214.982521 -4.481465 -376.004129
1.00000 -6.277771 -136.665194 -2.095992
-193.869687 -3.987782 -350.710622

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.239786 194.773046 3.114044
147.932658 39.355790 2774.235
0.25000 10.239786 228.060130 3.114044
147.932658 37.960475 2875.126
0.50000 10.239786 265.620337 3.114044
147.932658 37.772748 2940.690
0.75000 10.239786 306.329686 3.114044
147.932658 38.934390 2986.816
1.00000 10.239786 348.900811 3.114044
147.932658 41.191481 3007.377

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.101458 -423.228774 -3.914183
-155.901658 -11.901161 -872.071783
0.25000 -11.101458 -380.442911 -3.914183
-155.901658 -10.435260 -823.348829
0.50000 -11.101458 -339.188523 -3.914183
-155.901658 -9.201435 -774.625875
0.75000 -11.101458 -300.625564 -3.914183
-155.901658 -8.443919 -725.902921
1.00000 -11.101458 -266.538618 -3.914183
-155.901658 -7.754160 -677.179967

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.764808 197.335931 3.771539
186.903666 41.611987 3378.109
0.25000 11.764808 227.629930 3.771539
186.903666 39.319315 3485.687
0.50000 11.764808 261.810914 3.771539
186.903666 38.185852 3569.489
0.75000 11.764808 298.858240 3.771539
186.903666 38.320843 3642.356
1.00000 11.764808 337.600320 3.771539
186.903666 39.715774 3700.496

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.232842 -437.446881 -4.069562
-365.861499 -14.306756 -1177.575
0.25000 -12.232842 -398.509393 -4.069562
-365.332460 -13.112712 -1110.957
0.50000 -12.232842 -360.966090 -4.069562
-364.775449 -12.092524 -1044.340
0.75000 -12.232842 -326.054635 -4.069562
-364.287664 -11.413678 -977.721919
1.00000 -12.232842 -294.850743 -4.069562
-363.885197 -10.790800 -911.112998
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1136

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.207880 182.789132 3.484863
330.344640 36.723201 3550.557
0.25000 11.207880 208.320312 3.484863
330.344640 34.700070 3654.356
0.50000 11.207880 237.128977 3.484863
330.344640 33.975971 3745.329
0.75000 11.207880 268.353032 3.484863
330.344640 34.713106 3832.173
1.00000 11.207880 301.005068 3.484863
330.344640 35.745762 3913.602

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.722659 -411.711203 -3.730510
-344.922890 -15.755753 -1302.244
0.25000 -11.722659 -378.894462 -3.730510
-344.922890 -14.541042 -1228.060
0.50000 -11.722659 -347.252363 -3.730510
-344.922890 -13.477847 -1153.876
0.75000 -11.722659 -317.827988 -3.730510
-344.922890 -12.711481 -1079.693
1.00000 -11.722659 -291.529913 -3.730510
-344.922890 -12.010312 -1005.516

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.784554 25.824070 0.716838
280.979501 4.494040 1083.484
0.25000 3.784554 26.447570 0.716838
278.913688 4.701512 1106.304
0.50000 3.784554 27.154322 0.716838
277.394930 5.061004 1138.855
0.75000 3.784554 27.920020 0.716838
275.883559 5.551980 1180.767
1.00000 3.784554 28.717944 0.716838
274.370952 6.141903 1230.463

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.906566 -71.654382 -1.566817
-62.829571 -7.863322 -492.920055
0.25000 -3.906566 -70.852434 -1.566817
-64.333961 -7.660792 -463.891523
0.50000 -3.906566 -70.076414 -1.566817
-65.840742 -5.740747 -434.862991
0.75000 -3.906566 -69.354450 -1.566817
-67.359780 -5.286665 -405.834460
1.00000 -3.906566 -68.712084 -1.566817
-69.425120 -5.219438 -376.805928

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.266803 91.740222 1.975648
541.688697 17.805029 2203.141
0.25000 7.266803 98.412347 1.975648
522.563976 17.320279 2243.237
0.50000 7.266803 105.970694 1.975648
508.504518 17.495295 2293.759
0.75000 7.266803 114.159887 1.975648
494.518181 18.321475 2367.901
1.00000 7.266803 122.697768 1.975648
480.512826 19.650807 2459.148

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.966709 -197.314268 -2.700017
-176.116540 -10.303165 -867.724855
0.25000 -6.966709 -188.733312 -2.700017
-190.049038 -9.698139 -817.646474
0.50000 -6.966709 -180.433832 -2.700017
-203.999715 -9.119172 -767.568092
0.75000 -6.966709 -172.712959 -2.700017
-218.063713 -8.583927 -717.489711
1.00000 -6.966709 -165.839151 -2.700017
-237.188633 -8.091240 -667.411330
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1137

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.847701 180.856942 3.167931
368.793410 34.690679 3250.336
0.25000 11.847701 211.612622 3.167931
368.793410 33.752783 3373.278
0.50000 11.847701 246.313201 3.167931
368.793869 33.931693 3465.150
0.75000 11.847701 283.924074 3.167931
369.070721 35.291140 3532.692
1.00000 11.847701 323.255761 3.167931
370.329769 37.605085 3576.881

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.690888 -423.977358 -4.247191
-129.377958 -14.391659 -1168.398
0.25000 -11.690888 -384.447283 -4.247191
-128.056056 -13.388460 -1101.735
0.50000 -11.690888 -346.332929 -4.247191
-126.912170 -12.423386 -1035.071
0.75000 -11.690888 -310.890814 -4.247191
-125.842184 -11.516227 -968.407351
1.00000 -11.690888 -279.211419 -4.247191
-124.858820 -10.655375 -901.743725

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.537980 182.566347 3.158961
381.097280 36.145156 3540.984
0.25000 11.537980 207.752534 3.158961
381.097280 34.877175 3642.050
0.50000 11.537980 236.171627 3.158961
381.097280 34.704487 3731.935
0.75000 11.537980 266.973529 3.158961
381.097280 35.691794 3820.929
1.00000 11.537980 299.184173 3.158961
381.097280 37.677973 3904.914

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.723235 -410.306802 -4.599743
-294.771606 -17.561909 -1300.556
0.25000 -12.723235 -377.933682 -4.599743
-294.771606 -15.404321 -1226.310
0.50000 -12.723235 -346.719394 -4.599743
-294.771606 -13.784973 -1152.064
0.75000 -12.723235 -317.692925 -4.599743
-294.771606 -12.824866 -1077.818
1.00000 -12.723235 -291.750217 -4.599743
-294.771607 -11.936063 -1003.572

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.204588 48.571459 2.597091
106.922155 15.696338 1319.706
0.25000 13.204588 48.967447 2.597091
107.918750 13.571489 1362.176
0.50000 13.204588 49.410845 2.597091
108.994195 11.817931 1406.316
0.75000 13.204588 49.904658 2.597091
110.148437 10.457966 1452.212
1.00000 13.204588 50.367448 2.597091
111.381353 9.458261 1500.004

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.763880 -95.777343 -0.928054
-337.784638 -11.477209 -784.260648
0.25000 -5.763880 -95.269181 -0.928054
-336.488438 -11.181100 -783.269963
0.50000 -5.763880 -94.769222 -0.928054
-335.272480 -11.305087 -782.277736
0.75000 -5.763880 -94.295827 -0.928054
-334.133676 -12.364201 -781.272093
1.00000 -5.763880 -93.867612 -0.928054
-333.071378 -13.980433 -780.276806
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1138

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.200357 123.949654 3.180246
228.187654 31.751114 2544.376
0.25000 15.200357 127.296124 3.180246
235.416802 29.654514 2607.485
0.50000 15.200357 131.043164 3.180246
243.218388 28.067463 2678.854
0.75000 15.200357 135.042256 3.180246
251.590490 27.124724 2764.347
1.00000 15.200357 139.127414 3.180246
260.534536 26.983344 2856.628

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.752402 -217.298536 -3.035506
-594.405786 -22.945813 -1397.419
0.25000 -14.752402 -213.004439 -3.035506
-585.003024 -20.888025 -1397.297
0.50000 -14.752402 -208.777652 -3.035506
-576.174013 -19.158613 -1397.162
0.75000 -14.752402 -204.777640 -3.035506
-567.907317 -18.161328 -1397.012
1.00000 -14.752402 -201.159835 -3.035506
-560.196997 -18.572522 -1396.885

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.154628 212.900559 4.487992
200.617103 50.957922 3661.488
0.25000 19.154628 235.468186 4.487992
195.890365 48.488339 3808.134
0.50000 19.154628 260.739827 4.487992
191.471545 46.818588 3925.385
0.75000 19.154628 287.712448 4.487992
187.355757 46.161231 4015.421
1.00000 19.154628 315.265935 4.487992
183.538192 46.468411 4074.270

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.231691 -420.987538 -4.322049
-465.046315 -27.502821 -1895.011
0.25000 -18.231691 -392.026396 -4.322049
-468.973194 -25.611102 -1896.422
0.50000 -18.231691 -363.518875 -4.322049
-473.214555 -24.070857 -1897.781
0.75000 -18.231691 -336.549592 -4.322049
-477.771351 -23.058650 -1899.126
1.00000 -18.231691 -312.151650 -4.322049
-482.647066 -23.230754 -1900.528

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.690932 222.279883 4.879739
350.256618 52.794417 3972.755
0.25000 19.690932 240.857635 4.879739
347.062927 50.417735 4107.971
0.50000 19.690932 261.660184 4.879739
344.079465 48.827703 4227.395
0.75000 19.690932 283.862914 4.879739
341.302709 48.408902 4336.511
1.00000 19.690932 306.549283 4.879739
338.729431 48.936615 4425.328

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.828241 -421.109776 -4.297812
-471.984460 -27.506605 -2064.023
0.25000 -16.828241 -397.270150 -4.297812
-474.682158 -26.269066 -2065.654
0.50000 -16.828241 -373.803940 -4.297812
-477.592760 -25.336318 -2067.251
0.75000 -16.828241 -351.603937 -4.297812
-480.718282 -24.945161 -2068.836
1.00000 -16.828241 -331.519487 -4.297812
-484.065740 -25.631694 -2070.465
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1139

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.730706 104.264206 1.176978
116.216800 22.323820 1478.864
0.25000 4.730706 116.890184 1.176978
134.504665 22.271310 1537.749
0.50000 4.730706 131.024904 1.176978
154.249117 22.537220 1581.000
0.75000 4.730706 146.110629 1.176978
175.429054 23.277379 1612.106
1.00000 4.730706 161.521113 1.176978
198.040607 24.545263 1626.492

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.845254 -199.803757 -2.781966
-275.369327 -13.271084 -705.612772
0.25000 -11.845254 -183.605626 -2.781966
-251.480429 -11.347633 -706.957374
0.50000 -11.845254 -167.661537 -2.781966
-229.046631 -9.552411 -708.274810
0.75000 -11.845254 -152.576904 -2.781966
-208.070458 -8.114233 -709.595847
1.00000 -11.845254 -138.925484 -2.781966
-188.569659 -6.973732 -710.942340

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.556908 205.176994 3.270126
149.602151 45.936794 2904.183
0.25000 11.556908 230.457853 3.270126
149.602151 44.931515 3021.257
0.50000 11.556908 258.685599 3.270126
149.602151 44.618368 3106.525
0.75000 11.556908 288.846943 3.270126
149.602151 45.251794 3166.508
1.00000 11.556908 319.653378 3.270126
149.602151 46.743953 3192.261

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.255501 -394.253555 -4.233335
-159.160531 -19.443011 -1377.339
0.25000 -15.255501 -361.868400 -4.233335
-159.160531 -17.861788 -1380.284
0.50000 -15.255501 -329.992045 -4.233335
-159.160531 -16.450328 -1383.166
0.75000 -15.255501 -299.834286 -4.233335
-159.160531 -15.417780 -1386.060
1.00000 -15.255501 -272.542637 -4.233335
-159.160531 -14.689640 -1389.004

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.030004 225.347115 3.909435
220.488874 52.524403 3699.292
0.25000 15.030004 248.407345 3.909435
220.557794 50.641521 3836.085
0.50000 15.030004 274.225460 3.909435
220.664656 49.424911 3947.577
0.75000 15.030004 301.775959 3.909435
220.980152 49.138334 4039.321
1.00000 15.030004 329.914780 3.909435
221.521487 49.766945 4101.132

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.973511 -432.192034 -4.718001
-398.397336 -26.800107 -1865.436
0.25000 -16.973511 -402.611706 -4.718001
-397.449143 -24.729508 -1864.949
0.50000 -16.973511 -373.493364 -4.718001
-396.539858 -22.892716 -1867.324
0.75000 -16.973511 -345.946046 -4.718001
-395.674033 -21.358144 -1869.691
1.00000 -16.973511 -321.016380 -4.718001
-394.856301 -20.105249 -1872.109
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1140

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.307645 220.877864 3.915202
378.639468 48.947755 3975.556
0.25000 14.307645 240.376538 3.915202
378.639468 47.612978 4115.479
0.50000 14.307645 262.206969 3.915202
378.639468 46.956806 4237.313
0.75000 14.307645 285.503080 3.915202
378.639468 47.079491 4344.881
1.00000 14.307645 309.297408 3.915202
378.639468 47.946155 4428.252

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.386558 -423.608350 -4.528595
-393.318587 -27.589304 -2058.970
0.25000 -16.386558 -398.594628 -4.528595
-393.318587 -26.107230 -2058.317
0.50000 -16.386558 -373.973892 -4.528595
-393.318587 -24.857413 -2060.039
0.75000 -16.386558 -350.680571 -4.528595
-393.318587 -23.859933 -2061.767
1.00000 -16.386558 -329.600981 -4.528595
-393.318587 -23.098867 -2063.527

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.859138 49.575092 1.297319
323.509438 8.562158 1341.155
0.25000 3.859138 50.064085 1.297319
321.891979 8.792313 1383.487
0.50000 3.859138 50.614282 1.297319
320.373970 9.229555 1428.289
0.75000 3.859138 51.201302 1.297319
318.954795 9.880501 1475.054
1.00000 3.859138 51.800756 1.297319
317.634972 10.744777 1524.123

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.743342 -97.960170 -1.882730
-99.434238 -13.051524 -778.306829
0.25000 -6.743342 -97.329939 -1.882730
-100.689958 -12.266396 -776.906206
0.50000 -6.743342 -96.709571 -1.882730
-102.046674 -11.786640 -775.496304
0.75000 -6.743342 -96.122667 -1.882730

```
-103.499077  -11.819768 -774.079022
 1.00000     -6.743342   -95.594017     -1.882730
-105.052947  -12.286832  -772.750266

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    10.382147   125.693831     3.156699
564.560065    26.705744    2542.645
 0.25000    10.382147   130.123448     3.156699
552.339299    26.111690    2608.060
 0.50000    10.382147   135.104211     3.156699
540.871651    25.987968    2680.068
 0.75000    10.382147   140.418401     3.156699
530.149350    26.536875    2764.051
 1.00000    10.382147   145.845231     3.156699
520.174346    27.713545    2852.107

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -9.568670  -223.281913    -3.042120
-218.339752   -17.592785    -1373.389
 0.25000    -9.568670  -217.576849    -3.042120
-227.836528   -17.202050    -1371.080
 0.50000    -9.568670  -211.960558    -3.042120
-238.085271   -17.335599    -1364.879
 0.75000    -9.568670  -206.647357    -3.042120
-249.083872   -17.862046    -1364.902
 1.00000    -9.568670  -201.857968    -3.042120
-260.836589   -18.320464    -1364.918
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1141

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    13.316516   210.568387     3.896641
425.576673    44.266547    3603.558
 0.25000    13.316516   233.406888     3.896641
429.144648    43.624772    3748.973
 0.50000    13.316516   258.967575     3.896641
432.995331    43.711667    3864.737
 0.75000    13.316516   286.244314     3.896641
437.126567    44.740059    3952.907
 1.00000    13.316516   314.104446     3.896641
441.528052    46.528212    4008.779

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -16.140933  -417.907378    -4.650657
-201.155218   -24.498676    -1841.804
 0.25000   -16.140933  -388.618458    -4.650657
-196.171287   -23.386442    -1843.146
 0.50000   -16.140933  -359.792011    -4.650657
-191.473223   -22.827159    -1844.430
 0.75000   -16.140933  -332.518363    -4.650657
-187.064824   -22.513830    -1845.701
 1.00000   -16.140933  -307.827406    -4.650657
-182.951787   -22.514499    -1847.036

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    13.296334   221.167172     3.799865
443.778792    48.170977    3963.656
 0.25000    13.296334   239.933870     3.799865
446.117932    47.278174    4099.819
 0.50000    13.296334   260.950603     3.799865
448.644132    47.099007    4219.766
 0.75000    13.296334   283.372108     3.799865
451.353998    47.894118    4328.660
 1.00000    13.296334   306.272433     3.799865
454.237890    49.493579    4416.329

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -19.306202  -420.911577    -5.393071
-370.866924   -30.788914    -2075.400
 0.25000   -19.306202  -396.836784    -5.393071
-367.537870   -28.232699    -2070.848
 0.50000   -19.306202  -373.140362    -5.393071
-364.395946   -26.279540    -2066.252
 0.75000   -19.306202  -350.721419    -5.393071
-361.446377   -24.983041    -2056.469
 1.00000   -19.306202  -330.427698    -5.393071
-358.691586   -24.095995    -2057.899

 COMB      DB ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    12.802757   197.335931     4.481684
541.688697    41.611987    3550.557
 0.25000    12.802757   228.060130     4.481684
522.563976    39.319315    3654.356
 0.50000    12.802757   265.620337     4.481684
508.504518    38.185852    3745.329
 0.75000    12.802757   306.379686     4.481684
494.518181    38.934390    3832.173
 1.00000    12.802757   348.900811     4.481684
480.512826    41.191481    3913.602

 COMB      DB ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -13.812821  -437.446881    -4.599743
-557.668367   -17.561909    -1306.392
 0.25000   -13.812821  -398.509393    -4.599743
-542.238288   -15.404321    -1231.908
 0.50000   -13.812821  -360.966090    -4.599743
-530.839238   -13.784973    -1157.428
 0.75000   -13.812821  -326.054635    -4.599743
-519.522947   -12.824866    -1082.949
 1.00000   -13.812821  -294.850743    -4.599743
-508.224848   -12.181773    -1008.470
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1142

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    19.690932   225.347115     4.879739
564.560065    52.794417    3975.556
 0.25000    19.690932   248.407345     4.879739
552.339299    50.641521    4115.479
 0.50000    19.690932   274.225460     4.879739
540.871651    49.424911    4237.313
 0.75000    19.690932   301.775959     4.879739
530.149350    49.138334    4344.881
 1.00000    19.690932   329.914780     4.879739
520.174346    49.766945    4428.252

 COMB      DL ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -19.306202  -432.192034    -5.393071
-594.405786   -30.788914    -2075.400
 0.25000   -19.306202  -402.611706    -5.393071
-585.003024   -28.232699    -2070.848
 0.50000   -19.306202  -373.973892    -5.393071
-576.174013   -26.279540    -2067.251
 0.75000   -19.306202  -351.603937    -5.393071
-567.907317   -24.983041    -2068.836
 1.00000   -19.306202  -331.519487    -5.393071
-560.196997   -25.631694    -2070.465

 COMB      CAR ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    19.690932   225.347115     4.879739
564.560065    52.794417    3975.556
 0.25000    19.690932   248.407345     4.879739
552.339299    50.641521    4115.479
 0.50000    19.690932   274.225460     4.879739
540.871651    49.424911    4237.313
 0.75000    19.690932   306.329686     4.879739
530.149350    49.138334    4344.881
 1.00000    19.690932   348.900811     4.879739
520.174346    49.766945    4428.252

 COMB      CAR ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -19.306202  -437.446881    -5.393071
-594.405786   -30.788914    -2075.400
 0.25000   -19.306202  -402.611706    -5.393071
-585.003024   -28.232699    -2070.848
 0.50000   -19.306202  -373.973892    -5.393071
-576.174013   -26.279540    -2067.251
 0.75000   -19.306202  -351.603937    -5.393071
-567.907317   -24.983041    -2068.836
 1.00000   -19.306202  -331.519487    -5.393071
-560.196997   -25.631694    -2070.465

 COMB      DESIGN ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    19.690932   225.347115     4.879739
564.560065    52.794417    3975.556
 0.25000    19.690932   248.407345     4.879739
552.339299    50.641521    4115.479
 0.50000    19.690932   274.225460     4.879739
540.871651    49.424911    4237.313
 0.75000    19.690932   306.329686     4.879739
530.149350    49.138334    4344.881
 1.00000    19.690932   348.900811     4.879739
520.174346    49.766945    4428.252

 COMB      DESIGN ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -19.306202  -437.446881    -5.393071
-594.405786   -30.788914    -2075.400
 0.25000   -19.306202  -402.611706    -5.393071
-585.003024   -28.232699    -2070.848
 0.50000   -19.306202  -373.973892    -5.393071
-576.174013   -26.279540    -2067.251
 0.75000   -19.306202  -351.603937    -5.393071
-567.907317   -24.983041    -2068.836
 1.00000   -19.306202  -331.519487    -5.393071
-560.196997   -25.631694    -2070.465
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1143

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      83 ================== LENGTH =     4.957000

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000     5.379342    44.671281     1.936276
162.524907    6.913763    1190.173
 0.25000     5.379342    45.208048     1.936276
163.774458    5.498296    1177.567
 0.50000     5.379342    45.811451     1.936276
165.025451    4.777335    1172.246
 0.75000     5.379342    46.463489     1.936276
166.285903    5.044288    1177.581
 1.00000     5.379342    47.145218     1.936276
167.991954    5.529016    1190.197

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -5.304088   -47.159377    -1.126790
-166.084737   -5.930423  -378.286734
 0.25000    -5.304088   -46.477580    -1.126790
-164.378732   -5.667892  -349.733324
 0.50000    -5.304088   -45.825548    -1.126790
-163.118567   -5.879512  -321.181493
 0.75000    -5.304088   -45.222154    -1.126790
-161.867541   -6.133629  -292.629662
 1.00000    -5.304088   -44.685401    -1.126790
-160.618138   -8.069809  -378.122552

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000     8.305316   123.355473     3.091765
333.547985   21.430556    2427.614
 0.25000     8.305316   128.736142     3.091765
344.831826   19.112872    2395.270
 0.50000     8.305316   134.784805     3.091765
356.129776   17.858158    2379.147
 0.75000     8.305316   141.320697     3.091765
367.514407   18.252252    2395.297
 1.00000     8.305316   148.151844     3.091765
382.920195   19.162050    2427.665

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -9.732672  -148.178962    -1.912844
-380.168360   -8.381734  -679.190508
 0.25000    -9.732672  -141.347838    -1.912844
-364.763000   -8.029377  -628.304594
 0.50000    -9.732672  -134.812000    -1.912844
-353.379471   -7.678819  -577.440459
 0.75000    -9.732672  -128.763432    -1.912844
-342.082812   -7.331683  -628.115504
 1.00000    -9.732672  -123.382900    -1.912844
-330.800380   -8.552271  -679.047132

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    13.365368   226.505193     4.560524
254.594152   39.530002    3571.232
 0.25000    13.365368   257.709615     4.560524
252.296261   36.500383    3617.147
 0.50000    13.365368   292.791523     4.560524
250.739111   35.027048    3617.871
 0.75000    13.365368   330.683023     4.560524
249.139364   35.703174    3611.636
 1.00000    13.365368   370.159727     4.560524
247.471851   37.431460    3571.270

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -14.304906  -370.180294    -3.490711
-245.082948   -10.871024  -915.745253
 0.25000   -14.304906  -330.701764    -3.490711
-246.746445   -10.386474  -847.488610
 0.50000   -14.304906  -292.812663    -3.490711
-248.342891   -9.903130  -779.269670
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1144

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P           V2           V3
        T           M2           M3
 0.75000   -14.304906  -257.731400    -3.490711
-249.897487   -9.421820  -847.333294
 1.00000   -14.304906  -226.527870    -3.490711
-252.194250   -10.134210  -915.629776

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    13.064231   235.312487     4.328836
334.993293   39.219519    3904.437
 0.25000    13.064231   260.974353     4.328836
334.924666   36.632102    3914.790
 0.50000    13.064231   289.823087     4.328836
334.924666   35.498460    3909.147
 0.75000    13.064231   320.982766     4.328836
334.924666   36.321385    3914.778
 1.00000    13.064231   353.446473     4.328836
334.924666   38.179416    3904.414

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -13.441363  -353.441698    -3.494050
-333.823073   -11.856886    -1008.336
 0.25000   -13.441363  -320.978133    -3.494050
-333.823073   -11.331422  -933.178010
 0.50000   -13.441363  -289.818782    -3.494050
-333.823073   -10.809682  -858.050963
 0.75000   -13.441363  -260.970576    -3.494050
-333.823073   -10.477214  -933.018177
 1.00000   -13.441363  -235.309443    -3.494050
-333.823073   -11.422033    -1008.190

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000     5.182589   117.004892     1.901646
155.338211   22.128669    1547.467
 0.25000     5.182589   134.049182     1.901646
176.424125   20.985487    1566.746
 0.50000     5.182589   153.209609     1.901646
197.552818   20.427698    1568.072
 0.75000     5.182589   173.909994     1.901646
218.848576   20.58933     1566.756
 1.00000     5.182589   195.517500     1.901646
247.631638   21.341537    1547.488

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -6.437057  -195.526672    -1.618114
-247.008606   -3.889659  -350.644770
 0.25000    -6.437057  -173.919250    -1.618114
-218.226537   -3.681579  -324.713051
 0.50000    -6.437057  -153.219053    -1.618114
-196.933454   -3.473660  -298.807064
 0.75000    -6.437057  -134.059842    -1.618114
-175.807913   -3.268697  -324.746569
 1.00000    -6.437057  -117.015113    -1.618114
-154.725540   -3.067672  -350.686199

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    10.657363   228.506170     3.575818
149.292837   41.813032    3007.412
 0.25000    10.657363   262.578636     3.575818
149.292837   39.813203    3049.659
 0.50000    10.657363   300.881777     3.575818
149.292837   38.985664    3054.035
 0.75000    10.657363   342.253410     3.575818
149.292837   39.562281    3049.655
 1.00000    10.657363   385.356602     3.575818
149.292837   41.314688    3007.408

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -11.504257  -385.354462    -3.421798
-149.280010   -7.508333  -677.177128
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1145

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P           V2           V3
        T           M2           M3
 0.25000   -11.504257  -342.251459    -3.421798
-149.280010   -7.135035  -627.137429
 0.50000   -11.504257  -300.880260    -3.421798
-149.280010   -6.763135  -577.130756
 0.75000   -11.504257  -262.577820    -3.421798
-149.280010   -6.420503  -627.168754
 1.00000   -11.504257  -228.506328    -3.421798
-149.280010   -6.231412  -677.208852

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    12.223217   243.838045     3.976266
270.443673   42.158602    3700.668
 0.25000    12.223217   274.846700     3.976266
270.863222   39.544892    3728.118
 0.50000    12.223217   309.703668     3.976266
271.349972   38.321691    3727.650
 0.75000    12.223217   347.353612     3.976266
271.891890   38.965365    3728.127
 1.00000    12.223217   386.579811     3.976266
272.439985   40.690936    3700.688

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -12.689008  -386.591396    -3.370274
-270.910985   -10.537332  -910.135232
 0.25000   -12.689008  -347.365369    -3.370274
-270.368061   -10.046895  -843.266348
 0.50000   -12.689008  -309.715819    -3.370274
-269.828801   -9.558132  -775.626920
 0.75000   -12.689008  -274.859488    -3.370274
-269.345458   -9.095647  -843.194170
 1.00000   -12.689008  -243.851717    -3.370274
-268.930026   -8.771753  -910.886507

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    11.668812   234.982323     3.626954
330.551069   36.996552    3913.561
 0.25000    11.668812   261.116091     3.626954
330.551069   34.827706    3927.940
 0.50000    11.668812   290.494586     3.626954
330.551069   33.855558    3923.852
 0.75000    11.668812   322.226613     3.626954
330.551069   34.803158    3927.506
 1.00000    11.668812   355.286744     3.626954
330.551069   36.670191    3913.496

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -12.173362  -355.265608    -3.246896
-330.363545   -11.608443    -1005.524
 0.25000   -12.173362  -322.205622    -3.246896
-330.363545   -11.062545  -930.606702
 0.50000   -12.173362  -290.473928    -3.246896
-330.363545   -10.519321  -855.715227
 0.75000   -12.173362  -261.095971    -3.246896
-330.363545   -10.313265  -930.500990
 1.00000   -12.173362  -234.963149    -3.246896
-330.363545   -10.473825    -1005.407

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000     3.965718    46.919866     0.909512
166.222094    4.739305    1230.161
 0.25000     3.965718    47.558282     0.909512
164.159858    4.473192    1216.655
 0.50000     3.965718    48.279211     0.909512
162.642495    4.443847    1211.237
 0.75000     3.965718    49.057543     0.909512
161.133943    5.163817    1216.580
 1.00000     3.965718    49.865581     0.909512
159.624100    6.155992    1230.011
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1146

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -4.086864   -49.810806    -1.536402
-161.201445    -6.298303   -377.072078
 0.25000    -4.086864   -49.027273    -1.536402
-162.711152    -5.235066   -348.566318
 0.50000    -4.086864   -48.224452    -1.536402
-164.219946    -4.591554   -320.060629
 0.75000    -4.086864   -47.503538    -1.536402
-165.737141    -4.438082   -348.484590
 1.00000    -4.086864   -46.865142    -1.536402
-167.799393    -4.953070   -376.935761

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000     7.505394   127.740625     1.874339
383.063344   17.933684    2458.642
 0.25000     7.505394   134.572068     1.874339
363.969501   17.141525    2431.187
 0.50000     7.505394   142.281751     1.874339
349.927089   16.954352    2417.162
 0.75000     7.505394   150.605801     1.874339
335.959541   18.094236    2421.094
 1.00000     7.505394   159.251705     1.874339
321.982322   19.868573    2458.454

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -7.290522  -159.180814    -2.709616
-324.179692   -7.797452  -667.767323
 0.25000    -7.290522  -150.534956    -2.709616
-338.157782   -7.255781  -617.734814
 0.50000    -7.290522  -142.211011    -2.709616
-352.123826   -6.890843  -567.703865
 0.75000    -7.290522  -134.501289    -2.709616
-366.167121   -7.179958  -617.636165
 1.00000    -7.290522  -127.670262    -2.709616
-385.261088   -8.169804  -667.601207

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    12.346076   227.998130     3.469848
239.687790   36.484913    3576.601
 0.25000    12.346076   259.479283     3.469848
240.687497   34.772259    3617.214
 0.50000    12.346076   294.866048     3.469848
241.755587   34.174883    3623.862
 0.75000    12.346076   333.088627     3.469848
242.883445   35.423677    3617.133
 1.00000    12.346076   372.911753     3.469848
244.223450   37.807704    3576.440

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -12.239227  -372.851069    -4.078187
-245.920386   -10.139822  -902.039144
 0.25000   -12.239227  -333.028116    -4.078187
-244.581583    -9.630354  -834.786562
 0.50000   -12.239227  -294.805936    -4.078187
-243.456456    -9.123356  -767.561278
 0.75000   -12.239227  -259.419817    -4.078187
-242.391861    -9.203237  -834.727245
 1.00000   -12.239227  -227.939560    -4.078187
-241.396370    -9.818863  -901.922454

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    12.022067   235.053075     3.513827
329.938662   37.776622    3698.196
 0.25000    12.022067   260.833493     3.513827
329.938662   35.768528    3915.763
 0.50000    12.022067   289.814694     3.513827
329.938662   34.914164    3910.752
 0.75000    12.022067   321.117685     3.513827
329.938662   35.825494    3915.707
 1.00000    12.022067   353.720894     3.513827
329.938662   37.874049    3904.655
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   1147

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000   -13.146848  -353.692341    -3.801532
-330.517400   -11.465892    -1003.700
 0.25000   -13.146848  -321.079275    -3.801532
-330.517400   -10.900962  -928.847615
 0.50000   -13.146848  -289.776612    -3.801532
-330.517400   -10.338154  -854.020611
 0.75000   -13.146848  -260.795941    -3.801532
-330.517400   -10.264906  -928.764607
 1.00000   -13.146848  -235.016259    -3.801532
-330.517400   -10.638110    -1003.584

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    13.323820    68.915154     1.765915
203.430999   12.194136    1500.311
 0.25000    13.323820    69.329338     1.765915
204.461418   10.854632    1498.215
 0.50000    13.323820    69.789972     1.765915
205.567849    9.972208    1497.383
 0.75000    13.323820    70.279251     1.765915
206.753034    9.715847    1498.233
 1.00000    13.323820    70.777657     1.765915
208.014048    9.731371    1500.360

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    -5.952549   -70.754533    -1.466525
-207.218364   -11.034376   -780.146671
 0.25000    -5.952549   -70.256343    -1.466525
-205.955523   -13.767493   -780.196356
 0.50000    -5.952549   -69.767016    -1.466525
-204.772229   -13.060205   -780.258818
 0.75000    -5.952549   -69.306415    -1.466525
-203.664914   -13.212370   -780.309026
 1.00000    -5.952549   -68.892000    -1.466525
-202.637327   -13.778773   -780.360121

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P           V2           V3
        T           M2           M3
 0.00000    15.466283   158.750182     2.928965
377.505388   31.262916    2857.024
 0.25000    15.466283   162.249956     2.928965
384.967145   29.168211    2843.084
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 0.50000     15.466283     166.142764       2.928965
393.000935     27.702203      2836.172
 0.75000     15.466283     170.277669       2.928965
401.599098     27.161779      2843.181
 1.00000     15.466283     174.490164       2.928965
410.767770     27.061738      2857.252

 COMB DL-G1-2 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -14.982084    -174.512557     -2.448475
-409.777538    -20.321889     -1396.707
 0.25000    -14.982084    -170.302035     -2.448475
-400.616699    -18.919936     -1396.744
 0.50000    -14.982084    -166.166991     -2.448475
-392.026130    -17.916987     -1396.803
 0.75000    -14.982084    -162.274215     -2.448475
-383.992222    -17.665508     -1396.843
 1.00000    -14.982084    -158.772339     -2.448475
-376.530100    -17.887791     -1396.891

 COMB DL-G1-3 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     19.659184     257.306895      4.277712
327.407172     50.517359      4074.633
 0.25000     19.659184     280.911129      4.277712
322.631454     47.982238      4119.658
 0.50000     19.659184     307.169009      4.277712
318.164833     46.369407      4133.566
 0.75000     19.659184     335.058521      4.277712
314.004688     46.042158      4119.780
 1.00000     19.659184     363.466096      4.277712
310.145109     46.471223      4074.885
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1148

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -18.710555    -363.480283     -3.827541
-309.319810    -24.720868     -1900.363
 0.25000    -18.710555    -335.078403     -3.827541
-313.178309    -23.408033     -1900.408
 0.50000    -18.710555    -307.190928     -3.827541
-317.335681    -22.368243     -1900.490
 0.75000    -18.710555    -280.931171     -3.827541
-321.800146    -21.974676     -1900.526
 1.00000    -18.710555    -257.321387     -3.827541
-326.572051    -22.130107     -1900.563

 COMB DL-G1-4 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     20.111299     271.325636      4.227153
402.129454     51.566328      4425.452
 0.25000     20.111299     290.756713      4.227153
398.876983     49.507453      4448.950
 0.50000     20.111299     312.371050      4.227153
395.838039     48.284564      4454.811
 0.75000     20.111299     335.328544      4.227153
393.009121     47.398406      4449.006
 1.00000     20.111299     358.712445      4.227153
390.386700     49.150655      4425.565

 COMB DL-G1-4 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -17.279234    -358.705221     -3.894363
-389.943394    -26.121791     -2070.363
 0.25000    -17.279234    -335.326007     -3.894363
-392.562888    -25.150235     -2070.384
 0.50000    -17.279234    -312.370183     -3.894363
-395.389767    -24.420006     -2070.435
 0.75000    -17.279234    -290.754297     -3.894363
-398.426228    -24.305119     -2070.454
 1.00000    -17.279234    -271.318645     -3.894363
-401.677133    -24.755079     -2070.482

 COMB DL-G2-1 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     4.981545     119.639886      1.719669
151.148414     25.718308      1626.614
 0.25000     4.981545     132.844854      1.719669
170.062775     24.846513      1649.199
 0.50000     4.981545     147.529556      1.719669
190.424943     24.269915      1655.694
 0.75000     4.981545     163.128205      1.719669
212.207038     24.116871      1649.278
 1.00000     4.981545     179.016451      1.719669
235.431334     24.260399      1626.795

 COMB DL-G2-1 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.995414    -179.060412     -1.566479
-235.289324     -7.549621     -710.906574
 0.25000    -11.995414    -163.173920     -1.566479
-212.120125     -7.776362     -710.911311
 0.50000    -11.995414    -147.575280     -1.566479
-190.348891     -6.928747     -710.904506
 0.75000    -11.995414    -132.890316     -1.566479
-169.996302     -6.623831     -710.879745
 1.00000    -11.995414    -119.683333     -1.566479
-151.038068     -6.324227     -710.874334

 COMB DL-G2-2 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     11.998123     235.061967      3.365327
150.589677     47.731341      3192.293
 0.25000     11.998123     261.463599      3.365327
150.589677     46.329884      3238.590
 0.50000     11.998123     290.826194      3.365327
150.589677     45.586806      3252.035
 0.75000     11.998123     322.012110      3.365327
150.589677     45.722425      3238.671
 1.00000     11.998123     353.778715      3.365327
150.589677     46.517738      3192.459
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1149

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -15.650609    -353.797006     -3.253413
-150.679658    -14.920575     -1388.978
 0.25000    -15.650609    -322.037599     -3.253413
-150.679658    -14.507792     -1388.978
 0.50000    -15.650609    -290.853073     -3.253413
-150.679658    -14.160329     -1389.000
 0.75000    -15.650609    -261.489199     -3.253413
-150.679658    -13.865863     -1388.990
 1.00000    -15.650609    -235.080467     -3.253413
-150.679658    -13.690290     -1388.986

 COMB DL-G2-3 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    15.476151     268.228477      3.832926
298.180946     53.172092      4101.354
 0.25000    15.476151     292.345557      3.832926
298.829397     51.041782      4138.810
 0.50000    15.476151     319.166394      3.832926
299.521210     49.642979      4149.632
 0.75000    15.476151     347.652782      3.832926
300.252109     49.290719      4138.948
 1.00000    15.476151     376.670441      3.832926
301.017469     49.539748      4101.588

 COMB DL-G2-3 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -17.381676    -376.695272     -3.520341
-300.537160    -21.981394     -1871.996
 0.25000    -17.381676    -347.682778     -3.520341
-299.775794    -21.032730     -1872.012
 0.50000    -17.381676    -319.199926     -3.520341
-299.049275    -20.147613     -1872.050
 0.75000    -17.381676    -292.375640     -3.520341
-298.361938    -19.316867     -1872.064
 1.00000    -17.381676    -268.253470     -3.520341
-297.718298    -18.602072     -1872.090

 COMB DL-G2-4 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     14.736936     269.809283      3.733785
370.859309     49.625062      4428.216
 0.25000     14.736936     290.201439      3.733785
370.859309     48.093541      4455.844
 0.50000     14.736936     312.880591      3.733785
370.859309     47.200880      4463.755
 0.75000     14.736936     336.968043      3.733785
370.859309     47.330547      4455.914
 1.00000     14.736936     361.504010      3.733785
370.859309     47.979294      4428.306

 COMB DL-G2-4 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -16.776572    -361.514633     -3.530851
-370.877326    -23.572113     -2063.489
 0.25000    -16.776572    -336.984226     -3.530851
-370.877326    -23.005947     -2063.465
 0.50000    -16.776572    -312.897847     -3.530851
-370.877326    -22.494110     -2063.467
 0.75000    -16.776572    -290.217708     -3.530851
-370.877326    -22.142573     -2063.445
 1.00000    -16.776572    -269.820068     -3.530851
-370.877326    -21.980847     -2063.441

 COMB DL-G3-1 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     4.029968     70.286051      1.390884
200.808591     9.182497      1523.755
 0.25000     4.029968     70.797474      1.390884
199.226166     9.135799      1520.851
 0.50000     4.029968     71.368955      1.390884
197.741887     9.321616      1519.605
 0.75000     4.029968     71.975981      1.390884
196.357153     9.959601      1520.767
 1.00000     4.029968     72.594266      1.390884
195.070379     10.845571     1523.562
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1150

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -6.893701    -72.588395     -1.595109
-195.711470    -11.388034    -772.853055
 0.25000    -6.893701    -71.157026     -1.595109
-196.998472    -10.896414    -772.780752
 0.50000    -6.893701    -71.363130     -1.595109
-198.383891    -10.800661    -772.724326
 0.75000    -6.893701    -70.791542     -1.595109
-199.868389    -11.236429    -772.658007
 1.00000    -6.893701    -70.280225     -1.595109
-201.451492    -12.073007    -772.594330

 COMB DL-G3-2 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     10.626804     159.963640      2.547177
397.775459     25.693320      2851.595
 0.25000     10.626804     164.598272      2.547177
385.806692     25.404694      2840.360
 0.50000     10.626804     169.771721      2.547177
374.587038     25.583487      2834.499
 0.75000     10.626804     175.266972      2.547177
364.115855     26.174239      2834.539
 1.00000     10.626804     180.862986      2.547177
354.397678     27.958797      2851.341

 COMB DL-G3-2 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.856662    -180.833638     -2.825371
-355.187923    -17.549863     -1365.042
 0.25000    -9.856662    -175.235645     -2.825371
-364.913233    -17.128659     -1364.959
 0.50000    -9.856662    -169.741579     -2.825371
-375.391269    -17.110832     -1364.890
 0.75000    -9.856662    -164.567122     -2.825371
-386.607843    -17.690873     -1364.843
 1.00000    -9.856662    -159.934643     -2.825371
-398.578865    -18.730933     -1364.797

 COMB DL-G3-3 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     13.814327     254.027517      3.866561
290.737414     45.338380      4008.397
 0.25000     13.814327     277.910930      3.866561
294.591512     44.349896      4053.808
 0.50000     13.814327     304.465059      3.866561
298.736289     44.099625      4067.912
 0.75000     13.814327     332.668409      3.866561
303.164668     44.956384      4053.767
 1.00000     13.814327     361.397774      3.866561
307.874947     46.566403      4008.283

 COMB DL-G3-3 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -16.631801    -361.387999     -4.031237
-308.574419    -21.498768     -1847.129
 0.25000    -16.631801    -332.663819     -4.031237
-303.069147    -21.122208     -1847.063
 0.50000    -16.631801    -304.463956     -4.031237
-299.445661    -20.736327     -1847.018
 0.75000    -16.631801    -277.906375     -4.031237
-295.307493    -21.106179     -1846.964
 1.00000    -16.631801    -254.017799     -4.031237
-291.459855    -21.854099     -1846.900

 COMB DL-G3-4 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     13.763881     270.207740      3.918094
386.218851     50.143732      4416.150
 0.25000     13.763881     289.838795      3.918094
388.777984     48.690997      4440.351
 0.50000     13.763881     311.666351      3.918094
391.527314     47.901230      4446.640
 0.75000     13.763881     334.849528      3.918094
394.466092     48.208775      4440.379
 1.00000     13.763881     358.465085      3.918094
397.587860     49.216866      4416.200
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1151

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -19.696134    -358.485419     -3.947858
-397.895551    -24.340958     -2057.918
 0.25000    -19.696134    -334.874111     -3.947858
-394.778177    -23.434949     -2057.865
 0.50000    -19.696134    -311.693804     -3.947858
-391.844688    -22.882113     -2057.830
 0.75000    -19.696134    -289.863416     -3.947858
-389.099012    -22.794520     -2057.792
 1.00000    -19.696134    -270.228141     -3.947858
-386.544289    -23.037994     -2057.744

 COMB     DB -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     13.365368     243.838045      4.560524
383.063344     42.158602      3913.561
 0.25000     13.365368     274.846700      4.560524
363.969501     39.813203      3927.940
 0.50000     13.365368     309.703668      4.560524
356.129776     38.985664      3923.852
 0.75000     13.365368     347.353612      4.560524
367.514407     39.562281      3927.906
 1.00000     13.365368     386.579811      4.560524
382.920195     41.314688      3913.496

 COMB     DB -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -14.304906    -386.591396     -4.078187
-380.168360    -11.856886     -1008.336
 0.25000    -14.304906    -347.365369     -4.078187
-364.763000    -11.331422     -933.178010
 0.50000    -14.304906    -309.715819     -4.078187
-353.379471    -10.809682     -858.050963
 0.75000    -14.304906    -274.859488     -4.078187
-366.167121    -10.477214     -933.018177
 1.00000    -14.304906    -243.851717     -4.078187
-385.261088    -11.422033     -1008.190

 COMB     DL -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     20.111299     271.325636      4.277712
402.129454     53.172092      4428.216
 0.25000     20.111299     292.345557      4.277712
398.876983     51.041782      4455.844
 0.50000     20.111299     319.166394      4.277712
395.838039     49.642979      4463.755
 0.75000     20.111299     347.652782      4.277712
401.599098     49.290719      4455.914
 1.00000     20.111299     376.670441      4.277712
410.767770     49.539748      4428.306

 COMB     DL -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -19.696134    -376.695272     -4.031237
-409.777538    -26.121791     -2070.363
 0.25000    -19.696134    -347.682778     -4.031237
-400.616699    -25.150235     -2070.384
 0.50000    -19.696134    -319.199926     -4.031237
-395.389767    -24.420006     -2070.435
 0.75000    -19.696134    -292.375640     -4.031237
-398.426228    -24.305119     -2070.454
 1.00000    -19.696134    -271.318645     -4.031237
-401.677133    -24.755079     -2070.482

 COMB     CAR -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     20.111299     271.325636      4.560524
402.129454     53.172092      4428.216
 0.25000     20.111299     292.345557      4.560524
398.876983     51.041782      4455.844
 0.50000     20.111299     319.166394      4.560524
395.838039     49.642979      4463.755
 0.75000     20.111299     347.652782      4.560524
401.599098     49.290719      4455.914
 1.00000     20.111299     386.579811      4.560524
410.767770     49.539748      4428.306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1152

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -19.696134    -386.591396     -4.078187
-409.777538    -26.121791     -2070.363
 0.25000    -19.696134    -347.682778     -4.078187
-400.616699    -25.150235     -2070.384
 0.50000    -19.696134    -319.199926     -4.078187
-395.389767    -24.420006     -2070.435
 0.75000    -19.696134    -292.375640     -4.078187
-398.426228    -24.305119     -2070.454
 1.00000    -19.696134    -271.318645     -4.078187
-401.677133    -24.755079     -2070.482

 COMB  DESIGN -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     20.111299     271.325636      4.560524
402.129454     53.172092      4428.216
 0.25000     20.111299     292.345557      4.560524
398.876983     51.041782      4455.844
 0.50000     20.111299     319.166394      4.560524
395.838039     49.642979      4463.755
 0.75000     20.111299     347.652782      4.560524
401.599098     49.290719      4455.914
 1.00000     20.111299     386.579811      4.560524
410.767770     49.539748      4428.306

 COMB  DESIGN -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -19.696134    -386.591396     -4.078187
-409.777538    -26.121791     -2070.363
 0.25000    -19.696134    -347.682778     -4.078187
-400.616699    -25.150235     -2070.384
 0.50000    -19.696134    -319.199926     -4.078187
-395.389767    -24.420006     -2070.435
 0.75000    -19.696134    -292.375640     -4.078187
-398.426228    -24.305119     -2070.454
 1.00000    -19.696134    -271.318645     -4.078187
-401.677133    -24.755079     -2070.482

 ELEM      84 ================== LENGTH
=     4.958063

 COMB DB-G1-1 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     5.570235     65.882525      1.396973
285.530420     5.760649      1189.791
 0.25000     5.570235     66.422742      1.396973
286.781575     5.985187      1141.961
 0.50000     5.570235     67.027156      1.396973
288.034219     6.343232      1100.926
 0.75000     5.570235     67.677421      1.396973
289.296298     6.859764      1068.919
 1.00000     5.570235     68.354232      1.396973
291.004556     7.616746      1046.677

 COMB DB-G1-1 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -5.506722    -27.083638     -1.557625
-75.422324     -6.518539     -378.233716
 0.25000    -5.506722    -26.410229     -1.557625
-73.716812     -5.773147     -407.262813
 0.50000    -5.506722    -25.768510     -1.557625
-72.459926     -5.477614     -436.291910
 0.75000    -5.506722    -25.176678     -1.557625
-71.214739     -5.769523     -465.330560
 1.00000    -5.506722    -24.652156     -1.557625
-69.973619     -6.649136     -494.374424

 COMB DB-G1-2 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     8.641975     161.404185      2.877319
511.029631     19.703881      2427.005
 0.25000     8.641975     166.819959      2.877319
522.325656     18.867614      2331.267
 0.50000     8.641975     172.878673      2.877319
533.640321     18.435267      2254.563
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1153

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P             V2             V3
        T            M2            M3
 0.75000     8.641975     179.396710      2.877319
545.039874     18.550842      2206.465
 1.00000     8.641975     186.178451      2.877319
560.465259     19.260954      2176.928

 COMB DB-G1-2 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -9.973204    -111.595752     -1.930096
-228.135064     -7.740090     -679.197532
 0.25000    -9.973204    -104.848099     -1.930096
-212.735629     -6.892319     -730.183800
 0.50000    -9.973204     -98.415789     -1.930096
-201.385622     -6.919802     -781.170068
 0.75000    -9.973204     -92.483292     -1.930096
-190.142055     -8.352409     -832.156336
 1.00000    -9.973204     -87.225540     -1.930096
-178.936297     -10.768380     -883.147118

 COMB DB-G1-3 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     13.947084     277.888358      4.452960
407.274267     37.538898      3570.735
 0.25000     13.947084     309.288647      4.452960
404.888062     35.696437      3526.154
 0.50000     13.947084     344.424526      4.452960
403.204692     34.783404      3457.768
 0.75000     13.947084     382.297559      4.452960
401.489827     35.034399      3366.181
 1.00000     13.947084     421.392251      4.452960
399.720147     36.429817      3243.755

 COMB DB-G1-3 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -14.821859    -320.262106     -3.405853
-118.926761     -9.683836     -915.756060
 0.25000    -14.821859    -281.274516     -3.405853
-118.926761     -9.187949     -983.433519
 0.50000    -14.821859    -243.991729     -3.405853
-118.926761     -9.413111     -1051.111
 0.75000    -14.821859    -209.592720     -3.405853
-119.650226     -10.545648     -1118.788
 1.00000    -14.821859    -179.110281     -3.405853
-121.786802     -12.697116     -1186.468

 COMB DB-G1-4 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     13.530139     291.986268      4.234049
410.439113     37.278341      3904.210
 0.25000     13.530139     317.809255      4.234049
409.939513     35.636701      3819.525
 0.50000     13.530139     346.702423      4.234049
409.450744     34.999236      3730.023
 0.75000     13.530139     377.772964      4.234049
408.967626     35.530796      3640.658
 1.00000     13.530139     409.996612      4.234049
408.905593     37.270324      3541.001

 COMB DB-G1-4 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -13.947576    -298.940157     -3.629773
-283.728019     -10.215553     -1008.239
 0.25000    -13.947576    -266.878591     -3.629773
-283.728019     -10.113781     -1082.729
 0.50000    -13.947576    -236.219379     -3.629773
-283.728019     -10.626255     -1157.219
 0.75000    -13.947576    -207.932100     -3.629773
-283.728019     -11.899531     -1231.709
 1.00000    -13.947576    -182.863870     -3.629773
-283.728019     -14.026874     -1306.200

 COMB DB-G2-1 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     5.446796     136.658165      2.213622
194.463457     21.603439      1547.179
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1154

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P             V2             V3
        T            M2            M3
 0.25000     5.446796     153.810828      2.213622
215.573060     20.016041      1534.180
 0.50000     5.446796     173.002149      2.213622
236.729492     18.926175      1509.274
 0.75000     5.446796     193.644901      2.213622
258.055098     18.455788      1476.362
 1.00000     5.446796     215.094562      2.213622
286.871059     18.539058      1426.819

 COMB DB-G2-1 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -6.607121    -176.687132     -1.056706
-208.271524     -3.297748     -350.710478
 0.25000    -6.607121    -155.345228     -1.056706
-179.523535     -3.575979     -376.015245
 0.50000    -6.607121    -134.974697     -1.056706
-158.317964     -4.072949     -401.320013
 0.75000    -6.607121    -116.184249     -1.056706
-137.321588     -5.267133     -426.624780
 1.00000    -6.607121     -99.531319     -1.056706
-116.407030     -6.559242     -451.929547

 COMB DB-G2-2 -------------------- MAX

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000     11.093728     266.543120      3.906704
156.107012     40.845390      3007.361
 0.25000     11.093728     300.829528      3.906704
156.107012     38.367094      2986.803
 0.50000     11.093728     339.191685      3.906704
156.107012     36.977979      2940.685
 0.75000     11.093728     380.444987      3.906704
156.107012     36.950175      2875.135
 1.00000     11.093728     423.229471      3.906704
156.107012     38.149948      2774.269

 COMB DB-G2-2 -------------------- MIN

 REL DIST            P             V2             V3
        T            M2            M3
 0.00000    -11.928752    -348.905698     -2.997424
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-147.989234   -6.192170 -677.204176
 0.25000   -11.928752 -306.336412     -2.997424
-147.989234   -6.734585 -725.935014
 0.50000   -11.928752 -265.629228     -2.997424
-147.989234   -7.473053 -774.665851
 0.75000   -11.928752 -228.071504     -2.997424
-147.989234   -8.833860 -823.396689
 1.00000   -11.928752 -194.787200     -2.997424
-147.989234  -10.234075 -872.127526

  COMB DB-G2-3 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    12.701415   294.841734     4.288891
365.464052    40.351191    3700.356
   0.25000    12.701415   326.045138     4.288891
365.864664    38.228069    3642.226
   0.50000    12.701415   360.955867     4.288891
366.349922    37.173790    3569.377
   0.75000    12.701415   398.498184     4.288891
366.903624    37.368532    3485.593
   1.00000    12.701415   437.434420     4.288891
367.427834    38.695809    3378.044

  COMB DB-G2-3 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -13.166476 -337.608752     -3.071626
-185.985341   -9.101767  -910.957364
   0.25000   -13.166476 -298.868352     -3.071626
-185.985341   -9.108630  -977.589516
   0.50000   -13.166476 -261.822980     -3.071626
-185.985341   -9.280871  -1044.230
   0.75000   -13.166476 -227.644251     -3.071626
-185.985341  -10.288339  -1110.872
   1.00000   -13.166476 -197.352776     -3.071626
-185.985341   -9.979560  -1177.514
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1155

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G2-4 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    12.149765   291.551873     3.916580
345.565821    35.490151    3913.519
   0.25000    12.149765   317.849534     3.916580
345.565821    33.864400    3832.059
   0.50000    12.149765   347.273294     3.916580
345.565821    33.212243    3745.192
   0.75000    12.149765   378.914561     3.916580
345.565821    33.611171    3654.196
   1.00000    12.149765   411.730244     3.916580
345.565821    34.978457    3550.382

  COMB DB-G2-4 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -12.645550 -300.984752     -2.917684
-330.548770   -9.710672   -1005.388
   0.25000   -12.645550 -268.334127     -2.917684
-330.548770  -10.184612   -1079.556
   0.50000   -12.645550 -237.111732     -2.917684
-330.548770  -10.797627   -1153.730
   0.75000   -12.645550 -208.304973     -2.917684
-330.548770  -12.106845   -1227.906
   1.00000   -12.645550 -182.775924     -2.917684
-330.548770  -13.986818   -1302.081

  COMB DB-G3-1 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     4.158184    68.763510     0.976447
70.686791     4.883519     1230.509
   0.25000     4.158184    69.405861     0.976447
68.621593     4.977523     1180.744
   0.50000     4.158184    70.127804     0.976447
67.102729     5.201270     1138.761
   0.75000     4.158184    70.903799     0.976447
65.596068     5.589051     1106.137
   1.00000     4.158184    71.705716     0.976447
64.091983     6.160356     1083.247

  COMB DB-G3-1 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -4.274071   -28.668285     -1.371006
-276.088335   -6.721722   -376.099648
   0.25000    -4.274071   -27.870404     -1.371006
-277.521075   -5.985828   -405.775786
   0.50000    -4.274071   -27.104756     -1.371006
-279.032080   -5.642940   -434.751925
   0.75000    -4.274071   -26.398061     -1.371006
-280.550743   -5.844348   -463.726064
   1.00000    -4.274071   -25.774624     -1.371006
-282.616457   -6.712944   -492.704202

  COMB DB-G3-2 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     7.760403   165.906780     1.890052
236.591426    17.757238    2459.228
   0.25000     7.760403   172.780437     1.890052
217.467618    17.366046    2367.898
   0.50000     7.760403   180.501104     1.890052
203.404986    17.515493    2293.671
   0.75000     7.760403   188.80032      1.890052
189.455557    18.353164    2243.066
   1.00000     7.760403   197.380945     1.890052
175.525231    19.881552    2207.893

  COMB DB-G3-2 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -7.629039  -122.637788     -2.724329
-482.759022   -7.755353   -667.423370
   0.25000    -7.629039  -114.100350     -2.724329
-496.767825   -7.125715   -717.439865
   0.50000    -7.629039  -105.911684     -2.724329
-510.753230   -8.077847   -767.456360
   0.75000    -7.629039   -98.353931     -2.724329
-524.811902   -9.249615  -817.472856
   1.00000    -7.629039   -91.682457     -2.724329
-543.935868  -10.426263  -867.489351
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1156

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DB-G3-3 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    12.869140   279.270203     3.662312
123.700488    35.890999    3576.935
   0.25000    12.869140   310.949104     3.662312
124.681908    34.221787    3532.678
   0.50000    12.869140   346.390483     3.662312
125.749268    33.545128    3465.067
   0.75000    12.869140   384.503839     3.662312
126.889733    34.083834    3373.132
   1.00000    12.869140   424.032645     3.662312
128.206655    35.782388    3250.137

  COMB DB-G3-3 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -12.810663  -323.206387     -3.700034
-372.116365   -9.542285   -901.770310
   0.25000   -12.810663  -283.876393     -3.700034
-370.864517   -9.267030   -968.385230
   0.50000   -12.810663  -246.267510     -3.700034
-370.726033  -10.599296   -1035.000
   0.75000   -12.810663  -211.569216     -3.700034
-370.726033  -11.988864   -1101.615
   1.00000   -12.810663  -180.816095     -3.700034
-370.725500  -13.397094   -1168.230

  COMB DB-G3-4 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    12.530300   291.788654     4.152748
294.770096    36.742709    3904.878
   0.25000    12.530300   317.730955     4.152748
294.770095    34.891383    3820.844
   0.50000    12.530300   346.756817     4.152748
294.770095    33.940584    3731.804
   0.75000    12.530300   377.970284     4.152748
294.770095    34.222720    3641.875
   1.00000    12.530300   410.342361     4.152748
294.770095    35.587107    3540.775

  COMB DB-G3-4 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -13.594608  -299.150456     -3.332402
-381.991737  -10.672254   -1003.506
   0.25000   -13.594608  -266.941204     -3.332402
-381.991737  -10.298344   -1077.725
   0.50000   -13.594608  -236.140939     -3.332402
-381.991737  -11.565382   -1151.943
   0.75000   -13.594608  -207.723724     -3.332402
-381.991737  -13.913725   -1226.161
   1.00000   -13.594608  -182.539640     -3.332402
-381.991737  -16.308371   -1300.380

  COMB DL-G1-1 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    13.458168    93.883939     1.287699
334.568705    10.814757    1499.733
   0.25000    13.458168    94.312099     1.287699
335.628883    10.497847    1451.915
   0.50000    13.458168    94.785281     1.287699
336.768126    10.497009    1406.061
   0.75000    13.458168    95.285649     1.287699
337.985350    10.924177    1361.921
   1.00000    13.458168    95.793425     1.287699
339.283005    11.890029    1319.446

  COMB DL-G1-1 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -6.153625   -50.332309     -2.366793
-112.555631  -14.515522   -780.143227
   0.25000    -6.153625   -49.849269     -2.366793
-111.323263  -12.301810   -781.239996
   0.50000    -6.153625   -49.376054     -2.366793
-110.169566  -10.652745   -782.321200
   0.75000    -6.153625   -48.932303     -2.366793
-109.094661   -9.970774   -783.391333
   1.00000    -6.153625   -48.536682     -2.366793
-108.097961   -9.871637   -784.487678
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1157

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G1-2 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    15.754552   201.131256     3.474690
562.113120    28.886505    2856.390
   0.25000    15.754552   204.748151     3.474690
569.819088    26.879610    2764.189
   0.50000    15.754552   208.746937     3.474690
578.088250    25.554619    2675.807
   0.75000    15.754552   212.975140     3.474690
586.919859    24.845993    2607.532
   1.00000    15.754552   217.266633     3.474690
596.341925    24.790773    2544.544

  COMB DL-G1-2 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -15.232434  -139.136550     -2.749418
-261.946638  -19.291283   -1396.581
   0.25000   -15.232434  -135.054441     -2.749418
-253.006964  -17.722572   -1396.812
   0.50000   -15.232434  -131.055347     -2.749418
-244.638022  -17.131110   -1396.994
   0.75000   -15.232434  -127.305254     -2.749418
-236.840836  -17.701378   -1397.185
   1.00000   -15.232434  -123.961870     -2.749418
-229.610755  -18.875059   -1397.425

  COMB DL-G1-3 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    20.192072   312.150913     4.769615
484.239822    47.610813    4074.123
   0.25000    20.192072   336.534834     4.769615
479.364781    46.209646    4015.343
   0.50000    20.192072   363.503664     4.769615
474.807395    43.715234    3925.417
   0.75000    20.192072   392.024277     4.769615
470.563069    43.198723    3808.286
   1.00000    20.192072   420.959180     4.769615
466.625251    43.613147    3661.789

  COMB DL-G1-3 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -19.218039  -315.268056     -4.105639
-184.778465  -23.223334   -2000.310
   0.25000   -19.218039  -287.727896     -4.105639
-188.595421  -21.843261   -1899.055
   0.50000   -19.218039  -260.755736     -4.105639
-192.711355  -21.283736   -1897.740
   0.75000   -19.218039  -235.471690     -4.105639
-197.130992  -21.689198   -1896.393
   1.00000   -19.218039  -212.925325     -4.105639
-201.858207  -22.654716   -1895.161

  COMB DL-G1-4 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    20.561219   331.542592     4.566054
485.426519    48.642377    4425.246
   0.25000    20.561219   351.615488     4.566054
482.076637    46.851824    4336.430
   0.50000    20.561219   373.815115     4.566054
478.949754    45.983318    4227.355
   0.75000    20.561219   397.292110     4.566054
476.035918    46.243021    4107.991
   1.00000    20.561219   421.110149     4.566054
473.333450    47.379722    3972.848

  COMB DL-G1-4 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -17.760445  -306.533673     -4.542338
-340.282394  -24.434896   -2070.376
   0.25000   -17.760445  -283.863739     -4.542338
-342.854993  -23.180316   -2068.837
   0.50000   -17.760445  -261.661383     -4.542338
-345.631501  -22.719716   -2067.260
   0.75000   -17.760445  -240.848629     -4.542338
-348.615077  -23.130939   -2065.654
   1.00000   -17.760445  -222.288345     -4.542338
-351.809620  -24.033995   -2064.116
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1158

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G2-1 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     5.243778   138.892759     2.823878
188.788210    24.689242    1626.569
   0.25000     5.243778   152.532375     2.823878
208.320997    22.723312    1612.273
   0.50000     5.243778   167.616653     2.823878
229.303638    21.317510    1581.255
   0.75000     5.243778   183.571824     2.823878
251.733469    20.381440    1538.068
   1.00000     5.243778   199.758368     2.823878
275.633246    19.783001    1479.299

  COMB DL-G2-1 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -12.159885  -161.560787     -0.971145
-198.097970   -6.815948   -710.811942
   0.25000   -12.159885  -146.160343     -0.971145
-175.501703   -7.454082   -709.486913
   0.50000   -12.159885  -131.074692     -0.971145
-154.332458   -8.509944   -708.106624
   0.75000   -12.159885  -116.930078     -0.971145
-134.607707   -9.916056   -706.749710
   1.00000   -12.159885  -104.319969     -0.971145
-116.318215  -11.427081   -705.425007

  COMB DL-G2-2 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    12.459309   272.551779     4.232805
159.318830    45.964940    3192.404
   0.25000    12.459309   299.827573     4.232805
159.318830    43.865663    3166.691
   0.50000    12.459309   329.984805     4.232805
159.318830    42.684981    3106.805
   0.75000    12.459309   361.875239     4.232805
159.318830    42.459804    3021.589
   1.00000    12.459309   394.231143     4.232805
159.318830    42.933593    2904.620

  COMB DL-G2-2 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -16.069879  -319.673466     -3.107814
-149.882201  -13.600231   -1388.994
   0.25000   -16.069879  -288.878935     -3.107814
-149.882201  -13.899062   -1386.094
   0.50000   -16.069879  -258.718072     -3.107814
-149.882201  -14.642235   -1383.205
   0.75000   -16.069879  -230.443369     -3.107814
-149.882201  -15.762851   -1380.252
   1.00000   -16.069879  -205.226473     -3.107814
-149.882201  -17.010185   -1377.325

  COMB DL-G2-3 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    15.946922   321.010670     4.709458
395.943364    50.295748    4101.112
   0.25000    15.946922   345.925911     4.709458
396.763069    47.905127    4039.400
   0.50000    15.946922   373.478684     4.709458
397.630194    46.366249    3947.862
   0.75000    15.946922   402.604519     4.709458
398.540540    45.758893    3836.382
   1.00000    15.946922   432.157693     4.709458
399.488961    45.948045    3699.705

  COMB DL-G2-3 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -17.827740  -329.933236     -3.473533
-221.800954  -20.037115   -1871.941
   0.25000   -17.827740  -301.805253     -3.473533
-221.265127  -19.700731   -1869.601
   0.50000   -17.827740  -274.255185     -3.473533
-221.007531  -19.761192   -1867.251
   0.75000   -17.827740  -248.427093     -3.473533
-220.903797  -20.516682   -1864.871
   1.00000   -17.827740  -225.392342     -3.473533
-220.837437  -21.698470   -1865.328
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1159

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G2-4 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    15.190024   329.608635     4.429637
394.286683    46.822074    4428.305
   0.25000    15.190024   350.676519     4.429637
394.286683    45.179922    4344.947
   0.50000    15.190024   373.969434     4.429637
394.286683    44.236312    4237.404
   0.75000    15.190024   398.601044     4.429637
394.286683    44.073403    4115.611
   1.00000    15.190024   423.592174     4.429637
394.286683    44.621538    3975.748

  COMB DL-G2-4 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -17.202890  -309.306481     -3.485782
-379.606032  -21.504384   -2063.444
   0.25000   -17.202890  -285.521327     -3.485782
-379.606032  -21.606457   -2061.693
   0.50000   -17.202890  -262.225607     -3.485782
-379.606032  -22.035429   -2059.922
   0.75000   -17.202890  -240.386723     -3.485782
-379.606032  -23.042239   -2058.128
   1.00000   -17.202890  -220.909637     -3.485782
-379.606032  -24.408547   -2058.679

  COMB DL-G3-1 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000     4.213882    95.602790     1.586248
105.782118     8.850612    1524.221
   0.25000     4.213882    96.131121     1.586248
104.228206     8.820793    1475.086
   0.50000     4.213882    96.718021     1.586248
102.774508     8.974207    1428.223
   0.75000     4.213882    97.338672     1.586248
101.420094     9.335466    1383.364
   1.00000     4.213882    97.968304     1.586248
100.164664     9.921965    1340.933

  COMB DL-G3-1 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    -7.054955   -51.799868     -1.409523
-318.922957  -11.481895   -772.802666
   0.25000    -7.054955   -51.200645     -1.409523
-320.242842  -11.356749   -773.994538
   0.50000    -7.054955   -50.613645     -1.409523
-321.662157  -11.639242   -775.279673
   0.75000    -7.054955   -50.063259     -1.409523
-323.180701  -12.422067   -776.560209
   1.00000    -7.054955   -49.574865     -1.409523
-324.799716  -13.512261   -777.852112

  COMB DL-G3-2 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    10.888456   201.903525     2.605517
260.965220    24.763737    2852.257
   0.25000    10.888456   206.689857     2.605517
249.214712    24.693621    2764.091
   0.50000    10.888456   212.003012     2.605517
238.218330    25.286386    2679.955
   0.75000    10.888456   217.622263     2.605517
227.974231    26.532240    2607.854
   1.00000    10.888456   223.320965     2.605517
218.477416    28.235316    2542.318

  COMB DL-G3-2 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -10.163571  -145.826054     -3.283981
-521.791228  -17.199661   -1365.097
   0.25000   -10.163571  -140.401372     -3.283981
-531.767865  -16.578063   -1364.951
   0.50000   -10.163571  -135.087352     -3.283981
-542.492147  -16.568726   -1364.803
   0.75000   -10.163571  -130.105380     -3.283981
-553.965589  -17.374522   -1370.882
   1.00000   -10.163571  -125.680493     -3.283981
-566.198438  -18.344091   -1373.089
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1160

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB DL-G3-3 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    14.336517   307.865694     4.345344
183.072867    43.684310    4008.983
   0.25000    14.336517   332.539597     4.345344
187.180964    42.485511    3953.051
   0.50000    14.336517   359.812750     4.345344
191.599593    42.089108    3864.836
   0.75000    14.336517   388.653369     4.345344
196.299092    42.636779    3749.032
   1.00000    14.336517   417.915999     4.345344
201.284183    43.931243    3603.578

  COMB DL-G3-3 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -17.150503  -314.102604     -3.929528
-442.961215  -20.602860   -1847.149
   0.25000   -17.150503  -286.255902     -3.929528
-438.565315  -20.619951   -1845.790
   0.50000   -17.150503  -258.979561     -3.929528
-434.442171  -21.168021   -1844.314
   0.75000   -17.150503  -233.406240     -3.929528
-430.588629  -22.387317   -1842.877
   1.00000   -17.150503  -210.592941     -3.929528
-427.028577  -23.806489   -1841.445

  COMB DL-G3-4 -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    14.257276   330.427266     5.088493
359.370267    47.890668    4416.479
   0.25000    14.257276   350.708737     5.088493
362.127045    45.834661    4328.804
   0.50000    14.257276   373.127275     5.088493
365.078483    44.636965    4219.929
   0.75000    14.257276   396.835121     5.088493
368.223359    44.463336    4097.306
   1.00000    14.257276   420.888234     5.088493
371.551156    45.004433    3963.877

  COMB DL-G3-4 -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -20.116402  -306.294713     -3.614349
-455.509863  -22.988565   -2057.842
   0.25000   -20.116402  -283.405407     -3.614349
-452.629644  -23.098484   -2056.391
   0.50000   -20.116402  -260.984234     -3.614349
-449.926573  -24.048953   -2065.986
   0.75000   -20.116402  -239.962787     -3.614349
-447.406410  -26.013042   -2070.453
   1.00000   -20.116402  -221.211152     -3.614349
-445.069669  -28.203711   -2074.939

  COMB     DB -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    13.947084   294.841734     4.452960
511.029631    40.845390    3913.519
   0.25000    13.947084   326.045138     4.452960
522.325656    38.367094    3832.059
   0.50000    13.947084   360.955867     4.452960
533.640321    37.173790    3745.192
   0.75000    13.947084   398.498184     4.452960
545.039874    37.368532    3654.196
   1.00000    13.947084   437.434420     4.452960
560.465259    38.695809    3550.382

  COMB     DB -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -14.821859  -348.905698     -3.700034
-482.759022  -10.672254   -1008.239
   0.25000   -14.821859  -306.336412     -3.700034
-496.767825  -10.298344   -1077.725
   0.50000   -14.821859  -265.629228     -3.700034
-510.753230  -11.565382   -1157.219
   0.75000   -14.821859  -228.071504     -3.700034
-524.811902  -13.913725   -1231.709
   1.00000   -14.821859  -197.352776     -3.700034
-543.935868  -16.308371   -1306.200
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1161

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB     DL -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    20.561219   331.542592     5.088493
562.113120    50.295748    4428.305
   0.25000    20.561219   351.615488     5.088493
569.819088    47.905127    4344.947
   0.50000    20.561219   373.969434     5.088493
578.088250    46.366249    4237.404
   0.75000    20.561219   402.604519     5.088493
586.919859    46.243021    4115.611
   1.00000    20.561219   432.157693     5.088493
596.341925    47.379722    3975.748

  COMB     DL -------------------- MIN

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000   -20.116402  -329.933236     -4.542338
-521.791228  -24.434896   -2070.376
   0.25000   -20.116402  -301.805253     -4.542338
-531.767865  -23.180316   -2068.837
   0.50000   -20.116402  -274.255185     -4.542338
-542.492147  -24.048953   -2067.260
   0.75000   -20.116402  -248.427093     -4.542338
-553.965589  -26.013042   -2070.453
   1.00000   -20.116402  -225.392342     -4.542338
-566.198438  -28.203711   -2074.939

  COMB     CAR -------------------- MAX

  REL DIST            P            V2           V3
         T           M2           M3
   0.00000    20.561219   331.542592     5.088493
562.113120    50.295748    4428.305
   0.25000    20.561219   351.615488     5.088493
569.819088    47.905127    4344.947
   0.50000    20.561219   373.969434     5.088493
578.088250    46.366249    4237.404
   0.75000    20.561219   402.604519     5.088493
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586.919859    46.243021    4115.611
 1.00000    20.561219   437.434420     5.088493
596.341925    47.379722    3975.748

 COMB     CAR  ------------------- MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -20.116402 -348.905698   -4.542338
-521.791228   -24.434896   -2070.376
 0.25000   -20.116402 -306.336412   -4.542338
-531.767865   -23.180316   -2068.837
 0.50000   -20.116402 -274.255185   -4.542338
-542.492147   -24.048953   -2067.260
 0.75000   -20.116402 -248.427093   -4.542338
-553.965589   -26.013042   -2070.453
 1.00000   -20.116402 -225.392342   -4.542338
-566.198438   -28.203711   -2074.939

 COMB  DESIGN  ------------------- MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    20.561219   331.542592     5.088493
562.113120    50.295748    4428.305
 0.25000    20.561219   351.615488     5.088493
569.819088    47.905127    4344.947
 0.50000    20.561219   373.969434     5.088493
578.088250    46.366249    4237.404
 0.75000    20.561219   402.604519     5.088493
586.919859    46.243021    4115.611
 1.00000    20.561219   437.434420     5.088493
596.341925    47.379722    3975.748

 COMB  DESIGN  ------------------- MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -20.116402 -348.905698   -4.542338
-521.791228   -24.434896   -2070.376
 0.25000   -20.116402 -306.336412   -4.542338
-531.767865   -23.180316   -2068.837
 0.50000   -20.116402 -274.255185   -4.542338
-542.492147   -24.048953   -2067.260
 0.75000   -20.116402 -248.427093   -4.542338
-553.965589   -26.013042   -2070.453
 1.00000   -20.116402 -225.392342   -4.542338
-566.198438   -28.203711   -2074.939
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1162

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        85 ================== LENGTH
=     4.958252

 COMB DB-G1-1  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    5.765362   87.241734     0.534661
399.226082    7.661877    1045.567
 0.25000    5.765362   87.777526     0.534661
400.482473    8.415760   963.780317
 0.50000    5.765362   88.373991     0.534661
401.730286    9.381205   888.620108
 0.75000    5.765362   89.013180     0.534661
402.977128   10.553799   821.116872
 1.00000    5.765362   89.677610     0.534661
404.661412   12.107133   763.705071

 COMB DB-G1-1  ------------------- MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -5.719113   -26.621706   -2.247871
-74.294057    -5.310949   -494.385590
 0.25000   -5.719113   -25.961198   -2.247871
-72.606492    -3.859632   -523.361638
 0.50000   -5.719113   -25.332401   -2.247871
-71.367895    -2.878383   -552.337691
 0.75000   -5.719113   -24.754207   -2.247871
-70.149861    -2.898883   -581.313744
 1.00000   -5.719113   -24.243175   -2.247871
-68.944435    -2.936298   -610.289797

 COMB DB-G1-2  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    8.991665   199.817384     3.789384
675.183861    19.279398    2175.282
 0.25000    8.991665   205.187906     3.789384
686.531121    18.076809    2019.664
 0.50000    8.991665   211.166639     3.789384
697.798563    17.172313    1862.757
 0.75000    8.991665   217.573353     3.789384
709.056399    16.711284    1775.213
 1.00000    8.991665   224.230687     3.789384
724.264432    16.697014    1689.090

 COMB DB-G1-2  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -10.229441   -98.250349   -2.216691
-199.251401    -9.456725   -883.153898
 0.25000   -10.229441   -91.632282   -2.216691
-184.018272   -12.045630   -934.248918
 0.50000   -10.229441   -85.329990   -2.216691
-172.838681   -15.532743   -985.343944
 0.75000   -10.229441   -79.534670   -2.216691
-161.845784   -19.040981   -1036.439
 1.00000   -10.229441   -74.412605   -2.216691
-150.967947   -22.763637   -1087.534

 COMB DB-G1-3  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   14.550308   330.030589     5.227337
547.736055    35.623904    3242.394
 0.25000   14.550308   361.155628     5.227337
545.116255    33.127446    3118.595
 0.50000   14.550308   395.811601     5.227337
543.142492    31.471945    2971.927
 0.75000   14.550308   432.933067     5.227337
541.136560    30.935545    2804.621
 1.00000   14.550308   471.380485     5.227337
539.075199    31.549667    2610.743

 COMB DB-G1-3  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -15.364911   -292.484328   -3.245718
-104.128106   -11.296378    -1186.484
 0.25000   -15.364911   -254.262438   -3.245718
-104.128106   -13.597656    -1254.334
 0.50000   -15.364911   -217.759517   -3.245718
-104.128106   -16.559518    -1322.184
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1163

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST              P            V2           V3
        T             M2           M3
 0.75000   -15.364911   -184.181710   -3.245718
-104.128106   -19.604658    -1390.033
 1.00000   -15.364911   -154.511289   -3.245718
-104.386035   -22.966003    -1457.883

 COMB DB-G1-4  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   14.017134   349.391624     4.918099
499.302293    35.266872    3540.476
 0.25000   14.017134   374.988444     4.918099
498.733628    33.761809    3366.445
 0.50000   14.017134   403.487167     4.918099
498.177101    33.435353    3191.047
 0.75000   14.017134   434.013871     4.918099
497.786819    34.421697    3018.737
 1.00000   14.017134   465.631439     4.918099
497.786819    36.632577    2838.925

 COMB DB-G1-4  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -14.482284 -266.554215   -4.239503
-321.591338   -11.991275    -1306.218
 0.25000   -14.482284 -235.122085   -4.239503
-321.591338   -14.359209    -1380.866
 0.50000   -14.482284 -205.103893   -4.239503
-321.591338   -17.284375    -1455.515
 0.75000   -14.482284 -177.491600   -4.239503
-321.591338   -20.285436    -1530.164
 1.00000   -14.482284 -153.090903   -4.239503
-321.591338   -23.557773    -1604.813

 COMB DB-G2-1  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    5.724811   156.724925     3.644303
231.015682    18.347761    1426.344
 0.25000    5.724811   173.732582     3.644303
252.187820    15.461383    1383.447
 0.50000    5.724811   192.667046     3.644303
273.230861    12.895750    1330.819
 0.75000    5.724811   212.953884     3.644303
294.269514    10.700852    1271.411
 1.00000    5.724811   234.005977     3.644303
322.635881     8.857348    1197.108

 COMB DB-G2-1  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -6.787651 -159.079519   -0.149541
-175.989285   -6.824611 -451.927561
 0.25000   -6.787651 -138.151113   -0.149541
-147.607509   -10.448780 -477.415552
 0.50000   -6.787651 -118.198079   -0.149541
-126.789287   -14.314834 -502.903596
 0.75000   -6.787651   -99.847757   -0.149541
-106.332950   -18.261854 -528.391640
 1.00000   -6.787651   -83.630146   -0.149541
-86.107418   -22.285524 -553.879684

 COMB DB-G2-2  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   11.552128   305.303365     5.339005
165.547702    36.710280    2774.245
 0.25000   11.552128   339.289549     5.339005
165.547702    33.190564    2696.158
 0.50000   11.552128   377.128061     5.339005
165.547702    30.725824    2596.497
 0.75000   11.552128   417.659366     5.339005
165.547702    29.745197    2480.003
 1.00000   11.552128   459.639215     5.339005
165.547702    30.089633    2331.678

 COMB DB-G2-2  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -12.378592 -315.020922   -2.713330
-149.135732   -9.901595 -872.140740
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1164

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST              P            V2           V3
        T             M2           M3
 0.25000  -12.378592 -273.287276   -2.713330
-149.135732   -13.391714 -921.090742
 0.50000  -12.378592 -233.431088   -2.713330
-149.135732   -17.035264 -970.040749
 0.75000  -12.378592 -196.769448   -2.713330
-149.135732   -20.756933    -1018.991
 1.00000  -12.378592 -164.371368   -2.713330
-149.135732   -24.542630    -1067.941

 COMB DB-G2-3  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   13.668131   301.502618     3.017649
-178.062130   -12.211650    -1177.528
 0.25000   13.668131   -263.522452    -3.017649
-178.062130   -16.481993    -1244.406
 0.50000   13.668131   -227.251222    -3.017649
-178.062130   -21.028242    -1311.284
 0.75000   13.668131   -193.887639    -3.017649
-178.062130   -25.735165    -1378.162
 1.00000   13.668131   -164.402438    -3.017649
-178.062130   -30.804276    -1445.040

 COMB DB-G2-4  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   12.653487   348.958594     5.640745
406.410445    32.545104    3550.441
 0.25000   12.653487   375.025984     5.640745
406.410445    30.404129    3379.436
 0.50000   12.653487   404.048108     5.640745
406.410445    29.189950    3206.147
 0.75000   12.653487   435.135604     5.640745
406.410445    29.449643    3034.773
 1.00000   12.653487   467.334132     5.640745
406.410445    30.710789    2850.174

 COMB DB-G2-4  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -13.142201 -265.972818   -2.936337
-386.645289   -13.088155    -1302.086
 0.25000  -13.142201 -233.963128   -2.936337
-386.645289   -17.250321    -1376.488
 0.50000  -13.142201 -203.393447   -2.936337
-386.645289   -21.640082    -1450.890
 0.75000  -13.142201 -175.273983   -2.936337
-386.645289   -26.161373    -1525.292
 1.00000  -13.142201 -150.424668   -2.936337
-386.645289   -30.986495    -1599.697

 COMB DB-G3-1  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    4.362870    90.693344     0.933390
67.947636     4.143668    1084.482
 0.25000    4.362870    91.329715     0.933390
65.893838     3.810658    999.767422
 0.50000    4.362870    92.041444     0.933390
64.384222     3.886757    922.125838
 0.75000    4.362870    92.803493     0.933390
62.897252     4.214917    853.749062
 1.00000    4.362870    93.589915     0.933390
61.422715     4.583933    795.835931
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1165

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -4.469908   -27.338432   -1.341683
-382.325672    -8.956833   -492.679027
 0.25000   -4.469908   -26.556593   -1.341683
-383.850131    -8.114540   -521.729349
 0.50000   -4.469908   -25.807540   -1.341683
-385.359490    -7.604499   -550.779671
 0.75000   -4.469908   -25.118283   -1.341683
-386.864473    -8.180073   -579.829994
 1.00000   -4.469908   -24.511912   -1.341683
-388.908535    -9.289939   -608.880316

 COMB DB-G3-2  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    8.033050   204.384434     2.080371
209.188425    16.517421    2209.675
 0.25000    8.033050   211.194617     2.080371
190.162469    16.099227    2058.363
 0.50000    8.033050   218.806570     2.080371
176.174960    16.938370    1923.911
 0.75000    8.033050   226.957171     2.080371
162.396728    18.738362    1814.997
 1.00000    8.033050   235.372590     2.080371
148.733163    21.276316    1723.825

 COMB DB-G3-2  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -7.987928 -107.891286   -3.689557
-629.337500   -10.399170   -867.476487
 0.25000   -7.987928   -99.524949   -3.689557
-643.450706    -9.778438   -917.582937
 0.50000   -7.987928   -91.512914   -3.689557
-657.426278   -11.040523   -967.689387
 0.75000   -7.987928   -84.140818   -3.689557
-671.362246   -12.651548    -1017.796
 1.00000   -7.987928   -77.651302   -3.689557
-690.290384   -14.266508    -1067.902

 COMB DB-G3-3  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   13.420031   331.276104     4.326978
115.204899    32.320322    3251.488
 0.25000   13.420031   362.677951     4.326978
116.074701    29.716629    3128.118
 0.50000   13.420031   397.635894     4.326978
117.026332    28.556579    2982.459
 0.75000   13.420031   435.082551     4.326978
118.039741    28.635038    2816.054
 1.00000   13.420031   473.868335     4.326978
119.170402    29.845772    2622.120

 COMB DB-G3-3  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -13.410016   -294.287294   -3.422363
-492.907169    -9.307563    -1168.221
 0.25000  -13.410016   -255.728934   -3.422363
-492.907169   -13.824676    -1235.045
 0.50000  -13.410016   -218.905758   -3.422363
-492.907169   -16.389054    -1301.869
 0.75000  -13.410016   -185.034781   -3.422363
-492.907169   -19.143364    -1368.693
 1.00000  -13.410016   -155.100040   -3.422363
-492.907169   -21.948649    -1435.517

 COMB DB-G3-4  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   13.065729   349.296108     6.146731
344.490210    32.715503    3541.347
 0.25000   13.065729   375.011279     6.146731
344.490209    29.934293    3367.908
 0.50000   13.065729   403.640968     6.146731
344.490209    28.358306    3192.703
 0.75000   13.065729   434.308182     6.146731
344.490209    27.874298    3020.085
 1.00000   13.065729   466.071480     6.146731
344.490209    28.365154    2838.693
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1166

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -14.070494   -266.217504   -3.091657
-458.444390   -16.544637    -1300.371
 0.25000  -14.070494   -234.640486   -3.091657
-458.444390   -19.827626    -1374.862
 0.50000  -14.070494   -204.484064   -3.091657
-458.444390   -25.040875    -1449.353
 0.75000  -14.070494   -176.744802   -3.091657
-458.444390   -30.356458    -1523.844
 1.00000  -14.070494   -152.231227   -3.091657
-458.444390   -35.720127    -1598.336

 COMB DL-G1-1  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   13.607994   122.648765     0.694242
469.906325    31.794994    1317.945
 0.25000   13.607994   123.087091     0.694242
471.001206    13.129578    1225.223
 0.50000   13.607994   123.568187     0.694242
472.163756    15.518330    1135.296
 0.75000   13.607994   124.074475     0.694242
473.396298    18.661393    1046.964
 1.00000   13.607994   124.587664     0.694242
474.697728    22.273521    960.977140

 COMB DL-G1-1  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   -6.367674   -42.243080   -3.858140
-91.746973    -9.981503   -784.145745
 0.25000   -6.367674   -41.778437   -3.858140
-90.541510    -6.992221   -785.094592
 0.50000   -6.367674   -41.324570   -3.858140
-89.423491    -5.394787   -786.078050
 0.75000   -6.367674   -40.901001   -3.858140
-88.391754    -5.017685   -787.018257
 1.00000   -6.367674   -40.524544   -3.858140
-87.445339    -5.042133   -787.998334

 COMB DL-G1-2  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   16.067195   250.689458     5.138975
749.282867    24.959662    2542.357
 0.25000   16.067195   254.393491     5.138975
757.227002    23.381087    2374.037
 0.50000   16.067195   258.458763     5.138975
765.670489    23.125276    2210.707
 0.75000   16.067195   262.737065     5.138975
774.617750    24.060923    2062.478
 1.00000   16.067195   267.073558     5.138975
784.072196    25.870399    1922.935

 COMB DL-G1-2  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -15.504973  -118.661204   -3.687198
-209.645257   -19.572207    -1396.925
 0.25000  -15.504973  -114.727431   -3.687198
-200.905720   -20.229105    -1397.141
 0.50000  -15.504973  -110.891506   -3.687198
-192.799292   -22.489007    -1397.398
 0.75000  -15.504973  -107.311947   -3.687198
-185.319872   -26.201136    -1397.607
 1.00000  -15.504973  -104.130544   -3.687198
-178.460079   -30.612982    -1397.868

 COMB DL-G1-3  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   20.756510   377.490786     6.413161
643.789295    42.733696    3659.967
 0.25000   20.756510   402.451523     6.413161
638.779533    40.226095    3499.859
 0.50000   20.756510   429.859974     6.413161
634.126385    39.229984    3307.652
 0.75000   20.756510   458.700808     6.413161
629.816449    39.838889    3089.405
 1.00000   20.756510   487.931161     6.413161
625.839567    41.665011    2842.287
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1167

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -19.756300   -282.742907   -4.681015
-144.987921    -22.966449    -1894.772
 0.25000  -19.756300   -256.217746   -4.681015
-148.833911    -23.454949    -1893.839
 0.50000  -19.756300   -230.345416   -4.681015
-152.959304    -25.386526    -1892.931
 0.75000  -19.756300   -206.206498   -4.681015
-157.363836    -28.681808    -1892.029
 1.00000  -19.756300   -184.753596   -4.681015
-162.050585    -32.775800    -1891.208

 COMB DL-G1-4  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   21.043542   402.850655     6.012327
590.370716    44.635022    3972.089
 0.25000   21.043542   423.398441     6.012327
586.899771    43.691272    3773.001
 0.50000   21.043542   445.960082     6.012327
583.675321    44.318340    3551.315
 0.75000   21.043542   469.707196     6.012327
580.686864    46.466753    3319.918
 1.00000   21.043542   493.762155     6.012327
577.926583    49.754506    3074.227

 COMB DL-G1-4  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -18.273848   -270.111532   -5.789163
-360.287038    -22.896338    -2063.983
 0.25000  -18.273848   -248.277567   -5.789163
-362.870237    -23.437674    -2062.431
 0.50000  -18.273848   -226.980641   -5.789163
-365.639726    -25.234915    -2060.885
 0.75000  -18.273848   -207.110374   -5.789163
-368.602756    -28.227005    -2059.314
 1.00000  -18.273848   -189.449376   -5.789163
-371.762436    -31.944075    -2057.848

 COMB DL-G2-1  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000    5.519950   162.463744     5.131425
226.451779    19.444949    1478.804
 0.25000    5.519950   176.434143     5.131425
246.636415    16.536743    1428.001
 0.50000    5.519950   191.767635     5.131425
268.076576    13.964460    1360.012
 0.75000    5.519950   207.903624     5.131425
290.792837    11.779349    1280.706
 1.00000    5.519950   224.259863     5.131425
314.776123    10.146242    1185.967

 COMB DL-G2-1  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -12.339915   -146.604593   -0.269743
170.191412    -17.507697    -701.102027
 0.25000  -12.339915   -131.766969   -0.269743
-148.631322    -15.741599    -704.417528
 0.50000  -12.339915   -117.296301   -0.269743
-128.167131    -20.044889    -703.571434
 0.75000  -12.339915   -103.794197   -0.269743
-109.285930    -24.527916    -702.642388
 1.00000  -12.339915    -91.793710   -0.269743
-91.977156    -29.286440    -701.771221

 COMB DL-G2-2  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   12.943590   318.357090     6.438606
174.172916    41.001082    2904.608
 0.25000   12.943590   346.277113     6.438606
174.172916    38.384836    2807.584
 0.50000   12.943590   376.926926     6.438606
174.172916    36.513230    2675.645
 0.75000   12.943590   409.178425     6.438606
174.172916    35.640737    2521.102
 1.00000   12.943590   441.865565     6.438606
174.172916    35.716991    2333.040
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1168

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -16.514688   -290.581462   -2.950487
-155.555834    -16.451623    -1377.363
 0.25000  -16.514688   -260.920681   -2.950487
-155.555834    -19.305722    -1375.057
 0.50000  -16.514688   -231.989841   -2.950487
-155.555834    -23.561118    -1372.715
 0.75000  -16.514688   -204.996838   -2.950487
-155.555834    -27.479565    -1370.342
 1.00000  -16.514688   -180.999438   -2.950487
-155.555834    -31.774255    -1368.101

 COMB DL-G2-3  ------------------ MAX

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000   16.444885   384.114693     7.105179
499.321289    44.580088    3698.538
 0.25000   16.444885   409.620291     7.105179
500.249461    42.229202    3539.529
 0.50000   16.444885   437.616711     7.105179
501.185513    40.751455    3347.971
 0.75000   16.444885   467.077659     7.105179
502.116668    40.226041    3137.343
 1.00000   16.444885   496.934384     7.105179
503.037051    40.560395    2902.092

 COMB DL-G2-3  ------------------ MIN

 REL DIST              P            V2           V3
        T             M2           M3
 0.00000  -18.300218   -293.988856   -3.557813
-198.572511    -22.053443    -1865.160
 0.25000  -18.300218   -266.895481   -3.557813
-198.567308    -25.743248    -1871.103
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 0.50000   -18.300218  -240.468773    -3.557813
-198.567365   -29.831073    -1919.658
 0.75000   -18.300218  -215.812500    -3.557813
-198.567341   -34.177180    -1927.835
 1.00000   -18.302718  -193.890781    -3.557813
-198.567341   -38.837270    -1936.200

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.669299  400.315390    6.559333
455.827851   41.256584   3975.806
 0.25000   15.669299  421.880324    6.559333
455.827851   39.667527   3783.927
 0.50000   15.669299  445.553701    6.559333
455.827851   39.016131   3564.008
 0.75000   15.669299  470.464190    6.559333
455.827851   38.276463   3330.050
 1.00000   15.669299  495.711162    6.559333
455.827851   40.270113   3078.734

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.656493  -271.251500   -3.812852
-431.486529   -23.003206   -2058.762
 0.25000  -17.656493  -248.342034   -3.812852
-431.486529   -26.322212   -2063.696
 0.50000  -17.656493  -225.996209   -3.812852
-431.486529   -30.064940   -2104.015
 0.75000  -17.656493  -205.147443   -3.812852
-431.486529   -34.118175   -2110.857
 1.00000  -17.656493  -186.612273   -3.812852
-431.486529   -38.457922   -2117.798

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.407858  124.814886    1.674623
82.687514    7.398475    1342.543
 0.25000    4.407858  125.355514    1.674623
81.159932    7.281647    1248.665
 0.50000    4.407858  125.951784    1.674623
79.741252    7.279601    1156.666
 0.75000    4.407858  126.579084    1.674623
78.430050    7.519828    1066.794
 1.00000    4.407858  127.214926    1.674623
77.226150    7.854321   979.630264
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1169

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.228279  -42.827022   -1.473188
-446.026207   -13.362975   -778.203041
 0.25000   -7.228276  -42.249774   -1.473188
-447.384630   -13.371670   -779.532288
 0.50000   -7.228276  -41.686841   -1.473188
-448.831373   -13.663996   -780.872870
 0.75000   -7.228276  -41.161688   -1.473188
-450.365491   -13.303089   -782.412761
 1.00000   -7.228276  -40.696726   -1.473188
-451.987114   -15.403882   -784.297950

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.167759  250.886050    2.755035
208.700246   23.961570   2544.581
 0.25000   11.167759  255.784292    2.755035
197.130865   24.902628   2381.600
 0.50000   11.167759  261.182721    2.755035
186.392225   26.436086   2220.400
 0.75000   11.167759  266.862097    2.755035
176.474660   28.645567   2072.296
 1.00000   11.167759  272.618867    2.755035
167.361666   31.294890   1931.188

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.490613  -124.934060   -4.325527
-690.507645   -17.017208   -1373.613
 0.25000  -10.490613  -119.707748   -4.325527
-700.780360   -16.858289   -1375.751
 0.50000  -10.490613  -114.611950   -4.325527
-711.709507   -17.156821   -1377.904
 0.75000  -10.490613  -109.857846   -4.325527
-723.288940   -18.247152   -1380.005
 1.00000  -10.490613  -105.645325   -4.325527
-735.536625   -19.522673   -1382.160

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.885063  371.987345    5.415623
150.566472   39.506407   3605.404
 0.25000   14.885063  397.246301    5.415623
154.899796   37.873226   3450.531
 0.50000   14.885063  424.965324    5.415623
159.466921   37.028295   3261.988
 0.75000   14.885063  454.134355    5.415623
164.289692   37.158093   3047.144
 1.00000   14.885063  483.695566    5.415623
169.335913   38.082018   2803.128

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.698917  -281.671141   -3.944953
-581.798720   -24.566536   -1841.890
 0.25000  -17.698917  -254.846602   -3.944953
-577.712899   -23.853594   -1840.950
 0.50000  -17.698917  -228.682437   -3.944953
-573.926783   -25.705946   -1840.014
 0.75000  -17.698917  -204.271032   -3.944953
-570.446642   -28.293732   -1838.890
 1.00000  -17.698917  -182.561477   -3.944953
-567.273016   -31.207612   -1837.805

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.778573  401.768136    7.503715
394.022468   41.455127   3964.652
 0.25000   14.778573  422.529733    7.503715
396.930481   39.124906   3767.141
 0.50000   14.778573  445.314646    7.503715
400.006707   37.591062   3545.653
 0.75000   14.778573  469.291460    7.503715
403.237116   36.954406   3313.686
 1.00000   14.778573  493.590623    7.503715
406.622335   37.120871   3066.934
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1170

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.568562  -269.533777   -3.574489
-542.080962   -27.649290   -2075.158
 0.25000  -20.568562  -247.484053   -3.574489
-539.441200   -31.464254   -2082.422
 0.50000  -20.568562  -225.977094   -3.574489
-536.995287   -35.852597   -2087.328
 0.75000  -20.568562  -205.910921   -3.574489
-534.750597   -40.909992   -2104.773
 1.00000  -20.568562  -188.066721   -3.574489
-532.708184   -46.340808   -2110.211

 COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.550308  349.391624    6.208030
675.183861   37.304091   3550.441
 0.25000   14.550308  377.620817    6.208030
686.531121   34.521562   3379.436
 0.50000   14.550308  412.055212    6.208030
697.798563   33.435353   3206.147
 0.75000   14.550308  448.940682    6.208030
709.056399   34.421697   3034.773
 1.00000   14.550308  487.144881    6.208030
724.264432   36.632577   2850.174

 COMB     DB -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.364911  -315.020922   -4.239503
-629.337500   -16.544637   -1306.218
 0.25000  -15.364911  -273.287276   -4.239503
-643.450706   -19.877626   -1380.866
 0.50000  -15.364911  -233.431088   -4.239503
-657.426278   -25.040875   -1455.515
 0.75000  -15.364911  -196.769448   -4.239503
-671.362246   -30.356458   -1530.164
 1.00000  -15.364911  -164.402438   -4.239503
-690.290384   -35.720127   -1604.813

 COMB     DL -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.043542  402.850655    7.503715
749.282867   44.635022   3975.806
 0.25000   21.043542  423.398441    7.503715
757.227002   43.691272   3783.927
 0.50000   21.043542  445.960082    7.503715
765.673489   44.318340   3564.008
 0.75000   21.043542  470.464190    7.503715
774.617750   46.466753   3330.050
 1.00000   21.043542  496.934594    7.503715
784.072196   49.754506   3078.734

 COMB     DL -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.568562  -293.988856   -5.789163
-690.507645   -27.649290   -2075.158
 0.25000  -20.568562  -266.895481   -5.789163
-700.780360   -31.464254   -2082.422
 0.50000  -20.568562  -240.468773   -5.789163
-711.709507   -35.852597   -2104.015
 0.75000  -20.568562  -215.812500   -5.789163
-723.288940   -40.909992   -2110.857
 1.00000  -20.568562  -193.890781   -5.789163
-735.536625   -46.340808   -2117.798

 COMB     CAR -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.043542  402.850655    7.503715
749.282867   44.635022   3975.806
 0.25000   21.043542  423.398441    7.503715
757.227002   43.691272   3783.927
 0.50000   21.043542  445.960082    7.503715
765.673489   44.318340   3564.008
 0.75000   21.043542  470.464190    7.503715
774.617750   46.466753   3330.050
 1.00000   21.043542  496.934594    7.503715
784.072196   49.754506   3078.734
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1171

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.568562  -315.020922   -5.789163
-690.507645   -27.649290   -2075.158
 0.25000  -20.568562  -273.287276   -5.789163
-700.780360   -31.464254   -2082.422
 0.50000  -20.568562  -240.468773   -5.789163
-711.709507   -35.852597   -2104.015
 0.75000  -20.568562  -215.812500   -5.789163
-723.288940   -40.909992   -2110.857
 1.00000  -20.568562  -193.890781   -5.789163
-735.536625   -46.340808   -2117.798

 COMB   DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.043542  402.850655    7.503715
749.282867   44.635022   3975.806
 0.25000   21.043542  423.398441    7.503715
757.227002   43.691272   3783.927
 0.50000   21.043542  445.960082    7.503715
765.673489   44.318340   3564.008
 0.75000   21.043542  470.464190    7.503715
774.617750   46.466753   3330.050
 1.00000   21.043542  496.934594    7.503715
784.072196   49.754506   3078.734

 COMB   DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.568562  -315.020922   -5.789163
-690.507645   -27.649290   -2075.158
 0.25000  -20.568562  -273.287276   -5.789163
-700.780360   -31.464254   -2082.422
 0.50000  -20.568562  -240.468773   -5.789163
-711.709507   -35.852597   -2104.015
 0.75000  -20.568562  -215.812500   -5.789163
-723.288940   -40.909992   -2110.857
 1.00000  -20.568562  -193.890781   -5.789163
-735.536625   -46.340808   -2117.798

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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.967627  106.172449    0.217713
473.634395   12.091561  762.128691
 0.25000    5.967627  106.709152    0.217713
474.862636   12.989091  656.381334
 0.50000    5.967627  107.303442    0.217713
476.086392   14.139496  556.945248
 0.75000    5.967627  107.937682    0.217713
477.313339   15.493126  466.701094
 1.00000    5.967627  108.593421    0.217713
478.974588   17.214055  387.968423

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.936018  -26.176003   -2.298797
-69.111671   -2.552848  -610.085359
 0.25000   -5.936018  -25.528138   -2.298797
-67.453896   -2.615239  -635.573503
 0.50000   -5.936018  -24.913079   -2.298797
-66.234096   -2.687545  -661.175503
 0.75000   -5.936018  -24.348378   -2.298797
-65.031763   -2.767912  -686.838666
 1.00000   -5.936018  -23.850370   -2.298797
-63.838933   -2.853302  -712.502841

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.351398  238.252509    2.847789
783.596253   16.345850    1686.779
 0.25000    9.351398  243.631978    2.847789
794.680720   15.881793    1480.837
 0.50000    9.351398  249.588725    2.847789
805.725723   16.127607    1293.077
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1172

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000    9.351398  255.945530    2.847789
816.799955   18.104188    1137.177
 1.00000    9.351398  262.515759    2.847789
831.791033   19.655341    1006.328

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.498279  -84.071325   -2.178651
-178.475593   -22.273434   -1087.233
 0.25000  -10.498279  -77.580239   -2.178651
-163.519594   -25.155319   -1137.607
 0.50000  -10.498279  -71.415868   -2.178651
-152.518576   -28.050614   -1188.089
 0.75000  -10.498279  -65.756081   -2.178651
-141.676244   -30.956925   -1238.713
 1.00000  -10.498279  -60.762544   -2.178651
-130.920394   -33.869159   -1289.381

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.174581  386.691732    4.859876
639.341783   30.277814   2608.904
 0.25000   15.174581  417.858881    4.859876
636.365842   27.941278   2411.161
 0.50000   15.174581  452.377265    4.859876
634.487921   26.789023   2190.782
 0.75000   15.174581  489.198989    4.859876
632.876566   26.670518   1952.829
 1.00000   15.174581  527.135998    4.859876
630.865898   27.481954   1692.864

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.926502  -258.625897   -2.389786
-91.516806   -21.955454   -1457.654
 0.25000  -15.926502  -221.153629   -2.389786
-91.516806   -25.411556   -1528.984
 0.50000  -15.926502  -185.462232   -2.389786
-91.516806   -28.898121   -1600.404
 0.75000  -15.926502  -152.684861   -2.389786
-91.516806   -32.416592   -1672.133
 1.00000  -15.926502  -123.676737   -2.389786
-91.516806   -35.940949   -1743.991

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.524604  411.405211    4.599575
572.232785   35.085844   2838.201
 0.25000   14.524604  437.036709    4.599575
571.531047   34.519875   2581.859
 0.50000   14.524604  465.422411    4.599575
571.093372   35.065304   2324.252
 0.75000   14.524604  495.702735    4.599575
571.093372   36.454916   2074.658
 1.00000   14.524604  526.900677    4.599575
571.093372   38.632277   1821.713

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.045409  -233.527181   -3.255715
-344.938724   -21.753907   -1604.743
 0.25000  -15.045409  -202.711348   -3.255715
-344.938724   -25.129928   -1683.095
 0.50000  -15.045409  -173.360315   -3.255715
-344.938724   -28.538851   -1761.530
 0.75000  -15.045409  -146.406086   -3.255715
-344.938724   -31.967561   -1840.221
 1.00000  -15.045409  -122.551286   -3.255715
-344.938724   -35.403152   -1919.042

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.010848  181.247064    3.557738
256.272764    8.268521   1196.496
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1173

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000    6.010848  198.280902    3.557738
276.892356    5.526668   1121.830
 0.50000    6.010848  217.143520    3.557738
297.451698    3.466613   1036.771
 0.75000    6.010848  237.269999    3.557738
318.070530    3.324423   946.365693
 1.00000    6.010848  258.045055    3.557738
345.940798    3.415311   842.765110

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.979336  -136.245986   -0.162421
-158.231971   -22.449031   -553.819623
 0.25000   -6.979336  -115.722698   -0.162421
-130.474474   -25.933656   -583.623846
 0.50000   -6.979336   -96.209077   -0.162421
-110.105571   -29.432929   -613.438179
 0.75000   -6.979336   -78.291226   -0.162421
-90.046808   -32.969598   -643.438819
 1.00000   -6.979336   -62.456862   -0.162421
-70.156077   -36.498194   -673.505222

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.029681  352.786352    5.416667
174.737858   28.526566   2331.726
 0.25000   12.029681  386.818597    5.416667
174.737858   26.115498   2192.180
 0.50000   12.029681  424.507093    5.416667
174.737858   25.007035   2030.079
 0.75000   12.029681  464.711311    5.416667
174.737858   24.803179   1853.869
 1.00000   12.029681  506.134046    5.416667
174.737858   25.390107   1649.106

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.860262  -270.637208   -1.541472
-152.352424   -23.831648   -1067.977
 0.25000  -12.860262  -229.721787   -1.541472
-152.352424   -27.992144   -1125.220
 0.50000  -12.860262  -190.751336   -1.541472
-152.352424   -32.183663   -1182.463
 0.75000  -12.860262  -154.963368   -1.541472
-152.352424   -36.386836   -1240.004
 1.00000  -12.860262  -123.290543   -1.541472
-152.352424   -40.593060   -1297.719

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.719816  405.608873    5.969039
516.608002   31.754147   2757.712
 0.25000   13.719816  436.581214    5.969039
516.607988   29.671074   2541.837
 0.50000   13.719816  470.879215    5.969039
516.671422   28.729352   2315.168
 0.75000   13.719816  507.467134    5.969039
516.760913   28.615577   2086.012
 1.00000   13.719816  545.164440    5.969039
516.770920   29.299528   1838.974

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.201294  -262.635772   -1.945362
-179.808226   -30.107074   -1444.920
 0.25000  -14.201294  -225.400076   -1.945362
-179.808226   -34.995427   -1518.301
 0.50000  -14.201294  -189.934709   -1.945362
-179.808226   -40.091219   -1591.728
 0.75000  -14.201294  -157.366035   -1.945362
-179.808226   -45.189533   -1665.420
 1.00000  -14.201294  -128.542140   -1.945362
-179.808226   -50.291123   -1739.263
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1174

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.177380  411.428825    5.362405
455.948099   29.198909   2850.251
 0.25000   13.177380  437.531544    5.362405
455.948099   27.842730   2594.872
 0.50000   13.177380  466.438606    5.362405
455.948099   27.422551   2338.500
 0.75000   13.177380  497.275225    5.362405
455.948099   27.720617   2088.635
 1.00000   13.177380  529.046447    5.362405
455.948099   28.676895   1830.151

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.667349  -234.418586   -2.248327
-430.101703   -29.230508   -1599.729
 0.25000  -13.667349  -203.036474   -2.248327
-430.101703   -33.805795   -1678.476
 0.50000  -13.667349  -173.146153   -2.248327
-430.101703   -38.551445   -1757.282
 0.75000  -13.667349  -145.696795   -2.248327
-430.101703   -43.305515   -1836.343
 1.00000  -13.667349  -121.403751   -2.248327
-430.101703   -48.061787   -1915.526

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.575147  110.089548    0.671788
82.200008    4.266849   797.483383
 0.25000    4.575147  110.726704    0.671788
60.162604    4.604814   687.025638
 0.50000    4.575147  111.435384    0.671788
58.654554    4.954651   583.875107
 0.75000    4.575147  112.191033    0.671788
57.165304    5.304699   491.213400
 1.00000    4.575147  112.966867    0.671788
55.685934    5.654757   411.345183

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.677791  -26.729031   -1.867477
-452.984245   -10.715211   -609.083267
 0.25000   -4.677791  -25.962887   -1.867477
-454.485007   -8.997401   -634.651639
 0.50000   -4.677791  -25.230763   -1.867477
-455.977862   -8.867246   -660.257828
 0.75000   -4.677791  -24.559277   -1.867477
-457.473568   -9.655558   -685.559542
 1.00000   -4.677791  -23.965917   -1.867477
-459.506195   -10.443877   -711.717530

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.320861  243.028366    1.851396
189.385643   20.340956   1726.250
 0.25000    8.320861  249.847054    1.851396
170.497836   22.489353   1523.518
 0.50000    8.320861  257.426728    1.851396
156.511171   25.093503   1337.445
 0.75000    8.320861  265.509239    1.851396
142.696907   27.698373   1179.872
 1.00000    8.320861  273.811577    1.851396
128.972984   30.303899   1043.861

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.380409  -92.947817   -3.690714
-727.385764   -12.602392   -1068.220
 0.25000   -8.380409  -84.748899   -3.690714
-741.292478   -12.844278   -1117.517
 0.50000   -8.380409  -76.917531   -3.690714
-755.124212   -14.309065   -1166.870
 0.75000   -8.380409  -69.724264   -3.690714
-768.981622   -15.788151   -1216.356
 1.00000   -8.380409  -63.384123   -3.690714
-787.818796   -17.282566   -1265.959
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       1175

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.994773  387.841509    4.471353
107.575203   28.192555   2624.072
 0.25000   13.994773  419.285996    4.471353
108.148926   26.419214   2426.146
 0.50000   13.994773  454.105559    4.471353
108.778993   25.475837   2206.291
 0.75000   13.994773  491.250217    4.471353
109.435781   25.337332   1969.113
 1.00000   13.994773  529.521472    4.471353
110.144818   25.941492   1709.277

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.045295  -260.014570   -2.894413
-574.196471   -20.100215   -1435.790
 0.25000  -14.045295  -222.211900   -2.894413
-574.196471   -22.466962   -1505.979
 0.50000  -14.045295  -186.206710   -2.894413
-574.196471   -25.717952   -1576.221
 0.75000  -14.045295  -153.142614   -2.894413
-574.196471   -28.967210   -1646.797
 1.00000  -14.045295  -123.880131   -2.894413
-574.196471   -32.221450   -1717.537

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.624543  411.359381    5.715586
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376.384281    26.763316    2839.520
  0.25000    13.624543   437.109410     5.715586
376.384281    25.002126    2583.041
  0.50000    13.624543   465.625612     5.715586
376.384281    24.191978    2324.995
  0.75000    13.624543   496.045358     5.715586
376.384281    24.065869    2074.730
  1.00000    13.624543   527.387144     5.715586
376.384281    24.544451    1820.137

 COMB DB-G3-4 ------------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -14.580812  -233.497079    -2.636101
 -520.311587  -34.399753   -1598.454
  0.25000  -14.580812  -202.539132    -2.636101
 -520.311587  -39.741489   -1676.597
  0.50000  -14.580812  -173.052855    -2.636101
 -520.311587  -43.816860   -1754.783
  0.75000  -14.580812  -145.974613    -2.636101
 -520.311587  -48.982550   -1833.269
  1.00000  -14.580812  -122.009983    -2.636101
 -520.311587  -54.187919   -1911.906

 COMB DL-G1-1 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   13.777041   148.374565     0.395026
 585.612469   20.932349   958.799490
  0.25000   13.777041   148.827172     0.395026
 586.703578   24.170862   830.753656
  0.50000   13.777041   149.321040     0.395026
 587.869847   27.868143   731.173000
  0.75000   13.777041   149.838987     0.395026
 589.106358   31.749239   660.929701
  1.00000   13.777041   150.363904     0.395026
 590.415645   35.798422   610.559719

 COMB DL-G1-1 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   -6.585873  -40.647712    -3.899625
 -133.665062   -4.671037   -787.429462
  0.25000   -6.585873  -40.204731    -3.899625
 -132.499458   -3.519039   -782.915109
  0.50000   -6.585873  -39.774110    -3.899625
 -131.413218   -3.523623   -812.781093
  0.75000   -6.585873  -39.374077    -3.899625
 -130.406086   -3.576760   -878.085567
  1.00000   -6.585873  -39.011937    -3.899625
 -129.477917   -3.693107   -966.063825
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1176

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   16.401418   305.373480     4.456287
 923.483330   23.876722    1919.824
  0.25000   16.401418   309.198802     4.456287
 931.408056   25.082514    1678.117
  0.50000   16.401418   313.371190     4.456287
 939.874242   27.769327    1491.291
  0.75000   16.401418   317.748566     4.456287
 948.869183   31.137342    1371.453
  1.00000   16.401418   322.184050     4.456287
 958.377783   34.794542    1294.847

 COMB DL-G1-2 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -15.797264  -105.506313    -3.739804
 -262.892896   -29.768451   -1397.051
  0.25000  -15.797264  -101.762840    -3.739804
 -254.450064   -33.011705   -1395.623
  0.50000  -15.797264   -98.123523    -3.739804
 -246.577192   -37.157622   -1459.338
  0.75000  -15.797264   -94.743158    -3.739804
 -239.290913   -41.716042   -1591.288
  1.00000  -15.797264   -91.748413    -3.739804
 -232.567864   -46.442077   -1766.046

 COMB DL-G1-3 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   21.352056   458.770295     6.556042
 791.839708   28.641344    2839.772
  0.25000   21.352056   484.547564     6.556042
 786.730374   38.113977    2570.852
  0.50000   21.352056   512.660546     6.556042
 781.959301   39.159802    2339.979
  0.75000   21.352056   542.161095     6.556042
 777.503368   41.497706    2158.598
  1.00000   21.352056   572.026913     6.556042
 773.360226   44.678630    1999.738

 COMB DL-G1-3 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -20.320235  -253.460053    -4.094375
 -193.066128   -31.658930   -1890.580
  0.25000  -20.320235  -228.210161    -4.094375
 -196.960849   -35.549055   -1895.099
  0.50000  -20.320235  -203.689334    -4.094375
 -201.179488   -40.337896   -1989.705
  0.75000  -20.320235  -180.881461    -4.094375
 -205.728435   -45.838068   -2184.128
  1.00000  -20.320235  -160.682104    -4.094375
 -210.616824   -51.760664   -2440.775

 COMB DL-G1-4 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   21.557998   491.287825     6.159472
 727.492114   45.984062    3073.200
  0.25000   21.557998   512.507766     6.159472
 723.928630   47.020954    2755.917
  0.50000   21.557998   535.649411     6.159472
 720.590229   49.388580    2490.125
  0.75000   21.557998   559.933259     6.159472
 717.471404   52.927314    2296.592
  1.00000   21.557998   584.526025     6.159472
 714.566888   57.216271    2143.661

 COMB DL-G1-4 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -18.811360  -240.409646    -4.851888
 -451.376253   -30.052639   -2057.649
  0.25000  -18.811360  -219.624940    -4.851888
 -453.997056   -33.816701   -2061.217
  0.50000  -18.811360  -199.440463    -4.851888
 -456.842850   -38.360088   -2160.940
  0.75000  -18.811360  -180.665912    -4.851888
 -459.920737   -43.599345   -2369.107
  1.00000  -18.811360  -164.037644    -4.851888
 -463.237829   -49.208828   -2644.474
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1177

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000    5.804160   197.439969     5.220559
 267.773440    9.461361    1185.299
  0.25000    5.804160   211.865351     5.220559
 287.918716    6.841767    1088.808
  0.50000    5.804160   227.598764     5.220559
 309.372244    5.087688    1002.432
  0.75000    5.804160   244.109323     5.220559
 332.210639    4.475812   935.915516
  1.00000    5.804160   260.834362     5.220559
 356.375280    4.611253   874.747298

 COMB DL-G2-1 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -12.541032  -128.999442    -0.273888
 -172.812949   -29.645960   -701.598024
  0.25000  -12.541032  -114.878951    -0.273888
 -151.547187   -34.112973   -707.441845
  0.50000  -12.541032  -101.152252    -0.273888
 -131.712443   -39.086142   -749.098251
  0.75000  -12.541032   -88.404322    -0.273888
 -113.337511   -44.542901   -831.173856
  1.00000  -12.541032   -77.101584    -0.273888
 -96.409305   -50.443745   -938.145880

 COMB DL-G2-2 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   13.449760   386.641804     7.085899
 203.496892   33.781806    2333.119
  0.25000   13.449760   415.475030     7.085899
 203.496892   31.291917    2146.543
  0.50000   13.449760   446.913128     7.085899
 203.496892   30.111127    1977.247
  0.75000   13.449760   479.902954     7.085899
 203.496892   30.179713    1845.546
  1.00000   13.449760   513.312494     7.085899
 203.496892   31.030513    1723.183

 COMB DL-G2-2 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -16.984924  -255.846440    -1.833537
 -177.335078   -31.579473   -1368.173
  0.25000  -16.984924  -227.607847    -1.833537
 -177.335078   -36.577603   -1378.875
  0.50000  -16.984924  -200.187111    -1.833537
 -177.335078   -42.153948   -1457.635
  0.75000  -16.984924  -174.682395    -1.833537
 -177.335078   -48.449392   -1616.146
  1.00000  -16.984924  -152.087735    -1.833537
 -177.335078   -55.115098   -1823.708

 COMB DL-G2-3 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   16.966534   468.617160     7.279884
 615.300234   38.535888    2900.597
  0.25000   16.966534   494.956426     7.279884
 616.081011   36.328218    2629.585
  0.50000   16.966534   523.673514     7.279884
 616.853999   35.206673    2395.068
  0.75000   16.966534   553.808037     7.279884
 617.611780   35.485878    2218.141
  1.00000   16.966534   584.325961     7.279884
 618.346667   36.699088    2067.849

 COMB DL-G2-3 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -18.798337  -260.625354    -2.491257
 -252.626357   -39.074693   -1935.846
  0.25000  -18.798337  -234.831060    -2.491257
 -252.626357   -43.841435   -1958.964
  0.50000  -18.798337  -209.783996    -2.491257
 -252.626357   -49.111087   -2084.898
  0.75000  -18.798337  -186.486928    -2.491257
 -252.626357   -55.276676   -2279.383
  1.00000  -18.798337  -165.846477    -2.491257
 -252.626357   -61.999635   -2531.694
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1178

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   16.173609   489.461618     6.595514
 571.875517   37.017381    3078.851
  0.25000   16.173609   511.731895     6.595514
 571.875517   35.915385    2767.976
  0.50000   16.173609   536.014128     6.595514
 571.875517   35.993281    2502.405
  0.75000   16.173609   561.494889     6.595514
 571.875517   37.334261    2304.721
  1.00000   16.173609   587.299830     6.595514
 571.875517   39.456504    2144.773

 COMB DL-G2-4 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -18.138018  -241.686597    -3.080432
 -539.802859   -37.307194   -2117.882
  0.25000  -18.138018  -219.875605    -3.080432
 -539.802859   -41.615243   -2135.016
  0.50000  -18.138018  -198.696311    -3.080432
 -539.802859   -46.614361   -2258.156
  0.75000  -18.138018  -178.996917    -3.080432
 -539.802859   -52.449122   -2463.463
  1.00000  -18.138018  -161.545200    -3.080432
 -539.802859   -58.744331   -2732.440

 COMB DL-G3-1 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000    4.609665   151.414061     1.034181
 110.726099    6.195223    981.847608
  0.25000    4.609665   151.972422     1.034181
 108.737027    6.629511    851.339735
  0.50000    4.609665   152.583911     1.034181
 107.348366    7.261188    745.894506
  0.75000    4.609665   153.225468     1.034181
 106.059717    8.025457    670.716828
  1.00000    4.609665   153.874191     1.034181
 104.870584    8.995957    616.923382

 COMB DL-G3-1 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   -7.419153  -40.827159    -1.898497
 -546.960100   -15.657817   -784.893659
  0.25000   -7.419153  -40.277757    -1.898497
 -548.318121   -14.726145   -781.085252
  0.50000   -7.419153  -39.744267    -1.898497
 -549.771596   -14.440152   -806.956401
  0.75000   -7.419153  -39.247834    -1.898497
 -551.319554   -14.920856   -876.443218
  1.00000   -7.419153  -38.810303    -1.898497
 -552.963113   -15.608503   -957.650766

 COMB DL-G3-2 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   11.467376   305.430425     2.415400
 241.832931   28.741510    1934.349
  0.25000   11.467376   310.489246     2.415400
 230.560182   30.799693    1697.208
  0.50000   11.467376   316.025308     2.415400
 220.037232   33.278156    1506.96
  0.75000   11.467376   321.834112     2.415400
 210.269267   35.977498    1381.996
  1.00000   11.467376   327.713541     2.415400
 201.263360   39.055482    1299.582

 COMB DL-G3-2 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -10.838877  -110.859441    -3.888253
 -834.948664   -18.591077    -1383.057
  0.25000  -10.838877  -105.885542    -3.888253
 -845.208324   -18.405987    -1386.276
  0.50000  -10.838877  -101.055218    -3.888253
 -856.190376   -19.452399    -1442.557
  0.75000  -10.838877   -96.561651    -3.888253
 -867.890453   -20.820460    -1567.246
  1.00000  -10.838877   -92.597143    -3.888253
 -880.311698   -22.519383    -1741.864
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1179

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   15.459955   451.982396     5.741998
 189.882892   34.881981    2805.729
  0.25000   15.459955   478.064475     5.741998
 194.150576   33.630627    2543.021
  0.50000   15.459955   506.504543     5.741998
 198.661749   33.174400    2311.972
  0.75000   15.459955   536.338947     5.741998
 203.404197   33.966698    2129.335
  1.00000   15.459955   566.554732     5.741998
 208.369235   35.711853    1968.961

 COMB DL-G3-3 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -18.280307  -252.217394    -3.370326
 -703.699277   -30.292980   -1838.564
  0.25000  -18.280307  -226.680478    -3.370326
 -699.974977   -32.496462   -1843.225
  0.50000  -18.280307  -201.881070    -3.370326
 -696.521016   -35.941809   -1930.020
  0.75000  -18.280307  -178.815114    -3.370326
 -693.342782   -40.165291   -2117.166
  1.00000  -18.280307  -158.373926    -3.370326
 -690.446043   -44.988322   -2366.450

 COMB DL-G3-4 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   15.322768   490.250172     7.271743
 490.828808   34.135698    3068.032
  0.25000   15.322768   511.691288     7.271743
 493.692950   32.480736    2751.945
  0.50000   15.322768   535.065865     7.271743
 496.710894   31.871036    2484.747
  0.75000   15.322768   559.583324     7.271743
 499.875016   32.348954    2288.868
  1.00000   15.322768   584.425715     7.271743
 503.178092   33.687971    2133.498

 COMB DL-G3-4 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -21.056738  -239.931225    -3.084163
 -663.650039   -45.912921   -2110.538
  0.25000  -21.056738  -218.939917    -3.084163
 -661.286870   -50.209185   -2121.249
  0.50000  -21.056738  -198.554749    -3.084163
 -659.098535   -55.712196   -2221.240
  0.75000  -21.056738  -179.594584    -3.084163
 -657.090021   -61.920563   -2425.783
  1.00000  -21.056738  -162.793014    -3.084163
 -655.336845   -68.689140   -2695.261

 COMB     DB ------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   15.174581   411.428825     5.969039
 783.596253   35.085844    2850.251
  0.25000   15.174581   437.531544     5.969039
 794.680720   34.519875    2594.872
  0.50000   15.174581   470.879215     5.969039
 805.725723   35.065304    2338.500
  0.75000   15.174581   507.467134     5.969039
 816.799955   36.454916    2088.635
  1.00000   15.174581   545.164440     5.969039
 831.791033   38.632277    1838.974

 COMB     DB ------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -15.926502  -270.637208    -3.690714
 -727.045764   -33.801753   -1674.743
  0.25000  -15.926502  -229.721787    -3.690714
 -741.292478   -38.741489   -1683.095
  0.50000  -15.926502  -190.751336    -3.690714
 -755.124212   -43.816860   -1761.530
  0.75000  -15.926502  -157.366035    -3.690714
 -768.981622   -48.982550   -1840.221
  1.00000  -15.926502  -128.542114    -3.690714
 -787.818796   -54.187919   -1919.042
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1180

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   21.557998   491.287825     7.279884
 923.483330   45.984062    3078.851
  0.25000   21.557998   512.507766     7.279884
 931.408056   47.020954    2767.976
  0.50000   21.557998   536.014128     7.279884
 939.874242   49.388580    2502.405
  0.75000   21.557998   561.494889     7.279884
 948.869183   52.927314    2304.721
  1.00000   21.557998   587.299830     7.279884
 958.377783   57.216271    2144.773

 COMB     DL ------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -21.056738  -260.625354    -4.851888
 -834.948664   -45.912921   -2117.882
  0.25000  -21.056738  -234.831060    -4.851888
 -845.208324   -50.209185   -2135.016
  0.50000  -21.056738  -209.783996    -4.851888
 -856.190376   -55.712196   -2258.156
  0.75000  -21.056738  -186.486928    -4.851888
 -867.890453   -61.920563   -2463.463
  1.00000  -21.056738  -165.846477    -4.851888
 -880.311698   -68.689140   -2732.440

 COMB     CAR ------------------ MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   21.557998   491.287825     7.279884
 923.483330   45.984062    3078.851
  0.25000   21.557998   512.507766     7.279884
 931.408056   47.020954    2767.976
  0.50000   21.557998   536.014128     7.279884
 939.874242   49.388580    2502.405
  0.75000   21.557998   561.494889     7.279884
 948.869183   52.927314    2304.721
  1.00000   21.557998   587.299830     7.279884
 958.377783   57.216271    2144.773

 COMB     CAR ------------------ MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -21.056738  -270.637208    -4.851888
 -834.948664   -45.912921   -2117.882
  0.25000  -21.056738  -234.831060    -4.851888
 -845.208324   -50.209185   -2135.016
  0.50000  -21.056738  -209.783996    -4.851888
 -856.190376   -55.712196   -2258.156
  0.75000  -21.056738  -186.486928    -4.851888
 -867.890453   -61.920563   -2463.463
  1.00000  -21.056738  -165.846477    -4.851888
 -880.311698   -68.689140   -2732.440

 COMB  DESIGN ------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   21.557998   491.287825     7.279884
 923.483330   45.984062    3078.851
  0.25000   21.557998   512.507766     7.279884
 931.408056   47.020954    2767.976
  0.50000   21.557998   536.014128     7.279884
 939.874242   49.388580    2502.405
  0.75000   21.557998   561.494889     7.279884
 948.869183   52.927314    2304.721
  1.00000   21.557998   587.299830     7.279884
 958.377783   57.216271    2144.773

 COMB  DESIGN ------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -21.056738  -270.637208    -4.851888
 -834.948664   -45.912921   -2117.882
  0.25000  -21.056738  -234.831060    -4.851888
 -845.208324   -50.209185   -2135.016
  0.50000  -21.056738  -209.783996    -4.851888
 -856.190376   -55.712196   -2258.156
  0.75000  -21.056738  -186.486928    -4.851888
 -867.890453   -61.920563   -2463.463
  1.00000  -21.056738  -165.846477    -4.851888
 -880.311698   -68.689140   -2732.440
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1181

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM       87 ================== LENGTH
 =     4.957989

 COMB DB-G1-1 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000    6.198316   114.744851     3.305891
 482.389595   17.404393   386.306177
  0.25000    6.198316   115.310297     3.305891
 483.632037   13.865467   281.175050
  0.50000    6.198316   115.931369     3.305891
 484.855146   10.785544   278.617748
  0.75000    6.198316   116.589811     3.305891
 486.068611    8.539784   284.840266
  1.00000    6.198316   117.267649     3.305891
 487.713914    6.545752   290.953573

 COMB DB-G1-1 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   -6.144151   -25.396479    -0.626917
 -177.199574    -2.548095   -711.909168
  0.25000   -6.144151   -24.763764    -0.626917
 -175.575172    -1.834589   -726.815768
  0.50000   -6.144151   -24.185518    -0.626917
 -174.342447    -1.341849   -742.129208
  0.75000   -6.144151   -23.621575    -0.626917
 -173.145318    -2.424970   -757.533986
  1.00000   -6.144151   -23.217952    -0.626917
 -172.118682    -5.122929   -773.596734

 COMB DB-G1-2 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000    9.717595   275.026039     3.392173
 802.753756   19.622703    1003.776
  0.25000    9.717595   280.696413     3.392173
 813.952401   15.980209   762.85518
  0.50000    9.717595   286.924371     3.392173
 824.984527   12.493060   641.990815
  0.75000    9.717595   293.526609     3.392173
 835.925415   11.698089   571.544337
  1.00000    9.717595   300.321144     3.392173
 850.760424   20.183304   533.833197

 COMB DB-G1-2 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   -10.774300   -65.554795    -9.073188
 -317.213380   -33.801172   -1678.516
  0.25000   -10.774300   -59.215716    -9.073188
 -302.569184   -23.019397   -1338.495
  0.50000   -10.774300   -53.215768    -9.073188
 -291.460567   -13.916065   -1389.276
  0.75000   -10.774300   -47.760324    -9.073188
 -280.670747    -9.701055   -1440.405
  1.00000   -10.774300   -43.728965    -9.073188
 -271.415680    -9.397905   -1492.129

 COMB DB-G1-3 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   15.818923   459.080693     4.872282
 653.192706   26.563071    1690.828
  0.25000   15.818923   492.084832     4.872282
 651.029807   21.459682    1410.174
  0.50000   15.818923   528.324808     4.872282
 648.925999   16.682491    1196.084
  0.75000   15.818923   566.716912     4.872282
 647.473034   13.737533   981.088338
  1.00000   15.818923   606.111036     4.872282
 647.473034   17.495008   775.661121

 COMB DB-G1-3 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -16.495408  -195.236142    -5.606015
 -217.279842   -35.093447    -1743.307
  0.25000  -16.495408  -158.652924    -5.606015
 -217.279842   -29.140779    -1830.991
  0.50000  -16.495408  -123.692758    -5.606015
 -217.279842   -24.053114    -1920.601
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1182

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST           P           V2          V3
        T          M2          M3
  0.75000  -16.495408  -91.899459    -5.606015
 -217.279842   -22.012552    -2011.589
  1.00000  -16.495408   -69.257021    -5.606015
 -218.844185   -22.596217    -2104.433

 COMB DB-G1-4 -------------------- MAX

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000   15.051233   489.494623     8.791921
 628.479007   37.593553    1820.878
  0.25000   15.051233   516.635047     8.791921
 628.402080   27.796913    1474.762
  0.50000   15.051233   546.434664     8.791921
 628.402080   18.623957    1208.704
  0.75000   15.051233   578.004602     8.791921
 628.402080   14.430375    1007.793
  1.00000   15.051233   610.398827     8.791921
 628.402080   17.440773   831.756777

 COMB DB-G1-4 -------------------- MIN

 REL DIST           P           V2          V3
        T          M2          M3
  0.00000  -15.592825  -175.952957    -5.241900
```

```
-456.473516  -33.553725  -1918.798
 0.25000  -15.592825 -145.870405  -5.241900
-456.473516  -28.557679  -2014.303
 0.50000  -15.592825 -117.123474  -5.241900
-456.473516  -24.529652  -2111.440
 0.75000  -15.592825  -90.976765  -5.241900
-456.473516  -24.091905  -2209.799
 1.00000  -15.592825  -72.351252  -5.241900
-456.473516  -28.302774  -2309.818

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.276582  221.812461   0.191409
266.347028   3.236286  842.070740
 0.25000    6.276582  239.800562   0.191409
287.052575   3.403207  715.423492
 0.50000    6.276582  259.554757   0.191409
307.432755   3.574345  576.765486
 0.75000    6.276582  280.490604   0.191409
327.654794   5.733414  431.856454
 1.00000    6.276582  302.010479   0.191409
355.079413  15.769008  308.745944

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.189491  -97.947872  -9.435062
-164.733890  -36.715170  -673.328303
 0.25000   -7.189491  -77.907781  -9.435062
-137.695666  -19.907067  -719.832275
 0.50000   -7.189491  -58.866456  -9.435062
-117.245260  -17.952450  -767.200403
 0.75000   -7.189491  -41.551782  -9.435062
-97.355711  -11.941570  -815.331093
 1.00000   -7.189491  -28.941140  -9.435062
-80.282680   -8.905636  -864.506327

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.504825  432.989913   5.829998
189.306364  24.207737  1649.138
 0.25000   12.504825  469.024996   5.829998
189.306364  17.984883  1406.576
 0.50000   12.504825  508.590137   5.829998
189.306364  12.207218  1137.649
 0.75000   12.504825  550.505981   5.829998
189.306364   8.866613  850.963977
 1.00000   12.504825  593.516356   5.829998
189.306364  13.961510  598.988220

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -13.333615  -193.557254  -6.085931
-165.352732  -39.585018  -1297.781
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1183

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -13.333615  -153.616211  -6.085931
-165.352732  -33.509555  -1387.916
 0.50000   -13.333615  -115.448839  -6.085931
-165.352732  -28.067771  -1479.771
 0.75000   -13.333615  -80.732424  -6.085931
-165.352732  -25.820957  -1573.219
 1.00000   -13.333615  -56.000725  -6.085931
-165.352732  -27.420901  -1668.788

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.237601  489.538576   6.647187
537.040765  28.015700  1837.789
 0.25000   14.237601  522.331845   6.647187
537.040762  20.881827  1520.416
 0.50000   14.237601  558.335812   6.647187
537.040762  14.310593  1234.770
 0.75000   14.237601  596.479573   6.647187
537.040762  10.537487  990.934809
 1.00000   14.237601  635.619694   6.647187
537.040762  16.791659  771.447493

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.739407  -194.074234  -8.807109
-275.934955  -49.285611  -1738.886
 0.25000   -14.739407  -157.720922  -8.807109
-275.934955  -39.641905  -1838.980
 0.50000   -14.739407  -122.989237  -8.807109
-275.934955  -30.523777  -1940.624
 0.75000   -14.739407  -91.405153  -8.807109
-275.934955  -25.446347  -2043.763
 1.00000   -14.739407  -68.881196  -8.807109
-275.934955  -28.113442  -2148.907

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.703212  490.751343   6.976597
539.185130  28.046947  1830.262
 0.25000   13.703212  518.390238   6.976597
539.185130  20.297188  1462.513
 0.50000   13.703212  548.736686   6.976597
539.185130  14.376051  1197.696
 0.75000   13.703212  580.886122   6.976597
539.185130  11.404965  1004.741
 1.00000   13.703212  613.875063   6.976597
539.185130  17.227741  829.820111

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.195511  -177.809198  -8.276245
-516.776568  -45.917301  -1915.586
 0.25000   -14.195511  -147.174433  -8.276245
-516.776568  -37.196160  -2013.217
 0.50000   -14.195511  -117.900074  -8.276245
-516.776568  -28.868764  -2112.145
 0.75000   -14.195511  -91.272596  -8.276245
-516.776568  -23.825152  -2212.351
 1.00000   -14.195511  -72.303393  -8.276245
-516.776568  -25.813031  -2314.330

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.773371  118.978078   0.541846
156.548285   5.233054  413.081592
 0.25000    4.773371  119.656045   0.541846
154.526032   4.702775  300.948558
 0.50000    4.773371  120.403371   0.541846
152.980171   4.393905  275.210615
 0.75000    4.773371  121.194535   0.541846
151.483970   7.286771  280.625093
 1.00000    4.773371  122.003728   0.541846
150.203256  10.535161  285.795383
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1184

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.894726  -25.390301  -3.053163
-463.361047  -8.976206 -712.316971
 0.25000   -4.894726  -24.639323  -3.053163
-464.902594  -6.570553 -726.555508
 0.50000   -4.894726  -23.917344  -3.053163
-466.420909  -4.907387 -741.245524
 0.75000   -4.894726  -23.260617  -3.053163
-467.927925  -3.339613 -756.041458
 1.00000   -4.894726  -22.813947  -3.053163
-469.970859  -2.019202 -770.984415

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.606880  281.896466   7.508334
304.229470  29.672579  1046.448
 0.25000    8.606880  289.147105   7.508334
285.464826  20.904970  803.879769
 0.50000    8.606880  297.135255   7.508334
271.112106  12.690488  657.457178
 0.75000    8.606880  305.592804   7.508334
257.223320  10.282934  577.135433
 1.00000    8.606880  314.246871   7.508334
245.339814  13.643909  522.723574

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.749685  -70.607619  -3.234126
-745.969037  -14.107433  -1266.852
 0.25000   -8.749685  -62.577356  -3.234126
-760.207476  -12.760329  -1315.760
 0.50000   -8.749685  -54.861649  -3.234126
-774.356673  -12.358664  -1365.371
 0.75000   -8.749685  -47.843489  -3.234126
-788.338669  -13.499338  -1415.617
 1.00000   -8.749685  -43.039419  -3.234126
-807.292222  -17.134450  -1466.451

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.564811  460.904924   5.339461
215.857840  24.427494  1711.331
 0.25000   14.564811  494.196830   5.339461
215.892902  19.001863  1427.752
 0.50000   14.564811  530.747018   5.339461
215.916174  13.986755  1191.265
 0.75000   14.564811  569.469928   5.339461
215.916174  13.150861  971.799685
 1.00000   14.564811  609.291553   5.339461
215.916174  15.902578  759.854500

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.677848  -195.271573  -3.667011
-588.087075  -28.985757  -1718.291
 0.25000   -14.677848  -158.364345  -3.667011
-588.087075  -26.846254  -1804.381
 0.50000   -14.677848  -123.105965  -3.667011
-588.087075  -25.056063  -1892.258
 0.75000   -14.677848  -91.043461  -3.667011
-588.087075  -24.188968  -1981.698
 1.00000   -14.677848  -68.169619  -3.667011
-588.087075  -24.722133  -2072.954

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.162664  488.893233   5.086329
475.751293  23.090940  1820.985
 0.25000   14.162664  516.158405   5.086329
475.751293  17.935839  1474.730
 0.50000   14.162664  546.094250   5.086329
475.751293  13.850651  1201.344
 0.75000   14.162664  577.808790   5.086329
475.751293  13.463834  1002.219
 1.00000   14.162664  610.351527   5.086329
475.751293  22.135312  826.366664
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1185

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -15.092797  -176.020307  -10.366605
-584.028340  -41.656197  -1912.225
 0.25000   -15.092797  -145.796352  -10.366605
-584.028340  -40.980923  -2006.809
 0.50000   -15.092797  -116.918139  -10.366605
-584.028340  -30.758576  -2102.903
 0.75000   -15.092797  -90.650399  -10.366605
-584.028340  -23.740375  -2200.339
 1.00000   -15.092797  -71.932753  -10.366605
-584.028340  -23.906610  -2299.359

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.988930  155.041418   7.211704
623.002938  35.135751  609.072326
 0.25000   13.988930  155.538245   7.211704
624.118936  27.349568  551.970452
 0.50000   13.988930  156.075839   7.211704
625.296384  20.116619  532.845136
 0.75000   13.988930  156.636593   7.211704
626.535787  14.516141  538.569382
 1.00000   13.988930  157.203019   7.211704
627.836197  10.868790  559.026915

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.788695  -43.602594  -1.161387
-269.049056  -3.435079  -966.541507
 0.25000   -6.788695  -43.183530  -1.161387
-267.879822  -2.762250  -1055.921
 0.50000   -6.788695  -42.779341  -1.161387
-266.803570  -2.573748  -1155.649
 0.75000   -6.788695  -42.408263  -1.161387
-265.817798  -4.523053  -1296.207
 1.00000   -6.788695  -42.085266  -1.161387
-264.920980  -8.889499  -1443.910

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   16.750445  359.136331   6.215886
996.325843  33.750796  1292.770
 0.25000   16.750445  363.337464   6.215886
1004.428  27.749036  1154.660
 0.50000   16.750445  367.883157   6.215886
 1012.969  22.488075  1074.450
 0.75000   16.750445  372.623860   6.215886
 1021.959  20.677804  1055.831
 1.00000   16.750445  377.412770   6.215886
 1031.394  27.165756  1075.315

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.108175  -90.702590  -11.242797
-440.377052  -46.807662  -1766.875
 0.25000  -16.108175  -87.160308  -11.242797
-431.913481  -34.626493  -1981.163
 0.50000  -16.108175  -83.744868  -11.242797
-424.119102  -23.784120  -2236.743
 0.75000  -16.108175  -80.608801  -11.242797
-416.984978  -17.257954  -2532.267
 1.00000  -16.108175  -77.879332  -11.242797
-410.492647  -17.082024  -2868.978

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.974631  568.522615   7.539869
852.493274  43.146933  1998.027
 0.25000   21.974631  596.946720   7.539869
847.074587  36.310834  1849.622
 0.50000   21.974631  627.698820   7.539869
842.052002  30.279619  1733.150
 0.75000   21.974631  659.779814   7.539869
837.429100  26.736527  1651.951
 1.00000   21.974631  692.197417   7.539869
833.212055  29.181568  1592.936
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1186

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -20.902836  -209.789240  -7.801969
-348.377931  -52.244994  -2441.429
 0.25000   -20.902836  -185.883348  -7.801969
-352.673700  -45.172226  -2787.146
 0.50000   -20.902836  -162.851583  -7.801969
-357.292000  -39.121681  -3190.768
 0.75000   -20.902836  -141.680812  -7.801969
-362.218676  -36.100265  -3652.688
 1.00000   -20.902836  -123.274650  -7.801969
-367.439262  -37.792189  -4179.412

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    22.104181  610.986045  11.539279
831.892959  55.552742  2142.936
 0.25000    22.104181  634.383780  11.539279
828.070707  43.950975  1954.340
 0.50000    22.104181  659.696489  11.539279
824.523879  33.884511  1809.751
 0.75000    22.104181  686.103025  11.539279
821.258251  28.378708  1730.626
 1.00000    22.104181  712.786909  11.539279
818.277908  30.598637  1691.004

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.371184  -198.026555  -7.173683
-606.523262  -49.277581  -2644.749
 0.25000   -19.371184  -178.348325  -7.173683
-609.457044  -43.314211  -3014.358
 0.50000   -19.371184  -159.389811  -7.173683
-612.622560  -38.807187  -3448.208
 0.75000   -19.371184  -141.962796  -7.173683
-616.007849  -38.573825  -3946.259
 1.00000   -19.371184  -126.812356  -7.173683
-619.602305  -45.235670  -4514.712

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.066130  261.246313   0.253246
297.045268  14.439139  874.312096
 0.25000    6.066130  277.112731   0.253246
317.553730   5.235071  810.858626
 0.50000    6.066130  294.274663   0.253246
339.167850   6.095236  749.599812
 0.75000    6.066130  312.176429   0.253246
361.906813   9.459459  697.364986
 1.00000    6.066130  330.259588   0.253246
385.740762  18.219020  654.796496

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.781599  -99.864537  -10.884072
-193.981259  -51.632549  -938.410541
 0.25000   -12.781599  -86.502890  -10.884072
-172.695468  -39.906145  -1099.194
 0.50000   -12.781599  -73.611489  -10.884072
-153.129205  -28.838804  -1283.679
 0.75000   -12.781599  -61.781491  -10.884072
-135.198541  -21.918848  -1491.588
 1.00000   -12.781599  -51.491171  -10.884072
-118.884944  -15.859963  -1729.472

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    13.959044  513.694301   6.221942
235.143795  30.319401  1723.201
 0.25000    13.959044  545.479444   6.221942
235.143795  24.749260  1597.638
 0.50000    13.959044  579.862656   6.221942
235.143795  20.724028  1475.294
 0.75000    13.959044  615.726278   6.221942
235.143795  18.161612  1369.253
 1.00000    13.959044  651.967057   6.221942
235.143795  22.677640  1281.225
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1187

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -17.505804  -196.649289  -7.009323
-202.814385  -56.107438  -1823.724
 0.25000   -17.505804  -169.918284  -7.009323
-202.814385  -49.644948  -2137.877
 0.50000   -17.505804  -144.165651  -7.009323
-202.814385  -43.936583  -2498.914
 0.75000   -17.505804  -120.491148  -7.009323
-202.814385  -41.384015  -2906.322
 1.00000   -17.505804  -99.910243  -7.009323
-202.814385  -43.754516  -3372.993

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    17.493799  600.247939   7.689797
678.998447  35.410005  2066.803
 0.25000    17.493799  629.278780   7.689797
679.638118  28.829840  1900.144
 0.50000    17.493799  660.683922   7.689797
680.277789  23.897402  1753.906
 0.75000    17.493799  693.443208   7.689797
680.917459  22.300034  1660.372
 1.00000    17.493799  726.543230   7.689797
681.557130  29.559410  1594.455

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.349682  -209.027993  -10.169969
-376.952101  -62.981188  -2531.682
 0.25000   -19.349682  -184.611135  -10.169969
-376.952101  -53.302383  -2886.551
 0.50000   -19.349682  -161.088157  -10.169969
-376.952101  -44.867799  -3298.330
 0.75000   -19.349682  -139.462777  -10.169969
-376.952101  -40.444807  -3767.358
 1.00000   -19.349682  -120.661987  -10.169969
-376.952101  -44.539541  -4302.835

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.683231  612.341209   7.843702
702.426771  37.953471  2144.824
 0.25000    16.683231  636.891494   7.843702
702.426771  30.904831  1959.557
 0.50000    16.683231  663.448481   7.843702
702.426771  25.814264  1803.078
 0.75000    16.683231  691.150456   7.843702
702.426771  24.664567  1724.959
 1.00000    16.683231  719.140651   7.843702
702.426771  31.486679  1679.528

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -18.659562  -199.839235  -9.793368
-668.525206  -58.982999  -2732.116
 0.25000   -18.659562  -179.192678  -9.793368
-668.525206  -49.690676  -3094.252
 0.50000   -18.659562  -159.301797  -9.793368
-668.525206  -41.609611  -3518.422
 0.75000   -18.659562  -141.016028  -9.793368
-668.525206  -37.570199  -4005.488
 1.00000   -18.659562  -125.119699  -9.793368
-668.525206  -41.480750  -4561.262

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.798119  158.690843   0.861600
230.661848   8.897457  618.478900
 0.25000    4.798119  159.309173   0.861600
229.150014   8.172663  555.959161
 0.50000    4.798119  159.980278   0.861600
227.767790   9.794472  525.764386
 0.75000    4.798119  160.680405   0.861600
226.495948  13.210801  528.250064
 1.00000    4.798119  161.388132   0.861600
225.338014  17.584612  545.919240
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1188

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.627050  -42.806826  -5.103998
-583.546977  -16.292456  -957.159862
 0.25000   -7.627050  -42.286517  -5.103998
-584.948080  -10.850643  -1045.277
 0.50000   -7.627050  -41.784732  -5.103998
-586.431714  -7.318381  -1154.642
 0.75000   -7.627050  -41.324590  -5.103998
-587.995787  -4.972071  -1285.353
 1.00000   -7.627050  -40.925007  -5.103998
-589.637887  -3.540374  -1434.484

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    11.778895  361.709051   9.399786
395.064765  38.983393  1301.685
 0.25000    11.778895  367.306843   9.399786
383.648386  29.357166  1158.965
 0.50000    11.778895  373.373397   9.399786
373.127133  22.707088  1066.368
 0.75000    11.778895  379.718954   9.399786
363.481080  20.773967  1038.787
 1.00000    11.778895  386.116548   9.399786
354.698148  24.358464  1048.335

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.224726  -92.470444  -5.110297
-897.318507  -22.780295  -1741.141
 0.25000   -11.224726  -87.760751  -5.110297
-907.913922  -19.254227  -1794.095
 0.50000   -11.224726  -83.219391  -5.110297
-919.134150  -18.206565  -2194.052
 0.75000   -11.224726  -79.050855  -5.110297
-930.964085  -20.765911  -2487.280
 1.00000   -11.224726  -75.433776  -5.110297
-943.395912  -27.411964  -2816.852

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    16.038061  560.969978   6.399418
331.049455  35.201581  1519.598
 0.25000    16.038061  589.708105   6.399418
335.136745  29.590734  1820.588
 0.50000    16.038061  620.802577   6.399418
339.380345  26.214918  1695.668
 0.75000    16.038061  653.230115   6.399418
343.788885  26.488230  1609.872
 1.00000    16.038061  685.994360   6.399418
348.369350  30.037595  1545.588

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -18.912810  -207.050478  -6.068979
-756.386717  -45.864766  -2365.864
 0.25000   -18.912810  -182.881204  -6.068979
-752.919685  -41.148404  -2702.060
 0.50000   -18.912810  -159.581312  -6.068979
-749.756640  -38.260532  -3095.790
 0.75000   -18.912810  -138.179713  -6.068979
-746.878289  -37.812538  -3548.628
 1.00000   -18.912810  -119.567451  -6.068979
-744.265903  -39.826137  -4064.478

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    15.855104  608.717630   6.188405
640.264281  32.973497  2134.223
 0.25000    15.855104  632.340345   6.188405
642.961195  28.086488  1945.837
 0.50000    15.855104  657.901124   6.188405
645.749692  25.470324  1796.155
 0.75000    15.855104  684.552503   6.188405
648.634831  26.711332  1718.199
 1.00000    15.855104  711.486276   6.188405
651.624666  36.841456  1676.869
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1189

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -21.603941  -197.727968  -12.978864
-770.620158  -69.936089  -2694.850
 0.25000   -21.603941  -177.860920  -12.978864
-768.474106  -56.902125  -3054.943
 0.50000   -21.603941  -158.709948  -12.978864
-766.522250  -45.594558  -3477.607
 0.75000   -21.603941  -141.110042  -12.978864
-764.749631  -37.761929  -3963.475
 1.00000   -21.603941  -125.818093  -12.978864
-763.142686  -38.898127  -4518.248

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    15.818923  490.751343   8.791921
802.753756  37.593553  1837.789
 0.25000    15.818923  522.331845   8.791921
813.952401  27.796913  1520.416
```

```
 0.50000     15.818923    558.335812      8.791921
824.984527    18.623957   1234.770
 0.75000     15.818923    596.479573      8.791921
835.925415    14.430375   1007.793
 1.00000     15.818923    635.619694      8.791921
850.760424    22.135312    831.756777

 COMB       DB ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -16.495408  -195.271573  -10.366605
-745.969037   -51.656197   -1918.798
 0.25000   -16.495408  -158.652924  -10.366605
-760.270476   -40.980923   -2014.303
 0.50000   -16.495408  -123.692758  -10.366605
-774.356673   -30.758576   -2112.145
 0.75000   -16.495408   -91.899459  -10.366605
-788.338669   -25.820957   -2212.351
 1.00000   -16.495408   -72.351252  -10.366605
-807.292222   -28.302774   -2314.330

 COMB       DL ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    22.104181   612.341209    11.539279
996.325843    55.552742    2144.824
 0.25000    22.104181   636.891494    11.539279
 1004.428    43.950975    1959.557
 0.50000    22.104181   663.448481    11.539279
 1012.969    33.884511    1809.751
 0.75000    22.104181   693.443208    11.539279
 1021.959    28.378708    1730.626
 1.00000    22.104181   726.543230    11.539279
 1031.394    36.841456    1691.004

 COMB       DL ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -21.603941  -209.789240  -12.978864
-897.318507   -69.936089   -2732.116
 0.25000   -21.603941  -185.883348  -12.978864
-907.913922   -56.902125   -3094.252
 0.50000   -21.603941  -162.851583  -12.978864
-919.134150   -45.594558   -3518.422
 0.75000   -21.603941  -141.962796  -12.978864
-930.964085   -41.384015   -4005.488
 1.00000   -21.603941  -126.812356  -12.978864
-943.395912   -45.235670   -4561.262

 COMB       CAR ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    22.104181   612.341209    11.539279
996.325843    55.552742    2144.824
 0.25000    22.104181   636.891494    11.539279
 1004.428    43.950975    1959.557
 0.50000    22.104181   663.448481    11.539279
 1012.969    33.884511    1809.751
 0.75000    22.104181   693.443208    11.539279
 1021.959    28.378708    1730.626
 1.00000    22.104181   726.543230    11.539279
 1031.394    36.841456    1691.004
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1190

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       CAR ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -21.603941  -209.789240  -12.978864
-897.318507   -69.936089   -2732.116
 0.25000   -21.603941  -185.883348  -12.978864
-907.913922   -56.902125   -3094.252
 0.50000   -21.603941  -162.851583  -12.978864
-919.134150   -45.594558   -3518.422
 0.75000   -21.603941  -141.962796  -12.978864
-930.964085   -41.384015   -4005.488
 1.00000   -21.603941  -126.812356  -12.978864
-943.395912   -45.235670   -4561.262

 COMB     DESIGN ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    22.104181   612.341209    11.539279
996.325843    55.552742    2144.824
 0.25000    22.104181   636.891494    11.539279
 1004.428    43.950975    1959.557
 0.50000    22.104181   663.448481    11.539279
 1012.969    33.884511    1809.751
 0.75000    22.104181   693.443208    11.539279
 1021.959    28.378708    1730.626
 1.00000    22.104181   726.543230    11.539279
 1031.394    36.841456    1691.004

 COMB     DESIGN ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -21.603941  -209.789240  -12.978864
-897.318507   -69.936089   -2732.116
 0.25000   -21.603941  -185.883348  -12.978864
-907.913922   -56.902125   -3094.252
 0.50000   -21.603941  -162.851583  -12.978864
-919.134150   -45.594558   -3518.422
 0.75000   -21.603941  -141.962796  -12.978864
-930.964085   -41.384015   -4005.488
 1.00000   -21.603941  -126.812356  -12.978864
-943.395912   -45.235670   -4561.262

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=    3.471017

 COMB DB-G1-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.480211   104.775840    16.075207
418.766228    5.534126   290.860856
 0.25000    6.480211   105.226174    16.075207
419.812021    5.452903   296.733416
 0.50000    6.480211   105.693674    16.075207
420.821129    7.412366   303.779395
 0.75000    6.480211   106.173432    16.075207
421.796117    9.438488   310.825377
 1.00000    6.480211   106.646763    16.075207
422.743621   11.508441   317.871358

 COMB DB-G1-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.349208   -41.068249    -2.550869
-332.321849    -4.450834  -772.660272
 0.25000   -6.349208   -40.826690    -2.550869
-331.359030   -17.334539  -771.010818
 0.50000   -6.349208   -40.585207    -2.550869
-330.421069   -30.460272  -769.863536
 0.75000   -6.349208   -40.445600    -2.550869
-329.504599   -43.712080  -769.606046
 1.00000   -6.349208   -40.445516    -2.550869
-328.732823   -56.965853  -769.870964

 COMB DB-G1-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   10.096798   313.599105    14.582064
733.948481   18.577330   533.657826
 0.25000   10.096798   318.128860    14.582064
743.367424   50.651784   534.609801
 0.50000   10.096798   322.830244    14.582064
752.456749   85.147987   547.389209
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1191

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000   10.096798   327.654061    14.582064
761.238575   119.802071   560.168620
 1.00000   10.096798   332.412629    14.582064
769.776314   154.518029   572.948030

 COMB DB-G1-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -11.078912   -56.448606   -40.464448
-528.412387    -9.454156   -1490.754
 0.25000   -11.078912   -54.018409   -40.464448
-519.730544   -17.163410   -1529.335
 0.50000   -11.078912   -51.588356   -40.464448
-511.270878   -27.555399   -1569.165
 0.75000   -11.078912   -50.285893   -40.464448
-503.002007   -38.358148   -1610.091
 1.00000   -11.078912   -50.285054   -40.464448
-496.035774   -49.594780   -1651.997

 COMB DB-G1-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    16.511201   586.676762    13.230406
585.524207   15.816358   775.573207
 0.25000    16.511201   613.783507    13.230406
584.801588   32.003805   720.496036
 0.50000    16.511201   641.864706    13.230406
584.850588   50.269788   737.528799
 0.75000    16.511201   670.631793    13.230406
584.850588   70.628204   754.561563
 1.00000    16.511201   698.975959    13.230406
584.850588   92.817957   771.594328

 COMB DB-G1-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -17.118940   -94.347615   -28.227957
-405.093474   -21.639957   -2103.353
 0.25000   -17.118940   -79.780057   -28.227957
-405.093474   -23.300466   -2199.205
 0.50000   -17.118940   -65.239445   -28.227957
-405.482310   -26.420573   -2299.008
 0.75000   -17.118940   -62.862024   -28.227957
-407.061186   -34.337995   -2402.136
 1.00000   -17.118940   -62.862024   -28.227957
-408.421953   -44.117875   -2508.218

 COMB DB-G1-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    15.673701   621.867691    31.785404
648.308673   15.725005   831.729849
 0.25000    15.673701   644.149847    31.785404
648.308673   28.800959   790.976776
 0.50000    15.673701   667.231879    31.785404
648.308673   46.095485   809.474875
 0.75000    15.673701   690.857513    31.785404
648.308673   64.877973   827.975480
 1.00000    15.673701   714.177490    31.785404
648.308673   85.083501   846.476085

 COMB DB-G1-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -16.153847   -92.922691   -25.928647
-593.596316   -26.598896   -2309.451
 0.25000   -16.153847   -80.949140   -25.928647
-593.596316   -45.557407   -2410.641
 0.50000   -16.153847   -68.997501   -25.928647
-593.596316   -66.141008   -2515.406
 0.75000   -16.153847   -66.979820   -25.928647
-593.596316   -91.613405   -2623.137
 1.00000   -16.153847   -66.979820   -25.928647
-593.596316   -118.047653   -2733.507

 COMB DB-G2-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.514930   306.397960    0.356399
272.586187   15.139004   308.620415
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1192

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000    6.514930   320.929778    0.356399
289.856780   51.077737   276.999572
 0.50000    6.514930   336.000097    0.356399
306.524753   87.409269   263.609738
 0.75000    6.514930   351.452979    0.356399
322.648767   124.208524   290.219927
 1.00000    6.514930   366.689473    0.356399
338.355814   160.808392   296.830116

 COMB DB-G2-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.447763   -39.996947   -42.919217
-187.705316    -8.474119   -864.224259
 0.25000   -7.447763   -32.195556   -42.919217
-171.655154    -2.810767   -924.904615
 0.50000   -7.447763   -24.402226   -42.919217
-155.978943    -2.525591   -987.364366
 0.75000   -7.447763   -21.406417   -42.919217
-140.617554    -2.348007   -1051.700
 1.00000   -7.447763   -21.403759   -42.919217
-127.635543    -2.653126   -1117.110

 COMB DB-G2-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.018757   608.138953    16.633771
220.190252   13.164492   599.002107
 0.25000    13.018757   637.770494    16.633771
220.190252   32.462854   532.782034
 0.50000    13.018757   668.363531    16.633771
220.190252   53.215339   545.211778
 0.75000    13.018757   699.756006    16.633771
220.190252   75.582363   557.641524
 1.00000    13.018757   730.687742    16.633771
220.190252   99.753263   570.071270

 COMB DB-G2-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -13.830823   -75.512686   -31.292942
-191.011035   -25.749604   -1668.901
 0.25000   -13.830823   -59.617166   -31.292942
-191.011035   -31.442599   -1789.501
 0.50000   -13.830823   -43.750650   -31.292942
-191.011035   -38.397739   -1914.376
 0.75000   -13.830823   -41.049326   -31.292942
-191.011035   -51.785290   -2042.907
 1.00000   -13.830823   -41.049326   -31.292942
-191.011035   -66.191573   -2174.521

 COMB DB-G2-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    14.791513   648.083556    20.355126
521.414755   15.442199   771.396115
 0.25000    14.791513   674.995027    20.355126
521.414755   45.550654   716.744172
 0.50000    14.791513   702.871015    20.355126
521.414755   77.463828   733.616532
 0.75000    14.791513   731.429360    20.355126
521.414755   110.386352   750.488893
 1.00000    14.791513   759.569035    20.355126
521.414755   144.726890   767.361255

 COMB DB-G2-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -15.329984   -86.983255   -43.098103
-410.007284   -26.700014   -2148.325
 0.25000   -15.329984   -72.523716   -43.098103
-410.007284   -35.790652   -2266.306
 0.50000   -15.329984   -58.090322   -43.098103
-410.007284   -46.071199   -2388.123
 0.75000   -15.329984   -55.567969   -43.098103
-410.007284   -62.146860   -2513.357
 1.00000   -15.329984   -55.567969   -43.098103
-410.007284   -79.884985   -2641.679
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1193

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    14.272687   623.561135    22.893298
613.108228   15.059023   829.841953
 0.25000    14.272687   646.250165    22.893298
613.108228   41.399790   787.314525
 0.50000    14.272687   669.753362    22.893298
613.108228   70.627208   806.312930
 0.75000    14.272687   693.831379    22.893298
613.108228   101.047412   824.716339
 1.00000    14.272687   717.556008    22.893298
613.108228   132.820939   843.119748

 COMB DB-G2-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -14.767041   -87.319079   -39.284394
-594.140038   -24.803183   -2314.454
 0.25000   -14.767041   -75.127221   -39.284394
-594.140038   -37.334401   -2417.785
 0.50000   -14.767041   -62.957609   -39.284394
-594.140038   -50.995219   -2524.279
 0.75000   -14.767041   -60.885695   -39.284394
-594.140038   -69.632249   -2633.602
 1.00000   -14.767041   -60.885695   -39.284394
-594.140038   -89.021018   -2745.500

 COMB DB-G3-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.982122   108.056279    2.554218
298.662155    6.961979   285.903970
 0.25000    4.982122   108.629005    2.554218
297.467054   12.032802   290.987762
 0.50000    4.982122   109.223952    2.554218
296.309832   17.830351   297.651969
 0.75000    4.982122   109.839655    2.554218
295.186280   23.792488   304.324203
 1.00000    4.982122   110.431313    2.554218
294.247445   29.841502   310.997093

 COMB DB-G3-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.133564   -39.126529    -7.154228
-407.292409    -1.848277   -771.959027
 0.25000   -5.133564   -38.816779    -7.154228
-408.616203    -2.897449   -767.122512
 0.50000   -5.133564   -38.573343    -7.154228
-409.893568    -4.070409   -762.858659
 0.75000   -5.133564   -38.573343    -7.154228
-411.124281    -6.116413   -758.846332
 1.00000   -5.133564   -38.573343    -7.154228
-412.313821    -8.209364   -755.578462

 COMB DB-G3-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    8.962840   331.734455    33.257495
492.100680    8.987865   522.927035
 0.25000    8.962840   337.836208    33.257495
481.013216   15.053445   517.965178
 0.50000    8.962840   344.172357    33.257495
470.281976   21.763400   529.759999
 0.75000    8.962840   350.654356    33.257495
459.867968   29.047111   541.564946
 1.00000    8.962840   357.034437    33.257495
451.171393   36.780369   553.369892

 COMB DB-G3-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -9.098351   -53.850969    -9.742400
-687.056396   -16.377992   -1467.925
 0.25000   -9.098351   -50.553738    -9.742400
-699.355828   -11.552580   -1505.767
 0.50000   -9.098351   -47.797431    -9.742400
-711.223649   -68.031740   -1545.497
 0.75000   -9.098351   -47.797431    -9.742400
-722.655640   -95.513934   -1586.812
 1.00000   -9.098351   -47.797431    -9.742400
-733.700757   -123.466968   -1629.468
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1194

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    15.197286   592.668859    16.159058
388.366930   11.343912   759.973742
 0.25000    15.197286   619.983417    16.159058
388.366930   18.275941   703.607374
 0.50000    15.197286   648.276130    16.159058
388.366930   27.122269   718.814455
 0.75000    15.197286   677.261813    16.159058
388.366930   37.007565   736.038730
 1.00000    15.197286   705.822887    16.159058
388.366930   48.265331   752.259004

 COMB DB-G3-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -15.348427   -92.339932   -16.707628
-531.810550   -23.362769   -2074.203
 0.25000   -15.348427   -77.664666   -16.707628
-531.810550   -27.930028   -2167.118
 0.50000   -15.348427   -63.015769   -16.707628
-531.810550   -33.510040   -2264.185
 0.75000   -15.348427   -60.410730   -16.707628
-531.810550   -46.492776   -2364.812
 1.00000   -15.348427   -60.410730   -16.707628
-531.810550   -59.889511   -2468.268

 COMB DB-G3-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    14.725399   617.073663    15.311410
599.149010   18.066427   826.430783
 0.25000    14.725399   639.454566    15.311410
599.149010   51.423179   785.236736
 0.50000    14.725399   662.638402    15.311410
599.149010   86.600683   803.543976
 0.75000    14.725399   686.389337    15.311410
599.149010   123.029405   821.858878
 1.00000    14.725399   709.791756    15.311410
599.149010   160.892299   840.173779

 COMB DB-G3-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -15.638781   -91.917204   -46.330290
-614.162143   -22.771647   -2299.907
 0.25000   -15.638781   -79.851103   -46.330290
-614.162143   -27.799565   -2397.723
 0.50000   -15.638781   -67.886910   -46.330290
-614.162143   -33.887772   -2499.114
 0.75000   -15.638781   -65.833329   -46.330290
-614.162143   -45.487325   -2603.674
 1.00000   -15.638781   -65.833329   -46.330290
-614.162143   -58.075219   -2710.652

 COMB DL-G1-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    14.269730   137.982354    37.998186
559.584640   10.377338   558.873197
 0.25000    14.269730   138.392016    37.998186
560.488079    9.446983   579.743541
 0.50000    14.269730   138.815423    37.998186
561.407365   13.412800   603.974319
 0.75000    14.269730   139.243385    37.998186
562.345923   17.426843   630.570542
 1.00000    14.269730   139.667661    37.998186
563.304882   21.464437   659.470674

 COMB DL-G1-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -6.975631   -64.889824    -4.714097
-458.540039    -8.706901   -1444.700
 0.25000   -6.975631   -64.638456    -4.714097
-457.624178   -36.738547   -1525.564
 0.50000   -6.975631   -64.401191    -4.714097
-456.781365   -69.675493   -1610.790
 0.75000   -6.975631   -64.180243    -4.714097
-456.006594   -102.636112   -1699.120
 1.00000   -6.975631   -64.059639    -4.714097
-455.295087   -135.602242   -1790.396
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1195

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    17.128240   417.476141    32.403081
946.177141   26.251182   1075.003
 0.25000    17.128240   420.951680    32.403081
952.717799   63.014540   1062.480
 0.50000    17.128240   424.544939    32.403081
959.379385   108.639040   1086.106
 0.75000    17.128240   428.179402    32.403081
966.185790   154.824659   1125.802
 1.00000    17.128240   431.779724    32.403081
973.136882   201.181284   1174.802

 COMB DL-G1-2 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -16.470506   -96.352232   -53.802544
-703.053860   -17.743751   -2870.290
 0.25000   -16.470506   -94.226304   -53.802544
-696.423496   -35.425045   -3123.805
 0.50000   -16.470506   -92.219440   -53.802544
-690.320580   -61.737927   -3396.759
 0.75000   -16.470506   -90.402326   -53.802544
-684.707763   -88.728071   -3688.992
 1.00000   -16.470506   -89.442200   -53.802544
-679.553827   -116.017563   -3988.996

 COMB DL-G1-3 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    22.658226   745.263565    31.012781
802.604323   28.065984   1592.740
 0.25000    22.658226   769.376146    31.012781
798.330090   48.484663   1545.520
 0.50000    22.658226   794.291182    31.012781
794.439273   75.713342   1523.715
 0.75000    22.658226   819.483515    31.012781
790.957055   106.189962   1535.159
 1.00000    22.658226   844.454639    31.012781
787.900619   141.331627   1596.966

 COMB DL-G1-3 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -21.556224   -153.479912   -42.239051
-579.010541   -38.457476   -4180.460
 0.25000   -21.556224   -139.028790   -42.239051
-582.877818   -47.653048   -4631.748
 0.50000   -21.556224   -125.447541   -42.239051
-586.798856   -64.494844   -5118.896
 0.75000   -21.556224   -113.173251   -42.239051
-590.723485   -86.507727   -5644.040
 1.00000   -21.556224   -111.677395   -42.239051
-594.601697   -112.269630   -6202.338

 COMB DL-G1-4 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    22.719255   798.477172    48.024614
872.220351   28.970573   1690.932
 0.25000    22.719255   818.314779    48.024614
869.203224   45.981972   1641.026
 0.50000    22.719255   838.817109    48.024614
866.461224   69.982874   1634.898
 0.75000    22.719255   859.548082    48.024614
864.016240   97.140541   1661.453
 1.00000    22.719255   880.095786    48.024614
861.887196   128.697235   1729.505

 COMB DL-G1-4 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -19.947852   -150.541295   -38.420881
-787.195038   -45.227850   -4515.098
 0.25000   -19.947852   -138.646039   -38.420881
-789.888379   -70.303084   -5004.906
 0.50000   -19.947852   -127.462777   -38.420881
-792.616582   -102.124884   -5537.800
 0.75000   -19.947852   -117.360825   -38.420881
-795.337911   -138.820521   -6108.581
 1.00000   -19.947852   -116.078761   -38.420881
-798.011985   -178.956465   -6708.124
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1196

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ---------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.297085   379.740539    0.360360
319.764195   17.759852   654.607242
 0.25000    6.297085   392.967608    0.360360
336.260979   57.524086   609.721985
 0.50000    6.297085   406.645568    0.360360
353.077311   103.930941   585.669859
 0.75000    6.297085   420.471138    0.360360
370.248492   151.819663   578.861315
 1.00000    6.297085   434.164029    0.360360
387.811782   199.923912   600.607165

 COMB DL-G2-1 ---------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -13.107181   -60.925477   -55.706941
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-232.619065  -16.315630   -1729.898
 0.25000   -13.107181  -52.882476   -55.706941
-215.940829   -6.226437   -1957.469
 0.50000   -13.107181  -45.296442   -55.706941
-200.619525   -4.465829   -2204.414
 0.75000   -13.107181  -38.444060   -55.706941
-186.494432   -4.212361   -2473.699
 1.00000   -13.107181  -35.677632   -55.706941
-173.493403   -4.251303   -2760.385

 COMB DL-G2-2 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.488845   759.361474   17.805086
280.085635   21.907530   1281.225
 0.25000   14.488845   786.276782   17.805086
280.085635   43.449367   1186.961
 0.50000   14.488845   814.081146   17.805086
280.085635   67.437557   1135.389
 0.75000   14.488845   842.200937   17.805086
280.085635   98.087316   1122.840
 1.00000   14.488845   870.077701   17.805086
280.085635  132.134994   1165.360

 COMB DL-G2-2 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.063203  -115.772845   -41.678272
-237.931905   -44.217067   -3373.029
 0.25000  -18.063203   -99.622066   -41.678272
-237.931905   -44.641156   -3826.727
 0.50000  -18.063203   -84.450366   -41.678272
-237.931905   -47.509031   -4321.258
 0.75000  -18.063203   -70.727505   -41.678272
-237.931905   -58.900627   -4860.577
 1.00000  -18.063203   -68.659431   -41.678272
-237.931905   -73.589887   -5436.112

 COMB DL-G2-3 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.045577   823.592619   24.790790
684.763361   28.486618   1594.352
 0.25000   18.045577   848.169625   24.790790
685.152412   61.027163   1526.035
 0.50000   18.045577   873.557335   24.790790
685.523402   95.871898   1499.360
 0.75000   18.045577   899.234274   24.790790
685.880921  137.466594   1509.526
 1.00000   18.045577   924.683775   24.790790
686.232824  181.525046   1569.981

 COMB DL-G2-3 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.951952  -137.259303   -53.035560
-540.374425   -45.284676   -4302.961
 0.25000  -19.951952  -122.508545   -53.035560
-540.315653   -52.739460   -4793.010
 0.50000  -19.951952  -108.651988   -53.035560
-540.238819   -62.521558   -5326.814
 0.75000  -19.951952   -96.137469   -53.035560
-540.148513   -81.114138   -5912.747
 1.00000  -19.951952   -94.143815   -53.035560
-540.052592  -101.879154   -6541.056
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1197

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.227434   797.903404   27.909229
809.228593   28.421884   1679.531
 0.25000   17.227434   818.692315   27.909229
809.228593   57.769590   1634.340
 0.50000   17.227434   840.167916   27.909229
809.228593   90.127623   1627.189
 0.75000   17.227434   861.887147   27.909229
809.228593  128.030498   1652.072
 1.00000   17.227434   883.418669   27.909229
809.228593  168.866950   1719.444

 COMB DL-G2-4 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.235604  -139.202878   -49.275345
-774.080004   -40.688432   -4560.823
 0.25000  -19.235604  -126.728300   -49.275345
-774.080004   -51.635990   -5045.928
 0.50000  -19.235604  -115.009946   -49.275345
-774.080004   -64.947680   -5574.999
 0.75000  -19.235604  -104.410650   -49.275345
-774.080004   -85.231056   -6149.378
 1.00000  -19.235604  -102.813306   -49.275345
-774.080004  -108.381355   -6759.887

 COMB DL-G3-1 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   4.997405   139.531329   4.096604
402.664507   15.248368   545.986774
 0.25000   4.997405   140.068377   4.096604
401.483635   25.916227   563.274882
 0.50000   4.997405   140.625399   4.096604
400.399094   37.719058   584.436563
 0.75000   4.997405   141.189158   4.096604
399.405113   50.917444   608.666418
 1.00000   4.997405   141.745656   4.096604
398.498434   62.966310   635.254176

 COMB DL-G3-1 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.869386   -62.066692   -15.351865
-528.640737   -3.237879   -1433.624
 0.25000   -7.869386   -61.749599   -15.351865
-529.790283   -4.026848   -1511.060
 0.50000   -7.869386   -61.451810   -15.351865
-530.961443   -4.918959   -1593.945
 0.75000   -7.869386   -61.261288   -15.351865
-532.153227   -8.597513   -1680.900
 1.00000   -7.869386   -61.259364   -15.351865
-533.365577  -11.684256   -1770.308

 COMB DL-G3-2 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.140939   432.442528   37.909832
630.605562   21.464810   1048.653
 0.25000   12.140939   437.284182   37.909832
621.644708   30.454441   1025.294
 0.50000   12.140939   442.302118   37.909832
613.429103   40.778017   1041.179
 0.75000   12.140939   447.379906   37.909832
605.904346   52.099058   1076.157
 1.00000   12.140939   452.400866   37.909832
599.039581   64.387397   1121.711

 COMB DL-G3-2 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.569269   -91.723082   -16.342194
-850.776367   -27.180011   -2815.575
 0.25000  -11.569269   -88.85653   -16.342194
-859.469248   -50.728661   -3066.934
 0.50000  -11.569269   -86.160637   -16.342194
-868.347948   -83.556093   -3341.404
 0.75000  -11.569269   -84.276940   -16.342194
-877.370986  -113.829077   -3638.301
 1.00000  -11.569269   -84.252659   -16.342194
-886.540251  -145.012770   -3948.275
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1198

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.660079   739.198133   21.580127
541.168372   26.890268   1545.786
 0.25000   16.660079   763.497956   21.580127
544.125357   37.539224   1492.635
 0.50000   16.660079   788.588530   21.580127
547.158939   51.237998   1467.203
 0.75000   16.660079   813.977867   21.580127
550.323445   72.724051   1473.909
 1.00000   16.660079   839.130937   21.580127
553.670318   95.845613   1531.775

 COMB DL-G3-3 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.579106  -149.038879   -29.944835
-710.834474   -39.841113   -4063.453
 0.25000  -19.579106  -134.441680   -29.944835
-708.144221   -41.867279   -4505.164
 0.50000  -19.579106  -120.728070   -29.944835
-705.627721   -47.543646   -4984.885
 0.75000  -19.579106  -108.315536   -29.944835
-703.230665   -63.210847   -5502.811
 1.00000  -19.579106  -106.073106   -29.944835
-700.905541   -80.608255   -6054.322

 COMB DL-G3-4 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.399432   789.484300   20.692036
805.774373   33.909297   1676.936
 0.25000   16.399432   809.460385   20.692036
807.665390   73.239106   1627.694
 0.50000   16.399432   830.094210   20.692036
809.609643  115.790439   1620.302
 0.75000   16.399432   850.974044   20.692036
811.650079  164.918672   1645.136
 1.00000   16.399432   871.653201   20.692036
813.829619  215.623022   1712.132

 COMB DL-G3-4 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.208952  -149.442761   -61.213935
-823.498850   -39.239085   -4517.651
 0.25000  -22.208952  -137.444957   -61.213935
-821.838436   -42.220724   -4991.845
 0.50000  -22.208952  -126.167218   -61.213935
-820.277677   -48.815748   -5507.953
 0.75000  -22.208952  -115.967392   -61.213935
-818.773127   -63.836754   -6073.099
 1.00000  -22.208952  -114.180101   -61.213935
-817.286784   -80.545502   -6655.172

 COMB      DB ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.511201   648.083556   33.257495
732.647481   18.577330   831.279849
 0.25000   16.511201   674.995027   33.257495
743.367424   51.423179   790.976776
 0.50000   16.511201   702.871015   33.257495
752.456749   87.609269   809.474875
 0.75000   16.511201   731.429360   33.257495
761.238575  124.208524   827.975480
 1.00000   16.511201   759.569035   33.257495
769.776314  160.892299   846.476085

 COMB      DB ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.118940   -94.347615   -46.330290
-687.056396   -26.700014   -2314.454
 0.25000  -17.118940   -80.949140   -46.330290
-699.355828   -45.557407   -2417.785
 0.50000  -17.118940   -68.997501   -46.330290
-711.223649   -68.031740   -2524.279
 0.75000  -17.118940   -66.978920   -46.330290
-722.655640   -95.513934   -2633.602
 1.00000  -17.118940   -66.979820   -46.330290
-733.700757  -123.466968   -2745.500
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1199

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.719255   823.592619   48.024614
946.177141   33.909297   1690.932
 0.25000   22.719255   848.169625   48.024614
952.717799   73.239106   1641.026
 0.50000   22.719255   873.557335   48.024614
959.379385  115.790439   1634.898
 0.75000   22.719255   899.234274   48.024614
966.185790  164.918672   1661.453
 1.00000   22.719255   924.683775   48.024614
973.136882  215.623022   1729.505

 COMB      DL ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.208952  -153.479912   -61.213935
-850.776367   -45.284676   -4560.823
 0.25000  -22.208952  -139.028790   -61.213935
-859.469248   -70.303084   -5045.928
 0.50000  -22.208952  -127.462777   -61.213935
-868.347948  -102.124884   -5574.999
 0.75000  -22.208952  -117.360825   -61.213935
-877.370986  -138.820521   -6149.378
 1.00000  -22.208952  -116.078761   -61.213935
-886.540251  -178.956465   -6759.887

 COMB      CAR ------------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.719255   823.592619   48.024614
946.177141   33.909297   1690.932
 0.25000   22.719255   848.169625   48.024614
952.717799   73.239106   1641.026
 0.50000   22.719255   873.557335   48.024614
959.379385  115.790439   1634.898
 0.75000   22.719255   899.234274   48.024614
966.185790  164.918672   1661.453
 1.00000   22.719255   924.683775   48.024614
973.136882  215.623022   1729.505

 COMB      CAR ------------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.208952  -153.479912   -61.213935
-850.776367   -45.284676   -4560.823
 0.25000  -22.208952  -139.028790   -61.213935
-859.469248   -70.303084   -5045.928
 0.50000  -22.208952  -127.462777   -61.213935
-868.347948  -102.124884   -5574.999
 0.75000  -22.208952  -117.360825   -61.213935
-877.370986  -138.820521   -6149.378
 1.00000  -22.208952  -116.078761   -61.213935
-886.540251  -178.956465   -6759.887

 COMB  DESIGN ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.719255   823.592619   48.024614
946.177141   33.909297   1690.932
 0.25000   22.719255   848.169625   48.024614
952.717799   73.239106   1641.026
 0.50000   22.719255   873.557335   48.024614
959.379385  115.790439   1634.898
 0.75000   22.719255   899.234274   48.024614
966.185790  164.918672   1661.453
 1.00000   22.719255   924.683775   48.024614
973.136882  215.623022   1729.505

 COMB  DESIGN ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -22.208952  -153.479912   -61.213935
-850.776367   -45.284676   -4560.823
 0.25000  -22.208952  -139.028790   -61.213935
-859.469248   -70.303084   -5045.928
 0.50000  -22.208952  -127.462777   -61.213935
-868.347948  -102.124884   -5574.999
 0.75000  -22.208952  -117.360825   -61.213935
-877.370986  -138.820521   -6149.378
 1.00000  -22.208952  -116.078761   -61.213935
-886.540251  -178.956465   -6759.887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1200

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      89 ================== LENGTH
=    3.470356

 COMB DB-G1-1 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   4.880233   40.882561   2.687743
328.389777   11.204115   321.701361
 0.25000   4.880233   40.882561   2.687743
329.162060   8.960964   297.609524
 0.50000   4.880233   40.945690   2.687743
330.078466   6.797943   273.517687
 0.75000   4.880233   41.186592   2.687743
331.016498   4.680868   252.058134
 1.00000   4.880233   41.427560   2.687743
331.979420   5.636904   247.373255

 COMB DB-G1-1 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.754819  -107.770317   -16.055673
-423.176645   -57.014868  -762.494915
 0.25000   -4.754819  -107.298128   -16.055673
-422.229620   -43.755109  -749.878511
 0.50000   -4.754819  -106.819536   -16.055673
-421.255033   -30.496456  -751.174342
 0.75000   -4.754819  -106.353225   -16.055673
-420.246181   -17.379975  -753.013836
 1.00000   -4.754819  -105.904081   -16.055673
-419.200847   -4.479051  -755.555790

 COMB DB-G1-2 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   7.757555   53.280578   40.630451
495.536957   15.677665   576.627674
 0.25000   7.757555   53.280578   40.630451
502.505931  119.225830  533.625397
 0.50000   7.757555   53.818823   40.630451
510.775907   84.393902  490.623120
 0.75000   7.757555   56.242099   40.630451
519.237066   49.708328  459.185910
 1.00000   7.757555   58.665471   40.630451
527.919631   18.704704  468.423589

 COMB DB-G1-2 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.818594  -333.937323   -14.581889
-770.337935   -49.991547   -1648.934
 0.25000   -8.818594  -329.190237   -14.581889
-761.804799   -38.036239   -1577.260
 0.50000   -8.818594  -324.378116   -14.581889
-753.026440   -27.087245   -1537.357
 0.75000   -8.818594  -319.688664   -14.581889
-743.940905   -14.756060   -1498.777
 1.00000   -8.818594  -315.170864   -14.581889
-734.525428    -9.070278   -1461.527

 COMB DB-G1-3 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.859376   68.772179   28.410228
407.995753   92.118227  774.519063
 0.25000   12.859376   68.772179   28.410228
406.639517   69.829386  716.990320
 0.50000   12.859376   68.772179   28.410228
405.643682   49.112441  659.461677
 0.75000   12.859376   81.292822   28.410228
405.643682   30.564406  645.484726
 1.00000   12.859376   95.829008   28.410228
405.643682   15.385317  717.616417

 COMB DB-G1-3 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.560317  -700.480959   -13.270138
-585.582178   -44.592306   -2517.677
 0.25000  -13.560317  -672.205186   -13.270138
-585.582178   -34.245710   -2361.344
 0.50000  -13.560317  -643.550673   -13.270138
-585.582178   -25.808713   -2259.287
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1201

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000  -13.560317  -615.495549   -13.270138
-585.582178   -22.640465   -2160.291
 1.00000  -13.560317  -588.458684   -13.270138
-586.112167   -21.103876   -2065.568

 COMB DB-G1-4 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.498985   74.475246   26.062636
593.864923   84.226689  848.401189
 0.25000   12.498985   74.475246   26.062636
593.864923   63.969242  785.568820
 0.50000   12.498985   74.475246   26.062636
593.864923   45.228749  722.736450
 0.75000   12.498985   84.827527   26.062636
593.864923   27.476996  698.884158
 1.00000   12.498985   96.775247   26.062636
593.864923   15.200025  760.530577

 COMB DB-G1-4 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.790155  -715.858245   -31.812737
-648.993168  -118.426196   -2744.025
 0.25000  -12.790155  -692.615277   -31.812737
-648.993168   -91.524495   -2577.713
 0.50000  -12.790155  -669.025343   -31.812737
-648.993168   -65.522102   -2471.273
 0.75000  -12.790155  -646.000845   -31.812737
-648.993168   -45.001174   -2367.535
 1.00000  -12.790155  -623.776248   -31.812737
-648.993168   -26.142466   -2267.691

 COMB DB-G2-1 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.224263   25.250275   42.922820
127.531397  160.766639  296.183815
 0.25000   5.224263   25.250275   42.922820
140.522424  124.180925  274.276962
 0.50000   5.224263   25.838820   42.922820
155.887104   87.596123  252.370110
 0.75000   5.224263   33.614426   42.922820
171.567475   51.074147  254.163448
 1.00000   5.224263   41.397779   42.922820
187.622943   15.130601  297.457614

 COMB DB-G2-1 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -6.226908  -366.998313   -0.257207
-338.427586   -2.764457   -1127.007
 0.25000  -6.226908  -351.798591   -0.257207
-322.732925   -2.546694   -1037.601
 0.50000  -6.226908  -336.382945   -0.257207
-306.619434   -2.445474  -973.554230
 0.75000  -6.226908  -321.350588   -0.257207
-289.960402   -2.871208   -911.095998
 1.00000  -6.226908  -306.867969   -0.257207
-272.697556   -8.239406  -850.525983

 COMB DB-G2-2 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.584175   48.390398   31.315413
191.547933   99.240630   569.153686
 0.25000   10.584175   48.390398   31.315413
191.547933   75.190043   527.170711
 0.50000   10.584175   48.390398   31.315413
191.547933   53.058837   485.187736
 0.75000   10.584175   62.155469   31.315413
191.547933   32.058191   489.600755
 1.00000   10.584175   78.016682   31.315413
191.547933   12.586639   582.103836

 COMB DB-G2-2 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.300304  -731.220241   -16.598685
-220.528897   -66.377743   -2195.602
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1202

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000  -11.300304  -700.363190   -16.598685
-220.528897   -52.115284   -2016.117
 0.50000  -11.300304  -669.045675   -16.598685
-220.528897   -37.942807   -1888.031
 0.75000  -11.300304  -638.479023   -16.598685
-220.528897   -31.028091   -1763.014
 1.00000  -11.300304  -608.973941   -16.598685
-220.528897   -25.382078   -1642.595

 COMB DB-G2-3 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.755928   65.612622   43.110090
409.578340   144.322913   768.500871
 0.25000   11.755928   65.612622   43.110090
409.578340   110.077844   711.576085
 0.50000   11.755928   65.612622   43.110090
409.578340   77.352976   654.651299
 0.75000   11.755928   78.196735   43.110090
409.578340   45.476659   642.054357
 1.00000   11.755928   92.625019   43.110090
409.578340   14.961041   720.365440

 COMB DB-G2-3 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.217832  -760.820122   -20.255809
-522.014173   -80.029574   -2656.958
 0.25000  -12.217832  -732.748422   -20.255809
-522.014173   -62.724544   -2473.959
 0.50000  -12.217832  -704.258280   -20.255809
-522.014173   -45.789601   -2349.855
 0.75000  -12.217832  -676.451796   -20.255809
-522.014173   -35.180872   -2228.472
 1.00000  -12.217832  -649.610002   -20.255809
-522.014173   -26.185754   -2111.218

 COMB DB-G2-4 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.262435   71.801951   39.283576
594.349130  132.194646  843.108640
 0.25000   11.262435   71.801951   39.283576
594.349130  100.510964  780.814476
 0.50000   11.262435   71.801951   39.283576
594.349130   70.250356  718.520312
 0.75000   11.262435   82.359755   39.283576
594.349130   40.840151  696.807239
 1.00000   11.262435   94.525299   39.283576
594.349130   14.352359  758.036958

 COMB DB-G2-4 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.714578  -719.161221   -22.906530
-613.694277   -89.115987   -2727.953
 0.25000  -11.714578  -695.493875   -22.906530
-613.694277   -69.595781   -2588.560
 0.50000  -11.714578  -671.473353   -22.906530
-613.694277   -50.417118   -2480.676
 0.75000  -11.714578  -648.028742   -22.906530
-613.694277   -36.876319   -2375.042
 1.00000  -11.714578  -625.398355   -22.906530
-613.694277   -24.451138   -2272.808

 COMB DB-G3-1 ------------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   3.859564   39.084610   7.139364
412.329249   29.415651   309.072178
 0.25000   3.859564   39.084610   7.139364
411.139588   23.386683   286.427256
 0.50000   3.859564   39.084661   7.139364
409.908753   17.438982   263.782334
 0.75000   3.859564   39.239600   7.139364
408.631328   11.654059   247.189149
 1.00000   3.859564   39.548766   7.139364
407.307517    7.238905   243.555117
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1203

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.001065  -111.405125   -2.555014
-294.363950   -8.131228  -753.630923
 0.25000   -4.001065  -110.807724   -2.555014
-295.302412   -6.013674  -739.880690
 0.50000   -4.001065  -110.200641   -2.555014
-296.425599   -4.240566  -744.597344
 0.75000   -4.001065  -109.607149   -2.555014
-297.582419   -3.222311  -749.824588
 1.00000   -4.001065  -109.035668   -2.555014
-298.777076   -2.236603  -755.620997

 COMB DB-G3-2 ------------------------- MAX
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```
 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    7.256276   50.834219    9.703340
733.685150   36.051384  551.159530
 0.25000    7.256276   50.834219    9.703340
722.638419   28.464798  510.728444
 0.50000    7.256276   50.834770    9.703340
711.204859   21.381525  470.297359
 0.75000    7.256276   52.642069    9.703340
699.336144   14.642413  446.182692
 1.00000    7.256276   55.932965    9.703340
687.036263    8.856787  465.879952

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -7.171501 -358.343568  -33.243217
-451.349869 -123.374975  -1633.286
 0.25000   -7.171501 -351.978902  -33.243217
-460.042486  -95.443297  -1555.391
 0.50000   -7.171501 -345.512162  -33.243217
-470.452806  -68.188991  -1515.348
 0.75000   -7.171501 -339.191549  -33.243217
-481.179987  -41.696488  -1476.470
 1.00000   -7.171501 -333.110393  -33.243217
-492.262935  -16.495582  -1440.000

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.149858   66.364546   16.712118
531.455865   47.383630  749.687216
 0.25000   12.149858   66.364546   16.712118
531.455865   36.242825  694.574817
 0.50000   12.149858   66.364546   16.712118
531.455865   26.563628  639.462418
 0.75000   12.149858   79.179727   16.712118
531.455865   17.755804  631.394657
 1.00000   12.149858   93.823239   16.712118
531.455865   10.574727  707.966839

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.183219  -707.157671  -16.026545
-388.746943  -59.898648  -2484.117
 0.25000  -12.183219  -678.665611  -16.026545
-388.746943  -46.710969  -2325.245
 0.50000  -12.183219  -649.749160  -16.026545
-388.746943  -33.929475  -2225.962
 0.75000  -12.183219  -621.527000  -16.026545
-388.746943  -27.760962  -2129.401
 1.00000  -12.183219  -594.283246  -16.026545
-388.746943  -23.228798  -2037.636

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.717955   73.630593   46.340339
614.342558  160.170871  838.706090
 0.25000   11.717955   73.630593   46.340339
614.342558  122.410540  776.849940
 0.50000   11.717955   73.630593   46.340339
614.342558   86.118241  714.993791
 0.75000   11.717955   84.054313   46.340339
614.342558   50.852080  694.151449
 1.00000   11.717955   96.054451   46.340339
614.342558   17.443432  755.911755
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1204

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -12.749419 -711.392387  -15.255375
-599.662993  -58.037078  -2723.683
 0.25000  -12.749419 -688.046478  -15.255375
-599.662993  -45.534937  -2558.554
 0.50000  -12.749419 -664.352258  -15.255375
-599.662993  -33.523345  -2455.572
 0.75000  -12.749419 -641.226215  -15.255375
-599.662993  -27.046474  -2355.053
 1.00000  -12.749419 -618.903178  -15.255375
-599.662993  -22.495247  -2258.624

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   10.456146   68.329507    4.825515
463.140602   21.317684  663.525652
 0.25000   10.456146   68.426575    4.825515
463.852182   17.171474  626.898047
 0.50000   10.456146   68.642644    4.825515
464.626017   13.047696  592.686977
 0.75000   10.456146   68.878493    4.825515
465.470189    8.972206  561.273040
 1.00000   10.456146   69.129312    4.825515
466.385923   10.128313  537.022906

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -5.081269 -136.611530  -37.876125
-555.914713 -135.745005  -1795.807
 0.25000   -5.081269 -136.187968  -37.876125
-554.956677 -102.891797  -1707.579
 0.50000   -5.081269 -135.760656  -37.876125
-554.017671  -70.042270  -1622.480
 0.75000   -5.081269 -135.336880  -37.876125
-553.097511  -37.217993  -1540.217
 1.00000   -5.081269 -134.927644  -37.876125
-552.195117   -9.267618  -1462.141

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.980418   97.371531   53.968858
692.498901  200.964828 1179.309
 0.25000   12.980418   98.093996   53.968858
697.655303  154.476486  1116.961
 0.50000   12.980418   99.904599   53.968858
703.267442  108.154383  1065.018
 0.75000   12.980418  101.905327   53.968858
709.380719   62.397270  1029.558
 1.00000   12.980418  104.027888   53.968858
716.009573   25.879157  1041.237

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -11.706469 -424.393470  -32.209553
-960.784379 -116.382716  -3991.941
 0.25000  -11.706469 -420.796899  -32.209553
-953.828827  -88.973976  -3699.037
 0.50000  -11.706469 -417.167108  -32.209553
-947.022021  -62.108821  -3413.752
 0.75000  -11.706469 -413.575516  -32.209553
-940.353725  -35.996689  -3147.177
 1.00000  -11.706469 -410.101011  -32.209553
-933.812522  -18.445053  -2900.210

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.452969  122.588920   42.411503
607.360771  140.908505  1600.712
 0.25000   17.452969  122.932136   42.411503
603.487272  105.533523  1521.124
 0.50000   17.452969  134.776074   42.411503
599.567573   74.796845  1500.048
 0.75000   17.452969  148.369295   42.411503
595.651038   47.560779  1508.814
 1.00000   17.452969  162.781316   42.411503
591.788075   27.450009  1551.602

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1205

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -15.898305 -833.628812  -30.756961
-776.071446 -112.690657  -6204.812
 0.25000  -15.898305 -808.697627  -30.756961
-779.123115  -86.868317  -5656.750
 0.50000  -15.898305 -783.518925  -30.756961
-782.601397  -64.912942  -5141.392
 0.75000  -15.898305 -758.646199  -30.756961
-786.485754  -48.362385  -4663.210
 1.00000  -15.898305 -734.591498  -30.756961
-790.752009  -39.409948  -4221.131

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.296492  127.935075   38.560939
806.669836  128.216880  1732.036
 0.25000   17.296492  128.220907   38.560939
803.500807   96.524756  1644.952
 0.50000   17.296492  138.012224   38.560939
801.282207   69.098526  1606.075
 0.75000   17.296492  149.201932   38.560939
798.557650   45.102317  1597.687
 1.00000   17.296492  161.068402   38.560939
795.867806   28.401796  1644.271

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.786124 -868.265264  -47.748012
-854.159920 -139.406786  -6710.631
 0.25000  -14.786124 -847.749698  -47.748012
-856.285400 -139.281546  -6122.162
 0.50000  -14.786124 -827.030793  -47.748012
-858.725748 -102.679747  -5562.125
 0.75000  -14.786124 -806.561328  -47.748012
-861.463084  -71.166082  -5038.993
 1.00000  -14.786124 -786.775510  -47.748012
-864.475145  -46.360037  -4559.081

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   5.080137   40.108941   55.742803
177.890361  199.861494  600.525314
 0.25000   5.080137   41.991914   55.742803
190.890826  151.751556  572.313035
 0.50000   5.080137   48.833466   55.742803
205.024411  103.835728  577.291777
 0.75000   5.080137   56.099718   55.742803
220.373009   57.430497  597.384396
 1.00000   5.080137   64.417514   55.742803
237.035140   17.609905  642.869441

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -9.280521 -429.102723   -0.236863
-383.511040  -4.334377  -2757.320
 0.25000   -9.280521 -415.414847   -0.236863
-365.932281  -4.379655  -2475.229
 0.50000   -9.280521 -401.602757   -0.236863
-348.751016  -4.657082  -2210.454
 0.75000   -9.280521 -387.945302   -0.236863
-331.931137  -6.518025  -1967.572
 1.00000   -9.280521 -374.728866   -0.236863
-315.439054 -16.565397  -1744.205

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   11.377199   77.031045   41.725367
242.144825  131.821797  1164.903
 0.25000   11.377199   77.433610   41.725367
242.144825   97.840649  1109.903
 0.50000   11.377199   91.018196   41.725367
242.144825   66.977593  1119.191
 0.75000   11.377199  106.213650   41.725367
242.144825   43.158174  1163.206
 1.00000   11.377199  122.320276   41.725367
242.144825   21.601642  1258.525
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1206

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.477238 -860.925776  -17.603051
-276.528242  -73.862907  -5434.140
 0.25000  -13.477238 -833.107141  -17.603051
-276.528242  -59.380290  -4867.018
 0.50000  -13.477238 -805.001083  -17.603051
-276.528242  -47.640840  -4335.681
 0.75000  -13.477238 -777.254962  -17.603051
-276.528242  -45.129749  -3848.300
 1.00000  -13.477238 -750.363923  -17.603051
-276.528242  -44.904227  -3402.036

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   14.110224  105.927190   53.126122
549.746468  181.223144  1571.895
 0.25000   14.110224  106.301248   53.126122
549.842498  137.175637  1494.270
 0.50000   14.110224  118.785852   53.126122
549.953182   95.349777  1475.574
 0.75000   14.110224  132.664505   53.126122
550.010711   60.610424  1489.687
 1.00000   14.110224  147.375322   53.126122
550.070559   28.017025  1555.426

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.544388 -913.208785  -24.492416
-677.064281 -102.209173  -6541.053
 0.25000  -14.544388 -887.778101  -24.492416
-676.712571  -81.598965  -5923.397
 0.50000  -14.544388 -862.131770  -24.492416
-676.355516  -62.934927  -5341.052
 0.75000  -14.544388 -836.815412  -24.492416
-675.985306  -53.408181  -4816.780
 1.00000  -14.544388 -812.261812  -24.492416
-675.597416  -46.200544  -4336.429

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   13.245689  115.523059   49.368536
779.956121  168.506160  1720.117
 0.25000   13.245689  115.833993   49.368536
779.956121  127.611225  1634.135
 0.50000   13.245689  126.326488   49.368536
779.956121   89.490666  1597.774
 0.75000   13.245689  138.063189   49.368536
779.956121   57.243727  1591.025
 1.00000   13.245689  150.503663   49.368536
779.956121   27.647832  1631.625

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.024363 -870.861732  -27.664646
-804.408599 -108.815381  -6759.138
 0.25000  -14.024363 -849.375108  -27.664646
-804.408599  -85.773655  -6160.382
 0.50000  -14.024363 -827.666484  -27.664646
-804.408599  -65.329250  -5591.835
 0.75000  -14.024363 -806.235868  -27.664646
-804.408599  -52.423782  -5073.289
 1.00000  -14.024363 -785.465703  -27.664646
-804.408599  -41.580694  -4598.706

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    3.746006   64.813414   15.386846
529.149662   62.868008  633.455158
 0.25000    3.746006   64.815369   15.386846
527.937790   49.938841  600.194762
 0.50000    3.746006   64.971857   15.386846
526.746293   37.478582  569.413996
 0.75000    3.746006   65.268988   15.386846
525.575667   25.677052  542.951462
 1.00000    3.746006   65.585503   15.386846
524.426367   15.251095  523.098324
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1207

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -5.755728 -137.328743   -4.068861
-403.149707  -11.947075  -1767.904
 0.25000   -5.755728 -136.772469   -4.068861
-404.056163   -8.606035  -1682.778
 0.50000   -5.755728 -136.209557   -4.068861
-405.049053   -6.208751  -1600.258
 0.75000   -5.755728 -135.652758   -4.068861
-406.135582   -4.458266  -1521.539
 1.00000   -5.755728 -135.116715   -4.068861
-407.316265   -3.670334  -1448.338

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    8.961757   91.009152   16.362951
881.035290   64.082628  1119.486
 0.25000    8.961757   91.033539   16.362951
871.869442   51.792353  1062.111
 0.50000    8.961757   92.612054   16.362951
862.848468   40.496182  1016.791
 0.75000    8.961757   95.298705   16.362951
853.976312   30.218002  991.529508
 1.00000    8.961757   98.160014   16.362951
845.271652   21.334272  1014.840

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -8.735056 -444.533232  -37.774338
-605.229493 -145.347881  -3947.100
 0.25000   -8.735056 -439.517971  -37.774338
-612.096626 -114.216857  -3644.290
 0.50000   -8.735056 -434.448736  -37.774338
-619.623192  -84.230700  -3354.109
 0.75000   -8.735056 -429.436574  -37.774338
-627.844572  -55.521142  -3085.842
 1.00000   -8.735056 -424.596924  -37.774338
-636.794410  -28.087651  -2841.509

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.852004  115.863666   29.995824
698.604979   95.484238  1529.535
 0.25000   12.852004  116.494357   29.995824
700.935831   72.308459  1455.419
 0.50000   12.852004  128.885955   29.995824
703.337400   50.669136  1440.743
 0.75000   12.852004  142.620938   29.995824
705.858266   31.088435  1459.118
 1.00000   12.852004  157.197146   29.995824
708.554842   26.520834  1505.037

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -14.675080 -827.702178  -21.342521
-556.608024  -81.035711  -6051.450
 0.25000  -14.675080 -802.561474  -21.342521
-553.258032  -63.795863  -5510.723
 0.50000  -14.675080 -777.207392  -21.342521
-550.090764  -48.285538  -5003.191
 0.75000  -14.675080 -752.158138  -21.342521
-547.052097  -42.677595  -4532.993
 1.00000  -14.675080 -727.889293  -21.342521
-544.090065  -40.841523  -4101.032

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.741183  125.739722   61.306648
820.305914  215.287757  1711.404
 0.25000   12.741183  126.202224   61.306648
821.795308  164.520084  1626.315
 0.50000   12.741183  136.382582   61.306648
823.303710  115.232775  1589.570
 0.75000   12.741183  147.679549   61.306648
824.868447   72.762356  1583.545
 1.00000   12.741183  159.644019   61.306648
826.534462   33.455727  1629.605
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1208

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.326313 -858.885674  -20.427570
-811.514615  -80.943550  -6651.456
 0.25000  -16.326313 -838.210588  -20.427570
-809.331746  -64.382384  -6077.535
 0.50000  -16.326313 -817.363846  -20.427570
-807.288261  -49.518787  -5535.576
 0.75000  -16.326313 -796.766424  -20.427570
-805.341045  -43.050247  -5018.449
 1.00000  -16.326313 -776.813864  -20.427570
-803.446524  -40.280021  -4555.257

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   12.859376   74.475246   46.340339
733.685150  160.766639  848.401189
 0.25000   12.859376   74.475246   46.340339
722.638419  124.180925  785.568820
 0.50000   12.859376   74.475246   46.340339
711.204859   87.996523  722.736450
 0.75000   12.859376   84.827527   46.340339
699.336144   51.074147  698.884158
 1.00000   12.859376   96.775247   46.340339
687.036263   18.704704  760.530577

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -13.560317 -760.820122  -33.243217
-770.337935 -123.374975  -2757.953
 0.25000  -13.560317 -732.748422  -33.243217
-761.804799  -95.443297  -2588.560
 0.50000  -13.560317 -704.258280  -33.243217
-753.026440  -68.188991  -2480.676
 0.75000  -13.560317 -676.451796  -33.243217
-743.940905  -45.001174  -2375.042
 1.00000  -13.560317 -649.610002  -33.243217
-734.525428  -26.185754  -2272.808

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.452969  127.935075   61.306648
881.035290  215.287757  1732.036
 0.25000   17.452969  128.220907   61.306648
871.869442  164.520084  1644.952
 0.50000   17.452969  138.012224   61.306648
862.848468  115.232775  1606.075
 0.75000   17.452969  149.201932   61.306648
853.976312   72.762356  1597.687
 1.00000   17.452969  162.781316   61.306648
845.271652   33.455727  1644.271

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.326313 -913.208785  -47.748012
-960.784379 -179.406786  -6759.138
 0.25000  -16.326313 -887.778101  -47.748012
-953.828827 -139.281546  -6160.382
 0.50000  -16.326313 -862.131770  -47.748012
-947.022021 -102.679747  -5591.835
 0.75000  -16.326313 -836.815412  -47.748012
-940.353725  -71.166082  -5073.289
 1.00000  -16.326313 -812.261812  -47.748012
-933.812522  -46.360037  -4598.706

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.452969  127.935075   61.306648
881.035290  215.287757  1732.036
 0.25000   17.452969  128.220907   61.306648
871.869442  164.520084  1644.952
 0.50000   17.452969  138.012224   61.306648
862.848468  115.232775  1606.075
 0.75000   17.452969  149.201932   61.306648
853.976312   72.762356  1597.687
 1.00000   17.452969  162.781316   61.306648
845.271652   33.455727  1644.271
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1209

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.326313 -913.208785  -47.748012
-960.784379 -179.406786  -6759.138
 0.25000  -16.326313 -887.778101  -47.748012
-953.828827 -139.281546  -6160.382
 0.50000  -16.326313 -862.131170  -47.748012
-947.022021 -102.679747  -5591.835
 0.75000  -16.326313 -836.815412  -47.748012
-940.353725  -71.166082  -5073.289
 1.00000  -16.326313 -812.261812  -47.748012
-933.812522  -46.360037  -4598.706

 COMB    DESIGN ------------------ MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   17.452969  127.935075   61.306648
881.035290  215.287757  1732.036
 0.25000   17.452969  128.220907   61.306648
871.869442  164.520084  1644.952
 0.50000   17.452969  138.012224   61.306648
862.848468  115.232775  1606.075
 0.75000   17.452969  149.201932   61.306648
853.976312   72.762356  1597.687
 1.00000   17.452969  162.781316   61.306648
845.271652   33.455727  1644.271

 COMB    DESIGN ------------------ MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000  -16.326313 -913.208785  -47.748012
-960.784379 -179.406786  -6759.138
 0.25000  -16.326313 -887.778101  -47.748012
-953.828827 -139.281546  -6160.382
 0.50000  -16.326313 -862.131170  -47.748012
-947.022021 -102.679747  -5591.835
 0.75000  -16.326313 -836.815412  -47.748012
-940.353725  -71.166082  -5073.289
 1.00000  -16.326313 -812.261812  -47.748012
-933.812522  -46.360037  -4598.706

 ELEM      90 ================== LENGTH
=    4.957518

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    4.598155   27.363404    0.735706
172.183115    6.657181  247.452480
 0.25000    4.598155   27.766064    0.735706
173.209297    8.633070  242.793104
 0.50000    4.598155   28.308664    0.735706
174.405867   10.845223  238.079238
 0.75000    4.598155   28.905552    0.735706
175.637913   13.766722  275.556928
 1.00000    4.598155   29.536683    0.735706
177.261409   17.332634  380.944415

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000   -4.547395 -118.395420   -3.310299
-488.218297   -5.152063 -756.444315
 0.25000   -4.547395 -117.719132   -3.310299
-486.573500   -2.391053 -741.682802
 0.50000   -4.547395 -117.062342   -3.310299
-485.359980   -2.194906 -727.352526
 0.75000   -4.547395 -116.442908   -3.310299
-484.137638   -2.296153 -713.136775
 1.00000   -4.547395 -115.879072   -3.310299
-482.895983   -2.488273 -699.344934

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
     T          M2          M3
 0.00000    7.374914   50.484550    9.201591
271.515149   20.308057  468.760048
 0.25000    7.374914   54.507348    9.201591
280.764868   11.802555  518.252814
 0.50000    7.374914   59.949284    9.201591
291.549244   11.896012  589.908165
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1210

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
     T          M2          M3
 0.75000    7.374914   65.935555    9.201591
302.651204   15.433660  753.004017
 1.00000    7.374914   72.258858    9.201591
317.286761   19.127435  994.310723

 COMB DB-G1-2 ------------------- MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.511777  -302.035119   -3.373877
-851.497170   -8.960331   -1462.840
 0.25000   -8.511777  -295.256181   -3.373877
-836.665922   -9.373667   -1412.816
 0.50000   -8.511777  -288.670458   -3.373877
-825.725723  -14.642854   -1363.328
 0.75000   -8.511777  -282.458877   -3.373877
-814.703305  -23.670055   -1314.412
 1.00000   -8.511777  -276.804609   -3.373877
-803.508638  -33.831787   -1266.178

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.163042   74.901501    5.689048
218.889421   17.011403   717.820761
 0.25000   12.163042   97.481428    5.689048
218.333649   13.741863   928.403845
 0.50000   12.163042  129.193495    5.689048
218.333649   16.225273   1144.382
 0.75000   12.163042  164.071318    5.689048
218.333649   21.045048   1397.129
 1.00000   12.163042  200.568597    5.689048
218.333649   26.196375   1678.316

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.934106  -607.950765   -4.886271
-648.259162  -22.018132   -2066.596
 0.25000  -12.934106  -568.650470   -4.886271
-648.259162  -21.538485   -1975.619
 0.50000  -12.934106  -530.351941   -4.886271
-649.682400  -24.394365   -1886.514
 0.75000  -12.934106  -494.204784   -4.886271
-651.798961  -29.589592   -1799.017
 1.00000  -12.934106  -461.291982   -4.886271
-653.978103  -34.993197   -1713.471

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.928757   79.687948    5.291807
457.381494   16.799370   760.555330
 0.25000   11.928757   98.262002    5.291807
457.381494   14.191675   945.086358
 0.50000   11.928757  124.341979    5.291807
457.381494   18.138639   1151.556
 0.75000   11.928757  153.021214    5.291807
457.381494   27.400860   1460.601
 1.00000   11.928757  183.033049    5.291807
457.381494   37.253614   1807.305

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.224831  -612.538141   -8.801503
-629.013760  -27.739396   -2268.037
 0.25000  -12.224831  -580.221063   -8.801503
-629.013760  -23.477744   -2170.146
 0.50000  -12.224831  -548.728082   -8.801503
-629.013760  -24.680400   -2073.947
 0.75000  -12.224831  -519.004819   -8.801503
-629.013760  -28.700511   -1979.147
 1.00000  -12.224831  -491.939471   -8.801503
-629.104264  -33.251584   -1886.078

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.982274   30.341290    9.438557
80.288231   15.751609   297.724733
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1211

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    4.982274   42.919682    9.438557
97.347451   5.693276   427.558853
 0.50000    4.982274   60.190945    9.438557
117.221595   2.939943   572.018159
 0.75000    4.982274   79.188260    9.438557
137.652692   2.798522   710.598737
 1.00000    4.982274   99.179620    9.438557
164.668832   2.660227   837.390018

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.970462  -302.518220   -0.108927
-355.260025   -8.635174   -850.792478
 0.25000   -5.970462  -281.158499   -0.108927
-327.848701   -11.743837   -802.132463
 0.50000   -5.970462  -260.164478   -0.108927
-307.631787   -17.825844   -754.584712
 0.75000   -5.970462  -240.461685   -0.108927
-287.253728   -26.816061   -707.791516
 1.00000   -5.970462  -222.524131   -0.108927
-266.561532   -36.654560   -662.054667

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.096476   58.504511    6.040475
166.437090   13.252530   582.097907
 0.25000   10.096476   83.167868    6.040475
166.437090    8.697736   842.996622
 0.50000   10.096476  117.795706    6.040475
166.437090   11.793546   1128.547
 0.75000   10.096476  155.873201    6.040475
166.437090   15.194936   1397.365
 1.00000   10.096476  195.720336    6.040475
166.437090   23.845464   1640.252

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.802111  -594.500343   -5.815584
-189.571182  -27.017887   -1642.481
 0.25000  -10.802111  -551.592394   -5.815584
-189.571182  -25.422578   -1547.888
 0.50000  -10.802111  -509.778731   -5.815584
-189.571182  -27.716925   -1455.554
 0.75000  -10.802111  -470.114976   -5.815584
-189.571182  -33.180917   -1364.790
 1.00000  -10.802111  -434.379562   -5.815584
-189.571182  -39.290365   -1276.115

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.277600   74.437662    8.769840
276.988981   16.312331   720.385479
 0.25000   11.277600   96.899427    8.769840
276.988981   10.067553   946.739168
 0.50000   11.277600  128.402916    8.769840
276.988981   13.873827   1191.838
 0.75000   11.277600  163.052827    8.769840
276.988981   20.485797   1507.932
 1.00000   11.277600  199.320661    8.769840
276.988981   27.667456   1825.745

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.626823  -637.350078   -6.661233
-537.629838  -27.560892   -2111.764
 0.25000  -11.626823  -598.303155   -6.661233
-537.629838  -24.912660   -2008.447
 0.50000  -11.626823  -560.252392   -6.661233
-537.629838  -30.210077   -1907.180
 0.75000  -11.626823  -524.340715   -6.661233
-537.629838  -39.345998   -1807.328
 1.00000  -11.626823  -491.638115   -6.661233
-537.629841  -49.020553   -1709.374
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1212

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.751024   79.464778    8.227638
517.733897   16.485018   758.018613
 0.25000   10.751024   98.381564    8.227638
517.733897   10.676934   939.796633
 0.50000   10.751024  124.941102    8.227638
517.733897   13.674712   1134.259
 0.75000   10.751024  154.146525    8.227638
517.733897   20.011196   1465.776
 1.00000   10.751024  184.709476    8.227638
517.733897   27.795103   1816.905

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.141064  -616.012425   -6.984139
-539.616481   -25.307128   -2272.679
 0.25000  -11.141064  -583.102044   -6.984139
-539.616481   -23.114163   -2173.001
 0.50000  -11.141064  -551.030982   -6.984139
-539.616481   -28.361959   -2075.034
 0.75000  -11.141064  -520.762209   -6.984139
-539.616481   -36.724031   -1978.242
 1.00000  -11.141064  -493.199847   -6.984139
-539.616481   -45.486595   -1883.063

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.648622   26.639500    3.031046
470.135740   10.195173   243.457944
 0.25000    3.648622   27.084922    3.031046
468.093186    6.975580   239.862790
 0.50000    3.648622   27.739910    3.031046
466.586316    4.109920   236.082598
 0.75000    3.648622   28.460138    3.031046
465.068307    4.181516   295.560966
 1.00000    3.648622   29.209557    3.031046
463.526816    4.712373   407.976370

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.760711  -123.114478   -0.541131
-150.108266   -2.367408  -754.668505
 0.25000   -3.760711  -122.307288   -0.541131
-151.389099   -2.982683   -740.809586
 0.50000   -3.760711  -121.517997   -0.541131
-152.885614   -4.560076  -726.969454
 0.75000   -3.760711  -120.772532   -0.541131
-154.431923   -6.241209  -713.466303
 1.00000   -3.760711  -120.096501   -0.541131
-156.454172   -9.126805  -700.223411

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.934294   49.086854    3.187238
807.441878   13.136599   465.533459
 0.25000    6.934294   53.877539    3.187238
788.491572    9.793811   527.223074
 0.50000    6.934294   60.877271    3.187238
774.514559   12.003655   608.888673
 0.75000    6.934294   68.574257    3.187238
760.427452   20.235120   794.553257
 1.00000    6.934294   76.587631    3.187238
746.126190   29.016127   1037.571

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.818655  -315.889579   -7.496380
-245.251167   -17.141433   -1438.586
 0.25000   -6.818655  -307.256833   -7.496380
-257.136744   -12.919020   -1389.238
 0.50000   -6.818655  -298.819387   -7.496380
-271.028151   -11.770315   -1340.540
 0.75000   -6.818655  -290.851198   -7.496380
-285.385111   -12.179942   -1292.707
 1.00000   -6.818655  -283.621181   -7.496380
-304.151968   -13.663549   -1245.494
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1213

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.538480   73.295107    3.599904
589.251259   15.127985   707.749896
 0.25000   11.538480   96.105802    3.599904
589.251259   12.674735   922.268829
 0.50000   11.538480  128.086503    3.599904
589.251259   13.288775   1142.832
 0.75000   11.538480  163.261878    3.599904
589.251259   18.316380   1415.186
 1.00000   11.538480  200.082313    3.599904
589.251259   23.761909   1699.325

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.509191  -611.008670   -5.344961
-215.972635   -24.436449   -2036.435
 0.25000  -11.509191  -571.368650   -5.344961
-215.968446   -23.490881   -1946.892
 0.50000  -11.509191  -532.740157   -5.344961
-215.968446   -24.388972   -1859.245
 0.75000  -11.509191  -496.283681   -5.344961
-215.955584   -26.218424   -1773.403
 1.00000  -11.509191  -463.083799   -5.344961
-215.927340   -28.416213   -1689.411

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.190520   79.057910   10.315376
585.021005   21.300961   755.858633
 0.25000   11.190520   97.719808   10.315376
585.021005   12.603475   939.880966
 0.50000   11.190520  123.920538   10.315376
585.021005   12.673651   1143.502
 0.75000   11.190520  152.730751   10.315376
585.021005   17.118424   1460.768
 1.00000   11.190520  182.863654   10.315376
585.021005   22.344892   1807.624

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.201909  -612.478570   -5.080682
-476.061995   -23.477237   -2258.091
 0.25000  -12.201909  -580.013328   -5.080682
-476.061995   -23.003786   -2161.103
 0.50000  -12.201909  -548.376104   -5.080682
-476.061995   -30.189529   -2065.799
 0.75000  -12.201909  -518.516974   -5.080682
-476.061995   -40.447719   -1972.020
 1.00000  -12.201909  -491.327209   -5.080682
-476.061995   -51.168212   -1879.897

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.165970   47.227453    1.268393
273.392867   10.553631   537.123867
 0.25000   10.165970   47.549692    1.268393
274.290404   14.099387   512.273288
 0.50000   10.165970   47.920217    1.268393
275.275410   19.566652   501.406116
 0.75000   10.165970   48.322770    1.268393
276.351079   26.722206   524.089678
 1.00000   10.165970   48.740743    1.268393
277.520038   34.538187   576.275186

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.889930  -153.365478   -7.111861
-621.369914   -9.715092   -1461.445
 0.25000   -4.889930  -152.799511   -7.111861
-620.068407   -5.408878   -1318.425
 0.50000   -4.889930  -152.239262   -7.111861
-618.828449   -3.863346   -1192.333
 0.75000   -4.889930  -151.702491   -7.111861
-617.651358   -4.115958   -1086.698
 1.00000   -4.889930  -151.205758   -7.111861
-616.534790   -4.830984   -1001.709
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1214

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.592206   85.855982   11.385528
423.710701   26.667065   1041.479
 0.25000   12.592206   88.578869   11.385528
430.204295   19.928716   1013.591
 0.50000   12.592206   91.709352   11.385528
437.334534   21.347610   1023.586
 0.75000   12.592206   95.112805   11.385528
445.125005   26.582508   1105.035
 1.00000   12.592206   98.644579   11.385528
453.584898   32.591136   1234.672

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.330916  -369.529869   -6.030407
-1020.945   -18.171720   -2899.053
 0.25000  -11.330916  -364.747764   -6.030407
-1011.507   -18.575460   -2571.547
 0.50000  -11.330916  -360.007850   -6.030407
-1002.520   -25.449504   -2284.762
 0.75000  -11.330916  -355.475660   -6.030407
-993.973860   -36.685154   -2037.910
 1.00000  -11.330916  -351.272165   -6.030407
-985.877383   -48.971697   -1832.420

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.760034  133.047030    7.923866
380.144581   28.386991   1551.749
 0.25000   16.760034  151.417524    7.923866
374.925040   25.709649   1599.380
 0.50000   16.760034  172.528058    7.923866
369.998043   28.213937   1669.698
 0.75000   16.760034  195.525827    7.923866
365.376244   34.923294   1783.234
 1.00000   16.760034  219.363924    7.923866
361.074799   41.761774   1920.324

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.231029  -681.059955   -7.293798
-822.832204   -39.264393   -4220.204
 0.25000  -15.231029  -648.644885   -7.293798
-827.055263   -37.883474   -3936.232
 0.50000  -15.231029  -616.595325   -7.293798
-831.687388   -41.300895   -3256.616
 0.75000  -15.231029  -585.886038   -7.293798
-836.723298   -47.840140   -2865.119
 1.00000  -15.231029  -557.494181   -7.293798
-842.158288   -55.123577   -2531.643

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.671430  137.485769    7.260658
628.737725   29.550276   1644.320
 0.25000   16.671430  152.604135    7.260658
625.144085   27.130081   1671.818
 0.50000   16.671430  169.985850    7.260658
621.757661   32.478511   1742.534
 0.75000   16.671430  188.916440    7.260658
618.589533   42.560443   1882.273
 1.00000   16.671430  208.538882    7.260658
615.650578   54.200756   2058.759

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.196453  -700.713071  -11.269779
-811.761621   -46.822226   -4304.730
 0.25000  -14.196453  -674.057474  -11.269779
-814.747296   -40.424389   -4004.098
 0.50000  -14.196453  -647.676346  -11.269779
-818.021250   -41.073256   -3519.309
 0.75000  -14.196453  -622.399035  -11.269779
-821.578982   -46.138696   -3098.579
 1.00000  -14.196453  -599.027950  -11.269779
-825.414356   -52.377743   -2742.222
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1215

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.845395   54.399681   10.904545
122.931639   17.946883   643.034885
 0.25000    4.845395   64.666386   10.904545
139.235917    9.135587   681.289984
 0.50000    4.845395   76.476043   10.904545
157.170165    5.532787   729.236632
 0.75000    4.845395   89.337942   10.904545
176.740882    4.658884   786.214260
 1.00000    4.845395  102.651256   10.904545
198.001708    4.072442   845.478940

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.942061  -325.519268   -0.146022
-382.291498   -16.231673   -1743.833
 0.25000   -8.942061  -307.452528   -0.146022
-358.444258   -20.928479   -1511.378
 0.50000   -8.942061  -289.566488   -0.146022
-335.693354   -29.476126   -1308.715
 0.75000   -8.942061  -272.427627   -0.146022
-314.064784   -40.665569   -1129.419
 1.00000   -8.942061  -256.576174   -0.146022
-293.571646   -52.500279   -973.729017

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.842648  105.470212    7.020442
207.058209   22.058373   1256.527
 0.25000   10.842648  126.011223    7.020442
207.058209   17.481130   1338.236
 0.50000   10.842648  149.623118    7.020442
207.058209   19.383052   1435.973
 0.75000   10.842648  175.335679    7.020442
207.058209   23.882248   1550.079
 1.00000   10.842648  201.993851    7.020442
207.058209   29.423356   1667.622

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.906771  -643.168112   -6.034574
-232.117645   -44.765324   -3402.002
 0.25000  -12.906771  -606.964491   -6.034574
-232.117645   -42.599866   -2945.315
 0.50000  -12.906771  -571.127423   -6.034574
-232.117645   -45.381932   -2547.551
 0.75000  -12.906771  -536.800908   -6.034574
-232.117645   -51.321409   -2196.002
 1.00000  -12.906771  -505.053282   -6.034574
-232.117645   -58.026067   -1891.197

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.555025  129.755061   10.230702
387.205112   28.759377   1555.494
 0.25000   13.555025  148.519497   10.230702
387.205112   21.271654   1610.290
 0.50000   13.555025  170.087394   10.230702
387.205112   22.624428   1697.016
 0.75000   13.555025  193.573857   10.230702
387.205112   27.474253   1835.157
 1.00000   13.555025  217.924308   10.230702
387.205112   34.063003   1990.731

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.974602  -715.178059   -7.453275
-673.759341   -45.933933   -4336.343
 0.25000  -13.974602  -682.110173   -7.453275
-673.119730   -42.103567   -3814.345
 0.50000  -13.974602  -649.376983   -7.453275
-672.480120   -46.834415   -3358.372
 0.75000  -13.974602  -618.019150   -7.453275
-671.840510   -55.546201   -2959.548
 1.00000  -13.974602  -589.024143   -7.453275
-671.200900   -65.629966   -2617.757
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1216

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.696473  135.693565    9.831005
675.048463   30.291764   1631.624
 0.25000   12.696473  151.559081    9.831005
675.048463   23.266218   1665.177
 0.50000   12.696473  169.796492    9.831005
675.048463   24.318489   1740.872
 0.75000   12.696473  189.656422    9.831005
675.048463   29.552998   1887.921
 1.00000   12.696473  210.246725    9.831005
675.048463   36.656454   2061.157

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.471813  -706.771076   -7.594407
-698.762572   -42.827476   -4599.109
 0.25000  -13.471813  -678.808036   -7.594407
-698.762572   -39.140671   -4057.871
 0.50000  -13.471813  -651.128116   -7.594407
-698.762572   -43.576430   -3584.880
 0.75000  -13.471813  -624.614919   -7.594407
-698.762572   -52.046181   -3174.692
 1.00000  -13.471813  -600.093628   -7.594407
-698.762572   -61.782826   -2826.835

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.543085   45.421426    5.086573
586.416290   16.960086   522.984817
 0.25000    3.543085   45.819678    5.086573
584.773265   12.613138   501.415667
 0.50000    3.543085   46.279103    5.086573
583.301116    9.273045   494.773434
 0.75000    3.543085   46.779566    5.086573
581.726887    8.066188   528.615188
 1.00000    3.543085   47.298845    5.086573
580.325475    8.468227   587.232056

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.505804  -156.916053   -0.796187
-230.242433   -4.078691   -1449.090
 0.25000   -5.505804  -156.209440   -0.796187
-231.403827   -5.340550   -1305.243
 0.50000   -5.505804  -155.509862   -0.796187
-232.675132   -7.826496   -1179.591
 0.75000   -5.505804  -154.838432   -0.796187
-234.063210   -11.716224   -1075.280
 1.00000   -5.505804  -154.220310   -0.796187
-235.569405   -17.299942   -992.416244

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.593380   82.422969    5.069973
939.220951   23.429643   1014.595
 0.25000    8.593380   86.031784    5.069973
926.789234   19.854077   997.647254
 0.50000    8.593380   90.190173    5.069973
914.960996   21.811509   1017.634
 0.75000    8.593380   94.721446    5.069973
903.741974   28.549807   1111.951
 1.00000    8.593380   99.420895    5.069973
893.145419   38.286976   1247.066

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.380843  -378.252533   -9.234801
-361.101357   -28.429957   -2842.623
 0.25000   -8.380843  -371.858066   -9.234801
-369.894208   -21.741981   -2521.815
 0.50000   -8.380843  -365.526884   -9.234801
-379.546084   -19.427155   -2237.888
 0.75000   -8.380843  -359.454803   -9.234801
-390.069343   -20.781418   -1999.182
 1.00000   -8.380843  -353.861494   -9.234801
-401.487073   -24.628413   -1803.208
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1217

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.222479  128.360338    6.058468
```

```
742.874600    28.866349    1504.892
 0.25000    12.222479   146.943671     6.058468
745.479386    25.318841    1558.778
 0.50000    12.222479   168.296932     6.058468
748.348519    25.038774    1634.091
 0.75000    12.222479   191.548831     6.058468
751.495703    28.491507    1757.139
 1.00000    12.222479   215.656832     6.058468
754.948058    34.179178    1896.839

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -13.994797  -674.782395    -6.188766
-351.839375   -41.066624   -4101.930
 0.25000   -13.994797  -642.060175    -6.188766
-347.260060   -39.140737   -3597.922
 0.50000   -13.994797  -609.672663    -6.188766
-342.853316   -39.922278   -3158.461
 0.75000   -13.994797  -578.619918    -6.188766
-338.611850   -43.197255   -2776.952
 1.00000   -13.994797  -549.912567    -6.188766
-334.528366   -48.270024   -2453.104

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    12.189090   136.129587    13.007380
766.852404    35.666920    1629.562
 0.25000    12.189090   151.404090    13.007380
768.452363    25.286382    1659.165
 0.50000    12.189090   168.956552    13.007380
770.217298    23.915876    1729.707
 0.75000    12.189090   188.069863    13.007380
772.157731    26.636518    1874.483
 1.00000    12.189090   207.886752    13.007380
774.290240    31.588290    2051.094

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.703218  -699.008640    -5.946517
-650.532743   -40.248045   -4555.792
 0.25000   -15.703218  -672.101070    -5.946517
-647.543447   -39.251576   -4016.084
 0.50000   -15.703218  -645.465596    -5.946517
-644.658644   -47.455143   -3544.782
 0.75000   -15.703218  -619.950518    -5.946517
-641.872730   -59.139939   -3136.258
 1.00000   -15.703218  -596.353372    -5.946517
-639.178713   -72.553422   -2790.376

 COMB       DB ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    12.163042    79.687948    10.315376
807.441878    21.300961   760.555330
 0.25000    12.163042    98.381564    10.315376
788.491572    14.191675   946.739168
 0.50000    12.163042   129.193495    10.315376
774.514559    18.138639   1191.838
 0.75000    12.163042   164.071018    10.315376
760.427452    27.400860   1507.932
 1.00000    12.163042   200.568597    10.315376
746.126190    37.253614   1825.745

 COMB       DB ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.934106  -637.350078    -8.801503
-851.497170   -27.739396   -2272.679
 0.25000   -12.934106  -598.303155    -8.801503
-836.665922   -25.422578   -2173.001
 0.50000   -12.934106  -560.252392    -8.801503
-825.725723   -30.210077   -2075.034
 0.75000   -12.934106  -524.340715    -8.801503
-814.703305   -40.447719   -1979.147
 1.00000   -12.934106  -493.199847    -8.801503
-803.508638   -51.168212   -1886.078
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1218

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       DL ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    16.760034   137.485769    13.007380
939.220951    35.666920    1644.320
 0.25000    16.760034   152.604135    13.007380
926.789234    27.130081    1671.818
 0.50000    16.760034   172.528058    13.007380
914.960996    32.478511    1742.534
 0.75000    16.760034   195.525827    13.007380
903.741974    42.560443    1887.921
 1.00000    16.760034   219.363924    13.007380
893.145419    54.200756    2061.157

 COMB       DL ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.703218  -715.178059   -11.269779
-1020.945   -46.823226   -4599.109
 0.25000   -15.703218  -682.110173   -11.269779
-1011.507   -42.599866   -4057.871
 0.50000   -15.703218  -651.128116   -11.269779
-1002.520   -47.455143   -3584.880
 0.75000   -15.703218  -624.614919   -11.269779
-993.973860   -59.139939   -3174.692
 1.00000   -15.703218  -600.093628   -11.269779
-985.877383   -72.553422   -2826.835

 COMB       CAR ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    16.760034   137.485769    13.007380
939.220951    35.666920    1644.320
 0.25000    16.760034   152.604135    13.007380
926.789234    27.130081    1671.818
 0.50000    16.760034   172.528058    13.007380
914.960996    32.478511    1742.534
 0.75000    16.760034   195.525827    13.007380
903.741974    42.560443    1887.921
 1.00000    16.760034   219.363924    13.007380
893.145419    54.200756    2061.157

 COMB       CAR ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.703218  -715.178059   -11.269779
-1020.945   -46.823226   -4599.109
 0.25000   -15.703218  -682.110173   -11.269779
-1011.507   -42.599866   -4057.871
 0.50000   -15.703218  -651.128116   -11.269779
-1002.520   -47.455143   -3584.880
 0.75000   -15.703218  -624.614919   -11.269779
-993.973860   -59.139939   -3174.692
 1.00000   -15.703218  -600.093628   -11.269779
-985.877383   -72.553422   -2826.835

 COMB      DESIGN ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    16.760034   137.485769    13.007380
939.220951    35.666920    1644.320
 0.25000    16.760034   152.604135    13.007380
926.789234    27.130081    1671.818
 0.50000    16.760034   172.528058    13.007380
914.960996    32.478511    1742.534
 0.75000    16.760034   195.525827    13.007380
903.741974    42.560443    1887.921
 1.00000    16.760034   219.363924    13.007380
893.145419    54.200756    2061.157

 COMB      DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.703218  -715.178059   -11.269779
-1020.945   -46.823226   -4599.109
 0.25000   -15.703218  -682.110173   -11.269779
-1011.507   -42.599866   -4057.871
 0.50000   -15.703218  -651.128116   -11.269779
-1002.520   -47.455143   -3584.880
 0.75000   -15.703218  -624.614919   -11.269779
-993.973860   -59.139939   -3174.692
 1.00000   -15.703218  -600.093628   -11.269779
-985.877383   -72.553422   -2826.835
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1219

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      91 ================== LENGTH
=     4.958415

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    4.560005    27.895503    2.288003
68.212015    17.150186   382.700384
 0.25000    4.560005    28.392013    2.288003
69.404652    15.446442   461.817516
 0.50000    4.560005    28.955234    2.288003
70.606812    14.110249   552.869126
 0.75000    4.560005    29.568799    2.288003
71.826470    12.987036   653.381998
 1.00000    4.560005    30.215310    2.288003
73.484421    12.106312   760.357881

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.337200  -109.910893   -0.190225
-479.618319   -2.789747   -699.969867
 0.25000   -4.337200  -109.256548   -0.190225
-477.956999   -2.762728   -675.294058
 0.50000   -4.337200  -108.623697   -0.190225
-476.730403   -2.748896   -650.722984
 0.75000   -4.337200  -108.030768   -0.190225
-475.506982   -2.751800   -626.235650
 1.00000   -4.337200  -107.495399   -0.190225
-474.279073   -2.775215   -601.753370

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    7.220598    65.432949    2.201107
135.863981    19.161871   997.021297
 0.25000    7.220598    70.410873    2.201107
146.617910    17.646368    1128.842
 0.50000    7.220598    76.055850    2.201107
157.458506    16.405783    1285.956
 0.75000    7.220598    82.205593    2.201107
168.458087    15.594354    1475.467
 1.00000    7.220598    88.682724    2.201107
183.415443    16.356461    1683.564

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -8.231868  -264.697797    -2.854646
-832.694373   -33.761266   -1267.083
 0.25000   -8.231868  -258.141658    -2.854646
-817.702980   -30.917201   -1218.198
 0.50000   -8.231868  -251.798696    -2.854646
-806.002212   -28.088656   -1169.389
 0.75000   -8.231868  -245.855594    -2.854646
-795.590533   -25.281447   -1120.690
 1.00000   -8.231868  -240.489504    -2.854646
-784.509342   -22.503205   -1072.094

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.708990   127.655697    2.391222
97.028149    27.127729    1680.434
 0.25000    11.708990   156.578579    2.391222
97.028149    26.342312    1941.637
 0.50000    11.708990   189.271525    2.391222
97.028149    26.488099    2181.277
 0.75000    11.708990   224.878368    2.391222
97.028149    27.679112    2403.979
 1.00000    11.708990   262.267073    2.391222
97.028149    30.238778    2604.584

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.359692  -529.686718    -4.882947
-631.746261   -35.702136   -1714.182
 0.25000   -12.359692  -491.831971    -4.882947
-633.772317   -32.256408   -1644.704
 0.50000   -12.359692  -455.091305    -4.882947
-635.393026   -28.824868   -1575.293
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1220

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000   -12.359692  -420.652442    -4.882947
-637.210225   -25.427460   -1506.080
 1.00000   -12.359692  -389.563207    -4.882947
-640.201887   -22.078512   -1437.143

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    11.562018   127.490848    3.254154
349.584230    38.281950    1808.200
 0.25000    11.562018   151.275563    3.254154
349.584230    36.133616    2062.487
 0.50000    11.562018   178.160152    3.254154
349.584230    34.770238    2313.924
 0.75000    11.562018   207.441871    3.254154
349.584230    34.262025    2574.029
 1.00000    11.562018   238.189010    3.254154
349.584230    35.012823    2833.511

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.670497  -529.799556    -4.615587
-571.901693   -34.987156   -1886.327
 0.25000   -11.670497  -498.669247    -4.615587
-571.901693   -31.631806   -1810.117
 0.50000   -11.670497  -468.455575    -4.615587
-571.901693   -28.289275   -1733.966
 0.75000   -11.670497  -440.135260    -4.615587
-572.288888   -24.966642   -1657.999
 1.00000   -11.670497  -414.567830    -4.615587
-572.997667   -21.695624   -1582.285

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    4.716192    62.121091    0.212604
70.095809    2.817162    838.101789
 0.25000    4.716192    77.908048    0.212604
89.980482    2.746998    942.205540
 0.50000    4.716192    95.779247    0.212604
110.033760    3.191524    1033.170
 0.75000    4.716192   115.246089    0.212604
130.398060    5.265184    1119.088
 1.00000    4.716192   135.725160    0.212604
158.155048    8.247683    1194.825

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -5.759069  -258.873580    -3.567497
-346.114597   -36.434747   -662.233830
 0.25000   -5.759069  -238.143086    -3.567497
-318.248041   -32.910825   -633.055523
 0.50000   -5.759069  -218.060797    -3.567497
-297.639597   -29.397838   -603.877223
 0.75000   -5.759069   -199.241504    -3.567497
-277.090278   -25.884931   -574.754543
 1.00000   -5.759069  -182.250116    -3.567497
-256.480557   -22.405159   -545.831918

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.619721    122.607688    1.558986
153.420468    25.022520    1640.198
 0.25000    9.619721    154.187502    1.558986
153.420468    24.451362    1845.918
 0.50000    9.619721    189.882973    1.558986
153.420468    24.663653    2023.211
 0.75000    9.619721    228.761389    1.558986
153.420468    25.793330    2186.962
 1.00000    9.619721    269.585613    1.558986
153.420468    28.436651    2328.564

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.323667  -507.715989    -5.444598
-175.034981   -40.300782   -1276.040
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1221

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000   -10.323667  -466.383047    -5.444598
-175.034981   -36.119491   -1220.022
 0.50000   -10.323667  -426.267323    -5.444598
-175.034981   -31.939408   -1164.009
 0.75000   -10.323667  -388.665643    -5.444598
-175.034981   -27.764420   -1108.151
 1.00000   -10.323667  -354.718461    -5.444598
-175.034981   -23.622614   -1052.630

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.863356   131.441276    1.965503
183.401491    28.958720    1826.940
 0.25000    10.863356   160.180564    1.965503
183.401491    28.298645    2017.214
 0.50000    10.863356   192.665048    1.965503
183.401491    28.441128    2305.893
 0.75000    10.863356   228.046653    1.965503
183.401491    29.417061    2534.779
 1.00000    10.863356   265.199381    1.965503
183.401491    31.684510    2753.427

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.081766  -547.623213    -5.995348
-517.417072   -50.027886   -1709.766
 0.25000   -11.081766  -510.077607    -5.995348
-517.389873   -44.948529   -1638.271
 0.50000   -11.081766  -473.500216    -5.995348
-517.317748   -39.870732   -1566.787
 0.75000   -11.081766  -439.281216    -5.995348
-517.292662   -34.796994   -1495.466
 1.00000   -11.081766  -408.386282    -5.995348
-517.292677   -29.922682   -1424.446

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.309449   126.584403    2.252689
433.207173    28.393174    1816.875
 0.25000    10.309449   150.806108    2.252689
433.207173    27.462297    2076.696
 0.50000    10.309449   178.184521    2.252689
433.207173    27.182017    2328.305
 0.75000    10.309449   208.004251    2.252689
433.207173    27.629757    2587.126
 1.00000    10.309449   239.316415    2.252689
433.207173    29.140737    2845.586

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.606836  -531.922474    -5.371022
-458.029098   -47.634285   -1882.997
 0.25000   -10.606836  -500.220123    -5.371022
-458.029098   -42.910813   -1806.448
 0.50000   -10.606836  -469.451378    -5.371022
-458.029098   -38.188419   -1729.921
 0.75000   -10.606836  -440.610904    -5.371022
-458.029098   -33.469200   -1653.540
 1.00000   -10.606836  -414.573428    -5.371022
-458.029098   -28.924920   -1577.404

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    3.448112    27.810634    1.848689
459.717639    5.087272    406.196245
 0.25000    3.448112    28.401165    1.848689
457.684135    4.766931    486.496391
 0.50000    3.448112    29.071942    1.848689
456.188131    4.446966    579.939174
 0.75000    3.448112    29.802386    1.848689
454.694977    4.128646    684.161855
 1.00000    3.448112    30.566714    1.848689
453.193797    3.821186    795.829065
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1222

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -3.541179  -114.238959    -0.655255
-58.357163   -10.133058   -699.599084
 0.25000   -3.541179  -113.464841    -0.655255
-59.836753   -9.366354   -674.914452
 0.50000   -3.541179  -112.710863    -0.655255
-61.326211   -8.599661   -650.283557
 0.75000   -3.541179  -112.003823    -0.655255
-62.834441   -9.096661   -625.656663
 1.00000   -3.541179  -111.368276    -0.655255
-64.872620   -10.797497   -601.032783

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    6.645713    67.632163    3.669112
788.043936    29.597878    1034.924
 0.25000    6.645713    73.952911    3.669112
769.198072    27.026034    1171.891
 0.50000    6.645713    81.127809    3.669112
755.337387    24.455421    1330.673
 0.75000    6.645713    88.941135    3.669112
741.502389    21.884899    1518.455
 1.00000    6.645713    97.120783    3.669112
727.592482    19.777189    1723.291

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -6.442952  -275.847434    -1.844394
-131.894456   -16.731098   -1244.558
 0.25000   -6.442952  -267.563401    -1.844394
-145.620746   -15.275464   -1196.745
 0.50000   -6.442952  -259.498754    -1.844394
-159.437228   -13.826575   -1148.992
 0.75000   -6.442952  -251.936620    -1.844394
-173.425822   -12.400498   -1101.304
 1.00000   -6.442952  -245.135115    -1.844394
-192.321204   -12.556006   -1053.692

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.964231   127.468660    2.871501
575.435059    25.225534    1697.178
 0.25000    10.964231   156.645274    2.871501
575.435059    24.653460    1958.252
 0.50000    10.964231   189.623891    2.871501
575.435059    24.830504    2197.102
 0.75000    10.964231   225.544041    2.871501
575.435059    25.817332    2419.237
 1.00000    10.964231   263.262497    2.871501
575.435059    27.652212    2619.974

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.869139  -531.952499    -4.478477
-112.886513   -31.645814   -1688.616
 0.25000   -10.869139  -493.764177    -4.478477
-112.196476   -28.436614   -1620.257
 0.50000   -10.869139  -456.701268    -4.478477
-111.557341   -25.228769   -1551.950
 0.75000   -10.869139  -421.961905    -4.478477
-110.944486   -22.024592   -1483.776
 1.00000   -10.869139  -390.595999    -4.478477
-110.387676   -20.025615   -1415.878

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.683804   126.887275    2.635964
521.313004    23.761380    1806.768
 0.25000    10.683804   150.781536    2.635964
521.313004    23.329522    2062.695
 0.50000    10.683804   177.789790    2.635964
521.313004    23.497396    2314.762
 0.75000    10.683804   207.206430    2.635964
521.313004    24.358298    2575.309
 1.00000    10.683804   238.095378    2.635964
521.313004    26.318336    2834.902
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1223

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.684997  -530.227201    -5.720860
-379.075408   -53.702803   -1879.560
 0.25000   -11.684997  -498.953352    -5.720860
-379.075408   -48.534755   -1803.562
 0.50000   -11.684997  -468.600562    -5.720860
-379.075408   -43.404515   -1727.612
 0.75000   -11.684997  -440.150047    -5.720860
-379.075408   -38.362163   -1651.785
 1.00000   -11.684997  -414.464379    -5.720860
-379.075408   -34.329010   -1576.208

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.937442    43.788041    3.969063
139.621338    35.183137   577.770991
 0.25000    9.937442    44.141363    3.969063
140.549421    31.002818   623.824895
 0.50000    9.937442    44.540761    3.969063
141.556465    26.955343   690.349800
 0.75000    9.937442    44.969760    3.969063
142.644032    23.085735   785.706404
 1.00000    9.937442    45.411757    3.969063
143.808033    19.663096   908.206843

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.686394  -146.080412    -0.290980
-584.489443    -5.377392   -1001.182
 0.25000   -4.686394  -145.555855    -0.290980
-583.175632    -5.355782   -923.206878
 0.50000   -4.686394  -145.037549    -0.290980
-581.937208    -5.358512   -873.105673
 0.75000   -4.686394  -144.544317    -0.290980
-580.771053    -5.407262   -848.082861
 1.00000   -4.686394  -144.091557    -0.290980
-579.679727    -5.924119   -848.979098

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    12.230607    99.179654    3.862095
247.057282    33.536836    1236.774
 0.25000    12.230607    102.167103    3.862095
253.775484    29.745677    1305.408
 0.50000    12.230607    105.540837    3.862095
261.081363    26.170514    1418.423
 0.75000    12.230607    109.166332    3.862095
268.946056    23.218427    1596.668
 1.00000    12.230607    112.901489    3.862095
277.394627    21.810241    1828.067

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.001207  -314.150079    -4.281873
-949.070543   -48.960474   -1831.566
 0.25000   -11.001207  -309.717661    -4.281873
-939.541954   -44.459993   -1671.343
 0.50000   -11.001207  -305.340455    -4.281873
-930.540797   -40.071552   -1568.322
 0.75000   -11.001207  -301.171658    -4.281873
-922.073631   -36.008602   -1513.652
 1.00000   -11.001207  -297.344476    -4.281873
-914.149276   -32.737768   -1508.515

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    16.123107   169.853819    4.198097
224.221547    43.084166    1922.018
 0.25000    16.123107   189.996412    4.198097
219.328312    39.772137    2069.949
 0.50000    16.123107   212.750038    4.198097
214.775623    37.214951    2241.675
 0.75000    16.123107   237.221506    4.198097
210.549683    35.739634    2460.863
 1.00000    16.123107   262.407195    4.198097
206.649721    35.918785    2715.428
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1224

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -14.629350 -560.853528   -6.306064
-764.075542   -55.123617   -2530.957
 0.25000   -14.629350 -530.963988   -6.306064
-768.226049   -49.523175   -2291.584
 0.50000   -14.629350 -501.486906   -6.306064
-772.690687   -44.266892   -2137.823
 0.75000   -14.629350 -473.394017   -6.306064
-777.475484   -39.514268   -2055.263
 1.00000   -14.629350 -447.609211   -6.306064
-782.587234   -35.578491   -2041.659

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.107185   174.211284    4.921392
473.337091   55.533447   2059.508
 0.25000   16.107185   190.792869    4.921392
470.015745   51.151542   2200.650
 0.50000   16.107185   209.522705    4.921392
466.933704   47.435773   2383.852
 0.75000   16.107185   229.666619    4.921392
464.062920   44.620507   2636.838
 1.00000   16.107185   250.398488    4.921392
461.457777   43.180146   2938.666

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.622332 -572.434646   -5.880528
-709.251689   -52.826364   -2741.920
 0.25000  -13.622332 -547.830577   -5.880528
-712.162604   -47.572567   -2485.813
 0.50000  -13.622332 -523.565958   -5.880528
-715.289439   -42.611050   -2321.734
 0.75000  -13.622332 -500.648872   -5.880528
-718.637285   -38.078558   -2234.727
 1.00000  -13.622332 -479.214716   -5.880528
-722.212292   -34.233636   -2221.258

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.583299    79.814880    0.320998
99.790159    3.875939   845.903959
 0.25000    4.583299    91.084694    0.320998
116.730257    3.721683   902.933724
 0.50000    4.583299   103.809166    0.320998
135.103825    4.417905   965.685429
 0.75000    4.583299   117.498303    0.320998
154.932057    6.048196   1047.048
 1.00000    4.583299   131.573570    0.320998
176.194711    8.607370   1138.023

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.680629 -256.425734   -5.125433
-353.508595   -51.419926   -973.449522
 0.25000   -8.680629 -239.713763   -5.125433
-329.326626   -46.541200   -871.261312
 0.50000   -8.680629 -223.206627   -5.125433
-306.489240   -40.320019   -805.252545
 0.75000   -8.680629 -207.483930   -5.125433
-285.019340   -35.376474   -768.226966
 1.00000   -8.680629 -193.051075   -5.125433
-264.897176   -30.924971   -758.967455

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.326349   157.344519    1.859070
180.888022   29.855135   1667.588
 0.25000   10.326349   179.857611    1.859070
180.888022   28.987561   1781.868
 0.50000   10.326349   205.319622    1.859070
180.888022   28.876463   1906.297
 0.75000   10.326349   232.685739    1.859070
180.888022   29.741619   2066.471
 1.00000   10.326349   260.849383    1.859070
180.888022   32.000607   2242.377
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1225

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.372339 -504.843865   -6.889564
-201.095710   -57.319012   -1891.159
 0.25000  -12.372339 -471.430259   -6.889564
-201.095710   -50.913260   -1693.053
 0.50000  -12.372339 -438.453440   -6.889564
-201.095710   -44.559587   -1555.885
 0.75000  -12.372339 -407.037943   -6.889564
-201.095710   -39.248431   -1495.894
 1.00000  -12.372339 -378.196208   -6.889564
-201.095710   -34.216507   -1478.423

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.020814   174.488444    2.576854
262.873038   35.110416   1991.774
 0.25000   13.020814   195.071264    2.576854
262.873156   33.849217   2131.331
 0.50000   13.020814   218.312418    2.576854
262.873232   33.381395   2298.695
 0.75000   13.020814   243.309729    2.576854
262.873469   34.059219   2521.299
 1.00000   13.020814   269.035564    2.576854
262.873469   35.927440   2778.113

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.457224 -573.206627   -7.027669
-611.581614   -65.121482   -2617.762
 0.25000  -13.457224 -542.684985   -7.027669
-610.854220   -58.756279   -2378.887
 0.50000  -13.457224 -512.562209   -7.027669
-610.103518   -52.824581   -2217.231
 0.75000  -13.457224 -483.865794   -7.027669
-609.337409   -47.527974   -2101.956
 1.00000  -13.457224 -457.514473   -7.027669
-608.563865   -42.788684   -2078.666

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.177884   171.777890    3.130280
546.632196   37.760963   2061.122
 0.25000   12.177884   189.180818    3.130280
546.632196   35.618745   2209.484
 0.50000   12.177884   208.833016    3.130280
546.632196   34.140552   2396.887
 0.75000   12.177884   229.970122    3.130280
546.632196   33.667779   2649.287
 1.00000   12.177884   251.723225    3.130280
546.632196   34.396514   2944.731

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.974411 -575.197409   -6.318150
-569.995160   -62.025839   -2827.158
 0.25000  -12.974411 -549.389327   -6.318150
-569.995160   -56.113918   -2575.668
 0.50000  -12.974411 -523.918613   -6.318150
-569.995160   -50.554825   -2407.752
 0.75000  -12.974411 -499.653836   -6.318150
-569.995160   -45.568895   -2295.722
 1.00000  -12.974411 -477.376987   -6.318150
-569.995160   -41.251155   -2276.021

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.353595    43.282415    1.867057
550.217428    8.235459   585.700940
 0.25000    3.353595    43.718417    1.867057
548.573520    7.318857   635.439751
 0.50000    3.353595    44.213672    1.867057
547.024526    6.600260   707.194318
 0.75000    3.353595    44.746216    1.867057
545.570833    5.980971   807.612270
 1.00000    3.353595    45.294304    1.867057
544.212554    5.409015   932.510851
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1226

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.287953 -149.492512   -0.940714
-111.660754   -16.531492   -992.923930
 0.25000   -5.287953 -148.842637   -0.940714
-112.849851   -15.973023   -916.523174
 0.50000   -5.287953 -148.201065   -0.940714
-114.139050   -15.612481   -867.780213
 0.75000   -5.287953 -147.590350   -0.940714
-115.527811   -16.112163   -844.002811
 1.00000   -5.287953 -147.031852   -0.940714
-117.017428   -16.967342   -844.345825

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.269845    99.502325    3.841582
876.788837   37.873894   1245.006
 0.25000    8.269845   103.452879    3.841582
864.362961   34.857504   1319.949
 0.50000    8.269845   107.936403    3.841582
852.657742   32.132269   1438.566
 0.75000    8.269845   112.755699    3.841582
841.674841   29.566450   1620.026
 1.00000    8.269845   117.719468    3.841582
831.412889   27.216602   1847.263

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.991829 -319.869364   -2.231814
-209.741785   -24.576444   -1803.964
 0.25000   -7.991829 -313.985277   -2.231814
-218.754522   -23.119110   -1644.679
 0.50000   -7.991829 -308.177923   -2.231814
-228.517833   -21.952630   -1545.628
 0.75000   -7.991829 -302.646164   -2.231814
-239.043421   -20.945201   -1495.564
 1.00000   -7.991829 -297.586951   -2.231814
-250.319497   -21.141702   -1487.901

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.634938   166.971983    3.342399
689.128621   34.149594   1895.104
 0.25000   11.634938   187.357477    3.342399
692.018158   32.437730   2045.152
 0.50000   11.634938   210.367720    3.342399
695.191759   31.655501   2218.668
 0.75000   11.634938   235.116914    3.342399
698.636043   31.863794   2437.764
 1.00000   11.634938   260.587507    3.342399
702.350960   32.733762   2686.589

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.349508 -555.649326   -5.495041
-214.014439   -47.745639   -2453.717
 0.25000  -13.349508 -525.424082   -5.495041
-209.053012   -43.244816   -2229.386
 0.50000  -13.349508 -495.598792   -5.495041
-204.313318   -39.315742   -2074.455
 0.75000  -13.349508 -467.185181   -5.495041
-199.805451   -35.906675   -1997.134
 1.00000  -13.349508 -441.090006   -5.495041
-195.538730   -33.717353   -1983.712

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.648952   172.806477    3.113881
659.063778   31.807582   2050.390
 0.25000   11.648952   189.562228    3.113881
660.493946   30.517589   2194.172
 0.50000   11.648952   208.476664    3.113881
662.494408   29.995665   2379.880
 0.75000   11.648952   228.820473    3.113881
664.676229   30.309352   2633.631
 1.00000   11.648952   249.757252    3.113881
667.032069   31.596353   2934.313
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1227

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.133842 -572.314358   -7.000786
-504.428668   -71.706468   -2790.812
 0.25000  -15.133842 -547.469442   -7.000786
-501.129669   -65.352498   -2540.248
 0.50000  -15.133842 -522.953372   -7.000786
-497.968293   -59.471182   -2374.706
 0.75000  -15.133842 -499.597574   -7.000786
-494.952270   -54.038298   -2285.963
 1.00000  -15.133842 -478.148624   -7.000786
-492.090046   -49.799894   -2269.542

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.708990   131.441276    3.669112
788.043936   38.281950   1826.940
 0.25000   11.708990   160.180564    3.669112
769.198072   36.133616   2076.686
 0.50000   11.708990   192.665048    3.669112
755.337387   34.770238   2328.305
 0.75000   11.708990   228.761389    3.669112
741.502389   34.262025   2587.126
 1.00000   11.708990   269.585613    3.669112
727.592482   35.012823   2845.586

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.359692 -547.623213   -5.995348
-832.694373   -53.702803   -1886.327
 0.25000  -12.359692 -510.007607   -5.995348
-817.702980   -48.534755   -1810.117
 0.50000  -12.359692 -473.500216   -5.995348
-806.632212   -43.404515   -1733.966
 0.75000  -12.359692 -440.610904   -5.995348
-795.590533   -38.362163   -1657.999
 1.00000  -12.359692 -414.573428   -5.995348
-784.509342   -34.329010   -1582.285

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.123107   174.488444    4.921392
876.788837   55.533447   2061.122
 0.25000   16.123107   195.071264    4.921392
864.362961   51.151542   2209.484
 0.50000   16.123107   218.312418    4.921392
852.657742   47.435773   2396.887
 0.75000   16.123107   243.309729    4.921392
841.674841   44.620507   2649.287
 1.00000   16.123107   269.035564    4.921392
831.412889   43.180146   2944.731

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.133842 -575.197409   -7.027669
-949.070543   -71.706468   -2827.158
 0.25000  -15.133842 -549.389327   -7.027669
-939.541954   -65.352498   -2575.668
 0.50000  -15.133842 -523.918613   -7.027669
-930.540797   -59.471182   -2407.752
 0.75000  -15.133842 -500.440872   -7.027669
-922.073631   -54.038298   -2295.722
 1.00000  -15.133842 -479.214716   -7.027669
-914.149276   -49.799894   -2276.021

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.123107   174.488444    4.921392
876.788837   55.533447   2061.122
 0.25000   16.123107   195.071264    4.921392
864.362961   51.151542   2209.484
 0.50000   16.123107   218.312418    4.921392
852.657742   47.435773   2396.887
 0.75000   16.123107   243.309729    4.921392
841.674841   44.620507   2649.287
 1.00000   16.123107   269.585613    4.921392
831.412889   43.180146   2944.731
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1228

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.133842 -575.197409   -7.027669
-949.070543   -71.706468   -2827.158
 0.25000  -15.133842 -549.389327   -7.027669
-939.541954   -65.352498   -2575.668
 0.50000  -15.133842 -523.918613   -7.027669
-930.540797   -59.471182   -2407.752
 0.75000  -15.133842 -500.440872   -7.027669
-922.073631   -54.038298   -2295.722
 1.00000  -15.133842 -479.214716   -7.027669
-914.149276   -49.799894   -2276.021

 COMB    DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   16.123107   174.488444    4.921392
876.788837   55.533447   2061.122
 0.25000   16.123107   195.071264    4.921392
864.362961   51.151542   2209.484
 0.50000   16.123107   218.312418    4.921392
852.657742   47.435773   2396.887
 0.75000   16.123107   243.309729    4.921392
841.674841   44.620507   2649.287
 1.00000   16.123107   269.585613    4.921392
831.412889   43.180146   2944.731

 COMB    DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -15.133842 -575.197409   -7.027669
-949.070543   -71.706468   -2827.158
 0.25000  -15.133842 -549.389327   -7.027669
-939.541954   -65.352498   -2575.668
 0.50000  -15.133842 -523.918613   -7.027669
-930.540797   -59.471182   -2407.752
 0.75000  -15.133842 -500.440872   -7.027669
-922.073631   -54.038298   -2295.722
 1.00000  -15.133842 -479.214716   -7.027669
-914.149276   -49.799894   -2276.021

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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.573067    28.241016    2.229457
73.574127   12.132548   761.897552
 0.25000    4.573067    28.750433    2.229457
74.177867   10.601668   820.754755
 0.50000    4.573067    29.327007    2.229457
75.996226    9.447478   889.899679
 0.75000    4.573067    29.954209    2.229457
77.234163    8.498375   966.669467
 1.00000    4.573067    30.613141    2.229457
78.920585    7.758103   1050.394

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.114153   -91.179295   -0.547793
-405.627513   -31.279636   -6019.954814
 0.25000   -4.114153   -90.516359   -0.547793
-403.944371   -3.280517   -573.957951
 0.50000   -4.114153   -89.678570   -0.547793
-402.698185   -3.373570   -545.961088
 0.75000   -4.114153   -89.283414   -0.547793
-401.452096   -3.784738   -517.964225
 1.00000   -4.114153   -88.748814   -0.547793
-400.194800   -5.199994   -489.967362

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.083062    78.835069    2.232067
156.157266   16.724326   1685.819
 0.25000    7.083062    83.940972    2.232067
167.028603   16.778716   1774.404
 0.50000    7.083062    89.720074    2.232067
178.015107   17.276659   1884.711
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1229

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    7.083062    96.006394    2.232067
189.188459   18.216821   2024.804
 1.00000    7.083062   102.608690    2.232067
204.410997   19.451358   2183.774

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.955840 -226.799201   -3.804934
-725.700293   -22.884990   -1072.392
 0.25000   -7.955840 -220.156805   -3.804934
-710.502532   -19.469616   -1023.065
 0.50000   -7.955840 -213.764119   -3.804934
-699.251146   -16.102248 -973.737610
 0.75000   -7.955840 -207.798494   -3.804934
-687.989549   -12.764337 -924.410197
 1.00000   -7.955840 -202.439915   -3.804934
-676.648814    -9.599153 -875.082784

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.281492   158.018644    3.234335
109.822039   31.536697   2606.439
 0.25000   11.281492   187.596595    3.234335
109.822039   30.975685   2803.590
 0.50000   11.281492   221.081627    3.234335
109.822039   31.563935   2974.612
 0.75000   11.281492   257.492671    3.234335
109.822039   33.271661   3125.571
 1.00000   11.281492   295.624575    3.234335
109.822039   35.816399   3253.970

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.787199 -474.524772   -5.261485
-540.393348   -22.903352   -1437.372
 0.25000  -11.787199 -436.162441   -5.261485
-542.472076   -19.917602   -1371.908
 0.50000  -11.787199 -399.121742   -5.261485
-544.494646   -17.011164   -1306.445
 0.75000  -11.787199 -364.541186   -5.261485
-546.484202   -14.191742   -1240.981
 1.00000  -11.787199 -333.484783   -5.261485
-549.119085   -11.515690   -1175.517

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.220091   157.569614    4.230624
326.493527   36.579572   2834.226
 0.25000   11.220091   181.894259    4.230624
326.493527   34.417577   3017.610
 0.50000   11.220091   209.430247    4.230624
326.493527   33.480135   3193.949
 0.75000   11.220091   239.372873    4.230624
326.493527   33.857640   3374.037
 1.00000   11.220091   270.730990    4.230624
326.493527   35.425116   3553.084

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.093279 -469.155681   -4.944362
-499.898624   -23.356141   -1582.355
 0.25000  -11.093279 -437.608099   -4.944362
-499.898624   -20.413617   -1510.325
 0.50000  -11.093279 -407.147820   -4.944362
-500.265742   -17.539182   -1438.295
 0.75000  -11.093279 -378.711121   -4.944362
-500.827911   -14.747439   -1366.265
 1.00000  -11.093279 -353.170755   -4.944362
-501.401408   -12.080239   -1294.235

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.425813    82.993351    0.197241
85.970561    8.842897   1195.464
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1230

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    4.425813    99.160053    0.197241
106.179945   10.706869   1270.978
 0.50000    4.425813   117.459282    0.197241
126.620496   12.923302   1331.798
 0.75000    4.425813   137.361887    0.197241
147.423407   15.512785   1386.096
 1.00000    4.425813   158.240661    0.197241
175.781759   18.421025   1430.687

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.566270 -235.100928   -3.655429
-322.991837   -22.244079   -545.893472
 0.25000   -5.566270 -214.095615   -3.655429
-294.648522   -18.223899   -521.326240
 0.50000   -5.566270 -193.853283   -3.655429
-273.624427   -14.281331   -496.759012
 0.75000   -5.566270 -174.960209   -3.655429
-252.595057   -10.420984   -472.191785
 1.00000   -5.566270 -157.990245   -3.655429
-231.435623    -6.795524   -447.624558

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.136358   163.111889    2.725913
150.146280   30.018854   2328.570
 0.25000    9.136358   195.408990    2.725913
150.146280   29.712276   2479.214
 0.50000    9.136358   231.969311    2.725913
150.146280   30.734414   2598.413
 0.75000    9.136358   271.725165    2.725913
150.146280   33.244817   2701.264
 1.00000    9.136358   313.360536    2.725913
150.146280   36.811364   2782.608

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.831871 -461.725450   -5.366813
-166.012121   -24.343143   -1052.598
 0.25000   -9.831871 -419.838529   -5.366813
-166.012121   -20.577265   -1005.419
 0.50000   -9.831871 -379.395422   -5.366813
-166.012121   -16.873427   -958.239594
 0.75000   -9.831871 -341.639263   -5.366813
-166.012121   -13.244765   -911.060404
 1.00000   -9.831871 -307.728037   -5.366813
-166.012121    -9.761982   -863.881215

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.447524   166.771213    3.037765
182.274725   33.343357   2754.499
 0.25000   10.447524   196.164507    3.037765
182.274725   32.490952   2934.864
 0.50000   10.447524   229.435873    3.037765
182.274725   32.884409   3093.702
 0.75000   10.447524   265.615782    3.037765
182.274725   34.643542   3246.702
 1.00000   10.447524   303.506500    3.037765
182.274725   37.484141   3388.570

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.536534 -490.220662   -6.236203
-457.465794   -30.626395   -1424.569
 0.25000  -10.536534 -452.101047   -6.236203
-457.130777   -25.576242   -1360.065
 0.50000  -10.536534 -415.295849   -6.236203
-456.710000   -20.893052   -1295.560
 0.75000  -10.536534 -380.936406   -6.236203
-456.349680   -16.360634   -1231.056
 1.00000  -10.536534 -350.074258   -6.236203
-456.072876   -12.100577   -1166.552
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1231

 F R A M E    E L E M E N T    I N T E R N A
L    F O R C E S
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COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.870039	155.182533	2.953588
390.392282	30.657967	2845.504	
0.25000	9.870039	179.954396	2.953588
390.392282	29.435979	3033.637	
0.50000	9.870039	207.996149	2.953588
390.392282	29.220659	3209.078	
0.75000	9.870039	238.488874	2.953588
390.392282	30.256227	3387.060	
1.00000	9.870039	270.423187	2.953588
390.392282	32.637704	3562.982	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.070853	-470.835767	-5.653859
-409.066349	-30.697939	-1577.374	
0.25000	-10.070853	-438.708515	-5.653859
-409.066349	-25.899623	-1505.573	
0.50000	-10.070853	-407.688667	-5.653859
-409.066349	-21.406510	-1433.771	
0.75000	-10.070853	-378.729708	-5.653859
-409.066349	-17.041993	-1361.969	
1.00000	-10.070853	-352.719810	-5.653859
-409.066349	-12.901103	-1290.168	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.233436	28.359680	1.329707
389.337813	4.108151	794.150564	
0.25000	3.233436	28.964180	1.329707
387.294520	3.771913	853.448687	
0.50000	3.233436	29.651559	1.329707
385.789759	3.605458	923.390149	
0.75000	3.233436	30.398740	1.329707
384.280646	3.850676	1002.586	
1.00000	3.233436	31.178762	1.329707
382.756564	4.197359	1089.147	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.330219	-95.023906	-0.921483
-64.438614	-9.083784	-600.829973	
0.25000	-3.330219	-94.239199	-0.921483
-65.913053	-7.989899	-572.730763	
0.50000	-3.330219	-93.478797	-0.921483
-67.399916	-7.628511	-544.631552	
0.75000	-3.330219	-92.768604	-0.921483
-68.909417	-8.122178	-516.532342	
1.00000	-3.330219	-92.133622	-0.921483
-70.962509	-8.947606	-488.433132	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.355865	81.707289	3.676728
690.777649	20.691282	1720.828	
0.25000	6.355865	88.176748	3.676728
671.856176	18.199369	1814.283	
0.50000	6.355865	95.528719	3.676728
657.921874	16.448799	1925.847	
0.75000	6.355865	103.520713	3.676728
643.948222	16.111593	2063.345	
1.00000	6.355865	111.867577	3.676728
629.837383	16.607158	2217.840	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.038847	-237.792813	-2.077115
-152.073888	-13.889552	-1053.376	
0.25000	-6.038847	-229.395778	-2.077115
-165.736666	-12.306857	-1004.973	
0.50000	-6.038847	-221.262807	-2.077115
-179.514400	-10.728189	-956.569422	
0.75000	-6.038847	-213.667304	-2.077115
-193.501335	-9.692834	-908.166043	
1.00000	-6.038847	-206.872009	-2.077115
-212.521243	-10.306665	-859.762664	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1232

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.382897	158.267423	3.401067
494.343021	29.293151	2618.056	
0.25000	10.382897	188.178853	3.401067
494.343021	28.140640	2815.108	
0.50000	10.382897	221.886202	3.401067
494.343021	28.124926	2985.139	
0.75000	10.382897	258.616660	3.401067
494.343021	29.734989	3134.931	
1.00000	10.382897	297.084201	3.401067
494.343021	32.455900	3262.733	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.221498	-476.882790	-4.338687
-122.391027	-21.563679	-1415.608	
0.25000	-10.221498	-438.182887	-4.338687
-121.276289	-18.800708	-1351.106	
0.50000	-10.221498	-400.817728	-4.338687
-120.277056	-16.077515	-1286.603	
0.75000	-10.221498	-365.935681	-4.338687
-119.338138	-13.317419	-1222.101	
1.00000	-10.221498	-334.603305	-4.338687
-118.479165	-13.183176	-1157.599	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.164342	156.679738	3.095455
461.245337	27.917053	2834.069	
0.25000	10.164342	181.116908	3.095455
461.245337	27.490261	3018.956	
0.50000	10.164342	208.779507	3.095455
461.245337	28.041780	3195.590	
0.75000	10.164342	238.860011	3.095455
461.245337	30.007529	3375.427	
1.00000	10.164342	270.362669	3.095455
461.245337	32.901311	3553.832	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.165564	-469.547791	-6.156477
-347.735903	-35.394421	-1576.095	
0.25000	-11.165564	-437.854807	-6.156477
-347.735903	-30.062451	-1504.194	
0.50000	-11.165564	-407.254327	-6.156477
-347.735903	-24.776784	-1432.293	
0.75000	-11.165564	-378.686950	-6.156477
-347.735903	-19.786766	-1360.393	
1.00000	-11.165564	-353.028497	-6.156477
-347.735905	-16.446601	-1288.492	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.818342	45.092269	3.940202
97.729953	20.854566	910.335549	
0.25000	9.818342	45.467350	3.940202
98.675825	17.059543	990.697105	
0.50000	9.818342	45.889397	3.940202
99.707309	13.728260	1073.375	
0.75000	9.818342	46.342029	3.940202
100.824736	11.155271	1157.851	
1.00000	9.818342	46.806091	3.940202
102.029344	9.696265	1244.996	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.462845	-120.118678	-0.615968
-469.002229	-7.009929	-849.513250	
0.25000	-4.462845	-119.605524	-0.615968
-467.700609	-6.999714	-842.502335	
0.50000	-4.462845	-119.099656	-0.615968
-466.467727	-7.385834	-854.147057	
0.75000	-4.462845	-118.618402	-0.615968
-465.304448	-8.993561	-858.795921	
1.00000	-4.462845	-118.179927	-0.615968
-464.210990	-12.025955	-863.424435	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1233

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.950907	111.146609	3.822427
192.670259	23.570885	1831.108	
0.25000	11.950907	114.318604	3.822427
199.527362	21.443110	1960.507	
0.50000	11.950907	117.883403	3.822427
207.006471	20.199454	2098.679	
0.75000	11.950907	121.700822	3.822427
215.105197	20.161214	2252.188	
1.00000	11.950907	125.630221	3.822427
223.839814	21.468517	2410.631	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.682589	-258.960111	-4.966145
-775.601146	-33.757283	-1509.304	
0.25000	-10.682589	-254.624008	-4.966145
-766.149580	-29.385811	-1510.620	
0.50000	-10.682589	-250.348390	-4.966145
-757.197502	-25.950926	-1520.404	
0.75000	-10.682589	-246.281785	-4.966145
-748.749056	-23.528730	-1530.177	
1.00000	-10.682589	-242.576588	-4.966145
-740.808759	-22.961200	-1539.929	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.572681	193.372970	4.790910
175.035881	38.600918	2717.937	
0.25000	15.572681	214.771296	4.790910
170.351478	36.344735	2951.180	
0.50000	15.572681	238.822454	4.790910
165.949037	35.319951	3155.722	
0.75000	15.572681	264.598144	4.790910
161.824225	35.917280	3334.466	
1.00000	15.572681	291.067510	4.790910
157.975193	38.051061	3481.093	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.037241	-476.667129	-6.160042
-617.455766	-36.970177	-2042.272	
0.25000	-14.037241	-447.444450	-6.160042
-621.442455	-32.905287	-2045.348	
0.50000	-14.037241	-418.620452	-6.160042
-625.764146	-29.840291	-2059.864	
0.75000	-14.037241	-391.200746	-6.160042
-630.429443	-27.787573	-2074.415	
1.00000	-14.037241	-366.220632	-6.160042
-635.450577	-27.314119	-2088.918	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.622252	199.077252	5.864906
381.343120	46.501083	2939.685	
0.25000	15.622252	216.692435	5.864906
378.186097	42.763491	3170.283	
0.50000	15.622252	236.490326	5.864906
375.223653	40.169845	3386.803	
0.75000	15.622252	257.707759	5.864906
372.457155	39.103195	3593.828	
1.00000	15.622252	279.496313	5.864906
369.871411	39.649384	3778.220	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.054810	-481.551026	-5.732147
-573.942263	-36.432284	-2221.460	
0.25000	-13.054810	-457.495976	-5.732147
-576.707949	-32.715582	-2225.467	
0.50000	-13.054810	-433.769155	-5.732147
-579.705834	-29.883185	-2241.788	
0.75000	-13.054810	-411.198253	-5.732147
-582.942968	-27.947277	-2258.122	
1.00000	-13.054810	-390.634514	-5.732147
-586.424615	-27.383904	-2274.430	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1234

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.294762	94.272871	0.302192
94.901430	9.173688	1138.711	
0.25000	4.294762	106.241432	0.302192
112.201356	10.663445	1228.251	
0.50000	4.294762	119.695509	0.302192
131.065167	12.710681	1302.448	
0.75000	4.294762	134.108322	0.302192
151.529970	15.147885	1365.411	
1.00000	4.294762	148.917880	0.302192
173.559385	17.902455	1411.190	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.455404	-219.966894	-5.021574
-312.493010	-30.634782	-1551.136869	
0.25000	-8.455404	-203.616163	-5.021574
-288.515915	-25.902793	-760.710859	
0.50000	-8.455404	-187.489375	-5.021574
-265.798123	-21.450975	-766.693679	
0.75000	-8.455404	-172.149745	-5.021574
-244.347922	-17.179668	-772.690565	
1.00000	-8.455404	-158.172494	-5.021574
-224.172603	-13.119397	-778.630080	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.808100	185.845736	2.969665
158.470535	33.648628	2242.352	
0.25000	9.808100	209.779829	2.969665
158.470535	33.277599	2419.172	
0.50000	9.808100	236.674784	2.969665
158.470535	33.858173	2564.710	
0.75000	9.808100	265.497983	2.969665
158.470535	35.437108	2686.750	
1.00000	9.808100	295.097174	2.969665
158.470535	37.767058	2773.914	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.873106	-433.437775	-6.226844
-172.561343	-34.612727	-1478.361	
0.25000	-11.873106	-400.758036	-6.226844
-172.561343	-30.315241	-1482.328	
0.50000	-11.873106	-368.525768	-6.226844
-172.561343	-26.390428	-1494.608	
0.75000	-11.873106	-337.864367	-6.226844
-172.561343	-22.719534	-1506.902	
1.00000	-11.873106	-309.922662	-6.226844
-172.561343	-19.257577	-1519.170	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.505745	201.990342	3.642862
208.454734	37.575135	2779.618	
0.25000	12.505745	223.854249	3.642862
208.454734	36.863832	3001.150	
0.50000	12.505745	248.421073	3.642862
208.454734	37.012422	3198.329	
0.75000	12.505745	274.749207	3.642862
208.454730	38.119495	3376.569	
1.00000	12.505745	301.786349	3.642862
208.456336	40.108634	3522.347	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.972177	-485.769067	-6.834665
-497.370134	-42.781490	-2079.054	
0.25000	-12.972177	-455.917896	-6.834665
-496.456729	-38.179122	-2076.014	
0.50000	-12.972177	-426.475553	-6.834665
-495.531662	-33.887382	-2080.158	
0.75000	-12.972177	-398.471245	-6.834665
-494.601828	-29.853519	-2044.342	
1.00000	-12.972177	-372.943150	-6.834665
-493.675093	-26.224717	-2053.567	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1235

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.675724	196.333426	3.866053
437.887487	37.139519	2944.631	
0.25000	11.675724	214.819699	3.866053
437.887487	35.747968	3180.901	
0.50000	11.675724	235.592888	3.866053
437.887487	35.089713	3400.089	
0.75000	11.675724	257.855420	3.866053
437.887487	35.110310	3605.363	
1.00000	11.675724	280.717314	3.866053
437.887487	36.573500	3782.568	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.499546	-483.553996	-6.266873
-455.350644	-42.651354	-2275.986	
0.25000	-12.499546	-458.312741	-6.266873
-455.350644	-38.338995	-2274.079	
0.50000	-12.499546	-433.417104	-6.266873
-455.350644	-34.445110	-2281.103	
0.75000	-12.499546	-409.734778	-6.266873
-455.350644	-30.586440	-2254.819	
1.00000	-12.499546	-388.153097	-6.266873
-455.350644	-27.293040	-2266.066	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.150985	45.106245	1.442405
448.915689	6.801118	930.296320	
0.25000	3.150985	45.570178	1.442405
447.294588	6.360257	1012.945	
0.50000	3.150985	46.093536	1.442405
445.761007	6.152476	1096.339	
0.75000	3.150985	46.654420	1.442405
444.314444	6.055157	1182.944	
1.00000	3.150985	47.230470	1.442405
442.955688	6.052813	1271.435	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.084652	-122.897920	-1.579669
-84.755133	-16.707420	-843.802970	
0.25000	-5.084652	-122.262255	-1.579669
-85.957427	-15.658090	-843.432735	
0.50000	-5.084652	-121.635108	-1.579669
-87.268221	-14.972358	-847.255331	
0.75000	-5.084652	-121.038783	-1.579669
-88.687371	-14.630373	-851.288813	
1.00000	-5.084652	-120.497723	-1.579669
-90.214393	-14.568887	-855.289666	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.954422	112.327702	4.279477
731.614992	29.103195	1841.110	
0.25000	7.954422	116.528047	4.279477
719.364224	26.420160	1975.352	
0.50000	7.954422	121.268322	4.279477
707.776279	24.034690	2113.718	
0.75000	7.954422	126.346053	4.279477
696.846621	22.343109	2265.339	
1.00000	7.954422	131.560367	4.279477
686.587845	21.149453	2418.690	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.622374	-264.762774	-2.572237
-176.809903	-22.133170	-1487.050	
0.25000	-7.622374	-259.007641	-2.572237
-185.909390	-20.791651	-1487.339	
0.50000	-7.622374	-253.328624	-2.572237
-195.839214	-19.623748	-1494.527	
0.75000	-7.622374	-247.930093	-2.572237
-206.576313	-19.296087	-1501.730	
1.00000	-7.622374	-243.027554	-2.572237
-218.132180	-19.356617	-1508.931	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1236

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.044942	190.786588	3.910567
565.198932	35.404315	2684.048	
0.25000	11.044942	212.438957	3.910567
568.362993	34.140875	2914.634	
0.50000	11.044942	236.761551	3.910567
571.832834	33.721685	3116.268	
0.75000	11.044942	262.827878	3.910567
575.611509	34.322575	3291.704	
1.00000	11.044942	289.596839	3.910567
579.687207	35.613263	3433.561	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.737827	-472.827813	-5.157472
-176.214361	-34.766462	-1983.000	
0.25000	-12.737827	-443.272288	-5.157472
-171.162677	-31.800478	-1986.262	
0.50000	-12.737827	-414.122715	-5.157472
-166.342849	-29.153763	-2000.327	
0.75000	-12.737827	-386.395162	-5.157472
-161.763155	-27.291096	-2014.431	
1.00000	-12.737827	-361.122487	-5.157472
-157.436107	-25.924349	-2028.444	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.093010	197.609618	3.601342
535.804195	34.050424	2933.233	
0.25000	11.093010	215.406801	3.601342
537.838846	33.509733	3165.039	
0.50000	11.093010	235.400019	3.601342
540.075655	33.811240	3382.298	
0.75000	11.093010	256.826602	3.601342
542.510836	35.050744	3589.226	
1.00000	11.093010	278.830222	3.601342
545.141800	37.000293	3772.178	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.607226	-481.525216	-7.215073
-409.344225	-50.378253	-2269.265	
0.25000	-14.607226	-457.230731	-7.215073
-405.960107	-44.951174	-2268.013	
0.50000	-14.607226	-433.269886	-7.215073
-402.725824	-39.897544	-2263.815	
0.75000	-14.607226	-410.417267	-7.215073
-399.650311	-35.556444	-2271.316	
1.00000	-14.607226	-389.704366	-7.215073
-396.738299	-31.726738	-2280.699	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.281492	166.771213	4.230624
690.777649	36.579572	2845.504	
0.25000	11.281492	196.164507	4.230624
671.856176	34.417577	3033.637	
0.50000	11.281492	231.969311	4.230624
657.921874	33.480135	3209.078	
0.75000	11.281492	271.725165	4.230624
643.948222	34.643542	3387.060	
1.00000	11.281492	313.360536	4.230624
629.837383	37.484141	3562.982	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.787199	-490.220662	-6.236203
-725.700293	-35.394421	-1582.355	
0.25000	-11.787199	-452.101047	-6.236203
-710.552532	-30.062451	-1510.325	
0.50000	-11.787199	-415.295849	-6.236203
-699.251146	-24.776784	-1438.295	
0.75000	-11.787199	-380.936406	-6.236203
-687.989549	-19.786766	-1366.265	
1.00000	-11.787199	-353.170755	-6.236203
-676.648814	-16.446601	-1294.235	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1237

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.622252	201.990342	5.864906
731.614992	46.501083	2944.631	
0.25000	15.622252	223.854249	5.864906
719.364224	42.763491	3180.901	
0.50000	15.622252	248.421073	5.864906
707.776279	40.169845	3400.089	
0.75000	15.622252	274.749207	5.864906
696.846621	39.103195	3605.363	
1.00000	15.622252	301.786349	5.864906
686.587845	40.108634	3782.568	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.607226	-485.769067	-7.215073
-775.601146	-50.378253	-2275.986	
0.25000	-14.607226	-458.312741	-7.215073
-766.149580	-44.951174	-2274.079	
0.50000	-14.607226	-433.769155	-7.215073
-757.197502	-39.897544	-2281.103	
0.75000	-14.607226	-411.198253	-7.215073
-748.749056	-35.556444	-2271.316	
1.00000	-14.607226	-390.634514	-7.215073
-740.808759	-31.726738	-2280.699	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.622252	201.990342	5.864906
731.614992	46.501083	2944.631	
0.25000	15.622252	223.854249	5.864906
719.364224	42.763491	3180.901	
0.50000	15.622252	248.421073	5.864906
707.776279	40.169845	3400.089	
0.75000	15.622252	274.749207	5.864906
696.846621	39.103195	3605.363	
1.00000	15.622252	313.360536	5.864906
686.587845	40.108634	3782.568	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.607226	-490.220662	-7.215073
-775.601146	-50.378253	-2275.986	
0.25000	-14.607226	-458.312741	-7.215073
-766.149580	-44.951174	-2274.079	
0.50000	-14.607226	-433.769155	-7.215073
-757.197502	-39.897544	-2281.103	
0.75000	-14.607226	-411.198253	-7.215073
-748.749056	-35.556444	-2271.316	
1.00000	-14.607226	-390.634514	-7.215073
-740.808759	-31.726738	-2280.699	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.622252	201.990342	5.864906
731.614992	46.501083	2944.631	
0.25000	15.622252	223.854249	5.864906
719.364224	42.763491	3180.901	
0.50000	15.622252	248.421073	5.864906
707.776279	40.169845	3400.089	
0.75000	15.622252	274.749207	5.864906
696.846621	39.103195	3605.363	
1.00000	15.622252	313.360536	5.864906
686.587845	40.108634	3782.568	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.607226	-490.220662	-7.215073
-775.601146	-50.378253	-2275.986	
0.25000	-14.607226	-458.312741	-7.215073
-766.149580	-44.951174	-2274.079	
0.50000	-14.607226	-433.769155	-7.215073
-757.197502	-39.897544	-2281.103	
0.75000	-14.607226	-411.198253	-7.215073
-748.749056	-35.556444	-2271.316	
1.00000	-14.607226	-390.634514	-7.215073
-740.808759	-31.726738	-2280.699	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 93 ========== LENGTH = 4.958477

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.592510	28.620855	1.539922
74.569187	7.725013	1051.608	
0.25000	4.592510	29.143975	1.539922
75.809872	6.973122	1075.734	
0.50000	4.592510	29.734490	1.539922
77.054647	6.469475	1109.852	
0.75000	4.592510	30.374984	1.539922
78.311124	6.124160	1153.212	
1.00000	4.592510	31.047282	1.539922
80.016503	5.905758	1203.028	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.898394	-69.928745	-1.410801
-291.993933	-6.557120	-489.962555	
0.25000	-3.898394	-69.252872	-1.410801
-290.285768	-5.649007	-461.884750	
0.50000	-3.898394	-68.603433	-1.410801
-289.023940	-5.332333	-433.806951	
0.75000	-3.898394	-67.999707	-1.410801
-287.771743	-5.602431	-405.729157	
1.00000	-3.898394	-67.460050	-1.410801
-286.520569	-6.330370	-377.651366	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.955367	89.412428	1.897119
184.007245	19.445374	2185.566	
0.25000	6.955367	94.656136	1.897119
195.208800	18.773264	2218.572	
0.50000	6.955367	100.575443	1.897119
206.448392	18.896058	2270.564	
0.75000	6.955367	106.995482	1.897119
217.794466	19.163970	2351.318	
1.00000	6.955367	113.731994	1.897119
233.192509	20.035212	2450.872	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.689410	-188.951687	-2.899798
-561.936255	-10.638428	-875.084817	
0.25000	-7.689410	-182.179353	-2.899798
-546.511856	-9.952970	-825.628162	
0.50000	-7.689410	-175.669592	-2.899798
-535.114692	-8.154262	-776.571702	
0.75000	-7.689410	-169.617778	-2.899798
-523.802273	-8.184852	-727.315376	
1.00000	-7.689410	-164.208210	-2.899798
-512.507972	-8.708947	-678.060996	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.872858	180.073675	3.361800
126.284826	36.652698	3255.323	
0.25000	10.872858	210.475051	3.361800
124.395034	35.326043	3382.576	
0.50000	10.872858	244.797982	3.361800
124.395034	35.144930	3479.467	
0.75000	10.872858	282.010052	3.361800
124.394921	36.126280	3553.376	
1.00000	10.872858	320.933327	3.361800
124.394921	38.036616	3603.289	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.228532	-424.976396	-4.499160
-401.106994	-12.511112	-1175.509	
0.25000	-11.228532	-385.846654	-4.499160
-402.892707	-11.222190	-1110.171	
0.50000	-11.228532	-348.111082	-4.499160
-404.622336	-10.509833	-1044.833	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1239

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-11.228532	-313.015384	-4.499160
-406.319293	-10.343579	-979.495644	
1.00000	-11.228532	-281.647770	-4.499160
-408.717445	-10.700506	-914.159331	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.896879	183.106246	3.586449
288.455484	37.479097	3553.629	
0.25000	10.896879	208.107814	3.586449
288.455484	35.841604	3658.569	
0.50000	10.896879	236.332518	3.586449
288.455484	35.391241	3753.668	
0.75000	10.896879	266.933572	3.586449
288.455484	36.197326	3849.055	
1.00000	10.896879	298.942249	3.586449
288.455484	37.853376	3939.656	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.543705	-413.974399	-4.270619
-410.092678	-13.798439	-1294.221	
0.25000	-10.543705	-381.795937	-4.270619
-410.144145	-12.410275	-1222.297	
0.50000	-10.543705	-350.764426	-4.270619
-410.631593	-11.506025	-1150.377	
0.75000	-10.543705	-321.304239	-4.270619
-411.123862	-11.063393	-1078.460	
1.00000	-10.543705	-296.108184	-4.270619
-411.626198	-11.136666	-1006.544	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.142503	98.560104	1.039606
116.151008	18.619133	1431.108	
0.25000	4.142503	115.168631	1.039606
137.054078	18.569043	1482.570	
0.50000	4.142503	133.917389	1.039606
158.039673	19.077318	1517.526	
0.75000	4.142503	154.249149	1.039606
179.234800	20.205265	1544.540	
1.00000	4.142503	175.555887	1.039606
207.977668	21.829006	1559.763	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.382851	-216.421854	-2.230513
-287.275441	-6.528238	-447.628129	
0.25000	-5.382851	-195.001928	-2.230513
-258.463348	-5.238934	-423.230924	
0.50000	-5.382851	-174.385273	-2.230513
-237.143609	-4.049760	-398.833725	
0.75000	-5.382851	-155.215845	-2.230513
-215.992416	-3.562689	-374.436531	
1.00000	-5.382851	-138.080977	-2.230513
-194.886658	-3.622384	-350.040966	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.669635	192.926972	2.964713
148.770939	38.284054	2782.508	
0.25000	8.669635	226.122765	2.964713
148.770939	37.155140	2887.064	
0.50000	8.669635	263.597406	2.964713
148.770939	37.259274	2956.539	
0.75000	8.669635	304.227370	2.964713
148.770939	38.729237	3006.717	
1.00000	8.669635	346.726432	2.964713
148.770939	41.285642	3031.549	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.373582	-425.775204	-3.951288
-156.578747	-10.105598	-863.867900	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1240

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-9.373582	-383.050714	-3.951288
-156.578747	-8.737153	-816.881156	
0.50000	-9.373582	-341.849234	-3.951288
-156.578747	-7.408575	-769.699483	
0.75000	-9.373582	-303.530946	-3.951288
-156.578747	-6.706400	-722.921292	
1.00000	-9.373582	-269.280217	-3.951288
-156.578747	-6.646229	-675.944617	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.049524	195.061897	3.053035
186.486212	38.912231	3389.391	
0.25000	10.049524	225.272815	3.053035
186.486212	37.663955	3501.795	
0.50000	10.049524	259.375930	3.053035
186.486212	37.552220	3590.842	
0.75000	10.049524	296.351023	3.053035
186.486212	38.693659	3668.854	
1.00000	10.049524	335.027516	3.053035
186.486212	40.892703	3732.698	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.022744	-440.984457	-4.340000
-368.557574	-11.871492	-1166.542	
0.25000	-10.022744	-402.102817	-4.340000
-368.041220	-10.854894	-1102.236	
0.50000	-10.022744	-364.607661	-4.340000
-367.494187	-10.084805	-1037.935	
0.75000	-10.022744	-329.736853	-4.340000
-367.013604	-9.765915	-973.636649	
1.00000	-10.022744	-298.565926	-4.340000
-366.615119	-9.972872	-909.339626	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.449408	180.382330	2.884921
331.232733	35.240336	3562.921	
0.25000	9.449408	205.843490	2.884921
331.232733	33.960109	3671.981	
0.50000	9.449408	234.586525	2.884921
331.232733	33.649612	3768.722	
0.75000	9.449408	265.749982	2.884921
331.232733	34.392293	3861.107	
1.00000	9.449408	298.346456	2.884921
331.232733	36.093486	3948.806	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.562081	-415.691313	-3.943600
-346.461887	-13.827178	-1290.164	
0.25000	-9.562081	-382.921645	-3.943600
-346.461887	-12.528457	-1218.546	
0.50000	-9.562081	-351.322126	-3.943600
-346.461887	-11.433338	-1146.931	
0.75000	-9.562081	-321.930013	-3.943600
-346.461887	-10.715376	-1075.319	
1.00000	-9.562081	-295.659717	-3.943600
-346.461887	-10.462872	-1003.707	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.023465	28.806095	1.347214
283.093485	6.255849	1087.955	
0.25000	3.023465	29.427885	1.347214
281.027525	5.706173	1112.650	
0.50000	3.023465	30.133025	1.347214
279.508878	5.336231	1147.356	
0.75000	3.023465	30.897229	1.347214
277.997726	5.128672	1191.532	
1.00000	3.023465	31.693795	1.347214
276.485392	5.043303	1243.253	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1241

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.129841	-73.237433	-0.995438
-67.325027	-6.609975	-488.452507	
0.25000	-3.129841	-72.436654	-0.995438
-68.829414	-5.766181	-460.409188	
0.50000	-3.129841	-71.661623	-0.995438
-70.336150	-5.524510	-432.365876	
0.75000	-3.129841	-70.940509	-0.995438
-71.855091	-5.832587	-404.322568	
1.00000	-3.129841	-70.298837	-0.995438
-73.920594	-6.538544	-376.279369	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.077298	92.446120	2.685632
544.483769	20.036803	2216.098	
0.25000	6.077298	99.099937	2.685632
525.357547	18.562400	2254.585	
0.50000	6.077298	106.641052	2.685632
511.298541	17.776174	2308.909	
0.75000	6.077298	114.814268	2.685632
497.313902	17.678718	2387.028	
1.00000	6.077298	123.337635	2.685632
483.306544	18.120769	2482.077	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.671998	-200.048142	-1.930776
-179.090794	-10.240083	-859.767456	
0.25000	-5.671998	-191.479674	-1.930776
-193.024020	-9.111554	-811.423223	
0.50000	-5.671998	-183.190775	-1.930776
-206.975007	-7.986912	-763.085164	
0.75000	-5.671998	-175.478972	-1.930776
-221.038760	-6.935460	-714.751346	
1.00000	-5.671998	-168.612570	-1.930776
-240.165720	-7.642008	-666.418016	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.820223	180.495791	3.649554
372.039031	35.987814	3261.280	
0.25000	9.820223	211.167123	3.649554
372.039145	34.370296	3388.949	
0.50000	9.820223	245.788651	3.649554
372.039031	33.911742	3486.019	
0.75000	9.820223	283.326182	3.649554
372.039145	34.669515	3558.994	
1.00000	9.820223	322.591298	3.649554
372.377358	36.416080	3608.487	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.609771	-427.518232	-3.721872
-131.685724	-13.183727	-1157.601	
0.25000	-9.609771	-388.044851	-3.721872
-130.376751	-11.828839	-1093.268	
0.50000	-9.609771	-349.979375	-3.721872
-129.243118	-10.490645	-1028.940	
0.75000	-9.609771	-314.578522	-3.721872
-128.180577	-9.211892	-964.614446	
1.00000	-9.609771	-282.932587	-3.721872
-127.201390	-9.631446	-900.289082	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.662389	181.677223	3.293065
382.855571	35.836050	3553.251	
0.25000	9.662389	206.795835	3.293065
382.855571	34.556248	3659.540	
0.50000	9.662389	235.150187	3.293065
382.855571	34.359523	3755.187	
0.75000	9.662389	265.892024	3.293065
382.855571	35.397422	3850.018	
1.00000	9.662389	298.048143	3.293065
382.855571	37.331191	3939.983	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1242

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.680381	-414.285971	-4.202572
-298.176951	-16.132023	-1288.499	
0.25000	-10.680381	-381.959287	-4.202572
-298.176951	-13.784075	-1216.827	
0.50000	-10.680381	-350.785030	-4.202572
-298.176951	-11.610501	-1145.159	
0.75000	-10.680381	-321.792360	-4.202572
-298.176951	-10.553098	-1073.494	
1.00000	-10.680381	-295.877055	-4.202572
-298.176952	-11.099361	-1001.830	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.727864	52.198664	2.457952
117.645554	9.611001	1246.567	
0.25000	9.727864	52.593131	2.457952
118.641206	8.490000	1283.508	
0.50000	9.727864	53.035366	2.457952
119.716253	7.926231	1322.174	
0.75000	9.727864	53.507304	2.457952
120.869602	7.792878	1362.476	
1.00000	9.727864	53.989311	2.457952
122.101135	7.974109	1404.987	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.240552	-91.070981	-1.219526
-333.417511	-11.962811	-863.820061	
0.25000	-4.240552	-90.563031	-1.219526
-332.119940	-12.116825	-868.342988	
0.50000	-4.240552	-90.062464	-1.219526
-330.900873	-12.859605	-872.885263	
0.75000	-4.240552	-89.588682	-1.219526
-329.767770	-14.192335	-877.401058	
1.00000	-4.240552	-89.159763	-1.219526
-328.703395	-16.855845	-881.931962	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.704845	128.795495	2.874617
242.590273	21.074389	2412.887	
0.25000	11.704845	132.129116	2.874617
249.812545	20.867318	2466.053	
0.50000	11.704845	135.866145	2.874617
257.611056	21.322671	2527.571	
0.75000	11.704845	139.854740	2.874617
265.977227	22.399306	2603.335	
1.00000	11.704845	143.928114	2.874617
274.910037	24.155255	2685.653	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.383893	-208.821209	-3.307158
-588.028885	-22.322955	-1540.503	
0.25000	-10.383893	-204.528405	-3.307158
-578.607449	-21.253664	-1550.289	
0.50000	-10.383893	-200.268257	-3.307158
-569.756553	-20.949579	-1560.056	
0.75000	-10.383893	-196.293207	-3.307158
-561.485787	-21.654109	-1569.838	
1.00000	-10.383893	-192.669689	-3.307158
-553.795926	-23.284460	-1579.607	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.062141	219.224180	4.209272
213.433266	38.634481	3482.879	
0.25000	15.062141	241.702605	4.209272
208.709226	37.080939	3616.010	
0.50000	15.062141	266.904753	4.209272
204.294170	38.038877	3719.917	
0.75000	15.062141	293.804658	4.209272
200.182159	39.190542	3796.671	
1.00000	15.062141	321.282399	4.209272
196.369718	41.245476	3842.172	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1243

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.461795	-409.398486	-4.526143
-458.710602	-27.154047	-2089.369	
0.25000	-13.461795	-380.442367	-4.526143
-462.663642	-26.277232	-2104.209	
0.50000	-13.461795	-351.904097	-4.526143
-466.919466	-26.197512	-2119.085	
0.75000	-13.461795	-324.902033	-4.526143
-471.486525	-26.862065	-2133.949	
1.00000	-13.461795	-300.474277	-4.526143
-476.372442	-28.246859	-2148.875	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.174711	229.077056	4.602956
359.962287	42.073751	3778.977	
0.25000	15.174711	247.581338	4.602956
356.770266	40.553376	3899.555	
0.50000	15.174711	268.326684	4.602956
353.789850	39.932871	4004.554	
0.75000	15.174711	290.486559	4.602956
351.017012	40.438740	4099.296	
1.00000	15.174711	313.088095	4.602956
348.448642	41.860386	4173.619	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.506283	-408.559590	-4.289907
-469.421181	-28.769231	-2274.592	
0.25000	-12.506283	-384.724147	-4.289907
-472.135760	-27.912998	-2290.883	
0.50000	-12.506283	-361.232574	-4.289907
-475.058188	-27.749246	-2307.186	
0.75000	-12.506283	-339.006534	-4.289907
-478.195966	-28.280644	-2323.497	
1.00000	-12.506283	-318.896629	-4.289907
-481.552947	-29.538047	-2339.834	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.013392	106.534149	0.988950
118.733928	18.175607	1411.618	
0.25000	4.013392	119.102138	0.988950
136.936345	18.436262	1465.420	
0.50000	4.013392	133.199841	0.988950
156.728332	19.437243	1503.678	
0.75000	4.013392	148.245955	0.988950
177.885286	20.717573	1529.827	
1.00000	4.013392	163.611223	0.988950
200.472942	22.551130	1539.206	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.244274	-195.437536	-2.708384
-273.783724	-12.929017	-778.746386	
0.25000	-8.244274	-179.242372	-2.708384
-249.882955	-11.450748	-785.167533	
0.50000	-8.244274	-163.280214	-2.708384
-227.429712	-10.077337	-791.551325	
0.75000	-8.244274	-148.177177	-2.708384
-206.442027	-9.067788	-797.935684	
1.00000	-8.244274	-134.509301	-2.708384
-186.922674	-8.583264	-804.337009	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.307715	209.564503	3.105249
151.960152	39.530819	2773.806	
0.25000	9.307715	234.707525	3.105249
151.960152	38.787378	2881.018	
0.50000	9.307715	262.888066	3.105249
151.960152	38.752722	2956.550	
0.75000	9.307715	292.970157	3.105249
151.960152	39.680326	3008.387	
1.00000	9.307715	323.695353	3.105249
151.960152	41.519836	3023.006	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1244

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.396475	-385.741499	-4.022370
-158.358272	-20.006822	-1519.130	
0.25000	-11.396475	-353.362313	-4.022370
-158.358272	-19.771112	-1531.895	
0.50000	-11.396475	-321.451232	-4.022370
-158.358272	-17.667846	-1544.714	
0.75000	-11.396475	-291.258072	-4.022370
-158.358272	-16.947794	-1557.490	
1.00000	-11.396475	-263.932030	-4.022370
-158.358272	-16.819885	-1570.355	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.036354	231.327027	3.539848
228.191766	41.202345	3523.351	
0.25000	12.036354	254.294221	3.539848
228.249686	40.679638	3646.878	
0.50000	12.036354	280.036266	3.539848
228.344909	40.943592	3745.435	
0.75000	12.036354	307.514375	3.539848
228.477179	42.144680	3824.035	
1.00000	12.036354	335.579044	3.539848
228.741025	44.190329	3872.709	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.508105	-420.765890	-4.452102
-394.439891	-26.041252	-2055.821	
0.25000	-12.508105	-391.191114	-4.452102
-393.488475	-24.968811	-2069.481	
0.50000	-12.508105	-362.040876	-4.452102
-392.573935	-24.594996	-2085.196	
0.75000	-12.508105	-334.461273	-4.452102
-391.701339	-24.556236	-2100.875	
1.00000	-12.508105	-309.500283	-4.452102
-390.875051	-25.030507	-2116.607	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.214530	227.496185	3.510015
383.665137	39.644837	3782.494	
0.25000	11.214530	246.916213	3.510015
383.665137	38.750681	3907.915	
0.50000	11.214530	268.682367	3.510015
383.665137	38.558652	4015.538	
0.75000	11.214530	291.917245	3.510015
383.665137	39.149187	4108.816	
1.00000	11.214530	315.648845	3.510015
383.665137	40.432405	4177.767	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.047178	-411.139588	-4.140069
-393.772970	-28.959284	-2266.025	
0.25000	-12.047178	-386.130475	-4.140069
-393.772970	-27.670131	-2282.382	
0.50000	-12.047178	-361.482917	-4.140069
-393.772970	-26.967134	-2298.791	
0.75000	-12.047178	-338.162251	-4.140069
-393.772970	-26.540419	-2315.194	
1.00000	-12.047178	-317.056098	-4.140069
-393.772970	-26.544329	-2331.619	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.952873	52.526573	1.369553
321.176558	8.457290	1269.888	
0.25000	2.952873	53.013872	1.369553
319.557330	7.756797	1306.975	
0.50000	2.952873	53.561729	1.369553
318.039703	7.277581	1346.563	
0.75000	2.952873	54.147166	1.369553

316.619760 7.006010 1388.143
1.00000 2.952873 54.745795 1.369553
315.300872 6.920680 1431.872
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.895756 -93.489256 -1.497249
-107.719435 -14.852162 -854.888755
0.25000 -4.895756 -92.859308 -1.497249
-108.975216 -13.709940 -858.923845
0.50000 -4.895756 -92.238092 -1.497249
-110.331394 -12.869404 -862.993845
0.75000 -4.895756 -91.650488 -1.497249
-111.784036 -12.531713 -867.098435
1.00000 -4.895756 -91.121188 -1.497249
-113.337099 -12.602236 -871.423492

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.653257 130.056450 3.218148
561.583354 25.214973 2416.490
0.25000 7.653257 134.471497 3.218148
549.348059 23.275338 2472.498
0.50000 7.653257 139.431317 3.218148
537.878789 21.799231 2535.180
0.75000 7.653257 144.751411 3.218148
527.152907 20.989290 2609.964
1.00000 7.653257 150.150312 3.218148
517.187138 20.827079 2688.550

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.276494 -215.223042 -2.434732
-226.803162 -20.938661 -1508.338
0.25000 -7.276494 -209.520640 -2.434732
-236.302297 -19.895173 -1515.466
0.50000 -7.276494 -203.896890 -2.434732
-246.549335 -19.009213 -1522.570
0.75000 -7.276494 -198.577325 -2.434732
-257.546896 -18.927796 -1530.284
1.00000 -7.276494 -193.782986 -2.434732
-269.295898 -19.492249 -1539.980

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.475266 216.488151 3.874454
423.870609 39.782451 3431.675
0.25000 10.475266 239.234194 3.874454
427.417920 38.167457 3564.252
0.50000 10.475266 264.719581 3.874454
431.249644 37.304382 3667.277
0.75000 10.475266 291.924654 3.874454
435.363531 37.390068 3742.762
1.00000 10.475266 319.711362 3.874454
439.743582 38.266874 3785.907

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.156242 -406.843542 -4.097155
-207.504099 -27.457616 -2027.941
0.25000 -12.156242 -377.560352 -4.097155
-202.514577 -25.998294 -2042.334
0.50000 -12.156242 -348.700746 -4.097155
-197.809588 -24.741565 -2056.790
0.75000 -12.156242 -321.395043 -4.097155
-193.394739 -24.111251 -2071.204
1.00000 -12.156242 -296.674632 -4.097155
-189.270121 -24.130507 -2085.715

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.572672 227.759927 3.621446
446.178163 40.270963 3771.395 3.621446
0.25000 10.572672 246.455816 3.621446
448.501855 39.366587 3893.145
0.50000 10.572672 267.405520 3.621446
451.012103 39.181053 3998.905
0.75000 10.572672 289.768115 3.621446
453.705011 39.421770 4083.610
1.00000 10.572672 312.608115 3.621446
456.574947 41.712075 4166.964
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.111348 -408.544798 -4.807435
-373.902873 -32.534301 -2280.460
0.25000 -14.111348 -384.474681 -4.807435
-370.570192 -30.364451 -2289.916
0.50000 -14.111348 -360.755155 -4.807435
-367.423552 -28.422629 -2299.418
0.75000 -14.111348 -338.306070 -4.807435
-364.467857 -27.562706 -2308.889
1.00000 -14.111348 -317.987798 -4.807435
-361.704879 -27.551477 -2324.817

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.896879 195.061897 3.649554
544.483769 38.912231 3562.921
0.25000 10.896879 226.122765 3.649554
525.357547 37.663955 3671.981
0.50000 10.896879 263.597406 3.649554
511.298541 37.552220 3768.722
0.75000 10.896879 304.227370 3.649554
497.313902 38.729237 3861.107
1.00000 10.896879 346.726432 3.649554
483.306544 41.285642 3948.806

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.228532 -440.984457 -4.499160
-561.936255 -16.132023 -1294.221
0.25000 -11.228532 -402.102817 -4.499160
-546.511856 -13.784075 -1222.297
0.50000 -11.228532 -364.607661 -4.499160
-535.114692 -11.610501 -1150.377
0.75000 -11.228532 -329.736853 -4.499160
-523.802273 -11.063393 -1078.460
1.00000 -11.228532 -298.565920 -4.499160
-512.507972 -11.136666 -1006.544

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.174711 231.327027 4.602956
561.583354 42.073751 3782.494
0.25000 15.174711 254.294221 4.602956
549.348059 40.679638 3907.915
0.50000 15.174711 280.036266 4.602956
537.878789 40.943592 4015.538
0.75000 15.174711 307.514375 4.602956
527.152907 42.144680 4108.816
1.00000 15.174711 335.579044 4.602956
517.187138 44.190329 4177.767

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.111348 -420.765880 -4.807435
-588.028885 -32.534301 -2280.460
0.25000 -14.111348 -391.191114 -4.807435
-578.607449 -30.364451 -2290.883
0.50000 -14.111348 -362.040876 -4.807435
-569.756553 -28.422629 -2307.186
0.75000 -14.111348 -339.006534 -4.807435
-561.485787 -28.280644 -2323.497
1.00000 -14.111348 -318.896629 -4.807435
-553.795926 -29.538047 -2339.834

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.174711 231.327027 4.602956
561.583354 42.073751 3782.494
0.25000 15.174711 254.294221 4.602956
549.348059 40.679638 3907.915
0.50000 15.174711 280.036266 4.602956
537.878789 40.943592 4015.538
0.75000 15.174711 307.514375 4.602956
527.152907 42.144680 4108.816
1.00000 15.174711 335.579044 4.602956
517.187138 44.190329 4177.767

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.111348 -440.984457 -4.807435
-588.028885 -32.534301 -2280.460
0.25000 -14.111348 -402.102817 -4.807435
-578.607449 -30.364451 -2290.883
0.50000 -14.111348 -364.607661 -4.807435
-569.756553 -28.422629 -2307.186
0.75000 -14.111348 -339.006534 -4.807435
-561.485787 -28.280644 -2323.497
1.00000 -14.111348 -318.896629 -4.807435
-553.795926 -29.538047 -2339.834

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.174711 231.327027 4.602956
561.583354 42.073751 3782.494
0.25000 15.174711 254.294221 4.602956
549.348059 40.679638 3907.915
0.50000 15.174711 280.036266 4.602956
537.878789 40.943592 4015.538
0.75000 15.174711 307.514375 4.602956
527.152907 42.144680 4108.816
1.00000 15.174711 346.726432 4.602956
517.187138 44.190329 4177.767

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.111348 -440.984457 -4.807435
-588.028885 -32.534301 -2280.460
0.25000 -14.111348 -402.102817 -4.807435
-578.607449 -30.364451 -2290.883
0.50000 -14.111348 -364.607661 -4.807435
-569.756553 -28.422629 -2307.186
0.75000 -14.111348 -339.006534 -4.807435
-561.485787 -28.280644 -2323.497
1.00000 -14.111348 -318.896629 -4.807435
-553.795926 -29.538047 -2339.834

ELEM 94 ========== LENGTH = 4.957718

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.618687 43.621380 1.114008
160.155632 5.673862 1203.465
0.25000 4.618687 44.157085 1.114008
161.404830 5.187587 1193.256
0.50000 4.618687 44.759552 1.114008
162.655508 4.924238 1190.303
0.75000 4.618687 45.410779 1.114008
163.911733 5.632506 1197.541
1.00000 4.618687 46.091814 1.114008
165.622010 7.080171 1212.862

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.693055 -48.642699 -1.949381
-168.892487 -7.914087 -377.540909
0.25000 -3.693055 -47.961527 -1.949381
-167.186290 -6.556685 -349.916216
0.50000 -3.693055 -47.309769 -1.949381
-165.926378 -6.165417 -377.510055
0.75000 -3.693055 -46.706949 -1.949381
-164.675332 -6.461004 -411.075506
1.00000 -3.693055 -46.169713 -1.949381
-163.425917 -6.757386 -444.640959

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.842318 121.263103 1.886945
330.070082 19.491395 2451.569
0.25000 6.842318 126.633163 1.886945
341.350586 18.605050 2423.541
0.50000 6.842318 132.672468 1.886945
352.645582 18.240121 2471.713
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 6.842318 139.200266 1.886945
364.028106 19.487917 2431.654
1.00000 6.842318 146.024498 1.886945
379.435963 21.858675 2468.368

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.459757 -150.916417 -3.120922
-384.246184 -9.185740 -677.911936
0.25000 -7.459757 -144.090740 -3.120922
-368.839177 -9.714655 -628.725244
0.50000 -7.459757 -137.557658 -3.120922
-357.457327 -10.251401 -678.792396
0.75000 -7.459757 -131.510330 -3.120922
-346.161347 -10.789307 -738.753355
1.00000 -7.459757 -126.129483 -3.120922
-334.878793 -11.329033 -798.714370

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.485346 223.567322 3.450116
251.480740 37.943557 3603.787
0.25000 10.485346 254.711774 3.450116
249.178182 36.276354 3650.002
0.50000 10.485346 289.740963 3.450116
247.611478 35.665403 3662.058
0.75000 10.485346 327.587160 3.450116
246.007279 37.170050 3660.114
1.00000 10.485346 367.026111 3.450116
244.644856 40.285438 3625.653

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.692286 -373.878585 -4.611663
-248.688106 -11.457862 -914.034621
0.25000 -10.692286 -334.427265 -4.611663
-250.359879 -12.143137 -848.092046
0.50000 -10.692286 -296.552683 -4.611663
-251.962326 -12.832195 -915.715736
0.75000 -10.692286 -261.479029 -4.611663
-253.520038 -13.522074 -996.260066
1.00000 -10.692286 -230.273982 -4.611663
-255.816875 -14.213684 -1076.804

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.594548 232.065912 3.441122
334.015765 38.789855 3939.860
0.25000 10.594548 257.678445 3.441122
334.015765 37.007575 3956.635
0.50000 10.594548 286.483809 3.441122
334.015765 36.269369 3957.447
0.75000 10.594548 317.606215 3.441122
334.015765 37.452821 3968.116
1.00000 10.594548 350.038847 3.441122
334.015765 40.131837 3964.272

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.018922 -357.567444 -4.369361
-335.648817 -12.559758 -1006.496
0.25000 -10.018922 -325.119956 -4.369361
-335.648817 -12.858129 -933.904979
0.50000 -10.018922 -293.974200 -4.369361
-335.648817 -13.539004 -1007.489
0.75000 -10.018922 -265.132248 -4.369361
-335.648817 -14.255482 -1086.124
1.00000 -10.018922 -239.469923 -4.369361
-335.912920 -14.974270 -1184.761

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.871423 115.790446 1.601810
154.482937 21.573794 1560.044
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 3.871423 132.801473 1.601810
175.560743 20.856610 1581.572
0.50000 3.871423 151.932596 1.601810
196.682573 20.732209 1585.150
0.75000 3.871423 172.607702 1.601810
217.973565 21.352643 1585.284
1.00000 3.871423 194.193815 1.601810
246.760879 22.502665 1568.304

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.208323 -196.964721 -1.924251
-247.956763 -3.946512 -350.017375
0.25000 -5.208323 -175.373148 -1.924251
-219.173101 -4.214141 -324.988938
0.50000 -5.208323 -154.681805 -1.924251
-197.885065 -4.485286 -351.208958
0.75000 -5.208323 -135.525720 -1.924251
-176.761922 -4.756885 -381.891035
1.00000 -5.208323 -118.480974 -1.924251
-155.679310 -5.028784 -412.573115

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.222136 226.157501 3.385193
149.795244 41.784581 3031.535
0.25000 8.222136 260.164460 3.385193
149.795244 40.110146 3078.101
0.50000 8.222136 298.410011 3.385193
149.795244 39.618579 3086.815
0.75000 8.222136 339.732150 3.385193
149.795244 40.527580 3085.215
1.00000 8.222136 382.794072 3.385193
149.795244 42.604476 3047.390

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.937613 -388.145558 -3.627443
-149.334128 -7.454964 -675.950147
0.25000 -8.937613 -345.070158 -3.627443
-149.334128 -7.824871 -627.661282
0.50000 -8.937613 -303.717014 -3.627443
-149.334128 -8.295683 -677.794812
0.75000 -8.937613 -265.422875 -3.627443
-149.334128 -8.767579 -736.978213
1.00000 -8.937613 -231.349819 -3.627443
-149.334128 -9.239500 -796.163082

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.671586 240.846817 3.344581
268.451749 41.257616 3732.997
0.25000 9.671586 271.795841 3.344581
268.862737 39.612089 3766.193
0.50000 9.671586 306.600381 3.344581
269.343186 39.051271 3771.602
0.75000 9.671586 344.205266 3.344581
269.881720 40.315502 3776.338
1.00000 9.671586 383.393877 3.344581
270.430078 43.013944 3754.753

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.529775 -390.309352 -4.032738
-273.342558 -10.896454 -909.269462
0.25000 -9.529775 -351.108491 -4.032738
-272.799796 -11.470405 -843.920646
0.50000 -9.529775 -313.475385 -4.032738
-272.270012 -12.135921 -911.206188
0.75000 -9.529775 -278.626602 -4.032738
-271.791089 -12.801395 -991.120635
1.00000 -9.529775 -247.617466 -4.032738
-271.375276 -13.470489 -1071.039
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.048916 231.749859 3.205912
330.848992 37.318447 3948.783
0.25000 9.048916 257.833183 3.205912
330.848992 35.534853 3969.488
0.50000 9.048916 287.167506 3.205912
330.848992 34.671456 3971.951
0.75000 9.048916 318.861571 3.205912
330.848992 35.625040 3981.022
1.00000 9.048916 351.890049 3.205912
330.848992 37.888384 3973.073

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.073924 -359.391803 -3.656569
-330.965162 -12.284379 -1003.725
0.25000 -9.073924 -326.352987 -3.656569
-330.965162 -12.338012 -931.383829
0.50000 -9.073924 -294.635142 -3.656569
-330.965162 -12.955275 -1004.295
0.75000 -9.073924 -265.263552 -3.656569
-330.965162 -13.666320 -1092.631
1.00000 -9.073924 -239.129531 -3.656569
-330.965162 -14.378233 -1180.969

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.824271 45.815684 1.508551
168.416392 6.357950 1242.798
0.25000 2.824271 46.452598 1.508551
166.353700 5.370573 1231.722
0.50000 2.824271 47.172778 1.508551
164.836005 4.652625 1228.711
0.75000 2.824271 47.950215 1.508551
163.327483 4.703481 1236.301
1.00000 2.824271 48.757529 1.508551
161.817645 5.015930 1252.206

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.935890 -51.378933 -0.936984
-159.350237 -5.002293 -376.414065
0.25000 -2.935890 -50.570575 -0.936984
-160.859876 -4.311925 -348.898430
0.50000 -2.935890 -49.792607 -0.936984
-162.368558 -4.340733 -374.276222
0.75000 -2.935890 -49.071856 -0.936984
-163.885608 -4.895170 -407.662315
1.00000 -2.935890 -48.433328 -0.936984
-165.948077 -5.923370 -441.048410

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.814361 125.626469 2.661691
386.068742 20.291750 2481.355
0.25000 5.814361 132.445014 2.661691
366.970512 18.561702 2458.171
0.50000 5.814361 140.143428 2.661691
352.925786 17.464841 2448.474
0.75000 5.814361 148.457855 2.661691
338.957342 17.677884 2466.087
1.00000 5.814361 157.095940 2.661691
324.980268 18.555594 2497.812

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.322387 -161.966283 -1.926922
-321.623855 -8.316681 -666.594282
0.25000 -5.322387 -153.324650 -1.926922
-335.601559 -7.550230 -618.311916
0.50000 -5.322387 -145.004556 -1.926922
-349.566812 -7.740616 -664.652754
0.75000 -5.322387 -137.296690 -1.926922
-363.611152 -8.162527 -723.448674
1.00000 -5.322387 -130.464176 -1.926922
-382.704782 -8.586612 -782.246383
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.281728 225.053962 4.019794
241.968221 38.395887 3607.976
0.25000 9.281728 256.474566 4.019794
242.959142 36.086925 3654.370
0.50000 9.281728 291.808093 4.019794
244.020742 34.910742 3666.833
0.75000 9.281728 329.984914 4.019794
245.145685 35.420233 3659.139
1.00000 9.281728 369.769861 4.019794
246.485450 37.384930 3629.518

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.021288 -376.576584 -3.539087
-244.057238 -10.700610 -900.440420
0.25000 -9.021288 -336.779213 -3.539087
-242.722530 -10.249420 -835.533918
0.50000 -9.021288 -298.573736 -3.539087
-241.607019 -9.184198 -786.480830
0.75000 -9.021288 -263.185277 -3.539087
-240.546910 -11.249411 -978.941862
1.00000 -9.021288 -231.713674 -3.539087
-239.551030 -11.855190 -1058.166

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.184198 231.812355 3.753779
331.239173 38.511186 3939.765
0.25000 9.184198 257.543206 3.753779
331.239173 36.539867 3957.159
0.50000 9.184198 286.480830 3.753779
331.239173 35.707259 3958.639
0.75000 9.184198 317.746370 3.753779
331.239173 36.613257 3968.613
1.00000 9.184198 350.328348 3.753779
331.239173 38.724996 3964.059

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.219208 -357.825414 -3.581342
-330.097409 -12.177325 -1001.907
0.25000 -10.219208 -325.233240 -3.581342
-330.097409 -12.006821 -929.645084
0.50000 -10.219208 -293.944241 -3.581342
-330.097409 -12.541963 -1001.831
0.75000 -10.219208 -264.969849 -3.581342
-330.097409 -13.250590 -1090.039
1.00000 -10.219208 -239.188993 -3.581342
-330.097409 -13.960601 -1178.247

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.647284 71.043135 1.541962
209.290051 6.739651 1405.622
0.25000 9.647284 71.456641 1.541962
210.316918 6.611808 1397.950
0.50000 9.647284 71.915428 1.541962
211.422434 6.757673 1391.707
0.75000 9.647284 72.403501 1.541962
212.607147 7.529694 1387.137
1.00000 9.647284 72.900733 1.541962
213.870347 8.767327 1383.734

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.029056 -65.740164 -1.712018
-202.692868 -16.093377 -882.196285
0.25000 -4.029056 -65.241478 -1.712018
-201.428801 -15.579731 -887.727496

```
 0.50000    -4.029056   -64.751326    -1.712018
-200.244507   -15.480653  -893.268552
 0.75000    -4.029056   -64.289917    -1.712018
-199.136686   -16.244503  -898.798345
 1.00000    -4.029056   -63.874378    -1.712018
-198.108811   -17.469602  -904.362172
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1252

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.477402  162.569062    2.567628
385.804958   22.151803   2686.510
 0.25000   11.477402  166.058560    2.567628
393.257407   22.019932   2662.845
 0.50000   11.477402  169.941022    2.567628
401.280342   22.328979   2646.248
 0.75000   11.477402  174.065595    2.567628
409.878949   23.560620   2643.581
 1.00000   11.477402  178.268027    2.567628
419.046707   25.428545   2647.947

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.115553 -165.583576   -2.785637
-403.521108   -21.964236   -1579.987
 0.25000  -10.115553 -161.369434   -2.785637
-394.346879   -21.790853   -1568.924
 0.50000  -10.115553 -157.226959   -2.785637
-385.751612   -22.966620   -1599.822
 0.75000  -10.115553 -153.327756   -2.785637
-377.711102   -24.168529   -1609.753
 1.00000  -10.115553 -149.816118   -2.785637
-370.250992   -25.564868   -1619.665

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.576596  262.552013    3.924810
334.602854   39.892749   3842.875
 0.25000   14.576596  286.078624    3.924810
329.832791   39.149982   3874.749
 0.50000   14.576596  312.267038    3.924810
325.371907   39.158824   3875.493
 0.75000   14.576596  340.089179    3.924810
321.219803   40.439406   3848.473
 1.00000   14.576596  368.437632    3.924810
317.368765   42.645330   3790.403

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.909737 -351.396270   -4.050744
-303.634505   -27.430637   -2149.187
 0.25000  -12.909737 -322.959349   -4.050744
-307.502405   -27.625404   -2162.691
 0.50000  -12.909737 -295.026154   -4.050744
-311.670073   -28.610253   -2176.183
 0.75000  -12.909737 -268.716228   -4.050744
-316.136541   -29.829097   -2189.656
 1.00000  -12.909737 -245.051455   -4.050744
-320.910535   -31.241881   -2203.157

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.752238  276.992919    3.950458
406.711821   42.143923   4173.921
 0.25000   14.752238  296.360049    3.950458
403.463275   41.022823   4183.148
 0.50000   14.752238  317.917223    3.950458
400.429846   40.596753   4174.807
 0.75000   14.752238  340.819215    3.950458
397.607223   41.461257   4154.750
 1.00000   14.752238  364.154475    3.950458
394.993379   43.162740   4117.026

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.982351 -345.609034   -3.960335
-387.510529   -30.157420   -2339.970
 0.25000  -11.982351 -322.200981   -3.960335
-390.138836   -30.008134   -2354.670
 0.50000  -11.982351 -299.285557   -3.960335
-392.973412   -30.659958   -2369.359
 0.75000  -11.982351 -277.550364   -3.960335
-396.012750   -31.519963   -2384.031
 1.00000  -11.982351 -258.069507   -3.960335
-399.265035   -32.566950   -2398.722
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1253

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.744572  121.621740    1.596046
152.944033   22.114474   1539.396
 0.25000    3.744572  134.777854    1.596046
171.834160   21.828745   1557.106
 0.50000    3.744572  149.424691    1.596046
192.207722   21.839059   1558.662
 0.75000    3.744572  164.983927    1.596046
213.949049   22.172872   1547.314
 1.00000    3.744572  180.844481    1.596046
237.168928   23.001678   1519.839

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.042006 -174.563682   -1.611154
-234.139663   -8.305596  -804.413134
 0.25000   -8.042006 -158.664761   -1.611154
-210.895871   -8.662181  -809.535265
 0.50000   -8.042006 -143.038169   -1.611154
-189.110779   -9.023050  -814.564083
 0.75000   -8.042006 -128.328457   -1.611154
-168.740144   -9.387545  -819.616281
 1.00000   -8.042006 -115.081662   -1.611154
-149.833482   -9.755052  -824.682671

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.826852  238.887693    3.262007
151.801624   41.983829   3023.002
 0.25000    8.826852  265.202995    3.262007
151.801624   40.942456   3059.745
 0.50000    8.826852  294.463572    3.262007
151.801624   40.548368   3063.589
 0.75000    8.826852  325.598297    3.262007
151.801624   41.025263   3040.623
 1.00000    8.826852  357.298135    3.262007
151.801624   42.152257   2984.792

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.938282 -345.042401   -3.158434
-150.238395   -17.283070   -1570.350
 0.25000  -10.938282 -313.243854   -3.158434
-150.238395   -17.556956   -1580.216
 0.50000  -10.938282 -282.009903   -3.158434
-150.238395   -17.916523   -1590.105
 0.75000  -10.938282 -252.588410   -3.158434
-150.238395   -18.310484   -1599.958
 1.00000  -10.938282 -226.118628   -3.158434
-150.238395   -18.758470   -1609.794

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.589370  273.377478    3.592131
303.120008   43.276077   3873.132
 0.25000   11.589370  297.416511    3.592131
303.758111   42.699919   3897.688
 0.50000   11.589370  324.144058    3.592131
304.440479   42.709860   3895.545
 0.75000   11.589370  352.583745    3.592131
305.163210   43.750531   3871.878
 1.00000   11.589370  381.539565    3.592131
305.922588   45.529597   3821.534

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.064461 -364.837434   -3.581480
-297.157675   -24.104656   -2116.793
 0.25000  -12.064461 -335.731499   -3.581480
-296.388505   -24.993950   -2130.066
 0.50000  -12.064461 -307.261281   -3.581480
-295.652945   -25.969487   -2143.378
 0.75000  -12.064461 -280.386623   -3.581480
-294.955441   -26.980932   -2156.679
 1.00000  -12.064461 -256.206496   -3.581480
-294.099815   -28.044653   -2169.935
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1254

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.774098  275.464963    3.564092
373.267102   41.420236   4177.760
 0.25000   10.774098  295.790439    3.564092
373.267102   40.423598   4191.301
 0.50000   10.774098  318.390795    3.564092
373.267102   39.393085   4185.056
 0.75000   10.774098  342.438708    3.564092
373.267102   40.423759   4163.057
 1.00000   10.774098  366.923105    3.564092
373.267102   41.587718   4121.263

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.615068 -348.529338   -3.438742
-371.034461   -27.535150   -2331.619
 0.25000  -11.615068 -323.968701   -3.438742
-371.034461   -27.834217   -2346.228
 0.50000  -11.615068 -299.844146   -3.438742
-371.034461   -28.385691   -2360.874
 0.75000  -11.615068 -277.119503   -3.438742
-371.034461   -29.001498   -2375.522
 1.00000  -11.615068 -256.674710   -3.438742
-371.034461   -29.661719   -2390.109

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.762225   72.414164    1.563800
197.548328   8.872614   1431.273
 0.25000    2.762225   72.923817    1.563800
195.964666   7.850282   1423.269
 0.50000    2.762225   73.493228    1.563800
194.481620   7.071789   1416.919
 0.75000    2.762225   74.099404    1.563800
193.094546   6.750276   1412.973
 1.00000    2.762225   74.716539    1.563800
191.807915   6.673923   1410.649

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.713523  -67.833974   -1.286560
-201.124805   -13.304038   -871.170560
 0.25000   -4.713523  -67.215050   -1.286560
-202.411970   -12.433861   -876.606723
 0.50000   -4.713523  -66.607058   -1.286560
-203.797005   -11.955395   -882.064420
 0.75000   -4.713523  -66.034426   -1.286560
-205.280862   -12.010806   -887.496988
 1.00000   -4.713523  -65.521668   -1.286560
-206.862748   -12.465206   -892.988346

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.387556  163.673796    2.773268
393.489428   23.924349   2687.708
 0.25000    7.387556  168.291181    2.773268
381.516244   22.260652   2667.314
 0.50000    7.387556  173.446235    2.773268
370.301479   21.053104   2652.318
 0.75000    7.387556  178.953356    2.773268
359.820423   20.614141   2648.934
 1.00000    7.387556  184.520089    2.773268
350.096180   20.663688   2650.898

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.943940 -172.364496   -2.362373
-362.367905   -21.336808   -1539.620
 0.25000   -6.943940 -166.761574   -2.362373
-372.089576   -20.334319   -1549.267
 0.50000   -6.943940 -161.257460   -2.362373
-382.561978   -19.833971   -1558.936
 0.75000   -6.943940 -156.073758   -2.362373
-393.776965   -19.595954   -1568.563
 1.00000   -6.943940 -151.428370   -2.362373
-405.744146   -19.860378   -1578.227
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1255

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.926009  259.121495    3.990856
287.561094   41.038657   3785.219
 0.25000    9.926009  282.926731    3.990856
291.403669   39.109741   3818.164
 0.50000    9.926009  309.384938    3.990856
295.535088   37.914044   3819.707
 0.75000    9.926009  337.546229    3.990856
299.953895   37.809754   3793.055
 1.00000    9.926009  366.214352    3.990856
304.657941   38.463680   3735.067

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.594405 -349.875043   -3.602141
-314.296048   -25.895844   -2085.418
 0.25000  -11.594405 -321.113006   -3.602141
-309.581829   -25.202532   -2098.491
 0.50000  -11.594405 -292.866433   -3.602141
-305.152702   -24.977979   -2111.591
 0.75000  -11.594405 -266.258938   -3.602141
-300.997235   -24.995275   -2124.643
 1.00000  -11.594405 -242.318106   -3.602141
-297.134975   -25.390099   -2137.727

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.075279  275.873711    3.963027
386.389586   42.906238   4166.694
 0.25000   10.075279  295.441178    3.963027
388.938976   41.534248   4176.879
 0.50000   10.075279  317.192582    3.963027
391.680166   40.847554   4169.098
 0.75000   10.075279  340.337246    3.963027
394.610679   41.240410   4148.811
 1.00000   10.075279  363.903090    3.963027
397.726457   42.313596   4110.593

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.637402 -345.580470   -3.629458
-400.547165   -28.164867   -2324.703
 0.25000  -13.637402 -321.942033   -3.629458
-397.427163   -28.035124   -2339.284
 0.50000  -13.637402 -298.723295   -3.629458
-394.485650   -28.310649   -2353.890
 0.75000  -13.637402 -276.851887   -3.629458
-391.730860   -28.799720   -2368.446
 1.00000  -13.637402 -257.173534   -3.629458
-389.159368   -29.608648   -2383.010

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.594548  240.846817    4.019794
386.068742   41.784581   3948.783
 0.25000   10.594548  271.795841    4.019794
366.970512   40.110146   3969.488
 0.50000   10.594548  306.600381    4.019794
352.925786   39.618579   3971.951
 0.75000   10.594548  344.205266    4.019794
364.028106   40.527580   3981.022
 1.00000   10.594548  383.393877    4.019794
379.435963   43.013944   3973.073

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.692286 -390.309352   -4.611663
-384.246184   -12.559758   -1006.496
 0.25000  -10.692286 -351.108491   -4.611663
-368.839177   -12.858129   -933.904979
 0.50000  -10.692286 -313.475385   -4.611663
-357.457327   -13.539004   -1007.489
 0.75000  -10.692286 -278.626602   -4.611663
-363.611152   -14.255482   -1096.124
 1.00000  -10.692286 -247.617466   -4.611663
-382.704782   -14.972470   -1184.761
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1256

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.752238  276.992919    3.990856
406.711821   43.276077   4177.760
 0.25000   14.752238  297.416511    3.990856
403.463275   42.699919   4191.301
 0.50000   14.752238  324.144058    3.990856
401.280342   42.709860   4185.056
 0.75000   14.752238  352.583745    3.990856
409.878949   43.750531   4163.057
 1.00000   14.752238  381.539565    3.990856
419.046707   45.529597   4121.263

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.637402 -364.837434   -4.050744
-403.521108   -30.157420   -2339.970
 0.25000  -13.637402 -335.791499   -4.050744
-397.427163   -30.008134   -2354.670
 0.50000  -13.637402 -307.261281   -4.050744
-394.485650   -30.659958   -2369.359
 0.75000  -13.637402 -280.386623   -4.050744
-396.012750   -31.519963   -2384.031
 1.00000  -13.637402 -258.069507   -4.050744
-405.744146   -32.566950   -2398.722

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.752238  276.992919    4.019794
406.711821   43.276077   4177.760
 0.25000   14.752238  297.416511    4.019794
403.463275   42.699919   4191.301
 0.50000   14.752238  324.144058    4.019794
401.280342   42.709860   4185.056
 0.75000   14.752238  352.583745    4.019794
409.878949   43.750531   4163.057
 1.00000   14.752238  383.393877    4.019794
419.046707   45.529597   4121.263

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.637402 -390.309352   -4.611663
-403.521108   -30.157420   -2339.970
 0.25000  -13.637402 -351.108491   -4.611663
-397.427163   -30.008134   -2354.670
 0.50000  -13.637402 -313.475385   -4.611663
-394.485650   -30.659958   -2369.359
 0.75000  -13.637402 -280.386623   -4.611663
-396.012750   -31.519963   -2384.031
 1.00000  -13.637402 -258.069507   -4.611663
-405.744146   -32.566950   -2398.722

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.752238  276.992919    4.019794
406.711821   43.276077   4177.760
 0.25000   14.752238  297.416511    4.019794
403.463275   42.699919   4191.301
 0.50000   14.752238  324.144058    4.019794
401.280342   42.709860   4185.056
 0.75000   14.752238  352.583745    4.019794
409.878949   43.750531   4163.057
 1.00000   14.752238  383.393877    4.019794
419.046707   45.529597   4121.263

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.637402 -390.309352   -4.611663
-403.521108   -30.157420   -2339.970
 0.25000  -13.637402 -351.108491   -4.611663
-397.427163   -30.008134   -2354.670
 0.50000  -13.637402 -313.475385   -4.611663
-394.485650   -30.659958   -2369.359
 0.75000  -13.637402 -280.386623   -4.611663
-396.012750   -31.519963   -2384.031
 1.00000  -13.637402 -258.069507   -4.611663
-405.744146   -32.566950   -2398.722
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1257

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      95 ================== LENGTH
=    4.958026

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.650945   64.550619    0.638247
282.968879   4.381496   1212.658
 0.25000    4.650945   65.090292    0.638247
284.219947   5.538573   1166.936
 0.50000    4.650945   65.694300    0.638247
285.472452   6.898805   1128.234
 0.75000    4.650945   66.344309    0.638247
286.734345   8.443938   1098.386
 1.00000    4.650945   67.020881    0.638247
288.442625   10.344030   1078.149

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.494706  -27.640782   -2.421124
-73.741341   -7.543036  -444.904082
 0.25000   -3.494706  -26.967261   -2.421124
-72.035492   -6.589327  -478.864726
 0.50000   -3.494706  -26.325228   -2.421124
-70.778124   -6.443994  -512.825370
 0.75000   -3.494706  -25.732905   -2.421124
-69.532432   -6.315013  -546.786014
 1.00000   -3.494706  -25.207695   -2.421124
-68.290813   -6.203556  -580.746658

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.741798  158.881321    1.981235
507.320333   18.078394   2468.007
 0.25000    6.741798  164.291046    1.981235
518.615572   18.672541   2376.211
 0.50000    6.741798  170.345694    1.981235
529.928828   19.755186   2303.614
 0.75000    6.741798  176.861161    1.981235
541.326529   21.444424   2259.359
 1.00000    6.741798  183.640637    1.981235
556.752154   23.772267   2233.334

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.287866 -113.996374   -3.150630
-226.870885   -11.382741   -799.080737
 0.25000   -7.287866 -107.247558   -3.150630
-211.468159   -11.584316   -859.059799
 0.50000   -7.287866 -100.812073   -3.150630
-200.113521   -11.840056   -919.038860
 0.75000   -7.287866  -94.874624   -3.150630
-188.865116   -12.310951   -979.017921
 1.00000   -7.287866  -89.609935   -3.150630
-177.654581   -13.500077   -1038.997

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.115158  274.403859    3.571614
403.914707   36.716650   3625.448
 0.25000   10.115158  305.771936    3.571614
401.542403   36.216536   3586.383
 0.50000   10.115158  340.884321    3.571614
399.875300   36.725995   3523.592
 0.75000   10.115158  378.652507    3.571614
398.712930   38.452785   3437.522
 1.00000   10.115158  417.831262    3.571614
396.422361   41.351187   3319.630

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -10.175792 -323.697544   -4.530066
-117.356922   -14.392842   -1077.116
 0.25000   -10.175792 -284.700740   -4.530066
-117.356922   -14.919628   -1157.056
 0.50000   -10.175792 -247.398581   -4.530066
-117.357302   -15.481353   -1236.996
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1258

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   -10.175792 -212.969123   -4.530066
-118.349423   -16.185310   -1236.936
 1.00000   -10.175792 -182.444743   -4.530066
-120.586599   -17.367888   -1396.876

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.309976  288.117925    3.543999
408.446045   37.636550   3964.208
 0.25000   10.309976  313.915010    3.543999
407.951311   36.797571   3885.678
 0.50000   10.309976  342.788858    3.543999
407.466720   37.036874   3802.258
 0.75000   10.309976  373.847170    3.543999
406.987642   38.465343   3718.694
 1.00000   10.309976  406.065879    3.543999
406.912524   41.150037   3624.335

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.514396 -302.720828   -4.468236
-281.528123   -15.308959   -1184.900
 0.25000   -9.514396 -270.651713   -4.468236
-281.528123   -15.911622   -1272.884
 0.50000   -9.514396 -239.976585   -4.468236
-281.528123   -16.568782   -1360.867
 0.75000   -9.514396 -211.664287   -4.468236
-281.528123   -17.355770   -1448.850
 1.00000   -9.514396 -186.561577   -4.468236
-281.528123   -18.550066   -1536.833

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.610136  135.274041    2.084682
193.606607   21.770121   1568.105
 0.25000    3.610136  152.409462    2.084682
214.713869   20.596052   1557.331
 0.50000    3.610136  171.587922    2.084682
235.866269   19.924177   1534.534
 0.75000    3.610136  192.222541    2.084682
257.186514   19.859083   1503.595
 1.00000    3.610136  213.666758    2.084682
286.003116   20.324868   1455.834

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.042702 -178.103450   -1.321579
-209.110736   -5.129707   -412.641959
 0.25000   -5.042702 -156.757263   -1.321579
-180.353434   -5.623347   -442.720827
 0.50000   -5.042702 -136.376466   -1.321579
-159.135506   -6.164132   -472.799694
 0.75000   -5.042702 -117.569951   -1.321579
-138.126462   -6.888475   -502.878561
 1.00000   -5.042702 -100.894672   -1.321579
-117.199354   -8.205726   -532.957428

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.790347  263.841478    3.876724
155.683096   41.993013   3047.424
 0.25000    7.790347  298.093474    3.876724
155.683096   39.811347   3031.197
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 0.50000      7.790347   336.429978     3.876724
155.683096    38.728511     2989.188
 0.75000      7.790347   377.667038     3.876724
155.683096    38.989157     2927.485
 1.00000      7.790347   420.448944     3.876724
155.683096    40.452126     2830.112

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.519774  -351.668609    -3.160894
-147.946632   -9.512057  -796.165616
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1259

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -8.519774  -309.088772    -3.160894
-147.946632  -10.271361  -854.125773
 0.50000   -8.519774  -268.360460    -3.160894
-147.946632  -11.073286  -912.085929
 0.75000   -8.519774  -230.769525    -3.160894
-147.946632  -12.038182  -970.046086
 1.00000   -8.519774  -197.439444    -3.160894
-147.946632  -13.544015   -1028.006

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.310319   291.314591     4.033650
363.251875   40.601359     3754.636
 0.25000    9.310319   322.486615     4.033650
363.649350   39.253277     3702.274
 0.50000    9.310319   357.373998     4.033650
364.128398   39.211688     3634.771
 0.75000    9.310319   394.901514     4.033650
364.672769   40.442590     3556.185
 1.00000    9.310319   433.831706     4.033650
365.198838   42.815697     3453.361

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.053549  -341.126969    -3.826521
-187.462295  -13.727817   -1071.224
 0.25000   -9.053549  -302.377489    -3.826521
-187.462295  -14.449193   -1150.140
 0.50000   -9.053549  -265.312904    -3.826521
-187.462295  -15.204568   -1229.056
 0.75000   -9.053549  -231.103973    -3.826521
-187.462295  -16.078574   -1307.972
 1.00000   -9.053549  -200.770849    -3.826521
-187.462295  -17.337675   -1386.888

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.664981   287.686650     3.682763
344.670188   36.690554     3973.117
 0.25000    8.664981   313.957918     3.682763
344.670188   35.334609     3898.049
 0.50000    8.664981   343.362602     3.682763
344.670188   35.099917     3817.039
 0.75000    8.664981   374.990811     3.682763
344.670188   35.931762     3731.857
 1.00000    8.664981   407.801448     3.682763
344.670188   37.739917     3633.329

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.602745  -304.783948    -3.517536
-330.675717  -14.811057   -1180.966
 0.25000   -8.602745  -272.125644    -3.517536
-330.675717  -15.659172   -1262.606
 0.50000   -8.602745  -240.887044    -3.517536
-330.675717  -16.541926   -1356.246
 0.75000   -8.602745  -212.054812    -3.517536
-330.675717  -17.537826   -1443.886
 1.00000   -8.602745  -186.490653    -3.517536
-330.675717  -18.864393   -1531.526

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.635773   67.362327     1.543721
69.409985    5.141120     1252.439
 0.25000    2.635773   68.004146     1.543721
67.344962    5.906396     1204.856
 0.50000    2.635773   68.725608     1.543721
65.826197    5.459634     1165.259
 0.75000    2.635773   69.501297     1.543721
64.319593    5.141120     1134.885
 1.00000    2.635773   70.332253     1.543721
62.815568    4.982595     1114.059
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1260

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.747031  -29.948497     -0.744829
-274.145682   -5.209540  -440.777370
 0.25000   -2.747031  -29.150372     -0.744829
-275.658438   -5.683607  -474.652386
 0.50000   -2.747031  -28.384306     -0.744829
-277.169519   -6.169005  -508.527402
 0.75000   -2.747031  -27.676948     -0.744829
-278.688371   -6.663153  -542.402417
 1.00000   -2.747031  -27.052620     -0.744829
-280.754032   -7.364783  -576.277433

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.565443   163.347178     2.654093
237.756538   20.327922     2498.228
 0.25000    5.565443   170.214977     2.654093
218.634776   19.651673     2410.776
 0.50000    5.565443   177.930500     2.654093
204.573547   18.328586     2340.850
 0.75000    5.565443   186.226453     2.654093
190.625162   18.239548     2294.157
 1.00000    5.565443   194.807254     2.654093
176.695813   18.811557     2262.559

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.984714  -125.017794     -1.976979
-480.215311   -9.125645   -781.881995
 0.25000   -4.984714  -116.531830     -1.976979
-494.224272   -9.777585   -840.734606
 0.50000   -4.984714  -108.338714     -1.976979
-508.210635  -10.463932   -899.587217
 0.75000   -4.984714  -100.773920     -1.976979
-522.271224  -11.175709   -958.439828
 1.00000   -4.984714   -94.092968     -1.976979
-541.394761  -11.921330   -1017.292

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.763703   275.778673     4.186033
125.196752   38.559166     3629.794
 0.25000    8.763703   307.425672     4.186033
126.174970   36.347477     3591.076

 0.50000    8.763703   342.843350     4.186033
127.236009   35.088337     3529.074
 0.75000    8.763703   380.941667     4.186033
128.366994   35.016783     3442.412
 1.00000    8.763703   420.464297     4.186033
129.685798   36.064866     3324.234

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.451172  -326.646359    -3.187838
-370.274116  -12.440461   -1057.864
 0.25000   -8.451172  -287.307158    -3.187838
-369.008044  -13.463173   -1136.550
 0.50000   -8.451172  -249.678780    -3.187838
-368.436048  -14.515260   -1215.236
 0.75000   -8.451172  -214.949839    -3.187838
-368.436048  -15.600119   -1293.921
 1.00000   -8.451172  -184.154442    -3.187838
-368.436048  -16.735842   -1372.607

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.726120   287.920139     4.548541
294.735743   38.666010     3964.195
 0.25000    8.726120   313.836393     4.548541
294.735742   36.771470     3886.323
 0.50000    8.726120   342.842846     4.548541
294.735742   35.883165     3803.359
 0.75000    8.726120   374.044021     4.548541
294.735742   36.157557     3719.240
 1.00000    8.726120   406.411112     4.548541
294.735742   37.532119     3623.433
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1261

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.778043  -302.928073    -3.186627
-381.221390  -14.480321   -1178.119
 0.25000   -9.778043  -270.711261    -3.186627
-381.221390  -15.510832   -1265.753
 0.50000   -9.778043  -239.895002    -3.186627
-381.221390  -16.586828   -1353.389
 0.75000   -9.778043  -211.452662    -3.186627
-381.221390  -17.790073   -1441.027
 1.00000   -9.778043  -186.233943    -3.186627
-381.221390  -19.563933   -1528.664

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.574062   95.561791     0.923407
337.454094    5.901205     1383.411
 0.25000    9.574062   95.988594     0.923407
338.513948    6.865920     1330.333
 0.50000    9.574062   96.460695     0.923407
339.652696    8.192924     1278.981
 0.75000    9.574062   96.960013     0.923407
340.882038    9.812793     1226.848
 1.00000    9.574062   97.466942     0.923407
342.164560   11.990600     1181.506

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.826140  -44.899176     -2.565784
-107.276540  -16.415826  -904.538369
 0.25000   -3.826140  -44.415021     -2.565784
-106.044626  -14.789726  -911.104112
 0.50000   -3.826140  -43.940818     -2.565784
-104.890152  -14.202337  -917.680361
 0.75000   -3.826140  -43.496208     -2.565784
-103.813228  -14.050255  -924.250701
 1.00000   -3.826140  -43.098744     -2.565784
-102.816798  -14.134401  -930.804914

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.264163   204.243353     3.059634
566.175157   21.045908     2647.537
 0.25000   11.264163   207.850224     3.059634
573.877245   21.075625     2545.537
 0.50000   11.264163   211.839092     3.059634
582.148301   21.862099     2450.374
 0.75000   11.264163   216.059569     3.059634
590.976562   23.313953     2369.371
 1.00000   11.264163   220.343484     3.059634
600.374334   25.256010     2296.547

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.860224  -129.612734     -3.059867
-255.481114  -22.936557   -1619.909
 0.25000   -9.860224  -125.521199     -3.059867
-246.541898  -23.415732   -1632.971
 0.50000   -9.860224  -121.513709     -3.059867
-238.167478  -24.502596   -1640.040
 0.75000   -9.860224  -117.756256     -3.059867
-230.357637  -26.094156   -1650.096
 1.00000   -9.860224  -114.397660     -3.059867
-223.126619  -28.191929   -1660.115

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.109759   316.493293     4.336491
481.246607   38.493971     3790.092
 0.25000   14.109759   340.809392     4.336491
482.595871   37.953753     3717.934
 0.50000   14.109759   367.717818     4.336491
478.050177   38.350914     3614.806
 0.75000   14.109759   396.180813     4.336491
473.817757   39.756956     3484.354
 1.00000   14.109759   425.074228     4.336491
469.894660   41.940291     3324.557
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1262

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.377213  -302.514491     -4.270049
-179.806252  -28.890515   -2203.379
 0.25000  -12.377213  -274.913524     -4.270049
-183.627604  -29.562486   -2215.518
 0.50000  -12.377213  -247.882494     -4.270049
-187.751100  -30.830359   -2227.612
 0.75000  -12.377213  -222.541548     -4.270049
-192.172710  -32.113661   -2239.722
 1.00000  -12.377213  -199.894518     -4.270049
-196.900631  -34.032882   -2251.842

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.348967   336.212266     4.304605
486.451046   40.439683     4116.925
 0.25000   14.348967   356.229278     4.304605
483.112602   39.631593     4013.619
 0.50000   14.348967   378.379173     4.304605
479.994229   39.752225     3890.300
 0.75000   14.348967   401.808730     4.304605
477.091327   41.024980     3756.569
 1.00000   14.348967   425.592576     4.304605
474.399806   43.055028     3606.976

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.479553  -292.665421     -4.606690
-337.797605  -31.411275   -2398.852
 0.25000  -11.479553  -269.945441     -4.606690
-340.376725  -31.475789   -2411.946
 0.50000  -11.479553  -247.694649     -4.606690
-343.157540  -31.965219   -2425.003
 0.75000  -11.479553  -226.835095     -4.606690
-346.143743  -32.864990   -2438.063
 1.00000  -11.479553  -208.191937     -4.606690
-349.340284  -34.166849   -2451.117

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.485709   140.588181     2.810774
189.589754   21.841705     1519.752
 0.25000    3.485709   154.188878     2.810774
209.108030   20.456908     1500.439
 0.50000    3.485709   169.238971     2.810774
230.077921   19.593281     1464.465
 0.75000    3.485709   185.161911     2.810774
252.497055   19.179706     1416.222
 1.00000    3.485709   201.323558     2.810774
276.343590   19.076761     1352.456

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.846913  -156.868800     -1.068902
-197.677608   -9.094627  -824.732960
 0.25000   -7.846913  -141.435839     -1.068902
-175.074749  -10.296514  -828.411318
 0.50000   -7.846913  -126.318134     -1.068902
-153.888346  -11.765824  -832.087913
 0.75000   -7.846913  -112.144527     -1.068902
-134.146950  -13.442847  -835.761983
 1.00000   -7.846913   -99.477946     -1.068902
-115.827035  -15.367210  -839.446892

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.361116   275.790798     4.245814
159.042110   41.165636     2984.833
 0.25000    8.361116   302.988985     4.245814
159.042110   39.445852     2949.350
 0.50000    8.361116   333.078597     4.245814
159.042110   38.547093     2879.837
 0.75000    8.361116   364.966602     4.245814
159.042110   38.564757     2784.820
 1.00000    8.361116   397.217470     4.245814
159.042110   39.256231     2658.157
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1263

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.495989  -310.545167     -3.042464
-150.285473  -16.497385   -1609.824
 0.25000  -10.495989  -279.680100     -3.042464
-150.285473  -19.334245   -1616.798
 0.50000  -10.495989  -249.453575     -3.042464
-150.285473   -20.422501   -1623.674
 0.75000  -10.495989  -221.118117     -3.042464
-150.285473   -21.742147   -1630.605
 1.00000  -10.495989  -195.785922     -3.042464
-150.285473   -23.340537   -1637.509

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.160527   325.305322     4.752813
397.783736   42.068900     3821.366
 0.25000   11.160527   350.150829     4.752813
398.597119   41.163480     3746.467
 0.50000   11.160527   377.635817     4.752813
399.457603   41.148588     3641.960
 0.75000   11.160527   406.708729     4.752813
400.366470   42.035555     3517.381
 1.00000   11.160527   436.222786     4.752813
401.304564   43.573195     3367.527

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.639021  -317.450498     -3.670127
-219.936679   -26.045278   -2170.082
 0.25000  -11.639021  -289.258017     -3.670127
-219.384636   -27.405854   -2181.014
 0.50000  -11.639021  -261.648007     -3.670127
-218.952099   -29.010983   -2191.853
 0.75000  -11.639021  -235.764565     -3.670127
-218.837803   -30.814534   -2202.732
 1.00000  -11.639021  -212.624394     -3.670127
-218.761823   -32.840653   -2217.640

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.351590   334.293400     4.558199
393.534461   39.890394     4121.318
 0.25000   10.351590   355.300801     4.558199
393.534461   38.665724     4023.554
 0.50000   10.351590   378.541487     4.558199
393.534461   38.189907     3901.873
 0.75000   10.351590   403.124878     4.558199
393.534461   38.480080     3765.865
 1.00000   10.351590   428.081224     4.558199
393.534461   39.345854     3611.571

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.201124  -295.534918     -3.605779
-380.044657   -29.142900   -2390.153
 0.25000  -11.201124  -271.695284     -3.605779
-380.044657   -29.943159   -2403.051
 0.50000  -11.201124  -248.348847     -3.605779
-380.044657   -31.141342   -2415.871
 0.75000  -11.201124  -226.463039     -3.605779
-380.044657   -32.408634   -2428.720
 1.00000  -11.201124  -206.896897     -3.605779
-380.044657   -33.877904   -2444.941

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.580912   97.312181     1.903835
101.343862    8.279659     1410.971
 0.25000    2.580912   97.838565     1.903835
99.789705     7.227911     1356.617
 0.50000    2.580912   98.424133     1.903835
98.335557     6.390825     1304.618
 0.75000    2.580912   99.044208     1.903835
96.981163     5.776353     1254.631
 1.00000    2.580912   99.677419     1.903835
95.727269     5.374129     1206.999
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1264

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.537393  -46.616545     -1.153572
-322.624394  -13.429209  -892.845993
 0.25000   -4.537393  -46.015957     -1.153572
-323.945026  -12.979490  -899.693642
 0.50000   -4.537393  -45.427626     -1.153572
-325.364339  -13.010798  -906.532686
 0.75000   -4.537393  -44.875944     -1.153572
-326.881081  -13.470554  -913.373189
 1.00000   -4.537393  -44.385334     -1.153572
-328.498345  -14.278656  -920.952948

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.141932   204.921048     3.050644
255.849997   22.707502     2651.366
 0.25000    7.141932   209.689875     3.050644
244.095589   21.258616     2553.856
 0.50000    7.141932   214.990944     3.050644
233.097036   20.449552     2460.608
 0.75000    7.141932   220.604377     3.050644
222.853105   20.262174     2379.279
 1.00000    7.141932   226.294067     3.050644
213.357666   20.536956     2304.419

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.624405  -136.728974     -2.908478
-526.908375  -21.606607   -1578.049
 0.25000   -6.624405  -131.292375     -2.908478
-536.889833  -20.808348   -1587.662
 0.50000   -6.624405  -125.966385     -2.908478
-547.611967  -20.411896   -1602.365
 0.75000   -6.624405  -120.971797     -2.908478
-559.071526  -20.277967   -1614.334
 1.00000   -6.624405  -116.528711     -2.908478
-571.292713  -20.310954   -1626.273

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.396254   312.091239     4.664950
178.700196   39.688928     3735.466
 0.25000    9.396254   336.625779     4.664950
182.808776   37.525870     3666.714
 0.50000    9.396254   363.907699     4.664950
187.210979   36.113323     3565.961
 0.75000    9.396254   392.691799     4.664950
191.904215   35.613445     3437.440
 1.00000    9.396254   421.913517     4.664950
196.885908   35.828922     3279.175

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.050813  -301.886177     -3.570299
-447.618317  -26.810047   -2137.592
 0.25000  -11.050813  -273.974413     -3.570299
-443.204737  -26.970667   -2149.368
 0.50000  -11.050813  -246.638860     -3.570299
-439.065285  -27.395104   -2161.127
 0.75000  -11.050813  -221.012909     -3.570299
-435.202239  -28.033749   -2172.874
 1.00000  -11.050813  -198.095165     -3.570299
-431.622766  -28.851291   -2184.581

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.598501   335.118503     5.428117
357.140540   41.687475     4110.783
 0.25000    9.598501   355.342336     5.428117
359.891993   39.693528     4008.745
 0.50000    9.598501   377.710008     5.428117
362.836367   38.492034     3885.824
 0.75000    9.598501   401.371096     5.428117
365.973345   38.232696     3751.701
 1.00000    9.598501   425.389278     5.428117
369.298168   38.685460     3601.296
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 1265

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.182232  -292.598197     -3.472861
-457.911501   -29.624722   -2382.978
 0.25000  -13.182232  -269.651417     -3.472861
-455.017465   -30.666691   -2404.200
 0.50000  -13.182232  -247.184277     -3.472861
-452.300840   -32.063996   -2423.394
 0.75000  -13.182232  -226.119665     -3.472861
-449.766038   -33.763310   -2442.628
 1.00000  -13.182232  -207.282711     -3.472861
-447.418877   -35.996493   -2461.824

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.309976  291.314591     4.548541
507.320333   41.993013     3973.117
 0.25000   10.309976  322.486615     4.548541
518.615572   39.811347     3898.049
 0.50000   10.309976  357.373998     4.548541
529.928828   39.211688     3817.039
 0.75000   10.309976  394.901514     4.548541
541.329529   40.442590     3731.857
 1.00000   10.309976  433.831706     4.548541
556.752154   42.815697     3633.329

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.175792  -351.668069     -4.530066
-480.215311   -15.308959   -1184.900
 0.25000  -10.175792  -309.088772     -4.530066
-494.224272   -15.911622   -1272.884
 0.50000  -10.175792  -268.360460     -4.530066
-508.210635   -16.586828   -1360.867
 0.75000  -10.175792  -231.103973     -4.530066
-522.271224   -17.790073   -1448.850
 1.00000  -10.175792  -200.770849     -4.530066
-541.394761   -19.563933   -1536.833

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.348967  336.212266     5.428117
566.175157   42.088900     4121.318
 0.25000   14.348967  356.229278     5.428117
573.877245   41.163480     4023.554
 0.50000   14.348967  378.541487     5.428117
582.148301   41.148588     3901.873
 0.75000   14.348967  406.708729     5.428117
590.976562   42.038855     3765.865
 1.00000   14.348967  436.222786     5.428117
600.374334   43.573195     3611.571

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.182232  -317.450498     -4.606690
-526.908375   -31.411275   -2398.852
 0.25000  -13.182232  -289.258017     -4.606690
-536.889833   -31.475789   -2411.946
 0.50000  -13.182232  -261.648007     -4.606690
-547.611967   -32.063996   -2425.003
 0.75000  -13.182232  -235.764565     -4.606690
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-559.071526  -33.763310   -2442.628
 1.00000   -13.182232  -212.624394    -4.606690
-571.292713   -35.996493    -2461.824

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    14.348967   336.212266     5.428117
566.175157    42.088900    4121.318
 0.25000    14.348967   356.229278     5.428117
573.877245    41.163480    4023.554
 0.50000    14.348967   378.541487     5.428117
582.148301    41.148588    3901.873
 0.75000    14.348967   406.708729     5.428117
590.976562    42.038855    3765.865
 1.00000    14.348967   436.222786     5.428117
600.374334    43.573195    3633.329
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1266

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -13.182232  -351.668069    -4.606690
-526.908375   -31.411275    -2398.852
 0.25000   -13.182232  -309.088772    -4.606690
-536.889833   -31.475789    -2411.946
 0.50000   -13.182232  -268.360460    -4.606690
-547.611967   -32.063996    -2425.003
 0.75000   -13.182232  -235.764565    -4.606690
-559.071526   -33.763310    -2442.628
 1.00000   -13.182232  -212.624394    -4.606690
-571.292713   -35.996493    -2461.824

 COMB  DESIGN ---------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    14.348967   336.212266     5.428117
566.175157    42.088900    4121.318
 0.25000    14.348967   356.229278     5.428117
573.877245    41.163480    4023.554
 0.50000    14.348967   378.541487     5.428117
582.148301    41.148588    3901.873
 0.75000    14.348967   406.708729     5.428117
590.976562    42.038855    3765.865
 1.00000    14.348967   436.222786     5.428117
600.374334    43.573195    3633.329

 COMB  DESIGN ---------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -13.182232  -351.668069    -4.606690
-526.908375   -31.411275    -2398.852
 0.25000   -13.182232  -309.088772    -4.606690
-536.889833   -31.475789    -2411.946
 0.50000   -13.182232  -268.360460    -4.606690
-547.611967   -32.063996    -2425.003
 0.75000   -13.182232  -235.764565    -4.606690
-559.071526   -33.763310    -2442.628
 1.00000   -13.182232  -212.624394    -4.606690
-571.292713   -35.996493    -2461.824

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 COMB DB-G1-1 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    4.689385    85.705469     0.718579
397.512640    7.117239    1077.240
 0.25000    4.689385    86.241273     0.718579
398.769507    9.034053    997.316262
 0.50000    4.689385    86.837911     0.718579
400.017760   11.176506    924.003617
 0.75000    4.689385    87.477438     0.718579
401.265000   13.554044    857.956301
 1.00000    4.689385    88.142431     0.718579
402.949350   16.345824    801.646728

 COMB DB-G1-1 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -3.301537   -25.898041    -3.152467
-72.666405    -5.900232   -580.918529
 0.25000   -3.301537   -25.236601    -3.152467
-70.978659    -5.189098   -614.839489
 0.50000   -3.301537   -24.606779    -3.152467
-69.739361    -4.584537   -648.760449
 0.75000   -3.301537   -24.027332    -3.152467
-68.520709    -4.316790   -682.681410
 1.00000   -3.301537   -23.514804    -3.152467
-67.314758    -5.183002   -716.602370

 COMB DB-G1-2 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    6.652657   197.009909     3.719136
672.800681   19.106790    2231.985
 0.25000    6.652657   202.380518     3.719136
684.152458   19.376447    2079.715
 0.50000    6.652657   208.360959     3.719136
695.424112   20.358239    1945.510
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1267

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000    6.652657   214.771045     3.719136
706.687910   21.625017    1840.487
 1.00000    6.652657   221.433983     3.719136
721.894598   23.324022    1756.428

 COMB DB-G1-2 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -7.127152   -98.130673    -3.314898
-197.583483   -13.073826    -1039.234
 0.25000   -7.127152   -91.503369    -3.314898
-182.348453   -15.635523    -1099.317
 0.50000   -7.127152   -85.190787    -3.314898
-171.162197   -18.514151    -1159.400
 0.75000   -7.127152   -79.382892    -3.314898
-160.163465   -21.495326    -1219.483
 1.00000   -7.127152   -74.245817    -3.314898
-149.280714   -25.678930    -1279.565

 COMB DB-G1-3 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.761043   326.213738     4.993591
545.742896   36.517468    3318.599
 0.25000    9.761043   357.337771     4.993591
543.138454   35.549946    3199.269
 0.50000    9.761043   392.002157     4.993591
541.184217   35.422846    3056.260
 0.75000    9.761043   429.142363     4.993591
539.192810   36.426071    2892.206
 1.00000    9.761043   467.619617     4.993591
537.140790   38.529571    2700.910

 COMB DB-G1-3 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.675727  -293.577819    -4.284302
-102.458154   -16.829029    -1397.090
 0.25000   -9.675727  -255.308348    -4.284302
-102.458341   -19.000587    -1477.170
 0.50000   -9.675727  -218.745115    -4.284302
-102.458341   -21.331028    -1557.251
 0.75000   -9.675727  -185.093661    -4.284302
-102.458341   -23.832511    -1637.331
 1.00000   -9.675727  -155.335571    -4.284302
-102.761877   -27.448537    -1717.412

 COMB DB-G1-4 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.042074   345.184612     4.806033
497.215909   37.099080    3623.946
 0.25000   10.042074   370.780822     4.806033
496.652232   36.424687    3454.803
 0.50000   10.042074   399.286482     4.806033
496.100144   37.073894    3283.304
 0.75000   10.042074   429.828611     4.806033
495.685883   39.122838    3114.224
 1.00000   10.042074   461.470741     4.806033
495.685883   42.490716    2937.452

 COMB DB-G1-4 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.038525  -267.389572    -5.090780
-319.566038   -18.062132    -1536.947
 0.25000   -9.038525  -235.918272    -5.090780
-319.566038   -20.228947    -1625.080
 0.50000   -9.038525  -205.850474    -5.090780
-319.566038   -22.552736    -1713.212
 0.75000   -9.038525  -178.117627    -5.090780
-319.566038   -25.036479    -1801.344
 1.00000   -9.038525  -153.704784    -5.090780
-319.566038   -28.456298    -1889.476

 COMB DB-G2-1 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    3.356842   155.233920     3.514206
230.562455   19.144259    1455.454
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1268

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000    3.356842   172.241522     3.514206
251.746519   16.647533    1414.254
 0.50000    3.356842   191.181070     3.514206
272.800538   14.459367    1362.872
 0.75000    3.356842   211.478216     3.514206
293.849170   12.617116    1304.488
 1.00000    3.356842   232.547675     3.514206
322.219833   11.102471    1231.144

 COMB DB-G2-1 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.885171  -160.363597    -0.240267
-176.227999    -8.060423   -533.004197
 0.25000   -4.885171  -139.407249    -0.240267
-147.839255   -11.444722   -563.230970
 0.50000   -4.885171  -119.421476    -0.240267
-127.004101   -15.235138   -593.457742
 0.75000   -4.885171  -101.031163    -0.240267
-106.533499   -19.197782   -623.684525
 1.00000   -4.885171   -84.765853    -0.240267
-86.296586   -23.233925   -653.911298

 COMB DB-G2-2 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    7.372504   302.422810     5.318620
165.381742   38.831329    2830.162
 0.25000    7.372504   336.407926     5.318620
165.381742   35.539658    2755.362
 0.50000    7.372504   374.255654     5.318620
165.381742   33.279116    2658.144
 0.75000    7.372504   414.807445     5.318620
165.381742   32.467601    2543.649
 1.00000    7.372504   456.819915     5.318620
165.381742   33.013571    2397.170

 COMB DB-G2-2 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -8.117502  -317.533130    -2.777437
-148.970260   -13.277029   -1352.529
 0.25000   -8.117502  -275.747462    -2.777437
-148.970260   -16.718614    -1086.160
 0.50000   -8.117502  -235.825408    -2.777437
-148.970260   -20.292003    -1144.291
 0.75000   -8.117502  -199.083372    -2.777437
-148.970260   -23.998053    -1202.423
 1.00000   -8.117502  -166.589481    -2.777437
-148.970260   -27.790716    -1260.554

 COMB DB-G2-3 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    8.964621   342.859698     6.025160
453.606388   38.898103    3452.718
 0.25000    8.964621   373.788888     6.025160
453.909190   37.195715    3319.799
 0.50000    8.964621   408.231686     6.025160
454.295698   36.519450    3174.597
 0.75000    8.964621   445.135814     6.025160
454.742751   37.184751    3022.303
 1.00000    8.964621   483.369726     6.025160
455.105233   39.113343    2847.497

 COMB DB-G2-3 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -8.591747  -303.051701    -3.704872
-176.684986   -16.847248    -1387.026
 0.25000   -8.591747  -265.024150    -3.704872
-176.684986   -19.810373    -1466.145
 0.50000   -8.591747  -228.692969    -3.704872
-176.684986   -24.357361    -1545.263
 0.75000   -8.591747  -195.256232    -3.704872
-176.684986   -29.029440    -1624.382
 1.00000   -8.591747  -165.683786    -3.704872
-176.684986   -33.818734    -1703.501
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1269

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G2-4 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    8.295927   344.756415     5.495262
404.445864   34.574462    3633.408
 0.25000    8.295927   370.822986     5.495262
404.445864   32.855603    3467.351
 0.50000    8.295927   399.852179     5.495262
404.445864   32.353348    3298.011
 0.75000    8.295927   430.955387     5.495262
404.445864   33.334298    3129.833
 1.00000    8.295927   463.178935     5.495262
404.445864   35.390038    2947.682

 COMB DB-G2-4 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -8.146247  -266.666740    -3.580079
-384.696760   -18.448811    -1531.547
 0.25000   -8.146247  -234.617149    -3.580079
-384.696760   -21.374312    -1619.410
 0.50000   -8.146247  -203.996949    -3.580079
-384.696760   -25.635035    -1707.274
 0.75000   -8.146247  -175.815821    -3.580079
-384.696760   -30.001961    -1795.137
 1.00000   -8.146247  -150.893020    -3.580079
-384.696760   -34.475863    -1883.000

 COMB DB-G3-1 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    2.461489   89.154207     1.288825
66.653167    5.893265    1115.037
 0.25000    2.461489   89.791114     1.288825
64.599761    4.810657    1032.162
 0.50000    2.461489   90.502983     1.288825
63.090060    3.822843   956.314655
 0.75000    2.461489   91.265400     1.288825
61.602958    3.000728   889.382793
 1.00000    2.461489   92.052375     1.288825
60.128250    2.403619   832.472630

 COMB DB-G3-1 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -2.563084  -26.594137    -0.747888
-380.962662    -7.180732   -576.109512
 0.25000   -2.563084  -25.811454    -0.747888
-382.487042    -8.005819   -610.087242
 0.50000   -2.563084  -25.061147    -0.747888
-383.996360    -8.852230   -644.064972
 0.75000   -2.563084  -24.370361    -0.747888
-385.501315    -9.712300   -678.042701
 1.00000   -2.563084  -23.762285    -0.747888
-387.544929   -10.579357   -712.020431

 COMB DB-G3-2 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    5.327958   201.616577     2.274979
207.971639   19.532312    2263.992
 0.25000    5.327958   208.426136     2.274979
188.950849   18.044498    2115.947
 0.50000    5.327958   216.039636     2.274979
174.964718   17.292150    1984.055
 0.75000    5.327958   224.194191     2.274979
161.182929   17.634979    1877.290
 1.00000    5.327958   232.615622     2.274979
147.518152   19.068348    1788.438

 COMB DB-G3-2 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -4.657368  -107.825725    -3.162261
-627.465631   -11.858583   -1017.082
 0.25000   -4.657368   -99.450168    -3.162261
-641.577694   -13.149278   -1062.658
 0.50000   -4.657368   -91.424739    -3.162261
-655.552471   -14.480468   -1135.034
 0.75000   -4.657368   -84.036314    -3.162261
-669.487771   -15.835370   -1194.010
 1.00000   -4.657368   -77.528427    -3.162261
-688.411433   -17.199571   -1252.986
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1270

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-3 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    8.262698   327.509788     4.326818
113.922275   35.871515    3325.361
 0.25000    8.262698   358.910679     4.326818
114.807926   32.482603    3206.366
 0.50000    8.262698   393.877165     4.326818
115.773712   30.068738    3064.270
 0.75000    8.262698   431.342775     4.326818
116.799898   28.988282    2900.743
 1.00000    8.262698   470.158742     4.326818
117.942951   29.313147    2709.586

 COMB DB-G3-3 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -7.896990  -295.409415    -3.034745
-491.267323   -16.517942    -1372.441
 0.25000   -7.896990  -256.802919    -3.034745
-491.267323   -18.711582    -1451.331
 0.50000   -7.896990  -219.918876    -3.034745
-491.267323   -21.047533    -1530.221
 0.75000   -7.896990  -185.973638    -3.034745
-491.267323   -23.518060    -1609.111
 1.00000   -7.896990  -155.950287    -3.034745
-491.267323   -26.075413    -1688.001

 COMB DB-G3-4 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    8.285131   345.097673     6.104646
342.611883   35.779588    3623.919
 0.25000    8.285131   370.812038     6.104646
342.611882   32.288618    3446.350
 0.50000    8.285131   399.448702     6.104646
342.611882   30.823305    3284.024
 0.75000    8.285131   430.131418     6.104646
342.611882   29.945238    3114.688
 1.00000    8.285131   461.919403     6.104646
342.611882   30.258138    2936.235

 COMB DB-G3-4 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.354719  -267.013027    -2.974998
-456.547296   -24.307856   -1528.603
 0.25000   -9.354719  -235.396642    -2.974998
-456.547296   -24.170025    -1616.506
 0.50000   -9.354719  -205.190382    -2.974998
-456.547296   -29.149331    -1704.409
 0.75000   -9.354719  -177.390292    -2.974998
-456.547296   -34.254505    -1792.312
 1.00000   -9.354719  -152.804216    -2.974998
-456.547296   -39.480529    -1880.215

 COMB DL-G1-1 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    9.508174   123.913550     0.877916
468.638869    8.156716    1180.309
 0.25000    9.508174   124.351058     0.877916
469.733253   10.708940    1082.094
 0.50000    9.508174   124.831185     0.877916
470.895882   13.933968    986.520258
 0.75000    9.508174   125.336773     0.877916
472.127808   17.888383    892.690158
 1.00000    9.508174   125.849515     0.877916
473.427637   22.247895    801.061388

 COMB DL-G1-1 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -3.629003   -35.730173    -4.496136
-89.417095   -12.298360   -930.844244
 0.25000   -3.629003   -35.263439    -4.496136
-88.212131   -10.068317   -937.297290
 0.50000   -3.629003   -34.808338    -4.496136
-87.093727    -9.006149   -943.737245
 0.75000   -3.629003   -34.383423    -4.496136
-86.060763    -8.622144   -950.155039
 1.00000   -3.629003   -34.005067    -4.496136
-85.114144    -8.968638   -956.566919
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1271

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-2 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   11.063346   253.148903     5.169459
747.133739    19.193406    2294.823
 0.25000   11.063346   256.846185     5.169459
755.076478    19.915825    2116.623
 0.50000   11.063346   260.903891     5.169459
763.525274    21.379826    1943.098
 0.75000   11.063346   265.175532     5.169459
772.466449    23.575868    1784.672
 1.00000   11.063346   269.508273     5.169459
781.907788    26.239065    1634.773

 COMB DL-G1-2 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -9.614637  -107.646734    -4.348573
-207.213304   -24.389356    -1660.155
 0.25000   -9.614637  -103.703768    -4.348573
-198.471032   -26.991993    -1670.275
 0.50000   -9.614637   -99.856586    -4.348573
-190.362105   -30.225014    -1680.379
 0.75000   -9.614637   -96.265628    -4.348573
-182.873811   -34.017688    -1690.416
 1.00000   -9.614637   -93.096971    -4.348573
-176.011590   -38.493614    -1700.432

 COMB DL-G1-3 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   13.660464   381.067382     6.389291
640.942118   35.714232    3323.183
 0.25000   13.660464   405.976338     6.389291
635.934246   35.247224    3149.579
 0.50000   13.660464   433.331961     6.389291
631.282331   35.749673    2943.534
 0.75000   13.660464   462.124777     6.389291
626.973950   37.363598    2711.315
 1.00000   13.660464   491.329567     6.389291
622.998917   39.807972    2449.997

 COMB DL-G1-3 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -11.859400  -268.433252    -5.172948
-143.323897   -30.391527    -2251.917
 0.25000  -11.859400  -241.846458    -5.172948
-147.167411   -32.720983    -2264.440
 0.50000  -11.859400  -215.900521    -5.172948
-151.287189   -35.563455    -2276.959
 0.75000  -11.859400  -191.668402    -5.172948
-155.684730   -38.940964    -2289.410
 1.00000  -11.859400  -170.127233    -5.172948
-160.365880   -43.030991    -2301.898

 COMB DL-G1-4 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   13.957271   406.703566     6.164776
586.325912   38.003098    3606.427
 0.25000   13.957271   427.208763     6.164776
582.856888   37.992437    3392.704
 0.50000   13.957271   449.722641     6.164776
579.634276   39.253193    3156.005
 0.75000   13.957271   473.428096     6.164776
576.647289   41.709511    2909.469
 1.00000   13.957271   497.468429     6.164776
573.888227   45.243283    2648.183

 COMB DL-G1-4 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -10.986942  -254.447697    -6.187932
-359.102111   -31.584746    -2451.217
 0.25000  -10.986942  -232.562494    -6.187932
-361.679387   -33.269592    -2464.332
 0.50000  -10.986942  -211.204860    -6.187932
-364.446588   -35.462083    -2477.429
 0.75000  -10.986942  -191.274768    -6.187932
-367.405628   -38.241944    -2490.454
 1.00000  -10.986942  -173.525135    -6.187932
-370.560834   -41.893486    -2503.488
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1272

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-1 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    3.235092   163.928597     5.055705
225.508780    17.281149    1352.088
 0.25000    3.235092   177.864068     5.055705
245.678450    14.864305    1296.252
 0.50000    3.235092   193.158066     5.055705
267.125990    12.732367    1222.998
 0.75000    3.235092   209.284254     5.055705
289.851989    10.899100    1138.399
 1.00000    3.235092   225.626763     5.055705
313.831450     9.449789    1038.251

 COMB DL-G2-1 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -7.657620  -141.667551    -0.272666
-170.950625   -14.362625   -839.455159
 0.25000   -7.657620  -126.795059    -0.272666
-148.880960   -18.705171   -843.629466
 0.50000   -7.657620  -112.282470    -0.272666
-128.410320   -23.305342   -847.775706
 0.75000   -7.657620   -98.740288    -0.272666
-109.522125   -28.052674   -851.969486
 1.00000   -7.657620   -86.688654    -0.272666
-92.192596   -32.934149   -856.038404

 COMB DL-G2-2 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    7.901646   321.170044     6.451134
172.009972   36.918631    2658.228
 0.25000    7.901646   349.009037     6.451134
172.009972   34.467355    2551.353
 0.50000    7.901646   379.623107     6.451134
172.009972   32.717336    2409.207
 0.75000    7.901646   411.821954     6.451134
172.009972   31.899884    2243.367
 1.00000    7.901646   444.479565     6.451134
172.009972   31.941951    2045.800

 COMB DL-G2-2 ----------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000  -10.059324  -280.952306    -2.821441
-156.279899   -22.320206    -1637.573
 0.25000  -10.059324  -251.221900    -2.821441
-156.279899   -26.059482    -1645.056
 0.50000  -10.059324  -222.208421    -2.821441
-156.279899   -29.954570    -1652.551
 0.75000  -10.059324  -195.134023    -2.821441
-156.279899   -34.072539    -1660.003
 1.00000  -10.059324  -171.015961    -2.821441
-156.279899   -38.483017    -1667.449

 COMB DL-G2-3 ----------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   10.742387   387.717694     7.260302
496.466094    38.131179    3366.756
 0.25000   10.742387   413.148719     7.260302
497.399347    37.227460    3194.400
```

```
 0.50000     10.742387    441.113092      7.260302
498.339733     37.060558     2989.233
 0.75000     10.742387    470.524953      7.260302
499.274918     37.792037     2764.821
 1.00000     10.742387    500.355930      7.260302
500.197830     39.379563     2515.586

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -11.222191  -280.140765    -3.912892
-197.799751   -29.695103    -2217.753
 0.25000   -11.222191  -252.983788    -3.912892
-197.794331   -34.070407    -2281.807
 0.50000   -11.222191  -226.481747    -3.912892
-197.794202   -39.154040    -2303.532
 0.75000   -11.222191  -201.750890    -3.912892
-197.794236   -44.486729    -2325.202
 1.00000   -11.222191  -179.718883    -3.912892
-197.794356   -50.097575    -2346.854
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1273

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.941474   404.202910     6.819233
451.230619    35.357053    3611.675
 0.25000     9.941474   425.705259     6.819233
451.230619    34.112487    3405.256
 0.50000     9.941474   449.351027     6.819233
451.230619    33.829916    3170.456
 0.75000     9.941474   474.220850     6.819233
451.230619    34.452010    2921.432
 1.00000     9.941474   499.445014     6.819233
451.230619    36.188520    2654.780

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.799398  -255.549828    -4.087885
-431.223850   -32.012324    -2445.057
 0.25000   -10.799398  -232.586586    -4.087885
-431.223850   -35.479906    -2501.961
 0.50000   -10.799398  -210.177086    -4.087885
-431.223850   -39.594659    -2523.600
 0.75000   -10.799398  -189.265297    -4.087885
-431.223850   -44.011499    -2545.228
 1.00000   -10.799398  -170.636930    -4.087885
-431.223850   -49.044976    -2566.798

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     2.406182   126.137166     2.107643
 79.210350     6.363383    1208.273
 0.25000     2.406182   126.676083     2.107643
 77.681077     5.141288    1109.035
 0.50000     2.406182   127.271727     2.107643
 76.262122     4.102145    1011.567
 0.75000     2.406182   127.898173     2.107643
 74.952263     3.207141     916.118369
 1.00000     2.406182   128.532957     2.107643
 73.749350     3.079508    823.626024

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -4.368402   -36.467416    -1.227380
-446.529583   -15.413213   -920.966259
 0.25000    -4.368402   -35.888849    -1.227380
-447.888024   -15.219819   -927.870583
 0.50000    -4.368402   -35.324324    -1.227380
-449.333944   -15.700339   -934.759851
 0.75000    -4.368402   -34.797405    -1.227380
-450.867327   -16.282020   -941.648990
 1.00000    -4.368402   -34.330610    -1.227380
-452.486797   -17.514837   -948.514719

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     6.896513   253.328093     3.324704
203.865908    21.318861    2306.229
 0.25000     6.896513   258.211274     3.324704
192.290451    20.674347    2133.749
 0.50000     6.896513   263.603704     3.324704
181.550534    20.540582    1962.771
 0.75000     6.896513   269.275434     3.324704
171.634755    21.174651    1804.816
 1.00000     6.896513   275.022592     3.324704
162.527608    23.108218    1653.691

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -6.306945  -114.308177    -4.052061
-691.197044   -21.739044    -1626.337
 0.25000    -6.306945  -109.069107    -4.052061
-701.455719   -39.778481    -2501.961
 0.50000    -6.306945  -103.959646    -4.052061
-712.381454   -21.873586    -1650.484
 0.75000    -6.306945   -99.189975    -4.052061
-723.968210   -22.348776    -1670.053
 1.00000    -6.306945   -94.958665    -4.052061
-736.203465   -23.721672    -1682.212
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1274

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     8.875145   375.512716     5.823696
145.396793    35.411756    3280.684
 0.25000     8.875145   400.697602     5.823696
149.726523    32.559753    3112.953
 0.50000     8.875145   428.385296     5.823696
154.308494    30.379801    2911.112
 0.75000     8.875145   457.505718     5.823696
159.134188    29.204032    2682.769
 1.00000     8.875145   487.041319     5.823696
164.191895    29.547433    2425.045

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.516472  -267.879063    -3.637523
-582.902322   -29.614325    -2184.659
 0.25000   -10.516472  -240.991536    -3.637523
-578.809378   -31.186958    -2196.731
 0.50000   -10.516472  -214.752681    -3.637523
-575.015847   -32.974438    -2208.841
 0.75000   -10.516472  -190.272060    -3.637523
-571.530186   -35.110441    -2220.943
 1.00000   -10.516472  -168.448249    -3.637523
-568.352048   -38.203514    -2232.954

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.131651   405.646180     7.904445
388.935165    36.003939    3601.967
 0.25000     9.131651   426.346936     7.904445
391.848849    33.473844    3389.981
 0.50000     9.131651   449.106020     7.904445
394.927842    31.694452    3153.647
 0.75000     9.131651   473.042879     7.904445
398.164672    30.801259    2906.669
 1.00000     9.131651   497.320974     7.904445
401.552259    31.214148    2644.480

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.736747  -253.929423    -3.499818
-542.326481   -35.102019    -2461.919
 0.25000   -12.736747  -231.827926    -3.499818
-539.680039   -39.778481    -2498.219
 0.50000   -12.736747  -210.259591    -3.499818
-537.232565   -44.700318    -2518.562
 0.75000   -12.736747  -190.132602    -3.499818
-534.982371   -49.942625    -2538.876
 1.00000   -12.736747  -172.198487    -3.499818
-532.935947   -55.996613    -2559.121

 COMB     DB ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.042074   345.184812     6.104646
672.800681    38.898103    3633.408
 0.25000    10.042074   373.788888     6.104646
684.152458    37.195715    3467.351
 0.50000    10.042074   408.231686     6.104646
695.424112    37.073894    3298.011
 0.75000    10.042074   445.135814     6.104646
706.687910    39.122838    3129.833
 1.00000    10.042074   483.369726     6.104646
721.894598    42.490716    2947.682

 COMB     DB ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.675727  -317.533130    -5.090780
-627.465631   -19.307856    -1536.947
 0.25000    -9.675727  -275.747462    -5.090780
-641.577694   -24.170025    -1625.080
 0.50000    -9.675727  -235.825408    -5.090780
-655.552471   -29.149331    -1713.212
 0.75000    -9.675727  -199.083372    -5.090780
-669.487777   -34.2554505   -1801.344
 1.00000    -9.675727  -166.589481    -5.090780
-688.411433   -39.480529    -1889.476
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1275

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    13.957271   406.703566     7.904445
747.133739    38.131179    3611.675
 0.25000    13.957271   427.208763     7.904445
755.076478    37.992437    3405.256
 0.50000    13.957271   449.726911     7.904445
763.525274    39.253193    3170.456
 0.75000    13.957271   474.220850     7.904445
772.466449    41.709511    2921.432
 1.00000    13.957271   500.355930     7.904445
781.907788    45.243283    2654.780

 COMB     DL ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.736747  -280.952306    -6.187932
-691.197044   -35.102019    -2461.919
 0.25000   -12.736747  -252.983788    -6.187932
-701.455719   -39.778481    -2501.961
 0.50000   -12.736747  -226.481747    -6.187932
-712.381454   -44.700318    -2523.600
 0.75000   -12.736747  -201.750890    -6.187932
-723.968210   -49.942625    -2545.228
 1.00000   -12.736747  -179.718883    -6.187932
-736.203465   -55.996613    -2566.798

 COMB     CAR ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    13.957271   406.703566     7.904445
747.133739    38.898103    3633.408
 0.25000    13.957271   427.208763     7.904445
755.076478    37.992437    3467.351
 0.50000    13.957271   449.726911     7.904445
763.525274    39.253193    3298.011
 0.75000    13.957271   474.220850     7.904445
772.466449    41.709511    3129.833
 1.00000    13.957271   500.355930     7.904445
781.907788    45.243283    2947.682

 COMB     CAR ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.736747  -317.533130    -6.187932
-691.197044   -35.102019    -2461.919
 0.25000   -12.736747  -275.747462    -6.187932
-701.455719   -39.778481    -2501.961
 0.50000   -12.736747  -235.825408    -6.187932
-712.381454   -44.700318    -2523.600
 0.75000   -12.736747  -201.750890    -6.187932
-723.968210   -49.942625    -2545.228
 1.00000   -12.736747  -179.718883    -6.187932
-736.203465   -55.996613    -2566.798

 COMB  DESIGN ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    13.957271   406.703566     7.904445
747.133739    38.898103    3633.408
 0.25000    13.957271   427.208763     7.904445
755.076478    37.992437    3467.351
 0.50000    13.957271   449.726911     7.904445
763.525274    39.253193    3298.011
 0.75000    13.957271   474.220850     7.904445
772.466449    41.709511    3129.833
 1.00000    13.957271   500.355930     7.904445
781.907788    45.243283    2947.682

 COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.736747  -317.533130    -6.187932
-691.197044   -35.102019    -2461.919
 0.25000   -12.736747  -275.747462    -6.187932
-701.455719   -39.778481    -2501.961
 0.50000   -12.736747  -235.825408    -6.187932
-712.381454   -44.700318    -2523.600
 0.75000   -12.736747  -201.750890    -6.187932
-723.968210   -49.942625    -2545.228
 1.00000   -12.736747  -179.718883    -6.187932
-736.203465   -55.996613    -2566.798
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1276

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

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=     4.958128

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     4.736860   104.694028     0.713634
474.084586    12.918294    800.238104
 0.25000     4.736860   105.231301     0.713634
475.313449    14.976966    695.311110
 0.50000     4.736860   105.826364     0.713634
476.537852    17.212092    596.111802
 0.75000     4.736860   106.461597     0.713634
477.765446    19.726398    505.479064
 1.00000     4.736860   107.118718     0.713634
479.427239    22.591362    424.841788

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -3.114388   -25.424679    -3.141989
-67.640372    -3.189872   -716.539198
 0.25000    -3.114388   -24.775043    -3.141989
-65.982631    -3.261522   -747.282956
 0.50000    -3.114388   -24.157930    -3.141989
-64.763400    -4.131308   -778.027352
 0.75000    -3.114388   -23.590780    -3.141989
-63.561778    -5.006426   -808.861733
 1.00000    -3.114388   -23.090041    -3.141989
-62.369820    -5.885405   -839.707545

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     6.576172   235.515703     3.214181
784.562861    18.130302    1754.283
 0.25000     6.576172   240.900835     3.214181
795.653081    18.066719    1549.256
 0.50000     6.576172   246.865285     3.214181
806.704083    19.129377    1361.599
 0.75000     6.576172   253.232084     3.214181
817.784329    21.450328    1204.044
 1.00000     6.576172   259.815874     3.214181
832.780202    24.330577    1071.656

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -6.978959   -83.717678    -3.214271
-177.919584   -24.012114    -1279.466
 0.25000    -6.978959   -77.209187    -3.214271
-162.964349   -26.621379    -1338.902
 0.50000    -6.978959   -71.024339    -3.214271
-151.969004   -30.206286    -1398.354
 0.75000    -6.978959   -65.340112    -3.214271
-141.133760   -34.089947    -1457.957
 1.00000    -6.978959   -60.319158    -3.214271
-130.386609   -37.995996    -1517.571

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.423232   382.889209     5.092895
640.551214    33.069403    2699.150
 0.25000     9.423232   414.086346     5.092895
637.557752    31.316266    2502.761
 0.50000     9.423232   448.646657     5.092895
635.643946    30.946230    2282.530
 0.75000     9.423232   485.522998     5.092895
634.023570    31.944225    2042.966
 1.00000     9.423232   523.528485     5.092895
632.012222    33.925518    1780.871

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.191120   -259.502860    -3.343600
-91.442067   -25.410463    -1717.355
 0.25000    -9.191120   -221.936545    -3.343600
-91.442067   -28.588557    -1800.553
 0.50000    -9.191120   -186.133015    -3.343600
-91.442067   -32.654142    -1883.759
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1277

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000    -9.191120   -153.219482    -3.343600
-91.442067   -37.092315    -1967.243
 1.00000    -9.191120   -124.050795    -3.343600
-91.442067   -41.558614    -2050.736

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.790745   407.191326     4.868383
573.609227    37.914019    2936.762
 0.25000     9.790745   432.847580     4.868383
572.900971    37.708812    2681.907
 0.50000     9.790745   461.267793     4.868383
572.399986    38.832339    2424.320
 0.75000     9.790745   491.593083     4.868383
572.399986    41.082958    2172.745
 1.00000     9.790745   522.847435     4.868383
572.399986    44.135206    1917.488

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -8.602810   -234.117566    -3.937165
-344.810604   -26.485483    -1889.489
 0.25000    -8.602810   -203.224305    -3.937165
-344.810604   -29.563992    -1980.986
 0.50000    -8.602810   -173.780398    -3.937165
-344.810604   -33.375455    -2072.492
 0.75000    -8.602810   -146.714711    -3.937165
-344.810604   -37.506595    -2164.239
 1.00000    -8.602810   -122.727895    -3.937165
-344.810604   -41.649431    -2256.010

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     3.108626   179.742187     3.452280
256.663901    18.130302    1754.283
 0.25000     3.108626   196.793361     3.452280
277.495904     6.089577    1156.311
 0.50000     3.108626   215.679782     3.452280
298.068481     3.541969    1071.264
 0.75000     3.108626   235.837003     3.452280
318.700817     1.879509    979.819110
 1.00000     3.108626   256.653873     3.452280
346.578593     0.741166    875.798984

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -4.734142   -137.326477    -0.188716
-157.598746   -23.110750   -653.892605
 0.25000    -4.734142   -116.751282    -0.188716
-129.848586   -26.754271   -688.033124
 0.50000    -4.734142    -97.174088    -0.188716
-109.497325   -30.401626   -722.194023
 0.75000    -4.734142    -79.180194    -0.188716
-89.460658   -34.052090   -756.471972
 1.00000    -4.734142    -63.258473    -0.188716
-69.596836   -37.702336   -790.749940

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     6.965161   349.848822     5.417326
175.328036    31.010783    2397.171
 0.25000     6.965161   383.913972     5.417326
175.328036    27.724082    2258.536
 0.50000     6.965161   421.648300     5.417326
175.328036    26.074381    2096.545
 0.75000     6.965161   461.912238     5.417326
175.328036    25.737029    1918.490
 1.00000     6.965161   503.409907     5.417326
175.328036    26.216635    1712.944

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.726894   -272.834984    -1.575256
-152.172588   -27.051867    -1260.595
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1278

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000    -7.726894   -231.816726    -1.575256
-152.172588   -31.243843    -1326.231
 0.50000    -7.726894   -192.722938    -1.575256
-152.172588   -35.490154    -1391.878
 0.75000    -7.726894   -156.786958    -1.575256
-152.172588   -39.783530    -1457.760
 1.00000    -7.726894   -124.938859    -1.575256
-152.172588   -44.085069    -1523.654

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     8.633630   401.761041     5.842208
517.651076    34.660892    2846.522
 0.25000     8.633630   432.763425     5.842208
517.665050    32.817235    2632.166
 0.50000     8.633630   467.103169     5.842208
517.738615    32.340805    2404.926
 0.75000     8.633630   503.745487     5.842208
517.838250    33.025125    2173.582
 1.00000     8.633630   541.511088     5.842208
517.851560    34.463916    1926.073

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -8.142413   -263.920978    -2.427807
-182.308530   -33.094991    -1703.486
 0.25000    -8.142413   -226.591603    -2.427807
-182.308530   -37.977991    -1788.513
 0.50000    -8.142413   -191.001919    -2.427807
-182.308530   -42.907347    -1873.547
 0.75000    -8.142413   -158.310472    -2.427807
-182.308530   -47.878455    -1958.825
 1.00000    -8.142413   -129.327093    -2.427807
-182.308530   -52.849416    -2044.116

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.939485   407.201586     5.307121
457.700923    31.677785    2947.779
 0.25000     7.939485   433.329542     5.307121
457.700923    30.515168    2694.504
 0.50000     7.939485   462.271758     5.307121
457.700923    30.505418    2437.085
 0.75000     7.939485   493.154183     5.307121
457.700923    31.504019    2185.077
 1.00000     7.939485   524.982879     5.307121
457.700923    33.172089    1926.474

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.701193   -234.916809    -2.437791
-432.118687   -33.627561    -1694.046
 0.25000    -7.701193   -203.455820    -2.437791
-432.118687   -38.055672    -1974.892
 0.50000    -7.701193   -173.470900    -2.437791
-432.118687   -42.526651    -2066.744
 0.75000    -7.701193   -145.908017    -2.437791
-432.118687   -47.036803    -2158.797
 1.00000    -7.701193   -121.480537    -2.437791
-432.118687   -51.557563    -2250.878

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     2.289912   108.559760     0.894048
 60.924320     2.721592    834.030134
 0.25000     2.289912   109.197357     0.894048
 58.885867     1.921100    724.434325
 0.50000     2.289912   109.906838     0.894048
 57.377206     1.719777    621.744339
 0.75000     2.289912   110.693550     0.894048
 55.887212     2.572580    528.126123
 1.00000     2.289912   111.440553     0.894048
 54.406901     3.425450    447.300686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                >
                                      1279

 F R A M E    E L E M E N T    I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -2.381710   -26.004293    -1.251572
-452.864582   -10.230287   -712.100121
 0.25000    -2.381710   -25.236394    -1.251572
-454.365917   -14.071426   -742.967310
 0.50000    -2.381710   -24.502081    -1.251572
-455.859181   -11.282181   -773.834511
 0.75000    -2.381710   -23.826945    -1.251572
-457.355253   -11.818385   -804.704444
 1.00000    -2.381710   -23.231446    -1.251572
-459.388811   -12.359571   -835.622020

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     5.114001   240.241936     2.201910
187.915436    19.086510    1790.740
 0.25000     5.114001   247.065607     2.201910
169.017141    19.768419    1588.971
 0.50000     5.114001   254.653936     2.201910
155.023884    21.773135    1403.063
 0.75000     5.114001   262.747901     2.201910
141.201592    24.908733    1244.114
 1.00000     5.114001   271.063082     2.201910
127.467535    28.046505    1107.008

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -4.336320   -92.771887    -2.966593
-727.171369   -16.496130    -1253.130
 0.25000    -4.336320   -84.553950    -2.966593
-741.081989   -17.662791    -1311.446
 0.50000    -4.336320   -76.698980    -2.966593
-754.917238   -18.840868    -1369.762
 0.75000    -4.336320   -69.477226    -2.966593
-768.777743   -20.025360    -1428.133
 1.00000    -4.336320   -63.103239    -2.966593
-787.623737   -21.222277    -1486.571

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.772278   384.016628     4.623970
106.703628    28.191984    2711.374
 0.25000     7.772278   415.491682     4.623970
107.285241    25.189400    2514.788
 0.50000     7.772278   450.353646     4.623970
107.924814    23.813670    2295.196
 0.75000     7.772278   487.553568     4.623970
108.592119    24.016991    2056.612
 1.00000     7.772278   525.894225     4.623970
109.294976    25.032104    1794.942

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.352926   -261.001098    -2.275868
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-574.149607  -25.021173  -1688.134
 0.25000     -7.352926  -223.103261   -2.275868
-574.149607  -27.994495  -1770.107
 0.50000     -7.352926  -186.983993   -2.275868
-574.149607  -31.027737  -1852.083
 0.75000     -7.352926  -153.783021   -2.275868
-574.149607  -34.093622  -1934.251
 1.00000     -7.352926  -124.358644   -2.275868
-574.149607  -37.168128  -2016.472

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     7.856098   407.146478    5.813334
376.007822   27.443594  2937.021
 0.25000     7.856098   432.921418    5.813334
376.007821   24.598612  2681.933
 0.50000     7.856098   461.472303    5.813334
376.007821   23.562046  2423.975
 0.75000     7.856098   491.937244    5.813334
376.007821   24.130743  2171.697
 1.00000     7.856098   523.335742    5.813334
376.007821   25.417438  1914.835
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1280

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -8.944100  -234.084602   -2.259287
-521.367557  -38.606896  -1880.286
 0.25000    -8.944100  -203.048831   -2.259287
-521.367557  -43.520029  -1971.563
 0.50000    -8.944100  -173.469222   -2.259287
-521.367557  -48.481901  -2062.847
 0.75000    -8.944100  -146.276979   -2.259287
-521.367557  -53.481610  -2154.316
 1.00000    -8.944100  -122.181735   -2.259287
-521.367557  -58.492848  -2245.829

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     9.462248   149.438099    0.889497
579.375946   17.760781  799.148889
 0.25000     9.462248   149.890218    0.889497
580.468297   22.120491  664.945075
 0.50000     9.462248   150.383423    0.889497
581.634029   26.794657  539.824823
 0.75000     9.462248   150.901126    0.889497
582.874013   31.651340  455.936162
 1.00000     9.462248   151.425700    0.889497
584.188479   36.732212  391.465405

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -3.439334   -33.993649   -4.595346
-139.507735   -5.367839  -956.325828
 0.25000    -3.439334   -33.549132   -4.595346
-138.342809   -5.584300  -957.113074
 0.50000    -3.439334   -33.117149   -4.595346
-137.256984   -6.342727  -967.873233
 0.75000    -3.439334   -32.714984   -4.595346
-136.248363   -7.184147  -1027.905
 1.00000    -3.439334   -32.358852   -4.595346
-135.318188   -8.088468  -1110.906

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    10.886201   307.542844    4.823706
914.097954   19.403904  1632.037
 0.25000    10.886201   311.363484    4.823706
922.026997   21.508035  1380.110
 0.50000    10.886201   315.530448    4.823706
930.497986   24.654098  1145.720
 0.75000    10.886201   319.905792    4.823706
939.500820   28.805982  1000.316
 1.00000    10.886201   324.337236    4.823706
949.032474   33.478113  897.585785

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -9.385292   -94.111388   -4.446976
-272.230564  -18.817220  -1069.056
 0.25000    -9.385292   -90.354781   -4.446976
-263.800149  -37.639586  -1708.519
 0.50000    -9.385292   -86.703966   -4.446976
-255.931229  -42.439197  -1735.758
 0.75000    -9.385292   -83.306067   -4.446976
-248.625336  -47.798972  -1857.645
 1.00000    -9.385292   -80.296461   -4.446976
-241.906912  -53.338401  -2023.134

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    13.236890   462.093722    6.863796
782.380935   32.650980  2447.752
 0.25000    13.236890   487.836319    6.863796
777.254018   32.795354  2165.048
 0.50000    13.236890   515.907508    6.863796
772.454985   34.196767  1868.456
 0.75000    13.236890   545.387603    6.863796
767.974864   36.889631  1650.376
 1.00000    13.236890   575.254056    6.863796
763.806983   40.460703  1454.763
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1281

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -11.358082  -238.717001   -4.618796
-201.874082  -38.340950  -2301.646
 0.25000   -11.358082  -213.382216   -4.618796
-205.758895  -42.727403  -2320.187
 0.50000   -11.358082  -188.765163   -4.618796
-209.967507  -48.044094  -2364.284
 0.75000   -11.358082  -165.859022   -4.618796
-214.505729  -53.960889  -2542.683
 1.00000   -11.358082  -145.566777   -4.618796
-219.386799  -60.280509  -2785.528

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    13.594646   494.788639    6.563669
721.187067   38.874806  2647.297
 0.25000    13.594646   515.980130    6.563669
717.600009   40.021626  2315.128
 0.50000    13.594646   539.087389    6.563669
714.240761   42.510035  1978.838
 0.75000    13.594646   563.354608    6.563669
711.100608   46.174079  1745.837
 1.00000    13.594646   587.939557    6.563669
708.175751   50.672714  1553.114

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.514282  -224.173004   -5.226740
-457.520770  -37.794308  -2503.474
 0.25000   -10.514282  -203.318386   -5.226740
-460.132904  -41.679362  -2522.174
 0.50000   -10.514282  -183.054632   -5.226740
-462.970676  -46.622554  -2567.814
 0.75000   -10.514282  -164.199174   -5.226740
-466.040626  -52.161511  -2759.271
 1.00000   -10.514282  -147.494444   -5.226740
-469.350268  -58.161210  -3020.056

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     2.989507   198.850133    5.149321
265.037878   7.653733   1037.623
 0.25000     2.989507   213.258454    5.149321
285.174401   4.921884   935.959091
 0.50000     2.989507   228.988572    5.149321
306.664552   2.747197   824.068902
 0.75000     2.989507   245.486553    5.149321
329.515436   1.381737   742.940352
 1.00000     2.989507   262.195423    5.149321
353.695572   0.584536   667.655060

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -7.478475  -123.866494   -0.194914
-175.357761  -32.285425  -855.953957
 0.25000    -7.478475  -109.697870   -0.194914
-154.106199  -36.866872  -867.225037
 0.50000    -7.478475   -95.925157   -0.194914
-134.287471  -41.796417  -888.872761
 0.75000    -7.478475   -83.111295   -0.194914
-115.924129  -47.115087  -964.114156
 1.00000    -7.478475   -71.757665   -0.194914
-98.999546   -52.748576  -1065.582

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     7.461628   389.422001    7.135466
200.941956   29.329468  2045.841
 0.25000     7.461628   418.212166    7.135466
200.941956   26.420322  1849.388
 0.50000     7.461628   449.608607    7.135466
200.941956   24.517252  1630.696
 0.75000     7.461628   482.576093    7.135466
200.941956   23.842021  1470.499
 1.00000     7.461628   515.975362    7.135466
200.941956   24.005034  1320.598
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1282

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -9.641254  -245.892398   -1.683676
-180.094345  -37.350796  -1667.537
 0.25000    -9.641254  -217.561895   -1.683676
-180.094345  -42.357737  -1688.843
 0.50000    -9.641254  -190.041524   -1.683676
-180.094345  -47.817136  -1729.462
 0.75000    -9.641254  -164.419663   -1.683676
-180.094345  -53.708351  -1874.546
 1.00000    -9.641254  -141.721139   -1.683676
-180.094345  -60.038838  -2071.208

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    10.349749   472.010681    7.485540
608.502501   33.422069  2514.247
 0.25000    10.349749   498.310768    7.485540
609.276624   32.167317  2229.466
 0.50000    10.349749   526.989828    7.485540
610.043386   31.748522  1929.993
 0.75000    10.349749   557.104013    7.485540
610.794048   32.344450  1716.041
 1.00000    10.349749   587.612650    7.485540
611.519956   33.713073  1529.730

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.825294  -246.317464   -2.738261
-260.761443  -46.767950  -2346.745
 0.25000   -10.825294  -220.439183   -2.738261
-260.761643  -52.474001  -2414.285
 0.50000   -10.825294  -195.301006   -2.738261
-260.761643  -58.540457  -2471.038
 0.75000   -10.825294  -171.896898   -2.738261
-260.761643  -64.966571  -2652.616
 1.00000   -10.825294  -151.161575   -2.738261
-260.761643  -71.809520  -2893.905

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     9.557658   492.945417    6.916268
568.519788   30.828897  2654.906
 0.25000     9.557658   515.182433    6.916268
568.519788   30.093647  2328.768
 0.50000     9.557658   539.432492    6.916268
568.519788   30.462784  1993.686
 0.75000     9.557658   564.895997    6.916268
568.519788   31.867341  1756.168
 1.00000     9.557658   590.693004    6.916268
568.519788   34.062134  1557.200

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.416374  -225.465228   -3.196313
-544.842791  -49.163757  -2566.918
 0.25000   -10.416374  -203.583246   -3.196313
-544.842791  -50.906767  -2624.593
 0.50000   -10.416374  -182.326995   -3.196313
-544.842791  -56.436330  -2678.516
 0.75000   -10.416374  -162.537121   -3.196313
-544.842791  -62.408184  -2869.838
 1.00000   -10.416374  -145.005180   -3.196313
-544.842791  -68.847478  -3126.463

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     2.230919   152.386529    1.380544
113.241487   2.877011   825.694234
 0.25000     2.230919   152.943921    1.380544
111.751366   2.025005   689.507261
 0.50000     2.230919   153.555057    1.380544
110.362751   2.160540   560.562054
 0.75000     2.230919   154.195749    1.380544
109.073718   3.047787   472.138944
 1.00000     2.230919   154.845114    1.380544
107.883003   4.216095   404.462409
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1283

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -4.208394   -34.300589   -1.725291
-544.159428  -17.847612  -948.825829
 0.25000    -4.208394   -33.749542   -1.725291
-545.517658  -17.143907  -950.444665
 0.50000    -4.208394   -33.213763   -1.725291
-546.971365  -17.442957  -959.884139
 0.75000    -4.208394   -32.715391   -1.725291
-548.519873  -18.026786  -1018.305
 1.00000    -4.208394   -32.276055   -1.725291
-550.163201  -18.898224  -1100.575

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     6.669308   307.450657    2.923509
245.515556   22.343053  1656.584
 0.25000     6.669308   312.504269    2.923509
234.225480   22.703416  1409.790
 0.50000     6.669308   318.033668    2.923509
223.709772   24.564982  1175.792
 0.75000     6.669308   323.834409    2.923509
213.944360   27.299657  1026.211
 1.00000     6.669308   329.711289    2.923509
204.926736   30.505589  917.959130

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -6.012302   -99.907927   -3.650298
-831.295791  -23.665079  -1692.722
 0.25000    -6.012302   -94.919119   -3.650298
-841.558187  -23.593691  -1694.264
 0.50000    -6.012302   -90.069110   -3.650298
-852.540338  -24.675090  -1720.461
 0.75000    -6.012302   -85.556705   -3.650298
-864.242647  -26.183341  -1836.275
 1.00000    -6.012302   -81.575981   -3.650298
-876.669074  -28.152766  -1995.724

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     8.371145   455.127928    6.115036
191.538596   27.634823  2427.378
 0.25000     8.371145   481.174044    6.115036
195.822714   24.908639  2151.543
 0.50000     8.371145   509.569466    6.115036
200.348178   23.878752  1858.884
 0.75000     8.371145   539.386018    6.115036
205.105266   24.137125  1640.826
 1.00000     8.371145   569.593259    6.115036
210.083985   25.443477  1444.523

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -10.004746  -238.027355   -3.054955
-702.068638  -37.659177  -2233.400
 0.25000   -10.004746  -212.405723   -3.054955
-698.369850  -39.981596  -2251.589
 0.50000   -10.004746  -187.517192   -3.054955
-694.938123  -43.436275  -2292.299
 0.75000   -10.004746  -164.345119   -3.054955
-691.785045  -47.458114  -2463.466
 1.00000   -10.004746  -143.811674   -3.054955
-688.912805  -52.177615  -2699.222

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     8.682829   493.688977    7.666507
488.803730   27.030546  2645.492
 0.25000     8.682829   515.097513    7.666507
491.679864   24.678470  2314.692
 0.50000     8.682829   538.432523    7.666507
494.709878   23.989690  1978.436
 0.75000     8.682829   562.947253    7.666507
497.885433   24.632047  1743.409
 1.00000     8.682829   587.777301    7.666507
501.196712   26.160460  1548.190
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1284

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -12.316016  -223.812987   -2.959675
-666.105355  -54.043873  -2559.346
 0.25000   -12.316016  -202.752075   -2.959675
-663.761649  -58.883155  -2592.460
 0.50000   -12.316016  -182.293706   -2.959675
-661.594895  -64.790359  -2643.726
 0.75000   -12.316016  -163.246351   -2.959675
-659.605563  -71.764625  -2823.718
 1.00000   -12.316016  -146.368930   -2.959675
-658.039869  -78.346418  -3090.615

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     9.790745   407.201586    5.842208
784.562861   37.914019  2947.779
 0.25000     9.790745   433.329542    5.842208
795.653081   37.708812  2694.504
 0.50000     9.790745   467.103169    5.842208
806.704083   38.832339  2437.085
 0.75000     9.790745   503.745487    5.842208
817.784329   41.082958  2185.077
 1.00000     9.790745   541.511088    5.842208
832.780202   44.135206  1926.474

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -9.191120  -272.834984   -3.937165
-727.171369  -38.606896  -1889.489
 0.25000    -9.191120  -231.816726   -3.937165
-741.081989  -43.520029  -1960.986
 0.50000    -9.191120  -192.722938   -3.937165
-754.917238  -48.481901  -2072.492
 0.75000    -9.191120  -158.310472   -3.937165
-768.777743  -53.481610  -2164.239
 1.00000    -9.191120  -129.327093   -3.937165
-787.623737  -58.492848  -2256.010

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    13.594646   494.788639    7.666507
914.097954   38.874806  2654.906
 0.25000    13.594646   515.980130    7.666507
922.026997   40.021626  2328.768
 0.50000    13.594646   539.432492    7.666507
930.497986   42.510035  1993.686
 0.75000    13.594646   564.895997    7.666507
939.500820   46.174079  1756.168
 1.00000    13.594646   590.693004    7.666507
949.032474   50.672714  1557.200

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -12.316016  -246.317464   -5.226740
-831.295791  -54.043873  -2566.918
 0.25000   -12.316016  -220.439183   -5.226740
-841.558187  -58.883155  -2624.593
 0.50000   -12.316016  -195.301006   -5.226740
-852.540338  -64.790359  -2678.516
 0.75000   -12.316016  -171.896898   -5.226740
-864.242647  -71.276981  -2869.838
 1.00000   -12.316016  -151.161575   -5.226740
-876.669074  -78.346418  -3126.463

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    13.594646   494.788639    7.666507
914.097954   38.874806  2947.779
 0.25000    13.594646   515.980130    7.666507
922.026997   40.021626  2694.504
 0.50000    13.594646   539.432492    7.666507
930.497986   42.510035  2437.085
 0.75000    13.594646   564.895997    7.666507
939.500820   46.174079  2185.077
 1.00000    13.594646   590.693004    7.666507
949.032474   50.672714  1926.474
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1285

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -12.316016  -272.834984   -5.226740
-831.295791  -54.043873  -2566.918
 0.25000   -12.316016  -231.816726   -5.226740
-841.558187  -58.883155  -2624.593
 0.50000   -12.316016  -195.301006   -5.226740
-852.540338  -64.790359  -2678.516
 0.75000   -12.316016  -171.896898   -5.226740
-864.242647  -71.276981  -2869.838
 1.00000   -12.316016  -151.161575   -5.226740
-876.669074  -78.346418  -3126.463

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    13.594646   494.788639    7.666507
914.097954   38.874806  2947.779
 0.25000    13.594646   515.980130    7.666507
922.026997   40.021626  2694.504
 0.50000    13.594646   539.432492    7.666507
930.497986   42.510035  2437.085
 0.75000    13.594646   564.895997    7.666507
939.500820   46.174079  2185.077
 1.00000    13.594646   590.693004    7.666507
949.032474   50.672714  1926.474

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -12.316016  -272.834984   -5.226740
-831.295791  -54.043873  -2566.918
 0.25000   -12.316016  -231.816726   -5.226740
-841.558187  -58.883155  -2624.593
 0.50000   -12.316016  -195.301006   -5.226740
-852.540338  -64.790359  -2678.516
 0.75000   -12.316016  -171.896898   -5.226740
-864.242647  -71.276981  -2869.838
 1.00000   -12.316016  -151.161575   -5.226740
-876.669074  -78.346418  -3126.463

 ELEM      98 ================== LENGTH
=    4.957870

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     4.805158   113.575830    3.324782
486.505684   19.389765  423.298043
 0.25000     4.805158   114.142178    3.324782
487.746260   16.631056  316.514321
 0.50000     4.805158   114.764625    3.324782
488.967415   13.950922  219.557996
 0.75000     4.805158   115.425095    3.324782
490.178741   11.523251  151.124589
 1.00000     4.805158   116.105756    3.324782
491.820858    9.465847  174.128022

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -2.934719   -24.616088   -0.289618
-190.945682   -3.160696  -839.192992
 0.25000    -2.934719   -23.980767   -0.289618
-189.326201   -3.601656  -860.127387
 0.50000    -2.934719   -23.378209   -0.289618
-188.099174   -5.991420  -881.354537
 0.75000    -2.934719   -22.828511   -0.289618
-186.907973   -8.891115  -903.090055
 1.00000    -2.934719   -22.422843   -0.289618
-185.887850  -12.102857  -924.844159

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     6.525210   272.673531    3.512882
809.295552   20.295331  1069.253
 0.25000     6.525210   278.352747    3.512882
820.480552   17.488875  824.908110
 0.50000     6.525210   284.594301    3.512882
831.490913   14.937071  603.383273
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1286

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -6.843952   -64.528105   -8.774855
-334.568556   -4.610442  -1516.828
 0.25000    -6.843952   -58.162582   -8.774855
-319.970806   -26.578054  -1576.086
 0.50000    -6.843952   -52.119726   -8.774855
-308.916012   -20.821028  -1635.732
 0.75000    -6.843952   -46.606895   -8.774855
-298.182399   -20.024875  -1696.070
 1.00000    -6.843952   -42.552315   -8.774855
-288.989098   -22.371488  -1756.893

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     9.114680   455.378529    4.798936
659.461292   29.178098  1778.957
 0.25000     9.114680   488.423073    4.798936
657.281514   24.990878  1494.587
 0.50000     9.114680   524.731368    4.798936
655.152843   21.080246  1188.331
 0.75000     9.114680   563.229834    4.798936
653.730933   19.389951  870.961404
 1.00000     9.114680   602.774598    4.798936
653.730933   21.091461  654.100668

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    -8.724102   -195.680435   -5.595710
-234.018379  -37.881448  -2050.156
 0.25000    -8.724102   -158.926674   -5.595710
-234.018379  -34.272791  -2148.099
 0.50000    -8.724102   -123.735067   -5.595710
-234.018379  -32.101273  -2247.154
 0.75000    -8.724102   -91.624643   -5.595710
-234.018379  -33.041104  -2347.563
 1.00000    -8.724102   -68.755054   -5.595710
-234.151072  -35.900547  -2449.383

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000     9.565820   485.386394    8.686259
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```
 636.696830   40.193223    1916.726
   0.25000    9.565820  512.560352    8.686259
 636.668296   31.210818    1566.637
   0.50000    9.565820  542.416277    8.686259
 636.668296   22.734075    1218.615
   0.75000    9.565820  574.072991    8.686259
 636.668296   17.729838  879.394409
   1.00000    9.565820  606.592049    8.686259
 636.668296   19.470516  680.567727

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -8.186681 -175.778077   -5.181852
-472.046177  -38.062833   -2255.815
   0.25000   -8.186681 -145.555166   -5.181852
-472.046177  -34.672125   -2362.859
   0.50000   -8.186681 -116.617714   -5.181852
-472.046177  -32.718680   -2470.937
   0.75000   -8.186681  -90.210561   -5.181852
-472.046177  -34.056589   -2580.194
   1.00000   -8.186681  -71.398951   -5.181852
-472.046177  -38.994849   -2690.656

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    2.865323  220.208116    0.237477
268.453918   0.289659  875.136644
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1287

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
   0.25000    2.865323  238.221899    0.237477
289.115604   0.725304  747.307771
   0.50000    2.865323  258.016850    0.237477
309.458060   2.132085  606.752355
   0.75000    2.865323  279.013951    0.237477
329.623421   6.855662  456.747420
   1.00000    2.865323  300.620353    0.237477
356.968366  16.334208  310.998292

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -4.590227  -98.474886   -9.380749
-165.866179  -37.599931 -790.604834
   0.25000   -4.590227  -78.347169   -9.380749
-138.941005  -28.255173 -839.877062
   0.50000   -4.590227  -59.173734   -9.380749
-118.622121  -19.824917 -889.845454
   0.75000   -4.590227  -41.680878   -9.380749
 -98.872388  -15.308784 -940.371736
   1.00000   -4.590227  -28.978032   -9.380749
 -81.952190  -13.359634 -991.556167

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    6.568620  429.733995    5.697432
191.602840   24.023717   1718.979
   0.25000    6.568620  465.813654    5.697432
191.602840   18.781373   1468.397
   0.50000    6.568620  505.453603    5.697432
191.602840   13.032373   1196.152
   0.75000    6.568620  547.484709    5.697432
191.602840   10.411556  901.252863
   1.00000    6.568620  590.660877    5.697432
191.602840   14.604775  609.167949

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -7.349675 -194.725828   -6.216323
-169.423444  -42.986063   -1523.724
   0.25000   -7.349675 -154.598384   -6.216323
-169.423444  -37.124425   -1618.981
   0.50000   -7.349675 -116.177982   -6.216323
-169.423444  -31.797383   -1715.622
   0.75000   -7.349675  -81.115899   -6.216323
-169.423444  -34.023490   -1813.414
   1.00000   -7.349675  -56.137353   -6.216323
-169.423444  -32.423835   -1912.551

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    8.324578  485.622507    6.675449
542.287465   30.577194   1924.909
   0.25000    8.324578  518.456487    6.675449
542.287462   24.151089   1603.532
   0.50000    8.324578  554.528662    6.675449
542.287462   18.252435   1269.324
   0.75000    8.324578  592.777452    6.675449
542.287462   15.186056  929.627582
   1.00000    8.324578  632.068589    6.675449
542.287462   18.355305  679.821847

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -7.708557 -194.527537   -8.960993
-289.048214  -51.945031   -2043.805
   0.25000   -7.708557 -158.004919   -8.960993
-289.048214  -42.424571   -2153.136
   0.50000   -7.708557 -123.042763   -8.960993
-289.048214  -33.810475   -2263.688
   0.75000   -7.708557  -91.143688   -8.960993
-289.048214  -34.987620   -2375.276
   1.00000   -7.708557  -68.396570   -8.960993
-289.048214  -38.808278   -2488.074
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1288

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    7.600598  486.584035    6.918679
548.976791   30.042242   1926.541
   0.25000    7.600598  514.257119    6.918679
548.976791   22.982218   1574.084
   0.50000    7.600598  544.660945    6.918679
548.976791   16.757851   1220.758
   0.75000    7.600598  576.898787    6.918679
548.976791   15.228906  875.268560
   1.00000    7.600598  610.014891    6.918679
548.976791   18.446138  671.573220

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -7.349130 -177.703325   -8.405876
-529.020650  -50.314922   -2250.952
   0.25000   -7.349130 -146.925591   -8.405876
-529.020650  -41.258015   -2359.966
   0.50000   -7.349130 -117.457157   -8.405876
-529.020650  -32.930702   -2469.982
   0.75000   -7.349130  -90.564546   -8.405876
-529.020650  -32.676715   -2580.856
   1.00000   -7.349130  -71.406018   -8.405876
-529.020650  -34.546990   -2692.741

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    2.117347  117.679087    0.359706
166.630786   2.005434  448.999403
   0.25000    2.117347  118.357641    0.359706
164.609720   2.831928  335.379620
   0.50000    2.117347  119.106139    0.359706
163.065025   4.960111  232.540952
   0.75000    2.117347  119.899220    0.359706
161.569412   7.251476  149.701893
   1.00000    2.117347  120.711281    0.359706
160.289736   9.942232  171.239196

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -2.201989  -24.682798   -2.643866
-466.058639  -11.653552 -836.154754
   0.25000   -2.201989  -23.928545   -2.643866
-467.600194   -9.148335 -856.411946
   0.50000   -2.201989  -23.202958   -2.643866
-469.118252   -6.686092 -876.690316
   0.75000   -2.201989  -22.539328   -2.643866
-470.625481   -4.308122 -897.190067
   1.00000   -2.201989  -22.085736   -2.643866
-472.668101   -2.067087 -918.058144

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    4.971331  279.252825    7.239424
315.375634   27.796491   1109.456
   0.25000    4.971331  286.510098    7.239424
296.616477   19.177911   864.257958
   0.50000    4.971331  294.511124    7.239424
282.271636   13.571203  638.978811
   0.75000    4.971331  302.989537    7.239424
268.384707    9.611440  443.854033
   1.00000    4.971331  311.674635    7.239424
256.505730   12.335947  393.019290

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -4.021130  -69.776782   -2.724124
-749.649707  -19.858973 -1487.866
   0.25000   -4.021130  -61.711198   -2.724124
-763.948929  -17.513476  -1544.947
   0.50000   -4.021130  -53.948167   -2.724124
-778.035354  -15.783717  -1602.952
   0.75000   -4.021130  -46.863834   -2.724124
-792.020230  -15.497626  -1661.306
   1.00000   -4.021130  -41.982076   -2.724124
-810.973377  -17.462784  -1720.335
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1289

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    7.289416  457.013804    4.935669
227.087544   23.821671   1796.894
   0.25000    7.289416  490.347141    4.935669
227.087523   18.500312   1510.156
   0.50000    7.289416  526.966663    4.935669
227.087523   15.745144   1201.417
   0.75000    7.289416  565.796295    4.935669
227.095162   14.285872  875.061179
   1.00000    7.289416  605.684329    4.935669
227.095162   16.144122  649.258988

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -6.819684 -195.773892   -3.383407
-593.704072  -35.359103   -2017.151
   0.25000   -6.819684 -158.694976   -3.383407
-593.704072  -32.556751   -2113.024
   0.50000   -6.819684 -123.202479   -3.383407
-593.704072  -30.017231   -2210.010
   0.75000   -6.819684  -90.819967   -3.383407
-593.704072  -28.357784   -2308.021
   1.00000   -6.819684  -67.720532   -3.383407
-593.704072  -27.979840   -2407.510

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    7.438912  484.756619    4.931967
487.548592   22.843968   1915.633
   0.25000    7.438912  512.055540    4.931967
487.548592   18.088589   1565.551
   0.50000    7.438912  542.048006    4.931967
487.548592   15.547939   1215.232
   0.75000    7.438912  573.849777    4.931967
487.548592   15.714506  872.560165
   1.00000    7.438912  607.517683    4.931967
487.548592   22.705611  675.330286

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -8.546023 -175.909150   -10.142141
-593.971995  -57.110829   -2246.131
   0.25000   -8.546023 -145.547728   -10.142141
-593.971995  -45.994994   -2352.172
   0.50000   -8.546023 -116.478034   -10.142141
-593.971995  -35.277504   -2459.240
   0.75000   -8.546023  -89.948798   -10.142141
-593.971995  -31.235594   -2567.187
   1.00000   -8.546023  -71.048525   -10.142141
-593.971995  -31.463413   -2676.385

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    9.478922  155.954925    7.412808
610.295711   32.877066  389.896339
   0.25000    9.478922  156.451255    7.412808
611.412495   25.627472  318.452482
   0.50000    9.478922  156.988450    7.412808
612.580535   19.346139  267.024842
   0.75000    9.478922  157.549495    7.412808
613.828707   14.008011  238.438719
   1.00000    9.478922  158.116949    7.412808
615.129894   10.052916  247.446936

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -3.259837  -36.720576   -0.367632
-296.846490   -4.363883   -1111.109
   0.25000   -3.259837  -36.299464   -0.367632
-295.681269   -5.484321   -1196.289
   0.50000   -3.259837  -35.893241   -0.367632
-294.606387   -8.195273   -1302.255
   0.75000   -3.259837  -35.519653   -0.367632
-293.623298  -11.904355   -1429.407
   1.00000   -3.259837  -35.193968   -0.367632
-292.727629  -16.963310   -1575.362
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1290

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   10.769728  361.485507    6.488077
977.258433   28.599945  895.307124
   0.25000   10.769728  365.682760    6.488077
985.355635   23.024013  732.295624
   0.50000   10.769728  370.224935    6.488077
993.901748   18.641654  609.325125
   0.75000   10.769728  374.969583    6.488077
  1002.886   18.053213  540.253566
   1.00000   10.769728  379.768276    6.488077
  1012.317   22.945602  536.388670

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -9.205047  -78.834543   -10.125818
-479.970167  -49.375685   -2023.546
   0.25000   -9.205047  -75.277186   -10.125818
-471.526277  -39.755299   -2230.321
   0.50000   -9.205047  -71.844752   -10.125818
-463.745047  -31.984554   -2479.749
   0.75000   -9.205047  -68.687770   -10.125818
-456.631952  -26.882768   -2727.591
   1.00000   -9.205047  -65.935440   -10.125818
-450.157983  -30.478092   -3104.702

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   12.874265  572.361074    7.675338
834.180019   35.558036   1452.878
   0.25000   12.874265  600.742250    7.675338
828.710037   29.087218   1271.169
   0.50000   12.874265  631.477648    7.675338
823.633488   23.609771   1106.220
   0.75000   12.874265  663.566035    7.675338
818.954235   20.759045   968.781229
   1.00000   12.874265  696.005070    7.675338
814.677895   21.707473   877.996740

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000  -10.902147 -194.571653   -6.840478
-383.374040  -56.579237   -2785.849
   0.25000  -10.902147 -170.560441   -6.840478
-387.664895  -51.768924   -3121.867
   0.50000  -10.902147 -147.385894   -6.840478
-392.285390  -48.344121   -3518.422
   0.75000  -10.902147 -126.103073   -6.840478
-397.221207  -48.125515   -3975.041
   1.00000  -10.902147 -107.546402   -6.840478
-402.461747  -51.176948   -4498.465

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   13.298528  614.927741   11.444995
825.063927   46.039878   1552.294
   0.25000   13.298528  638.291783   11.444995
821.198732   35.060769   1324.819
   0.50000   13.298528  663.590955   11.444995
817.606477   25.662956   1134.204
   0.75000   13.298528  690.003797   11.444995
814.293265   20.136011   989.512942
   1.00000   13.298528  716.712183   11.444995
811.263027   21.175633   909.721181

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000  -10.094298 -181.361791   -6.454566
-632.089285  -54.653304   -2820.198
   0.25000  -10.094298 -161.596891   -6.454566
-635.017452  -50.201076   -3379.012
   0.50000  -10.094298 -142.520679   -6.454566
-638.184841  -47.556972   -3804.663
   0.75000  -10.094298 -125.001624   -6.454566
-641.579109  -49.105711   -4296.430
   1.00000  -10.094298 -109.725736   -6.454566
-645.190111  -56.070642   -4860.913
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1291

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    2.748439  263.041197    0.259743
291.998976   0.262621  667.180700
   0.25000    2.748439  278.903919    0.259743
312.507970   0.720640  591.390352
   0.50000    2.748439  296.052693    0.259743
334.133156   1.851515  517.950327
   0.75000    2.748439  313.960272    0.259743
356.881891   5.704947  454.070712
   1.00000    2.748439  332.075008    0.259743
380.706342   13.665811  399.883418

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -7.374079  -94.444436   -10.543287
-202.357503  -53.258701   -1065.746
   0.25000   -7.374079  -81.024773   -10.543287
-181.141764  -41.754729   -1223.027
   0.50000   -7.374079  -68.074868   -10.543287
-161.631314  -30.921339   -1405.482
   0.75000   -7.374079  -56.162209   -10.543287
-143.744766  -23.308855   -1612.202
   1.00000   -7.374079  -45.777324   -10.543287
-127.494635  -19.089433   -1849.282

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    7.043951  517.165638    5.956388
232.792693   23.194787   1720.609
   0.25000    7.043951  548.904495    5.956388
232.792693   17.236040   1171.182
   0.50000    7.043951  583.266755    5.956388
232.792693   12.205300   1025.244
   0.75000    7.043951  619.141568    5.956388
232.792693   10.152431  896.791222
   1.00000    7.043951  655.425422    5.956388
232.792693   14.013078  786.313419

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -9.264927  -186.311303   -6.669653
-210.343776  -60.202080   -2071.228
   0.25000   -9.264912  -159.463527   -6.669653
-210.343776  -53.644948   -2378.468
   0.50000   -9.264912  -133.555705   -6.669653
-210.343776  -47.672650   -2735.435
   0.75000   -9.264912  -109.751647   -6.669653
-210.343776  -45.297054   -3140.452
   1.00000   -9.264912  -88.995258   -6.669653
-210.343776  -47.536724   -3605.278

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    9.996013  604.382609    7.567840
667.588847   29.188171   1528.611
   0.25000    9.996013  633.374442    7.567840
668.228502   23.088201   1328.936
   0.50000    9.996013  664.760712    7.567840
668.868158   18.076339   1146.781
   0.75000    9.996013  697.528518    7.567840
669.507813   15.812740   999.112849
   1.00000    9.996013  730.669935    7.567840
670.147469   20.509701   897.203926

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000  -10.475376  -194.349755   -9.301364
-403.708453  -69.387289   -2893.770
   0.25000  -10.475376  -169.825134   -9.301364
-403.708453  -61.005855   -3241.319
   0.50000  -10.475376  -146.160136   -9.301364
-403.708453  -53.270968   -3648.292
   0.75000  -10.475376  -124.457629   -9.301364
-403.708453  -51.144373   -4114.249
   1.00000  -10.475376  -105.455734   -9.301364
-403.708453  -55.168594   -4648.108
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1292

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    9.236197  616.241277    7.441635
704.873896   29.458393   1557.237
   0.25000    9.236197  640.755811    7.441635
704.873896   23.295788   1335.393
   0.50000    9.236197  667.296616    7.441635
704.873896   18.185479   1139.993
   0.75000    9.236197  695.005690    7.441635
704.873896   16.833399  988.477306
   1.00000    9.236197  723.030700    7.441635
704.873896   21.559437  898.606170

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000  -10.077205 -183.313532   -9.195744
-685.700714  -66.010562   -3126.208
   0.25000  -10.077205 -162.575886   -9.195744
-685.700714  -57.587531   -3479.321
   0.50000  -10.077205 -142.565141   -9.195744
-685.700714  -49.801067   -3896.668
   0.75000  -10.077205 -124.179305   -9.195744
-685.700714  -47.116849   -4378.578
   1.00000  -10.077205 -108.147436   -9.195744
-685.700714  -50.061125   -4931.420

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    2.046544  158.934103    0.440410
251.721043   2.447529  406.090383
   0.25000    2.046544  159.551419    0.440410
250.215844   3.747675  329.363450
   0.50000    2.046544  160.221893    0.440410
248.828005   6.269583  272.757602
   0.75000    2.046544  160.922662    0.440410
247.556062   9.633673  239.194363
   1.00000    2.046544  161.630759    0.440410
246.397374  13.839812  242.918781

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -4.064156  -36.028567   -5.245247
-575.435848  -17.839096   -1100.363
   0.25000   -4.064156  -35.505908   -5.245247
-576.837437  -12.916165   -1183.614
   0.50000   -4.064156  -35.001249   -5.245247
-578.320398   -8.853486   -1288.247
   0.75000   -4.064156  -34.537760   -5.245247
-579.884356   -5.565730   -1414.835
   1.00000   -4.064156  -34.135858   -5.245247
-581.527774   -3.038757   -1561.446

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    6.460157  363.214481    8.744049
421.669609   28.956952  920.241255
   0.25000    6.460157  368.804172    8.744049
410.267108   20.758676  754.160526
   0.50000    6.460157  374.870393    8.744049
399.740823   15.683889  625.545961
   0.75000    6.460157  381.205746    8.744049
390.101477   13.263613  548.061732
   1.00000    6.460157  387.617779    8.744049
381.322347   16.567870  532.270731

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -5.737365  -81.183392   -5.227491
-885.117784  -26.837731   -1385.406
   0.25000   -5.737365  -76.451430   -5.227491
-897.012880  -23.007991   -2197.401
   0.50000   -5.737365  -71.882773   -5.227491
-908.232158  -21.069036   -2438.740
   0.75000   -5.737365  -67.689311   -5.227491
-920.063810  -22.014029   -2722.638
   1.00000   -5.737365  -64.046868   -5.227491
-932.493971  -26.949573   -3050.246
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<             MOVING          LOAD             >
                                1293

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    7.879365  564.007100    5.623519
351.939269   23.662632   1446.365
   0.25000    7.879365  592.710939    5.623519
356.034834   19.025026   1264.553
   0.50000    7.879365  623.779996    5.623519
360.278509   16.766443   1097.717
   0.75000    7.879365  656.216552    5.623519
364.676211   16.469549  956.623769
   1.00000    7.879365  689.022933    5.623519
369.240616   19.667444  859.192222

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000   -9.528570  -192.443742   -5.906922
-750.050539  -51.069961   -2698.965
   0.25000   -9.528570  -168.166332   -5.906922
-746.605700  -46.308410   -2925.224
   0.50000   -9.528570  -144.734303   -5.906922
-743.545803  -42.716895   -3411.333
   0.75000   -9.528570  -123.207343   -5.906922
-740.735812  -40.944783   -3857.154
   1.00000   -9.528570  -104.430027   -5.906922
-738.346722  -41.637941   -4369.607

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000    8.251187  612.271627    5.637089
650.802428   22.554977   1548.938
   0.25000    8.251187  635.865959    5.637089
653.506205   18.533999   1325.128
   0.50000    8.251187  661.405766    5.637089
656.294153   16.620269   1131.011
   0.75000    8.251187  688.069717    5.637089
659.171097   17.785164  984.482182
   1.00000    8.251187  715.037679    5.637089
662.142178   26.337893  902.118746

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
   0.00000  -11.951194  -181.169751   -12.444687
-779.035018  -76.331140   -3090.394
   0.25000  -11.951194  -161.211258   -12.444687
-776.939456  -63.796305   -3441.578
```

```
 0.50000   -11.951194  -141.952293  -12.444687
-775.040313  -52.360691  -3857.534
 0.75000   -11.951194  -124.257038  -12.444687
-773.320714  -45.560764  -4342.627
 1.00000   -11.951194  -108.822963  -12.444687
-772.438998  -45.404839  -4894.219

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.565820  486.584035    8.686259
809.295552   40.193223  1926.541
 0.25000    9.565820  518.456487    8.686259
820.480552   31.210818  1603.532
 0.50000    9.565820  554.528662    8.686259
831.490913   22.734075  1269.324
 0.75000    9.565820  592.777452    8.686259
842.411386   19.389951  929.627582
 1.00000    9.565820  632.068589    8.686259
857.216150   23.744773  680.567727

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.724102  -195.773892  -10.142141
-749.649707  -57.110829  -2255.815
 0.25000   -8.724102  -158.926674  -10.142141
-763.948929  -45.994994  -2362.859
 0.50000   -8.724102  -123.735067  -10.142141
-778.035354  -35.277504  -2470.937
 0.75000   -8.724102   -91.624643  -10.142141
-792.020230  -34.987620  -2580.856
 1.00000   -8.724102   -71.406018  -10.142141
-810.973377  -38.994849  -2692.741
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1294

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.298528  616.241277   11.444995
977.258433   46.039878  1557.237
 0.25000   13.298528  640.755811   11.444995
985.355635   35.060769  1335.393
 0.50000   13.298528  667.296616   11.444995
993.901748   25.662956  1146.781
 0.75000   13.298528  697.528518   11.444995
 1002.886   20.759045   999.112849
 1.00000   13.298528  730.669935   11.444995
 1012.317   26.337893   909.721181

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.951194  -194.571653  -12.444687
-886.417784  -76.331140  -3126.208
 0.25000  -11.951194  -170.560441  -12.444687
-897.012880  -63.796305  -3479.321
 0.50000  -11.951194  -147.385894  -12.444687
-908.232158  -53.270968  -3896.668
 0.75000  -11.951194  -126.103073  -12.444687
-920.063810  -51.144373  -4378.678
 1.00000  -11.951194  -109.725736  -12.444687
-932.493971  -56.070642  -4931.420

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.298528  616.241277   11.444995
977.258433   46.039878  1926.541
 0.25000   13.298528  640.755811   11.444995
985.355635   35.060769  1603.532
 0.50000   13.298528  667.296616   11.444995
993.901748   25.662956  1269.324
 0.75000   13.298528  697.528518   11.444995
 1002.886   20.759045   999.112849
 1.00000   13.298528  730.669935   11.444995
 1012.317   26.337893   909.721181

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.951194  -195.773892  -12.444687
-886.417784  -76.331140  -3126.208
 0.25000  -11.951194  -170.560441  -12.444687
-897.012880  -63.796305  -3479.321
 0.50000  -11.951194  -147.385894  -12.444687
-908.232158  -53.270968  -3896.668
 0.75000  -11.951194  -126.103073  -12.444687
-920.063810  -51.144373  -4378.678
 1.00000  -11.951194  -109.725736  -12.444687
-932.493971  -56.070642  -4931.420

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.298528  616.241277   11.444995
977.258433   46.039878  1926.541
 0.25000   13.298528  640.755811   11.444995
985.355635   35.060769  1603.532
 0.50000   13.298528  667.296616   11.444995
993.901748   25.662956  1269.324
 0.75000   13.298528  697.528518   11.444995
 1002.886   20.759045   999.112849
 1.00000   13.298528  730.669935   11.444995
 1012.317   26.337893   909.721181

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.951194  -195.773892  -12.444687
-886.417784  -76.331140  -3126.208
 0.25000  -11.951194  -170.560441  -12.444687
-897.012880  -63.796305  -3479.321
 0.50000  -11.951194  -147.385894  -12.444687
-908.232158  -53.270968  -3896.668
 0.75000  -11.951194  -126.103073  -12.444687
-920.063810  -51.144373  -4378.678
 1.00000  -11.951194  -109.725736  -12.444687
-932.493971  -56.070642  -4931.420
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1295

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       99 ================== LENGTH
=     3.471054

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.904817  104.162100   16.001379
426.976506   6.579319  174.139867
 0.25000    4.904817  104.615799   16.001379
428.016355   3.181885  192.107583
 0.50000    4.904817  105.087595   16.001379
429.019403   5.535550  209.963187
 0.75000    4.904817  105.572985   16.001379
429.987832   7.962199  229.561489
 1.00000    4.904817  106.053250   16.001379
430.928578  10.400000  249.249725

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.750938  -40.956379   -2.838188
-359.276316  -10.639642  -923.998217
 0.25000   -2.750938  -40.712049   -2.838188
-358.323146  -21.404959  -927.532499
 0.50000   -2.750938  -40.467122   -2.838188
-357.394894  -33.108299  -931.323077
 0.75000   -2.750938  -40.310777   -2.838188
-356.488254  -45.180576  -936.087864
 1.00000   -2.750938  -40.310777   -2.838188
-355.726394  -57.431142  -941.176399

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.501635  311.945781   15.122265
746.278528   19.613920  390.207522
 0.25000    6.501635  316.508887   15.122265
755.641760   47.716224  361.280153
 0.50000    6.501635  321.252966   15.122265
764.673226   82.583964  378.103669
 0.75000    6.501635  326.132883   15.122265
773.394754  117.692140  412.585110
 1.00000    6.501635  330.960605   15.122265
781.867303  152.812389  447.866166

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.714674  -55.916740  -40.710281
-563.965967  -19.738960  -1755.679
 0.25000   -6.714674  -53.458956  -40.710281
-555.373925  -30.029798  -1800.263
 0.50000   -6.714674  -50.995545  -40.710281
-547.005592  -42.074604  -1846.266
 0.75000   -6.714674  -49.517738  -40.710281
-538.828311  -54.551512  -1893.022
 1.00000   -6.714674  -49.518738  -40.710281
-531.954853  -67.310302  -1941.370

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.817339  583.271010   13.656083
597.071875   16.681931  653.996502
 0.25000    8.817339  610.550783   13.656083
596.809981   30.113024  571.226099
 0.50000    8.817339  638.859665   13.656083
596.809981   50.430799  507.553982
 0.75000    8.817339  667.932739   13.656083
596.809981   72.289901  554.751742
 1.00000    8.817339  696.658956   13.656083
596.809981   95.313060  601.949502

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.242554  -94.663814  -28.147124
-438.837504  -32.535426  -2448.441
 0.25000   -8.242554  -79.945811  -28.147124
-438.837504  -36.835208  -2545.883
 0.50000   -8.242554  -65.215066  -28.147124
-438.837504  -42.043085  -2649.397
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1296

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   -8.242554  -61.536796  -28.147124
-438.837504  -49.382533  -2755.261
 1.00000   -8.242554  -61.540023  -28.147124
-439.766752  -59.521898  -2865.203

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.354394  618.073622   32.211606
665.673889   15.602880  680.566396
 0.25000    9.354394  640.498265   32.211606
665.673889   28.884518  596.163843
 0.50000    9.354394  663.767767   32.211606
665.673889   47.935024  556.483936
 0.75000    9.354394  687.666016   32.211606
665.673889   68.235265  607.986579
 1.00000    9.354394  711.279623   32.211606
665.673889   89.614408  659.489524

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.761879  -92.598147  -26.454681
-625.132404  -35.658447  -2713.055
 0.25000   -7.761879  -80.500766  -26.454681
-625.132404  -56.571732  -2795.174
 0.50000   -7.761879  -68.392665  -26.454681
-625.132404  -79.036907  -2903.635
 0.75000   -7.761879  -65.308893  -26.454681
-625.132404 -103.636790  -3015.144
 1.00000   -7.761879  -65.311547  -26.454681
-625.132404 -129.547429  -3130.286

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.608161  304.747690   0.316510
275.662937   15.335762  310.727646
 0.25000    2.608161  319.380680   0.316510
292.802497   51.051885  237.480749
 0.50000    2.608161  334.581888   0.316510
309.331319   87.434013  196.045107
 0.75000    2.608161  350.208240   0.316510
325.304263  124.027143  212.214146
 1.00000    2.608161  365.659634   0.316510
340.849262  160.620464  230.828964

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.443390  -40.203302  -42.776122
-191.581945  -12.053727  -991.320882
 0.25000   -4.443390  -32.316611  -42.776122
-175.743505   -7.677211   -1050.931
 0.50000   -4.443390  -24.416441  -42.776122
-160.178889   -5.324911   -1112.540
 0.75000   -4.443390  -20.805923  -42.776122
-145.134153   -5.516267   -1175.850
 1.00000   -4.443390  -20.807691  -42.776122
-132.368807   -5.101907   -1241.033

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.152910  604.544853   16.723277
224.899471   13.076986  609.172169
 0.25000    6.152910  634.315648   16.723277
224.899471   33.942142  460.688255
 0.50000    6.152910  665.207679   16.723277
224.899471   56.122330  374.100333
 0.75000    6.152910  696.934632   16.723277
224.899471   79.825174  408.581134
 1.00000    6.152910  728.283869   16.723277
224.899471  104.912321  443.062350

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.958971  -75.980591  -31.017812
-199.286352  -30.177525  -1912.675
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1297

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   -6.958971  -59.920616  -31.017812
-199.286352  -36.473971  -2030.178
 0.50000   -6.958971  -43.846324  -31.017812
-199.286352  -44.199468  -2152.027
 0.75000   -6.958971  -39.730822  -31.017812
-199.286352  -54.655555  -2277.899
 1.00000   -6.958971  -39.734346  -31.017812
-199.286352  -66.686809  -2407.804

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.016115  644.287520   21.471108
531.956966   15.255154  679.864828
 0.25000    8.016115  671.371424   21.471108
531.956966   47.030267  567.703833
 0.50000    8.016115  699.474249   21.471108
531.956966   79.929597  504.247263
 0.75000    8.016115  728.337219   21.471108
531.956966  113.993696  550.976780
 1.00000    8.016115  756.857056   21.471108
531.956966  149.250181  597.706671

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.260299  -86.883976  -42.769199
-435.836259  -35.633719  -2487.572
 0.25000   -7.260299  -72.274661  -42.769199
-435.836259  -49.627931  -2606.606
 0.50000   -7.260299  -57.652071  -42.769199
-435.836259  -59.165633  -2729.847
 0.75000   -7.260299  -53.846485  -42.769199
-435.836259  -74.329671  -2856.713
 1.00000   -7.260299  -53.849692  -42.769199
-435.836259  -90.743902  -2987.207

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.254460  619.654097   23.803854
633.855881   15.381627  671.550233
 0.25000    7.254460  642.488285   23.803854
633.855881   44.585041  595.501864
 0.50000    7.254460  666.182460   23.803854
633.855881   75.074553  553.754335
 0.75000    7.254460  690.517022   23.803854
633.855881  106.689889  604.866471
 1.00000    7.254460  714.560233   23.803854
633.855881  139.375135  655.978852

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.008603  -86.703157  -39.877590
-619.088935  -31.766329  -2692.888
 0.25000   -7.008603  -74.385163  -39.877590
-619.088935  -46.239636  -2799.656
 0.50000   -7.008603  -62.056186  -39.877590
-619.088935  -61.702010  -2909.938
 0.75000   -7.008603  -58.899598  -39.877590
-619.088935  -79.257304  -3023.361
 1.00000   -7.008603  -58.902301  -39.877590
-619.088935  -98.023872  -3139.835

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.929196  106.987063    2.781196
320.376956   9.212992  171.188404
 0.25000    1.929196  107.562981    2.781196
319.185664   15.008154  187.542465
 0.50000    1.929196  108.162168    2.781196
318.132269   21.178283  203.886943
 0.75000    1.929196  108.776543    2.781196
316.912531   27.510880  222.456572
 1.00000    1.929196  109.382823    2.781196
315.977216   33.914020  241.044202
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1298

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.089389  -38.653754   -8.611428
-413.131024  -7.258587  -918.964738
 0.25000   -2.089389  -38.341123   -8.611428
-414.452590  -3.435540  -918.311712
 0.50000   -2.089389  -38.060518   -8.611428
-415.728248  -5.777993  -918.226468
 0.75000   -2.089389  -38.060614   -8.611428
-416.957913   -8.147890  -918.322199
 1.00000   -2.089389  -38.060596   -8.611428
-418.146973  -10.531312  -919.253223

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.817989  329.167535   33.000750
517.369136   11.318169  393.187142
 0.25000    4.817989  335.303946   33.000750
506.311330   18.210232  354.060238
 0.50000    4.817989  341.686085   33.000750
495.609893   26.007732  362.981774
 0.75000    4.817989  348.231398   33.000750
485.254548   34.518241  396.102878
 1.00000    4.817989  354.691569   33.000750
476.560000   43.322073  429.224486

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.839146  -53.047975  -11.661337
-695.022534  -15.713538  -1721.677
 0.25000   -3.839146  -49.719621  -11.661337
-707.304481  -41.296918  -1763.687
 0.50000   -3.839146  -46.575290  -11.661337
-719.160185  -69.278624  -1807.365
 0.75000   -3.839146  -46.576319  -11.661337
-730.588778  -97.409307  -1852.676
 1.00000   -3.839146  -46.576038  -11.661337
-741.634912 -125.660549  -1899.244

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.776349  588.656728   16.107513
412.939589   14.306585  649.318201
 0.25000    6.776349  616.146481   16.107513
412.939589   23.186770  560.110126
 0.50000    6.776349  644.669650   16.107513
412.939589   33.401832  493.461530
 0.75000    6.776349  673.964753   16.107513
412.939589   44.776807  538.680736
 1.00000    6.776349  702.911923   16.107513
412.939589   57.353375  583.900289

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.401581  -92.331047  -17.943794
-542.437570  -25.367145  -2408.661
 0.25000   -6.401581  -77.503647  -17.943794
-542.437570  -30.551339  -2503.062
 0.50000   -6.401581  -62.662600  -17.943794
-542.437570  -37.955833  -2601.366
 0.75000   -6.401581  -58.757393  -17.943794
-542.437570  -48.113223  -2703.522
 1.00000   -6.401581  -58.760649  -17.943794
-542.437570  -59.397800  -2809.201

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.000982  613.151490   15.921348
624.145992   20.564103  675.288812
 0.25000    7.000982  635.675618   15.921348
624.145992   55.529994  592.272528
 0.50000    7.000982  659.047888   15.921348
624.145992   91.947109  551.457513
 0.75000    7.000982  683.051934   15.921348
624.145992  129.601741  602.247938
 1.00000    7.000982  706.770280   15.921348
624.145992  168.356371  653.038650
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1299

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.251273  -91.472254  -47.353785
-634.722076  -28.299991  -2676.912
 0.25000   -8.251273  -79.321705  -47.353785
-634.722076  -34.710550  -2778.339
 0.50000   -8.251273  -67.160285  -47.353785
-634.722076  -42.962358  -2883.204
 0.75000   -8.251273  -64.037260  -47.353785
-634.722076  -53.320712  -2991.326
 1.00000   -8.251273  -64.039926  -47.353785
-634.722076  -64.841883  -3102.464

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.581345  138.656048   40.318902
536.299330   7.290050  247.241095
 0.25000    9.581345  139.067076   40.318902
537.200233   4.457618  263.458864
 0.50000    9.581345  139.493038   40.318902
538.117085   7.565057  283.703704
 0.75000    9.581345  139.925000   40.318902
539.052435  10.725901  306.672219
 1.00000    9.581345  140.353431   40.318902
540.008319  13.898412  332.407731

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.080337  -57.785570   -3.674458
-513.562233  -14.099103  -1575.792
 0.25000   -3.080337  -57.531388   -3.674458
-512.650481  -43.789738  -1656.576
 0.50000   -3.080337  -57.291001   -3.674458
-511.812066  -77.768767  -1742.360
 0.75000   -3.080337  -57.071877   -3.674458
-511.041444  -112.734436  -1832.234
 1.00000   -3.080337  -56.940340   -3.674458
-510.333638  -147.708268  -1925.173

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.722706  420.562432   35.120069
911.552489   19.647602  535.906906
 0.25000   10.722706  424.054836   35.120069
918.080434   53.173621  503.475355
 0.50000   10.722706  427.669403   35.120069
924.721745   96.816319  512.872380
 0.75000   10.722706  431.331042   35.120069
931.500384  141.033442  543.885525
 1.00000   10.722706  434.967554   35.120069
938.426636  185.510254  586.460008

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.094344  -83.935852  -51.626103
-780.837055  -27.254455  -3105.520
 0.25000   -9.094344  -81.785365  -51.626103
-774.237690  -48.173290  -3359.597
 0.50000   -9.094344  -79.751956  -51.626103
-768.166345  -77.179194  -3633.521
 0.75000   -9.094344  -77.900431  -51.626103
-762.590707 -106.917977  -3928.525
 1.00000   -9.094344  -76.895297  -51.626103
-757.459482 -136.951149  -4233.105

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.560965  750.546965   33.481044
770.438500   18.527411  877.717832
 0.25000   12.560965  774.722422   33.481044
766.098147   36.120437  807.414196
 0.50000   12.560965  799.764883   33.481044
762.134718   63.656481  766.710403
 0.75000   12.560965  825.132564   33.481044
758.572222   93.749654  743.954947
 1.00000   12.560965  850.323603   33.481044
755.431306  125.372665  795.681825
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1300

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.491293  -137.566056  -40.767855
-646.794220   -47.990902   -4489.105
 0.25000  -10.491293  -122.942607  -40.767855
-650.659524   -60.308432   -4950.595
 0.50000  -10.491293  -109.149805  -40.767855
-654.628982   -80.436344   -5438.724
 0.75000  -10.491293   -96.621718  -40.767855
-658.613843  -104.988793   -5967.169
 1.00000  -10.491293   -94.618094  -40.767855
-662.569427  -130.478055   -6531.072

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.072066  803.592626   49.370841
864.327823   18.013375  909.573953
 0.25000   13.072066  823.495951   49.370841
861.253567   34.504666  832.460248
 0.50000   13.072066  844.094499   49.370841
858.449950   60.357139  805.544118
 0.75000   13.072066  864.969328   49.370841
855.939096   88.666212  802.672689
 1.00000   13.072066  885.698756   49.370841
853.738351  118.535190  861.005234

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.722562  -133.311805  -38.162574
-835.547413  -52.680408   -4861.127
 0.25000   -9.722562  -121.275621  -38.162574
-838.271454  -79.906767   -5350.123
 0.50000   -9.722562  -109.922763  -38.162574
-841.040445  -114.675282   -5868.170
 0.75000   -9.722562   -99.670501  -38.162574
-843.814262  -153.461722   -6457.657
 1.00000   -9.722562   -97.912679  -38.162574
-846.552789  -193.346564   -7062.861

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.492814  382.640923    0.322082
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311.155832    13.591882   399.675381
 0.25000     2.492814   395.917238     0.322082
327.607605    52.324932   340.645384
 0.50000     2.492814   409.663673     0.322082
344.366731    97.749039   305.856794
 0.75000     2.492814   423.589551     0.322082
361.470851   144.291843   284.055060
 1.00000     2.492814   437.419549     0.322082
378.955531   191.257717   298.763365

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.403830  -55.014085  -54.773274
-248.496331  -19.131569   -1849.605
 0.25000   -7.403830  -46.881091  -54.773274
-231.930917   -9.295385   -2077.506
 0.50000   -7.403830  -39.195564  -54.773274
-216.659741   -6.931938   -2324.877
 0.75000   -7.403830  -32.206358  -54.773274
-202.622235   -5.879488   -2595.582
 1.00000   -7.403830  -29.238659  -54.773274
-189.744019   -5.470409   -2884.505

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.626528   764.599578    17.497561
278.826321   13.632742   786.289512
 0.25000    6.626528   791.601290    17.497561
278.826321   35.445212   664.555076
 0.50000    6.626528   819.538529    17.497561
278.826321   61.840792   592.507485
 0.75000    6.626528   847.853487    17.497561
278.826321   91.061190   545.630257
 1.00000    6.626528   875.973110    17.497561
278.826321  120.870436   719.134317
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                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1301

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.936747  -104.686956   -41.473337
-249.607490   -47.007983   -3605.314
 0.25000   -8.936747   -88.343647   -41.473337
-249.607490   -47.630566   -4059.092
 0.50000   -8.936747   -72.926070   -41.473337
-249.607490   -52.775313   -4553.480
 0.75000   -8.936747   -58.919329   -41.473337
-249.607490   -61.142367   -5095.341
 1.00000   -8.936747   -56.324803   -41.473337
-249.607490   -73.142440   -5674.752

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.667204   829.686039    26.390194
667.159386   18.222654   897.042327
 0.25000    9.667204   854.340938    26.390194
667.568063   49.853907   801.682643
 0.50000    9.667204   879.846018    26.390194
667.954043   85.924489   753.681710
 0.75000    9.667204   905.705754    26.390194
668.321178  125.092574   730.864350
 1.00000    9.667204   931.376395    26.390194
668.676549  167.276002   781.172879

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -10.182766  -121.839300   -51.823738
-590.215215   -52.694376   -4648.067
 0.25000   -10.182766  -106.912715   -51.823738
-590.176064   -61.757802   -5138.809
 0.50000   -10.182766   -92.831031   -51.823738
-590.114215   -75.333434   -5676.182
 0.75000   -10.182766   -80.037294   -51.823738
-590.033521   -92.513755   -6254.651
 1.00000   -10.182766   -77.587503   -51.823738
-589.941062  -112.746936   -6869.707

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.937761   802.846269    28.438336
819.883640   40.368512   698.586786
 0.25000    8.937761   823.701916    28.438336
819.883640   48.963266   829.021666
 0.50000    8.937761   845.280148    28.438336
819.883640   84.464447   801.921954
 0.75000    8.937761   867.150123    28.438336
819.883640  122.162459   797.546121
 1.00000    8.937761   888.869225    28.438336
819.883640  162.628529   855.154965

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.819168  -122.180244   -49.676408
-804.527823   -47.176566   -4931.048
 0.25000   -9.819168  -109.556960   -49.676408
-804.527823   -59.003224   -5415.167
 0.50000   -9.819168   -97.648695   -49.676408
-804.527823   -75.878744   -5946.183
 0.75000   -9.819168   -86.830134   -49.676408
-804.527823   -97.275939   -6514.852
 1.00000   -9.819168   -84.826168   -49.676408
-804.527823  -117.486050   -7114.939

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.842067   137.607250    3.221157
447.620640   13.225424   243.095207
 0.25000    1.842067   138.145314    3.221157
446.441133   27.428627   255.799914
 0.50000    1.842067   138.704173    3.221157
445.357597   42.365497   273.012226
 0.75000    1.842067   139.271149    3.221157
444.364899   57.438608   293.430590
 1.00000    1.842067   139.832280    3.221157
443.462252   72.561783   317.218649
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1302

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.922832  -54.822814   -17.930770
-511.034145   -2.567078   -1560.942
 0.25000   -3.922832  -54.502057   -17.930770
-512.183386   -4.457586   -1636.733
 0.50000   -3.922832  -54.199198   -17.930770
-513.353429   -7.136249   -1718.223
 0.75000   -3.922832  -53.988739   -17.930770
-514.544801   -9.849887   -1803.648
 1.00000   -3.922832  -53.986592   -17.930770
-515.757111  -12.589825   -1892.386

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.270865   432.303618    36.243735
689.131235   15.512535   532.597718
 0.25000    6.270865   437.156950    36.243735
680.190028   28.546267   489.654815
 0.50000    6.270865   442.196404    36.243735
671.971346   43.119028   491.894727
 0.75000    6.270865   447.304422    36.243735
664.457038   58.774219   515.905689
 1.00000    6.270865   452.365960    36.243735
657.591381   74.975442   557.080151

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.463808  -79.831610   -19.754101
-826.555396   -25.737835   -3049.458
 0.25000   -5.463808  -76.932115   -19.754101
-835.257542   -53.442419   -3300.618
 0.50000   -5.463808  -74.199833   -19.754101
-844.119434   -83.274384   -3567.789
 0.75000   -5.463808  -72.131181   -19.754101
-853.141022  -113.834602   -3868.336
 1.00000   -5.463808  -72.105286   -19.754101
-862.313474  -144.802875   -4173.452

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.374436   741.663722    20.276333
588.843185   18.575642   859.388249
 0.25000    7.374436   766.033425    20.276333
591.755699   33.151091   783.541112
 0.50000    7.374436   791.248995    20.276333
594.730586   52.429093   739.768065
 0.75000    7.374436   816.808841    20.276333
597.819390   75.595546   713.561615
 1.00000    7.374436   842.186530    20.276333
601.074662  100.872844   760.883706

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.072424  -133.594695   -32.715359
-695.415863   -40.575786   -4368.984
 0.25000   -9.072424  -118.823551   -32.715359
-692.811958   -43.326786   -4808.644
 0.50000   -9.072424  -104.886431   -32.715359
-690.385665   -51.866246   -5286.648
 0.75000   -9.072424   -92.232010   -32.715359
-688.086173   -64.890652   -5805.657
 1.00000   -9.072424   -89.514630   -32.715359
-685.859934   -80.055204   -6359.865

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.813502   793.198375    20.494582
833.133200   24.489496   902.155681
 0.25000    7.813502   813.236450    20.494582
834.983419   65.805020   826.423252
 0.50000    7.813502   833.969683    20.494582
836.879245  112.055357   798.561249
 0.75000    7.813502   854.988483    20.494582
838.858663  161.614753   794.462804
 1.00000    7.813502   875.856545    20.494582
840.963307  213.161337   851.187500
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                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1303

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.649565  -132.098587   -62.471625
-837.284129   -43.512221   -4893.795
 0.25000   -11.649565  -119.955342   -62.471625
-835.694742   -47.675425   -5367.050
 0.50000   -11.649565  -108.498135   -62.471625
-834.207790   -57.488045   -5882.922
 0.75000   -11.649565   -98.087932   -62.471625
-832.780532   -71.129449   -6439.947
 1.00000   -11.649565   -95.915665   -62.471625
-831.373793   -86.732739   -7026.826

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.354394   644.287520    33.000750
746.278528   20.564103   680.566396
 0.25000    9.354394   671.371424    33.000750
755.641760   55.529994   596.163843
 0.50000    9.354394   699.474249    33.000750
764.673226   91.947109   556.483936
 0.75000    9.354394   728.337219    33.000750
773.394754  129.601741   607.986579
 1.00000    9.354394   756.857056    33.000750
781.867303  168.356371   659.489524

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.251273   -94.663814   -47.353785
-695.022534   -35.658447   -2692.888
 0.25000   -8.251273   -80.500766   -47.353785
-707.304481   -56.571732   -2719.556
 0.50000   -8.251273   -68.392665   -47.353785
-719.160185   -79.036907   -2909.938
 0.75000   -8.251273   -65.308893   -47.353785
-730.588778  -103.636790   -3023.361
 1.00000   -8.251273   -65.311547   -47.353785
-741.634912  -129.547429   -3139.835

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.072066   829.686039    49.370841
911.552489   24.489496   909.573953
 0.25000   13.072066   854.340938    49.370841
918.080434   65.805020   832.460248
 0.50000   13.072066   879.846018    49.370841
924.721745  112.055357   805.544118
 0.75000   13.072066   905.705754    49.370841
931.500384  161.614753   802.672689
 1.00000   13.072066   931.376395    49.370841
938.426636  213.161337   861.005234

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.649565  -137.566056   -62.471625
-837.284129   -52.694376   -4931.048
 0.25000   -11.649565  -122.942607   -62.471625
-838.271454   -79.906767   -5415.167
 0.50000   -11.649565  -109.922763   -62.471625
-844.119434  -114.675282   -5946.183
 0.75000   -11.649565   -99.610501   -62.471625
-853.141022  -153.461722   -6514.852
 1.00000   -11.649565   -97.912679   -62.471625
-862.313474  -193.346564   -7114.939

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.072066   829.686039    49.370841
911.552489   24.489496   909.573953
 0.25000   13.072066   854.340938    49.370841
918.080434   65.805020   832.460248
 0.50000   13.072066   879.846018    49.370841
924.721745  112.055357   805.544118
 0.75000   13.072066   905.705754    49.370841
931.500384  161.614753   802.672689
 1.00000   13.072066   931.376395    49.370841
938.426636  213.161337   861.005234
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1304

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.649565  -137.566056   -62.471625
-837.284129   -52.694376   -4931.048
 0.25000   -11.649565  -122.942607   -62.471625
-838.271454   -79.906767   -5415.167
 0.50000   -11.649565  -109.922763   -62.471625
-844.119434  -114.675282   -5946.183
 0.75000   -11.649565   -99.610501   -62.471625
-853.141022  -153.461722   -6514.852
 1.00000   -11.649565   -97.912679   -62.471625
-862.313474  -193.346564   -7114.939

 COMB      DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.072066   829.686039    49.370841
911.552489   24.489496   909.573953
 0.25000   13.072066   854.340938    49.370841
918.080434   65.805020   832.460248
 0.50000   13.072066   879.846018    49.370841
924.721745  112.055357   805.544118
 0.75000   13.072066   905.705754    49.370841
931.500384  161.614753   802.672689
 1.00000   13.072066   931.376395    49.370841
938.426636  213.161337   861.005234

 COMB      DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.649565  -137.566056   -62.471625
-837.284129   -52.694376   -4931.048
 0.25000   -11.649565  -122.942607   -62.471625
-838.271454   -79.906767   -5415.167
 0.50000   -11.649565  -109.922763   -62.471625
-844.119434  -114.675282   -5946.183
 0.75000   -11.649565   -99.610501   -62.471625
-853.141022  -153.461722   -6514.852
 1.00000   -11.649565   -97.912679   -62.471625
-862.313474  -193.346564   -7114.939

 ELEM      100 ================== LENGTH
=     3.470073

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.137103   44.722257    3.741429
341.371518   13.265477   249.406696
 0.25000    4.137103   44.930475    3.741429
342.135006   10.041345   244.619983
 0.50000    4.137103   45.158462    3.741429
343.043246    6.850238   239.833271
 0.75000    4.137103   45.396421    3.741429
343.971962    3.792586   235.928421
 1.00000    4.137103   45.633711    3.741429
344.925435    7.487021   232.438418

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.396676  -120.528821   -16.594576
-461.161113   -57.614517   -941.260160
 0.25000   -2.396676  -120.064207   -16.594576
-460.225517   -43.778770   -852.411236
 0.50000   -2.396676  -119.594534   -16.594576
-459.263033   -30.704465   -765.764569
 0.75000   -2.396676  -119.138620   -16.594576
-458.267018   -16.707407   -706.291661
 1.00000   -2.396676  -118.707222   -16.594576
-457.235111    -8.509977   -713.799954

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.507991   45.062223   41.762190
514.244376  156.038592   448.080662
 0.25000    5.507991   47.157483   41.762190
521.141725  119.860382   439.667696
 0.50000    5.507991   49.451231   41.762190
529.327744   83.939446   431.254759
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                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1305

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.371530  -350.532017   -15.535018
-816.444348   -64.315927   -1939.919
 0.25000   -6.371530  -345.860242   -15.535018
-808.015592   -51.299693   -1737.214
 0.50000   -6.371530  -341.136960   -15.535018
-799.347700   -38.548227   -1541.583
 0.75000   -6.371530  -336.551129   -15.535018
-790.379592   -26.160917   -1361.161
 1.00000   -6.371530  -332.147451   -15.535018
-781.088628   -17.144038   -1388.309

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.579961   43.779043   29.909863
423.947150   96.601779   602.102777
 0.25000    7.579961   51.248666   29.909863
422.597292   70.733361   591.229353
 0.50000    7.579961   65.003863   29.909863
421.014111   47.108925   580.355930
 0.75000    7.579961   79.360462   29.909863
420.649333   27.768072   618.593856
 1.00000    7.579961   93.701552   29.909863
420.649333   15.709486   691.817797

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.457879  -716.212574   -14.343408
-629.481753   -56.891470   -2863.920
 0.25000   -7.457879  -688.340345   -14.343408
-629.481753   -45.254007   -2541.152
 0.50000   -7.457879  -660.125879   -14.343408
-629.481753   -38.073595   -2235.184
 0.75000   -7.457879  -632.683435   -14.343408
-629.481753   -32.122329   -2054.997
 1.00000   -7.457879  -606.275388   -14.343408
-629.481753   -27.686379   -1970.085

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.407211   39.315030   27.959484
617.122870   90.905642   659.518379
 0.25000    8.407211   45.526671   27.959484
617.122870   66.753252   648.005840
 0.50000    8.407211   56.832452   27.959484
617.122870   44.935850   636.493836
 0.75000    8.407211   68.632544   27.959484
617.122870   26.300603   665.391253
 1.00000    8.407211   80.419628   27.959484
617.122870   14.894583   729.005347

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.928841  -733.534810   -32.604169
-689.964050  -127.466725   -3130.062
 0.25000   -6.928841  -710.624060   -32.604169
-689.964050  -100.082616   -2778.129
 0.50000   -6.928841  -687.432471   -32.604169
-689.964050   -75.730297   -2443.780
 0.75000   -6.928841  -664.876084   -32.604169
-689.964050   -52.575846   -2251.244
 1.00000   -6.928841  -643.168968   -32.604169
-689.964050   -31.327635   -2162.666

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.366486    4.699487   42.862446
130.952710  160.377497   230.856662
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1306

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000    2.366486   10.655332   42.862446
143.800437  123.242598   226.769568
 0.50000    2.366486   18.020513   42.862446
158.997367   86.802668   222.682476
 0.75000    2.366486   25.707170   42.862446
174.505719   50.367652   246.057467
 1.00000    2.366486   33.378424   42.862446
190.385763   14.313618   289.852757

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.479460  -369.172633   -0.244864
-341.583341   -4.445772   -1239.274
 0.25000   -4.479460  -354.204202   -0.244864
-326.098776   -4.661641   -1090.577
 0.50000   -4.479460  -339.063132   -0.244864
-310.213217   -5.464797   -951.073614
 0.75000   -4.479460  -324.351980   -0.244864
-293.801119   -7.283754   -872.365056
 1.00000   -4.479460  -310.212486   -0.244864
-276.799942  -11.539529   -815.201644

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.720809    8.612906   31.983633
196.005793  103.061417   443.012098
 0.25000    5.720809   16.884978   31.983633
196.005793   75.405923   435.514815
 0.50000    5.720809   31.893975   31.983633
196.005793   50.946877   428.018265
 0.75000    5.720809   47.559198   31.983633
196.005793   30.407928   474.182153
 1.00000    5.720809   63.207057   31.983633
196.005793   10.787741   566.867482

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.389738  -735.355128   -16.734701
-227.486777   -66.427025   -2406.955
 0.25000   -6.389738  -704.939305   -16.734701
-227.486777   -52.804621   -2113.175
 0.50000   -6.389738  -674.150819   -16.734701
-227.486777   -42.921298   -1838.809
 0.75000   -6.389738  -644.205828   -16.734701
-227.486777   -34.295986   -1689.320
 1.00000   -6.389738  -615.387956   -16.734701
-227.486777   -27.019139   -1575.166

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.178515   17.383464   43.876755
423.838040  147.826925   597.771871
 0.25000    7.178515   24.982021   43.876755
423.838040  109.842894   587.239463
 0.50000    7.178515   38.635057   43.876755
423.838040   75.566862   576.707717
 0.75000    7.178515   52.885036   43.876755
423.838040   44.209897   615.032590
 1.00000    7.178515   67.118953   43.876755
423.838040   14.593086   694.411344

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.721815  -773.175460   -21.574480
-552.633732   -89.030703   -2986.033
 0.25000   -6.721815  -745.505672   -21.574480
-552.633732   -71.120893   -2639.586
 0.50000   -6.721815  -717.497353   -21.574480
-552.633732   -56.516172   -2312.777
 0.75000   -6.721815  -690.256995   -21.574480
-552.633732   -43.228683   -2125.105
 1.00000   -6.721815  -664.040981   -21.574480
-552.633732   -31.268191   -2017.544
  Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1307

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.593719   20.661447   40.717906
621.706513  138.329458   655.919529
 0.25000    6.593719   27.006124   40.717906
621.706513  103.059772   644.692588
 0.50000    6.593719   38.518019   40.717906
621.706513   70.560506   633.465681
 0.75000    6.593719   50.533238   40.717906
621.706513   40.931851   663.398679
 1.00000    6.593719   62.535140   40.717906
621.706513   13.008086   726.599051

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.378664  -735.907772   -23.800608
-645.067180   -96.463648   -3139.437
 0.25000   -6.378664  -712.578848   -23.800608
-645.067180   -76.586548   -2785.342
 0.50000   -6.378664  -688.964091   -23.800608
-645.067180   -59.573189   -2449.375
 0.75000   -6.378664  -665.996294   -23.800608
-645.067180   -43.595379   -2259.338
 1.00000   -6.378664  -643.892998   -23.800608
-645.067180   -28.939020   -2168.536

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.984921   42.798445    8.569711
442.321624   33.917747   240.862238
 0.25000    1.984921   42.826469    8.569711
441.142939   26.604360   237.105308
 0.50000    1.984921   43.119064    8.569711
439.922888   19.383195   233.349102
 0.75000    1.984921   43.424446    8.569711
438.656072   12.593573   230.562277
 1.00000    1.984921   43.729974    8.569711
437.342845    8.412890   228.571781

 COMB DB-G3-1 -------------------- MIN
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```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.929120 -122.892606   -3.647870
-303.894448  -12.295571  -919.931252
 0.25000   -1.929120 -122.302755   -3.647870
-304.825383   -9.152717  -833.046598
 0.50000   -1.929120 -121.704939   -3.647870
-305.939506   -6.062950  -748.216060
 0.75000   -1.929120 -121.122427   -3.647870
-307.087330   -3.064994  -704.213693
 1.00000   -1.929120 -120.563207   -3.647870
-308.272942   -2.045692  -715.070195

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.957674   41.619981   11.641486
768.952722   43.441254  428.951418
 0.25000    4.957674   42.102601   11.641486
758.005575   33.648486  422.226161
 0.50000    4.957674   45.217054   11.641486
746.669110   24.166907  415.501795
 0.75000    4.957674   48.467624   11.641486
734.895105   15.452305  419.179089
 1.00000    4.957674   51.719076   11.641486
722.689207   10.009981  441.167674

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.402090 -372.911909   -33.822545
-464.272942 -127.494008   -1901.015
 0.25000   -3.402090 -366.629165   -33.822545
-472.897159  -98.185542   -1696.565
 0.50000   -3.402090 -360.262431   -33.822545
-483.225015  -69.207946   -1501.278
 0.75000   -3.402090 -354.060230   -33.822545
-493.870541  -41.890315   -1398.587
 1.00000   -3.402090 -348.104217   -33.822545
-504.871440  -16.299688   -1370.185
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1308

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.468491   40.840292   18.785171
564.105174   55.879412  583.651268
 0.25000    6.468491   48.603298   18.785171
564.105174   39.657317  574.192446
 0.50000    6.468491   62.459983   18.785171
564.105174   27.290362  564.734237
 0.75000    6.468491   76.922516   18.785171
564.105174   17.432362  604.895919
 1.00000    6.468491   91.368563   18.785171
564.105174   10.882422  682.303511

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.660706 -721.058174   -16.465115
-402.713779  -47.302843  -2809.750
 0.25000   -5.660706 -692.974399   -16.465115
-402.713779  -47.760701  -2489.914
 0.50000   -5.660706 -664.547366   -16.465115
-402.713779  -37.812936  -2187.948
 0.75000   -5.660706 -636.900212   -16.465115
-402.713779  -30.441913  -2027.340
 1.00000   -5.660706 -610.225225   -16.465115
-402.713779  -23.992314  -1945.255

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.575440   37.602216   48.035719
647.638577  167.143841  652.905365
 0.25000    6.575440   43.871783   48.035719
647.638577  125.566128  641.905837
 0.50000    6.575440   55.227156   48.035719
647.638577   86.509789  630.906816
 0.75000    6.575440   67.079010   48.035719
647.638577   50.548706  660.515746
 1.00000    6.575440   78.917686   48.035719
647.638577   17.349636  724.454812

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.702698 -728.352202   -16.193139
-625.151258  -65.373817  -3102.013
 0.25000   -7.702698 -705.340196   -16.193139
-625.151258  -52.010857  -2753.999
 0.50000   -7.702698 -682.046313   -16.193139
-625.151258  -41.764974  -2423.432
 0.75000   -7.702698 -659.390695   -16.193139
-625.151258  -33.510122  -2239.705
 1.00000   -7.702698 -637.587681   -16.193139
-625.151258  -26.280177  -2154.590

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.676486   45.145484    4.744868
436.849267   17.649408  332.316595
 0.25000    6.676486   45.329114    4.744868
437.557483   13.551734  324.286801
 0.50000    6.676486   45.541557    4.744868
438.328575    9.475664  318.640140
 0.75000    6.676486   45.775720    4.744868
439.167784    5.479135  314.617014
 1.00000    6.676486   46.022981    4.744868
440.077848    7.581857  313.337290

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.727670 -155.059949   -41.069992
-631.913770 -149.600931   -1928.424
 0.25000   -2.727670 -154.637533   -41.069992
-630.958642 -113.989221   -1828.756
 0.50000   -2.727670 -154.211840   -41.069992
-630.022780  -78.385764   -1731.886
 0.75000   -2.727670 -153.791124   -41.069992
-629.106684  -42.817691   -1637.466
 1.00000   -2.727670 -153.385108   -41.069992
-628.208382  -12.569619   -1546.861
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1309

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.367768   47.171732   52.773079
653.290430  190.204195  586.669733
 0.25000    8.367768   48.723689   52.773079
658.424950  144.760849  577.085382
 0.50000    8.367768   50.522203   52.773079
664.013207   99.540750  577.229008
 0.75000    8.367768   52.500499   52.773079
670.091539   54.940824  589.576840
 1.00000    8.367768   54.593120   52.773079
676.679695   20.091561  642.798419

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.655023 -453.535377   -36.112093
-1065.613 -138.065474   -4232.667
 0.25000   -6.655023 -449.948839   -36.112093
-1058.689 -107.212942   -3920.527
 0.50000   -6.655023 -446.335922   -36.112093
-1051.907  -76.651532   -3614.780
 0.75000   -6.655023 -442.763576   -36.112093
-1045.265  -46.958991   -3325.691
 1.00000   -6.655023 -439.316633   -36.112093
-1038.758  -24.883112   -3055.252

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.061959   47.140369   42.065532
570.866755  129.049729  795.818897
 0.25000   10.061959   55.487456   42.065532
567.007413   94.833724  787.289330
 0.50000   10.061959   67.640963   42.065532
563.090197   63.971245  843.240490
 0.75000   10.061959   81.078324   42.065532
559.165151   36.698462  913.465827
 1.00000   10.061959   95.318174   42.065532
555.284790   18.475096  1011.979

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.008747 -870.450752   -34.573942
-868.242275 -131.110838   -6530.790
 0.25000   -8.008747 -845.541371   -34.573942
-871.281777 -103.192927   -5958.406
 0.50000   -8.008747 -820.472739   -34.573942
-874.760344  -78.055357   -5415.610
 0.75000   -8.008747 -795.685812   -34.573942
-878.654571  -57.578435   -4907.893
 1.00000   -8.008747 -771.755865   -34.573942
-882.939674  -44.645245   -4434.162

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.252476   43.019011   39.553977
802.429555  122.487961  861.003582
 0.25000   10.252476   49.941971   39.553977
799.770204   89.987532  850.876050
 0.50000   10.252476   59.945903   39.553977
797.052282   60.472815  893.881911
 0.75000   10.252476   71.006153   39.553977
794.318738   34.931258  952.600456
 1.00000   10.252476   82.703653   39.553977
791.612970   18.458053   1058.926

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.654233 -907.318550   -50.580108
-922.165656 -194.258750   -7063.723
 0.25000   -7.654233 -886.821389   -50.580108
-924.097325 -152.125641   -6449.121
 0.50000   -7.654233 -866.193024   -50.580108
-926.539205 -112.352281   -5859.920
 0.75000   -7.654233 -845.795576   -50.580108
-929.286901  -77.505275   -5320.600
 1.00000   -7.654233 -826.104463   -50.580108
-932.317603  -49.733665   -4790.000
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1310

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.610117    7.426546   54.655936
167.284757  191.684524  298.811530
 0.25000    2.610117   13.283459   54.655936
180.254656  144.798162  298.359774
 0.50000    2.610117   20.076870   54.655936
194.316962   98.362414  333.066540
 0.75000    2.610117   27.559656   54.655936
209.581384   53.080344  375.217056
 1.00000    2.610117   35.467878   54.655936
226.136244   13.484897  441.920835

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.813363 -441.001888   -0.233853
-403.183941  -5.184679   -2880.265
 0.25000   -4.813363 -427.348087   -0.233853
-386.278288   -5.530661   -2589.954
 0.50000   -4.813363 -413.594240   -0.233853
-369.152367   -6.509998   -2314.993
 0.75000   -4.813363 -400.004421   -0.233853
-352.413164   -9.146733   -2060.837
 1.00000   -4.813363 -386.885195   -0.233853
-336.003252  -18.301584   -1825.662

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.790708   12.210442   41.864798
240.358077  124.016150  579.068025
 0.25000    5.790708   21.923676   41.864798
240.358077   89.341330  576.096050
 0.50000    5.790708   35.511610   41.864798
240.358077   58.658963  644.557389
 0.75000    5.790708   50.531557   41.864798
240.358077   34.037908  730.966304
 1.00000    5.790708   66.446567   41.864798
240.358077   13.544298  867.067013

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.551549 -884.091647   -17.701332
-290.811784  -72.709786   -5672.367
 0.25000   -6.551549 -856.290272   -17.701332
-290.811784  -59.392643   -5089.389
 0.50000   -6.551549 -828.304378   -17.701332
-290.811784  -49.787755   -4538.581
 0.75000   -6.551549 -800.638933   -17.701332
-290.811784  -45.756191   -4029.439
 1.00000   -6.551549 -773.925926   -17.701332
-290.811784  -45.374988   -3560.474

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.239131   22.291936   52.654513
529.510317  169.286813  781.256286
 0.25000    8.239131   31.251462   52.654513
529.606658  125.015042  773.888206
 0.50000    8.239131   43.661151   52.654513
529.697081   84.454935  831.821868
 0.75000    8.239131   57.379587   52.654513
529.772882   49.269769  905.508298
 1.00000    8.239131   71.914851   52.654513
529.828731   18.301177   1025.620

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.556406 -946.823642   -26.995262
-742.917496 -113.110417   -6867.160
 0.25000   -7.556406 -921.440789   -26.995262
-742.566134  -91.359499   -6241.078
 0.50000   -7.556406 -895.889446   -26.995262
-742.208854  -72.861941   -5611.906
 0.75000   -7.556406 -870.630424   -26.995262
-741.836952  -59.318235   -5039.112
 1.00000   -7.556406 -846.239662   -26.995262
-741.445100  -49.724374   -4512.172
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1311

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.749540   25.546616   50.780100
798.479239  165.437375  855.087595
 0.25000    7.749540   33.048947   50.780100
798.479239  122.699365  845.923484
 0.50000    7.749540   43.544028   50.780100
798.479239   83.015311  891.940642
 0.75000    7.749540   55.145171   50.780100
798.479239   48.183050  950.814388
 1.00000    7.749540   67.437644   50.780100
798.479239   17.782104   1050.279

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.586104 -908.504011   -29.500581
-846.798105 -118.527332   -7112.727
 0.25000   -7.586104 -887.030719   -29.500581
-846.798105  -94.569096   -6500.738
 0.50000   -7.586104 -865.414907   -29.500581
-846.798105  -73.445806   -5886.901
 0.75000   -7.586104 -844.046604   -29.500581
-846.798105  -56.714905   -5320.318
 1.00000   -7.586104 -823.413948   -29.500581
-846.798105  -44.166017   -4798.487

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.223712   44.396840   18.622225
591.605928   74.603562  317.067369
 0.25000    2.223712   44.467364   18.622225
590.398950   58.618607  311.110323
 0.50000    2.223712   44.732683   18.622225
589.211442   42.712991  307.662174
 0.75000    2.223712   45.027215   18.622225
588.044252   27.091349  306.280208
 1.00000    2.223712   45.339992   18.622225
586.898578   13.897408  308.180406

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.347383 -155.652252   -4.328496
-382.404738  -14.735209   -1891.103
 0.25000   -3.347383 -155.096815   -4.328496
-383.300841  -11.125666   -1732.464
 0.50000   -3.347383 -154.534792   -4.328496
-384.296260   -7.571307   -1702.161
 0.75000   -3.347383 -153.980959   -4.328496
-385.376824   -4.166377   -1612.018
 1.00000   -3.347383 -153.446626   -4.328496
-386.552481   -3.156228   -1527.283

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.386605   44.247677   20.483415
962.553870  215.899006  556.755391
 0.25000    5.386605   45.060211   20.483415
953.420064   60.620190  548.964053
 0.50000    5.386605   47.460932   20.483415
944.426625   44.284971  553.816857
 0.75000    5.386605   50.125033   20.483415
935.592821   29.208220  572.035182
 1.00000    5.386605   52.951193   20.483415
926.917406   16.921811  634.023553

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.937924 -472.425266   -37.387273
-577.887599 -146.902900   -4174.139
 0.25000   -4.937924 -467.415510   -37.387273
-584.718058 -115.293498   -3853.916
 0.50000   -4.937924 -462.351823   -37.387273
-592.213263  -84.026558   -3539.595
 0.75000   -4.937924 -457.363600   -37.387273
-600.403476  -54.856434   -3246.221
 1.00000   -4.937924 -452.547986   -37.387273
-609.314760  -26.583492   -2980.231
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1312

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.757588   44.811303   33.570439
764.043324  102.884439  760.578733
 0.25000    6.757588   53.982163   33.570439
766.356117   75.308398  754.615430
 0.50000    6.757588   66.266288   33.570439
768.730812   51.639729  813.846934
 0.75000    6.757588   79.843635   33.570439
771.210196   32.022631  885.602031
 1.00000    6.757588   94.227005   33.570439
773.852019   18.994694  987.856768

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.282525 -862.954516   -21.110167
-539.216820  -21.212376   -6358.064
 0.25000   -7.282525 -837.868229   -21.110167
-535.881310  -65.080335   -5795.827
 0.50000   -7.282525 -812.611583   -21.110167
-532.740508  -51.342759   -5262.794
 0.75000   -7.282525 -787.648245   -21.110167
-529.741207  -42.770296   -4764.885
 1.00000   -7.282525 -763.531584   -21.110167
-526.825261  -40.043820   -4303.484

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.327520   42.267712   63.417121
860.864237  215.899006  851.032104
 0.25000    7.327520   49.748301   63.417121
862.346450  162.296992  841.998041
 0.50000    7.327520   59.846290   63.417121
863.835609  111.943536  886.566218
 0.75000    7.327520   71.007788   63.417121
865.369612   65.280916  945.376573
 1.00000    7.327520   82.832348   63.417121
866.992586   24.668448   1051.074

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.833025 -897.719418   -21.428840
-832.426942  -88.386803   -7023.100
 0.25000   -8.833025 -877.090331   -21.428840
-830.255733  -71.310723   -6403.757
 0.50000   -8.833025 -856.321327   -21.428840
-828.231851  -56.774937   -5811.561
 0.75000   -8.833025 -835.796038   -21.428840
-826.312744  -46.720863   -5264.994
 1.00000   -8.833025 -815.963023   -21.428840
-824.909608  -42.101383   -4762.295

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.407211   45.062223   48.035719
768.952722  167.143841  659.518379
 0.25000    8.407211   51.248666   48.035719
758.005575  125.566128  648.005840
 0.50000    8.407211   65.003863   48.035719
746.669110   86.802668  636.493836
 0.75000    8.407211   79.360462   48.035719
734.895105   50.548706  665.391253
 1.00000    8.407211   93.701552   48.035719
722.689207   20.341953  729.005347

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.702698 -773.175460   -33.822545
-816.444348 -127.494008   -3139.437
 0.25000   -7.702698 -745.505672   -33.822545
-808.015592 -100.082616   -2785.342
 0.50000   -7.702698 -717.497353   -33.822545
-799.347700  -75.730297   -2449.375
 0.75000   -7.702698 -690.256995   -33.822545
-790.379592  -52.575846   -2259.338
 1.00000   -7.702698 -664.040981   -33.822545
-781.088628  -31.327635   -2168.536
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1313

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.252476   47.171732   63.417121
962.553870  215.899006  861.003582
 0.25000   10.252476   55.487456   63.417121
953.420064  162.296992  850.876050
 0.50000   10.252476   67.640963   63.417121
944.426625  111.943536  893.881911
 0.75000   10.252476   81.078324   63.417121
935.592821   65.280916  952.600456
 1.00000   10.252476   95.318174   63.417121
926.917406   24.668448   1058.926

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.833025 -946.823642   -50.580108
-1065.613 -194.258750   -7112.727
 0.25000   -8.833025 -921.440789   -50.580108
-1058.689 -152.125641   -6500.738
 0.50000   -8.833025 -895.889446   -50.580108
-1051.907 -112.352281   -5886.901
 0.75000   -8.833025 -870.630424   -50.580108
-1045.265  -77.505275   -5320.318
 1.00000   -8.833025 -846.239662   -50.580108
-1038.758  -49.733665   -4798.487

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.252476   47.171732   63.417121
962.553870  215.899006  861.003582
 0.25000   10.252476   55.487456   63.417121
953.420064  162.296992  850.876050
 0.50000   10.252476   67.640963   63.417121
944.426625  111.943536  893.881911
 0.75000   10.252476   81.078324   63.417121
935.592821   65.280916  952.600456
 1.00000   10.252476   95.318174   63.417121
926.917406   24.668448   1058.926

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.833025 -946.823642   -50.580108
-1065.613 -194.258750   -7112.727
 0.25000   -8.833025 -921.440789   -50.580108
-1058.689 -152.125641   -6500.738
 0.50000   -8.833025 -895.889446   -50.580108
-1051.907 -112.352281   -5886.901
 0.75000   -8.833025 -870.630424   -50.580108
-1045.265  -77.505275   -5320.318
 1.00000   -8.833025 -846.239662   -50.580108
-1038.758  -49.733665   -4798.487

 COMB  DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.252476   47.171732   63.417121
962.553870  215.899006  861.003582
 0.25000   10.252476   55.487456   63.417121
953.420064  162.296992  850.876050
 0.50000   10.252476   67.640963   63.417121
944.426625  111.943536  893.881911
 0.75000   10.252476   81.078324   63.417121
935.592821   65.280916  952.600456
 1.00000   10.252476   95.318174   63.417121
926.917406   24.668448   1058.926

 COMB  DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.833025 -946.823642   -50.580108
-1065.613 -194.258750   -7112.727
 0.25000   -8.833025 -921.440789   -50.580108
-1058.689 -152.125641   -6500.738
 0.50000   -8.833025 -895.889446   -50.580108
-1051.907 -112.352281   -5886.901
 0.75000   -8.833025 -870.630424   -50.580108
-1045.265  -77.505275   -5320.318
 1.00000   -8.833025 -846.239662   -50.580108
-1038.758  -49.733665   -4798.487
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING            LOAD                >
                                     1314

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      101 ========== LENGTH
=    4.958481

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.183183   15.529004    1.237938
184.030537    5.599786  232.383685
 0.25000    4.183183   15.926190    1.237938
185.041987    8.546922  229.503195
 0.50000    4.183183   16.457522    1.237938
186.221850   11.678847  226.848012
 0.75000    4.183183   17.041279    1.237938
187.436152   14.940957  252.427270
 1.00000    4.183183   17.658434    1.237938
189.041341   18.214751  365.103526

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.207804 -131.406412   -3.408041
-536.835855   -7.075549 -714.532589
 0.25000   -2.207804 -130.747627   -3.408041
-535.211233   -4.484416 -706.984461
 0.50000   -2.207804 -130.109193   -3.408041
-534.019462   -2.472230 -700.077252
 0.75000   -2.207804 -129.509087   -3.408041
-532.818928   -1.857660 -693.271372
 1.00000   -2.207804 -128.965299   -3.408041
-531.599594   -3.327242 -686.929973

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.426461   25.983288    9.729145
```

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288.330498   18.865716  443.882726
  0.25000     5.426461   29.946133     9.729145
297.444824   11.360759  492.529849
  0.50000     5.426461   35.275589     9.729145
308.075836   11.583109  565.480838
  0.75000     5.426461   41.130743     9.729145
319.014467   13.758196  715.995188
  1.00000     5.426461   47.313850     9.729145
333.481228   16.195558  968.636709

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.240505  -321.447679   -3.565962
-913.506159  -14.072669   -1389.398
  0.25000   -6.240505  -314.843572   -3.565962
-898.862631  -11.842871   -1352.206
  0.50000   -6.240505  -308.441576   -3.565962
-888.120377  -15.051493   -1315.507
  0.75000   -6.240505  -302.423445   -3.565962
-877.301357  -23.794168   -1279.497
  1.00000   -6.240505  -296.969843   -3.565962
-866.314283  -34.404146   -1244.251

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    7.231521   52.993802    6.054051
233.359588   14.801539  691.868487
  0.25000    7.231521   75.132870    6.054051
232.161014   12.106976  887.803659
  0.50000    7.231521  106.217484    6.054051
232.161014   15.249044   1105.700
  0.75000    7.231521  140.361805    6.054051
232.161014   18.820648   1349.384
  1.00000    7.231521  176.041632    6.054051
232.161014   22.941359   1644.916

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.972141  -628.083483   -5.171823
-706.337469  -24.117541   -1970.919
  0.25000   -6.972141  -589.763631   -5.171823
-706.337469  -22.135369   -1896.386
  0.50000   -6.972141  -552.515453   -5.171823
-706.337469  -23.340759   -1823.640
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1315

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
  0.75000   -6.972141  -517.474418   -5.171823
-708.228240  -28.628602   -1752.911
  1.00000   -6.972141  -485.709213   -5.171823
-710.629196  -34.505700   -1684.429

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    8.159201   48.559217    5.776747
483.860611   14.395494  778.053495
  0.25000    8.159201   66.771360    5.776747
483.860611   12.230965  902.218612
  0.50000    8.159201   92.335618    5.776747
483.860611   17.127660   1111.726
  0.75000    8.159201  120.411356    5.776747
483.860611   25.546754   1408.597
  1.00000    8.159201  149.750702    5.776747
483.860611   34.566525   1771.236

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.491517  -635.901323   -8.947556
-681.010304  -28.454631   -2162.915
  0.25000   -6.491517  -604.390815   -8.947556
-681.010304  -21.942584   -2083.219
  0.50000   -6.491517  -573.761797   -8.947556
-681.010304  -22.499893   -2005.105
  0.75000   -6.491517  -544.948316   -8.947556
-681.010304  -31.532661   -1928.761
  1.00000   -6.491517  -518.827011   -8.947556
-681.010304  -33.192002   -1854.420

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    2.115227   25.148312    9.384485
 82.729122   15.116984  290.112500
  0.25000    2.115227   37.516833    9.384485
 99.508066    4.944467  410.496517
  0.50000    2.115227   54.437427    9.384485
119.061374   2.507478   554.047391
  0.75000    2.115227   73.025313    9.384485
139.146795   1.717594   694.139245
  1.00000    2.115227   92.571495    9.384485
165.801909   1.467122   825.809325

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.557773  -307.378259   -0.174545
-362.147454   -9.426119  -815.427613
  0.25000   -4.557773  -286.454993   -0.174545
-335.145202  -10.870888   -772.771769
  0.50000   -4.557773  -266.149649   -0.174545
-315.365339  -16.948871  -731.152757
  0.75000   -4.557773  -247.056182   -0.174545
-295.429917  -26.094062  -690.548749
  1.00000   -4.557773  -229.750781   -0.174545
-275.192164  -36.141615  -651.120185

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.314750   48.539867    5.893625
171.829166   11.856905  566.858730
  0.25000    5.314750   72.722927    5.893625
171.829166   7.352920   808.957128
  0.50000    5.314750  106.666123    5.893625
171.829166   10.433704   1093.269
  0.75000    5.314750  143.942226    5.893625
171.829166   16.212201   1365.442
  1.00000    5.314750  182.896381    5.893625
171.829166   22.503179   1617.899

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.999721  -603.816190   -5.985857
-199.085383  -24.957260   -1575.046
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1316

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
  0.25000   -5.999721  -561.979259   -5.985857
-199.085383  -22.485990   -1491.879
  0.50000   -5.999721  -521.312784   -5.985857
-199.085383  -25.413727   -1410.818
  0.75000   -5.999721  -483.057035   -5.985857
-199.085383  -31.731302   -1331.845
  1.00000   -5.999721  -448.375172   -5.985857
-199.085383  -38.384558   -1255.272

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.845674   47.489790    8.700183
290.929816   14.845725  694.332083
  0.25000    6.845674   69.515800    8.700183
290.929816   9.024488   905.504931
  0.50000    6.845674  100.395804    8.700183
290.929816   11.001973   1151.522
  0.75000    6.845674  134.316098    8.700183
290.929816   16.811451   1462.463
  1.00000    6.845674  169.771414    8.700183
290.929816   23.991040   1794.160

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.385154  -655.475992   -6.935216
-578.464323  -28.156424   -2017.976
  0.25000   -6.385154  -617.404059   -6.935216
-578.464323  -24.236121   -1930.726
  0.50000   -6.385154  -580.397508   -6.935216
-578.464323  -28.389212   -1845.446
  0.75000   -6.385154  -545.585348   -6.935216
-578.464323  -38.298858   -1762.040
  1.00000   -6.385154  -514.023866   -6.935216
-578.464323  -48.602366   -1680.822

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.325488   42.594997    8.454429
550.995586   13.572479  726.573141
  0.25000    6.325488   61.143395    8.454429
550.995586   8.226057   897.124226
  0.50000    6.325488   87.177812    8.454429
550.995586   10.960192   1094.019
  0.75000    6.325488  115.768569    8.454429
550.995586   17.234044   1417.882
  1.00000    6.325488  145.646391    8.454429
550.995586   24.764132   1781.989

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.028317  -638.902305   -7.100310
-579.343460  -26.027799   -2168.398
  0.25000   -6.028317  -606.813395   -7.100310
-579.343460  -21.328436   -2086.719
  0.50000   -6.028317  -575.622225   -7.100310
-579.343460  -25.139574   -2006.727
  0.75000   -6.028317  -546.280080   -7.100310
-579.343460  -34.898011   -1928.289
  1.00000   -6.028317  -519.679104   -7.100310
-579.343460  -44.933493   -1851.713

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    1.817595   14.394925    2.499897
509.635729    7.864329  228.597324
  0.25000    1.817595   14.829123    2.499897
507.606930    6.066742  226.837594
  0.50000    1.817595   15.471810    2.499897
506.114069    4.637374  225.245638
  0.75000    1.817595   16.177550    2.499897
504.610311    3.459797  274.090557
  1.00000    1.817595   16.910674    2.499897
503.083427    4.740754  393.664298
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1317

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -1.747425  -135.520037   -1.184634
-158.777080   -1.864067  -714.268199
  0.25000   -1.747425  -134.732252   -1.184634
-160.045323   -2.832077  -707.560069
  0.50000   -1.747425  -133.964214   -1.184634
-161.528016   -4.714704  -700.922924
  0.75000   -1.747425  -133.241329   -1.184634
-163.060355   -6.958217  -694.601937
  1.00000   -1.747425  -132.588045   -1.184634
-165.068885   -9.498562  -688.595517

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.832038   25.280925    3.149677
855.691199   9.247736  440.962356
  0.25000    4.832038   29.954711    3.149677
836.860558   7.846942  501.158971
  0.50000    4.832038   36.821986    3.149677
823.001119   12.313125  584.539309
  0.75000    4.832038   44.363250    3.149677
809.040879   20.018107  759.510112
  1.00000    4.832038   52.201615    3.149677
794.865980   29.025016   1013.497

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -3.077918  -333.956230   -8.093105
-256.115440  -16.096213   -1368.966
  0.25000   -3.077918  -325.532088   -8.093105
-267.888146  -10.718005   -1331.867
  0.50000   -3.077918  -317.322409   -8.093105
-281.656189   -9.592079   -1295.342
  0.75000   -3.077918  -309.594083   -8.093105
-295.889085  -11.414149   -1259.819
  1.00000   -3.077918  -302.610391   -8.093105
-314.535090  -14.852069   -1225.054

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.981302   51.831633    3.486959
632.142928   10.990587  682.221248
  0.25000    5.981302   74.200867    3.486959
632.142928   10.324313  882.078590
  0.50000    5.981302  105.548306    3.486959
632.142928   12.794263   1104.683
  0.75000    5.981302  139.982748    3.486959
632.142928   17.306156   1369.460
  1.00000    5.981302  175.978397    3.486959
632.142928   22.939286   1667.485

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.107172  -629.900770   -5.928682
-228.912377  -22.013339   -1944.214
  0.25000   -5.107172  -591.250791   -5.928682
-228.912377  -20.241700   -1870.585
  0.50000   -5.107172  -553.682546   -5.928682
-228.912377  -20.961941   -1798.765
  0.75000   -5.107172  -518.342432   -5.928682
-228.912377  -23.683144   -1729.154
  1.00000   -5.107172  -486.301259   -5.928682
-228.912377  -27.655802   -1661.716

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.149126   47.822196   10.252621
626.534902   17.829653  724.453247
  0.25000    6.149126   66.120785   10.252621
626.534902   10.375789  897.269461
  0.50000    6.149126   91.803534   10.252621
626.534902   11.683734   1099.906
  0.75000    6.149126  120.007342   10.252621
626.534902   15.195986   1409.738
  1.00000    6.149126  149.484610   10.252621
626.534902   20.448850   1772.093
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1318

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.300339  -635.215266   -5.716307
-507.098336  -23.477472   -2154.116
  0.25000   -7.300339  -603.560436   -5.716307
-507.098336  -21.390637   -2075.158
  0.50000   -7.300339  -572.791241   -5.716307
-507.098336  -27.314115   -1997.776
  0.75000   -7.300339  -543.846152   -5.716307
-507.098336  -38.383870   -1922.288
  1.00000   -7.300339  -517.604911   -5.716307
-507.098336  -50.612474   -1848.733

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.611421   17.099231    1.560019
234.381706   8.540427  313.392975
  0.25000    6.611421   17.415125    1.560019
235.212624   12.121237  320.460162
  0.50000    6.611421   17.777885    1.560019
236.247228   17.190063  341.360155
  0.75000    6.611421   18.172491    1.560019
237.312988   25.129853  393.733652
  1.00000    6.611421   18.580532    1.560019
238.469985   34.181763  483.656443

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -2.564265  -169.936804   -8.230333
-712.284144  -12.741527   -1545.647
  0.25000   -2.564265  -169.374629   -8.230333
-710.988548   -6.858631   -1383.294
  0.50000   -2.564265  -168.818231   -8.230333
-709.751364   -3.428297   -1237.910
  0.75000   -2.564265  -168.285498   -8.230333
-708.577697   -2.826382   -1113.911
  1.00000   -2.564265  -167.735459   -8.230333
-707.465425   -4.200977   -1013.710

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    8.215065   31.101441   11.411809
366.636603   22.588876  642.979916
  0.25000    8.215065   33.768847   11.411809
373.066979   15.721875  672.402567
  0.50000    8.215065   36.833864   11.411809
380.137128   17.153301  739.745441
  0.75000    8.215065   40.169772   11.411809
387.847867   23.009208  877.620016
  1.00000    8.215065   43.618573   11.411809
396.224137   30.257350   1073.740

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.451143  -396.962097   -7.466750
-1147.005  -24.708336   -3053.387
  0.25000   -6.451143  -392.209389   -7.466750
-1137.609  -21.622734   -2692.372
  0.50000   -6.451143  -387.503073   -7.466750
-1128.642  -26.044231   -2370.807
  0.75000   -6.451143  -382.998877   -7.466750
-1120.126  -36.510758   -2090.933
  1.00000   -6.451143  -378.838367   -7.466750
-1112.059  -48.815823   -1856.455

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    9.640118   59.738638    7.817388
328.573442  21.277808   1012.049
  0.25000    9.640118   77.739345    7.817388
323.314109  18.794553   1137.591
  0.50000    9.640118   98.419528    7.817388
318.338935  22.191437   1285.852
  0.75000    9.640118  120.920576    7.817388
313.677385  29.028986   1479.066
  1.00000    9.640118  144.202432    7.817388
309.335443  37.402191   1705.757
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1319

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.520872  -715.779594   -8.647576
-933.141830  -43.585659   -4432.642
  0.25000   -7.520878  -683.607437   -8.647576
-937.427902  -39.494801   -3873.823
  0.50000   -7.520878  -651.770439   -8.647576
-942.136311  -40.817602   -3377.550
  0.75000   -7.520878  -621.258195   -8.647576
-947.256677  -46.988681   -2941.413
  1.00000   -7.520878  -593.063950   -8.647576
-952.787453  -54.588639   -2567.772

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    9.900956   55.553133    7.563332
617.714508  20.564301   1058.903
  0.25000    9.900956   70.371369    7.563332
614.084940  18.474287   1170.940
  0.50000    9.900956   87.394350    7.563332
610.660603  24.468459   1325.499
  0.75000    9.900956  105.916119    7.563332
607.454385  35.800812   1551.897
  1.00000    9.900956  125.080555    7.563332
604.484393  49.003448   1826.137

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.217664  -738.736951   -12.483398
-889.173344  -48.067251   -4789.377
  0.25000   -7.217664  -712.255427   -12.483398
-892.213240  -39.543968   -4185.583
  0.50000   -7.217664  -686.049133   -12.483398
-895.552123  -39.242637   -3649.678
  0.75000   -7.217664  -660.934484   -12.483398
-899.184201  -44.962089   -3180.260
  1.00000   -7.217664  -637.726319   -12.483398
-903.105110  -52.266197   -2780.198

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    2.404639   28.065957   10.477423
108.664022  15.022143  442.077761
  0.25000    2.404639   38.128753   10.477423
124.794603   6.462209  509.601714
  0.50000    2.404639   49.692175   10.477423
142.528977   3.180834  587.246967
  0.75000    2.404639   62.278549   10.477423
161.893314   2.611432  675.166302
  1.00000    2.404639   75.291960   10.477423
182.906456   2.220341  767.586401

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.717725  -337.233855   -0.190144
-406.820598  -17.498214   -1825.154
  0.25000   -4.717725  -319.295008   -0.190144
-383.090315  -21.331722   -1576.434
  0.50000   -4.717725  -301.533781   -0.190144
-360.425909  -29.806147   -1356.497
  0.75000   -4.717725  -284.528497   -0.190144
-338.890055  -40.880498   -1160.531
  1.00000   -4.717725  -268.801797   -0.190144
-318.478005  -52.474392   -988.911450

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.365894   54.215507    6.667775
205.351855  15.251283  867.031867
  0.25000    5.365894   74.347912    6.667775
205.351855  11.234136   1003.703
  0.50000    5.365894   97.458302    6.667775
205.351855  13.675897   1159.366
  0.75000    5.365894  122.632397    6.667775
205.351855  18.826720   1333.777
  1.00000    5.365894  148.665105    6.667775
205.351855  24.988074   1516.005
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1320

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.138771  -666.009227   -6.207818
-247.421157  -43.620177   -3560.440
  0.25000   -6.138771  -630.070682   -6.207818
-247.421157  -41.115511   -3072.020
  0.50000   -6.138771  -594.479982   -6.207818
-247.421157  -44.324267   -2640.645
  0.75000   -6.138771  -560.364619   -6.207818
-247.421157  -50.679116   -2256.648
  1.00000   -6.138771  -528.858413   -6.207818
-247.421157  -57.700925   -1920.919

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    7.858834   55.063965    9.864833
357.683509  21.107364   1025.628
  0.25000    7.858834   73.454914    9.864833
357.683509  14.192174   1157.183
  0.50000    7.858834   94.564643    9.864833
357.683509  15.047965   1318.766
  0.75000    7.858834  117.559396    9.864833
357.683509  20.437279   1538.196
  1.00000    7.858834  141.338297    9.864833
357.683509  28.414983   1781.756

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.168558  -748.107034   -8.344397
-750.668400  -48.336717   -4511.727
  0.25000   -7.168558  -715.281425   -8.344397
-750.028665  -42.973741   -3951.001
  0.50000   -7.168558  -682.776906   -8.344397
-749.388931  -46.102651   -3454.648
  0.75000   -7.168558  -651.613246   -8.344397
-748.749196  -54.511937   -3017.758
  1.00000   -7.168558  -622.834392   -8.344397
-748.109462  -64.829465   -2641.668

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    7.414894   50.680504   10.126973
694.040343  20.443126   1050.226
  0.25000    7.414894   66.230420   10.126973
694.040343  13.678880   1167.875
  0.50000    7.414894   84.080478   10.126973
694.040343  15.711676   1323.957
  0.75000    7.414894  103.524503   10.126973
694.040343  22.101174   1560.260
  1.00000    7.414894  123.631711   10.126973
694.040343  30.657445   1830.587

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.208519  -744.111410   -8.481409
-743.664302  -42.396205   -4798.891
  0.25000   -7.208519  -716.353110   -8.481409
-743.664302  -37.132131   -4213.045
  0.50000   -7.208519  -688.862708   -8.481409
-743.664302  -41.170603   -3693.550
  0.75000   -7.208519  -662.513374   -8.481409
-743.664302  -50.575395   -3239.836
  1.00000   -7.208519  -638.178535   -8.481409
-743.664302  -61.567045   -2853.454

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    2.071481   15.931607    5.842214
662.689506  15.056797  308.070567
  0.25000    2.071481   16.321633    5.842214
661.048887   9.428737  317.400113
  0.50000    2.071481   16.771877    5.842214
659.486728   6.422693  341.601762
  0.75000    2.071481   17.262051    5.842214
658.005657   5.892823  404.730139
  1.00000    2.071481   17.769326    5.842214
656.607484   6.843111  500.244764
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1321

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -3.169501  -173.149101   -1.462143
-197.848858   -3.292752   -1528.544
  0.25000   -3.169501  -172.446296   -1.462143
-199.000185   -3.535332   -1365.851
  0.50000   -3.169501  -171.751054   -1.462143
-200.265117   -6.491199   -1221.219
  0.75000   -3.169501  -171.084502   -1.462143
-201.645197  -12.085627   -1099.078
  1.00000   -3.169501  -170.470445   -1.462143
-203.142997  -18.588197   -1001.412

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.180397   29.827672    6.086921
 1039.162   17.911633  633.759049
  0.25000    5.180397   33.361280    6.086921
 1026.758   13.051866  671.795265
  0.50000    5.180397   37.436982    6.086921
 1014.955   16.021141  746.935340
  0.75000    5.180397   41.873933    6.086921
 1003.752   24.193504  896.109920
  1.00000    5.180397   46.463401    6.086921
993.177097   34.610277   1095.370

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.654463  -404.642987   -9.882296
```

```
-317.066284  -25.962847   -2982.030
 0.25000     -4.654463  -398.286447    -9.882296
-325.798097  -17.550512   -2629.543
 0.50000     -4.654463  -391.995265    -9.882296
-335.393600  -16.358687   -2313.123
 0.75000     -4.654463  -385.967498    -9.882296
-345.859363  -20.464067   -2043.688
 1.00000     -4.654463  -380.406630    -9.882296
-357.218410  -26.349537   -1821.151

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.268965   57.924151    6.749566
823.514872   20.949892  987.688943
 0.25000     6.268965   76.136816    6.749566
826.005802   16.550147  1116.474
 0.50000     6.268965   97.036197    6.749566
828.740278   17.485750  1267.434
 0.75000     6.268965  119.801723    6.749566
831.739883   22.418784  1466.973
 1.00000     6.268965  143.343109    6.749566
835.021870   28.914075  1693.161

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.758382  -708.189635   -6.804134
-321.320367  -38.476303  -4304.946
 0.25000    -6.758382  -675.697306   -6.804134
-316.816632  -35.047856  -3757.571
 0.50000    -6.758382  -643.522828   -6.804134
-312.484053  -36.741614  -3272.935
 0.75000    -6.758382  -612.675789   -6.804134
-308.314183  -42.204844  -2848.327
 1.00000    -6.758382  -584.185202   -6.804134
-304.298629  -49.140927  -2485.773

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.916721   54.682335   13.427474
814.318639   27.754237  1050.993
 0.25000     6.916721   69.652316   13.427474
815.479546   16.752239  1164.350
 0.50000     6.916721   86.831739   13.427474
817.139427   16.384311  1317.787
 0.75000     6.916721  105.545163   13.427474
818.960224   19.995510  1548.738
 1.00000     6.916721  124.896438   13.427474
820.957689   25.645235  1822.240
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1322

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.405875  -736.642005   -6.890320
-667.681096  -40.791373  -4763.053
 0.25000    -8.405875  -709.931932   -6.890320
-664.749682  -37.752100  -4177.364
 0.50000    -8.405875  -683.483143   -6.890320
-661.926094  -45.608289  -3658.510
 0.75000    -8.405875  -658.125528   -6.890320
-659.196928  -58.188173  -3205.024
 1.00000    -8.405875  -634.709738   -6.890320
-656.553225  -72.724038  -2819.289

 COMB      DB ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.159201   52.993802   10.252621
855.691199   18.865716  728.953495
 0.25000     8.159201   75.132870   10.252621
836.860558   12.806976  905.504931
 0.50000     8.159201  106.666123   10.252621
823.001119   17.127660  1151.522
 0.75000     8.159201  143.942226   10.252621
809.040879   25.546754  1462.463
 1.00000     8.159201  182.896381   10.252621
794.865980   34.566525  1794.160

 COMB      DB ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -7.300339  -655.475992   -8.947556
-913.166159  -43.146631  -3168.398
 0.25000    -7.300339  -617.404059   -8.947556
-898.862631  -24.236121  -2086.719
 0.50000    -7.300339  -580.397508   -8.947556
-888.120377  -28.389212  -2006.727
 0.75000    -7.300339  -546.280080   -8.947556
-877.301357  -38.383870  -1928.761
 1.00000    -7.300339  -519.679104   -8.947556
-866.314283  -50.612474  -1854.420

 COMB      DL ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     9.900956   59.738638   13.427474
 1039.162   27.754237  1058.903
 0.25000     9.900956   77.739345   13.427474
 1026.758   18.794553  1170.940
 0.50000     9.900956   98.419528   13.427474
 1014.955   24.468159  1325.499
 0.75000     9.900956  122.632397   13.427474
 1003.752   35.800812  1560.260
 1.00000     9.900956  148.665105   13.427474
993.177097   49.003448  1830.587

 COMB      DL ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.405875  -748.107034  -12.483398
-1147.005   -48.336717  -4798.891
 0.25000    -8.405875  -716.353110  -12.483398
-1137.609   -42.973741  -4213.045
 0.50000    -8.405875  -688.862708  -12.483398
-1128.642   -46.102651  -3693.550
 0.75000    -8.405875  -662.513374  -12.483398
-1120.126   -58.188173  -3239.836
 1.00000    -8.405875  -638.178535  -12.483398
-1112.059   -72.724038  -2853.454

 COMB      CAR ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     9.900956   59.738638   13.427474
 1039.162   27.754237  1058.903
 0.25000     9.900956   77.739345   13.427474
 1026.758   18.794553  1170.940
 0.50000     9.900956  106.666123   13.427474
 1014.955   24.468159  1325.499
 0.75000     9.900956  143.942226   13.427474
 1003.752   35.800812  1560.260
 1.00000     9.900956  182.896381   13.427474
993.177097   49.003448  1830.587
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1323

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -8.405875  -748.107034  -12.483398
-1147.005   -48.336717  -4798.891
 0.25000    -8.405875  -716.353110  -12.483398
-1137.609   -42.973741  -4213.045
 0.50000    -8.405875  -688.862708  -12.483398
-1128.642   -46.102651  -3693.550
 0.75000    -8.405875  -662.513374  -12.483398
-1120.126   -58.188173  -3239.836
 1.00000    -8.405875  -638.178535  -12.483398
-1112.059   -72.724038  -2853.454

ELEM      102 ========== LENGTH
=     4.957564

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     4.246258    6.135840    2.634169
69.092892   17.028724  366.611138
 0.25000     4.246258    6.615964    2.634169
70.264806   15.125521  454.583323
 0.50000     4.246258    7.161667    2.634169
71.445624   13.231218  557.456292
 0.75000     4.246258    7.756744    2.634169
72.643243   11.527634  671.776911
 1.00000     4.246258    8.383585    2.634169
74.278226    9.953728  794.055837

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -2.036130  -124.811318   -0.182762
-542.267256  -1.570112  -687.353063
 0.25000    -2.036130  -124.177139   -0.182762
-540.630060  -1.445498  -669.998423
 0.50000    -2.036130  -123.564913   -0.182762
-539.427242  -1.712854  -652.751710
 0.75000    -2.036130  -122.992496   -0.182762
-538.229688  -2.010828  -635.577494
 1.00000    -2.036130  -122.477166   -0.182762
-537.029841  -3.606795  -618.408332

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     5.374436   36.911557    2.597545
137.389761   17.124051  970.818931
 0.25000     5.374436   41.725715    2.597545
147.952150   14.976879  1117.914
 0.50000     5.374436   47.195150    2.597545
158.585214   13.135588  1295.008
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1324

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000     5.374436   53.159321    2.597545
169.390584   11.693687  1508.824
 1.00000     5.374436   59.439864    2.597545
184.135316   11.656626  1745.207

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.126775  -289.122612   -2.661841
-915.610503  -33.003559  -1244.880
 0.25000    -6.126775  -282.768602   -2.661841
-900.841831  -30.047458  -1208.989
 0.50000    -6.126775  -276.632221   -2.661841
-899.009916  -29.383333  -1193.178
 0.75000    -6.126775  -270.894609   -2.661841
-879.187340  -25.332974  -1137.458
 1.00000    -6.126775  -265.729264   -2.661841
-868.363318  -23.920052  -1101.838

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.931141   98.783828    2.770798
97.578520   24.743994  1646.696
 0.25000     6.931141  126.748607    2.770798
97.578520   23.271128  1925.401
 0.50000     6.931141  158.476341    2.770798
97.578520   22.719866  2195.199
 0.75000     6.931141  192.962002    2.770798
97.578520   23.269895  2451.241
 1.00000     6.931141  229.224434    2.770798
97.578520   25.125638  2690.960

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.529479  -557.849432   -4.725400
-707.679697  -34.325883  -1684.918
 0.25000    -6.529479  -521.169538   -4.725400
-708.357171  -30.816068  -1632.758
 0.50000    -6.529479  -485.615039   -4.725400
-710.162620  -27.556764  -1580.666
 0.75000    -6.529479  -452.360919   -4.725400
-712.010666  -24.858935  -1528.732
 1.00000    -6.529479  -422.428995   -4.725400
-714.317177  -22.753035  -1477.107

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     7.949222   93.176348    3.493471
370.788228   36.038458  1771.904
 0.25000     7.949222  116.173140    3.493471
370.788228   33.371393  2048.543
 0.50000     7.949222  142.223058    3.493471
370.788228   31.457832  2329.422
 0.75000     7.949222  170.623614    3.493471
370.788228   30.459708  2625.894
 1.00000     7.949222  200.444471    3.493471
370.788228   30.619743  2927.841

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.093302  -562.128941   -4.521748
-637.080749  -32.263574  -1854.572
 0.25000    -6.093302  -531.961835   -4.521748
-637.080749  -29.203303  -1797.311
 0.50000    -6.093302  -502.726612   -4.521748
-637.080749  -26.447825  -1740.112
 0.75000    -6.093302  -475.380627   -4.521748
-637.080749  -24.166031  -1683.062
 1.00000    -6.093302  -450.764910   -4.521748
-637.594729  -22.377986  -1626.294

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     1.882060   58.674621    0.157329
67.831278    2.232239  826.414182
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1325

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000     1.882060   73.939579    0.157329
87.299949    2.051713  938.065594
 0.50000     1.882060   91.255411    0.157329
106.921669   2.251796  1039.069
 0.75000     1.882060  110.136032    0.157329
126.836354   4.068943  1137.702
 1.00000     1.882060  129.994863    0.157329
154.127672   6.707498  1228.639

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -4.634946  -267.829191   -3.562074
-358.010003  -36.230890  -651.255346
 0.25000    -4.634946  -247.738760   -3.562074
-330.619946  -32.646579  -628.629372
 0.50000    -4.634946  -228.309036   -3.562074
-310.475000  -29.084814  -606.003401
 0.75000    -4.634946  -210.139109   -3.562074
-290.423428  -25.554119  -583.424817
 1.00000    -4.634946  -193.782075   -3.562074
-270.361254  -22.026788  -561.045106

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     4.940093  116.085290    1.568921
156.313131   24.003298  1617.886
 0.25000     4.940093  146.618904    1.568921
156.313131   23.212935  1838.244
 0.50000     4.940093  181.206178    1.568921
156.313131   23.125043  2035.054
 0.75000     4.940093  218.914626    1.568921
156.313131   24.027624  2223.461
 1.00000     4.940093  258.508961    1.568921
156.313131   26.279809  2394.536

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -5.643641  -524.852547   -5.601345
-186.371235  -38.485118  -1255.216
 0.25000    -5.643641  -484.798492   -5.601345
-186.371235  -34.400185  -1211.755
 0.50000    -5.643641  -445.981903   -5.601345
-186.371235  -30.450301  -1168.296
 0.75000    -5.643641  -409.673894   -5.601345
-186.371235  -26.526941  -1124.961
 1.00000    -5.643641  -376.990333   -5.601345
-186.371235  -22.604232  -1082.003

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.551606  106.998239    1.999445
191.875951   26.699705  1795.248
 0.25000     6.551606  134.778380    1.999445
191.875951   25.569915  2063.340
 0.50000     6.551606  166.261334    1.999445
191.875951   25.140629  2320.225
 0.75000     6.551606  200.578152    1.999445
191.875951   25.665278  2582.084
 1.00000     6.551606  236.611524    1.999445
191.875951   27.362056  2839.050

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.077834  -574.611548   -6.043108
-569.701336  -48.401405  -1681.092
 0.25000    -6.077834  -538.159820   -6.043108
-569.701336  -43.500074  -1626.685
 0.50000    -6.077834  -502.834754   -6.043108
-569.701336  -38.719028  -1572.298
 0.75000    -6.077834  -469.793121   -6.043108
-569.701336  -34.656058  -1518.037
 1.00000    -6.077834  -440.048146   -6.043108
-569.701338  -29.199030  -1464.112
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1326

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.088227   91.186056    2.133414
469.961455   26.880553  1781.901
 0.25000     6.088227  114.605327    2.133414
469.961455   25.417426  2063.679
 0.50000     6.088227  141.133752    2.133414
469.961455   24.552631  2344.191
 0.75000     6.088227  170.056118    2.133414
469.961455   24.512766  2639.522
 1.00000     6.088227  200.424958    2.133414
469.961455   25.473335  2939.710

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -5.777895  -563.818790   -5.364645
-505.380093  -44.364572  -1851.648
 0.25000    -5.777895  -533.097345   -5.364645
-505.380093  -40.354331  -1793.906
 0.50000    -5.777895  -503.325036   -5.364645
-505.380093  -36.424518  -1736.199
 0.75000    -5.777895  -475.476808   -5.364645
-505.380093  -32.512016  -1678.601
 1.00000    -5.777895  -450.408529   -5.364645
-505.380093  -28.599674  -1621.279

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     1.657872    6.433340    1.266078
512.241480   3.153309  391.959997
 0.25000     1.657872    7.004517    1.266078
510.225912   3.396401  481.386094
 0.50000     1.657872    7.654508    1.266078
508.748487   3.651635  586.330625
 0.75000     1.657872    8.362999    1.266078
507.275907   3.914741  704.223120
 1.00000     1.657872    9.104532    1.266078
505.797605   4.194381  831.112393

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -1.576993  -128.918009   -0.662866
-53.751615   -8.510983  -688.137627
 0.25000    -1.576993  -128.167939   -0.662866
-55.216809   -8.536714  -670.473076
 0.50000    -1.576993  -127.438223   -0.662866
-56.692096   -8.890306  -652.857373
 0.75000    -1.576993  -126.755375   -0.662866
-58.186256   -9.642405  -635.245159
 1.00000    -1.576993  -126.143583   -0.662866
-60.209303  -10.712892  -617.636688

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     4.713388   40.488635    3.023643
854.118356   27.930474  1011.071
 0.25000     4.713388   46.601412    3.023643
835.430552   25.275574  1163.499
 0.50000     4.713388   53.553911    3.023643
821.734666   23.349547  1341.946
 0.75000     4.713388   61.132375    3.023643
808.082559   21.433719  1553.652
 1.00000     4.713388   69.067735    3.023643
794.376544   19.892723  1786.493

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -2.776787  -299.391320   -1.987856
-128.059577  -12.475353  -1224.363
 0.25000    -2.776787  -291.364492   -1.987856
-141.660185  -12.058849  -1188.912
 0.50000    -2.776787  -283.559578   -1.987856
-155.353747  -11.880996  -1153.518
 0.75000    -2.776787  -276.256381   -1.987856
-169.221035  -11.754591  -1118.179
 1.00000    -2.776787  -269.708962   -1.987856
-187.985334  -12.609871  -1082.929
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1327

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     5.527993   99.926572    2.281617
631.371533   23.322955  1665.626
 0.25000     5.527993  128.136516    2.281617
631.371533   22.277370  1947.235
 0.50000     5.527993  160.091247    2.281617
631.371533   22.827204  2212.783
 0.75000     5.527993  194.930369    2.281617
631.371533   24.286964  2467.727
 1.00000     5.527993  231.512273    2.281617
631.371533   26.577109  2707.126

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -4.595076  -559.321769   -4.575606
-112.900551  -26.904339  -1661.131
 0.25000    -4.595076  -522.315053   -4.575606
-112.499808  -24.722211  -1609.490
 0.50000    -4.595076  -486.452491   -4.575606
-112.122828  -22.651304  -1557.900
 0.75000    -4.595076  -452.903449   -4.575606
-111.786428  -20.583794  -1506.413
 1.00000    -4.595076  -422.710001   -4.575606
-111.531853  -19.168384  -1455.240

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     5.756079   92.672993    2.118929
571.785086   21.206935  1771.301
 0.25000     5.756079  115.775659    2.118929
571.785086   20.248309  2049.779
 0.50000     5.756079  141.945415    2.118929
571.785086   20.555317  2331.136
 0.75000     5.756079  170.476812    2.118929
571.785086   21.631362  2627.744
 1.00000     5.756079  200.435175    2.118929
571.785086   23.695793  2929.659

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.930655  -562.263956   -5.773778
-407.775269  -49.736355  -1848.479
 0.25000    -6.930655  -531.957757   -5.773778
-407.775269  -45.465242  -1791.211
 0.50000    -6.930655  -502.587939   -5.773778
-407.775269  -41.286508  -1733.992
 0.75000    -6.930655  -475.116265   -5.773778
-407.775269  -37.128051  -1676.866
 1.00000    -6.930655  -450.386691   -5.773778
-407.775269  -33.496395  -1620.021

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     6.604807    7.873274    3.951317
86.748664   33.831078  485.081831
 0.25000     6.604807    8.215972    3.951317
87.663285   29.685738  573.008665
 0.50000     6.604807    8.603457    3.951317
88.656067   25.607375  688.288196
 0.75000     6.604807    9.019843    3.951317
89.727660   21.919670  830.652573
 1.00000     6.604807    9.447958    3.951317
90.876647   18.802384  979.880549

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -2.402309  -161.941857   -0.245011
-688.641605  -2.327554  -1665.636
 0.25000    -2.402309  -161.420099   -0.245011
-687.330982  -2.274387  -918.321741
 0.50000    -2.402309  -160.904781   -0.245011
-686.093830  -2.421809  -864.021233
 0.75000    -2.402309  -160.414020   -0.245011
-684.929927  -3.055228  -837.060969
 1.00000    -2.402309  -159.962830   -0.245011
-683.839360  -4.918633  -815.540361
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD          >
                                          1328

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000     8.076765   37.989984    3.769122
169.128717   31.367498  1075.707
 0.25000     8.076765   40.886106    3.769122
175.756197   27.423186  1218.097
 0.50000     8.076765   44.160686    3.769122
182.945935   23.771011  1416.961
 0.75000     8.076765   47.679486    3.769122
190.701865   20.794266  1678.902
 1.00000     8.076765   51.297283    3.769122
199.028001   19.150365  1957.418

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    -6.270907  -341.227963   -4.166476
-1093.240   -46.261049  -1854.814
 0.25000    -6.270907  -336.818790   -4.166476
-1083.733   -41.578194  -1667.884
 0.50000    -6.270907  -332.463982   -4.166476
-1074.745   -37.101619  -1551.928
 0.75000    -6.270907  -328.317351   -4.166476
-1066.294   -33.299892  -1493.100
 1.00000    -6.270907  -324.504792   -4.166476
-1058.380   -30.583485  -1446.912

 COMB DL-G1-3 ------------------- MAX
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 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    9.261967  89.242624    3.856214
154.893194  39.248922 1707.400
 0.25000    9.261967 108.752422    3.856214
149.973310  36.050285  1954.733
 0.50000    9.261967 130.842917    3.856214
145.396015  33.639043  2242.097
 0.75000    9.261967 154.573815    3.856214
141.152680  32.356553  2573.863
 1.00000    9.261967 178.960785    3.856214
137.235604  32.514274  2893.263

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -7.084645 -595.540326   -6.187823
-889.679282 -51.917854 -2566.443
 0.25000  -7.084645 -565.843991   -6.187823
-893.955545 -46.125967 -2291.839
 0.50000  -7.084645 -536.485140   -6.187823
-898.559299 -40.832149 -2116.433
 0.75000  -7.084645 -508.519541   -6.187823
-903.496647 -36.250179 -2026.922
 1.00000  -7.084645 -482.829831   -6.187823
-908.769231 -32.686508 -1956.824

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    9.586452  85.654691    4.350660
452.855763  50.147678  1826.790
 0.25000    9.586452 101.715234    4.350660
449.512066  46.365257  2076.359
 0.50000    9.586452 119.899213    4.350660
446.409436  43.248826  2386.032
 0.75000    9.586452 139.433517    4.350660
443.541194  41.089637  2761.091
 1.00000    9.586452 159.507891    4.350660
440.903801  40.134630  3133.112

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.818234 -610.891931   -5.769905
-794.281141 -48.616053 -2779.616
 0.25000   -6.818234 -586.446888   -5.769905
-797.302899 -43.545161 -2484.990
 0.50000   -6.818234 -562.279703   -5.769905
-800.547558 -38.923942 -2298.546
 0.75000   -6.818234 -539.259428   -5.769905
-804.025814 -34.923000 -2203.440
 1.00000   -6.818234 -518.111514   -5.769905
-807.745383 -31.782960 -2128.459
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1329

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    2.162567  51.704781    0.204013
 80.173512   2.265877 768.062139
 0.25000    2.162567  62.629802    0.204013
 96.794787   3.032961 861.688496
 0.50000    2.162567  74.982301    0.204013
114.875810   3.443120 966.901796
 0.75000    2.162567  88.255835    0.204013
134.404819   4.757816 1090.140
 1.00000    2.162567 101.897775    0.204013
155.304316   6.840185 1205.529

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.649243 -268.418353   -5.193224
-381.167008 -51.673102 -988.502641
 0.25000   -4.649243 -251.788846   -5.193224
-357.063466 -45.620218 -874.209315
 0.50000   -4.649243 -235.375667   -5.193224
-334.293150 -39.888831 -797.126890
 0.75000   -4.649243 -219.723117   -5.193224
-312.862803 -34.873569 -757.017881
 1.00000   -4.649243 -205.344122   -5.193224
-292.760876 -29.438784 -726.332772

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.938811 102.552201    1.440446
176.903481  26.686741 1515.979
 0.25000    4.938811 124.374982    1.440446
176.903481  26.123187 1701.930
 0.50000    4.938811 149.077103    1.440446
176.903481  26.384026 1909.639
 0.75000    4.938811 175.613657    1.440446
176.903481  27.243658 2150.991
 1.00000    4.938811 202.883987    1.440446
176.903481  29.397575 2374.546

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.762462 -528.279526   -6.963954
-215.912159 -56.083922 -1920.919
 0.25000   -5.762462 -495.070534   -6.963954
-215.912159 -49.518549 -1698.927
 0.50000   -5.762462 -462.239326   -6.963954
-215.912159 -43.315586 -1550.914
 0.75000   -5.762462 -430.966407   -6.963954
-215.912159 -37.444026 -1474.277
 1.00000   -5.762462 -402.230733   -6.963954
-215.912159 -31.986614 -1414.887

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.488678  96.062180    2.082934
223.598556  30.808691 1782.698
 0.25000    7.488678 115.997388    2.082934
223.598556  29.567985 2019.939
 0.50000    7.488678 138.561246    2.082934
223.598556  29.097870 2300.856
 0.75000    7.488678 162.800765    2.082934
223.598556  29.543727 2633.493
 1.00000    7.488678 187.710575    2.082934
223.598556  30.976426 2954.502

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.820258 -606.980361   -7.032004
-696.728917 -62.440042 -2641.309
 0.25000   -6.820258 -576.645591   -7.032004
-696.089301 -55.701456 -2377.553
 0.50000   -6.820258 -546.655994   -7.032004
-695.449685 -49.412858 -2172.393
 0.75000   -6.820258 -518.089969   -7.032004
-694.809615 -43.517971 -2072.361
 1.00000   -6.820258 -491.839630   -7.032004
-694.169999 -38.025835 -1998.383
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1330

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.089360  83.089440    2.418474
564.702257  31.880815 1830.456
 0.25000    7.089360  99.944971    2.418474
564.702257  30.368509 2087.057
 0.50000    7.089360 119.024455    2.418474
564.702257  29.533022 2400.593
 0.75000    7.089360 139.520822    2.418474
564.702257  29.528591 2774.084
 1.00000    7.089360 160.583945    2.418474
564.702257  30.414213 3140.068

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.865918 -613.776022   -6.296325
-616.081654 -57.890711 -2853.799
 0.25000   -6.865918 -588.125980   -6.296325
-616.081654 -52.240281 -2571.183
 0.50000   -6.865918 -562.767733   -6.296325
-616.081654 -47.009129 -2364.369
 0.75000   -6.865918 -538.613081   -6.296325
-616.081654 -42.145438 -2263.096
 1.00000   -6.865918 -516.418153   -6.296325
-616.081654 -37.648449 -2186.343

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    1.919135   8.116483    1.380209
638.455771  4.661532 498.731482
 0.25000    1.919135   8.539351    1.380209
636.814202  4.889128 589.547745
 0.50000    1.919135   9.019996    1.380209
635.268194  5.165643 709.881162
 0.75000    1.919135   9.536398    1.380209
633.815887  5.532947 856.162014
 1.00000    1.919135  10.066958    1.380209
632.457456  5.950996 1007.366

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -3.011483 -165.409426   -1.033754
-64.737612 -15.300375 -1002.460
 0.25000   -3.011483 -164.763440   -1.033754
-65.918346 -15.383383 -909.114686
 0.50000   -3.011483 -164.125171   -1.033754
-67.197533 -15.765689 -858.118224
 0.75000   -3.011483 -163.516764   -1.033754
-68.576698 -16.564323 -832.580026
 1.00000   -3.011483 -163.012483   -1.033754
-70.054714 -17.509462 -810.281233

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.981013  40.427672    3.029066
992.213649  32.461806  1093.244
 0.25000    4.981013  44.259012    3.029066
979.813515  30.697473  1240.218
 0.50000    4.981013  48.610190    3.029066
968.122842  29.418973  1443.262
 0.75000    4.981013  53.294038    3.029066
957.149013  28.232776  1705.022
 1.00000    4.981013  58.088294    3.029066
946.893431  27.227282  1978.002

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.365139 -346.481201   -2.305934
-146.315635 -21.292538 -1822.644
 0.25000   -4.365139 -340.633693   -2.305934
-155.266258 -20.909915 -1637.085
 0.50000   -4.365139 -334.854059   -2.305934
-164.959639 -20.663715 -1530.358
 0.75000   -4.365139 -329.346062   -2.305934
-175.417408 -20.938481 -1474.990
 1.00000   -4.365139 -324.306230   -2.305934
-186.617783 -21.393815 -1427.147
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1331

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    5.798327  89.262861    2.466651
787.215021  28.280296  1691.422
 0.25000    5.798327 109.005176    2.466651
785.001106  27.678853  1937.955
 0.50000    5.798327 131.344883    2.466651
787.946650  28.172880  2224.242
 0.75000    5.798327 155.343679    2.466651
791.149710  29.506867  2551.637
 1.00000    5.798327 180.219221    2.466651
794.604964  31.461281  2863.279

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.276533 -589.477562   -5.589848
-167.786589 -44.504731 -2487.007
 0.25000   -6.276533 -559.442675   -5.589848
-162.874479 -40.854336 -2220.199
 0.50000   -6.276533 -529.749852   -5.589848
-158.178904 -37.577996 -2053.465
 0.75000   -6.276533 -501.466617   -5.589848
-153.703531 -34.813413 -1968.336
 1.00000   -6.276533 -475.470118   -5.589848
-149.461598 -32.680171 -1899.764

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    6.496658  84.910345    2.322287
710.690334  26.005757  1821.466
 0.25000    6.496658 101.137561    2.322287
711.881952  25.245170  2072.920
 0.50000    6.496658 119.500810    2.322287
713.710002  25.425430  2384.640
 0.75000    6.496658 139.227817    2.322287
715.696318  26.346917  2759.319
 1.00000    6.496658 159.500402    2.322287
717.843559  28.162946  3129.685

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -8.023404 -610.630943   -7.110644
-514.577381 -68.388437 -2819.976
 0.25000   -8.023404 -585.942531   -7.110644
-511.317234 -62.308198 -2535.147
 0.50000   -8.023404 -561.535234   -7.110644
-508.187986 -56.570707 -2352.471
 0.75000   -8.023404 -538.286570   -7.110644
-505.197732 -51.381647 -2256.155
 1.00000   -8.023404 -516.918770   -7.110644
-502.354213 -46.734404 -2179.161

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.949222 116.085290    3.493471
854.118356  36.038458 1795.248
 0.25000    7.949222 146.218904    3.493471
835.430552  33.371393  2063.679
 0.50000    7.949222 181.206178    3.493471
821.734666  31.457832  2344.191
 0.75000    7.949222 218.914626    3.493471
808.082559  30.459708  2639.522
 1.00000    7.949222 258.508961    3.493471
794.376544  30.619743  2939.710

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.930655 -574.611548   -6.043108
-915.610503 -49.736355 -1854.572
 0.25000   -6.930655 -538.119820   -6.043108
-900.841831 -45.465242 -1797.311
 0.50000   -6.930655 -503.325036   -6.043108
-889.990910 -41.286508 -1740.112
 0.75000   -6.930655 -475.476808   -6.043108
-879.187340 -37.128051 -1683.062
 1.00000   -6.930655 -450.764910   -6.043108
-868.363318 -33.496395 -1626.294
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1332

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    9.586452 102.552201    4.350660
992.213649  50.147678  1830.456
 0.25000    9.586452 124.374982    4.350660
979.813515  46.365257  2087.057
 0.50000    9.586452 149.077103    4.350660
968.122842  43.248826  2400.593
 0.75000    9.586452 175.613657    4.350660
957.149013  41.089637  2774.084
 1.00000    9.586452 202.883987    4.350660
946.893431  40.134630  3140.068

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -8.023404 -613.776022   -7.110644
-1093.240  -68.388437 -2853.799
 0.25000   -8.023404 -588.125980   -7.110644
-1083.733  -62.308198 -2571.183
 0.50000   -8.023404 -562.767733   -7.110644
-1074.745  -56.570707 -2364.369
 0.75000   -8.023404 -539.259428   -7.110644
-1066.294  -51.381647 -2263.096
 1.00000   -8.023404 -518.111514   -7.110644
-1058.380  -46.734404 -2186.343

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    9.586452 116.085290    4.350660
992.213649  50.147678  1830.456
 0.25000    9.586452 146.618904    4.350660
979.813515  46.365257  2087.057
 0.50000    9.586452 181.206178    4.350660
968.122842  43.248826  2400.593
 0.75000    9.586452 218.914626    4.350660
957.149013  41.089637  2774.084
 1.00000    9.586452 258.508961    4.350660
946.893431  40.134630  3140.068

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -8.023404 -613.776022   -7.110644
-1093.240  -68.388437 -2853.799
 0.25000   -8.023404 -588.125980   -7.110644
-1083.733  -62.308198 -2571.183
 0.50000   -8.023404 -562.767733   -7.110644
-1074.745  -56.570707 -2364.369
 0.75000   -8.023404 -539.259428   -7.110644
-1066.294  -51.381647 -2263.096
 1.00000   -8.023404 -518.111514   -7.110644
-1058.380  -46.734404 -2186.343

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    9.586452 116.085290    4.350660
992.213649  50.147678  1830.456
 0.25000    9.586452 146.618904    4.350660
979.813515  46.365257  2087.057
 0.50000    9.586452 181.206178    4.350660
968.122842  43.248826  2400.593
 0.75000    9.586452 218.914626    4.350660
957.149013  41.089637  2774.084
 1.00000    9.586452 258.508961    4.350660
946.893431  40.134630  3140.068

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -8.023404 -613.776022   -7.110644
-1093.240  -68.388437 -2853.799
 0.25000   -8.023404 -588.125980   -7.110644
-1083.733  -62.308198 -2571.183
 0.50000   -8.023404 -562.767733   -7.110644
-1074.745  -56.570707 -2364.369
 0.75000   -8.023404 -539.259428   -7.110644
-1066.294  -51.381647 -2263.096
 1.00000   -8.023404 -518.111514   -7.110644
-1058.380  -46.734404 -2186.343
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1333

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      103 ================== LENGTH
 =    4.957948

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.324381   6.489573    2.592379
 3.364138  11.221169  795.788873
 0.25000    4.324381   6.980659    2.592379
 4.551364   9.164638  873.091828
 0.50000    4.324381   7.537920    2.592379
 5.744183   7.518413  961.460695
 0.75000    4.324381   8.144862    2.592379
 6.950382   6.106525  1059.172
 1.00000    4.324381   8.783494    2.592379
 8.599107   4.941115  1163.048

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -1.866559 -108.419568   -0.241792
-485.594896  -2.401623 -618.464289
 0.25000   -1.866559 -107.776079   -0.241792
-483.944844  -2.672678 -597.680197
 0.50000   -1.866559 -107.166709   -0.241792
-482.730418  -3.628602 -576.896106
 0.75000   -1.866559 -106.578939   -0.241792
-481.521289  -5.191491 -556.112014
 1.00000   -1.866559 -106.060120   -0.241792
-480.311099  -7.211443 -535.327922

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    5.341538  47.964877    2.639548
 70.796165  15.182024  1747.807
 0.25000    5.341538  52.887065    2.639548
 81.505339  14.430813  1867.636
 0.50000    5.341538  58.472621    2.639548
 92.266190  14.208396  2014.521
 0.75000    5.341538  64.555943    2.639548
103.148848  14.434625  2192.874
 1.00000    5.341538  70.954654    2.639548
118.026769  15.031363  2390.923

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.018224 -256.083435   -3.490461
-834.326900 -22.470876 -1101.931
 0.25000   -6.018224 -249.635876   -3.490461
-819.434578 -18.590486 -1065.532
 0.50000   -6.018224 -243.427847   -3.490461
-808.468780 -15.408366 -1029.132
 0.75000   -6.018224 -237.636553   -3.490461
-797.557622 -12.962192 -992.732702
 1.00000   -6.018224 -232.436198   -3.490461
-786.633412 -11.367162 -956.333171

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    6.649982 123.938888    3.621880
 32.416448  29.269505  2693.098
 0.25000    6.649982 152.453657    3.621880
 31.182655  27.970557  2934.143
 0.50000    6.649982 184.818778    3.621880
 31.182655  27.887032  3155.197
 0.75000    6.649982 220.057228    3.621880
 31.182655  28.976191  3359.309
 1.00000    6.649982 257.003678    3.621880
 31.182655  30.980581  3543.177

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.093399 -510.545466   -4.960386
-636.652470 -21.939309  -1477.161
 0.25000   -6.093399 -473.307487   -4.960386
-638.549952 -18.598833  -1429.062
 0.50000   -6.093399 -437.339216   -4.960386
-640.156434 -15.858577  -1380.962
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                    Page
 <              MOVING          LOAD              >
                                1334

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
      T         M2         M3
 0.75000   -6.093399 -403.772152   -4.960386
-642.316948  -13.890516  -1332.862
 1.00000   -6.093399 -373.633482   -4.960386
-645.094005  -12.667778  -1284.763

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.756585 121.284788    4.577700
290.694705  34.139369  2928.722
 0.25000    7.756585 144.735181    4.577700
290.694705  31.329214  3159.800
 0.50000    7.756585 171.350203    4.577700
290.694705  29.969812  3390.387
 0.75000    7.756585 200.328552    4.577700
290.694705  30.037749  3629.668
 1.00000    7.756585 230.711691    4.577700
290.694705  31.516868  3869.814

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.699848 -509.911196   -4.741050
-568.830081 -21.228859  -1626.283
 0.25000   -5.699848 -479.288223   -4.741050
-568.830081 -18.426694  -1573.285
 0.50000   -5.699848 -449.709832   -4.741050
-568.830081 -16.127353  -1520.287
 0.75000   -5.699848 -422.106526   -4.741050
-569.263661 -14.477508  -1467.290
 1.00000   -5.699848 -397.322531   -4.741050
-569.921553 -13.459850  -1414.292

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    1.650562  75.913889    0.181252
 79.545170   8.111621  1229.340
 0.25000    1.650562  91.499159    0.181252
 99.399187   9.745149  1321.186
 0.50000    1.650562 109.185869    0.181252
119.364905  11.766768  1402.132
 0.75000    1.650562 128.446488    0.181252
139.571158  14.157620  1478.101
 1.00000    1.650562 148.679284    0.181252
167.230572  16.885258  1544.751

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.715462 -247.741525   -3.632690
-340.495336 -22.130525 -561.065334
 0.25000   -4.715462 -227.352142   -3.632690
-312.773326 -18.029755 -543.138388
 0.50000   -4.715462 -207.695069   -3.632690
-292.339597 -13.990107 -525.211443
 0.75000   -4.715462 -189.354747   -3.632690
-272.016806 -10.030168 -507.284498
 1.00000   -4.715462 -172.886467   -3.632690
-251.687171  -6.254588 -489.357553

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.569802 149.480635    2.727056
152.130025  28.339158  2394.541
 0.25000    4.569802 180.616981    2.727056
152.130025  27.749888  2577.078
 0.50000    4.569802 215.954504    2.727056
152.130025  28.680673  2735.034
 0.75000    4.569802 254.430054    2.727056
152.130025  31.141862  2879.758
 1.00000    4.569802 294.770930    2.727056
152.130025  34.715394  3003.969

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.293347 -486.011224   -5.489557
-179.326118 -23.046995  -1081.966
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

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 <              MOVING          LOAD              >
                                1335

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
      T         M2         M3
 0.25000   -5.293347 -445.351938   -5.489557
-179.326118 -19.500486  -1047.548
 0.50000   -5.293347 -406.079736   -5.489557
-179.326118 -15.981247  -1013.129
 0.75000   -5.293347 -369.430082   -5.489557
-179.326118 -12.535310  -978.710909
 1.00000   -5.293347 -336.523137   -5.489557
-179.326118  -9.211902  -944.292527

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    6.270962 138.618376    3.227522
138.601706  30.957817  2840.348
 0.25000    6.270962 166.955379    3.227522
138.601706  29.524642  3063.318
 0.50000    6.270962 199.113928    3.227522
138.601706  29.506479  3272.390
 0.75000    6.270962 234.128701    3.227522
138.601706  30.897714  3479.909
 1.00000    6.270962 270.841405    3.227522
138.601706  33.439138  3678.357
```

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.775711	-525.652670	-6.225177
-523.780657	-29.470112	-1464.130	
0.25000	-5.775711	-488.650265	-6.225177
-523.698837	-24.696382	-1416.855	
0.50000	-5.775711	-452.910629	-6.225177
-523.520160	-20.071828	-1369.581	
0.75000	-5.775711	-419.558109	-6.225177
-523.410202	-15.579631	-1322.306	
1.00000	-5.775711	-389.609965	-6.225177
-523.388298	-11.253109	-1275.032	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.861922	119.200952	3.216937
394.655814	28.449584	2939.633	
0.25000	5.861922	143.082517	3.216937
394.655814	26.731348	3174.521	
0.50000	5.861922	170.186383	3.216937
394.655814	26.197225	3404.460	
0.75000	5.861922	199.697116	3.216937
394.655814	27.384438	3641.737	
1.00000	5.861922	230.638552	3.216937
394.655814	30.040653	3879.402	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.542313	-511.514673	-5.575933
-436.346844	-28.179878	-1621.244	
0.25000	-5.542313	-480.329016	-5.575933
-436.346844	-24.148385	-1568.367	
0.50000	-5.542313	-450.207252	-5.575933
-436.346844	-20.235148	-1515.491	
0.75000	-5.542313	-422.096982	-5.575933
-436.346844	-16.437167	-1462.615	
1.00000	-5.542313	-396.857367	-5.575933
-436.346844	-12.773158	-1409.738	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.496960	6.886336	0.690479
459.077798	2.528081	829.255131	
0.25000	1.496960	7.466905	0.690479
457.064381	2.723623	906.421652	
0.50000	1.496960	8.133328	0.690479
455.587885	3.443405	996.209046	
0.75000	1.496960	8.856519	0.690479
454.115571	4.317912	1096.305	
1.00000	1.496960	9.612067	0.690479
452.637220	5.358062	1203.566	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.507855	-112.158218	-1.300965
-5.376291	-9.613606	-617.576510	
0.25000	-1.507855	-111.396488	-1.300965
-6.839146	-8.698159	-596.451770	
0.50000	-1.507855	-110.658157	-1.300965
-8.306168	-8.100298	-575.327030	
0.75000	-1.507855	-109.968844	-1.300965
-9.787238	-7.820444	-554.202291	
1.00000	-1.507855	-109.352637	-1.300965
-11.804958	-7.847850	-533.077551	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.595424	52.050912	2.989491
780.916296	18.214185	1783.788	
0.25000	4.595424	58.285967	2.989491
762.264007	16.271921	1907.879	
0.50000	4.595424	65.392356	2.989491
748.584655	15.581584	2055.579	
0.75000	4.595424	73.127654	2.989491
734.944884	16.226523	2231.425	
1.00000	4.595424	81.212938	2.989491
721.249251	17.574959	2425.047	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.625493	-266.410026	-2.291222
-82.334080	-10.919697	-1082.807	
0.25000	-2.625493	-258.259857	-2.291222
-95.896914	-10.079635	-1046.810	
0.50000	-2.625493	-250.361910	-2.291222
-109.504037	-9.521535	-1010.813	
0.75000	-2.625493	-242.989618	-2.291222
-123.231069	-9.282214	-974.815916	
1.00000	-2.625493	-236.395289	-2.291222
-141.928403	-9.280108	-938.818883	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.076699	125.366713	2.772506
568.492887	26.292012	2705.005	
0.25000	5.076699	154.135817	2.772506
568.492887	25.559722	2945.043	
0.50000	5.076699	186.783411	2.772506
568.492887	26.381161	3164.572	
0.75000	5.076699	222.331006	2.772506
568.492887	28.805175	3367.414	
1.00000	5.076699	259.602639	2.772506
568.492887	32.202109	3550.390	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.225555	-512.279043	-4.449059
-63.734504	-18.375912	-1455.129	
0.25000	-4.225555	-474.713350	-4.449059
-62.889976	-16.255057	-1407.478	
0.50000	-4.225555	-438.429951	-4.449059
-62.149103	-14.527662	-1359.828	
0.75000	-4.225555	-404.570312	-4.449059
-61.470848	-12.955857	-1312.178	
1.00000	-4.225555	-374.165688	-4.449059
-60.876924	-11.721959	-1264.528	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.367484	120.191922	2.520203
500.892524	24.781783	2928.738	
0.25000	5.367484	143.750837	2.520203
500.892524	24.457564	3160.837	
0.50000	5.367484	170.488228	2.520203
500.892524	25.471847	3391.561	
0.75000	5.367484	199.600017	2.520203
500.892524	27.869447	3630.661	
1.00000	5.367484	230.123226	2.520203
500.892524	31.161963	3870.139	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.681839	-510.101515	-6.217284
-336.786150	-32.789575	-1619.969	
0.25000	-6.681839	-479.337396	-6.217284
-336.786150	-27.971233	-1566.908	
0.50000	-6.681839	-449.622857	-6.217284
-336.786150	-23.477381	-1513.848	
0.75000	-6.681839	-421.892687	-6.217284
-336.786150	-19.106977	-1460.787	
1.00000	-6.681839	-396.994112	-6.217284
-336.786150	-15.004141	-1407.726	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.634775	8.478804	3.853607
2.812278	19.924832	982.359046	
0.25000	6.634775	8.840442	3.853607
3.745439	15.858966	1090.231	
0.50000	6.634775	9.247091	3.853607
4.757400	12.212476	1200.473	
0.75000	6.634775	9.683238	3.853607
5.847643	9.047873	1313.962	
1.00000	6.634775	10.130041	3.853607
7.018210	6.405729	1428.596	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.231995	-136.339000	-0.326483
-574.434623	-3.374919	-815.548985	
0.25000	-2.231995	-135.825940	-0.326483
-573.131479	-3.381622	-788.281026	
0.50000	-2.231995	-135.319984	-0.326483
-571.901818	-3.771783	-761.023127	
0.75000	-2.231995	-134.839437	-0.326483
-570.746402	-5.143007	-733.759605	
1.00000	-2.231995	-134.399465	-0.326483
-569.664175	-7.251385	-706.494023	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.954258	47.132830	3.676919
63.123609	22.164740	1961.004	
0.25000	7.954258	50.189031	3.676919
69.881359	19.335564	2139.624	
0.50000	7.954258	53.625586	3.676919
77.218599	17.224228	2327.896	
0.75000	7.954258	57.309871	3.676919
85.115174	15.820676	2532.901	
1.00000	7.954258	61.085952	3.676919
93.599970	15.222661	2741.787	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.093211	-286.074624	-4.644493
-922.875889	-28.830911	-1446.966	
0.25000	-6.093211	-281.736345	-4.644493
-913.414099	-24.132096	-1399.316	
0.50000	-6.093211	-277.464536	-4.644493
-904.483688	-19.978138	-1351.699	
0.75000	-6.093211	-273.400181	-4.644493
-896.089732	-16.816390	-1304.086	
1.00000	-6.093211	-269.685028	-4.644493
-888.232901	-14.661814	-1256.472	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.907940	108.113690	4.400707
59.650790	36.233211	2896.165	
0.25000	8.907940	128.899455	4.400707
54.958332	33.408669	3196.463	
0.50000	8.907940	151.896424	4.400707
50.574020	31.687978	3469.534	
0.75000	8.907940	176.742545	4.400707
46.496228	31.137370	3718.238	
1.00000	8.907940	202.206203	4.400707
42.717584	31.696412	3934.854	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.655196	-511.448240	-5.789345
-744.626421	-30.740946	-1956.830	
0.25000	-6.655196	-482.198437	-5.789345
-748.756553	-26.243891	-1892.846	
0.50000	-6.655196	-453.378663	-5.789345
-753.202363	-22.339131	-1828.923	
0.75000	-6.655196	-425.978655	-5.789345
-757.970254	-19.528178	-1765.154	
1.00000	-6.655196	-400.940415	-5.789345
-763.083097	-17.626906	-1701.215	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.293022	107.133865	5.290291
325.344655	43.272699	3134.313	
0.25000	9.293022	124.080178	5.290291
322.181265	39.525977	3438.151	
0.50000	9.293022	143.174981	5.290291
319.232257	36.916126	3729.205	
0.75000	9.293022	163.627244	5.290291
316.494420	35.466611	4012.493	
1.00000	9.293022	184.589535	5.290291
313.964759	35.387996	4272.083	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.414529	-519.896683	-5.426336
-650.192056	-29.172717	-2128.405	
0.25000	-6.414529	-495.819237	-5.426336
-653.081381	-25.451350	-2059.166	
0.50000	-6.414529	-472.095834	-5.426336
-656.189283	-22.309519	-1989.992	
0.75000	-6.414529	-449.541143	-5.426336
-659.523570	-20.032758	-1920.940	
1.00000	-6.414529	-428.929595	-5.426336
-663.092531	-18.655594	-1851.725	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.898238	63.652936	0.240087
71.194983	8.600064	1206.317	
0.25000	1.898238	75.177886	0.240087
88.198783	9.754667	1320.931	
0.50000	1.898238	88.150190	0.240087
106.660855	11.390366	1420.842	
0.75000	1.898238	102.046958	0.240087
126.570721	13.425620	1510.585	
1.00000	1.898238	116.290941	0.240087
147.931703	15.762142	1582.493	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.592774	-231.831426	-5.011136
-341.295475	-29.285838	-726.365753	
0.25000	-4.592774	-215.471426	-5.011136
-317.322961	-24.153471	-702.805308	
0.50000	-4.592774	-199.353728	-5.011136
-294.658051	-19.267444	-679.347755	
0.75000	-4.592774	-184.022509	-5.011136
-273.351990	-14.539318	-655.787654	
1.00000	-4.592774	-170.010253	-5.011136
-253.381823	-9.981157	-632.217566	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.503829	126.110220	2.565470
152.386969	31.836597	2374.515	
0.25000	4.503829	149.136750	2.565470
152.386969	31.276156	2600.361	
0.50000	4.503829	175.076070	2.565470
152.386969	31.763048	2796.120	
0.75000	4.503829	202.859592	2.565470
152.386969	33.247781	2970.470	
1.00000	4.503829	231.336029	2.565470
152.386969	35.509993	3108.679	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.391543	-456.693191	-6.192559
-184.993533	-31.128959	-1414.842	
0.25000	-5.391543	-423.983748	-6.192559
-184.993533	-25.439493	-1369.332	
0.50000	-5.391543	-391.755613	-6.192559
-184.993533	-22.108616	-1323.881	
0.75000	-5.391543	-361.115240	-6.192559
-184.993533	-18.018702	-1278.613	
1.00000	-5.391543	-333.108812	-6.192559
-184.993533	-14.144459	-1233.188	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.122101	119.907480	3.233905
138.452162	35.141519	2956.244	
0.25000	7.122101	140.942368	3.233905
138.452162	33.545236	3243.675	
0.50000	7.122101	164.636311	3.233905
138.452162	32.941660	3508.372	
0.75000	7.122101	190.014835	3.233905
138.452863	33.299246	3755.918	
1.00000	7.122101	216.602586	3.233905
138.452863	34.455321	3969.579	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.478791	-519.109925	-6.702897
-582.841868	-37.361613	-1998.400	
0.25000	-6.478791	-489.231514	-6.702897
-582.020063	-31.793592	-1933.760	
0.50000	-6.478791	-459.792844	-6.702897
-581.191821	-26.540922	-1869.200	
0.75000	-6.478791	-431.904532	-6.702897
-580.363832	-21.546056	-1761.856	
1.00000	-6.478791	-406.220584	-6.702897
-579.543880	-16.845181	-1699.011	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.765286	105.343239	3.203872
433.764590	33.474912	3139.968	
0.25000	6.765286	123.128526	3.203872
433.764590	32.064434	3448.796	
0.50000	6.765286	143.163600	3.203872
433.764590	31.762018	3742.458	
0.75000	6.765286	164.623103	3.203872
433.764590	31.969226	4023.337	
1.00000	6.765286	186.617802	3.203872
433.764590	33.401891	4274.867	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.565520	-521.611176	-6.065179
-482.484181	-35.543978	-2186.320	
0.25000	-6.565520	-496.346979	-6.065179
-482.484181	-30.989713	-2115.261	
0.50000	-6.565520	-471.454534	-6.065179
-482.484181	-26.723546	-2044.289	
0.75000	-6.565520	-447.788449	-6.065179
-482.484181	-22.718259	-1937.646	
1.00000	-6.565520	-426.156778	-6.065179
-482.484181	-19.031503	-1868.080	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.757548	9.009897	0.678288
542.452216	4.237492	1004.765	
0.25000	1.757548	9.456002	0.678288
540.828961	4.984206	1113.612	
0.50000	1.757548	9.960769	0.678288
539.300005	5.958335	1225.593	
0.75000	1.757548	10.501365	0.678288
537.863593	6.974594	1340.178	
1.00000	1.757548	11.055731	0.678288
536.520404	8.118058	1456.468	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.874528	-139.158496	-1.688273
-5.110188	-14.631968	-810.258040	
0.25000	-2.874528	-138.522351	-1.688273
-6.303924	-13.763385	-782.151856	
0.50000	-2.874528	-137.895649	-1.688273
-7.598487	-13.160242	-754.047281	
0.75000	-2.874528	-137.299660	-1.688273
-8.992153	-12.846700	-726.946340	
1.00000	-2.874528	-136.757211	-1.688273
-10.485845	-12.853758	-699.420644	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.775311	50.356716	3.254508
854.876317	25.603253	1974.392	
0.25000	4.775311	54.398714	3.254508
842.611691	24.142309	2153.715	
0.50000	4.775311	58.966295	3.254508
831.058226	23.449549	2341.394	
0.75000	4.775311	63.862144	3.254508
820.209660	23.329558	2542.694	
1.00000	4.775311	68.878961	3.254508
810.062158	23.717306	2745.807	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.090439	-291.570589	-2.659271
-72.709023	-17.324335	-1427.038	
0.25000	-4.090439	-285.810986	-2.659271
-81.756161	-16.582373	-1379.970	
0.50000	-4.090439	-280.137062	-2.659271
-91.554939	-16.133582	-1332.921	
0.75000	-4.090439	-274.741035	-2.659271
-102.130515	-16.035305	-1285.850	
1.00000	-4.090439	-269.826224	-2.659271
-113.427895	-16.256772	-1238.779	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.321415	108.448832	2.854075
663.969470	31.321126	2860.330	
0.25000	5.321415	129.298703	2.854075
666.915435	31.166651	3156.025	
0.50000	5.321415	152.751713	2.854075
670.136216	32.117230	3424.594	
0.75000	5.321415	177.878120	2.854075
673.624344	34.013903	3667.613	
1.00000	5.321415	203.631309	2.854075
677.372791	36.634033	3877.785	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.826239	-506.893826	-5.189344
-93.395071	-28.966477	-1899.675	
0.25000	-5.826239	-477.310946	-5.189344
-88.335507	-26.250066	-1837.319	
0.50000	-5.826239	-448.166855	-5.189344
-83.526976	-23.980080	-1775.012	
0.75000	-5.826239	-420.458607	-5.189344
-78.958196	-22.159896	-1712.760	
1.00000	-5.826239	-395.119836	-5.189344
-74.659418	-20.711431	-1650.374	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.061854	106.329889	2.656135
576.709881	30.058614	3128.446	
0.25000	6.061854	123.467396	2.656135
578.572514	29.934561	3432.998	
0.50000	6.061854	142.745795	2.656135
580.614611	30.815048	3724.566	
0.75000	6.061854	163.399714	2.656135
582.826922	32.566404	4006.932	
1.00000	6.061854	184.568828	2.656135
585.206475	35.131992	4264.855	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.672465	-519.756213	-7.223342
-390.900934	-44.084110	-2179.136	
0.25000	-7.672465	-495.439316	-7.223342
-387.515010	-38.422579	-2093.792	
0.50000	-7.672465	-471.482912	-7.223342
-384.287004	-33.191430	-2023.061	
0.75000	-7.672465	-448.704537	-7.223342
-381.220768	-28.377978	-1950.623	
1.00000	-7.672465	-427.879369	-7.223342
-378.321377	-23.954330	-1879.963	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.756585	149.480635	4.577700
780.916296	34.139369	2939.533	
0.25000	7.756585	180.676981	4.577700
762.264007	31.329214	3174.521	
0.50000	7.756585	215.954504	4.577700
748.584655	29.969812	3404.460	
0.75000	7.756585	254.430054	4.577700
734.944884	31.141862	3641.737	
1.00000	7.756585	294.770930	4.577700
721.249251	34.715394	3879.402	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.681839	-525.652670	-6.225177
-834.326900	-32.789575	-1626.283	
0.25000	-6.681839	-488.650265	-6.225177
-819.434578	-27.971233	-1573.285	
0.50000	-6.681839	-452.910629	-6.225177
-808.468780	-23.477381	-1520.287	
0.75000	-6.681839	-422.106526	-6.225177
-797.607622	-19.106977	-1467.290	
1.00000	-6.681839	-397.322531	-6.225177
-786.633412	-15.004141	-1414.292	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.293022	126.110220	5.290291
854.876317	43.272699	3139.968	
0.25000	9.293022	149.136750	5.290291
842.611691	39.525977	3448.796	
0.50000	9.293022	175.076070	5.290291
831.058226	36.916126	3742.458	
0.75000	9.293022	202.859592	5.290291
820.209660	35.466611	4023.337	
1.00000	9.293022	231.336029	5.290291
810.062158	36.634033	4274.867	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.672465	-521.611176	-7.223342
-922.875889	-44.084110	-2186.320	
0.25000	-7.672465	-496.346979	-7.223342
-913.414099	-38.422579	-2115.261	
0.50000	-7.672465	-472.095834	-7.223342
-904.483688	-33.191430	-2044.289	
0.75000	-7.672465	-449.541143	-7.223342
-896.089732	-28.377978	-1950.623	
1.00000	-7.672465	-428.929595	-7.223342
-888.232901	-23.954330	-1879.963	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.293022	149.480635	5.290291
854.876317	43.272699	3139.968	
0.25000	9.293022	180.676981	5.290291
842.611691	39.525977	3448.796	
0.50000	9.293022	215.954504	5.290291
831.058226	36.916126	3742.458	
0.75000	9.293022	254.430054	5.290291
820.209660	35.466611	4023.337	
1.00000	9.293022	294.770930	5.290291
810.062158	36.634033	4274.867	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.672465	-525.652670	-7.223342
-922.875889	-44.084110	-2186.320	
0.25000	-7.672465	-496.346979	-7.223342
-913.414099	-38.422579	-2115.261	
0.50000	-7.672465	-472.095834	-7.223342
-904.483688	-33.191430	-2044.289	
0.75000	-7.672465	-449.541143	-7.223342
-896.089732	-28.377978	-1950.623	
1.00000	-7.672465	-428.929595	-7.223342
-888.232901	-23.954330	-1879.963	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.293022	149.480635	5.290291

```
854.876317    43.272699    3139.968
  0.25000     9.293022   180.616981     5.290291
842.611691    39.525977    3448.796
  0.50000     9.293022   215.954504     5.290291
831.058226    36.916126    3742.458
  0.75000     9.293022   254.430054     5.290291
820.209660    35.466611    4023.337
  1.00000     9.293022   294.770930     5.290291
810.062158    36.634033    4274.867

 COMB  DESIGN ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -7.672465  -525.652670    -7.223342
-922.875889   -44.084110   -2186.320
  0.25000   -7.672465  -496.346979    -7.223342
-913.414099   -38.422579   -2115.261
  0.50000   -7.672465  -472.095834    -7.223342
-904.483688   -33.191430   -2044.289
  0.75000   -7.672465  -449.541143    -7.223342
-896.089732   -28.377978   -1950.623
  1.00000   -7.672465  -428.929595    -7.223342
-888.232901   -23.954330   -1879.963

 ELEM      104 ================== LENGTH
=     4.957276

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.402205    15.831150     1.971361
 30.274223     6.552560     1164.249
  0.25000    4.402205    16.337386     1.971361
 31.480246     5.231086     1212.832
  0.50000    4.402205    16.909807     1.971361
 32.688309     4.252152     1273.257
  0.75000    4.402205    17.531450     1.971361
 33.906059     3.469488     1342.270
  1.00000    4.402205    18.184395     1.971361
 35.565333     3.626280     1417.525

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -1.701230   -88.405253    -0.910454
-382.664636    -5.949365  -535.160734
  0.25000   -1.701230   -87.747658    -0.910454
-381.002193    -5.867970  -514.213852
  0.50000   -1.701230   -87.114871    -0.910454
-379.777269    -5.802932  -493.266978
  0.75000   -1.701230   -86.525453    -0.910454
-378.561055    -7.244434  -472.320108
  1.00000   -1.701230   -85.996858    -0.910454
-377.346391    -8.681169  -451.373244

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.308651    69.651112     2.469244
133.840191    17.682853    2392.758
  0.25000    5.308651    74.725561     2.469244
144.725496    16.248628    2468.591
  0.50000    5.308651    80.463469     2.469244
155.630228    15.471783    2566.723
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1343

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
  0.75000    5.308651    86.694516     2.469244
166.623156    15.311020    2694.217
  1.00000    5.308651    93.237196     2.469244
181.601622    16.445693    2840.721

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.915619  -221.182798    -2.345272
-688.491310    -9.989424  -956.103823
  0.25000   -5.915619  -214.593523    -2.345272
-673.482563    -9.374354  -919.695193
  0.50000   -5.915619  -208.250745    -2.345272
-662.418329    -7.415076  -883.286800
  0.75000   -5.915619  -202.342394    -2.345272
-651.436948    -7.758980  -846.881609
  1.00000   -5.915619  -197.043753    -2.345272
-640.472963    -8.947024  -810.481262

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.371489   153.859129     3.789299
 82.804329    34.241129    3544.688
  0.25000    6.371489   183.278308     3.789299
 81.411110    32.376429    3730.422
  0.50000    6.371489   216.548427     3.789299
 80.016578    31.703659    3889.417
  0.75000    6.371489   252.662910     3.789299
 79.004816    32.242866    4026.899
  1.00000    6.371489   290.470419     3.789299
 79.004816    34.511125    4140.896

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.665287  -465.972175    -4.007847
-511.285685   -11.604984   -1284.557
  0.25000   -5.665287  -427.895006    -4.007847
-513.219596   -10.318885   -1236.537
  0.50000   -5.665287  -391.131379    -4.007847
-515.099786    -9.596036   -1188.517
  0.75000   -5.665287  -356.869645    -4.007847
-516.950196    -9.883607   -1140.500
  1.00000   -5.665287  -326.147115    -4.007847
-519.479534   -10.865350   -1092.488

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    7.566548   154.979434     3.860498
287.389152    34.978602    3870.383
  0.25000    7.566548   179.173233     3.860498
287.389152    33.295951    4039.899
  0.50000    7.566548   206.532202     3.860498
287.389152    32.852547    4202.495
  0.75000    7.566548   236.230670     3.860498
287.389152    33.642417    4367.277
  1.00000    7.566548   267.321769     3.860498
287.389152    36.005586    4529.329

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.312785  -459.884688    -3.892286
-492.483420   -12.041217   -1414.185
  0.25000   -5.312785  -428.571835    -3.892286
-492.483420   -11.130597   -1361.250
  0.50000   -5.312785  -398.339578    -3.892286
-492.879803   -10.696179   -1308.320
  0.75000   -5.312785  -370.165215    -3.892286
-493.426973   -11.112270   -1255.392
  1.00000   -5.312785  -344.899640    -3.892286
-493.984427   -12.124090   -1202.470

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    1.421426    88.343294     1.105907
105.498610    17.961365    1545.312
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1344

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
  0.25000    1.421426   104.415519     1.105907
125.768137    17.796040    1618.652
  0.50000    1.421426   122.589504     1.105907
146.084365    18.175040    1677.470
  0.75000    1.421426   142.322265     1.105907
166.574735    19.161465    1729.139
  1.00000    1.421426   163.016862     1.105907
194.491304    20.644572    1769.623

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.797490  -231.419988    -2.212839
-310.333759    -6.509629  -489.313018
  0.25000   -4.797490  -210.577922    -2.212839
-282.334757    -5.146411  -471.574262
  0.50000   -4.797490  -190.490987    -2.212839
-261.668022    -3.868523  -453.835515
  0.75000   -4.797490  -171.776419    -2.212839
-241.165284    -3.184242  -436.099448
  1.00000   -4.797490  -154.993343    -2.212839
-220.707506    -2.759528  -418.367413

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.204174   173.221666     2.848420
150.324940    36.681180    3003.993
  0.25000    4.204174   205.344938     2.848420
150.324940    35.722407    3150.855
  0.50000    4.204174   241.670124     2.848420
150.324940    36.014838    3266.506
  0.75000    4.204174   281.101700     2.848420
150.324940    37.613664    3364.428
  1.00000    4.204174   322.382453     2.848420
150.324940    40.289740    3437.978

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.948034  -454.645452    -4.047589
-170.608160    -9.382670  -944.272914
  0.25000   -4.948034  -413.070785    -4.047589
-170.608160    -8.282997  -910.093382
  0.50000   -4.948034  -372.929976    -4.047589
-170.608160    -7.211055  -875.920004
  0.75000   -4.948034  -335.522184    -4.047589
-170.608160    -6.670239  -841.749121
  1.00000   -4.948034  -301.975890    -4.047589
-170.608160    -6.363074  -807.585551

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.990924   170.709959     3.194616
171.744485    36.548936    3679.259
  0.25000    5.990924   199.944185     3.194616
171.744485    35.082747    3849.818
  0.50000    5.990924   233.001274     3.194616
171.744485    34.797415    3999.370
  0.75000    5.990924   268.885785     3.194616
171.744485    35.761364    4123.628
  1.00000    5.990924   306.453525     3.194616
171.744485    38.414650    4269.152

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.478729  -481.524938    -4.213297
-445.005676   -11.563464   -1274.901
  0.25000   -5.478729  -443.689254    -4.213297
-444.665572   -10.002235   -1227.823
  0.50000   -5.478729  -407.159807    -4.213297
-444.267718    -8.577582   -1180.750
  0.75000   -5.478729  -373.411751    -4.213297
-443.931216    -8.063411   -1133.679
  1.00000   -5.478729  -342.587747    -4.213297
-443.675706    -7.737050   -1086.613
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1345

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    5.636266   154.760127     2.902199
367.300545    33.592357    3879.335
  0.25000    5.636266   179.398664     2.902199
367.300545    32.514186    4053.694
  0.50000    5.636266   207.260068     2.902199
367.300545    32.414134    4216.086
  0.75000    5.636266   237.504071     2.902199
367.300545    33.349895    4378.496
  1.00000    5.636266   269.166393     2.902199
367.300545    35.720014    4536.839

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.308259  -461.431194    -3.869622
-398.945149   -12.320690   -1419.724
  0.25000   -5.308259  -429.543046    -3.869622
-398.945149   -11.136848   -1356.998
  0.50000   -5.308259  -398.755456    -3.869622
-398.945149   -10.069101   -1304.275
  0.75000   -5.308259  -370.063694    -3.869622
-398.945149   -9.737583   -1251.554
  1.00000   -5.308259  -344.333699    -3.869622
-398.945149   -9.599693   -1198.838

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    1.335721   17.468432     0.720924
364.340508    6.570870    1202.229
  0.25000    1.335721   18.070185     0.720924
362.323092    6.683583    1251.511
  0.50000    1.335721   18.753675     0.720924
360.842700    6.895010    1312.102
  0.75000    1.335721   19.495211     0.720924
359.370245    7.201594    1381.945
  1.00000    1.335721   20.269116     0.720924
357.896405    7.592291    1459.338

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -1.522389   -91.655788    -1.588968
-36.953685    -7.034101  -533.248729
  0.25000   -1.522389   -90.876434    -1.588968
-38.424173    -5.662914  -512.108993
  0.50000   -1.522389   -90.121455    -1.588968
-39.894590    -4.696498  -490.969266
  0.75000   -1.522389   -89.417520    -1.588968
-41.374883    -4.798378  -469.829542
  1.00000   -1.522389   -88.788951    -1.588968
-43.392460    -4.909110  -448.690417

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.477852   74.298562     1.836580
652.826137    19.754246    2423.075
  0.25000    4.477852   80.737893     1.836580
634.144510    19.287056    2504.120
  0.50000    4.477852   88.047501     1.836580
620.437722    19.423493    2603.252
  0.75000    4.477852   95.979197     1.836580
606.805250    20.156254    2727.763
  1.00000    4.477852   104.259105    1.836580
593.151183    21.346345    2869.327

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -2.519944  -231.709202    -2.714895
-147.010592    -8.102143  -939.033091
  0.25000   -2.519944  -223.370152    -2.714895
-160.634419    -7.495820  -903.041050
  0.50000   -2.519944  -215.295578    -2.714895
-174.255041    -7.739970  -867.056503
  0.75000   -2.519944  -207.767430    -2.714895
-187.968227    -8.020936  -831.072060
  1.00000   -2.519944  -201.041376    -2.714895
-206.657386    -8.333648  -795.094212
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1346

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.628717   155.812232     2.878913
459.724367    35.079196    3548.887
  0.25000    4.628717   185.492573     2.878913
459.766669    34.368668    3734.515
  0.50000    4.628717   219.052182     2.878913
460.358894    34.726929    3892.232
  0.75000    4.628717   255.488268     2.878913
460.944149    36.205528    4028.196
  1.00000    4.628717   293.622018     2.878913
461.516792    38.596040    4141.170

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -3.894315  -467.931959    -4.388657
-110.036202   -10.992665   -1264.699
  0.25000   -3.894315  -429.520469    -4.388657
-108.925874   -10.280107   -1217.192
  0.50000   -3.894315  -392.435378    -4.388657
-107.959396   -10.160247   -1169.689
  0.75000   -3.894315  -357.875652    -4.388657
-107.058788   -10.096922   -1122.187
  1.00000   -3.894315  -326.880642    -4.388657
-106.240415   -10.074078   -1074.688

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.978405   154.704662     2.678273
443.062759    34.549322    3869.510
  0.25000    4.978405   179.010264     2.678273
443.062759    33.775022    4040.323
  0.50000    4.978405   206.494909     2.678273
443.062759    34.089253    4202.711
  0.75000    4.978405   236.330010     2.678273
443.062759    35.491790    4366.793
  1.00000    4.978405   267.564315     2.678273
443.062759    37.906843    4527.899

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.465755  -460.025602    -4.712937
-324.475084   -14.516067   -1407.794
  0.25000   -6.465755  -428.568524    -4.712937
-324.475084   -12.638436   -1354.924
  0.50000   -6.465755  -398.197189    -4.712937
-324.475084   -11.250917   -1302.057
  0.75000   -6.465755  -369.893420    -4.712937
-324.475084   -10.306872   -1249.192
  1.00000   -6.465755  -344.511122    -4.712937
-324.475086   -10.091397   -1196.332

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.668051   17.112631     2.335483
 25.973003    0.235940    1430.214
  0.25000    6.668051   17.491017     2.335483
 26.937656    7.337101    1496.841
  0.50000    6.668051   17.915035     2.335483
 27.979897    5.834062    1565.498
  0.75000    6.668051   18.368340     2.335483
 29.098267    6.331667    1635.575
  1.00000    6.668051   18.831427     2.335483
 30.292954    4.498606    1708.760

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -2.065281  -105.766409    -0.850207
-435.118467    -7.658107  -706.233661
  0.25000   -2.065281  -105.256797    -0.850207
-433.827284    -7.347101  -678.562747
  0.50000   -2.065281  -104.755546    -0.850207
-432.616345    -7.533814  -650.889728
  0.75000   -2.065281  -104.279975    -0.850207
-431.481369    -8.692015  -623.226581
  1.00000   -2.065281  -103.847385    -0.850207
-430.422564   -10.412370  -595.566897
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1347

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    7.837482   65.533838     2.753256
112.554028    20.198490    2744.089
  0.25000    7.837482   68.731625     2.753256
119.547595    18.627802    2849.769
  0.50000    7.837482   72.315315     2.753256
127.104778    17.616466    2964.307
  0.75000    7.837482   76.145879     2.753256
135.213037    17.347621    3094.233
  1.00000    7.837482   80.059849     2.753256
143.871447    18.296843    3228.661

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.923906  -233.279901    -2.970778
-728.032667   -15.868394   -1256.125
  0.25000   -5.923906  -228.974336    -2.970778
-718.657271   -13.696158   -1208.267
  0.50000   -5.923906  -224.738368    -2.970778
-709.863664   -12.133478   -1160.508
  0.75000   -5.923906  -220.719708    -2.970778
-701.621932   -11.727324   -1112.680
  1.00000   -5.923906  -217.064717    -2.970778
-693.932328   -12.418764   -1064.833

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    8.563861   132.795382     3.798591
 99.940135    37.133627    3936.778
  0.25000    8.563861   154.362949     3.798591
 95.304226    35.359257    4140.705
  0.50000    8.563861   178.537056     3.798591
 90.969150    34.480840    4316.050
  0.75000    8.563861   204.365529     3.798591
 86.929029    34.671131    4465.539
  1.00000    8.563861   230.777543     3.798591
 83.196254    36.245989    4582.415

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.235603  -440.847587    -4.074938
-579.143631   -18.417403   -1700.905
  0.25000   -6.235603  -411.811404    -4.074938
-583.156999   -16.643153   -1637.403
  0.50000   -6.235603  -383.219091    -4.074938
-587.476976   -15.458523   -1573.942
  0.75000   -6.235603  -356.113383    -4.074938
-592.106632   -15.242919   -1510.482
  1.00000   -6.235603  -331.475731    -4.074938
-597.059340   -15.964240   -1447.006

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    9.007779   134.807084     4.085889
304.330081    40.214530    4272.882
  0.25000    9.007779   152.561542     4.085889
301.201768    38.494404    4470.563
  0.50000    9.007779   172.460620     4.085889
298.283186    37.742477    4654.165
  0.75000    9.007779   193.721500     4.085889
295.570893    38.171814    4828.297
  1.00000    9.007779   215.462755     4.085889
293.059924    39.901360    4979.409

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.019061  -443.109208    -3.989675
-534.643827   -18.470566   -1851.556
  0.25000   -6.019061  -419.207901    -3.989675
-537.421950   -17.324912   -1782.431
  0.50000   -6.019061  -395.671841    -3.989675
-540.413654   -16.748906   -1713.344
  0.75000   -6.019061  -373.363685    -3.989675
-543.621367   -17.105311   -1644.279
  1.00000   -6.019061  -353.077872    -3.989675
-547.048147   -18.346144   -1575.218
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1348

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    1.638469   73.397319     0.961246
 88.996234    17.518056    1583.015
  0.25000    1.638469   85.460881     0.961246
106.658537    17.632635    1662.936
  0.50000    1.638469   98.980142     0.961246
125.734127    18.123260    1727.546
  0.75000    1.638469   113.424918    0.961246
146.211841    19.165213    1780.993
  1.00000    1.638469   128.195490    0.961246
168.081656    20.781137    1816.730

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -4.540879  -206.176217    -2.756449
-299.631620   -10.374488   -632.160473
  0.25000   -4.540879  -189.944994    -2.756449
-275.859678    -8.423950   -609.361186
  0.50000   -4.540879  -173.952405    -2.756449
-253.507017    -6.612830   -586.590685
  0.75000   -4.540879  -158.793962    -2.756449
-232.582119    -5.215374   -563.628268
  1.00000   -4.540879  -145.006128    -2.756449
-213.087456    -4.255286   -540.768691

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    4.077119   144.946880     2.737109
142.186562    38.094756    3108.681
  0.25000    4.077119   169.071037     2.737109
142.186562    37.459085    3266.811
  0.50000    4.077119   196.102781     2.737109
142.186562    37.602140    3393.770
  0.75000    4.077119   224.984506     2.737109
142.186562    38.779204    3497.481
  1.00000    4.077119   254.518860     2.737109
142.186562    40.872006    3565.061

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -5.027364  -406.790161    -3.987055
-165.310000   -13.960135   -1233.161
  0.25000   -5.027364  -374.321744    -3.987055
-165.310000   -12.536859   -1188.695
  0.50000   -5.027364  -342.348736    -3.987055
-165.310000   -11.329023   -1144.257
  0.75000   -5.027364  -312.044005    -3.987055
-165.310000   -10.569602   -1099.876
  1.00000   -5.027364  -284.480120    -3.987055
-165.310000   -10.286113   -1055.474

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.762815   145.347467     3.193527
156.424559    39.539979    3970.740
  0.25000    6.762815   167.384914     3.193527
156.424559    38.403672    4164.085
  0.50000    6.762815   192.076666     3.193527
156.425563    37.970577    4333.157
  0.75000    6.762815   218.458270     3.193527
156.483296    38.550837    4483.461
  1.00000    6.762815   245.436026     3.193527
156.792543    40.285123    4600.910

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000   -6.143661  -450.706220    -4.363010
-470.206670   -17.990824   -1698.810
  0.25000   -6.143661  -421.048452    -4.363010
-469.269531   -15.995410   -1608.550
  0.50000   -6.143661  -391.843001    -4.363010
-468.334101   -14.215523   -1547.071
  0.75000   -6.143661  -364.161478    -4.363010
-467.406816   -13.066746   -1485.672
  1.00000   -6.143661  -338.981944    -4.363010
-466.516481   -12.452402   -1424.203
 Program  SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                     1349

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
  0.00000    6.445558   133.508894     3.000573
376.893748    37.725422    4274.791
  0.25000    6.445558   152.141868     3.000573
376.893748    37.247492    4477.857
  0.50000    6.445558   173.020812     3.000573
376.893748    37.420836    4663.853
  0.75000    6.445558   195.328548     3.000573
376.893748    38.423861    4836.054
  1.00000    6.445558   218.140362     3.000573
376.893748    40.367887    4980.476

 COMB DL-G2-4 ------------------ MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.270099 -445.212194   -4.151442
-412.286947  -18.676592   -1868.052
 0.25000   -6.270099 -420.134159   -4.151442
-412.286947  -17.344072   -1775.317
 0.50000   -6.270099 -395.438771   -4.151442
-412.286947  -16.210356   -1706.559
 0.75000   -6.270099 -372.031930   -4.151442
-412.286947  -15.600045   -1637.858
 1.00000   -6.270099 -350.742070   -4.151442
-412.286947  -15.424964   -1569.105

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.591993   18.488779    0.790571
412.839136   7.655241    1454.746
 0.25000    1.591993   18.956003    0.790571
411.233726   8.219816    1521.203
 0.50000    1.591993   19.482190    0.790571
409.725531   8.976213    1590.408
 0.75000    1.591993   20.044232    0.790571
408.313929   9.955912    1661.800
 1.00000    1.591992   20.619224    0.790571
406.999160  11.155692    1735.188

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.802333 -108.222297   -1.762222
-31.490940  -10.465063  -699.677054
 0.25000   -2.802333 -107.590614   -1.762222
-32.715337   -9.559288  -671.918679
 0.50000   -2.802333 -106.968395   -1.762222
-34.036598   -8.903368  -644.170541
 0.75000   -2.802333 -106.378642   -1.762222
-35.454591   -8.809755  -616.430073
 1.00000   -2.802333 -105.844512   -1.762222
-36.969665   -9.175482  -588.646485

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.566585   68.806324    2.414238
683.464200  23.886678    2743.396
 0.25000    4.566585   73.039291    2.414238
671.336663  23.661754    2850.619
 0.50000    4.566585   77.802649    2.414238
659.944539  23.326630    2964.936
 0.75000    4.566585   82.890512    2.414238
649.281039  25.005426    3092.599
 1.00000    4.566585   88.095858    2.414238
639.345658  26.687713    3221.502

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.872264 -239.385627   -2.783209
-124.134542  -13.141672   -1239.089
 0.25000   -3.872264 -233.667017   -2.783209
-133.402527  -12.599314   -1191.853
 0.50000   -3.872264 -228.033649   -2.783209
-143.401634  -12.698141   -1135.606
 0.75000   -3.872264 -222.694611   -2.783209
-154.134231  -13.510120   -1088.781
 1.00000   -3.872264 -217.855729   -2.783209
-165.601550  -14.756425   -1041.842
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1350

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.846916  132.870754    2.970615
519.799026  37.940183    3875.833
 0.25000    4.846916  154.694756    2.970615
523.068580  37.900726    4077.060
 0.50000    4.846916  179.140963    2.970615
526.610630  38.615568    4249.434
 0.75000    4.846916  205.250264    2.970615
530.416853  40.031997    4435.681
 1.00000    4.846916  231.969856    2.970615
534.482854  42.871493    4507.600

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.429190 -437.629739   -4.310721
-125.052899  -17.929818   -1650.629
 0.25000   -5.429190 -408.264294   -4.310721
-120.054073  -16.824577   -1588.797
 0.50000   -5.429190 -379.350714   -4.310721
-115.325351  -15.819764   -1526.921
 0.75000   -5.429190 -351.944085   -4.310721
-110.871379  -16.491635   -1465.160
 1.00000   -5.429190 -327.008890   -4.310721
-106.695180  -16.901174   -1403.329

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.629357  134.269730    2.855243
480.893763  38.302165    4264.010
 0.25000    5.629357  152.207163    2.855243
483.006938  38.192318    4462.362
 0.50000    5.629357  172.302004    2.855243
485.296137  38.851841    4646.245
 0.75000    5.629357  193.772251    2.855243
487.761237  40.515174    4819.918
 1.00000    5.629357  215.727453    2.855243
490.391730  43.013206    4969.079

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.368154 -442.955246   -5.048611
-351.968692  -22.638803   -1880.058
 0.25000   -7.368154 -418.817484   -5.048611
-348.621012  -21.206664   -1809.587
 0.50000   -7.368154 -395.048875   -5.048611
-345.446740  -18.418427   -1739.130
 0.75000   -7.368154 -372.521541   -5.048611
-342.454852  -17.196612   -1668.729
 1.00000   -7.368154 -352.024989   -5.048611
-339.650340  -16.734754   -1578.457

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.566548  173.221666    3.860498
652.826137  36.681180    3879.335
 0.25000    7.566548  205.344938    3.860498
634.144510  35.739207    4053.694
 0.50000    7.566548  241.670124    3.860498
620.437722  36.014838    4216.086
 0.75000    7.566548  281.101700    3.860498
606.805250  37.613664    4378.496
 1.00000    7.566548  322.382453    3.860498
593.151183  40.289740    4536.839

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.465755 -481.524938   -4.712937
-688.491310  -14.516067   -1414.185
 0.25000   -6.465755 -443.689254   -4.712937
-673.482563  -12.638436   -1361.250
 0.50000   -6.465755 -407.159807   -4.712937
-662.418329  -11.250917   -1308.320
 0.75000   -6.465755 -373.117551   -4.712937
-651.436948  -11.112270   -1255.392
 1.00000   -6.465755 -344.899640   -4.712937
-640.472963  -12.124090   -1202.470

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1351

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.007779  145.347467    4.085889
683.464200  40.214530    4274.791
 0.25000    9.007779  169.071037    4.085889
671.336663  38.494404    4477.857
 0.50000    9.007779  196.102781    4.085889
659.944539  38.851841    4663.853
 0.75000    9.007779  224.984506    4.085889
649.281039  40.515174    4836.054
 1.00000    9.007779  254.518860    4.085889
639.345658  43.013206    4980.476

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.368154 -450.706220   -5.048611
-728.032667  -22.638803   -1880.058
 0.25000   -7.368154 -421.048452   -5.048611
-718.657271  -20.206664   -1809.587
 0.50000   -7.368154 -395.671841   -5.048611
-709.863664  -18.418427   -1739.130
 0.75000   -7.368154 -373.363685   -5.048611
-701.621932  -17.196612   -1668.729
 1.00000   -7.368154 -353.077872   -5.048611
-693.932328  -18.346144   -1578.457

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.007779  173.221666    4.085889
683.464200  40.214530    4274.791
 0.25000    9.007779  205.344938    4.085889
671.336663  38.494404    4477.857
 0.50000    9.007779  241.670124    4.085889
659.944539  38.851841    4663.853
 0.75000    9.007779  281.101700    4.085889
649.281039  40.515174    4836.054
 1.00000    9.007779  322.382453    4.085889
639.345658  43.013206    4980.476

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.368154 -481.524938   -5.048611
-728.032667  -22.638803   -1880.058
 0.25000   -7.368154 -443.689254   -5.048611
-718.657271  -20.206664   -1809.587
 0.50000   -7.368154 -407.159807   -5.048611
-709.863664  -18.418427   -1739.130
 0.75000   -7.368154 -373.363685   -5.048611
-701.621932  -17.196612   -1668.729
 1.00000   -7.368154 -353.077872   -5.048611
-693.932328  -18.346144   -1578.457

 COMB    DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.007779  173.221666    4.085889
683.464200  40.214530    4274.791
 0.25000    9.007779  205.344938    4.085889
671.336663  38.494404    4477.857
 0.50000    9.007779  241.670124    4.085889
659.944539  38.851841    4663.853
 0.75000    9.007779  281.101700    4.085889
649.281039  40.515174    4836.054
 1.00000    9.007779  322.382453    4.085889
639.345658  43.013206    4980.476

 COMB    DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.368154 -481.524938   -5.048611
-728.032667  -22.638803   -1880.058
 0.25000   -7.368154 -443.689254   -5.048611
-718.657271  -20.206664   -1809.587
 0.50000   -7.368154 -407.159807   -5.048611
-709.863664  -18.418427   -1739.130
 0.75000   -7.368154 -373.363685   -5.048611
-701.621932  -17.196612   -1668.729
 1.00000   -7.368154 -353.077872   -5.048611
-693.932328  -18.346144   -1578.457
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1352

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      105 ================== LENGTH
=    4.958712

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.473097   31.654128    1.612736
126.264415   3.784755    1418.321
 0.25000    4.473097   32.174232    1.612736
127.479982   3.979840    1433.352
 0.50000    4.473097   32.760341    1.612736
128.696989   4.266316    1458.157
 0.75000    4.473097   33.395179    1.612736
129.922678   4.683145    1492.517
 1.00000    4.473097   34.060541    1.612736
131.589249   5.241371    1533.184

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.537126  -66.764352   -1.308319
-252.660693  -7.956068  -451.107940
 0.25000   -1.537126  -66.095467   -1.308319
-250.991852  -7.573212  -430.588832
 0.50000   -1.537126  -65.452971   -1.308319
-249.761015  -7.613555  -410.070004
 0.75000   -1.537126  -64.854910   -1.308319
-248.538527  -8.216987  -389.551233
 1.00000   -1.537126  -64.318531   -1.308319
-247.317559  -9.348939  -369.032463

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.282429   97.935490    2.454534
278.317192  17.031671    2841.919
 0.25000    5.282429  103.149079    2.454534
289.292137  16.819962    2860.842
 0.50000    5.282429  109.024330    2.454534
300.281353  17.114232    2897.919
 0.75000    5.282429  115.387775    2.454534
311.349602  17.989755    2963.584
 1.00000    5.282429  122.054963    2.454534
326.397035  19.400375    3046.811

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.813793 -183.634578   -2.441569
-504.475402  -8.445948  -810.111923
 0.25000   -5.813793 -176.932069   -2.441569
-489.406358  -7.883446  -773.735691
 0.50000   -5.813793 -170.492007   -2.441569
-478.285782  -7.843087  -737.362709
 0.75000   -5.813793 -164.496869   -2.441569
-467.248501  -8.381272  -700.989864
 1.00000   -5.813793 -159.120054   -2.441569
-456.222777  -9.434658  -664.617020

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.097527  191.405657    3.778567
206.260361  35.473677    4141.766
 0.25000    6.097527  221.638508    3.778567
204.030325  34.695615    4251.316
 0.50000    6.097527  255.711912    3.778567
202.519533  34.945816    4328.390
 0.75000    6.097527  292.601537    3.778567
200.954317  36.345095    4380.802
 1.00000    6.097527  331.133448    3.778567
199.460949  38.776484    4409.899

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.240324 -417.552708   -4.083552
-352.490578  -10.204155   -1092.175
 0.25000   -5.240324 -378.826571   -4.083552
-354.225527   -9.772595   -1043.526
 0.50000   -5.240324 -341.489565   -4.083552
-355.900472   -9.818965   -994.876749
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1353

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000   -5.240324 -306.718726   -4.083552
-357.540781  -10.391776  -946.226619
 1.00000   -5.240324 -275.533284   -4.083552
-359.893822  -11.418316  -897.579472

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.380219  196.505579    3.602518
333.975597  37.209330    4529.690
 0.25000    7.380219  221.368415    3.602518
333.725443  36.476765    4615.805
 0.50000    7.380219  249.387863    3.602518
333.725443  36.831478    4688.984
 0.75000    7.380219  279.723671    3.602518
333.725443  38.281476    4761.314
 1.00000    7.380219  311.410425    3.602518
333.725443  40.704782    4827.486

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.932345 -405.768220   -3.976274
-405.660030  -11.122423   -1202.332
 0.25000   -4.932345 -373.921694   -3.976274
-405.717286  -10.918133   -1148.697
 0.50000   -4.932345 -343.217988   -3.976274
-406.206222  -11.114602   -1095.062
 0.75000   -4.932345 -314.623426   -3.976274
-406.696814  -11.753457   -1041.427
 1.00000   -4.932345 -288.978776   -3.976274
-407.215173  -12.774376   -987.793019

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.206735  102.561371    1.585412
140.921489  21.190955    1769.930
 0.25000    1.206735  119.075812    1.585412
161.406518  20.521242    1816.146
 0.50000    1.206735  137.686325    1.585412
181.926463  20.448932    1844.374
 0.75000    1.206735  157.840069    1.585412
202.607142  21.115348    1863.361
 1.00000    1.206735  178.929562    1.585412
230.696059  22.367288    1871.000

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.879144 -213.747627   -2.000103
-272.075018   -3.119994  -418.298195
 0.25000   -4.879144 -192.548638   -2.000103
-243.930454   -3.022761  -399.920023
 0.50000   -4.879144 -172.151520   -2.000103
-223.127230   -2.928470  -381.547906
 0.75000   -4.879144 -153.160345   -2.000103
-202.488335   -2.834195  -363.175789
 1.00000   -4.879144 -136.127946   -2.000103
-181.879333   -2.741221  -344.803673

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.853118  200.670093    3.093675
152.466468  41.281002    3437.897
 0.25000    3.853118  233.681638    3.093675
152.466468  40.051789    3532.183
 0.50000    3.853118  270.883728    3.093675
152.466468  39.989170    3588.468
 0.75000    3.853118  311.161488    3.093675
152.466468  41.290315    3622.879
 1.00000    3.853118  353.233091    3.093675
152.466468  43.702357    3632.657

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.605344 -420.506569   -3.815067
-159.910622   -6.450973  -807.584667
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1354

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -4.605344 -378.222813   -3.815067
-159.910622   -6.502082  -772.099051
 0.50000   -4.605344 -337.456586   -3.815067
-159.910622   -6.555795  -736.613434
 0.75000   -4.605344 -299.490820   -3.815067
-159.910622   -6.609963  -701.127818
 1.00000   -4.605344 -265.441300   -3.815067
-159.910622   -6.665281  -665.644505

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.714566  207.779807    3.191023
246.353750  39.482096    4269.678
 0.25000    5.714566  237.822909    3.191023
246.649365  38.549323    4365.834
 0.50000    5.714566  271.677922    3.191023
247.004801  38.764673    4436.801
 0.75000    5.714566  308.332406    3.191023
247.408013  40.207241    4494.171
 1.00000    5.714566  346.619801    3.191023
247.837766  42.662629    4536.526

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.184765 -433.794558   -3.790316
-344.429638   -8.935293   -1086.428
 0.25000   -5.184765 -395.314040   -3.790316
-343.937383   -8.674943   -1038.285
 0.50000   -5.184765 -358.215032   -3.790316
-343.401274   -8.436899   -990.142517
 0.75000   -5.184765 -323.665193   -3.790316
-342.920309   -8.219725  -941.999916
 1.00000   -5.184765 -292.677291   -3.790316
-342.507728   -8.022288   -893.859230

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.414665  196.011835    2.882214
358.609453  37.190818    4536.816
 0.25000    5.414665  221.331678    2.882214
358.609453  36.231934    4625.345
 0.50000    5.414665  249.865666    2.882214
358.609453  36.218778    4702.104
 0.75000    5.414665  280.758693    2.882214
358.609453  37.217296    4771.418
 1.00000    5.414665  313.027596    2.882214
358.609453  39.392986    4834.069

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.078730 -407.366941   -3.644532
-371.179977   -9.853845   -1198.846
 0.25000   -5.078730 -374.935317   -3.644532
-371.179977   -9.804168   -1145.365
 0.50000   -5.078730 -343.667636   -3.644532
-371.179977   -9.780689   -1091.883
 0.75000   -5.078730 -314.547985   -3.644532
-371.179977   -9.782402   -1038.401
 1.00000   -5.078730 -288.431939   -3.644532
-371.179977   -9.810930   -984.921206

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.175956   33.821949    0.977857
245.009281   8.357983    1458.597
 0.25000    1.175956   34.440533    0.977857
242.990239   7.773457    1473.284
 0.50000    1.175956   35.140677    0.977857
241.508200   7.341786    1497.562
 0.75000    1.175956   35.898381    0.977857
240.034631   7.056660    1511.812
 1.00000    1.175956   36.687143    0.977857
238.559420   7.842187    1573.346
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1355

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.530624  -69.525583   -1.570050
-128.816537   -3.673198  -448.969751
 0.25000   -1.530624  -68.733069   -1.570050
-130.290069   -3.847966  -428.333578
 0.50000   -1.530624  -67.966103   -1.570050
-131.762367   -4.141876  -407.697405
 0.75000   -1.530624  -67.251495   -1.570050
-133.243572   -4.456838  -387.061305
 1.00000   -1.530624  -66.613574   -1.570050
-135.262554   -4.795212  -366.425430

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.361986  102.702294    1.872180
491.807854  22.570449    2868.214
 0.25000    4.361986  109.321448    1.872180
473.112700  21.608678    2891.786
 0.50000    4.361986  116.808945    1.872180
459.398282  21.148267    2930.223
 0.75000    4.361986  124.912463    1.872180
445.753072  21.222171    2991.828
 1.00000    4.361986  133.352017    1.872180
432.096244  22.759043    3069.370

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.410435 -194.084583   -2.727866
-277.914027   -6.727023   -795.469362
 0.25000   -2.410435 -185.604549   -2.727866
-291.560094   -7.157454   -759.502997
 0.50000   -2.410435 -177.402078   -2.727866
-305.195279   -7.608259   -723.536631
 0.75000   -2.410435 -169.760039   -2.727866
-318.106730   -8.080357   -687.570584
 1.00000   -2.410435 -162.933801   -2.727866
-337.603243   -8.576986   -651.607404

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.185198  193.346979    3.221196
328.487502  40.157931    4140.242
 0.25000    4.185198  223.847846    3.221196
329.346734  38.689660    4249.554
 0.50000    4.185198  258.217449    3.221196
330.266751  38.224469    4326.083
 0.75000    4.185198  295.429435    3.221196
331.238970  38.877455    4376.533
 1.00000    4.185198  334.299470    3.221196
332.441552  41.410855    4404.333

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.562227 -419.581204   -4.347302
-211.648717   -8.639249   -1075.000
 0.25000   -3.562227 -380.515071   -4.347302
-210.382153   -9.013019   -1026.894
 0.50000   -3.562227 -342.851802   -4.347302
-209.273655   -9.405567   -978.788888
 0.75000   -3.562227 -307.776846   -4.347302
-208.224717   -9.818122   -930.683574
 1.00000   -3.562227 -276.316735   -4.347302
-207.245210  -10.252831   -882.580078

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.599386  196.380147    3.107589
384.541118  39.520013    4527.542
 0.25000    4.599386  221.357830    3.107589
384.541118  38.177381    4614.381
 0.50000    4.599386  249.505951    3.107589
384.541118  37.771675    4687.957
 0.75000    4.599386  279.981288    3.107589
384.541118  38.497538    4759.033
 1.00000    4.599386  311.813964    3.107589
384.541118  40.956211    4824.167
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<               MOVING              LOAD              >
                                    1356

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.248871 -405.819904   -4.137464
-345.613812   -9.646140   -1196.467
 0.25000   -6.248871 -373.826699   -4.137464
-345.613812   -9.749120   -1142.974
 0.50000   -6.248871 -342.981774   -4.137464
-345.613812   -9.878827   -1089.480
 0.75000   -6.248871 -314.255918   -4.137464
-345.613812  -10.034575   -1035.987
 1.00000   -6.248871 -288.492780   -4.137464
-345.613813  -10.216345  -982.494927
```

COMB DL-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.693967	31.624662	1.712837
112.028631	6.613706	1709.621	
0.25000	6.693967	32.019773	1.712837
113.027863	5.852574	1731.682	
0.50000	6.693967	32.460558	1.712837
114.101583	5.324137	1755.755	
0.75000	6.693967	32.930022	1.712837
115.251939	5.080380	1781.913	
1.00000	6.693967	33.409515	1.712837
116.476439	5.209878	1808.732	

COMB DL-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.900833	-77.240010	-1.380375
-280.645805	-11.364155	-595.188075	
0.25000	-1.900833	-76.736881	-1.380375
-279.385114	-10.370894	-568.060969	
0.50000	-1.900833	-76.243161	-1.380375
-278.200817	-9.904551	-540.886972	
0.75000	-1.900833	-75.775863	-1.380375
-277.094162	-10.256716	-513.960606	
1.00000	-1.900833	-75.351994	-1.380375
-276.064199	-11.032586	-486.847682	

COMB DL-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.722100	91.435325	2.554337
246.769080	21.825260	3229.882	
0.25000	7.722100	94.774434	2.554337
254.014776	21.210388	3258.528	
0.50000	7.722100	98.497963	2.554337
261.803803	20.602638	3296.512	
0.75000	7.722100	102.465414	2.554337
270.149775	20.706202	3347.653	
1.00000	7.722100	106.519190	2.554337
279.053585	21.381437	3405.480	

COMB DL-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.761809	-185.109861	-2.680407
-514.095073	-14.243766	-1064.312	
0.25000	-5.761809	-180.858029	-2.680407
-504.942119	-12.995579	-1016.524	
0.50000	-5.761809	-176.685678	-2.680407
-496.344073	-12.257716	-968.767335	
0.75000	-5.761809	-172.736619	-2.680407
-488.310456	-12.186760	-921.066075	
1.00000	-5.761809	-169.154573	-2.680407
-480.835246	-12.612882	-873.261309	

COMB DL-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.222607	166.630099	3.611040
214.511881	39.792230	4583.368	
0.25000	8.222607	189.154738	3.611040
209.826319	38.773900	4686.367	
0.50000	8.222607	214.269928	3.611040
205.446685	38.453126	4759.642	
0.75000	8.222607	241.031543	3.611040
201.366907	39.010194	4805.089	
1.00000	8.222607	268.374278	3.611040
197.585275	40.409528	4818.889	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1357

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.824899	-377.304365	-3.878451
-397.854199	-17.169895	-1446.564	
0.25000	-5.824899	-348.641490	-3.878451
-401.736794	-16.153479	-1382.168	
0.50000	-5.824899	-320.482436	-3.878451
-405.918504	-15.620988	-1317.849	
0.75000	-5.824899	-293.845055	-3.878451
-410.399311	-15.686609	-1253.579	
1.00000	-5.824899	-269.717704	-3.878451
-415.191145	-16.234078	-1189.238	

COMB DL-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.725130	172.261444	3.548040
339.513629	42.508835	4979.825	
0.25000	8.725130	190.403739	3.548040
336.337548	41.848121	5066.906	
0.50000	8.725130	211.477481	3.548040
333.369327	41.913136	5137.497	
0.75000	8.725130	233.506496	3.548040
330.603543	42.852727	5196.707	
1.00000	8.725130	256.013875	3.548040
328.043959	44.550541	5236.573	

COMB DL-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.634918	-373.813549	-3.822618
-427.075297	-18.340844	-1575.015	
0.25000	-5.634918	-350.219443	-3.822618
-429.731686	-17.824627	-1504.794	
0.50000	-5.634918	-327.040067	-3.822618
-432.593083	-17.728943	-1434.632	
0.75000	-5.634918	-305.113274	-3.822618
-435.662872	-18.143788	-1364.513	
1.00000	-5.634918	-285.251546	-3.822618
-438.943441	-18.970843	-1294.320	

COMB DL-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.389451	85.699083	1.364014
123.610257	21.978576	1816.931	
0.25000	1.389451	98.295606	1.364014
141.906023	21.863486	1860.958	
0.50000	1.389451	112.342329	1.364014
161.637704	22.050255	1889.025	
0.75000	1.389451	127.309186	1.364014
182.747856	22.653683	1904.174	
1.00000	1.389451	142.601334	1.364014
205.273736	23.554655	1903.083	

COMB DL-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.493296	-183.800042	-1.880846
-256.517550	-4.811862	-540.675269	
0.25000	-4.493296	-167.772050	-1.880846
-233.310023	-4.598096	-516.959355	
0.50000	-4.493296	-152.019918	-1.880846
-211.524556	-4.394193	-493.280710	
0.75000	-4.493296	-137.123201	-1.880846
-191.140218	-4.193651	-469.619749	
1.00000	-4.493296	-123.624141	-1.880846
-172.181450	-3.995152	-445.902806	

COMB DL-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.661526	168.913237	2.738079
141.804927	42.190423	3564.977	
0.25000	3.661526	194.105738	2.738079
141.804927	41.813158	3653.031	
0.50000	3.661526	222.191838	2.738079
141.804927	42.067933	3708.510	
0.75000	3.661526	252.117051	2.738079
141.804927	43.157720	3737.309	
1.00000	3.661526	282.692167	2.738079
141.804927	44.861830	3732.805	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1358

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.670546	-363.103168	-3.284843
-151.491484	-10.117096	-1055.470	
0.25000	-4.670546	-331.051530	-3.284843
-151.491484	-10.166383	-1009.177	
0.50000	-4.670546	-299.563329	-3.284843
-151.491484	-10.271359	-962.968976	
0.75000	-4.670546	-269.776725	-3.284843
-151.491484	-10.405463	-916.776534	
1.00000	-4.670546	-242.788974	-3.284843
-151.491484	-10.573108	-870.482726	

COMB DL-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.408016	178.739386	3.037697
225.173412	43.374701	4601.416	
0.25000	6.408016	201.752724	3.037697
225.668968	42.772458	4696.536	
0.50000	6.408016	227.407570	3.037697
226.202917	42.754762	4765.167	
0.75000	6.408016	254.742338	3.037697
226.769607	43.491531	4812.312	
1.00000	6.408016	282.670772	3.037697
227.365265	44.867125	4831.933	

COMB DL-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.814076	-389.784512	-3.552137
-353.692538	-13.986244	-1423.935	
0.25000	-5.814076	-360.507299	-3.552137
-352.854490	-13.528224	-1360.881	
0.50000	-5.814076	-331.744762	-3.552137
-352.048837	-13.132568	-1297.905	
0.75000	-5.814076	-304.536534	-3.552137
-351.279900	-12.770902	-1235.003	
1.00000	-5.814076	-279.883106	-3.552137
-350.551321	-12.499017	-1172.012	

COMB DL-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.129466	171.166807	2.896474
351.065447	42.404862	4980.430	
0.25000	6.129466	190.625051	2.896474
351.065447	42.255030	5072.386	
0.50000	6.129466	212.318261	2.896474
351.065447	42.606412	5144.677	
0.75000	6.129466	235.431969	2.896474
351.065447	43.572991	5201.242	
1.00000	6.129466	259.047650	2.896474
351.065447	45.222838	5236.819	

COMB DL-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.978551	-376.492817	-3.557682
-366.886189	-15.255612	-1569.106	
0.25000	-5.978551	-351.776965	-3.557682
-366.886189	-15.222377	-1499.188	
0.50000	-5.978551	-327.415764	-3.557682
-366.886189	-15.252391	-1429.260	
0.75000	-5.978551	-304.409115	-3.557682
-366.886189	-15.320738	-1359.401	
1.00000	-5.978551	-283.564251	-3.557682
-366.886189	-15.465159	-1289.475	

COMB DL-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.426855	33.490251	1.126598
268.707437	9.959578	1734.375	
0.25000	1.426855	33.978269	1.126598
267.131750	10.210394	1755.513	
0.50000	1.426855	34.525047	1.126598
265.652210	10.686844	1779.409	
0.75000	1.426855	35.107529	1.126598
264.269483	11.389657	1805.131	
1.00000	1.426855	35.702555	1.126598
262.982037	12.578907	1833.277	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1359

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.724412	-79.333966	-1.661868
-113.250346	-6.960898	-589.034280	
0.25000	-2.724412	-78.710315	-1.661868
-114.503563	-6.572108	-561.057030	
0.50000	-2.724412	-78.097479	-1.661868
-115.854480	-6.915099	-533.998564	
0.75000	-2.724412	-77.517872	-1.661868
-117.300931	-7.436721	-506.498037	
1.00000	-2.724412	-76.995142	-1.661868
-118.845485	-8.104653	-479.441157	

COMB DL-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.358468	94.599043	2.172909
491.439902	25.411192	3220.351	
0.25000	4.358468	99.020308	2.172909
479.524660	25.682104	3251.734	
0.50000	4.358468	103.968155	2.172909
468.351709	26.362016	3289.262	
0.75000	4.358468	109.241168	2.172909
457.894930	27.522645	3338.173	
1.00000	4.358468	114.629717	2.172909
448.169331	29.339175	3391.909	

COMB DL-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.651468	-191.632829	-2.720411
-243.823699	-11.389054	-1042.355	
0.25000	-3.651468	-185.986902	-2.720411
-253.304826	-11.975825	-990.151436	
0.50000	-3.651468	-180.438928	-2.720411
-263.521808	-12.741566	-943.406068	
0.75000	-3.651468	-175.191796	-2.720411
-274.461060	-13.688291	-896.502849	
1.00000	-3.651468	-170.455173	-2.720411
-286.140345	-14.758129	-849.595643	

COMB DL-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.377886	166.214474	3.146299
363.539272	42.442869	4506.575	
0.25000	4.377886	189.004697	3.146299
367.153541	42.448666	4608.890	
0.50000	4.377886	214.404445	3.146299
371.048372	43.154435	4680.605	
0.75000	4.377886	241.467455	3.146299
375.214257	44.678464	4724.106	
1.00000	4.377886	269.118296	3.146299
379.646467	47.092324	4735.602	

COMB DL-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.031407	-375.221364	-3.982639
-216.783726	-13.879928	-1403.757	
0.25000	-5.031407	-346.234895	-3.982639
-212.012576	-14.291876	-1340.966	
0.50000	-5.031407	-317.760472	-3.982639
-207.520772	-14.901464	-1278.384	
0.75000	-5.031407	-290.624497	-3.982639
-203.304517	-15.672238	-1215.615	
1.00000	-5.031407	-266.405186	-3.982639
-199.362807	-16.562836	-1152.782	

COMB DL-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.203579	171.804759	3.092485
401.774928	44.179428	4968.641	
0.25000	5.203579	190.537289	3.092485
404.152934	44.022982	5056.617	
0.50000	5.203579	211.415938	3.092485
406.714833	44.493649	5127.236	
0.75000	5.203579	233.661785	3.092485
409.455291	45.795489	5185.651	
1.00000	5.203579	256.390818	3.092485
412.371688	47.945074	5224.411	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1360

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.064318	-373.688019	-4.035536
-357.735300	-17.340550	-1578.630	
0.25000	-7.064318	-349.861147	-4.035536
-354.565676	-15.372225	-1508.041	
0.50000	-7.064318	-326.455082	-4.035536
-351.572444	-15.513391	-1437.600	
0.75000	-7.064318	-304.312061	-4.035536
-348.761646	-15.799389	-1354.997	
1.00000	-7.064318	-284.432312	-4.035536
-346.135069	-16.201816	-1285.105	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.380219	207.779807	3.778567
491.807854	41.281002	4536.816	
0.25000	7.380219	237.822909	3.778567
473.112700	40.051789	4626.345	
0.50000	7.380219	271.677922	3.778567
459.398282	39.989170	4702.104	
0.75000	7.380219	311.161488	3.778567
445.753072	41.290315	4771.418	
1.00000	7.380219	353.233091	3.778567
432.096244	43.702357	4834.069	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.248871	-433.794558	-4.347302
-504.475402	-11.122423	-1202.332	
0.25000	-6.248871	-395.314040	-4.347302
-489.406358	-10.918163	-1148.697	
0.50000	-6.248871	-358.215032	-4.347302
-474.285782	-11.134602	-1095.062	
0.75000	-6.248871	-323.665193	-4.347302
-467.248501	-11.753457	-1041.427	
1.00000	-6.248871	-292.677291	-4.347302
-456.222777	-12.774376	-987.793019	

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.725130	178.739386	3.611040
491.439902	44.179428	4980.430	
0.25000	8.725130	201.752724	3.611040
479.524660	44.022982	5072.386	
0.50000	8.725130	227.407570	3.611040
468.351709	44.493649	5144.677	
0.75000	8.725130	254.742338	3.611040
457.894930	45.795489	5201.242	
1.00000	8.725130	282.692167	3.611040
448.169331	47.945074	5236.819	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.064318	-389.784512	-4.035536
-514.095073	-18.340844	-1578.630	
0.25000	-7.064318	-360.507299	-4.035536
-504.942119	-17.824627	-1508.041	
0.50000	-7.064318	-331.744762	-4.035536
-496.344073	-17.728943	-1437.600	
0.75000	-7.064318	-305.113274	-4.035536
-488.310456	-18.143788	-1364.513	
1.00000	-7.064318	-285.251546	-4.035536
-480.835246	-18.970843	-1294.320	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.725130	207.779807	3.778567
491.807854	44.179428	4980.430	
0.25000	8.725130	237.822909	3.778567
479.524660	44.022982	5072.386	
0.50000	8.725130	271.677922	3.778567
468.351709	44.493649	5144.677	
0.75000	8.725130	311.161488	3.778567
457.894930	45.795489	5201.242	
1.00000	8.725130	353.233091	3.778567
448.169331	47.945074	5236.819	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1361

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.064318	-433.794558	-4.347302
-514.095073	-18.340844	-1578.630	
0.25000	-7.064318	-395.314040	-4.347302
-504.942119	-17.824627	-1508.041	
0.50000	-7.064318	-358.215032	-4.347302
-496.344073	-17.728943	-1437.600	
0.75000	-7.064318	-323.665193	-4.347302
-488.310456	-18.143788	-1364.513	
1.00000	-7.064318	-292.677291	-4.347302
-480.835246	-18.970843	-1294.320	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.725130	207.779807	3.778567
491.807854	44.179428	4980.430	
0.25000	8.725130	237.822909	3.778567
479.524660	44.022982	5072.386	
0.50000	8.725130	271.677922	3.778567
468.351709	44.493649	5144.677	
0.75000	8.725130	311.161488	3.778567
457.894930	45.795489	5201.242	
1.00000	8.725130	353.233091	3.778567
448.169331	47.945074	5236.819	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.064318	-433.794558	-4.347302
-514.095073	-18.340844	-1578.630	
0.25000	-7.064318	-395.314040	-4.347302
-504.942119	-17.824627	-1508.041	
0.50000	-7.064318	-358.215032	-4.347302
-496.344073	-17.728943	-1437.600	
0.75000	-7.064318	-323.665193	-4.347302
-488.310456	-18.143788	-1364.513	
1.00000	-7.064318	-292.677291	-4.347302
-480.835246	-18.970843	-1294.320	

ELEM 106 ================== LENGTH = 4.957498

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.527967	49.343852	0.667832
254.848864	4.973797	1533.141	
0.25000	4.527967	49.872353	0.667832
256.069914	5.501898	1511.939	
0.50000	4.527967	50.466203	0.667832
257.292419	6.246890	1498.135	
0.75000	4.527967	51.108208	0.667832
258.524493	7.222933	1491.885	
1.00000	4.527967	51.780529	0.667832
260.194970	8.449475	1493.861	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.375059	-43.534069	-2.155602
-111.098449	-9.387333	-368.690994	
0.25000	-1.375059	-42.858892	-2.155602
-109.469303	-7.980527	-348.466660	
0.50000	-1.375059	-42.209943	-2.155602
-108.199620	-6.945389	-328.246327	
0.75000	-1.375059	-41.605481	-2.155602
-106.977683	-6.420780	-308.023994	
1.00000	-1.375059	-41.062800	-2.155602
-105.756016	-6.532782	-287.802574	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.272649	129.552803	1.501089
464.925942	18.964734	3046.678	
0.25000	5.272649	134.850632	1.501089
475.950092	19.254724	3000.306	
0.50000	5.272649	140.803541	1.501089
486.993083	20.080533	2971.160	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1362

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	5.272649	147.238886	1.501089
498.119945	21.587285	2967.650	
1.00000	5.272649	153.975597	1.501089
513.206672	23.774523	2979.719	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.705821	-143.815368	-3.283804
-302.076557	-9.727941	-664.138518	
0.25000	-5.705821	-137.449274	-3.283804
-287.004841	-8.001180	-627.811645	
0.50000	-5.705821	-130.545154	-3.283804
-275.899179	-6.851300	-591.484771	
0.75000	-5.705821	-124.486027	-3.283804
-264.863953	-6.249116	-555.158244	
1.00000	-5.705821	-119.046215	-3.283804
-253.832255	-6.209366	-518.833400	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.832629	233.931249	2.859265
368.888873	38.245628	4409.883	
0.25000	5.832629	264.655650	2.859265
366.599891	37.958355	4433.679	
0.50000	5.832629	299.182651	2.859265
365.034743	38.711927	4430.334	
0.75000	5.832629	336.492127	2.859265
363.327745	40.708056	4392.722	
1.00000	5.832629	375.149676	2.859265
361.795048	43.890996	4331.139	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.814288	-366.168998	-4.940401
-180.943219	-11.268491	-897.180683	
0.25000	-4.814288	-327.074404	-4.940401
-180.943219	-9.795481	-848.155456	
0.50000	-4.814288	-289.371967	-4.940401
-180.943356	-8.839800	-799.130230	
0.75000	-4.814288	-254.237433	-4.940401
-181.447791	-8.379482	-750.105133	
1.00000	-4.814288	-222.697786	-4.940401
-183.610320	-8.415892	-701.080754	

COMB DB-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.198569	243.521548	2.829010
408.847330	40.127939	4827.500	
0.25000	7.198569	268.788717	2.829010
408.354272	39.810090	4817.729	
0.50000	7.198569	297.131131	2.829010
407.881668	40.491208	4799.025	
0.75000	7.198569	327.862203	2.829010
407.416954	42.359753	4775.523	
1.00000	7.198569	359.870265	2.829010
407.306144	45.387843	4735.685	

COMB DB-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.554131	-348.681767	-4.713907
-320.001580	-12.132624	-987.627819	
0.25000	-4.554131	-316.532259	-4.713907
-320.001580	-10.898145	-933.577236	
0.50000	-4.554131	-285.527941	-4.713907
-320.001580	-10.122310	-879.526653	
0.75000	-4.554131	-256.635833	-4.713907
-320.001580	-9.813842	-825.476176	
1.00000	-4.554131	-230.698272	-4.713907
-320.001580	-9.972435	-771.426296	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.023099	118.830868	1.483382
183.037565	22.241025	1870.835	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1363

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	1.023099	135.612856	1.483382
203.641948	21.669767	1884.554	
0.50000	1.023099	154.470063	1.483382
224.293994	21.653650	1884.551	
0.75000	1.023099	174.852201	1.483382

245.118026 22.321746 1873.821
1.00000 1.023099 196.159146 1.483382
273.303572 23.545695 1843.957

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.955080 -195.264225 -1.896125
-228.368721 -2.876253 -344.714087
0.25000 -4.955080 -173.865063 -1.896125
-200.221299 -2.806266 -325.333668
0.50000 -4.955080 -153.265140 -1.896125
-179.453191 -2.756266 -307.154229
0.75000 -4.955080 -134.073327 -1.896125
-158.827454 -2.721460 -288.376194
1.00000 -4.955080 -116.843414 -1.896125
-138.217530 -2.706407 -269.598917

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.529521 232.226504 2.908512
161.235218 43.414437 3632.682
0.25000 3.529521 265.774934 2.908512
161.235218 42.309562 3663.673
0.50000 3.529521 303.472207 2.908512
161.235218 42.316302 3665.598
0.75000 3.529521 344.208385 2.908512
161.235218 43.663390 3642.818
1.00000 3.529521 386.706624 2.908512
161.235218 46.140657 3579.739

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.262508 -384.752338 -3.906470
-154.459155 -6.379539 -665.654191
0.25000 -4.262508 -342.066260 -3.906470
-154.459155 -6.305423 -629.341750
0.50000 -4.262508 -300.900914 -3.906470
-154.459155 -6.254228 -593.029309
0.75000 -4.262508 -262.540149 -3.906470
-154.459155 -6.264236 -556.717015
1.00000 -4.262508 -228.101625 -3.906470
-154.459155 -6.341167 -520.405427

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.450127 250.172354 2.988228
347.980362 42.088778 4536.520
0.25000 5.450127 280.704159 2.988228
348.383638 41.507463 4547.208
0.50000 5.450127 315.009764 2.988228
348.873099 42.073599 4538.013
0.75000 5.450127 352.081432 2.988228
349.435155 43.950271 4513.167
1.00000 5.450127 390.757157 2.988228
349.971392 46.946612 4458.437

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.890337 -383.630388 -4.376989
-234.823895 -8.673193 -893.627948
0.25000 -4.890337 -344.783725 -4.376989
-234.823895 -8.219589 -844.826679
0.50000 -4.890337 -307.321426 -4.376989
-234.823895 -7.833399 -796.025410
0.75000 -4.890337 -272.411918 -4.376989
-234.823895 -7.554918 -747.224245
1.00000 -4.890337 -241.070108 -4.376989
-234.823895 -7.395590 -698.423580
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1364

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.204306 243.140394 2.799155
364.830218 38.737104 4834.107
0.25000 5.204306 268.872026 2.799155
364.830218 38.212519 4828.310
0.50000 5.204306 297.785820 2.799155
364.830218 39.013313 4811.188
0.75000 5.204306 329.030453 2.799155
364.830218 40.907159 4786.014
1.00000 5.204306 361.626586 2.799155
364.830218 43.731723 4741.441

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.855685 -350.509895 -3.954106
-354.017257 -9.460509 -984.941519
0.25000 -4.855685 -317.769689 -3.954106
-354.017257 -9.233643 -931.000509
0.50000 -4.855685 -286.195885 -3.954106
-354.017257 -9.089953 -877.059498
0.75000 -4.855685 -256.773193 -3.954106
-354.017257 -9.053053 -823.118575
1.00000 -4.855685 -230.358858 -3.954106
-354.017257 -9.133624 -769.178070

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.018603 52.123089 1.450757
113.797467 7.108659 1573.426
0.25000 1.018603 52.751561 1.450757
111.777846 7.387298 1550.571
0.50000 1.018603 53.461067 1.450757
110.295081 7.778554 1535.503
0.75000 1.018603 54.227494 1.450757
108.820505 8.297039 1528.656
1.00000 1.018603 55.024001 1.450757
107.343606 9.018411 1529.937

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.545171 -45.818119 -1.168533
-247.249789 -3.196546 -366.785386
0.25000 -1.545171 -45.017954 -1.168533
-248.725547 -3.346480 -346.465380
0.50000 -1.545171 -44.243697 -1.168533
-250.199607 -3.823996 -326.147375
0.75000 -1.545171 -43.521864 -1.168533
-251.681245 -4.189875 -305.828369
1.00000 -1.545171 -42.876608 -1.168533
-253.700193 -4.595117 -285.509364

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.245352 134.635324 2.279026
314.295185 21.851817 3069.574
0.25000 4.245352 141.360544 2.279026
295.594526 21.791128 3027.283
0.50000 4.245352 148.948372 2.279026
281.868527 22.281879 2999.471
0.75000 4.245352 157.144761 2.279026
268.217506 23.389515 2992.619
1.00000 4.245352 165.667560 2.279026
254.543087 25.048276 2998.148

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.311597 -154.310000 -2.477929
-440.729656 -6.692104 -652.101670
0.25000 -2.311597 -145.748255 -2.477929
-454.395965 -6.865944 -616.158133
0.50000 -2.311597 -137.467504 -2.477929
-468.038611 -7.094139 -580.214595
0.75000 -2.311597 -129.747891 -2.477929
-481.754306 -7.487874 -544.271064
1.00000 -2.311597 -122.843230 -2.477929
-500.444120 -7.981306 -508.327562
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1365

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.747139 235.957435 3.514119
187.411502 40.484038 4404.421
0.25000 3.747139 266.954517 3.514119
188.381686 39.869339 4427.983
0.50000 3.747139 301.781533 3.514119
189.439373 40.304847 4424.147
0.75000 3.747139 339.417050 3.514119
190.574392 41.901802 4391.600
1.00000 3.747139 378.681372 3.514119
191.885963 44.531619 4322.133

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.241490 -368.423296 -4.076625
-339.059870 -8.269368 -882.994270
0.25000 -3.241490 -328.985440 -4.076625
-337.789354 -8.550190 -839.513501
0.50000 -3.241490 -290.953301 -4.076625
-337.006347 -8.878712 -786.032732
0.75000 -3.241490 -255.513129 -4.076625
-337.006208 -9.287869 -737.551972
1.00000 -3.241490 -223.693734 -4.076625
-337.006208 -9.778461 -689.071259

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.244388 243.509381 3.389482
331.225469 39.994057 4824.230
0.25000 4.244388 268.893004 3.389482
331.225468 39.656925 4815.219
0.50000 4.244388 297.416089 3.389482
331.225468 40.304583 4796.430
0.75000 4.244388 328.238278 3.389482
331.225468 42.119163 4772.137
1.00000 4.244388 360.393770 3.389482
331.225468 44.938034 4730.660

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.037772 -348.704716 -4.069633
-387.028929 -9.155253 -982.676112
0.25000 -6.037772 -316.407099 -4.069633
-387.028929 -9.146282 -928.796427
0.50000 -6.037772 -285.260178 -4.069633
-387.028929 -9.212145 -874.916742
0.75000 -6.037772 -256.235361 -4.069633
-387.028929 -9.377997 -821.037159
1.00000 -6.037772 -230.177969 -4.069633
-387.028929 -9.652740 -767.158072

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.697797 50.771558 1.040465
256.523870 6.596962 1808.500
0.25000 6.697797 51.181305 1.040465
257.556665 6.428990 1785.629
0.50000 6.697797 51.637004 1.040465
258.666354 6.473428 1763.440
0.75000 6.697797 52.121290 1.040465
259.851601 7.039232 1743.353
1.00000 6.697797 52.616170 1.040465
261.113875 8.209167 1724.341

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.736633 -51.871048 -2.332433
-146.098156 -12.418872 -486.375771
0.25000 -1.736633 -51.378571 -2.332433
-144.870840 -10.252722 -459.688624
0.50000 -1.736633 -50.894454 -2.332433
-143.720631 -8.665382 -432.990095
0.75000 -1.736633 -50.437943 -2.332433
-142.647041 -8.038159 -406.292645
1.00000 -1.736633 -50.025423 -2.332433
-141.650401 -7.942032 -379.605820
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1366

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.612892 124.812528 2.054364
455.589787 23.319162 3405.133
0.25000 7.612892 128.275345 2.054364
463.084650 22.642933 3355.998
0.50000 7.612892 132.126427 2.054364
471.135948 22.386649 3312.825
0.75000 7.612892 136.219232 2.054364
479.745022 22.933289 3283.377
1.00000 7.612892 140.401466 2.054364
488.908320 24.290368 3260.695

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.599099 -142.452802 -3.422793
-320.872132 -14.698799 -872.602227
0.25000 -5.599099 -138.292083 -3.422793
-311.968858 -12.351356 -824.865497
0.50000 -5.599099 -134.203293 -3.422793
-303.623001 -10.524651 -777.088039
0.75000 -5.599099 -130.343123 -3.422793
-295.836162 -9.597745 -729.338240
1.00000 -5.599099 -126.856017 -3.422793
-288.606880 -9.324572 -681.606316

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.882687 210.378749 3.074085
394.389649 41.797093 4818.626
0.25000 7.882687 233.730747 3.074085
389.565127 41.138303 4817.473
0.50000 7.882687 259.698302 3.074085
385.053036 41.169202 4784.080
0.75000 7.882687 287.316088 3.074085
380.841756 42.321843 4722.490
1.00000 7.882687 315.525702 3.074085
376.934107 44.560371 4629.013

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.416340 -321.141498 -4.790130
-234.492655 -17.621264 -1188.691
0.25000 -5.416340 -293.065766 -4.790130
-238.220748 -15.508744 -1123.748
0.50000 -5.416340 -265.495003 -4.790130
-242.238223 -13.860190 -1058.740
0.75000 -5.416340 -239.462043 -4.790130
-246.546472 -13.009090 -993.809723
1.00000 -5.416340 -215.972774 -4.790130
-251.150741 -12.802358 -928.900815

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.442596 220.538502 3.007574
431.299214 44.631156 5236.474
0.25000 8.442596 239.761942 3.007574
427.988945 44.277359 5210.280
0.50000 8.442596 261.137309 3.007574
424.893024 44.582039 5163.002
0.75000 8.442596 283.871083 3.007574
422.009553 46.036665 5104.041
1.00000 8.442596 307.092037 3.007574
419.330694 48.503779 5026.549

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.254607 -312.534045 -4.708025
-350.566038 -16.938020 -1294.082
0.25000 -5.254607 -289.423286 -4.708025
-353.079879 -17.228126 -1223.253
0.50000 -5.254607 -266.728091 -4.708025
-355.789826 -15.942394 -1152.371
0.75000 -5.254607 -245.298802 -4.708025
-358.699367 -15.373877 -1081.535
1.00000 -5.254607 -225.962347 -4.708025
-361.811999 -15.567432 -1010.713
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1367

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.166138 101.396140 1.524729
169.586659 23.794186 1903.017
0.25000 1.166138 114.459476 1.524729
188.595199 23.211941 1909.812
0.50000 1.166138 128.981738 1.524729
209.022879 22.980404 1899.787
0.75000 1.166138 144.427180 1.524729
230.877930 23.051292 1876.665
1.00000 1.166138 160.204069 1.524729
254.140610 23.464001 1836.741

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.446251 -164.189355 -1.616732
-213.551592 -4.320337 -445.781162
0.25000 -4.446251 -148.483830 -1.616732
-191.037748 -4.155821 -421.525202
0.50000 -4.446251 -133.060539 -1.616732
-169.918081 -4.015207 -397.237294
0.75000 -4.446251 -118.499690 -1.616732
-150.215548 -3.891377 -372.951737
1.00000 -4.446251 -105.357228 -1.616732
-131.932738 -3.798459 -348.704747

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.267706 199.665686 2.692736
155.256396 44.419403 3732.820
0.25000 3.267706 225.786053 2.692736
155.256396 43.956328 3748.053
0.50000 3.267706 254.823255 2.692736
155.256396 44.102270 3728.868
0.75000 3.267706 285.705820 2.692736
155.256396 45.094579 3682.636
1.00000 3.267706 317.250265 2.692736
155.256396 46.743151 3602.243

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.318485 -324.785438 -3.451193
-149.056729 -10.116197 -870.490275
0.25000 -4.318485 -293.389044 -3.451193
-149.056729 -9.842708 -823.038956
0.50000 -4.318485 -262.558487 -3.451193
-149.056729 -9.607803 -775.528703
0.75000 -4.318485 -233.447543 -3.451193
-149.056729 -9.451093 -728.017091
1.00000 -4.318485 -207.174744 -3.451193
-149.056729 -9.443261 -680.643677

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.056780 221.413629 2.988118
339.853416 45.477166 4831.781
0.25000 6.056780 245.274673 2.988118
340.641548 45.205162 4825.701
0.50000 6.056780 271.798283 2.988118
341.478752 45.500723 4790.275
0.75000 6.056780 300.002724 2.988118
342.360892 46.663836 4732.627
1.00000 6.056780 328.821370 2.988118
343.284293 48.744878 4646.791

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.485154 -335.917060 -4.185596
-252.392229 -13.479271 -1171.686
0.25000 -5.485154 -307.238263 -4.185596
-251.833486 -12.676590 -1107.698
0.50000 -5.485154 -279.078398 -4.185596
-251.321078 -11.931890 -1043.672
0.75000 -5.485154 -252.485295 -4.185596
-251.189479 -11.338394 -979.690642
1.00000 -5.485154 -228.485067 -4.185596
-251.095794 -11.146607 -915.695892
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1368

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.817464 219.281326 2.933627
371.334693 44.326237 5236.848
0.25000 5.817464 239.456237 2.933627
371.334693 44.323121 5214.936
0.50000 5.817464 261.884061 2.933627
371.334693 44.983865 5169.839
0.75000 5.817464 285.737211 2.933627
371.334693 46.364620 5108.008
1.00000 5.817464 310.101584 2.933627
371.334693 48.515305 5024.978

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.690524 -315.561652 -3.935149
-362.886169 -14.607145 -1289.489
0.25000 -5.690524 -291.311630 -3.935149
-362.886169 -14.261195 -1218.831
0.50000 -5.690524 -267.498650 -3.935149
-362.886169 -13.979033 -1148.154
0.75000 -5.690524 -245.013870 -3.935149
-362.886169 -13.827257 -1077.520
1.00000 -5.690524 -224.721222 -3.935149
-362.886169 -14.010898 -1006.839

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.264700 53.147695 1.572118
140.282893 10.135605 1833.538
0.25000 1.264700 53.653626 1.572118
138.736811 10.261198 1808.557
0.50000 1.264700 54.218726 1.572118
137.288419 10.642613 1785.123
0.75000 1.264700 54.810975 1.572118
135.937055 11.267867 1764.014
1.00000 1.264700 55.433956 1.572118
134.683085 12.126869 1744.665

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.643191 -53.738787 -1.288263
-244.082547 -5.444628 -479.925504
0.25000 -2.643191 -53.127853 -1.288263
-245.368157 -5.788285 -453.310399
0.50000 -2.643191 -52.527815 -1.288263
-246.750715 -6.370830 -426.688884
0.75000 -2.643191 -51.961456 -1.288263
-248.229560 -7.139744 -400.070597
1.00000 -2.643191 -51.452580 -1.288263
-249.805172 -8.092027 -373.452766

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.150614 128.082228 2.401928
315.143942 26.003054 3392.264
0.25000 4.150614 132.665994 2.401928
303.446298 26.252783 3345.341
0.50000 4.150614 137.781532 2.401928
292.491881 27.018739 3302.550
0.75000 4.150614 143.224508 2.401928
282.271929 28.327523 3270.944
1.00000 4.150614 148.782703 2.401928
272.787751 30.075613 3244.384

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.432356 -149.437489 -2.676021
-423.117023 -11.082606 -850.255517
0.25000 -3.432356 -143.906582 -2.676021
-432.832268 -11.306819 -803.364693
0.50000 -3.432356 -138.474389 -2.676021
-443.277740 -11.716887 -756.442147
0.75000 -3.432356 -133.347067 -2.676021
-454.453171 -12.392418 -709.535673
1.00000 -3.432356 -128.736664 -2.676021
-466.360702 -13.336780 -662.631822
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1369

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.914376 209.481952 3.426121
225.162634 44.088520 4735.901
0.25000 3.914376 233.112017 3.426121
229.163154 44.063483 4735.385
0.50000 3.914376 259.371867 3.426121
233.449453 44.764915 4702.241
0.75000 3.914376 287.300632 3.426121
238.018437 46.314961 4640.211
1.00000 3.914376 315.828060 3.426121
242.871910 48.582342 4546.026

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.637474 -320.166766 -3.884888
-360.671328 -13.147222 -1153.334
0.25000 -4.637474 -291.772385 -3.884888
-356.270455 -13.448158 -1090.026
0.50000 -4.637474 -263.890067 -3.884888
-352.133510 -13.889375 -1026.629
0.75000 -4.637474 -237.562914 -3.884888
-348.265646 -14.533399 -963.303793
1.00000 -4.637474 -213.795236 -3.884888
-344.675706 -15.433515 -899.901017

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.791924 220.201259 3.570082
359.281016 46.162440 5224.547
0.25000 4.791924 239.624035 3.570082
361.957048 45.962198 5198.607
0.50000 4.791924 261.209695 3.570082
364.825335 46.412198 5151.662
0.75000 4.791924 284.167199 3.570082
367.879539 47.722161 5091.779
1.00000 4.791924 307.616791 3.570082
371.121363 49.796737 5012.954

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.761420 -312.467972 -4.023510
-410.885761 -14.293683 -1235.337
0.25000 -6.761420 -289.127869 -4.023510
-407.999093 -14.198199 -1214.850
0.50000 -6.761420 -266.208632 -4.023510
-405.281367 -14.232948 -1144.301
0.75000 -6.761420 -244.567740 -4.023510
-402.741236 -14.467382 -1073.839
1.00000 -6.761420 -225.031811 -4.023510
-400.382993 -15.061195 -1003.312

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.198569 250.172354 3.514119
464.925942 43.414437 4834.107
0.25000 7.198569 280.704159 3.514119
475.950092 42.309562 4828.310
0.50000 7.198569 315.009764 3.514119
486.993083 42.316302 4811.188
0.75000 7.198569 352.081432 3.514119
498.119945 43.950271 4786.014
1.00000 7.198569 390.757157 3.514119
513.206672 46.946612 4741.441

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.037772 -384.752338 -4.940401
-440.729656 -12.132624 -987.627819
0.25000 -6.037772 -344.783725 -4.940401
-454.395965 -10.898145 -933.577236
0.50000 -6.037772 -307.321426 -4.940401
-468.038611 -10.122310 -879.526653
0.75000 -6.037772 -272.411918 -4.940401
-481.754306 -9.813842 -825.476176
1.00000 -6.037772 -241.070108 -4.940401
-500.444120 -9.972435 -771.426296
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1370

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

```
 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    8.442596  221.413629    3.570082
455.589787   46.162440  5236.848
 0.25000    8.442596  245.274673    3.570082
463.084650   45.962198  5214.936
 0.50000    8.442596  271.798283    3.570082
471.135948   46.412198  5169.839
 0.75000    8.442596  300.007524    3.570082
479.745022   47.722161  5108.008
 1.00000    8.442596  328.821370    3.570082
488.908320   49.796737  5026.549

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.761420 -335.917060   -4.790130
-423.117023  -18.938020  -1294.082
 0.25000   -6.761420 -307.238263   -4.790130
-432.832268  -17.228126  -1223.253
 0.50000   -6.761420 -279.076398   -4.790130
-443.277740  -15.942394  -1152.371
 0.75000   -6.761420 -252.485295   -4.790130
-454.453171  -15.373877  -1081.535
 1.00000   -6.761420 -228.485067   -4.790130
-466.360702  -15.433515  -1010.713

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    8.442596  250.172354    3.570082
464.925942   46.162440  5236.848
 0.25000    8.442596  280.704159    3.570082
475.950092   45.962198  5214.936
 0.50000    8.442596  315.009764    3.570082
486.993083   46.412198  5169.839
 0.75000    8.442596  352.081432    3.570082
498.119945   47.722161  5108.008
 1.00000    8.442596  390.757157    3.570082
513.206672   49.796737  5026.549

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.761420 -384.752338   -4.940401
-440.729656  -18.938020  -1294.082
 0.25000   -6.761420 -344.783725   -4.940401
-454.395965  -17.228126  -1223.253
 0.50000   -6.761420 -307.321426   -4.940401
-468.038611  -15.942394  -1152.371
 0.75000   -6.761420 -272.411918   -4.940401
-481.754306  -15.373877  -1081.535
 1.00000   -6.761420 -241.070108   -4.940401
-500.444120  -15.433515  -1010.713

 COMB    DESIGN ---------------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    8.442596  250.172354    3.570082
464.925942   46.162440  5236.848
 0.25000    8.442596  280.704159    3.570082
475.950092   45.962198  5214.936
 0.50000    8.442596  315.009764    3.570082
486.993083   46.412198  5169.839
 0.75000    8.442596  352.081432    3.570082
498.119945   47.722161  5108.008
 1.00000    8.442596  390.757157    3.570082
513.206672   49.796737  5026.549

 COMB    DESIGN ---------------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -6.761420 -384.752338   -4.940401
-440.729656  -18.938020  -1294.082
 0.25000   -6.761420 -344.783725   -4.940401
-454.395965  -17.228126  -1223.253
 0.50000   -6.761420 -307.321426   -4.940401
-468.038611  -15.942394  -1152.371
 0.75000   -6.761420 -272.411918   -4.940401
-481.754306  -15.373877  -1081.535
 1.00000   -6.761420 -241.070108   -4.940401
-500.444120  -15.433515  -1010.713
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1371

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      107 ========== LENGTH =    4.958182

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.556801   69.457389    0.994386
401.324674   7.472353   1493.012
 0.25000    4.556801   69.997105    0.994386
402.539092  10.486243   1431.951
 0.50000    4.556801   70.587515    0.994386
403.755577  14.098335   1375.719
 0.75000    4.556801   71.233997    0.994386
404.981208  18.362006   1324.194
 1.00000    4.556801   71.911416    0.994386
406.641591  23.347598   1278.961

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -1.215576  -20.679109   -5.059090
-77.085056   -7.362620  -287.464359
 0.25000   -1.215576  -19.998733   -5.059090
-75.428683   -2.524739  -267.346201
 0.50000   -1.215576  -19.344672   -5.059090
-74.217291   -2.503344  -247.228382
 0.75000   -1.215576  -18.735956   -5.059090
-73.009033   -2.725357  -227.110052
 1.00000   -1.215576  -18.190353   -5.059090
-71.795156   -4.010849  -206.993723

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    5.250881  164.170528    4.278822
674.700611  21.998992   2978.402
 0.25000    5.250881  169.506202    4.278822
685.668795  24.690522   2859.498
 0.50000    5.250881  175.498410    4.278822
696.654451  28.170396   2754.029
 0.75000    5.250881  181.978234    4.278822
707.721980  32.477572   2668.446
 1.00000    5.250881  188.765808    4.278822
722.715859  37.513065   2601.180

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.589886 -101.586167   -5.747159
-212.536867   -7.256850  -518.358559
 0.25000   -5.589886  -94.769163   -5.747159
-197.583479   -6.230534  -482.046912
 0.50000   -5.589886  -88.213826   -5.747159
-186.647365  -10.000178  -445.736061
 0.75000   -5.589886  -82.112754   -5.747159
-175.740883  -13.992764  -409.425210
 1.00000   -5.589886  -76.644364   -5.747159
-164.785501  -19.161957  -373.114359

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    5.556841  278.957556    4.552623
550.833699  41.578949   4330.142
 0.25000    5.556841  309.880478    4.552623
548.375634  43.435567   4255.057
 0.50000    5.556841  344.614252    4.552623
546.569723  46.536111   4148.528
 0.75000    5.556841  382.158457    4.552623
544.688281  51.004874   4008.204
 1.00000    5.556841  421.364470    4.552623
542.689029  56.633044   3831.349

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.388133 -313.357565   -6.978731
-113.854399   -8.823405  -700.691119
 0.25000   -4.388133 -273.993991   -6.978731
-113.854399   -7.508732  -651.515530
 0.50000   -4.388133 -236.035116   -6.978731
-113.854399   -9.416601  -602.340607
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1372

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
      T         M2         M3
 0.75000   -4.388133 -200.695001   -6.978731
-113.854399  -11.536509  -553.165684
 1.00000   -4.388133 -169.027931   -6.978731
-113.854399  -14.722456  -503.990761

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.001767  293.559040    4.261638
507.258170  42.719328   4735.325
 0.25000    7.001767  318.989601    4.261638
506.735712  44.193940   4615.039
 0.50000    7.001767  347.552307    4.261638
506.226704  47.329427   4482.480
 0.75000    7.001767  378.426634    4.261638
505.750880  52.773772   4339.435
 1.00000    7.001767  410.668007    4.261638
505.724649  59.970196   4183.145

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.172064 -290.218913   -7.967239
-326.399216   -9.513782  -771.274307
 0.25000   -4.172064 -257.847835   -7.967239
-326.399216   -8.364511  -717.042894
 0.50000   -4.172064 -226.632220   -7.967239
-326.399216   -9.955860  -662.812037
 0.75000   -4.172064 -197.570603   -7.967239
-326.399216  -11.751510  -608.581180
 1.00000   -4.172064 -171.527768   -7.967239
-326.399216  -14.461421  -554.350323

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    0.850073  135.137855    3.355382
228.397166   22.716851   1843.555
 0.25000    0.850073  152.034836    3.355382
248.876268   21.473962   1819.683
 0.50000    0.850073  171.011908    3.355382
269.407453   20.523311   1780.157
 0.75000    0.850073  191.529792    3.355382
290.106185   19.852167   1725.906
 1.00000    0.850073  212.995416    3.355382
318.095006   19.420520   1657.652

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.017486 -177.592152   -0.675503
-186.085108   -2.581815  -269.511183
 0.25000   -5.017486 -156.036233   -0.675503
-158.200697   -3.665571  -250.582399
 0.50000   -5.017486 -135.284175   -0.675503
-137.808595   -7.249177  -231.653614
 0.75000   -5.017486 -115.967298   -0.675503
-117.489314  -11.356479  -212.724830
 1.00000   -5.017486  -98.655652   -0.675503
-97.102823  -15.464035  -193.796045

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    3.211567  263.747906    4.389806
173.898589  44.536827   3579.792
 0.25000    3.211567  297.513327    4.389806
173.898589  43.111516   3537.963
 0.50000    3.211567  335.436792    4.389806
173.898589  42.733645   3463.354
 0.75000    3.211567  376.429642    4.389806
173.898589  43.638407   3358.658
 1.00000    3.211567  419.237728    4.389806
173.898589  46.243184   3219.194

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -3.915767 -350.877572   -4.087314
-154.397318   -5.522388  -520.425140
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1373

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
      T         M2         M3
 0.25000   -3.915767 -307.897223   -4.087314
-154.397318   -6.468064  -483.793560
 0.50000   -3.915767 -266.455133   -4.087314
-154.397318   -8.775526  -447.161981
 0.75000   -3.915767 -227.865142   -4.087314
-154.397318  -11.100375  -410.530401
 1.00000   -3.915767 -193.286670   -4.087314
-154.397318  -13.441131  -373.898822

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    5.186764  294.116375    5.068318
462.916755   44.590558   4457.857
 0.25000    5.186764  324.845794    5.068318
463.250033   45.570262   4388.427
 0.50000    5.186764  359.357503    5.068318
463.676262   47.830123   4257.158
 0.75000    5.186764  396.662985    5.068318
464.172734   51.470667   4124.587
 1.00000    5.186764  435.620897    5.068318
464.604806   56.792664   3968.119

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.591057 -333.582127   -6.215138
-183.607757   -7.214397  -698.202394
 0.25000   -4.591057 -294.467308   -6.215138
-183.607757   -7.569762  -649.144840
 0.50000   -4.591057 -256.749063   -6.215138
-183.607757   -9.702362  -600.087287
 0.75000   -4.591057 -221.634127   -6.215138
-183.607757  -13.149275  -551.029733
 1.00000   -4.591057 -190.164459   -6.215138
-183.607757  -16.619864  -501.972180

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.996431  293.085188    4.599764
412.391898  40.798497   4741.522
 0.25000    4.996431  318.983253    4.599764
412.391898  41.122480   4624.634
 0.50000    4.996431  348.070536    4.599764
412.391898  42.517387   4492.725
 0.75000    4.996431  379.512036    4.599764
412.391898  45.783301   4349.678
 1.00000    4.996431  412.345822    4.599764
412.391898  50.747513   4192.674

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.623582 -292.574535   -5.614591
-390.518006   -7.892771  -769.210309
 0.25000   -4.623582 -259.609023   -5.614591
-390.518006   -8.253535  -715.064837
 0.50000   -4.623582 -227.819888   -5.614591
-390.518006  -10.120729  -660.919365
 0.75000   -4.623582 -198.224448   -5.614591
-390.518006  -13.153342  -606.773893
 1.00000   -4.623582 -171.702773   -5.614591
-390.518006  -16.164735  -552.628421

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    0.861252   73.143253    2.035650
69.130426    7.627709   1530.857
 0.25000    0.861252   73.775574    2.035650
67.119032    6.661646   1466.120
 0.50000    0.861252   74.488894    2.035650
65.647796    5.722928   1406.760
 0.75000    0.861252   75.259604    2.035650
64.177126    4.855918   1353.808
 1.00000    0.861252   76.061684    2.035650
62.695210    4.078768   1306.615
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1374

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -1.563254  -21.637403   -0.522657
-382.712265   -4.111759  -285.872253
 0.25000   -1.563254  -20.832372   -0.522657
-384.183500   -5.122509  -265.628792
 0.50000   -1.563254  -20.053655   -0.522657
-385.652307   -6.529776  -245.385331
 0.75000   -1.563254  -19.328426   -0.522657
-387.128792   -8.288799  -225.141871
 1.00000   -1.563254  -18.681437   -0.522657
-389.139808  -10.351747  -204.898410

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    4.118054  169.794617    2.676216
222.807476   22.868733   2999.530
 0.25000    4.118054  176.561329    2.676216
204.177841   21.872359   2883.273
 0.50000    4.118054  184.190309    2.676216
190.551038   21.523987   2778.353
 0.75000    4.118054  192.433571    2.676216
176.927172   22.125120   2689.891
 1.00000    4.118054  201.016336    2.676216
163.196004   24.359668   2617.175

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -2.215107 -112.492160   -3.835459
-624.603042   -5.381072  -508.832380
 0.25000   -2.215107 -103.877409   -3.835459
-638.223074   -5.647072  -472.840771
 0.50000   -2.215107  -95.547771   -3.835459
-651.821264   -6.995446  -436.849162
 0.75000   -2.215107  -87.790625   -3.835459
-665.491254   -8.704425  -400.857553
 1.00000   -2.215107  -80.866131   -3.835459
-684.110542  -10.643165  -364.865945

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    3.307783  281.321675    3.932910
124.284211   41.860475   4323.237
 0.25000    3.307783  312.519476    3.932910
125.180345   39.894002   4247.087
 0.50000    3.307783  347.555912    3.932910
126.172069   38.837399   4139.786
 0.75000    3.307783  385.428960    3.932910
127.238053   38.897554   3998.789
 1.00000    3.307783  424.979908    3.932910
128.440054   40.468137   3822.011

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -2.934430 -316.284030   -3.780794
-492.337753   -7.096086  -689.498199
 0.25000   -2.934430 -276.573692   -3.780794
-492.337753   -7.255999  -644.822279
 0.50000   -2.934430 -238.281399   -3.780794
-492.337753   -8.444716  -592.148360
 0.75000   -2.934430 -202.632354   -3.780794
-492.337753  -10.065315  -543.473440
 1.00000   -2.934430 -170.682811   -3.780794
-492.337753  -11.890433  -494.798520

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    3.890427  293.874043    5.999702
350.791215   41.958239   4731.129
 0.25000    3.890427  319.422170    5.999702
350.791214   41.290413   4610.944
 0.50000    3.890427  348.116137    5.999702
350.791214   41.470130   4477.820
 0.75000    3.890427  379.132567    5.999702
350.791214   42.635678   4333.714
 1.00000    3.890427  411.522531    5.999702
350.791214   45.106711   4177.051
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1375

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.820789 -290.151945   -4.347016
-463.345788   -7.739296  -767.350038
 0.25000   -5.820789 -257.631620   -4.347016
-463.345788   -8.377765  -713.283508
 0.50000   -5.820789 -226.272210   -4.347016
-463.345788  -12.683500  -659.216978
 0.75000   -5.820789 -197.076912   -4.347016
-463.345788  -17.406170  -605.150447
 1.00000   -5.820789 -170.913555   -4.347016
-463.345788  -22.298307  -551.083917

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    6.668337   76.088937    1.373262
460.436304   8.221533   1723.046
 0.25000    6.668337   76.512028    1.373262
461.498709  11.092010   1651.136
 0.50000    6.668337   76.981101    1.373262
462.637583  16.258778   1580.524
 0.75000    6.668337   77.479659    1.373262
463.853896  22.822523   1511.695
 1.00000    6.668337   77.989495    1.373262
465.146131  29.780029   1443.653

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -1.572689  -30.178700   -6.323146
-96.209821   -9.282745  -379.136145
 0.25000   -1.572689  -29.697059   -6.323146
-95.023075   -4.684740  -352.563041
 0.50000   -1.572689  -29.223307   -6.323146
-93.912492   -4.029134  -325.977164
 0.75000   -1.572689  -28.776003   -6.323146
-92.878307   -4.889557  -299.369551
 1.00000   -1.572689  -28.373713   -6.323146
-91.921368   -6.313543  -272.797740

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.476455  166.643250    4.705919
736.928147  23.862943   3258.856
 0.25000    7.476455  170.216998    4.705919
744.649789  25.756286   3130.350
 0.50000    7.476455  174.182461    4.705919
752.919069  30.640697   3004.012
 0.75000    7.476455  178.395874    4.705919
761.751867  37.024543   2890.368
 1.00000    7.476455  182.703909    4.705919
771.140396  44.148745   2783.825

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.426532 -105.968344   -7.163570
-221.984305  -11.090794  -680.946499
 0.25000   -5.426532 -101.897974   -7.163570
-213.379827   -9.079591  -633.178119
 0.50000   -5.426532  -97.894539   -7.163570
-205.329420  -11.905296  -585.373319
 0.75000   -5.426532  -94.114600   -7.163570
-197.834139  -15.933580  -537.568522
 1.00000   -5.426532  -90.715024   -7.163570
-190.896638  -20.840118  -489.823133

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    7.526690  263.496004    4.927937
635.990793  42.932670   4627.547
 0.25000    7.526690  287.583736    4.927937
631.002285  44.411892   4521.895
 0.50000    7.526690  314.312827    4.927937
626.334056  48.994441   4380.962
 0.75000    7.526690  342.732467    4.927937
621.976284  55.236719   4210.122
 1.00000    7.526690  371.772644    4.927937
617.913243  62.360013   4007.274
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1376

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -5.010721  -274.115500   -8.219648
-153.735153  -13.759021  -928.360707
 0.25000   -5.010721  -246.652272   -8.219648
-157.349852  -11.042117  -863.131211
 0.50000   -5.010721  -219.659727   -8.219648
-161.256491  -12.550481  -797.882718
 0.75000   -5.010721  -194.196465   -8.219648
-165.459614  -15.049461  -732.607653
 1.00000   -5.010721  -171.265137   -8.219648
-169.967259  -18.263410  -667.400442

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    8.140403  279.123746    4.641135
587.929238  45.339484   5025.947
 0.25000    8.140403  298.952824    4.641135
584.468311  47.014134   4887.199
 0.50000    8.140403  320.955168    4.641135
581.229389  51.500920   4721.622
 0.75000    8.140403  344.349036    4.641135
578.222256  57.953306   4541.398
 1.00000    8.140403  368.253880    4.641135
575.379171  65.539439   4343.132

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.872494  -261.045323   -8.596769
-360.332841  -14.772495   -1010.489
 0.25000   -4.872494  -238.438630   -8.596769
-362.739874  -12.466314  -939.349505
 0.50000   -4.872494  -216.219403   -8.596769
-365.344659  -13.718064  -868.182936
 0.75000   -4.872494  -195.259031   -8.596769
-368.151766  -15.810442  -796.998648
 1.00000   -4.872494  -176.381832   -8.596769
-371.170865  -18.513130  -725.866867

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    0.954572  119.283110    3.578150
224.979010  22.649140   1836.371
 0.25000    0.954572  132.762537    3.578150
244.616041  20.907603   1807.670
 0.50000    0.954572  147.714987    3.578150
265.646859  19.580098   1759.170
 0.75000    0.954572  163.613459    3.578150
288.073341  18.722519   1697.523
 1.00000    0.954572  179.862862    3.578150
311.924752  18.371297   1619.347

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   -4.393716  -148.135756   -0.891097
-177.169632   -3.825335  -348.582276
 0.25000   -4.393716  -132.773444   -0.891097
-155.982779   -5.775618  -324.110675
 0.50000   -4.393716  -117.673008   -0.891097
-135.146047   -8.554679  -299.607060
 0.75000   -4.393716  -103.426082   -0.891097
-116.195113  -11.639630  -275.078387
 1.00000   -4.393716   -90.592816   -0.891097
-98.681531  -15.014746  -250.612505

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000    2.882526  234.654182    4.043069
179.597642  44.280896   3602.304
 0.25000    2.882526  261.597361    4.043069
179.597642  43.190313   3548.246
 0.50000    2.882526  291.486945    4.043069
179.597642  42.964806   3454.133
 0.75000    2.882526  323.266947    4.043069
179.597642  43.693228   3332.740
 1.00000    2.882526  355.781253    4.043069
179.597642  45.386471   3177.795
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        1377

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S
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COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.969750	-293.652451	-3.752228
-158.337603	-8.451922	-680.662556	
0.25000	-3.969750	-262.941658	-3.752228
-158.337603	-9.084636	-632.734264	
0.50000	-3.969750	-232.757339	-3.752228
-158.337603	-10.393978	-584.809221	
0.75000	-3.969750	-204.283199	-3.752228
-158.337603	-11.920852	-536.800209	
1.00000	-3.969750	-178.632959	-3.752228
-158.337603	-13.550119	-488.874445	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.703170	271.825687	5.236570
499.341653	46.233318	4645.955	
0.25000	5.703170	296.438341	5.236570
500.293361	47.339287	4543.330	
0.50000	5.703170	323.740730	5.236570
501.256618	50.001660	4403.171	
0.75000	5.703170	352.769927	5.236570
502.229613	54.084796	4238.584	
1.00000	5.703170	382.433253	5.236570
503.199216	59.268126	4046.655	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.155776	-291.002458	-6.546900
-206.014494	-11.013906	-915.378932	
0.25000	-5.155776	-262.949882	-6.546900
-206.014051	-10.067888	-851.012627	
0.50000	-5.155776	-235.378240	-6.546900
-206.014051	-13.409504	-786.633098	
0.75000	-5.155776	-209.368762	-6.546900
-206.013999	-16.366491	-722.181787	
1.00000	-5.155776	-185.937088	-6.546900
-206.013508	-19.588198	-657.784962	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.503760	277.322250	4.953701
456.147804	44.102868	5025.067	
0.25000	5.503760	298.132687	4.953701
456.147804	44.705667	4894.206	
0.50000	5.503760	321.218875	4.953701
456.147804	46.588876	4730.875	
0.75000	5.503760	345.765190	4.953701
456.147804	50.105188	4547.165	
1.00000	5.503760	370.847695	4.953701
456.147804	54.663626	4343.107	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.395841	-264.266498	-5.985195
-428.556345	-12.022052	-1006.866	
0.25000	-5.395841	-240.546023	-5.985195
-428.556345	-12.207063	-935.920935	
0.50000	-5.395841	-217.232186	-5.985195
-428.556345	-14.311530	-864.967855	
0.75000	-5.395841	-195.239261	-5.985195
-428.556345	-16.793255	-793.943195	
1.00000	-5.395841	-175.427467	-5.985195
-428.556345	-19.804819	-722.978250	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.102026	79.265483	2.288698
81.951449	8.739081	1746.023	
0.25000	1.102026	79.787513	2.288698
80.442856	7.797991	1671.724	
0.50000	1.102026	80.369066	2.288698
79.031812	7.241710	1599.254	
0.75000	1.102026	80.987256	2.288698
77.718107	6.791649	1527.960	
1.00000	1.102026	81.619165	2.288698
76.501094	6.387628	1458.233	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1378

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.550797	-31.752596	-0.633508
-427.871801	-5.322645	-373.940494	
0.25000	-2.550797	-31.155144	-0.633508
-429.187020	-7.206086	-347.398496	
0.50000	-2.550797	-30.567912	-0.633508
-430.597970	-8.737005	-320.899917	
0.75000	-2.550797	-30.013908	-0.633508
-432.104767	-10.687763	-294.397390	
1.00000	-2.550797	-29.517155	-0.633508
-433.708726	-12.754769	-267.893290	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.931222	170.044694	2.992995
214.055382	24.907801	3246.275	
0.25000	3.931222	174.772316	2.992995
202.646482	24.819664	3121.430	
0.50000	3.931222	180.037276	2.992995
191.967956	25.297372	2995.802	
0.75000	3.931222	185.635896	2.992995
182.008808	26.336925	2880.164	
1.00000	3.931222	191.356822	2.992995
172.798736	28.381540	2769.980	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.198561	-113.646163	-3.483901
-665.564982	-9.684072	-663.259690	
0.25000	-3.198561	-108.237123	-3.483901
-675.489565	-10.332051	-616.306043	
0.50000	-3.198561	-102.920691	-3.483901
-686.143761	-11.482525	-569.338182	
0.75000	-3.198561	-97.905131	-3.483901
-697.528646	-13.094193	-522.344178	
1.00000	-3.198561	-93.404792	-3.483901
-709.642258	-14.933574	-475.364314	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.454395	262.088452	4.128600
155.517897	42.977473	4547.619	
0.25000	3.454395	286.462738	4.128600
159.828715	41.555814	4445.074	
0.50000	3.454395	313.494280	4.128600
164.425581	40.953943	4305.926	
0.75000	3.454395	342.235568	4.128600
169.300421	41.147128	4136.055	
1.00000	3.454395	371.610289	4.128600
174.449117	42.241660	3933.969	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.304345	-274.260065	-3.679890
-561.449064	-11.738032	-900.470007	
0.25000	-4.304345	-246.485566	-3.679890
-557.469794	-12.100500	-836.860821	
0.50000	-4.304345	-219.187339	-3.679890
-553.750963	-13.019889	-773.256710	
0.75000	-4.304345	-193.435836	-3.679890
-550.296589	-14.307944	-709.579993	
1.00000	-4.304345	-170.230654	-3.679890
-547.119663	-15.793062	-645.963248	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.381675	278.962811	6.088844
394.868620	44.892428	5013.667	
0.25000	4.381675	298.997321	6.088844
397.786218	43.998599	4875.958	
0.50000	4.381675	321.217190	6.088844
400.892782	44.448490	4710.203	
0.75000	4.381675	344.842453	6.088844
404.183476	45.996018	4528.516	
1.00000	4.381675	368.983833	6.088844
407.654120	48.473264	4328.590	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1379

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.484707	-260.946067	-4.639884
-530.966453	-12.523547	-1003.556	
0.25000	-6.484707	-238.115530	-4.639884
-528.408795	-13.871117	-932.779170	
0.50000	-6.484707	-215.676466	-4.639884
-526.014320	-17.069649	-862.007022	
0.75000	-6.484707	-194.508708	-4.639884
-523.795594	-20.984139	-791.161780	
1.00000	-6.484707	-175.435317	-4.639884
-522.026140	-25.235188	-720.371489	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.001767	294.116375	5.999702
674.700611	44.590558	4741.522	
0.25000	7.001767	324.845794	5.999702
685.668795	45.570262	4624.634	
0.50000	7.001767	359.357503	5.999702
696.654451	47.830123	4492.725	
0.75000	7.001767	396.662985	5.999702
707.721980	52.773772	4349.678	
1.00000	7.001767	435.620897	5.999702
722.715859	59.970196	4192.674	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.820789	-350.877572	-7.967239
-624.603042	-9.513782	-771.274307	
0.25000	-5.820789	-307.897223	-7.967239
-638.237074	-8.377765	-717.042894	
0.50000	-5.820789	-266.451132	-7.967239
-651.821264	-12.683500	-662.812037	
0.75000	-5.820789	-227.865142	-7.967239
-665.491254	-17.406170	-608.581180	
1.00000	-5.820789	-193.286670	-7.967239
-684.110542	-22.298307	-554.350323	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.140403	279.123746	6.088844
736.928147	46.233318	5025.947	
0.25000	8.140403	298.997321	6.088844
744.649789	47.339287	4894.206	
0.50000	8.140403	323.740730	6.088844
752.919069	51.500920	4730.875	
0.75000	8.140403	352.769927	6.088844
761.751867	57.953006	4547.165	
1.00000	8.140403	382.433253	6.088844
771.140396	65.539439	4343.132	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.484707	-293.652451	-8.596769
-665.564982	-14.772495	-1010.489	
0.25000	-6.484707	-262.949882	-8.596769
-675.489565	-13.871117	-939.349505	
0.50000	-6.484707	-235.378240	-8.596769
-686.143761	-17.069649	-868.182936	
0.75000	-6.484707	-209.368762	-8.596769
-697.528646	-20.984139	-796.998648	
1.00000	-6.484707	-185.937088	-8.596769
-709.642258	-25.235188	-725.866867	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.140403	294.116375	6.088844
736.928147	46.233318	5025.947	
0.25000	8.140403	324.845794	6.088844
744.649789	47.339287	4894.206	
0.50000	8.140403	359.357503	6.088844
752.919069	51.500920	4730.875	
0.75000	8.140403	396.662985	6.088844
761.751867	57.953006	4547.165	
1.00000	8.140403	435.620897	6.088844
771.140396	65.539439	4343.132	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1380

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.484707	-350.877572	-8.596769
-665.564982	-14.772495	-1010.489	
0.25000	-6.484707	-307.897223	-8.596769
-675.489565	-13.871117	-939.349505	
0.50000	-6.484707	-266.451132	-8.596769
-686.143761	-17.069649	-868.182936	
0.75000	-6.484707	-227.865142	-8.596769
-697.528646	-20.984139	-796.998648	
1.00000	-6.484707	-193.286670	-8.596769
-709.642258	-25.235188	-725.866867	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.140403	294.116375	6.088844
736.928147	46.233318	5025.947	
0.25000	8.140403	324.845794	6.088844
744.649789	47.339287	4894.206	
0.50000	8.140403	359.357503	6.088844
752.919069	51.500920	4730.875	
0.75000	8.140403	396.662985	6.088844
761.751867	57.953006	4547.165	
1.00000	8.140403	435.620897	6.088844
771.140396	65.539439	4343.132	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.484707	-350.877572	-8.596769
-665.564982	-14.772495	-1010.489	
0.25000	-6.484707	-307.897223	-8.596769
-675.489565	-13.871117	-939.349505	
0.50000	-6.484707	-266.451132	-8.596769
-686.143761	-17.069649	-868.182936	
0.75000	-6.484707	-227.865142	-8.596769
-697.528646	-20.984139	-796.998648	
1.00000	-6.484707	-193.286670	-8.596769
-709.642258	-25.235188	-725.866867	

ELEM 108 ========== LENGTH = 4.957991

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.560873	92.579794	1.611713
537.275632	21.432095	1277.219	
0.25000	4.560873	93.107861	1.611713
538.440511	20.301693	1173.397	
0.50000	4.560873	93.703847	1.611713
539.632497	40.003943	1071.920	
0.75000	4.560873	94.351653	1.611713
540.858488	50.492676	973.386372	
1.00000	4.560873	95.032569	1.611713
542.533855	61.448930	876.903700	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.053567	-20.372239	-9.578111
-77.878418	-2.921162	-206.646413	
0.25000	-1.053567	-19.681473	-9.578111
-76.247794	-4.081652	-186.528538	
0.50000	-1.053567	-19.009853	-9.578111
-75.079049	-6.072854	-166.410663	
0.75000	-1.053567	-18.372325	-9.578111
-73.894259	-8.068164	-146.292788	
1.00000	-1.053567	-17.812698	-9.578111
-72.561398	-10.065324	-126.174912	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.205121	201.899255	9.119963
867.026713	34.162145	2598.706	
0.25000	5.205121	207.190526	9.119963
877.543599	41.726898	2404.714	
0.50000	5.205121	213.163241	9.119963
888.303149	50.688587	2216.459	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1381

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	5.205121	219.655085	9.119963
899.371209	61.845541	2046.497	
1.00000	5.205121	226.476278	9.119963
914.491004	74.445352	1891.122	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.456471	-89.536989	-10.849125
-190.923984	-18.155579	-372.625957	
0.25000	-5.456471	-82.617910	-10.849125
-176.214500	-28.092274	-336.286356	
0.50000	-5.456471	-75.889019	-10.849125
-165.678210	-39.329346	-299.946754	
0.75000	-5.456471	-69.501737	-10.849125
-155.000907	-50.617824	-263.607153	
1.00000	-5.456471	-63.889198	-10.849125
-142.986978	-61.908874	-227.267552	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.263365	324.972324	7.972649
717.470642	52.550403	3829.447	
0.25000	5.263365	355.577575	7.972649
714.572170	57.740649	3652.710	
0.50000	5.263365	390.132667	7.972649
712.298396	64.276001	3437.834	
0.75000	5.263365	427.680899	7.972649
710.662822	72.567919	3193.128	
1.00000	5.263365	467.002261	7.972649
708.663541	81.743606	2910.993	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.156141	-291.328407	-10.059737
-104.692764	-13.068751	-503.592724	
0.25000	-4.156141	-251.485112	-10.059737
-104.692764	-18.535994	-454.337259	
0.50000	-4.156141	-212.652755	-10.059737
-104.692764	-25.115433	-405.081795	
0.75000	-4.156141	-175.793193	-10.059737
-104.692764	-31.706686	-355.826330	
1.00000	-4.156141	-143.097782	-10.059737
-104.692764	-38.318019	-306.570865	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.782140	345.242297	7.396187
637.932395	56.401950	4182.421	
0.25000	6.782140	370.412377	7.396187
637.290185	66.112228	3949.237	
0.50000	6.782140	398.828940	7.396187
636.631500	77.076679	3695.365	
0.75000	6.782140	429.707008	7.396187
636.526523	89.466099	3433.265	
1.00000	6.782140	462.044564	7.396187
636.526523	102.593387	3156.321	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.990341	-261.906451	-12.858829
-376.928313	-12.055085	-554.198852	
0.25000	-3.990341	-229.139577	-12.858829
-376.928313	-16.492838	-499.856741	
0.50000	-3.990341	-197.204016	-12.858829
-376.928313	-22.016718	-445.514631	
0.75000	-3.990341	-166.891166	-12.858829
-376.928313	-28.106327	-391.172520	
1.00000	-3.990341	-140.005027	-12.858829
-376.928313	-34.289426	-336.830409	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.677949	150.391454	8.227879
267.563806	17.882509	1657.051	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1382

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.677949	167.136100	8.227879
287.146338	14.008694	1593.401	
0.50000	0.677949	186.037089	8.227879
307.193972	10.664327	1513.005	
0.75000	0.677949	206.578659	8.227879
327.825307	8.500809	1422.722	
1.00000	0.677949	228.133423	8.227879
355.956422	7.645455	1315.951	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.059970	-161.131425	-0.997364
-158.632192	-15.616745	-193.706155	
0.25000	-5.059970	-139.276713	-0.997364
-131.352671	-25.449698	-174.732368	
0.50000	-5.059970	-118.003947	-0.997364
-111.899489	-35.373555	-155.758581	
0.75000	-5.059970	-97.811582	-0.997364
-92.234860	-45.302077	-136.784794	
1.00000	-5.059970	-80.000853	-0.997364
-70.079531	-55.426141	-117.811006	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.887143	292.820497	7.538648
190.104409	43.925308	3219.318	
0.25000	2.887143	326.240338	7.538648
190.104409	43.752033	3101.318	
0.50000	2.887143	363.970048	7.538648
190.104409	44.533788	2948.817	
0.75000	2.887143	404.968154	7.538648
190.104409	46.653191	2773.928	
1.00000	2.887143	447.904286	7.538648
190.104409	49.400488	2564.041	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.854151	-320.159842	-4.649675
-161.165277	-12.350366	-373.923490	
0.25000	-3.854151	-276.653515	-4.649675
-161.165277	-17.595940	-337.182921	
0.50000	-3.854151	-234.250943	-4.649675
-161.165277	-22.948883	-300.442352	
0.75000	-3.854151	-194.003336	-4.649675
-161.165277	-28.317720	-263.701784	
1.00000	-3.854151	-158.305719	-4.649675
-161.165277	-33.728699	-226.961215	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.901273	337.860865	8.960706
573.773426	53.110205	3967.000	
0.25000	4.901273	368.276562	8.960706
573.862245	58.517084	3775.413	
0.50000	4.901273	402.621757	8.960706
574.026374	64.790065	3555.676	
0.75000	4.901273	439.923850	8.960706
574.219717	72.160311	3318.260	
1.00000	4.901273	478.999258	8.960706
574.263952	80.122548	3054.935	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.591447	-301.021068	-8.835186
-193.890234	-15.793656	-501.748738	
0.25000	-4.591447	-261.426256	-8.835186
-193.890234	-23.163239	-452.558818	
0.50000	-4.591447	-222.835888	-8.835186
-193.890234	-30.613823	-403.422897	
0.75000	-4.591447	-186.206966	-8.835186
-193.890234	-38.079175	-354.259977	
1.00000	-4.591447	-153.721296	-8.835186
-193.890234	-45.592927	-305.097057	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1383

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.772303	344.585880	8.659273
506.290987	47.498527	4192.802	
0.25000	4.772303	370.218885	8.659273
506.290987	53.379818	3960.751	
0.50000	4.772303	399.157558	8.659273
506.290987	59.965016	3707.763	
0.75000	4.772303	430.603090	8.659273
506.290987	67.490504	3442.508	
1.00000	4.772303	463.535087	8.659273
506.290987	75.514790	3160.829	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.599601	-261.453262	-8.439719
-474.586818	-14.170646	-552.666234	
0.25000	-4.599601	-228.083927	-8.439719
-474.586818	-20.290054	-498.396622	
0.50000	-4.599601	-195.561170	-8.439719
-474.586818	-27.300541	-444.127009	
0.75000	-4.599601	-164.691271	-8.439719
-474.586818	-35.026486	-389.857396	
1.00000	-4.599601	-137.311212	-8.439719
-474.586818	-42.788274	-335.587783	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.705326	97.372038	2.309266
67.611827	2.130741	1308.410	
0.25000	0.705326	97.996440	2.309266
65.604021	1.208759	1258.774	
0.50000	0.705326	98.704645	2.309266
64.148990	2.810981	1093.821	
0.75000	0.705326	99.473971	2.309266
62.665006	3.544433	990.691706	
1.00000	0.705326	100.276693	2.309266
61.000585	4.282843	891.711852	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.566603	-21.335474	-0.599847
-511.782974	-11.775290	-205.272068	
0.25000	-1.566603	-20.523056	-0.599847
-513.203267	-13.166147	-184.981822	
0.50000	-1.566603	-19.729313	-0.599847
-514.652940	-14.660006	-164.691576	
0.75000	-1.566603	-18.975951	-0.599847
-516.143193	-16.233712	-144.401331	
1.00000	-1.566603	-18.303757	-0.599847
-518.189919	-17.948141	-124.111085	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.977606	207.639222	3.217398
201.102048	21.717377	2619.639	
0.25000	3.977606	214.323296	3.217398
182.485988	28.542403	2427.804	
0.50000	3.977606	221.899697	3.217398
168.983959	37.047399	2240.325	
0.75000	3.977606	230.130297	3.217398
155.207028	45.603076	2067.786	
1.00000	3.977606	238.722488	3.217398
139.758583	54.169150	1907.762	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.109884	-100.877558	-6.916389
-797.376754	-11.675392	-365.389329	
0.25000	-2.109884	-92.180189	-6.916389
-810.535063	-12.924174	-329.294089	
0.50000	-2.109884	-83.685558	-6.916389
-823.959207	-14.183256	-293.198849	
0.75000	-2.109884	-75.823014	-6.916389
-837.764046	-15.448291	-257.103610	
1.00000	-2.109884	-68.434962	-6.916389
-856.729638	-16.720401	-221.008370	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1384

< MOVING LOAD >

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F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.866342  327.489968    5.490749
120.962202   36.711894    3824.098
 0.25000    2.866342  358.369808    5.490749
121.589791   36.781456    3845.921
 0.50000    2.866342  393.228622    5.490749
122.305493   37.875382    3430.459
 0.75000    2.866342  431.107938    5.490749
123.066470   39.420143    3185.261
 1.00000    2.866342  470.778841    5.490749
123.863443   41.393389    2903.100

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.931480 -294.024997   -3.934344
-639.557993  -12.441640 -495.242631
 0.25000   -2.931480 -253.826444   -3.934344
-639.557993  -13.750451 -446.428348
 0.50000   -2.931480 -214.647597   -3.934344
-639.557993  -15.086011 -397.614065
 0.75000   -2.931480 -177.460369   -3.934344
-639.557993  -16.436113 -348.799782
 1.00000   -2.931480 -144.480973   -3.934344
-639.557993  -17.841718 -299.985500

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.524589  346.018793   10.529749
414.312621   40.680845    4177.912
 0.25000    3.524586  371.305560   10.529749
414.312619   42.421963    3943.730
 0.50000    3.524586  399.853050   10.529749
414.312619   45.521374    3688.694
 0.75000    3.524586  430.873581   10.529749
414.312619   49.577745    3424.311
 1.00000    3.524586  463.360575   10.529749
414.312619   54.115946    3144.528

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.807613 -261.730795   -5.526135
-577.841656  -22.885404 -551.285157
 0.25000   -5.807613 -228.812300   -5.526135
-577.841656  -31.384765 -497.088533
 0.50000   -5.807613 -196.728933   -5.526135
-577.841656  -39.960251 -442.891909
 0.75000   -5.807613 -166.276269   -5.526135
-577.841656  -48.547181 -388.695285
 1.00000   -5.807613 -139.266367   -5.526135
-577.841656  -57.167028 -334.498661

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.603046  110.491828    2.308516
669.164863   26.460732    1441.329
 0.25000    6.603046  110.923487    2.308516
670.225103   40.634719    1322.282
 0.50000    6.603046  111.443435    2.308516
671.380731   55.329480    1202.513
 0.75000    6.603046  111.915799    2.308516
672.634396   70.296639    1083.795
 1.00000    6.603046  112.441064    2.308516
673.990986   85.561393   965.835492

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.405468  -26.053126  -12.682672
-98.223444   -4.563572  -272.315750
 0.25000   -1.405468  -25.581925  -12.682672
-97.090244   -5.730351  -245.658237
 0.50000   -1.405468  -25.116868  -12.682672
-96.008646   -9.418797  -219.014901
 0.75000   -1.405468  -24.675820  -12.682672
-94.983333  -12.182451  -193.106081
 1.00000   -1.405468  -24.279023  -12.682672
-94.015443  -14.986600  -167.879986
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1385

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.315971  219.656790    9.524796
  1029.317   38.618510    2780.520
 0.25000    7.315971  223.303465    9.524796
  1037.021   52.040092    2573.569
 0.50000    7.315971  227.356630    9.524796
  1045.417   66.503314    2363.533
 0.75000    7.315971  231.686823    9.524796
  1054.521   82.235172    2161.656
 1.00000    7.315971  236.124243    9.524796
  1064.370   98.880990    1970.142

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.248183  -89.351785  -14.194998
-202.913775  -18.512491  -489.143032
 0.25000   -5.248183  -85.369243  -14.194998
-194.700297  -28.213248  -441.226307
 0.50000   -5.248183  -81.439591  -14.194998
-186.873389  -38.856089  -393.291070
 0.75000   -5.248183  -77.712782  -14.194998
-179.436096  -49.797797  -345.380031
 1.00000   -5.248183  -74.359843  -14.194998
-172.424263  -61.047882  -297.640351

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.156669  327.370614    8.791716
888.932276   55.268714    4004.646
 0.25000    7.156669  351.900260    8.791716
883.789078   69.016599    3794.227
 0.50000    7.156669  379.191206    8.791716
878.872741   78.600479    3544.548
 0.75000    7.156669  408.332522    8.791716
874.172267   92.138283    3261.592
 1.00000    7.156669  438.187806    8.791716
869.668360  106.414239    2948.908

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.632335 -247.345367  -13.586415
-143.595592  -15.263804  -666.846579
 0.25000   -4.632335 -220.515782  -13.586415
-147.120063  -21.808240  -601.438377
 0.50000   -4.632335 -194.030085  -13.586415
-151.041706  -29.469587  -535.876488
 0.75000   -4.632335 -168.938353  -13.586415
-155.391247  -37.386377  -470.458235
 1.00000   -4.632335 -146.332539  -13.586415
-160.213468  -45.487016  -405.013758

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.830007  349.469551    8.159636
787.147773   57.587143    4342.040
 0.25000    7.830007  369.662844    8.159636
783.531878   69.990626    4089.176
 0.50000    7.830007  392.128180    8.159636
780.073774   83.834921    3805.726
 0.75000    7.830007  416.118572    8.159636
776.762709   98.805645    3501.216
 1.00000    7.830007  440.693054    8.159636
773.586414  114.448120    3180.658

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.530853 -229.513554  -14.499918
-435.641848  -14.423880 -725.641282
 0.25000   -4.530858 -207.428305  -14.499918
-437.318963  -19.773920 -654.283629
 0.50000   -4.530858 -185.626155  -14.499918
-439.926009  -26.414059 -582.790890
 0.75000   -4.530858 -164.971501  -14.499918
-442.836967  -33.633226 -511.414340
 1.00000   -4.530858 -146.362089  -14.499918
-446.076483  -41.085073 -440.011310
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1386

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.756238  138.692931    7.925106
280.939176   16.050910    1618.701
 0.25000    0.756238  152.434510    7.925106
300.135065   13.422279    1553.828
 0.50000    0.756238  167.720112    7.925106
321.889103   11.353034    1467.003
 0.75000    0.756238  184.044259    7.925106
345.029854   10.031393    1364.949
 1.00000    0.756238  200.771138    7.925106
370.027976    9.599541    1248.974

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.339951 -134.329740   -1.291232
-153.571079  -14.532888 -250.484740
 0.25000   -4.339951 -119.314017   -1.291232
-132.908556  -22.231883 -225.908446
 0.50000   -4.339951 -104.494083   -1.291232
-113.215075  -30.320965 -201.271423
 0.75000   -4.339951  -90.449789   -1.291232
-94.545869  -38.640791 -176.705406
 1.00000   -4.339951  -77.794702   -1.291232
-76.930899  -47.222908 -152.113209

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.525944  272.337651    7.038137
209.226321   40.770896    3177.939
 0.25000    2.525944  299.778267    7.038137
209.226321   40.631450    3053.459
 0.50000    2.525944  330.299747    7.038137
209.226321   41.442691    2885.079
 0.75000    2.525944  362.893295    7.038137
209.226321   43.115329    2660.600
 1.00000    2.525944  396.280750    7.038137
209.226321   45.494200    2457.427

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.752509 -267.249595   -4.147225
-174.841981  -11.686138 -488.897173
 0.25000   -3.752509 -237.246284   -4.147225
-174.841981  -15.896686 -440.813173
 0.50000   -3.752509 -207.632192   -4.147225
-174.841981  -20.729093 -392.565665
 0.75000   -3.752509 -179.568222   -4.147225
-174.841981  -25.774453 -344.466519
 1.00000   -3.752509 -154.280799   -4.147225
-174.841981  -30.988109 -296.329070

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.351712  329.986863    9.314872
674.146130   52.594370    4045.145
 0.25000    5.351712  355.054630    9.314872
674.951143   59.629296    3841.751
 0.50000    5.351712  382.935038    9.314872
675.762582   67.674874    3597.925
 0.75000    5.351712  412.708231    9.314872
676.562228   76.530486    3325.416
 1.00000    5.351712  443.206742    9.314872
677.330356   85.871527    3026.135

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.956507 -258.391290   -9.743604
-221.687184  -16.979364 -657.461251
 0.25000   -4.956507 -230.984718   -9.743604
-221.687184  -24.215469 -592.878397
 0.50000   -4.956507 -203.933719   -9.743604
-221.687184  -32.168885 -528.145871
 0.75000   -4.956507 -178.298717   -9.743604
-221.687184  -40.333840 -463.544005
 1.00000   -4.956507 -155.198189   -9.743604
-221.687184  -48.642947 -398.875738
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1387

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.190303  346.316775    9.087898
598.676021   46.681532    4343.259
 0.25000    5.190303  367.511423    9.087898
598.676021   53.025255    4097.246
 0.50000    5.190303  391.085678    9.087898
598.676021   60.895098    3816.737
 0.75000    5.190303  416.260307    9.087898
598.676021   69.502929    3511.715
 1.00000    5.190303  442.048243    9.087898
598.676021   78.568985    3183.849

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.186818 -229.897657   -9.127132
-554.668009  -15.642082 -723.009023
 0.25000   -5.186818 -206.723628   -9.127132
-554.668009  -21.983639 -651.826331
 0.50000   -5.186818 -183.850224   -9.127132
-554.668009  -29.883199 -580.517423
 0.75000   -5.186818 -162.174109   -9.127132
-554.668009  -38.280767 -509.307854
 1.00000   -5.186818 -142.642548   -9.127132
-554.668009  -46.856398 -438.040540

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.942257  114.496745    3.206871
 79.962666   2.573318    1460.609
 0.25000    0.942257  115.027126    3.206871
 78.506937   2.263403    1337.828
 0.50000    0.942257  115.620000    3.206871
 77.118169   3.040281    1214.764
 0.75000    0.942257  116.252834    3.206871
 75.799193   3.883226    1092.092
 1.00000    0.942257  116.901139    3.206871
 74.550841   4.750536   970.751353

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.442534  -26.790682   -0.756293
-623.142648  -11.621570 -268.393011
 0.25000   -2.442534  -26.207611   -0.756293
-624.451588  -13.954620 -241.812122
 0.50000   -2.442534  -25.631749   -0.756293
-625.881181  -17.108059 -215.239404
 0.75000   -2.442534  -25.086091   -0.756293
-627.437007  -20.434957 -188.669922
 1.00000   -2.442534  -24.596892   -0.756293
-629.123869  -23.912635 -162.897021

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.726444  222.775810    3.918153
190.033522   22.316072    2773.292
 0.25000    3.726444  227.582393    3.918153
179.005894   27.037104    2569.786
 0.50000    3.726444  232.950830    3.918153
168.481245   33.365083    2361.567
 0.75000    3.726444  238.682839    3.918153
158.484460   39.859251    2158.916
 1.00000    3.726444  244.554266    3.918153
149.032238   46.402461    1964.053

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.971098  -97.158766   -5.702404
-923.501917  -12.552568 -476.052287
 0.25000   -2.971098  -91.876453   -5.702404
-933.383089  -14.501619 -428.935145
 0.50000   -2.971098  -86.662337   -5.702404
-944.176341  -17.475369 -381.785530
 0.75000   -2.971098  -81.722071   -5.702404
-955.926079  -20.658458 -334.662503
 1.00000   -2.971098  -77.289100   -5.702404
-968.665533  -23.919584 -287.505916
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1388

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.018317  325.114208    6.144203
153.855610   34.890753    3936.800
 0.25000    3.018317  349.941697    6.144203
158.231522   37.712247    3730.450
 0.50000    3.018317  377.548391    6.144203
162.932591   36.194154    3484.576
 0.75000    3.018317  407.029422    6.144203
167.947246   38.011247    3204.742
 1.00000    3.018317  437.231529    6.144203
173.269619   40.154634    2894.152

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.042214  -247.831423   -4.088387
-779.409404  -13.187511 -646.551104
 0.25000   -4.042214  -220.695652   -4.088387
-775.948893  -15.746721 -582.744904
 0.50000   -4.042214  -193.912115   -4.088387
-772.663327  -19.523438 -518.791528
 0.75000   -4.042214  -168.530697   -4.088387
-769.581648  -23.508945 -454.975149
 1.00000   -4.042214  -145.652431   -4.088387
-768.821245  -27.584515 -391.119856

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.985301  349.565745   10.592220
493.132740   40.352782    4329.808
 0.25000    3.985301  369.972294   10.592220
496.106438   42.969234    4076.963
 0.50000    3.985301  392.664390   10.592220
499.289428   47.267313    3793.217
 0.75000    3.985301  416.897128   10.592220
502.680680   52.239267    3487.314
 1.00000    3.985301  441.722511   10.592220
506.246711   57.589655    3163.925

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.274810  -229.113857   -6.346593
-702.763733  -22.384671 -720.623324
 0.25000   -6.274810  -206.808516   -6.346593
-700.596816  -30.681928 -649.624914
 0.50000   -6.274810  -184.792678   -6.346593
-698.550374  -40.287013 -578.500603
 0.75000   -6.274810  -163.929344   -6.346593
-697.398362  -50.152220 -507.487739
 1.00000   -6.274810  -145.124769   -6.346593
-697.321859  -60.175778 -436.418437

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.782140  346.018793   10.529749
867.026713   56.401950    4192.802
 0.25000    6.782140  371.305560   10.529749
877.543599   66.112228    3960.751
 0.50000    6.782140  402.612957   10.529749
888.303149   77.076679    3707.763
 0.75000    6.782140  439.923850   10.529749
899.371209   89.466099    3442.508
 1.00000    6.782140  478.999258   10.529749
914.491004  102.593387    3160.829

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.807613  -320.159842  -12.858829
-797.376754  -22.885404 -554.198852
 0.25000   -5.807613  -276.653515  -12.858829
-810.535063  -31.384765 -498.856741
 0.50000   -5.807613  -234.250943  -12.858829
-823.959207  -39.960251 -445.514631
 0.75000   -5.807613  -194.003336  -12.858829
-837.764046  -50.617824 -391.172520
 1.00000   -5.807613  -158.305719  -12.858829
-856.729638  -61.908874 -336.830409
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1389

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.830007  349.565745   10.592220
  1029.317   57.587143    4343.259
 0.25000    7.830007  369.972294   10.592220
  1037.021   69.990626    4097.246
 0.50000    7.830007  392.664390   10.592220
  1045.417   83.834921    3816.737
 0.75000    7.830007  439.923850   10.592220
  1054.521   98.805645    3511.715
 1.00000    7.830007  443.206742   10.592220
  1064.370  114.448120    3183.849

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.274810  -267.249595  -14.499918
-923.501917  -22.384671 -725.641282
 0.25000   -6.274810  -237.246284  -14.499918
-933.383089  -30.681928 -654.283629
 0.50000   -6.274810  -207.632192  -14.499918
-944.176341  -40.287013 -582.790890
 0.75000   -6.274810  -179.568222  -14.499918
-955.926079  -50.152220 -511.414340
 1.00000   -6.274810  -155.198189  -14.499918
-968.665533  -61.047882 -440.011310

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.830007  349.565745   10.592220
  1029.317   57.587143    4343.259
 0.25000    7.830007  371.305560   10.592220
  1037.021   69.990626    4097.246
 0.50000    7.830007  402.612757   10.592220
  1045.417   83.834921    3816.737
 0.75000    7.830007  439.923850   10.592220
  1054.521   98.805645    3511.715
 1.00000    7.830007  478.999258   10.592220
  1064.370  114.448120    3183.849

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.274810  -320.159842  -14.499918
-923.501917  -22.885404 -725.641282
 0.25000   -6.274810  -276.653515  -14.499918
-933.383089  -30.384765 -654.283629
 0.50000   -6.274810  -234.250943  -14.499918
-944.176341  -40.287013 -582.790890
 0.75000   -6.274810  -194.003336  -14.499918
-955.926079  -50.617824 -511.414340
 1.00000   -6.274810  -158.305719  -14.499918
-968.665533  -61.908874 -440.011310

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.830007  349.565745   10.592220
  1029.317   57.587143    4343.259
 0.25000    7.830007  371.305560   10.592220
  1037.021   69.990626    4097.246
 0.50000    7.830007  402.612757   10.592220
  1045.417   83.834921    3816.737
 0.75000    7.830007  439.923850   10.592220
  1054.521   98.805645    3511.715
 1.00000    7.830007  478.999258   10.592220
  1064.370  114.448120    3183.849

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.274810  -320.159842  -14.499918
-923.501917  -22.885404 -725.641282
 0.25000   -6.274810  -276.653515  -14.499918
-933.383089  -31.384765 -654.283629
 0.50000   -6.274810  -234.250943  -14.499918
-944.176341  -40.287013 -582.790890
 0.75000   -6.274810  -194.003336  -14.499918
-955.926079  -50.617824 -511.414340
 1.00000   -6.274810  -158.305719  -14.499918
-968.665533  -61.908874 -440.011310
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1390

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM     109 ================== LENGTH
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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.576868  116.137602    1.170575
622.412571   59.020410   874.446611
 0.25000    4.576868  116.703270    1.170575
623.563551   65.289502   734.246275
 0.50000    4.576868  117.361579    1.170575
624.718300   71.810721   593.144210
 0.75000    4.576868  118.102471    1.170575
625.881467   78.632705   450.849199
 1.00000    4.576868  118.916357    1.170575
627.487902   85.733621   307.443953

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -0.901356  -19.611501   -6.679353
-75.167595   -8.271705 -125.821334
 0.25000   -0.901356  -18.819379   -6.679353
-73.606379   -9.722169 -105.736577
 0.50000   -0.901356  -17.997186   -6.679353
-72.455399  -11.172643   -85.651820
 0.75000   -0.901356  -17.215569   -6.679353
-70.310977  -12.623117   -65.567063
 1.00000   -0.901356  -16.819193   -6.679353
-69.404192  -14.073592   -45.482256

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.168132  243.803710    6.009253
984.057491   70.261021    1887.541
 0.25000    5.168132  249.471213    6.009253
994.435062   77.475083    1623.006
 0.50000    5.168132  256.067368    6.009253
 1004.843   84.890155    1353.231
 0.75000    5.168132  263.491043    6.009253
 1015.324   92.485733    1085.125
 1.00000    5.168132  271.643271    6.009253
 1029.797  100.306259   819.416096

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.323953  -65.763171   -7.256438
-173.589442  -60.365929 -226.769463
 0.25000   -5.323953  -57.829886   -7.256438
-159.529382  -67.798938 -190.508430
 0.50000   -5.323953  -49.593413   -7.256438
-149.181322  -75.232024 -154.247397
 0.75000   -5.323953  -42.099267   -7.256438
-129.857310  -82.665137 -117.986365
 1.00000   -5.323953  -37.767056   -7.256438
-121.692258  -90.098254  -81.724832

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.983500  377.035888    7.315396
819.591882   76.472710    2908.184
 0.25000    4.983500  409.748289    7.315396
817.565269   77.915722    2630.009
 0.50000    4.983500  447.849074    7.315396
815.380758   79.519255    2301.824
 0.75000    4.983500  490.732058    7.315396
812.999107   84.277164    1912.479
 1.00000    4.983500  537.671918    7.315396
812.869088   91.795709    1449.522

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.033073  -239.945811   -6.939781
-95.309731  -36.875511  -306.165932
 0.25000   -4.033073  -194.317453   -6.939781
-95.309731  -41.566215  -257.043842
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 0.50000    -4.033073  -146.838142    -6.939781
-95.309731   -46.256926  -207.921752
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1391

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000    -4.033073  -102.297088    -6.939781
-95.309731   -50.947639  -158.799661
 1.00000    -4.033073   -77.283022    -6.939781
-95.309731   -55.638529  -109.674636

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.570552   404.483154    6.484654
716.246532   97.959414   3155.114
 0.25000    6.570552   431.387062    6.484654
715.538035  101.907662   2813.368
 0.50000    6.570552   462.720182    6.484654
715.538035  105.949987   2434.199
 0.75000    6.570552   497.986430    6.484654
715.538035  113.184617   2012.580
 1.00000    6.570552   536.589525    6.484654
715.538035  122.136417   1542.070

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.888704  -210.256987    -7.954764
-406.330254  -34.456088  -336.677461
 0.25000   -3.888704  -172.732084    -7.954764
-406.330254  -38.648709  -282.493778
 0.50000   -3.888704  -133.684908    -7.954764
-406.330254  -42.851706  -228.310095
 0.75000   -3.888704   -97.070699    -7.954764
-406.330254  -47.058258  -174.126412
 1.00000   -3.888704   -76.497999    -7.954764
-406.330254  -51.317316  -119.941042

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.510686   169.417616    6.027668
288.165835   5.809913   1315.108
 0.25000    0.510686   187.336552    6.027668
307.338700   6.704989   1210.534
 0.50000    0.510686   208.190778    6.027668
326.534582   7.626334   1080.253
 0.75000    0.510686   231.674292    6.027668
345.812794   8.551077   922.096261
 1.00000    0.510686   257.424073    6.027668
372.402779   9.511037   729.679810

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.095502  -125.390254    -0.801804
-142.633794  -56.175092  -117.718984
 0.25000   -5.095502  -100.344162    -0.801804
-116.864500  -63.291063  -98.805850
 0.50000   -5.095502   -74.317642    -0.801804
-98.128303   -70.457107   -79.892716
 0.75000   -5.095502   -50.342826    -0.801804
-62.557479   -77.523156   -60.979582
 1.00000   -5.095502   -36.643639    -0.801804
-47.609782   -84.639205   -42.064865

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.563664   328.904354    7.137724
197.590962   46.457707   2564.155
 0.25000    2.563664   364.626619    7.137724
197.590962   43.474383   2367.526
 0.50000    2.563664   406.229014    7.137724
197.590962   40.491493   2120.245
 0.75000    2.563664   453.053731    7.137724
197.590962   41.775659   1816.570
 1.00000    2.563664   504.309167    7.137724
197.590962   44.939664   1443.292

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.877709  -250.791769    -2.602426
-163.524639  -34.692620  -226.987646
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1392

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -3.877709  -200.967626    -2.602426
-163.524639  -38.449253  -190.377820
 0.50000   -3.877709  -149.122434    -2.602426
-163.524639  -42.207715  -153.767994
 0.75000   -3.877709  -100.513543    -2.602426
-163.524639  -45.966894  -117.158167
 1.00000   -3.877709   -73.197612    -2.602426
-163.524639   -49.996377   -80.545137

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.617407   390.219221    7.363847
640.477876   6.404524   3053.306
 0.25000    4.617407   422.731278    7.363847
640.477864   75.719432   2761.737
 0.50000    4.617407   460.592593    7.363847
640.477864   76.054445   2423.447
 0.75000    4.617407   503.206991    7.363847
640.477864   80.843515   2032.039
 1.00000    4.617407   549.854355    7.363847
640.477864   86.831431   1577.793

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.636751  -240.498884    -5.045669
-196.144381  -46.822438  -304.870283
 0.25000   -4.636751  -195.153328    -5.045669
-196.144381  -51.226036  -255.856496
 0.50000   -4.636751  -147.968872    -5.045669
-196.144381  -55.631288  -206.842710
 0.75000   -4.636751  -103.746682    -5.045669
-196.144381  -60.037331  -157.828923
 1.00000   -4.636751   -78.885321    -5.045669
-196.144381   -65.298323  -108.812220

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.551873   404.371999    6.739944
561.959614   71.271178   3160.981
 0.25000    4.551873   431.770962    6.739944
561.959614   72.640015   2821.829
 0.50000    4.551873   463.679983    6.739944
561.959614   74.021818   2442.649
 0.75000    4.551873   499.594522    6.739944
561.959614   78.700435   2018.316
 1.00000    4.551873   538.907422    6.739944
561.959614   84.829158   1540.839

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.639197  -212.606118    -5.135730
-527.684287  -45.562823  -335.626989
 0.25000   -4.639197  -174.391020    -5.135730
-527.684287   -50.003076  -281.521781
 0.50000   -4.639197  -134.625777    -5.135730
-527.684287   -54.449631  -227.416573
 0.75000   -4.639197   -97.342776    -5.135730
-527.684287   -58.896611  -173.311365
 1.00000   -4.639197   -76.391468    -5.135730
-527.684287   -63.550899  -119.204663

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.554292   121.100637    1.280594
63.726256    3.543536   894.283095
 0.25000    0.554292   121.766395    1.280594
61.747545    3.690329   748.393615
 0.50000    0.554292   122.545920    1.280594
60.246502    3.839660   601.463412
 0.75000    0.554292   123.423363    1.280594
57.556919    4.232353   453.494074
 1.00000    0.554292   124.380383    1.280594
56.404476    4.911692   305.655067
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1393

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.566667   -20.439703    -1.314768
-599.437232   -19.970029  -124.490654
 0.25000   -1.566667   -19.510558    -1.314768
-600.868160   -18.651083  -104.254146
 0.50000   -1.566667   -18.541263    -1.314768
-602.309599   -17.829623   -84.017637
 0.75000   -1.566667   -17.602309    -1.314768
-603.771359   -18.884402   -63.781129
 1.00000   -1.566667   -17.093768    -1.314768
-605.795379   -20.257591   -43.545411

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.834727   248.360666    2.053616
180.467007   53.238733   1911.354
 0.25000    3.834727   255.489863    2.053616
162.081231   56.668071   1650.183
 0.50000    3.834727   263.831230    2.053616
148.105082   60.102281   1383.193
 0.75000    3.834727   273.220285    2.053616
123.133273   63.763019   1115.316
 1.00000    3.834727   283.465852    2.053616
112.422852   67.762408   845.563441

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.051972   -76.034105    -4.219788
-909.435664   -19.993177  -221.542058
 0.25000   -2.051972   -66.085288    -4.219788
-922.711937   -19.695090  -185.561776
 0.50000   -2.051972   -55.710150    -4.219788
-936.089189   -21.093425  -149.581494
 0.75000   -2.051972   -45.703618    -4.219788
-949.664057   -22.738705  -113.601212
 1.00000   -2.051972   -40.257168    -4.219788
-968.462672   -24.441039   -77.621429

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.429224   378.625679    5.500249
114.261391   38.404096   2906.113
 0.25000    2.429224   411.634494    5.500249
114.261370   35.117036   2627.818
 0.50000    2.429224   450.072605    5.500249
114.261370   31.858929   2300.584
 0.75000    2.429224   493.336470    5.500249
114.261370   33.626428   1912.767
 1.00000    2.429224   540.695210    5.500249
114.261370   36.582152   1450.673

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.949579  -241.858817    -3.300217
-737.168823   -20.918457   -203.138545
 0.25000   -2.949579  -195.821181    -3.300217
-737.168823   -21.345338  -251.784596
 0.50000   -2.949579  -147.916909    -3.300217
-737.168823   -23.172165  -203.130646
 0.75000   -2.949579  -103.031792    -3.300217
-737.168823   -25.146117  -154.476697
 1.00000   -2.949579   -77.790434    -3.300217
-737.168823   -28.518460  -105.820856

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.162626   405.298981    7.948746
450.004814   50.057019   3145.851
 0.25000    3.162626   432.327900    7.948746
450.004814   49.026117   2803.019
 0.50000    3.162626   463.805698    7.948746
450.004814   48.001717   2422.833
 0.75000    3.162626   499.234942    7.948746
450.004814   50.466780   2000.233
 1.00000    3.162626   538.016722    7.948746
450.004814   54.526389   1525.701
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1394

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.852193  -210.733324    -4.058083
-652.590871   -60.189116  -334.703589
 0.25000   -5.852193  -173.034392    -4.058083
-652.590871   -64.838869  -280.672334
 0.50000   -5.852193  -133.806326    -4.058083
-652.590871   -70.647096  -226.641079
 0.75000   -5.852193   -97.029524    -4.058083
-652.590871   -76.576418  -172.609824
 1.00000   -5.852193   -76.361082    -4.058083
-652.590871   -82.842864  -118.577036

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.551171   140.809224    1.624645
791.178214   81.465681   962.629281
 0.25000    6.551171   141.288636    1.624645
792.266369   91.159943   806.601860
 0.50000    6.551171   141.835443    1.624645
793.428492  100.954484   649.754036
 0.75000    6.551171   142.436501    1.624645
794.662450  110.839646   492.012683
 1.00000    6.551171   143.076761    1.624645
795.967534  120.849000   333.717533

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.245507   -25.555104    -8.535146
-96.018982   -12.748368  -167.409571
 0.25000   -1.245507   -25.066210    -8.535146
-94.875145   -14.705139  -142.028892
 0.50000   -1.245507   -24.571970    -8.535146
-93.809220   -16.679340  -116.664056
 0.75000   -1.245507   -24.093516    -8.535146
-92.820842   -18.659354   -91.333011
 1.00000   -1.245507   -23.646338    -8.535146
-91.910050   -20.646828   -66.030366

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.178202   275.501751    6.144726
 1210.811   92.352078   1965.506
 0.25000    7.178202   279.550763    6.144726
 1218.712  103.270990   1680.931
 0.50000    7.178202   284.169254    6.144726
 1227.142  114.345055   1390.309
 0.75000    7.178202   289.245932    6.144726
 1236.094  125.483292   1102.070
 1.00000    7.178202   294.652919    6.144726
 1245.553  136.724354   820.426508

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.094190   -70.887765    -9.539443
-196.353142   -58.638955  -296.925578
 0.25000   -5.094190   -66.757169    -9.539443
-188.082418   -66.123558  -249.282687
 0.50000   -5.094190   -62.581183    -9.539443
-180.367684   -73.637891  -201.930832
 0.75000   -5.094190   -58.539428    -9.539443
-173.230897   -81.178488  -155.110086
 1.00000   -5.094190   -54.759774    -9.539443
-166.648082   -88.742034  -108.295351

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.819396   398.915400    7.330171
 1044.691   97.980200   2945.172
 0.25000    6.819396   426.107837    7.330171
 1038.986  104.489810   2617.151
 0.50000    6.819396   457.156252    7.330171
 1033.520  111.180670   2243.402
 0.75000    6.819396   491.263618    7.330171
 1028.272  119.915397   1824.687
 1.00000    6.819396   527.615243    7.330171
 1023.231  129.429571   1362.163
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1395

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.382892  -211.518737    -9.105108
-140.725579   -42.922939  -404.446633
 0.25000   -4.382892  -183.704501    -9.105108
-144.557109   -48.371593  -339.121028
 0.50000   -4.382892  -155.589686    -9.105108
-149.003993   -53.848622  -273.717239
 0.75000   -4.382892  -128.316735    -9.105108
-153.988942   -59.442347  -208.878552
 1.00000   -4.382892  -102.874284    -9.105108
-159.559497   -65.427507  -144.307510

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.554565   430.149260    6.606717
918.319714  106.776724   3179.118
 0.25000    7.554565   452.535184    6.606717
914.252104  114.043412   2799.339
 0.50000    7.554565   478.094119    6.606717
910.337105  121.524858   2382.095
 0.75000    7.554565   506.171143    6.606717
906.564264  130.428769   1932.790
 1.00000    7.554565   536.095652    6.606717
902.917672  140.431103   1454.455

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.301393  -192.962106    -9.303164
-491.345923   -39.919685  -439.780046
 0.25000   -4.301393  -170.066131    -9.303164
-492.340977   -44.751755  -368.563370
 0.50000   -4.301393  -146.922836    -9.303164
-495.375342   -49.688622  -297.282850
 0.75000   -4.301393  -124.472629    -9.303164
-498.810754   -54.689152  -226.460357
 1.00000   -4.301393  -103.528126    -9.303164
-502.688206   -60.331144  -155.850025

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.573666   164.602086    5.411761
323.395163   7.029314   1247.999
 0.25000    0.573666   179.857600    5.411761
343.497097   8.118354   1144.085
 0.50000    0.573666   197.267993    5.411761
364.786892   9.372297   990.739970
 0.75000    0.573666   216.395636    5.411761
387.412075   10.569143   826.911957
 1.00000    0.573666   236.770591    5.411761
411.287765   11.773243   642.814852

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.305404  -109.926364    -1.013296
-145.888324   -7.326716  -180.980138
 0.25000   -4.305404   -94.352158    -1.013296
-125.184880   -53.674395  -127.946804
 0.50000   -4.305404   -78.614628    -1.013296
-105.887888   -60.043180  -103.975057
 0.75000   -4.305404   -63.359901    -1.013296
-88.053337   -66.424572   -80.035681
 1.00000   -4.305404   -49.107864    -1.013296
-71.671058   -72.817847   -56.127728

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.203492   322.514554    6.392398
239.106423   40.767201   2457.575
 0.25000    2.203492   352.937893    6.392398
239.106423   38.946562   2233.841
 0.50000    2.203492   387.665488    6.392398
239.106423   37.167753   1958.920
 0.75000    2.203492   425.814305    6.392398
239.106423   37.082877   1639.039
 1.00000    2.203492   466.473474    6.392398
239.106423   39.916637   1277.952
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1396

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.612907  -219.633695    -2.501962
-193.920703   -31.044086  -296.351196
 0.25000   -3.612907  -188.527870    -2.501962
-193.920703   -34.461428  -248.355328
 0.50000   -3.612907  -157.086696    -2.501962
-193.920703   -37.918204  -200.266980
 0.75000   -3.612907  -126.587639    -2.501962
-193.920703   -41.528261  -152.257804
 1.00000   -3.612907   -98.127577    -2.501962
-193.920703   -47.286655  -104.286738

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.036560   402.149647    7.531595
792.812722   78.363694   3023.965
 0.25000    5.036560   429.943325    7.531595
793.452399   81.131520   2698.079
 0.50000    5.036560   461.666744    7.531595
794.092077   83.994025   2325.473
 0.75000    5.036560   496.515377    7.531595
794.731754   88.932140   1910.581
 1.00000    5.036560   533.657234    7.531595
795.371433   96.079093   1455.828

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.813191  -217.037361    -6.014432
-238.101405   -47.625259  -398.543562
 0.25000   -4.813191  -188.623381    -6.014432
-238.101405   -52.752218  -334.085610
 0.50000   -4.813191  -159.903251    -6.014432
-238.101405   -57.972782  -269.545630
 0.75000   -4.813191  -132.043851    -6.014432
-238.101405   -63.568046  -205.077316
 1.00000   -4.813191  -106.045168    -6.014432
-238.101405   -71.247608  -140.638285

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.906056   428.454410    7.048837
694.928974   71.843347   3184.031
 0.25000    4.906056   451.953016    7.048837
694.928974   74.933733   2808.666
 0.50000    4.906056   478.775999    7.048837
694.928974   78.175614   2394.104
 0.75000    4.906056   508.241474    7.048837
694.928974   82.783998   1942.523
 1.00000    4.906056   539.645900    7.048837
694.928974   89.683767   1455.795

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.036759  -196.544780    -5.960673
-641.741776   -47.464092  -438.068548
 0.25000   -5.036759  -172.519189    -5.960673
-641.741776   -52.439135  -367.050204
 0.50000   -5.036759  -148.234579    -5.960673
-641.741776   -57.564048  -295.961399
 0.75000   -5.036759  -124.674545    -5.960673
-641.741776   -62.863681  -224.935402
 1.00000   -5.036759  -102.695594    -5.960673
-641.741776   -69.859152  -153.940778

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    0.787118   145.629607    1.596143
75.193355    3.837646   974.067736
 0.25000    0.787118   146.216394    1.596143
73.704609    4.124850   813.274661
 0.50000    0.787118   146.885214    1.596143
72.309217    4.569091   651.492410
 0.75000    0.787118   147.629238    1.596143
71.008167    5.168144   488.988517
 1.00000    0.787118   148.417095    1.596143
69.803002    5.922546   325.538545
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                         Page
<              MOVING          LOAD          >
                          1397

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.342381   -26.158956    -1.438738
-744.034619   -25.972146  -163.283590
 0.25000   -2.342381   -25.553717    -1.438738
-745.392138   -25.914026  -137.902372
 0.50000   -2.342381   -24.942720    -1.438738
-746.850166   -26.197905  -112.429925
 0.75000   -2.342381   -24.349694    -1.438738
-748.409511   -27.481797   -87.248640
 1.00000   -2.342381   -23.798949    -1.438738
-750.072316   -28.870487   -61.523138

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.547489   277.695218    2.306738
179.529555   44.591976   1968.716
 0.25000    3.547489   283.015880    2.306738
168.221986   47.302621   1687.850
 0.50000    3.547489   289.115510    2.306738
157.633616   50.268848   1398.934
 0.75000    3.547489   295.814985    2.306738
147.763390   53.437949   1109.722
 1.00000    3.547489   302.953345    2.306738
138.593493   56.808668   824.589207

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.792517   -78.380284    -3.917271
-1088.925   -26.888576  -288.214436
 0.25000   -2.792517   -72.908439    -3.917271
-1099.199   -26.971353  -241.237515
 0.50000   -2.792517   -67.375244    -3.917271
-1110.219   -28.133640  -194.242545
 0.75000   -2.792517   -62.005763    -3.917271
-1122.006   -29.602298  -147.242633
 1.00000   -2.792517   -57.015260    -3.917271
-1134.593   -31.160237  -100.247531

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.613944   395.092632    5.427471
158.690314   35.796104   2898.056
 0.25000    2.613944   422.623199    5.427471
162.880939   33.991915   2575.995
 0.50000    2.613944   454.038259    5.427471
167.161212   32.863825   2207.572
 0.75000    2.613944   488.547989    5.427471
171.475932   34.917332   1793.643
 1.00000    2.613944   525.328773    5.427471
175.776087   37.913736   1335.460

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.823926  -212.259887    -3.425933
-919.880320   -29.886044   -391.715563
 0.25000   -3.823926  -184.125562    -3.425933
-916.846628   -30.869330   -328.044733
 0.50000   -3.823926  -155.688737    -3.425933
-914.153405   -32.968541   -264.292634
 0.75000   -3.823926  -128.104669    -3.425933
-911.823093   -36.200726   -200.625799
 1.00000   -3.823926  -102.356527    -3.425933
-911.243856   -40.268202   -136.991073

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.621341   430.564620    7.756083
563.857815   51.549700   3165.554
 0.25000    3.621341   453.192294    7.756083
566.661851   52.338394   2785.894
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 0.50000      3.621341   479.014201     7.756083
569.487531    53.494253    2368.417
 0.75000      3.621341   507.379833     7.756083
572.298881    57.351050    1917.393
 1.00000      3.621341   537.612156     7.756083
575.055010    62.112780    1436.396
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1398

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.109998 -193.427605    -4.700936
-818.061292  -61.618066 -436.670373
 0.25000   -6.109998 -170.301672    -4.700936
-816.259424  -66.403431 -365.830666
 0.50000   -6.109998 -146.926969    -4.700936
-814.691841  -72.110121 -294.928067
 0.75000   -6.109998 -124.253123    -4.700936
-814.180013  -78.664546 -224.078895
 1.00000   -6.109998 -103.089606    -4.700936
-814.050309  -86.081611 -153.252170

 COMB      DB ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.570552   405.298891    7.948746
984.057491   97.999414   3160.981
 0.25000    6.570552   432.327900    7.948746
994.435062  101.907662   2831.829
 0.50000    6.570552   463.805698    7.948746
 1004.843   105.949987   2442.649
 0.75000    6.570552   503.206991    7.948746
 1015.324   113.184617   2032.039
 1.00000    6.570552   549.854355    7.948746
 1029.797   122.136417   1577.793

 COMB      DB ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.852193 -250.791769    -7.954764
-909.435664  -60.365929  -336.677461
 0.25000   -5.852193 -200.967626    -7.954764
-922.711937  -67.798938 -282.493778
 0.50000   -5.852193 -149.122434    -7.954764
-936.089189  -75.232024 -228.310095
 0.75000   -5.852193 -103.746682    -7.954764
-949.664057  -82.665137 -174.126412
 1.00000   -5.852193  -78.885321    -7.954764
-968.462672  -90.098254 -119.941042

 COMB      DL ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.554565   430.564620    7.756083
 1210.811   106.776724   3184.031
 0.25000    7.554565   453.192294    7.756083
 1218.712   114.043412   2808.666
 0.50000    7.554565   479.014201    7.756083
 1227.142   121.524858   2394.104
 0.75000    7.554565   508.241474    7.756083
 1236.094   130.428769   1942.523
 1.00000    7.554565   539.645900    7.756083
 1245.553   140.431103   1455.828

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.109998 -219.633695    -9.539443
-1088.925  -61.618066 -439.780046
 0.25000   -6.109998 -188.623381    -9.539443
-1099.199  -66.403431 -368.563370
 0.50000   -6.109998 -159.903251    -9.539443
-1110.219  -73.637891 -297.282850
 0.75000   -6.109998 -132.043851    -9.539443
-1122.006  -81.178488 -226.460357
 1.00000   -6.109998 -106.045168    -9.539443
-1134.593  -88.742034 -155.850025

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.554565   430.564620    7.948746
 1210.811   106.776724   3184.031
 0.25000    7.554565   453.192294    7.948746
 1218.712   114.043412   2821.829
 0.50000    7.554565   479.014201    7.948746
 1227.142   121.524858   2442.649
 0.75000    7.554565   508.241474    7.948746
 1236.094   130.428769   2032.039
 1.00000    7.554565   549.854355    7.948746
 1245.553   140.431103   1577.793
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1399

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.109998 -250.791769    -9.539443
-1088.925  -61.618066 -439.780046
 0.25000   -6.109998 -200.967626    -9.539443
-1099.199  -67.798938 -368.563370
 0.50000   -6.109998 -159.903251    -9.539443
-1110.219  -75.232024 -297.282850
 0.75000   -6.109998 -132.043851    -9.539443
-1122.006  -82.665137 -226.460357
 1.00000   -6.109998 -106.045168    -9.539443
-1134.593  -90.098254 -155.850025

 COMB    DESIGN ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.554565   430.564620    7.948746
 1210.811   106.776724   3184.031
 0.25000    7.554565   453.192294    7.948746
 1218.712   114.043412   2821.829
 0.50000    7.554565   479.014201    7.948746
 1227.142   121.524858   2442.649
 0.75000    7.554565   508.241474    7.948746
 1236.094   130.428769   2032.039
 1.00000    7.554565   549.854355    7.948746
 1245.553   140.431103   1577.793

 COMB    DESIGN ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.109998 -250.791769    -9.539443
-1088.925  -61.618066 -439.780046
 0.25000   -6.109998 -200.967626    -9.539443
-1099.199  -67.798938 -368.563370
 0.50000   -6.109998 -159.903251    -9.539443
-1110.219  -75.232024 -297.282850
 0.75000   -6.109998 -132.043851    -9.539443
-1122.006  -82.665137 -226.460357
 1.00000   -6.109998 -106.045168    -9.539443
-1134.593  -90.098254 -155.850025

 ELEM      110 ================== LENGTH
=     2.751480

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.681230   108.973388   29.412820
475.923820   83.084586   305.455654
 0.25000    4.681230   109.430671   29.412820
476.724438   62.852935   231.434173
 0.50000    4.681230   109.934134   29.412820
477.542059   42.621285   156.847375
 0.75000    4.681230   110.471921   29.412820
478.378354   22.396043    81.591742
 1.00000    4.681230   111.040546   29.412820
479.234822    2.233843    5.787891

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.747187  -17.363117    -3.854924
-55.018864  -12.187429  -45.236117
 0.25000   -0.747187  -17.075535    -3.854924
-54.362928   -9.536785  -33.989140
 0.50000   -0.747187  -16.768344    -3.854924
-53.688619   -6.889786  -22.742535
 0.75000   -0.747187  -16.447528    -3.854924
-52.994268   -4.244034  -11.501808
 1.00000   -0.747187  -16.350233    -3.854924
-52.278041   -1.667753   -0.597564

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.243546   295.975960   33.235730
776.682882   95.462964   816.546423
 0.25000    5.243546   300.567943   33.235730
783.886118   72.611411   622.360875
 0.50000    5.243546   305.622985   33.235730
791.237882   49.761130   422.497745
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1400

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    5.243546   311.022270   33.235730
798.753588   26.954544   215.919033
 1.00000    5.243546   316.730840   33.235730
806.450099    4.784350    6.511375

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.345710  -39.565629   -32.333871
-148.606912  -89.367613  -81.386575
 0.25000   -5.345710  -36.678268   -32.333871
-142.704100  -67.127640  -61.121944
 0.50000   -5.345710  -33.594150   -32.333871
-136.637433  -44.892126  -40.858518
 0.75000   -5.345710  -30.373309   -32.333871
-130.391436  -22.676565  -20.604347
 1.00000   -5.345710  -29.457825   -32.333871
-123.949131   -2.360661   -5.703955

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.749321   525.193299   30.210416
641.633771   85.705026   1447.303
 0.25000    4.749321   552.258541   30.210416
639.531292   65.338177   1142.000
 0.50000    4.749321   582.021250   30.210416
638.852995   45.410465   803.193854
 0.75000    4.749321   613.789063   30.210416
638.852995   25.624953   424.842607
 1.00000    4.749321   647.359939   30.210416
638.852995    6.871659    5.942973

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.016118  -95.851675   -21.549507
-84.438267  -57.136696 -109.419940
 0.25000   -4.016118  -78.855554   -21.549507
-84.438267  -42.321133  -82.161789
 0.50000   -4.016118  -60.710621   -21.549507
-84.438267  -27.690234  -54.800798
 0.75000   -4.016118  -41.764619   -21.549507
-84.438267  -14.231223  -27.501753
 1.00000   -4.016118  -39.682996   -21.549507
-84.438267   -2.860284   -4.469442

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.477322   558.991882   41.619684
573.982647  116.308489   1541.153
 0.25000    6.477322   581.245272   41.619684
573.982647   88.541975   1202.642
 0.50000    6.477322   605.714517   41.619684
573.982647   60.603869   836.585291
 0.75000    6.477322   631.832504   41.619684
573.982647   32.780278   438.016576
 1.00000    6.477322   659.433119   41.619684
573.982647    7.840800    7.679044

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.886001  -89.805962   -21.295081
-335.021825  -54.990754 -119.882753
 0.25000   -3.886001  -75.831950   -21.295081
-335.021825  -40.354777  -89.687342
 0.50000   -3.886001  -60.914034   -21.295081
-335.021825  -25.748086  -59.897827
 0.75000   -3.886001  -45.337477   -21.295081
-335.021825  -12.599767  -29.911159
 1.00000   -3.886001  -43.586605   -21.295081
-335.021825   -3.652538   -4.661490

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.334266   266.515529    2.126563
248.782546    7.220469   728.943413
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1401

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    0.334266   281.156728    2.126563
261.876947    5.904885   575.721611
 0.50000    0.334266   297.266579    2.126563
275.199105    4.602942   404.388500
 0.75000    0.334266   314.468752    2.126563
288.785762    3.388353   211.652400
 1.00000    0.334266   332.652689    2.126563
302.670444    3.075402    0.417932

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.282178  -46.738698   -32.169719
-124.735445  -86.578681  -42.014741
 0.25000   -5.282178  -37.537851   -32.169719
-113.975074  -64.450190  -31.515797
 0.50000   -5.282178  -27.712065   -32.169719
-102.935530  -42.321778  -21.015487
 0.75000   -5.282178  -17.451403   -32.169719
-91.582743  -20.196480  -10.520465
 1.00000   -5.282178  -15.253783   -32.169719
-79.879318   -0.659294   -5.819969

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.284327   525.347730   15.055763
187.531039   41.484018   1443.387
 0.25000    2.284327   554.892993   15.055763
187.531039   31.616788   1143.090
 0.50000    2.284327   587.379461   15.055763
187.531039   22.179935   806.220322
 0.75000    2.284327   622.054966   15.055763
187.531039   12.882740   426.186759
 1.00000    2.284327   658.699013   15.055763
187.531039    5.802928    2.604121

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.020607  -90.715219   -21.914504
-149.043965  -55.276959  -80.603564
 0.25000   -4.020607  -72.163607   -21.914504
-149.043965  -40.209477  -60.404237
 0.50000   -4.020607  -52.357853   -21.914504
-149.043965  -25.185493  -40.212327
 0.75000   -4.020607  -31.677642   -21.914504
-149.043965  -11.995076  -20.021242
 1.00000   -4.020607  -29.338991   -21.914504
-149.043965   -1.734251   -4.824593

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.417997   572.833507   28.810798
527.132251   81.311367   1576.448
 0.25000    4.417997   599.717446   28.810798
527.132251   61.960045   1238.008
 0.50000    4.417997   629.275575   28.810798
527.132251   42.961520   866.284294
 0.75000    4.417997   660.825684   28.810798
527.132251   24.096548   455.290107
 1.00000    4.417997   694.167174   28.810798
527.132251    7.248075    5.326274

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.797882  -95.363863   -27.540696
-166.844247  -70.860841  -107.692269
 0.25000   -4.797882  -78.484451   -27.540696
-166.844247  -51.692360  -81.519332
 0.50000   -4.797882  -60.463829   -27.540696
-166.844247  -32.811825  -54.353404
 0.75000   -4.797882  -41.647526   -27.540696
-166.844247  -15.408947  -27.192818
 1.00000   -4.797882  -39.478692   -27.540696
-166.844247   -2.740720   -5.597785
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1402

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.401028   560.156489   28.236996
456.245657   79.779580   1541.045
 0.25000    4.401028   582.817693   28.236996
456.245657   60.730759   1202.600
 0.50000    4.401028   607.734802   28.236996
456.245657   42.007277   836.119742
 0.75000    4.401028   634.330902   28.236996
456.245657   23.398072   436.565917
 1.00000    4.401028   662.436871   28.236996
456.245657    8.225746    5.105876

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.789886  -90.512519   -27.893946
-431.012541  -70.368667  -119.292019
 0.25000   -4.789886  -76.283440   -27.893946
-431.012541  -51.190659  -89.399285
 0.50000   -4.789886  -61.092434   -27.893946
-431.012541  -32.046021  -59.512453
 0.75000   -4.789886  -45.230720   -27.893946
-431.012541  -14.264174  -29.630021
 1.00000   -4.789886  -43.436976   -27.893946
-431.012541   -3.766901   -5.985466

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    0.422970   112.564679    2.594673
45.760414    5.538838   307.889480
 0.25000    0.422970   113.126792    2.594673
44.921542    3.818214   231.632798
 0.50000    0.422970   113.748167    2.594673
44.052294    2.296720   154.685059
 0.75000    0.422970   114.410933    2.594673
43.154803    2.172337    76.911618
 1.00000    0.422970   115.110959    2.594673
42.227902    3.406924    0.590465

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.592489  -17.203311   -9.899128
-480.709773  -23.930858  -43.855493
 0.25000   -1.592489  -16.848577   -9.899128
-481.744078  -17.129466  -32.778210
 0.50000   -1.592489  -16.470046   -9.899128
-482.808319  -10.329052  -21.701059
 0.75000   -1.592489  -16.103276   -9.899128
-483.902886   -3.550228  -10.623708
 1.00000   -1.592489  -16.103256   -9.899128
-485.029343   -2.417751   -2.533812

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.851801   308.232985   25.522067
154.303392   68.397324   848.522595
 0.25000    3.851801   314.235579   25.522067
146.471727   50.916786   649.010336
 0.50000    3.851801   320.866285   25.522067
138.384902   33.662551   442.111731
 0.75000    3.851801   327.939362   25.522067
130.033722   17.962565   226.401971
 1.00000    3.851801   335.410599   25.522067
121.408121    5.863704    4.315584

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.022438  -40.456773   -12.660702
-739.914351  -29.899721  -78.065053
 0.25000   -2.022438  -36.671054   -12.660702
-749.538194  -21.198019  -58.379518
 0.50000   -2.022438  -32.631322   -12.660702
-759.445941  -12.521725  -38.695411
 0.75000   -2.022438  -28.612901   -12.660702
-769.640103   -4.505075  -19.009162
 1.00000   -2.022438  -28.612871   -12.660702
-780.134730   -3.633658   -3.309384
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1403

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.053203   528.888144   13.441775
107.666370   34.783987   1453.227
 0.25000    2.053203   556.178546   13.441775
107.666370   26.093931   1145.819
 0.50000    2.053203   586.182127   13.441775
107.666370   17.908812   804.628396
 0.75000    2.053203   618.207892   13.441775
107.666370   11.334290   423.602516
 1.00000    2.053203   652.052230   13.441775
107.666370    7.881510    2.464528

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.021309  -95.574718   -15.788280
-594.669755  -36.204035  -106.216337
 0.25000   -3.021309  -78.440894   -15.788280
-594.669755  -25.380418  -79.496865
 0.50000   -3.021309  -60.148581   -15.788280
-594.669755  -14.595300  -52.783933
 0.75000   -3.021309  -41.048561   -15.788280
-594.669755   -5.161083  -26.070895
 1.00000   -3.021309  -38.819719   -15.788280
-594.669755   -3.806053   -4.400788

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.873946   555.929013   18.652494
373.120347   51.134086   1526.914
 0.25000    2.873946   578.283296   18.652494
373.120347   38.737544   1190.716
 0.50000    2.873946   602.862613   18.652494
373.120347   26.905455   826.194523
 0.75000    2.873946   629.098199   18.652494
373.120347   16.226517   430.343114
 1.00000    2.873946   656.823230   18.652494
373.120347    8.505024    3.525589

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.036972  -89.755205   -35.543158
-533.467263  -90.526862  -118.790179
 0.25000   -6.036972  -75.719017   -35.543158
-533.467263   -66.083442   -88.963819
 0.50000   -6.036972   -60.733925   -35.543158
-533.467263   -41.724416   -59.183248
 0.75000   -6.036972   -45.087210   -35.543158
-533.467263   -18.716951   -29.385857
 1.00000   -6.036972   -43.311680   -35.543158
-533.467263   -3.962206   -7.604963

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.617717   130.525524   40.975202
606.885082  116.376893   331.240472
 0.25000    6.617717   130.917558   40.975202
607.590163   88.193945   250.585868
 0.50000    6.617717   131.339632   40.975202
608.341426   60.015272   169.577282
 0.75000    6.617717   131.786650   40.975202
609.139563   31.844976    88.195725
 1.00000    6.617717   132.254629   40.975202
609.988174    3.800547    7.293750

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.089902  -23.916932    -5.892840
-73.015277  -18.227625  -65.693857
 0.25000   -1.089902  -23.627458    -5.892840
-73.015635  -14.179560  -49.098429
 0.50000   -1.089902  -23.335853    -5.892840
-72.256820  -10.134785  -32.519280
 0.75000   -1.089902  -23.047490    -5.892840
-71.512487   -6.099053  -15.941502
 1.00000   -1.089902  -22.822129    -5.892840
-70.782558   -2.191066   -1.039788
 Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD            >
                              1404

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.209860   331.453702   44.922580
971.148129  129.508203   816.825849
 0.25000    7.209860   334.773997   44.922580
976.251012   98.630240   618.292577
 0.50000    7.209860   338.348886   44.922580
981.685615   67.770299   416.756812
 0.75000    7.209860   342.135001   44.922580
987.456653   36.981642   212.025043
 1.00000    7.209860   346.098683   44.922580
993.595040    7.561040    7.992089

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.069993  -50.027133   -31.183520
-172.622939  -86.963759 -107.766989
 0.25000   -5.069993  -47.578271   -31.183520
-167.034174  -65.533751  -82.825851
 0.50000   -5.069993  -45.112130   -31.183520
-161.551621  -44.120082  -53.876181
 0.75000   -5.069993  -42.672805   -31.183520
-156.175770  -22.773949  -26.960137
 1.00000   -5.069993  -40.832519   -31.183520
-150.902751   -3.166313   -5.012226

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.767685   548.836268   42.451951
832.177820  122.090206   1359.361
 0.25000    6.767685   571.555767   42.451951
827.989105   93.038715   1052.316
 0.50000    6.767685   595.990508   42.451951
823.817634   64.124694   724.895685
 0.75000    6.767685   621.917035   42.451951
819.684585   35.867486   375.670152
 1.00000    6.767685   649.041173   42.451951
815.612567   10.595346    7.499928

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.261227  -115.044538   -24.483087
-122.352848  -65.516320  -143.927394
 0.25000   -4.261227   -98.446154   -24.483087
-125.760310   -48.823628  -107.821509
 0.50000   -4.261227   -81.747072   -24.483087
-129.508569   -32.538783   -71.675568
 0.75000   -4.261227   -65.165951   -24.483087
-133.585751   -17.024835   -35.517091
 1.00000   -4.261227   -55.605553   -24.483087
-137.989167   -3.928952   -4.474445

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.527557   588.655235   47.659824
736.559624  134.495807   1453.431
 0.25000    7.527557   607.354711   47.659824
733.540490  101.930410   1117.090
 0.50000    7.527557   627.464770   47.659824
730.526950   69.665930   763.985584
 0.75000    7.527557   648.802651   47.659824
727.536759   38.711533   392.932575
 1.00000    7.527557   671.106362   47.659824
724.589758   12.397547    8.022184

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.194527  -109.377124   -24.456986
```

-409.443092 -62.825797 -155.741381
0.25000 -4.194527 -95.714905 -24.456986
-411.861885 -46.222754 -116.605838
0.50000 -4.194527 -81.969778 -24.456986
-414.532870 -30.101653 -77.437703
0.75000 -4.194527 -68.346322 -24.456986
-417.450914 -15.429290 -38.301837
1.00000 -4.194527 -60.423199 -24.456986
-420.609021 -5.125735 -4.826096
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1405

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.428781 263.050789 2.830587
293.860003 9.430039 641.983187
0.25000 0.428781 275.643275 2.830587
306.646662 7.561885 498.373028
0.50000 0.428781 289.179828 2.830587
320.258611 5.726938 343.411252
0.75000 0.428781 303.525429 2.830587
334.711818 4.008402 176.344920
1.00000 0.428781 318.541159 2.830587
350.053168 4.281073 0.487323

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.404181 -55.177090 -27.739798
-141.504210 -74.450524 -55.965625
0.25000 -4.404181 -45.924683 -27.739798
-127.561859 -55.402277 -42.115243
0.50000 -4.404181 -36.627927 -27.739798
-113.897803 -36.387743 -28.283543
0.75000 -4.404181 -27.392736 -27.739798
-100.505115 -17.476011 -14.465196
1.00000 -4.404181 -20.936523 -27.739798
-87.365618 -0.904014 -4.818703

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.968242 521.709275 13.090777
224.988242 36.680462 1278.164
0.25000 1.968242 547.099624 13.090777
224.988242 28.027976 993.754338
0.50000 1.968242 574.398632 13.090777
224.988242 19.678240 686.554119
0.75000 1.968242 603.394431 13.090777
224.988242 12.242804 354.998591
1.00000 1.968242 633.636262 13.090777
224.988242 8.504137 1.970914

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.613730 -107.385461 -20.894234
-176.539211 -51.995648 -104.350290
0.25000 -3.613730 -88.831206 -20.894234
-176.539211 -37.776640 -78.129326
0.50000 -3.613730 -70.164189 -20.894234
-176.539211 -23.743598 -51.868146
0.75000 -3.613730 -51.663400 -20.894234
-176.539211 -11.203633 -25.644027
1.00000 -3.613730 -40.728652 -20.894234
-176.539211 -2.507742 -4.073035

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.847541 590.009125 31.094560
655.699730 89.355220 1454.240
0.25000 4.847541 613.198311 31.094560
656.054720 68.297399 1123.411
0.50000 4.847541 638.128388 31.094560
656.407671 47.494421 771.759664
0.75000 4.847541 664.576066 31.094560
656.725868 27.476057 397.873369
1.00000 4.847541 692.227392 31.094560
656.995637 10.976168 5.210271

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.814363 -115.692022 -28.529454
-204.564320 -74.450524 -140.465265
0.25000 -4.814363 -98.745311 -28.529454
-204.564320 -54.915597 -105.205551
0.50000 -4.814363 -81.695561 -28.529454
-204.562281 -35.597544 -69.942421
0.75000 -4.814363 -64.797495 -28.529454
-204.525487 -17.509427 -34.709413
1.00000 -4.814363 -54.763510 -28.529454
-204.440264 -3.792029 -5.345504
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1406

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.730760 589.956902 29.966747
567.303644 84.210040 1456.161
0.25000 4.730760 609.567960 29.966747
567.303644 64.028832 1119.500
0.50000 4.730760 630.653233 29.966747
567.303644 44.338805 765.228341
0.75000 4.730760 653.022045 29.966747
567.303644 25.879158 392.155155
1.00000 4.730760 676.407336 29.966747
567.303644 13.138803 5.043245

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.017023 -111.691526 -29.895675
-525.725695 -75.176434 -154.031362
0.25000 -5.017023 -97.360546 -29.895675
-525.725695 -58.780774 -111.056
0.50000 -5.017023 -82.942471 -29.895675
-525.725695 -35.009162 -76.562856
0.75000 -5.017023 -68.652787 -29.895675
-525.725695 -16.780252 -37.838213
1.00000 -5.017023 -60.206980 -29.895675
-525.725695 -5.353498 -6.051378

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.631917 133.344423 3.512584
55.335034 6.519495 328.353173
0.25000 0.631917 133.843421 3.512584
54.307296 4.429006 246.205191
0.50000 0.631917 134.382500 3.512584
53.302777 2.837085 163.611966
0.75000 0.631917 134.955172 3.512584
52.317209 2.461791 80.550508
1.00000 0.631917 135.553681 3.512584
51.349293 6.407855 0.773634

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.269892 -23.725225 -14.376906
-594.836473 -33.330721 -61.932199
0.25000 -2.269892 -23.362444 -14.376906
-595.750811 -23.743305 -46.320012
0.50000 -2.269892 -22.996108 -14.376906
-596.728994 -14.586692 -30.709390
0.75000 -2.269892 -22.634753 -14.376906
-597.772778 -6.146535 -15.098031
1.00000 -2.269892 -22.487927 -14.376906
-598.883699 -3.579951 -3.357215

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.454117 338.809483 22.368694
159.966809 57.450625 828.483373
0.25000 3.454117 343.319178 22.368694
152.207203 42.467928 627.192071
0.50000 3.454117 348.191581 22.368694
144.576311 28.190032 421.893222
0.75000 3.454117 353.358200 22.368694
137.074158 15.920202 212.670193
1.00000 3.454117 358.764002 22.368694
129.718142 10.396234 3.345880

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.667083 -50.948088 -17.098105
-894.187914 -37.917574 -100.857346
0.25000 -2.667083 -47.666922 -17.098105
-901.127677 -26.537906 -75.358762
0.50000 -2.667083 -44.353382 -17.098105
-908.551878 -15.809879 -49.865040
0.75000 -2.667083 -41.084727 -17.098105
-916.470351 -6.771377 -24.369687
1.00000 -2.667083 -39.657208 -17.098105
-924.916035 -5.422329 -4.203085
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1407

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.270538 543.800590 14.470327
143.507377 36.558950 1338.766
0.25000 2.270538 566.747605 14.470327
144.593378 27.273262 1035.364
0.50000 2.270538 591.409162 14.470327
146.584095 18.646059 711.362313
0.75000 2.270538 617.572031 14.470327
148.618564 12.030238 365.346083
1.00000 2.270538 644.943677 14.470327
150.721223 12.921140 2.388502

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.699163 -114.372654 -21.366426
-753.201283 -48.113631 -137.527183
0.25000 -3.699163 -97.599444 -21.366426
-751.437322 -33.845088 -102.850123
0.50000 -3.699163 -80.724086 -21.366426
-749.768094 -20.366289 -68.138779
0.75000 -3.699163 -63.998359 -21.366426
-748.169476 -8.539076 -33.507961
1.00000 -3.699163 -53.897257 -21.366426
-746.615144 -5.555895 -5.277560

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.347510 584.762533 21.279105
472.831645 58.191851 1437.902
0.25000 3.347510 603.627229 21.279105
473.482168 44.109495 1104.086
0.50000 3.347510 623.902998 21.279105
474.161989 30.594708 753.325073
0.75000 3.347510 645.413075 21.279105
475.300225 18.782724 384.475400
1.00000 3.347510 667.901730 21.279105
476.512884 13.795031 3.630440

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.097904 -109.755630 -37.030894
-672.092882 -92.816788 -153.521022
0.25000 -6.097904 -95.967066 -37.030894
-671.114518 -67.702349 -114.887102
0.50000 -6.097904 -82.094562 -37.030894
-670.205263 -43.132961 -76.226730
0.75000 -6.097904 -68.345159 -37.030894
-669.344612 -20.216395 -37.595812
1.00000 -6.097904 -60.073687 -37.030894
-668.513962 -5.701890 -7.610793

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.477322 572.833507 41.619684
776.682882 116.808489 1576.448
0.25000 6.477322 599.717446 41.619684
783.886118 88.541975 1236.008
0.50000 6.477322 629.275575 41.619684
791.237882 60.603869 866.284294
0.75000 6.477322 660.825684 41.619684
798.753588 32.780278 455.290107
1.00000 6.477322 694.167174 41.619684
806.450099 8.505024 7.679044

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.036972 -95.851675 -35.543158
-739.014351 -90.526862 -119.882753
0.25000 -6.036972 -78.855554 -35.543158
-749.538194 -67.127640 -89.887342
0.50000 -6.036972 -61.092434 -35.543158
-759.445941 -44.892126 -59.897827
0.75000 -6.036972 -45.337477 -35.543158
-769.640103 -22.676565 -29.914159
1.00000 -6.036972 -43.586605 -35.543158
-780.134730 -3.962206 -1.604963
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1408

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.527557 590.009125 47.659824
971.148129 134.495807 1456.161
0.25000 7.527557 613.198311 47.659824
976.251012 101.930410 1123.411
0.50000 7.527557 638.128388 47.659824
981.685615 69.665930 771.759664
0.75000 7.527557 664.576066 47.659824
987.456653 38.711533 397.873369
1.00000 7.527557 692.227392 47.659824
993.595040 13.795031 8.022184

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.097904 -115.692022 -37.030894
-894.187914 -92.816788 -155.741381
0.25000 -6.097904 -98.745311 -37.030894
-901.127677 -67.702349 -116.605838
0.50000 -6.097904 -82.942471 -37.030894
-908.551878 -44.120082 -77.437703
0.75000 -6.097904 -68.652787 -37.030894
-916.470351 -22.773949 -38.301837
1.00000 -6.097904 -60.423199 -37.030894
-924.916035 -5.701890 -7.610793

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.527557 590.009125 47.659824
971.148129 134.495807 1576.448
0.25000 7.527557 613.198311 47.659824
976.251012 101.930410 1238.008
0.50000 7.527557 638.128388 47.659824
981.685615 69.665930 866.284294
0.75000 7.527557 664.576066 47.659824
987.456653 38.711533 455.290107
1.00000 7.527557 694.167174 47.659824
993.595040 13.795031 8.022184

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.097904 -115.692022 -37.030894
-894.187914 -92.816788 -155.741381
0.25000 -6.097904 -98.745311 -37.030894
-901.127677 -67.702349 -116.605838
0.50000 -6.097904 -82.942471 -37.030894
-908.551878 -44.892126 -77.437703
0.75000 -6.097904 -68.652787 -37.030894
-916.470351 -22.773949 -38.301837
1.00000 -6.097904 -60.423199 -37.030894
-924.916035 -5.701890 -7.610793

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.527557 590.009125 47.659824
971.148129 134.495807 1576.448
0.25000 7.527557 613.198311 47.659824
976.251012 101.930410 1238.008
0.50000 7.527557 638.128388 47.659824
981.685615 69.665930 866.284294
0.75000 7.527557 664.576066 47.659824
987.456653 38.711533 455.290107
1.00000 7.527557 694.167174 47.659824
993.595040 13.795031 8.022184

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.097904 -115.692022 -37.030894
-894.187914 -92.816788 -155.741381
0.25000 -6.097904 -98.745311 -37.030894
-901.127677 -67.702349 -116.605838
0.50000 -6.097904 -82.942471 -37.030894
-908.551878 -44.892126 -77.437703
0.75000 -6.097904 -68.652787 -37.030894
-916.470351 -22.773949 -38.301837
1.00000 -6.097904 -60.423199 -37.030894
-924.916035 -5.701890 -7.610793
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1409

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 111 ========== LENGTH = 2.734364

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.577945 11.354500 0.775494
36.327643 1.416829 0.317617
0.25000 0.577945 11.361459 0.775494
36.347082 2.593143 22.067548
0.50000 0.577945 11.368290 0.775494
36.365749 3.933588 43.803258
0.75000 0.577945 11.374920 0.775494
36.383341 5.290897 65.525313
1.00000 0.577945 11.381286 0.775494
36.399821 6.651892 87.235092

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.333692 -31.828822 -1.999697
-251.912702 -0.817792 -0.044765
0.25000 -0.333692 -31.817736 -1.999697
-251.888898 -1.145776 -7.782549
0.50000 -0.333692 -31.807083 -1.999697
-251.866119 -1.498644 -15.544382
0.75000 -0.333692 -31.796872 -1.999697
-251.845383 -1.908148 -23.306215
1.00000 -0.333692 -31.787276 -1.999697
-251.830711 -2.375087 -31.068048

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.073961 21.934209 6.050514
55.910070 2.627474 0.553705
0.25000 1.073961 21.941164 6.050514
55.929479 3.934774 55.696334
0.50000 1.073961 21.947990 6.050514
55.948116 5.648706 110.827402
0.75000 1.073961 21.954616 6.050514
55.965679 7.402869 165.944817
1.00000 1.073961 21.960977 6.050514
55.982130 9.173467 221.049960

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.537281 -80.681652 -2.619976
-442.243107 -1.318357 -0.074816
0.25000 -0.537281 -80.670569 -2.619976
-442.219336 -3.990821 -15.015026
0.50000 -0.537281 -80.659919 -2.619976
-442.196589 -7.387999 -30.009053
0.75000 -0.537281 -80.649710 -2.619976
-442.176066 -10.935901 -45.003079
1.00000 -0.537281 -80.640117 -2.619976
-442.161418 -15.052050 -59.997106

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.482984 32.601803 6.068552
49.109204 3.628807 0.653273
0.25000 1.482984 32.607863 6.068552
49.126678 4.837232 116.896543
0.50000 1.482984 32.614007 6.068552
49.143456 6.420433 233.138431
0.75000 1.482984 32.619972 6.068552
49.159268 8.045816 349.368030
1.00000 1.482984 32.625698 6.068552
49.174080 9.696154 465.586585

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.634192 -170.075177 -2.445379
-529.786425 -1.553589 -0.074993
0.25000 -0.634192 -170.065202 -2.445379
-529.765025 -3.278330 -22.283833
0.50000 -0.634192 -170.055616 -2.445379
-529.744547 -6.640073 -44.569993
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1410

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.634192 -170.046428 -2.445379
-529.726037 -10.342261 -66.856154
1.00000 -0.634192 -170.037794 -2.445379
-529.712850 -14.471333 -89.142314

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.669729 39.127582 5.372048
169.905302 4.089471 0.704993
0.25000 1.669729 44.739124 5.372048
186.363742 6.845299 249.064352
0.50000 1.669729 51.006268 5.372048
202.138469 10.275491 483.596406
0.75000 1.669729 57.090283 5.372048
216.934736 13.767019 705.125846
1.00000 1.669729 62.927409 5.372048
230.710433 17.297938 914.975147

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.679450 -373.971396 -5.191889
-550.123440 -1.663855 -0.305406
0.25000 -0.679450 -363.421192 -5.191889
-533.528968 -3.134895 -26.711473
0.50000 -0.679450 -353.280817 -5.191889
-519.969549 -5.958678 -53.459893
0.75000 -0.679450 -343.559314 -5.191889
-506.937119 -9.060612 -80.208313
1.00000 -0.679450 -334.425941 -5.191889
-494.574781 -12.521411 -106.956732

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.588330 13.212389 5.655932
15.065896 1.436333 0.249235
0.25000 0.588330 13.288921 5.655932
15.279597 1.444866 51.349293
0.50000 0.588330 13.364737 5.655932
15.484799 1.668699 102.294430
0.75000 0.588330 13.436954 5.655932
15.678187 1.932170 153.089366
1.00000 0.588330 13.506958 5.655932
15.859337 2.212014 203.749287

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.207432 -74.882694 -0.427339
-203.466649 -0.507956 -0.027451
0.25000 -0.207432 -74.760762 -0.427339
-203.204950 -1.219653 -8.022018
0.50000 -0.207432 -74.643593 -0.427339
-202.954521 -7.079345 -18.053887
0.75000 -0.207432 -74.531283 -0.427339
-202.727355 -10.943937 -27.085756
1.00000 -0.207432 -74.425739 -0.427339
-202.566074 -14.808537 -36.117625

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.145870 27.801701 5.343473
56.310163 2.803443 0.407220
0.25000 1.145870 27.808658 5.343473
56.873584 3.524208 149.331784
0.50000 1.145870 27.815486 5.343473
56.892233 4.775656 298.258350
0.75000 1.145870 27.822114 5.343473
56.909508 6.086162 447.171263
1.00000 1.145870 27.828477 5.343473
56.926270 7.426397 596.071903

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.361211 -217.891637 -1.987179
-333.577519 -0.884323 -0.101057
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1411

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.361211 -217.880552 -1.987179
-333.553735 -2.613768 -18.965313
0.50000 -0.361211 -217.869901 -1.987179
-333.530975 -6.153587 -37.970304
0.75000 -0.361211 -217.859692 -1.987179
-333.510366 -9.755000 -56.975295
1.00000 -0.361211 -217.850897 -1.987179
-333.495709 -13.369857 -75.980286

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.502152 34.425670 6.974824
77.924622 3.674955 0.617578
0.25000 1.502152 34.431931 6.974824
77.942101 4.974137 154.754439
0.50000 1.502152 34.438076 6.974824
77.958885 6.929094 308.893895
0.75000 1.502152 34.444041 6.974824
77.974702 8.955673 463.033062
1.00000 1.502152 34.449768 6.974824
77.989519 11.010508 617.137184

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.578199 -225.514136 -3.039537
-500.494708 -1.416092 -0.125100
0.25000 -0.578199 -225.504160 -3.039537
-500.473302 -3.483318 -23.510004
0.50000 -0.578199 -225.494574 -3.039537
-500.452818 -9.099447 -47.043080
0.75000 -0.578199 -225.485385 -3.039537
-500.434270 -12.766441 -70.576157
1.00000 -0.578199 -225.476750 -3.039537
-500.421079 -17.449534 -94.109233

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.701233 41.078136 6.205195
254.240422 4.165931 0.610833
0.25000 1.701233 44.056691 6.205195
254.240422 7.257408 321.570578
0.50000 1.701233 53.422466 6.205195
254.240422 11.014478 620.860425
0.75000 1.701233 62.515127 6.205195
267.563679 14.837189 899.712160
1.00000 1.701233 71.230641 6.205195
285.289260 18.681445 1160.221

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.682558 -486.331194 -5.663186
-475.499745 -1.670923 -0.475983
0.25000 -0.682558 -469.758697 -5.663186
-457.202374 -5.342659 -28.027166
0.50000 -0.682558 -453.825324 -5.663186
-439.371691 -7.150571 -56.104635
0.75000 -0.682558 -438.546579 -5.663186
-428.131697 -11.006733 -84.186692
1.00000 -0.682558 -424.197307 -5.663186
-428.131697 -14.917495 -112.268749

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.702433	19.174218	0.740702	
395.045553	1.723753	0.069882		
0.25000	0.702433	19.161156	0.740702	
395.045553	4.865341	306.749035		
0.50000	0.702433	20.020492	0.740702	
395.045553	8.236954	584.700693		
0.75000	0.702433	31.025996	0.740702	
395.045553	11.609470	835.293720		
1.00000	0.702433	41.553351	0.740702	
395.045553	14.982653	1061.398		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1412

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.355366	-471.461796	-4.950625	
-30.342791	-0.868925	-0.729023		
0.25000	-0.355366	-449.305043	-4.950625	
-30.342791	-0.843444	-13.047055		
0.50000	-0.355366	-427.990722	-4.950625	
-30.342791	-0.820253	-26.159120		
0.75000	-0.355366	-407.543336	-4.950625	
-30.342791	-0.797922	-39.277037		
1.00000	-0.355366	-388.368599	-4.950625	
-30.342791	-1.005723	-52.391055		

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.204094	32.706566	1.056431	
482.746198	2.954813	0.196679		
0.25000	1.204094	32.714618	1.056431	
482.746198	7.575976	429.448099		
0.50000	1.204094	38.954644	1.056431	
482.746198	13.147796	824.714648		
0.75000	1.204094	52.319608	1.056431	
482.746198	18.767071	1187.728		
1.00000	1.204094	65.111889	1.056431	
482.746198	24.410229	1521.826		

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.501205	-654.709044	-8.255608	
-127.423742	-1.225722	-0.882976		
0.25000	-0.501205	-628.578374	-8.255608	
-127.423742	-1.294557	-22.264637		
0.50000	-0.501205	-603.445760	-8.255608	
-127.423742	-1.382109	-44.628054		
0.75000	-0.501205	-579.338324	-8.255608	
-127.423742	-1.470360	-66.998312		
1.00000	-0.501205	-556.706974	-8.255608	
-127.423742	-1.768467	-89.364012		

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.592420	41.346455	3.587946	
422.917747	3.905510	0.357101		
0.25000	1.592420	41.353819	3.587946	
422.917747	7.745380	437.852031		
0.50000	1.592420	47.561167	3.587946	
422.917747	12.191019	844.209762		
0.75000	1.592420	59.839982	3.587946	
422.917747	16.690785	1221.023		
1.00000	1.592420	71.593380	3.587946	
422.917747	21.219010	1571.346		

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.613020	-664.511298	-6.641307	
-265.571871	-1.499762	-0.789373		
0.25000	-0.613020	-640.574769	-6.641307	
-265.571871	-1.965717	-28.167258		
0.50000	-0.613020	-617.552915	-6.641307	
-265.571871	-3.789483	-56.436354		
0.75000	-0.613020	-595.470413	-6.641307	
-265.571871	-5.661413	-84.711711		
1.00000	-0.613020	-574.737732	-6.641307	
-265.571871	-7.737571	-112.982897		

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.731273	42.733296	6.657875	
371.509940	4.239668	0.504627		
0.25000	1.731273	42.739435	6.657875	
371.509940	7.742780	385.799248		
0.50000	1.731273	47.930863	6.657875	
371.509940	11.930693	745.135476		
0.75000	1.731273	58.168917	6.657875	
371.509940	16.179100	1079.841		
1.00000	1.731273	67.968904	6.657875	
371.509940	20.459193	1392.461		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1413

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.705847	-584.073398	-6.285604	
-387.233081	-1.727429	-0.683877		
0.25000	-0.705847	-564.117505	-6.285604	
-387.233081	-3.846875	-29.137606		
0.50000	-0.705847	-544.924190	-6.285604	
-387.233081	-7.872196	-58.353896		
0.75000	-0.705847	-526.514023	-6.285604	
-387.233081	-11.943434	-87.575406		
1.00000	-0.705847	-509.229124	-6.285604	
-387.233081	-16.180937	-116.793439		

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.122254	16.001869	1.517842	
48.778650	2.752394	0.405340		
0.25000	1.122254	16.006053	1.517842	
48.790132	4.338621	27.179106		
0.50000	1.122254	16.010370	1.517842	
48.801861	6.012721	54.033007		
0.75000	1.122254	16.014782	1.517842	
48.813730	7.766852	80.879534		
1.00000	1.122254	16.019255	1.517842	
48.825648	9.543905	107.721824		

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.639553	-42.934920	-2.624474	
-326.164672	-1.568433	-0.085171		
0.25000	-0.639553	-42.928178	-2.624474	
-326.152980	-2.345625	-10.263598		
0.50000	-0.639553	-42.921758	-2.624474	
-326.142025	-3.159466	-20.353826		
0.75000	-0.639553	-42.915620	-2.624474	
-326.131865	-4.065685	-30.842773		
1.00000	-0.639553	-42.909817	-2.624474	
-326.122572	-5.013573	-41.132520		

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.983831	30.887804	6.250326	
74.198596	4.854858	0.693000		
0.25000	1.983831	30.891984	6.250326	
74.210052	6.258533	64.391815		
0.50000	1.983831	30.896297	6.250326	
74.221754	8.386292	128.230836		
0.75000	1.983831	30.900703	6.250326	
74.233596	10.623550	192.063519		
1.00000	1.983831	30.905172	6.250326	
74.245487	12.889427	255.890803		

COMB DL-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.066535	-102.593561	-3.369874	
-567.197888	-2.614291	-0.126242		
0.25000	-1.066535	-102.586821	-3.369874	
-567.186224	-5.601074	-20.599424		
0.50000	-1.066535	-102.580403	-3.369874	
-567.175296	-9.419020	-41.267912		
0.75000	-1.066535	-102.574266	-3.369874	
-567.165161	-13.488832	-61.936340		
1.00000	-1.066535	-102.568464	-3.369874	
-567.155891	-17.721308	-82.608576		

COMB DL-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.549002	46.274523	6.332608	
70.527566	6.239497	0.765834		
0.25000	2.549002	46.394924	6.332608	
70.857515	7.466269	133.709266		
0.50000	2.549002	46.519148	6.332608	
71.194763	9.522800	266.652009		
0.75000	2.549002	46.646081	6.332608	
71.535958	11.720496	399.434234		
1.00000	2.549002	46.774798	6.332608	
71.878537	13.956703	532.059529		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1414

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.202466	-215.183177	-3.397137	
-655.998496	-2.946910	-0.126426		
0.25000	-1.202466	-214.989060	-3.397137	
-655.662430	-5.450847	-29.935830		
0.50000	-1.202466	-214.804211	-3.397137	
-655.347563	-9.253086	-59.962141		
0.75000	-1.202466	-214.627447	-3.397137	
-655.055561	-13.380591	-89.988594		
1.00000	-1.202466	-214.460350	-3.397137	
-654.788477	-17.649484	-120.017160		

COMB DL-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.810509	58.401517	5.625815	
210.038065	6.882437	0.796899		
0.25000	2.810509	64.286636	5.625815	
224.859123	9.400547	238.964609		
0.50000	2.810509	70.362714	5.625815	
239.984345	12.786912	469.035689		
0.75000	2.810509	76.576770	5.625815	
255.314223	16.337801	690.968514		
1.00000	2.810509	82.862829	5.625815	
270.688011	19.978250	904.954412		

COMB DL-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.261685	-403.820249	-5.537027	
-655.780621	-3.090419	-0.395188		
0.25000	-1.261685	-393.867174	-5.537027	
-640.809406	-5.149314	-38.728254		
0.50000	-1.261685	-384.350856	-5.537027	
-626.796601	-8.312773	-77.750687		
0.75000	-1.261685	-375.240320	-5.537027	
-613.874370	-11.790829	-116.727594		
1.00000	-1.261685	-366.617047	-5.537027	
-602.108562	-15.433191	-155.734022		

COMB DL-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.955265	18.270167	5.000996	
20.239512	2.331715	0.151210		
0.25000	0.955265	18.311966	5.000996	
20.354068	2.143394	54.766675		
0.50000	0.955265	18.355092	5.000996	
20.471089	2.511464	109.248517		
0.75000	0.955265	18.399158	5.000996	
20.589515	2.934979	163.673384		
1.00000	0.955265	18.443844	5.000996	
20.708420	3.378121	218.044235		

COMB DL-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.426456	-88.239925	-0.694876	
-248.683797	-1.044269	-0.033504		
0.25000	-0.426456	-88.172526	-0.694876	
-248.567154	-3.518449	-12.681660		
0.50000	-0.426456	-88.108345	-0.694876	
-248.457869	-6.843157	-25.413446		
0.75000	-0.426456	-88.046971	-0.694876	
-248.356521	-10.222417	-38.147215		
1.00000	-0.426456	-87.988953	-0.694876	
-248.263823	-13.618694	-50.881563		

COMB DL-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.758514	39.725249	4.897162	
64.346581	4.300962	0.422305		
0.25000	1.758514	39.729432	4.897162	
64.358058	4.763458	155.942911		
0.50000	1.758514	39.733749	4.897162	
64.369783	6.011130	311.588385		
0.75000	1.758514	39.738159	4.897162	
64.381648	7.361270	467.227925		
1.00000	1.758514	39.742631	4.897162	
64.393561	8.766094	622.865231		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1415

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.658440	-254.151823	-2.171088	
-379.297588	-1.612123	-0.130944		
0.25000	-0.658440	-254.145082	-2.171088	
-379.285900	-3.523560	-26.454263		
0.50000	-0.658440	-254.138662	-2.171088	
-379.274949	-6.637751	-52.944251		
0.75000	-0.658440	-254.132524	-2.171088	
-379.264794	-9.844852	-79.433275		
1.00000	-0.658440	-254.126721	-2.171088	
-379.255504	-13.095394	-105.923035		

COMB DL-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.474379	48.925629	6.823842	
93.788779	6.053710	0.699362		
0.25000	2.474379	48.929394	6.823842	
93.799109	7.137420	164.995396		
0.50000	2.474379	48.933279	6.823842	
93.809660	9.274979	329.471118		
0.75000	2.474379	48.937248	6.823842	
93.820339	11.543857	493.939893		
1.00000	2.474379	48.941273	6.823842	
93.831061	13.873096	658.406701		

COMB DL-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.087631	-267.790495	-3.528959	
-600.644234	-2.664616	-0.178948		
0.25000	-1.087631	-267.787028	-3.528959	
-600.633715	-5.388450	-32.122536		
0.50000	-1.087631	-267.781251	-3.528959	
-600.623860	-9.718125	-64.299014		
0.75000	-1.087631	-267.775726	-3.528959	
-600.614720	-14.196615	-96.474629		
1.00000	-1.087631	-267.770503	-3.528959	
-600.606359	-18.759979	-128.650741		

COMB DL-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.842949	58.311042	6.074814	
305.223509	6.958762	0.706349		
0.25000	2.842949	66.734521	6.074814	
308.023646	9.474632	296.965903		
0.50000	2.842949	75.464309	6.074814	
311.662872	12.902222	590.972102		
0.75000	2.842949	84.390694	6.074814	
330.347154	16.546657	852.420482		
1.00000	2.842949	93.409143	6.074814	
349.034639	20.280824	1111.847		

COMB DL-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.247290	-507.370324	-5.704110	
-569.441393	-3.053893	-0.591910		
0.25000	-1.247290	-491.971156	-5.704110	
-551.487704	-5.219588	-39.715797		
0.50000	-1.247290	-477.106128	-5.704110	
-534.763714	-8.744157	-79.586204		
0.75000	-1.247290	-462.973747	-5.704110	
-519.467533	-12.482078	-119.452609		
1.00000	-1.247290	-449.503284	-5.704110	
-514.420136	-16.362440	-159.325882		

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.258213	26.295331	0.726155	
493.953230	3.081142	0.121206		
0.25000	1.258213	26.461610	0.726155	
492.234464	5.518708	256.560747		
0.50000	1.258213	36.355821	0.726155	
489.906491	8.096955	497.383254		
0.75000	1.258213	46.499182	0.726155	
487.499375	10.864143	722.097118		
1.00000	1.258213	56.743440	0.726155	
485.092259	13.877894	931.675956		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1416

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.582291	-451.473837	-4.352562	
-45.452030	-1.422307	-0.898806		
0.25000	-0.582291	-431.024854	-4.352562	
-46.140380	-1.287083	-16.725916		
0.50000	-0.582291	-411.210724	-4.352562	
-46.219523	-1.191290	-33.469761		
0.75000	-0.582291	-392.165126	-4.352562	
-46.219523	-1.320212	-50.229827		
1.00000	-0.582291	-374.101575	-4.352562	
-46.219523	-1.586483	-66.959135		

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.008569	46.354324	1.126030	
588.046136	4.921026	0.251694		
0.25000	2.008569	49.618674	1.126030	
587.787192	8.802268	369.945287		
0.50000	2.008569	61.381218	1.126030	
587.520885	13.231800	721.605424		
0.75000	2.008569	73.427808	1.126030	
587.254579	17.887507	1054.922		
1.00000	2.008569	85.592360	1.126030	
586.988253	22.649158	1370.302		

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.820991	-643.172637	-7.294305	
-136.108440	-2.006278	-1.102761		
0.25000	-0.820991	-619.757632	-7.294305	
-136.115803	-1.923170	-38.182577		
0.50000	-0.820991	-597.137794	-7.294305	
-136.115803	-1.933054	-61.154868		
0.75000	-0.820991	-575.375009	-7.294305	
-136.115803	-2.153494	-91.727273		
1.00000	-0.820991	-554.773482	-7.294305	
-136.115803	-2.559432	-122.299551		

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.586938	58.052185	3.513608	
522.782244	6.338664	0.413140		
0.25000	2.586938	61.401922	3.513608	
522.828179	9.322688	389.310101		
0.50000	2.586938	72.218359	3.513608	
522.874547	12.997443	761.693180		
0.75000	2.586938	83.295548	3.513608	
522.920915	16.935557	1117.268		
1.00000	2.586938	94.481627	3.513608	
522.967287	20.984553	1456.409		

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.040035	-669.808606	-6.250267	
-301.586147	-2.543347	-0.978544		
0.25000	-1.040035	-648.377499	-6.250267	
-301.585714	-3.301295	-37.719777		
0.50000	-1.040035	-627.677122	-6.250267	
-301.585714	-4.919761	-75.470558		
0.75000	-1.040035	-607.855432	-6.250267	
-301.585714	-6.789937	-113.221757		
1.00000	-1.040035	-588.914460	-6.250267	
-301.585714	-8.842238	-150.972583		

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.894236	59.986389	6.318706	
461.331471	7.082209	0.603751		
0.25000	2.894236	62.790768	6.318706	
461.379228	9.811385	348.801264		
0.50000	2.894236	71.808965	6.318706	
461.427540	13.496131	683.284096		
0.75000	2.894236	81.044549	6.318706	
461.475853	17.435471	1003.755		
1.00000	2.894236	90.370934	6.318706	
461.524169	21.479450	1310.526		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1417

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.260259	-596.982413	-6.204354	
-464.632892	-3.083897	-0.857592		
0.25000	-1.260259	-579.117407	-6.204354	
-464.632337	-5.436563	-39.116756		
0.50000	-1.260259	-561.861798	-6.204354	
-464.632337	-9.053932	-78.284091		
0.75000	-1.260259	-545.338744	-6.204354	
-464.632337	-12.910807	-117.451787		
1.00000	-1.260259	-529.549889	-6.204354	
-464.632337	-16.927942	-156.617495		

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.731273	42.733296	6.974824	
482.746198	4.239668	0.704993		
0.25000	1.731273	44.739124	6.974824	
482.746198	7.745380	437.852031		
0.50000	1.731273	53.422366	6.974824	
482.746198	13.147796	844.209762		
0.75000	1.731273	62.515127	6.974824	
482.746198	18.767071	1221.023		
1.00000	1.731273	71.593380	6.974824	
482.746198	24.410229	1571.346		

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.705847	-664.511298	-8.255608	
-550.123440	-1.727429	-0.882976		
0.25000	-0.705847	-640.574769	-8.255608	
-533.528968	-3.990821	-29.137606		
0.50000	-0.705847	-617.552915	-8.255608	
-529.744547	-8.099447	-58.353896		
0.75000	-0.705847	-595.470413	-8.255608	
-529.726037	-12.276441	-87.575406		
1.00000	-0.705847	-574.737732	-8.255608	
-529.712850	-17.449534	-116.793439		

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.894236	59.986389	6.823842	
588.046136	7.082209	0.796899		
0.25000	2.894236	66.734521	6.823842	
587.787192	9.811385	389.310101		
0.50000	2.894236	75.464309	6.823842	
587.520885	13.496131	761.693180		
0.75000	2.894236	84.390694	6.823842	
587.254579	17.887507	1117.268		
1.00000	2.894236	94.481627	6.823842	
586.988253	22.649158	1456.409		

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.261685	-669.808806	-7.294305	
-655.998496	-3.090419	-1.102761		
0.25000	-1.261685	-648.377499	-7.294305	
-655.662430	-5.601074	-39.715797		
0.50000	-1.261685	-627.677122	-7.294305	
-655.347563	-9.718125	-79.586204		
0.75000	-1.261685	-607.855432	-7.294305	
-655.055561	-14.196615	-119.452609		
1.00000	-1.261685	-588.914460	-7.294305	
-654.788477	-18.759979	-159.325882		

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.894236	59.986389	6.974824	
588.046136	7.082209	0.796899		
0.25000	2.894236	66.734521	6.974824	
587.787192	9.811385	437.852031		
0.50000	2.894236	75.464309	6.974824	
587.520885	13.496131	844.209762		
0.75000	2.894236	84.390694	6.974824	
587.254579	18.767071	1221.023		
1.00000	2.894236	94.481627	6.974824	
586.988253	24.410229	1571.346		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1418

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.261685	-669.808806	-8.255608	
-655.998496	-3.090419	-1.102761		
0.25000	-1.261685	-648.377499	-8.255608	
-655.662430	-5.601074	-39.715797		
0.50000	-1.261685	-627.677122	-8.255608	
-655.347563	-9.718125	-79.586204		
0.75000	-1.261685	-607.855432	-8.255608	
-655.055561	-14.196615	-119.452609		
1.00000	-1.261685	-588.914460	-8.255608	
-654.788477	-18.759979	-159.325882		

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	2.894236	59.986389	6.974824	
588.046136	7.082209	0.796899		
0.25000	2.894236	66.734521	6.974824	
587.787192	9.811385	437.852031		
0.50000	2.894236	75.464309	6.974824	
587.520885	13.496131	844.209762		
0.75000	2.894236	84.390694	6.974824	
587.254579	18.767071	1221.023		
1.00000	2.894236	94.481627	6.974824	
586.988253	24.410229	1571.346		

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-1.261685	-669.808806	-8.255608	
-655.998496	-3.090419	-1.102761		
0.25000	-1.261685	-648.377499	-8.255608	
-655.662430	-5.601074	-39.715797		
0.50000	-1.261685	-627.677122	-8.255608	
-655.347563	-9.718125	-79.586204		
0.75000	-1.261685	-607.855432	-8.255608	
-655.055561	-14.196615	-119.452609		
1.00000	-1.261685	-588.914460	-8.255608	
-654.788477	-18.759979	-159.325882		

ELEM 112 ========== LENGTH = 4.928892

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.278419	15.478069	3.918272	
50.608235	8.056878	88.295925		
0.25000	1.278419	15.488138	3.918272	
50.640513	7.840279	157.423953		
0.50000	1.278419	15.503346	3.918272	
50.671235	7.959002	226.607213		
0.75000	1.278419	15.520727	3.918272	
50.713482	8.236713	295.834932		
1.00000	1.278419	15.538904	3.918272	
50.759637	8.599371	365.042067		

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.738762	-56.294060	-0.588077	

```
-323.222081   -3.126608  -31.193208
 0.25000   -0.738762  -56.275216   -0.588077
-323.178236   -4.407669  -50.183651
 0.50000   -0.738762  -56.258796   -0.588077
-323.144446   -3.040644  -68.226615
 0.75000   -0.738762  -56.243576   -0.588077
-323.120205   -13.763746  -88.275587
 1.00000   -0.738762  -56.229683   -0.588077
-323.097841   -18.522882  -107.321564

 COMB DB-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.375088   28.039434    8.901332
 77.253467   11.629392   222.891413
 0.25000    2.375088   28.049497    8.901332
 77.285690   11.286051   371.361784
 0.50000    2.375088   28.064703    8.901332
 77.316071   11.435455   520.629215
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1419

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000    2.375088   28.082090    8.901332
 77.358261   11.815982   670.206839
 1.00000    2.375088   28.100248    8.901332
 77.404342   12.308867   819.889127

 COMB DB-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.188865  -121.772472   -0.702533
-564.664849   -14.869877   -60.171218
 0.25000   -1.188865  -121.753636   -0.702533
-564.621074   -23.176500   -94.623147
 0.50000   -1.188865  -121.737221   -0.702533
-564.587589   -33.403351  -129.137987
 0.75000   -1.188865  -121.722005   -0.702533
-564.563389   -43.816644  -163.658714
 1.00000   -1.188865  -121.708117   -0.702533
-564.541341   -54.491448  -198.179596

 COMB DB-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.268720   38.229062    8.809329
 68.403830   13.318536   467.746304
 0.25000    3.268720   38.238119    8.809329
 68.432841   12.988770   722.250382
 0.50000    3.268720   38.251805    8.809329
 68.460245   12.925793   977.993193
 0.75000    3.268720   38.267445    8.809329
 68.498226   13.184579   1234.700
 1.00000    3.268720   38.283798    8.809329
 68.539713   13.541022   1491.966

 COMB DB-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.400846  -209.029796   -0.669132
-668.592698   -89.276000   -402.176000
 0.25000   -1.400846  -209.012842   -0.669132
-668.553288   -21.715033  -136.295135
 0.50000   -1.400846  -208.998068   -0.669132
-668.523096   -31.818476  -183.371025
 0.75000   -1.400846  -208.984373   -0.669132
-668.501309   -42.161338  -230.450899
 1.00000   -1.400846  -208.971872   -0.669132
-668.481409   -52.713464  -277.530778

 COMB DB-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.663105   51.767239    7.522473
 204.967019   21.023331   916.860249
 0.25000    3.663105   61.096850    7.522473
 219.233829   24.722028   1310.316
 0.50000    3.663105   75.754869    7.522473
 244.176884   28.827221   1679.833
 0.75000    3.663105   92.280515    7.522473
 267.162994   33.171698   2024.385
 1.00000    3.663105   109.244570    7.522473
 297.368156   37.483244   2345.329

 COMB DB-G1-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.501260  -380.971817   -3.900420
-662.634351   -11.973877   -106.989976
 0.25000   -1.501260  -363.326123   -3.900420
-638.225319   -18.948133   -159.205404
 0.50000   -1.501260  -347.690260   -3.900420
-617.219472   -27.322639   -211.483577
 0.75000   -1.501260  -333.221365   -3.900420
-600.495653   -35.981468   -263.762771
 1.00000   -1.501260  -320.046238   -3.900420
-600.495653   -44.849589   -316.044896

 COMB DB-G2-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.297470   14.858456    5.012613
 20.500324    3.511994   204.567215
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1420

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000    1.297470   14.969186    5.012613
 20.855141    3.528570   313.306932
 0.50000    1.297470   15.136464    5.012613
 21.191584    3.626020   422.084971
 0.75000    1.297470   15.327640    5.012613
 21.656048    3.235084   531.101951
 1.00000    1.297470   15.527547    5.012613
 22.163426    3.247444   639.843618

 COMB DB-G2-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -0.457568   -89.775230   -0.205361
-255.674818   -14.055925   -36.148689
 0.25000   -0.457568   -89.567978   -0.205361
-255.192826   -19.489591   -54.266149
 0.50000   -0.457568   -89.387981   -0.205361
-254.822478   -25.106196   -72.443835
 0.75000   -0.457568   -89.219980   -0.205361
-254.556011   -30.793888   -90.627119
 1.00000   -0.457568   -89.067177   -0.205361
-254.311399   -36.650384   -108.812068

 COMB DB-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.514141   28.790597    4.934487
 58.744271    9.894810   597.261937
 0.25000    2.514141   28.800662    4.934487
 58.776516   11.217967   843.191380
 0.50000    2.514141   28.815869    4.934487
 58.807034   12.678253   1102.805
 0.75000    2.514141   28.833247    4.934487
 58.849246   14.195033   1369.773
 1.00000    2.514141   28.851419    4.934487
 58.895357   15.741271   1639.740

 COMB DB-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -0.795127  -220.928498   -1.501130
-394.520312   -12.163151   -75.955669
 0.25000   -0.795127  -220.909658   -1.501130
-394.476509   -17.443821   -111.404663
 0.50000   -0.795127  -220.893241   -1.501130
-394.442902   -22.867611   -146.860342
 0.75000   -0.795127  -220.878024   -1.501130
-394.418685   -28.466672   -182.321493
 1.00000   -0.795127  -220.864134   -1.501130
-394.396511   -34.241245   -217.786656

 COMB DB-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.304946   38.304562    8.213434
 90.147199   14.314214   619.049448
 0.25000    3.304946   38.313621    8.213434
 90.176219   15.338981   900.564701
 0.50000    3.304946   38.327307    8.213434
 90.203685   16.727558   1194.520
 0.75000    3.304946   38.342948    8.213434
 90.241676   18.267320   1495.139
 1.00000    3.304946   38.359902    8.213434
 90.283176   19.911964   1798.411

 COMB DB-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.275905  -247.795812   -1.649129
-611.773767   -16.022168   -94.174723
 0.25000   -1.275905  -247.778857   -1.649129
-611.734344   -24.245393   -141.306017
 0.50000   -1.275905  -247.764081   -1.649129
-611.704098   -33.348418   -188.475101
 0.75000   -1.275905  -247.750385   -1.649129
-611.682303   -42.834262   -235.646238
 1.00000   -1.275905  -247.737884   -1.649129
-611.662347   -52.571895   -282.825000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1421

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.721993   58.484870    6.970153
 319.374639   22.478258   1161.521
 0.25000    3.721993   72.621812    6.970153
 319.374639   28.191493   1626.871
 0.50000    3.721993   96.026627    6.970153
 327.065587   34.211264   2047.324
 0.75000    3.721993   121.952766    6.970153
 355.866091   40.391239   2424.992
 1.00000    3.721993   147.913757    6.970153
 380.746709   46.682818   2764.500

 COMB DB-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.508555  -465.885646   -5.415081
-537.275172   -84.232918   -112.229204
 0.25000   -1.508555  -438.758736   -5.415081
-529.718802   -20.888336   -164.590209
 0.50000   -1.508555  -414.177744   -5.415081
-529.718802   -28.281822   -217.008191
 0.75000   -1.508555  -391.481782   -5.415081
-529.718802   -36.040714   -269.424650
 1.00000   -1.508555  -370.881105   -5.415081
-529.718802   -44.166160   -321.843487

 COMB DB-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.507361   40.764412    0.261239
 513.347601   16.586795   1060.319
 0.25000    1.507361   58.366799    0.261239
 513.347601   24.792303   1401.082
 0.50000    1.507361   90.600360    0.261239
 513.347601   33.227367   1671.004
 0.75000    1.507361   125.180916    0.261239
 513.347601   41.704231   1878.518
 1.00000    1.507361   158.191807    0.261239
 513.347601   50.181138   2034.019

 COMB DB-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -0.787816  -384.357564   -6.906809
-42.163817   -1.782280   -52.237796
 0.25000   -0.787816  -349.550007   -6.906809
-42.163817   -1.492538   -72.235120
 0.50000   -0.787816  -316.639269   -6.906809
-42.163817   -1.203119   -92.232443
 0.75000   -0.787816  -286.374772   -6.906809
-42.163817   -1.111025  -112.308545
 1.00000   -0.787816  -259.083356   -6.906809
-42.163817   -1.282136  -132.339948

 COMB DB-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.598873   56.598789    0.548608
 602.615048   26.485229   1520.855
 0.25000    2.598873   77.804910    0.548608
 602.615048   38.310856   2014.629
 0.50000    2.598873   115.503269    0.548608
 602.615048   50.350702   2439.833
 0.75000    2.598873   156.314034    0.548608
 602.615048   62.484006   2799.094
 1.00000    2.598873   195.809871    0.548608
 602.615048   74.617807   3099.513

 COMB DB-G3-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.108845  -548.686747   -9.884083
-138.158583   -2.957353   -89.143496
 0.25000   -1.108845  -507.153349   -9.884083
-138.158583   -2.779369   -124.560616
 0.50000   -1.108845  -468.353596   -9.884083
-138.158583   -2.605341   -160.021037
 0.75000   -1.108845  -432.635038   -9.884083
-138.158583   -2.441299   -195.490734
 1.00000   -1.108845  -400.350969   -9.884083
-138.158583   -2.620077   -230.955157
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1422

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.457791   64.032149    2.991127
 534.044239   24.766375   1571.094
 0.25000    3.457791   83.499430    2.991127
 534.044239   34.191520   2122.903
 0.50000    3.457791   118.002701    2.991127
 534.044239   43.857690   2603.473
 0.75000    3.457791   155.389309    2.991127
 534.044239   53.676894   3034.299
 1.00000    3.457791   191.621564    2.991127
 534.044239   63.505810   3404.910

 COMB DB-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.354312  -579.458246   -8.181127
-316.240157   -7.611543  -112.789302
 0.25000   -1.354312  -541.367133   -8.181127
-316.240157   -10.177560  -160.374530
 0.50000   -1.354312  -505.826599   -8.181127
-316.240157   -12.872274  -207.999538
 0.75000   -1.354312  -473.104826   -8.181127
-316.240157   -15.691285  -255.632906
 1.00000   -1.354312  -443.522434   -8.181127
-316.240157   -18.855432  -303.260333

 COMB DB-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.776400   63.796136    6.368340
 471.837857   24.301368   1392.944
 0.25000    3.776400   80.027408    6.368340
 471.837857   32.009966   1909.792
 0.50000    3.776400   108.791812    6.368340
 471.837857   40.108142   2372.178
 0.75000    3.776400   139.961130    6.368340
 471.837857   48.377257   2783.260
 1.00000    3.776400   170.169733    6.368340
 471.837857   56.700448   3149.115

 COMB DB-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.560264  -529.231330   -7.025107
-475.813210   -15.721694   -116.691966
 0.25000   -1.560264  -497.473249   -7.025107
-475.813210   -19.560264   -169.172223
 0.50000   -1.560264   -467.843134   -7.025107
-475.813210   -28.062396   -221.701837
 0.75000   -1.560264   -440.562899   -7.025107
-475.813210   -34.831499   -274.241359
 1.00000   -1.560264   -415.899742   -7.025107
-475.813210   -42.046669   -326.775906

 COMB DL-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.482241   21.976735    3.917783
 67.181965   12.425626   108.047298
 0.25000    2.482241   21.983353    3.917783
 67.199711   11.626559   194.649223
 0.50000    2.482241   21.990451    3.917783
 67.218780   11.599436   280.413935
 0.75000    2.482241   21.997873    3.917783
 67.238823   12.162409   366.172296
 1.00000    2.482241   22.005467    3.917783
 67.259377   12.982822   451.948578

 COMB DL-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.413851   -76.072477   -0.838772
-421.310299   -6.551520   -41.234457
 0.25000   -1.413851   -76.062118   -0.838772
-421.291417   -9.064002   -66.586834
 0.50000   -1.413851   -76.052357   -0.838772
-421.273876   -13.231645   -91.968573
 0.75000   -1.413851   -76.043335   -0.838772
-421.258061   -17.709618   -117.334422
 1.00000   -1.413851   -76.035154   -0.838772
-421.244286   -22.302109   -142.717103
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1423

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.390260   39.643039    8.842022
 101.747584   17.393220   257.952850
 0.25000    4.390260   39.649654    8.842022
 101.765295   16.572287   437.188146
 0.50000    4.390260   39.656748    8.842022
 101.784324   16.631117   617.023951
 0.75000    4.390260   39.664166    8.842022
 101.804333   17.056362   797.037322
 1.00000    4.390260   39.671755    8.842022
 101.824836   17.673392   977.131182

 COMB DL-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.356951  -160.118048   -0.851470
-732.554136   -19.103640   -82.690451
 0.25000   -2.356951  -160.107693   -0.851470
-732.535307   -27.414175   -127.041844
 0.50000   -2.356951  -160.097936   -0.851470
-732.517817   -37.126781   -171.664974
 0.75000   -2.356951  -160.088917   -0.851470
-732.502050   -47.404056   -216.611870
 1.00000   -2.356951  -160.080739   -0.851470
-732.488321   -57.896482   -262.206974

 COMB DL-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.625433   54.658726    8.621467
 95.113145   19.843286   534.375127
 0.25000    5.625433   54.849311    8.621467
 95.623399   19.068681   832.550136
 0.50000    5.625433   55.053637    8.621467
 96.171635   19.152665   1131.101
 0.75000    5.625433   55.267288    8.621467
 96.748076   19.662363   1429.278
 1.00000    5.625433   55.485884    8.621467
 97.338783   20.244935   1727.085

 COMB DL-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.654430  -268.201536   -1.002388
-838.961567   -18.757725   -120.082255
 0.25000   -2.654430  -267.903279   -1.002388
-838.419038   -26.906521   -182.057954
 0.50000   -2.654430  -267.622259   -1.002388
-837.915072   -36.301134   -244.217711
 0.75000   -2.654430  -267.362512   -1.002388
-837.460749   -46.246058   -306.549321
 1.00000   -2.654430  -267.126966   -1.002388
-837.065128   -56.372107   -369.388270

 COMB DL-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.177730   73.319819    7.472716
 247.984869   26.392519   906.555930
 0.25000    6.177730   82.944334    7.472716
 271.290795   29.491520   1318.257
 0.50000    6.177730   93.252566    7.472716
 296.382791   33.384116   1714.390
 0.75000    6.177730   104.014707    7.472716
 322.685569   37.654736   2090.089
 1.00000    6.177730   114.999610    7.472716
 349.406874   42.137833   2445.587

 COMB DL-G1-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.786201  -413.161548   -4.133068
-811.299527   -16.927958   -155.848024
 0.25000   -2.786201  -397.937902   -4.133068
-787.879075   -23.664254   -223.023650
 0.50000   -2.786201  -383.580477   -4.133068
-766.252014   -31.512212   -290.304502
 0.75000   -2.786201  -370.298672   -4.133068
-746.954369   -39.896153   -357.720688
 1.00000   -2.786201  -358.248741   -4.133068
-740.870246   -48.511038   -425.528153
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1424

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.111305   20.573937    4.848249
 27.532991    5.283607   218.921016
 0.25000    2.111305   20.640086    4.848249
 27.710103    5.110997   341.289828
 0.50000    2.111305   20.711025    4.848249
 27.900398    5.144938   463.847867
 0.75000    2.111305   20.785203    4.848249
 28.100483    5.281240   586.326828
 1.00000    2.111305   20.861096    4.848249
 28.305516    5.465659   708.871870

 COMB DL-G2-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -0.940967   -110.089122   -0.322624
-318.883419   -13.707704   -50.839105
 0.25000   -0.940967   -109.985567   -0.322624
-318.695130   -18.693076   -73.166798
 0.50000   -0.940967   -109.887996   -0.322624
-318.520226   -24.084468   -95.684007
 0.75000   -0.940967   -109.797811   -0.322624
-318.362555   -29.809964   -118.419379
 1.00000   -0.940967   -109.716029   -0.322624
-318.225262   -35.615168   -141.618043

 COMB DL-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.867486   42.341945    4.724423
 68.234451   12.476824   623.953479
 0.25000    3.867486   42.348563    4.724423
 68.252191   13.752141   894.211099
 0.50000    3.867486   42.356660    4.724423
 68.271253   15.283659   1175.706
 0.75000    3.867486   42.363081    4.724423
 68.291289   16.959758   1460.293
 1.00000    3.867486   42.370675    4.724423
 68.311836   18.709845   1746.374

 COMB DL-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.451643   -259.325219   -1.656057
-460.709177   -13.333418   -105.921852
 0.25000   -1.451643   -259.314860   -1.656057
-460.690304   -18.029635   -151.488103
 0.50000   -1.451643   -259.305100   -1.656057
-460.672771   -23.103536   -197.001748
 0.75000   -1.451643   -259.296079   -1.656057
-460.656965   -28.537273   -242.797366
 1.00000   -1.451643   -259.287899   -1.656057
-460.643197   -34.082776   -289.040691

 COMB DL-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.454866   55.656356    8.133889
 110.714638   19.239532   660.140271
 0.25000    5.454866   55.662312    8.133889
 110.790605   20.044647   978.025961
 0.50000    5.454866   55.668700    8.133889
 110.807760   21.459705   1305.900
 0.75000    5.454866   55.675379    8.133889
 110.825793   23.173715   1636.672
 1.00000    5.454866   55.682213    8.133889
 110.844285   25.031441   1968.602

 COMB DL-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.400669   -299.441626   -1.856401
-749.911844   -19.594105   -128.724376
 0.25000   -2.400669   -299.432303   -1.856401
-749.894858   -27.595957   -190.142625
 0.50000   -2.400669   -299.423519   -1.856401
-749.879079   -36.534556   -251.577027
 0.75000   -2.400669   -299.415409   -1.856401
-749.864853   -45.992011   -313.178792
 1.00000   -2.400669   -299.408038   -1.856401
-749.852462   -55.610401   -375.074785
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING              LOAD              >
                                    1425

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.233968   81.303150    7.001198
 384.199840   26.614826   1112.678
 0.25000    6.233968   95.855049    7.001198
 390.862950   31.769533   1520.220
 0.50000    6.233968   111.399358    7.001198
 407.435478   37.480828   2023.070
 0.75000    6.233968   127.589401    7.001198
 439.325194   43.530885   2431.073
 1.00000    6.233968   144.068316    7.001198
 469.410371   49.757561   2807.990

 COMB DL-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.754377   -483.035843   -5.555135
-688.044116   -17.747352   -159.364590
 0.25000   -2.754377   -459.660314   -5.555135
-661.971758   -24.170939   -226.759312
 0.50000   -2.754377   -437.591888   -5.555135
-649.798764   -31.420846   -294.207298
 0.75000   -2.754377   -417.136305   -5.555135
-649.792042   -39.141765   -361.749973
 1.00000   -2.754377   -398.568189   -5.555135
-649.793765   -47.134650   -429.555387

 COMB DL-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.716753   53.309542    0.411791
 637.433015   16.492195   929.934851
 0.25000    2.716753   71.729863    0.411791
 633.092988   23.947439   1235.556
 0.50000    2.716753   91.344957    0.411791
 628.755537   31.456249   1495.308
 0.75000    2.716753   111.681532    0.411791
 624.416532   39.049151   1719.505
 1.00000    2.716753   132.225198    0.411791
 620.077528   46.745674   1884.187

 COMB DL-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.287833   -347.154995   -6.664746
-51.419054   -2.575052   -66.845605
 0.25000   -1.287833   -316.611247   -6.664746
-51.419054   -2.213330   -92.787080
 0.50000   -1.287833   -287.730464   -6.664746
-51.419054   -2.098763   -118.803716
 0.75000   -1.287833   -260.886730   -6.664746
-51.419054   -2.025151   -144.896872
 1.00000   -1.287833   -236.461298   -6.664746
-51.419054   -2.016593   -170.927396

 COMB DL-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.354028   77.008707    0.796957
```

```
734.660011    26.889505    1368.424
 0.25000      4.354028     98.323046     0.796957
734.178649    37.817994    1820.027
 0.50000      4.354028     121.029639    0.796957
733.699996    48.857353    2273.788
 0.75000      4.354028     144.590659    0.796957
733.219959    60.048468    2600.727
 1.00000      4.354028     168.439245    0.796957
732.739921    71.369655    2921.429

 COMB DL-G3-2 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -1.815169  -510.711633   -9.671582
-149.424644   -4.139538  -122.217332
 0.25000    -1.815169  -475.636855   -9.671582
-149.424644   -3.919715  -167.772907
 0.50000    -1.815169  -442.491430   -9.671582
-149.424644   -3.800121  -213.311184
 0.75000    -1.815169  -411.698724   -9.671582
-149.424644   -3.775708  -258.894042
 1.00000    -1.815169  -383.709111   -9.671582
-149.424644   -4.042622  -304.513875
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1426

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    5.635203    87.192516    3.078548
658.067441   26.635982   1455.376
 0.25000    5.635203    106.727775   3.078548
658.149791   35.436502   1981.852
 0.50000    5.635203    127.542410   3.078548
658.234594   44.463174   2471.074
 0.75000    5.635203    149.142001   3.078548
658.318176   53.683062   2916.485
 1.00000    5.635203    171.009374   3.078548
658.401757   63.052131   3319.638

 COMB DL-G3-3 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.296524  -564.823536   -8.189741
-365.119699  -10.080637  -150.875510
 0.25000   -2.296524  -532.705161   -8.189741
-365.119699  -12.292463  -212.668998
 0.50000   -2.296524  -502.355804   -8.189741
-365.119699  -14.802649  -274.464999
 0.75000   -2.296524  -474.162516   -8.189741
-365.119699  -17.553987  -336.316003
 1.00000   -2.296524  -448.535700   -8.189741
-365.119699  -20.587167  -398.178745

 COMB DL-G3-4 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    6.331939    87.357891    6.487736
583.898286   27.741272   1310.445
 0.25000    6.331939    103.643295   6.487736
583.984346   34.881266   1818.295
 0.50000    6.331939    120.995264   6.487736
584.072449   42.452184   2295.188
 0.75000    6.331939    139.001716   6.487736
584.159536   50.294451   2735.576
 1.00000    6.331939    157.231530   6.487736
584.246623   58.320427   3140.722

 COMB DL-G3-4 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.783520  -532.170486   -7.102461
-580.626107  -18.369311  -156.562289
 0.25000   -2.783520  -505.396294   -7.102461
-580.626107  -24.041467  -224.400240
 0.50000   -2.783520  -480.096849   -7.102461
-580.626107  -30.386368  -292.476572
 0.75000   -2.783520  -456.594779   -7.102461
-580.626107  -37.263376  -360.742017
 1.00000   -2.783520  -435.232134   -7.102461
-580.626107  -44.466496  -429.277451

 COMB      DB ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    3.776400    64.032149    8.901332
602.615048   36.852229   1571.094
 0.25000    3.776400    83.499430    8.901332
602.615048   38.310856   2122.903
 0.50000    3.776400    118.002701   8.901332
602.615048   50.350702   2609.373
 0.75000    3.776400    156.314034   8.901332
602.615048   62.484006   3034.299
 1.00000    3.776400    195.809871   8.901332
602.615048   74.617807   3404.910

 COMB      DB ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.560264  -579.458246   -9.884083
-668.592698  -16.022168  -116.691966
 0.25000   -1.560264  -541.367133   -9.884083
-668.553288  -24.245393  -169.172223
 0.50000   -1.560264  -505.826599   -9.884083
-668.523096  -33.403351  -221.701837
 0.75000   -1.560264  -473.104826   -9.884083
-668.501309  -43.816644  -274.241359
 1.00000   -1.560264  -443.522434   -9.884083
-668.481409  -54.491448  -326.775906
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1427

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB      DL ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    6.331939    87.357891    8.842022
734.660011   27.741272   1455.376
 0.25000    6.331939    106.727775   8.842022
734.178649   37.817994   1981.852
 0.50000    6.331939    127.542410   8.842022
733.699996   48.857353   2471.074
 0.75000    6.331939    149.142001   8.842022
733.219959   60.048468   2916.485
 1.00000    6.331939    171.009374   8.842022
732.739921   71.369655   3319.638

 COMB      DL ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.786201  -564.823536   -9.671582
-838.961567  -19.594105  -159.364590
 0.25000   -2.786201  -532.705161   -9.671582
-838.419038  -27.595957  -226.759312
 0.50000   -2.786201  -502.355804   -9.671582
-837.915072  -37.126781  -294.207298
 0.75000   -2.786201  -474.162516   -9.671582
-837.460749  -47.404056  -361.749973
 1.00000   -2.786201  -448.535700   -9.671582
-837.065128  -57.896482  -429.555387

 COMB      CAR ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    6.331939    87.357891    8.901332
734.660011   27.741272   1571.094
 0.25000    6.331939    106.727775   8.901332
734.178649   38.310856   2122.903
 0.50000    6.331939    127.542410   8.901332
733.699996   50.350702   2609.373
 0.75000    6.331939    149.142001   8.901332
733.219959   62.484006   3034.299
 1.00000    6.331939    171.009374   8.901332
732.739921   74.617807   3404.910

 COMB      CAR ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.786201  -564.823536   -9.884083
-838.961567  -19.594105  -159.364590
 0.25000   -2.786201  -532.705161   -9.884083
-838.419038  -27.595957  -226.759312
 0.50000   -2.786201  -502.355804   -9.884083
-837.915072  -37.126781  -294.207298
 0.75000   -2.786201  -474.162516   -9.884083
-837.460749  -47.404056  -361.749973
 1.00000   -2.786201  -448.535700   -9.884083
-837.065128  -57.896482  -429.555387

 COMB      DESIGN ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    6.331939    87.357891    8.901332
734.660011   27.741272   1571.094
 0.25000    6.331939    106.727775   8.901332
734.178649   38.310856   2122.903
 0.50000    6.331939    127.542410   8.901332
733.699996   50.350702   2609.373
 0.75000    6.331939    156.314034   8.901332
733.219959   62.484006   3034.299
 1.00000    6.331939    195.809871   8.901332
732.739921   74.617807   3404.910

 COMB      DESIGN ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.786201  -579.458246   -9.884083
-838.961567  -19.594105  -159.364590
 0.25000   -2.786201  -541.367133   -9.884083
-838.419038  -27.595957  -226.759312
 0.50000   -2.786201  -505.826599   -9.884083
-837.915072  -37.126781  -294.207298
 0.75000   -2.786201  -474.162516   -9.884083
-837.460749  -47.404056  -361.749973
 1.00000   -2.786201  -448.535700   -9.884083
-837.065128  -57.896482  -429.555387
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1428

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

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 COMB DB-G1-1 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    1.852380    16.235427    5.572132
52.536350    9.555183   366.475740
 0.25000    1.852380    16.249076    5.572132
52.573254    7.144064   426.687028
 0.50000    1.852380    16.264068    5.572132
52.607546    5.254789   487.160467
 0.75000    1.852380    16.279353    5.572132
52.642840    4.488727   547.737057
 1.00000    1.852380    16.296167    5.572132
52.684062    4.299470   608.520941

 COMB DB-G1-1 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.093508   -49.925872   -0.307346
-281.138621  -17.485015  -107.534305
 0.25000   -1.093508   -49.909265   -0.307346
-281.099263  -22.916264  -127.470281
 0.50000   -1.093508   -49.894621   -0.307346
-281.065640  -28.651359  -147.410766
 0.75000   -1.093508   -49.880838   -0.307346
-281.043419  -34.680479  -167.351253
 1.00000   -1.093508   -49.868090   -0.307346
-281.022713  -40.857689  -187.291739

 COMB DB-G1-2 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    3.417006    29.480893    8.506070
81.312764   13.949987   822.538222
 0.25000    3.417006    29.494536    8.506070
81.312594   10.908177   942.028739
 0.50000    3.417006    29.509524    8.506070
81.346827    8.570145   1064.332
 0.75000    3.417006    29.524804    8.506070
81.382063    6.752038   1188.261
 1.00000    3.417006    29.541609    8.506070
81.423210    5.695675   1313.242

 COMB DB-G1-2 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.757790  -104.321974   -1.062920
-488.336236  -52.919916  -198.484387
 0.25000   -1.757790  -104.305378   -1.062920
-488.296951  -58.315359  -234.314933
 0.50000   -1.757790  -104.290740   -1.062920
-488.263384  -64.497532  -270.151721
 0.75000   -1.757790  -104.276962   -1.062920
-488.241439  -71.660045  -305.988510
 1.00000   -1.757790  -104.264220   -1.062920
-488.220835  -79.380155  -341.825653

 COMB DB-G1-3 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    4.669239    39.238524    7.995742
81.807602   16.137758   1494.713
 0.25000    4.669239    39.250804    7.995742
81.840763   13.274060   1679.829
 0.50000    4.669239    39.264294    7.995742
81.871583   11.067877   1872.992
 0.75000    4.669239    39.278047    7.995742
81.903306    9.362315   2071.844
 1.00000    4.669239    39.293173    7.995742
81.940351    8.277020   2274.437

 COMB DB-G1-3 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.057890  -172.785264   -1.366079
-578.930748  -50.585068  -277.784999
 0.25000   -2.057890  -172.770325   -1.366079
-578.895378  -55.220294  -326.062515
 0.50000   -2.057890  -172.757150   -1.366079
-578.865158  -60.550723  -374.345806
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1429

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P           V2          V3
      T           M2          M3
 0.75000   -2.057890  -172.744749   -1.366079
-578.845357  -66.640717  -422.629098
 1.00000   -2.057890  -172.733280   -1.366079
-578.826760  -73.531110  -470.912391

 COMB DB-G1-4 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    5.201569    83.369289    6.848785
221.210490   40.027931   2347.419
 0.25000    5.201569    96.238101    6.848785
245.036572   38.824803   2600.280
 0.50000    5.201569    110.502556   6.848785
267.080960   38.461614   2845.293
 0.75000    5.201569    124.967108   6.848785
293.640641   38.785225   3082.599
 1.00000    5.201569    140.542787   6.848785
327.556539   39.899106   3308.827

 COMB DB-G1-4 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.205997  -319.689658   -3.380369
-581.127251  -43.305795  -316.152086
 0.25000   -2.205997  -304.358782   -3.380369
-557.605474  -47.198244  -369.133054
 0.50000   -2.205997  -290.579165   -3.380369
-539.055486  -51.716993  -422.128345
 0.75000   -2.205997  -277.617238   -3.380369
-524.664052  -56.889986  -475.123636
 1.00000   -2.205997  -265.648418   -3.380369
-524.664052  -62.723278  -528.118926

 COMB DB-G2-1 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    1.841714    15.398429    2.547981
21.449784    4.164809   640.867462
 0.25000    1.841714    15.548540    2.547981
21.855404    3.587952   718.079655
 0.50000    1.841714    15.713438    2.547981
22.232355    3.371451   797.093900
 0.75000    1.841714    15.881549    2.547981
22.620333    3.118529   879.008297
 1.00000    1.841714    16.066465    2.547981
23.073440    2.906919   963.154683

 COMB DB-G2-1 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.669095   -73.234016   -1.043172
-220.408559  -16.028184  -108.947453
 0.25000   -0.669095   -73.051386   -1.043172
-219.975944  -35.221328  -127.386289
 0.50000   -0.669095   -72.890336   -1.043172
-219.606337  -34.892513  -145.897927
 0.75000   -0.669095   -72.738744   -1.043172
-219.363118  -35.178922  -164.409577
 1.00000   -0.669095   -72.598542   -1.043172
-219.135518  -35.971926  -182.921226

 COMB DB-G2-2 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    3.550865    38.092968    2.537099
96.788884   17.477002   1641.090
 0.25000    3.550865    38.106614    2.537099
96.825743   16.899963   1791.756
 0.50000    3.550865    38.121604    2.537099
96.860000   16.643741   1965.928
 0.75000    3.550865    38.138886    2.537099
96.895259   16.728617   2156.792
 1.00000    3.550865    38.153694    2.537099
96.936435   17.037818   2359.900

 COMB DB-G2-2 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.154600  -178.569884   -1.858931
-342.937415  -33.211643  -217.784067
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1430

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P           V2          V3
      T           M2          M3
 0.25000   -1.154600  -178.553284   -1.858931
-342.898101  -32.299413  -253.440589
 0.50000   -1.154600  -178.538644   -1.858931
-342.864511  -31.832068  -289.097124
 0.75000   -1.154600  -178.524864   -1.858931
-342.842456  -31.922364  -324.753659
 1.00000   -1.154600  -178.512119   -1.858931
-342.821773  -32.574666  -360.410194

 COMB DB-G2-3 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    4.699060    47.234378    6.265267
124.849456   22.184465   1800.756
 0.25000    4.699060    47.246659    6.265267
124.882630   20.196686   1987.558
 0.50000    4.699060    47.260150    6.265267
124.913461   18.827474   2195.594
 0.75000    4.699060    47.273903    6.265267
124.945194   18.011853   2419.453
 1.00000    4.699060    47.289031    6.265267
124.982253   17.614798   2654.119

 COMB DB-G2-3 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.868253  -203.198867   -1.846687
-530.147408  -50.900094  -282.974670
 0.25000   -1.868253  -203.183926   -1.846687
-530.112025  -53.159423  -330.968994
 0.50000   -1.868253  -203.170751   -1.846687
-530.081794  -56.285428  -378.969038
 0.75000   -1.868253  -203.158349   -1.846687
-530.061944  -60.213277  -426.969082
 1.00000   -1.868253  -203.146879   -1.846687
-530.043330  -64.865985  -474.969127

 COMB DB-G2-4 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    5.257912   106.752363    5.361548
312.893315   49.291335   2765.741
 0.25000    5.257912   126.908943    5.361548
312.893315   50.026958   3052.312
 0.50000    5.257912   149.120277    5.361548
335.621612   51.526893   3316.297
 0.75000    5.257912   171.673910    5.361548
360.148608   53.744754   3562.130
 1.00000    5.257912   195.265910    5.361548
381.570637   56.411266   3784.378

 COMB DB-G2-4 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.217673  -389.523654   -4.683260
-477.777097  -43.016216  -321.840484
 0.25000   -2.217673  -366.413118   -4.683260
-463.933800  -44.852171  -374.561709
 0.50000   -2.217673  -345.088066   -4.683260
-463.933800  -47.461889  -427.300775
 0.75000   -2.217673  -325.045877   -4.683260
-463.933800  -50.732702  -480.039842
 1.00000   -2.217673  -306.579442   -4.683260
-463.933800  -54.620509  -532.778909

 COMB DB-G3-1 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    2.079261   107.977702    0.284885
460.283351   51.244577   2032.247
 0.25000    2.079261   134.769745    0.284885
460.283351   55.269403   2212.455
 0.50000    2.079261   163.979435    0.284885
460.283351   59.850619   2345.907
 0.75000    2.079261   193.714650    0.284885
460.283351   65.027727   2446.732
 1.00000    2.079261   223.090232    0.284885
460.283351   70.549718   2505.837

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1431

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.167078  -320.173535   -5.615579
-44.189268   -1.534506  -132.130673
 0.25000   -1.167078  -291.679834   -5.615579
-44.189268   -1.228622  -151.537421
 0.50000   -1.167078  -263.965482   -5.615579
-44.189268   -1.182822  -170.957047
 0.75000   -1.167078  -237.960126   -5.615579
-44.189268   -1.138638  -190.376673
 1.00000   -1.167078  -214.113953   -5.615579
-44.189268   -1.095215  -209.796299

 COMB DB-G3-2 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    3.609462   143.261638    0.547547
588.797247   75.916629   3097.723
 0.25000    3.609462   174.324289    0.547547
588.797247   80.261219   3355.855
 0.50000    3.609462   209.535073    0.547547
588.797247   85.426390   3578.099
 0.75000    3.609462   244.745654    0.547547
588.797247   91.521415   3776.289
 1.00000    3.609462   280.112179    0.547547
588.797247   98.161162   3936.520

 COMB DB-G3-2 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.632709  -456.486853   -7.204819
-130.628098  -3.550324  -230.656691
 0.25000   -1.632709  -422.082415   -7.204819
-130.628098  -3.156224  -265.274605
 0.50000   -1.632709  -389.128647   -7.204819
-130.628098  -3.154455  -299.907254
 0.75000   -1.632709  -358.194694   -7.204819
-130.628098  -3.349205  -334.539904
 1.00000   -1.632709  -329.777179   -7.204819
-130.628098  -3.571909  -369.172554

 COMB DB-G3-3 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    4.830782   140.681626    1.627838
509.417288   65.972945   3404.050
 0.25000    4.830782   169.691741    1.627838
509.417288   69.724515   3712.979
 0.50000    4.830782   201.411504    1.627838
509.417288   74.221323   3988.662
 0.75000    4.830782   233.678813    1.627838
509.417288   79.537172   4241.620
 1.00000    4.830782   266.142994    1.627838
509.417288   85.324709   4458.709

 COMB DB-G3-3 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -1.985998  -479.785378   -6.983210
-283.776749  -18.670381  -303.016377
 0.25000   -1.985998  -448.194928   -6.983210
-283.776749  -17.752491  -350.050321
 0.50000   -1.985998  -417.983077   -6.983210
-283.776749  -17.331426  -397.099740
 0.75000   -1.985998  -389.621844   -6.983210
-283.776749  -17.264214  -444.149158
 1.00000   -1.985998  -363.562940   -6.983210
-283.776749  -17.461839  -491.198577

 COMB DB-G3-4 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    5.309614   128.014452    4.285997
453.606760   59.346714   3149.317
 0.25000    5.309614   152.200400    4.285997
453.606760   61.607315   3452.942
 0.50000    5.309614   178.645683    4.285997
453.606760   64.714222   3729.401
 0.75000    5.309614   205.547410    4.285997
453.606760   68.650545   3987.280
 1.00000    5.309614   232.615036    4.285997
453.606760   73.103609   4215.670
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1432

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.294062  -439.132262   -6.219319
-418.521559  -41.422724  -326.679140
 0.25000   -2.294062  -412.792798   -6.219319
-418.521559  -41.623709  -379.180578
 0.50000   -2.294062  -387.604329   -6.219319
-418.521559  -42.736037  -431.698557
 0.75000   -2.294062  -363.958734   -6.219319
-418.521559  -44.636967  -484.216535
 1.00000   -2.294062  -342.232498   -6.219319
-418.521559  -47.118057  -536.734514

 COMB DL-G1-1 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    3.622611    22.938981    6.608214
68.634239   14.560295   453.622331
 0.25000    3.622611    22.945469    6.608214
68.650856   12.286830   532.480367
 0.50000    3.622611    22.952462    6.608214
68.668633   10.523238   611.725411
 0.75000    3.622611    22.959817    6.608214
68.687707    9.127121   690.234568
 1.00000    3.622611    22.967391    6.608214
68.707058    7.991941   769.096633

 COMB DL-G1-1 ---------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -2.083188   -69.917639   -0.600405
-370.458012  -22.589317  -142.930660
 0.25000   -2.083188   -69.908690   -0.600405
-370.440899  -27.425681  -169.357935
 0.50000   -2.083188   -69.900185   -0.600405
-370.424882  -32.898236  -195.800457
 0.75000   -2.083188   -69.892257   -0.600405
-370.410376  -38.825752  -222.231458
 1.00000   -2.083188   -69.885004   -0.600405
-370.397699   -45.115674  -248.685722

 COMB DL-G1-2 ---------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    6.366212    41.298669    9.537520
104.339644   20.775841   979.991903
 0.25000    6.366212    41.305153    9.537520
104.356222   17.028800   1136.429
 0.50000    6.366212    41.312143    9.537520
104.374159   14.142826   1293.845
 0.75000    6.366212    41.319493    9.537520
104.392990   11.892467   1451.692
 1.00000    6.366212    41.327062    9.537520
104.412297   10.144395   1609.927

 COMB DL-G1-2 ---------- MIN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.469003 -141.085953    -1.434778
-634.322753  -58.132712 -262.491049
 0.25000   -3.469003 -141.077010    -1.434778
-634.305694  -64.047258 -309.611920
 0.50000   -3.469003 -141.068509    -1.434778
-634.289728  -70.737422 -356.734777
 0.75000   -3.469003 -141.060586    -1.434778
-634.275268  -78.212629 -403.933894
 1.00000   -3.469003 -141.053336    -1.434778
-634.262635  -86.634007 -451.236536

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.096010   56.245308    8.830312
111.080214   24.401961    1730.207
 0.25000    8.096010   56.432072    8.830312
111.557847   20.820897    1970.278
 0.50000    8.096010   56.633398    8.830312
112.074626   18.055893    2212.532
 0.75000    8.096010   56.845093    8.830312
112.617176   15.870529    2455.072
 1.00000    8.096010   57.063123    8.830312
113.173420   14.138157    2699.303
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1433

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.893789 -222.115820    -1.738436
-716.468787  -56.488988 -369.638125
 0.25000   -3.893789 -221.858216    -1.738436
-715.977253  -61.259120 -433.891658
 0.50000   -3.893789 -221.613368    -1.738436
-715.517169  -66.859975 -498.146065
 0.75000   -3.893789 -221.385160    -1.738436
-715.100503  -73.197118 -562.401693
 1.00000   -3.893789 -221.176356    -1.738436
-714.736472  -80.362794 -626.653625

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.834218   95.995929    7.681777
263.210157   46.585232    2447.594
 0.25000    8.834218   105.411941    7.681777
284.630399   45.532762    2751.759
 0.50000    8.834218   115.560411    7.681777
307.937861   45.265471    3044.405
 0.75000    8.834218   126.219028    7.681777
332.370619   45.689996    3322.826
 1.00000    8.834218   137.187871    7.681777
357.341875   46.571955    3584.143

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.085398 -340.480996    -3.745006
-703.424577  -48.864740  -425.711115
 0.25000   -4.085398 -327.495281    -3.745006
-682.752521  -52.861187 -493.851363
 0.50000   -4.085398 -315.124226    -3.745006
-663.377255  -57.587116 -561.744248
 0.75000   -4.085398 -303.572760    -3.745006
-645.945324  -62.961617 -629.597999
 1.00000   -4.085398 -292.985042    -3.745006
-639.386056  -69.070207 -697.472397

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.019546   21.055597    2.419847
27.880273    6.773847   710.057295
 0.25000    3.019546   21.120439    2.419847
28.046054    6.153807   806.746167
 0.50000    3.019546   21.190338    2.419847
28.225424    5.629928   904.815176
 0.75000    3.019546   21.263835    2.419847
28.413739    5.194461   1002.855
 1.00000    3.019546   21.339533    2.419847
28.606806    4.839815   1101.863

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.377631  -89.874836    -1.044974
-265.455409  -35.490540 -141.647336
 0.25000   -1.377631  -89.785399    -1.044974
-265.284828  -35.652996 -165.214708
 0.50000   -1.377631  -89.700390    -1.044974
-265.125160  -35.908388 -188.175156
 0.75000   -1.377631  -89.621158    -1.044974
-264.980563  -36.570181 -213.235239
 1.00000   -1.377631  -89.548662    -1.044974
-264.854236  -37.917404 -237.295640

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.488793   51.170238    2.411788
93.997506   21.313556    1747.796
 0.25000    5.488793   51.176725    2.411788
94.014116   20.972913    1942.177
 0.50000    5.488793   51.183719    2.411788
94.032087   20.860155    2148.926
 0.75000    5.488793   51.191072    2.411788
94.050953   21.054154    2363.723
 1.00000    5.488793   51.198645    2.411788
94.070297   21.335565    2581.076
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1434

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.115778 -204.707482    -1.902948
-384.714994  -33.929924 -289.070367
 0.25000   -2.115778 -204.698534    -1.902948
-384.697891  -33.720430 -335.128839
 0.50000   -2.115778 -204.690029    -1.902948
-384.681882  -33.738932 -381.213141
 0.75000   -2.115778 -204.682102    -1.902948
-384.667383  -34.130491 -427.292550
 1.00000   -2.115778 -204.674850    -1.902948
-384.654714  -35.004298 -473.381649

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.809285   64.339839    6.710178
134.331776   28.791368    1971.201
 0.25000    7.809285   64.345677    6.710178
134.346725   26.694892    2212.903
 0.50000    7.809285   64.351971    6.710178
134.362898   25.118827    2455.798
 0.75000    7.809285   64.358569    6.710178
134.379878   24.274295    2726.269
 1.00000    7.809285   64.365405    6.710178
134.397287   23.638779    2988.882

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.515595 -243.665640    -2.244836
-637.975329  -55.642885 -375.254495
 0.25000   -3.515595 -243.657587    -2.244836
-637.959937  -58.608285 -437.749332
 0.50000   -3.515595 -243.649932    -2.244836
-637.945529  -62.217457 -500.277871
 0.75000   -3.515595 -243.642798    -2.244836
-637.932480  -66.473206 -562.794345
 1.00000   -3.515595 -243.636271    -2.244836
-637.921078  -71.438683 -625.319247

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.869317  114.217146    5.816328
358.924453   54.225444    2809.022
 0.25000    8.869317   128.406172    5.816328
366.079725   55.418818    3142.773
 0.50000    8.869317   143.694679    5.816328
393.806988   57.273153    3454.246
 0.75000    8.869317   159.730613    5.816328
422.764490   59.662926    3740.728
 1.00000    8.869317   176.197090    5.816328
450.303746   62.550234    4000.407

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.037256 -394.279583    -5.090524
-589.092060  -47.621281 -429.619962
 0.25000   -4.037256 -374.724006    -5.090524
-567.497697  -49.933600 -496.934570
 0.50000   -4.037256 -356.020074    -5.090524
-559.103073  -52.851977 -565.045473
 0.75000   -4.037256 -338.504161    -5.090524
-559.091904  -56.353174 -632.610641
 1.00000   -4.037256 -322.409757    -5.090524
-559.092486  -60.497767 -700.136457

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.794131   96.254689    0.392377
545.389344   48.872812    1881.835
 0.25000    3.794131   114.094877    0.392377
541.051261   53.984138    2070.339
 0.50000    3.794131   133.346956    0.392377
536.713177   59.550411    2221.148
 0.75000    3.794131   153.477789    0.392377
532.375093   65.506969    2334.158
 1.00000    3.794131   174.055383    0.392377
528.037009   71.593666    2410.801
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1435

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.892660 -278.703538    -5.720759
-54.323995   -2.721744 -170.743088
 0.25000   -1.892660 -254.099108    -5.720759
-54.323995   -2.413173 -195.914903
 0.50000   -1.892660 -230.388831    -5.720759
-54.323995   -2.197452 -221.132838
 0.75000   -1.892660 -208.056272    -5.720759
-54.323995   -2.027148 -247.604014
 1.00000   -1.892660 -187.447065    -5.720759
-54.323995   -1.962203 -273.006611

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.092569  136.584190    0.761220
663.910687   74.438881    2918.861
 0.25000    6.092569   157.255142    0.761220
663.430752   80.643590    3198.950
 0.50000    6.092569   179.551935    0.761220
662.950817   87.473968    3448.797
 0.75000    6.092569   202.880743    0.761220
662.470881   94.945959    3665.278
 1.00000    6.092569   226.748135    0.761220
661.990946  102.642841    3841.331

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.659231 -408.660687    -7.414741
-145.241781   -4.169891 -306.227903
 0.25000   -2.659231 -380.163992    -7.414741
-145.241781   -4.859503 -348.126176
 0.50000   -2.659231 -352.749250    -7.414741
-145.241781   -4.769438 -393.129735
 0.75000   -2.659231 -326.961796    -7.414741
-145.241781   -4.844649 -437.356207
 1.00000   -2.659231 -303.181055    -7.414741
-145.241781   -5.052857 -481.495387

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.925522  139.265523    1.699070
591.109874   67.155693    3318.182
 0.25000    7.925522   158.215460    1.699070
591.193438   72.162454    3662.377
 0.50000    7.925522   178.654819    1.699070
591.277002   77.776537    3978.164
 0.75000    7.925522   200.041921    1.699070
591.360566   83.963862    4279.279
 1.00000    7.925522   221.925634    1.699070
591.444129   90.399705    4509.761

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.358846 -450.761493    -7.161713
-314.753552  -21.356858 -397.992917
 0.25000   -3.358846 -424.638591    -7.161713
-314.753552  -20.541878 -458.543906
 0.50000   -3.358846 -399.512853    -7.161713
-314.753552  -20.025903 -520.209874
 0.75000   -3.358846 -375.882492    -7.161713
-314.753552  -19.861423 -581.142830
 1.00000   -3.358846 -354.092916    -7.161713
-314.753552  -20.106850 -642.037575

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.970717  131.226306    4.579785
529.452189   62.821306    3140.593
 0.25000    8.970717   147.023869    4.579785
529.539258   65.918970    3487.603
 0.50000    8.970717   164.062742    4.579785
529.626327   69.751383    3811.091
 0.75000    8.970717   181.892059    4.579785
529.713395   74.242585    4108.148
 1.00000    8.970717   200.135472    4.579785
529.800464   79.063326    4375.002
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1436

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.079044 -429.479521    -6.587775
-500.076780  -45.180944 -429.228178
 0.25000   -4.079044 -407.702277    -6.587775
-500.076780  -46.256031 -497.229942
 0.50000   -4.079044 -386.756493    -6.587775
-500.076780  -47.854615 -570.042658
 0.75000   -4.079044 -367.057444    -6.587775
-500.076780  -50.044477 -638.920272
 1.00000   -4.079044 -348.892998    -6.587775
-500.076780  -52.830567 -707.767842

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.309614  143.261638    8.506070
588.797247   75.916629    3404.050
 0.25000    5.309614   174.924289    8.506070
588.797247   80.261219    3712.979
 0.50000    5.309614   209.535073    8.506070
588.797247   85.426390    3988.662
 0.75000    5.309614   244.745654    8.506070
588.797247   91.945415    4262.279
 1.00000    5.309614   280.112179    8.506070
588.797247   98.161162    4458.709

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.294062  -479.785378    -7.204819
-581.127251  -52.919916 -326.679140
 0.25000   -2.294062  -448.194928    -7.204819
-578.895378  -58.315359 -379.180578
 0.50000   -2.294062  -417.983077    -7.204819
-578.865158  -64.497532 -431.698557
 0.75000   -2.294062  -389.621844    -7.204819
-578.845357  -71.560045 -484.216535
 1.00000   -2.294062  -363.562940    -7.204819
-578.826760  -79.380155 -536.734514

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.970717  139.265523    9.537520
663.910687   74.438881    3318.182
 0.25000    8.970717   158.215460    9.537520
663.430752   80.643590    3662.377
 0.50000    8.970717   179.551935    9.537520
662.950817   87.473968    3978.164
 0.75000    8.970717   202.880743    9.537520
662.470881   94.945959    4262.279
 1.00000    8.970717   226.748135    9.537520
661.990946  102.642841    4509.761

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.085398  -450.761493    -7.414741
-716.468787  -58.132712 -429.619962
 0.25000   -4.085398  -424.638591    -7.414741
-715.977253  -64.047258 -497.229942
 0.50000   -4.085398  -399.512853    -7.414741
-715.517169  -70.737422 -570.042658
 0.75000   -4.085398  -375.882492    -7.414741
-715.100503  -78.212629 -638.920272
 1.00000   -4.085398  -354.092916    -7.414741
-714.736472  -86.634007 -707.767842

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.970717  143.261638    9.537520
663.910687   74.438881    3404.050
 0.25000    8.970717   174.924289    9.537520
663.430752   80.643590    3712.979
 0.50000    8.970717   209.535073    9.537520
662.950817   87.473968    3988.662
 0.75000    8.970717   244.745654    9.537520
662.470881   94.945959    4262.279
 1.00000    8.970717   280.112179    9.537520
661.990946  102.642841    4509.761
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1437

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.085398  -479.785378    -7.414741
-716.468787  -58.132712 -429.619962
 0.25000   -4.085398  -448.194928    -7.414741
-715.977253  -64.047258 -497.229942
 0.50000   -4.085398  -417.983077    -7.414741
-715.517169  -70.737422 -570.042658
 0.75000   -4.085398  -389.621844    -7.414741
-715.100503  -78.212629 -638.920272
 1.00000   -4.085398  -363.562940    -7.414741
-714.736472  -86.634007 -707.767842

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.970717  143.261638    9.537520
663.910687   75.916629    3404.050
 0.25000    8.970717   174.924289    9.537520
663.430752   80.643590    3712.979
 0.50000    8.970717   209.535073    9.537520
662.950817   87.473968    3988.662
 0.75000    8.970717   244.745654    9.537520
662.470881   94.945959    4262.279
 1.00000    8.970717   280.112179    9.537520
661.990946  102.642841    4509.761

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.085398  -479.785378    -7.414741
-716.468787  -58.132712 -429.619962
 0.25000   -4.085398  -448.194928    -7.414741
-715.977253  -64.047258 -497.229942
 0.50000   -4.085398  -417.983077    -7.414741
-715.517169  -70.737422 -570.042658
 0.75000   -4.085398  -389.621844    -7.414741
-715.100503  -78.212629 -638.920272
 1.00000   -4.085398  -363.562940    -7.414741
-714.736472  -86.634007 -707.767842

ELEM     114 ================== LENGTH
=     4.927922

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.338366   15.911093    5.379310
49.439703    4.312025  609.639734
 0.25000    2.338366   15.924241    5.379310
49.469554    3.734828  648.283015
 0.50000    2.338366   15.938075    5.379310
49.501695    3.160083  687.169856
 0.75000    2.338366   15.952397    5.379310
49.535525    2.586781  726.273011
 1.00000    2.338366   15.968362    5.379310
49.575140    2.013813  765.517584

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.457010  -34.264614    -0.619577
-196.991310  -39.928998 -187.506418
 0.25000   -1.457010  -34.247894    -0.619577
-196.953735  -43.519479 -207.012271
 0.50000   -1.457010  -34.234782    -0.619577
-196.921423  -47.528815 -226.518199
 0.75000   -1.457010  -34.221474    -0.619577
-196.890604  -51.948090 -246.024128
 1.00000   -1.457010  -34.209058    -0.619577
-196.868691  -56.842135 -265.530057

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.264924   29.427281    7.964186
77.335809    7.008694   1315.097
 0.25000    4.264924   29.440423    7.964186
77.365602    6.035700   1387.017
 0.50000    4.264924   29.454252    7.964186
77.397686    5.220625   1460.836
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1438

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    4.264924   29.468568    7.964186
77.431459    4.483689   1536.814
 1.00000    4.264924   29.484523    7.964186
77.471001    3.772539   1614.568

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.341096  -72.898397    -3.095560
-352.197556  -77.886744 -342.133283
 0.25000   -2.341096  -72.882576    -3.095560
-352.160049  -79.476763 -377.351410
 0.50000   -2.341096  -72.868582    -3.095560
-352.127791  -82.363384 -412.569536
 0.75000   -2.341096  -72.855280    -3.095560
-352.097027  -86.653163 -447.787662
 1.00000   -2.341096  -72.842869    -3.095560
-352.075351  -92.237216 -483.005788

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.779305   39.292914    7.607716
150.051431   10.404174    2276.400
 0.25000    5.779305   39.304742    7.607716
150.078254   9.119753    2373.384
 0.50000    5.779305   39.317189    7.607716
150.107140   8.026837    2480.862
 0.75000    5.779305   39.330075    7.607716
150.137546   7.049199    2597.471
 1.00000    5.779305   39.344586    7.607716
150.173147   6.158403    2723.238

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.706208  -125.481894    -3.462879
-443.863795  -71.663001 -471.167573
 0.25000   -2.706208  -125.467655    -3.462879
-443.830027  -72.289685 -518.923788
 0.50000   -2.706208  -125.455057    -3.462879
-443.800985  -74.068311 -566.680003
 0.75000   -2.706208  -125.443908    -3.462879
-443.773287  -77.379858 -614.436218
 1.00000   -2.706208  -125.431914    -3.462879
-443.753736  -82.222610 -662.192433

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.420339  108.620159    7.876479
259.187086   42.087846    3310.221
 0.25000    6.420339   120.966679    7.876479
281.604585   40.763434    3445.399
 0.50000    6.420339   133.980495    7.876479
305.120761   39.853926    3578.044
 0.75000    6.420339   147.461783    7.876479
333.608193   39.625943    3702.991
 1.00000    6.420339   162.181183    7.876479
366.287218   39.706224    3824.087

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.902196  -261.318913    -4.746419
-494.303100  -61.314807 -528.226387
 0.25000   -2.902196  -246.738480    -4.746419
-463.279227  -61.900279 -560.966096
 0.50000   -2.902196  -233.584815    -4.746419
-442.648535  -63.463531 -633.705806
 0.75000   -2.902196  -221.102575    -4.746419
-425.071573  -66.321259 -686.445516
 1.00000   -2.902196  -209.486962    -4.746419
-417.110759  -70.444412 -739.185225

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.254749   15.497862    2.234483
36.174979    3.512379   963.881214
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<                  MOVING          LOAD                >
                                    1439

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    2.254749   15.642457    2.234483
36.503076    2.952210   1004.885
 0.50000    2.254749   15.794614    2.234483
36.856378    2.544080   1049.222
 0.75000    2.254749   15.952127    2.234483
37.228260    2.283828   1096.164
 1.00000    2.254749   16.127697    2.234483
37.663703    2.098097   1145.547

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.872366  -53.589636    -3.173158
-174.355412  -35.392343 -182.983722
 0.25000   -0.872366  -53.415554    -3.173158
-173.942384  -32.486514 -201.367766
 0.50000   -0.872366  -53.261558    -3.173158
-173.587188  -30.510567 -219.751811
 0.75000   -0.872366  -53.115200    -3.173158
-173.248422  -29.693276 -238.135855
 1.00000   -0.872366  -52.978643    -3.173158
-173.008427  -29.773010 -256.519900

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.352323   49.657534    3.042505
183.626589   18.496034    2360.724
 0.25000    4.352323   49.670678    3.042505
183.656405   17.522595    2419.891
 0.50000    4.352323   49.684510    3.042505
183.688512   16.669143    2502.930
 0.75000    4.352323   49.698828    3.042505
183.722308   16.493791    2610.357
 1.00000    4.352323   49.714787    3.042505
183.761879   16.308771    2736.734

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.487781  -137.226270    -3.787701
-300.076633  -31.630753 -360.405138
 0.25000   -1.487781  -137.210446    -3.787701
-300.039098  -28.665306 -396.047756
 0.50000   -1.487781  -137.196448    -3.787701
-300.006819  -26.427884 -431.690374
 0.75000   -1.487781  -137.183144    -3.787701
-299.976033  -25.315592 -467.332992
 1.00000   -1.487781  -137.170730    -3.787701
-299.954262  -25.326004 -502.975610
```

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.799086	57.257844	6.481143
201.666875		19.520012	2655.731	
0.25000		5.799086	57.269674	6.481143
201.693709		18.246553	2740.793	
0.50000		5.799086	57.282122	6.481143
201.722605		17.246003	2847.642	
0.75000		5.799086	57.295008	6.481143
201.753021		16.490750	2976.887	
1.00000		5.799086	57.309371	6.481143
201.788635		15.895810	3123.242	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.443158	-152.501349	-4.370290
-426.093233		-63.328761	-475.118662	
0.25000		-2.443158	-152.487107	-4.370290
-426.059452		-62.116131	-522.796894	
0.50000		-2.443158	-152.474509	-4.370290
-426.030401		-61.988166	-570.475125	
0.75000		-2.443158	-152.462535	-4.370290
-426.002693		-63.424780	-618.153356	
1.00000		-2.443158	-152.451363	-4.370290
-425.983100		-66.280466	-665.831588	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1440

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.450517	141.625365	6.806782
321.637539		58.469698	3785.143	
0.25000		6.450517	160.680159	6.806782
321.637539		57.426910	3942.666	
0.50000		6.450517	180.809882	6.806782
346.946563		56.970583	4082.136	
0.75000		6.450517	201.682273	6.806782
370.601296		57.443934	4204.863	
1.00000		6.450517	223.831239	6.806782
391.636855		58.418446	4310.428	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.919225	-327.182444	-6.296991
-409.204047		-53.552482	-532.776523	
0.25000		-2.919225	-305.272893	-6.296991
-388.210237		-52.610386	-585.470340	
0.50000		-2.919225	-284.963240	-6.296991
-375.837317		-52.569846	-638.164157	
0.75000		-2.919225	-265.729795	-6.296991
-375.837317		-53.831238	-690.857975	
1.00000		-2.919225	-247.896182	-6.296991
-375.837317		-56.291174	-743.551792	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.496639	149.532613	2.250380
366.187321		71.273790	2504.562	
0.25000		2.496639	174.152990	2.250380
366.187321		71.555026	2616.316	
0.50000		2.496639	200.290413	2.250380
366.187321		72.146856	2686.030	
0.75000		2.496639	227.439199	2.250380
366.187321		74.782691	2715.069	
1.00000		2.496639	254.644541	2.250380
366.187321		77.700789	2707.989	

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.555642	-289.561486	-4.782705
-51.578827		-1.382358	-209.588591	
0.25000		-1.555642	-262.728949	-4.782705
-51.578827		-1.483286	-229.373578	
0.50000		-1.555642	-236.451780	-4.782705
-51.578827		-1.588098	-249.158566	
0.75000		-1.555642	-211.664628	-4.782705
-51.578827		-1.700621	-268.943554	
1.00000		-1.555642	-188.857019	-4.782705
-51.578827		-1.815375	-288.728541	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.380120	207.943722	3.940687
509.052177		99.270985	3935.127	
0.25000		4.380120	237.278598	3.940687
509.052177		98.774216	4073.662	
0.50000		4.380120	268.363284	3.940687
509.052177		99.388750	4180.384	
0.75000		4.380120	300.636645	3.940687
509.052177		101.231323	4258.976	
1.00000		4.380120	333.522735	3.940687
509.052177		104.491716	4308.768	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.154835	-405.217530	-6.073003
-136.980554		-3.907707	-368.875873	
0.25000		-2.154835	-372.753148	-6.073003
-136.980554		-4.038766	-404.026872	
0.50000		-2.154835	-341.467828	-6.073003
-136.980554		-4.197928	-439.177871	
0.75000		-2.154835	-311.924648	-6.073003
-136.980554		-4.368846	-474.328870	
1.00000		-2.154835	-284.668348	-6.073003
-136.980554		-4.587384	-509.479869	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1441

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.868574	193.525234	4.212366
493.924441		87.286754	4457.915	
0.25000		5.868574	220.424871	4.212366
493.924441		86.796246	4622.883	
0.50000		5.868574	248.923711	4.212366
493.924441		87.394788	4760.861	
0.75000		5.868574	278.511033	4.212366
493.924441		89.135958	4874.029	
1.00000		5.868574	308.710730	4.212366
493.924441		91.867305	4962.155	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.602392	-416.019167	-7.110719
-260.595448		-17.101187	-490.953827	
0.25000		-2.602392	-386.204088	-7.110719
-260.595448		-15.283796	-538.419672	
0.50000		-2.602392	-357.518109	-7.110719
-260.595448		-13.855958	-585.885516	
0.75000		-2.602392	-330.426571	-7.110719
-260.595448		-13.145484	-633.351360	
1.00000		-2.602392	-305.425425	-7.110719
-260.595448		-13.096522	-680.817205	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.483889	171.944180	6.157266
438.110479		75.054383	4215.709	
0.25000		6.483889	194.371349	6.157266
438.110479		74.293512	4380.483	
0.50000		6.483889	218.131651	6.157266
438.110479		74.494913	4523.141	
0.75000		6.483889	242.799409	6.157266
438.110479		75.669735	4645.911	
1.00000		6.483889	267.979404	6.157266
438.110479		77.690188	4748.287	

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.020280	-373.797836	-7.843403
-348.061044		-46.292225	-538.638465	
0.25000		-3.020280	-348.938440	-7.843403
-348.061044		-44.435519	-589.288494	
0.50000		-3.020280	-325.022008	-7.843403
-348.061044		-43.433628	-641.938522	
0.75000		-3.020280	-302.434816	-7.843403
-348.061044		-43.672423	-694.588551	
1.00000		-3.020280	-281.590349	-7.843403
-348.061044		-45.043700	-747.238580	

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.663410	22.418266	6.455075
63.785851		9.184264	770.407938	
0.25000		4.663410	22.424797	6.455075
63.801196		7.333274	825.525039	
0.50000		4.663410	22.431876	6.455075
63.818050		5.870474	880.821278	
0.75000		4.663410	22.439216	6.455075
63.836044		4.659163	936.096840	
1.00000		4.663410	22.447147	6.455075
63.854752		3.529525	991.367206	

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.752490	-49.536360	-1.170431
-256.182571		-45.216641	-248.893866	
0.25000		-2.752490	-49.528074	-1.170431
-256.165922		-49.359743	-274.700307	
0.50000		-2.752490	-49.520139	-1.170431
-256.150034		-54.074887	-300.506984	
0.75000		-2.752490	-49.512672	-1.170431
-256.135333		-59.240960	-326.300178	
1.00000		-2.752490	-49.505797	-1.170431
-256.122191		-64.714187	-352.106993	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1442

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		8.099992	40.907414	8.989706
98.719588		12.470978	1612.141	
0.25000		8.099992	40.913941	8.989706
98.719588		10.056022	1715.586	
0.50000		8.099992	40.921016	8.989706
98.736401		8.221358	1820.205	
0.75000		8.099992	40.928512	8.989706
98.754352		6.753985	1925.715	
1.00000		8.099992	40.936278	8.989706
98.773015		5.474593	2032.132	

COMB DL-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.574910	-97.527128	-3.549688
-437.294294		-86.749561	-451.532869	
0.25000		-4.574910	-97.518848	-3.549688
-437.277696		-89.658738	-497.903416	
0.50000		-4.574910	-97.510917	-3.549688
-437.261854		-93.452838	-544.258797	
0.75000		-4.574910	-97.503414	-3.549688
-437.247198		-98.301503	-590.609136	
1.00000		-4.574910	-97.496583	-3.549688
-437.234098		-104.162863	-637.015412	

COMB DL-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		10.194115	63.221680	8.479479
155.539157		17.335780	2701.652	
0.25000		10.194115	63.409694	8.479479
155.980183		14.656696	2849.623	
0.50000		10.194115	63.613474	8.479479
156.468589		12.552813	3001.314	
0.75000		10.194115	63.829362	8.479479
156.981784		10.781879	3155.736	
1.00000		10.194115	64.053060	8.479479
157.519498		9.290556	3312.182	

COMB DL-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.105383	-155.373284	-3.883663
-521.091139		-80.441243	-626.892120	
0.25000		-5.105383	-155.134782	-3.883663
-520.612855		-82.070031	-690.314649	
0.50000		-5.105383	-154.906356	-3.883663
-520.156394		-84.621173	-753.934419	
0.75000		-5.105383	-154.691393	-3.883663
-519.734095		-88.301048	-817.400841	
1.00000		-5.105383	-154.493499	-3.883663
-519.356608		-92.989547	-880.825717	

COMB DL-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.067752	118.255292	8.286933
269.252860		49.952712	3585.558	
0.25000		11.067752	127.756554	8.286933
288.755971		48.321832	3773.081	
0.50000		11.067752	138.042458	8.286933
310.346334		47.286301	3949.294	
0.75000		11.067752	148.918485	8.286933
333.386631		46.623739	4115.266	
1.00000		11.067752	160.167566	8.286933
357.246748		46.334396	4266.999	

COMB DL-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.353024	-263.532232	-5.031750
-556.208035		-69.317877	-697.630005	
0.25000		-5.353024	-251.530096	-5.031750
-535.837321		-70.702063	-765.816578	
0.50000		-5.353024	-240.015236	-5.031750
-516.382812		-72.888274	-833.842184	
0.75000		-5.353024	-229.163795	-5.031750
-498.453093		-76.048955	-901.905956	
1.00000		-5.353024	-219.165403	-5.031750
-482.630110		-80.110576	-970.358002	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1443

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.753256	22.208404	2.253111
39.741299		5.836719	1102.728	
0.25000		3.753256	22.273681	2.253111
39.894370		4.988114	1160.797	
0.50000		3.753256	22.344431	2.253111
40.062499		4.308584	1219.620	
0.75000		3.753256	22.419385	2.253111
40.242009		3.737004	1280.509	
1.00000		3.753256	22.497050	2.253111
40.428639		3.282209	1342.218	

COMB DL-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.799348	-60.871105	-2.851557
-187.767498		-37.879665	-237.353305	
0.25000		-1.799348	-60.788300	-2.851557
-187.601514		-35.890423	-261.175063	
0.50000		-1.799348	-60.710996	-2.851557
-187.443096		-34.105248	-285.019464	
0.75000		-1.799348	-60.634360	-2.851557
-187.296539		-32.987393	-308.823471	
1.00000		-1.799348	-60.565653	-2.851557
-187.165538		-32.810936	-332.670712	

COMB DL-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.784600	66.533353	2.818688
154.528512		23.358721	2582.019	
0.25000		6.784600	66.539883	2.818688
154.543850		21.991555	2688.429	
0.50000		6.784600	66.546961	2.818688
154.560697		21.391165	2805.072	
0.75000		6.784600	66.554460	2.818688
154.578684		20.712546	2934.463	
1.00000		6.784600	66.562231	2.818688
154.597385		20.158055	3070.316	

COMB DL-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.742987	-147.160704	-3.479942
-311.627688		-34.558119	-473.408512	
0.25000		-2.742987	-147.152419	-3.479942
-311.611047		-32.478585	-519.979945	
0.50000		-2.742987	-147.144485	-3.479942
-311.595167		-30.380303	-566.278967	
0.75000		-2.742987	-147.137018	-3.479942
-311.580474		-28.959342	-612.600274	
1.00000		-2.742987	-147.130048	-3.479942
-311.567338		-28.301120	-659.345847	

COMB DL-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.769677	77.712537	6.740601
185.924236		26.500184	2990.757	
0.25000		9.769677	77.718415	6.740601
185.938041		24.354411	3132.114	
0.50000		9.769677	77.724785	6.740601
185.953203		22.664781	3282.818	
0.75000		9.769677	77.731534	6.740601
185.969391		21.287352	3445.167	
1.00000		9.769677	77.738528	6.740601
185.986222		20.146245	3613.400	

COMB DL-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.595613	-173.790175	-4.432750
-481.157810		-71.480890	-625.491849	
0.25000		-4.595613	-173.782719	-4.432750
-481.142834		-71.127482	-687.990374	
0.50000		-4.595613	-173.775578	-4.432750
-481.128541		-71.530504	-750.941695	
0.75000		-4.595613	-173.768858	-4.432750
-481.115318		-72.881991	-812.516257	
1.00000		-4.595613	-173.762672	-4.432750
-481.103496		-75.228529	-875.124293	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1444

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.044975	142.785400	6.851704
321.141471		63.886270	4001.029	
0.25000		11.044975	157.157564	6.851704
328.681511		65.179442	4207.013	
0.50000		11.044975	172.682316	6.851704
354.527321		65.080488	4391.212	
0.75000		11.044975	189.058704	6.851704
382.152759		65.440777	4554.408	
1.00000		11.044975	205.941639	6.851704
409.463697		66.231114	4693.823	

COMB DL-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.286532	-313.102935	-6.285381
-476.642157		-60.933807	-700.179337	
0.25000		-5.286532	-295.070417	-6.285381
-454.688963		-60.615808	-768.246031	
0.50000		-5.286532	-277.720457	-6.285381
-433.651602		-60.970939	-836.281980	
0.75000		-5.286532	-261.338238	-6.285381
-425.610587		-62.179527	-905.079870	
1.00000		-5.286532	-246.222711	-6.285381
-426.804178		-64.320344	-974.031201	

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.660867	124.079602	2.051324
397.915623		73.158366	2409.020	
0.25000		4.660867	142.303204	2.051324
393.577783		75.149904	2528.908	
0.50000		4.660867	161.923031	2.051324
389.239633		77.610746	2634.139	
0.75000		4.660867	182.515102	2.051324
384.901483		80.686341	2661.192	
1.00000		4.660867	203.599839	2.051324
380.563333		84.479678	2674.024	

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.490348	-243.852151	-4.682244
-73.961620		-2.638283	-272.821480	
0.25000		-2.490348	-221.273049	-4.682244
-73.961620		-2.452066	-298.685461	
0.50000		-2.490348	-199.430657	-4.682244
-73.961620		-2.309392	-324.494607	
0.75000		-2.490348	-178.721228	-4.682244
-73.961620		-2.379265	-350.186528	
1.00000		-2.490348	-159.570982	-4.682244
-73.961620		-2.691823	-376.398797	

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.492976	182.186971	3.387759
517.992335		104.918741	3839.276	
0.25000		7.492976	203.265470	3.387759
517.512392		107.004569	4005.053	
0.50000		7.492976	225.966858	3.387759
517.032450		109.567381	4140.267	
0.75000		7.492976	249.821307	3.387759
516.552507		112.783514	4248.291	
1.00000		7.492976	274.285616	3.387759
516.072564		116.811120	4320.030	

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.479858	-349.032955	-5.968811
-162.394468		-5.914505	-481.277085	
0.25000		-3.479858	-322.849679	-5.968811
-162.394468		-5.883024	-526.587481	
0.50000		-3.479858	-297.553908	-5.968811
-162.394468		-5.910726	-571.667049	
0.75000		-3.479858	-273.594016	-5.968811
-162.394468		-6.058054	-616.727190	
1.00000		-3.479858	-251.441405	-5.968811
-162.394468		-6.475029	-662.456292	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1445

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.757282	181.408067	3.857475
497.887572		93.509572	4508.642	
0.25000		9.757282	200.726698	3.857475
497.971137		94.840569	4713.278	
0.50000		9.757282	221.534492	3.857475
498.054703		96.716310	4889.036	
0.75000		9.757282	243.402409	3.857475
498.138268		99.250366	5038.724	
1.00000		9.757282	265.833906	3.857475
498.221833		102.486532	5157.164	

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.382543	-370.635958	-6.904731
-283.466928		-20.804306	-641.849090	
0.25000		-4.382543	-346.630143	-6.904731
-283.466928		-19.064074	-703.706883	
0.50000		-4.382543	-323.441750	-6.904731
-283.466928		-17.565727	-765.271277	
0.75000		-4.382543	-301.480586	-6.904731
-283.466928		-16.555560	-826.746397	
1.00000		-4.382543	-281.176520	-6.904731
-283.466928		-16.339767	-888.569902	

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.123999	166.097931	6.098922
448.748513		82.449463	4374.898	
0.25000		11.123999	182.403300	6.098922
448.835583		82.652850	4569.976	
0.50000		11.123999	199.549542	6.098922
448.922653		83.534230	4771.186	
0.75000		11.123999	217.779655	6.098922
449.009723		85.084496	4935.967	
1.00000		11.123999	236.479745	6.098922
449.096793		87.305942	5074.828	

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.339331	-345.580317	-7.606498
-398.722682		-53.476810	-707.730959	
0.25000		-5.339331	-325.567853	-7.606498
-398.722682		-52.153254	-777.062427	
0.50000		-5.339331	-306.236958	-7.606498
-398.722682		-51.386961	-846.120709	
0.75000		-5.339331	-287.929223	-7.606498
-398.722682		-51.418394	-926.196211	
1.00000		-5.339331	-271.003933	-7.606498
-398.722682		-52.454104	-996.354203	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.483889	207.943722	7.964186
509.052177		99.270985	4457.915	
0.25000		6.483889	237.278598	7.964186
509.052177		98.774216	4622.883	
0.50000		6.483889	268.363284	7.964186
509.052177		99.388750	4760.861	
0.75000		6.483889	300.636645	7.964186
509.052177		101.231323	4874.029	
1.00000		6.483889	333.522735	7.964186
509.052177		104.491716	4962.155	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.020280	-416.019167	-7.843403
-494.303100		-77.886744	-536.638465	
0.25000		-3.020280	-386.204088	-7.843403
-463.279227		-79.476763	-589.288494	
0.50000		-3.020280	-357.518109	-7.843403
-443.800985		-82.363384	-641.938522	
0.75000		-3.020280	-330.426571	-7.843403
-443.773287		-86.653163	-694.588551	
1.00000		-3.020280	-305.425425	-7.843403
-443.753736		-92.237216	-747.238580	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1446

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.123999	182.186971	8.989706
517.992335		104.918741	4508.642	
0.25000		11.123999	203.265470	8.989706
517.512392		107.004569	4713.278	
0.50000		11.123999	225.966858	8.989706
517.032450		109.567381	4889.036	
0.75000		11.123999	249.821307	8.989706
516.552507		112.783514	5038.724	
1.00000		11.123999	274.285616	8.989706
516.072564		116.811120	5157.164	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.353024	-370.635958	-7.606498
-556.208035		-86.749561	-707.730959	
0.25000		-5.353024	-346.630143	-7.606498
-535.837321		-89.658738	-777.062427	
0.50000		-5.353024	-323.441750	-7.606498
-520.156394		-93.452838	-846.120709	
0.75000		-5.353024	-301.480586	-7.606498
-519.734095		-98.301503	-926.196211	
1.00000		-5.353024	-281.176520	-7.606498
-519.356608		-104.162863	-996.354203	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.123999	207.943722	8.989706
517.992335		104.918741	4508.642	
0.25000		11.123999	237.278598	8.989706
517.512392		107.004569	4713.278	
0.50000		11.123999	268.363284	8.989706
517.032450		109.567381	4889.036	
0.75000		11.123999	300.636645	8.989706
516.552507		112.783514	5038.724	
1.00000		11.123999	333.522735	8.989706
516.072564		116.811120	5157.164	

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.353024	-416.019167	-7.843403

```
-556.208035  -86.749561 -707.730959
 0.25000     -5.353024 -386.204088     -7.843403
-535.837321  -89.658738 -777.062427
 0.50000     -5.353024 -357.518109     -7.843403
-520.156394  -93.452838 -846.120709
 0.75000     -5.353024 -330.426571     -7.843403
-519.734095  -98.301503 -926.196211
 1.00000     -5.353024 -305.425425     -7.843403
-519.356608 -104.162863 -996.354203

  COMB  DESIGN  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    11.123999   207.943722    8.989706
517.992335  104.918741    4508.642
 0.25000    11.123999   237.278598    8.989706
517.512392  107.004569    4713.278
 0.50000    11.123999   268.363284    8.989706
517.032450  109.567381    4889.036
 0.75000    11.123999   300.636645    8.989706
516.552507  112.783514    5038.724
 1.00000    11.123999   333.522735    8.989706
516.072564  116.811120    5157.164

  COMB  DESIGN  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    -5.353024 -416.019167     -7.843403
-556.208035  -86.749561 -707.730959
 0.25000    -5.353024 -386.204088     -7.843403
-535.837321  -89.658738 -777.062427
 0.50000    -5.353024 -357.518109     -7.843403
-520.156394  -93.452838 -846.120709
 0.75000    -5.353024 -330.426571     -7.843403
-519.734095  -98.301503 -926.196211
 1.00000    -5.353024 -305.425425     -7.843403
-519.356608 -104.162863 -996.354203
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1447

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM       115 ================== LENGTH =     4.928235

  COMB  DB-G1-1  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    2.661835   14.770801    4.154602
42.642511    2.636110   766.103951
 0.25000    2.661835   14.783458    4.154602
42.671697    2.177588   777.149703
 0.50000    2.661835   14.796843    4.154602
42.703280    1.721788   788.461843
 0.75000    2.661835   14.810755    4.154602
42.736661    2.394003   800.193582
 1.00000    2.661835   14.826339    4.154602
42.775870    3.378315   812.078496

  COMB  DB-G1-1  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -1.821168  -16.572508     -1.341635
-99.584629  -56.174974 -265.714620
 0.25000   -1.821168  -16.557016     -1.341635
-99.545408  -56.986194 -283.613522
 0.50000   -1.821168  -16.543318     -1.341635
-99.512418  -58.383555 -301.512425
 0.75000   -1.821168  -16.530281     -1.341635
-99.481710  -60.418702 -319.411328
 1.00000   -1.821168  -16.518107     -1.341635
-99.453117  -62.996501 -337.310231

  COMB  DB-G1-2  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    4.802099   29.639570    6.649501
88.360967    4.831111   1615.533
 0.25000    4.802099   29.652221    6.649501
88.390097    4.029828   1632.233
 0.50000    4.802099   29.665601    6.649501
88.421624    3.280305   1651.062
 0.75000    4.802099   29.679507    6.649501
88.454948    3.686042   1671.952
 1.00000    4.802099   29.695081    6.649501
88.494084    4.583442   1694.839

  COMB  DB-G1-2  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -2.924344  -39.900022     -4.029391
-199.643203  -91.179199 -483.270644
 0.25000   -2.924344  -39.884541     -4.029391
-199.604055  -90.478256 -516.241795
 0.50000   -2.924344  -39.870849     -4.029391
-199.571157  -90.615920 -549.212946
 0.75000   -2.924344  -39.857817     -4.029391
-199.540503  -93.505348 -582.184097
 1.00000   -2.924344  -39.845649     -4.029391
-199.511963  -97.039323 -615.155247

  COMB  DB-G1-3  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    6.460902   64.465064    6.623982
194.388188    7.784915   2724.246
 0.25000    6.460902   64.476451    6.623982
194.414415    6.318629   2733.575
 0.50000    6.460902   64.488494    6.623982
194.442799    5.077650   2753.781
 0.75000    6.460902   64.501010    6.623982
194.472801    5.017770   2785.612
 1.00000    6.460902   64.515029    6.623982
194.508037    6.336873   2827.729

  COMB  DB-G1-3  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.321876  -79.313898     -4.186611
-296.917234  -80.926387 -662.408968
 0.25000   -3.321876  -79.299963     -4.186611
-296.881987  -79.914370 -708.325047
 0.50000   -3.321876  -79.287639     -4.186611
-296.852362  -80.428833 -754.241125
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1448

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  REL DIST          P          V2          V3
         T          M2          M3
 0.75000   -3.321876  -79.275909     -4.186611
-296.824764  -82.645947 -800.157203
 1.00000   -3.321876  -79.264957     -4.186611
-296.799069  -86.384796 -846.073282

  COMB  DB-G1-4  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    7.160296   147.248883    7.498959
258.021541   41.319747   3824.816
 0.25000    7.160296   159.103043    7.498959
280.324959   39.225525   3851.902
 0.50000    7.160296   171.665187    7.498959
305.073698   37.591199   3874.370
 0.75000    7.160296   184.733653    7.498959
333.012985   37.466513   3898.064
 1.00000    7.160296   199.072598    7.498959
365.347304   38.812661   3919.293

  COMB  DB-G1-4  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.566158  -208.440331     -5.065631
-408.736972  -69.463596 -739.271047
 0.25000   -3.566158  -194.195016     -5.065631
-377.938259  -68.692621 -791.212143
 0.50000   -3.566158  -181.341358     -5.065631
-351.001330  -69.223770 -843.153239
 0.75000   -3.566158  -169.125695     -5.065631
-326.135613  -71.185005 -895.094335
 1.00000   -3.566158  -157.750652     -5.065631
-309.168213  -74.405833 -947.035431

  COMB  DB-G2-1  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    2.492127   24.345656    2.340992
77.992031    2.313633   1145.890
 0.25000    2.492127   24.484858    2.340992
78.312833    1.791759   1149.024
 0.50000    2.492127   24.632075    2.340992
78.659995    1.451733   1157.584
 0.75000    2.492127   24.785075    2.340992
79.026937    1.244329   1169.377
 1.00000    2.492127   24.956489    2.340992
79.457916    1.054167   1184.946

  COMB  DB-G2-1  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -1.057516  -35.268747     -2.757391
-126.899364  -29.362447 -256.573031
 0.25000   -1.057516  -35.098384     -2.757391
-126.468257  -27.518092 -274.549720
 0.50000   -1.057516  -34.947734     -2.757391
-126.105771  -26.705347 -292.526798
 0.75000   -1.057516  -34.804345     -2.757391
-125.768220  -26.840749 -310.504255
 1.00000   -1.057516  -34.670463     -2.757391
-125.453928  -27.664141 -328.481712

  COMB  DB-G2-2  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    4.819195   87.244084    3.249975
234.621706   17.172277   2737.159
 0.25000    4.819195   87.256738    3.249975
234.650858   15.757247   2718.333
 0.50000    4.819195   87.270120    3.249975
234.682407   14.670803   2702.118
 0.75000    4.819195   87.284028    3.249975
234.715754   13.890893   2752.913
 1.00000    4.819195   87.299607    3.249975
234.754920   14.162384   2806.339

  COMB  DB-G2-2  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -1.774274 -100.889280     -3.200021
-262.860757  -24.685498 -502.965796
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1449

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  REL DIST          P          V2          V3
         T          M2          M3
 0.25000   -1.774274 -100.873794     -3.200021
-262.821579  -22.854222 -538.699372
 0.50000   -1.774274 -100.860100     -3.200021
-262.788645  -22.003727 -574.432949
 0.75000   -1.774274 -100.847066     -3.200021
-262.757969  -22.285217 -610.166526
 1.00000   -1.774274 -100.834896     -3.200021
-262.729408  -23.533822 -645.900103

  COMB  DB-G2-3  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    6.463361   90.447283    5.977441
241.355685   17.392103   3124.077
 0.25000    6.463361   90.458671    5.977441
241.381922   15.779238   3115.327
 0.50000    6.463361   90.470715    5.977441
241.410316   14.463527   3126.743
 0.75000    6.463361   90.483232    5.977441
241.440329   13.872894   3164.544
 1.00000    6.463361   90.497253    5.977441
241.475578   14.713514   3222.338

  COMB  DB-G2-3  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -2.976031 -105.412851     -4.586941
-319.209086  -65.212062 -665.955685
 0.25000   -2.976031 -105.399114     -4.586941
-319.173826  -63.554159 -712.585314
 0.50000   -2.976031 -105.386589     -4.586941
-319.144185  -63.306082 -759.214943
 0.75000   -2.976031 -105.374858     -4.586941
-319.116577  -64.662701 -805.844571
 1.00000   -2.976031 -105.363905     -4.586941
-319.090872  -67.412765 -852.474200

  COMB  DB-G2-4  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    7.155826   186.923219    7.351327
295.179970   59.930768   4391.793
 0.25000    7.155826   205.151551    7.351327
295.179970   57.534930   4352.304
 0.50000    7.155826   224.521895    7.351327
319.723136   55.819169   4377.412
 0.75000    7.155826   244.699771    7.351327
343.415063   55.477068   4391.254
 1.00000    7.155826   266.213323    7.351327
364.520760   56.905007   4392.255

  COMB  DB-G2-4  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.590506  -273.331595     -6.074197
-370.948228  -55.561168 -743.542447
 0.25000   -3.590506  -251.975963     -6.074197
-350.223211  -54.384879 -796.237792
 0.50000   -3.590506  -232.159204     -6.074197
-327.079209  -54.374624 -848.933137
 0.75000   -3.590506  -213.364433     -6.074197
-301.804162  -55.701762 -901.628481
 1.00000   -3.590506  -195.927486     -6.074197
-299.096241  -58.197675 -954.323826

  COMB  DB-G3-1  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    2.720344   176.323682    4.009351
259.102712   78.102553   2707.232
 0.25000    2.720344   199.708496    4.009351
259.102712   76.369996   2761.938
 0.50000    2.720344   224.706898    4.009351
259.102712   75.653316   2778.587
 0.75000    2.720344   250.813098    4.009351
259.102712   76.067004   2758.084
 1.00000    2.720344   277.074747    4.009351
259.102712   77.477704   2704.492
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1450

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB  DB-G3-1  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -1.948432  -267.788791     -4.039151
-157.431053   -2.047842  -288.545408
 0.25000   -1.948432  -241.765213     -4.039151
-157.431053   -2.368045  -309.754334
 0.50000   -1.948432  -216.200628     -4.039151
-157.431053   -2.698449  -330.963260
 0.75000   -1.948432  -192.049423     -4.039151
-157.431053   -3.040272  -352.172185
 1.00000   -1.948432  -169.818482     -4.039151
-157.431053   -3.386142  -373.381111

  COMB  DB-G3-2  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    4.815051   255.444569     5.816771
386.266065  105.205411   4307.943
 0.25000    4.815051   283.365143     5.816771
386.266065  102.734562   4352.298
 0.50000    4.815051   313.148016     5.816771
386.266065  101.481867   4366.140
 0.75000    4.815051   344.229854     5.816771
386.266065  101.661736   4358.184
 1.00000    4.815051   376.034959     5.816771
386.266065  103.143677   4325.216

  COMB  DB-G3-2  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -2.662695  -367.019571     -5.106139
-251.737404   -4.859131  -509.215321
 0.25000   -2.662695  -335.486172     -5.106139
-251.737404   -5.107602  -546.424902
 0.50000   -2.662695  -305.023334     -5.106139
-251.737404   -5.457440  -583.634483
 0.75000   -2.662695  -276.213568     -5.106139
-251.737404   -5.856020  -620.844063
 1.00000   -2.662695  -249.622047     -5.106139
-251.737404   -6.275086  -658.053644

  COMB  DB-G3-3  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    6.454815   255.348515     6.164039
429.267518   93.065965   4961.638
 0.25000    6.454815   280.956618     6.164039
429.267518   90.109635   5005.605
 0.50000    6.454815   308.266838     6.164039
429.267518   88.489565   5025.216
 0.75000    6.454815   336.766249     6.164039
429.267518   88.131963   5027.893
 1.00000    6.454815   365.978718     6.164039
429.267518   89.774857   5011.776

  COMB  DB-G3-3  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.181822  -365.600687     -5.979658
-333.065819  -12.890470 -680.596757
 0.25000   -3.181822  -336.636259     -5.979658
-333.065819  -11.710104 -729.792521
 0.50000   -3.181822  -308.702025     -5.979658
-333.065819  -11.971692 -778.988285
 0.75000   -3.181822  -282.280765     -5.979658
-333.065819  -12.524817 -828.184049
 1.00000   -3.181822  -257.887144     -5.979658
-333.065819  -13.669899 -877.379813

  COMB  DB-G3-4  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    7.163045   222.573724     7.466844
384.457380   79.073406   4748.212
 0.25000    7.163045   243.482473     7.466844
384.457380   76.346842   4791.386
 0.50000    7.163045   266.693752     7.466844
384.457380   74.680695   4814.572
 0.75000    7.163045   290.454636     7.466844
384.457380   74.334240   4824.120
 1.00000    7.163045   314.811680     7.466844
384.457380   75.992344   4818.382
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1451

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB  DB-G3-4  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.716353  -319.401418     -6.954614
-352.588756  -44.499168 -747.148219
 0.25000   -3.716353  -295.251139     -6.954614
-352.588756  -43.146101 -800.468657
 0.50000   -3.716353  -271.961381     -6.954614
-352.588756  -42.811113 -853.789095
 0.75000   -3.716353  -249.932948     -6.954614
-352.588756  -43.847883 -907.109533
 1.00000   -3.716353  -229.594813     -6.954614
-352.588756  -45.880809 -960.429971

  COMB  DL-G1-1  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    5.498605   21.163077    4.455498
55.517268    4.493419   992.056820
 0.25000    5.498605   21.169763    4.455498
55.531814    3.718858   1014.257
 0.50000    5.498605   21.176998    4.455498
55.547901    3.302508   1036.689
 0.75000    5.498605   21.184662    4.455498
55.565138    3.584282   1059.104
 1.00000    5.498605   21.192597    4.455498
55.583097    4.380204   1081.503

  COMB  DL-G1-1  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.396989  -22.635257     -2.141023
-111.082661  -64.948140 -352.273496
 0.25000   -3.396989  -22.627345     -2.141023
-111.065425  -66.364374 -376.014654
 0.50000   -3.396989  -22.619734     -2.141023
-111.048918  -68.379962 -399.784083
 0.75000   -3.396989  -22.612577     -2.141023
-111.033561  -70.985665 -423.534135
 1.00000   -3.396989  -22.606007     -2.141023
-111.019747  -74.040525 -447.299441

  COMB  DL-G1-2  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    9.430522   44.064210    7.003332
108.091796   7.314886   2033.286
 0.25000    9.430522   44.070892    7.003332
108.106305   6.099320   2071.986
 0.50000    9.430522   44.078122    7.003332
108.122348   5.369308   2111.179
 0.75000    9.430522   44.085782    7.003332
108.139540   5.477055   2150.801
 1.00000    9.430522   44.093712    7.003332
108.157452   6.032740   2190.811

  COMB  DL-G1-2  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -5.632170  -48.502507     -4.853265
-209.742569 -104.583491 -637.251820
 0.25000   -5.632170  -48.494600     -4.853265
-209.725382 -104.697139 -680.714851
 0.50000   -5.632170  -48.486994     -4.853265
-209.708919 -105.720662 -724.272347
 0.75000   -5.632170  -48.479841     -4.853265
-209.693606 -108.093095 -767.763220
 1.00000   -5.632170  -48.473275     -4.853265
-209.679831 -111.417262 -811.270233

  COMB  DL-G1-3  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   11.727606   86.214874    6.838973
194.259042  11.719982   3313.362
 0.25000   11.727606   86.407343    6.838973
194.677085   9.990362   3360.972
 0.50000   11.727606   86.615602    6.838973
195.139319   8.921469   3412.324
 0.75000   11.727606   86.836214    6.838973
195.634674   8.857589   3467.419
 1.00000   11.727606   87.064627    6.838973
196.150752   9.846923   3525.871
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1452

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB  DL-G1-3  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -6.235224  -91.071090     -4.860337
-302.459945  -93.465435 -881.009155
 0.25000   -6.235224  -90.843336     -4.860337
-301.994718  -93.077393 -942.046115
 0.50000   -6.235224  -90.624271     -4.860337
-301.490387  -93.846662 -1003.122
 0.75000   -6.235224  -90.418234     -4.860337
-301.049157  -96.046364 -1064.346
 1.00000   -6.235224  -90.229123     -4.860337
-300.652290  -99.376337 -1125.459

  COMB  DL-G1-4  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   12.696950   152.706962    7.473996
256.739971   48.632990   4267.570
 0.25000   12.696950   162.434079    7.473996
274.927537   46.864307   4338.148
 0.50000   12.696950   172.949108    7.473996
295.188387   45.809307   4397.641
 0.75000   12.696950   184.068983    7.473996
316.944639   45.712331   4448.130
 1.00000   12.696950   195.557869    7.473996
339.557059   46.595255   4487.428

  COMB  DL-G1-4  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -6.536421  -194.204606     -5.571846
-399.412834  -80.530562 -970.432678
 0.25000   -6.536421  -182.764544     -5.571846
-378.009557  -80.265816  -1038.463
 0.50000   -6.536421  -171.738928     -5.571846
-357.450294  -81.033825  -1106.551
 0.75000   -6.536421  -161.353475     -5.571846
-338.393108  -83.066899  -1174.033
 1.00000   -6.536421  -151.813255     -5.571846
-321.400214  -86.066963  -1243.166

  COMB  DL-G2-1  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    4.254204   33.399060    2.352489
75.245492    3.882033   1342.662
 0.25000    4.254204   33.465883    2.352489
75.390581    3.074090   1361.443
 0.50000    4.254204   33.538189    2.352489
75.551009    2.499120   1380.274
 0.75000    4.254204   33.614783    2.352489
75.722932    2.014793   1400.150
 1.00000    4.254204   33.694085    2.352489
75.902047    1.622467   1420.305

  COMB  DL-G2-1  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -2.186019  -36.510928     -2.731641
-119.250701  -32.976023 -332.715586
 0.25000   -2.186019  -36.431855     -2.731641
-119.078628  -31.229288 -356.094884
 0.50000   -2.186019  -36.355798     -2.731641
-118.914206  -29.777773 -379.452377
 0.75000   -2.186019  -36.284264     -2.731641
-118.761073  -29.372895 -402.730299
 1.00000   -2.186019  -36.218607     -2.731641
-118.623326  -29.489360 -426.065184

  COMB  DL-G2-2  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000    7.653032   100.811886    3.052106
206.240793   21.458771   3070.754
 0.25000    7.653032   100.818571    3.052106
206.255333   19.950192   3091.222
 0.50000    7.653032   100.825805    3.052106
206.271412   18.834844   3121.749
 0.75000    7.653032   100.833468    3.052106
206.288642   18.163947   3166.071
 1.00000    7.653032   100.841403    3.052106
206.306592   18.259445   3220.129
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1453

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

  COMB  DL-G2-2  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -3.299495  -101.864119     -3.109570
-251.697949  -28.483073 -659.323224
 0.25000   -3.299495  -101.856207     -3.109570
-251.680721  -26.570393 -705.947497
 0.50000   -3.299495  -101.848598     -3.109570
-251.664221  -25.262154 -752.780005
 0.75000   -3.299495  -101.841441     -3.109570
-251.648872  -25.007161 -799.749720
 1.00000   -3.299495  -101.834872     -3.109570
-251.635065  -25.508920 -846.577447

  COMB  DL-G2-3  ---------- MAX

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   11.170399   108.269477    5.996526
227.187217   22.272447   3614.335
 0.25000   11.170399   108.275493    5.996526
227.200303   20.474273   3650.516
 0.50000   11.170399   108.282004    5.996526
227.214775   19.160476   3695.898
 0.75000   11.170399   108.288901    5.996526
227.230281   18.631410   3753.721
 1.00000   11.170399   108.296041    5.996526
227.246437   19.113475   3820.259

  COMB  DL-G2-3  ---------- MIN

  REL DIST          P          V2          V3
         T          M2          M3
 0.00000   -5.590789  -110.831297     -4.922887
-316.330110  -75.581247 -875.222279
 0.25000   -5.590789  -110.824177     -4.922887
-316.314605  -74.262976 -936.318743
 0.50000   -5.590789  -110.817328     -4.922887
-316.299755  -73.857349 -997.603154
 0.75000   -5.590789  -110.810887     -4.922887
-316.285941  -74.824199  -1058.968
 1.00000   -5.590789  -110.804975     -4.922887
-316.273514  -76.889284  -1120.254

  COMB  DL-G2-4  ---------- MAX
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.605429   183.813529     7.201538
274.151495   68.359338    4694.084
 0.25000   12.605429   198.523875     7.201538
279.517871   66.649254    4777.913
 0.50000   12.605429   214.402265     7.201538
302.948758   65.588206    4840.617
 0.75000   12.605429   231.150614     7.201538
328.209510   65.448946    4883.749
 1.00000   12.605429   248.396849     7.201538
354.300445   66.404401    4905.675

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.452019  -244.167866    -6.248594
-376.946361   -64.761004  -974.010158
 0.25000   -6.452019  -227.027260    -6.248594
-353.001035   -63.834893   -1042.792
 0.50000   -6.452019  -210.460980    -6.248594
-329.873927   -63.784808   -1111.764
 0.75000   -6.452019  -194.812232    -6.248594
-308.577941   -64.969723   -1181.207
 1.00000   -6.452019  -180.225785    -6.248594
-304.592438   -67.082626   -1250.177

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.297148   148.514901     3.743033
257.509144   85.177278    2673.072
 0.25000    5.297148   167.170257     3.743033
255.435890   84.593598    2739.729
 0.50000    5.297148   187.255762     3.743033
252.148406   84.641976    2771.798
 0.75000    5.297148   208.333964     3.743033
247.875623   85.549586    2768.973
 1.00000    5.297148   229.891422     3.743033
243.537198   87.082100    2731.834
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1454

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.066393  -219.219979    -3.850011
-155.983280   -3.042281  -376.242805
 0.25000   -3.066393  -197.878225    -3.850011
-158.248452   -3.318051   -403.643034
 0.50000   -3.066393  -177.123794    -3.850011
-159.299568   -3.709199  -431.223881
 0.75000   -3.066393  -157.456416    -3.850011
-159.365154   -4.323590  -459.460460
 1.00000   -3.066393  -139.284563    -3.850011
-159.365154   -5.075536  -487.643832

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.504284   225.460573     5.313853
367.179041   117.882910    4318.981
 0.25000    8.504284   247.043156     5.313853
367.129173   116.897916    4390.590
 0.50000    8.504284   270.270085     5.313853
366.650775   116.575356    4432.694
 0.75000    8.504284   294.684007     5.313853
366.170991   117.213328    4449.432
 1.00000    8.504284   319.691628     5.313853
365.691018   118.509281    4435.866

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.252358  -305.737958    -4.937910
-262.903236   -6.790619  -662.216140
 0.25000   -4.252358  -280.957297    -4.937910
-263.333342   -6.994228  -710.214858
 0.50000   -4.252358  -256.894035    -4.937910
-263.335114   -7.413967  -762.786193
 0.75000   -4.252358  -234.114278    -4.937910
-263.335114   -8.102721  -811.265953
 1.00000   -4.252358  -213.071989    -4.937910
-263.335114   -8.916775  -860.451291

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.034382   236.218736     5.753005
399.370276   104.170599    5156.465
 0.25000   11.034382   255.999619     5.753005
399.375942   102.523762    5239.381
 0.50000   11.034382   277.288700     5.753005
399.459331   101.575839    5294.957
 0.75000   11.034382   299.669002     5.753005
399.543083   101.878322    5326.304
 1.00000   11.034382   322.598130     5.753005
399.626653   103.316470    5329.968

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.327882  -311.570511    -5.776014
-334.840244   -16.738683  -888.366280
 0.25000   -5.327882  -288.846862    -5.776014
-334.762339   -15.765384  -952.329155
 0.50000   -5.327882  -266.785135    -5.776014
-334.762339   -15.228487   -1016.586
 0.75000   -5.327882  -245.902816    -5.776014
-334.762339   -15.647715   -1080.661
 1.00000   -5.327882  -226.613851    -5.776014
-334.762339   -16.802689   -1145.389

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.657698   212.632804     7.271550
369.084631   89.364387    5074.682
 0.25000   12.657698   229.122923     7.271550
369.090425   87.505126    5158.349
 0.50000   12.657698   246.870373     7.271550
369.177349   86.450793    5219.388
 0.75000   12.657698   265.527617     7.271550
369.264575   86.503246    5260.225
 1.00000   12.657698   284.642540     7.271550
369.351651   87.778963    5278.044
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1455

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.515739  -277.540258    -6.956662
-357.033533   -52.954809  -996.309892
 0.25000   -6.515739  -258.596547    -6.956662
-356.952251   -51.679403   -1067.059
 0.50000   -6.515739  -240.204785    -6.956662
-356.952251   -51.138661   -1138.082
 0.75000   -6.515739  -222.796326    -6.956662
-356.952251   -51.824955   -1208.947
 1.00000   -6.515739  -206.716180    -6.956662
-356.952251   -53.472092   -1280.334

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.163045   255.444569     7.498959
429.267518   105.205411    4961.638
 0.25000    7.163045   283.365143     7.498959
429.267518   102.734562    5005.605
 0.50000    7.163045   313.148016     7.498959
429.267518   101.481867    5025.216
 0.75000    7.163045   344.229854     7.498959
429.267518   101.661736    5027.893
 1.00000    7.163045   376.034959     7.498959
429.267518   103.143677    5011.776

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.716353  -367.019571    -6.954614
-408.736972   -91.179199  -747.148219
 0.25000   -3.716353  -336.636259    -6.954614
-377.938259   -90.478256   -800.468657
 0.50000   -3.716353  -308.702025    -6.954614
-352.588756   -91.231920   -853.789095
 0.75000   -3.716353  -282.280765    -6.954614
-352.588756   -93.505348   -907.109533
 1.00000   -3.716353  -257.887144    -6.954614
-352.588756   -97.039323   -960.429971

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.696950   236.218736     7.473996
399.370276   117.882910    5156.465
 0.25000   12.696950   255.999619     7.473996
399.375942   116.897916    5239.381
 0.50000   12.696950   277.288700     7.473996
399.459331   116.575356    5294.957
 0.75000   12.696950   299.669002     7.473996
399.543083   117.213328    5326.304
 1.00000   12.696950   322.598130     7.473996
399.626653   118.509281    5329.968

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.536421  -311.570511    -6.956662
-399.412834   -104.583491   -996.309892
 0.25000   -6.536421  -288.846862    -6.956662
-378.009557   -104.697139   -1067.059
 0.50000   -6.536421  -266.785135    -6.956662
-357.450294   -105.720662   -1138.082
 0.75000   -6.536421  -245.902816    -6.956662
-356.952251   -108.093095   -1208.947
 1.00000   -6.536421  -226.613851    -6.956662
-356.952251   -111.417262   -1280.334

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.696950   255.444569     7.498959
429.267518   117.882910    5156.465
 0.25000   12.696950   283.365143     7.498959
429.267518   116.897916    5239.381
 0.50000   12.696950   313.148016     7.498959
429.267518   116.575356    5294.957
 0.75000   12.696950   344.229854     7.498959
429.267518   117.213328    5326.304
 1.00000   12.696950   376.034959     7.498959
429.267518   118.509281    5329.968
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1456

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.536421  -367.019571    -6.956662
-408.736972   -104.583491   -996.309892
 0.25000   -6.536421  -336.636259    -6.956662
-378.009557   -104.697139   -1067.059
 0.50000   -6.536421  -308.702025    -6.956662
-357.450294   -105.720662   -1138.082
 0.75000   -6.536421  -282.280765    -6.956662
-356.952251   -108.093095   -1208.947
 1.00000   -6.536421  -257.887144    -6.956662
-356.952251   -111.417262   -1280.334

 COMB   DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.696950   255.444569     7.498959
429.267518   117.882910    5156.465
 0.25000   12.696950   283.365143     7.498959
429.267518   116.897916    5239.381
 0.50000   12.696950   313.148016     7.498959
429.267518   116.575356    5294.957
 0.75000   12.696950   344.229854     7.498959
429.267518   117.213328    5326.304
 1.00000   12.696950   376.034959     7.498959
429.267518   118.509281    5329.968

 COMB   DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.536421  -367.019571    -6.956662
-408.736972   -104.583491   -996.309892
 0.25000   -6.536421  -336.636259    -6.956662
-378.009557   -104.697139   -1067.059
 0.50000   -6.536421  -308.702025    -6.956662
-357.450294   -105.720662   -1138.082
 0.75000   -6.536421  -282.280765    -6.956662
-356.952251   -108.093095   -1208.947
 1.00000   -6.536421  -257.887144    -6.956662
-356.952251   -111.417262   -1280.334

 ELEM    116 ================== LENGTH
=    4.928666

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.782059   18.889693     2.721507
94.513411    3.154341   812.077077
 0.25000    2.782059   18.902110     2.721507
94.542076    4.751484   796.023526
 0.50000    2.782059   18.915270     2.721507
94.572898    6.366506   780.267234
 0.75000    2.782059   18.928970     2.721507
94.606123    7.999110   765.100706
 1.00000    2.782059   18.944355     2.721507
94.645528    9.650515   750.272703

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.183743   -4.843545    -3.191131
-21.591064   -62.707846   -337.451753
 0.25000   -2.183743   -4.828245    -3.191131
-21.551600   -61.160143   -352.457889
 0.50000   -2.183743   -4.814740    -3.191131
-21.517940   -60.230639   -367.464026
 0.75000   -2.183743   -4.801897    -3.191131
-21.486046   -59.964011   -382.470163
 1.00000   -2.183743   -4.789920    -3.191131
-21.456497   -60.385378   -397.476299

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.970538   48.150684     5.086394
195.011634    4.612632    1694.844
 0.25000    4.970538   48.163095     5.086394
195.040246    6.237564    1659.019
 0.50000    4.970538   48.176250     5.086394
195.071013    7.896386    1625.171
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1457

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000    4.970538   48.189944     5.086394
195.104144    9.678597    1593.809
 1.00000    4.970538   48.205318     5.086394
195.143477   11.879935    1565.530

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.504209  -15.418234    -5.583345
-71.397869   -96.636938   -615.360863
 0.25000   -3.504209  -15.402944    -5.583345
-71.358477   -94.003466   -644.387363
 0.50000   -3.504209  -15.389445    -5.583345
-71.324874   -92.653960   -673.413863
 0.75000   -3.504209  -15.376608    -5.583345
-71.293036   -92.768782   -702.440364
 1.00000   -3.504209  -15.364637    -5.583345
-71.263544   -94.246964   -731.466864

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.649552   99.771060     5.382198
301.238987    6.090937    2827.734
 0.25000    6.649552   99.782231     5.382198
301.264747    7.861860    2757.449
 0.50000    6.649552   99.794071     5.382198
301.292448    9.708985    2697.887
 0.75000    6.649552   99.806897     5.382198
301.322282   11.693445    2651.075
 1.00000    6.649552   99.820235     5.382198
301.357695   13.969315    2617.336

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.890014  -42.799757    -5.276257
-169.148013   -85.920043   -846.238942
 0.25000   -3.890014  -42.785993    -5.276257
-169.112547   -83.659311   -889.060589
 0.50000   -3.890014  -42.773844    -5.276257
-169.080294   -82.868867   -931.882237
 0.75000   -3.890014  -42.762289    -5.276257
-169.053630   -83.651041   -974.703884
 1.00000   -3.890014  -42.751514    -5.276257
-169.027076   -85.873374   -1017.526

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.344984   191.739569     6.672385
315.012163   38.640281    3919.363
 0.25000    7.344984   203.355629     6.672385
332.161736   38.176658    3853.714
 0.50000    7.344984   215.695272     6.672385
356.459562   39.250913    3786.467
 0.75000    7.344984   228.554744     6.672385
383.541167   40.343392    3722.701
 1.00000    7.344984   242.696573     6.672385
414.518664   42.083279    3657.336

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.183940  -164.743474    -5.704973
-341.200643   -74.104870   -947.096290
 0.25000   -4.183940  -150.685945    -5.704973
-308.626967   -72.463891   -997.848010
 0.50000   -4.183940  -138.021599    -5.704973
-280.422990   -72.061065   -1048.600
 0.75000   -4.183940  -125.995845    -5.704973
-256.351368   -72.963822   -1099.351
 1.00000   -4.183940  -114.813730    -5.704973
-234.021255   -75.080513   -1150.103

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.537860   44.374481     2.409290
129.398622    1.410313    1184.953
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1458

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000    2.537860   44.504481     2.409290
129.713703    1.297540    1156.438
 0.50000    2.537860   44.653783     2.409290
130.052504    1.187423    1131.144
 0.75000    2.537860   44.804453     2.409290
130.417563    1.189540    1110.028
 1.00000    2.537860   44.973638     2.409290
130.850702    1.993636    1095.201

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.217338  -19.965062    -2.209893
-81.191322   -27.558544   -328.552383
 0.25000   -1.217338  -19.796800    -2.209893
-80.757528   -26.713329   -345.907825
 0.50000   -1.217338  -19.648278    -2.209893
-80.387519   -26.492013   -363.291267
 0.75000   -1.217338  -19.507024    -2.209893
-80.036935   -27.119266   -380.674710
 1.00000   -1.217338  -19.375309    -2.209893
-79.712143   -28.438959   -398.058152

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.914721   127.556928     3.390071
275.926689   14.208009    2806.348
 0.25000    4.914721   127.569341     3.390071
275.957322   13.971213    2718.941
 0.50000    4.914721   127.582498     3.390071
275.988112   13.860748    2653.235
 0.75000    4.914721   127.596195     3.390071
276.021280   14.008527    2618.446
 1.00000    4.914721   127.611573     3.390071
276.060642   14.600471    2607.819

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.996932  -69.435854    -2.426925
-224.067817   -23.391594   -645.889087
 0.25000   -1.996932  -69.420559    -2.426925
-224.028396   -22.762742   -682.054298
 0.50000   -1.996932  -69.407059    -2.426925
-223.994770   -23.005139   -718.219509
 0.75000   -1.996932  -69.394218    -2.426925
-223.962910   -24.166594   -754.384721
 1.00000   -1.996932  -69.382245    -2.426925
-223.933395   -26.120395   -790.549932

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.629922   132.034520     5.297111
327.614815   14.498047    3222.343
 0.25000    6.629922   132.045692     5.297111
327.640584   15.237877    3129.527
 0.50000    6.629922   132.057534     5.297111
327.668295   16.120291    3056.606
 0.75000    6.629922   132.069860     5.297111
327.698146   17.253491    3012.091
 1.00000    6.629922   132.083701     5.297111
327.733572   18.746331    2990.179

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.449643  -66.589853    -4.736066
-223.681556   -67.090111   -852.567576
 0.25000   -3.449643  -66.576088    -4.736066
-223.646077   -65.324227   -897.582733
 0.50000   -3.449643  -66.563937    -4.736066
-223.615814   -64.883282   -942.597889
 0.75000   -3.449643  -66.552381    -4.736066
-223.587140   -65.857103   -987.613045
 1.00000   -3.449643  -66.541605    -4.736066
-223.560576   -68.101928   -1032.628
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1459

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.303646   236.735074     7.311429
313.360358   56.750031    4392.260
 0.25000    7.303646   254.569927     7.311429
313.360358   55.569222    4338.389
 0.50000    7.303646   273.573560     7.311429
334.606685   54.997579    4272.584
 0.75000    7.303646   293.407303     7.311429
358.793858   55.416816    4197.917
 1.00000    7.303646   314.597770     7.311429
380.356286   56.685522    4110.772

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.219160  -227.313450    -5.748795
-351.832602   -58.013843   -954.311646
 0.25000   -4.219160  -206.265146    -5.748795
-330.925800   -56.977972   -1007.281
 0.50000   -4.219160  -186.756310    -5.748795
-307.441857   -57.050592   -1060.250
 0.75000   -4.219160  -168.270713    -5.748795
-281.869340   -58.306573   -1113.219
 1.00000   -4.219160  -151.147988    -5.748795
-281.198311   -60.614901   -1166.187

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.728278   199.433291     5.023819
157.691170   77.503198    2704.241
 0.25000    2.728278   222.244054     5.023819
157.691170   74.405487    2720.539
 0.50000    2.728278   246.709506     5.023819
157.691170   72.370745    2704.697
 0.75000    2.728278   272.318738     5.023819
157.691170   71.473245    2652.962
 1.00000    2.728278   298.112575     5.023819
157.691170   71.668895    2565.789

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.347457  -247.150180    -3.213837
-266.493954   -3.525070   -373.236863
 0.25000   -2.347457  -221.567974    -3.213837
-266.493954   -4.325190   -397.054037
 0.50000   -2.347457  -196.441374    -3.213837
-266.493954   -5.128002   -420.871211
 0.75000   -2.347457  -172.730465    -3.213837
-266.493954   -5.934513   -444.688386
 1.00000   -2.347457  -150.947467    -3.213837
-266.493954   -6.742914   -468.505560

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.867051   296.448538     6.703323
261.363892   103.215463    4325.007
 0.25000    4.867051   323.707909     6.703323
261.363892   98.946046    4299.788
 0.50000    4.867051   352.876547     6.703323
261.363892   95.991596    4250.438
 0.75000    4.867051   383.384962     6.703323
261.363892   94.524330    4181.434
 1.00000    4.867051   414.650123     6.703323
261.363892   94.406182    4086.760

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.152042  -331.494737    -4.197769
-384.736473   -6.517270   -657.841448
 0.25000   -3.152042  -300.471794    -4.197769
-384.736473   -7.433871   -698.903731
 0.50000   -3.152042  -270.516550    -4.197769
-384.736473   -8.382752   -739.966015
 0.75000   -3.152042  -242.217019    -4.197769
-384.736473   -9.357556   -781.028298
 1.00000   -3.152042  -216.144319    -4.197769
-384.736473  -10.351835   -822.090581
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                         1460

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.535844   310.292587     7.320786
348.144363   89.676942    5011.593
 0.25000    6.535844   335.296486     7.320786
348.144363   86.436904    4961.951
 0.50000    6.535844   362.045386     7.320786
348.144363   84.324184    4894.263
 0.75000    6.535844   390.020708     7.320786
348.144363   83.602665    4813.002
 1.00000    6.535844   418.739674     7.320786
348.144363   84.143434    4712.356

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.711512  -319.880001    -4.603703
-423.503508   -13.722186   -877.202376
 0.25000   -3.711512  -291.382224    -4.603703
-423.503508   -14.351911   -929.771548
 0.50000   -3.711512  -263.912125    -4.603703
-423.503508   -15.501196   -982.340721
 0.75000   -3.711512  -237.957412    -4.603703
-423.503508   -17.201592   -1034.910
 1.00000   -3.711512  -214.038163    -4.603703
-423.503508   -19.374838   -1087.479

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.283705   276.526091     8.056749
363.590485   75.917275    4818.238
 0.25000    7.283705   297.372965     8.056749
363.590485   73.564007    4763.868
 0.50000    7.283705   319.674515     8.056749
363.590485   72.192189    4695.021
 0.75000    7.283705   342.998506     8.056749
363.590485   72.036372    4614.951
 1.00000    7.283705   366.944152     8.056749
363.590485   73.096295    4519.610
```

COMB DB-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.370607	-271.854699	-5.957326
-379.890094	-45.790771	-960.355674	
0.25000	-4.370607	-248.093436	-5.957326
-379.890094	-45.289926	-1015.156	
0.50000	-4.370607	-225.190600	-5.957326
-379.890094	-45.778559	-1069.955	
0.75000	-4.370607	-203.551099	-5.957326
-379.890094	-47.331527	-1124.755	
1.00000	-4.370607	-183.608418	-5.957326
-379.890094	-49.811814	-1179.555	

COMB DL-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.069021	32.187459	2.641306
117.993034	4.836201	1081.497	
0.25000	6.069021	32.194327	2.641306
118.006928	6.597014	1070.086	
0.50000	6.069021	32.201747	2.641306
118.022363	8.463751	1058.747	
0.75000	6.069021	32.209586	2.641306
118.038964	10.375219	1047.337	
1.00000	6.069021	32.217698	2.641306
118.056305	12.344536	1036.143	

COMB DL-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.000212	-7.934234	-4.186822
-19.477175	-74.335327	-447.409132	
0.25000	-4.000212	-7.926590	-4.186822
-19.459184	-73.168773	-467.498471	
0.50000	-4.000212	-7.919263	-4.186822
-19.441925	-72.369224	-487.611052	
0.75000	-4.000212	-7.912369	-4.186822
-19.425817	-71.941505	-507.751374	
1.00000	-4.000212	-7.906065	-4.186822
-19.411247	-71.825686	-527.875009	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.280115	71.478966	5.058885
223.344792	6.979505	2190.806	
0.25000	10.280115	71.485830	5.058885
223.358644	8.683484	2165.139	
0.50000	10.280115	71.493247	5.058885
223.374036	10.644586	2139.705	
0.75000	10.280115	71.501081	5.058885
223.390590	12.822562	2114.709	
1.00000	10.280115	71.509188	5.058885
223.407883	15.509484	2090.016	

COMB DL-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.613584	-20.384472	-6.711888
-60.907271	-112.167613	-811.429870	
0.25000	-6.613584	-20.376842	-6.711888
-60.889327	-110.178635	-849.992461	
0.50000	-6.613584	-20.369510	-6.711888
-60.872112	-108.041667	-888.533541	
0.75000	-6.613584	-20.362621	-6.711888
-60.856046	-108.945098	-927.106723	
1.00000	-6.613584	-20.356320	-6.711888
-60.841515	-109.625314	-965.661495	

COMB DL-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.609159	131.799523	5.178332
315.744287	10.832733	3525.844	
0.25000	12.609159	131.997233	5.178332
316.143438	12.21642	3476.642	
0.50000	12.609159	132.210843	5.178332
316.586915	13.974182	3430.385	
0.75000	12.609159	132.436504	5.178332
317.063916	16.068708	3388.283	
1.00000	12.609159	132.669995	5.178332
317.562177	18.594308	3350.007	

COMB DL-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.244364	-49.523332	-6.190825
-151.556085	-100.237658	-1125.577	
0.25000	-7.244364	-49.303565	-6.190825
-151.039049	-98.602423	-1182.823	
0.50000	-7.244364	-49.092394	-6.190825
-150.543060	-97.992835	-1240.045	
0.75000	-7.244364	-48.893949	-6.190825
-150.080147	-98.450595	-1297.321	
1.00000	-7.244364	-48.712464	-6.190825
-149.661476	-99.754872	-1354.711	

COMB DL-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.617137	206.986091	6.575815
321.895106	47.214308	4487.390	
0.25000	13.617137	216.986849	6.575815
338.951525	47.411225	4446.302	
0.50000	13.617137	227.779930	6.575815
358.090948	48.109687	4393.898	
0.75000	13.617137	239.162068	6.575815
378.741163	49.175706	4333.623	
1.00000	13.617137	250.913772	6.575815
400.263475	50.708285	4262.676	

COMB DL-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.599523	-145.942705	-6.459135
-309.832766	-86.630633	-1243.192	
0.25000	-7.599523	-134.920326	-6.459135
-287.151282	-85.599091	-1309.832	
0.50000	-7.599523	-124.306624	-6.459135
-265.320623	-85.495200	-1376.388	
0.75000	-7.599523	-114.318166	-6.459135
-244.986474	-86.308125	-1442.906	
1.00000	-7.599523	-105.175820	-6.459135
-226.732345	-87.839973	-1509.600	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.507617	54.354347	2.402836
126.092345	2.140204	1420.323	
0.25000	4.507617	54.442990	2.402836
126.230871	1.915731	1401.368	
0.50000	4.507617	54.497153	2.402836
126.384783	1.859081	1382.559	
0.75000	4.507617	54.575500	2.402836
126.550332	2.069551	1364.536	
1.00000	4.507617	54.656566	2.402836
126.723258	2.829799	1346.611	

COMB DL-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.536257	-20.227240	-2.238109
-66.470109	-29.965656	-426.098476	
0.25000	-2.536257	-20.159940	-2.238109
-66.290660	-29.192000	-448.731882	
0.50000	-2.536257	-20.077625	-2.238109
-66.118518	-28.943796	-471.341213	
0.75000	-2.536257	-20.008727	-2.238109
-65.957851	-29.717160	-493.956440	
1.00000	-2.536257	-19.945718	-2.238109
-65.812544	-30.941974	-516.559135	

COMB DL-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.035248	144.620301	3.249328
257.020661	18.728555	3220.108	
0.25000	8.035248	144.627168	3.249328
257.034548	18.122777	3160.641	
0.50000	8.035248	144.634587	3.249328
257.049976	17.854680	3110.422	
0.75000	8.035248	144.642426	3.249328
257.066569	17.917227	3074.564	
1.00000	8.035248	144.650537	3.249328
257.083902	18.415846	3049.398	

COMB DL-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.759032	-68.067686	-2.400103
-199.561495	-26.041049	-846.553189	
0.25000	-3.759032	-68.060052	-2.400103
-199.543511	-25.612726	-893.975746	
0.50000	-3.759032	-68.052716	-2.400103
-199.526260	-25.919307	-941.288956	
0.75000	-3.759032	-68.045855	-2.400103
-199.510159	-27.050057	-988.750817	
1.00000	-3.759032	-68.039519	-2.400103
-199.495595	-28.735610	-1036.137	

COMB DL-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.918705	158.282181	5.159651
326.612285	19.859369	3820.233	
0.25000	11.918705	158.288362	5.159651
326.624783	20.264532	3756.145	
0.50000	11.918705	158.295039	5.159651
326.638668	21.066261	3700.477	
0.75000	11.918705	158.302094	5.159651
326.653602	22.198727	3657.729	
1.00000	11.918705	158.309394	5.159651
326.669202	23.700527	3624.904	

COMB DL-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.464938	-68.249660	-5.276428
-199.047439	-77.675687	-1120.311	
0.25000	-6.464938	-68.242789	-5.276428
-199.031254	-76.449327	-1179.577	
0.50000	-6.464938	-68.236187	-5.276428
-199.015728	-76.204520	-1255.547	
0.75000	-6.464938	-68.229983	-5.276428
-199.001236	-76.990615	-1315.278	
1.00000	-6.464938	-68.224310	-5.276428
-198.988130	-78.523233	-1405.987	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.461816	242.219203	7.327707
301.218290	66.765254	4905.641	
0.25000	13.461816	257.363491	7.327707
302.614129	65.798052	4873.745	
0.50000	13.461816	273.678917	7.327707
324.002683	65.452290	4820.546	
0.75000	13.461816	290.842659	7.327707
347.158360	65.681278	4748.638	
1.00000	13.461816	308.504824	7.327707
371.171279	66.268236	4657.436	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.500688	-194.083691	-6.109042
-340.428976	-67.544124	-1250.147	
0.25000	-7.500688	-177.602699	-6.109042
-314.155472	-67.104093	-1319.369	
0.50000	-7.500688	-161.689494	-6.109042
-289.381376	-67.594008	-1388.543	
0.75000	-7.500688	-146.677420	-6.109042
-265.064404	-68.967780	-1472.038	
1.00000	-7.500688	-132.920807	-6.109042
-259.640276	-70.971197	-1567.445	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.684334	174.649508	5.303053
139.616775	86.741665	2731.850	
0.25000	5.684334	193.909667	5.303053
139.616775	84.091946	2748.946	
0.50000	5.684334	214.587486	5.303053
139.612271	82.221126	2732.147	
0.75000	5.684334	236.239381	5.303053
138.856075	81.077952	2680.917	
1.00000	5.684334	258.367001	5.303053
136.867869	80.505754	2596.984	

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.616217	-197.131153	-3.025383
-257.718839	-4.820458	-487.533496	
0.25000	-3.616217	-176.684543	-3.025383
-262.057644	-5.840313	-518.262272	
0.50000	-3.616217	-156.838006	-3.025383
-266.392037	-7.097905	-549.024195	
0.75000	-3.616217	-138.029296	-3.025383
-269.974646	-8.450557	-579.732154	
1.00000	-3.616217	-120.758201	-3.025383
-272.325244	-9.819365	-610.234276	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.055667	271.734632	7.093811
237.225856	118.066000	4435.834	
0.25000	9.055667	293.990832	7.093811
237.225856	114.612675	4421.072	
0.50000	9.055667	317.900137	7.093811
237.225856	111.996187	4376.481	
0.75000	9.055667	342.965173	7.093811
237.225856	110.192983	4308.206	
1.00000	9.055667	368.621296	7.093811
236.873892	109.039035	4212.174	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.966057	-268.015340	-4.066740
-386.234300	-8.598053	-860.269536	
0.25000	-4.966057	-244.248464	-4.066740
-386.714315	-9.756351	-913.634785	
0.50000	-4.966057	-221.213679	-4.066740
-387.194330	-11.218875	-974.430569	
0.75000	-4.966057	-199.406722	-4.066740
-387.674345	-12.829600	-1028.043	
1.00000	-4.966057	-179.384873	-4.066740
-387.802366	-14.461959	-1081.409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.685286	296.910153	7.487175
317.465405	103.172127	5329.931	
0.25000	11.685286	317.306966	7.487175
317.465405	100.195278	5300.085	
0.50000	11.685286	339.220048	7.487175
317.465405	98.149329	5242.614	
0.75000	11.685286	362.195762	7.487175
317.465405	96.975984	5162.066	
1.00000	11.685286	385.717946	7.487175
317.529997	96.473086	5056.773	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.170857	-262.698327	-4.426490
-411.982303	-16.842202	-1145.235	
0.25000	-6.170857	-240.901370	-4.426490
-411.898725	-17.657598	-1213.448	
0.50000	-6.170857	-219.779792	-4.426490
-411.815148	-19.299283	-1281.677	
0.75000	-6.170857	-199.786738	-4.426490
-411.731570	-21.599028	-1349.976	
1.00000	-6.170857	-181.432660	-4.426490
-411.712582	-24.213853	-1417.979	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.488844	274.385117	8.253927
347.524265	88.011495	5278.015	
0.25000	13.488844	291.388651	8.253927
347.524265	85.875545	5243.063	
0.50000	13.488844	309.656245	8.253927
347.524265	84.630966	5185.158	
0.75000	13.488844	328.809803	8.253927
347.524265	84.201478	5108.032	
1.00000	13.488844	348.419078	8.253927
347.591700	84.503734	5010.311	

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.578513	-226.215089	-6.114954
-366.205157	-53.838967	-1280.283	
0.25000	-7.578513	-208.043821	-6.114954
-366.118074	-53.876342	-1352.634	
0.50000	-7.578513	-190.435724	-6.114954
-366.030991	-54.887864	-1424.993	
0.75000	-7.578513	-173.776513	-6.114954
-365.943908	-56.807008	-1497.348	
1.00000	-7.578513	-158.467645	-6.114954
-365.924258	-59.302251	-1569.505	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.344984	310.292587	8.056749
363.590485	103.215463	5011.593	
0.25000	7.344984	335.296486	8.056749
363.590485	98.946046	4961.951	
0.50000	7.344984	362.045386	8.056749
363.590485	95.970196	4894.263	
0.75000	7.344984	390.020708	8.056749
383.541167	94.520330	4813.002	
1.00000	7.344984	418.739674	8.056749
414.518664	94.406182	4712.356	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.370607	-331.494737	-5.957326
-423.503508	-96.636938	-960.355674	
0.25000	-4.370607	-300.471794	-5.957326
-423.503508	-94.003466	-1015.156	
0.50000	-4.370607	-270.516550	-5.957326
-423.503508	-92.653960	-1069.955	
0.75000	-4.370607	-242.217019	-5.957326
-423.503508	-92.768782	-1124.755	
1.00000	-4.370607	-216.144319	-5.957326
-423.503508	-94.246964	-1179.555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.617137	296.910153	8.253927
347.524265	118.066000	5329.931	
0.25000	13.617137	317.306966	8.253927
347.524265	114.612675	5300.085	
0.50000	13.617137	339.220048	8.253927
358.090948	111.996187	5242.614	
0.75000	13.617137	362.195762	8.253927
378.741163	110.192983	5162.066	
1.00000	13.617137	385.717946	8.253927
400.263475	109.039035	5056.773	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.599523	-268.015340	-6.711888
-411.982303	-112.167613	-1280.283	
0.25000	-7.599523	-244.248464	-6.711888
-411.898725	-110.178635	-1352.634	
0.50000	-7.599523	-221.213679	-6.711888
-411.815148	-109.046667	-1424.993	
0.75000	-7.599523	-199.786738	-6.711888
-411.731570	-108.945098	-1497.348	
1.00000	-7.599523	-181.432660	-6.711888
-411.712582	-109.625314	-1569.505	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.617137	310.292587	8.253927
363.590485	118.066000	5329.931	
0.25000	13.617137	335.296486	8.253927
363.590485	114.612675	5300.085	
0.50000	13.617137	362.045386	8.253927
363.590485	111.996187	5242.614	
0.75000	13.617137	390.020708	8.253927
383.541167	110.192983	5162.066	
1.00000	13.617137	418.739674	8.253927
414.518664	109.039035	5056.773	

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.599523	-331.494737	-6.711888
-423.503508	-112.167613	-1280.283	
0.25000	-7.599523	-300.471794	-6.711888
-423.503508	-110.178635	-1352.634	
0.50000	-7.599523	-270.516550	-6.711888
-423.503508	-109.046667	-1424.993	
0.75000	-7.599523	-242.217019	-6.711888
-423.503508	-108.945098	-1497.348	
1.00000	-7.599523	-216.144319	-6.711888
-423.503508	-109.625314	-1569.505	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.617137	310.292587	8.253927
363.590485	118.066000	5329.931	
0.25000	13.617137	335.296486	8.253927
363.590485	114.612675	5300.085	
0.50000	13.617137	362.045386	8.253927
363.590485	111.996187	5242.614	
0.75000	13.617137	390.020708	8.253927
383.541167	110.192983	5162.066	
1.00000	13.617137	418.739674	8.253927
414.518664	109.039035	5056.773	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.599523	-331.494737	-6.711888
-423.503508	-112.167613	-1280.283	
0.25000	-7.599523	-300.471794	-6.711888
-423.503508	-110.178635	-1352.634	
0.50000	-7.599523	-270.516550	-6.711888
-423.503508	-109.046667	-1424.993	
0.75000	-7.599523	-242.217019	-6.711888
-423.503508	-108.945098	-1497.348	
1.00000	-7.599523	-216.144319	-6.711888
-423.503508	-109.625314	-1569.505	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 117 ================== LENGTH = 4.928122

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.695728	36.106024	1.375782
188.411064	0.517671	749.743338	
0.25000	2.695728	36.118302	1.375782
188.435234	11.805174	710.510441	
0.50000	2.695728	36.131314	1.375782
188.466479	14.113787	671.853641	
0.75000	2.695728	36.144852	1.375782
188.499169	16.435131	634.196406	
1.00000	2.695728	36.160062	1.375782
188.537086	18.766540	597.185015	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.543775	-4.225689	-4.479467
-1.421830	-60.502770	-397.551713	
0.25000	-2.543775	-4.210570	-4.479467
-1.381914	-57.148637	-407.437781	
0.50000	-2.543775	-4.197267	-4.479467
-1.347815	-54.385729	-417.362866	
0.75000	-2.543775	-4.184933	-4.479467
-1.315466	-52.252545	-427.287971	
1.00000	-2.543775	-4.172871	-4.479467
-1.285421	-50.795543	-437.213077	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.769194	81.107893	3.454283
341.820348	11.585751	1564.668	
0.25000	4.769194	81.120165	3.454283
341.844277	14.307869	1481.866	
0.50000	4.769194	81.133171	3.454283
341.875467	17.199793	1400.350	
0.75000	4.769194	81.146703	3.454283
341.908103	20.110466	1326.455	
1.00000	4.769194	81.161903	3.454283
341.945950	23.038971	1253.533	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.079113	-8.904496	-6.973533
-12.950814	-94.517530	-731.582677	
0.25000	-4.079113	-8.889396	-6.973533
-12.910972	-89.929345	-753.605601	
0.50000	-4.079113	-8.876099	-6.973533
-12.876930	-86.564114	-775.682890	
0.75000	-4.079113	-8.863471	-6.973533
-12.844638	-84.589500	-797.760747	
1.00000	-4.079113	-8.851715	-6.973533
-12.814650	-83.998089	-819.838603	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.346472	146.970446	3.942362
440.564481	13.338186	2616.422	
0.25000	6.346472	146.981491	3.942362
440.586061	15.490814	2475.150	
0.50000	6.346472	146.993198	3.942362
440.614142	17.762649	2345.875	
0.75000	6.346472	147.005378	3.942362
440.643524	20.058149	2230.479	
1.00000	6.346472	147.019059	3.942362
440.677599	22.394038	2129.283	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.397418	-23.369909	-6.354079
-94.876800	-86.292114	-1017.616	
0.25000	-4.397418	-23.356318	-6.354079
-94.840929	-82.505950	-1054.936	
0.50000	-4.397418	-23.344349	-6.354079
-94.810280	-80.103237	-1092.306	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-4.397418	-23.332983	-6.354079
-94.781207	-79.123705	-1129.676	
1.00000	-4.397418	-23.322401	-6.354079
-94.754208	-79.502433	-1167.047	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.980719	246.165955	5.774872
410.683698	41.362603	3656.673	
0.25000	6.980719	257.643816	5.774872
427.705688	41.359393	3505.023	
0.50000	6.980719	269.836465	5.774872
445.459315	41.773529	3353.763	
0.75000	6.980719	282.536175	5.774872
468.281693	42.702695	3207.831	
1.00000	6.980719	296.504755	5.774872
499.602410	44.097141	3063.852	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.742727	-134.931517	-6.306130
-310.648613	-75.438908	-1150.129	
0.25000	-4.742727	-121.063132	-6.306130
-277.694369	-72.849149	-1198.834	
0.50000	-4.742727	-108.598812	-6.306130
-249.121568	-71.412214	-1247.606	
0.75000	-4.742727	-96.781320	-6.306130
-227.385294	-71.157832	-1296.389	
1.00000	-4.742727	-85.811648	-6.306130
-204.643794	-72.043598	-1345.173	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.395369	63.412651	2.257237
173.901710	1.742890	1094.893	
0.25000	2.395369	63.547676	2.257237
174.166525	1.925552	1036.774	
0.50000	2.395369	63.690784	2.257237
174.509981	2.217696	982.399497	
0.75000	2.395369	63.839676	2.257237
174.869331	2.520300	933.069978	
1.00000	2.395369	64.006940	2.257237
175.286112	2.866624	888.748913	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.411624	-8.729439	-2.149959
-36.340938	-28.635789	-398.086086	
0.25000	-1.411624	-8.563275	-2.149959
-35.902191	-27.887371	-414.399507	
0.50000	-1.411624	-8.416968	-2.149959
-35.527349	-27.737894	-430.713134	
0.75000	-1.411624	-8.278021	-2.149959
-35.171760	-28.355549	-447.026781	
1.00000	-1.411624	-8.148660	-2.149959
-34.841520	-29.724114	-463.340428	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.645307	165.871455	3.368979
310.104014	13.979831	2607.483	
0.25000	4.645307	165.883729	3.368979
310.128039	13.911127	2457.462	
0.50000	4.645307	165.896738	3.368979
310.159252	12.643491	2331.085	
0.75000	4.645307	165.910272	3.368979
310.191909	12.225044	2236.250	
1.00000	4.645307	165.925476	3.368979
310.229784	11.990403	2168.728	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.138677	-42.475097	-2.199891
-174.016747	-26.445309	-790.540612	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1468

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-2.138677	-42.459994	-2.199891
-173.976876	-26.776273	-827.463052	
0.50000	-2.138677	-42.446694	-2.199891
-173.942811	-26.793246	-864.391565	
0.75000	-2.138677	-42.434064	-2.199891
-173.910496	-28.158081	-901.334777	
1.00000	-2.138677	-42.422305	-2.199891
-173.880486	-30.220299	-938.277989	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.304795	180.831327	4.474545
429.436821	18.059759	2989.466	
0.25000	6.304795	180.842373	4.474545
429.458444	18.824316	2820.722	
0.50000	6.304795	180.854081	4.474545
429.486536	19.753578	2673.558	
0.75000	6.304795	180.866262	4.474545
429.515927	20.825378	2555.758	
1.00000	6.304795	180.879946	4.474545
429.550015	22.073611	2463.377	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.847761	-41.604251	-5.232078
-157.192115	-68.508098	-1032.678	
0.25000	-3.847761	-41.590657	-5.232078
-157.156231	-66.061098	-1074.814	
0.50000	-3.847761	-41.578688	-5.232078
-157.125572	-64.862474	-1117.005	
0.75000	-3.847761	-41.567320	-5.232078
-157.096489	-64.947233	-1159.210	
1.00000	-3.847761	-41.556737	-5.232078
-157.069480	-66.201754	-1201.414	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.905021	292.968538	7.075934
357.906657	55.909741	4110.447	
0.25000	6.905021	310.575104	7.075934
357.906657	54.115001	3965.652	
0.50000	6.905021	329.336243	7.075934
372.735774	52.954049	3810.856	
0.75000	6.905021	348.907517	7.075934
396.584149	52.689468	3649.750	
1.00000	6.905021	369.810618	7.075934
419.079977	53.116181	3479.780	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.793470	-191.967186	-5.623692
-351.745746	-60.964438	-1166.175	
0.25000	-4.793470	-171.231929	-5.623692
-330.277573	-59.767219	-1219.725	
0.50000	-4.793470	-152.054600	-5.623692
-306.117013	-59.610451	-1273.368	
0.75000	-4.793470	-133.913803	-5.623692
-283.639935	-60.530112	-1327.019	
1.00000	-4.793470	-117.142834	-5.623692
-283.639935	-62.417852	-1380.671	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.896433	223.524492	5.857365
70.175148	71.345379	2566.586	
0.25000	2.896433	246.002012	5.857365
70.175148	67.070210	2539.793	
0.50000	2.896433	270.114498	5.857365
70.175148	63.851900	2482.453	
0.75000	2.896433	295.341709	5.857365
70.175148	61.757992	2391.599	
1.00000	2.896433	320.716169	5.857365
70.175148	60.751382	2267.825	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1469

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.754443	-224.889475	-2.236094
-366.191333	-6.762684	-468.423016	
0.25000	-2.754443	-199.765679	-2.236094
-366.191333	-8.284643	-497.067072	
0.50000	-2.754443	-175.125020	-2.236094
-366.191333	-9.807388	-525.741304	
0.75000	-2.754443	-151.918911	-2.236094
-366.191333	-11.331307	-554.451426	
1.00000	-2.754443	-130.650343	-2.236094
-366.191333	-12.856369	-583.161549	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.828086	338.012686	7.752668
155.660666	93.843110	4087.579	
0.25000	4.828086	364.888665	7.752668
155.660666	88.036060	3987.613	
0.50000	4.828086	393.650677	7.752668
155.660666	83.580163	3868.560	
0.75000	4.828086	423.718785	7.752668
155.660666	80.610854	3733.211	
1.00000	4.828086	454.501308	7.752668
155.660666	79.022153	3575.786	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.617850	-294.549622	-3.098780
-498.616809	-10.397360	-821.962412	
0.25000	-3.617850	-264.053618	-3.098780
-498.616809	-12.289763	-870.087997	
0.50000	-3.617850	-234.657331	-3.098780
-498.616809	-14.195853	-918.271312	
0.75000	-3.617850	-206.938440	-3.098780
-498.616809	-16.120048	-966.501212	
1.00000	-3.617850	-181.458207	-3.098780
-498.616809	-18.059600	-1014.731	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.366654	364.473465	8.203116
278.364305	83.305335	4712.889	
0.25000	6.366654	389.127064	8.203116
278.364305	78.227789	4570.622	
0.50000	6.366654	415.504384	8.203116
278.364305	74.294559	4412.902	
0.75000	6.366654	443.077329	8.203116
278.364305	71.680285	4244.132	
1.00000	6.366654	471.355302	8.203116
278.364305	70.301585	4061.349	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.178245	-274.748578	-3.411196
-491.983119	-19.632850	-1087.373	
0.25000	-4.178245	-246.132215	-3.411196
-491.983119	-21.348847	-1146.120	
0.50000	-4.178245	-219.772814	-3.411196
-491.983119	-23.548576	-1204.919	
0.75000	-4.178245	-194.348610	-3.411196
-491.983119	-26.187546	-1263.756	
1.00000	-4.178245	-170.970748	-3.411196
-491.983119	-29.221539	-1322.593	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.058808	334.227390	8.348588
359.378843	72.280533	4519.729	
0.25000	7.058808	354.782249	8.348588
359.378843	68.841820	4370.078	
0.50000	7.058808	376.774043	8.348588
359.378843	66.431307	4208.508	
0.75000	7.058808	399.762603	8.348588
359.378843	65.121946	4028.632	
1.00000	7.058808	423.340631	8.348588
359.378843	64.836348	3857.689	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1470

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.971715	-231.763487	-5.275650
-411.205477	-50.147254	-1179.510	
0.25000	-4.971715	-208.403535	-5.275650
-411.205477	-50.099257	-1231.738	
0.50000	-4.971715	-185.926425	-5.275650
-411.205477	-50.950956	-1294.729	
0.75000	-4.971715	-164.729163	-5.275650
-411.205477	-52.770582	-1352.407	
1.00000	-4.971715	-145.237793	-5.275650
-411.205477	-55.437020	-1410.085	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.360423	52.024266	1.319977
231.415733	12.767087	1035.455	
0.25000	6.360423	52.113738	1.319977
231.429158	15.612011	994.070021	
0.50000	6.360423	52.038954	1.319977
231.444126	18.480440	952.689382	
0.75000	6.360423	52.046978	1.319977
231.460274	21.380911	911.758024	
1.00000	6.360423	52.055265	1.319977
231.477155	24.301678	870.898828	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.544941	-5.954582	-6.214288
-1.523964	-72.513129	-527.859065	
0.25000	-4.544941	-5.947215	-6.214288
-1.505269	-68.613776	-541.549349	
0.50000	-4.544941	-5.940157	-6.214288
-1.487308	-64.943816	-555.211277	
0.75000	-4.544941	-5.933542	-6.214288
-1.470527	-61.585125	-568.892151	
1.00000	-4.544941	-5.927514	-6.214288
-1.455312	-58.574070	-582.560393	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.633826	111.080073	3.314854
402.769622	16.166326	2088.884	
0.25000	10.633826	111.087141	3.314854
402.783004	19.517971	2002.326	
0.50000	10.633826	111.094753	3.314854
402.797927	22.940939	1917.003	
0.75000	10.633826	111.102973	3.314854
402.814028	26.429149	1833.371	
1.00000	10.633826	111.111055	3.314854
402.830858	30.061988	1750.266	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.493758	-12.207162	-8.882776
-10.088899	-111.041879	-965.707278	
0.25000	-7.493758	-12.199800	-8.882776
-10.070250	-106.179226	-995.490681	
0.50000	-7.493758	-12.192747	-8.882776
-10.052332	-101.944159	-1027.260	
0.75000	-7.493758	-12.186136	-8.882776
-10.035593	-98.646631	-1055.073	
1.00000	-7.493758	-12.180112	-8.882776
-10.020414	-96.017336	-1084.863	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.824861	190.985681	3.753977
493.175816	18.985431	3348.816	
0.25000	12.824861	191.189260	3.753977
493.561417	21.711128	3209.171	
0.50000	12.824861	191.408498	3.753977
493.991430	24.564980	3071.712	
0.75000	12.824861	191.639481	3.753977
494.455351	27.489832	2939.023	
1.00000	12.824861	191.878046	3.753977
494.940295	30.558295	2811.125	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1471

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.095329	-29.101241	-8.057216
-82.560479	-101.322961	-1354.736	
0.25000	-8.095329	-28.889189	-8.057216
-82.023167	-97.503965	-1405.171	
0.50000	-8.095329	-28.686036	-8.057216
-81.506918	-94.377746	-1455.578	
0.75000	-8.095329	-28.495627	-8.057216
-81.024646	-92.092492	-1506.006	
1.00000	-8.095329	-28.322115	-8.057216
-80.587318	-90.490486	-1556.474	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.821394	275.633625	5.979345
448.161944	50.405836	4261.945	
0.25000	13.821394	285.942501	5.979345
464.347437	51.086753	4114.829	
0.50000	13.821394	297.029462	5.979345
482.659091	52.008468	3955.099	
0.75000	13.821394	308.693812	5.979345
502.469004	53.063862	3788.531	
1.00000	13.821394	320.708890	5.979345
523.136369	54.369852	3612.815	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.506381	-116.093978	-7.716539
-291.502741	-88.830826	-1509.577	
0.25000	-8.506381	-105.476949	-7.716539
-267.633652	-86.427229	-1573.528	
0.50000	-8.506381	-95.286320	-7.716539
-244.652903	-84.621248	-1637.596	
0.75000	-8.506381	-85.721711	-7.716539
-223.165565	-83.534255	-1701.556	
1.00000	-8.506381	-76.999920	-7.716539
-203.809085	-83.055484	-1765.471	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.512518	78.301296	2.115877
183.445396	2.989376	1346.194	
0.25000	4.512518	78.371977	2.115877
183.579215	3.248634	1288.549	
0.50000	4.512518	78.448095	2.115877
183.728449	3.554596	1233.134	
0.75000	4.512518	78.528290	2.115877
183.889453	3.907479	1178.822	
1.00000	4.512518	78.611117	2.115877
184.057753	4.372194	1125.752	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.841668	-10.080762	-2.130773
-26.711263	-31.703945	-516.576671	
0.25000	-2.841668	-10.021441	-2.130773
-26.524772	-31.167536	-537.823451	
0.50000	-2.841668	-9.936610	-2.130773
-26.345590	-31.108895	-559.119876	
0.75000	-2.841668	-9.870503	-2.130773
-26.178202	-31.909272	-580.402404	
1.00000	-2.841668	-9.810257	-2.130773
-26.026415	-32.994154	-601.651854	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.933563	194.428218	3.300917
310.318367	18.118556	3048.541	
0.25000	7.933563	194.435289	3.300917
310.331785	17.646482	2912.411	
0.50000	7.933563	194.442904	3.300917
310.346746	17.247679	2783.742	
0.75000	7.933563	194.450927	3.300917
310.362886	16.919219	2661.503	
1.00000	7.933563	194.459214	3.300917
310.379758	16.755376	2568.859	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1472

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.096779	-42.842312	-2.205356
-147.004301	-29.535392	-1036.116	
0.25000	-4.096779	-42.834945	-2.205356
-146.985614	-29.839764	-1084.412	
0.50000	-4.096779	-42.827888	-2.205356
-146.967661	-30.619768	-1132.666	
0.75000	-4.096779	-42.821274	-2.205356
-146.950888	-31.998178	-1180.950	
1.00000	-4.096779	-42.815246	-2.205356
-146.935678	-33.732256	-1229.218	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.010116	220.328366	4.328436
461.315533	23.747674	3623.966	
0.25000	12.010116	220.334730	4.328436
461.327609	25.015858	3464.975	
0.50000	12.010116	220.341584	4.328436
461.341074	26.372178	3313.256	
0.75000	12.010116	220.348804	4.328436
461.355600	27.806073	3175.721	
1.00000	12.010116	220.356263	4.328436
461.370785	29.383625	3048.817	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.183763	-43.345149	-6.205376
-133.215889	-79.871895	-1406.013	
0.25000	-7.183763	-43.338519	-6.205376
-133.199071	-77.717822	-1462.308	
0.50000	-7.183763	-43.332168	-6.205376
-133.182912	-76.230336	-1518.569	
0.75000	-7.183763	-43.326215	-6.205376
-133.167817	-75.545750	-1574.862	
1.00000	-7.183763	-43.320790	-6.205376
-133.154128	-75.417489	-1631.157	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.615027	314.220149	7.533114
384.527902	65.521631	4657.108	
0.25000	13.615027	329.859154	7.533114
384.560188	64.251323	4513.156	
0.50000	13.615027	346.644872	7.533114
398.902352	63.277121	4347.587	
0.75000	13.615027	364.251985	7.533114
420.391639	62.561544	4164.441	
1.00000	13.615027	382.342453	7.533114
442.723410	62.228905	3962.549	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.400716	-159.136326	-6.402141
-355.958291	-71.618366	-1567.431	
0.25000	-8.400716	-143.317301	-6.402141
-328.402455	-71.040400	-1637.840	
0.50000	-8.400716	-128.081197	-6.402141
-300.826794	-71.042754	-1708.217	
0.75000	-8.400716	-113.758553	-6.402141
-275.447572	-71.713538	-1778.878	
1.00000	-8.400716	-100.669945	-6.402141
-270.221886	-72.900102	-1849.210	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.974170	206.595238	6.936601
56.026406	79.245267	2597.830	
0.25000	5.974170	226.540125	6.936601
56.026406	74.764844	2563.774	
0.50000	5.974170	247.881974	6.936601
56.026406	70.902299	2496.235	
0.75000	5.974170	270.149207	6.936601
56.026406	67.705532	2394.903	
1.00000	5.974170	292.861505	6.936601
56.026406	65.115878	2260.688	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1473

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.135244	-175.250286	-2.138411
-371.397473	-9.056872	-617.197555	
0.25000	-4.135244	-155.767113	-2.138411
-376.286123	-11.226466	-646.724961	
0.50000	-4.135244	-136.867549	-2.138411
-380.624520	-13.499458	-683.267275	
0.75000	-4.135244	-119.052608	-2.138411
-384.962775	-15.789318	-720.183410	
1.00000	-4.135244	-102.737420	-2.138411
-389.301005	-18.131296	-757.361058	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.280992	326.898478	9.162157
140.068494	107.220671	4213.174	
0.25000	9.280992	349.933051	9.162157
140.068494	101.549288	4112.057	
0.50000	9.280992	374.581204	9.162157
140.068494	96.536757	3979.000	
0.75000	9.280992	400.352730	9.162157
140.068494	92.233135	3823.756	
1.00000	9.280992	426.670067	9.162157
140.068494	88.626302	3641.603	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.607377	-232.167646	-3.034806
-509.682983	-13.506690	-1081.325	
0.25000	-5.607377	-209.485242	-3.034806
-510.162945	-16.214095	-1143.603	
0.50000	-5.607377	-187.534564	-3.034806
-510.642988	-19.240344	-1205.857	
0.75000	-5.607377	-166.831854	-3.034806
-511.122869	-21.891139	-1268.509	
1.00000	-5.607377	-147.886926	-3.034806
-511.602831	-24.839510	-1330.762	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.823955	368.006355	9.240088
266.527226	94.855555	5057.373	
0.25000	11.823955	389.114539	9.240088
266.527226	89.962791	4914.076	
0.50000	11.823955	411.702879	9.240088
266.527226	85.672396	4744.812	
0.75000	11.823955	435.324280	9.240088
266.527226	81.990449	4552.855	
1.00000	11.823955	459.450760	9.240088
266.527226	78.918842	4336.090	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.885809	-219.612415	-3.321263
-491.750263	-23.919825	-1417.910	
0.25000	-6.885809	-198.806148	-3.321263
-491.666694	-26.546976	-1493.572	
0.50000	-6.885809	-178.674953	-3.321263
-491.583199	-29.580387	-1569.181	
0.75000	-6.885809	-159.690736	-3.321263
-491.499557	-33.031584	-1645.208	
1.00000	-6.885809	-142.318501	-3.321263
-491.415988	-36.711794	-1720.843	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.709759	349.142756	9.171714
371.616728	83.392052	5010.594	
0.25000	13.709759	366.739250	9.171714
371.616728	80.248767	4858.451	
0.50000	13.709759	385.569702	9.171714
371.616728	77.626551	4683.666	
0.75000	13.709759	405.261470	9.171714
371.616728	75.537559	4491.064	
1.00000	13.709759	425.374451	9.171714
371.616728	74.027408	4278.214	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1474

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.498341	-187.115198	-5.698235
-411.203019	-59.641152	-1569.480	
0.25000	-8.498341	-169.769701	-5.698235
-411.115946	-60.485916	-1649.040	
0.50000	-8.498341	-152.987117	-5.698235
-411.028934	-61.919138	-1732.317	
0.75000	-8.498341	-137.160806	-5.698235
-410.941799	-64.006878	-1808.173	
1.00000	-8.498341	-122.678336	-5.698235
-410.854726	-66.567779	-1883.715	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.058808	364.473465	8.348588
440.564481	93.843110	4712.889	
0.25000	7.058808	389.127064	8.348588
440.586061	88.036060	4570.622	
0.50000	7.058808	415.504384	8.348588
445.459315	83.580163	4412.902	
0.75000	7.058808	443.077329	8.348588
468.281693	80.610854	4244.132	
1.00000	7.058808	471.355302	8.348588
499.602410	79.022153	4061.349	

COMB DB ---------- MIN

```
 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.971715 -294.549622   -6.973533
-498.616809  -94.517530  -1179.510
 0.25000   -4.971715 -264.053618   -6.973533
-498.616809  -89.929345  -1237.082
 0.50000   -4.971715 -234.657331   -6.973533
-498.616809  -86.564114  -1294.729
 0.75000   -4.971715 -206.938440   -6.973533
-498.616809  -84.589500  -1352.407
 1.00000   -4.971715 -181.458207   -6.973533
-498.616809  -83.998089  -1410.085

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.821394  368.006355    9.240088
493.175816  107.220671   5057.373
 0.25000   13.821394  389.114539    9.240088
493.561417  101.549288   4914.976
 0.50000   13.821394  411.702879    9.240088
493.991430   96.536757   4744.812
 0.75000   13.821394  435.324280    9.240088
502.469004   92.233135   4552.855
 1.00000   13.821394  459.450760    9.240088
523.136369   88.626302   4336.090

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.506381 -232.167646   -8.882776
-509.682983 -111.041879  -1569.480
 0.25000   -8.506381 -209.485242   -8.882776
-510.162945 -106.179226  -1649.040
 0.50000   -8.506381 -187.534564   -8.882776
-510.642988 -101.944159  -1732.317
 0.75000   -8.506381 -166.831864   -8.882776
-511.122869  -98.646631  -1808.173
 1.00000   -8.506381 -147.886926   -8.882776
-511.602831  -96.017336  -1883.715

 COMB       CAR ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.821394  368.006355    9.240088
493.175816  107.220671   5057.373
 0.25000   13.821394  389.127064    9.240088
493.561417  101.549288   4914.976
 0.50000   13.821394  415.504384    9.240088
493.991430   96.536757   4744.812
 0.75000   13.821394  443.077329    9.240088
502.469004   92.233135   4552.855
 1.00000   13.821394  471.355302    9.240088
523.136369   88.626302   4336.090
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1475

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB       CAR ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.506381 -294.549622   -8.882776
-509.682983 -111.041879  -1569.480
 0.25000   -8.506381 -264.053618   -8.882776
-510.162945 -106.179226  -1649.040
 0.50000   -8.506381 -234.657331   -8.882776
-510.642988 -101.944159  -1732.317
 0.75000   -8.506381 -206.938440   -8.882776
-511.122869  -98.646631  -1808.173
 1.00000   -8.506381 -181.458207   -8.882776
-511.602831  -96.017336  -1883.715

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.821394  368.006355    9.240088
493.175816  107.220671   5057.373
 0.25000   13.821394  389.127064    9.240088
493.561417  101.549288   4914.976
 0.50000   13.821394  415.504384    9.240088
493.991430   96.536757   4744.812
 0.75000   13.821394  443.077329    9.240088
502.469004   92.233135   4552.855
 1.00000   13.821394  471.355302    9.240088
523.136369   88.626302   4336.090

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.506381 -294.549622   -8.882776
-509.682983 -111.041879  -1569.480
 0.25000   -8.506381 -264.053618   -8.882776
-510.162945 -106.179226  -1649.040
 0.50000   -8.506381 -234.657331   -8.882776
-510.642988 -101.944159  -1732.317
 0.75000   -8.506381 -206.938440   -8.882776
-511.122869  -98.646631  -1808.173
 1.00000   -8.506381 -181.458207   -8.882776
-511.602831  -96.017336  -1883.715

 ELEM      118 ================== LENGTH
=     4.927799

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.965317   48.451942    0.357233
262.704031   18.793128  596.209325
 0.25000    2.965317   48.464112    0.357233
262.725159   21.118366  541.088706
 0.50000    2.965317   48.476978    0.357233
262.752636   23.482367  486.888892
 0.75000    2.965317   48.490335    0.357233
262.785862   25.886608  434.076510
 1.00000    2.965317   48.505344    0.357233
262.824294   28.256299  382.835310

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.901372   -3.629741   -5.323649
-26.204861  -51.216465  -437.166427
 0.25000   -2.901372   -3.614836   -5.323649
-26.164272  -46.421654  -438.320934
 0.50000   -2.901372   -3.601750   -5.323649
-26.129532  -42.176942  -439.708395
 0.75000   -2.901372   -3.588356   -5.323649
-26.096545  -38.540170  -441.160222
 1.00000   -2.901372   -3.577849   -5.323649
-26.065813  -35.526282  -442.656554

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.847382  106.505092    1.300421
459.734529   22.982498   1251.912
 0.25000    4.847382  106.517256    1.300421
459.755617   26.350513   1134.677
 0.50000    4.847382  106.530117    1.300421
459.782814   29.797314   1021.506
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1476

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000    4.847382  106.543468    1.300421
459.815985   33.266617   913.327710
 1.00000    4.847382  106.558467    1.300421
459.854347   36.761760   810.292961

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.651495   -7.267465   -8.320871
-36.648277  -84.813407  -819.784091
 0.25000   -4.651495   -7.252570   -8.320871
-36.607762  -77.954637  -829.359180
 0.50000   -4.651495   -7.239490   -8.320871
-36.573080  -72.189319  -839.176005
 0.75000   -4.651495   -7.227102   -8.320871
-36.540151  -67.702765  -849.163397
 1.00000   -4.651495   -7.215602   -8.320871
-36.509477  -64.424514  -859.150833

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.163013  186.365755    1.818989
556.128153   21.767046   2127.601
 0.25000    6.163013  186.376704    1.818989
556.147139   24.286704   1931.120
 0.50000    6.163013  186.388289    1.818989
556.171667   27.176190   1746.786
 0.75000    6.163013  186.400297    1.818989
556.201531   30.087336   1578.530
 1.00000    6.163013  186.413798    1.818989
556.236070   33.016238   1428.415

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.832359  -10.032768   -7.668252
-72.894546  -80.635355  -1166.992
 0.25000   -4.832359  -10.019361   -7.668252
-72.855369  -74.575658  -1179.901
 0.50000   -4.832359  -10.007588   -7.668252
-72.826844  -69.671887  -1221.014
 0.75000   -4.832359   -9.996437   -7.668252
-72.797197  -66.047291  -1248.283
 1.00000   -4.832359   -9.986086   -7.668252
-72.769581  -63.670089  -1275.553

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.716078  295.639940    4.277353
500.462038   43.217941   3062.677
 0.25000    6.716078  307.011739    4.277353
512.441253   43.119800   2840.262
 0.50000    6.716078  319.063098    4.277353
530.418130   43.586490   2619.311
 0.75000    6.716078  331.588236    4.277353
548.339299   44.540208   2406.280
 1.00000    6.716078  345.363797    4.277353
576.466618   45.880010   2200.942

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.278872 -108.686943   -6.692083
-309.091289  -72.894810  -1345.134
 0.25000   -5.278872  -95.018894   -6.692083
-275.529406  -68.818569  -1389.665
 0.50000   -5.278872  -82.766761   -6.692083
-250.104997  -65.710599  -1434.368
 0.75000   -5.278872  -71.181891   -6.692083
-228.229117  -63.660418  -1479.216
 1.00000   -5.278872  -60.459466   -6.692083
-205.579625  -62.657594  -1524.113

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.094437   79.932778    1.248147
211.703822   2.583817  888.131659
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1477

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000    2.094437   80.066624    1.248147
211.936051   2.966850  807.163035
 0.50000    2.094437   80.208134    1.248147
212.237064   3.524999  729.850380
 0.75000    2.094437   80.355032    1.248147
212.602314   4.269442  657.386809
 1.00000    2.094437   80.520086    1.248147
213.024759   5.042693  591.763321

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.607762   -5.042816   -2.618765
-9.952337  -30.176962  -463.336368
 0.25000   -1.607762   -4.878904   -2.618765
-9.506183  -28.655759  -477.134274
 0.50000   -1.607762   -4.734984   -2.618765
-9.124294  -27.656672  -490.947085
 0.75000   -1.607762   -4.598673   -2.618765
-8.761691  -27.330704  -504.778458
 1.00000   -1.607762   -4.472130   -2.618765
-8.423897  -27.512753  -518.611158

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.049670  201.570385    2.440678
345.732890  11.115613   2168.037
 0.25000    4.049670  201.582551    2.440678
345.753994  10.450993   1965.703
 0.50000    4.049670  201.595415    2.440678
345.781303  10.241836   1787.006
 0.75000    4.049670  201.608768    2.440678
345.814496  10.179446   1641.236
 1.00000    4.049670  201.623771    2.440678
345.852886  10.245498   1528.113

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.249021  -22.425358   -2.388456
-119.719264  -30.907382  -938.267754
 0.25000   -2.249021  -22.410459   -2.388456
-119.680720  -29.986137  -975.344472
 0.50000   -2.249021  -22.397376   -2.388456
-119.644014  -29.704357   -1012.435
 0.75000   -2.249021  -22.384986   -2.388456
-119.611062  -30.083409   -1049.543
 1.00000   -2.249021  -22.373483   -2.388456
-119.580365  -31.073934   -1086.650

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.885919  223.764270    2.578221
518.551694  21.288301   2462.002
 0.25000    5.885919  223.775220    2.578221
518.570687  22.442849   2232.042
 0.50000    5.885919  223.786797    2.578221
518.595265  23.998233   2024.382
 0.75000    5.885919  223.798815    2.578221
518.625139  25.686775   1847.459
 1.00000    5.885919  223.812317    2.578221
518.659690  27.490779   1701.624

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.215101  -23.077034   -6.020762
-123.458357  -67.173135   -1201.378
 0.25000   -4.215101  -23.063625   -6.020762
-123.421867  -63.071231   -1237.465
 0.50000   -4.215101  -23.051851   -6.020762
-123.390632  -59.973561   -1273.590
 0.75000   -4.215101  -23.040699   -6.020762
-123.360974  -57.985902   -1309.893
 1.00000   -4.215101  -23.030347   -6.020762
-123.333347  -57.086892   -1346.238
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1478

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.750338  346.638588    5.890044
436.693349  52.077940   3479.184
 0.25000    6.750338  364.070244    5.890044
436.693349  49.996131   3256.712
 0.50000    6.750338  382.603273    5.890044
436.695660  48.695053   3026.336
 0.75000    6.750338  401.896100    5.890044
452.332639  48.209010   2792.427
 1.00000    6.750338  422.492377    5.890044
473.647192  48.326902   2555.641

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.341355 -159.571870   -5.500418
-367.521667  -63.148360  -1380.659
 0.25000   -5.341355 -139.162425   -5.500418
-345.226639  -61.048795  -1434.832
 0.50000   -5.341355 -120.330098   -5.500418
-320.145604  -59.790527  -1489.036
 0.75000   -5.341355 -102.564090   -5.500418
-303.559218  -59.456843  -1543.389
 1.00000   -5.341355  -86.188604   -5.500418
-303.559218  -60.029630  -1597.871

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.310074  251.752469    6.548651
23.022674   60.152836   2269.074
 0.25000    3.310074  273.976614    6.548651
23.022674   54.765613   2200.731
 0.50000    3.310074  297.768256    6.548651
23.022674   50.346922   2104.033
 0.75000    3.310074  322.612902    6.548651
23.022674   46.972820   1976.106
 1.00000    3.310074  347.567834    6.548651
23.022674   44.624439   1817.406

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.170298 -198.346580   -1.002951
-447.585649 -124.240081 -583.202136
 0.25000   -3.170298 -173.685825   -1.002951
-447.585649  -15.001402 -621.311115
 0.50000   -3.170298 -149.535543   -1.002951
-447.585649  -17.263359 -659.420609
 0.75000   -3.170298 -126.853793   -1.002951
-447.585649  -19.126053 -697.530660
 1.00000   -3.170298 -106.137797   -1.002951
-447.585649  -21.790830 -735.709349

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.071823  384.483180    8.611808
115.196162  77.997631   3577.059
 0.25000    5.071823  411.065937    8.611808
115.196162  70.909958   3407.710
 0.50000    5.071823  439.455358    8.611808
115.196162  65.127260   3222.433
 0.75000    5.071823  469.075563    8.611808
115.196162  60.767878   3024.301
 1.00000    5.071823  499.366730    8.611808
115.196162  57.659191   2809.076

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.134583 -252.663144   -1.214638
-578.035863  -17.857396  -1014.769
 0.25000   -4.134583 -222.704163   -1.214638
-578.035863  -20.809985  -1076.009
 0.50000   -4.134583 -193.876334   -1.214638
-578.035863  -23.777605  -1137.250
 0.75000   -4.134583 -166.768037   -1.214638
-578.035863  -26.759681  -1198.492
 1.00000   -4.134583 -141.926240   -1.214638
-578.035863  -29.753037  -1259.842
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1479

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.340967  421.300245    8.426667
265.909818  68.899274   4062.128
 0.25000    6.340960  445.685828    8.426667
265.909818  62.552462   3836.339
 0.50000    6.340960  471.722324    8.426667
265.909818  57.551057   3597.351
 0.75000    6.340960  498.885282    8.426667
265.909818  53.784392   3350.374
 1.00000    6.340960  526.713477    8.426667
265.909818  51.113387   3095.892

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.623465 -229.698580   -2.155647
-523.857997  -29.594559  -1322.624
 0.25000   -4.623465 -202.173297   -2.155647
-523.857997  -31.712635  -1392.245
 0.50000   -4.623465 -175.733699   -2.155647
-523.857997  -34.188120  -1461.867
 0.75000   -4.623465 -150.826068   -2.155647
-523.857997  -37.032328  -1531.490
 1.00000   -4.623465 -128.074476   -2.155647
-523.857997  -40.223112  -1601.207

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.004208  391.475439    7.549199
392.813482  63.671714   3857.741
 0.25000    7.004208  411.806872    7.549199
392.813482  59.630717   3624.765
 0.50000    7.004208  433.514537    7.549199
392.813482  56.728460   3382.339
 0.75000    7.004208  456.161302    7.549199
392.813482  54.857568   3134.774
 1.00000    7.004208  479.364360    7.549199
392.813482  53.901628   2882.309

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.554047 -193.926144   -4.712690
-446.633438  -56.067497  -1410.097
 0.25000   -5.554047 -170.975579   -4.712690
-446.633438  -55.545310  -1472.428
 0.50000   -5.554047 -148.931797   -4.712690
-446.633438  -55.765936  -1534.768
 0.75000   -5.554047 -128.200210   -4.712690
-446.633438  -56.819205  -1597.177
 1.00000   -5.554047 -109.195911   -4.712690
-446.633438  -58.625890  -1659.731

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.607662   64.237651    0.638483
339.044866  24.869208   869.638716
 0.25000    6.607662   64.244955    0.638483
339.058104  27.637860   806.800005
 0.50000    6.607662   64.252786    0.638483
339.072881  30.440438   744.282632
 0.75000    6.607662   64.261006    0.638483
339.088795  33.304784   682.348488
 1.00000    6.607662   64.269473    0.638483
339.105447  36.827695   620.744723

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.011842   -6.479205   -7.568859
-35.931532  -59.697598  -582.429758
 0.25000   -5.011842   -6.472147   -7.568859
-35.912281  -53.539472  -585.204216
 0.50000   -5.011842   -6.465405   -7.568859
-35.893841  -47.601923  -588.042144
 0.75000   -5.011842   -6.459111   -7.568859
-35.876616  -41.989644  -590.957396
 1.00000   -5.011842   -6.453302   -7.568859
-35.860963  -37.317789  -593.866494
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1480

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.768711  140.542244    1.559770
580.872687  30.887239   1748.178
 0.25000   10.768711  140.549545    1.559770
580.885880  34.753837   1615.039
 0.50000   10.768711  140.557372    1.559770
580.900610  38.783088   1483.021
 0.75000   10.768711  140.565588    1.559770
580.916475  43.007577   1353.321
 1.00000   10.768711  140.574051    1.559770
580.933075  48.113411   1225.214

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.248071  -11.153425  -11.254325
-47.713222  -98.159067  -1084.696
 0.25000   -8.248071  -11.146371  -11.254325
-47.664015  -89.266339  -1099.000
 0.50000   -8.248071  -11.139634  -11.254325
-47.675616  -80.974298  -1113.353
 0.75000   -8.248071  -11.133345  -11.254325
-47.658430  -73.674336  -1127.823
 1.00000   -8.248071  -11.127634  -11.254325
-47.642814  -67.810200  -1142.284

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.646815  243.627852    2.068121
670.099776  30.848443   2808.925
 0.25000   12.646815  243.838130    2.068121
670.479947  33.874542   2590.337
 0.50000   12.646815  244.063572    2.068121
670.904396  37.141101   2374.942
 0.75000   12.646815  244.300218    2.068121
671.361549  40.602622   2164.328
 1.00000   12.646815  244.543967    2.068121
671.839873  44.849696   1960.129

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.750885  -18.187422  -10.245388
-82.750945  -92.857669  -1552.317
 0.25000   -8.750885  -17.984251  -10.245388
-82.197578  -85.140091  -1593.602
 0.50000   -8.750885  -17.790198  -10.245388
-81.667486  -77.995724  -1630.973
 0.75000   -8.750885  -17.609045  -10.245388
-81.172350  -71.713164  -1668.431
 1.00000   -8.750885  -17.445561  -10.245388
-80.722424  -66.797198  -1705.850

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.619979  343.981288    5.243089
590.955977  53.696193   3611.485
 0.25000   13.619979  354.646807    5.243089
603.690515  53.770836   3365.504
 0.50000   13.619979  366.065657    5.243089
621.518727  54.282464   3107.343
 0.75000   13.619979  378.030937    5.243089
640.801333  55.192958   2843.246
 1.00000   13.619979  390.332941    5.243089
660.964923  57.088313   2571.469

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.236197  -94.269092   -8.965074
-321.447579  -84.579568  -1765.359
 0.25000   -9.236197  -84.128870   -8.965074
-296.656586  -79.508403  -1823.615
 0.50000   -9.236197  -74.427247   -8.965074
-272.820137  -75.047777  -1882.073
 0.75000   -9.236197  -65.348208   -8.965074
-250.549013  -71.500060  -1940.501
 1.00000   -9.236197  -57.104681   -8.965074
-230.406724  -69.341959  -1998.891
 Program   SAP2000    Nonlinear    Version   7.42
           File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD            >
                                1481

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.293644  101.558825    1.107279
246.173181   4.461052   1124.959
 0.25000    4.293644  101.631829    1.107279
246.305111   5.016797   1034.110
 0.50000    4.293644  101.710101    1.107279
246.452411   5.730338   944.834334
 0.75000    4.293644  101.792263    1.107279
246.611061   6.642555   858.538317
 1.00000    4.293644  101.876890    1.107279
246.777060   7.706647   773.293582

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.090875   -6.190506   -3.024613
-10.681885  -34.036727  -601.631825
 0.25000   -3.090875   -6.119969   -3.024613
-10.489818  -31.753220  -619.630750
 0.50000   -3.090875   -6.052597   -3.024613
-10.305828  -29.965972  -637.639165
 0.75000   -3.090875   -5.989704   -3.024613
-10.133970  -29.037725  -655.630751
 1.00000   -3.090875   -5.932598   -3.024613
 -9.977806  -28.474626  -673.620568
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COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.411086	247.671018	2.580351
372.823517	16.083424	2567.979	
0.25000	7.411086	247.678321	2.580351
372.836747	15.396323	2356.970	
0.50000	7.411086	247.686152	2.580351
372.851516	14.957847	2153.738	
0.75000	7.411086	247.694372	2.580351
372.867422	14.714602	1966.581	
1.00000	7.411086	247.702838	2.580351
372.884066	14.692508	1792.291	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.314533	-25.736821	-2.759611
-102.397497	-34.835389	-1229.193	
0.25000	-4.314533	-25.729763	-2.759611
-102.378254	-33.599829	-1277.183	
0.50000	-4.314533	-25.723022	-2.759611
-102.359820	-32.809863	-1325.185	
0.75000	-4.314533	-25.716729	-2.759611
-102.342602	-32.639476	-1373.184	
1.00000	-4.314533	-25.711015	-2.759611
-102.326955	-32.996223	-1421.127	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.657287	279.762578	2.883320
601.399804	29.203846	3047.060	
0.25000	11.657287	279.769151	2.883320
601.411711	30.576779	2802.003	
0.50000	11.657287	279.776198	2.883320
601.425003	32.214358	2564.120	
0.75000	11.657287	279.783596	2.883320
601.439319	34.212427	2341.113	
1.00000	11.657287	279.791216	2.883320
601.454298	36.760080	2130.100	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.740232	-27.687482	-7.850428
-114.602535	-77.383137	-1631.051	
0.25000	-7.740232	-27.681130	-7.850428
-114.585216	-72.024203	-1677.905	
0.50000	-7.740232	-27.675063	-7.850428
-114.568626	-67.299764	-1749.069	
0.75000	-7.740232	-27.669399	-7.850428
-114.553129	-63.518389	-1796.488	
1.00000	-7.740232	-27.664257	-7.850428
-114.539047	-61.795674	-1843.897	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1482

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.430000	390.625282	7.208914
507.947023	60.949165	3961.986	
0.25000	13.430000	406.846026	7.208914
507.945284	58.805111	3709.596	
0.50000	13.430000	424.176129	7.208914
508.463160	57.215164	3436.042	
0.75000	13.430000	442.292607	7.208914
528.750172	56.325208	3145.843	
1.00000	13.430000	460.844832	7.208914
549.909484	56.420542	2838.596	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.134966	-131.212536	-7.124986
-411.737500	-73.933060	-1849.171	
0.25000	-9.134966	-116.169117	-7.124986
-383.890139	-71.465807	-1918.457	
0.50000	-9.134966	-101.721930	-7.124986
-355.207308	-69.689518	-2008.212	
0.75000	-9.134966	-88.186303	-7.124986
-332.039720	-68.929892	-2078.078	
1.00000	-9.134966	-75.879282	-7.124986
-325.464012	-69.352508	-2147.858	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.212696	249.611522	8.399448
30.190022	63.282356	2262.340	
0.25000	6.212696	270.406707	8.399448
30.190022	57.198767	2170.203	
0.50000	6.212696	292.547884	8.399448
30.190022	51.922630	2045.100	
0.75000	6.212696	315.563708	8.399448
30.190022	47.673632	1886.630	
1.00000	6.212696	339.003482	8.399448
30.190022	44.475120	1696.165	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.620169	-151.721557	-1.135108
-495.702926	-17.102669	-757.471996	
0.25000	-4.620169	-133.369309	-1.135108
-500.040967	-20.543114	-805.280413	
0.50000	-4.620169	-115.631049	-1.135108
-504.379009	-24.286077	-853.074193	
0.75000	-4.620169	-98.936483	-1.135108
-508.717051	-28.437148	-901.199176	
1.00000	-4.620169	-83.732057	-1.135108
-513.055093	-33.133351	-949.151373	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.353941	397.730146	11.126761
114.754678	85.909462	3643.466	
0.25000	9.353941	421.718618	11.126761
114.754678	77.850812	3447.216	
0.50000	9.353941	447.265792	11.126761
114.754678	70.789908	3217.985	
0.75000	9.353941	473.875855	11.126761
114.754678	64.918529	2967.990	
1.00000	9.353941	501.004153	11.126761
114.754678	60.340057	2692.305	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.197504	-195.944077	-1.482063
-630.081079	-23.475241	-1330.874	
0.25000	-6.197504	-174.530071	-1.482063
-630.561010	-27.859266	-1414.893	
0.50000	-6.197504	-153.869479	-1.482063
-631.040941	-32.637932	-1492.960	
0.75000	-6.197504	-134.426569	-1.482063
-631.520871	-37.992849	-1571.404	
1.00000	-6.197504	-116.747224	-1.482063
-632.000802	-44.115647	-1649.651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1483

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.633308	454.035138	10.452985
282.564973	76.371944	4337.226	
0.25000	11.633308	476.014254	10.452985
282.564973	69.378737	4077.379	
0.50000	11.633308	499.423184	10.452985
282.564973	63.267878	3789.307	
0.75000	11.633308	523.808502	10.452985
282.564973	58.248126	3481.012	
1.00000	11.633308	548.675677	10.452985
282.564973	54.388437	3149.361	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.490894	-180.514024	-2.486031
-572.983511	-36.334106	-1720.935	
0.25000	-7.490894	-160.865714	-2.486031
-572.899947	-39.411540	-1809.161	
0.50000	-7.490894	-141.912514	-2.486031
-572.816384	-43.087690	-1897.326	
0.75000	-7.490894	-124.078770	-2.486031
-572.732821	-47.576440	-1985.867	
1.00000	-7.490894	-107.863196	-2.486031
-572.649258	-52.968143	-2074.179	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.557503	432.677495	9.307187
451.994833	72.214954	4278.388	
0.25000	13.557503	450.999920	9.307187
451.994833	67.780346	4010.129	
0.50000	13.557503	470.514336	9.307187
451.994833	64.150245	3718.787	
0.75000	13.557503	490.842831	9.307187
451.994833	61.554476	3411.112	
1.00000	13.557503	511.573168	9.307187
451.994833	60.129904	3084.669	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.280654	-154.158960	-5.935822
-491.204012	-67.107744	-1883.742	
0.25000	-9.280654	-137.778630	-5.935822
-491.116945	-66.740787	-1965.841	
0.50000	-9.280654	-121.977923	-5.935822
-491.029877	-67.133694	-2046.186	
0.75000	-9.280654	-107.110553	-5.935822
-490.942809	-68.584666	-2126.843	
1.00000	-9.280654	-93.592115	-5.935822
-490.855742	-71.208806	-2207.344	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.004208	421.300245	8.611808
556.128153	77.997631	4062.128	
0.25000	7.004208	445.685828	8.611808
556.147139	70.509958	3836.339	
0.50000	7.004208	471.722324	8.611808
556.171667	65.127260	3597.351	
0.75000	7.004208	498.885282	8.611808
556.201531	60.767878	3350.374	
1.00000	7.004208	526.713477	8.611808
576.466618	57.659191	3095.892	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.554047	-252.663144	-8.320871
-578.035863	-84.813407	-1410.097	
0.25000	-5.554047	-222.704163	-8.320871
-578.035863	-77.954637	-1472.428	
0.50000	-5.554047	-193.876334	-8.320871
-578.035863	-72.189319	-1534.768	
0.75000	-5.554047	-166.768037	-8.320871
-578.035863	-67.702765	-1597.177	
1.00000	-5.554047	-141.926240	-8.320871
-578.035863	-64.424514	-1659.731	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1484

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.619979	454.035138	11.126761
670.099776	85.909462	4337.226	
0.25000	13.619979	476.014254	11.126761
670.479947	77.850812	4077.379	
0.50000	13.619979	499.423184	11.126761
670.904396	70.789908	3789.307	
0.75000	13.619979	523.808502	11.126761
671.361549	64.918529	3481.012	
1.00000	13.619979	548.675677	11.126761
671.839873	60.340057	3149.361	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.280654	-195.944077	-11.254325
-630.081079	-98.159067	-1883.742	
0.25000	-9.280654	-174.530071	-11.254325
-630.561010	-89.266330	-1965.841	
0.50000	-9.280654	-153.869479	-11.254325
-631.040941	-80.974298	-2046.186	
0.75000	-9.280654	-134.426569	-11.254325
-631.520871	-73.674336	-2126.843	
1.00000	-9.280654	-116.747224	-11.254325
-632.000802	-71.208806	-2207.344	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.619979	454.035138	11.126761
670.099776	85.909462	4337.226	
0.25000	13.619979	476.014254	11.126761
670.479947	77.850812	4077.379	
0.50000	13.619979	499.423184	11.126761
670.904396	70.789908	3789.307	
0.75000	13.619979	523.808502	11.126761
671.361549	64.918529	3481.012	
1.00000	13.619979	548.675677	11.126761
671.839873	60.340057	3149.361	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.280654	-252.663144	-11.254325
-630.081079	-98.159067	-1883.742	
0.25000	-9.280654	-222.704163	-11.254325
-630.561010	-89.266330	-1965.841	
0.50000	-9.280654	-193.876334	-11.254325
-631.040941	-80.974298	-2046.186	
0.75000	-9.280654	-166.768037	-11.254325
-631.520871	-73.674336	-2126.843	
1.00000	-9.280654	-141.926240	-11.254325
-632.000802	-71.208806	-2207.344	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.619979	454.035138	11.126761
670.099776	85.909462	4337.226	
0.25000	13.619979	476.014254	11.126761
670.479947	77.850812	4077.379	
0.50000	13.619979	499.423184	11.126761
670.904396	70.789908	3789.307	
0.75000	13.619979	523.808502	11.126761
671.361549	64.918529	3481.012	
1.00000	13.619979	548.675677	11.126761
671.839873	60.340057	3149.361	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.280654	-252.663144	-11.254325
-630.081079	-98.159067	-1883.742	
0.25000	-9.280654	-222.704163	-11.254325
-630.561010	-89.266330	-1965.841	
0.50000	-9.280654	-193.876334	-11.254325
-631.040941	-80.974298	-2046.186	
0.75000	-9.280654	-166.768037	-11.254325
-631.520871	-73.674336	-2126.843	
1.00000	-9.280654	-141.926240	-11.254325
-632.000802	-71.208806	-2207.344	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1485

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 119 ========== LENGTH = 4.928501

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.293625	53.170202	0.608586
304.153583	28.499478	381.590416	
0.25000	3.293625	53.182274	0.608586
304.174990	29.540525	322.576875	
0.50000	3.293625	53.194996	0.608586
304.201854	30.658988	265.849959	
0.75000	3.293625	53.209161	0.608586
304.235821	31.801475	212.387089	
1.00000	3.293625	53.222932	0.608586
304.274900	33.007652	176.572975	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.256868	-13.394477	-5.632403
-71.790902	-36.092606	-442.448958	
0.25000	-3.256868	-13.379862	-5.632403
-71.749673	-30.614000	-430.388522	
0.50000	-3.256868	-13.367083	-5.632403
-71.714394	-25.686589	-418.477476	
0.75000	-3.256868	-13.355011	-5.632403
-71.680758	-21.406369	-406.961536	
1.00000	-3.256868	-13.343906	-5.632403
-71.649125	-17.831696	-395.671101	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.280980	119.080920	0.916565
529.055168	37.144071	808.198218	
0.25000	5.280980	119.092986	0.916565
529.076534	39.976305	677.906924	
0.50000	5.280980	119.105702	0.916565
529.103100	42.991669	554.848662	
0.75000	5.280980	119.118862	0.916565
529.137012	46.108781	440.832617	
1.00000	5.280980	119.133622	0.916565
529.176019	49.368448	352.798815	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.220425	-18.215512	-9.829006
-105.363977	-65.503760	-858.856339	
0.25000	-5.220425	-18.200908	-9.829006
-105.322823	-55.849055	-847.740760	
0.50000	-5.220425	-18.188134	-9.829006
-105.287601	-47.002391	-836.725285	
0.75000	-5.220425	-18.176067	-9.829006
-105.254023	-39.177167	-826.392111	
1.00000	-5.220425	-18.164968	-9.829006
-105.222446	-32.397689	-816.266300	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.120885	212.269887	0.967503
632.480674	33.325324	1426.172	
0.25000	6.120885	212.271748	0.967503
632.499911	35.263322	1201.598	
0.50000	6.120885	212.283194	0.967503
632.523874	38.099252	992.831731	
0.75000	6.120885	212.295038	0.967503
632.554405	41.200557	805.865071	
1.00000	6.120885	212.308324	0.967503
632.589524	44.437992	658.344521	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.339940	-20.196600	-9.426039
-100.182062	-65.186596	-1275.279	
0.25000	-5.339940	-20.183454	-9.426039
-100.145010	-55.939930	-1282.591	
0.50000	-5.339940	-20.171957	-9.426039
-100.113301	-47.651861	-1289.989	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1486

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-5.339940	-20.161096	-9.426039
-100.083070	-40.444837	-1297.976	
1.00000	-5.339940	-20.151105	-9.426039
-100.054641	-34.396664	-1306.189	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.724505	337.028620	3.786571
580.630389	45.725803	2199.331	
0.25000	6.724505	348.323968	3.786571
580.630389	44.381780	1928.511	
0.50000	6.724505	360.253125	3.786571
595.271884	44.038501	1663.570	
0.75000	6.724505	372.609649	3.786571
613.414899	44.046109	1413.056	
1.00000	6.724505	386.169835	3.786571
640.210104	44.465845	1188.952	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.891232	-99.138699	-7.990069
-327.794907	-63.714710	-1523.967	
0.25000	-5.891232	-85.740085	-7.990069
-294.450205	-57.285067	-1559.504	
0.50000	-5.891232	-73.776414	-7.990069
-272.575372	-51.661444	-1595.123	
0.75000	-5.891232	-62.496999	-7.990069
-249.816816	-46.941547	-1631.243	
1.00000	-5.891232	-52.138857	-7.990069
-236.116421	-43.189425	-1667.559	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.916480	91.548262	0.309875
238.482432	5.216081	590.970818	
0.25000	1.916480	91.681028	0.309875
238.717730	6.740542	496.689843	
0.50000	1.916480	91.820947	0.309875
239.011925	8.611561	408.281708	
0.75000	1.916480	91.965736	0.309875
239.385319	10.696162	327.432705	
1.00000	1.916480	92.128171	0.309875
239.814869	12.861110	256.324449	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.802292	-5.061548	-3.948512
-28.508625	-28.117679	-518.546684	
0.25000	-1.802292	-4.900832	-3.948512
-28.055438	-24.317738	-525.989746	
0.50000	-1.802292	-4.760284	-3.948512
-27.667619	-20.768995	-533.521860	
0.75000	-1.802292	-4.627513	-3.948512
-27.297877	-17.633349	-541.163710	
1.00000	-1.802292	-4.505381	-3.948512
-26.950162	-14.854317	-548.813422	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.476374	231.941589	1.316898
384.322338	10.139887	1527.155	
0.25000	3.476374	231.953658	1.316898
384.343721	9.708685	1289.231	
0.50000	3.476374	231.966377	1.316898
384.370406	10.394259	1077.946	
0.75000	3.476374	231.979538	1.316898
384.404340	11.304423	904.723538	
1.00000	3.476374	231.994303	1.316898
384.443376	12.319425	768.455856	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.459911	-16.502698	-3.841191
-86.189557	-31.944521	-1086.608	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1487

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-2.459911	-16.488599	-3.841191
-86.148373	-28.692035	-1119.521	
0.50000	-2.459911	-16.475524	-3.841191
-86.113129	-25.917417	-1152.466	
0.75000	-2.459911	-16.463455	-3.841191
-86.079527	-23.616195	-1185.526	
1.00000	-2.459911	-16.452353	-3.841191
-86.047928	-21.824077	-1218.667	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.617490	255.899457	1.586382
585.996679	27.568754	1699.788	
0.25000	5.617490	255.910319	1.586382
586.015923	28.531446	1433.095	
0.50000	5.617490	255.921766	1.586382
586.039940	30.583036	1192.539	
0.75000	5.617490	255.933611	1.586382
586.070481	32.796851	989.465551	
1.00000	5.617490	255.946899	1.586382
586.105613	35.097957	833.465003	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.680730	-23.753310	-7.894160
-127.818084	-58.352498	-1346.055	
0.25000	-4.680730	-23.740162	-7.894160
-127.781018	-51.007857	-1368.327	
0.50000	-4.680730	-23.728664	-7.894160
-127.749298	-44.416534	-1390.821	
0.75000	-4.680730	-23.717682	-7.894160
-127.719057	-38.667149	-1413.469	
1.00000	-4.680730	-23.707810	-7.894160
-127.690617	-33.798803	-1436.550	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.800676	396.754384	5.363227
521.440631	47.938482	2554.745	
0.25000	6.800676	414.100879	5.363227
521.440631	44.968663	2272.453	
0.50000	6.800676	432.473787	5.363227
521.440631	43.244897	1986.553	
0.75000	6.800676	451.530334	5.363227
521.440631	42.112006	1704.096	
1.00000	6.800676	471.811516	5.363227
526.468496	41.619950	1433.826	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.971953	-137.697258	-6.695744
-393.092131	-60.910497	-1597.846	
0.25000	-5.971953	-117.695459	-6.695744
-369.532579	-56.346706	-1651.042	
0.50000	-5.971953	-99.310423	-6.695744
-343.150979	-52.413818	-1704.425	
0.75000	-5.971953	-82.022649	-6.695744
-336.423194	-49.184042	-1757.930	
1.00000	-5.971953	-66.181277	-6.695744
-336.423194	-46.691488	-1811.800	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.728398	290.140324	6.988244
75.793173	43.915569	1815.928	
0.25000	3.728398	312.336384	6.988244
75.793173	37.504253	1702.516	
0.50000	3.728398	335.993482	6.988244
75.793173	31.977991	1559.260	
0.75000	3.728398	360.592994	6.988244
75.793173	27.370220	1386.762	
1.00000	3.728398	385.184628	6.988244
75.793173	23.728437	1185.732	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1488

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.595846	-161.296926	-0.258644
-496.026518	-21.527304	-735.943449	
0.25000	-3.595846	-137.146577	-0.258644
-496.026518	-23.978378	-792.573661	
0.50000	-3.595846	-113.576012	-0.258644
496.026518	-26.438842	-849.238471	
0.75000	-3.595846	-91.529585	-0.258644
-496.026518	-28.915345	-905.904244	
1.00000	-3.595846	-71.443110	-0.258644
-496.026518	-31.392360	-962.634807	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.280726	442.313097	9.405418
181.031140	56.648110	2810.629	
0.25000	5.280726	468.834756	9.405418
181.031140	47.656766	2568.754	
0.50000	5.280726	497.038376	9.405418
181.031140	40.074835	2314.107	
0.75000	5.280726	526.345898	9.405418

```
181.031140    33.695009    2050.864
 1.00000     5.280726   556.188856     9.405418
181.031140    28.361707    1773.622

 COMB DB-G3-2 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -4.652677 -202.275217   -0.469883
-605.526154   -29.267221   -1260.125
 0.25000   -4.652677 -172.930234   -0.469883
-605.526154   -32.659788   -1344.565
 0.50000   -4.652677 -144.791551   -0.469883
-605.526154   -36.072984   -1429.062
 0.75000   -4.652677 -118.434007   -0.469883
-605.526154   -39.518885   -1513.578
 1.00000   -4.652677   -94.362394   -0.469883
-605.526154   -42.984659   -1598.139

 COMB DB-G3-3 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    6.196472   484.973681    8.032941
343.488104    50.251434    3096.737
 0.25000    6.196472   509.300617    8.032941
343.488104    42.738665    2793.155
 0.50000    6.196472   535.164437    8.032941
343.488104    37.175933    2480.279
 0.75000    6.196472   562.038760    8.032941
343.488104    32.639332    2165.338
 1.00000    6.196472   589.454551    8.032941
343.488104    29.087069    1848.368

 COMB DB-G3-3 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -5.188062 -186.560353   -2.330588
-537.492298   -40.566332   -1601.426
 0.25000   -5.188062 -159.598639   -2.330588
-537.492298   -41.584545   -1688.204
 0.50000   -5.188062 -133.790831   -2.330588
-537.492298   -42.905227   -1775.022
 0.75000   -5.188062 -109.613073   -2.330588
-537.492298   -44.542676   -1861.868
 1.00000   -5.188062   -87.527846   -2.330588
-537.492298   -46.516856   -1948.803

 COMB DB-G3-4 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    7.081577   449.656875    7.019164
483.728169    53.311370    2882.225
 0.25000    7.081577   469.939326    7.019164
483.728169    48.552728    2579.013
 0.50000    7.081577   491.502948    7.019164
483.728169    45.332142    2270.426
 0.75000    7.081577   513.909004    7.019164
483.728169    43.039970    1963.690
 1.00000    7.081577   536.768180    7.019164
483.728169    41.596957    1663.899
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1489

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -6.222394 -161.031029   -5.657329
-482.361134   -59.328762   -1659.815
 0.25000   -6.222394 -138.556749   -5.657329
-482.361134   -56.393470   -1728.788
 0.50000   -6.222394 -117.033308   -5.657329
-482.361134   -53.980424   -1797.905
 0.75000   -6.222394   -96.875189   -5.657329
-482.361134   -52.136587   -1867.137
 1.00000   -6.222394   -78.461566   -5.657329
-482.361134   -50.888815   -1936.597

 COMB DL-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    6.744138   69.087592    1.139787
405.596950    37.403859   619.067857
 0.25000    6.744138   69.095170    1.139787
405.610346    38.963048   547.585763
 0.50000    6.744138   69.103255    1.139787
405.625252    41.123311   476.764409
 0.75000    6.744138   69.111710    1.139787
405.641332    44.137249   407.093089
 1.00000    6.744138   69.120402    1.139787
405.658182    48.279556   343.244044

 COMB DL-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -5.386230   -17.662719   -7.502614
-96.284536   -38.503359   -593.527976
 0.25000   -5.386230   -17.656039   -7.502614
-96.265120   -32.055181   -579.739572
 0.50000   -5.386230   -17.649686   -7.502614
-96.246545   -26.367775   -565.970945
 0.75000   -5.386230   -17.643782   -7.502614
-96.229216   -21.828548   -552.640902
 1.00000   -5.386230   -17.638465   -7.502614
-96.213434   -18.699934   -541.315159

 COMB DL-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   10.799217   154.003685    1.494594
699.607578    48.941075    1222.394
 0.25000   10.799217   154.011260    1.494594
699.620928    52.866699    1065.147
 0.50000   10.799217   154.019342    1.494594
699.635786    57.844461    909.831271
 0.75000   10.799217   154.027792    1.494594
699.651815    64.189760   762.488649
 1.00000   10.799217   154.036480    1.494594
699.668611    72.426286   637.069579

 COMB DL-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -8.856570   -24.283411   -13.941219
-137.737052   -70.085526   -1141.815
 0.25000   -8.856570   -24.276737   -13.941219
-137.717680   -58.150437   -1130.018
 0.50000   -8.856570   -24.270388   -13.941219
-137.699145   -47.302186   -1118.450
 0.75000   -8.856570   -24.264489   -13.941219
-137.681853   -38.560694   -1111.825
 1.00000   -8.856570   -24.259176   -13.941219
-137.666107   -32.221816   -1124.010

 COMB DL-G1-3 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   12.201114   281.046508    1.715269
800.545464    45.579113    1957.102
 0.25000   12.201114   281.264674    1.715269
800.930186    48.586440    1685.012
 0.50000   12.201114   281.497450    1.715269
801.358325    52.871762    1422.921
 0.75000   12.201114   281.740844    1.715269
801.820185    58.355873    1192.633
 1.00000   12.201114   281.991179    1.715269
802.304194    65.438400    1007.795
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1490

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.252850   -28.431634   -13.006568
-138.030521   -69.653788   -1705.412
 0.25000   -9.252850   -28.239392   -13.006568
-137.472401   -58.320092   -1717.288
 0.50000   -9.252850   -28.056530   -13.006568
-136.938396   -48.421110   -1735.059
 0.75000   -9.252850   -27.886614   -13.006568
-136.440216   -40.239513   -1784.260
 1.00000   -9.252850   -27.733575   -13.006568
-135.986555   -34.151388   -1884.371

 COMB DL-G1-4 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   13.193352   407.432464    5.784959
718.042098    56.783864    2569.590
 0.25000   13.193352   418.544081    5.784959
727.227485    56.216312    2243.708
 0.50000   13.193352   430.376757    5.784959
745.110183    57.031388    1928.088
 0.75000   13.193352   442.730003    5.784959
764.500729    59.180311    1648.181
 1.00000   13.193352   455.401571    5.784959
784.815502    63.016355    1412.034

 COMB DL-G1-4 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.814613   -89.686703   -11.052168
-383.513809   -71.327215   -1998.627
 0.25000   -9.814613   -80.142760   -11.052168
-358.361590   -64.089233   -2047.274
 0.50000   -9.814613   -71.042786   -11.052168
-334.234033   -58.298358   -2122.480
 0.75000   -9.814613   -62.569591   -11.052168
-311.697646   -54.236314   -2252.972
 1.00000   -9.814613   -54.949735   -11.052168
-291.273326   -52.274594   -2447.930

 COMB DL-G2-1 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    3.991188   116.447909    0.492869
300.753351    7.927210   772.184049
 0.25000    3.991188   116.523655    0.492869
300.886858    9.983607   658.423534
 0.50000    3.991188   116.604475    0.492869
301.035436   12.517212   546.831472
 0.75000    3.991188   116.688980    0.492869
301.195719   15.528288   450.896900
 1.00000    3.991188   116.775860    0.492869
301.363689   19.197120   377.123879

 COMB DL-G2-1 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -3.278091   -6.532903   -5.932702
-34.043812   -29.663227   -673.526621
 0.25000   -3.278091   -6.466161   -5.932702
-33.850092   -24.475464   -682.970254
 0.50000   -3.278091   -6.402676   -5.932702
-33.664741   -19.794603   -693.096449
 0.75000   -3.278091   -6.343685   -5.932702
-33.491826   -16.051727   -715.078931
 1.00000   -3.278091   -6.290553   -5.932702
-33.334363   -13.310259   -767.363521

 COMB DL-G2-2 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    6.666743   295.267770    2.273169
442.628164    14.532030    1791.023
 0.25000    6.666743   295.275348    2.273169
442.641553    14.565311    1518.491
 0.50000    6.666743   295.283432    2.273169
442.656452    15.432410    1265.601
 0.75000    6.666743   295.291886    2.273169
442.672523    16.745399    1066.921
 1.00000    6.666743   295.300578    2.273169
442.689364    18.696837    925.071510
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1491

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -4.472041   -20.652094   -5.435612
-89.244086   -34.567450   -1421.050
 0.25000   -4.472041   -20.645455   -5.435612
-89.224678   -30.620628   -1462.820
 0.50000   -4.472041   -20.639063   -5.435612
-89.206109   -27.408191   -1517.705
 0.75000   -4.472041   -20.633160   -5.435612
-89.188786   -24.950648   -1620.221
 1.00000   -4.472041   -20.627843   -5.435612
-89.173010   -23.365000   -1785.577

 COMB DL-G2-3 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   11.039777   327.239660    2.691081
718.285757    37.006786    2127.647
 0.25000   11.039777   327.246480    2.691081
718.297808    39.049337    1818.644
 0.50000   11.039777   327.253756    2.691081
718.311216    42.209341    1527.809
 0.75000   11.039777   327.261365    2.691081
718.325680    46.514285    1286.514
 1.00000   11.039777   327.269187    2.691081
718.340837    51.908864    1103.422

 COMB DL-G2-3 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -8.172912   -30.113055   -11.349471
-147.328922   -63.225043   -1843.565
 0.25000   -8.172912   -30.107044   -11.349471
-147.311455   -54.259933   -1870.109
 0.50000   -8.172912   -30.101326   -11.349471
-147.294743   -46.432705   -1908.435
 0.75000   -8.172912   -30.096014   -11.349471
-147.279152   -40.029047   -1989.558
 1.00000   -8.172912   -30.091229   -11.349471
-147.264954   -35.457598   -2133.706

 COMB DL-G2-4 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   12.985391   468.943171    7.677871
639.578979    55.468941    2837.745
 0.25000   12.985391   485.946617    7.677871
639.586706    53.423349    2491.332
 0.50000   12.985391   504.014974    7.677871
639.585767    52.713076    2152.947
 0.75000   12.985391   522.817397    7.677871
646.078507    53.317610    1847.227
 1.00000   12.985391   542.043528    7.677871
667.146879    55.607666    1583.820

 COMB DL-G2-4 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.745129   -115.961984   -9.631538
-486.783303   -70.856920   -2147.758
 0.25000   -9.745129   -101.910842   -9.631538
-458.620999   -66.196664   -2217.817
 0.50000   -9.745129   -88.468605   -9.631538
-429.602230   -62.777024   -2325.612
 0.75000   -9.745129   -75.976068   -9.631538
-411.844370   -60.855729   -2498.520
 1.00000   -9.745129   -64.681604   -9.631538
-404.883943   -60.827604   -2747.973

 COMB DL-G3-1 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    6.349732   314.153754    9.099663
95.347266    42.604860    1698.539
 0.25000    6.349732   336.210022    9.099663
95.347266    36.218539    1540.529
 0.50000    6.349732   359.545768    9.099663
95.347266    30.653966    1380.710
 0.75000    6.349732   383.711489    9.099663
95.347266    26.247844    1219.580
 1.00000    6.349732   408.227082    9.099663
95.347266    23.006202    1058.566
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1492

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -5.073210 -123.000876   -0.422236
-601.512886   -32.243970   -949.493112
 0.25000   -5.073210 -106.137744   -0.422236
-605.851546   -36.834157   -1028.871
 0.50000   -5.073210   -89.908020   -0.422236
-610.188911   -41.897796   -1154.142
 0.75000   -5.073210   -74.751595   -0.422236
-614.528866   -47.544322   -1323.338
 1.00000   -5.073210   -61.117723   -0.422236
-618.867526   -53.868575   -1530.021

 COMB DL-G3-2 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    9.236723   495.004942   12.854641
198.256320    57.729707    2694.891
 0.25000    9.236723   520.380829   12.854641
198.256320    48.454228    2395.062
 0.50000    9.236723   547.246838   12.854641
198.256320    40.547128    2108.962
 0.75000    9.236723   575.106680   12.854641
198.256320    34.193301    1855.602
 1.00000    9.236723   603.409006   12.854641
198.256320    29.373230    1629.952

 COMB DL-G3-2 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -6.714306 -157.176301   -0.689065
-727.308006   -42.980348   -1650.043
 0.25000   -6.714306 -137.423236   -0.689065
-727.788005   -49.253356   -1766.249
 0.50000   -6.714306 -118.446951   -0.689065
-728.266084   -56.266928   -1946.138
 0.75000   -6.714306 -100.726933   -0.689065
-728.748003   -64.322908   -2201.410
 1.00000   -6.714306   -84.782449   -0.689065
-729.228002   -73.447435   -2518.181

 COMB DL-G3-3 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   11.117947   559.263802   11.049175
394.843988    52.260423    3150.907
 0.25000   11.117947   582.503737   11.049175
394.843988    45.200299    2773.938
 0.50000   11.117947   607.115375   11.049175
394.843988    39.531952    2410.987
 0.75000   11.117947   632.637255   11.049175
394.843988    35.102853    2093.781
 1.00000   11.117947   658.571441   11.049175
394.843988    32.127864    1820.763

 COMB DL-G3-3 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -8.011799 -146.483195   -3.196938
-658.357512   -53.087391   -2207.483
 0.25000   -8.011799 -128.349965   -3.196938
-658.273937   -56.166523   -2191.423
 0.50000   -8.011799 -110.933073   -3.196938
-658.190362   -60.030701   -2366.306
 0.75000   -8.011799   -94.670735   -3.196938
-658.106787   -64.703633   -2628.703
 1.00000   -8.011799   -80.036782   -3.196938
-658.023212   -71.059131   -2981.365

 COMB DL-G3-4 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   13.124600   525.218314    9.712588
590.822051    58.633580    3084.907
 0.25000   13.124600   544.591530    9.712588
590.822051    54.693635    2709.675
 0.50000   13.124600   565.108306    9.712588
590.822051    52.254136    2346.803
 0.75000   13.124600   586.384002    9.712588
590.822051    51.325816    2023.489
 1.00000   13.124600   608.003574    9.712588
590.822051    52.318890    1747.163
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1493

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.945218 -129.482304   -8.415761
-594.111948   -72.215219   -2207.429
 0.25000   -9.945218 -114.364764   -8.415761
-594.024868   -69.848565   -2304.275
 0.50000   -9.945218   -99.844538   -8.415761
-593.937788   -68.619912   -2445.564
 0.75000   -9.945218   -86.286898   -8.415761
-593.850708   -68.886435   -2660.574
 1.00000   -9.945218   -74.086780   -8.415761
-593.763628   -71.016461   -2958.993

 COMB      DB ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    7.081577   484.973681    9.405418
632.480674    56.648110    3096.737
 0.25000    7.081577   509.300617    9.405418
632.499911    48.552728    2793.155
 0.50000    7.081577   535.164437    9.405418
632.523874    45.332142    2480.279
 0.75000    7.081577   562.038760    9.405418
632.554405    46.108781    2165.338
 1.00000    7.081577   589.454551    9.405418
640.210104    49.368448    1848.368

 COMB      DB ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -6.222394 -202.275217   -9.829006
-605.526154   -65.503760   -1659.815
 0.25000   -6.222394 -172.930234   -9.829006
-605.526154   -57.285067   -1728.788
 0.50000   -6.222394 -144.791551   -9.829006
-605.526154   -53.980424   -1797.905
 0.75000   -6.222394 -118.434007   -9.829006
-605.526154   -52.136587   -1867.137
 1.00000   -6.222394   -94.362394   -9.829006
-605.526154   -50.888815   -1948.803

 COMB      DL ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   13.193352   559.263802   12.854641
800.545464    58.633580    3150.907
 0.25000   13.193352   582.503737   12.854641
800.930186    56.216312    2773.938
 0.50000   13.193352   607.115375   12.854641
801.358325    57.844461    2410.987
 0.75000   13.193352   632.637255   12.854641
801.820185    64.189760    2093.781
 1.00000   13.193352   658.571441   12.854641
802.304194    72.426286    1820.763

 COMB      DL ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.945218 -157.176301   -13.941219
-727.308006   -72.215219   -2207.429
 0.25000   -9.945218 -137.423236   -13.941219
-727.788005   -69.848565   -2304.275
 0.50000   -9.945218 -118.446951   -13.941219
-728.266084   -68.619912   -2445.564
 0.75000   -9.945218 -100.726933   -13.941219
-728.748003   -68.886435   -2660.574
 1.00000   -9.945218   -84.782449   -13.941219
-729.228002   -73.447435   -2981.365

 COMB      CAR ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   13.193352   559.263802   12.854641
800.545464    58.633580    3150.907
 0.25000   13.193352   582.503737   12.854641
800.930186    56.216312    2793.155
 0.50000   13.193352   607.115375   12.854641
801.358325    57.844461    2480.279
 0.75000   13.193352   632.637255   12.854641
801.820185    64.189760    2165.338
 1.00000   13.193352   658.571441   12.854641
802.304194    72.426286    1848.368
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1494

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.945218 -202.275217   -13.941219
-727.308006   -72.215219   -2207.429
 0.25000   -9.945218 -172.930234   -13.941219
-727.788005   -69.848565   -2304.275
 0.50000   -9.945218 -144.791551   -13.941219
-728.266084   -68.619912   -2445.564
 0.75000   -9.945218 -118.434007   -13.941219
-728.748003   -68.886435   -2660.574
 1.00000   -9.945218   -94.362394   -13.941219
-729.228002   -73.447435   -2981.365

 COMB      DESIGN ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   13.193352   559.263802   12.854641
800.545464    58.633580    3150.907
 0.25000   13.193352   582.503737   12.854641
800.930186    56.216312    2793.155
 0.50000   13.193352   607.115375   12.854641
801.358325    57.844461    2480.279
 0.75000   13.193352   632.637255   12.854641
801.820185    64.189760    2165.338
 1.00000   13.193352   658.571441   12.854641
802.304194    72.426286    1848.368

 COMB      DESIGN ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -9.945218 -202.275217   -13.941219
-727.308006   -72.215219   -2207.429
 0.25000   -9.945218 -172.930234   -13.941219
-727.788005   -69.848565   -2304.275
 0.50000   -9.945218 -144.791551   -13.941219
-728.266084   -68.619912   -2445.564
 0.75000   -9.945218 -118.434007   -13.941219
-728.748003   -68.886435   -2660.574
 1.00000   -9.945218   -94.362394   -13.941219
-729.228002   -73.447435   -2981.365

 ELEM    120 ================== LENGTH
=     4.928335

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    3.611444   49.784336    2.231294
307.949996    33.467529   176.461652
 0.25000    3.611444   49.796438    2.231294
307.966934    32.379730   175.719126
 0.50000    3.611444   49.809097    2.231294
308.000151    31.460854   176.120854
 0.75000    3.611444   49.822104    2.231294
308.035145    30.660712   176.534714
 1.00000    3.611444   49.836683    2.231294
308.075180    29.994493   177.008575

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -3.605318   -28.955858   -5.094504
-131.380554   -18.332866   -395.212338
 0.25000   -3.605318   -28.941541   -5.094504
-131.338428   -13.836653   -364.601264
 0.50000   -3.605318   -28.929376   -5.094504
-131.301607   -10.214549   -334.802820
 0.75000   -3.605318   -28.917969   -5.094504
-131.266503   -7.901953   -305.759513
 1.00000   -3.605318   -28.907591   -5.094504
-131.244970   -7.059437   -277.816419

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    5.784855   115.472135    2.142101
535.749251    50.109738   352.060389
 0.25000    5.784855   115.484232    2.142101
535.765777    51.305439   331.708346
 0.50000    5.784855   115.496886    2.142101
535.798676    52.728495   332.354157
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                        1495

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000    5.784855   115.509889    2.142101
535.833614    54.370410   333.826083
 1.00000    5.784855   115.524458    2.142101
535.873581    56.901477   336.012910

 COMB DB-G1-2 ------------------ MIN

 REL DIST            P            V2           V3
    T           M2           M3
 0.00000   -5.778112   -46.977857   -10.759855
-207.862509   -33.418720   -815.568697
 0.25000   -5.778112   -46.963551   -10.759855
-207.820453   -21.952520   -772.041700
 0.50000   -5.778112   -46.951393   -10.759855
-207.783687   -12.358510   -729.931402
 0.75000   -5.778112   -46.939992   -10.759855
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-207.748636   -8.708061 -689.003260
 1.00000    -5.778112   -46.929619   -10.759855
-207.727681   -9.741181 -649.436369

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.038265  217.106591     2.049230
650.536598   45.379141  657.242409
 0.25000    6.038265  217.117479     2.049230
650.551546   46.746667  526.052895
 0.50000    6.038265  217.128868     2.049230
650.581212   48.342703  471.756608
 0.75000    6.038265  217.140572     2.049230
650.612667   50.126597  479.670741
 1.00000    6.038265  217.153686     2.049230
650.648649   52.465297  487.633997

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.906648  -48.207780   -10.517910
-225.305350   -35.821699   -1305.502
 0.25000   -5.906648  -48.194903   -10.517910
-225.267487   -24.808375   -1278.006
 0.50000   -5.906648  -48.183959   -10.517910
-225.234388   -15.359492   -1251.750
 0.75000   -5.906648  -48.173697   -10.517910
-225.202832   -10.125849   -1226.839
 1.00000   -5.906648  -48.164361   -10.517910
-225.183869    -9.801667   -1203.092

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.700725  364.592390     5.226776
626.868050   44.838724   1188.247
 0.25000    6.700725  375.966047     5.226776
626.868050   43.333290   970.979310
 0.50000    6.700725  387.890502     5.226776
629.700501   42.750513   812.271294
 0.75000    6.700725  400.158260     5.226776
652.677956   44.294629   703.381128
 1.00000    6.700725  413.593072     5.226776
680.085858   46.296863   615.235888

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -6.551018 -101.013523     -8.881689
-402.027513   -44.056852    -1667.195
 0.25000   -6.551018   -88.032329     -8.881689
-375.130050   -35.868886    -1684.362
 0.50000   -6.551018   -76.695933     -8.881689
-352.124029   -29.062383    -1702.620
 0.75000   -6.551018   -66.087550     -8.881689
-329.171997   -26.232640    -1722.004
 1.00000   -6.551018   -56.613848     -8.881689
-329.171997   -27.702636    -1742.404

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    1.994632   93.907869     0.466861
243.606826   13.176948  255.459158
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1496

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
      T           M2           M3
 0.25000    1.994632   94.040964     0.466861
243.791329   15.868658  193.378306
 0.50000    1.994632   94.180189     0.466861
244.155319   18.657188  189.672820
 0.75000    1.994632   94.323253     0.466861
244.540004   21.548879  192.589746
 1.00000    1.994632   94.483576     0.466861
244.980090   25.001041  195.587037

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -1.992683  -17.704764     -5.614903
-73.752393   -15.471401   -548.605973
 0.25000   -1.992683  -17.547324     -5.614903
-73.289315    -8.682162   -542.452483
 0.50000   -1.992683  -17.413541     -5.614903
-72.884521    -2.691130   -536.663448
 0.75000   -1.992683  -17.288090     -5.614903
-72.498613    -2.245862   -531.456077
 1.00000   -1.992683  -17.173952     -5.614903
-72.264293    -2.479683   -526.605264

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    2.877535  248.468333     2.054007
410.915012   12.639829  767.284744
 0.25000    2.877535  248.480432     2.054007
410.931703   15.041118  553.518546
 0.50000    2.877535  248.493088     2.054007
410.964729   17.600347  438.917787
 0.75000    2.877535  248.506092     2.054007
410.999690   20.264319  412.066432
 1.00000    2.877535  248.520665     2.054007
411.039684   23.457169  402.943200

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -2.734308  -24.190516     -5.449208
-136.083070   -22.616775    -1218.485
 0.25000   -2.734308  -24.176206     -5.449208
-136.040986   -16.901781    -1237.047
 0.50000   -2.734308  -24.164045     -5.449208
-136.004197   -12.242584    -1255.874
 0.75000   -2.734308  -24.152642     -5.449208
-135.969125   -11.374584    -1275.360
 1.00000   -2.734308  -24.142056     -5.449208
-135.947939   -11.680303    -1294.970

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    5.311443  268.441190     2.446028
612.824594   35.735321  832.398010
 0.25000    5.311443  268.452079     2.446028
612.839616   38.042690  640.806311
 0.50000    5.311443  268.463469     2.446028
612.869340   40.492552  538.733330
 0.75000    5.311443  268.475174     2.446028
612.900804   43.033467  515.331232
 1.00000    5.311443  268.488289     2.446028
612.936799   45.981618  507.949879

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.191259  -43.454741     -9.526989
-220.204007   -34.963548    -1436.049
 0.25000   -5.191259  -43.441862     -9.526989
-220.166131   -24.738450    -1430.383
 0.50000   -5.191259  -43.430917     -9.526989
-220.133022   -15.614474    -1425.569
 0.75000   -5.191259  -43.420654     -9.526989
-220.101457   -14.198799    -1421.957
 1.00000   -5.191259  -43.411316     -9.526989
-220.082389   -14.833023    -1419.331
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1497

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.822023  439.505367     6.052415
589.941630   41.711011   1433.614
 0.25000    6.822023  457.075655     6.052415
589.941630   39.225704   1127.155
 0.50000    6.822023  475.555167     6.052415
589.941630   37.249276   970.393236
 0.75000    6.822023  494.597068     6.052415
589.941630   37.867382   803.353884
 1.00000    6.822023  514.799480     6.052415
591.210529   40.378400   665.828530

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -6.652487 -121.195300     -8.010599
-461.203533   -47.376896    -1811.717
 0.25000   -6.652487 -102.125160     -8.010599
-435.008945   -39.857531    -1859.779
 0.50000   -6.652487  -84.810842     -8.010599
-417.836099   -33.266692    -1908.588
 0.75000   -6.652487  -68.652467     -8.010599
-417.836099   -33.030441    -1958.535
 1.00000   -6.652487  -55.476914     -8.010599
-417.836099   -34.472356    -2009.604

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    4.149735  346.887499     6.828661
169.375780   23.022766   1187.316
 0.25000    4.149735  369.634832     6.828661
169.375780   16.784499   1005.207
 0.50000    4.149735  393.717234     6.828661
169.375780   11.490972   797.030766
 0.75000    4.149735  418.606789     6.828661
169.375780    7.491096  563.307901
 1.00000    4.149735  443.386087     6.828661
169.375780    5.010653  372.124214

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -4.028369 -103.663331     -0.576748
-496.321817   -30.952092   -963.258197
 0.25000   -4.028369   -81.235495     -0.576748
-496.321817   -32.392647    -1053.977
 0.50000   -4.028369   -59.311503     -0.576748
-496.321817   -33.940264    -1144.979
 0.75000   -4.028369   -38.970377     -0.576748
-496.321817   -35.540607    -1236.579
 1.00000   -4.028369   -25.586727     -0.576748
-496.321817   -37.146415    -1328.187

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    5.485382  517.558463    10.279274
300.814699   27.342278   1775.081
 0.25000    5.485382  544.646034    10.279274
300.814699   20.146489   1453.780
 0.50000    5.485382  573.255225    10.279274
300.814699   13.881380   1124.849
 0.75000    5.485382  602.802225    10.279274
300.814699    9.161541  818.485149
 1.00000    5.485382  632.768455    10.279274
300.814699    6.650395  577.892417

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.167144 -133.104618     -0.556238
-587.494308   -42.185854    -1598.870
 0.25000   -5.167144 -105.784812     -0.556238
-587.494308   -44.959034    -1721.668
 0.50000   -5.167144   -79.517140     -0.556238
-587.494308   -48.324297    -1844.625
 0.75000   -5.167144   -55.109012     -0.556238
-587.494308   -52.659657    -1968.473
 1.00000   -5.167144   -37.895570     -0.556238
-587.494308   -57.347008    -2092.403
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1498

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.025248  556.584361     8.524147
456.472210   28.567756   1849.088
 0.25000    6.025248  581.421801     8.524147
456.472210   23.320009   1482.365
 0.50000    6.025248  607.649404     8.524147
456.472210   18.957550   1171.580
 0.75000    6.025248  634.732245     8.524147
456.472210   16.045978   906.332988
 1.00000    6.025248  662.251764     8.524147
456.472210   15.396074   695.808399

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.808938 -131.218792     -3.222963
-570.410683   -46.613867    -1949.330
 0.25000   -5.808938 -106.110699     -3.222963
-570.410683   -45.269967    -2061.190
 0.50000   -5.808938   -82.101163     -3.222963
-570.410683   -44.447016    -2173.266
 0.75000   -5.808938   -59.615967     -3.222963
-570.410683   -44.866751    -2286.433
 1.00000   -5.808938   -43.710538     -3.222963
-570.410683   -46.300526    -2399.652

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    7.135586  507.879699     7.546955
580.124647   41.429087   1664.246
 0.25000    7.135586  528.587494     7.546955
580.124647   38.151979   1357.871
 0.50000    7.135586  550.454107     7.546955
580.124647   35.679844   1099.980
 0.75000    7.135586  573.033681     7.546955
580.124647   34.455836   880.368746
 1.00000    7.135586  595.979029     7.546955
580.124647   35.458590   706.266762

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -6.942183 -126.249937     -7.224930
-549.058698   -41.387591    -1936.788
 0.25000   -6.942183 -105.313821     -7.224930
-549.058698   -44.890252    -2014.177
 0.50000   -6.942183   -85.219914     -7.224930
-549.058698   -39.496556    -2092.193
 0.75000   -6.942183   -66.548679     -7.224930
-549.058698   -40.297560    -2171.708
 1.00000   -6.942183   -53.283743     -7.224930
-549.058698   -41.999077    -2251.699

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.806311  65.152434     2.909048
421.874939   47.863711  341.872080
 0.25000    6.806311  65.160421     2.909048
421.889124   48.598755  300.047430
 0.50000    6.806311  65.168876     2.909048
421.904767   50.300632  270.950774
 0.75000    6.806311  65.177656     2.909048
421.921530   52.728427  252.857558
 1.00000    6.806311  65.186636     2.909048
421.939059   55.833632  243.199679

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.658986  -36.540857     -6.189980
-174.073903   -18.737998   -540.843148
 0.25000   -5.658986  -36.534577     -6.189980
-174.054611   -15.431418   -518.025059
 0.50000   -5.658986  -36.528653     -6.189980
-174.036270   -13.327683   -511.453215
 0.75000   -5.658986  -36.523206     -6.189980
-174.019245   -12.435150   -523.575375
 1.00000   -5.658986  -36.518392     -6.189980
-174.003834   -12.715079   -545.579803
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1499

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   10.726717  148.758565     3.180547
728.434561   71.773379  634.816952
 0.25000   10.726717  148.766550     3.180547
728.448701   77.973711  549.627502
 0.50000   10.726717  148.775002     3.180547
728.464295   85.747183  495.390990
 0.75000   10.726717  148.783780     3.180547
728.481006   96.413169  464.934552
 1.00000   10.726717  148.792756     3.180547
728.498483  108.489618  451.970572

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -9.298252  -57.813175    -14.645069
-270.131520   -32.753745    -1123.693
 0.25000   -9.298252  -57.806901    -14.645069
-270.112271   -23.609025    -1125.835
 0.50000   -9.298252  -57.800982    -14.645069
-270.093965   -17.052116    -1162.111
 0.75000   -9.298252  -57.795540    -14.645069
-270.076981   -15.546311    -1229.500
 1.00000   -9.298252  -57.790731    -14.645069
-270.061603   -16.282496    -1316.929

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   11.568677  289.570897     3.244922
850.484162   65.461336   1005.336
 0.25000   11.568677  289.806871     3.244922
850.891607   69.906809   842.748778
 0.50000   11.568677  290.050314     3.244922
851.340952   76.780871   732.581661
 0.75000   11.568677  290.303115     3.244922
851.822476   86.322733  684.913528
 1.00000   11.568677  290.561640     3.244922
852.326062   97.515826  666.161968

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -9.543391  -61.208448    -14.165493
-292.018523   -35.909250    -1884.296
 0.25000   -9.543391  -61.027729    -14.165493
-291.463935   -26.153312    -1984.741
 0.50000   -9.543391  -60.857254    -14.165493
-290.936529   -19.133656    -2137.186
 0.75000   -9.543391  -60.704467    -14.165493
-290.447228   -16.562394    -2337.130
 1.00000   -9.543391  -60.561959    -14.165493
-290.004191   -16.832130    -2570.815

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   12.591330  456.096533     7.258031
795.039534   62.175913   1410.280
 0.25000   12.591330  467.901040     7.258031
802.816338   63.402615   1204.356
 0.50000   12.591330  480.384163     7.258031
821.816544   67.465966   1046.501
 0.75000   12.591330  493.322815     7.258031
842.294428   75.291620  948.043846
 1.00000   12.591330  506.530840     7.258031
863.738240   84.742981  880.618335

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000  -10.192065 -102.950712    -11.973568
-501.714748   -53.413919    -2447.550
 0.25000  -10.192065   -94.064716    -11.973568
-476.680263   -48.084261   -2408.760
 0.50000  -10.192065   -85.652222    -11.973568
-452.813868   -45.614339    -2973.424
 0.75000  -10.192065   -77.946212    -11.973568
-430.638962   -47.837643    -3327.456
 1.00000  -10.192065   -71.123435    -11.973568
-412.103029   -52.711609    -3731.350
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1500

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    3.745796  117.724023     0.712266
317.786901   19.063715  376.230573
 0.25000    3.745796  117.803872     0.712266
317.928297   24.065510  310.663499
 0.50000    3.745796  117.888396     0.712266
318.084239   30.523328  276.461538
 0.75000    3.745796  117.976769     0.712266
318.251351   38.849671  260.487940
 1.00000    3.745796  118.065929     0.712266
318.426120   47.989577  255.733668

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -3.390411  -19.423310     -8.495730
-90.118178   -14.030121   -767.648363
 0.25000   -3.390411  -19.360570     -8.495730
-89.925684    -8.270501   -822.786414
 0.50000   -3.390411  -19.301386     -8.495730
-89.760423    -3.935867   -897.049730
 0.75000   -3.390411  -19.246965     -8.495730
-89.572788    -3.629868   -988.171892
 1.00000   -3.390411  -19.198869     -8.495730
-89.419011    -4.367751    -1092.229

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    5.801874  321.765348     2.939558
489.239705   18.849342  923.932627
 0.25000    5.801874  321.773334     2.939558
489.253884   21.736966  747.747279
 0.50000    5.801874  321.781789     2.939558
489.269518   26.650420  629.040857
 0.75000    5.801874  321.790569     2.939558
489.286272   33.581637  582.301100
 1.00000    5.801874  321.799548     2.939558
489.303792   41.507308  570.892311

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -4.491489  -30.524981     -8.008352
-158.212316   -25.079252    -1785.960
 0.25000   -4.491489  -30.518702     -8.008352
-158.193031   -20.278734    -1874.638
 0.50000   -4.491489  -30.512779     -8.008352
-158.174697   -17.559776    -2206.524
 0.75000   -4.491489  -30.507332     -8.008352
-158.157678   -18.734472    -2477.622
 1.00000   -4.491489  -30.502519     -8.008352
-158.142273   -21.028795    -2782.517

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   10.250428  348.261242     3.551957
772.722443   51.693011   1101.434
 0.25000   10.250428  348.268430     3.551957
772.735204   56.565831   909.359240
 0.50000   10.250428  348.276039     3.551957
772.749275   64.165659   779.834297
 0.75000   10.250428  348.283941     3.551957
772.764353   74.490741   724.613782
 1.00000   10.250428  348.292022     3.551957
772.780122   86.937981   708.443018

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -8.404241  -54.604746    -13.316186
-270.520793   -37.151220    -2133.741
 0.25000   -8.404241  -54.599095    -13.316186
-270.503436   -28.609284    -2288.290
 0.50000   -8.404241  -54.593764    -13.316186
-270.486935   -22.971756    -2499.588
 0.75000   -8.404241  -54.588863    -13.316186
-270.471619   -22.852869    -2745.030
 1.00000   -8.404241  -54.584531    -13.316186
-270.457754   -25.801853    -3028.287
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1501

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   12.370880  543.846173     7.885742
742.029412   54.444876   1582.787
 0.25000   12.370880  562.144743     7.885742
742.026780   54.820046   1358.293
 0.50000   12.370880  581.438583     7.885742
742.361454   58.155300   1178.493
 0.75000   12.370880  601.388085     7.885742
744.491184   64.865805   1053.692
 1.00000   12.370880  621.692752     7.885742
766.534884   75.173194   958.101282

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000  -10.165939 -115.401330    -11.186664
-593.786921   -61.821503    -2747.401
 0.25000  -10.165939 -102.534939    -11.186664
-564.763075   -57.277065    -3056.207
 0.50000  -10.165939   -90.332294    -11.186664
-536.982987   -55.540235    -3435.162
 0.75000  -10.165939   -79.157341    -11.186664
-529.236233   -58.935095    -3866.183
 1.00000  -10.165939   -69.242645    -11.186664
-523.439334   -65.745262    -4354.456

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    6.446988  415.488354     8.008699
212.864652   21.346854   1059.794
 0.25000    6.446988  439.770264     8.008699
212.864652   16.161388   932.790155
 0.50000    6.446988  465.278027     8.008699
212.864652   11.889022   806.006939
 0.75000    6.446988  491.556043     8.008699
212.864652    9.025813   681.440707
 1.00000    6.446988  518.129882     8.008699
212.864652    7.519818   563.468061

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -5.497863  -86.132788     -0.627436
-637.108555   -53.118618    -1528.835
 0.25000   -5.497863  -71.230708     -0.627436
-641.447069   -57.150252    -1825.256
 0.50000   -5.497863  -57.017091     -0.627436
-645.785583   -61.835906    -2159.550
 0.75000   -5.497863  -43.996777     -0.627436
-650.124096   -67.248852    -2533.183
 1.00000   -5.497863  -32.525194     -0.627436
-654.462523   -73.395952    -2949.068

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000    9.054691  629.931632    12.542303
343.116136   26.998296   1631.170
 0.25000    9.054691  657.724147    12.542303
343.116136   20.605468   1401.995
 0.50000    9.054691  686.935620    12.542303
343.116136   15.826425   1195.800
 0.75000    9.054691  717.034273    12.542303
343.116136   12.572807   1027.167
 1.00000    9.054691  747.547232    12.542303
343.116136   10.872879   889.199501

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   -7.167772  -112.571935     -0.819194
-752.329746   -72.575032    -2516.896
 0.25000   -7.167772   -94.960706     -0.819194
-752.809728   -79.911583    -2850.723
 0.50000   -7.167772   -78.185623     -0.819194
-753.289711   -88.637786    -3444.020
 0.75000   -7.167772   -62.822381     -0.819194
-753.769694   -98.974847    -3996.533
 1.00000   -7.167772   -49.265519     -0.819194
-754.249668   -110.271771    -4618.555
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                      1502

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
      T           M2           M3
 0.00000   10.486082  684.280410    10.662138
545.475753   30.471499   1821.240
 0.25000   10.486082  709.718284    10.662138
545.475753   26.122279   1549.941
 0.50000   10.486082  736.461933    10.662138
545.475753   24.066262   1324.883
 0.75000   10.486082  764.010339    10.662138
545.475753   24.351827   1159.742
 1.00000   10.486082  791.952836    10.662138
545.475753   26.552006   1028.990
```

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.399166	-113.452482	-4.811000
-732.283308	-71.503757	-2980.489	
0.25000	-8.399166	-97.267576	-4.811000
-732.199736	-73.347856	-3441.972	
0.50000	-8.399166	-81.855125	-4.811000
-732.116164	-77.217664	-3975.582	
0.75000	-8.399166	-67.738026	-4.811000
-732.032592	-83.657362	-4579.092	
1.00000	-8.399166	-55.280061	-4.811000
-731.949021	-91.796669	-5253.259	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.543260	627.292922	9.564752
726.363290	50.713573	1746.779	
0.25000	12.543260	648.497817	9.564752
726.363290	50.453626	1490.732	
0.50000	12.543260	670.791294	9.564752
726.363290	53.250382	1284.202	
0.75000	12.543260	693.756213	9.564752
726.363290	59.553873	1136.459	
1.00000	12.543260	717.049264	9.564752
726.363290	68.136889	1024.090	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.440267	-115.315879	-10.719599
-705.404422	-71.699990	-2958.159	
0.25000	-10.440267	-101.822049	-10.719599
-705.317345	-68.699740	-3340.788	
0.50000	-10.440267	-88.972332	-10.719599
-705.230268	-68.487771	-3793.920	
0.75000	-10.440267	-77.202870	-10.719599
-705.143191	-73.944294	-4314.705	
1.00000	-10.440267	-66.815466	-10.719599
-705.056116	-81.520434	-4901.388	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.135586	556.584361	10.279274
650.536598	50.109738	1849.088	
0.25000	7.135586	581.421800	10.279274
650.551546	51.305439	1482.365	
0.50000	7.135586	607.649404	10.279274
650.581212	52.728495	1171.580	
0.75000	7.135586	634.732245	10.279274
652.677956	54.370410	906.332988	
1.00000	7.135586	662.251764	10.279274
680.085858	56.901477	706.266762	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.942183	-133.104618	-10.759855
-587.494308	-51.387591	-1949.330	
0.25000	-6.942183	-106.110699	-10.759855
-587.494308	-45.269967	-2061.190	
0.50000	-6.942183	-85.219914	-10.759855
-587.494308	-48.324297	-2173.266	
0.75000	-6.942183	-68.652467	-10.759855
-587.494308	-53.699657	-2286.433	
1.00000	-6.942183	-56.613848	-10.759855
-587.494308	-57.347008	-2399.652	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1503

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.591330	684.280410	12.542303
850.484162	71.773379	1821.240	
0.25000	12.591330	709.718284	12.542303
850.891607	77.573711	1549.941	
0.50000	12.591330	736.461933	12.542303
851.340952	85.747183	1324.883	
0.75000	12.591330	764.010339	12.542303
851.822476	96.413169	1159.742	
1.00000	12.591330	791.952836	12.542303
863.738240	108.489618	1028.990	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.440267	-115.401330	-14.645069
-752.329746	-72.575032	-2980.489	
0.25000	-10.440267	-102.534930	-14.645069
-752.809728	-79.915853	-3441.972	
0.50000	-10.440267	-90.332294	-14.645069
-753.289711	-88.637786	-3975.582	
0.75000	-10.440267	-79.157341	-14.645069
-753.769694	-98.974847	-4579.092	
1.00000	-10.440267	-71.123435	-14.645069
-754.249668	-110.271771	-5253.259	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.591330	684.280410	12.542303
850.484162	71.773379	1849.088	
0.25000	12.591330	709.718284	12.542303
850.891607	77.573711	1549.941	
0.50000	12.591330	736.461933	12.542303
851.340952	85.747183	1324.883	
0.75000	12.591330	764.010339	12.542303
851.822476	96.413169	1159.742	
1.00000	12.591330	791.952836	12.542303
863.738240	108.489618	1028.990	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.440267	-133.104618	-14.645069
-752.329746	-72.575032	-2980.489	
0.25000	-10.440267	-106.110699	-14.645069
-752.809728	-79.915853	-3441.972	
0.50000	-10.440267	-90.332294	-14.645069
-753.289711	-88.637786	-3975.582	
0.75000	-10.440267	-79.157341	-14.645069
-753.769694	-98.974847	-4579.092	
1.00000	-10.440267	-71.123435	-14.645069
-754.249668	-110.271771	-5253.259	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.591330	684.280410	12.542303
850.484162	71.773379	1849.088	
0.25000	12.591330	709.718284	12.542303
850.891607	77.573711	1549.941	
0.50000	12.591330	736.461933	12.542303
851.340952	85.747183	1324.883	
0.75000	12.591330	764.010339	12.542303
851.822476	96.413169	1159.742	
1.00000	12.591330	791.952836	12.542303
863.738240	108.489618	1028.990	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.440267	-133.104618	-14.645069
-752.329746	-72.575032	-2980.489	
0.25000	-10.440267	-106.110699	-14.645069
-752.809728	-79.915853	-3441.972	
0.50000	-10.440267	-90.332294	-14.645069
-753.289711	-88.637786	-3975.582	
0.75000	-10.440267	-79.157341	-14.645069
-753.769694	-98.974847	-4579.092	
1.00000	-10.440267	-71.123435	-14.645069
-754.249668	-110.271771	-5253.259	

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.932248	40.107326	3.045670
279.555162	30.664328	176.899221	
0.25000	3.932248	40.116606	3.045670
279.580569	29.431431	175.443466	
0.50000	3.932248	40.125996	3.045670
279.606395	28.279845	173.993653	
0.75000	3.932248	40.135450	3.045670
279.632735	27.249727	172.628458	
1.00000	3.932248	40.144765	3.045670
279.658999	28.182867	171.274305	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.966961	-48.272625	-3.628362
-196.618488	-7.237867	-277.283899	
0.25000	-3.966961	-48.263475	-3.628362
-196.589871	-6.671001	-242.518429	
0.50000	-3.966961	-48.254713	-3.628362
-196.562713	-6.674423	-231.409657	
0.75000	-3.966961	-48.247767	-3.628362
-196.536771	-6.971939	-261.558578	
1.00000	-3.966961	-48.242522	-3.628362
-196.522802	-7.280577	-292.256800	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.299150	96.076699	3.453043
479.074685	57.837049	335.853798	
0.25000	6.299150	96.085971	3.453043
479.100051	57.094838	335.377450	
0.50000	6.299150	96.095360	3.453043
479.125838	56.515497	334.918938	
0.75000	6.299150	96.104810	3.453043
479.152140	56.176904	334.527688	
1.00000	6.299150	96.114122	3.453043
479.178367	58.274022	334.185047	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.357167	-86.400505	-7.729743
-334.588228	-9.302119	-648.566063	
0.25000	-6.357167	-86.391361	-7.729743
-334.559651	-9.730916	-592.339222	
0.50000	-6.357167	-86.382606	-7.729743
-334.532565	-10.191230	-595.704909	
0.75000	-6.357167	-86.375698	-7.729743
-334.506966	-10.675322	-667.819729	
1.00000	-6.357167	-86.370458	-7.729743
-334.493323	-11.177777	-741.273285	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.440640	194.299265	3.426825
580.866461	53.914978	487.495036	
0.25000	6.440640	194.307614	3.426825
580.889298	53.216062	491.209175	
0.50000	6.440640	194.316061	3.426825
580.912514	52.711876	494.940673	
0.75000	6.440640	194.324567	3.426825
580.936193	52.451968	498.731062	
1.00000	6.440640	194.332948	3.426825
580.959804	54.342408	502.566522	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.494295	-100.462603	-7.434662
-399.283231	-9.687008	-1202.184	
0.25000	-6.494295	-100.454372	-7.434662
-399.257504	-9.174877	-1151.253	
0.50000	-6.494295	-100.446491	-7.434662
-399.233114	-9.644904	-1201.024	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1505

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-6.494295	-100.440267	-7.434662
-399.209793	-10.231254	-1343.815	
1.00000	-6.494295	-100.435550	-7.434662
-399.197676	-10.833442	-1489.140	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.245639	375.005466	5.332891
604.192042	47.361224	615.153817	
0.25000	7.245639	383.681544	5.332891
604.192951	46.765985	596.713209	
0.50000	7.245639	392.483221	5.332891
614.673856	46.335894	591.543655	
0.75000	7.245639	401.364277	5.332891
632.505645	46.110211	600.594356	
1.00000	7.245639	410.126186	5.332891
649.191273	47.676584	609.682600	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.252156	-121.573071	-6.830783
-512.493449	-27.236764	-1741.924	
0.25000	-7.252156	-113.191529	-6.830783
-495.031683	-27.369777	-1736.083	
0.50000	-7.252156	-106.395855	-6.830783
-477.057631	-28.931320	-1845.565	
0.75000	-7.252156	-101.432903	-6.830783
-468.371545	-30.646231	-2071.674	
1.00000	-7.252156	-96.733937	-6.830783
-468.371545	-32.564795	-2303.275	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.172406	83.446709	0.304422
211.547717	25.375638	195.549944	
0.25000	2.172406	83.541877	0.304422
211.827013	25.945434	197.678647	
0.50000	2.172406	83.652042	0.304422
212.110931	26.539802	199.873162	
0.75000	2.172406	83.756020	0.304422
212.400507	27.275494	202.262089	
1.00000	2.172406	83.858472	0.304422
212.689249	28.306204	204.656793	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.190158	-41.151051	-4.037449
-145.960199	-2.438528	-526.299252	
0.25000	-2.190158	-41.050427	-4.037449
-145.645584	-2.514637	-508.312262	
0.50000	-2.190158	-40.954078	-4.037449
-145.347163	-2.724738	-537.956722	
0.75000	-2.190158	-40.877835	-4.037449
-145.061967	-2.956236	-599.881550	
1.00000	-2.190158	-40.820165	-4.037449
-144.911089	-3.193442	-663.095915	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.025468	240.055210	1.494154
380.001205	24.233251	402.932089	
0.25000	3.025468	240.064487	1.494154
380.026588	24.895877	410.982012	
0.50000	3.025468	240.073874	1.494154
380.052390	25.620931	419.037972	
0.75000	3.025468	240.083326	1.494154
380.078708	26.523364	427.111601	
1.00000	3.025468	240.092639	1.494154
380.104950	27.694478	435.190606	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.026860	-60.945782	-3.854563
-258.994459	-11.839103	-1294.650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1506

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-3.026860	-60.936635	-3.854563
-258.965865	-11.794750	-1289.200	
0.50000	-3.026860	-60.927878	-3.854563
-258.938750	-12.718112	-1381.946	
0.75000	-3.026860	-60.920954	-3.854563
-258.912831	-13.696492	-1543.959	
1.00000	-3.026860	-60.915712	-3.854563
-258.899241	-14.687826	-1709.220	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.697070	252.341710	2.866338
560.085727	47.236335	507.861242	
0.25000	5.697070	252.350060	2.866338
560.108571	46.966283	514.429617	
0.50000	5.697070	252.358508	2.866338
560.131793	46.813960	521.036225	
0.75000	5.697070	252.367015	2.866338
560.155479	46.865719	527.658733	
1.00000	5.697070	252.375397	2.866338
560.179097	48.192349	534.329800	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.727387	-93.289698	-6.766712
-385.972319	-14.795925	-1418.635	
0.25000	-5.727387	-93.281467	-6.766712
-385.946585	-15.163696	-1386.530	
0.50000	-5.727387	-93.273685	-6.766712
-385.922182	-16.207361	-1466.624	
0.75000	-5.727387	-93.267354	-6.766712
-385.898854	-17.310788	-1640.046	
1.00000	-5.727387	-93.262636	-6.766712
-385.886623	-18.439929	-1816.881	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.405747	475.497525	5.402285
604.742010	41.120720	665.848471	
0.25000	7.405747	488.806674	5.402285
604.742010	40.923823	624.63616	
0.50000	7.405747	502.356667	5.402285
604.742010	40.824889	619.877156	
0.75000	7.405747	516.068705	5.402285
604.742010	40.895030	631.968633	
1.00000	7.405747	529.620278	5.402285
606.245122	42.025343	644.100529	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.381399	-115.066924	-6.806855
-533.808182	-23.803064	-2099.503	
0.25000	-7.381399	-105.227034	-6.806855
-525.377572	-34.249917	-2037.255	
0.50000	-7.381399	-97.819767	-6.806855
-525.377572	-36.039004	-2185.064	
0.75000	-7.381399	-90.645505	-6.806855
-525.377572	-38.036135	-2457.880	
1.00000	-7.381399	-84.819299	-6.806855
-525.377572	-40.291927	-2738.182	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.609508	437.963380	5.010465
298.884978	4.645498	372.404638	
0.25000	4.609508	454.953982	5.010465
298.884978	3.013925	286.278359	
0.50000	4.609508	472.385824	5.010465
298.884978	2.898433	287.697767	
0.75000	4.609508	490.126673	5.010465
298.884978	2.953606	298.152485	
1.00000	4.609508	507.716900	5.010465
298.884978	3.009598	308.607211	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1507

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.511592	-29.199225	-2.535621
-430.795661	-36.447481	-1329.104	
0.25000	-4.511592	-20.921572	-2.535621
-430.795661	-37.406494	-1427.918	
0.50000	-4.511592	-12.632081	-2.535621
-430.795661	-38.942509	-1563.700	
0.75000	-4.511592	-12.498645	-2.535621
-430.795661	-40.719296	-1778.038	
1.00000	-4.511592	-12.498645	-2.535621
-430.795661	-42.747104	-2002.190	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.976246	622.132523	7.236228
447.457424	5.973272	578.197957	
0.25000	5.976246	642.449593	7.236228
447.457424	6.018249	489.263490	
0.50000	5.976246	663.236751	7.236228
447.457424	6.063298	490.459292	
0.75000	5.976246	684.357665	7.236228
447.457424	6.112999	506.830662	
1.00000	5.976246	705.281645	7.236228
447.457424	6.173282	523.202255	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.777036	-54.830541	-2.896883
-547.890882	-56.377248	-2093.435	
0.25000	-5.777036	-44.496903	-2.896883
-547.890882	-58.338195	-2215.704	
0.50000	-5.777036	-34.179979	-2.896883
-547.890882	-61.259059	-2417.061	
0.75000	-5.777036	-28.240560	-2.896883
-547.890882	-64.493238	-2735.106	
1.00000	-5.777036	-28.240560	-2.896883
-547.890882	-68.049444	-3065.572	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.585606	642.213626	6.273236
560.541540	15.439686	696.065630	
0.25000	6.585606	660.850833	6.273236
560.541540	15.754355	618.027663	
0.50000	6.585606	679.913948	6.273236
560.541540	16.134089	621.330736	
0.75000	6.585606	599.279924	6.273236
560.541540	16.568835	638.958051	
1.00000	6.585606	718.463695	6.273236
560.541540	17.057342	656.587245	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.487405	-79.977313	-4.470199
-598.212392	-45.816875	-2400.366	
0.25000	-6.487405	-70.457906	-4.470199
-598.212392	-46.833979	-2500.313	
0.50000	-6.487405	-60.956680	-4.470199
-598.212392	-49.142797	-2716.021	
0.75000	-6.487405	-54.974323	-4.470199
-598.212392	-51.722649	-3064.711	
1.00000	-6.487405	-54.974923	-4.470199
-598.212392	-54.595687	-3425.384	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.776775	571.263430	5.935034
643.745406	35.846055	706.425103	
0.25000	7.776775	586.802146	5.935034
643.745406	36.009676	641.379218	
0.50000	7.776775	602.695785	5.935034
643.745406	36.246457	644.139101	
0.75000	7.776775	618.841825	5.935034
643.745406	36.643516	658.855192	
1.00000	7.776775	634.835900	5.935034
643.745406	37.695609	673.581101	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1508

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.718301	-99.146305	-6.980518
-621.620360	-41.404327	-2251.975	
0.25000	-7.718301	-91.207911	-6.980518
-621.620360	-42.144518	-2313.829	
0.50000	-7.718301	-83.285051	-6.980518
-621.620360	-44.233724	-2497.043	
0.75000	-7.718301	-78.280041	-6.980518
-621.620360	-46.567249	-2815.222	
1.00000	-7.718301	-78.280041	-6.980518
-621.620360	-49.138941	-3143.931	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.846046	55.603653	3.498212
396.251527	55.153872	242.878972	
0.25000	6.846046	55.609893	3.498212
396.263136	55.106011	237.376363	
0.50000	6.846046	55.616306	3.498212
396.275341	55.281765	233.996453	
0.75000	6.846046	55.622832	3.498212
396.288008	55.679843	233.583124	
1.00000	6.846046	55.629406	3.498212
396.301006	56.924744	237.677505	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.858154	-60.690587	-3.958289
-256.288745	-12.166917	-546.012698	
0.25000	-5.858154	-60.686287	-3.958289
-256.275038	-12.236622	-537.527915	
0.50000	-5.858154	-60.682235	-3.958289
-256.262028	-12.761535	-531.750326	
0.75000	-5.858154	-60.678520	-3.958289
-256.249845	-13.581840	-529.668142	
1.00000	-5.858154	-60.675166	-3.958289
-256.238585	-14.547874	-532.771353	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.630120	126.094956	4.008564
667.192376	107.047452	451.551946	
0.25000	10.630120	126.101194	4.008564
667.203952	110.111099	446.689193	
0.50000	10.630120	126.107607	4.008564
667.216125	113.463853	445.169883	
0.75000	10.630120	126.114131	4.008564
667.228758	117.094516	447.649802	
1.00000	10.630120	126.120703	4.008564
667.241722	121.629766	456.135726	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.593168	-107.421429	-8.764965
-428.533909	-15.623137	-1137.825	
0.25000	-9.593168	-107.417135	-8.764965
-428.530233	-15.748311	-1329.938	
0.50000	-9.593168	-107.413090	-8.764965
-428.517253	-16.485508	-1345.894	
0.75000	-9.593168	-107.409380	-8.764965
-428.505099	-17.398013	-1367.250	
1.00000	-9.593168	-107.406031	-8.764965
-428.493864	-18.449000	-1395.423	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.068981	263.038821	4.148229
774.612686	96.302409	665.722595	
0.25000	11.068981	263.217687	4.148229
774.946247	99.014704	660.291241	
0.50000	11.068981	263.402368	4.148229
775.296973	102.063696	661.531419	
0.75000	11.068981	263.590280	4.148229
775.660986	105.437082	668.168450	
1.00000	11.068981	263.779568	4.148229
776.034513	109.703454	680.268987	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1509

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.611967	-118.876617	-8.610240
-498.581875	-16.272925	-2571.883	
0.25000	-9.611967	-118.752925	-8.610240
-498.187867	-16.350001	-2681.976	
0.50000	-9.611967	-118.636377	-8.610240
-497.813900	-16.793555	-2800.499	
0.75000	-9.611967	-118.529521	-8.610240

```
-497.463726  -17.554235   -2926.645
 1.00000    -9.611967  -118.433039    -8.610240
-497.140042  -18.554125   -3059.088

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.184352   484.923372    6.032746
773.245429   83.291379   880.324277
 0.25000   12.184352   494.194649    6.032746
787.597020   85.594711   840.925558
 0.50000   12.184352   503.720100    6.032746
802.892915   88.183392   818.385519
 0.75000   12.184352   513.403601    6.032746
818.824336   91.043367   802.178760
 1.00000   12.184352   523.154183    6.032746
835.205752   94.653802   807.582382

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.394549  -138.437713    -7.739124
-645.182797   -52.072215   -3732.014
 0.25000  -10.394549  -132.542589    -7.739124
-627.577558   -53.437964   -3992.578
 0.50000  -10.394549  -126.982392    -7.739124
-610.819070   -55.422039   -4270.350
 0.75000  -10.394549  -121.893007    -7.739124
-595.112911   -57.707720   -4565.540
 1.00000  -10.394549  -117.311328    -7.739124
-581.929187   -60.225253   -4876.181

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.504598   103.727745    0.456237
277.958218   47.299350   255.622088
 0.25000    3.504598   103.790127    0.456237
278.073984   50.405005   256.877406
 0.50000    3.504598   103.854250    0.456237
278.195709   53.537016   259.762446
 0.75000    3.504598   103.919495    0.456237
278.322047   56.738179   263.886633
 1.00000    3.504598   103.985217    0.456237
278.451688   60.064350   269.494415

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.413920   -47.276253   -4.765483
-175.907739   -4.143958   -1092.710
 0.25000   -3.413920   -47.233315   -4.765483
-175.770984   -4.453432   -1139.805
 0.50000   -3.413920   -47.192856   -4.765483
-175.641184   -4.763954   -1188.915
 0.75000   -3.413920   -47.155762   -4.765483
-175.519643   -5.117301   -1240.020
 1.00000   -3.413920   -47.122270   -4.765483
-175.407296   -5.453645   -1292.907

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.214755   314.753945    1.907667
448.877036   40.801828   570.766753
 0.25000    5.214755   314.760184    1.907667
448.888639   43.476073   548.070814
 0.50000    5.214755   314.766597    1.907667
448.900839   46.307681   549.937125
 0.75000    5.214755   314.773123    1.907667
448.913500   49.302330   559.235479
 1.00000    5.214755   314.779697    1.907667
448.926493   52.397873   571.466211
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1510

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.358045   -68.067085   -4.690518
-297.837762   -21.166497   -2783.161
 0.25000   -4.358045   -68.062786   -4.690518
-297.824060   -21.660554   -2968.205
 0.50000   -4.358045   -68.058735   -4.690518
-297.811055   -22.617217   -3163.455
 0.75000   -4.358045   -68.055022   -4.690518
-297.798877   -23.869556   -3377.665
 1.00000   -4.358045   -68.051668   -4.690518
-297.787621   -25.190054   -3575.200

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.707525   332.040072    3.453649
710.991681   85.652885   708.125278
 0.25000    9.707525   332.045687    3.453649
711.002124   89.227107   685.460660
 0.50000    9.707525   332.051459    3.453649
711.013104   93.005133   686.553107
 0.75000    9.707525   332.057333    3.453649
711.024499   96.947534   694.460118
 1.00000    9.707525   332.063249    3.453649
711.036192  101.345643   707.621027

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.432938  -109.588016    -7.960955
-465.997930   -25.345766   -3028.924
 0.25000   -8.432938  -109.584147    -7.960955
-465.985598   -26.214975   -3181.843
 0.50000   -8.432938  -109.580501    -7.960955
-465.973894   -27.673190   -3358.493
 0.75000   -8.432938  -109.577159    -7.960955
-465.962934   -29.289018   -3557.855
 1.00000   -8.432938  -109.574141    -7.960955
-465.952803   -30.955739   -3751.892

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.995076   613.554722    5.885626
761.218650   73.416484   958.009608
 0.25000   11.995076   628.022170    5.885626
762.167883   76.426254   904.017529
 0.50000   11.995076   642.878000    5.885626
764.179564   79.602120   865.619299
 0.75000   11.995076   657.965182    5.885626
767.270345   82.902792   832.548363
 1.00000   11.995076   673.132661    5.885626
783.227330   86.600040   844.167584

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.432652  -132.811476    -7.647914
-690.243991   -65.060277   -4354.478
 0.25000  -10.432652  -124.721182    -7.647914
-669.096288   -66.872866   -4703.611
 0.50000  -10.432652  -117.118464    -7.647914
-664.194144   -69.467321   -5085.479
 0.75000  -10.432652  -110.140574    -7.647914
-660.371099   -72.339228   -5499.827
 1.00000  -10.432652  -103.864022    -7.647914
-657.605464   -75.325660   -5925.159

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.630181   570.776699    4.976862
376.771499   6.221704   563.876709
 0.25000    6.630181   590.247665    4.976862
376.771499   5.095804   491.116210
 0.50000    6.630181   610.204092    4.976862
376.771499   4.457894   423.679994
 0.75000    6.630181   630.436573    4.976862
376.760548   4.298541   386.371832
 1.00000    6.630181   650.691879    4.976862
376.198107   4.508346   394.782979
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1511

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -5.955260   -38.812801    -2.239791
-577.706620   -72.645209   -2948.014
 0.25000   -5.955260   -30.619291    -2.239791
-580.743810   -74.197888   -3328.901
 0.50000   -5.955260   -22.895078    -2.239791
-583.780895   -76.183244   -3733.589
 0.75000   -5.955260   -16.751224    -2.239791
-586.807030   -78.402080   -4163.661
 1.00000   -5.955260   -16.649949    -2.239791
-589.281674   -80.830871   -4619.547

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.078019   811.938811    7.419810
525.006022   9.371084   889.630653
 0.25000    9.078019   834.153678    7.419810
525.006022   8.366457   778.895056
 0.50000    9.078019   856.929407    7.419810
525.006022   8.375226   701.923703
 0.75000    9.078019   880.014405    7.419810
525.006022   8.535126   658.586199
 1.00000    9.078019   903.194286    7.419810
525.000569   8.765045   673.120795

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.657787   -68.506009   -2.632438
-714.894188  -109.629600   -4617.493
 0.25000   -7.657787   -58.494843   -2.632438
-715.230201  -112.919146   -5145.346
 0.50000   -7.657787   -49.054877   -2.632438
-715.566203  -116.749166   -5709.462
 0.75000   -7.657787   -40.405020   -2.632438
-715.902205  -120.852835   -6315.479
 1.00000   -7.657787   -37.999146   -2.632438
-716.232775  -125.126895   -6952.111

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.193173   834.924634    6.614889
675.410156   24.877263   1029.286
 0.25000   10.193173   855.251190    6.614889
675.410156   25.334748   934.971137
 0.50000   10.193173   876.088924    6.614889
675.410156   26.820511   868.643559
 0.75000   10.193173   897.220947    6.614889
675.410156   28.460198   832.083722
 1.00000   10.193173   918.423973    6.614889
675.410935   30.161207   848.838129

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.702583   -92.111624   -4.761605
-769.884534   -91.287699   -5252.666
 0.25000   -8.702583   -82.872388   -4.761605
-769.826029   -93.721611   -5793.815
 0.50000   -8.702583   -74.161079   -4.761605
-769.767526   -97.000648   -6367.033
 0.75000   -8.702583   -66.177955   -4.761605
-769.709023  -100.550477   -6972.162
 1.00000   -8.702583   -63.576534   -4.761605
-769.650920  -104.238349   -7605.859

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.240274   742.606085    6.371566
808.320952   66.131414   1024.216
 0.25000   12.240274   759.549952    6.371566
808.320952   68.539937   945.677056
 0.50000   12.240274   776.919001    6.371566
808.320952   71.796751   890.828335
 0.75000   12.240274   794.535249    6.371566
808.320952   75.253923   861.104186
 1.00000   12.240274   812.209798    6.371566
808.321960   78.934383   877.606089
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1512

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.808359  -117.425204    -7.772599
-798.712278   -80.699039   -4901.083
 0.25000  -10.808359  -109.720888    -7.772599
-798.651319   -82.965061   -5353.770
 0.50000  -10.808359  -102.456830    -7.772599
-798.590363   -86.014079   -5834.207
 0.75000  -10.808359   -95.799718    -7.772599
-798.529406   -89.313966   -6354.443
 1.00000  -10.808359   -93.618078    -7.772599
-798.469057   -92.732124   -6901.044

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.776775   642.213626    7.236228
643.745406   57.837049   706.425103
 0.25000    7.776775   660.850833    7.236228
643.745406   57.094838   641.379218
 0.50000    7.776775   679.913948    7.236228
643.745406   56.515497   644.139101
 0.75000    7.776775   699.279924    7.236228
643.745406   56.176904   658.855192
 1.00000    7.776775   718.463695    7.236228
649.191273   58.274022   673.581101

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.718301  -121.573071    -7.729743
-621.620360   -56.377248   -2400.366
 0.25000   -7.718301  -113.191529    -7.729743
-621.620360   -58.338195   -2500.313
 0.50000   -7.718301  -106.385855    -7.729743
-621.620360   -61.259059   -2716.021
 0.75000   -7.718301  -101.432903    -7.729743
-621.620360   -64.493238   -3064.711
 1.00000   -7.718301  -100.435550    -7.729743
-621.620360   -68.049444   -3425.384

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.240274   834.924634    7.419810
808.320952  107.047452   1029.286
 0.25000   12.240274   855.251190    7.419810
808.320952  110.110991   945.677056
 0.50000   12.240274   876.088924    7.419810
808.320952  113.463853   890.828335
 0.75000   12.240274   897.220947    7.419810
818.824336  117.094516   861.104186
 1.00000   12.240274   918.423973    7.419810
835.205752  121.629766   877.606089

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.808359  -138.437713    -8.764965
-798.712278  -109.629600   -5252.666
 0.25000  -10.808359  -132.542589    -8.764965
-798.651319  -112.919146   -5793.815
 0.50000  -10.808359  -126.982392    -8.764965
-798.590363  -116.749166   -6367.033
 0.75000  -10.808359  -121.893007    -8.764965
-798.529406  -120.852835   -6972.162
 1.00000  -10.808359  -118.433039    -8.764965
-798.469057  -125.126895   -7605.859

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.240274   834.924634    7.419810
808.320952  107.047452   1029.286
 0.25000   12.240274   855.251190    7.419810
808.320952  110.110991   945.677056
 0.50000   12.240274   876.088924    7.419810
808.320952  113.463853   890.828335
 0.75000   12.240274   897.220947    7.419810
818.824336  117.094516   861.104186
 1.00000   12.240274   918.423973    7.419810
835.205752  121.629766   877.606089

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.808359  -138.437713    -8.764965
-798.712278  -109.629600   -5252.666
 0.25000  -10.808359  -132.542589    -8.764965
-798.651319  -112.919146   -5793.815
 0.50000  -10.808359  -126.982392    -8.764965
-798.590363  -116.749166   -6367.033
 0.75000  -10.808359  -121.893007    -8.764965
-798.529406  -120.852835   -6972.162
 1.00000  -10.808359  -118.433039    -8.764965
-798.469057  -125.126895   -7605.859

 COMB DESIGN -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.240274   834.924634    7.419810
808.320952  107.047452   1029.286
 0.25000   12.240274   855.251190    7.419810
808.320952  110.110991   945.677056
 0.50000   12.240274   876.088924    7.419810
808.320952  113.463853   890.828335
 0.75000   12.240274   897.220947    7.419810
818.824336  117.094516   861.104186
 1.00000   12.240274   918.423973    7.419810
835.205752  121.629766   877.606089

 COMB DESIGN -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.808359  -138.437713    -8.764965
-798.712278  -109.629600   -5252.666
 0.25000  -10.808359  -132.542589    -8.764965
-798.651319  -112.919146   -5793.815
 0.50000  -10.808359  -126.982392    -8.764965
-798.590363  -116.749166   -6367.033
 0.75000  -10.808359  -121.893007    -8.764965
-798.529406  -120.852835   -6972.162
 1.00000  -10.808359  -118.433039    -8.764965
-798.469057  -125.126895   -7605.859

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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.257613   44.620985    2.989179
220.226770   27.323235   171.149135
 0.25000    4.257613   44.625451    2.989179
220.249706   27.736780   157.401361
 0.50000    4.257613   44.632041    2.989179
220.275617   28.266633   143.658490
 0.75000    4.257613   44.641179    2.989179
220.302725   28.866207   129.948713
 1.00000    4.257613   44.650712    2.989179
220.331232   29.597469   116.275321

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.342218   -29.607716   -2.420100
-249.554413   -7.148785  -292.984694
 0.25000   -4.342218   -29.597952   -2.420100
-249.528303   -6.999340  -324.800884
 0.50000   -4.342218   -29.588045   -2.420100
-249.502162   -6.949649  -357.277847
 0.75000   -4.342218   -29.578196   -2.420100
-249.476582   -7.289279  -390.380444
 1.00000   -4.342218   -29.568452   -2.420100
-249.453445   -7.739607  -424.054927

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.824906   78.262264    6.850057
367.208359   57.299569   334.004832
 0.25000    6.824906   78.266690    6.850057
367.231264   56.147239   307.329386
 0.50000    6.824906   78.273241    6.850057
367.257137   55.656744   280.658760
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1514

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.75000    6.824906   78.282373    6.850057
367.284173   55.425929   254.023308
 1.00000    6.824906   78.291900    6.850057
367.312640   55.418004   228.559278

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.958336   -74.957092   -2.561415
-438.445875   -10.711846   -742.455837
 0.25000   -6.958336   -74.947332   -2.561415
-438.419806   -10.631075   -789.556307
 0.50000   -6.958336   -74.937428   -2.561415
-438.393703   -10.555087   -837.718503
 0.75000   -6.958336   -74.927583   -2.561415
-438.368162   -10.481582   -886.931643
 1.00000   -6.958336   -74.917844   -2.561415
-438.345733   -10.416065   -937.039220

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.973820   88.610315    6.516873
428.931091   54.316999   502.415486
 0.25000    6.973820   88.614305    6.516873
428.951712   53.286621   462.492040
 0.50000    6.973820   88.620209    6.516873
428.975004   52.671399   422.572946
 0.75000    6.973820   88.628429    6.516873
428.999349   52.368292   382.685059
 1.00000    6.973820   88.637004    6.516873
429.024977   52.343057   342.830598

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.103798  -164.186614    -2.620351
-545.684483   -10.431297   -1490.392
 0.25000   -7.103798  -164.177830    -2.620351
-545.661015   -10.309673   -1523.011
 0.50000   -7.103798  -164.168916    -2.620351
-545.637515   -10.190501   -1556.521
 0.75000   -7.103798  -164.160054    -2.620351
-545.614521   -10.073278   -1591.080
 1.00000   -7.103798  -164.151288    -2.620351
-545.594207   -10.144539   -1626.734

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.904182   91.351682    6.084944
484.376402   47.499621   609.619188
 0.25000    7.904182   92.405226    6.084944
484.376402   46.606681   561.364460
 0.50000    7.904182   97.561429    6.084944
500.022461   46.054009   513.109731
 0.75000    7.904182  104.188692    6.084944
517.628178   45.765080   503.563027
 1.00000    7.904182  112.951878    6.084944
534.693838   45.711655   512.505408

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.994200  -381.848960    -4.691340
-620.500402   -32.668976   -2303.956
 0.25000   -7.994200  -372.641432    -4.691340
-603.708890   -32.298719   -2285.968
 0.50000   -7.994200  -363.109815    -4.691340
-585.805369   -31.984095   -2268.740
 0.75000   -7.994200  -354.051624    -4.691340
-579.551791   -31.693014   -2252.357
 1.00000   -7.994200  -344.914765    -4.691340
-579.551791   -31.542526   -2236.919

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    2.354833   35.636977    3.865776
150.909451   28.721245   204.618893
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1515

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
      T          M2          M3
 0.25000    2.354833   35.685925    3.865776
151.161620   26.577560   188.424585
 0.50000    2.354833   35.758245    3.865776
151.446468   24.917629   172.283843
 0.75000    2.354833   35.858738    3.865776
151.744340   23.892725   156.509310
 1.00000    2.354833   35.963576    3.865776
152.057745   22.988836   140.715805

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -2.395116   -71.050202   -0.105454
-206.413676   -3.058553  -663.531751
 0.25000   -2.395116   -70.942817   -0.105454
-206.126678   -3.000421   -672.023329
 0.50000   -2.395116   -70.833853   -0.105454
-205.839291   -2.942054  -681.558117
 0.75000   -2.395116   -70.725531   -0.105454
-205.558080   -2.885220  -691.081741
 1.00000   -2.395116   -70.618372   -0.105454
-205.306687   -2.829178  -701.190491

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.295870   53.509308    3.618233
265.014675   28.650642   435.157467
 0.25000    3.295870   53.513750    3.618233
265.033493   27.005624   400.838851
 0.50000    3.295870   53.520317    3.618233
265.059381   25.667694   366.491987
 0.75000    3.295870   53.529451    3.618233
265.086445   24.544818   332.179815
 1.00000    3.295870   53.538981    3.618233
265.114929   23.628108   328.355750

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.337142  -217.256520    -1.374397
-375.924205   -14.629636   -1709.699
 0.25000   -3.337142  -217.246758    -1.374397
-375.898122   -13.945500   -1694.665
 0.50000   -3.337142  -217.236853    -1.374397
-375.872004   -13.316919   -1679.997
 0.75000   -3.337142  -217.227007    -1.374397
-375.846447   -12.689256   -1665.581
 1.00000   -3.337142  -217.217266    -1.374397
-375.823734   -12.196055   -1651.814

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    6.186802   82.844080    6.095884
407.708207   48.725390   534.239922
 0.25000    6.186802   82.848077    6.095884
407.728833   47.132831   491.910511
 0.50000    6.186802   82.853987    6.095884
407.752132   46.282668   449.585536
 0.75000    6.186802   82.862209    6.095884
407.776491   45.668629   407.291491
 1.00000    6.186802   82.870785    6.095884
407.802126   45.297056   392.549994

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.290410  -222.670133    -2.255382
-535.866664   -18.157028   -1817.875
 0.25000   -6.290410  -222.661347    -2.255382
-535.843189   -17.523442   -1828.166
 0.50000   -6.290410  -222.652433    -2.255382
-535.819682   -16.940700   -1839.341
 0.75000   -6.290410  -222.643571    -2.255382
-535.796681   -16.359549   -1851.217
 1.00000   -6.290410  -222.634804    -2.255382
-535.776240   -15.886079   -1864.023
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING        LOAD          >
                                 1516

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.108037   86.978854    6.234588
529.051422   42.192529   644.103445
 0.25000    8.108037   86.978854    6.234588
529.051422   40.912588   593.260537
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 0.50000     8.108037    89.569190     6.234588
529.051422   40.253521   542.417628
 0.75000     8.108037    97.301490     6.234588
529.051422   39.790963   548.032011
 1.00000     8.108037   107.181073     6.234588
546.564826   39.529830   580.613904

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.158569  -502.766025   -4.904953
-591.446731  -40.769230   -2738.349
 0.25000   -8.158569  -488.475760   -4.904953
-591.446731  -40.574162   -2683.696
 0.50000   -8.158569  -474.016620   -4.904953
-591.446731  -40.428176   -2629.971
 0.75000   -8.158569  -459.709384   -4.904953
-591.446731  -40.322460   -2576.963
 1.00000   -8.158569  -445.635598   -4.904953
-591.446731  -40.344500   -2524.709

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.114518   28.001756    2.534962
411.802154   2.386486   308.736584
 0.25000    5.114518   28.001756    2.534962
411.802154   2.474769   284.611076
 0.50000    5.114518   28.001756    2.534962
411.802154   2.970957   260.485569
 0.75000    5.114518   28.001756    2.534962
411.802154   4.561988   301.062039
 1.00000    5.114518   31.222684    2.534962
411.802154   6.714760   390.461497

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.040295  -503.876217   -5.004195
-308.738474  -43.760999   -2000.898
 0.25000   -5.040295  -485.202628   -5.004195
-308.738474  -43.980731   -1888.674
 0.50000   -5.040295  -466.365906   -5.004195
-308.738474  -44.275124   -1776.451
 0.75000   -5.040295  -447.821446   -5.004195
-308.738474  -44.651379   -1664.230
 1.00000   -5.040295  -429.708634   -5.004195
-308.738474  -45.108077   -1552.438

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.564308   47.899560    2.965830
525.868292   5.508339   523.382710
 0.25000    6.564308   47.899560    2.965830
525.868292   5.494114   482.369586
 0.50000    6.564308   47.899560    2.965830
525.868292   5.488182   441.356662
 0.75000    6.564308   47.899560    2.965830
525.868292   5.490765   480.261175
 1.00000    6.564308   58.737741    2.965830
525.868292   7.703684   601.351958

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.485328  -694.783319   -7.280288
-459.497159  -68.497528   -3064.150
 0.25000   -6.485328  -672.613534   -7.280288
-459.497159  -68.497528   -2918.208
 0.50000   -6.485328  -650.232223   -7.280288
-459.497159  -67.908875   -2772.322
 0.75000   -6.485328  -628.167019   -7.280288
-459.497159  -67.379498   -2626.497
 1.00000   -6.485328  -606.558696   -7.280288
-459.497159  -67.130180   -2481.441
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1517

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.274968   66.095564    4.315018
580.185518  17.340159   656.735406
 0.25000    7.274968   66.095564    4.315018
580.185518  16.594410   605.157719
 0.50000    7.274968   66.095564    4.315018
580.185518  15.968008   553.581496
 0.75000    7.274968   66.653990    4.315018
580.185518  15.466037   575.550227
 1.00000    7.274968   76.682416    4.315018
580.185518  16.874794   663.110051

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.224751  -697.652758   -6.231910
-570.219817  -55.677586   -3424.410
 0.25000   -7.224751  -677.330770   -6.231910
-570.219817  -55.413308   -3294.288
 0.50000   -7.224751  -656.813293   -6.231910
-570.219817  -55.277936   -3164.309
 0.75000   -7.224751  -636.582574   -6.231910
-570.219817  -55.194252   -3034.460
 1.00000   -7.224751  -616.765556   -6.231910
-570.219817  -55.303188   -2905.769

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.541615   83.936465    6.555057
617.525737  37.879721   673.641409
 0.25000    8.541615   83.936465    6.555057
617.525737  36.414525   620.586922
 0.50000    8.541615   83.936465    6.555057
617.525737  35.599562   567.535422
 0.75000    8.541615   84.422225    6.555057
617.525737  34.962112   575.812200
 1.00000    8.541615   92.784662    6.555057
617.525737  35.977518   638.567299

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.550825  -609.157924   -5.571181
-638.367496  -49.868280   -3143.557
 0.25000   -8.550825  -592.215016   -5.571181
-638.367496  -49.631177   -3052.574
 0.50000   -8.550825  -575.109073   -5.571181
-638.367496  -49.501444   -2962.241
 0.75000   -8.550825  -558.242105   -5.571181
-638.367496  -49.416053   -2872.383
 1.00000   -8.550825  -541.719880   -5.571181
-638.367496  -49.490917   -2783.769

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.900083   74.989329    3.092893
326.050458  55.718879   237.636168
 0.25000    6.900083   74.992796    3.092893
326.061703  55.259947   223.902314
 0.50000    6.900083   74.996635    3.092893
326.073857  54.959211   211.168471
 0.75000    6.900083   75.000797    3.092893
326.086818  54.799178   201.150030
 1.00000    6.900083   75.005231    3.092893
326.100467  54.804502   192.397321

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.017702  -44.571271   -2.391072
-320.274408 -13.860387 -533.001870
 0.25000   -6.017702  -44.564596   -2.391072
-320.261446 -13.414507 -547.228236
 0.50000   -6.017702  -44.557994   -2.391072
-320.248823 -13.172668 -563.413610
 0.75000   -6.017702  -44.551491   -2.391072
-320.236673 -13.216147 -581.863853
 1.00000   -6.017702  -44.545165   -2.391072
-320.225133 -13.531051 -602.426973
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1518

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.586323  130.414135    7.606011
530.865935 119.741454   456.033289
 0.25000   10.586323  130.417597    7.606011
530.877153 116.133953   424.684972
 0.50000   10.586323  130.421431    7.606011
530.889279 112.665750   396.097757
 0.75000   10.586323  130.425588    7.606011
530.902210 109.446139   370.965100
 1.00000   10.586323  130.430015    7.606011
530.915827 106.421286   349.918020

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.807486 -103.406104   -2.534291
-555.335027  -17.326575   -1395.699
 0.25000   -9.807486 -103.399431   -2.534291
-555.322099  -17.152343   -1391.749
 0.50000   -9.807486 -103.392830   -2.534291
-555.309509  -17.079584   -1391.381
 0.75000   -9.807486 -103.386328   -2.534291
-555.297393  -17.132690   -1395.235
 1.00000   -9.807486 -103.380003   -2.534291
-555.285884  -17.311633   -1403.636

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.644138  149.559255    7.465063
591.165762 108.411908   680.180645
 0.25000   10.644138  149.658997    7.465063
591.488968 105.001635   631.451818
 0.50000   10.644138  149.769428    7.465063
591.838333 101.827274   587.022175
 0.75000   10.644138  149.889777    7.465063
592.210895  98.980976   549.022827
 1.00000   10.644138  150.016711    7.465063
592.603220  96.414502   519.393626

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.538890 -232.817995   -2.696775
-671.799602  -17.912269   -3059.317
 0.25000   -9.538890 -232.625802   -2.696775
-671.427108  -17.766834   -2951.727
 0.50000   -9.538890 -232.435700   -2.696775
-671.064359  -17.785873   -2849.716
 0.75000   -9.538890 -232.248425   -2.696775
-670.715254  -17.982624   -2755.701
 1.00000   -9.538890 -232.066261   -2.696775
-670.383641  -18.496361   -2671.984

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.050758  153.879244    6.871588
635.679493  93.418103   807.596069
 0.25000   12.050758  158.642196    6.871588
650.147178  90.489977   763.855633
 0.50000   12.050758  163.920227    6.871588
665.800474  87.767474   741.317492
 0.75000   12.050758  169.651428    6.871588
682.475423  85.331057   730.443427
 1.00000   12.050758  175.755221    6.871588
699.969672  83.149701   734.622075

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.635538 -494.464219   -4.894651
-771.051206  -59.488116   -4876.345
 0.25000  -10.635538 -484.563743   -4.894651
-754.718817  -58.421678   -4588.490
 0.50000  -10.635538 -474.762040   -4.894651
-738.847423  -57.107691   -4316.966
 0.75000  -10.635538 -465.099643   -4.894651
-723.640626  -56.006656   -4064.079
 1.00000  -10.635538 -455.624086   -4.894651
-710.775882  -55.214963   -3830.196
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1519

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.303665   55.708437    4.554455
201.130808  59.534163   269.450712
 0.25000    3.303665   55.743062    4.554455
201.242989  56.202606   248.220738
 0.50000    3.303665   55.781397    4.554455
201.364249  52.928386   228.379116
 0.75000    3.303665   55.822964    4.554455
201.493561  49.693970   210.576785
 1.00000    3.303665   55.867240    4.554455
201.629731  46.519820   195.682116

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.387380  -89.023950   -0.182341
-249.571277  -5.268806   -1292.937
 0.25000   -3.387380  -88.957219   -0.182341
-249.080994  -5.125787   -1247.140
 0.50000   -3.387380  -88.891214   -0.182341
-249.316096  -5.038069   -1203.080
 0.75000   -3.387380  -88.826190   -0.182341
-249.194933  -4.925112   -1161.560
 1.00000   -3.387380  -88.762941   -0.182341
-249.079843  -4.813716   -1123.645

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.755003   90.284888    4.468427
315.228307  52.239806   571.462668
 0.25000    4.755003   90.288265    4.468427
315.239547  49.239176   526.892557
 0.50000    4.755003   90.292193    4.468427
315.251696  46.350674   487.219682
 0.75000    4.755003   90.296354    4.468427
315.264652  43.614999   463.450670
 1.00000    4.755003   90.300787    4.468427
315.278296  41.042039   461.249042

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.185088 -292.229246   -1.597658
-428.633835  -25.292478   -3575.197
 0.25000   -4.185088 -292.222571   -1.597658
-428.620879  -24.379825   -3377.393
 0.50000   -4.185088 -292.215970   -1.597658
-428.608261  -23.513821   -3185.854
 0.75000   -4.185088 -292.209466   -1.597658
-428.596117  -22.729442   -3005.252
 1.00000   -4.185088 -292.203140   -1.597658
-428.584582  -22.098213   -2836.697

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.292268  140.173488    7.138397
531.746340 100.370603   707.557731
 0.25000    9.292268  140.176578    7.138397
531.756456  96.237413   654.556443
 0.50000    9.292268  140.180032    7.138397
531.767391  92.409597   607.023021
 0.75000    9.292268  140.183778    7.138397
531.779051  88.749669   575.228428
 1.00000    9.292268  140.187767    7.138397
531.791331  85.256164   564.468967

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.387965  -302.124403   -2.390244
-638.176229  -30.461328   -3752.233
 0.25000   -8.387965  -302.118396   -2.390244
-638.164568  -29.548124   -3590.024
 0.50000   -8.387965  -302.112454   -2.390244
-638.153212  -28.675017   -3438.194
 0.75000   -8.387965  -302.106601   -2.390244
-638.142282  -27.855310   -3297.816
 1.00000   -8.387965  -302.100908   -2.390244
-638.131901  -27.133958   -3169.808
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1520

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.960515  141.381569    7.022536
673.009554  85.444807   844.226928
 0.25000   11.960515  146.921642    7.022536
675.782726  82.016780   793.135837
 0.50000   11.960515  154.207697    7.022536
679.607052  78.862678   787.242139
 0.75000   11.960515  162.134409    7.022536
689.183668  75.891823   793.215323
 1.00000   11.960515  170.559511    7.022536
710.256325  73.084951   813.596893

 COMB DL-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.797786 -645.668911   -5.074427
-753.229967  -75.140880   -5925.415
 0.25000  -10.797786 -630.253637   -5.074427
-739.767095  -73.391949   -5528.011
 0.50000  -10.797786 -614.933410   -5.074427
-736.679471  -71.706030   -5156.492
 0.75000  -10.797786 -599.900598   -5.074427
-734.662400  -70.098423   -4808.123
 1.00000  -10.797786 -585.222600   -5.074427
-733.709518  -68.677017   -4486.037

 COMB DL-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.152121   39.037827    2.326893
522.481123   4.019840   394.967967
 0.25000    7.152121   39.152513    2.326893
520.015947   4.193996   369.249925
 0.50000    7.152121   40.495636    2.326893
516.992933   4.874890   403.813956
 0.75000    7.152121   48.686687    2.326893
513.956672   6.086068   462.288871
 1.00000    7.152121   57.382805    2.326893
510.920299   7.689785   526.394951

 COMB DL-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.627658  -646.545680   -5.092702
-432.675533  -81.048514   -4619.500
 0.25000   -6.627658  -625.927417   -5.092702
-433.246619  -79.607993   -4167.025
 0.50000   -6.627658  -605.359250   -5.092702
-433.259867  -78.378316   -3742.445
 0.75000   -6.627658  -585.080950   -5.092702
-433.259867  -77.384024   -3344.579
 1.00000   -6.627658  -565.323538   -5.092702
-433.259867  -76.708656   -2971.412

 COMB DL-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.672336   73.624945    2.854706
633.654964   8.039023   673.373587
 0.25000    9.672336   73.945181    2.854706
633.324588   7.956142   627.359293
 0.50000    9.672336   79.253397    2.854706
632.988678   8.031330   657.695342
 0.75000    9.672336   89.226237    2.854706
632.652767   9.130968   723.924088
 1.00000    9.672336   99.817628    2.854706
632.316844  10.850505   817.377333

 COMB DL-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.510653  -893.686405   -7.608980
-598.666657  -125.552590   -6952.057
 0.25000   -8.510653  -870.103914   -7.608980
-598.672212  -122.293078   -6329.933
 0.50000   -8.510653  -846.626947   -7.608980
-598.672212  -119.265349   -5742.881
 0.75000   -8.510653  -823.500673   -7.608980
-598.672212  -116.543376   -5193.560
 1.00000   -8.510653  -800.953889   -7.608980
-598.672212  -114.195575   -4678.285
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1521

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.348583  103.660994    4.725685
707.985876  29.459624   849.040056
 0.25000   10.348583  103.977863    4.725685
708.043926  27.852252   789.701731
 0.50000   10.348583  109.281720    4.725685
708.102413  26.520960   800.427201
 0.75000   10.348583  118.479389    4.725685
708.160900  26.113281   842.874282
 1.00000   10.348583  128.248508    4.725685
708.219389  26.473264   909.795804

 COMB DL-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.216707  -897.622179   -6.542026
-725.197041 -104.591580   -7605.786
 0.25000   -9.216707  -876.043547   -6.542026
-725.196257 -102.087281   -6980.937
 0.50000   -9.216707  -854.562496   -6.542026
-725.196257  -99.847184   -6389.825
 0.75000   -9.216707  -833.403510   -6.542026
-725.196257  -97.921229   -5834.424
 1.00000   -9.216707  -812.774459   -6.542026
-725.196257  -96.373036   -5313.687

 COMB DL-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.338210  135.203628    7.360045
782.797384  77.761839   877.722344
 0.25000   12.338210  135.468595    7.360045
782.857678  74.231872   815.616541
 0.50000   12.338210  139.904689    7.360045
782.918618  71.103330   812.786262
 0.75000   12.338210  147.574133    7.360045
782.979558  68.765031   837.452323
 1.00000   12.338210  155.720112    7.360045
783.040501  67.097491   883.877224

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.320444 -786.035915   -5.827020
-810.671395  -92.628939   -6901.203
 0.25000  -11.320444 -768.048283   -5.827020
-810.670381  -90.486452   -6385.825
 0.50000  -11.320444 -750.142037   -5.827020
-810.670381  -88.556170   -5899.845
 0.75000  -11.320444 -732.504299   -5.827020
-810.670381  -86.886469   -5440.762
 1.00000  -11.320444 -715.308295   -5.827020
-810.670381  -85.531172   -5014.819

 COMB     DB ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.541615   91.351682    6.850057
617.525737  57.299569   673.641409
 0.25000    8.541615   92.405226    6.850057
617.525737  56.147239   620.586922
 0.50000    8.541615   97.561429    6.850057
617.525737  55.656744   567.535422
 0.75000    8.541615  104.188692    6.850057
617.525737  55.425929   575.812200
 1.00000    8.541615  112.951878    6.850057
617.525737  55.418004   663.110051

 COMB     DB ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.550825  -697.652758   -7.280288
-638.367496  -69.243548   -3424.410
 0.25000   -8.550825  -677.330770   -7.280288
-638.367496  -68.497528   -3294.288
 0.50000   -8.550825  -656.813293   -7.280288
-638.367496  -67.908875   -3164.309
 0.75000   -8.550825  -636.582574   -7.280288
-638.367496  -67.379498   -3034.460
 1.00000   -8.550825  -616.765556   -7.280288
-638.367496  -67.130180   -2905.769
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1522

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.338210  153.879244    7.606011
782.797384 119.741454   877.722344
 0.25000   12.338210  158.642196    7.606011
782.857678 116.133953   815.616541
 0.50000   12.338210  163.920227    7.606011
782.918618 112.665750   812.786262
 0.75000   12.338210  169.651428    7.606011
782.979558 109.446139   842.874282
 1.00000   12.338210  175.755221    7.606011
783.040501  106.421286  909.795804

 COMB     DL ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.320444 -897.622179   -7.608980
-810.671395 -125.552590   -7605.786
 0.25000  -11.320444 -876.043547   -7.608980
-810.670381 -122.293078   -6980.937
 0.50000  -11.320444 -854.562496   -7.608980
-810.670381 -119.265349   -6389.825
 0.75000  -11.320444 -833.403510   -7.608980
-810.670381 -116.543376   -5834.424
 1.00000  -11.320444 -812.774459   -7.608980
-810.670381 -114.195575   -5313.687

 COMB     CAR ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.338210  153.879244    7.606011
782.797384 119.741454   877.722344
 0.25000   12.338210  158.642196    7.606011
782.857678 116.133953   815.616541
 0.50000   12.338210  163.920227    7.606011
782.918618 112.665750   812.786262
 0.75000   12.338210  169.651428    7.606011
782.979558 109.446139   842.874282
 1.00000   12.338210  175.755221    7.606011
783.040501  106.421286  909.795804

 COMB     CAR ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.320444 -897.622179   -7.608980
-810.671395 -125.552590   -7605.786
 0.25000  -11.320444 -876.043547   -7.608980
-810.670381 -122.293078   -6980.937
 0.50000  -11.320444 -854.562496   -7.608980
-810.670381 -119.265349   -6389.825
 0.75000  -11.320444 -833.403510   -7.608980
-810.670381 -116.543376   -5834.424
 1.00000  -11.320444 -812.774459   -7.608980
-810.670381 -114.195575   -5313.687

 COMB  DESIGN ------------------ MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.338210  153.879244    7.606011
782.797384 119.741454   877.722344
 0.25000   12.338210  158.642196    7.606011
782.857678 116.133953   815.616541
 0.50000   12.338210  163.920227    7.606011
782.918618 112.665750   812.786262
 0.75000   12.338210  169.651428    7.606011
782.979558 109.446139   842.874282
 1.00000   12.338210  175.755221    7.606011
783.040501  106.421286  909.795804

 COMB  DESIGN ------------------ MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.320444 -897.622179   -7.608980
-810.671395 -125.552590   -7605.786
 0.25000  -11.320444 -876.043547   -7.608980
-810.670381 -122.293078   -6980.937
 0.50000  -11.320444 -854.562496   -7.608980
-810.670381 -119.265349   -6389.825
 0.75000  -11.320444 -833.403510   -7.608980
-810.670381 -116.543376   -5834.424
 1.00000  -11.320444 -812.774459   -7.608980
-810.670381 -114.195575   -5313.687
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1523

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.550864   24.264894    3.869327
144.235780   28.891405  116.095330
 0.25000    4.550864   24.275782    3.869327
144.266935   28.130724  108.987384
 0.50000    4.550864   24.287705    3.869327
144.301623   27.480897  140.482381
 0.75000    4.550864   24.300398    3.869327
144.337941   26.973411  175.618819
 1.00000    4.550864   24.315255    3.869327
144.379501   26.649667  213.479777

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.686948  -38.009688   -1.554463
-267.382002  -7.531746 -424.742872
 0.25000   -4.686948  -37.994494   -1.554463
-267.342529  -7.677641 -447.407199
 0.50000   -4.686948  -37.980862   -1.554463
-267.308146  -8.688366 -470.641995
 0.75000   -4.686948  -37.967573   -1.554463
-267.274970 -10.667672 -494.376921
 1.00000   -4.686948  -37.954839   -1.554463
-267.256895 -13.459362 -518.575334

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.300881   39.961438    9.052958
226.263237   54.382806  228.299267
 0.25000    7.300881   39.972314    9.052958
226.294330   49.544342  199.286384
 0.50000    7.300881   39.984232    9.052958
226.328964   45.301429  256.098268
 0.75000    7.300881   39.996918    9.052958
226.365227   41.584088  339.147007
 1.00000    7.300881   40.011763    9.052958
226.406716   38.583493  431.758439

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.511275  -92.616012   -0.961420
-479.833837 -10.194881 -938.117746
 0.25000   -7.511275  -92.600827   -0.961420
-479.794434  -9.691848 -964.404282
 0.50000   -7.511275  -92.587199   -0.961420
-479.760106 -10.659698 -991.520176
 0.75000   -7.511275  -92.573915   -0.961420
-479.726985 -15.875265  -1019.188
 1.00000   -7.511275  -92.561187   -0.961420
-479.709580  -24.890378  -1047.927

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.455510   53.957994    8.718934
242.386896   52.475059  342.613368
 0.25000    7.455510   53.967784    8.718934
242.414891   48.210161  293.011419
 0.50000    7.455510   53.978211    8.718934
242.446072   44.703364  421.731973
 0.75000    7.455510   53.989930    8.718934
242.478718   41.734541  587.068679
 1.00000    7.455510   54.003293    8.718934
242.516071   39.066080  772.078626

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.664216 -184.822174   -0.929008
-601.955521 -10.587835  -1627.825
 0.25000   -7.664216 -184.808506   -0.929008
-601.920045 -11.992273  -1627.880
 0.50000   -7.664216 -184.796240   -0.929008
-601.889140 -12.900805  -1628.999
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1524

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   -7.664216 -184.784284   -0.929008
-601.859321  -18.018491  -1630.666
 1.00000   -7.664216 -184.772827   -0.929008
-601.843536  -25.384799  -1633.188

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.510737   64.112533    7.464414
330.321857   45.664994  512.332791
 0.25000    8.510737   73.935396    7.464414
337.817495   41.999803  587.660213
 0.50000    8.510737   85.055073    7.464414
361.179742   40.757921  813.031071
 0.75000    8.510737   96.914381    7.464414
383.376920   41.467221  1063.711
 1.00000    8.510737  110.428971    7.464414
414.027381   43.084144  1322.318

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.689762 -380.893584   -4.302101
-642.609590  -32.311951  -2237.511
 0.25000   -8.689762 -366.849822   -4.302101
-613.691272  -31.398886  -2187.161
 0.50000   -8.689762 -353.963363   -4.302101
-591.388196  -31.916081  -2137.706
 0.75000   -8.689762 -341.414819   -4.302101
-589.180327  -35.210983  -2088.721
 1.00000   -8.689762 -329.415410   -4.302101
-589.180327  -40.393510  -2040.454

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.522526   19.002587    5.213966
 76.195696  22.705276  140.661537
 0.25000    2.522526   19.122301    5.213966
 76.538135  18.596997  118.626231
 0.50000    2.522526   19.253434    5.213966
 76.919463  15.405274  159.649306
 0.75000    2.522526   19.393027    5.213966
 77.318713  12.874594  229.072685
 1.00000    2.522526   19.556401    5.213966
 77.775563  10.540595  306.768041

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.583964  -81.237342   -0.263866
-235.000833  -2.807855 -701.544802
 0.25000   -2.583964  -81.070251   -0.263866
-234.566935  -2.549891 -695.614152
 0.50000   -2.583964  -80.920313   -0.263866
-234.188968  -2.306097 -689.861314
 0.75000   -2.583964  -80.774156   -0.263866
-233.824270  -4.957273 -684.308699
 1.00000   -2.583964  -80.634110   -0.263866
-233.628391 -10.990490 -679.144958

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.544158   39.115882    4.906668
140.363583   24.609157  328.350635
 0.25000    3.544158   39.126763    4.906668
140.394702   20.867598  309.159731
 0.50000    3.544158   39.138683    4.906668
140.429357   17.903214  448.915320
 0.75000    3.544158   39.151372    4.906668
140.465642   16.216136  642.415824
 1.00000    3.544158   39.166222    4.906668
140.507159   15.586408  866.195029

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.629263 -223.223929   -1.867236
-406.064252 -13.007240  -1652.156
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1525

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000   -3.629263 -223.208741   -1.867236
-406.024821 -13.002833  -1608.264
 0.50000   -3.629263 -223.195111   -1.867236
-405.990471 -13.580395  -1564.889
 0.75000   -3.629263 -223.181825   -1.867236
-405.957328 -15.358613  -1521.701
 1.00000   -3.629263 -223.169095   -1.867236
-405.939655 -19.057735  -1478.738

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.633012   52.660530    8.141328
233.218987   45.603762  392.416355
 0.25000    6.633012   52.670323    8.141328
233.246994   41.097553  357.799448
 0.50000    6.633012   52.681051    8.141328
233.278184   37.243171  510.064618
 0.75000    6.633012   52.692471    8.141328
233.310840   34.556980  716.586071
 1.00000    6.633012   52.705836    8.141328
233.348205   32.838233  953.223309

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.814050 -235.682217   -1.945408
-580.110381 -16.396622  -1864.846
 0.25000   -6.814050 -235.668547   -1.945408
-580.074893 -16.190856  -1820.669
 0.50000   -6.814050 -235.656281   -1.945408
-580.043978 -16.516348  -1817.151
 0.75000   -6.814050 -235.644323   -1.945408
-580.014149 -20.563894  -1794.162
 1.00000   -6.814050 -235.632866   -1.945408
-579.998243 -27.710143  -1771.863

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.760197   64.058229    6.949491
406.793638   39.510281  580.408146
 0.25000    8.760197   77.812299    6.949491
406.793638   37.044341  714.943948
 0.50000    8.760197   94.814339    6.949491
406.793638   37.763285  991.726545
 0.75000    8.760197  112.991669    6.949491
434.152021   39.782551  1284.385
 1.00000    8.760197  132.940884    6.949491
458.806747   42.693287  1574.579

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.891611  -483.139363   -5.606552
-564.364395  -41.366578  -2524.862
 0.25000   -8.891611  -461.932213   -5.606552
-564.364395  -40.209970  -2441.256
 0.50000   -8.891611  -441.869213   -5.606552
-564.364395  -39.420217  -2358.491
 0.75000   -8.891611  -422.359148   -5.606552
-564.364395  -41.735893  -2276.145
 1.00000   -8.891611  -403.753841   -5.606552
-564.364395  -46.630877  -2194.372

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.598997   27.618763    0.552453
465.478352   7.144342  390.172568
 0.25000    5.598997   41.849884    0.552453
465.478352  10.601743  628.537649
 0.50000    5.598997   63.418850    0.552453
465.478352  15.369750  867.013854
 0.75000    5.598997   86.599661    0.552453
465.478352  21.226620  1073.576
 1.00000    5.598997  110.308124    0.552453
465.478352  27.981940  1249.718
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1526

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.548895  -435.997969   -6.746697
-172.579822  -45.843397  -1551.432
 0.25000   -5.548895  -409.755744   -6.746697
-172.579822  -44.105441  -1444.070
 0.50000   -5.548895  -383.378894   -6.746697
-172.579822  -42.368988  -1336.743
 0.75000   -5.548895  -357.794074   -6.746697
-172.579822  -40.719641  -1229.941
 1.00000   -5.548895  -333.536183   -6.746697
-172.579822  -39.129411  -1123.146

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.195936   47.395258    0.602522
552.038805   8.187423  601.101030
 0.25000    7.195936   65.584328    0.602522
552.038805  12.150389  899.539500
 0.50000    7.195936   91.407106    0.602522
552.038805  17.762868  1240.258
 0.75000    7.195936  119.122687    0.602522
552.038805  25.622214  1568.873
 1.00000    7.195936  147.918438    0.602522
552.038805  35.532291  1881.127

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.183474 -616.026817   -10.234585
-307.620829  -68.173926  -2480.291
 0.25000   -7.183474 -584.375461   -10.234585
-307.620829  -64.194967  -2328.751
 0.50000   -7.183474 -553.116593   -10.234585
-307.620829  -61.793814  -2227.471
 0.75000   -7.183474 -522.776074   -10.234585
-307.620829  -58.368955  -2026.435
 1.00000   -7.183474 -493.949444   -10.234585
-307.620829  -56.240050  -1875.560

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.926352   59.702070    2.916813
539.678936   18.327514  662.862714
 0.25000    7.926352   76.498736    2.916813
539.678936   20.515254  902.425407
 0.50000    7.926352  100.185911    2.916813
539.678936   24.591394  1266.173
 0.75000    7.926352  125.609565    2.916813
539.678936   30.604847  1632.177
 1.00000    7.926352  152.065535    2.916813
539.678936   38.190611  1987.533

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.931407  -635.690552   -8.358334
-459.836759  -56.655556  -2904.963
 0.25000   -7.931407  -606.631160   -8.358334
-459.836759  -55.074916  -2756.229
 0.50000   -7.931407  -577.928891   -8.358334
-459.836759  -53.990020  -2608.031
 0.75000   -7.931407  -550.174383   -8.358334
-459.836759  -53.117348  -2460.377
 1.00000   -7.931407  -523.747871   -8.358334
-459.836759  -52.514302  -2312.745

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.257448   63.330917    6.399111
529.724288   36.763882  638.269567
 0.25000    9.257448   77.338796    6.399111
529.724288   36.193160  822.872839
 0.50000    9.257448   97.087891    6.399111
529.724288   37.442433  1142.534
 0.75000    9.257448  118.284777    6.399111
529.724288   40.414807  1479.290
 1.00000    9.257448  140.343732    6.399111
529.724288   44.407054  1811.046
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1527

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.340096  -565.008231   -7.159769
-564.022988  -50.678520  -2783.490
 0.25000   -9.340096  -540.779217   -7.159769
-564.022988  -49.183186  -2668.552
 0.50000   -9.340096  -516.894673   -7.159769
-564.022988  -48.098235  -2554.294
 0.75000   -9.340096  -493.710188   -7.159769
-564.022988  -49.177225  -2440.747
 1.00000   -9.340096  -471.677716   -7.159769
-564.022988  -53.361193  -2327.591

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.012770   49.015710    4.807195
232.760111   53.806290  192.626572
 0.25000    7.012770   49.020729    4.807195
232.775379   50.370059  189.665524
 0.50000    7.012770   49.026364    4.807195
232.792230   47.257222  202.363829
 0.75000    7.012770   49.032507    4.807195
232.810364   44.598726  222.805870
 1.00000    7.012770   49.039030    4.807195
232.829429   42.400835  248.980645

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.164399  -53.881306   -1.638708
-341.548713  -12.769008 -602.568471
 0.25000   -6.164399  -53.872230   -1.638708
-341.531289  -12.480393 -598.868345
 0.50000   -6.164399  -53.863373   -1.638708
-341.514633  -12.817177 -605.862079
 0.75000   -6.164399  -53.854837   -1.638708
-341.499110  -13.973784 -621.417026
 1.00000   -6.164399  -53.846793   -1.638708
-341.485044  -15.796316 -642.116498

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.672368   78.944686   12.845426
355.905751   92.180187  350.225158
 0.25000   10.672368   78.949701   12.845426
355.921985   92.180137  336.862209
 0.50000   10.672368   78.955331   12.845426
355.938799   80.437939  361.025272
 0.75000   10.672368   78.961468   12.845426
355.956893   70.428652  407.869861
 1.00000   10.672368   78.967985   12.845426
355.975915   62.074586  471.371829

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.982258  -126.082000   -1.529865
-609.610483  -16.315779  -1403.531
 0.25000   -9.982258  -126.073018   -1.529865
-609.593112  -15.870831  -1349.210
 0.50000   -9.982258  -126.064164   -1.529865
-609.576506  -16.730530  -1315.258
 0.75000   -9.982258  -126.055630   -1.529865
-609.561031  -17.735259  -1303.328
 1.00000   -9.982258  -126.047588   -1.529865
-609.547020  -27.214778  -1308.048

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.724993   97.844392   12.397007
367.538278   95.981159  519.775400
 0.25000   10.724993   97.988841   12.397007
367.977187   84.656511  505.955746
 0.50000   10.724993   98.150994   12.397007
368.461596   74.606104  558.683368
 0.75000   10.724993   98.327789   12.397007
368.982904   66.174228  651.736752
 1.00000   10.724993   98.515507   12.397007
369.530955   59.223774  778.162022
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1528

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.732717  -261.992503   -1.675576
-740.739424  -18.337287  -2671.621
 0.25000   -9.732717  -261.731196   -1.675576
-740.238880  -18.788398  -2480.433
 0.50000   -9.732717  -261.476188   -1.675576
-739.760394  -20.859005  -2324.970
 0.75000   -9.732717  -261.230406   -1.675576
-739.314485  -25.365025  -2208.705
 1.00000   -9.732717  -260.998795   -1.675576
-738.910504  -31.957749  -2126.079

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.442738  114.092876   10.628382
452.167839   82.754457  735.036293
 0.25000   12.442738  121.221746   10.628382
472.026111   73.150892  767.031126
 0.50000   12.442738  129.233768   10.628382
493.851716   66.139970  860.888695
 0.75000   12.442738  137.965667   10.628382
517.392498   61.652992  995.452424
 1.00000   12.442738  147.226824   10.628382
542.019416   59.421527  1159.514

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.133486 -478.650877   -6.006023
-792.928312  -55.235002  -3830.052
 0.25000  -11.133486 -465.293045   -6.006023
-771.660890  -51.063933  -3470.037
 0.50000  -11.133486 -452.237645   -6.006023
-751.356081  -49.235220  -3162.599
 0.75000  -11.133486 -439.637188   -6.006023
-732.542736  -50.295956  -2907.651
 1.00000  -11.133486 -427.720456   -6.006023
-724.134329  -53.754425  -2700.608

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.261860   31.999526    8.147504
110.419249   46.191953  195.776743
 0.25000    3.261860   32.049675    8.147504
110.571591   36.854307  184.983448
 0.50000    3.261860   32.105969    8.147504
110.739727   28.314303  202.567386
 0.75000    3.261860   32.173347    8.147504
110.920671   21.298014  239.810450
 1.00000    3.261860   32.232517    8.147504
111.110894   15.612367  291.954284

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.405525 -106.038660   -0.440433
-287.085593  -4.708262  -1123.324
 0.25000   -3.405525 -105.947933   -0.440433
-286.911881  -4.255095  -1034.802
 0.50000   -3.405525 -105.859394   -0.440433
-286.745825  -3.891174  -960.329316
 0.75000   -3.405525 -105.774057   -0.440433
-286.591076  -6.666182  -901.627737
 1.00000   -3.405525 -105.693640   -0.440433
-286.450968  -11.382240  -859.003098

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.841893   62.557976    7.627176
171.393647   41.700079  461.467911
 0.25000    4.841893   62.562995    7.627176
171.408910   33.919911  448.806309
 0.50000    4.841893   62.568629    7.627176
171.425754   27.171993  501.809001
 0.75000    4.841893   62.574771    7.627176
171.443881   22.305870  608.022333
 1.00000    4.841893   62.581293    7.627176
171.462940   19.411282  754.622343
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1529

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.359663  -302.030157   -2.648046
-467.165089  -22.813580  -2836.166
 0.25000   -4.359663  -302.021082   -2.648046
-467.147674  -21.164875  -2559.607
 0.50000   -4.359663  -302.012226   -2.648046
-467.131026  -20.355321  -2319.765
 0.75000   -4.359663  -302.003619   -2.648046
-467.115511  -21.858503  -2117.903
 1.00000   -4.359663  -301.995646   -2.648046
-467.101453  -25.408822  -1954.678

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.415480   92.647869   12.344487
324.441933   85.113183  564.796226
 0.25000    9.415480   92.652386   12.344487
324.455669   72.722446  546.404237
 0.50000    9.415480   92.657456   12.344487
324.470829   62.038057  605.752206
 0.75000    9.415480   92.662984   12.344487
324.487144   53.726634  720.132458
 1.00000    9.415480   92.668854   12.344487
324.504296   47.665144  877.080820

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.629387  -320.591433   -2.830872
-694.765000  -27.291947  -3169.626
 0.25000   -8.629387  -320.583265   -2.830872
-694.749327  -25.295319  -2921.010
 0.50000   -8.629387  -320.575294   -2.830872
-694.734344  -24.921351  -2711.971
 0.75000   -8.629387  -320.567612   -2.830872
-694.720380  -28.618899  -2521.433
 1.00000   -8.629387  -320.560373   -2.830872
-694.707728  -34.874739  -2393.820

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.518284  113.442476   10.499071
524.727196   72.453036  813.891898
 0.25000   12.518284  123.823848   10.499071
530.443648   64.039610  872.695009
 0.50000   12.518284  135.512021   10.499071
542.754675   57.985841  992.724009
 0.75000   12.518284  148.247504   10.499071
571.609389   54.701744  1149.594
 1.00000   12.518284  161.771153   10.499071
600.152754   53.809885  1332.876

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.462090 -594.777100   -7.330353
-728.646448  -68.974277  -4486.306
 0.25000  -11.462090 -574.223653   -7.330353
-706.627232  -63.575988  -4036.060
 0.50000  -11.462090 -554.083384   -7.330353
-704.383627  -60.206291  -3645.459
 0.75000  -11.462090 -534.598013   -7.330353
-703.971138  -69.796328  -3293.892
 1.00000  -11.462090 -516.141987   -7.330353
-703.970846  -63.944281  -3017.046

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.971850   51.626687    0.725457
579.888973   7.877892  526.279903
 0.25000    7.971850   63.800494    0.725457
575.550204  10.186697  632.440509
 0.50000    7.971850   77.559054    0.725457
571.211344  13.942750  744.551469
 0.75000    7.971850   92.535425    0.725457
566.872483  19.135674  856.381180
 1.00000    7.971850  108.296744    0.725457
562.533623  25.418462  964.928804
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <          MOVING          LOAD          >
                    1530
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F R A M E E L E M E N T I N T E R N A L F O R C E S

C O M B D L - G 3 - 1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.457044	-511.844424	-8.045777
-258.591120		-76.943758	-2972.307	
0.25000		-7.457044	-484.893752	-8.045777
-258.591120		-71.258047	-2870.832	
0.50000		-7.457044	-458.311267	-8.045777
-258.591120		-66.399569	-2213.532	
0.75000		-7.457044	-432.592339	-8.045777
-258.591120		-62.473450	-1895.273	
1.00000		-7.457044	-408.082808	-8.045777
-258.591120		-59.465401	-1613.042	

C O M B D L - G 3 - 2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		10.747100	83.539923	1.035505
665.686279		11.120639	817.381286	
0.25000		10.747100	97.888767	1.035505
665.206268		13.506063	934.813943	
0.50000		10.747100	114.086313	1.035505
664.726247		17.603076	1084.868	
0.75000		10.747100	131.711559	1.035505
664.246226		24.184563	1265.727	
1.00000		10.747100	150.289980	1.035505
663.766204		33.359671	1462.194	

C O M B D L - G 3 - 2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.613384	-734.997006	-12.662883
-407.389602		-114.525075	-4679.145	
0.25000		-9.613384	-704.082745	-12.662883
-407.389602		-103.948724	-4085.416	
0.50000		-9.613384	-673.670256	-12.662883
-407.389602		-94.975799	-3558.433	
0.75000		-9.613384	-644.165580	-12.662883
-407.389602		-88.097270	-3090.748	
1.00000		-9.613384	-616.117165	-12.662883
-407.389602		-83.065050	-2680.425	

C O M B D L - G 3 - 3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.246276	100.995671	4.709550
660.817737		27.348217	909.883738	
0.25000		11.246276	114.177958	4.709550
660.901314		26.043131	1010.051	
0.50000		11.246276	129.055912	4.709550
660.984893		26.842735	1167.393	
0.75000		11.246276	145.245750	4.709550
661.068472		30.361166	1366.338	
1.00000		11.246276	162.314431	4.709550
661.152051		36.527913	1593.471	

C O M B D L - G 3 - 3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-10.184650	-771.724491	-10.546334
-583.933137		-97.092937	-5314.149	
0.25000		-10.184650	-743.419148	-10.546334
-583.933137		-89.561120	-4675.403	
0.50000		-10.184650	-715.577086	-10.546334
-583.933137		-83.823539	-4111.322	
0.75000		-10.184650	-688.569561	-10.546334
-583.933137		-80.172903	-3616.860	
1.00000		-10.184650	-662.896405	-10.546334
-583.933137		-79.140610	-3190.105	

C O M B D L - G 3 - 4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		13.109745	111.933612	10.178597
675.652970		67.295041	884.035052	
0.25000		13.109745	122.923923	10.178597
675.740052		58.361964	960.394426	
0.50000		13.109745	135.328402	10.178597
675.827136		53.593161	1099.854	
0.75000		13.109745	148.826080	10.178597
675.914220		51.221083	1283.595	
1.00000		13.109745	163.056088	10.178597
676.001304		51.864388	1497.734	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1531
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

C O M B D L - G 3 - 4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-12.190960	-690.946603	-9.133681
-716.878246		-85.853132	-5015.245	
0.25000		-12.190960	-667.351098	-9.133681
-716.878246		-79.205417	-4465.672	
0.50000		-12.190960	-644.141421	-9.133681
-716.878246		-74.223210	-3986.270	
0.75000		-12.190960	-621.628025	-9.133681
-716.878246		-73.230581	-3572.602	
1.00000		-12.190960	-600.227433	-9.133681
-716.878246		-75.801617	-3222.087	

C O M B D B ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.257448	64.112533	9.052958
552.038805		54.382806	662.862714	
0.25000		9.257448	77.812299	9.052958
552.038805		49.544342	902.425407	
0.50000		9.257448	100.185911	9.052958
552.038805		45.301429	1266.473	
0.75000		9.257448	125.609565	9.052958
552.038805		41.734541	1632.177	
1.00000		9.257448	152.065535	9.052958
552.038805		44.707054	1987.533	

C O M B D B ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.340096	-635.690552	-10.234585
-642.609590		-68.173926	-2904.963	
0.25000		-9.340096	-606.631160	-10.234585
-613.691272		-64.119967	-2725.229	
0.50000		-9.340096	-577.982891	-10.234585
-601.889140		-60.793814	-2608.031	
0.75000		-9.340096	-550.174383	-10.234585
-601.859321		-58.368955	-2460.377	
1.00000		-9.340096	-523.747871	-10.234585
-601.843536		-56.240050	-2327.591	

C O M B D L ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		13.109745	114.092676	12.845426
675.652970		104.974687	909.883738	
0.25000		13.109745	123.823848	12.845426
675.740052		92.180137	1010.051	
0.50000		13.109745	135.512021	12.845426
675.827136		80.437939	1167.393	
0.75000		13.109745	148.826080	12.845426
675.914220		70.428652	1366.338	
1.00000		13.109745	163.056088	12.845426
676.001304		62.074586	1593.471	

C O M B D L ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-12.190960	-771.724491	-12.662883
-792.928312		-114.525075	-5314.149	
0.25000		-12.190960	-743.419148	-12.662883
-771.660890		-103.948724	-4675.403	
0.50000		-12.190960	-715.577086	-12.662883
-751.356081		-94.975799	-4111.322	
0.75000		-12.190960	-688.569561	-12.662883
-739.314485		-88.097270	-3616.860	
1.00000		-12.190960	-662.896405	-12.662883
-738.910504		-83.065050	-3222.087	

C O M B C A R ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		13.109745	114.092876	12.845426
675.652970		104.974687	909.883738	
0.25000		13.109745	123.823848	12.845426
675.740052		92.180137	1010.051	
0.50000		13.109745	135.512021	12.845426
675.827136		80.437939	1266.473	
0.75000		13.109745	148.826080	12.845426
675.914220		70.428652	1632.177	
1.00000		13.109745	163.056088	12.845426
676.001304		62.074586	1987.533	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1532
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

C O M B C A R ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-12.190960	-771.724491	-12.662883
-792.928312		-114.525075	-5314.149	
0.25000		-12.190960	-743.419148	-12.662883
-771.660890		-103.948724	-4675.403	
0.50000		-12.190960	-715.577086	-12.662883
-751.356081		-94.975799	-4111.322	
0.75000		-12.190960	-688.569561	-12.662883
-739.314485		-88.097270	-3616.860	
1.00000		-12.190960	-662.896405	-12.662883
-738.910504		-83.065050	-3222.087	

C O M B D E S I G N ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		13.109745	114.092876	12.845426
675.652970		104.974687	909.883738	
0.25000		13.109745	123.823848	12.845426
675.740052		92.180137	1010.051	
0.50000		13.109745	135.512021	12.845426
675.827136		80.437939	1266.473	
0.75000		13.109745	148.826080	12.845426
675.914220		70.428652	1632.177	
1.00000		13.109745	163.056088	12.845426
676.001304		62.074586	1987.533	

C O M B D E S I G N ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-12.190960	-771.724491	-12.662883
-792.928312		-114.525075	-5314.149	
0.25000		-12.190960	-743.419148	-12.662883
-771.660890		-103.948724	-4675.403	
0.50000		-12.190960	-715.577086	-12.662883
-751.356081		-94.975799	-4111.322	
0.75000		-12.190960	-688.569561	-12.662883
-739.314485		-88.097270	-3616.860	
1.00000		-12.190960	-662.896405	-12.662883
-738.910504		-83.065050	-3222.087	

E L E M 124 ========== LENGTH = 4.928061

C O M B D B - G 1 - 1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.816424	18.572095	5.043850
74.717695		26.221266	214.516923	
0.25000		4.816424	18.583771	5.043850
74.748600		24.402482	252.370934	
0.50000		4.816424	18.596424	5.043850
74.781453		22.646362	292.406193	
0.75000		4.816424	18.609795	5.043850
74.815907		20.977269	334.113020	
1.00000		4.816424	18.625007	5.043850
74.856282		19.419992	377.120531	

C O M B D B - G 1 - 1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.003042	-39.328830	-0.523862
-250.078381		-13.000064	-519.035529	
0.25000		-5.003042	-39.513461	-0.523862
-250.940085		-15.512455	-521.437218	
0.50000		-5.003042	-39.299694	-0.523862
-250.906889		-18.757520	-523.965060	
0.75000		-5.003042	-39.286382	-0.523862
-250.876671		-22.674569	-526.632682	
1.00000		-5.003042	-39.273731	-0.523862
-250.855664		-27.200982	-529.487715	

C O M B D B - G 1 - 2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.728957	34.650588	9.027785
110.235587		38.485626	433.592144	
0.25000		7.728957	34.662257	9.027785
110.266435		34.698147	517.602612	
0.50000		7.728957	34.674905	9.027785
110.299230		31.267253	607.555044	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1533
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		7.728957	34.688271	9.027785
110.333626		28.134571	703.297373	
1.00000		7.728957	34.703472	9.027785
110.373925		25.242053	804.141538	

C O M B D B - G 1 - 2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.019226	-92.653719	-0.461569
-452.215841		-24.037104	-1048.614	
0.25000		-8.019226	-92.638359	-0.461569
-452.177617		-29.318651	-1040.823	
0.50000		-8.019226	-92.624599	-0.461569
-452.144477		-35.589777	-1033.301	
0.75000		-8.019226	-92.611292	-0.461569
-452.114553		-42.913780	-1025.947	
1.00000		-8.019226	-92.598653	-0.461569
-452.093587		-51.204609	-1018.971	

C O M B D B - G 1 - 3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.888639	48.821064	8.708648
105.605046		39.743460	774.192633	
0.25000		7.888639	48.831567	8.708648
105.632819		36.011177	912.391061	
0.50000		7.888639	48.842951	8.708648
105.662345		32.664985	1069.017	
0.75000		7.888639	48.854981	8.708648
105.693312		29.657252	1242.046	
1.00000		7.888639	48.868665	8.708648
105.729594		26.864906	1426.676	

C O M B D B - G 1 - 3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.179208	-174.643035	-0.564865
-564.021945		-25.255075	-1633.853	
0.25000		-8.179208	-174.629209	-0.564865
-563.987530		-29.767834	-1598.920	
0.50000		-8.179208	-174.616824	-0.564865
-563.957694		-35.164519	-1564.310	
0.75000		-8.179208	-174.604846	-0.564865
-563.930710		-41.424201	-1529.804	
1.00000		-8.179208	-174.593470	-0.564865
-563.911833		-48.490826	-1495.648	

C O M B D B - G 1 - 4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.066652	79.302558	7.419720
222.332239		44.124650	1323.930	
0.25000		9.066652	90.223896	7.419720
244.695416		43.458433	1534.174	
0.50000		9.066652	102.077414	7.419720
266.470902		43.303418	1751.879	
0.75000		9.066652	114.625851	7.419720
291.994775		43.585920	1976.568	
1.00000		9.066652	128.615394	7.419720
325.223641		44.177057	2201.329	

C O M B D B - G 1 - 4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.339325	-346.160986	-3.295682
-591.041694		-40.600979	-2040.815	
0.25000		-9.339325	-332.007145	-3.295682
-561.407106		-42.955586	-1973.041	
0.50000		-9.339325	-319.055888	-3.295682
-543.675788		-46.017814	-1905.621	
0.75000		-9.339325	-306.541957	-3.295682
-525.907268		-49.825829	-1838.302	
1.00000		-9.339325	-294.678062	-3.295682
-525.892871		-54.324543	-1771.275	

C O M B D B - G 2 - 1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.675231	19.471313	3.800704
28.9223318		11.290735	307.583112	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1534
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		2.675231	19.599718	3.800704
29.262020		9.451246	370.531079	
0.50000		2.675231	19.738880	3.800704
29.623151		8.077520	439.809188	
0.75000		2.675231	19.885940	3.800704
30.001888		6.958289	514.629264	
1.00000		2.675231	20.053225	3.800704
30.445675		5.997514	593.677260	

C O M B D B - G 2 - 1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.758086	-76.911071	-0.184780
-222.565826		-10.711345	-617.327641	
0.25000		-2.758086	-76.742046	-0.184780
-222.144882		-12.982271	-660.642234	
0.50000		-2.758086	-76.590646	-0.184780
-221.779971		-15.637339	-641.948979	
0.75000		-2.758086	-76.444235	-0.184780
-221.448868		-18.693889	-623.325827	
1.00000		-2.758086	-76.305165	-0.184780
-221.217970		-22.160372	-604.702679	

C O M B D B - G 2 - 2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.772072	42.188562	3.748120
87.809053		17.146292	867.307432	
0.25000		3.772072	42.200234	3.748120
87.839924		16.348381	988.032543	
0.50000		3.772072	42.212884	3.748120
87.872742		15.948955	1141.172	
0.75000		3.772072	42.226252	3.748120
87.907761		15.890970	1329.502	
1.00000		3.772072	42.241458	3.748120
87.947490		16.027100	1533.989	

C O M B D B - G 2 - 2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.903942	-202.212699	-1.186904
-374.309849		-19.620581	-1478.896	
0.25000		-3.903942	-202.197335	-1.186904
-374.271596		-20.883590	-1422.935	
0.50000		-3.903942	-202.183573	-1.186904
-374.238433		-22.674569	-1367.054	
0.75000		-3.903942	-202.170264	-1.186904
-374.208392		-23.990231	-1311.265	
1.00000		-3.903942	-202.157622	-1.186904
-374.187409		-25.889555	-1255.477	

C O M B D B - G 2 - 3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.037910	53.044995	7.411464
131.554233		33.829522	955.074267	
0.25000		7.037910	53.055500	7.411464
131.582017		31.235736	1098.128	
0.50000		7.037910	53.066845	7.411464
131.611554		28.973662	1272.224	
0.75000		7.037910	53.078916	7.411464
131.642531		27.003787	1477.075	
1.00000		7.037910	53.092601	7.411464
131.678827		25.209768	1703.348	

C O M B D B - G 2 - 3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.300382	-217.527955	-1.240213
-538.734624		-27.859455	-1772.338	
0.25000		-7.300382	-217.514127	-1.240213
-538.700196		-31.483623	-1721.158	
0.50000		-7.300382	-217.501741	-1.240213
-538.670350		-35.692578	-1670.116	
0.75000		-7.300382	-217.489763	-1.240213
-538.643313		-40.529915	-1619.276	
1.00000		-7.300382	-217.478386	-1.240213
-538.624429		-45.050890	-1568.700	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1535
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

C O M B D B - G 2 - 4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.363065	94.607407	6.292027
309.545008		43.967615	1575.580	
0.25000		9.363065	111.375798	6.292027
309.545008		44.352223	1829.133	
0.50000		9.363065	129.609007	6.292027
327.688815		45.577377	2078.550	
0.75000		9.363065	148.957685	6.292027
352.194408		47.370932	2323.518	
1.00000		9.363065	169.933189	6.292027
373.997015		49.609724	2558.398	

C O M B D B - G 2 - 4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.579686	-432.068723	-4.879111
-489.619378		-47.061594	-2194.463	
0.25000		-9.579686	-410.806814	-4.879111
-480.479927		-48.344567	-2107.644	
0.50000		-9.579686	-390.769200	-4.879111
-480.479927		-50.115942	-2021.118	
0.75000		-9.579686	-371.430119	-4.879111
-480.479927		-52.413064	-1934.750	
1.00000		-9.579686	-353.142801	-4.879111
-480.479927		-55.193926	-1848.601	

C O M B D B - G 3 - 1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.057733	77.608760	0.253119
451.444644		28.704177	1248.319	
0.25000		6.057733	99.041627	0.253119
451.444644		32.640259	1440.080	
0.50000		6.057733	122.460307	0.253119
451.444644		37.386734	1599.121	
0.75000		6.057733	147.427096	0.253119
451.444644		43.003350	1724.892	
1.00000		6.057733	172.996074	0.253119
451.444644		49.345481	1819.914	

C O M B D B - G 3 - 1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.033615	-372.687256	-6.660520
-74.372918		-39.586427	-1122.585	
0.25000		-6.033615	-346.665044	-6.660520
-74.372918		-36.770592	-1051.021	
0.50000		-6.033615	-320.637528	-6.660520
-74.372918		-33.955228	-979.748811	
0.75000		-6.033615	-295.570608	-6.660520
-74.372918		-31.140285	-908.476732	
1.00000		-6.033615	-271.998589	-6.660520
-74.372918		-28.326114	-837.266182	

C O M B D B - G 3 - 2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.833669	106.910981	0.517902
552.498022		36.854836	1879.835	
0.25000		7.833669	132.531612	0.517902
552.498022		42.764138	2140.872	
0.50000		7.833669	160.471217	0.517902
552.498022		49.688079	2382.499	
0.75000		7.833669	190.219827	0.517902
552.498022		57.584810	2608.260	
1.00000		7.833669	221.789384	0.517902
552.498022		66.206767	2814.731	

C O M B D B - G 3 - 2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.854620	-531.692571	-8.975539
-185.375812		-57.070366	-1874.894	
0.25000		-7.854620	-500.202307	-8.975539
-185.375812		-53.200225	-1764.870	
0.50000		-7.854620	-469.249795	-8.975539
-185.375812		-49.345827	-1655.182	
0.75000		-7.854620	-439.423082	-8.975539
-185.375812		-45.505933	-1545.492	
1.00000		-7.854620	-411.317992	-8.975539
-185.375812		-41.692566	-1435.845	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1536
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

C O M B D B - G 3 - 3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		8.539144	113.092423	2.306215
491.063637		40.167752	1986.975	
0.25000		8.539144	136.593365	2.306215
491.063637		44.119200	2280.141	
0.50000		8.539144	162.216944	2.306215
491.063637		49.166616	2569.581	
0.75000		8.539144	189.496061	2.306215
491.063637		55.248402	2845.191	
1.00000		8.539144	217.951303	2.306215
491.063637		62.083233	3103.726	

C O M B D B - G 3 - 3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.603462	-554.045127	-7.612133
-340.072315		-53.632715	-2312.261	
0.25000		-8.603462	-525.124099	-7.612133
-340.072315		-50.931606	-2192.408	
0.50000		-8.603462	-496.746573	-7.612133
-340.072315		-48.298700	-2072.899	
0.75000		-8.603462	-469.399653	-7.612133
-340.072315		-45.726751	-1953.444	
1.00000		-8.603462	-443.625921	-7.612133
-340.072315		-43.231641	-1834.021	

C O M B D B - G 3 - 4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.924013	107.156815	5.375264
445.454719		46.260765	1811.294	
0.25000		9.924013	126.750612	5.375264
445.454719		47.794262	2091.612	
0.50000		9.924013	148.113999	5.375264
445.454719		50.343482	2365.435	
0.75000		9.924013	170.857557	5.375264
445.454719		53.841863	2631.408	
1.00000		9.924013	194.583272	5.375264
445.454719		58.018791	2887.076	

C O M B D B - G 3 - 4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-10.084214	-497.123139	-6.517913
-453.950975		-53.968041	-2327.428	
0.25000		-10.084214	-473.009171	-6.517913
-453.950975		-54.137282	-2223.664	
0.50000		-10.084214	-449.350016	-6.517913
-453.950975		-54.605058	-2119.201	
0.75000		-10.084214	-426.550956	-6.517913
-453.950975		-55.539170	-2016.961	
1.00000		-10.084214	-405.061534	-6.517913
-453.950975		-56.798628	-1913.801	

C O M B D L - G 1 - 1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.343873	31.245485	6.749537
144.685234		41.925562	250.092416	
0.25000		7.343873	31.251043	6.749537
144.700698		37.207453	278.370837	
0.50000		7.343873	31.257194	6.749537
144.717708		33.064789	322.680657	
0.75000		7.343873	31.263824	6.749537
144.735919		29.462606	383.334970	
1.00000		7.343873	31.270802	6.749537
144.754937		26.346102	444.398861	

C O M B D L - G 1 - 1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.451091	-55.955763	-0.706279
-321.134014		-15.202807	-642.643577	
0.25000		-6.451091	-55.947042	-0.706279
-321.117270		-17.462149	-639.162203	
0.50000		-6.451091	-55.938548	-0.706279
-321.101282		-20.574022	-655.965113	
0.75000		-6.451091	-55.930437	-0.706279
-321.086447		-24.514453	-690.947743	
1.00000		-6.451091	-55.922861	-0.706279
-321.073114		-29.108158	-726.689651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.249637	54.150462	12.905504
209.002400	61.658091	473.306235	
0.25000	11.249637	54.156016	12.905504
209.017829	52.424939	541.097457	
0.50000	11.249637	54.162162	12.905504
209.034800	44.467676	636.632585	
0.75000	11.249637	54.168788	12.905504
209.052971	37.798927	771.587431	
1.00000	11.249637	54.175759	12.905504
209.071944	32.294995	908.594529	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.472922	-132.137375	-0.714251
-573.666816	-26.344970	-1308.639	
0.25000	-10.472922	-132.128658	-0.714251
-573.650125	-31.147455	-1279.759	
0.50000	-10.472922	-132.120168	-0.714251
-573.634189	-37.586854	-1284.019	
0.75000	-10.472922	-132.112061	-0.714251
-573.619401	-45.891404	-1332.362	
1.00000	-10.472922	-132.104488	-0.714251
-573.606114	-55.677528	-1382.865	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.470949	74.821366	12.047556
199.617661	59.816989	780.359353	
0.25000	11.470949	74.981339	12.047556
200.062179	51.672778	895.059658	
0.50000	11.470949	75.158372	12.047556
200.551142	44.670755	1054.912	
0.75000	11.470949	75.349218	12.047556
201.074640	38.699771	1285.416	
1.00000	11.470949	75.549999	12.047556
201.621288	33.714796	1527.417	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.352571	-253.917839	-0.931773
-682.637866	-31.949463	-2126.460	
0.25000	-10.352571	-253.666777	-0.931773
-682.156915	-36.512040	-2221.697	
0.50000	-10.352571	-253.422233	-0.931773
-681.697730	-42.666856	-1966.596	
0.75000	-10.352571	-253.188734	-0.931773
-681.271584	-50.092899	-1995.646	
1.00000	-10.352571	-252.970618	-0.931773
-680.888694	-58.713279	-2035.918	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.489039	108.049463	10.288030
321.163825	60.063987	1161.245	
0.25000	13.489039	116.039722	10.288030
341.086960	55.714688	1325.364	
0.50000	13.489039	124.881659	10.288030
363.067500	52.734827	1529.486	
0.75000	13.489039	134.405301	10.288030
386.611198	50.919301	1805.430	
1.00000	13.489039	144.395955	10.288030
411.124250	50.219484	2098.299	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.036124	-427.001869	-5.056361
-708.347884	-53.655179	-2701.132	
0.25000	-12.036124	-414.283827	-5.056361
-688.196748	-54.873805	-2510.503	
0.50000	-12.036124	-401.870709	-5.056361
-668.939950	-57.630701	-2380.141	
0.75000	-12.036124	-389.996403	-5.056361
-651.176158	-61.817794	-2349.344	
1.00000	-12.036124	-378.886824	-5.056361
-638.931292	-67.156642	-2359.692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.528266	27.157532	5.711009
51.063545	16.036324	292.765120	
0.25000	3.528266	27.213072	5.711009
51.217832	16.165282	344.272113	
0.50000	3.528266	27.274534	5.711009
51.387547	9.074789	410.126482	
0.75000	3.528266	27.340792	5.711009
51.569248	7.015110	509.095712	
1.00000	3.528266	27.410499	5.711009
51.758983	5.571582	610.827354	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.621047	-107.506309	-0.283858
-266.920111	-41.282642	-858.926871	
0.25000	-3.621047	-107.419142	-0.283858
-266.753204	-13.550928	-811.374384	
0.50000	-3.621047	-107.334238	-0.283858
-266.593850	-16.682075	-781.251562	
0.75000	-3.621047	-107.253168	-0.283858
-266.445963	-21.282444	-788.686685	
1.00000	-3.621047	-107.177438	-0.283858
-266.313092	-26.723120	-798.464257	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.395058	62.104964	5.249116
99.829987	20.733069	755.749242	
0.25000	5.395058	62.110522	5.249116
99.845445	18.647320	856.340718	
0.50000	5.395058	62.116671	5.249116
99.862448	17.340047	1000.624	
0.75000	5.395058	62.123301	5.249116
99.880653	16.658766	1225.753	
1.00000	5.395058	62.130278	5.249116
99.899663	16.564612	1473.693	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.815951	-277.444666	-2.014747
-417.783105	-25.991777	-1954.510	
0.25000	-4.815951	-277.435946	-2.014747
-417.766370	-27.337840	-1804.863	
0.50000	-4.815951	-277.427452	-2.014747
-417.750390	-29.412627	-1694.899	
0.75000	-4.815951	-277.419342	-2.014747
-417.735563	-32.171564	-1669.487	
1.00000	-4.815951	-277.411766	-2.014747
-417.722238	-35.635973	-1665.571	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.168847	79.492711	10.678525
191.684434	48.469015	878.997002	
0.25000	10.168847	79.497713	10.678525
191.698347	42.252579	997.906436	
0.50000	10.168847	79.503248	10.678525
191.713650	37.166962	1167.519	
0.75000	10.168847	79.509214	10.678525
191.730034	33.024018	1424.750	
1.00000	10.168847	79.515494	10.678525
191.747143	29.685527	1702.933	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.258229	-300.857074	-2.087644
-634.645159	-34.840360	-2394.122	
0.25000	-9.258229	-300.849226	-2.087644
-634.630098	-38.489572	-2255.513	
0.50000	-9.258229	-300.841582	-2.087644
-634.615716	-43.390549	-2163.551	
0.75000	-9.258229	-300.834283	-2.087644
-634.602372	-49.473146	-2169.549	
1.00000	-9.258229	-300.827465	-2.087644
-634.590379	-56.811061	-2185.168	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.698141	120.385662	9.078794
394.878242	54.540619	1334.104	
0.25000	13.698141	132.250188	9.078794
401.524602	52.147932	1530.157	
0.50000	13.698141	145.380074	9.078794
425.644082	51.179716	1758.308	
0.75000	13.698141	159.502025	9.078794
453.870465	51.462843	2053.068	
1.00000	13.698141	174.275250	9.078794
481.418681	52.873897	2366.157	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.488220	-515.039759	-7.027645
-623.593742	-63.841037	-3017.710	
0.25000	-12.488220	-495.739711	-7.027645
-602.791188	-63.514927	-2781.230	
0.50000	-12.488220	-476.834728	-7.027645
-592.095555	-64.630359	-2605.183	
0.75000	-12.488220	-458.711548	-7.027645
-592.027199	-67.102131	-2539.056	
1.00000	-12.488220	-441.701532	-7.027645
-592.020888	-70.645020	-2521.389	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.886335	83.476259	0.420808
536.930290	25.489620	964.069465	
0.25000	8.886335	97.955412	0.420808
532.592829	29.494952	1103.319	
0.50000	8.886335	114.012681	0.420808
528.253975	34.717463	1236.945	
0.75000	8.886335	131.220586	0.420808
523.916283	41.109850	1371.086	
1.00000	8.886335	149.122888	0.420808
519.578011	48.016467	1517.456	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.289527	-400.082925	-8.839282
-132.746665	-59.141595	-1613.871	
0.25000	-8.289527	-375.433044	-8.839282
-132.746665	-53.519388	-1420.472	
0.50000	-8.289527	-351.128649	-8.839282
-132.746665	-48.593231	-1259.398	
0.75000	-8.289527	-327.707784	-8.839282
-132.746665	-44.354724	-1140.731	
1.00000	-8.289527	-305.645614	-8.839282
-132.746665	-40.438401	-1086.964	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.036540	124.339884	0.726880
634.002648	33.822857	1489.407	
0.25000	12.036540	141.245588	0.726880
633.522692	40.001267	1648.575	
0.50000	12.036540	159.960848	0.726880
633.041620	47.790611	1853.015	
0.75000	12.036540	180.043269	0.726880
632.562779	56.988211	2099.210	
1.00000	12.036540	200.964601	0.726880
632.082823	66.906363	2376.854	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.778379	-588.323490	-12.562210
-255.373904	-82.852480	-2681.316	
0.25000	-10.778379	-559.871784	-12.562210
-255.373904	-75.033899	-2382.018	
0.50000	-10.778379	-531.863777	-12.562210
-255.373904	-68.299407	-2137.734	
0.75000	-10.778379	-504.903650	-12.562210
-255.373904	-62.537880	-1971.454	
1.00000	-10.778379	-479.524900	-12.562210
-255.373904	-57.252490	-1896.402	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.601213	134.862073	3.108600
578.784314	37.733027	1593.431	
0.25000	12.601213	150.373886	3.108600
578.867882	41.584691	1813.704	
0.50000	12.601213	167.545034	3.108600
578.950376	47.067859	2062.432	
0.75000	12.601213	185.972126	3.108600
579.035017	53.989690	2377.772	
1.00000	12.601213	205.172315	3.108600
579.118584	61.703652	2723.838	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.384315	-636.988266	-10.645109
-423.830764	-79.137286	-3190.756	
0.25000	-11.384315	-610.917852	-10.645109
-423.830764	-73.689116	-2866.950	
0.50000	-11.384315	-585.256380	-10.645109
-423.830764	-69.477713	-2608.492	
0.75000	-11.384315	-560.563371	-10.645109
-423.830764	-66.563445	-2461.959	
1.00000	-11.384315	-537.318520	-10.645109
-423.830764	-64.398040	-2400.713	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.432549	131.610913	7.995453
552.670978	52.678028	1498.442	
0.25000	14.432549	144.542747	7.995453
552.758050	51.945991	1710.529	
0.50000	14.432549	158.857895	7.995453
552.844226	53.051098	1955.530	
0.75000	14.432549	174.220144	7.995453
552.932195	55.778995	2271.013	
1.00000	14.432549	190.227017	7.995453
553.019267	59.588761	2612.659	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.350463	-582.067117	-9.101850
-570.682914	-75.477667	-3222.872	
0.25000	-13.350463	-560.334003	-9.101850
-570.682914	-73.279376	-2942.727	
0.50000	-13.350463	-538.941959	-9.101850
-570.682914	-72.698427	-2725.958	
0.75000	-13.350463	-518.357964	-9.101850
-570.682914	-73.775255	-2617.814	
1.00000	-13.350463	-498.980054	-9.101850
-570.682914	-76.007544	-2581.250	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.924013	113.092423	9.027785
552.498022	46.260765	1986.975	
0.25000	9.924013	136.593365	9.027785
552.498022	47.794262	2283.141	
0.50000	9.924013	162.216944	9.027785
552.498022	50.343482	2569.581	
0.75000	9.924013	190.219827	9.027785
552.498022	57.584810	2845.191	
1.00000	9.924013	221.199194	9.027785
552.498022	66.206767	3103.726	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.084214	-554.045127	-8.975539
-591.041694	-57.070366	-2327.428	
0.25000	-10.084214	-525.124099	-8.975539
-563.987530	-54.137282	-2223.664	
0.50000	-10.084214	-496.774573	-8.975539
-563.957694	-54.650508	-2120.201	
0.75000	-10.084214	-469.399653	-8.975539
-563.930710	-55.539170	-2016.961	
1.00000	-10.084214	-443.625921	-8.975539
-563.911833	-56.798628	-1913.801	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.432549	134.862073	12.905504
634.002648	61.658091	1593.431	
0.25000	14.432549	150.373886	12.905504
633.522692	55.714688	1813.704	
0.50000	14.432549	167.545034	12.905504
633.041620	53.051098	2062.432	
0.75000	14.432549	185.972126	12.905504
632.562779	56.988211	2377.772	
1.00000	14.432549	205.172315	12.905504
632.082823	66.906363	2723.838	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.350463	-636.988266	-12.562210
-708.347884	-82.852480	-3222.872	
0.25000	-13.350463	-610.917852	-12.562210
-688.196748	-75.033899	-2942.727	
0.50000	-13.350463	-585.256380	-12.562210
-681.697730	-72.698427	-2725.958	
0.75000	-13.350463	-560.563371	-12.562210
-681.271584	-73.775255	-2617.814	
1.00000	-13.350463	-537.318520	-12.562210
-680.888694	-76.007544	-2581.250	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.432549	134.862073	12.905504
634.002648	61.658091	1986.975	
0.25000	14.432549	150.373886	12.905504
633.522692	55.714688	2283.141	
0.50000	14.432549	167.545034	12.905504
633.041620	53.051098	2569.581	
0.75000	14.432549	190.219827	12.905504
632.562779	57.584810	2845.191	
1.00000	14.432549	221.199194	12.905504
632.082823	66.906363	3103.726	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.350463	-636.988266	-12.562210
-708.347884	-82.852480	-3222.872	
0.25000	-13.350463	-610.917852	-12.562210
-688.196748	-75.033899	-2942.727	
0.50000	-13.350463	-585.256380	-12.562210
-681.697730	-72.698427	-2725.958	
0.75000	-13.350463	-560.563371	-12.562210
-681.271584	-73.775255	-2617.814	
1.00000	-13.350463	-537.318520	-12.562210
-680.888694	-76.007544	-2581.250	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.432549	134.862073	12.905504
634.002648	61.658091	1986.975	
0.25000	14.432549	150.373886	12.905504
633.522692	55.714688	2283.141	
0.50000	14.432549	167.545034	12.905504
633.041620	53.051098	2569.581	
0.75000	14.432549	190.219827	12.905504
632.562779	57.584810	2845.191	
1.00000	14.432549	221.199194	12.905504
632.082823	66.906363	3103.726	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.350463	-636.988266	-12.562210
-708.347884	-82.852480	-3222.872	
0.25000	-13.350463	-610.917852	-12.562210
-688.196748	-75.033899	-2942.727	
0.50000	-13.350463	-585.256380	-12.562210
-681.697730	-72.698427	-2725.958	
0.75000	-13.350463	-560.563371	-12.562210
-681.271584	-73.775255	-2617.814	
1.00000	-13.350463	-537.318520	-12.562210
-680.888694	-76.007544	-2581.250	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 125 ========== LENGTH = 4.928509

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.083269	19.116263	5.281474
49.065836	19.209031	378.072865	
0.25000	5.083269	19.128328	5.281474
49.095565	17.091657	410.777905	
0.50000	5.083269	19.141303	5.281474
49.127633	15.024038	444.641450	
0.75000	5.083269	19.154991	5.281474
49.161548	12.990284	479.500326	
1.00000	5.083269	19.170505	5.281474
49.201400	11.042876	514.954111	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.323257	-33.041715	-0.395093
-199.228327	-26.684120	-529.694145	
0.25000	-5.323257	-33.026143	-0.395093
-199.190587	-29.590515	-517.526517	
0.50000	-5.323257	-33.012263	-0.395093
-199.158067	-33.197537	-505.358938	
0.75000	-5.323257	-32.998885	-0.395093
-199.126829	-37.413675	-493.191403	
1.00000	-5.323257	-32.986228	-0.395093
-199.104398	-42.185283	-481.164563	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.161512	35.706992	8.489278
76.365731	25.329473	805.799332	
0.25000	8.161512	35.719051	8.489278
76.395402	21.923180	874.736900	
0.50000	8.161512	35.732021	8.489278
76.427411	18.775505	947.369402	
0.75000	8.161512	35.745702	8.489278
76.461266	15.817803	1024.000	
1.00000	8.161512	35.761206	8.489278
76.501041	13.070879	1103.417	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.534451	-76.838144	-1.160045
-363.697144	-50.291298	-1019.260	
0.25000	-8.534451	-76.822582	-1.160045
-363.659476	-53.354139	-989.165857	
0.50000	-8.534451	-76.808707	-1.160045
-363.627012	-57.831186	-959.075976	
0.75000	-8.534451	-76.795335	-1.160045
-363.595831	-63.593467	-929.042824	
1.00000	-8.534451	-76.782684	-1.160045
-363.573655	-70.561884	-899.192042	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.326438	49.440827	8.173055
106.420061	27.632682	1428.532	
0.25000	8.326438	49.451681	8.173055
106.446775	24.212599	1532.362	
0.50000	8.326438	49.463355	8.173055
106.475594	21.118851	1650.899	
0.75000	8.326438	49.475669	8.173055
106.506074	18.259076	1783.532	
1.00000	8.326438	49.489625	8.173055
106.541885	15.608626	1926.450	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.702485	-143.758025	-1.519097
-466.827223	-48.089743	-1495.918	
0.25000	-8.702485	-143.744018	-1.519097
-466.793309	-50.763674	-1440.329	
0.50000	-8.702485	-143.731530	-1.519097
-466.764081	-54.433297	-1384.742	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-8.702485	-143.719494	-1.519097
-466.736008	-59.090592	-1329.204	
1.00000	-8.702485	-143.708106	-1.519097
-466.716004	-64.628665	-1273.823	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.628215	99.838480	7.192769
217.109953	45.316769	2207.576	
0.25000	9.628215	111.115520	7.192769
240.118585	43.316760	2355.378	
0.50000	9.628215	123.273105	7.192769
263.860027	42.056682	2510.015	
0.75000	9.628215	136.113538	7.192769
292.061059	41.308998	2669.745	
1.00000	9.628215	150.397679	7.192769
324.722191	40.981112	2828.066	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.998792	-298.329422	-3.651160
-515.252703	-54.182393	-1771.425	
0.25000	-9.998792	-284.002626	-3.651160
-484.294982	-55.111468	-1694.193	
0.50000	-9.998792	-270.960299	-3.651160
-464.731611	-56.873930	-1617.007	
0.75000	-9.998792	-258.408780	-3.651160
-447.080985	-59.650578	-1539.861	
1.00000	-9.998792	-246.563955	-3.651160
-440.265549	-62.790625	-1462.846	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.830625	19.778725	2.939252
20.323899	6.621632	594.371277	
0.25000	2.830625	19.911414	2.939252
20.650658	5.371499	641.863207	
0.50000	2.830625	20.054119	2.939252
21.000149	4.466856	694.122776	
0.75000	2.830625	20.204653	2.939252
21.375950	3.700653	751.099483	
1.00000	2.830625	20.375262	2.939252
21.813981	3.074571	811.495430	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.935952	-63.209976	-1.071197
-186.809145	-21.704947	-604.766013	
0.25000	-2.935952	-63.038734	-1.071197
-186.394321	-21.298773	-579.652472	
0.50000	-2.935952	-62.886070	-1.071197
-186.036847	-21.754852	-554.544573	
0.75000	-2.935952	-62.738941	-1.071197
-185.693482	-22.637089	-529.462707	
1.00000	-2.935952	-62.599737	-1.071197
-185.447862	-24.612003	-504.398122	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.003883	50.035346	2.978852
125.709226	17.326474	1534.895	
0.25000	4.003883	50.047408	2.978852
125.738920	16.305393	1613.091	
0.50000	4.003883	50.060380	2.978852
125.770953	15.720225	1718.786	
0.75000	4.003883	50.074064	2.978852
125.804832	15.423974	1855.635	
1.00000	4.003883	50.089572	2.978852
125.844638	15.378521	2013.893	

COMB DB-G2-2 ---------- MIN

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.183699 -167.078087   -1.976485
-326.552843   -26.161989   -1255.521
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1544

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -4.183699 -167.062522   -1.976485
-326.515146   -25.447701   -1195.928
 0.50000   -4.183699 -167.046844   -1.976485
-326.482660   -25.001345   -1136.328
 0.75000   -4.183699 -167.035270   -1.976485
-326.451457   -24.883659   -1076.772
 1.00000   -4.183699 -167.022616   -1.976485
-326.429179   -25.093076   -1017.222

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.449224   60.506619    6.590159
148.927505   26.148568    1704.929
 0.25000    7.449224   60.517475    6.590159
148.954229   23.725984    1804.278
 0.50000    7.449224   60.529149    6.590159
148.983058   21.670540    1929.575
 0.75000    7.449224   60.541465    6.590159
149.013550   19.882234    2083.797
 1.00000    7.449224   60.555422    6.590159
149.049375   18.316986    2257.793

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.794533 -179.851146   -2.101309
-454.271033   -45.799735   -1568.883
 0.25000   -7.794533 -179.837137   -2.101309
-454.237105   -46.884182   -1503.530
 0.50000   -7.794533 -179.824648   -2.101309
-454.207868   -48.794345   -1438.179
 0.75000   -7.794533 -179.812611   -2.101309
-454.179784   -51.543525   -1372.950
 1.00000   -7.794533 -179.801222   -2.101309
-454.159734   -55.043396   -1307.745

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.974104  124.580026    6.115177
286.314962   50.859311    2559.166
 0.25000    9.974104  141.873750    6.115177
288.333489   50.012235    2741.784
 0.50000    9.974104  160.579546    6.115177
313.397584   50.062094    2915.445
 0.75000    9.974104  180.368962    6.115177
336.606019   50.845688    3082.117
 1.00000    9.974104  201.735453    6.115177
357.481814   52.254160    3237.174

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.278442 -374.991169   -5.097669
-426.481851   -55.250777   -1848.635
 0.25000  -10.278442 -353.496510   -5.097669
-406.036525   -54.511331   -1761.043
 0.50000  -10.278442 -333.353548   -5.097669
-399.412718   -55.466528   -1673.481
 0.75000  -10.278442 -314.006077   -5.097669
-399.412718   -55.122480   -1586.020
 1.00000  -10.278442 -295.812004   -5.097669
-399.412718   -56.410194   -1498.580

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.526254  117.125007    1.238653
386.931566   50.062904    1818.581
 0.25000    6.526254  139.191246    1.238653
386.931566   52.123150    1953.458
 0.50000    6.526254  163.229097    1.238653
386.931566   55.152727    2054.482
 0.75000    6.526254  188.740811    1.238653
386.931566   59.119333    2121.453
 1.00000    6.526254  214.747094    1.238653
386.931566   63.989863    2157.699
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1545

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.525405 -330.290772   -5.927376
-44.678917   -28.596986 -837.051287
 0.25000   -6.525405 -304.053399   -5.927376
-44.678917   -25.827799 -784.947631
 0.50000   -6.525405 -277.978968   -5.927376
-44.678917   -23.064128 -732.844019
 0.75000   -6.525405 -253.026473   -5.927376
-44.678917   -20.302703 -680.740564
 1.00000   -6.525405 -229.736875   -5.927376
-44.678917   -17.541998 -628.637685

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.504560  160.892911    1.521479
505.314344   67.412708    2813.421
 0.25000    8.504560  187.281047    1.521479
505.314344   70.151937    2989.411
 0.50000    8.504560  215.955245    1.521479
505.314344   74.095687    3141.809
 0.75000    8.504560  246.361215    1.521479
505.314344   79.220404    3276.957
 1.00000    8.504560  277.884892    1.521479
505.314344   85.470461    3392.410

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.535357 -467.266729   -7.586212
-148.521864   -42.187275   -1435.587
 0.25000   -8.535357 -435.491051   -7.586212
-148.521864   -38.327411   -1350.184
 0.50000   -8.535357 -404.451169   -7.586212
-148.521864   -34.478855   -1264.785
 0.75000   -8.535357 -374.717509   -7.586212
-148.521864   -30.647753   -1179.389
 1.00000   -8.535357 -346.891924   -7.586212
-148.521864   -26.842773   -1093.995

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.159695  160.200204    2.859332
460.685304   63.845998    3103.062
 0.25000    9.159695  184.406662    2.859332
460.685304   65.404537    3306.608
 0.50000    9.159695  210.703562    2.859332
460.685304   68.191766    3495.195
 0.75000    9.159695  238.586217    2.859332
460.685304   72.164903    3671.731
 1.00000    9.159695  267.542737    2.859332
460.685304   77.179984    3830.696

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.286171 -482.597405   -7.410308
-282.280504   -43.899831   -1833.823
 0.25000   -9.286171 -453.411964   -7.410308
-282.280504   -40.477053   -1732.618
 0.50000   -9.286171 -424.951609   -7.410308
-282.280504   -37.079183   -1631.412
 0.75000   -9.286171 -397.685807   -7.410308
-282.280504   -33.711892   -1530.209
 1.00000   -9.286171 -372.163098   -7.410308
-282.280504   -30.383819   -1429.006

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.598609  146.639369    5.405746
410.668785   59.480842    2887.157
 0.25000   10.598609  166.821437    5.405746
410.668785   59.587188    3084.148
 0.50000   10.598609  188.746185    5.405746
410.668785   60.817264    3269.696
 0.75000   10.598609  211.992959    5.405746
410.668785   63.069634    3446.204
 1.00000   10.598609  236.136670    5.405746
410.668785   66.286063    3609.056
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1546

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.839916 -431.295392   -6.631995
-371.972114   -57.008839   -1913.732
 0.25000  -10.839916 -406.960885   -6.631995
-371.972114   -54.929675   -1817.351
 0.50000  -10.839916 -383.232576   -6.631995
-371.972114   -53.409341   -1720.999
 0.75000  -10.839916 -360.500113   -6.631995
-371.972114   -52.483670   -1624.696
 1.00000  -10.839916 -339.220702   -6.631995
-371.972114   -52.082298   -1528.405

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.821444   27.535352    7.166220
84.996696   26.492026   445.634582
 0.25000    7.821444   27.541341    7.166220
85.011882   22.191159   496.420212
 0.50000    7.821444   27.547939    7.166220
85.028668   18.458693   547.245345
 0.75000    7.821444   27.555016    7.166220
85.046727   15.188881   598.564673
 1.00000    7.821444   27.562433    7.166220
85.065631   12.260985   649.886943

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.832741  -55.407153   -0.609246
-252.809794   -27.907841   -727.265782
 0.25000   -6.832741  -55.398691   -0.609246
-252.847181   -32.211140   -744.668500
 0.50000   -6.832741  -55.390482   -0.609246
-252.831224   -36.352184   -762.133921
 0.75000   -6.832741  -55.382680   -0.609246
-252.816333   -41.217455   -779.549817
 1.00000   -6.832741  -55.374408   -0.609246
-252.802912   -46.595822   -796.977952

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.057190   50.778532   10.879292
123.127294   32.860226   910.746091
 0.25000   12.057190   50.784517   10.879292
123.142443   26.851805   1017.351
 0.50000   12.057190   50.791111   10.879292
123.159190   21.780303   1124.663
 0.75000   12.057190   50.798163   10.879292
123.177205   17.480611   1234.003
 1.00000   12.057190   50.805594   10.879292
123.196064   13.733308   1344.423

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.112065 -124.220794   -1.414137
-450.272557   -55.456373   -1383.668
 0.25000  -11.112065 -124.212337   -1.414137
-450.255994   -59.972040   -1405.462
 0.50000  -11.112065 -124.204132   -1.414137
-450.240089   -64.813304   -1427.304
 0.75000  -11.112065 -124.196334   -1.414137
-450.225247   -73.168482   -1449.128
 1.00000  -11.112065 -124.189065   -1.414137
-450.211868   -81.548692   -1470.943

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.450655   74.178411   10.169530
147.030828   34.978884    1529.801
 0.25000   12.450655   74.350809   10.169530
147.467289   29.144988    1701.731
 0.50000   12.450655   74.540725   10.169530
147.949787   24.206006    1878.470
 0.75000   12.450655   74.744425   10.169530
148.468847   20.046645    2060.073
 1.00000   12.450655   74.957902   10.169530
149.012184   16.519918    2243.570
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1547

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.098522 -221.548611   -1.929544
-545.692405   -58.950471   -2036.626
 0.25000  -11.098522 -221.305023   -1.929544
-545.215163   -62.335353   -2049.069
 0.50000  -11.098522 -221.068710   -1.929544
-544.756853   -66.922364   -2061.535
 0.75000  -11.098522 -220.844102   -1.929544
-544.329183   -72.718610   -2073.971
 1.00000  -11.098522 -220.634757   -1.929544
-543.943657   -79.412022   -2086.334

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.745150  120.702292    8.905973
263.025486   51.451530    2099.786
 0.25000   14.745150  129.367054    8.905973
282.400591   48.269719    2333.104
 0.50000   14.745150  138.903610    8.905973
303.302766   45.989120    2567.519
 0.75000   14.745150  149.115960    8.905973
327.090542   44.531305    2774.185
 1.00000   14.745150  159.793392    8.905973
351.238049   43.795301    2978.208

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.039477 -365.950482   -4.876268
-582.104991   -67.221820   -2360.054
 0.25000  -13.039477 -353.659326   -4.876268
-561.994843   -68.224286   -2356.271
 0.50000  -13.039477 -341.712084   -4.876268
-542.650755   -70.362595   -2352.772
 0.75000  -13.039477 -330.340566   -4.876268
-524.686845   -73.600906   -2349.171
 1.00000  -13.039477 -319.732026   -4.876268
-508.706683   -77.702528   -2345.355

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.869755   27.852006    3.132579
30.033080    6.234692   611.747305
 0.25000    3.869755   27.911860    3.132579
30.184567    4.864503   683.990566
 0.50000    3.869755   27.977296    3.132579
30.352035    3.815177   756.749184
 0.75000    3.869755   28.048518    3.132579
30.532193    3.048901   831.920934
 1.00000    3.869755   28.122633    3.132579
30.720775    2.505210   908.457606

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.876830  -92.825638   -0.969596
-209.028357   -26.788623   -798.622258
 0.25000   -3.876830  -92.741066   -0.969596
-208.862729   -27.391962   -799.226462
 0.50000   -3.876830  -92.659021   -0.969596
-208.703676   -28.354492   -799.822781
 0.75000   -3.876830  -92.581038   -0.969596
-208.555259   -30.238838   -800.393842
 1.00000   -3.876830  -92.508355   -0.969596
-208.421470   -32.796592   -801.000919

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.060692   70.268686    3.068462
115.907154   17.933333    1747.800
 0.25000    6.060692   70.274675    3.068462
115.890334   16.977473    1621.755
 0.50000    6.060692   70.281272    3.068462
115.907114   16.405536    1780.118
 0.75000    6.060692   70.288348    3.068462
115.925165   16.199833    1953.972
 1.00000    6.060692   70.295764    3.068462
115.944061   16.297296    2135.149
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1548

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.311775 -230.303475   -2.379636
-345.193523   -36.061418   -1665.633
 0.25000   -5.311775 -230.295014   -2.379636
-345.176918   -35.548449   -1654.698
 0.50000   -5.311775 -230.288806   -2.379636
-345.160970   -35.379336   -1643.561
 0.75000   -5.311775 -230.279004   -2.379636
-345.146087   -35.708690   -1632.525
 1.00000   -5.311775 -230.271733   -2.379636
-345.132674   -36.594248   -1621.333

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.134596   85.354727    7.927851
163.525648   30.988541    1704.920
 0.25000   11.134596   85.360116    7.927851
163.539310   27.040748    1881.906
 0.50000   11.134596   85.366054    7.927851
163.554412   23.814848    2069.455
 0.75000   11.134596   85.372422    7.927851
163.570658   21.247608    2271.241
 1.00000   11.134596   85.379096    7.927851
163.587665   19.209465    2479.797

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.996199 -257.206024   -2.660290
-513.071841   -56.868575   -2185.609
 0.25000   -9.996199 -257.198409   -2.660290
-513.056896   -58.587259   -2178.940
 0.50000   -9.996199 -257.191022   -2.660290
-513.042543   -61.228683   -2172.128
 0.75000   -9.996199 -257.184001   -2.660290
-513.029148   -64.845203   -2163.519
 1.00000   -9.996199 -257.177456   -2.660290
-513.017076   -69.603093   -2157.885

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.053162  140.948133    7.244771
316.504440   54.073193    2366.849
 0.25000   15.053162  153.942118    7.244771
325.658096   52.832892    2633.205
 0.50000   15.053162  168.223030    7.244771
351.602941   52.565991    2880.802
 0.75000   15.053162  183.477984    7.244771
379.596040   53.351107    3118.458
 1.00000   15.053162  199.370955    7.244771
406.642007   54.557771    3317.995

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.589044 -436.654662   -6.716302
-503.829602   -70.625112   -2521.444
 0.25000  -13.589044 -418.104135   -6.716302
-482.749131   -69.513980   -2498.740
 0.50000  -13.589044 -400.024946   -6.716302
-462.388448   -69.338118   -2474.163
 0.75000  -13.589044 -382.779406   -6.716302
-459.754893   -70.220170   -2452.714
 1.00000  -13.589044 -366.665505   -6.716302
-459.746803   -72.010381   -2431.152

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.796496  109.967568    1.202485
424.647919   48.141938    1515.559
 0.25000    9.796496  126.187198    1.202485
420.309252   51.411986    1686.106
 0.50000    9.796496  143.937305    1.202485
415.970586   55.541895    1823.917
 0.75000    9.796496  162.813348    1.202485
411.631920   60.615560    1927.109
 1.00000    9.796496  182.373741    1.202485
407.293253   66.263244    1997.002
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1549

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.099693 -330.263500   -7.882496
-72.788082   -40.096174   -1086.401
 0.25000   -9.099693 -306.835618   -7.882496
-72.788082   -35.707138   -1058.660
 0.50000   -9.099693 -283.873269   -7.882496
-72.788082   -31.662620   -1030.859
 0.75000   -9.099693 -261.883837   -7.882496
-72.788082   -27.974901   -1003.834
 1.00000   -9.099693 -241.273662   -7.882496
-72.788082   -24.481321   -976.211684

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.373971  162.256465    1.537068
531.783133   67.449887    2374.801
 0.25000   13.373971  181.079533    1.537068
531.303133   72.040108    2617.480
 0.50000   13.373971  201.706986    1.537068
530.823134   77.627477    2833.019
 0.75000   13.373971  223.656501    1.537068
530.343134   84.259647    3025.541
 1.00000   13.373971  246.440072    1.537068
529.863134   91.581471    3185.701

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.932031 -485.357726  -10.378973
-179.744408   -56.920759   -1895.690
 0.25000  -11.932031 -458.245860  -10.378973
-179.744408   -51.132736   -1851.792
 0.50000  -11.932031 -431.707526  -10.378973
-179.744408   -45.763707   -1806.236
 0.75000  -11.932031 -406.309170  -10.378973
-179.744408   -40.850208   -1763.371
 1.00000  -11.932031 -382.531022  -10.378973
-179.744408   -36.180949   -1719.802

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.011454  169.192054    2.795211
488.603172   62.934850    2722.688
 0.25000   14.011454  186.452141    2.795211
488.686747   65.933802    3012.752
 0.50000   14.011454  205.367947    2.795211
488.770322   69.961240    3277.888
 0.75000   14.011454  225.499123    2.795211
488.853897   75.010086    3520.509
 1.00000   14.011454  246.399652    2.795211
488.937472   80.826076    3734.867

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.565516 -526.633002   -9.761215
-315.592796   -64.168970   -2400.135
 0.25000  -12.565516 -501.782124   -9.761215
-315.592796   -58.697766   -2360.966
 0.50000  -12.565516 -477.460960   -9.761215
-315.592796   -53.857661   -2321.708
 0.75000  -12.565516 -454.187361   -9.761215
-315.592796   -49.812670   -2283.415
 1.00000  -12.565516 -432.399248   -9.761215
-315.592796   -46.437491   -2244.413

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.899892  159.701244    6.130362
448.228309   60.767285    2612.521
 0.25000   15.899892  174.090224    6.130362
448.377390   61.245482    2895.844
 0.50000   15.899892  189.859525    6.130362
448.464470   62.876217    3158.906
 0.75000   15.899892  206.642127    6.130362
448.551550   65.636662    3403.646
 1.00000   15.899892  224.066256    6.130362
448.638630   69.262671    3625.082
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1550

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.565469 -487.209140   -8.675185
-432.843762   -75.733022   -2581.040
 0.25000  -14.565469 -466.492397   -8.675185
-432.843762   -72.699347   -2550.654
 0.50000  -14.565469 -446.217481   -8.675185
-432.843762   -70.619990   -2520.214
 0.75000  -14.565469 -426.815747   -8.675185
-432.843762   -69.769021   -2490.561
 1.00000  -14.565469 -408.652491   -8.675185
-432.843762   -69.894785   -2451.661

 COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.598609  160.892911    8.489278
505.314344   67.412708    3103.062
 0.25000   10.598609  187.281047    8.489278
505.314344   70.151937    3281.608
 0.50000   10.598609  215.955245    8.489278
505.314344   74.095687    3495.195
 0.75000   10.598609  246.361215    8.489278
505.314344   79.220404    3671.731
 1.00000   10.598609  277.884892    8.489278
505.314344   85.470461    3830.696

 COMB     DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.839916 -482.597405   -7.586212
-515.252703   -57.008839   -1913.732
 0.25000  -10.839916 -453.411964   -7.586212
-484.294982   -55.111468   -1817.351
 0.50000  -10.839916 -424.951609   -7.586212
-466.764081   -57.831186   -1720.999
 0.75000  -10.839916 -397.685807   -7.586212
-466.736008   -63.593467   -1624.696
 1.00000  -10.839916 -372.163098   -7.586212
-466.716004   -70.561884   -1528.405

 COMB     DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.899892  169.192054   10.879292
531.783133   67.449887    2722.688
 0.25000   15.899892  186.452141   10.879292
531.303133   72.040108    3012.752
 0.50000   15.899892  205.367947   10.879292
530.823134   77.627477    3277.888
 0.75000   15.899892  225.499123   10.879292
530.343134   84.259647    3520.509
 1.00000   15.899892  246.440072   10.879292
529.863134   91.581471    3734.867

 COMB     DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -14.565469 -526.633002  -10.378973
-582.104991   -75.733022   -2581.040
 0.25000  -14.565469 -501.782124  -10.378973
-561.994843   -72.699347   -2550.654
 0.50000  -14.565469 -477.460960  -10.378973
-544.756853   -70.619990   -2520.214
 0.75000  -14.565469 -454.187361  -10.378973
-544.329183   -73.600906   -2490.561
 1.00000  -14.565469 -432.399248  -10.378973
-543.943657   -81.548692   -2451.661

 COMB     CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.899892  169.192054   10.879292
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531.783133    67.449887    3103.062
 0.25000    15.899892   187.281047    10.879292
531.303133    72.040108    3306.608
 0.50000    15.899892   215.955245    10.879292
530.823134    77.627477    3495.195
 0.75000    15.899892   246.361215    10.879292
530.343134    84.259647    3671.731
 1.00000    15.899892   277.884892    10.879292
529.863134    91.581471    3830.696
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1551

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.565469  -526.633002   -10.378973
-582.104991   -75.733022    -2581.040
 0.25000   -14.565469  -501.782124   -10.378973
-561.994843   -72.699347    -2550.654
 0.50000   -14.565469  -477.460960   -10.378973
-544.756853   -70.619990    -2520.214
 0.75000   -14.565469  -454.187361   -10.378973
-544.329183   -73.600906    -2490.561
 1.00000   -14.565469  -432.399248   -10.378973
-543.943657   -81.548692    -2451.661

 COMB   DESIGN  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    15.899892   169.192054    10.879292
531.783133    67.449887    3103.062
 0.25000    15.899892   187.281047    10.879292
531.303133    72.040108    3306.608
 0.50000    15.899892   215.955245    10.879292
530.823134    77.627477    3495.195
 0.75000    15.899892   246.361215    10.879292
530.343134    84.259647    3671.731
 1.00000    15.899892   277.884892    10.879292
529.863134    91.581471    3830.696

 COMB   DESIGN  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.565469  -526.633002   -10.378973
-582.104991   -75.733022    -2581.040
 0.25000   -14.565469  -501.782124   -10.378973
-561.994843   -72.699347    -2550.654
 0.50000   -14.565469  -477.460960   -10.378973
-544.756853   -70.619990    -2520.214
 0.75000   -14.565469  -454.187361   -10.378973
-544.329183   -73.600906    -2490.561
 1.00000   -14.565469  -432.399248   -10.378973
-543.943657   -81.548692    -2451.661

 ELEM      126 ================== LENGTH
=    4.927961

 COMB DB-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.361145   18.720373    4.406829
 45.075348   11.018449   515.861855
 0.25000    5.361145   18.732685    4.406829
 45.104567    9.297056   532.833684
 0.50000    5.361145   18.745868    4.406829
 45.136167    7.612134   550.652613
 0.75000    5.361145   18.759714    4.406829
 45.169596    5.966804   569.038372
 1.00000    5.361145   18.775378    4.406829
 45.208978    4.392338   588.032756

 COMB DB-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.652995   -21.303283   -1.061421
-121.808461   -41.785141   -481.179901
 0.25000   -5.652995   -21.287567   -1.061421
-121.769220   -43.365492   -459.792820
 0.50000   -5.652995   -21.273581   -1.061421
-121.737013   -45.593996   -438.405740
 0.75000   -5.652995   -21.260178   -1.061421
-121.706252   -48.044599   -417.018672
 1.00000   -5.652995   -21.247580   -1.061421
-121.677655   -51.866814   -395.694040

 COMB DB-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.614320   35.480110    7.198819
 74.925786   13.194516    1104.614
 0.25000    8.614320   35.492416    7.198819
 74.954945   10.649585    1138.843
 0.50000    8.614320   35.505594    7.198819
 74.986486    8.219967    1175.768
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1552

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000    8.614320   35.519433    7.198819
 75.019856    6.216887    1215.167
 1.00000    8.614320   35.535087    7.198819
 75.059162    4.614904    1257.657

 COMB DB-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.065724   -52.004546   -2.869221
-236.948409   -69.860357   -899.199935
 0.25000   -9.065724   -51.988841   -2.869221
-236.909285   -70.859932   -856.060400
 0.50000   -9.065724   -51.974861   -2.869221
-236.877134   -73.272331   -812.920125
 0.75000   -9.065724   -51.961463   -2.869221
-236.846430   -77.095100   -769.780974
 1.00000   -9.065724   -51.948871   -2.869221
-236.817889   -82.122895   -726.734318

 COMB DB-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.787694   53.873025    7.063178
 152.104459   16.248110    1927.746
 0.25000    8.787694   53.884102    7.063178
 152.130713   13.415428    1971.400
 0.50000    8.787694   53.895953    7.063178
 152.159111   10.831767    2027.701
 0.75000    8.787694   53.908419    7.063178
 152.189154    8.664809    2096.327
 1.00000    8.787694   53.922509    7.063178
 152.224543    6.807341    2177.443

 COMB DB-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.244126  -103.569545   -3.085107
-337.767125   -64.197716    -1273.837
 0.25000   -9.244126  -103.555408   -3.085107
-337.731892   -64.788741    -1207.323
 0.50000   -9.244126  -103.542825   -3.085107
-337.702946   -66.387847    -1140.809
 0.75000   -9.244126  -103.530766   -3.085107
-337.675302   -69.002218    -1074.295
 1.00000   -9.244126  -103.519432   -3.085107
-337.649605   -73.160135    -1007.868

 COMB DB-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.208001   121.110711    7.110460
232.616616   41.835097    2828.982
 0.25000   10.208001   132.616863    7.110460
255.171063   39.480014    2905.254
 0.50000   10.208001   144.971517    7.110460
281.166739   37.646143    2979.877
 0.75000   10.208001   157.966485    7.110460
308.906338   36.674497    3057.950
 1.00000   10.208001   172.370399    7.110460
341.132291   36.199178    3136.243

 COMB DB-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.669556  -246.290276   -4.538871
-430.834407   -62.507309   -1462.868
 0.25000  -10.669556  -231.831657   -4.538871
-400.107358   -62.013288    -1381.193
 0.50000  -10.669556  -218.694045   -4.538871
-373.315300   -62.359079    -1299.519
 0.75000  -10.669556  -206.118419   -4.538871
-352.778203   -63.549249    -1217.851
 1.00000  -10.669556  -194.326911   -4.538871
-335.991383   -66.314441    -1136.270

 COMB DB-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.994718   19.863945    2.615840
 46.786180    3.438237   811.958543
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1553

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000    2.994718   19.999348    2.615840
 47.107323    2.387342   831.194879
 0.50000    2.994718   20.144341    2.615840
 47.454668    1.578728   856.753710
 0.75000    2.994718   20.296616    2.615840
 47.822122    1.090880   885.835951
 1.00000    2.994718   20.468872    2.615840
 48.254988    0.824504   919.295662

 COMB DB-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.120580   -46.121506   -1.918498
-141.853448   -24.265553   -504.391768
 0.25000   -3.120580   -45.948677   -1.918498
-141.422311   -23.250604   -476.699817
 0.50000   -3.120580   -45.794860   -1.918498
-141.068276   -23.124290   -449.007877
 0.75000   -3.120580   -45.647446   -1.918498
-140.730159   -23.828998   -421.315963
 1.00000   -3.120580   -45.508898   -1.918498
-140.415834   -25.153014   -393.624183

 COMB DB-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.246126   63.218210    3.081499
 181.847417   16.276384    2014.431
 0.25000    4.246126   63.230518    3.081499
 181.876600   14.952512    2034.186
 0.50000    4.246126   63.243698    3.081499
 181.908165   13.799414    2077.586
 0.75000    4.246126   63.257540    3.081499
 181.941558   13.557497    2151.314
 1.00000    4.246126   63.273197    3.081499
 181.980894   13.470319    2248.911

 COMB DB-G2-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.469691  -128.830176   -2.567482
-280.248977   -25.128539    -1017.231
 0.25000   -4.469691  -128.814467   -2.567482
-280.209806   -25.734622   -957.795265
 0.50000   -4.469691  -128.800445   -2.567482
-280.177633   -22.668081   -898.359661
 0.75000   -4.469691  -128.787084   -2.567482
-280.146906   -21.962312   -838.932655
 1.00000   -4.469691  -128.774490   -2.567482
-280.118342   -22.757312   -779.512706

 COMB DB-G2-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.880010   72.010676    6.063457
 197.213945   19.076686    2258.828
 0.25000    7.880010   72.021754    6.063457
 197.240210   17.001033    2291.402
 0.50000    7.880010   72.033616    6.063457
 197.268618   15.271104    2346.026
 0.75000    7.880010   72.046073    6.063457
 197.298672   13.977651    2428.787
 1.00000    7.880010   72.060165    6.063457
 197.334075   13.012829    2533.512

 COMB DB-G2-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.301749  -135.081786   -3.508314
-352.304411   -54.749650   -1301.757
 0.25000   -8.301749  -135.067647   -3.508314
-352.269158   -54.287205    -1236.033
 0.50000   -8.301749  -135.055063   -3.508314
-352.240201   -54.630434    -1164.310
 0.75000   -8.301749  -135.043003   -3.508314
-352.212547   -55.853956    -1092.621
 1.00000   -8.301749  -135.031668   -3.508314
-352.186840   -59.227184    -1020.991
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1554

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.601383   152.719301    6.638611
 274.274088   53.227885    3237.646
 0.25000   10.601383   170.361209    6.638611
 280.175182   51.495526    3336.121
 0.50000   10.601383   189.374668    6.638611
 304.784708   50.540445    3422.022
 0.75000   10.601383   209.414908    6.638611
 327.508021   50.690766    3499.567
 1.00000   10.601383   231.008908    6.638611
 348.412640   51.535067    3566.914

 COMB DB-G2-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.985702  -317.938879   -5.711705
-369.871987   -56.256663    -1498.591
 0.25000  -10.985702  -296.248373   -5.711705
-348.932597   -54.629341    -1411.546
 0.50000  -10.985702  -275.965033   -5.711705
-325.488480   -53.693332    -1324.501
 0.75000  -10.985702  -256.580912   -5.711705
-312.514964   -53.493353    -1237.484
 1.00000  -10.985702  -238.463351   -5.711705
-312.514964   -54.845740    -1150.534

 COMB DB-G3-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.993898   146.508593    2.771624
 293.328743   64.517657    2156.653
 0.25000    6.993898   169.010199    2.771624
 293.328743   64.577952    2247.090
 0.50000    6.993898   193.454682    2.771624
 293.328743   65.610619    2302.922
 0.75000    6.993898   219.321494    2.771624
 293.328743   67.701152    2323.906
 1.00000    6.993898   245.637563    2.771624
 293.328743   70.785047    2313.299

 COMB DB-G3-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.013803  -299.179875   -4.963371
-91.399555   -17.651516   -628.630170
 0.25000   -7.013803  -272.708934   -4.963371
-91.399555   -15.565597   -586.324497
 0.50000   -7.013803  -246.469634   -4.963371
-91.399555   -13.482730   -544.019547
 0.75000   -7.013803  -221.471156   -4.963371
-91.399555   -11.402618   -501.719761
 1.00000   -7.013803  -198.264988   -4.963371
-91.399555   -9.327391   -459.443905

 COMB DB-G3-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.150789   207.949216    3.782712
 411.829748   86.369882    3391.326
 0.25000    9.150789   234.861909    3.782712
 411.829748   86.384558    3493.223
 0.50000    9.150789   264.017241    3.782712
 411.829748   87.632808    3569.135
 0.75000    9.150789   294.935631    3.782712
 411.829748   90.237652    3626.975
 1.00000    9.150789   326.722298    3.782712
 411.829748   94.030860    3662.781

 COMB DB-G3-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.206260  -415.914582   -6.351211
-182.857098   -27.036277    -1094.003
 0.25000   -9.206260  -383.853578   -6.351211
-182.857098   -24.040116    -1022.156
 0.50000   -9.206260  -352.612045   -6.351211
-182.857098   -21.059699   -950.309397
 0.75000   -9.206260  -322.822947   -6.351211
-182.857098   -18.098242   -878.476703
 1.00000   -9.206260  -295.102910   -6.351211
-182.857098   -15.153643   -806.683226
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1555

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.786980   201.818731    4.649961
 419.299088   78.479145    3830.057
 0.25000    9.786980   226.506740    4.649961
 419.299088   77.608247    3941.606
 0.50000    9.786980   253.244520    4.649961
 419.299088   77.991891    4034.003
 0.75000    9.786980   281.504369    4.649961
 419.299088   79.754529    4113.230
 1.00000    9.786980   310.793179    4.649961
 419.299088   82.657943    4176.533

 COMB DB-G3-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.968969  -420.537869   -6.656050
-281.995875   -30.635308    -1429.011
 0.25000   -9.968969  -391.090138   -6.656050
-281.995875   -27.553168    -1339.025
 0.50000   -9.968969  -362.444187   -6.656050
-281.995875   -24.495184    -1249.038
 0.75000   -9.968969  -335.127691   -6.656050
-281.995875   -21.463556    -1159.061
 1.00000   -9.968969  -309.702337   -6.656050
-281.995875   -20.062262    -1069.119

 COMB DB-G3-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.286497   181.243026    6.448678
 373.401251   67.379983    3608.976
 0.25000   11.286497   201.826598    6.448678
 373.401251   65.990425    3715.600
 0.50000   11.286497   224.118913    6.448678
 373.401251   66.697242    3807.040
 0.75000   11.286497   247.680134    6.448678
 373.401251   68.729094    3887.989
 1.00000   11.286497   272.100876    6.448678
 373.401251   69.077963    3956.576

 COMB DB-G3-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.601718  -369.905751   -6.851300
-324.122492   -52.025853    -1528.407
 0.25000  -11.601718  -345.352541   -6.851300
-324.122492   -49.490355    -1436.884
 0.50000  -11.601718  -321.469478   -6.851300
-324.122492   -47.544103    -1345.360
 0.75000  -11.601718  -298.694748   -6.851300
-324.122492   -46.224628    -1253.872
 1.00000  -11.601718  -277.496525   -6.851300
-324.122492   -46.384763    -1162.432

 COMB DL-G1-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.324310   27.255416    5.670963
 56.852393   12.475480   650.801284
 0.25000    8.324310   27.267189    5.670963
 56.867205   10.048511   681.243336
 0.50000    8.324310   27.268759    5.670963
 56.883595    7.857834   711.805445
 0.75000    8.324310   27.276190    5.670963
 56.901163    5.952831   742.638364
 1.00000    8.324310   27.283930    5.670963
 56.919466    4.527476   773.602333

 COMB DL-G1-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -7.232744   -46.094174   -1.522691
-156.799000   -46.421610   -797.320764
 0.25000   -7.232744   -46.085929   -1.522691
-156.781907   -48.726935   -801.964011
 0.50000   -7.232744   -46.077968   -1.522691
-156.765523   -51.528777   -806.616959
 0.75000   -7.232744   -46.070434   -1.522691
-156.750291   -54.897225   -811.282009
 1.00000   -7.232744   -46.063462   -1.522691
-156.736624   -58.982404   -815.985555
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1556

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.870091   52.489759    8.489178
 93.568672   14.215746    1345.992
 0.25000   12.870091   52.496128    8.489178
 93.583444   10.853005    1407.465
 0.50000   12.870091   52.503093    8.489178
 93.599793    8.092715    1469.443
 0.75000   12.870091   52.510520    8.489178
 93.617318    5.963785    1532.102
 1.00000   12.870091   52.518255    8.489178
 93.635572    4.661817    1596.105

 COMB DL-G1-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.770291   -99.112230   -3.450522
-286.833086   -81.338998    -1471.410
 0.25000  -11.770291   -99.103990   -3.450522
-286.816044   -83.316989    -1475.243
 0.50000  -11.770291   -99.096034   -3.450522
-286.799708   -86.326633    -1479.092
 0.75000  -11.770291   -99.088504   -3.450522
-286.784521   -90.767229    -1482.974
 1.00000  -11.770291   -99.081536   -3.450522
-286.770897   -96.493213    -1486.879

 COMB DL-G1-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.384524   86.513049    8.255435
 155.502056   17.473085    2245.270
 0.25000   13.384524   86.696488    8.255435
 155.921686   14.026427    2338.057
 0.50000   13.384524   86.897122    8.255435
 156.398723   11.352918    2435.285
 0.75000   13.384524   87.111032    8.255435
 156.903660    9.409282    2536.566
 1.00000   13.384524   87.333831    8.255435
 157.429595    8.327499    2641.722

 COMB DL-G1-3  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.821134  -174.570610   -4.003489
-378.133409   -79.431606    -2086.733
 0.25000  -11.821134  -174.333283   -4.003489
-377.642343   -80.521022    -2084.126
 0.50000  -11.821134  -174.104118   -4.003489
-377.171637   -82.693417    -2081.491
 0.75000  -11.821134  -173.887236   -4.003489
-376.734046   -86.020796    -2078.878
 1.00000  -11.821134  -173.686873   -4.003489
-376.341462   -90.733288    -2076.282

 COMB DL-G1-4  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.913534   144.845029    8.063090
 246.391026   45.312734    2979.240
 0.25000   15.913534   154.092146    8.063090
 265.012740   43.152217    3112.205
 0.50000   15.913534   164.191462    8.063090
 285.747547   41.751324    3235.158
 0.75000   15.913534   174.944225    8.063090
 308.004541   40.998358    3350.147
 1.00000   15.913534   186.121777    8.063090
 331.106312   41.065112    3454.408

 COMB DL-G1-4  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.980397  -301.208174   -5.865616
-455.178855   -78.150290    -2345.557
 0.25000  -13.980397  -289.261541   -5.865616
-434.217372   -78.022072    -2335.373
 0.50000  -13.980397  -277.701062   -5.865616
-414.076016   -78.811671    -2325.380
 0.75000  -13.980397  -266.742693   -5.865616
-395.419308   -80.570304    -2315.245
 1.00000  -13.980397  -256.589277   -5.865616
-378.846834   -83.581775    -2305.138
 Program    SAP2000    Nonlinear    Version    7.42
              File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                         1557

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.179620   32.066749    2.576694
 48.451221    2.883586   909.110076
 0.25000    4.179620   32.130437    2.576694
 48.598944    1.869121   948.383014
 0.50000    4.179620   32.200094    2.576694
 48.762429    1.171080   987.976426
 0.75000    4.179620   32.274361    2.576694
 48.937680    0.924134    1028.355
 1.00000    4.179620   32.351710    2.576694
 49.120218    0.945563    1070.462

 COMB DL-G2-1  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.124631   -71.483639   -2.159332
-147.392130   -32.752031   -801.080671
 0.25000   -4.124631   -71.401242   -2.159332
-147.221705   -31.718109   -798.052972
 0.50000   -4.124631   -71.321678   -2.159332
-147.058346   -31.151792   -795.073719
 0.75000   -4.124631   -71.246379   -2.159332
-146.906480   -31.096225   -792.141697
 1.00000   -4.124631   -71.176697   -2.159332
-146.770237   -32.991933   -789.058013

 COMB DL-G2-2  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.637006   90.155423    3.094381
 164.001621   17.374199    2135.875
 0.25000    6.637006   90.161794    3.094381
 164.016426   16.308454    2205.729
 0.50000    6.637006   90.168764    3.094381
 164.032609   15.824117    2286.515
 0.75000    6.637006   90.176194    3.094381
 164.050372   15.843280    2381.587
 1.00000    6.637006   90.183934    3.094381
 164.068665   16.296933    2486.853

 COMB DL-G2-2  ------------------  MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.747166  -180.380797   -3.327859
-280.093990   -36.764170    -1621.343
 0.25000   -5.747166  -180.372553   -3.327859
-280.076905   -35.058073    -1610.270
 0.50000   -5.747166  -180.364593   -3.327859
-280.060529   -33.938566    -1599.197
 0.75000   -5.747166  -180.357060   -3.327859
-280.045305   -33.714662    -1588.090
 1.00000   -5.747166  -180.350088   -3.327859
-280.031645   -34.356723    -1576.942

 COMB DL-G2-3  ------------------  MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.025467   103.230431    6.720760
 189.305371   20.326591    2481.186
 0.25000   12.025467   103.236166    6.720760
 189.318696   18.012015    2570.511
 0.50000   12.025467   103.242438    6.720760
 189.333441   16.502395    2669.628
 0.75000   12.025467   103.249125    6.720760
 189.349247   15.643274    2781.701
 1.00000   12.025467   103.256091    6.720760
 189.365711   15.431210    2903.279

 COMB DL-G2-3  ------------------  MIN
```

REL DIST P V2 V3
T M2 M3
0.00000 -10.690338 -202.409775 -4.401830
-378.034997 -69.605494 -2158.082
0.25000 -10.690338 -202.402355 -4.401830
-378.019621 -69.316211 -2141.805
0.50000 -10.690338 -202.395191 -4.401830
-378.004883 -70.181861 -2106.909
0.75000 -10.690338 -202.388411 -4.401830
-377.991181 -72.414844 -2087.428
1.00000 -10.690338 -202.382137 -4.401830
-377.978887 -75.273754 -2074.378
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1558

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.288381 170.715404 7.099037
273.229876 56.328696 3318.462
0.25000 16.288381 184.631645 7.099037
283.300627 55.403336 3474.330
0.50000 16.288381 199.812470 7.099037
307.531404 55.343542 3610.265
0.75000 16.288381 215.965868 7.099037
333.656621 56.007811 3727.447
1.00000 16.288381 232.650599 7.099037
360.320433 57.334735 3824.605

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.608574 -361.958029 -7.174074
-407.794924 -72.587211 -2431.134
0.25000 -14.608574 -343.999157 -7.174074
-385.073861 -71.055001 -2408.506
0.50000 -14.608574 -326.564178 -7.174074
-363.097413 -70.374985 -2370.648
0.75000 -14.608574 -309.994152 -7.174074
-342.917845 -70.743793 -2345.447
1.00000 -14.608574 -294.636977 -7.174074
-341.630460 -72.163272 -2325.624

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.617466 134.011796 2.628159
310.213363 67.482976 1995.653
0.25000 10.617466 151.476453 2.628159
306.130444 68.972963 2106.278
0.50000 10.617466 170.500952 2.628159
301.792260 70.974937 2184.026
0.75000 10.617466 190.666853 2.628159
297.454075 73.607346 2227.186
1.00000 10.617466 211.347137 2.628159
293.115891 76.764616 2236.833

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.846454 -284.090088 -6.229824
-106.168710 -975.892118 -3523.155
0.25000 -9.846454 -261.580992 -6.229824
-106.423975 -22.814517 -961.342336
0.50000 -9.846454 -239.586810 -6.229824
-106.423975 -20.355416 -946.712402
0.75000 -9.846454 -218.578733 -6.229824
-106.423975 -17.893416 -932.521211
1.00000 -9.846454 -199.040844 -6.229824
-106.423975 -15.458912 -917.431852

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.559490 202.122459 3.675002
422.543905 93.552361 3184.208
0.25000 14.559490 222.368026 3.675002
422.063978 95.518312 3327.452
0.50000 14.559490 244.424019 3.675002
421.584032 98.061715 3442.369
0.75000 14.559490 267.625640 3.675002
421.104085 101.256310 3533.953
1.00000 14.559490 291.862563 3.675002
420.624139 105.058995 3595.413

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.968968 -411.715753 -8.202847
-211.039119 -37.402995 -1719.360
0.25000 -12.968968 -385.620477 -8.202847
-211.039119 -34.037823 -1693.557
0.50000 -12.968968 -360.161259 -8.202847
-211.039119 -30.696647 -1668.025
0.75000 -12.968968 -335.871957 -8.202847
-211.039119 -27.377164 -1637.474
1.00000 -12.968968 -313.299423 -8.202847
-211.039119 -24.070929 -1612.255
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1559

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.256362 210.790828 4.568794
419.322602 82.975406 3733.989
0.25000 15.256362 229.352014 4.568794
419.406165 83.865018 3901.802
0.50000 15.256362 249.573250 4.568794
419.489731 85.616321 4043.838
0.75000 15.256362 271.030761 4.568794
419.573297 88.236069 4162.757
1.00000 15.256362 293.075202 4.568794
419.656863 91.540468 4255.322

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.624061 -439.844432 -8.600353
-302.781385 -47.410714 -2244.064
0.25000 -13.624061 -415.919984 -8.600353
-302.781385 -43.397606 -2219.632
0.50000 -13.624061 -392.583183 -8.600353
-302.781385 -39.847456 -2195.316
0.75000 -13.624061 -370.322047 -8.600353
-302.781385 -37.008324 -2171.473
1.00000 -13.624061 -349.635391 -8.600353
-302.781385 -34.656477 -2147.130

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.226203 194.874417 6.671457
380.428108 71.214377 3624.952
0.25000 17.226203 210.347939 6.671457
380.515176 71.071755 3788.828
0.50000 17.226203 227.205369 6.671457
380.602247 71.915963 3931.282
0.75000 17.226203 245.093505 6.671457
380.689317 73.754989 4054.480
1.00000 17.226203 263.471084 6.671457
380.776388 76.570909 4156.235

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.687321 -404.232492 -8.610279
-359.544979 -70.647516 -2451.502
0.25000 -15.687321 -384.287882 -8.610279
-359.544979 -67.762629 -2426.719
0.50000 -15.687321 -364.833314 -8.610279
-359.544979 -65.752014 -2402.234
0.75000 -15.687321 -346.275575 -8.610279
-359.544979 -64.858557 -2378.038
1.00000 -15.687321 -329.030419 -8.610279
-359.544979 -64.811637 -2353.486

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.286497 207.949216 7.198819
419.299088 86.369882 3830.057
0.25000 11.286497 234.861909 7.198819
419.299088 86.384558 3941.606
0.50000 11.286497 264.017241 7.198819
419.299088 87.632808 4034.003
0.75000 11.286497 294.835631 7.198819
419.299088 90.237652 4113.230
1.00000 11.286497 326.722298 7.198819
419.299088 94.030860 4176.533

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.601718 -420.537869 -6.851300
-430.834407 -69.860357 -1528.407
0.25000 -11.601718 -391.090139 -6.851300
-400.107358 -70.859932 -1436.884
0.50000 -11.601718 -362.444187 -6.851300
-373.315300 -73.272331 -1345.360
0.75000 -11.601718 -335.127691 -6.851300
-352.778203 -77.095100 -1253.872
1.00000 -11.601718 -309.702337 -6.851300
-352.186840 -82.122895 -1162.432
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1560

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.226203 210.790828 8.489178
422.543905 93.552361 3733.989
0.25000 17.226203 229.352014 8.489178
422.063978 95.518312 3901.802
0.50000 17.226203 249.573250 8.489178
421.584032 98.061715 4043.838
0.75000 17.226203 271.030761 8.489178
421.104085 101.256310 4162.757
1.00000 17.226203 293.075202 8.489178
420.624139 105.058995 4255.322

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.687321 -439.844432 -8.610279
-455.178855 -81.338998 -2451.502
0.25000 -15.687321 -415.919984 -8.610279
-434.217372 -83.316989 -2426.719
0.50000 -15.687321 -392.583183 -8.610279
-414.076016 -86.326633 -2402.234
0.75000 -15.687321 -370.322047 -8.610279
-395.419308 -90.767229 -2378.038
1.00000 -15.687321 -349.635391 -8.610279
-378.846834 -96.493213 -2353.486

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.226203 210.790828 8.489178
422.543905 93.552361 3830.057
0.25000 17.226203 234.861909 8.489178
422.063978 95.518312 3941.606
0.50000 17.226203 264.017241 8.489178
421.584032 98.061715 4043.838
0.75000 17.226203 294.835631 8.489178
421.104085 101.256310 4162.757
1.00000 17.226203 326.722298 8.489178
420.624139 105.058995 4255.322

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.687321 -439.844432 -8.610279
-455.178855 -81.338998 -2451.502
0.25000 -15.687321 -415.919984 -8.610279
-434.217372 -83.316989 -2426.719
0.50000 -15.687321 -392.583183 -8.610279
-414.076016 -86.326633 -2402.234
0.75000 -15.687321 -370.322047 -8.610279
-395.419308 -90.767229 -2378.038
1.00000 -15.687321 -349.635391 -8.610279
-378.846834 -96.493213 -2353.486

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.226203 210.790828 8.489178
422.543905 93.552361 3830.057
0.25000 17.226203 234.861909 8.489178
422.063978 95.518312 3941.606
0.50000 17.226203 264.017241 8.489178
421.584032 98.061715 4043.838
0.75000 17.226203 294.835631 8.489178
421.104085 101.256310 4162.757
1.00000 17.226203 326.722298 8.489178
420.624139 105.058995 4255.322

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.687321 -439.844432 -8.610279
-455.178855 -81.338998 -2451.502
0.25000 -15.687321 -415.919984 -8.610279
-434.217372 -83.316989 -2426.719
0.50000 -15.687321 -392.583183 -8.610279
-414.076016 -86.326633 -2402.234
0.75000 -15.687321 -370.322047 -8.610279
-395.419308 -90.767229 -2378.038
1.00000 -15.687321 -349.635391 -8.610279
-378.846834 -96.493213 -2353.486
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1561

F R A M E E L E M E N T I N T E R N A
L F O R C E S

ELEM 127 ========== LENGTH
= 4.927654

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.658736 17.231549 2.949465
41.643032 4.474614 588.251673
0.25000 5.658736 17.244043 2.949465
41.672054 3.433897 585.279261
0.50000 5.658736 17.257388 2.949465
41.703503 3.885604 582.907309
0.75000 5.658736 17.271364 2.949465
41.736789 5.304004 581.239993
1.00000 5.658736 17.287113 2.949465
41.776013 6.734208 580.282316

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.994773 -21.691173 -2.500856
-41.738275 -51.739979 -395.586662
0.25000 -5.994773 -21.675429 -2.500856
-41.699050 -51.198675 -369.168816
0.50000 -5.994773 -21.661465 -2.500856
-41.665765 -51.243028 -342.759319
0.75000 -5.994773 -21.648138 -2.500856
-41.634315 -51.936852 -316.407770
1.00000 -5.994773 -21.635668 -2.500856
-41.605292 -53.219134 -331.316648

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.101055 37.017789 5.419109
105.043852 4.584535 1258.015
0.25000 9.101055 37.030278 5.419109
105.072815 3.561792 1250.322
0.50000 9.101055 37.043616 5.419109
105.104206 4.543325 1244.799
0.75000 9.101055 37.057586 5.419109
105.137432 6.193093 1243.034
1.00000 9.101055 37.073325 5.419109
105.176581 7.862430 1243.309

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.617425 -42.510339 -4.640944
-105.048589 -81.899577 -726.570108
0.25000 -9.617425 -42.494606 -4.640944
-105.012439 -80.529860 -676.553582
0.50000 -9.617425 -42.480647 -4.640944
-104.976213 -80.429358 -626.537065
0.75000 -9.617425 -42.467326 -4.640944
-104.944822 -81.769611 -577.241834
1.00000 -9.617425 -42.454862 -4.640944
-104.915858 -84.396906 -610.566842

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.287176 74.829096 5.577528
203.849663 2.167152 2177.797
0.25000 9.287176 74.840336 5.577528
203.875140 5.274529 2153.893
0.50000 9.287176 74.852342 5.577528
203.903402 6.053460 2141.833
0.75000 9.287176 74.864916 5.577528
203.933317 7.900600 2143.713
1.00000 9.287176 74.879303 5.577528
203.968564 9.918656 2156.965

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.809816 -77.447200 -4.582771
-203.805834 -72.818989 -1007.732
0.25000 -9.809816 -77.433038 -4.582771
-203.770585 -71.379328 -935.753063
0.50000 -9.809816 -77.420474 -4.582771
-203.740671 -71.418478 -863.773876
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1562

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -9.809816 -77.408484 -4.582771
-203.712409 -73.010238 -799.001847
1.00000 -9.809816 -77.397266 -4.582771
-203.686331 -76.040455 -851.240441

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.815134 155.180847 6.380093
244.848116 36.646594 3136.538
0.25000 10.815134 166.871776 6.380093
267.558686 34.363672 3129.227
0.50000 10.815134 179.390360 6.380093
292.824893 34.543376 3119.756
0.75000 10.815134 192.519088 6.380093
319.523226 36.216125 3112.250
1.00000 10.815134 207.013543 6.380093
351.466608 38.309039 3113.606

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.348884 -207.243414 -5.373625
-351.374768 -66.004942 -1136.216
0.25000 -11.348884 -192.753804 -5.373625
-319.427899 -64.110111 -1052.452
0.50000 -11.348884 -179.636235 -5.373625
-292.729795 -63.446247 -968.690060
0.75000 -11.348884 -167.134867 -5.373625
-267.461467 -64.191948 -900.556241
1.00000 -11.348884 -155.467409 -5.373625
-244.743099 -67.033446 -964.055371

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.171611 30.470982 2.468334
92.578510 0.869618 919.415472
0.25000 3.171611 30.608390 2.468334
92.897495 0.581402 910.642566
0.50000 3.171611 30.755154 2.468334
93.243183 0.765460 905.224996
0.75000 3.171611 30.908864 2.468334
93.609060 0.969282 906.614609
1.00000 3.171611 31.082059 2.468334
94.040197 1.184297 911.105633

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.314174 -30.057513 -2.092074
-93.940891 -25.029672 -393.584453
0.25000 -3.314174 -29.884372 -2.092074
-93.509748 -24.232188 -364.798565
0.50000 -3.314174 -29.730789 -2.092074
-93.143872 -24.078204 -336.012775
0.75000 -3.314174 -29.584220 -2.092074
-92.798183 -24.802755 -309.905378
1.00000 -3.314174 -29.447077 -2.092074
-92.479194 -26.206236 -333.348177

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.503469 95.912219 3.179056
234.507132 13.827885 2249.019
0.25000 4.503469 95.924709 3.179056
234.536119 12.571622 2206.188
0.50000 4.503469 95.938050 3.179056
234.567534 12.365764 2185.849
0.75000 4.503469 95.952023 3.179056
234.600783 12.566400 2198.270
1.00000 4.503469 95.967766 3.179056
234.639962 13.647486 2232.655

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.760849 -92.474919 -2.524933
-234.529394 -22.520571 -779.512736
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1563

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -4.760849 -92.459181 -2.524933
-234.490215 -21.336183 -720.721658
0.50000 -4.760849 -92.445220 -2.524933
-234.456965 -21.051490 -661.930590
0.75000 -4.760849 -92.431896 -2.524933
-234.425550 -21.697535 -615.108178
1.00000 -4.760849 -92.419430 -2.524933
-234.396563 -23.506764 -663.536937

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.339459 100.289687 5.263767
248.808558 13.413596 2533.782
0.25000 8.339459 100.300929 5.263767
248.834646 12.193834 2492.642
0.50000 8.339459 100.312935 5.263767
248.862919 12.736077 2472.434
0.75000 8.339459 100.325511 5.263767
248.892544 13.956151 2482.450
1.00000 8.339459 100.339279 5.263767
248.928105 15.430747 2512.599

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.823110 -100.971809 -4.331809
-248.772743 -58.911639 -1020.910
0.25000 -8.823110 -100.957644 -4.331809
-248.737482 -57.331907 -946.305143
0.50000 -8.823110 -100.945080 -4.331809
-248.707557 -57.082240 -871.700776
0.75000 -8.823110 -100.933089 -4.331809
-248.679284 -58.235897 -807.908143
1.00000 -8.823110 -100.921869 -4.331809
-248.653195 -60.935377 -865.036184

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.249317 193.452188 6.734870
261.792489 52.036863 3567.031
0.25000 11.249317 211.407655 6.734870
267.826030 50.002420 3575.982
0.50000 11.249317 230.700567 6.734870
292.357311 49.921273 3571.825
0.75000 11.249317 250.970914 6.734870
315.032125 51.184242 3565.254
1.00000 11.249317 272.726175 6.734870
335.926033 53.152651 3544.047

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.696040 -271.315825 -5.776844
-335.870486 -54.556742 -1150.534
0.25000 -11.696040 -249.568407 -5.776844
-314.574898 -52.432661 -1064.014
0.50000 -11.696040 -229.315976 -5.776844
-292.295531 -51.418635 -977.513859
0.75000 -11.696040 -210.050891 -5.776844
-267.756169 -51.902780 -910.540318
1.00000 -11.696040 -192.133354 -5.776844
-261.747032 -54.702105 -978.622848

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.453641 173.178661 4.114795
190.601215 71.040294 2317.814
0.25000 7.453641 196.157675 4.114795
190.601215 69.226619 2360.041
0.50000 7.453641 221.030411 4.114795
190.601215 68.430244 2372.836
0.75000 7.453641 247.254784 4.114795
190.601215 68.806293 2356.534
1.00000 7.453641 273.833251 4.114795
190.601215 70.200614 2304.833
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1564

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.488520 -270.884618 -3.854581
-190.716291 -9.289856 -459.551166
0.25000 -7.488520 -244.317172 -3.854581
-190.716291 -7.924761 -422.038153
0.50000 -7.488520 -218.117763 -3.854581
-190.716291 -6.561598 -384.538647
0.75000 -7.488520 -193.284363 -3.854581
-190.716291 -5.981025 -363.560646
1.00000 -7.488520 -170.358433 -3.854581
-190.716291 -6.901134 -395.117656

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.754276 253.184138 5.420085
296.499229 94.452914 3662.296
0.25000 9.754276 280.640003 5.420085
296.499229 92.063444 3690.973
0.50000 9.754276 310.281921 5.420085
296.499229 90.938458 3692.231
0.75000 9.754276 341.504981 5.420085
296.499229 91.247911 3684.131
1.00000 9.754276 373.685818 5.420085
296.499229 92.860686 3647.104

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.846931 -368.619871 -4.983294
-296.638779 -15.081590 -806.842218
0.25000 -9.846931 -336.451899 -4.983294
-296.638779 -13.034514 -741.945909
0.50000 -9.846931 -305.257890 -4.983294
-296.638779 -11.003912 -677.070214
0.75000 -9.846931 -275.661485 -4.983294
-296.638779 -9.791420 -638.403365
1.00000 -9.846931 -248.267650 -4.983294
-296.638779 -10.768157 -692.855272

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.418663 258.131793 6.173975
353.129243 83.297303 4176.173
0.25000 10.418663 283.315483 6.173975
353.129243 80.284394 4193.546
0.50000 10.418663 310.497284 6.173975
353.129243 79.224834 4191.221
0.75000 10.418663 339.126232 6.173975
353.129243 80.010437 4183.820
1.00000 10.418663 368.683081 6.173975
353.129243 82.084944 4155.127

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.639961 -362.126501 -5.414949
-353.180758 -19.841242 -1069.247
0.25000 -10.639961 -332.581415 -5.414949
-353.180758 -17.721678 -985.284902
0.50000 -10.639961 -303.979052 -5.414949
-353.180758 -16.153767 -901.342338
0.75000 -10.639961 -276.838881 -5.414949
-353.180758 -15.877794 -845.072434
1.00000 -10.639961 -251.711937 -5.414949
-353.180758 -17.967970 -915.038085

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.990363	227.820613	7.217644
333.867903	69.658022	3956.413	
0.25000	11.990363	248.817372	7.217644
333.867903	67.180866	3968.722	
0.50000	11.990363	271.479812	7.217644
333.867903	66.671423	3965.186	
0.75000	11.990363	295.348697	7.217644
333.867903	67.689819	3958.056	
1.00000	11.990363	319.992856	7.217644
333.867903	69.790043	3933.405	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1565

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.361467	-317.013879	-6.303927
-333.844645	-46.115792	-1162.477	
0.25000	-12.361467	-292.379526	-6.303927
-333.844645	-43.755358	-1073.662	
0.50000	-12.361467	-268.532804	-6.303927
-333.844645	-42.393570	-984.863084	
0.75000	-12.361467	-245.905070	-6.303927
-333.844645	-42.695026	-919.079683	
1.00000	-12.361467	-224.955617	-6.303927
-333.844645	-45.485845	-990.728733	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.793562	30.212144	3.400698
67.120703	4.830539	773.929096	
0.25000	8.793562	30.218841	3.400698
67.134922	4.816590	778.548203	
0.50000	8.793562	30.226134	3.400698
67.150690	5.437590	783.506094	
0.75000	8.793562	30.233853	3.400698
67.167628	6.616540	788.458862	
1.00000	8.793562	30.241817	3.400698
67.185275	8.013890	793.464472	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.640956	-38.891993	-3.222335
-73.517729	-59.042924	-816.108822	
0.25000	-7.640956	-38.884005	-3.222335
-73.500071	-59.159630	-811.440367	
0.50000	-7.640956	-38.876303	-3.222335
-73.483132	-59.646183	-806.777008	
0.75000	-7.640956	-38.868059	-3.222335
-73.467364	-60.607025	-802.109232	
1.00000	-7.640956	-38.862389	-3.222335
-73.453154	-62.034463	-797.437635	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.589737	63.022247	5.882352
137.899378	4.760630	1596.662	
0.25000	13.589737	63.028941	5.882352
137.913556	4.866392	1604.940	
0.50000	13.589737	63.036229	5.882352
137.929281	5.863839	1613.829	
0.75000	13.589737	63.043943	5.882352
137.946173	7.370593	1622.970	
1.00000	13.589737	63.051961	5.882352
137.963772	9.139286	1632.349	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.426300	-77.740946	-5.646274
-147.103240	-96.306474	-1487.050	
0.25000	-12.426300	-77.732963	-5.646274
-147.085631	-95.932677	-1478.394	
0.50000	-12.426300	-77.725266	-5.646274
-147.068738	-96.346689	-1469.717	
0.75000	-12.426300	-77.718026	-5.646274
-147.053013	-97.876901	-1461.066	
1.00000	-12.426300	-77.711359	-5.646274
-147.038844	-100.237999	-1452.377	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.139338	114.721943	6.038141
221.605867	8.624517	2642.288	
0.25000	14.139338	114.914126	6.038141
222.014388	8.107542	2648.811	
0.50000	14.139338	115.124664	6.038141
222.467470	9.052399	2659.057	
0.75000	14.139338	115.346847	6.038141
222.954174	10.673990	2673.617	
1.00000	14.139338	115.577791	6.038141
223.461247	12.721309	2691.650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1566

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.487156	-134.574211	-5.849587
-231.712956	-90.498771	-2076.428	
0.25000	-12.487156	-134.344277	-5.849587
-231.205575	-89.786773	-2064.065	
0.50000	-12.487156	-134.122577	-5.849587
-230.718825	-90.149388	-2051.793	
0.75000	-12.487156	-133.914048	-5.849587
-230.265742	-91.483991	-2039.526	
1.00000	-12.487156	-133.722028	-5.849587
-229.857483	-93.931953	-2027.206	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.851112	184.032929	6.836051
272.726056	41.901964	3454.741	
0.25000	16.851112	193.770198	6.836051
290.282088	41.263682	3483.128	
0.50000	16.851112	204.363546	6.836051
309.956428	41.808319	3500.951	
0.75000	16.851112	215.555871	6.836051
331.090263	43.020103	3510.630	
1.00000	16.851112	227.164898	6.836051
353.077968	44.715399	3509.451	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.816533	-247.494990	-6.768896
-358.006555	-83.823518	-2305.208	
0.25000	-14.816533	-235.938297	-6.768896
-336.015184	-82.681700	-2291.225	
0.50000	-14.816533	-224.772358	-6.768896
-314.863029	-82.363817	-2277.516	
0.75000	-14.816533	-214.248856	-6.768896
-295.204388	-83.073266	-2263.698	
1.00000	-14.816533	-204.556541	-6.768896
-277.649417	-84.961252	-2249.788	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.409343	45.590864	2.525133
91.469290	0.764581	1070.688	
0.25000	4.409343	45.657796	2.525133
91.611070	0.592778	1074.446	
0.50000	4.409343	45.730684	2.525133
91.768318	0.835475	1079.169	
0.75000	4.409343	45.807824	2.525133
91.937235	1.113587	1083.877	
1.00000	4.409343	45.888004	2.525133
92.113221	1.521708	1089.572	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.348802	-52.317389	-2.489773
-94.256915	-32.715771	-789.189348	
0.25000	-4.348802	-52.237559	-2.489773
-94.080822	-31.910871	-784.309227	
0.50000	-4.348802	-52.160588	-2.489773
-93.911888	-31.631535	-779.591632	
0.75000	-4.348802	-52.088189	-2.489773
-93.754640	-32.272566	-774.829822	
1.00000	-4.348802	-52.021521	-2.489773
-93.612952	-33.330723	-770.067313	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.026993	124.803353	3.321979
221.491979	16.520230	2487.066	
0.25000	7.026993	124.810049	3.321979
221.506191	15.878620	2479.214	
0.50000	7.026993	124.817342	3.321979
221.521952	15.896431	2481.266	
0.75000	7.026993	124.825109	3.321979
221.538882	16.340604	2497.827	
1.00000	7.026993	124.833082	3.321979
221.556521	17.049651	2524.301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1567

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.089177	-137.442004	-3.347414
-222.786816	-34.196911	-1576.948	
0.25000	-6.089177	-137.434017	-3.347414
-222.769166	-33.018997	-1567.338	
0.50000	-6.089177	-137.426316	-3.347414
-222.752235	-32.526827	-1557.772	
0.75000	-6.089177	-137.419072	-3.347414
-222.736474	-32.822615	-1548.205	
1.00000	-6.089177	-137.412403	-3.347414
-222.722270	-33.823640	-1538.611	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.711819	137.570595	5.525281
255.419262	15.714256	2903.721	
0.25000	12.711819	137.576621	5.525281
255.482053	15.343307	2900.346	
0.50000	12.711819	137.583184	5.525281
255.496238	16.060160	2906.163	
0.75000	12.711819	137.590130	5.525281
255.511475	17.307360	2925.045	
1.00000	12.711819	137.597350	5.525281
255.527350	18.893292	2952.881	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.303621	-156.075303	-5.434008
-261.131374	-75.562869	-2074.469	
0.25000	-11.303621	-156.068115	-5.434008
-261.115489	-74.506746	-2062.059	
0.50000	-11.303621	-156.061184	-5.434008
-261.100251	-74.469232	-2049.658	
0.75000	-11.303621	-156.054665	-5.434008
-261.086066	-75.514410	-2037.232	
1.00000	-11.303621	-156.048662	-5.434008
-261.073283	-77.503663	-2024.812	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.266257	215.734461	7.013441
274.756944	58.385363	3824.741	
0.25000	17.266257	230.441854	7.013441
283.473882	57.631810	3868.504	
0.50000	17.266257	246.424314	7.013441
305.600351	57.935047	3891.649	
0.75000	17.266257	263.267958	7.013441
329.629411	58.866896	3896.155	
1.00000	17.266257	280.686090	7.013441
354.306181	60.246284	3879.851	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.501265	-300.770091	-7.040994
-356.306375	-72.624612	-2325.627	
0.25000	-15.501265	-283.436850	-7.040994
-331.555113	-71.097247	-2311.371	
0.50000	-15.501265	-266.634999	-7.040994
-307.562608	-70.426090	-2297.372	
0.75000	-15.501265	-250.763689	-7.040994
-285.394981	-70.766230	-2283.241	
1.00000	-15.501265	-236.121572	-7.040994
-276.759513	-72.267585	-2269.032	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.303549	159.884139	4.261543
203.306710	78.102525	2236.368	
0.25000	11.303549	178.499330	4.261543
202.875046	76.904250	2292.822	
0.50000	11.303549	198.676601	4.261543
201.311559	76.249395	2315.417	
0.75000	11.303549	219.832154	4.261543
198.540846	76.230834	2303.611	
1.00000	11.303549	241.571697	4.261543
194.657927	76.758225	2258.162	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1568

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.502891	-248.865502	-4.435522
-189.953294	-16.581760	-917.306116	
0.25000	-10.502891	-227.222220	-4.435522
-193.859544	-15.492335	-911.213447	
0.50000	-10.502891	-206.121800	-4.435522
-196.633977	-14.409144	-901.206453	
0.75000	-10.502891	-186.101451	-4.435522
-198.201173	-13.609338	-899.560596	
1.00000	-10.502891	-167.580059	-4.435522
-198.636168	-13.357224	-893.677522	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.502305	246.668728	5.740049
314.372874	106.911271	3594.881	
0.25000	15.502305	268.207728	5.740049
314.372874	105.496053	3645.521	
0.50000	15.502305	291.560206	5.740049
314.356142	104.653729	3667.071	
0.75000	15.502305	316.073899	5.740049
313.893537	104.521542	3664.433	
1.00000	15.502305	341.301126	5.740049
313.413620	104.973872	3633.083	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.847110	-354.030173	-6.016738
-307.281749	-25.547986	-1612.095	
0.25000	-13.847110	-328.937382	-6.016738
-307.761665	-23.906084	-1600.612	
0.50000	-13.847110	-304.436820	-6.016738
-308.224851	-22.290370	-1590.568	
0.75000	-13.847110	-281.311860	-6.016738
-308.242162	-20.983054	-1580.407	
1.00000	-13.847110	-259.878200	-6.016738
-308.242162	-20.500030	-1570.220	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.217266	266.222467	6.469125
358.155244	93.157401	4254.979	
0.25000	16.217266	285.964889	6.469125
358.155244	91.496692	4306.221	
0.50000	16.217266	307.370197	6.469125
358.155746	90.794498	4330.425	
0.75000	16.217266	329.843122	6.469125
358.238706	91.080281	4331.450	
1.00000	16.217266	352.974506	6.469125
358.322267	92.091832	4305.716	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.510357	-369.887805	-6.684846
-353.856132	-35.732007	-2146.994	
0.25000	-14.510357	-346.879301	-6.684846
-353.772571	-33.711771	-2133.608	
0.50000	-14.510357	-324.463379	-6.684846
-353.689514	-32.194918	-2120.300	
0.75000	-14.510357	-303.221049	-6.684846
-353.688912	-31.534498	-2106.957	
1.00000	-14.510357	-283.573118	-6.684846
-353.688912	-31.956224	-2093.580	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.278186	244.910136	7.535054
349.681625	77.852901	4156.159	
0.25000	18.278186	261.368243	7.535054
349.681625	76.559188	4202.042	
0.50000	18.278186	279.212621	7.535054
349.682292	76.372832	4225.579	
0.75000	18.278186	297.947119	7.535054
349.768588	77.056158	4229.784	
1.00000	18.278186	317.230684	7.535054
349.855653	78.388300	4211.738	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1569

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.665772	-336.995961	-7.642191
-349.287091	-65.583290	-2353.395	
0.25000	-16.665772	-317.814823	-7.642191
-349.200626	-63.661283	-2333.399	
0.50000	-16.665772	-299.127839	-7.642191
-349.113628	-62.563762	-2313.860	
0.75000	-16.665772	-281.419312	-7.642191
-349.112859	-62.507286	-2299.483	
1.00000	-16.665772	-265.039969	-7.642191
-349.112859	-63.642708	-2285.066	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.990363	258.131793	7.217644
353.129243	94.452914	4176.173	
0.25000	11.990363	283.315483	7.217644
353.129243	92.063444	4193.546	
0.50000	11.990363	310.497284	7.217644
353.129243	90.938458	4191.221	
0.75000	11.990363	341.504981	7.217644
353.129243	91.247911	4183.820	
1.00000	11.990363	373.685818	7.217644
353.129243	92.860686	4155.127	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.361467	-368.619871	-6.303927
-353.180758	-81.899577	-1162.477	
0.25000	-12.361467	-336.451890	-6.303927
-353.180758	-80.529860	-1073.662	
0.50000	-12.361467	-305.257890	-6.303927
-353.180758	-80.429358	-984.863084	
0.75000	-12.361467	-276.838881	-6.303927
-353.180758	-81.769611	-919.079683	
1.00000	-12.361467	-251.711937	-6.303927
-353.180758	-84.396906	-990.728733	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.278186	266.222467	7.535054
358.155244	106.911271	4254.979	
0.25000	18.278186	285.964889	7.535054
358.155244	105.496053	4306.221	
0.50000	18.278186	307.370197	7.535054
358.155746	104.653729	4330.425	
0.75000	18.278186	329.843122	7.535054
358.238706	104.521542	4331.450	
1.00000	18.278186	352.974506	7.535054
358.322267	104.973872	4305.716	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.665772	-369.887805	-7.642191
-358.006555	-96.306474	-2353.395	
0.25000	-16.665772	-346.879301	-7.642191
-353.772571	-95.932677	-2333.399	
0.50000	-16.665772	-324.463379	-7.642191
-353.689514	-96.346689	-2313.860	
0.75000	-16.665772	-303.221049	-7.642191
-353.688912	-97.876901	-2299.483	
1.00000	-16.665772	-283.573118	-7.642191
-353.688912	-100.237999	-2285.066	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.278186	266.222467	7.535054
358.155244	106.911271	4254.979	
0.25000	18.278186	285.964889	7.535054
358.155244	105.496053	4306.221	
0.50000	18.278186	307.370197	7.535054
358.155746	104.653729	4330.425	
0.75000	18.278186	329.843122	7.535054
358.238706	104.521542	4331.450	
1.00000	18.278186	352.974506	7.535054
358.322267	104.973872	4305.716	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1570

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.665772	-369.887805	-7.642191
-358.006555	-96.306474	-2353.395	
0.25000	-16.665772	-346.879301	-7.642191
-353.772571	-95.932677	-2333.399	
0.50000	-16.665772	-324.463379	-7.642191
-353.689514	-96.346689	-2313.860	
0.75000	-16.665772	-303.221049	-7.642191
-353.688912	-97.876901	-2299.483	
1.00000	-16.665772	-283.573118	-7.642191
-353.688912	-100.237999	-2285.066	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.278186	266.222467	7.535054
358.155244	106.911271	4254.979	
0.25000	18.278186	285.964889	7.535054
358.155244	105.496053	4306.221	
0.50000	18.278186	310.497284	7.535054
358.155746	104.653729	4330.425	
0.75000	18.278186	341.504981	7.535054
358.238706	104.521542	4331.450	
1.00000	18.278186	373.685818	7.535054
358.322267	104.973872	4305.716	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.665772	-369.887805	-7.642191
-358.006555	-96.306474	-2353.395	
0.25000	-16.665772	-346.879301	-7.642191
-353.772571	-95.932677	-2333.399	
0.50000	-16.665772	-324.463379	-7.642191
-353.689514	-96.346689	-2313.860	
0.75000	-16.665772	-303.221049	-7.642191
-353.688912	-97.876901	-2299.483	
1.00000	-16.665772	-283.573118	-7.642191
-353.688912	-100.237999	-2285.066	

ELEM 128 ========== LENGTH = 4.928464

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.986764	23.858011	1.410953
121.661335	6.883867	580.060839	
0.25000	5.986764	23.870609	1.410953
121.689939	8.952534	557.190493	
0.50000	5.986764	23.884007	1.410953
121.720707	11.046169	534.793043	
0.75000	5.986764	23.897890	1.410953
121.752923	13.154618	513.301465	
1.00000	5.986764	23.913678	1.410953
121.792174	15.272228	492.391404	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.352878	-23.426843	-3.951184
-48.306300	-53.409640	-331.454847	
0.25000	-6.352878	-23.411208	-3.951184
-48.266911	-50.678099	-347.546392	
0.50000	-6.352878	-23.397396	-3.951184
-48.238478	-48.488061	-363.640720	
0.75000	-6.352878	-23.384254	-3.951184
-48.201873	-46.888153	-379.735129	
1.00000	-6.352878	-23.371989	-3.951184
-48.172651	-45.928089	-395.829538	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.636403	56.714616	3.479587
236.859266	7.802889	1242.921	
0.25000	9.636403	56.727208	3.479587
236.887614	10.147357	1193.452	
0.50000	9.636403	56.740600	3.479587
236.918526	12.507079	1146.524	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1571

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.196804	-43.861623	-6.410410
-79.093683	-84.726853	-610.775767	
0.25000	-10.196804	-43.845999	-6.410410
-79.054371	-80.846499	-644.188881	
0.50000	-10.196804	-43.832193	-6.410410
-79.020997	-78.150524	-677.610649	
0.75000	-10.196804	-43.819056	-6.410410
-78.989452	-76.808168	-711.032507	
1.00000	-10.196804	-43.806797	-6.410410
-78.960288	-76.790254	-744.454365	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.841702	110.150946	3.875615
337.648911	9.671059	2156.587	
0.25000	9.841702	110.162281	3.875615
337.674614	11.769439	2065.964	
0.50000	9.841702	110.174334	3.875615
337.702264	13.936840	1986.970	
0.75000	9.841702	110.186906	3.875615
337.731218	16.196319	1921.042	
1.00000	9.841702	110.201027	3.875615
337.766460	18.788399	1868.379	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.408116	-60.498333	-6.043229
-155.858303	-76.434937	-851.414420	
0.25000	-10.408116	-60.484270	-6.043229
-155.822908	-73.020219	-904.553446	
0.50000	-10.408116	-60.471843	-6.043229
-155.792861	-71.005215	-957.700173	
0.75000	-10.408116	-60.460019	-6.043229
-155.764460	-70.426933	-1010.847	
1.00000	-10.408116	-60.448986	-6.043229
-155.738201	-71.175725	-1063.994	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.461797	201.794571	5.410083
336.006740	38.047505	3113.289	
0.25000	11.461797	213.586711	5.410083
352.770252	38.422158	3024.016	
0.50000	11.461797	226.156670	5.410083
373.309275	39.114973	2934.391	
0.75000	11.461797	239.282288	5.410083
400.109015	40.405952	2848.968	
1.00000	11.461797	253.723041	5.410083
430.845926	42.319644	2762.605	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.038559	-176.179379	-6.141994
-344.137765	-67.619301	-964.125565	
0.25000	-12.038559	-161.803560	-6.141994
-311.906005	-65.446244	-1030.742	
0.50000	-12.038559	-148.841858	-6.141994
-284.163592	-64.445612	-1097.386	
0.75000	-12.038559	-136.527012	-6.141994
-258.164768	-64.634048	-1164.031	
1.00000	-12.038559	-125.067024	-6.141994
-235.624033	-65.934740	-1230.677	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.366664	48.102854	2.224096
140.462217	0.854182	910.962231	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.366664	48.241408	2.224096
140.776717	1.008326	873.855716	
0.50000	3.366664	48.388758	2.224096
141.114916	1.266907	840.811599	
0.75000	3.366664	48.543439	2.224096
141.469041	1.558614	811.380185	
1.00000	3.366664	48.715068	2.224096
141.900289	2.149311	788.567645	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.519934	-24.819355	-2.235111
-48.757629	-26.346062	-333.399331	
0.25000	-3.519934	-24.647418	-2.235111
-48.324686	-25.536179	-355.879094	
0.50000	-3.519934	-24.495517	-2.235111
-47.957187	-25.340126	-378.358901	
0.75000	-3.519934	-24.350973	-2.235111
-47.609795	-25.939534	-400.838712	
1.00000	-3.519934	-24.216090	-2.235111
-47.288603	-27.357074	-423.318523	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.782228	133.912109	3.138052
280.109838	13.146723	2232.516	
0.25000	4.782228	133.924703	3.138052
280.138408	12.749816	2127.589	
0.50000	4.782228	133.938098	3.138052
280.169142	12.509673	2045.926	
0.75000	4.782228	133.952068	3.138052
280.201324	12.456658	1995.065	
1.00000	4.782228	133.967759	3.138052
280.240505	12.899793	1968.572	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.058115	-64.439891	-2.448448
-182.451175	-23.805602	-663.538890	
0.25000	-5.058115	-64.421263	-2.448448
-182.411831	-23.356988	-712.718293	
0.50000	-5.058115	-64.410455	-2.448448
-182.378434	-23.788158	-761.914824	
0.75000	-5.058115	-64.397316	-2.448448
-182.346865	-25.070549	-811.113701	
1.00000	-5.058115	-64.385055	-2.448448
-182.317678	-27.097224	-860.312577	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.840964	141.734894	4.279044
352.193606	15.154807	2512.302	
0.25000	8.840964	141.746229	4.279044
352.219319	16.057952	2397.869	
0.50000	8.840964	141.758284	4.279044
352.246980	17.115389	2304.788	
0.75000	8.840964	141.770857	4.279044
352.275944	18.340130	2240.390	
1.00000	8.840964	141.784979	4.279044
352.311207	19.977554	2198.576	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.362849	-76.941561	-5.142268
-199.777521	-61.359491	-865.141823	
0.25000	-9.362849	-76.927496	-5.142268
-199.742112	-59.123244	-923.326718	
0.50000	-9.362849	-76.915068	-5.142268
-199.712054	-58.162131	-981.540349	
0.75000	-9.362849	-76.903243	-5.142268
-199.683642	-58.502747	-1039.756	
1.00000	-9.362849	-76.892208	-5.142268
-199.657373	-60.032575	-1097.972	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.927633	246.002318	6.557343
313.220705	52.868120	3543.912	
0.25000	11.927633	264.120973	6.557343
313.220705	51.684946	3465.420	
0.50000	11.927633	283.496012	6.557343
325.517862	51.069815	3376.288	
0.75000	11.927633	303.760042	6.557343
348.971438	51.358253	3279.398	
1.00000	11.927633	325.421392	6.557343
369.918949	52.490205	3170.563	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.409078	-233.092258	-5.731793
-350.469356	-55.377931	-978.622963	
0.25000	-12.409078	-211.543340	-5.731793
-329.570097	-54.423679	-1050.361	
0.50000	-12.409078	-191.557246	-5.731793
-306.837306	-54.529114	-1122.146	
0.75000	-12.409078	-172.608400	-5.731793
-282.216400	-55.729009	-1193.933	
1.00000	-12.409078	-155.041368	-5.731793
-276.374170	-57.914527	-1265.719	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.902862	201.253821	5.265699
91.391329	70.120701	2305.069	
0.25000	7.902862	224.461692	5.265699
91.391329	66.626890	2310.974	
0.50000	7.902862	249.447583	5.265699
91.391329	64.146025	2285.456	
0.75000	7.902862	275.659893	5.265699
91.391329	62.750418	2225.287	
1.00000	7.902862	302.089152	5.265699
91.391329	62.360598	2130.793	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.943380	-242.792266	-2.566856
-293.385444	-7.435132	-394.976234	
0.25000	-7.943380	-216.539093	-2.566856
-293.385444	-9.035449	-430.987021	
0.50000	-7.943380	-190.749197	-2.566856
-293.385444	-10.644577	-467.056258	
0.75000	-7.943380	-166.396270	-2.566856
-293.385444	-12.258758	-503.131758	
1.00000	-7.943380	-144.000184	-2.566856
-293.385444	-13.875405	-539.207257	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.308283	300.372887	6.873572
182.825818	92.693683	3647.567	
0.25000	10.308283	328.094861	6.873572
182.825818	88.090835	3603.496	
0.50000	10.308283	357.869264	6.873572
182.825818	84.748582	3537.826	
0.75000	10.308283	389.079365	6.873572
182.825818	82.791024	3454.390	
1.00000	10.308283	421.092113	6.873572
182.825818	82.123793	3345.418	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.443249	-322.056353	-3.468205
-411.893002	-11.526157	-692.649268	
0.25000	-10.443249	-290.242738	-3.468205
-411.893002	-13.650075	-753.645493	
0.50000	-10.443249	-259.513697	-3.468205
-411.893002	-15.799137	-814.734328	
0.75000	-10.443249	-230.464602	-3.468205
-411.893002	-17.965332	-875.826019	
1.00000	-10.443249	-203.674945	-3.468205
-411.893002	-20.144737	-936.917710	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.056316	316.716190	7.399697
281.965497	81.662391	4155.475	
0.25000	11.056316	342.143312	7.399697
281.965497	77.809375	4081.725	
0.50000	11.056316	369.446361	7.399697
281.965497	75.063716	3991.774	
0.75000	11.056316	398.059387	7.399697
281.965497	73.636854	3889.211	
1.00000	11.056316	427.467167	7.399697
281.965497	73.458839	3768.373	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.292910	-307.925404	-3.967471
-419.493083	-18.734874	-914.872986	
0.25000	-11.292910	-278.703407	-3.967471
-419.493083	-20.309860	-990.589119	
0.50000	-11.292910	-250.525276	-3.967471
-419.493083	-23.043907	-1066.584	
0.75000	-11.292910	-223.884650	-3.967471
-419.493083	-25.077961	-1142.181	
1.00000	-11.292910	-199.309214	-3.967471
-419.493083	-28.148778	-1217.978	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.717401	285.106374	7.681769
324.134663	69.445977	3933.547	
0.25000	12.717401	306.306071	7.681769
324.134663	66.846297	3855.661	
0.50000	12.717401	329.069591	7.681769
324.134663	65.176973	3761.016	
0.75000	12.717401	352.928682	7.681769
324.134663	64.606064	3658.504	
1.00000	12.717401	377.445111	7.681769
324.134663	65.229619	3541.530	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.116707	-272.722342	-5.592538
-374.840945	-46.247836	-990.668076	
0.25000	-13.116707	-248.357297	-5.592538
-374.840945	-46.285416	-1066.639	
0.50000	-13.116707	-224.864202	-5.592538
-374.840945	-47.287666	-1142.686	
0.75000	-13.116707	-202.652878	-5.592538
-374.840945	-49.279088	-1218.735	
1.00000	-13.116707	-182.163154	-5.592538
-374.840945	-52.147408	-1294.783	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.228382	41.645823	1.469202
152.469120	8.491081	793.248535	
0.25000	9.228382	41.652622	1.469202
152.482815	10.907951	772.022824	
0.50000	9.228382	41.660374	1.469202
152.498054	13.411198	750.857331	
0.75000	9.228382	41.668365	1.469202
152.514441	15.994715	729.900365	
1.00000	9.228382	41.676629	1.469202
152.531534	18.619702	709.107215	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.074536	-37.250710	-5.261124
-64.536135	-62.490142	-797.398693	
0.25000	-8.074536	-37.243003	-5.261124
-64.517829	-59.537597	-783.766870	
0.50000	-8.074536	-37.235611	-5.261124
-64.500259	-56.907711	-770.143911	
0.75000	-8.074536	-37.228670	-5.261124
-64.483866	-54.642727	-756.507379	
1.00000	-8.074536	-37.222338	-5.261124
-64.469051	-52.667394	-742.888186	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.214335	90.448953	3.398561
280.471081	9.295857	1631.964	
0.25000	14.214335	90.455949	3.398561
280.484734	12.026353	1585.562	
0.50000	14.214335	90.463496	3.398561
280.499927	14.924868	1540.405	
0.75000	14.214335	90.471483	3.398561
280.516266	18.032056	1496.158	
1.00000	14.214335	90.479742	3.398561
280.533308	21.478761	1452.345	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.105683	-70.508791	-7.973729
-104.422579	-100.630039	-1452.332	
0.25000	-13.105683	-70.501089	-7.973729
-104.404320	-96.435329	-1431.632	
0.50000	-13.105683	-70.493703	-7.973729
-104.386794	-92.990620	-1410.909	
0.75000	-13.105683	-70.486765	-7.973729
-104.370443	-90.618665	-1390.203	
1.00000	-13.105683	-70.480437	-7.973729
-104.355668	-88.961283	-1369.489	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.707320	160.634968	3.858239
370.770979	12.607792	2691.242	
0.25000	14.707320	160.836467	3.858239
371.164388	14.972355	2610.947	
0.50000	14.707320	161.053858	3.858239
371.602167	17.637445	2534.136	
0.75000	14.707320	161.283907	3.858239
372.072965	20.564647	2461.684	
1.00000	14.707320	161.527182	3.858239
372.564014	23.841971	2393.646	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.125623	-109.476546	-7.752178
-167.396018	-94.192771	-2027.178	
0.25000	-13.125623	-109.254701	-7.752178
-166.869943	-90.485371	-2005.615	
0.50000	-13.125623	-109.041940	-7.752178
-166.364974	-87.671736	-1984.076	
0.75000	-13.125623	-108.841224	-7.752178
-165.893875	-85.895341	-1962.513	
1.00000	-13.125623	-108.659845	-7.752178
-165.468154	-84.874347	-1940.939	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.541369	241.189360	5.666215
376.069718	44.885573	3509.192	
0.25000	17.541369	251.391149	5.666215
392.647838	45.600515	3432.559	
0.50000	17.541369	262.376297	5.666215
411.524744	46.659822	3344.512	
0.75000	17.541369	273.983464	5.666215
431.477085	47.972620	3249.507	
1.00000	17.541369	285.958352	5.666215
452.426240	49.691321	3144.298	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.570278	-209.431267	-7.757858
-337.872932	-85.591512	-2249.771	
0.25000	-15.570278	-198.304390	-7.757858
-314.767335	-82.825096	-2232.361	
0.50000	-15.570278	-187.610969	-7.757858
-292.512459	-80.809012	-2215.080	
0.75000	-15.570278	-177.554449	-7.757858
-271.773235	-79.662057	-2197.660	
1.00000	-15.570278	-168.373691	-7.757858
-253.153469	-79.150079	-2180.281	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.561848	65.962432	2.110355
145.222764	1.053609	1089.398	
0.25000	4.561848	66.032391	2.110355
145.359294	1.309069	1056.405	
0.50000	4.561848	66.107867	2.110355
145.511224	1.630261	1025.490	
0.75000	4.561848	66.187738	2.110355
145.676416	2.017263	995.704877	
1.00000	4.561848	66.270325	2.110355
145.845035	2.871665	965.515991	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.561264	-41.674502	-2.467140
-51.518339	-33.152708	-770.070185	
0.25000	-4.561264	-41.597480	-2.467140
-51.335752	-32.181004	-763.667710	
0.50000	-4.561264	-41.523613	-2.467140
-51.160090	-31.271410	-757.270430	
0.75000	-4.561264	-41.454239	-2.467140
-50.996984	-32.214929	-750.867668	
1.00000	-4.561264	-41.390954	-2.467140
-50.849229	-33.052956	-744.448754	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.219164	169.351097	3.200437
279.334427	16.434867	2524.117	
0.25000	7.219164	169.358096	3.200437
279.348115	16.137086	2437.815	
0.50000	7.219164	169.365647	3.200437
279.363346	16.092003	2361.360	
0.75000	7.219164	169.373638	3.200437
279.379725	16.284876	2299.434	
1.00000	7.219164	169.381901	3.200437
279.396809	16.776010	2248.514	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.350565	-104.871362	-3.043503
-165.816013	-33.677458	-1538.626	
0.25000	-6.350565	-104.856655	-3.043503
-165.797715	-32.976273	-1530.556	
0.50000	-6.350565	-104.856265	-3.043503
-165.780151	-32.911219	-1522.545	
0.75000	-6.350565	-104.849325	-3.043503
-165.763766	-33.625675	-1514.466	
1.00000	-6.350565	-104.842993	-3.043503
-165.748958	-34.763105	-1506.419	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.182220	188.786412	4.223093
374.249791	18.657134	2952.545	
0.25000	13.182220	188.792711	4.223093
374.262110	19.852817	2855.917	
0.50000	13.182220	188.799507	4.223093
374.275818	21.286811	2768.244	
0.75000	13.182220	188.806698	4.223093
374.290559	22.958716	2693.855	
1.00000	13.182220	188.814135	4.223093
374.305935	24.992499	2629.538	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.858831	-124.429104	-6.384135
-196.221526	-77.707652	-2024.799	
0.25000	-11.858831	-124.422168	-6.384135
-196.205058	-75.184056	-2007.561	
0.50000	-11.858831	-124.415517	-6.384135
-196.189251	-73.455312	-1991.109	
0.75000	-11.858831	-124.409270	-6.384135
-196.174504	-72.691059	-1982.216	
1.00000	-11.858831	-124.403571	-6.384135
-196.161177	-72.620699	-1973.345	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.968732	278.414033	6.898278
341.448684	60.496170	3879.731	
0.25000	17.968732	293.875410	6.898278
342.531267	59.590961	3810.636	
0.50000	17.968732	310.484115	6.898278
362.728818	59.009186	3720.932	
0.75000	17.968732	327.993701	6.898278
384.721829	58.811941	3612.984	
1.00000	17.968732	345.997825	6.898278
407.442434	59.131772	3485.346	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.284750	-255.335466	-6.914556
-364.115649	-73.069245	-2269.029	
0.25000	-16.284750	-238.702776	-6.914556
-337.375365	-71.521962	-2255.780	
0.50000	-16.284750	-222.667798	-6.914556
-311.306300	-70.630605	-2243.352	
0.75000	-16.284750	-207.554470	-6.914556
-287.083512	-70.537789	-2237.048	
1.00000	-16.284750	-193.743160	-6.914556
-277.041791	-71.050116	-2230.723	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.842190	191.472831	6.002505
111.157618	77.610121	2258.491	
0.25000	11.842190	211.145508	6.002505
111.157618	73.791365	2260.052	
0.50000	11.842190	232.204213	6.002505
111.157618	70.495871	2227.879	
0.75000	11.842190	254.311156	6.002505
111.157618	67.837832	2161.608	
1.00000	11.842190	276.881124	6.002505
110.900525	65.758340	2062.166	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.065853	-219.172529	-2.773629
-289.876032	-14.486393	-893.690723	
0.25000	-11.065853	-198.559690	-2.773629
-294.214659	-15.571173	-895.669780	
0.50000	-11.065853	-178.563015	-2.773629
-298.553286	-16.655745	-897.958491	
0.75000	-11.065853	-159.651103	-2.773629
-302.891912	-17.732267	-900.469744	
1.00000	-11.065853	-142.300061	-2.773629
-306.973446	-18.885037	-902.740581	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.177262	300.514394	7.922759
217.052860	105.951608	3633.435	
0.25000	16.177262	323.249203	7.922759
217.052860	101.238475	3591.595	
0.50000	16.177262	347.593652	7.922759
217.052860	97.063334	3519.181	
0.75000	16.177262	373.180315	7.922759
217.052860	93.576570	3423.764	
1.00000	16.177262	399.344854	7.922759
217.052860	90.723778	3300.400	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.559400	-305.674821	-3.974215
-416.149093	-21.884768	-1570.238	
0.25000	-14.559400	-281.714143	-3.974215
-416.629088	-23.122806	-1572.524	
0.50000	-14.559400	-258.504291	-3.974215
-417.109084	-24.382225	-1576.974	
0.75000	-14.559400	-236.576814	-3.974215
-417.589079	-25.641779	-1581.627	
1.00000	-14.559400	-216.459417	-3.974215
-418.069055	-26.980199	-1586.010	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.869933	333.321901	8.229096
307.547517	92.543107	4305.926	
0.25000	16.869933	354.156977	8.229096
307.547517	88.635709	4239.391	
0.50000	16.869933	376.467727	8.229096
307.547517	85.360206	4146.032	
0.75000	16.869933	399.920994	8.229096
307.547517	82.712388	4029.894	
1.00000	16.869933	423.908741	8.229096
307.547517	80.695353	3888.285	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.228231	-311.906405	-4.676321
-416.995353	-33.008591	-2093.604	
0.25000	-15.228231	-289.931642	-4.676321
-416.911779	-33.845377	-2090.509	
0.50000	-15.228231	-268.649445	-4.676321
-416.828204	-35.142888	-2087.542	
0.75000	-15.228231	-248.545432	-4.676321
-416.744630	-36.893143	-2084.780	
1.00000	-15.228231	-230.103233	-4.676321
-416.661058	-38.884805	-2081.745	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.034287	312.160906	8.283608
361.277263	78.757686	4211.766	
0.25000	19.034287	329.530353	8.283608
361.277263	76.188452	4138.326	
0.50000	19.034287	348.129447	8.283608
361.277263	74.187181	4042.860	
0.75000	19.034287	367.681094	8.283608
361.277263	72.823439	3928.641	
1.00000	19.034287	387.678879	8.283608
361.277263	72.167263	3793.216	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.512857	-285.855864	-6.602210
-382.209074	-64.628430	-2285.072	
0.25000	-17.512857	-267.536364	-6.602210
-382.121994	-64.014755	-2281.492	
0.50000	-17.512857	-249.794362	-6.602210
-382.034915	-64.051511	-2277.250	
0.75000	-17.512857	-233.034645	-6.602210
-381.947836	-64.849798	-2273.175	
1.00000	-17.512857	-217.660306	-6.602210
-381.860759	-66.215853	-2270.684	

COMB DB ---------- MAX

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.717401  316.716190    7.681769
352.193606   92.693683  4155.475
 0.25000   12.717401  342.143312    7.681769
352.770252   88.090835  4081.725
 0.50000   12.717401  369.446361    7.681769
373.309275   84.748582  3991.774
 0.75000   12.717401  398.063557    7.681769
400.109015   82.791024  3889.211
 1.00000   12.717401  427.467167    7.681769
430.845926   82.123793  3768.373

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.116707 -322.056353   -6.410410
-419.493083  -84.726853 -990.668076
 0.25000  -13.116707 -290.242738   -6.410410
-419.493083  -80.846499  -1066.639
 0.50000  -13.116707 -259.513697   -6.410410
-419.493083  -78.150524  -1142.686
 0.75000  -13.116707 -230.464602   -6.410410
-419.493083  -76.808168  -1218.735
 1.00000  -13.116707 -203.674945   -6.410410
-419.493083  -76.790254  -1294.783
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1579

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   19.034287  333.321210    8.283608
376.069718  105.951608  4305.926
 0.25000   19.034287  354.156977    8.283608
392.647838  101.238475  4239.391
 0.50000   19.034287  376.467727    8.283608
411.324744   97.063334  4146.032
 0.75000   19.034287  399.920994    8.283608
431.477085   93.576570  4029.894
 1.00000   19.034287  423.908741    8.283608
452.426240   90.723778  3888.285

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.512857 -311.906405   -7.973729
-416.995353 -100.630039  -2285.072
 0.25000  -17.512857 -289.931642   -7.973729
-416.911779  -96.435329  -2281.492
 0.50000  -17.512857 -268.649445   -7.973729
-417.109084  -92.990620  -2277.250
 0.75000  -17.512857 -248.545432   -7.973729
-417.589079  -90.618665  -2273.175
 1.00000  -17.512857 -230.103233   -7.973729
-418.069055  -88.961283  -2270.684

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   19.034287  333.321210    8.283608
376.069718  105.951608  4305.926
 0.25000   19.034287  354.156977    8.283608
392.647838  101.238475  4239.391
 0.50000   19.034287  376.467727    8.283608
411.324744   97.063334  4146.032
 0.75000   19.034287  399.920994    8.283608
431.477085   93.576570  4029.894
 1.00000   19.034287  427.467167    8.283608
452.426240   90.723778  3888.285

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.512857 -322.056353   -7.973729
-419.493083 -100.630039  -2285.072
 0.25000  -17.512857 -290.242738   -7.973729
-419.493083  -96.435329  -2281.492
 0.50000  -17.512857 -268.649445   -7.973729
-419.493083  -92.990620  -2277.250
 0.75000  -17.512857 -248.545432   -7.973729
-419.493083  -90.618665  -2273.175
 1.00000  -17.512857 -230.103233   -7.973729
-419.493083  -88.961283  -2270.684

 COMB    DESIGN ---------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   19.034287  333.321210    8.283608
376.069718  105.951608  4305.926
 0.25000   19.034287  354.156977    8.283608
392.647838  101.238475  4239.391
 0.50000   19.034287  376.467727    8.283608
411.324744   97.063334  4146.032
 0.75000   19.034287  399.920994    8.283608
431.477085   93.576570  4029.894
 1.00000   19.034287  427.467167    8.283608
452.426240   90.723778  3888.285

 COMB    DESIGN ---------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -17.512857 -322.056353   -7.973729
-419.493083 -100.630039  -2285.072
 0.25000  -17.512857 -290.242738   -7.973729
-419.493083  -96.435329  -2281.492
 0.50000  -17.512857 -268.649445   -7.973729
-419.493083  -92.990620  -2277.250
 0.75000  -17.512857 -248.545432   -7.973729
-419.493083  -90.618665  -2273.175
 1.00000  -17.512857 -230.103233   -7.973729
-419.493083  -88.961283  -2270.684
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1580

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 ELEM      129 ================== LENGTH
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 COMB DB-G1-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.357754   35.677015    0.346937
198.090376   15.609968  491.719623
 0.25000    6.357754   35.689650    0.346937
198.112803   17.824175  452.555616
 0.50000    6.357754   35.702999    0.346937
198.144054   20.059515  414.275236
 0.75000    6.357754   35.716844    0.346937
198.176586   22.302177  376.940206
 1.00000    6.357754   35.732371    0.346937
198.214339   24.577769  340.999029

 COMB DB-G1-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.732389  -23.868558   -4.965151
-52.858773  -46.396050 -395.860562
 0.25000   -6.732389  -23.853097   -4.965151
-52.818895  -41.376650 -403.306845
 0.50000   -6.732389  -23.839470   -4.965151
-52.784954  -38.056321 -410.959725
 0.75000   -6.732389  -23.826562   -4.965151
-52.752864  -34.705052 -418.612654
 1.00000   -6.732389  -23.814571   -4.965151
-52.723117  -31.961248 -426.388917

 COMB DB-G1-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.238734   81.721223    1.303532
361.943055   18.021131   1060.684
 0.25000   10.238734   81.733852    1.303532
361.965227   21.069278  974.667803
 0.50000   10.238734   81.747195    1.303532
361.996421   24.205569  891.896367
 0.75000   10.238734   81.761034    1.303532
362.028896   27.415417  813.113861
 1.00000   10.238734   81.776550    1.303532
362.066577   30.697014  738.560480

 COMB DB-G1-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.812290  -44.168859   -7.932024
-81.407714  -77.228820 -744.514715
 0.25000  -10.812290  -44.153409   -7.932024
-81.367912  -71.224546 -765.565611
 0.50000  -10.812290  -44.139788   -7.932024
-81.334031  -65.905049 -786.929325
 0.75000  -10.812290  -44.126886   -7.932024
-81.302000  -61.814229 -808.317748
 1.00000  -10.812290  -44.114841   -7.932024
-81.272311  -58.925975 -829.754342

 COMB DB-G1-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.471031  150.519677    1.803897
464.792146   18.565134   1867.140
 0.25000   10.471031  150.531044    1.803897
464.812146   21.078290   1715.448
 0.50000   10.471031  150.543054    1.803897
464.840231   23.697180   1574.771
 0.75000   10.471031  150.555510    1.803897
464.869469   26.393399   1448.668
 1.00000   10.471031  150.569477    1.803897
464.903395   29.226020   1337.781

 COMB DB-G1-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.048617  -60.962036   -7.410256
-111.076007  -72.197528  -1064.041
 0.25000  -11.048617  -60.948128   -7.410256
-111.040172  -66.515553  -1106.830
 0.50000  -11.048617  -60.935868   -7.410256
-111.009668  -61.999351  -1149.892
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1581

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000  -11.048617  -60.924255   -7.410256
-110.980829  -58.752575  -1192.980
 1.00000  -11.048617  -60.913468   -7.410256
-110.954099  -56.715520  -1236.105

 COMB DB-G1-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.162626  254.180519    4.099309
438.904383   41.908003   2761.724
 0.25000   12.162626  266.003101    4.099309
445.429408   41.918949   2593.674
 0.50000   12.162626  278.525856    4.099309
463.090470   42.244976   2425.062
 0.75000   12.162626  291.532899    4.099309
482.647474   43.060092   2262.338
 1.00000   12.162626  305.816327    4.099309
513.617304   44.347535   2102.161

 COMB DB-G1-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.741499 -158.261587   -6.552179
-328.429289  -66.952220  -1230.688
 0.25000  -12.741499 -144.053411   -6.552179
-295.744985  -63.228815  -1283.115
 0.50000  -12.741499 -131.272602   -6.552179
-267.520695  -60.477876  -1355.769
 0.75000  -12.741499 -119.181078   -6.552179
-243.857148  -58.781372  -1418.479
 1.00000  -12.741499 -107.976653   -6.552179
-221.651264  -58.101054  -1481.252

 COMB DB-G2-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.585398   65.254393    1.235010
184.800002   1.826915   788.128423
 0.25000    3.585398   65.393360    1.235010
185.045572   2.256918   724.474180
 0.50000    3.585398   65.540157    1.235010
185.389087   2.782028   664.494823
 0.75000    3.585398   65.692426    1.235010
185.746683   3.391605   609.292187
 1.00000    3.585398   65.863178    1.235010
186.161655   4.066630   559.359901

 COMB DB-G2-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.741329  -24.757313   -2.652724
-22.704323  -27.138637 -423.552264
 0.25000   -3.741329  -24.587287   -2.652724
-22.266005  -26.218286 -443.330019
 0.50000   -3.741329  -24.437421   -2.652724
-21.892917  -25.303681 -463.348332
 0.75000   -3.741329  -24.295458   -2.652724
-21.540180  -25.038760 -483.669433
 1.00000   -3.741329  -24.163584   -2.652724
-21.213224  -25.388551 -503.394729

 COMB DB-G2-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.088852  172.227241    2.346655
325.427510  12.102765   1968.059
 0.25000    5.088852  172.239872    2.346655
325.449784  11.636101   1803.388
 0.50000    5.088852  172.253217    2.346655
325.481001  11.317860   1660.793
 0.75000    5.088852  172.267058    2.346655
325.513498  11.177197   1550.184
 1.00000    5.088852  172.282579    2.346655
325.551209  11.295238   1467.233

 COMB DB-G2-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -5.362810  -56.445544   -2.582238
-126.643812  -27.720112 -860.312557
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1582

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.25000   -5.362810  -56.430089   -2.582238
-126.603981  -26.809732 -909.638822
 0.50000   -5.362810  -56.416466   -2.582238
-126.570075  -26.602962 -958.993529
 0.75000   -5.362810  -56.403562   -2.582238
-126.538020  -27.105978  -1008.348
 1.00000   -5.362810  -56.391574   -2.582238
-126.508309  -28.210284  -1057.703

 COMB DB-G2-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.399031  186.653551    2.507407
452.503161  19.584419   2197.593
 0.25000    9.399031  186.664919    2.507407
452.523207  20.831862   2015.045
 0.50000    9.399031  186.676930    2.507407
452.551302  22.198832   1852.821
 0.75000    9.399031  186.689387    2.507407
452.580550  23.727652   1720.438
 1.00000    9.399031  186.703356    2.507407
452.614489  25.493050   1614.292

 COMB DB-G2-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.926122  -70.035239   -5.983396
-152.174508  -60.961270  -1098.001
 0.25000   -9.926122  -70.021330   -5.983396
-152.138659  -57.071592  -1150.130
 0.50000   -9.926122  -70.009069   -5.983396
-152.108144  -54.238755  -1202.383
 0.75000   -9.926122  -69.997455   -5.983396
-152.079295  -52.555204  -1254.756
 1.00000   -9.926122  -69.986666   -5.983396
-152.052554  -51.922068  -1307.130

 COMB DB-G2-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.647006  303.494905    5.639046
398.837950   51.929603   3170.112
 0.25000   12.647006  321.652326    5.639046
398.885950   54.558564   3005.400
 0.50000   12.647006  340.952616    5.639046
398.837950   48.718081   2829.817
 0.75000   12.647006  361.037847    5.639046
404.679577   48.114065   2648.335
 1.00000   12.647006  382.462473    5.639046
425.135180   48.232699   2458.480

 COMB DB-G2-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.125505 -207.948712   -5.499362
-360.172747  -58.928218  -1265.718
 0.25000  -13.125505 -186.868001   -5.499362
-339.279360  -57.015329  -1337.979
 0.50000  -13.125505 -166.975877   -5.499362
-316.052997  -55.987603  -1410.344
 0.75000  -13.125505 -148.377817   -5.499362
-290.973423  -55.922575  -1482.840
 1.00000  -13.125505 -131.202407   -5.499362
-289.019170  -56.733203  -1555.400

 COMB DB-G3-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.339733  232.754664    6.235056
46.330222   62.004012   2131.788
 0.25000    8.339733  255.992302    6.235056
46.330222   56.833053   2091.707
 0.50000    8.339733  280.876764    6.235056
46.330222   52.576141   2021.324
 0.75000    8.339733  306.868433    6.235056
46.330222   49.016654   1917.078
 1.00000    8.339733  333.007189    6.235056
46.330222   47.067056   1780.147
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1583

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DB-G3-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.372835 -212.260802   -1.109636
-387.024972  -14.272340 -539.172863
 0.25000   -8.372835 -186.378350   -1.109636
-387.024972  -16.542200 -584.502870
 0.50000   -8.372835 -161.005854   -1.109636
-387.024972  -18.814467 -629.875818
 0.75000   -8.372835 -137.121881   -1.109636
-387.024972  -21.089550 -675.227799
 1.00000   -8.372835 -115.224707   -1.109636
-387.024972  -23.365271 -720.682461

 COMB DB-G3-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.811712  352.189038    8.139922
150.110900   81.484735   3346.447
 0.25000   10.811712  379.552807    8.139922
150.110900   74.708812   3224.371
 0.50000   10.811712  409.608494    8.139922
150.110900   69.065659   3083.316
 0.75000   10.811712  440.552307    8.139922
150.110900   64.736593   2926.012
 1.00000   10.811712  472.213581    8.139922
150.110900   61.734946   2745.769

 COMB DB-G3-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.981991 -275.242483   -1.490434
-505.352377  -20.665283 -936.854819
 0.25000  -10.981991 -243.861953   -1.490434
-505.352377  -23.694612  -1010.791
 0.50000  -10.981991 -213.616994   -1.490434
-505.352377  -26.737307  -1084.729
 0.75000  -10.981991 -185.120973   -1.490434
-505.352377  -29.792298  -1158.670
 1.00000  -10.981991 -158.928255   -1.490434
-505.352377  -32.865454  -1232.755

 COMB DB-G3-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.701546  379.241997    8.021261
283.176572   72.430609   3768.979
 0.25000   11.701546  404.708523    8.021261
283.176572   66.576747   3601.212
 0.50000   11.701546  431.902505    8.021261
283.176572   61.703781   3416.854
 0.75000   11.701546  460.275204    8.021261
283.176572   58.045949   3221.596
 1.00000   11.701546  489.356024    8.021261
283.176572   55.601340   3012.176

 COMB DB-G3-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.922358 -269.398089   -2.429161
-461.143920  -28.997440  -1217.932
 0.25000  -11.922358 -240.572425   -2.429161
-461.143920  -31.105840  -1304.372
 0.50000  -11.922358 -212.836964   -2.429161
-461.143920  -33.635529  -1390.815
 0.75000  -11.922358 -186.702972   -2.429161
-461.143920  -36.552255  -1477.258
 1.00000  -11.922358 -162.675152   -2.429161
-461.143920  -39.837148  -1563.830

 COMB DB-G3-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.475391  346.959816    7.222237
372.142600   64.511768   3541.606
 0.25000   13.475391  368.192389    7.222237
372.142600   60.749218   3369.043
 0.50000   13.475391  390.864982    7.222237
372.142600   57.832612   3183.664
 0.75000   13.475391  414.520217    7.222237
372.142600   55.933330   2990.388
 1.00000   13.475391  438.767508    7.222237
372.142600   55.044538   2786.341
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1584

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DB-G3-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.866078 -240.855618   -4.838549
-412.591242  -53.164840   -1294.771
 0.25000  -13.866078 -216.820984   -4.838549
-412.591242  -52.776327   -1375.385
 0.50000  -13.866078 -193.696916   -4.838549
-412.591242  -53.164584   -1456.037
 0.75000  -13.866078 -171.907974   -4.838549
-412.591242  -54.400058   -1536.771
 1.00000  -13.866078 -151.874823   -4.838549
-412.591242  -56.405593   -1617.631

 COMB DL-G1-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.673394   52.256864    0.407957
249.974105   19.336422   708.336254
 0.25000    9.673394   52.264165    0.407957
249.987558   22.107920   666.187122
 0.50000    9.673394   52.271983    0.407957
250.002465   25.040856   624.133604
 0.75000    9.673394   52.280304    0.407957
250.018422   28.240505   582.464291
 1.00000    9.673394   52.288676    0.407957
250.035049   31.852378   540.959038

 COMB DL-G1-1 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.564151  -37.420407   -6.692419
-88.452446  -53.498802  -742.659632
 0.25000   -8.564151  -37.413031   -6.692419
-88.433544  -48.163035  -717.517398
 0.50000   -8.564151  -37.405998   -6.692419
-88.415484  -43.142183  -692.495809
 0.75000   -8.564151  -37.399441   -6.692419
-88.398688  -38.656575  -667.510255
 1.00000   -8.564151  -37.393490   -6.692419
-88.383500  -34.849401  -642.988028

 COMB DL-G1-2 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   14.810348  117.550507    1.166150
445.990582   22.058417   1451.010
 0.25000   14.810348  117.557805    1.166150
446.003990   25.915853   1357.612
 0.50000   14.810348  117.565619    1.166150
446.018850   30.069637   1265.351
 0.75000   14.810348  117.573835    1.166150
446.034758   34.672264   1175.129
 1.00000   14.810348  117.582302    1.166150
446.051332   39.927662   1085.755

 COMB DL-G1-2 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.857535  -68.859263  -10.308055
-128.294902  -90.072437   -1369.188
 0.25000  -13.857535  -68.851889  -10.308055
-128.276046  -81.930973   -1332.243
 0.50000  -13.857535  -68.844864  -10.308055
-128.258029  -74.544873   -1295.408
 0.75000  -13.857535  -68.838311  -10.308055
-128.241272  -68.401357   -1258.630
 1.00000  -13.857535  -68.832365  -10.308055
-128.226125  -63.371434   -1224.230

 COMB DL-G1-3 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   15.167558  209.807341    1.703771
540.166162  23.783426   2392.175
 0.25000   15.167558  210.017544    1.703771
540.552529  27.094018   2233.037
 0.50000   15.167558  210.242598    1.703771
540.980708  30.680537   2075.957
 0.75000   15.167558  210.479250    1.703771
541.439096  34.848845   1923.004
 1.00000   15.167558  210.723134    1.703771
541.916698  39.839140   1776.863
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                1585

F R A M E  E L E M E N T  I N T E R N A
L  F O R C E S

 COMB DL-G1-3 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -13.794718 -100.301033   -9.738398
-153.994582  -85.758851   -1940.694
 0.25000  -13.794718 -100.088730   -9.738398
-153.451297  -78.516324   -1905.546
 0.50000  -13.794718  -99.886305   -9.738398
-152.932204  -72.012731   -1870.473
 0.75000  -13.794718  -99.697561   -9.738398
-152.449431  -66.752299   -1835.438
 1.00000  -13.794718  -99.526275   -9.738398
-152.013021  -62.808076   -1806.605

 COMB DL-G1-4 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   18.055367  306.092394    4.632076
506.321997   49.665802   3143.378
 0.25000   18.055367  316.732841    4.632076
522.311895   50.232299   2966.986
 0.50000   18.055367  328.140581    4.632076
540.282739   51.306294   2777.767
 0.75000   18.055367  340.107029    4.632076
559.637088   53.034050   2581.932
 1.00000   18.055367  352.413232    4.632076
579.761766   55.692012   2376.940

 COMB DL-G1-4 ----------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -16.291167 -186.318293   -8.708793
-354.630109  -80.173516   -2180.153
 0.25000  -16.291167 -175.701183   -8.708793
-330.483062  -75.233061   -2157.022
 0.50000  -16.291167 -165.555110   -8.708793
-307.319917  -71.087775   -2133.899
 0.75000  -16.291167 -156.080089   -8.708793
-285.789588  -68.102655   -2110.919
 1.00000  -16.291167 -147.474995   -8.708793
-266.401553  -66.394899   -2097.571

 COMB DL-G2-1 ----------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.665743   88.027404    0.981517
207.475695   2.367444   964.946194
 0.25000    4.665743   88.100385    0.981517
207.609776   2.970048   897.797222
 0.50000    4.665743   88.178522    0.981517
207.758371   3.675727   832.044199
 0.75000    4.665743   88.260685    0.981517
207.917450   4.506801   768.761137
 1.00000    4.665743   88.345360    0.981517
208.083197   5.587749   706.144968
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COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.789061	-37.839514	-3.148329
-32.233261	-33.121116	-744.411523	
0.25000	-4.789061	-37.765806	-3.148329
-32.044697	-30.560854	-734.728357	
0.50000	-4.789061	-37.695527	-3.148329
-31.864527	-28.538620	-725.041056	
0.75000	-4.789061	-37.629998	-3.148329
-31.696964	-27.365725	-715.337148	
1.00000	-4.789061	-37.570530	-3.148329
-31.545495	-26.532705	-708.623940	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.257100	220.276472	2.381724
344.488669	15.794861	2247.842	
0.25000	7.257100	220.283773	2.381724
344.502114	15.499080	2085.889	
0.50000	7.257100	220.291590	2.381724
344.517013	15.464211	1931.348	
0.75000	7.257100	220.299810	2.381724
344.532962	15.753887	1792.635	
1.00000	7.257100	220.308281	2.381724
344.549580	16.552780	1665.490	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1586

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.564824	-88.955190	-3.258190
-117.243881	-17.506.433		
0.25000	-6.564824	-88.947815	-3.258190
-117.224986	-33.099812	-1498.414	
0.50000	-6.564824	-88.940783	-3.258190
-117.206934	-31.983978	-1490.343	
0.75000	-6.564824	-88.934226	-3.258190
-117.190144	-31.667940	-1482.259	
1.00000	-6.564824	-88.928276	-3.258190
-117.174967	-32.092155	-1482.093	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.505335	245.341750	2.511214
510.314436	24.604930	2628.320	
0.25000	13.505335	245.348321	2.511214
510.326537	26.394605	2444.393	
0.50000	13.505335	245.355356	2.511214
510.339946	28.515584	2267.407	
0.75000	13.505335	245.362754	2.511214
510.354301	31.099433	2155.070	
1.00000	13.505335	245.370378	2.511214
510.369257	34.416719	1953.439	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.407405	-110.043071	-7.785079
-167.181844	-73.266558	-1973.247	
0.25000	-12.407405	-110.036434	-7.785079
-167.164839	-67.968850	-1977.018	
0.50000	-12.407405	-110.030105	-7.785079
-167.148592	-63.346752	-1959.430	
0.75000	-12.407405	-110.024204	-7.785079
-167.133481	-60.089985	-1941.955	
1.00000	-12.407405	-110.018849	-7.785079
-167.119821	-57.819464	-1931.451	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.457003	351.733796	6.448509
458.870863	59.019706	3484.909	
0.25000	18.457003	367.868703	6.448509
458.872735	57.515976	3305.597	
0.50000	18.457003	385.176405	6.448509
461.264267	56.574965	3104.338	
0.75000	18.457003	403.286940	6.448509
481.633876	56.381879	2885.877	
1.00000	18.457003	421.856122	6.448509
502.726338	57.252460	2648.527	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.003628	-225.600251	-7.211783
-408.819315	-72.122445	-2230.747	
0.25000	-17.003628	-209.840104	-7.211783
-381.475974	-69.341844	-2242.239	
0.50000	-17.003628	-194.650213	-7.211783
-353.693053	-67.362643	-2235.787	
0.75000	-17.003628	-180.465942	-7.211783
-327.801213	-66.496555	-2229.533	
1.00000	-17.003628	-167.573662	-7.211783
-318.702862	-66.808220	-2234.200	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.238691	233.322806	7.626272
75.218372	66.254608	2063.323	
0.25000	12.238691	253.957045	7.626272
75.218372	60.620660	2005.522	
0.50000	12.238691	276.037628	7.626272
75.218372	55.681315	1914.251	
0.75000	12.238691	299.036936	7.626272
75.218372	51.891572	1789.013	
1.00000	12.238691	322.497731	7.626272
75.218372	48.624827	1630.705	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1587

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.538133	-191.193133	-1.353330
-405.875921	-19.879766	-902.925920	
0.25000	-11.538133	-171.803780	-1.353330
-410.214447	-22.642751	-917.531407	
0.50000	-11.538133	-153.067096	-1.353330
-414.552973	-25.684998	-931.818954	
0.75000	-11.538133	-135.431123	-1.353330
-418.891499	-29.029193	-945.869361	
1.00000	-11.538133	-119.390264	-1.353330
-423.230025	-32.805503	-968.182736	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.598810	369.454365	10.136875
182.590210	91.022895	3301.646	
0.25000	16.598810	393.270645	10.136875
182.590210	83.615948	3162.311	
0.50000	16.598810	418.762231	10.136875
182.590210	77.209469	2990.503	
0.75000	16.598810	445.347742	10.136875
182.590210	71.884696	2796.508	
1.00000	16.598810	472.492060	10.136875
182.590210	67.653458	2575.169	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.110619	-262.361359	-1.957274
-527.592703	-28.043963	-1586.254	
0.25000	-15.110619	-239.770413	-1.957274
-528.072687	-31.490050	-1607.135	
0.50000	-15.110619	-217.978419	-1.957274
-528.552672	-35.448377	-1634.055	
0.75000	-15.110619	-197.504115	-1.957274
-529.032656	-39.833733	-1655.142	
1.00000	-15.110619	-178.857923	-1.957274
-529.512640	-44.788462	-1688.248	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.252171	416.398539	9.538795
317.838436	80.351661	3888.994	
0.25000	17.252171	438.219065	9.538795
317.838436	74.187081	3701.810	
0.50000	17.252171	461.577902	9.538795
317.838436	68.870173	3486.326	
0.75000	17.252171	485.942224	9.538795
317.838436	64.577017	3249.166	
1.00000	17.252171	510.822791	9.538795
317.838436	61.525275	2986.934	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.805030	-269.476323	-3.164325
-488.018880	-39.769674	-2081.964	
0.25000	-15.805030	-248.751879	-3.164325
-487.935307	-41.828593	-2092.441	
0.50000	-15.805030	-228.764655	-3.164325
-487.851735	-44.555830	-2102.854	
0.75000	-15.805030	-209.990172	-3.164325
-487.768162	-48.109127	-2113.183	
1.00000	-15.805030	-192.889773	-3.164325
-487.684590	-52.548417	-2138.469	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.548819	392.689039	8.390553
433.190174	72.072740	3793.298	
0.25000	19.548819	410.879312	8.390553
433.190174	68.340663	3600.819	
0.50000	19.548819	430.351997	8.390553
433.190174	65.423831	3385.034	
0.75000	19.548819	450.662988	8.390553
433.190174	63.508783	3151.758	
1.00000	19.548819	471.404478	8.390553
433.190174	62.826461	2898.023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1588

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.269664	-250.013429	-6.255547
-449.653099	-67.376325	-2270.796	
0.25000	-18.269664	-232.736075	-6.255547
-449.576022	-66.334681	-2271.936	
0.50000	-18.269664	-216.073463	-6.255547
-449.488944	-66.140557	-2272.999	
0.75000	-18.269664	-200.421962	-6.255547
-449.401867	-67.043313	-2274.049	
1.00000	-18.269664	-186.166086	-6.255547
-449.314789	-69.080211	-2287.988	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.475391	379.241997	8.139922
464.792146	81.484735	3768.979	
0.25000	13.475391	404.708523	8.139922
464.812146	74.708812	3601.212	
0.50000	13.475391	431.902505	8.139922
464.840231	69.065659	3416.854	
0.75000	13.475391	460.275204	8.139922
482.654474	64.739593	3221.596	
1.00000	13.475391	489.356024	8.139922
513.617304	61.734946	3012.176	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.866078	-275.242483	-7.932024
-505.352377	-77.608820	-1294.771	
0.25000	-13.866078	-243.861953	-7.932024
-505.352377	-71.224546	-1375.385	
0.50000	-13.866078	-213.616994	-7.932024
-505.352377	-65.905049	-1456.037	
0.75000	-13.866078	-186.702972	-7.932024
-505.352377	-61.814229	-1536.771	
1.00000	-13.866078	-162.675152	-7.932024
-505.352377	-58.925975	-1617.631	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.548819	416.398538	10.136875
540.166162	91.022895	3888.994	
0.25000	19.548819	438.219065	10.136875
540.552529	83.615948	3701.810	
0.50000	19.548819	461.577902	10.136875
540.980708	77.209469	3486.326	
0.75000	19.548819	485.942224	10.136875
559.637088	71.884696	3249.166	
1.00000	19.548819	510.822791	10.136875
579.761766	67.653458	2986.934	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.269664	-269.476323	-10.308055
-527.592703	-90.072437	-2270.796	
0.25000	-18.269664	-248.751879	-10.308055
-528.072687	-81.930973	-2271.936	
0.50000	-18.269664	-228.764655	-10.308055
-528.552672	-74.544873	-2272.999	
0.75000	-18.269664	-209.990172	-10.308055
-529.032656	-68.401357	-2274.049	
1.00000	-18.269664	-192.889773	-10.308055
-529.512640	-69.080211	-2287.988	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.548819	416.398538	10.136875
540.166162	91.022895	3888.994	
0.25000	19.548819	438.219065	10.136875
540.552529	83.615948	3701.810	
0.50000	19.548819	461.577902	10.136875
540.980708	77.209469	3486.326	
0.75000	19.548819	485.942224	10.136875
559.637088	71.884696	3249.166	
1.00000	19.548819	510.822791	10.136875
579.761766	67.653458	3012.176	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1589

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.269664	-275.242483	-10.308055
-527.592703	-90.072437	-2270.796	
0.25000	-18.269664	-248.751879	-10.308055
-528.072687	-81.930973	-2271.936	
0.50000	-18.269664	-228.764655	-10.308055
-528.552672	-74.544873	-2272.999	
0.75000	-18.269664	-209.990172	-10.308055
-529.032656	-68.401357	-2274.049	
1.00000	-18.269664	-192.889773	-10.308055
-529.512640	-69.080211	-2287.988	

ELEM 130 ========== LENGTH = 4.928362

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.780616	41.813245	0.550340
248.256362	25.167989	340.004696	
0.25000	6.780616	41.825843	0.550340
248.277385	26.366664	294.243824	
0.50000	6.780616	41.839101	0.550340
248.300743	27.667434	250.085435	
0.75000	6.780616	41.852805	0.550340
248.340972	28.998486	208.172866	
1.00000	6.780616	41.868108	0.550340
248.379297	30.345107	183.617706	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.135818	-23.298471	-5.142214
-65.630278	-32.565841	-426.233555	
0.25000	-7.135818	-23.283337	-5.142214
-65.589883	-27.554907	-420.214100	
0.50000	-7.135818	-23.270052	-5.142214
-65.555419	-23.263064	-414.450593	
0.75000	-7.135818	-23.257493	-5.142214
-65.522564	-19.492341	-408.948219	
1.00000	-7.135818	-23.245926	-5.142214
-65.491668	-16.386736	-403.686842	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.921801	97.255560	0.197110
447.874960	31.513170	736.821200	
0.25000	10.921801	97.269153	0.197110
447.895942	34.388912	631.223908	
0.50000	10.921801	97.281405	0.197110
447.926007	37.738780	531.520916	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1590

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.468041	-43.096284	-9.145350
-96.396741	-59.987525	-829.538181	
0.25000	-11.468041	-43.081610	-9.145350
-96.356422	-51.166201	-829.625345	
0.50000	-11.468041	-43.067880	-9.145350
-96.322016	-43.113809	-829.857501	
0.75000	-11.468041	-43.055327	-9.145350
-96.289220	-36.036599	-830.709467	
1.00000	-11.468041	-43.043766	-9.145350
-96.258381	-29.953476	-831.719850	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.189073	181.003050	0.377823
559.365647	29.293654	1335.849	
0.25000	11.189073	181.014384	0.377823
559.384538	31.739276	1145.424	
0.50000	11.189073	181.026313	0.377823
559.411649	34.281124	967.994834	
0.75000	11.189073	181.038642	0.377823
559.441515	36.980099	809.335648	
1.00000	11.189073	181.052408	0.377823
559.475955	39.865106	683.508714	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.736095	-60.332496	-8.698319
-92.502030	-58.089920	-1235.898	
0.25000	-11.736095	-60.318883	-8.698319
-92.465729	-49.826894	-1258.828	
0.50000	-11.736095	-60.306930	-8.698319
-92.434753	-42.484922	-1281.864	
0.75000	-11.736095	-60.296531	-8.698319
-92.405226	-36.191946	-1305.457	
1.00000	-11.736095	-60.285225	-8.698319
-92.377461	-30.975716	-1329.226	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.927358	301.821584	3.303858
520.598495	44.076201	2100.776	
0.25000	12.927358	313.639243	3.303858
522.354898	43.057781	1870.029	
0.50000	12.927358	326.099927	3.303858
540.133304	42.288202	1640.954	
0.75000	12.927358	338.990507	3.303858
557.871250	41.742881	1420.915	
1.00000	12.927358	353.078649	3.303858
587.677912	41.798906	1221.716	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.457924	-136.915723	-7.514254
-313.584428	-59.301347	-1481.140	
0.25000	-13.457924	-123.003187	-7.514254
-280.343045	-53.617344	-1534.367	
0.50000	-13.457924	-110.539740	-7.514254
-254.974049	-48.708317	-1587.692	
0.75000	-13.457924	-98.779454	-7.514254
-233.178765	-44.678931	-1641.493	
1.00000	-13.457924	-87.963658	-7.514254
-211.030511	-41.565670	-1695.437	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.831151	78.807664	0.107492
219.617827	3.883924	558.618878	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1591

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.980099	-24.444831	-3.775527
-26.495575	-25.904438	-503.346916	
0.25000	-3.980099	-24.278402	-3.775527
-26.055166	-22.386540	-516.918429	
0.50000	-3.980099	-24.132288	-3.775527
-25.672715	-19.087176	-530.583819	
0.75000	-3.980099	-23.994164	-3.775527
-25.311569	-16.185861	-544.340935	
1.00000	-3.980099	-23.866952	-3.775527
-24.971969	-13.621110	-558.098087	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.427102	207.031126	1.275830
372.287942	10.479685	1466.266	
0.25000	5.427102	207.043743	1.275830
372.308940	10.355845	1255.223	
0.50000	5.427102	207.056976	1.275830
372.339122	10.317454	1067.556	
0.75000	5.427102	207.070677	1.275830
372.372317	10.420893	913.928061	
1.00000	5.427102	207.085974	1.275830
372.410599	10.915277	793.018486	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.675014	-48.915752	-3.651629
-83.746905	-29.004862	-1057.664	
0.25000	-5.675014	-48.900654	-3.651629
-83.706556	-26.158109	-1102.739	
0.50000	-5.675014	-48.887373	-3.651629
-83.672126	-23.767133	-1147.867	
0.75000	-5.675014	-48.874817	-3.651629
-83.639307	-21.844760	-1193.100	
1.00000	-5.675014	-48.863253	-3.651629
-83.608445	-20.399390	-1238.391	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.023011	223.922200	1.157741
534.958106	25.211626	1612.622	
0.25000	10.023011	223.933535	1.157741
534.977004	26.603638	1380.918	
0.50000	10.023011	223.945464	1.157741
535.004168	28.069912	1172.079	
0.75000	10.023011	223.957923	1.157741
535.034044	29.714851	996.037430	
1.00000	10.023011	223.971563	1.157741
535.068497	31.671672	860.784222	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.514974	-62.844408	-7.393245
-121.160554	-53.111804	-1306.987	
0.25000	-10.514974	-62.830793	-7.393245
-121.124239	-46.546202	-1345.160	
0.50000	-10.514974	-62.818271	-7.393245
-121.093253	-40.679897	-1383.501	
0.75000	-10.514974	-62.807539	-7.393245
-121.063715	-35.632944	-1422.050	
1.00000	-10.514974	-62.797132	-7.393245
-121.035940	-31.409503	-1460.925	

Program SAP2000 Nonlinear Version 7.42
File:하행S06~S1003.OUT

Page
< MOVING LOAD >
1592

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.413358	360.363986	4.981881
474.649338	47.671888	2457.711	
0.25000	13.413358	378.575346	4.981881
474.649338	45.003566	2217.036	
0.50000	13.413358	397.827150	4.981881
474.649338	42.720902	1968.031	
0.75000	13.413358	417.765624	4.981881
474.649338	40.934916	1719.487	
1.00000	13.413358	438.918826	4.981881
486.784055	40.014073	1469.771	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.844072	-176.649050	-6.387904
-364.933307	-57.862151	-1555.382	
0.25000	-13.844072	-155.800529	-6.387904
-343.103001	-53.876579	-1626.574	
0.50000	-13.844072	-136.591885	-6.387904
-318.567510	-50.484126	-1697.903	
0.75000	-13.844072	-118.517184	-6.387904
-300.685220	-47.775738	-1769.401	
1.00000	-13.844072	-101.914487	-6.387904
-300.685220	-45.755238	-1841.174	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.769280	274.842932	6.919216
70.082578	46.524085	1781.570	
0.25000	8.769280	298.304832	6.919216
70.082578	40.054041	1684.640	
0.50000	8.769280	323.246052	6.919216
70.082578	34.367892	1557.684	
0.75000	8.769280	349.131372	6.919216
70.082578	29.532747	1398.194	
1.00000	8.769280	374.994804	6.919216
70.082578	25.682998	1206.850	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.772446	-170.963888	-0.372194
-451.007414	-23.625740	-720.871834	
0.25000	-8.772446	-145.579630	-0.372194
-451.007414	-25.965408	-784.800167	
0.50000	-8.772446	-120.816275	-0.372194
-451.007414	-28.305503	-848.745969	
0.75000	-8.772446	-97.620294	-0.372194

```
-451.007414  -30.647718 -912.692814
 1.00000     -8.772446   -76.429990     -0.372194
-451.007414  -32.990881 -976.683911

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    11.285204    416.292533     9.382323
180.508597    60.904056     2747.138
 0.25000    11.285204    444.270909     9.382323
180.508597    51.903666     2537.405
 0.50000    11.285204    473.952394     9.382323
180.508597    43.796464     2309.806
 0.75000    11.285204    504.740588     9.382323
180.508597    37.009662     2068.057
 1.00000    11.285204    536.047898     9.382323
180.508597    31.372471     1807.260

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -11.453315  -219.455770    -0.717849
-551.479989   -33.122633    1232.974
 0.25000   -11.453315  -188.689229    -0.717849
-551.479989   -36.326412    1330.170
 0.50000   -11.453315  -159.175091    -0.717849
-551.479989   -39.551365    1427.408
 0.75000   -11.453315  -131.492263    -0.717849
-551.479989   -42.799747    1524.658
 1.00000   -11.453315  -106.150565    -0.717849
-551.479989   -45.978835    1621.925
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1593

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    12.353377    450.263362     7.998492
334.447286    54.145508     3012.899
 0.25000    12.353377    475.921315     7.998492
334.447286    46.804519     2749.870
 0.50000    12.353377    503.135483     7.998492
334.447286    40.209071     2471.502
 0.75000    12.353377    531.362804     7.998492
334.447286    34.677736     2184.552
 1.00000    12.353377    560.116644     7.998492
334.447286    30.340594     1888.843

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -12.523267  -220.556672    -2.349905
-488.437026   -40.664516    -1564.000
 0.25000   -12.523267  -192.295916    -2.349905
-488.437026   -41.842981    -1667.603
 0.50000   -12.523267  -165.231073    -2.349905
-488.437026   -43.314524    -1771.232
 0.75000   -12.523267  -139.842160    -2.349905
-488.437026   -45.092295    -1874.893
 1.00000   -12.523267  -116.596378    -2.349905
-488.437026   -47.184000    -1978.607

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    14.267792    412.331064     6.714555
447.714438    54.229068     2786.277
 0.25000    14.267792    433.723870     6.714555
447.714438    49.748273     2526.034
 0.50000    14.267792    456.412365     6.714555
447.714438    45.898277     2255.282
 0.75000    14.267792    479.946304     6.714555
447.714438    42.913595     1979.725
 1.00000    14.267792    503.920900     6.714555
447.714438    40.973951     1703.247

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.607019  -199.918412    -5.453066
-438.343073   -57.497317    -1617.700
 0.25000   -14.607019  -176.354824    -5.453066
-438.343073   -54.963485    -1704.872
 0.50000   -14.607019  -153.789889    -5.453066
-438.343073   -52.946112    -1792.213
 0.75000   -14.607019  -132.622126    -5.453066
-438.343073   -51.447275    -1879.630
 1.00000   -14.607019  -113.241043    -5.453066
-438.343073   -50.557353    -1967.257

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    10.187399    55.324939     0.494302
321.697050    32.766411    539.750326
 0.25000    10.187399    55.332518     0.494302
321.710425    34.778476    486.822111
 0.50000    10.187399    55.340633     0.494302
321.725278    37.171182    435.830155
 0.75000    10.187399    55.349130     0.494302
321.741280    40.060769    409.528154
 1.00000    10.187399    55.357868     0.494302
321.758041    43.515667    391.905500

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -9.127634   -40.970338    -6.373229
-136.341649   -35.853729   -642.570095
 0.25000    -9.127634   -40.963408    -6.373229
-136.322643   -30.369214   -609.507702
 0.50000    -9.127634   -40.956820    -6.373229
-136.304425   -25.438227   -578.080987
 0.75000    -9.127634   -40.950709    -6.373229
-136.287408   -21.260786   -570.710083
 1.00000    -9.127634   -40.945198    -6.373229
-136.271969   -17.943448   -568.476606
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1594

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    15.515703    128.976641     0.320700
574.302055    40.960983     1063.648
 0.25000    15.515703    128.984218     0.320700
574.315386    45.712787     962.362105
 0.50000    15.515703    128.992328     0.320700
574.330189    51.319383     851.911469
 0.75000    15.515703    129.000822     0.320700
574.346141    57.916963     786.788513
 1.00000    15.515703    129.009555     0.320700
574.362848    65.672097     741.308945

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.757596   -71.955320   -12.478599
-197.176209   -64.905594    -1223.656
 0.25000   -14.757596   -71.948395   -12.478599
-197.157247   -54.209955    -1176.202
 0.50000   -14.757596   -71.941813   -12.478599
-197.139069   -44.611081    -1138.242
 0.75000   -14.757596   -71.935706   -12.478599
-197.122090   -36.567039    -1143.177
 1.00000   -14.757596   -71.930199   -12.478599
-197.106688   -30.138383    -1162.663

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    15.686274    245.552776     0.595487
681.478246    40.152370     1774.486
 0.25000    15.686274    245.770991     0.595487
681.862382    44.323872     1556.250
 0.50000    15.686274    246.004602     0.595487
682.288949    49.149994     1373.590
 0.75000    15.686274    246.249223     0.595487
682.748589    54.849388     1256.053
 1.00000    15.686274    246.500778     0.595487
683.230011    61.742089     1176.644

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.580373  -101.113808   -11.782927
-190.753728   -64.230393    -1806.099
 0.25000   -14.580373  -100.914350   -11.782927
-190.207426   -54.300866    -1766.905
 0.50000   -14.580373  -100.724753   -11.782927
-189.683709   -45.369771    -1759.906
 0.75000   -14.580373  -100.548860   -11.782927
-189.194541   -37.862787    -1812.946
 1.00000   -14.580373  -100.390228   -11.782927
-188.750780   -31.922627    -1906.302

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    18.555445    367.610318     4.715639
637.200038    56.052655     2375.454
 0.25000    18.555445    378.723188     4.715639
650.160693    56.380555     2114.729
 0.50000    18.555445    390.604128     4.715639
667.951262    57.573230     1899.525
 0.75000    18.555445    403.019662     4.715639
687.233078    59.854770     1743.206
 1.00000    18.555445    415.763510     4.715639
707.404431    63.518519     1620.949

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -17.058133  -172.015578   -10.193378
-402.440875   -67.976511    -2097.289
 0.25000   -17.058133  -162.081283   -10.193378
-377.936581   -61.545851    -2089.077
 0.50000   -17.058133  -152.623125   -10.193378
-354.385087   -56.178059    -2138.925
 0.75000   -17.058133  -143.841633   -10.193378
-332.390438   -52.298470    -2263.991
 1.00000   -17.058133  -135.915793   -10.193378
-312.479794   -50.086476    -2442.948
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1595

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     4.779504   103.365251     0.128749
266.333934     5.255325   705.220570
 0.25000     4.779504   103.441015     0.128749
266.467242     7.564071   612.739369
 0.50000     4.779504   103.522124     0.128749
266.615275    10.486387   535.646628
 0.75000     4.779504   103.607055     0.128749
266.774786    14.249279   484.086831
 1.00000     4.779504   103.694393     0.128749
266.941857    18.499673   447.757071

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -5.066153   -37.039851    -5.721221
-49.139638   -26.855099   -708.519285
 0.25000    -5.066153   -36.970604    -5.721221
-48.950019   -21.954470   -698.396085
 0.50000    -5.066153   -36.904780    -5.721221
-48.768241   -17.848010   -702.167295
 0.75000    -5.066153   -36.843713    -5.721221
-48.598454   -14.690391   -728.259041
 1.00000    -5.066153   -36.788639    -5.721221
-48.444431   -12.312429   -770.165398

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     7.240913   268.093504     1.930173
417.326681    15.797841     1664.325
 0.25000     7.240913   268.101883     1.930173
417.340050    16.355424     1436.680
 0.50000     7.240913   268.109197     1.930173
417.354894    17.363555     1262.666
 0.75000     7.240913   268.117693     1.930173
417.370887    19.043740     1149.187
 1.00000     7.240913   268.126430     1.930173
417.387640    21.576717     1080.323

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -6.781285   -81.522664    -5.420846
-97.540485   -32.137354    -1482.049
 0.25000    -6.781285   -81.515735    -5.420846
-97.521487   -28.719274    -1483.610
 0.50000    -6.781285   -81.509148    -5.420846
-97.503275   -25.583668    -1531.603
 0.75000    -6.781285   -81.503038    -5.420846
-97.486264   -23.402119    -1626.641
 1.00000    -6.781285   -81.497527    -5.420846
-97.470832   -22.198051    -1768.749

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.837196    291.452047     1.769200
634.559780    34.359616     1951.425
 0.25000    13.837196    291.458868     1.769200
634.571812    37.226437     1698.298
 0.50000    13.837196    291.466171     1.769200
634.585172    40.760695     1495.939
 0.75000    13.837196    291.473817     1.769200
634.599566    45.256756     1367.806
 1.00000    13.837196    291.481681     1.769200
634.614643    50.955799     1286.636

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -13.031035  -104.811882   -10.607980
-183.810627   -58.986289    -1931.089
 0.25000   -13.031035  -104.805646   -10.607980
-183.793528   -50.766855    -1906.777
 0.50000   -13.031035  -104.799718   -10.607980
-183.777138   -43.532933    -1926.538
 0.75000   -13.031035  -104.794219   -10.607980
-183.761828   -37.670850    -2007.931
 1.00000   -13.031035  -104.789259   -10.607980
-183.747939   -33.315490    -2138.095
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1596

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    18.881236    428.075672     6.633481
588.479141    57.452097     2647.821
 0.25000    18.881236    445.089373     6.633481
588.485684    55.997132     2371.857
 0.50000    18.881236    463.232074     6.633481
588.571111    55.518414     2142.511
 0.75000    18.881236    482.136372     6.633481
600.484036    56.275670     1962.230
 1.00000    18.881236    501.479489     6.633481
621.310175    58.514784     1810.665

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -17.732585  -202.048115    -9.147300
-475.404336   -68.414061    -2234.112
 0.25000   -17.732585  -187.380167    -9.147300
-447.834523   -63.920996    -2248.096
 0.50000   -17.732585  -173.364676    -9.147300
-419.476243   -60.452200    -2332.638
 0.75000   -17.732585  -160.319306    -9.147300
-395.570737   -58.406797    -2496.880
 1.00000   -17.732585  -148.571473    -9.147300
-388.948138   -57.979408    -2722.418

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    12.525345    296.293018     8.571416
126.608658    49.148239     1632.584
 0.25000    12.525345    318.416914     8.571416
126.608658    42.646413     1512.512
 0.50000    12.525345    341.862120     8.571416
126.608658    36.826644     1407.709
 0.75000    12.525345    366.161417     8.571416
126.608658    32.047663     1294.462
 1.00000    12.525345    390.871667     8.571416
126.608658    28.486824     1175.448

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -11.931922  -159.614983    -0.544859
-520.614807   -33.943192   -968.531565
 0.25000   -11.931922  -141.861798    -0.544859
-524.953344   -37.631791    -1027.878
 0.50000   -11.931922  -124.800562    -0.544859
-529.299099   -41.713507    -1140.547
 0.75000   -11.931922  -108.891306    -0.544859
-533.630418   -46.338641    -1295.129
 1.00000   -11.931922   -94.545883    -0.544859
-537.967711   -51.626535    -1482.361

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    16.846063    464.779795    12.292488
247.982517    68.108295     2577.131
 0.25000    16.846063    490.229277    12.292488
247.982517    58.865719     2337.454
 0.50000    16.846063    517.217400    12.292488
247.982517    50.605509     2146.429
 0.75000    16.846063    545.222654    12.292488
247.982517    43.890733     1976.948
 1.00000    16.846063    573.742108    12.292488
247.982517    38.777646     1824.668

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -15.524828  -219.466151    -1.039030
-633.141938   -46.128140    -1688.732
 0.25000   -15.524828  -198.277403    -1.039030
-633.621924   -51.247058    -1767.151
 0.50000   -15.524828  -178.795999    -1.039030
-634.100453   -57.001786    -1932.588
 0.75000   -15.524828  -160.236587    -1.039030
-634.581894   -63.679693    -2164.653
 1.00000   -15.524828  -143.492419    -1.039030
-635.061880   -71.452705    -2451.574
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1597

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    17.466704    520.241417    10.356565
417.390160    61.296062     2988.016
 0.25000    17.466704    543.551901    10.356565
417.390160    54.223412     2684.546
 0.50000    17.466704    568.272778    10.356565
417.390160    48.233545     2440.963
 0.75000    17.466704    593.929275    10.356565
417.390160    43.717967     2236.808
 1.00000    17.466704    620.061593    10.356565
417.390160    40.936307     2061.938

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -16.285741  -230.685085    -3.428820
-579.100750   -53.876593    -2138.860
 0.25000   -16.285741  -211.637428    -3.428820
-579.017177   -55.819449    -2204.031
 0.50000   -16.285741  -193.361748    -3.428820
-578.932220   -58.699928    -2362.812
 0.75000   -16.285741  -176.332977    -3.428820
-578.850032   -62.822426    -2601.959
 1.00000   -16.285741  -160.968703    -3.428820
-578.766459   -68.325807    -2913.388

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    19.962568    483.313559     8.677057
565.478254    62.998943     2898.120
 0.25000    19.962568    502.745583     8.677057
565.478254    59.442656     2597.892
 0.50000    19.962568    523.353398     8.677057
565.478254    57.032826     2351.654
 0.75000    19.962568    544.741298     8.677057
565.478254    56.187923     2154.618
 1.00000    19.962568    566.526011     8.677057
565.478254    57.226029     1988.975

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.007120  -218.100988    -8.155404
-549.019991   -70.773292    -2288.109
 0.25000   -19.007120  -202.221255    -8.155404
-548.932913   -67.932839    -2328.816
 0.50000   -19.007120  -186.985213    -8.155404
-548.844680   -66.239634    -2447.705
 0.75000   -19.007120  -172.788741    -8.155404
-548.758758   -66.072632    -2649.271
 1.00000   -19.007120  -159.979885    -8.155404
-548.671681   -67.622052    -2916.705

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    14.267792    450.263362     9.382323
559.365647    60.904056     3012.899
 0.25000    14.267792    475.921315     9.382323
559.384538    51.903666     2749.870
 0.50000    14.267792    503.135483     9.382323
559.411649    45.898277     2471.502
 0.75000    14.267792    531.362804     9.382323
559.441515    42.913595     2184.552
 1.00000    14.267792    560.116644     9.382323
587.677912    44.818227     1888.843

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.607019  -220.556672    -9.145350
-551.479989   -59.987525    -1617.700
 0.25000   -14.607019  -192.295916    -9.145350
-551.479989   -54.963485    -1704.872
 0.50000   -14.607019  -165.231073    -9.145350
-551.479989   -52.946112    -1792.213
 0.75000   -14.607019  -139.842160    -9.145350
-551.479989   -51.447275    -1879.630
 1.00000   -14.607019  -116.596378    -9.145350
-551.479989   -50.557353    -1978.607
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1598

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    19.962568    520.241417    12.292488
681.478246    68.108295     3088.016
 0.25000    19.962568    543.551901    12.292488
681.862382    59.442656     2684.546
 0.50000    19.962568    568.272778    12.292488
682.288949    57.573230     2440.963
 0.75000    19.962568    593.929275    12.292488
687.233078    59.854770     2236.808
 1.00000    19.962568    620.061593    12.292488
707.404431    65.672097     2061.938

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.007120  -230.685085   -12.478599
-633.141938   -70.773292    -2288.109
 0.25000   -19.007120  -211.637428   -12.478599
-633.621924   -67.932839    -2328.816
 0.50000   -19.007120  -193.361748   -12.478599
-634.100453   -66.239634    -2447.705
 0.75000   -19.007120  -176.332977   -12.478599
-634.581894   -66.072632    -2649.271
 1.00000   -19.007120  -160.968703   -12.478599
-635.061880   -71.452705    -2916.705

 COMB      CAR ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    19.962568    520.241417    12.292488
681.478246    68.108295     3012.899
 0.25000    19.962568    543.551901    12.292488
681.862382    59.442656     2749.870
 0.50000    19.962568    568.272778    12.292488
682.288949    57.573230     2471.502
 0.75000    19.962568    593.929275    12.292488
687.233078    59.854770     2236.808
 1.00000    19.962568    620.061593    12.292488
707.404431    65.672097     2061.938

 COMB      CAR ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.007120  -230.685085   -12.478599
-633.141938   -70.773292    -2288.109
 0.25000   -19.007120  -211.637428   -12.478599
-633.621924   -67.932839    -2328.816
 0.50000   -19.007120  -193.361748   -12.478599
-634.100453   -66.239634    -2447.705
 0.75000   -19.007120  -176.332977   -12.478599
-634.581894   -66.072632    -2649.271
 1.00000   -19.007120  -160.968703   -12.478599
-635.061880   -71.452705    -2916.705

 COMB    DESIGN ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    19.962568    520.241417    12.292488
681.478246    68.108295     3012.899
 0.25000    19.962568    543.551901    12.292488
681.862382    59.442656     2749.870
 0.50000    19.962568    568.272778    12.292488
682.288949    57.573230     2471.502
 0.75000    19.962568    593.929275    12.292488
687.233078    59.854770     2236.808
 1.00000    19.962568    620.061593    12.292488
707.404431    65.672097     2061.938

 COMB    DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.007120  -230.685085   -12.478599
-633.141938   -70.773292    -2288.109
 0.25000   -19.007120  -211.637428   -12.478599
-633.621924   -67.932839    -2328.816
 0.50000   -19.007120  -193.361748   -12.478599
-634.100453   -66.239634    -2447.705
 0.75000   -19.007120  -176.332977   -12.478599
-634.581894   -66.072632    -2649.271
 1.00000   -19.007120  -160.968703   -12.478599
-635.061880   -71.452705    -2916.705
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      1599

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      131 ================== LENGTH
=     4.927534

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     7.258241    40.277863     1.922036
262.500555    31.240714    183.606431
 0.25000     7.258241    40.290515     1.922036
262.522421    30.606942    184.899660
 0.50000     7.258241    40.303713     1.922036
262.555597    30.073449    187.448023
 0.75000     7.258241    40.317244     1.922036
262.589963    29.659348    190.030231
 1.00000     7.258241    40.332324     1.922036
262.629399    29.339429    192.688385

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -7.564107   -24.493933    -4.423992
-126.281234   -16.932679   -403.012778
 0.25000    -7.564107   -24.479190    -4.423992
-126.239734   -13.139014   -378.646724
 0.50000    -7.564107   -24.466611    -4.423992
-126.203491   -10.133267   -354.706600
 0.75000    -7.564107   -24.454815    -4.423992
-126.168903    -8.251179   -331.324700
 1.00000    -7.564107   -24.444070    -4.423992
-126.137816    -7.546721   -308.758881

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    11.694304    96.860119     1.428526
472.107270    46.160976    368.095746
 0.25000    11.694304    96.872766     1.428526
472.128469    48.196189    348.176797
 0.50000    11.694304    96.885959     1.428526
472.161590    50.435088    352.694235
 0.75000    11.694304    96.899486     1.428526
472.195901    52.924720    357.972599
 1.00000    11.694304    96.914557     1.428526
472.235267    56.339663    364.008011
```

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.165829	-43.188930	-9.839366
-200.444548	-30.985363	-831.147092	
0.25000	-12.165829	-43.174198	-9.839366
-200.403120	-20.540766	-798.684230	
0.50000	-12.165829	-43.161626	-9.839366
-200.366932	-11.590419	-767.483532	
0.75000	-12.165829	-43.149835	-9.839366
-200.332398	-7.947385	-737.214862	
1.00000	-12.165829	-43.139095	-9.839366
-200.301372	-5.459543	-708.205103	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.006523	190.686713	1.200082
594.075590	40.804247	682.515408	
0.25000	12.006523	190.698097	1.200082
594.094789	42.696448	558.839975	
0.50000	12.006523	190.709971	1.200082
594.124607	45.033492	498.495062	
0.75000	12.006523	190.722146	1.200082
594.155497	47.629395	511.634004	
1.00000	12.006523	190.735712	1.200082
594.190940	50.837757	524.846558	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.473060	-60.632244	-9.447711
-218.988848	-32.319911	-1328.651	
0.25000	-12.473060	-60.618983	-9.447711
-218.951549	-22.167647	-1316.764	
0.50000	-12.473060	-60.607667	-9.447711
-218.918970	-14.006294	-1305.938	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-12.473060	-60.597054	-9.447711
-218.887879	-8.959654	-1296.260	
1.00000	-12.473060	-60.587387	-9.447711
-218.859946	-5.659443	-1287.660	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.762910	335.950517	4.610253
579.703357	42.233683	1221.056	
0.25000	13.762910	347.869854	4.610253
579.703357	42.888031	1014.300	
0.50000	13.762910	360.328364	4.610253
585.335109	41.158338	852.625258	
0.75000	13.762910	373.114733	4.610253
607.396233	43.534664	747.433429	
1.00000	13.762910	387.047033	4.610253
636.907892	46.415179	653.492956	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.187565	-116.364265	-8.059329
-393.490889	-42.603372	-1695.129	
0.25000	-14.187565	-102.959746	-8.059329
-362.932803	-35.317709	-1730.097	
0.50000	-14.187565	-91.214418	-8.059329
-340.721362	-29.060665	-1766.022	
0.75000	-14.187565	-80.220601	-8.059329
-317.356222	-26.201338	-1802.907	
1.00000	-14.187565	-70.495240	-8.059329
-310.155143	-25.085488	-1840.689	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.107499	82.946304	0.094757
230.907610	11.311003	267.255088	
0.25000	4.107499	83.085461	0.094757
231.145195	14.404910	207.357483	
0.50000	4.107499	83.230615	0.094757
231.509889	17.600697	199.972772	
0.75000	4.107499	83.379437	0.094757
231.887676	21.004921	204.884921	
1.00000	4.107499	83.545280	0.094757
232.321165	24.799048	209.765413	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.237309	-23.890126	-5.378363
-72.111221	-14.178284	-557.920824	
0.25000	-4.237309	-23.727996	-5.378363
-71.655038	-7.680312	-557.942582	
0.50000	-4.237309	-23.589662	-5.378363
-71.256603	-1.782638	-558.281051	
0.75000	-4.237309	-23.459924	-5.378363
-70.876375	-1.363737	-559.153159	
1.00000	-4.237309	-23.341754	-5.378363
-70.534687	-1.336754	-560.360593	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.800901	227.644856	1.582581
403.209510	10.772047	791.841167	
0.25000	5.800901	227.657506	1.582581
403.230975	13.002769	585.618850	
0.50000	5.800901	227.670700	1.582581
403.264118	15.987838	462.414223	
0.75000	5.800901	227.684229	1.582581
403.298451	19.154345	437.343528	
1.00000	5.800901	227.699304	1.582581
403.337845	22.951927	430.437923	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.995046	-47.650654	-5.059313
-134.990473	-21.140470	-1238.222	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-5.995046	-47.635917	-5.059313
-134.949016	-15.909393	-1269.152	
0.50000	-5.995046	-47.623342	-5.059313
-134.912806	-11.361750	-1300.289	
0.75000	-5.995046	-47.611549	-5.059313
-134.878250	-10.585397	-1332.067	
1.00000	-5.995046	-47.600807	-5.059313
-134.847200	-10.956132	-1363.981	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.721165	241.560917	1.454907
573.953924	32.248205	859.782042	
0.25000	10.721165	241.572301	1.454907
573.973243	34.755213	677.121352	
0.50000	10.721165	241.584177	1.454907
574.003072	37.939720	568.887830	
0.75000	10.721165	241.596352	1.454907
574.033972	41.295331	548.794612	
1.00000	10.721165	241.609919	1.454907
574.069427	45.107490	545.149822	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.130481	-60.701004	-8.703658
-215.546832	-32.543462	-1460.497	
0.25000	-11.130481	-60.687741	-8.703658
-215.509521	-23.241361	-1470.814	
0.50000	-11.130481	-60.676424	-8.703658
-215.476931	-14.739496	-1481.836	
0.75000	-11.130481	-60.665810	-8.703658
-215.445831	-10.936614	-1493.987	
1.00000	-11.130481	-60.656142	-8.703658
-215.417886	-10.991773	-1506.869	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.231481	410.353649	5.314794
553.878991	40.107261	1469.534	
0.25000	14.231481	428.826799	5.314794
553.878991	37.629009	1225.040	
0.50000	14.231481	448.188651	5.314794
553.878991	35.934957	1015.620	
0.75000	14.231481	468.087105	5.314794
553.878991	38.019210	852.216679	
1.00000	14.231481	489.112042	5.314794
558.022606	41.369741	702.221797	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.563652	-138.362971	-7.382560
-443.118139	-46.728319	-1841.102	
0.25000	-14.563652	-118.592978	-7.382560
-418.434131	-39.845638	-1907.352	
0.50000	-14.563652	-100.604995	-7.382560
-391.358311	-33.644035	-1974.239	
0.75000	-14.563652	-83.811088	-7.382560
-391.358311	-31.251267	-2042.121	
1.00000	-14.563652	-70.372908	-7.382560
-391.358311	-32.064637	-2110.927	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.182700	336.111506	6.931161
164.240631	25.140954	1208.278	
0.25000	9.182700	360.176924	6.931161
164.240631	18.558139	1033.291	
0.50000	9.182700	385.546745	6.931161
164.240631	12.945404	829.026969	
0.75000	9.182700	411.685228	6.931161
164.240631	8.467362	595.988681	
1.00000	9.182700	437.666353	6.931161
164.240631	6.088042	381.558627	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.138977	-108.934532	-0.626724
-464.119844	-33.100854	-977.220823	
0.25000	-9.138977	-85.473258	-0.626724
-464.119844	-34.280670	-1075.448	
0.50000	-9.138977	-62.577046	-0.626724
-464.119844	-35.570131	-1173.847	
0.75000	-9.138977	-41.312750	-0.626724
-464.119844	-36.889338	-1272.896	
1.00000	-9.138977	-30.614268	-0.626724
-464.119844	-38.215757	-1371.973	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.790169	498.440759	10.510246
298.545930	30.533278	1808.540	
0.25000	11.790169	527.045648	10.510246
298.545930	22.613194	1498.858	
0.50000	11.790169	557.138263	10.510246
298.545930	16.133136	1175.636	
0.75000	11.790169	588.122344	10.510246
298.545930	14.109281	866.229252	
1.00000	11.790169	619.471480	10.510246
298.545930	10.723449	598.288497	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.850730	-149.226622	-0.618772
-550.024034	-46.022999	-1622.542	
0.25000	-11.850730	-120.723157	-0.618772
-550.024034	-48.062627	-1758.441	
0.50000	-11.850730	-93.327712	-0.618772
-550.024034	-50.946950	-1894.399	
0.75000	-11.850730	-67.855529	-0.618772
-550.024034	-54.832765	-2031.246	
1.00000	-11.850730	-52.798737	-0.618772
-550.024034	-59.241193	-2168.228	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.010296	529.786978	8.341427
449.731254	29.603472	1889.378	
0.25000	13.010296	556.010860	8.341427
449.731254	23.716607	1537.819	
0.50000	13.010296	583.522849	8.341427
449.731254	19.220151	1222.472	
0.75000	13.010296	611.989926	8.341427
449.731254	16.080638	959.365220	
1.00000	13.010296	640.773038	8.341427
449.731254	17.643109	725.966181	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.092451	-156.904555	-2.967852
-535.860286	-47.795746	-1979.047	
0.25000	-13.092451	-130.715737	-2.967852
-535.860286	-46.552888	-2108.126	
0.50000	-13.092451	-105.584548	-2.967852
-535.860286	-45.722578	-2237.296	
0.75000	-13.092451	-82.217780	-2.967852
-535.860286	-46.121396	-2367.567	
1.00000	-13.092451	-68.193563	-2.967852
-535.860286	-47.535804	-2497.934	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.096333	478.325607	6.966895
552.777183	40.771677	1703.505	
0.25000	15.096333	500.189163	6.966895
552.777183	37.296170	1409.935	
0.50000	15.096333	523.184783	6.966895
552.777183	35.034793	1149.855	
0.75000	15.096333	546.859961	6.966895
552.777183	33.954098	933.474707	
1.00000	15.096333	570.859660	6.966895
552.777183	37.185804	741.756118	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.337551	-146.188671	-6.723656
-517.659791	-51.470587	-1967.420	
0.25000	-15.337551	-124.352422	-6.723656
-517.659791	-45.410539	-2063.314	
0.50000	-15.337551	-103.399338	-6.723656
-517.659791	-39.972877	-2159.662	
0.75000	-15.337551	-83.917341	-6.723656
-517.659791	-39.455716	-2257.471	
1.00000	-15.337551	-72.217630	-6.723656
-517.659791	-40.618532	-2355.658	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.966647	52.962743	1.738819
347.451656	44.501558	391.152268	
0.25000	10.966647	52.970792	1.738819
347.465736	44.570211	384.083010	
0.50000	10.966647	52.979313	1.738819
347.481288	45.163264	384.883936	
0.75000	10.966647	52.988168	1.738819
347.497940	46.366806	393.503946	
1.00000	10.966647	52.997225	1.738819
347.515359	48.093848	409.158073	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.918359	-52.474851	-4.773252
-210.282009	-18.844291	-568.121341	
0.25000	-9.918359	-52.468371	-4.773252
-210.262955	-15.102769	-548.819967	
0.50000	-9.918359	-52.462273	-4.773252
-210.244840	-12.138473	-537.295715	
0.75000	-9.918359	-52.456685	-4.773252
-210.228019	-10.162178	-535.480847	
1.00000	-9.918359	-52.451718	-4.773252
-210.212787	-9.178698	-547.656696	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.688853	124.302408	1.331546
618.168420	66.949371	739.897060	
0.25000	16.688853	124.310454	1.331546
618.182456	72.372511	714.224289	
0.50000	16.688853	124.318972	1.331546
618.197959	79.279114	713.915478	
0.75000	16.688853	124.327825	1.331546
618.214562	88.361001	731.997382	
1.00000	16.688853	124.336879	1.331546
618.231927	98.793538	765.443947	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.068789	-89.840975	-12.692092
-323.753384	-31.610229	-1162.315	
0.25000	-16.068789	-89.841805	-12.692092
-323.734373	-22.166862	-1158.305	
0.50000	-16.068789	-89.835712	-12.692092
-323.716298	-14.438571	-1177.176	
0.75000	-16.068789	-89.830129	-12.692092
-323.699513	-11.110087	-1219.525	
1.00000	-16.068789	-89.825166	-12.692092
-323.684316	-9.116202	-1284.916	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.637993	254.864018	1.314870
746.248246	62.489496	1174.937	
0.25000	16.637993	255.095755	1.314870
746.652714	67.398195	1097.241	
0.50000	16.637993	255.341118	1.314870
747.099442	73.984992	1059.885	
0.75000	16.637993	255.596048	1.314870
747.577848	82.365354	1082.069	
1.00000	16.637993	255.856827	1.314870
748.078194	92.016276	1131.592	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.732488	-118.153616	-12.117613
-339.680138	-33.246796	-1906.173	
0.25000	-15.732488	-117.967134	-12.117613
-339.132410	-24.238119	-1988.428	
0.50000	-15.732488	-117.791630	-12.117613
-338.611666	-17.008993	-2109.404	
0.75000	-15.732488	-117.630828	-12.117613
-338.128082	-13.058460	-2270.457	
1.00000	-15.732488	-117.487873	-12.117613
-337.690235	-10.699775	-2468.692	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.384412	416.457691	5.642724
723.669028	64.274457	1619.645	
0.25000	19.384412	428.359659	5.642724
733.517686	65.638086	1509.299	
0.50000	19.384412	440.944853	5.642724
752.356563	69.437314	1435.015	
0.75000	19.384412	453.998751	5.642724
772.666142	76.005227	1416.684	
1.00000	19.384412	467.322239	5.642724
793.924981	84.551192	1427.575	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.090410	-171.224148	-10.364642
-519.877954	-51.611532	-2442.005	
0.25000	-18.090410	-162.031298	-10.364642
-495.260608	-46.574523	-2644.059	
0.50000	-18.090410	-153.369297	-10.364642
-471.751427	-43.674992	-2897.883	
0.75000	-18.090410	-145.479972	-10.364642
-449.896703	-44.490816	-3204.352	
1.00000	-18.090410	-138.380045	-10.364642
-430.163276	-47.059506	-3564.253	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.037194	103.533038	0.102311
288.395251	18.640535	447.036671	
0.25000	5.037194	103.613499	0.102311
288.535614	24.287872	412.582867	
0.50000	5.037194	103.698678	0.102311
288.690647	30.835028	404.989154	
0.75000	5.037194	103.787202	0.102311
288.856676	38.982100	415.570813	
1.00000	5.037194	103.877745	0.102311
289.030319	47.845014	436.994049	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.469054	-41.968127	-8.050943
-103.629386	-12.812995	-770.310028	
0.25000	-5.469054	-41.903386	-8.050943
-103.439275	-7.500288	-812.600235	
0.50000	-5.469054	-41.842456	-8.050943
-103.258527	-3.058849	-873.335646	
0.75000	-5.469054	-41.786631	-8.050943
-103.090678	-2.335091	-949.438371	
1.00000	-5.469054	-41.737001	-8.050943
-102.938704	-2.375550	-1038.662	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.357406	293.842518	2.100274
467.187525	21.300143	1079.268	
0.25000	7.357406	293.850566	2.100274
467.201597	25.605457	966.954258	
0.50000	7.357406	293.859088	2.100274
467.217141	31.438934	903.263598	
0.75000	7.357406	293.867941	2.100274
467.233785	38.472276	911.693672	
1.00000	7.357406	293.876998	2.100274
467.251194	46.242777	955.174429	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.094110	-82.901984	-7.409759
-165.336510	-22.738767	-1768.992	
0.25000	-7.094110	-82.895505	-7.409759
-165.317463	-19.359001	-1928.957	
0.50000	-7.094110	-82.889407	-7.409759
-165.299355	-17.294414	-2129.505	
0.75000	-7.094110	-82.883820	-7.409759
-165.282539	-18.087271	-2367.256	
1.00000	-7.094110	-82.878854	-7.409759
-165.267313	-19.778479	-2639.397	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.541115	312.604041	1.938527
699.135060	51.442974	1285.119	
0.25000	14.541115	312.611284	1.938527
699.147725	57.252829	1177.555	
0.50000	14.541115	312.618954	1.938527
699.161714	64.964922	1120.729	
0.75000	14.541115	312.626922	1.938527
699.176694	74.502294	1136.061	
1.00000	14.541115	312.635073	1.938527
699.192362	85.843992	1189.392	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.967110	-114.750484	-11.933576
-303.192403	-34.566718	-2138.063	
0.25000	-13.967110	-114.744653	-11.933576
-303.175260	-27.040971	-2269.211	
0.50000	-13.967110	-114.739165	-11.933576
-303.158963	-21.331022	-2443.455	
0.75000	-13.967110	-114.734137	-11.933576
-303.143829	-18.995814	-2662.905	
1.00000	-13.967110	-114.729667	-11.933576
-303.130126	-20.131911	-2911.947	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.570156	502.174063	6.465496
697.325096	59.192000	1809.795	
0.25000	19.570156	520.615766	6.465496
697.334705	60.141323	1681.881	
0.50000	19.570156	540.073199	6.465496
697.778893	63.278056	1586.927	
0.75000	19.570156	560.212387	6.465496
701.519471	69.449665	1543.990	
1.00000	19.570156	580.710704	6.465496
724.306868	78.731328	1528.773	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.676281	-188.356544	-10.118376
-585.721706	-59.647824	-2727.922	
0.25000	-18.676281	-174.994411	-10.118376
-557.186767	-55.530629	-2995.434	
0.50000	-18.676281	-162.376856	-10.118376
-528.280443	-53.310749	-3326.945	
0.75000	-18.676281	-150.800505	-10.118376
-516.115422	-54.442548	-3719.205	
1.00000	-18.676281	-140.545809	-10.118376
-510.457180	-59.311642	-4162.602	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.741848	396.064420	7.808931
240.715975	29.079615	1176.290	
0.25000	12.741848	420.559663	7.808931
240.715975	23.508144	1089.760	
0.50000	12.741848	446.299348	7.808931
240.715975	18.767819	1000.317	
0.75000	12.741848	472.828930	7.808931
240.715975	15.379723	911.178558	
1.00000	12.741848	499.694324	7.808931
240.715975	13.458706	827.791338	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.260130	-121.241762	-0.711226
-568.054816	-52.824773	-1481.439	
0.25000	-12.260130	-105.647298	-0.711226
-572.392624	-56.018982	-1752.616	
0.50000	-12.260130	-90.852767	-0.711226
-576.730433	-59.887506	-2059.923	
0.75000	-12.260130	-77.254754	-0.711226
-581.068241	-64.510704	-2406.308	
1.00000	-12.260130	-65.266493	-0.711226
-585.405962	-69.875436	-2795.512	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.018426	598.009348	12.370900
385.897628	39.400113	1825.366	
0.25000	17.018426	626.027600	12.370900
385.897628	32.287290	1666.213	
0.50000	17.018426	655.503125	12.370900
385.897628	27.249478	1524.029	
0.75000	17.018426	685.910331	12.370900
385.897628	23.724444	1415.980	
1.00000	17.018426	716.737031	12.370900
385.897628	21.881188	1338.076	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.832156	-172.444471	-0.974270
-671.356311	-72.948112	-2450.587	
0.25000	-15.832156	-154.052955	-0.974270
-671.836216	-79.141716	-2845.143	
0.50000	-15.832156	-136.625651	-0.974270
-672.316121	-87.040810	-3296.463	
0.75000	-15.832156	-120.615483	-0.974270
-672.796026	-96.605109	-3805.917	
1.00000	-15.832156	-106.475071	-0.974270
-673.275921	-107.170320	-4380.790	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.664089	643.566825	9.946346
565.481362	41.500336	2062.029	
0.25000	17.664089	669.217582	9.946346
565.481362	37.762919	1881.772	
0.50000	17.664089	696.193272	9.946346
565.481362	35.968252	1737.074	
0.75000	17.664089	724.030593	9.946346
565.481362	35.887440	1651.092	
1.00000	17.664089	752.254730	9.946346
565.481362	37.839252	1598.637	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.722082	-191.173925	-4.529111
-664.331020	-70.006806	-2912.722	
0.25000	-16.722082	-174.275966	-4.529111
-664.247461	-72.140604	-3326.869	
0.50000	-16.722082	-158.266963	-4.529111
-664.163903	-75.743287	-3808.089	
0.75000	-16.722082	-143.560169	-4.529111
-664.080344	-81.276496	-4357.626	
1.00000	-16.722082	-130.569614	-4.529111
-663.996787	-88.429594	-4979.267	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.563580	583.690427	8.308549
704.465678	58.077631	1988.537	
0.25000	20.563580	605.072349	8.308549
704.465678	58.310884	1830.239	
0.50000	20.563580	627.559206	8.308549
704.465678	61.003682	1710.048	
0.75000	20.563580	650.764934	8.308549
704.465678	66.485917	1645.904	
1.00000	20.563580	674.292754	8.308549
704.465678	74.333780	1615.656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1607

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.890690	-191.893114	-9.918032
-667.702385	-69.573181	-2916.003	
0.25000	-19.890690	-177.805410	-9.918032
-667.615322	-66.706470	-3256.765	
0.50000	-19.890690	-164.458463	-9.918032
-667.528259	-65.929138	-3662.248	
0.75000	-19.890690	-152.196649	-9.918032
-667.441196	-69.363312	-4132.330	
1.00000	-19.890690	-141.366154	-9.918032
-667.354135	-75.176301	-4668.765	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.096333	529.786978	10.510246
594.075590	46.160976	1889.378	
0.25000	15.096333	556.010860	10.510246
594.094789	48.196189	1537.819	
0.50000	15.096333	583.592809	10.510246
594.124607	50.430088	1222.472	
0.75000	15.096333	611.989926	10.510246
607.396233	52.924720	959.365220	
1.00000	15.096333	640.773038	10.510246
636.907892	56.339663	741.756118	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.337551	-156.904555	-9.839366
-550.024034	-51.470587	-1979.047	
0.25000	-15.337551	-130.715737	-9.839366
-550.024034	-48.062627	-2108.126	
0.50000	-15.337551	-105.584548	-9.839366
-550.024034	-50.946950	-2237.296	
0.75000	-15.337551	-83.917341	-9.839366
-550.024034	-54.832765	-2367.567	
1.00000	-15.337551	-72.217630	-9.839366
-550.024034	-59.241193	-2497.934	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.563580	643.566825	12.370900
746.248246	66.949371	2062.029	
0.25000	20.563580	669.217582	12.370900
746.652714	72.372511	1881.772	
0.50000	20.563580	696.193272	12.370900
752.356563	79.279114	1737.074	
0.75000	20.563580	724.030593	12.370900
772.666142	88.361001	1651.092	
1.00000	20.563580	752.254730	12.370900
793.924981	98.793538	1615.656	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.890690	-191.893114	-12.692092
-671.356311	-72.948112	-2916.003	
0.25000	-19.890690	-177.805410	-12.692092
-671.836216	-79.141716	-3326.869	
0.50000	-19.890690	-164.458463	-12.692092
-672.316121	-87.040810	-3808.089	
0.75000	-19.890690	-152.196649	-12.692092
-672.796026	-96.605109	-4357.626	
1.00000	-19.890690	-141.366154	-12.692092
-673.275921	-107.170320	-4979.267	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.563580	643.566825	12.370900
746.248246	66.949371	2062.029	
0.25000	20.563580	669.217582	12.370900
746.652714	72.372511	1881.772	
0.50000	20.563580	696.193272	12.370900
752.356563	79.279114	1737.074	
0.75000	20.563580	724.030593	12.370900
772.666142	88.361001	1651.092	
1.00000	20.563580	752.254730	12.370900
793.924981	98.793538	1615.656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1608

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.890690	-191.893114	-12.692092
-671.356311	-72.948112	-2916.003	
0.25000	-19.890690	-177.805410	-12.692092
-671.836216	-79.141716	-3326.869	
0.50000	-19.890690	-164.458463	-12.692092
-672.316121	-87.040810	-3808.089	
0.75000	-19.890690	-152.196649	-12.692092
-672.796026	-96.605109	-4357.626	
1.00000	-19.890690	-141.366154	-12.692092
-673.275921	-107.170320	-4979.267	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.563580	643.566825	12.370900
746.248246	66.949371	2062.029	
0.25000	20.563580	669.217582	12.370900
746.652714	72.372511	1881.772	
0.50000	20.563580	696.193272	12.370900
752.356563	79.279114	1737.074	
0.75000	20.563580	724.030593	12.370900
772.666142	88.361001	1651.092	
1.00000	20.563580	752.254730	12.370900
793.924981	98.793538	1615.656	

REL DIST P V2 V3
T M2 M3
0.00000 20.563580 643.566825 12.370900
746.248246 66.949371 2062.029
0.25000 20.563580 669.217582 12.370900
746.652714 72.372511 1881.772
0.50000 20.563580 696.193272 12.370900
752.356563 79.279114 1737.074
0.75000 20.563580 724.030593 12.370900
772.666142 88.361001 1651.092
1.00000 20.563580 752.254730 12.370900
793.924981 98.793538 1615.656

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.890690	-191.893114	-12.692092
-671.356311	-72.948112	-2916.003	
0.25000	-19.890690	-177.805410	-12.692092
-671.836216	-79.141716	-3326.869	
0.50000	-19.890690	-164.458463	-12.692092
-672.316121	-87.040810	-3808.089	
0.75000	-19.890690	-152.196649	-12.692092
-672.796026	-96.605109	-4357.626	
1.00000	-19.890690	-141.366154	-12.692092
-673.275921	-107.170320	-4979.267	

ELEM 132 ========== LENGTH = 3.450336

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.825709	32.172877	2.823753
243.627123	30.578504	192.679319	
0.25000	7.825709	32.182533	2.823753
243.652211	29.337970	192.271692	
0.50000	7.825709	32.192288	2.823753
243.677737	28.307842	199.548274	
0.75000	7.825709	32.202092	2.823753
243.703801	27.290232	216.635346	
1.00000	7.825709	32.211743	2.823753
243.729934	26.372976	233.722364	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.049067	-43.055154	-3.319180
-191.859876	-7.778125	-308.282888	
0.25000	-8.049067	-43.045782	-3.319180
-191.831496	-7.206123	-277.365315	
0.50000	-8.049067	-43.036713	-3.319180
-191.804391	-6.766379	-247.427311	
0.75000	-8.049067	-43.029992	-3.319180
-191.778623	-6.825363	-218.723492	
1.00000	-8.049067	-43.027688	-3.319180
-191.755849	-7.090256	-210.342320	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.614564	79.762159	3.022516
429.218158	57.954999	364.000593	
0.25000	12.614564	79.771811	3.022516
429.243205	57.404349	365.513985	
0.50000	12.614564	79.781562	3.022516
429.268692	56.940420	383.120552	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1609

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	12.614564	79.791362	3.022516
429.294717	56.790795	416.077069	
1.00000	12.614564	79.801010	3.022516
429.320763	56.932365	449.034042	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.958068	-77.567218	-7.323572
-327.559215	-6.040848	-707.435535	
0.25000	-12.958068	-77.557802	-7.323572
-327.530876	-5.095799	-658.356998	
0.50000	-12.958068	-77.548789	-7.323572
-327.503843	-4.967625	-610.987518	
0.75000	-12.958068	-77.542106	-7.323572
-327.478112	-4.843354	-565.615275	
1.00000	-12.958068	-77.539843	-7.323572
-327.455370	-4.722689	-556.488420	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.985602	170.634624	3.050348
536.777478	52.884882	524.849476	
0.25000	12.985602	170.643312	3.050348
536.800028	52.396678	531.459616	
0.50000	12.985602	170.652088	3.050348
536.822973	52.063933	563.251679	
0.75000	12.985602	170.660952	3.050348
536.846403	52.027796	612.018203	
1.00000	12.985602	170.669592	3.050348
536.869859	52.249677	660.780227	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.316338	-89.528535	-6.953350
-393.116082	-6.370048	-1286.846	
0.25000	-13.316338	-89.520060	-6.953350
-393.090570	-4.997726	-1246.485	
0.50000	-13.316338	-89.511947	-6.953350
-393.066227	-4.654382	-1208.159	
0.75000	-13.316338	-89.505926	-6.953350
-393.043063	-4.517719	-1172.079	
1.00000	-13.316338	-89.503881	-6.953350
-393.022589	-4.382604	-1183.699	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.728857	351.469579	5.098289
566.546138	48.282456	653.487865	
0.25000	14.728857	360.519301	5.098289
566.540280	47.979441	636.706712	
0.50000	14.728857	369.683311	5.098289
577.871345	47.714812	670.046915	
0.75000	14.728857	378.911310	5.098289
595.549965	47.740191	728.342924	
1.00000	14.728857	388.007214	5.098289
612.100667	47.981500	786.638934	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.979440	-114.598001	-6.482376
-503.929047	-25.508970	-1840.258	
0.25000	-14.979440	-105.947605	-6.482376
-486.889985	-24.540933	-1846.817	
0.50000	-14.979440	-99.249964	-6.482376
-469.324223	-24.597789	-1855.071	
0.75000	-14.979440	-95.219998	-6.482376
-453.670411	-24.970227	-1865.238	
1.00000	-14.979440	-95.219998	-6.482376
-453.670411	-26.392498	-1926.655	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.439360	73.213271	0.078957
202.482274	25.213304	209.770574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1610

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	4.439360	73.319475	0.078957
202.756868	25.538401	213.043919	
0.50000	4.439360	73.426761	0.078957
203.038678	26.589491	227.134255	
0.75000	4.439360	73.534582	0.078957
203.325215	27.600032	246.852732	
1.00000	4.439360	73.640732	0.078957
203.612293	28.832636	266.571208	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.533664	-37.220268	-3.961369
-144.290158	-1.617944	-560.081430	
0.25000	-4.533664	-37.116652	-3.961369
-143.978160	-1.560406	-546.577654	
0.50000	-4.533664	-37.017475	-3.961369
-143.680325	-1.503080	-533.674192	
0.75000	-4.533664	-36.943708	-3.961369
-143.397037	-1.449637	-521.340425	
1.00000	-4.533664	-36.918542	-3.961369
-143.146661	-1.408911	-527.572960	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.242708	221.766187	1.384023
373.361418	23.843381	430.445250	
0.25000	6.242708	221.775841	1.384023
373.386482	24.690300	440.298497	
0.50000	6.242708	221.785594	1.384023
373.411984	25.623322	473.732628	
0.75000	6.242708	221.795395	1.384023
373.438025	26.745782	515.082922	
1.00000	6.242708	221.805044	1.384023
373.464106	28.098808	556.433215	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.345742	-57.463739	-3.717040
-258.146793	-11.305987	-1363.677	
0.25000	-6.345742	-57.454321	-3.717040
-258.118438	-11.092748	-1367.220	
0.50000	-6.345742	-57.445306	-3.717040
-258.091376	-11.647769	-1371.658	
0.75000	-6.345742	-57.438608	-3.717040
-258.065630	-12.269227	-1377.004	
1.00000	-6.345742	-57.436328	-3.717040
-258.042875	-12.936078	-1416.694	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.553311	228.870829	2.589746
529.139749	46.824520	545.151408	
0.25000	11.553311	228.879518	2.589746
529.162307	46.805010	554.237724	
0.50000	11.553311	228.888295	2.589746
529.185259	46.814790	591.307358	
0.75000	11.553311	228.897116	2.589746
529.208696	47.215860	642.678832	
1.00000	11.553311	228.905801	2.589746
529.232168	47.744789	694.050305	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.817676	-85.944871	-6.431099
-381.725833	-12.175585	-1506.233	
0.25000	-11.817676	-85.936394	-6.431099
-381.709313	-12.129047	-1485.397	
0.50000	-11.817676	-85.928281	-6.431099
-381.675957	-12.559836	-1466.084	
0.75000	-11.817676	-85.922252	-6.431099
-381.652786	-13.050489	-1448.403	
1.00000	-11.817676	-85.920201	-6.431099
-381.632307	-13.582047	-1477.922	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1611

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.164708	452.057196	5.236949
576.132747	42.976248	702.294532	
0.25000	15.164708	465.984832	5.236949
576.132747	43.015293	662.123720	
0.50000	15.164708	480.134727	5.236949
576.132747	43.161484	700.761133	
0.75000	15.164708	494.421466	5.236949
576.132747	43.469667	761.882373	
1.00000	15.164708	508.526552	5.236949
578.773624	43.966966	823.003612	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.329614	-109.261108	-6.567040
-523.294552	-32.933361	-2110.835	
0.25000	-15.329614	-99.363517	-6.567040
-505.655333	-32.115349	-2151.671	
0.50000	-15.329614	-92.693770	-6.567040
-505.655333	-31.937525	-2193.800	
0.75000	-15.329614	-92.693770	-6.567040
-505.655333	-32.250611	-2237.296	
1.00000	-15.329614	-92.693770	-6.567040
-505.655333	-34.210124	-2331.613	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.603819	431.677097	5.091929
294.633720	6.347833	381.833339	
0.25000	9.603819	449.572133	5.091929
294.633720	6.418899	294.227322	
0.50000	9.603819	467.882304	5.091929
294.633720	6.489605	322.550339	
0.75000	9.603819	486.465230	5.091929
294.633720	6.560865	350.938737	
1.00000	9.603819	504.866958	5.091929
294.633720	6.632532	379.327136	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.486928	-32.930166	-2.616443
-408.954764	-38.167657	-1372.817	
0.25000	-9.486928	-32.930166	-2.616443
-408.954764	-37.440325	-1477.227	
0.50000	-9.486928	-32.930166	-2.616443
-408.954764	-36.785500	-1582.098	
0.75000	-9.486928	-32.930166	-2.616443
-408.954764	-36.959643	-1687.105	
1.00000	-9.486928	-32.930166	-2.616443
-408.954764	-39.232804	-1809.836	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.291891	610.052826	7.407727
443.956897	11.182953	598.554253	
0.25000	12.291891	631.411241	7.407727
443.956897	11.355032	508.028866	
0.50000	12.291891	653.208673	7.407727
443.956897	11.527269	550.203970	
0.75000	12.291891	675.297970	7.407727
443.956897	11.706485	598.599219	
1.00000	12.291891	697.155167	7.407727
443.956897	11.894125	646.994468	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.183371	-61.025613	-3.055669
-522.840137	-59.011419	-2169.167	
0.25000	-12.183371	-56.396122	-3.055669
-522.840137	-59.179449	-2301.332	
0.50000	-12.183371	-56.396122	-3.055669
-522.840137	-59.505663	-2433.633	
0.75000	-12.183371	-56.396122	-3.055669
-522.840137	-60.880899	-2566.483	
1.00000	-12.183371	-56.396122	-3.055669
-522.840137	-64.771570	-2731.079	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1612

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.716933	622.153695	6.340372
554.393119	18.632611	726.213193	
0.25000	13.716933	641.742438	6.340372
554.393119	19.098782	647.876326	
0.50000	13.716933	661.728601	6.340372
554.393119	19.646583	699.024458	
0.75000	13.716933	681.979334	6.340372
554.393119	20.247300	760.331319	
1.00000	13.716933	702.015732	6.340372
554.393119	20.916308	821.638181	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.658430	-79.272576	-4.448500
-574.569252	-47.584523	-2498.580	
0.25000	-13.658430	-74.361392	-4.448500
-574.569252	-46.937091	-2611.357	
0.50000	-13.658430	-74.361392	-4.448500
-574.569252	-46.701586	-2724.711	
0.75000	-13.658430	-74.361392	-4.448500
-574.569252	-47.350451	-2839.166	
1.00000	-13.658430	-74.361392	-4.448500
-574.569252	-50.288754	-2997.471	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.021044	548.042169	5.819780
621.858676	38.572309	741.960906	
0.25000	16.021044	564.374103	5.819780
621.858676	38.953940	677.447314	
0.50000	16.021044	581.037208	5.819780
621.858676	39.419234	727.138785	
0.75000	16.021044	597.920792	5.819780
621.858676	40.036306	790.814252	
1.00000	16.021044	614.625628	5.819780
621.858676	40.844801	854.217318	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.100801	-95.151962	-6.837608
-599.408737	-41.283870	-2355.914	
0.25000	-16.100801	-91.035173	-6.837608
-599.408737	-40.417027	-2431.297	
0.50000	-16.100801	-91.035173	-6.837608
-599.408737	-40.154147	-2507.669	
0.75000	-16.100801	-91.035173	-6.837608
-599.408737	-40.628420	-2585.578	
1.00000	-16.100801	-91.035173	-6.837608
-599.408737	-43.011705	-2713.632	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.992506	44.267227	2.817982
334.223384	49.317772	409.045870	
0.25000	11.992506	44.273534	2.817982
334.234918	48.700650	418.607259	
0.50000	11.992506	44.280016	2.817982
334.247074	48.287746	431.783168	
0.75000	11.992506	44.286610	2.817982
334.259661	48.057865	449.144736	
1.00000	11.992506	44.293250	2.817982
334.272601	48.026011	468.565001	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.896844	-72.433550	-3.370570
-286.518435	-9.972610	-547.904415	
0.25000	-10.896844	-72.429150	-3.370570
-286.504809	-9.268271	-534.280216	
0.50000	-10.896844	-72.425018	-3.370570
-286.491879	-8.961331	-522.642972	
0.75000	-10.896844	-72.421217	-3.370570
-286.479761	-9.021693	-513.447273	
1.00000	-10.896844	-72.417785	-3.370570
-286.468559	-9.264105	-506.742866	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1613

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.351840	102.561376	2.898733
575.947543	100.220497	765.302147	
0.25000	18.351840	102.567681	2.898733
575.959044	102.529103	789.881518	
0.50000	18.351840	102.574162	2.898733
575.971168	105.053235	822.210221	
0.75000	18.351840	102.580754	2.898733
575.983722	107.903497	861.364498	
1.00000	18.351840	102.587392	2.898733
575.996628	110.893037	903.682982	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.735339	-131.666885	-7.927520
-473.357774	-10.285484	-1285.550	
0.25000	-17.735339	-131.662491	-7.927520
-473.344180	-9.007884	-1285.587	
0.50000	-17.735339	-131.658364	-7.927520
-473.331281	-8.122069	-1289.950	
0.75000	-17.735339	-131.654568	-7.927520
-473.319191	-7.648059	-1298.070	
1.00000	-17.735339	-131.651142	-7.927520
-473.308012	-7.526916	-1310.461	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.179130	227.523313	2.943970
688.577789	93.507334	1131.400	
0.25000	18.179130	227.704905	2.943970
688.909179	95.519659	1170.996	
0.50000	18.179130	227.891560	2.943970
689.258506	97.823154	1224.258	
0.75000	18.179130	228.081433	2.943970

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689.620212  100.462606  1287.174
 1.00000  18.179130  228.272623  2.943970
689.992057  103.303480  1353.913

 COMB DL-G1-3 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -17.300413  -160.958952  -7.680897
-538.890560  -11.840049  -2469.567
 0.25000  -17.300413  -160.832375  -7.680897
-538.499909  -10.227462  -2557.711
 0.50000  -17.300413  -160.713499  -7.680897
-538.127256  -9.195862  -2655.291
 0.75000  -17.300413  -160.604157  -7.680897
-537.778942  -8.715925  -2759.891
 1.00000  -17.300413  -160.505446  -7.680897
-537.456874  -8.465633  -2869.581

 COMB DL-G1-4 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  20.702362  443.945336  5.095715
714.621086  86.298177  1427.347
 0.25000  20.702362  453.318655  5.095715
728.969315  88.000157  1441.587
 0.50000  20.702362  462.948358  5.095715
744.158463  89.948668  1479.203
 0.75000  20.702362  472.735863  5.095715
759.988235  92.175615  1527.057
 1.00000  20.702362  482.589798  5.095715
776.274818  94.574020  1603.115

 COMB DL-G1-4 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -19.430960  -194.232830  -7.051151
-661.951274  -48.479920  -3564.784
 0.25000  -19.430960  -188.184982  -7.051151
-644.488692  -48.317232  -3795.961
 0.50000  -19.430960  -182.501142  -7.051151
-627.861900  -48.661811  -4045.331
 0.75000  -19.430960  -177.275259  -7.051151
-612.268017  -49.568744  -4312.117
 1.00000  -19.430960  -172.575021  -7.051151
-597.867642  -51.032484  -4594.345
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1614

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  5.630443  88.109603  0.062370
254.163506  47.919859  436.943381
 0.25000  5.630443  88.172654  0.062370
254.278519  50.868210  456.233370
 0.50000  5.630443  88.237463  0.062370
254.399758  53.832789  480.467426
 0.75000  5.630443  88.303388  0.062370
254.525295  57.027102  507.610576
 1.00000  5.630443  88.369771  0.062370
254.654351  60.255139  536.042008

 COMB DL-G2-1 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -6.124325  -63.454598  -4.560243
-187.313111  -2.510965  -1039.105
 0.25000  -6.124325  -63.410658  -4.560243
-187.177175  -2.466239  -1077.009
 0.50000  -6.124325  -63.369391  -4.560243
-187.048179  -2.422333  -1117.728
 0.75000  -6.124325  -63.331434  -4.560243
-186.927283  -2.380579  -1160.657
 1.00000  -6.124325  -63.297167  -4.560243
-186.815498  -2.343111  -1205.166

 COMB DL-G2-2 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  7.832494  284.840899  1.433446
430.504617  46.629438  955.062806
 0.25000  7.832494  284.847205  1.433446
430.516145  49.163846  971.165635
 0.50000  7.832494  284.853687  1.433446
430.528296  51.838638  1018.558
 0.75000  7.832494  284.860281  1.433446
430.540877  54.657479  1076.435
 1.00000  7.832494  284.866921  1.433446
430.553811  57.548511  1138.044

 COMB DL-G2-2 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -7.628576  -108.848705  -4.403466
-304.197451  -20.179179  -2640.057
 0.25000  -7.628576  -108.844306  -4.403466
-304.183830  -20.332027  -2803.125
 0.50000  -7.628576  -108.840174  -4.403466
-304.170905  -20.748518  -2977.713
 0.75000  -7.628576  -108.836374  -4.403466
-304.158792  -21.477039  -3162.005
 1.00000  -7.628576  -108.832944  -4.403466
-304.147594  -22.257399  -3351.152

 COMB DL-G2-3 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  15.751029  295.140151  2.455979
649.982740  86.983551  1189.240
 0.25000  15.751029  295.145827  2.455979
649.993116  90.055180  1213.806
 0.50000  15.751029  295.151661  2.455979
650.004052  93.309974  1269.650
 0.75000  15.751029  295.157595  2.455979
650.015375  96.757520  1337.843
 1.00000  15.751029  295.163571  2.455979
650.027016  100.257356  1410.198

 COMB DL-G2-3 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -15.226026  -156.229967  -7.242003
-493.679037  -21.273705  -2912.536
 0.25000  -15.226026  -156.226008  -7.242003
-493.666778  -21.239807  -3039.409
 0.50000  -15.226026  -156.222289  -7.242003
-493.655146  -21.615889  -3178.279
 0.75000  -15.226026  -156.218869  -7.242003
-493.644244  -22.178261  -3335.172
 1.00000  -15.226026  -156.215782  -7.242003
-493.634166  -22.767169  -3503.613
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1615

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  20.686916  569.607460  5.093059
724.164252  80.385055  1528.628
 0.25000  20.686916  584.241641  5.093059
725.153753  82.903789  1530.935
 0.50000  20.686916  599.262229  5.093059
727.197303  85.566291  1554.815
 0.75000  20.686916  614.514872  5.093059
730.301773  88.372641  1595.829
 1.00000  20.686916  629.849036  5.093059
747.189616  91.246324  1679.271

 COMB DL-G2-4 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -19.853966  -194.215300  -7.115411
-686.167664  -60.957347  -4162.599
 0.25000  -19.853966  -185.868657  -7.115411
-665.172349  -61.718711  -4477.095
 0.50000  -19.853966  -178.032521  -7.115411
-655.345252  -62.688001  -4815.122
 0.75000  -19.853966  -170.839984  -7.115411
-651.535179  -64.142615  -5182.399
 1.00000  -19.853966  -166.637228  -7.115411
-648.769974  -66.176166  -5575.875

 COMB DL-G3-1 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  12.960434  549.054680  4.994672
399.581717  14.353363  827.929554
 0.25000  12.960434  568.747079  4.994672
399.581717  13.262629  781.290730
 0.50000  12.960434  588.939404  4.994672
399.581717  12.894368  740.222216
 0.75000  12.960434  609.406935  4.994672
399.566570  12.698425  740.739959
 1.00000  12.960434  629.893769  4.994672
398.991760  12.627077  782.246160

 COMB DL-G3-1 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -12.526693  -73.657939  -2.329635
-522.892373  -71.047744  -2794.466
 0.25000  -12.526693  -65.099614  -2.329635
-525.920879  -71.702331  -3154.487
 0.50000  -12.526693  -58.250230  -2.329635
-528.967279  -72.567025  -3538.736
 0.75000  -12.526693  -57.744224  -2.329635
-531.989533  -73.897289  -3948.691
 1.00000  -12.526693  -57.666500  -2.329635
-534.452124  -76.131816  -4386.013

 COMB DL-G3-2 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  17.179719  777.274358  7.507714
558.932125  23.363846  1338.154
 0.25000  17.179719  799.741554  7.507714
558.932125  22.915351  1272.427
 0.50000  17.179719  822.776980  7.507714
558.932125  22.692693  1243.070
 0.75000  17.179719  846.141208  7.507714
558.932125  22.653854  1261.441
 1.00000  17.179719  869.588037  7.507714
558.926530  22.701768  1332.546

 COMB DL-G3-2 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -16.032090  -126.752667  -2.824838
-650.216825  -108.689953  -4379.767
 0.25000  -16.032090  -116.312050  -2.824838
-650.552873  -111.037409  -4881.207
 0.50000  -16.032090  -106.491181  -2.824838
-650.888910  -113.661689  -5410.399
 0.75000  -16.032090  -103.443372  -2.824838
-651.224947  -116.798836  -5961.973
 1.00000  -16.032090  -103.190484  -2.824838
-651.555411  -120.892217  -6576.674
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1616

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  18.129295  789.990950  6.348344
691.364245  39.216665  1598.652
 0.25000  18.129295  810.547088  6.348344
691.364245  39.948292  1561.434
 0.50000  18.129295  831.623500  6.348344
691.364245  41.080617  1557.445
 0.75000  18.129295  853.001686  6.348344
691.364245  42.399769  1597.540
 1.00000  18.129295  874.456711  6.348344
691.365039  43.794884  1686.653

 COMB DL-G3-3 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -17.266921  -160.398489  -4.666724
-716.206565  -89.799795  -4978.737
 0.25000  -17.266921  -150.763994  -4.666724
-716.148054  -91.128203  -5481.082
 0.50000  -17.266921  -141.704960  -4.666724
-716.089545  -92.968212  -6017.068
 0.75000  -17.266921  -138.464324  -4.666724
-716.031036  -95.279480  -6586.910
 1.00000  -17.266921  -138.210901  -4.666724
-715.972967  -98.455703  -7187.941

 COMB DL-G3-4 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  21.547062  695.971347  5.724540
789.817391  75.937845  1615.640
 0.25000  21.547062  713.106577  5.724540
789.817391  78.329682  1595.523
 0.50000  21.547062  730.675493  5.724540
789.817391  81.086947  1605.686
 0.75000  21.547062  748.496002  5.724540
789.817391  84.047125  1654.761
 1.00000  21.547062  766.380615  5.724540
789.818418  87.072139  1745.336

 COMB DL-G3-4 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -20.965394  -183.550146  -7.401853
-769.819067  -76.890946  -4668.449
 0.25000  -20.965394  -175.516375  -7.401853
-769.758102  -77.807167  -5080.491
 0.50000  -20.965394  -167.962480  -7.401853
-769.697139  -79.225776  -5526.453
 0.75000  -20.965394  -165.021449  -7.401853
-769.636176  -81.057786  -5996.682
 1.00000  -20.965394  -165.034066  -7.401853
-769.575865  -83.610299  -6498.927

 COMB DB ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  16.021044  622.153695  7.407727
621.858676  57.954999  741.960906
 0.25000  16.021044  641.742438  7.407727
621.858676  57.404349  677.447314
 0.50000  16.021044  661.728601  7.407727
621.858676  56.940420  727.138785
 0.75000  16.021044  681.979334  7.407727
621.858676  56.790795  790.678052
 1.00000  16.021044  702.015732  7.407727
621.858676  56.932365  854.217318

 COMB DB ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -16.100801  -114.598001  -7.323572
-599.408737  -59.011419  -2498.580
 0.25000  -16.100801  -105.947605  -7.323572
-599.408737  -59.179449  -2611.357
 0.50000  -16.100801  -99.249964  -7.323572
-599.408737  -59.505663  -2724.711
 0.75000  -16.100801  -95.219998  -7.323572
-599.408737  -60.880899  -2839.166
 1.00000  -16.100801  -95.219998  -7.323572
-599.408737  -64.771570  -2997.471
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1617

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  21.547062  789.990950  7.507714
789.817391  100.220497  1615.640
 0.25000  21.547062  810.547088  7.507714
789.817391  102.529103  1595.523
 0.50000  21.547062  831.623500  7.507714
789.817391  105.053235  1605.686
 0.75000  21.547062  853.001686  7.507714
789.817391  107.903497  1654.761
 1.00000  21.547062  874.456711  7.507714
789.818418  110.893037  1745.336

 COMB DL ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -20.965394  -194.232830  -7.927520
-769.819067  -108.689953  -4978.737
 0.25000  -20.965394  -188.184982  -7.927520
-769.758102  -111.037409  -5481.082
 0.50000  -20.965394  -182.501142  -7.927520
-769.697139  -113.661689  -6017.068
 0.75000  -20.965394  -177.275259  -7.927520
-769.636176  -116.798836  -6586.910
 1.00000  -20.965394  -172.575021  -7.927520
-769.575865  -120.892217  -7187.941

 COMB CAR ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  21.547062  789.990950  7.507714
789.817391  100.220497  1615.640
 0.25000  21.547062  810.547088  7.507714
789.817391  102.529103  1595.523
 0.50000  21.547062  831.623500  7.507714
789.817391  105.053235  1605.686
 0.75000  21.547062  853.001686  7.507714
789.817391  107.903497  1654.761
 1.00000  21.547062  874.456711  7.507714
789.818418  110.893037  1745.336

 COMB CAR ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -20.965394  -194.232830  -7.927520
-769.819067  -108.689953  -4978.737
 0.25000  -20.965394  -188.184982  -7.927520
-769.758102  -111.037409  -5481.082
 0.50000  -20.965394  -182.501142  -7.927520
-769.697139  -113.661689  -6017.068
 0.75000  -20.965394  -177.275259  -7.927520
-769.636176  -116.798836  -6586.910
 1.00000  -20.965394  -172.575021  -7.927520
-769.575865  -120.892217  -7187.941

 COMB DESIGN ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  21.547062  789.990950  7.507714
789.817391  100.220497  1615.640
 0.25000  21.547062  810.547088  7.507714
789.817391  102.529103  1595.523
 0.50000  21.547062  831.623500  7.507714
789.817391  105.053235  1605.686
 0.75000  21.547062  853.001686  7.507714
789.817391  107.903497  1654.761
 1.00000  21.547062  874.456711  7.507714
789.818418  110.893037  1745.336

 COMB DESIGN ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -20.965394  -194.232830  -7.927520
-769.819067  -108.689953  -4978.737
 0.25000  -20.965394  -188.184982  -7.927520
-769.758102  -111.037409  -5481.082
 0.50000  -20.965394  -182.501142  -7.927520
-769.697139  -113.661689  -6017.068
 0.75000  -20.965394  -177.275259  -7.927520
-769.636176  -116.798836  -6586.910
 1.00000  -20.965394  -172.575021  -7.927520
-769.575865  -120.892217  -7187.941
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1618

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

ELEM  133 ========== LENGTH =  3.448999

 COMB DB-G1-1 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  8.475112  42.113150  3.300898
192.545287  27.887109  233.818320
 0.25000  8.475112  42.117246  3.300898
192.568079  26.374819  233.476667
 0.50000  8.475112  42.123936  3.300898
192.593857  25.578314  233.135255
 0.75000  8.475112  42.132962  3.300898
192.620945  26.573907  232.793861
 1.00000  8.475112  42.142391  3.300898
192.649335  27.688046  232.478954

 COMB DB-G1-1 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -8.585373  -30.798128  -2.722857
-243.776600  -7.111190  -210.951347
 0.25000  -8.585373  -30.788461  -2.722857
-243.750470  -6.657877  -237.493654
 0.50000  -8.585373  -30.778641  -2.722857
-243.724407  -6.565880  -265.434471
 0.75000  -8.585373  -30.768689  -2.722857
-243.698882  -6.805170  -294.539197
 1.00000  -8.585373  -30.759194  -2.722857
-243.673794  -7.265018  -324.533957

 COMB DB-G1-2 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  13.665552  76.171991  7.315151
328.472103  58.817493  449.172228
 0.25000  13.665552  76.176046  7.315151
328.494865  55.167976  446.118095
 0.50000  13.665552  76.182698  7.315151
328.520604  53.124505  443.064418
 0.75000  13.665552  76.191718  7.315151
328.547620  53.278491  440.010758
 1.00000  13.665552  76.201141  7.315151
328.575970  53.760008  437.002487

 COMB DB-G1-2 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -13.836553  -77.375898  -2.940685
-429.322767  -6.540356  -557.523107
 0.25000  -13.836553  -77.366234  -2.940685
-429.296724  -6.408383  -599.676536
 0.50000  -13.836553  -77.356418  -2.940685
-429.270699  -6.279505  -643.593065
 0.75000  -13.836553  -77.346650  -2.940685
-429.245214  -6.152435  -689.473003
 1.00000  -13.836553  -77.336979  -2.940685
-429.220168  -6.025524  -736.966715

 COMB DB-G1-3 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  14.106428  88.099687  7.012390
393.672689  54.795111  660.895492
 0.25000  14.106428  88.103344  7.012390
393.693180  51.361841  652.020878
 0.50000  14.106428  88.109338  7.012390
393.716352  49.153193  643.146264
 0.75000  14.106428  88.117457  7.012390
393.740680  49.029246  634.271666
 1.00000  14.106428  88.125939  7.012390
393.766202  49.258654  625.439656

 COMB DB-G1-3 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -14.256117  -167.861882  -2.998992
-536.751682  -5.809146  -1184.869
 0.25000  -14.256117  -167.853184  -2.998992
-536.728228  -5.692303  -1217.695
 0.50000  -14.256117  -167.844349  -2.998992
-536.704799  -5.576625  -1251.940
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1619

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 REL DIST  P  V2  V3
  T  M2  M3
 0.75000  -14.256117  -167.835557  -2.998992
-536.681855  -5.461024  -1288.303
 1.00000  -14.256117  -167.826853  -2.998992
-536.659306  -5.595128  -1326.391

 COMB DB-G1-4 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  15.811309  91.336572  6.458652
454.130479  50.246704  786.685542
 0.25000  15.811309  92.031580  6.458652
454.130479  47.368812  771.663208
 0.50000  15.811309  97.135216  6.458652
469.794126  45.513874  756.640874
 0.75000  15.811309  103.810460  6.458652
487.364119  45.398975  741.639589
 1.00000  15.811309  112.468680  6.458652
504.407436  45.579510  747.228138

 COMB DB-G1-4 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -15.836045  -385.595404  -5.007796
-612.162805  -27.899848  -1927.294
 0.25000  -15.836045  -376.484094  -5.007796
-595.602025  -27.508477  -1914.045
 0.50000  -15.836045  -367.240149  -5.007796
-577.909812  -27.151482  -1902.052
 0.75000  -15.836045  -358.059511  -5.007796
-565.702476  -26.879106  -1899.908
 1.00000  -15.836045  -348.992270  -5.007796
-566.793125  -26.605452  -1883.204

 COMB DB-G2-1 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  4.824396  36.566947  3.993369
143.207577  29.077195  266.600296
 0.25000  4.824396  36.611823  3.993369
143.458158  26.765029  262.096868
 0.50000  4.824396  36.685247  3.993369
143.741538  25.420617  257.593440
 0.75000  4.824396  36.785503  3.993369
144.039196  24.388110  253.090236
 1.00000  4.824396  36.888202  3.993369
144.351311  23.538101  248.803428

 COMB DB-G2-1 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -4.866204  -72.606672  -0.137295
-203.509935  -1.868441  -528.009422
 0.25000  -4.866204  -72.500346  -0.137295
-203.222892  -1.775576  -539.078551
 0.50000  -4.866204  -72.392343  -0.137295
-202.936364  -1.684426  -550.629317
 0.75000  -4.866204  -72.284869  -0.137295
-202.655768  -1.593407  -562.696660
 1.00000  -4.866204  -72.178466  -0.137295
-202.379980  -1.502572  -575.516310

 COMB DB-G2-2 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  6.744228  55.664995  3.762233
257.742946  29.171553  556.431892
 0.25000  6.744228  55.669067  3.762233
257.765720  27.282176  544.040334
 0.50000  6.744228  55.675734  3.762233
257.791474  25.766130  531.648777
 0.75000  6.744228  55.684756  3.762233
257.818520  24.442218  519.257259
 1.00000  6.744228  55.694182  3.762233
257.846886  23.378839  506.885418

 COMB DB-G2-2 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -6.729910  -220.320948  -1.429048
-373.270389  -13.067455  -1417.224
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

Page
<  MOVING  LOAD  >
1620

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 REL DIST  P  V2  V3
  T  M2  M3
 0.25000  -6.729910  -220.311283  -1.429048
-373.244312  -12.374185  -1441.312
 0.50000  -6.729910  -220.301465  -1.429048
-373.218272  -11.720089  -1403.706
 0.75000  -6.729910  -220.291696  -1.429048
-373.192771  -11.112150  -1397.875
 1.00000  -6.729910  -220.282023  -1.429048
-373.167708  -10.504436  -1392.734

 COMB DB-G2-3 ------------------- MAX

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  12.500651  83.646948  6.457028
381.895344  49.895081  694.117853
 0.25000  12.500651  83.650613  6.457028
381.915840  46.548253  682.117484
 0.50000  12.500651  83.656613  6.457028
381.939019  44.680164  670.117115
 0.75000  12.500651  83.664733  6.457028
381.963360  44.177412  658.117796
 1.00000  12.500651  83.673216  6.457028
381.988889  43.963985  646.180572

 COMB DB-G2-3 ------------------- MIN

 REL DIST  P  V2  V3
  T  M2  M3
 0.00000  -12.574773  -226.448898  -2.554988
-529.081083  -14.636963  -1478.887
 0.25000  -12.574773  -226.440189  -2.554988
-529.057613  -13.977523  -1493.529
```

0.50000 -12.574773 -226.431353 -2.554988
-529.034177 -13.353246 -1509.430
0.75000 -12.574773 -226.422561 -2.554988
-529.011226 -12.770685 -1526.778
1.00000 -12.574773 -226.413856 -2.554988
-528.988669 -12.188294 -1545.512

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.199776 88.105637 6.526378
505.927895 45.914216 822.999228
0.25000 16.199776 88.105637 6.526378
505.927895 43.136199 804.620630
0.50000 16.199776 90.032077 6.526378
505.927895 41.585375 786.245983
0.75000 16.199776 97.583629 6.526378
505.927895 41.172972 767.904563
1.00000 16.199776 107.560936 6.526378
523.587033 40.998885 785.718923

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.147343 -506.433875 -5.157878
-578.910699 -35.629001 -2331.769
0.25000 -16.147343 -492.304049 -5.157878
-576.572571 -35.412173 -2285.461
0.50000 -16.147343 -477.991751 -5.157878
-576.572571 -35.263169 -2240.178
0.75000 -16.147343 -463.851578 -5.157878
-576.572571 -35.169363 -2196.123
1.00000 -16.147343 -449.859404 -5.157878
-576.572571 -35.121955 -2153.252

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.036548 28.682576 2.526309
409.019338 6.861895 379.227150
0.25000 10.036548 28.682576 2.526309
409.019338 6.847414 365.930168
0.50000 10.036548 28.682576 2.526309
409.019338 6.834706 352.656694
0.75000 10.036548 28.682576 2.526309
409.019338 6.822425 339.408316
1.00000 10.036548 30.738957 2.526309
409.019338 6.810349 384.014340
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1621

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.826457 -504.713820 -5.023834
-295.415740 -39.978879 -1808.540
0.25000 -9.826457 -486.277747 -5.023834
-295.415740 -40.260354 -1703.097
0.50000 -9.826457 -467.659389 -5.023834
-295.415740 -40.605562 -1597.654
0.75000 -9.826457 -449.312166 -5.023834
-295.415740 -41.044378 -1492.699
1.00000 -9.826457 -431.377453 -5.023834
-295.415740 -41.574331 -1387.837

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.842645 49.070195 2.881582
522.663374 12.300041 646.853395
0.25000 12.842645 49.070195 2.881582
522.663374 12.256633 625.642247
0.50000 12.842645 49.070195 2.881582
522.663374 12.225691 604.455266
0.75000 12.842645 49.070195 2.881582
522.663374 12.198009 583.305658
1.00000 12.842645 58.558793 2.881582
522.663374 12.176507 627.084507

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.556600 -696.751947 -7.297126
-444.840991 -65.644815 -2729.701
0.25000 -12.556600 -674.854752 -7.297126
-444.840991 -64.923512 -2595.872
0.50000 -12.556600 -652.724077 -7.297126
-444.840991 -64.295054 -2462.469
0.75000 -12.556600 -630.883414 -7.297126
-444.840991 -63.831802 -2329.333
1.00000 -12.556600 -609.479381 -7.297126
-444.840991 -63.449301 -2196.238

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.472778 68.577448 4.390286
574.306121 22.126500 821.522310
0.25000 14.472778 68.577448 4.390286
574.306121 21.135039 797.859356
0.50000 14.472778 68.577448 4.390286
574.306121 20.264956 773.815538
0.75000 14.472778 68.577448 4.390286
574.306121 19.511932 750.005002
1.00000 14.472778 77.930269 4.390286
574.306121 18.881532 785.367958

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.235468 -700.852731 -6.295439
-555.087161 -50.998880 -2996.552
0.25000 -14.235468 -680.779740 -6.295439
-555.087161 -50.797042 -2880.632
0.50000 -14.235468 -660.491144 -6.295439
-555.087161 -50.680713 -2765.222
0.75000 -14.235468 -640.465422 -6.295439
-555.087161 -50.702698 -2650.340
1.00000 -14.235468 -620.835002 -6.295439
-555.087161 -50.796061 -2535.905

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.037730 85.754321 6.782241
599.527100 42.474441 854.169138
0.25000 17.037730 85.754321 6.782241
599.527100 39.935019 832.916612
0.50000 17.037730 85.754321 6.782241
599.527100 38.521854 811.680020
0.75000 17.037730 85.754321 6.782241
599.527100 37.794984 790.482493
1.00000 17.037730 93.573780 6.782241
599.527100 37.283516 818.620841
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1622

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.905109 -612.764183 -5.757922
-622.421355 -44.306246 -2713.259
0.25000 -16.905109 -596.028842 -5.757922
-622.421355 -44.105280 -2632.904
0.50000 -16.905109 -579.113692 -5.757922
-622.421355 -43.967899 -2553.652
0.75000 -16.905109 -562.417608 -5.757922
-622.421355 -43.945586 -2475.454
1.00000 -16.905109 -546.050931 -5.757922
-622.421355 -43.982802 -2398.108

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.144471 67.610071 3.151160
279.757755 49.566552 468.688532
0.25000 13.144471 67.613505 3.151160
279.768992 48.602234 457.627173
0.50000 13.144471 67.617309 3.151160
279.781110 47.976220 448.028741
0.75000 13.144471 67.621438 3.151160
279.794014 48.187325 439.985957
1.00000 13.144471 67.625844 3.151160
279.807623 48.573738 433.689481

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.941921 -47.569337 -2.706485
-342.159580 -10.092389 -506.808411
0.25000 -11.941921 -47.562703 -2.706485
-342.146646 -9.585059 -510.677307
0.50000 -11.941921 -47.556108 -2.706485
-342.134037 -9.211198 -516.464789
0.75000 -11.941921 -47.549625 -2.706485
-342.121902 -9.162418 -524.499074
1.00000 -11.941921 -47.543320 -2.706485
-342.110361 -9.449794 -534.636606

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.241939 123.559649 7.669296
463.162617 113.012137 903.857577
0.25000 20.241939 123.563078 7.669296
463.173828 108.833837 875.564646
0.50000 20.241939 123.566876 7.669296
463.185918 105.108077 849.904084
0.75000 20.241939 123.570999 7.669296
463.198791 102.311174 827.048069
1.00000 20.241939 123.575400 7.669296
463.212368 99.788841 808.001365

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.490578 -108.676162 -2.908474
-587.556478 -9.335895 -1310.530
0.25000 -19.490578 -108.669529 -2.908474
-587.543577 -9.111363 -1292.314
0.50000 -19.490578 -108.662936 -2.908474
-587.531001 -8.996965 -1277.737
0.75000 -19.490578 -108.656457 -2.908474
-587.518899 -9.018963 -1267.074
1.00000 -19.490578 -108.650151 -2.908474
-587.507391 -9.614043 -1260.690

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.380499 150.471244 7.447743
526.966117 105.605582 1354.075
0.25000 20.380499 150.570037 7.447743
527.289113 101.661276 1305.529
0.50000 20.380499 150.679440 7.447743
527.637455 98.217068 1260.497
0.75000 20.380499 150.798219 7.447743
528.008354 95.706989 1220.705
1.00000 20.380499 150.924987 7.447743
528.399510 93.558265 1188.541
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1623

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.338843 -237.437080 -3.047601
-701.161539 -10.189535 -2869.621
0.25000 -19.338843 -237.246043 -3.047601
-700.789844 -9.975460 -2751.221
0.50000 -19.338843 -237.056146 -3.047601
-700.427503 -9.901930 -2637.582
0.75000 -19.338843 -236.869452 -3.047601
-700.078799 -10.052523 -2531.231
1.00000 -19.338843 -236.687931 -3.047601
-699.747201 -10.769105 -2434.329

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.577716 162.278515 6.774679
590.452306 96.948231 1603.209
0.25000 22.577716 166.983615 6.774679
604.880260 93.568621 1544.887
0.50000 22.577716 172.209006 6.774679
620.476756 90.605245 1514.543
0.75000 22.577716 177.890076 6.774679
637.101912 88.419701 1490.690
1.00000 22.577716 183.944321 6.774679
654.561127 86.537559 1482.403

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.116003 -493.189982 -5.158976
-784.540853 -52.920686 -4594.357
0.25000 -21.116003 -483.335019 -5.158976
-768.255383 -51.338090 -4302.379
0.50000 -21.116003 -473.561102 -5.158976
-752.416930 -49.910838 -4025.659
0.75000 -21.116003 -463.932363 -5.158976
-737.229797 -48.682557 -3766.643
1.00000 -21.116003 -454.557952 -5.158976
-722.898471 -47.953405 -3525.855

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.387267 59.699446 4.534647
183.692153 60.504196 536.086583
0.25000 6.387267 59.733741 4.534647
183.800261 57.327430 514.139199
0.50000 6.387267 59.771719 4.534647
183.925167 54.139651 493.514497
0.75000 6.387267 59.812953 4.534647
184.053900 50.990669 474.391219
1.00000 6.387267 59.856959 4.534647
184.189664 47.874317 457.752354

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.850561 -91.764230 -0.210184
-257.683651 -2.668813 -1205.161
0.25000 -6.850561 -91.690790 -0.210184
-257.554646 -2.559045 -1157.151
0.50000 -6.850561 -91.631966 -0.210184
-257.428889 -2.450360 -1110.712
0.75000 -6.850561 -91.567144 -0.210184
-257.307866 -2.343607 -1066.672
1.00000 -6.850561 -91.504119 -0.210184
-257.192782 -2.251290 -1025.500

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.879285 102.528014 4.341505
300.579383 58.309241 1138.070
0.25000 8.879285 102.531448 4.341505
300.590615 55.353976 1088.830
0.50000 8.879285 102.535250 4.341505
300.602729 52.487191 1043.491
0.75000 8.879285 102.539378 4.341505
300.615628 49.765788 1006.625
1.00000 8.879285 102.543784 4.341505
300.629231 47.229646 992.425155
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1624

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.578135 -292.388765 -1.633901
-433.556573 -22.546271 -3351.116
0.25000 -8.578135 -292.382130 -1.633901
-433.543645 -21.579814 -3154.835
0.50000 -8.578135 -292.375536 -1.633901
-433.531041 -20.640217 -2963.675
0.75000 -8.578135 -292.369053 -1.633901
-433.518912 -19.763132 -2782.546
1.00000 -8.578135 -292.362749 -1.633901
-433.507376 -19.252299 -2612.832

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.574793 146.838433 7.070730
485.566069 102.107065 1410.298
0.25000 17.574793 146.841523 7.070730
485.576179 97.659808 1355.192
0.50000 17.574793 146.844945 7.070730
485.587081 93.667285 1304.344
0.75000 17.574793 146.848660 7.070730
485.598690 90.290816 1262.171
1.00000 17.574793 146.852625 7.070730
485.610933 87.101106 1241.877

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.894451 -304.580045 -2.634287
-658.383649 -24.011337 -3503.610
0.25000 -16.894451 -304.574175 -2.634287
-658.372013 -23.065434 -3326.008
0.50000 -16.894451 -304.568139 -2.634287
-658.360670 -22.139791 -3167.105
0.75000 -16.894451 -304.562305 -2.634287
-658.349753 -21.238273 -3019.037
1.00000 -16.894451 -304.556631 -2.634287
-658.339371 -20.584441 -2882.965

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.369591 155.810889 6.906753
644.254330 93.465359 1679.300
0.25000 22.369591 161.076022 6.906753
647.018239 89.693488 1614.474
0.50000 22.369591 168.275565 6.906753
650.827089 86.303607 1587.056
0.75000 22.369591 176.115098 6.906753
660.038415 83.454726 1576.340
1.00000 22.369591 184.463836 6.906753
681.610667 80.746882 1580.254

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.361695 -640.707450 -5.229385
-752.428511 -67.969328 -5575.867
0.25000 -21.361695 -625.370293 -5.229385
-735.741882 -66.109364 -5172.211
0.50000 -21.361695 -610.111056 -5.229385
-732.638868 -64.284462 -4800.791
0.75000 -21.361695 -595.117519 -5.229385
-730.601915 -62.556472 -4452.709
1.00000 -21.361695 -580.480001 -5.229385
-729.626871 -61.127734 -4128.221

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.242971 53.116595 2.253225
538.231763 13.782015 782.151315
0.25000 13.242971 53.212366 2.253225
535.769455 13.685470 747.100314
0.50000 13.242971 54.028985 2.253225
532.748143 13.729925 745.989779
0.75000 13.242971 62.100201 2.253225
529.711919 13.964552 790.069454
1.00000 13.242971 70.682675 2.253225
526.675596 15.098041 839.693351
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1625

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.743687 -634.451387 -5.006057
-396.118267 -77.191895 -4386.040
0.25000 -12.743687 -613.948098 -5.006057
-396.692183 -75.841124 -3945.145
0.50000 -12.743687 -593.471267 -5.006057
-396.707095 -74.430851 -3531.398
0.75000 -12.743687 -573.280667 -5.006057
-396.707095 -73.267362 -3143.554
1.00000 -12.743687 -553.617659 -5.006057
-396.707095 -72.335857 -2779.980

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.425132 95.785571 2.641166
655.853078 24.220473 1332.420
0.25000 17.425132 96.036660 2.641166
655.522735 23.987534 1272.895
0.50000 17.425132 100.799734 2.641166
655.186828 23.879638 1258.185
0.75000 17.425132 110.637926 2.641166
654.850922 23.988237 1294.927
1.00000 17.425132 121.095684 2.641166
654.515004 24.361035 1361.244

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.141822 -877.726049 -7.494211
-555.593195 -122.389841 -6576.670
0.25000 -16.141822 -854.276963 -7.494211
-555.598781 -118.984880 -5970.800
0.50000 -16.141822 -830.998433 -7.494211
-555.598781 -115.701964 -5398.565
0.75000 -16.141822 -807.869210 -7.494211
-555.598781 -112.705642 -4862.830
1.00000 -16.141822 -785.427223 -7.494211
-555.598781 -110.014040 -4360.397

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.089220 128.921480 4.539950
717.630172 45.445139 1686.564
0.25000 19.089220 129.175112 4.539950
717.688218 43.707158 1613.402
0.50000 19.089220 133.980509 4.539950
717.746704 42.158509 1582.105
0.75000 19.089220 143.055311 4.539950
717.805190 40.888644 1597.289
1.00000 19.089220 152.702361 4.539950
717.863679 39.940208 1638.156

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.079247 -885.040245 -6.493292
-690.101528 -99.709317 -7187.920
0.25000 -18.079247 -863.576239 -6.493292
-690.100734 -97.093916 -6577.503
0.50000 -18.079247 -842.194112 -6.493292
-690.100734 -94.599366 -5998.592
0.75000 -18.079247 -821.114503 -6.493292
-690.100734 -92.386620 -5453.879
1.00000 -18.079247 -800.581485 -6.493292
-690.100734 -90.468340 -4942.818

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.036946 154.359266 7.225794
767.416904 89.236411 1745.318
0.25000 23.036946 154.571521 7.225794
767.477191 85.404740 1672.943
0.50000 23.036946 158.592119 7.225794
767.538131 82.041017 1636.150
0.75000 23.036946 166.159154 7.225794
767.599070 79.147333 1638.878
1.00000 23.036946 174.263385 7.225794
767.660011 76.546784 1664.118
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1626

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.293573 -777.464064 -5.896282
-792.768638 -85.422493 -6498.925
0.25000 -22.293573 -759.571972 -5.896282
-792.767612 -83.180402 -5991.012
0.50000 -22.293573 -741.748178 -5.896282
-792.767612 -81.041259 -5510.575
0.75000 -22.293573 -724.176597 -5.896282
-792.767612 -79.139891 -5054.760
1.00000 -22.293573 -707.060650 -5.896282
-792.767612 -77.489732 -4632.518

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.037730 91.336572 7.315151
599.527100 58.817493 854.169138
0.25000 17.037730 92.031580 7.315151
599.527100 55.167976 832.916612
0.50000 17.037730 97.135216 7.315151
599.527100 53.124505 811.680020
0.75000 17.037730 103.810460 7.315151
599.527100 53.278491 790.482493
1.00000 17.037730 112.468680 7.315151
599.527100 53.760008 818.620841

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.905109 -700.852731 -7.297126
-622.421355 -65.644815 -2996.552
0.25000 -16.905109 -680.779740 -7.297126
-622.421355 -64.923512 -2880.632
0.50000 -16.905109 -660.491144 -7.297126
-622.421355 -64.295054 -2765.222
0.75000 -16.905109 -640.465422 -7.297126
-622.421355 -63.831802 -2650.340
1.00000 -16.905109 -620.835002 -7.297126
-622.421355 -63.449301 -2535.905

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.036946 162.278515 7.669296
767.416904 113.012137 1745.318
0.25000 23.036946 166.983615 7.669296
767.477191 108.833837 1672.943
0.50000 23.036946 172.209006 7.669296
767.538131 105.108077 1636.150
0.75000 23.036946 177.890076 7.669296
767.599070 102.311174 1638.878
1.00000 23.036946 184.463836 7.669296
767.660011 99.788841 1664.118

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.293573 -885.040245 -7.494211
-792.768638 -122.389841 -7187.920
0.25000 -22.293573 -863.576239 -7.494211
-792.767612 -118.984880 -6577.503
0.50000 -22.293573 -842.194112 -7.494211
-792.767612 -115.701964 -5998.592
0.75000 -22.293573 -821.114503 -7.494211
-792.767612 -112.705642 -5453.879
1.00000 -22.293573 -800.581485 -7.494211
-792.767612 -110.014040 -4942.818

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.036946 162.278515 7.669296
767.416904 113.012137 1745.318
0.25000 23.036946 166.983615 7.669296
767.477191 108.833837 1672.943
0.50000 23.036946 172.209006 7.669296
767.538131 105.108077 1636.150
0.75000 23.036946 177.890076 7.669296
767.599070 102.311174 1638.878
1.00000 23.036946 184.463836 7.669296
767.660011 99.788841 1664.118
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1627

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.293573 -885.040245 -7.494211
-792.768638 -122.389841 -7187.920
0.25000 -22.293573 -863.576239 -7.494211
-792.767612 -118.984880 -6577.503
0.50000 -22.293573 -842.194112 -7.494211
-792.767612 -115.701964 -5998.592
0.75000 -22.293573 -821.114503 -7.494211
-792.767612 -112.705642 -5453.879
1.00000 -22.293573 -800.581485 -7.494211
-792.767612 -110.014040 -4942.818

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.036946 162.278515 7.669296
767.416904 113.012137 1745.318
0.25000 23.036946 166.983615 7.669296
767.477191 108.833837 1672.943
0.50000 23.036946 172.209006 7.669296
767.538131 105.108077 1636.150
0.75000 23.036946 177.890076 7.669296
767.599070 102.311174 1638.878
1.00000 23.036946 184.463836 7.669296
767.660011 99.788841 1664.118

```
  COMB  DESIGN ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -22.293573  -885.040245   -7.494211
-792.768638 -122.389841   -7187.920
 0.25000   -22.293573  -863.576239   -7.494211
-792.767612 -118.984880   -6577.503
 0.50000   -22.293573  -842.194112   -7.494211
-792.767612 -115.701964   -5998.592
 0.75000   -22.293573  -821.114503   -7.494211
-792.767612 -112.705642   -5453.879
 1.00000   -22.293573  -800.581485   -7.494211
-792.767612 -110.014040   -4942.818

 ELEM      134 ================== LENGTH
=     4.928994

  COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.117934    23.757663    4.433581
127.139154   26.941141   232.546948
 0.25000     9.117934    23.768443    4.433581
127.170261   27.073405   228.721118
 0.50000     9.117934    23.780275    4.433581
127.204881   27.291005   224.931204
 0.75000     9.117934    23.792891    4.433581
127.241153   27.657624   221.148933
 1.00000     9.117934    23.807672    4.433581
127.282683   28.147985   218.045656

  COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.105162   -39.019415   -1.832068
-262.573095   -7.012259  -325.048290
 0.25000    -9.105162   -39.004289   -1.832068
-262.533624   -7.331805  -346.634341
 0.50000    -9.105162   -38.990717   -1.832068
-262.499231   -8.742896  -368.971325
 0.75000    -9.105162   -38.977479   -1.832068
-262.466034  -11.345807  -391.927819
 1.00000    -9.105162   -38.964785   -1.832068
-262.444629  -14.840357  -415.498590

  COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    14.717234    40.041869    9.882290
201.553396   52.704719   437.100739
 0.25000    14.717234    40.052645    9.882290
201.584442   48.944025   428.326995
 0.50000    14.717234    40.064471    9.882290
201.619008   45.841142   420.740034
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1628

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000    14.717234    40.077080    9.882290
201.655224   43.272220   413.885523
 1.00000    14.717234    40.091850    9.882290
201.696683   40.987439   416.205209

  COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.689959   -94.600261   -1.383650
-472.017048   -7.921629  -737.802464
 0.25000   -14.689959   -94.585145   -1.383650
-471.977646   -7.476792  -765.057386
 0.50000   -14.689959   -94.571577   -1.383650
-471.943308  -10.173427  -793.470590
 0.75000   -14.689959   -94.558343   -1.383650
-471.910168  -17.219700  -822.799709
 1.00000   -14.689959   -94.545655   -1.383650
-471.889428  -27.355034  -853.337617

  COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.238670    54.636405    9.627828
219.693217   49.398208   625.522442
 0.25000    15.238670    54.646104    9.627828
219.721169   45.731406   608.939686
 0.50000    15.238670    54.656749    9.627828
219.752288   42.881740   592.392369
 0.75000    15.238670    54.668098    9.627828
219.784893   40.640128   614.686279
 1.00000    15.238670    54.681393    9.627828
219.822219   38.909864   729.830257

  COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -15.173355  -187.846575   -1.156447
-593.698222   -7.394507   -1327.273
 0.25000   -15.173355  -187.832968   -1.156447
-593.662748   -7.547477   -1333.563
 0.50000   -15.173355  -187.820757   -1.156447
-593.631834  -10.932283   -1340.831
 0.75000   -15.173355  -187.808846   -1.156447
-593.601997  -18.174436   -1349.018
 1.00000   -15.173355  -187.797425   -1.156447
-593.583212  -27.616711   -1358.426

  COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    16.886175    64.675232    8.220619
311.022620718   45.883897   747.266029
 0.25000    16.886175    74.418811    8.220619
318.253422   42.632942   830.981098
 0.50000    16.886175    85.447080    8.220619
341.631421   40.145338   933.820077
 0.75000    16.886175    97.228084    8.220619
363.850119   40.195344   1064.273
 1.00000    16.886175   110.669061    8.220619
394.379044   41.654877   1263.867

  COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -16.653497  -384.305495   -4.505449
-636.304618   -28.513287   -1883.677
 0.25000   -16.653497  -370.329841   -4.505449
-606.885678   -26.926578   -1843.335
 0.50000   -16.653497  -357.503769   -4.505449
-584.771066   -28.491096   -1803.810
 0.75000   -16.653497  -345.005477   -4.505449
-579.460273   -33.485343   -1765.062
 1.00000   -16.653497  -333.046639   -4.505449
-579.460273   -40.320859   -1727.465

  COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     5.217396    19.724972    5.460245
70.567616   23.285665   248.824898
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1629

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000     5.217396    19.843532    5.460245
70.909526   19.144695   242.571208
 0.50000     5.217396    19.973662    5.460245
71.290110   15.625050   236.291956
 0.75000     5.217396    20.112402    5.460245
71.688851   12.407822   229.836918
 1.00000     5.217396    20.274946    5.460245
72.145368    9.785903   274.664749

  COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -5.192090   -82.466052   -0.213155
-232.096729   -2.051211  -575.815430
 0.25000    -5.192090   -82.299707   -0.213155
-231.662846   -1.825603  -573.630519
 0.50000    -5.192090   -82.150435   -0.213155
-231.284771   -1.733751  -571.793162
 0.75000    -5.192090   -82.004831   -0.213155
-230.919854   -5.823058  -570.384383
 1.00000    -5.192090   -81.865227   -0.213155
-230.687324  -12.380640  -569.379332

  COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.254357    40.480399    5.239592
134.704641   24.482033   506.886062
 0.25000     7.254357    40.491176    5.239592
134.735711   20.436675   499.277195
 0.50000     7.254357    40.503005    5.239592
134.770299   17.221531   522.467882
 0.75000     7.254357    40.515616    5.239592
134.806537   14.622922   605.659642
 1.00000     7.254357    40.530391    5.239592
134.848025   12.760607   803.664232

  COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.103096  -225.841477   -1.684174
-402.722648  -11.279988   -1393.058
 0.25000    -7.103096  -225.826356   -1.684174
-402.683218  -10.370215   -1359.452
 0.50000    -7.103096  -225.812787   -1.684174
-402.648858   -10.659748   -1325.936
 0.75000    -7.103096  -225.799551   -1.684174
-402.615695   -14.108379   -1292.748
 1.00000    -7.103096  -225.786861   -1.684174
-402.594689   -19.274767   -1260.058

  COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    13.454937    53.924177    8.877749
215.941449   44.362313   646.230067
 0.25000    13.454937    53.933871    8.877749
215.969412   40.212704   635.764836
 0.50000    13.454937    53.944523    8.877749
216.000541   36.746665   653.151152
 0.75000    13.454937    53.955873    8.877749
216.033156   33.834092   723.939076
 1.00000    13.454937    53.969170    8.877749
216.070494   31.543870   899.636431

  COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -13.311346  -238.881895   -1.652041
-573.013552   -13.734945   -1546.197
 0.25000   -13.311346  -238.868287   -1.652041
-573.396065   -12.751267   -1530.938
 0.50000   -13.311346  -238.856074   -1.652041
-573.365142   -12.900720   -1516.434
 0.75000   -13.311346  -238.844162   -1.652041
-573.335295   -20.148587   -1502.688
 1.00000   -13.311346  -238.832741   -1.652041
-573.316390   -29.233399   -1489.986
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1630

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    17.216429    64.820903    7.559964
392.014833   41.451279   785.669273
 0.25000    17.216429    78.453918    7.559964
392.014833   37.899288   928.234402
 0.50000    17.216429    95.303063    7.559964
392.014833   36.091279   1089.574
 0.75000    17.216429   113.348231    7.559964
419.107996   37.958851   1267.535
 1.00000    17.216429   133.176912    7.559964
443.793344   40.586193   1506.115

  COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -16.919817  -486.605119   -5.363006
-557.613409  -36.841993   -2153.364
 0.25000   -16.919817  -465.512424   -5.363006
-553.834135  -35.058303   -2082.206
 0.50000   -16.919817  -445.549855   -5.363006
-553.834135   -34.088125   -2011.766
 0.75000   -16.919817  -426.123748   -5.363006
-553.834135   -38.993462   -1941.969
 1.00000   -16.919817  -407.586799   -5.363006
-553.834135   -45.417441   -1873.272

  COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    10.429917    27.272839    0.555502
464.448241    6.980374   383.753766
 0.25000    10.429917    41.352406    0.555502
464.448241    9.739407   601.441443
 0.50000    10.429917    62.693273    0.555502
464.448241   14.318627   834.388506
 0.75000    10.429917    85.674881    0.555502
464.448241   20.016563   1038.511
 1.00000    10.429917   109.211601    0.555502
464.448241   26.573735   1213.391

  COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -10.123253  -437.263478   -6.777124
-164.900590   -42.087398   -1386.949
 0.25000   -10.123253  -411.192567   -6.777124
-164.900590   -40.323626   -1286.902
 0.50000   -10.123253  -384.963876   -6.777124
-164.900590   -38.581696   -1187.136
 0.75000   -10.123253  -359.503767   -6.777124
-164.900590   -36.896705   -1087.916
 1.00000   -10.123253  -335.349211   -6.777124
-164.900590   -35.317809  -988.908894

  COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    13.344262    47.438378    0.582950
550.410368   12.477431   626.797553
 0.25000    13.344262    65.444416    0.582950
550.410368   13.220660   883.295016
 0.50000    13.344262    91.005999    0.582950
550.410368   18.173916   1190.594
 0.75000    13.344262   118.493995    0.582950
550.410368   25.384678   1508.646
 1.00000    13.344262   147.092953    0.582950
550.410368   33.316963   1817.801

  COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.876087  -618.482050  -10.300072
-298.993299   -64.173862   -2195.248
 0.25000   -12.876087  -587.026813  -10.300072
-298.993299   -59.579205   -2056.549
 0.50000   -12.876087  -555.937969  -10.300072
-298.993299   -55.762249   -1918.410
 0.75000   -12.876087  -525.740342  -10.300072
-298.993299   -52.547335   -1780.663
 1.00000   -12.876087  -497.031155  -10.300072
-298.993299   -50.188137   -1643.265
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1631

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    15.198435    60.336781    3.130559
536.003320   20.161542   785.118623
 0.25000    15.198435    76.965442    3.130559
536.003320   18.741924   1010.117
 0.50000    15.198435   100.414024    3.130559
536.003320   22.331808   1272.287
 0.75000    15.198435   125.629891    3.130559
536.003320   27.284428   1551.192
 1.00000    15.198435   151.906131    3.130559
536.003320   33.502600   1901.848

  COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -14.761846  -639.022944   -8.232710
-449.943983   -51.655664   -2535.223
 0.25000   -14.761846  -610.142642   -8.232710
-449.943983   -49.219116   -2402.555
 0.50000   -14.761846  -581.649677   -8.232710
-449.943983   -47.950053   -2270.434
 0.75000   -14.761846  -553.971671   -8.232710
-449.943983   -48.118702   -2138.718
 1.00000   -14.761846  -527.652327   -8.232710
-449.943983   -48.864343   -2007.568

  COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    18.027435    64.163238    6.868182
518.170892   37.927467   818.447806
 0.25000    18.027435    78.031040    6.868182
518.170892   34.711606   1002.329
 0.50000    18.027435    97.581242    6.868182
518.170892   35.944550   1217.019
 0.75000    18.027435   118.604919    6.868182
518.170892   38.465447   1446.327
 1.00000    18.027435   140.514049    6.868182
518.170892   42.094104   1733.410

  COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -17.657117  -568.537003   -6.974285
-552.871088   -45.534186   -2397.850
 0.25000   -17.657117  -544.457276   -6.974285
-552.871088   -43.367147   -2297.060
 0.50000   -17.657117  -520.707194   -6.974285
-552.871088   -42.099637   -2197.030
 0.75000   -17.657117  -497.626497   -6.974285
-552.871088   -45.430029   -2097.823
 1.00000   -17.657117  -475.683357   -6.974285
-552.871088   -51.017359   -1999.519

  COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    14.257276    48.331833    4.654296
203.958456   49.367971   433.971327
 0.25000    14.257276    48.336813    4.654296
203.973703   47.060902   423.079505
 0.50000    14.257276    48.342416    4.654296
203.990537   45.173884   419.114747
 0.75000    14.257276    48.348529    4.654296
204.008658   43.892636   422.617287
 1.00000    14.257276    48.355028    4.654296
204.027713   43.149854   433.193890

  COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -12.905096   -56.630865   -1.699338
-354.646507   -2.596507   -529.592647
 0.25000   -12.905096   -56.621811   -1.699338
-354.646077   -10.396922   -518.064815
 0.50000   -12.905096   -56.612946   -1.699338
-354.629419   -11.432596   -509.788717
 0.75000   -12.905096   -56.604422   -1.699338
-354.613881   -13.484450   -513.550444
 1.00000   -12.905096   -56.596366   -1.699338
-354.599801   -16.335589   -524.953097
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1632

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    22.094713    81.883990   12.589512
314.105764  101.280329   808.407762
 0.25000    22.094713    81.888966   12.589512
314.120977   89.882686   783.248320
 0.50000    22.094713    81.894564   12.589512
314.137773   79.729308   773.453459
 0.75000    22.094713    81.900671   12.589512
314.155855   71.657549   781.236273
 1.00000    22.094713    81.907165   12.589512
314.174866   65.244836   809.368934

  COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -21.089599  -130.936505   -1.446837
-628.703408   -11.307088   -1260.404
 0.25000   -21.089599  -130.927454   -1.446837
-628.686031   -11.191323   -1186.894
 0.50000   -21.089599  -130.918592   -1.446837
-628.669423   -13.762313   -1131.518
 0.75000   -21.089599  -130.910070   -1.446837
-628.653934   -19.578867   -1099.164
 1.00000   -21.089599  -130.902016   -1.446837
-628.639900   -27.667027   -1087.805

  COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    22.563758   106.549696   12.041883
327.885401   95.506854   1188.886
 0.25000    22.563758   106.693030   12.041883
328.323699   85.232347   1150.328
 0.50000    22.563758   106.854256   12.041883
328.807611   76.405856   1139.159
 0.75000    22.563758   107.030181   12.041883
329.328558   69.452542   1178.370
 1.00000    22.563758   107.221221   12.041883
329.876290   64.184212   1263.483

  COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -21.196916  -265.437686   -1.473583
-757.965984  -12.386955   -2433.842
 0.25000   -21.196916  -265.176991   -1.473583
-757.465252  -13.288486   -2224.087
 0.50000   -21.196916  -264.921747   -1.473583
-756.986714  -16.097652   -2047.383
 0.75000   -21.196916  -264.676315   -1.473583
-756.540391   -22.162543   -1910.096
 1.00000   -21.196916  -264.444362   -1.473583
-756.135983   -30.355182   -1810.370

  COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    24.456883   127.383440   10.364178
423.324983   88.543558   1482.769
 0.25000    24.456883   134.452208   10.364178
443.082685   79.619901   1483.756
 0.50000    24.456883   142.413574   10.364178
464.944413   72.504737   1514.100
 0.75000    24.456883   151.100515   10.364178
488.450988   68.560709   1592.840
 1.00000    24.456883   160.318356   10.364178
513.074011   66.901090   1712.099

  COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -22.621957  -478.203597   -5.848947
-800.841294   -49.525947   -3525.579
 0.25000   -22.621957  -464.880210   -5.848947
-779.566116   -45.473913   -3152.730
 0.50000   -22.621957  -451.808433   -5.848947
-759.255284   -43.863821   -2830.045
 0.75000   -22.621957   -439.223659   -5.848947
-740.421674   -45.727187   -2559.472
 1.00000   -22.621957  -427.311226   -5.848947
-730.758640   -49.951918   -2339.759
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1633

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     7.149378    37.263815    8.054230
99.901233   48.428425   457.882688
 0.25000     7.149378    37.313577    8.054230
100.053363   39.265014   440.382955
 0.50000     7.149378    37.369549    8.054230
100.221327   30.807599   433.851872
 0.75000     7.149378    37.430625    8.054230
100.402144   23.919396   440.643497
 1.00000     7.149378    37.495560    8.054230
100.592257   18.255085   476.495465

  COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -7.500734  -107.537064   -0.254999
-291.692316   -2.735119   -1025.201
 0.25000    -7.500734  -107.446550   -0.254999
-291.518539   -2.503003   -931.543975
 0.50000    -7.500734  -107.357929   -0.254999
-291.352464   -2.374671   -851.116801
 0.75000    -7.500734  -107.272714   -0.254999
-291.192572   -3.001940   -787.691873
 1.00000    -7.500734  -107.192178   -0.254999
-291.057230   -11.009852   -737.089519

  COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     9.954262    74.876528    7.439010
162.007534   48.468612   992.627411
 0.25000     9.954262    74.881508    7.439010
162.022776   40.586329   956.747922
 0.50000     9.954262    74.887110    7.439010
162.039603   33.728736   956.198375
 0.75000     9.954262    74.893422    7.439010
162.057718   28.513074   1017.959
 1.00000     9.954262    74.899720    7.439010
162.076765   25.052099   1135.682

  COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    -9.420573  -301.449110   -2.339159
-469.500906   -19.680007   -2612.358
 0.25000    -9.420573  -301.440056   -2.339159
-469.483484   -17.697697   -2331.243
 0.50000    -9.420573  -301.431191   -2.339159
-469.466835   -16.846383   -2084.917
 0.75000    -9.420573  -301.422668   -2.339159
-469.451305   -18.798103   -1875.793
 1.00000    -9.420573  -301.414612   -2.339159
-469.437232   -22.645350   -1704.809

  COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    19.401604   104.341686   11.952623
295.626472   88.883252   1242.239
 0.25000    19.401604   104.346168   11.952623
295.640189   77.124537   1199.530
 0.50000    19.401604   104.351209   11.952623
295.655334   67.122295   1195.058
 0.75000    19.401604   104.356710   11.952623
295.671637   59.438429   1253.545
 1.00000    19.401604   104.362559   11.952623
295.688780   53.897664   1369.665

  COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -18.395562  -322.308854   -2.297107
-706.300470   -22.000078   -2882.684
 0.25000   -18.395562  -322.300705   -2.297107
-706.344790   -20.057719   -2621.356
 0.50000   -18.395562  -322.292727   -2.297107
-706.329806   -20.308902   -2390.697
 0.75000   -18.395562  -322.285056   -2.297107
-706.315829   -25.307112   -2204.272
 1.00000   -18.395562  -322.277882   -2.297107
-706.303163   -32.563894   -2058.916
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   1634

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000    24.063099   129.916127   10.234118
506.209882   82.820453   1580.454
 0.25000    24.063099   140.204372   10.234118
511.903319   73.237339   1607.437
 0.50000    24.063099   151.809833   10.234118
523.999273   66.725660   1662.306
 0.75000    24.063099   164.464291   10.234118
552.908032   63.503650   1761.401
 1.00000    24.063099   177.870994   10.234118
581.447443   62.509637   1899.236

  COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000   -22.678989  -591.778444   -6.859913
-728.371124   -62.781013   -4128.334
 0.25000   -22.678989  -571.285576   -6.859913
-705.569339   -57.074301   -3671.253
 0.50000   -22.678989  -551.121615   -6.859913
-702.049076   -53.927953   -3266.362
 0.75000   -22.678989  -531.656819   -6.859913
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-701.615450  -55.224048   -2921.529
 1.00000   -22.678989  -513.208507    -6.859913
-701.615598   -58.753258   -2632.901

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.570264   62.233334    0.825621
588.755346   16.227403  839.410613
 0.25000   13.570264   74.273950    0.825621
584.416334   17.983838  927.264968
 0.50000   13.570264   87.916424    0.825621
580.077241   21.132677  1020.637
 0.75000   13.570264  102.775216    0.825621
575.738147   25.558761  1114.516
 1.00000   13.570264  118.440920    0.825621
571.399053   30.778651  1205.372

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.899060  -504.278440    -7.970514
-237.444522   -73.192589   -2780.724
 0.25000  -12.899060  -477.410839    -7.970514
-237.444522   -67.249603   -2386.313
 0.50000  -12.899060  -450.855347    -7.970514
-237.444522   -62.081348   -2034.781
 0.75000  -12.899060  -425.098563    -7.970514
-237.444522   -57.642188   -1722.604
 1.00000  -12.899060  -400.606634    -7.970514
-237.444522   -53.844081   -1446.446

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.795294  100.811793    1.105698
677.284986   25.742425  1361.010
 0.25000   17.795294  115.009485    1.105698
676.804948   27.459524  1446.708
 0.50000   17.795294  131.071879    1.105698
676.324901   30.718650  1560.835
 0.75000   17.795294  148.571254    1.105698
675.844854   35.744057  1710.976
 1.00000   17.795294  167.042592    1.105698
675.364807   42.731564  1877.693

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.217120  -724.777412   -12.604446
-381.819021  -110.927957   -4361.107
 0.25000  -16.217120  -693.937824   -12.604446
-381.819021   -99.664872   -3771.257
 0.50000  -16.217120  -663.501194   -12.604446
-381.819021   -89.851760   -3252.659
 0.75000  -16.217120  -634.009352   -12.604446
-381.819021   -81.498174   -2792.586
 1.00000  -16.217120  -605.984563   -12.604446
-381.819021   -74.938072   -2389.041
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1635

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.118818  121.629102    4.667258
665.521413   41.873323  1638.039
 0.25000   20.118818  134.672024    4.667258
665.604995   39.716703  1700.809
 0.50000   20.118818  149.426566    4.667258
665.688578   39.738458  1797.314
 0.75000   20.118818  165.501414    4.667258
665.772162   41.921697  1943.810
 1.00000   20.118818  182.472357    4.667258
665.855745   46.205935  2134.348

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.754866  -762.868867   -10.275302
-563.253663   -91.429642   -4943.177
 0.25000  -18.754866  -734.631907   -10.275302
-563.253663   -83.167460   -4309.299
 0.50000  -18.754866  -706.768902   -10.275302
-563.253663   -77.154480   -3747.876
 0.75000  -18.754866  -679.772860   -10.275302
-563.253663   -73.128849   -3255.147
 1.00000  -18.754866  -654.121185   -10.275302
-563.253663   -71.012627   -2829.191

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.578029  130.881607   10.022784
665.254103   78.739010  1664.147
 0.25000   24.578029  141.755751   10.022784
665.341190   70.522359  1706.062
 0.50000   24.578029  154.057366   10.022784
665.428279   64.563600  1782.090
 0.75000   24.578029  167.459196   10.022784
665.515368   61.753522  1906.802
 1.00000   24.578029  181.607737   10.022784
665.602456   61.583952  2074.939

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.445328  -685.531160    -8.719220
-706.279068   -79.167631   -4632.801
 0.25000  -23.445328  -661.992660    -8.719220
-706.279068   -72.135568   -4082.805
 0.50000  -23.445328  -638.765523    -8.719220
-706.279068   -67.144380   -3599.505
 0.75000  -23.445328  -616.261689    -8.719220
-706.279068   -66.853478   -3180.942
 1.00000  -23.445328  -594.879001    -8.719220
-706.279068   -69.111523   -2825.316

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.027435   64.820903    9.882290
550.410368   52.704719  818.447806
 0.25000   18.027435   78.453916    9.882290
550.410368   48.844025  1011.117
 0.50000   18.027435  100.414024    9.882290
550.410368   45.841142  1272.287
 0.75000   18.027435  125.629891    9.882290
550.410368   43.272220  1551.192
 1.00000   18.027435  151.906131    9.882290
550.410368   42.094104  1901.848

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.657117  -639.022944   -10.300072
-636.304618   -64.173862   -2535.223
 0.25000  -17.657117  -610.102642   -10.300072
-606.885678   -59.579205   -2402.555
 0.50000  -17.657117  -581.649677   -10.300072
-593.631834   -55.762249   -2270.434
 0.75000  -17.657117  -553.971671   -10.300072
-593.601997   -52.547335   -2138.718
 1.00000  -17.657117  -527.652327   -10.300072
-593.583212   -51.017359   -2007.568
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1636

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.578029  130.881607   12.589512
677.284986  101.280329  1664.147
 0.25000   24.578029  141.755751   12.589512
676.804948   89.882686  1706.062
 0.50000   24.578029  154.057366   12.589512
676.324901   79.729308  1797.314
 0.75000   24.578029  167.459196   12.589512
675.844854   71.657549  1943.810
 1.00000   24.578029  182.472357   12.589512
675.364807   66.901090  2134.348

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.445328  -762.868867   -12.604446
-800.841294  -110.927957   -4943.177
 0.25000  -23.445328  -734.631907   -12.604446
-779.566116   -99.664872   -4309.299
 0.50000  -23.445328  -706.768902   -12.604446
-759.255284   -89.851760   -3747.876
 0.75000  -23.445328  -679.772860   -12.604446
-756.540391   -81.498174   -3255.147
 1.00000  -23.445328  -654.121185   -12.604446
-756.135983   -74.938072   -2829.191

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.578029  130.881607   12.589512
677.284986  101.280329  1664.147
 0.25000   24.578029  141.755751   12.589512
676.804948   89.882686  1706.062
 0.50000   24.578029  154.057366   12.589512
676.324901   79.729308  1797.314
 0.75000   24.578029  167.459196   12.589512
675.844854   71.657549  1943.810
 1.00000   24.578029  182.472357   12.589512
675.364807   66.901090  2134.348

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.445328  -762.868867   -12.604446
-800.841294  -110.927957   -4943.177
 0.25000  -23.445328  -734.631907   -12.604446
-779.566116   -99.664872   -4309.299
 0.50000  -23.445328  -706.768902   -12.604446
-759.255284   -89.851760   -3747.876
 0.75000  -23.445328  -679.772860   -12.604446
-756.540391   -81.498174   -3255.147
 1.00000  -23.445328  -654.121185   -12.604446
-756.135983   -74.938072   -2829.191

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   24.578029  130.881607   12.589512
677.284986  101.280329  1664.147
 0.25000   24.578029  141.755751   12.589512
676.804948   89.882686  1706.062
 0.50000   24.578029  154.057366   12.589512
676.324901   79.729308  1797.314
 0.75000   24.578029  167.459196   12.589512
675.844854   71.657549  1943.810
 1.00000   24.578029  182.472357   12.589512
675.364807   66.901090  2134.348

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -23.445328  -762.868867   -12.604446
-800.841294  -110.927957   -4943.177
 0.25000  -23.445328  -734.631907   -12.604446
-779.566116   -99.664872   -4309.299
 0.50000  -23.445328  -706.768902   -12.604446
-759.255284   -89.851760   -3747.876
 0.75000  -23.445328  -679.772860   -12.604446
-756.540391   -81.498174   -3255.147
 1.00000  -23.445328  -654.121185   -12.604446
-756.135983   -74.938072   -2829.191
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1637

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      135 ================== LENGTH
 =    4.927556

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   9.757237   19.472118    5.357130
66.103781   27.618184  218.112094
 0.25000   9.757237   19.483722    5.357130
66.134688   26.237563  213.282387
 0.50000   9.757237   19.496317    5.357130
66.167551   24.908211  254.003415
 0.75000   9.757237   19.509638    5.357130
66.202020   23.652898  296.815512
 1.00000   9.757237   19.524807    5.357130
66.242411   22.465804  341.137018

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -9.611567  -40.497568   -0.544837
-247.893009  -14.137204  -415.923884
 0.25000  -9.611567  -40.482231   -0.544837
-247.854696  -17.100560  -420.297108
 0.50000  -9.611567  -40.468492   -0.544837
-247.821475  -20.808064  -424.871713
 0.75000  -9.611567  -40.455201   -0.544837
-247.791217  -25.199935  -429.578513
 1.00000  -9.611567  -40.442570   -0.544837
-247.770199  -30.178289  -434.736797

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.769849   36.216591    9.507778
96.878241   40.218273  416.448559
 0.25000   15.769849   36.228190    9.507778
96.850191   36.773055  447.269898
 0.50000   15.769849   36.240779    9.507778
96.941896   33.474526  538.472567
 0.75000   15.769849   36.254094    9.507778
96.976306   30.325907  635.848988
 1.00000   15.769849   36.269254    9.507778
97.016621   27.755413  738.901333

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.522398  -94.861011   -0.615969
-447.166964   -26.123448   -853.982586
 0.25000  -15.522398  -94.845683   -0.615969
-447.128722   -32.086515   -851.187304
 0.50000  -15.522398  -94.831951   -0.615969
-447.095558   -39.073404   -848.749360
 0.75000  -15.522398  -94.818664   -0.615969
-447.065593   -47.163131   -846.555794
 1.00000  -15.522398  -94.806039   -0.615969
-447.044617   -56.147276   -844.899518

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.383623   50.871120    9.175682
92.597938   39.143155  730.630939
 0.25000   16.383623   50.889560    9.175682
92.625713   35.756854  820.111593
 0.50000   16.383623   50.900891    9.175682
92.655248   32.923120  977.409338
 0.75000   16.383623   50.912876    9.175682
92.686228   30.323924  1151.960
 1.00000   16.383623   50.926522    9.175682
92.722525   28.077888  1339.154

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.075827  -177.856993   -0.674637
-558.457784   -26.137571   -1359.064
 0.25000  -16.075827  -177.840296   -0.674637
-558.423353   -31.212992   -1332.831
 0.50000  -16.075827  -177.827935   -0.674637
-558.393495   -37.470650   -1306.932
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1638

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000  -16.075827  -177.815977   -0.674637
-558.366474   -44.918429   -1281.323
 1.00000  -16.075827  -177.804613   -0.674637
-558.347588   -53.391839   -1256.226

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.956508   80.419366    7.923633
211.336673   42.234658  1264.369
 0.25000   17.956508   91.271231    7.923633
233.665758   41.822416  1433.766
 0.50000   17.956508  103.066766    7.923633
255.439224   42.091829  1651.437
 0.75000   17.956508  115.565123    7.923633
280.859703   42.730486  1877.512
 1.00000   17.956508  129.512653    7.923633
314.099072   43.826649  2104.823

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.440747  -349.840248   -3.457571
-586.523933   -39.312413   -1727.807
 0.25000  -17.440747  -335.718495   -3.457571
-556.818945   -42.150965   -1671.203
 0.50000  -17.440747  -322.794334   -3.457571
-539.082704   -45.978150   -1614.868
 0.75000  -17.440747  -310.307256   -3.457571
-521.307554   -50.792746   -1558.784
 1.00000  -17.440747  -298.451263   -3.457571
-519.933147   -56.469714   -1503.152

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   5.613954   20.238890    3.942152
24.818753   10.312986  275.140316
 0.25000   5.613954   20.366510    3.942152
25.158482   8.342550   334.981848
 0.50000   5.613954   20.505030    3.942152
25.519716   6.661342   404.737340
 0.75000   5.613954   20.651534    3.942152
25.898620   5.103345   480.024719
 1.00000   5.613954   20.818358    3.942152
26.342585   4.065629   559.887841

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -5.511899  -78.184834   -0.235945
-220.615738   -11.773908  -569.571534
 0.25000  -5.511899  -78.016162   -0.235945
-220.194602   -14.446992  -554.018053
 0.50000  -5.511899  -77.865065   -0.235945
-219.829423   -17.343342  -540.297910
 0.75000  -5.511899  -77.718879   -0.235945
-219.497872   -20.715264  -525.691340
 1.00000  -5.511899  -77.579967   -0.235945
-219.266858   -24.355945  -511.190108

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   7.775351   43.136622    3.913155
83.754772   13.939180  804.554855
 0.25000   7.775351   43.148222    3.913155
83.406345   13.016540  922.273312
 0.50000   7.775351   43.160814    3.913155
83.439173   12.620678  1074.551
 0.75000   7.775351   43.174131    3.913155
83.473607   12.533620  1260.374
 1.00000   7.775351   43.189295    3.913155
83.513952   12.841684  1469.221

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -7.467429  -204.855442   -1.214036
-371.724919   -18.585612   -1260.230
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1639

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000  -7.467429  -204.840110   -1.214036
-371.686648   -19.985202   -1213.127
 0.50000  -7.467429  -204.826375   -1.214036
-371.653462   -21.875075   -1166.071
 0.75000  -7.467429  -204.813087   -1.214036
-371.623379   -24.300264   -1119.131
 1.00000  -7.467429  -204.800460   -1.214036
-371.602386   -27.210917   -1072.355

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  14.417864   54.606336    7.792851
121.165820   32.263589  900.475298
 0.25000  14.417864   54.618977    7.792851
121.193605   29.908194  1007.602
 0.50000  14.417864   54.630309    7.792851
121.223150   27.988534  1181.466
 0.75000  14.417864   54.642295    7.792851
121.254141   26.399597  1387.586
 1.00000  14.417864   54.655942    7.792851
121.290452   25.093651  1616.157

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.028440  -220.859505   -1.336158
-534.059276   -28.056639   -1490.453
 0.25000  -14.028440  -220.845706   -1.336158
-534.024832   -32.140613   -1449.266
 0.50000  -14.028440  -220.833345   -1.336158
-533.994964   -37.124247   -1408.172
 0.75000  -14.028440  -220.821385   -1.336158
-533.967890   -43.012666   -1367.519
 1.00000  -14.028440  -220.810021   -1.336158
-533.948997   -49.713312   -1327.004

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.222434   95.300872    6.763222
300.752550   41.426469   1506.213
 0.25000   18.222434  111.956607    6.763222
300.752550   41.986063   1729.194
 0.50000   18.222434  130.093748    6.763222
318.848118   43.515147   1978.452
 0.75000   18.222434  149.359400    6.763222
343.346651   45.638604   2224.582
 1.00000   18.222434  170.264718    6.763222
365.147859   48.315966   2461.901

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.656936  -435.824437   -5.058331
-485.835936   -44.621053   -1873.353
 0.25000  -17.656936  -414.616037   -5.058331
-474.307979   -46.329130   -1799.016
 0.50000  -17.656936  -394.622809   -5.058331
-474.307979   -48.789974   -1724.763
 0.75000  -17.656936  -375.317474   -5.058331
-474.307979   -52.008180   -1650.871
 1.00000  -17.656936  -357.054358   -5.058331
-474.307979   -55.907782   -1577.183

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.791813   76.714021    0.444749
451.105910   26.976999  1211.925
 0.25000   10.791813   97.986019    0.444749
451.105910   30.814514  1402.194
 0.50000   10.791813  121.263887    0.444749
451.105910   35.599065  1561.596
 0.75000   10.791813  146.108680    0.444749
451.105910   41.231070  1687.639
 1.00000   10.791813  171.573678    0.444749
451.105910   47.627971  1783.433
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1640

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.392307  -374.205207   -6.826948
-70.763491   -35.589731   -988.334203
 0.25000  -10.392307  -348.261972   -6.826948
-70.763491   -32.917215   -923.409452
 0.50000  -10.392307  -322.298520   -6.826948
-70.763491   -30.245399   -858.484881
 0.75000  -10.392307  -297.221188   -6.826948
-70.763491   -27.574021   -793.560327
 1.00000  -10.392307  -273.745640   -6.826948
-70.763491   -24.913388   -728.844072

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.805976  105.733995    0.768067
551.882906   34.029010  1816.467
 0.25000   13.805976  131.170775    0.768067
551.882906   39.559294  2076.275
 0.50000   13.805976  158.945463    0.768067
551.882906   46.166064  2316.861
 0.75000   13.805976  188.557049    0.768067
551.882906   54.084035  2542.836
 1.00000   13.805976  219.416953    0.768067
551.882906   62.835791  2750.539

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.151107  -534.431339   -9.200494
-181.018307   -50.734961   -1642.597
 0.25000  -13.151107  -503.031969   -9.200494
-181.018307   -46.966516   -1543.657
 0.50000  -13.151107  -472.153244   -9.200494
-181.018307   -43.216545   -1444.718
 0.75000  -13.151107  -442.383527   -9.200494
-181.018307   -39.483180   -1345.780
 1.00000  -13.151107  -414.319816   -9.200494
-181.018307   -35.770290   -1247.060

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.898673  112.777777    2.613500
488.250289   35.178592  1931.274
 0.25000   15.898673  136.110582    2.613500
488.250289   39.085956  2195.597
 0.50000   15.898673  161.586229    2.613500
488.250289   44.303884  2480.869
 0.75000   15.898673  188.737439    2.613500
488.250289   50.754632  2756.951
 1.00000   15.898673  217.083545    2.613500
488.250289   57.899147  3017.189

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.246754  -557.649397   -7.784744
-334.669191   -48.696268   -2007.086
 0.25000  -15.246754  -528.811420   -7.784744
-334.669191   -46.217308   -1900.998
 0.50000  -15.246754  -500.501321   -7.784744
-334.669191   -44.084446   -1794.911
 0.75000  -15.246754  -473.206472   -7.784744
-334.669191   -42.300024   -1690.936
 1.00000  -15.246754  -447.470491   -7.784744
-334.669191   -40.829661   -1583.216

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   19.000256  107.482783    5.803359
438.330452   43.122484  1732.945
 0.25000   19.000256  126.936413    5.803359
438.330452   44.698251  1992.212
 0.50000   19.000256  148.176482    5.803359
438.330452   47.427975  2265.648
 0.75000   19.000256  170.813416    5.803359
438.330452   51.135786  2533.635
 1.00000   19.000256  194.448154    5.803359
438.330452   55.668724  2790.588
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                     Page
 <            MOVING          LOAD          >
                              1641

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.368461  -500.954992   -6.721340
-447.588131   -50.407756   -1989.347
 0.25000  -18.368461  -476.910258   -6.721340
-447.588131   -50.981814   -1909.076
 0.50000  -18.368461  -453.307311   -6.721340
-447.588131   -52.129464   -1818.983
 0.75000  -18.368461  -430.550758   -6.721340
-447.588131   -53.915763   -1729.050
 1.00000  -18.368461  -409.093704   -6.721340
-447.588131   -56.239320   -1639.453

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.304838   35.989669    6.643561
129.705084   43.929184  434.114204
 0.25000   15.304838   35.995200    6.643561
129.720545   39.817449  447.309872
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 0.50000     15.304838     36.001327      6.643561
129.737554     36.337564    476.273493
 0.75000     15.304838     36.007935      6.643561
129.755750     33.435992    529.684754
 1.00000     15.304838     36.014880      6.643561
129.774778     31.016846    588.382183

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -13.762960   -59.092416    -0.794764
-327.469894   -16.740332  -525.392638
 0.25000   -13.762962   -59.083676    -0.794764
-327.453135   -19.231292  -518.822196
 0.50000   -13.762962   -59.075182    -0.794764
-327.437146   -22.644609  -518.385504
 0.75000   -13.762962   -59.067068    -0.794764
-327.422306   -26.920016  -548.478328
 1.00000   -13.762962   -59.059476    -0.794764
-327.408960   -31.870162  -584.395550

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    23.862706    63.305560    12.839616
187.099516    66.662021   811.068079
 0.25000    23.862706    63.311086    12.839616
187.114942    58.068368   853.818796
 0.50000    23.862706    63.317209    12.839616
187.131913    50.710543   923.728867
 0.75000    23.862706    63.323812    12.839616
187.150067    44.492074  1039.379
 1.00000    23.862706    63.330752    12.839616
187.169051    39.546269  1170.928

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -22.490380  -136.042590    -0.863465
-582.872558   -28.305296   -1088.236
 0.25000   -22.490380  -136.033853    -0.863465
-582.855852   -33.504721   -1051.087
 0.50000   -22.490380  -136.025363    -0.863465
-582.839914   -40.405435   -1031.008
 0.75000   -22.490380  -136.017253    -0.863465
-582.825123   -49.052349   -1066.232
 1.00000   -22.490380  -136.009664    -0.863465
-582.811823   -59.134020   -1119.024

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    24.640329    88.836716    12.048988
178.652034    66.031303   1265.477
 0.25000    24.640329    88.995897    12.048988
179.096461    58.271454   1345.726
 0.50000    24.640329    89.172264    12.048988
179.585409    51.877909   1470.592
 0.75000    24.640329    89.362449    12.048988
180.108443    46.532793   1661.882
 1.00000    24.640329    89.562327    12.048988
180.655397    42.111292   1893.961
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1642

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -22.798819  -256.405313    -1.042299
-691.234676   -30.742166   -1810.589
 0.25000   -22.798819  -256.153692    -1.042299
-690.753301   -35.523268   -1695.147
 0.50000   -22.798819  -255.909156    -1.042299
-690.294039   -42.027957   -1614.520
 0.75000   -22.798819  -255.675557    -1.042299
-689.867806   -50.113197   -1614.943
 1.00000   -22.798819  -255.456981    -1.042299
-689.484566   -59.386326   -1661.983

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.273263   124.516664    10.538100
305.316269    69.061091   1713.584
 0.25000    26.273263   132.464786    10.538100
325.233826    64.573904   1839.179
 0.50000    26.273263   141.271534    10.538100
347.194875    61.567862   2003.987
 0.75000    26.273263   150.760525    10.538100
370.737766    59.768775   2229.338
 1.00000    26.273263   160.716866    10.538100
395.229140    59.102744   2505.640

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -23.919354  -426.862127    -5.224991
-712.443006   -50.527354   -2340.142
 0.25000   -23.919354  -414.115596    -5.224991
-692.280892   -61.569661   -2131.211
 0.50000   -23.919354  -401.702206    -5.224991
-673.022197   -54.380434   -1987.686
 0.75000   -23.919354  -389.823782    -5.224991
-655.244408   -58.786687   -1923.153
 1.00000   -23.919354  -378.690175    -5.224991
-642.480462   -64.433600   -1939.143

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    7.889559    32.585197     5.780123
45.366589    19.179020   477.321832
 0.25000    7.889559    32.640462     5.780123
45.520845    15.074963   517.304291
 0.50000    7.889559    32.701693     5.780123
45.690554    11.628785   571.757389
 0.75000    7.889559    32.767721     5.780123
45.872095     9.052466   652.374159
 1.00000    7.889559    32.837115     5.780123
46.061936     7.448351   749.978549

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -8.050293  -107.584742    -0.298922
-269.209440   -11.189891   -736.949477
 0.25000   -8.050293  -107.497381    -0.298922
-269.042386   -13.394205   -683.253694
 0.50000   -8.050293  -107.412479    -0.298922
-268.883005   -16.446261   -647.311707
 0.75000   -8.050293  -107.331378    -0.298922
-268.735089   -20.803770   -641.254563
 1.00000   -8.050293  -107.255485    -0.298922
-268.602095   -26.214453   -654.450721

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    11.002117    73.827351     5.447178
94.263742    26.472657   1136.831
 0.25000    11.002117    73.832881     5.447178
94.279197    23.863230   1212.962
 0.50000    11.002117    73.839008     5.447178
94.296200    22.143028   1332.542
 0.75000    11.002117    73.845615     5.447178
94.314389    21.192145   1514.551
 1.00000    11.002117    73.852559     5.447178
94.333409    20.842249   1752.264
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1643

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -10.122410  -275.829546    -2.047224
-419.144438   -22.641915   -1704.558
 0.25000   -10.122410  -275.820807    -2.047224
-419.127688   -23.861603   -1546.393
 0.50000   -10.122410  -275.812313    -2.047224
-419.111708   -25.626911   -1427.651
 0.75000   -10.122410  -275.804200    -2.047224
-419.096875   -28.601163   -1370.267
 1.00000   -10.122410  -275.796608    -2.047224
-419.083538   -32.290162   -1375.037

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    21.161813    94.022560    10.809470
176.049341    55.800238   1371.407
 0.25000    21.161813    94.027537    10.809470
176.063251    49.559501   1455.259
 0.50000    21.161813    94.033051    10.809470
176.078554    44.606989   1590.833
 0.75000    21.161813    94.038997    10.809470
176.094923    40.755176   1802.543
 1.00000    21.161813    94.045247    10.809470
176.112042    37.751219   2069.335

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -19.680389  -301.511896    -2.183779
-640.348834   -32.848816   -2059.033
 0.25000   -19.680389  -301.504020    -2.183779
-640.333759   -36.368019   -1908.674
 0.50000   -19.680389  -301.496376    -2.183779
-640.319377   -41.514950   -1799.347
 0.75000   -19.680389  -301.489075    -2.183779
-640.306028   -48.116931   -1765.442
 1.00000   -19.680389  -301.482242    -2.183779
-640.294024   -55.855282   -1791.823

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    25.716091   137.717509     9.496124
384.105804    64.801639   1900.205
 0.25000    25.716091   149.509284     9.496124
390.739377    61.887282   2056.737
 0.50000    25.716091   162.587252     9.496124
414.714100    60.495260   2245.716
 0.75000    25.716091   176.651744     9.496124
443.031863    60.436413   2485.405
 1.00000    25.716091   191.375557     9.496124
470.585038    61.549729   2777.580

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -23.806976  -512.798656    -7.172123
-623.751717   -59.352420   -2633.420
 0.25000   -23.806976  -493.452622    -7.172123
-602.937360   -58.724762   -2387.843
 0.50000   -23.806976  -474.552649    -7.172123
-591.342697   -59.798806   -2196.689
 0.75000   -23.806976  -456.411280    -7.172123
-591.273790   -62.367174   -2090.630
 1.00000   -23.806976  -439.375289    -7.172123
-591.274466   -66.102630   -2078.743

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    13.931689    91.644576     0.860589
540.565879    31.967852   1204.357
 0.25000    13.931689   106.038574     0.860589
536.228600    35.151933   1327.484
 0.50000    13.931689   122.010766     0.860589
531.890035    39.524190   1444.594
 0.75000    13.931689   139.134265     0.860589
527.552945    44.902457   1553.895
 1.00000    13.931689   156.968939     0.860589
523.215118    50.949036   1680.926
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1644

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -13.044024  -395.398364    -8.907554
-122.927261   -54.475750   -1447.292
 0.25000   -13.044024  -370.688069    -8.907554
-122.927261   -48.585838   -1255.073
 0.50000   -13.044024  -346.387113    -8.907554
-122.927261   -43.347636   -1094.591
 0.75000   -13.044024  -322.953730    -8.907554
-122.927261   -38.658301   -968.202950
 1.00000   -13.044024  -300.823335    -8.907554
-122.927261   -34.339931   -908.666977

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    18.242579   138.084244     1.410481
638.460009    44.498461   1876.786
 0.25000    18.242579   154.883079     1.410481
637.980102    49.252736   2036.371
 0.50000    18.242579   173.513639     1.410481
637.498902    55.517852   2212.507
 0.75000    18.242579   193.500823     1.410481
637.020288    63.241568   2411.656
 1.00000    18.242579   214.345346     1.410481
636.540381    71.933748   2663.071

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.302117  -581.654772   -12.723846
-243.355198   -75.762744   -2389.927
 0.25000   -16.302117  -553.134532   -12.723846
-243.355198   -67.298522   -2093.382
 0.50000   -16.302117  -525.135846   -12.723846
-243.355198   -59.836180   -1849.276
 0.75000   -16.302117  -498.140102   -12.723846
-243.355198   -53.278886   -1661.659
 1.00000   -16.302117  -472.700063   -12.723846
-243.355198   -47.350685   -1584.182

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    21.166725   152.340642     3.751156
579.642359    48.500722   2134.136
 0.25000    21.166725   167.754847     3.751156
579.725918    51.039643   2318.835
 0.50000    21.166725   184.848634     3.751156
579.808242    55.301340   2531.770
 0.75000    21.166725   203.188716     3.751156
579.893036    60.969445   2786.102
 1.00000    21.166725   222.319636     3.751156
579.976595    67.724925   3104.533

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -19.327982  -630.601136   -10.737161
-414.425350   -71.550966   -2829.802
 0.25000   -19.327982  -604.468031   -10.737161
-414.425350   -65.507693   -2501.200
 0.50000   -19.327982  -578.817489   -10.737161
-414.425350   -60.851374   -2236.986
 0.75000   -19.327982  -554.089669   -10.737161
-414.425350   -57.395139   -2055.753
 1.00000   -19.327982  -530.787912   -10.737161
-414.425350   -54.826614   -1995.736

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.108621   149.626859     8.537754
545.870297    64.007655   2075.384
 0.25000    26.108621   162.477769     8.537754
545.957360    62.421238   2247.834
 0.50000    26.108621   176.728435     8.537754
546.043391    62.733055   2453.834
 0.75000    26.108621   192.018158     8.537754
546.131487    64.620435   2731.094
 1.00000    26.108621   207.967296     8.537754
546.218550    67.802907   3027.591
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1645

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -24.433092  -577.985221    -9.226505
-566.029440   -69.790016   -2825.999
 0.25000   -24.433092  -556.199851    -9.226505
-566.029440   -67.304193   -2539.129
 0.50000   -24.433092  -534.816914    -9.226505
-566.029440   -66.576016   -2311.472
 0.75000   -24.433092  -514.203311    -9.226505
-566.029440   -67.412602   -2170.279
 1.00000   -24.433092  -494.778562    -9.226505
-566.029440   -69.430588   -2132.775

 COMB     DB ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.000256   112.777777     9.507778
551.882906    43.122484   1901.274
 0.25000    19.000256   136.111682     9.507778
551.882906    44.698251   2195.597
 0.50000    19.000256   161.586229     9.507778
551.882906    47.427975   2480.869
 0.75000    19.000256   188.737439     9.507778
551.882906    54.084035   2756.951
 1.00000    19.000256   219.416953     9.507778
551.882906    62.835791   3017.189

 COMB     DB ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.368451   -557.640997    -9.200494
-586.523933    -50.734961   -2007.086
 0.25000   -18.368461   -528.811420    -9.200494
-558.423353    -50.981814   -1909.076
 0.50000   -18.368461   -500.501321    -9.200494
-558.393495    -52.124964   -1818.983
 0.75000   -18.368461   -473.206472    -9.200494
-558.366674    -53.915178   -1729.050
 1.00000   -18.368461   -447.470491    -9.200494
-558.347588    -56.469714   -1639.453

 COMB     DL ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.273263   152.340642    12.839616
638.460009    69.061091   2134.136
 0.25000    26.273263   167.754847    12.839616
637.980102    64.573904   2318.835
 0.50000    26.273263   184.848634    12.839616
637.498902    62.733055   2531.770
 0.75000    26.273263   203.188716    12.839616
637.020288    64.620435   2786.102
 1.00000    26.273263   222.319636    12.839616
636.540381    71.933748   3104.533

 COMB     DL ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -24.433092  -630.601136   -12.723846
-712.443006   -75.762744   -2829.802
 0.25000   -24.433092  -604.468031   -12.723846
-692.280892   -67.304193   -2539.129
 0.50000   -24.433092  -578.817489   -12.723846
-690.294039   -66.576016   -2311.472
 0.75000   -24.433092  -554.089669   -12.723846
-689.867806   -67.412602   -2170.279
 1.00000   -24.433092  -530.787912   -12.723846
-689.484566   -69.430588   -2132.775

 COMB     CAR ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.273263   152.340642    12.839616
638.460009    69.061091   2134.136
 0.25000    26.273263   167.754847    12.839616
637.980102    64.573904   2318.835
 0.50000    26.273263   184.848634    12.839616
637.498902    62.733055   2531.770
 0.75000    26.273263   203.188716    12.839616
637.020288    64.620435   2786.102
 1.00000    26.273263   222.319636    12.839616
636.540381    71.933748   3104.533
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1646

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -24.433092  -630.601136   -12.723846
-712.443006   -75.762744   -2829.802
 0.25000   -24.433092  -604.468031   -12.723846
-692.280892   -67.304193   -2539.129
 0.50000   -24.433092  -578.817489   -12.723846
-690.294039   -66.576016   -2311.472
 0.75000   -24.433092  -554.089669   -12.723846
-689.867806   -67.412602   -2170.279
 1.00000   -24.433092  -530.787912   -12.723846
-689.484566   -69.430588   -2132.775

 COMB  DESIGN ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    26.273263   152.340642    12.839616
638.460009    69.061091   2134.136
 0.25000    26.273263   167.754847    12.839616
637.980102    64.573904   2318.835
 0.50000    26.273263   184.848634    12.839616
637.498902    62.733055   2531.770
 0.75000    26.273263   203.188716    12.839616
637.020288    64.620435   2786.102
 1.00000    26.273263   222.319636    12.839616
636.540381    71.933748   3104.533

 COMB  DESIGN ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -24.433092  -630.601136   -12.723846
-712.443006   -75.762744   -2829.802
 0.25000   -24.433092  -604.468031   -12.723846
-692.280892   -67.304193   -2539.129
 0.50000   -24.433092  -578.817489   -12.723846
-690.294039   -66.576016   -2311.472
 0.75000   -24.433092  -554.089669   -12.723846
-689.867806   -67.412602   -2170.279
 1.00000   -24.433092  -530.787912   -12.723846
-689.484566   -69.430588   -2132.775

ELEM     136 ================== LENGTH =    4.928244

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    10.405381    19.995554     5.360921
48.864442    22.170250   342.085134
 0.25000    10.405381    20.007381     5.360921
48.894183    20.013257   376.392042
 0.50000    10.405381    20.020324     5.360921
48.926267    17.869522   412.041414
 0.75000    10.405381    20.033986     5.360921
48.960199    15.773859   448.645229
 1.00000    10.405381    20.049481     5.360921
49.000065    13.717442   485.979720

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -10.129627   -34.287560    -0.601026
-197.375808   -29.237736   -434.918107
 0.25000   -10.129627   -34.272002    -0.601026
-197.338071   -32.209717   -426.234754
 0.50000   -10.129627   -34.258125    -0.601026
-197.305561   -35.868929   -417.613000
 0.75000   -10.129627   -34.244747    -0.601026
-197.274331   -40.135798   -409.098281
 1.00000   -10.129627   -34.232085    -0.601026
-197.251909   -44.957625   -400.599856

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    16.841967    37.231606     8.565316
75.961028    28.129894   740.565118
 0.25000    16.841967    37.243627     8.565316
75.990711    24.752484   812.344933
 0.50000    16.841967    37.256565     8.565316
76.022736    21.580444   888.046816
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1647

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.75000    16.841967    37.270220     8.565316
76.056608    18.801379   967.816587
 1.00000    16.841967    37.285704     8.565316
76.096398    16.345643   1050.522

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.373294   -79.150038    -1.433898
-360.702385   -54.643937   -845.151456
 0.25000   -16.373294   -79.134491    -1.433898
-360.664721   -57.837189   -821.965815
 0.50000   -16.373294   -79.120620    -1.433898
-360.632267   -62.373379   -798.931947
 0.75000   -16.373294   -79.107248    -1.433898
-360.601095   -68.211029   -775.938184
 1.00000   -16.373294   -79.094591    -1.433898
-360.578927   -75.229453   -753.006350

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    17.553807    51.458244     8.135048
106.730682    28.327115   1340.994
 0.25000    17.553807    51.469064     8.135048
106.757408    25.218152   1448.330
 0.50000    17.553807    51.480709     8.135048
106.786241    22.407451   1570.433
 0.75000    17.553807    51.493000     8.135048
106.816736    19.773062   1706.998
 1.00000    17.553807    51.506938     8.135048
106.852561    17.337683   1854.195

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.998090  -147.027024    -1.833405
-463.427184   -51.621165   -1615.462
 0.25000   -16.998090  -147.013029    -1.833405
-463.453273   -54.054192   -1210.995
 0.50000   -16.998090  -147.000544    -1.833405
-463.424054   -57.784005   -1165.672
 0.75000   -16.998090  -146.988508    -1.833405
-463.395989   -62.894831   -1120.379
 1.00000   -16.998090  -146.977116    -1.833405
-463.375992   -69.287874   -1075.147

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.049713   100.623989     7.162378
218.231654    44.274378   2106.154
 0.25000    19.049713   111.863818     7.162378
240.416059    42.706866   2262.529
 0.50000    19.049713   123.990123     7.162378
264.200652    41.790904   2420.895
 0.75000    19.049713   136.805094     7.162378
292.417425    41.382016   2599.950
 1.00000    19.049713   151.046315     7.162378
325.090017    41.398135   2748.069

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.255038   -302.103802    -4.081563
-512.316645    -55.110782    -1503.279
 0.25000   -18.255038   -287.789681    -4.081563
-481.363131    -55.986549    -1438.000
 0.50000   -18.255038   -274.751679    -4.081563
-461.833977    -57.951591    -1372.842
 0.75000   -18.255038   -262.199981    -4.081563
-444.178511    -61.061992    -1307.709
 1.00000   -18.255038   -250.350488    -4.081563
-437.122265    -65.242990    -1242.626

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.027197    20.528832     2.890577
20.152651     5.138356   560.599224
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1648

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.25000    6.027197    20.661103     2.890577
20.479552     4.098450   609.190079
 0.50000    6.027197    20.803456     2.890577
20.832211     3.267723   662.858094
 0.75000    6.027197    20.953705     2.890577
21.205200     2.972746   721.301553
 1.00000    6.027197    21.124101     2.890577
21.643394     2.876878   783.362856

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -5.838342    -64.491692    -1.126296
-689.867806   -67.412602   -2170.279
 1.00000   -24.433092  -530.787912   -12.723846
-689.484566   -69.430588   -2132.775

 ELEM     136 ================== LENGTH =    4.928244

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    10.405381    19.995554     5.360921
48.864442    22.170250   342.085134
 0.25000    10.405381    20.007381     5.360921
48.894183    20.013257   376.392042
 0.50000    10.405381    20.020324     5.360921
48.926267    17.869522   412.041414
 0.75000    10.405381    20.033986     5.360921
48.960199    15.773859   448.645229
 1.00000    10.405381    20.049481     5.360921
49.000065    13.717442   485.979720

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -10.129627   -34.287560    -0.601026
-197.375808   -29.237736   -434.918107
 0.25000   -10.129627   -34.272002    -0.601026
-197.338071   -32.209717   -426.234754
 0.50000   -10.129627   -34.258125    -0.601026
-197.305561   -35.868929   -417.613000
 0.75000   -10.129627   -34.244747    -0.601026
-197.274331   -40.135798   -409.098281
 1.00000   -10.129627   -34.232085    -0.601026
-197.251909   -44.957625   -400.599856

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    16.841967    37.231606     8.565316
75.961028    28.129894   740.565118
 0.25000    16.841967    37.243627     8.565316
75.990711    24.752484   812.344933
 0.50000    16.841967    37.256565     8.565316
76.022736    21.580444   888.046816
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1647

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.75000    16.841967    37.270220     8.565316
76.056608    18.801379   967.816587
 1.00000    16.841967    37.285704     8.565316
76.096398    16.345643   1050.522

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.373294   -79.150038    -1.433898
-360.702385   -54.643937   -845.151456
 0.25000   -16.373294   -79.134491    -1.433898
-360.664721   -57.837189   -821.965815
 0.50000   -16.373294   -79.120620    -1.433898
-360.632267   -62.373379   -798.931947
 0.75000   -16.373294   -79.107248    -1.433898
-360.601095   -68.211029   -775.938184
 1.00000   -16.373294   -79.094591    -1.433898
-360.578927   -75.229453   -753.006350

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    17.553807    51.458244     8.135048
106.730682    28.327115   1340.994
 0.25000    17.553807    51.469064     8.135048
106.757408    25.218152   1448.330
 0.50000    17.553807    51.480709     8.135048
106.786241    22.407451   1570.433
 0.75000    17.553807    51.493000     8.135048
106.816736    19.773062   1706.998
 1.00000    17.553807    51.506938     8.135048
106.852561    17.337683   1854.195

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -16.998090  -147.027024    -1.833405
-463.427184   -51.621165   -1615.462
 0.25000   -16.998090  -147.013029    -1.833405
-463.453273   -54.054192   -1210.995
 0.50000   -16.998090  -147.000544    -1.833405
-463.424054   -57.784005   -1165.672
 0.75000   -16.998090  -146.988508    -1.833405
-463.395989   -62.894831   -1120.379
 1.00000   -16.998090  -146.977116    -1.833405
-463.375992   -69.287874   -1075.147

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    19.049713   100.623989     7.162378
218.231654    44.274378   2106.154
 0.25000    19.049713   111.863818     7.162378
240.416059    42.706866   2262.529
 0.50000    19.049713   123.990123     7.162378
264.200652    41.790904   2420.895
 0.75000    19.049713   136.805094     7.162378
292.417425    41.382016   2599.950
 1.00000    19.049713   151.046315     7.162378
325.090017    41.398135   2748.069

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -18.255038   -302.103802    -4.081563
-512.316645    -55.110782    -1503.279
 0.25000   -18.255038   -287.789681    -4.081563
-481.363131    -55.986549    -1438.000
 0.50000   -18.255038   -274.751679    -4.081563
-461.833977    -57.951591    -1372.842
 0.75000   -18.255038   -262.199981    -4.081563
-444.178511    -61.061992    -1307.709
 1.00000   -18.255038   -250.350488    -4.081563
-437.122265    -65.242990    -1242.626

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.027197    20.528832     2.890577
20.152651     5.138356   560.599224
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                1648

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.25000    6.027197    20.661103     2.890577
20.479552     4.098450   609.190079
 0.50000    6.027197    20.803456     2.890577
20.832211     3.267723   662.858094
 0.75000    6.027197    20.953705     2.890577
21.205200     2.972746   721.301553
 1.00000    6.027197    21.124101     2.890577
21.643394     2.876878   783.362856

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    -5.838342    -64.491692    -1.126296
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-185.680420  -23.768519 -511.243954
 0.25000     -5.838342  -64.320601     -1.126296
-185.265637  -23.454753 -490.333449
 0.50000     -5.838342  -64.167983     -1.126296
-184.908275  -23.891400 -469.423078
 0.75000     -5.838342  -64.020850     -1.126296
-184.564999  -24.963431 -448.512757
 1.00000     -5.838342  -63.881590     -1.126296
-184.319471  -26.719544 -427.602492

 COMB DB-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.310286   50.790303    2.900267
126.378976  13.670468   1470.127
 0.25000    8.310286   50.802327    2.900267
126.408683  13.071046   1550.659
 0.50000    8.310286   50.815267    2.900267
126.440731  12.916107   1658.434
 0.75000    8.310286   50.828925    2.900267
126.474627  13.043533   1797.960
 1.00000    8.310286   50.844413    2.900267
126.514444  13.428545   1959.344

 COMB DB-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.843390 -169.682333   -2.148581
-324.927238 -26.420359   -1072.394
 0.25000   -7.843390 -169.666782   -2.148581
-324.889545 -25.425565   -1021.349
 0.50000   -7.843390 -169.652908   -2.148581
-324.857068 -25.056954  -970.303173
 0.75000   -7.843390 -169.639534   -2.148581
-324.825873  -25.448410 -919.257859
 1.00000   -7.843390 -169.626875   -2.148581
-324.803603  -26.607195 -868.212601

 COMB DB-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.405105   61.880230    6.569614
149.366670  25.521655   1617.738
 0.25000   15.405105   61.891051    6.569614
149.393406  23.431829   1720.448
 0.50000   15.405105   61.902697    6.569614
149.422249  21.744569   1848.987
 0.75000   15.405105   61.914989    6.569614
149.452755  20.273704   2007.053
 1.00000   15.405105   61.928929    6.569614
149.488594  19.003727   2185.274

 COMB DB-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.764974 -183.198440   -2.299762
-451.403593  -48.322171   -1327.163
 0.25000  -14.764974 -183.184443   -2.299762
-451.369669  -49.191438   -1272.560
 0.50000  -14.764974 -183.171957   -2.299762
-451.340441  -51.202273   -1217.958
 0.75000  -14.764974 -183.159920   -2.299762
-451.312365  -54.446279   -1163.355
 1.00000  -14.764974 -183.148527   -2.299762
-451.292322  -58.846160   -1108.896
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1649

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.253600  124.861413    6.020564
286.481460  48.842644   2462.643
 0.25000   19.253600  142.094602    6.020564
288.666503  48.421715   2646.766
 0.50000   19.253600  160.749438    6.020564
313.718598  48.868392   2826.035
 0.75000   19.253600  180.497236    6.020564
336.917513  50.082376   2997.013
 1.00000   19.253600  201.832019    6.020564
357.796034  51.902310   3156.853

 COMB DB-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.416551 -378.846128   -5.458044
-424.637042  -54.827761   -1577.204
 0.25000  -18.416551 -357.370619   -5.458044
-403.614292  -54.081267   -1502.250
 0.50000  -18.416551 -337.235184   -5.458044
-396.514060  -54.280724   -1427.298
 0.75000  -18.416551 -317.887823   -5.458044
-396.514060  -55.512420   -1352.345
 1.00000  -18.416551 -299.686609   -5.458044
-396.514060  -57.712575   -1277.511

 COMB DB-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.164978  115.823406    1.139583
386.648748  47.870780   1782.061
 0.25000   11.164978  137.803102    1.139583
386.648748  50.088625   1917.966
 0.50000   11.164978  161.768291    1.139583
386.648748  53.335258   2020.373
 0.75000   11.164978  187.220246    1.139583
386.648748  57.273516   2089.023
 1.00000   11.164978  213.180341    1.139583
386.648748  62.732412   2127.186

 COMB DB-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.674044 -331.921046   -6.246120
-43.826583  -25.019664 -728.635306
 0.25000  -10.674044 -305.707891   -6.246120
-43.826583  -22.526593 -682.313957
 0.50000  -10.674044 -279.645023   -6.246120
-43.826583  -20.134560 -635.992608
 0.75000  -10.674044 -254.693650   -6.246120
-43.826583  -17.545727 -589.671309
 1.00000  -10.674044 -231.394113   -6.246120
-43.826583  -15.057769 -543.350065

 COMB DB-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.276824  159.035968    1.483860
505.087679  63.348180   2749.208
 0.25000   14.276824  185.324327    1.483860
505.087679  66.328796   2927.115
 0.50000   14.276824  213.914355    1.483860
505.087679  70.602624   3081.673
 0.75000   14.276824  244.251309    1.483860
505.087679  76.139276   3219.661
 1.00000   14.276824  275.721628    1.483860
505.087679  82.831827   3338.430

 COMB DB-G3-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.444651 -470.107403   -8.063615
-147.283873  -36.020025   -1246.813
 0.25000  -13.444651 -438.360291   -8.063615
-147.283873  -32.590044   -1171.174
 0.50000  -13.444651 -407.334033   -8.063615
-147.283873  -29.173440   -1095.536
 0.75000  -13.444651 -377.601164   -8.063615
-147.283873  -25.770621   -1019.897
 1.00000  -13.444651 -349.764790   -8.063615
-147.283873  -22.383733   -944.258117
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1650

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.613913  159.300455    2.680747
461.035166  58.595845   3016.481
 0.25000   16.613913  183.415728    2.680747
461.035166  60.656346   3222.741
 0.50000   16.613913  209.635668    2.680747
461.035166  64.055963   3414.296
 0.75000   16.613913  237.455239    2.680747
461.035166  68.597688   3594.523
 1.00000   16.613913  266.362986    2.680747
461.035166  74.119455   3757.814

 COMB DB-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.753333 -486.283762   -7.876165
-280.319739  -40.410476   -1583.024
 0.25000  -15.753333 -457.124489   -7.876165
-280.319739  -36.975103   -1494.299
 0.50000  -15.753333 -428.676412   -7.876165
-280.319739  -33.917578   -1405.575
 0.75000  -15.753333 -401.411485   -7.876165
-280.319739  -31.284522   -1316.851
 1.00000  -15.753333 -375.878981   -7.876165
-280.319739  -29.112218   -1228.127

 COMB DB-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.993393  146.465985    5.276518
410.778779  56.346687   2790.637
 0.25000   19.993393  166.572040    5.276518
410.778779  56.895970   2991.009
 0.50000   19.993393  188.432631    5.276518
410.778779  58.606482   3180.095
 0.75000   19.993393  211.626816    5.276518
410.778779  61.396762   3360.883
 1.00000   19.993393  235.729878    5.276518
410.778779  65.121655   3528.551

 COMB DB-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.103499 -435.222484   -7.041436
-369.253335  -55.364207   -1639.376
 0.25000  -19.103499 -410.909793   -7.041436
-369.253335  -53.326903   -1556.115
 0.50000  -19.103499 -387.191719   -7.041436
-369.253335  -52.118600   -1472.854
 0.75000  -19.103499 -364.459985   -7.041436
-369.253335  -51.821591   -1389.610
 1.00000  -19.103499 -343.172410   -7.041436
-369.253335  -52.376927   -1306.452

 COMB DL-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.304548   32.956646    7.145010
80.278413  31.546136   589.474002
 0.25000   16.304548   32.962617    7.145010
80.293594  27.576591   636.606839
 0.50000   16.304548   32.969191    7.145010
80.310393  24.129647   683.742467
 0.75000   16.304548   32.976248    7.145010
80.328455  21.116400   731.316041
 1.00000   16.304548   32.983643    7.145010
80.347343  18.385985   778.902820

 COMB DL-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.553255  -56.377900   -0.852726
-254.348345  -31.842087  -584.823088
 0.25000  -14.553255  -56.369434   -0.852726
-254.331732  -35.218042  -604.846350
 0.50000  -14.553255  -56.361213   -0.852726
-254.315775  -39.421580  -624.892474
 0.75000  -14.553255  -56.353395   -0.852726
-254.300901  -44.323893  -644.939681
 1.00000  -14.553255  -56.346106   -0.852726
-254.287477  -49.688048  -665.021071
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1651

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   25.543727   60.856038   10.884524
116.407890  40.939547   1173.020
 0.25000   25.543727   60.862004   10.884524
116.423034  35.128021   1272.283
 0.50000   25.543727   60.868575   10.884524
116.439794  30.206817   1372.259
 0.75000   25.543727   60.875627   10.884524
116.457813  26.039604   1474.321
 1.00000   25.543727   60.883016   10.884524
116.476655  22.683109   1577.463

 COMB DL-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -23.777960 -125.021424   -1.700388
-452.610159  -59.125377   -1119.600
 0.25000  -23.777960 -125.012962   -1.700388
-452.593597  -63.548061   -1147.263
 0.50000  -23.777960 -125.004746   -1.700388
-452.577690  -69.276885   -1174.950
 0.75000  -23.777960 -124.996932   -1.700388
-452.562861  -76.532309   -1202.641
 1.00000  -23.777960 -124.989647   -1.700388
-452.549484  -84.924129   -1230.393

 COMB DL-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   26.586525   88.654562   10.194642
141.014992  43.930957   1896.306
 0.25000   26.586525   88.826424   10.194642
141.451321  38.508822   2056.708
 0.50000   26.586525   89.015668   10.194642
141.934187  33.921098   2222.038
 0.75000   26.586525   89.218791   10.194642
142.453343  30.042132   2392.387
 1.00000   26.586525   89.431639   10.194642
142.996201  26.860931   2564.627

 COMB DL-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -24.239979 -221.021566   -2.124906
-548.245632  -59.391174   -1662.480
 0.25000  -24.239979 -220.777844   -2.124906
-547.768420  -62.874372   -1684.860
 0.50000  -24.239979 -220.541185   -2.124906
-547.310057  -67.645643   -1707.200
 0.75000  -24.239979 -220.316133   -2.124906
-546.882736  -73.798263   -1729.586
 1.00000  -24.239979 -220.106296   -2.124906
-546.497283  -81.032458   -1752.023

 COMB DL-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   28.017148  136.747863    9.216104
258.247212  61.163368   2507.109
 0.25000   28.017148  145.380169    9.216104
277.627282  58.081599   2726.638
 0.50000   28.017148  154.884279    9.216104
299.164291  55.911499   2936.873
 0.75000   28.017148  165.067277    9.216104
322.313707  54.523874   3140.435
 1.00000   28.017148  175.714486    9.216104
346.469851  54.115698   3331.010

 COMB DL-G1-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.120672 -363.842134   -5.156028
-583.254744  -64.650405   -1939.390
 0.25000  -25.120672 -351.542406   -5.156028
-563.143595  -65.794530   -1948.504
 0.50000  -25.120672 -339.577279   -5.156028
-543.805411  -68.181524   -1957.488
 0.75000  -25.120672 -328.181881   -5.156028
-525.845223  -71.855549   -1966.506
 1.00000  -25.120672 -317.549031   -5.156028
-509.863179  -76.735406   -1975.545
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1652

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.583336   33.461339    3.188735
28.533892   8.578185   750.890592
 0.25000    8.583336   33.521007    3.188735
28.685334   7.192504   818.553152
 0.50000    8.583336   33.586710    3.188735
28.852929   6.125880   886.845863
 0.75000    8.583336   33.657231    3.188735
29.033121   5.403670   957.481081
 1.00000    8.583336   33.731128    3.188735
29.221537   5.067433   1029.555

 COMB DL-G2-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.546298  -92.241193   -1.013561
-209.954906  -26.330039  -654.544210
 0.25000   -8.546298  -92.156576   -1.013561
-209.789294  -26.928475  -659.366619
 0.50000   -8.546298  -92.074410   -1.013561
-209.630223  -27.879681  -664.198304
 0.75000   -8.546298  -91.996273   -1.013561
-209.481927  -29.787798  -669.021106
 1.00000   -8.546298  -91.923419   -1.013561
-209.348164  -32.434163  -673.846452

 COMB DL-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.969014   81.492095    3.256244
114.726973  22.466647   1753.391
 0.25000   11.969014   81.498065    3.256244
114.742147  21.566635   1890.269
 0.50000   11.969014   81.504638    3.256244
114.758940  21.037433   2038.667
 0.75000   11.969014   81.511694    3.256244
114.776995  20.843127   2202.757
 1.00000   11.969014   81.519088    3.256244
114.795875  21.143600   2374.220

 COMB DL-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.730005 -228.052061   -2.402638
-346.079103  -32.433652   -1375.026
 0.25000  -10.730005 -228.043595   -2.402638
-346.062498  -31.960869   -1373.547
 0.50000  -10.730005 -228.035375   -2.402638
-346.046550  -31.967207   -1371.973
 0.75000  -10.730005 -228.027558   -2.402638
-346.031681  -32.766716   -1370.462
 1.00000  -10.730005 -228.020269   -2.402638
-346.018267  -34.334030   -1368.937

 COMB DL-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.810543   99.797743    8.086140
159.146160  35.963749   1307.308
 0.25000   22.810543   99.803116    8.086140
159.160416  35.963749   2236.087
 0.50000   22.810543   99.809032    8.086140
159.175530  32.988241   2411.551
 0.75000   22.810543   99.815382    8.086140
159.191779  30.565751   2601.459
 1.00000   22.810543   99.822037    8.086140
159.208771  28.733971   2798.254

 COMB DL-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.828491 -255.653300   -2.785820
-514.922018  -55.977389   -1792.109
 0.25000  -20.828491 -255.645701   -2.785820
-514.907073  -57.833877   -1797.872
 0.50000  -20.828491 -255.638302   -2.785820
-514.892720  -60.702994   -1803.542
 0.75000  -20.828491 -255.631267   -2.785820
-514.879338  -64.781199   -1809.265
 1.00000  -20.828491 -255.624708   -2.785820
-514.867265  -69.921725   -1793.508
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1653

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   27.315904  157.257499    7.675565
313.143392  63.724707   2778.263
 0.25000   27.315904  170.202857    7.675565
322.409636  62.436939   3030.772
 0.50000   27.315904  184.432631    7.675565
348.308108  62.159663   3262.922
 0.75000   27.315904  199.644248    7.675565
376.009721  62.717811   3478.355
 1.00000   27.315904  215.485496    7.675565
403.362715  64.266251   3671.708

 COMB DL-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -24.867480 -433.395777   -6.938809
-503.931810  -66.484000   -2078.753
 0.25000  -24.867480 -414.838282   -6.938809
-482.852613  -65.574752   -2071.771
 0.50000  -24.867480 -396.723791   -6.938809
-462.506393  -65.767179   -2064.614
 0.75000  -24.867480 -379.444485   -6.938809
-459.730101  -67.139338   -2057.423
 1.00000  -24.867480 -363.292734   -6.938809
-459.746832  -69.740254   -2032.447

 COMB DL-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.343740  116.614094    1.694515
424.979882  51.935266   1679.061
 0.25000   14.343740  132.739633    1.694515
420.641449  54.709253   1842.701
 0.50000   14.343740  150.426835    1.694515
416.303016  58.452945   1973.191
 0.75000   14.343740  169.245169    1.694515
411.964583  63.184479   2069.443
 1.00000   14.343740  188.697227    1.694515
407.626150  68.864556   2132.496

 COMB DL-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.257356 -327.028103   -8.058022
-69.885639  -34.822132  -908.263113
 0.25000  -13.257356 -303.602080   -8.058022
-69.885639  -30.556451  -888.502062
 0.50000  -13.257356 -280.595638   -8.058022
-69.885639  -26.755994  -868.859373
 0.75000  -13.257356 -258.549152   -8.058022
-69.885639  -23.315802  -848.984206
 1.00000  -13.257356 -237.896618   -8.058022
-69.885639  -20.409288  -828.711520

 COMB DL-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.758273  173.714789    2.338381
531.919376  73.511562   2661.106
 0.25000   18.758273  192.442497    2.338381
531.439402  77.439580   2891.841
 0.50000   18.758273  212.987396    2.338381
530.959428  82.485806   3095.204
 0.75000   18.758273  234.880171    2.338381
530.479454  88.658883   3275.929
 1.00000   18.758273  257.530582    2.338381
529.999480  96.102773   3424.459

 COMB DL-G3-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.474965 -480.428530  -10.672620
-176.119311  -48.022702   -1583.632
 0.25000  -16.474965 -453.319099  -10.672620
-176.119311  -42.442125   -1552.860
 0.50000  -16.474965 -426.724855  -10.672620
-176.119311  -37.459238   -1522.184
 0.75000  -16.474965 -401.277210  -10.672620
-176.119311  -32.959389   -1485.416
 1.00000  -16.474965 -377.435487  -10.672620
-176.119311  -29.243636   -1455.150
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1654

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   22.206442  184.571657    3.467436
488.447870  69.942009   3103.437
 0.25000   22.206442  201.745164    3.467436
488.531441  72.652900   3378.477
 0.50000   22.206442  220.585537    3.467436
488.615011  76.449681   3628.385
 0.75000   22.206442  240.655279    3.467436
488.698582  81.253139   3856.181
 1.00000   22.206442  261.443587    3.467436
488.782153  87.290708   4055.894

 COMB DL-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.904440 -521.389329   -9.957969
-313.230634  -55.471930   -1995.279
 0.25000  -19.904440 -496.540692   -9.957969
-313.230634  -50.491508   -1971.815
 0.50000  -19.904440 -472.169908   -9.957969
-313.230634  -46.226177   -1948.392
 0.75000  -19.904440 -448.849777   -9.957969
-313.230634  -42.782434   -1924.739
 1.00000  -19.904440 -427.003628   -9.957969
-313.230634  -40.344302   -1901.324

 COMB DL-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   27.599168  176.268562    6.696660
445.858031  70.118395   3027.477
 0.25000   27.599168  190.585376    6.696660
445.945106  70.331447   3295.537
 0.50000   27.599168  206.291800    6.696660
446.032182  71.746424   3543.103
 0.75000   27.599168  223.023192    6.696660
446.119257  74.289313   3772.759
 1.00000   27.599168  240.353778    6.696660
446.206333  78.085357   3979.278

 COMB DL-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.383323 -483.000953   -8.905874
-431.674275  -69.947503   -2132.584
 0.25000  -25.383323 -462.286080   -8.905874
-431.674275  -67.225841   -2116.641
 0.50000  -25.383323 -441.969702   -8.905874
-431.674275  -65.571757   -2102.728
 0.75000  -25.383323 -422.529262   -8.905874
-431.674275  -65.119523   -2087.663
 1.00000  -25.383323 -404.317652   -8.905874
-431.674275  -65.945672   -2072.811

 COMB     DB ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.993393  159.300455    8.565316
505.087679  63.348180   3016.481
 0.25000   19.993393  185.324327    8.565316
505.087679  66.328796   3222.741
 0.50000   19.993393  213.914355    8.565316
505.087679  70.602624   3414.296
 0.75000   19.993393  244.251309    8.565316
505.087679  76.139276   3594.523
 1.00000   19.993393  275.721628    8.565316
505.087679  82.831827   3757.814

 COMB     DB ---------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.103499 -486.283762   -8.063615
-512.316645  -55.364207   -1639.376
 0.25000  -19.103499 -457.124489   -8.063615
-481.363131  -57.837189   -1556.115
 0.50000  -19.103499 -428.676412   -8.063615
-463.424054  -62.373379   -1472.854
 0.75000  -19.103499 -401.411485   -8.063615
-463.395989  -68.211029   -1389.610
 1.00000  -19.103499 -375.878981   -8.063615
-463.375992  -75.229453   -1306.452
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1655

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB     DL ---------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   28.017148  184.571657   10.884524
531.919376  73.511562   3103.437
 0.25000   28.017148  201.745164   10.884524
531.439402  77.439580   3378.477
 0.50000   28.017148  220.585537   10.884524
530.959428  82.485806   3628.385
 0.75000   28.017148  240.655279   10.884524
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530.479454   88.658883   3856.181
 1.00000   28.017148  261.443587   10.884524
529.999480   96.102773   4055.894

 COMB      DL ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.383323 -521.389329  -10.672620
-583.254744  -69.947503   -2132.584
 0.25000  -25.383323 -496.540692  -10.672620
-563.143595  -67.225841   -2117.641
 0.50000  -25.383323 -472.169908  -10.672620
-547.310057  -69.276885   -2102.728
 0.75000  -25.383323 -448.849777  -10.672620
-546.882736  -76.532309   -2087.663
 1.00000  -25.383323 -427.003628  -10.672620
-546.497283  -84.924129   -2072.811

 COMB      CAR ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   28.017148  184.571657   10.884524
531.919376   73.511562   3103.437
 0.25000   28.017148  201.745164   10.884524
531.439402   77.439580   3378.477
 0.50000   28.017148  220.585537   10.884524
530.959428   82.485806   3628.385
 0.75000   28.017148  244.251309   10.884524
530.479454   88.658883   3856.181
 1.00000   28.017148  275.721628   10.884524
529.999480   96.102773   4055.894

 COMB      CAR ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.383323 -521.389329  -10.672620
-583.254744  -69.947503   -2132.584
 0.25000  -25.383323 -496.540692  -10.672620
-563.143595  -67.225841   -2117.641
 0.50000  -25.383323 -472.169908  -10.672620
-547.310057  -69.276885   -2102.728
 0.75000  -25.383323 -448.849777  -10.672620
-546.882736  -76.532309   -2087.663
 1.00000  -25.383323 -427.003628  -10.672620
-546.497283  -84.924129   -2072.811

 COMB    DESIGN ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   28.017148  184.571657   10.884524
531.919376   73.511562   3103.437
 0.25000   28.017148  201.745164   10.884524
531.439402   77.439580   3378.477
 0.50000   28.017148  220.585537   10.884524
530.959428   82.485806   3628.385
 0.75000   28.017148  244.251309   10.884524
530.479454   88.658883   3856.181
 1.00000   28.017148  275.721628   10.884524
529.999480   96.102773   4055.894

 COMB    DESIGN ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.383323 -521.389329  -10.672620
-583.254744  -69.947503   -2132.584
 0.25000  -25.383323 -496.540692  -10.672620
-563.143595  -67.225841   -2117.641
 0.50000  -25.383323 -472.169908  -10.672620
-547.310057  -69.276885   -2102.728
 0.75000  -25.383323 -448.849777  -10.672620
-546.882736  -76.532309   -2087.663
 1.00000  -25.383323 -427.003628  -10.672620
-546.497283  -84.924129   -2072.811
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1656

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM       137 ================== LENGTH
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 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.019100   19.575475    4.442468
 44.789189   13.583665  486.601193
 0.25000   11.019100   19.587772    4.442468
 44.818388   11.624124  505.682139
 0.50000   11.019100   19.600947    4.442468
 44.849967    9.692122  525.420803
 0.75000   11.019100   19.614788    4.442468
 44.883370    7.772898  545.937999
 1.00000   11.019100   19.630449    4.442468
 44.922728    5.899615  566.929129

 COMB DB-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.645901  -22.474936   -1.179947
-120.949810  -43.969331 -400.604617
 0.25000  -10.645901  -22.459214   -1.179947
-120.910550  -45.406575 -383.567509
 0.50000  -10.645901  -22.445220   -1.179947
-120.878349  -47.520771 -366.576880
 0.75000  -10.645901  -22.431804   -1.179947
-120.847597  -50.272739 -349.586284
 1.00000  -10.645901  -22.419191   -1.179947
-120.819009  -53.605477 -332.595695

 COMB DB-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.857359   36.962272    7.196799
 74.520116   10.207360   1051.595
 0.25000   17.857359   36.974563    7.196799
 74.549256   14.009972   1089.288
 0.50000   17.857359   36.987732    7.196799
 74.580775   11.837073   1129.816
 0.75000   17.857359   37.001568    7.196799
 74.614119    9.700349   1173.088
 1.00000   17.857359   37.017218    7.196799
 74.653401    7.599130   1219.144

 COMB DB-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.218476  -54.127052   -3.101039
-235.648323  -73.662833 -752.998126
 0.25000  -17.218476  -54.111351   -3.101039
-235.609180  -74.414359 -717.889027
 0.50000  -17.218476  -54.097362   -3.101039
-235.577036  -76.574083 -682.812977
 0.75000  -17.218476  -54.083952   -3.101039
-235.546340  -80.167065 -647.744796
 1.00000  -17.218476  -54.071344   -3.101039
-235.517809  -84.998561 -612.676622

 COMB DB-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.664809   53.770421    6.922842
151.909400   17.820294   1855.382
 0.25000   18.664809   53.781484    6.922842
151.935636   15.267394   1903.657
 0.50000   18.664809   53.793337    6.922842
151.964014   12.915292   1964.850
 0.75000   18.664809   53.805790    6.922842
151.994035   10.799529   2038.723
 1.00000   18.664809   53.819878    6.922842
152.029402    8.715265   2124.673

 COMB DB-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.910848 -106.546754   -3.424966
-336.538861  -67.563084   -1075.144
 0.25000  -17.910848 -106.532612   -3.424966
-336.503611  -67.639817   -1019.728
 0.50000  -17.910848 -106.520021   -3.424966
-336.474671  -69.139188  -964.338331
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1657

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000  -17.910848 -106.507951   -3.424966
-336.447035  -72.189957 -908.954143
 1.00000  -17.910848 -106.496603   -3.424966
-336.421347  -76.699507 -853.571264

 COMB DB-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.105602  120.066553    6.902028
232.194420   41.823207   2748.903
 0.25000   20.105602  131.558902    6.902028
254.842598   39.892394   2830.245
 0.50000   20.105602  143.904759    6.902028
280.814592   38.491438   2910.290
 0.75000   20.105602  156.895577    6.902028
308.527519   37.794912   2994.162
 1.00000   20.105602  171.297566    6.902028
340.729150   37.383235   3077.969

 COMB DB-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.089240 -249.750805   -5.019946
-430.076708  -63.817784   -1242.635
 0.25000  -19.089240 -235.286408   -5.019946
-399.358633  -63.088840   -1173.500
 0.50000  -19.089240 -222.140225   -5.019946
-372.573422  -63.551568   -1104.392
 0.75000  -19.089240 -209.552414   -5.019946
-351.928823  -65.298289   -1035.316
 1.00000  -19.089240 -197.745087   -5.019946
-335.149960  -68.265447  -966.241680

 COMB DB-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   6.428168   20.594131    2.525644
 46.849344   2.891232   783.790855
 0.25000   6.428168   20.729379    2.525644
 47.110276   2.772386   804.831728
 0.50000   6.428168   20.874273    2.525644
 47.517377   2.656005   832.333676
 0.75000   6.428168   21.026507    2.525644
 47.884555   2.544672   863.400199
 1.00000   6.428168   21.198728    2.525644
 48.317156   2.435193   898.701688

 COMB DB-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -6.160124  -47.283262   -2.056761
-141.044577  -26.160041  -427.590700
 0.25000  -6.160124  -47.110365   -2.056761
-141.059229  -24.999502  -404.226420
 0.50000  -6.160124  -46.956453   -2.056761
-140.705265  -24.702678  -380.867863
 0.75000  -6.160124  -46.808903   -2.056761
-140.367242  -25.236304  -357.516133
 1.00000  -6.160124  -46.670179   -2.056761
-140.053028  -26.394355  -334.164486

 COMB DB-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   8.830689   61.635158    2.857552
181.950336   14.138665   1959.878
 0.25000   8.830689   61.647452    2.857552
181.979500   13.529970   1983.003
 0.50000   8.830689   61.660623    2.857552
182.011043   13.308834   2030.052
 0.75000   8.830689   61.674461    2.857552
182.044410   13.377255   2107.585
 1.00000   8.830689   61.690116    2.857552
182.083723   13.524694   2208.934

 COMB DB-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -8.225205 -131.180911   -2.876508
-279.983830  -25.868007 -868.214256
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1658

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000  -8.225205 -131.165195   -2.876508
-279.944640  -24.147805 -817.331364
 0.50000  -8.225205 -131.151204   -2.876508
-279.912472  -23.222099 -766.458240
 0.75000  -8.225205 -131.137791   -2.876508
-279.881754  -23.218809 -715.591251
 1.00000  -8.225205 -131.125181   -2.876508
-279.853201  -24.115958 -664.727704

 COMB DB-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   16.352039   71.238458    5.882194
197.076895   19.519461   2186.241
 0.25000   16.352039   71.249523    5.882194
197.103143   17.803350   2223.508
 0.50000   16.352039   71.261377    5.882194
197.131531   16.492975   2282.974
 0.75000   16.352039   71.273831    5.882194
197.161562   15.420185   2370.939
 1.00000   16.352039   71.287920    5.882194
197.196943   14.462996   2480.553

 COMB DB-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.504775 -138.121795   -3.885880
-351.433227  -57.457796   -1108.894
 0.25000  -15.504775 -138.107650   -3.885880
-351.397956  -56.548940   -1048.436
 0.50000  -15.504775 -138.094059   -3.885880
-351.369006  -56.915153  -987.986831
 0.75000  -15.504775 -138.082987   -3.885880
-351.341359  -58.685137  -927.541719
 1.00000  -15.504775 -138.071638   -3.885880
-351.315661  -61.778131  -867.100963

 COMB DB-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.265050  151.119012    6.369859
273.688660   52.320288   3157.276
 0.25000   20.265050  168.738459    6.369859
279.624878   51.090220   3260.942
 0.50000   20.265050  187.737543    6.369859
304.226167   50.679059   3352.275
 0.75000   20.265050  207.771354    6.369859
326.938372   51.256429   3435.630
 1.00000   20.265050  229.363214    6.369859
347.843238   52.375730   3508.556

 COMB DB-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.204136 -321.477506   -6.258324
-369.305019   -56.542589   -1277.513
 0.25000  -19.204136 -299.778038   -6.258324
-348.383884   -54.764055   -1203.243
 0.50000  -19.204136 -279.480563   -6.258324
-324.964111   -54.042908   -1129.001
 0.75000  -19.204136 -260.076309   -6.258324
-311.236070   -54.497775   -1054.784
 1.00000  -19.204136 -241.932743   -6.258324
-311.236070   -56.057221  -980.570099

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.559826  145.037710    2.581931
292.514397   62.629222   2126.217
 0.25000   11.559826  167.508231    2.581931
292.514397   62.996554   2218.632
 0.50000   11.559826  191.932105    2.581931
292.514397   64.383162   2276.597
 0.75000   11.559826  217.789523    2.581931
292.514397   66.870830   2299.823
 1.00000   11.559826  244.105765    2.581931
292.514397   70.386608   2291.537
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1659

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.994694 -300.713915   -5.344326
-91.552766  -15.026182 -543.346495
 0.25000  -10.994694 -274.231071   -5.344326
-91.552766  -13.240132 -506.351114
 0.50000  -10.994694 -247.971308   -5.344326
-91.552766  -11.457862 -469.388268
 0.75000  -10.994694 -222.943457   -5.344326
-91.552766   -9.677305 -432.425429
 1.00000  -10.994694 -199.700179   -5.344326
-91.552766   -7.899425 -395.462591

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.776702  205.415699    3.518066
410.889101   82.878180   3337.450
 0.25000   14.776702  232.291286    3.518066
410.889101   83.432801   3442.733
 0.50000   14.776702  261.422784    3.518066
410.889101   85.273803   3522.324
 0.75000   14.776702  292.230084    3.518066
410.889101   88.512617   3584.023
 1.00000   14.776702  324.116386    3.518066
410.889101   93.003607   3623.865

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.795902 -418.551401   -6.879627
-183.105195   -22.370392  -944.270114
 0.25000  -13.795902 -386.476520   -6.879627
-183.105195   -19.898379  -881.539448
 0.50000  -13.795902 -355.211285   -6.879627
-183.105195   -17.440197  -818.871299
 0.75000  -13.795902 -325.388364   -6.879627
-183.105195   -14.997378  -756.203403
 1.00000  -13.795902 -297.624867   -6.879627
-183.105195   -12.575201  -693.535507

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.344191  198.640171    4.264009
418.654298   74.630432   3757.249
 0.25000   17.344191  223.294148    4.264009
418.654298   74.409011   3873.355
 0.50000   17.344191  250.010138    4.264009
418.654298   75.623145   3970.706
 0.75000   17.344191  278.259828    4.264009
418.654298   78.208356   4057.709
 1.00000   17.344191  307.548251    4.264009
418.654298   81.862170   4123.690

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -16.306333 -423.931947   -7.284346
-282.005633   -28.602603   -1228.132
 0.25000  -16.306333 -394.471519   -7.284346
-282.005633   -25.549864   -1150.105
 0.50000  -16.306333 -365.803897   -7.284346
-282.005633   -23.109077   -1072.136
 0.75000  -16.306333 -338.456494   -7.284346
-282.005633   -20.941706  -994.166906
 1.00000  -16.306333 -312.991357   -7.284346
-282.005633   -19.473004  -916.203333

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.981077  179.186261    6.124548
372.658282   65.507554   3528.483
 0.25000   20.981077  199.741458    6.124548
372.658282   64.786780   3640.267
 0.50000   20.981077  222.015609    6.124548
372.658282   65.214906   3737.170
 0.75000   20.981077  245.568360    6.124548
372.658282   66.824872   3823.951
 1.00000   20.981077  269.988778    6.124548
372.658282   69.578708   3898.176
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1660

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.875005 -373.514302   -7.463016
-323.665118   -51.394042   -1306.448
 0.25000  -19.875005 -348.950557   -7.463016
-323.665118   -48.796944   -1227.914
 0.50000  -19.875005 -325.049428   -7.463016
-323.665118   -47.143817   -1149.431
 0.75000  -19.875005 -302.248933   -7.463016
-323.665118   -46.550337   -1070.953
 1.00000  -19.875005 -281.017544   -7.463016
-323.665118   -46.949474   -992.477928

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   17.184878   33.058938    5.754233
 57.932110   18.573963  779.651048
 0.25000   17.184878   33.065293    5.754233
 57.946920   15.986279  805.746822
 0.50000   17.184878   33.072249    5.754233
 57.963302   13.547938  831.915668
 0.75000   17.184878   33.079666    5.754233
 57.980855   11.306198  858.380949
 1.00000   17.184878   33.087392    5.754233
 57.999146    9.433754  884.900520

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -15.262637  -45.821558   -1.738304
-156.406236  -49.272197 -665.205919
 0.25000  -15.262637  -45.813300   -1.738304
-156.389141  -51.338406 -673.977385
 0.50000  -15.262637  -45.805323   -1.738304
-156.372756  -53.813472 -682.753754
 0.75000  -15.262637  -45.797771   -1.738304
-156.357523  -56.789526 -691.531118
 1.00000  -15.262637  -45.790785   -1.738304
-156.343852  -60.382955 -700.307407

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   27.003675   62.961716    8.567470
 95.110383   23.278356   1578.775
 0.25000   27.003675   62.968067    8.567470
 95.125154   20.022945   1632.088
 0.50000   27.003675   62.975019    8.567470
 95.141494   17.179030   1685.781
 0.75000   27.003675   62.982431    8.567470
 95.159004   14.690530   1740.381
 1.00000   27.003675   62.990152    8.567470
 95.177246   12.642745   1796.194

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -24.936302  -98.051959   -3.684506
-286.489292  -84.438617   -1230.621
 0.25000  -24.936302  -98.043706   -3.684506
-286.472248  -86.207695   -1242.371
 0.50000  -24.936302  -98.035733   -3.684506
-286.455911  -88.871805   -1254.134
 0.75000  -24.936302  -98.028185   -3.684506
-286.440723  -92.800818   -1265.891
 1.00000  -24.936302  -98.021202   -3.684506
-286.427095  -97.780198   -1277.646

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   28.230419  100.175140    8.257231
156.960967   28.172591   2566.073
 0.25000   28.230419  100.358077    8.257231
157.390573   24.805776   2647.027
 0.50000   28.230419  100.558308    8.257231
157.861371   21.887026   2732.285
 0.75000   28.230419  100.771807    8.257231
158.365813   19.398160   2821.17
 1.00000   28.230419  100.994182    8.257231
158.891459   17.466826   2915.141
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1661

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -25.498698 -172.092797   -4.085474
-378.387144   -80.723119   -1752.196
 0.25000  -25.498698 -171.855099   -4.085474
-377.896047   -81.673736   -1761.192
 0.50000  -25.498698 -171.625459   -4.085474
-377.425303   -83.569976   -1770.199
 0.75000  -25.498698 -171.408054   -4.085474
-376.987676   -86.710738   -1779.204
 1.00000  -25.498698 -171.206932   -4.085474
-376.594988   -91.017842   -1788.189

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   29.536905  159.736614    8.285437
246.497036   55.305885   3331.897
 0.25000   29.536905  168.951488    8.285437
265.107350   53.335565   3451.102
 0.50000   29.536905  179.030220    8.285437
285.827691   51.969882   3560.448
 0.75000   29.536905  189.762298    8.285437
308.062210   50.995840   3662.042
 1.00000   29.536905  200.916450    8.285437
331.148733   50.581535   3752.651

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -26.227060 -297.688637   -6.041891
-455.447320   -76.341364   -1975.626
 0.25000  -26.227060 -285.721071   -6.041891
-434.523117   -76.489179   -1979.028
 0.50000  -26.227060 -274.134901   -6.041891
-414.384180   -77.534147   -1982.455
 0.75000  -26.227060 -263.149027   -6.041891
-395.723063   -79.624555   -1985.865
 1.00000  -26.227060 -252.979802   -6.041891
-379.138236   -82.692533   -1989.224

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   9.162678   37.504543    2.482807
 48.965377   5.658854   1030.116
 0.25000   9.162678   37.568057    2.482807
 49.113092   4.995260   1064.784
 0.50000   9.162678   37.637575    2.482807
 49.276493   4.599042   1099.799
 0.75000   9.162678   37.711699    2.482807
 49.451588   4.395501   1135.579
 1.00000   9.162678   37.788904    2.482807
 49.634010   4.180164   1173.242

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -8.984743  -70.298782   -2.061496
-147.722289   -32.429511   -673.857477
 0.25000  -8.984743  -70.216256   -2.061496
-147.551854   -31.537511   -675.436602
 0.50000  -8.984743  -70.136527   -2.061496
-147.389481   -31.030328   -677.010430
 0.75000  -8.984743  -70.061047   -2.061496
-147.236603   -31.555547   -678.598557
 1.00000  -8.984743  -69.991219   -2.061496
-147.100324   -32.574963   -680.176951

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.758458   99.826841    3.060873
164.048930   22.454715   2374.887
 0.25000   12.758458   99.833196    3.060873
164.063734   21.756095   2435.206
 0.50000   12.758458   99.840151    3.060873
164.080109   21.367699   2506.564
 0.75000   12.758458   99.847567    3.060873
164.097654   21.252424   2592.278
 1.00000   12.758458   99.855292    3.060873
164.115937   21.416194   2688.040
 Program    SAP2000   Nonlinear   Version   7.42
            File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1662

 F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.252378 -177.415631   -3.189628
-280.847965   -34.408760   -1368.898
 0.25000  -11.252378 -177.407374   -3.189628
-280.830880   -32.994559   -1367.318
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 0.50000   -11.252378  -177.399397    -3.189628
-280.814502   -32.070086    -1365.761
 0.75000   -11.252378  -177.391846    -3.189628
-280.799277   -32.010185    -1364.176
 1.00000   -11.252378  -177.384860    -3.189628
-280.785613   -32.573180    -1362.599

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   24.200734  116.568107     6.754745
190.107213   30.088094    2799.461
 0.25000   24.200734  116.573826     6.754745
190.120537   27.862370    2876.587
 0.50000   24.200734  116.580086     6.754745
190.135274   26.108271    2963.615
 0.75000   24.200734  116.586761     6.754745
190.151065   24.727612    3063.755
 1.00000   24.200734  116.593713     6.754745
190.167520   23.800802    3173.150

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -21.840201  -199.380945    -4.420425
-378.515418   -69.712030    -1793.565
 0.25000   -21.840201  -199.373514    -4.420425
-378.500041   -69.562798    -1790.729
 0.50000   -21.840201  -199.366335    -4.420425
-378.485301   -71.270569    -1787.912
 0.75000   -21.840201  -199.359539    -4.420425
-378.471598   -72.098647    -1785.069
 1.00000   -21.840201  -199.353251    -4.420425
-378.459301   -74.927717    -1788.796

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   28.741743  185.533151     7.390511
272.468038   65.425810    3672.113
 0.25000   28.741743  199.406229     7.390511
282.551680   64.667040    3813.634
 0.50000   28.741743  214.559820     7.390511
306.753367   64.748021    3935.656
 0.75000   28.741743  230.649144     7.390511
332.738363   65.298890    4039.148
 1.00000   28.741743  247.325711     7.390511
359.443563   66.375030    4122.142

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -25.890109  -357.838426    -7.332232
-408.313017   -69.383140    -2032.410
 0.25000   -25.890109  -339.844258    -7.332232
-385.605634   -68.245439    -2025.186
 0.50000   -25.890109  -322.367829    -7.332232
-363.606990   -68.097248    -2017.977
 0.75000   -25.890109  -305.754788    -7.332232
-343.404615   -68.866233    -2010.797
 1.00000   -25.890109  -290.334133    -7.332232
-341.741367   -70.465326    -2009.032

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   14.819997  139.702898     3.045052
307.739420   68.390043    2131.345
 0.25000   14.819997  157.121243     3.045052
303.672857   70.418471    2236.034
 0.50000   14.819997  176.102140     3.045052
299.334582   73.012395    2307.465
 0.75000   14.819997  196.175561     3.045052
294.996308   76.252587    2344.669
 1.00000   14.819997  216.851157     3.045052
290.658034   80.017689    2348.371
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1663

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -13.598062  -281.546044    -6.452791
-106.321049   -20.150882   -828.560701
 0.25000   -13.598062  -258.988913    -6.452791
-106.592837   -18.212283   -820.484501
 0.50000   -13.598062  -236.335238    -6.452791
-106.592837   -16.804768   -812.496879
 0.75000   -13.598062  -215.862845    -6.452791
-106.592837   -15.413748   -804.401255
 1.00000   -13.598062  -196.266492    -6.452791
-106.592837   -14.017340   -796.487914

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   19.353781  211.973618     4.279075
419.183195   96.430331    3423.226
 0.25000   19.353781  232.167244     4.279075
418.703257   98.575221    3555.851
 0.50000   19.353781  254.173526     4.279075
418.223301  101.882980    3660.514
 0.75000   19.353781  277.470238     4.279075
417.743344  105.881509    3741.804
 1.00000   19.353781  301.501911     4.279075
417.263388  110.428612    3792.916

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -16.821655  -407.527575    -8.476801
-211.206771   -28.979617    -1454.948
 0.25000   -16.821655  -381.377978    -8.476801
-211.206771   -26.551346    -1440.759
 0.50000   -16.821655  -355.844021    -8.476801
-211.206771   -24.719441    -1426.507
 0.75000   -16.821655  -331.491243    -8.476801
-211.206771   -22.905625    -1412.340
 1.00000   -16.821655  -308.835449    -8.476801
-211.206771   -21.096602    -1398.189

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   23.196078  223.814801     4.957174
416.970119   88.318213    4055.188
 0.25000   23.196078  242.330692     4.957174
417.053684   89.496395    4209.323
 0.50000   23.196078  262.506456     4.957174
417.137252   91.845531    4337.980
 0.75000   23.196078  283.868043     4.957174
417.220819   94.940494    4443.498
 1.00000   23.196078  305.907693     4.957174
417.304387   98.690734    4522.651

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -20.552462  -434.839056    -8.689495
-303.693591   -40.155780    -1901.126
 0.25000   -20.552462  -410.864963    -8.689495
-303.693591   -37.097732    -1890.806
 0.50000   -20.552462  -387.459884    -8.689495
-303.693591   -34.873761    -1880.597
 0.75000   -20.552462  -365.140746    -8.689495
-303.693591   -32.994006    -1870.343
 1.00000   -20.552462  -344.377951    -8.689495
-303.693591   -31.696669    -1860.111

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   28.960909  209.639821     7.035112
378.944313   79.165771    3979.191
 0.25000   28.960909  225.075585     7.035112
379.031383   79.213097    4128.592
 0.50000   28.960909  241.895109     7.035112
379.118455   80.423683    4256.797
 0.75000   28.960909  259.703288     7.035112
379.205528   82.432727    4365.861
 1.00000   28.960909  278.076873     7.035112
379.292600   85.151742    4453.332
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1664

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -26.348546  -399.608164    -8.768488
-360.176049   -65.618963    -2072.704
 0.25000   -26.348546  -379.622173    -8.768488
-360.176049   -63.405728    -2060.648
 0.50000   -26.348546  -360.110694    -8.768488
-360.176049   -62.231430    -2051.049
 0.75000   -26.348546  -341.504608    -8.768488
-360.176049   -61.966860    -2041.410
 1.00000   -26.348546  -324.195986    -8.768488
-360.176049   -62.417279    -2031.788

 COMB      DB ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   20.981077  205.415699     7.196799
418.654298   82.878180    3757.249
 0.25000   20.981077  232.291286     7.196799
418.654298   83.432801    3873.355
 0.50000   20.981077  261.422784     7.196799
418.654298   85.273803    3970.706
 0.75000   20.981077  292.230084     7.196799
418.654298   88.512617    4055.209
 1.00000   20.981077  324.116386     7.196799
418.654298   93.003607    4123.690

 COMB      DB ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -19.875005  -423.931947    -7.463016
-430.076708   -73.662833    -1306.448
 0.25000   -19.875005  -394.471519    -7.463016
-399.358633   -74.414359    -1227.914
 0.50000   -19.875005  -365.803897    -7.463016
-372.573422   -76.574083    -1149.431
 0.75000   -19.875005  -338.456494    -7.463016
-351.928823   -80.167065    -1070.953
 1.00000   -19.875005  -312.991357    -7.463016
-351.315661   -84.998561    -992.477928

 COMB      DL ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   29.536905  223.814801     8.567470
419.183195   96.430331    4055.188
 0.25000   29.536905  242.330692     8.567470
418.703257   98.575221    4209.323
 0.50000   29.536905  262.506456     8.567470
418.223301  101.882980    4337.980
 0.75000   29.536905  283.868043     8.567470
417.743344  105.881509    4443.498
 1.00000   29.536905  305.907693     8.567470
417.304387  110.428612    4522.651

 COMB      DL ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -26.348546  -434.839056    -8.768488
-455.487320   -84.438617    -2072.704
 0.25000   -26.348546  -410.864963    -8.768488
-434.523117   -86.207695    -2060.648
 0.50000   -26.348546  -387.459884    -8.768488
-414.384180   -88.871805    -2051.049
 0.75000   -26.348546  -365.140746    -8.768488
-395.723063   -92.800818    -2041.410
 1.00000   -26.348546  -344.377951    -8.768488
-379.138236   -97.780198    -2031.788

 COMB      CAR ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   29.536905  223.814801     8.567470
419.183195   96.430331    4055.188
 0.25000   29.536905  242.330692     8.567470
418.703257   98.575221    4209.323
 0.50000   29.536905  262.506456     8.567470
418.654298  101.882980    4337.980
 0.75000   29.536905  292.230084     8.567470
418.654298  105.881509    4443.498
 1.00000   29.536905  324.116386     8.567470
418.654298  110.428612    4522.651
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1665

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -26.348546  -434.839056    -8.768488
-455.487320   -84.438617    -2072.704
 0.25000   -26.348546  -410.864963    -8.768488
-434.523117   -86.207695    -2060.648
 0.50000   -26.348546  -387.459884    -8.768488
-414.384180   -88.871805    -2051.049
 0.75000   -26.348546  -365.140746    -8.768488
-395.723063   -92.800818    -2041.410
 1.00000   -26.348546  -344.377951    -8.768488
-379.138236   -97.780198    -2031.788

 COMB      DESIGN ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   29.536905  223.814801     8.567470
419.183195   96.430331    4055.188
 0.25000   29.536905  242.330692     8.567470
418.703257   98.575221    4209.323
 0.50000   29.536905  262.506456     8.567470
418.654298  101.882980    4337.980
 0.75000   29.536905  292.230084     8.567470
418.654298  105.881509    4443.498
 1.00000   29.536905  324.116386     8.567470
418.654298  110.428612    4522.651

 COMB      DESIGN ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -26.348546  -434.839056    -8.768488
-455.487320   -84.438617    -2072.704
 0.25000   -26.348546  -410.864963    -8.768488
-434.523117   -86.207695    -2060.648
 0.50000   -26.348546  -387.459884    -8.768488
-414.384180   -88.871805    -2051.049
 0.75000   -26.348546  -365.140746    -8.768488
-395.723063   -92.800818    -2041.410
 1.00000   -26.348546  -344.377951    -8.768488
-379.138236   -97.780198    -2031.788

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 =     4.929000

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   11.540491  18.066858     3.016886
41.787676    5.897035   567.138290
 0.25000   11.540491  18.079357     3.016886
41.816690    4.599090   566.154795
 0.50000   11.540491  18.092712     3.016886
41.848132    3.711220   565.943322
 0.75000   11.540491  18.106701     3.016886
41.881412    5.331721   566.375838
 1.00000   11.540491  18.122472     3.016886
41.920639    6.980117   567.573267

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -11.143606  -18.008083    -2.616556
-41.261229   -52.721554  -332.485192
 0.25000   -11.143606  -17.992312    -2.616556
-41.222002   -52.065474  -310.686409
 0.50000   -11.143606  -17.978323    -2.616556
-41.188722   -52.014077  -289.171340
 0.75000   -11.143606  -17.964969    -2.616556
-41.157278   -52.657110  -311.114873
 1.00000   -11.143606  -17.952470    -2.616556
-41.128263   -53.904089  -333.058645

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   18.734797  37.203400     5.489345
105.242315    7.581603    1219.502
 0.25000   18.734797  37.215894     5.489345
105.271270    8.146416    1213.573
 0.50000   18.734797  37.229242     5.489345
105.302653    5.225860    1213.846
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1666

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2            V3
        T           M2           M3
 0.75000   18.734797  37.243225     5.489345
105.335874    6.921246    1215.974
 1.00000   18.734797  37.258986     5.489345
105.375025    8.663230    1220.120

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -18.031006  -37.164320    -4.858385
-104.271583   -83.632736  -612.506635
 0.25000   -18.031006  -37.148560    -4.858385
-104.232431   -82.021908  -570.899994
 0.50000   -18.031006  -37.134576    -4.858385
-104.199211   -81.716894  -529.672258
 0.75000   -18.031006  -37.121228    -4.858385
-104.167826   -82.935811  -571.475217
 1.00000   -18.031006  -37.108735    -4.858385
-104.138870   -85.467097  -613.281218

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   19.629439  73.807363     5.541536
204.058804   14.405905    1225.059
 0.25000   19.629439  73.818608     5.541536
204.084874    7.227647    2106.582
 0.50000   19.629439  73.830623     5.541536
204.113131    6.248485    2099.632
 0.75000   19.629439  73.843209     5.541536
204.143040    7.767489    2106.832
 1.00000   19.629439  73.856995     5.541536
204.178289   10.090861    2125.571

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -18.783106  -73.755910    -4.919230
-203.065260   -75.326557  -853.430457
 0.25000   -18.783106  -73.741724    -4.919230
-203.030011   -73.472885  -792.930020
 0.50000   -18.783106  -73.729138    -4.919230
-203.000101   -73.110310  -732.757572
 0.75000   -18.783106  -73.717253    -4.919230
-202.971844   -73.458810  -793.355331
 1.00000   -18.783106  -73.705879    -4.919230
-202.945773   -77.142606  -854.023115

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   21.061010  153.339514     6.218883
244.949198   37.407527    3078.286
 0.25000   21.061010  165.035648     6.218883
267.644607   35.446849    3077.007
 0.50000   21.061010  177.563844     6.218883
292.099999   34.445845    3072.733
 0.75000   21.061010  190.705793     6.218883
319.598262   35.990691    3077.122
 1.00000   21.061010  205.220408     6.218883
351.532590   38.577364    3078.508

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -19.926586  -205.061883    -5.827003
-350.939190   -67.039196  -966.186395
 0.25000   -19.926586  -190.547324    -5.827003
-318.975097   -64.977131  -895.189566
 0.50000   -19.926586  -177.405500    -5.827003
-292.281632   -64.156056  -824.465944
 0.75000   -19.926586  -164.877594    -5.827003
-267.020671   -65.570120  -895.290064
 1.00000   -19.926586  -153.181932    -5.827003
-244.234489   -68.488640  -966.364038

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   6.784282  29.128617     2.426324
92.635208    2.408625  898.839118
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1667

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2            V3
        T           M2           M3
 0.25000   6.784282  29.266083     2.426324
92.954102    2.274865  892.253433
 0.50000   6.784282  29.412954     2.426324
93.299712    2.142863  888.829623
 0.75000   6.784282  29.566810     2.426324
93.665528    2.016342  892.312682
 1.00000   6.784282  29.740244     2.426324
94.096689    1.891621  898.963416

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -6.465945  -29.780260    -2.222276
-93.681867   -25.975621  -334.121287
 0.25000   -6.465945  -29.602625    -2.222276
-93.250703   -24.992235  -309.794385
 0.50000   -6.465945  -29.452971    -2.222276
-92.884884   -24.677056  -285.507902
 0.75000   -6.465945  -29.306103    -2.222276
-92.539264   -25.275093  -309.866013
 1.00000   -6.465945  -29.168642    -2.222276
-92.220355   -26.553967  -334.227815

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   9.306880  93.249390     3.004932
234.566806   13.765421    2209.115
 0.25000   9.306880  93.261886     3.004932
234.595785   13.064103    2170.524
 0.50000   9.306880  93.275237     3.004932
234.627192   12.780582    2153.977
 0.75000   9.306880  93.289222     3.004932
234.660436   12.658791    2170.517
 1.00000   9.306880  93.304987     3.004932
234.699618   13.585058    2209.102

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -8.606341  -93.301221    -2.815814
-234.337260   -23.601825  -664.226446
 0.25000   -8.606341  -93.285457    -2.815814
-234.298079   -22.185926  -614.603785
 0.50000   -8.606341  -93.271471    -2.815814
-234.264834   -21.661214  -564.518750
 0.75000   -8.606341  -93.258121    -2.815814
-234.233426   -22.384022  -614.489097
 1.00000   -8.606341  -93.245623    -2.815814
-234.204446   -24.129991  -664.608986

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   17.185973  98.694768     5.158556
248.949910   14.631406    2480.884
 0.25000   17.185973  98.706014     5.158556
248.975991   13.395055    2445.340
 0.50000   17.185973  98.718030     5.158556
249.004257   13.027424    2430.059
 0.75000   17.185973  98.730611     5.158556
249.034177   13.700016    2445.484
 1.00000   17.185973  98.744805     5.158556
249.069440   15.510112    2481.180

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -16.228082  -98.654848    -4.688824
-248.229324   -60.651187  -867.015791
 0.25000   -16.228082  -98.640660    -4.688824
-248.194060   -58.766758  -803.928111
 0.50000   -16.228082  -98.628073    -4.688824
-248.164140   -58.222649  -741.068066
 0.75000   -16.228082  -98.616057    -4.688824
-248.135873   -59.391564  -804.118778
 1.00000   -16.228082  -98.604812    -4.688824
-248.109791   -62.005711  -867.303080
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1668

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   21.203425  191.133288     6.495870
261.514444   52.239377    3508.687
 0.25000   21.203425  209.097399     6.495870
267.662295   50.385215    3523.839
 0.50000   21.203425  228.406073     6.495870
292.168302   49.785054    3524.479
 0.75000   21.203425  248.698243     6.495870
314.822368   50.899025    3523.848
 1.00000   21.203425  270.484252     6.495870
335.727155   53.438484    3508.688

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -20.016663  -270.316456    -6.295366
-335.510266   -55.022466  -980.569426
 0.25000   -20.016663  -248.530573    -6.295366
-314.603952   -52.809686  -906.905364
 0.50000   -20.016663  -228.238691    -6.295366
-291.952078   -51.715908  -833.431069
 0.75000   -20.016663  -208.930572    -6.295366
-267.448230   -53.254884  -906.258309
 1.00000   -20.016663  -190.967311    -6.295366
-261.278716   -56.241502  -980.425242

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   11.989790  171.676172     3.878010
189.977559   69.797969    2291.027
 0.25000   11.989790  194.667768     3.878010
189.977559   68.363969    2340.586
 0.50000   11.989790  219.563041     3.878010
189.977559   67.971713    2354.519
 0.75000   11.989790  245.818987     3.878010
189.977559   68.782127    2340.399
 1.00000   11.989790  272.436575     3.878010
189.977559   70.632076    2290.615

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -11.373783  -272.281020    -4.214419
-190.834813   -7.740735  -395.572816
 0.25000   -11.373783  -245.663698    -4.214419
-190.834813   -6.633355   -363.072234
 0.50000   -11.373783  -219.408160    -4.214419
-190.834813   -5.529505  -330.571790
 0.75000   -11.373783  -194.514079    -4.214419
-190.834813   -6.575658  -362.568485
 1.00000   -11.373783  -171.523887    -4.214419
-190.834813   -7.985453  -394.938035

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   15.324253  250.512493     5.066042
295.780093   92.315870    3623.387
 0.25000   15.324253  277.982993     5.066042
295.780093   90.531767    3656.179
 0.50000   15.324253  307.651160     5.066042
295.780093   90.041353    3660.022
 0.75000   15.324253  338.910852     5.066042
295.780093   91.031355    3655.908
 1.00000   15.324253  371.138221     5.066042
295.780093   93.325705    3622.798

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   -14.239766  -370.922608    -5.465435
-296.820192   -12.329148   -693.700878
 0.25000   -14.239766  -338.695521    -5.465435
-296.820192   -10.734681   -637.578845
 0.50000   -14.239766  -307.436471    -5.465435
-296.820192   -9.157226   -581.458449
 0.75000   -14.239766  -277.769394    -5.465435
-296.820192   -10.393837   -636.851642
 1.00000   -14.239766  -250.380457    -5.465435
-296.820192   -12.345623   -692.791898
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1669

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2            V3
        T           M2           M3
 0.00000   18.085983  254.533001     5.772446
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352.527163   81.407338   4123.356
 0.25000   18.085983  279.730105    5.772446
352.527163   79.444332   4146.333
 0.50000   18.085983  306.935894    5.772446
352.527163   78.818739   4148.070
 0.75000   18.085983  335.598341    5.772446
352.527163   79.505833   4146.112
 1.00000   18.085983  365.197852    5.772446
352.527163   82.191515   4122.870

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.922806 -365.018927   -6.013267
-353.192207  -19.003519 -916.334660
 0.25000  -16.922806 -335.419671   -6.013267
-353.192207  -16.977345  -844.116372
 0.50000  -16.922806 -306.757805   -6.013267
-353.192207  -15.492055 -771.900629
 0.75000  -16.922806 -279.553003   -6.013267
-353.192207  -16.981669 -843.456586
 1.00000  -16.922806 -254.357327   -6.013267
-353.192207  -19.501494 -915.523175

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.925578  224.967021    6.912184
333.426162   69.255467   3898.035
 0.25000   21.925578  245.974963    6.912184
333.426162   67.493844   3916.560
 0.50000   21.925578  268.657399    6.912184
333.426162   66.912747   3917.670
 0.75000   21.925578  292.554211    6.912184
333.426162   67.468759   3916.478
 1.00000   21.925578  317.233938    6.912184
333.426162   70.178764   3897.844

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.686943 -317.057419   -6.883884
-333.559696  -46.063216 -992.523895
 0.25000  -20.686943 -292.377904   -6.883884
-333.559696  -43.692442 -916.641313
 0.50000  -20.686943 -268.481577   -6.883884
-333.559696  -42.316581 -840.887690
 0.75000  -20.686943 -245.799963   -6.883884
-333.559696  -44.031068 -916.284612
 1.00000  -20.686943 -224.793211   -6.883884
-333.559696  -47.142163 -992.107454

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.880690   35.593388    3.651886
 70.583877    9.221652  885.145423
 0.25000   17.880690   35.600078    3.651886
 70.598087    8.377573  885.108387
 0.50000   17.880690   35.607351    3.651886
 70.613860    8.190576  885.267048
 0.75000   17.880690   35.615071    3.651886
 70.630785    9.246741  885.427553
 1.00000   17.880690   35.623083    3.651886
 70.648433   10.622217  885.770221

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.884727  -35.566955   -3.483241
-70.326667  -59.720039 -700.320163
 0.25000  -15.884727  -35.558942   -3.483241
-70.309015  -59.060257 -700.503278
 0.50000  -15.884727  -35.551222   -3.483241
-70.292082  -59.180464 -700.686390
 0.75000  -15.884727  -35.543950   -3.483241
-70.276305  -59.941733 -700.872163
 1.00000  -15.884727  -35.537265   -3.483241
-70.262087  -61.269897 -701.057402
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1670

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   28.138490   72.227335    6.155184
143.006318  12.484567   1796.631
 0.25000   28.138490   72.234021    6.155184
143.014187  11.446715   1796.327
 0.50000   28.138490   72.241290    6.155184
143.029916  11.190697   1796.439
 0.75000   28.138490   72.249006    6.155184
143.046796  12.286116   1796.803
 1.00000   28.138490   72.257012    6.155184
143.064395  13.752847   1797.573

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -25.950296  -72.234555   -5.878843
-142.665790  -96.926502  -1277.642
 0.25000  -25.950296  -72.226547   -5.878843
-142.648187  -95.563181  -1277.879
 0.50000  -25.950296  -72.218832   -5.878843
-142.631300  -95.414994  -1278.115
 0.75000  -25.950296  -72.211564   -5.878843
-142.615566  -96.585158  -1278.353
 1.00000  -25.950296  -72.204883   -5.878843
-142.601389  -98.718246  -1278.595

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   29.442802  127.041670    6.254375
226.670142  17.881392   2915.612
 0.25000   29.442802  127.234251    6.254375
227.078406  16.327711   2910.023
 0.50000   29.442802  127.443622    6.254375
227.531628  15.772615   2908.090
 0.75000   29.442802  127.665860    6.254375
228.017974  16.945563   2910.431
 1.00000   29.442802  127.896474    6.254375
228.525068  18.676943   2916.387

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -26.555175 -127.869321   -5.972671
-228.128022  -90.426247  -1788.166
 0.25000  -26.555175 -127.638651   -5.972671
-227.620813  -88.776338  -1788.360
 0.50000  -26.555175 -127.416446   -5.972671
-227.134258  -88.498507  -1788.568
 0.75000  -26.555175 -127.207116   -5.972671
-226.680907  -89.575477  -1788.772
 1.00000  -26.555175 -127.014664   -5.972671
-226.272420  -91.799899  -1788.974

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   30.731831  197.478135    7.170249
275.376924  50.570227   3752.930
 0.25000   30.731831  207.203096    7.170249
292.930602  49.246194   3767.843
 0.50000   30.731831  217.766377    7.170249
312.579664  48.899404   3772.002
 0.75000   30.731831  228.961401    7.170249
333.723447  49.976576   3768.030
 1.00000   30.731831  240.554993    7.170249
355.697318  51.665686   3753.297

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.108016 -246.499430   -4.697079
-191.108576  -12.956162 -796.498252
 0.25000  -14.108016 -224.810986   -4.697079
-195.026058  -12.810029 -796.297074
 0.50000  -14.108016 -203.654835   -4.697079
-197.814427  -12.662320 -796.113021
 0.75000  -14.108016 -183.549246   -4.697079
-199.397097  -13.303821 -795.966554
 1.00000  -14.108016 -164.956009   -4.697079
-199.847587  -14.078972 -795.830608

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.029146  255.576307    6.178922
309.311183  109.185705   3792.508
 0.25000   20.029146  277.077746    6.178922
309.311183  108.590070   3833.269
 0.50000   20.029146  300.354059    6.178922
309.296511  108.576586   3845.214
 0.75000   20.029146  324.875668    6.178922
308.836058  109.292039   3832.918
 1.00000   20.029146  350.071232    6.178922
308.356011  110.598691   3791.640

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -17.392352 -349.955201   -6.301440
-308.735338  -19.815551  -1398.198
 0.25000  -17.392352 -324.784468   -6.301440
-309.215385  -19.510234  -1397.788
 0.50000  -17.392352 -300.271577   -6.301440
-309.680762  -19.219423  -1397.557
 0.75000  -17.392352 -276.998960   -6.301440
-309.700356  -19.973440  -1397.354
 1.00000  -17.392352 -255.485086   -6.301440
-309.700356  -20.001376  -1397.318
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1673

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   24.100938  278.051826    6.784589
354.753524  97.984055   4522.407
 0.25000   24.100938  297.759938    6.784589
354.753524  96.965801   4560.678
 0.50000   24.100938  319.095599    6.784589
354.753738  96.736529   4572.147
 0.75000   24.100938  341.575780    6.784589
354.836276  97.257567   4560.408
 1.00000   24.100938  364.678236    6.784589
354.919859  98.803959   4521.718

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -21.318937 -364.592381   -6.831330
-355.222576  -30.688333  -1860.092
 0.25000  -21.318937 -341.512605   -6.831330
-355.138993  -29.679690  -1859.861
 0.50000  -21.318937 -319.036056   -6.831330
-355.055624  -29.129027  -1859.663
 0.75000  -21.318937 -297.708072   -6.831330
-355.054578  -30.054555  -1859.497
 1.00000  -21.318937 -277.988571   -6.831330
-355.054578  -31.607822  -1859.353

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   30.130205  258.238261    7.909120
348.617213  84.626641   4453.296
 0.25000   30.130205  274.667769    7.909120
348.617213  83.541977   4485.166
 0.50000   30.130205  292.454092    7.909120
348.617563  83.309519   4494.820
 0.75000   30.130205  311.194639    7.909120
348.703436  83.897244   4485.118
 1.00000   30.130205  330.454091    7.909120
348.790525  85.626484   4453.071

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -27.360533 -330.385734   -7.845135
-348.330057  -91.013045  -2031.740
 0.25000  -27.360533 -311.145186   -7.845135
-348.845969  -60.027830  -2025.432
 0.50000  -27.360533 -292.407667   -7.845135
-348.759230  -59.488852  -2025.345
 0.75000  -27.360533 -274.627741   -7.845135
-348.758014  -60.649140  -2025.273
 1.00000  -27.360533 -258.188739   -7.845135
-348.758014  -62.689393  -2031.480

 COMB     DB ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   21.925578  254.533091    6.912184
352.527163  92.315870   4123.356
 0.25000   21.925578  279.730105    6.912184
352.527163  90.531767   4146.333
 0.50000   21.925578  307.651160    6.912184
352.527163  90.041353   4148.070
 0.75000   21.925578  338.910852    6.912184
352.527163  91.013055   4146.112
 1.00000   21.925578  371.138221    6.912184
352.527163  93.325705   4122.870

 COMB     DB ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -20.686943 -370.922608   -6.883884
-353.192207  -83.632736 -992.523895
 0.25000  -20.686943 -338.695521   -6.883884
-353.192207  -82.021908 -916.641313
 0.50000  -20.686943 -307.436471   -6.883884
-353.192207  -81.716894 -840.887690
 0.75000  -20.686943 -279.553003   -6.883884
-353.192207  -82.935811 -916.284612
 1.00000  -20.686943 -254.357327   -6.883884
-353.192207  -85.467097 -992.107454
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1674

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   30.731831  278.051826    7.909120
354.753524  109.185705  4522.407
 0.25000   30.731831  297.759938    7.909120
354.753524  108.590070  4560.678
 0.50000   30.731831  319.095599    7.909120
354.753738  108.576586  4572.147
 0.75000   30.731831  341.575780    7.909120
354.836276  109.292039  4560.408
 1.00000   30.731831  364.678236    7.909120
355.697318  110.598691  4521.718

 COMB     DL ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -27.360533 -364.592381   -7.845135
-355.479635  -96.926502  -2031.740
 0.25000  -27.360533 -341.512605   -7.845135
-355.138993  -95.563181  -2025.432
 0.50000  -27.360533 -319.036056   -7.845135
-355.055624  -95.414994  -2025.345
 0.75000  -27.360533 -297.708072   -7.845135
-355.054578  -96.585158  -2025.273
 1.00000  -27.360533 -277.988571   -7.845135
-355.054578  -98.718246  -2031.480

 COMB    CAR ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   30.731831  278.051826    7.909120
354.753524  109.185705  4522.407
 0.25000   30.731831  297.759938    7.909120
354.753524  108.590070  4560.678
 0.50000   30.731831  319.095599    7.909120
354.753738  108.576586  4572.147
 0.75000   30.731831  341.575780    7.909120
354.836276  109.292039  4560.408
 1.00000   30.731831  371.138221    7.909120
355.697318  110.598691  4521.718

 COMB    CAR ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -27.360533 -370.922608   -7.845135
-355.479635  -96.926502  -2031.740
 0.25000  -27.360533 -341.512605   -7.845135
-355.138993  -95.563181  -2025.432
 0.50000  -27.360533 -319.036056   -7.845135
-355.055624  -95.414994  -2025.345
 0.75000  -27.360533 -297.708072   -7.845135
-355.054578  -96.585158  -2025.273
 1.00000  -27.360533 -277.988571   -7.845135
-355.054578  -98.718246  -2031.480
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1675

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      139 ================== LENGTH
=    4.928063

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.930007   22.244732    1.498924
121.554625   6.081422   567.263810
 0.25000   11.930007   22.257348    1.498924
121.583219   8.315263   546.444821
 0.50000   11.930007   22.270765    1.498924
121.613978  10.604046   526.313479
 0.75000   11.930007   22.284761    1.498924
121.646186  12.930227   506.839753
 1.00000   11.930007   22.300484    1.498924
121.685431  15.277627   488.044705

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.603585  -19.545259   -3.996046
-45.566654  -53.178604  -333.106062
 0.25000  -11.603585  -19.529598   -3.996046
-45.547288  -50.441669  -350.342397
 0.50000  -11.603585  -19.515755   -3.996046
-45.513878  -48.272655  -367.578737
 0.75000  -11.603585  -19.502580   -3.996046
-45.482292  -46.721443  -384.815108
 1.00000  -11.603585  -19.490283   -3.996046
-45.453086  -45.829488  -402.085066

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   19.399042   53.826494    3.620471
236.702138   7.492803   1219.609
 0.25000   19.399042   53.839103    3.620471
236.730676   9.924243   1173.938
 0.50000   19.399042   53.852515    3.620471
236.761378  12.472267   1131.073
 0.75000   19.399042   53.866505    3.620471
236.795529  15.045579   1090.945
 1.00000   19.399042   53.882218    3.620471
236.832657  17.928848   1053.639

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -18.782606  -36.891802   -6.504385
-75.568878  -84.361901  -613.352066
 0.25000  -18.782606  -36.876151   -6.504385
-75.529589  -80.448128  -648.755476
 0.50000  -18.782606  -36.862314   -6.504385
-75.496238  -77.759719  -684.159890
 0.75000  -18.782606  -36.849145   -6.504385
-75.464712  -76.478187  -719.567495
 1.00000  -18.782606  -36.836854   -6.504385
-75.435564  -76.567304  -754.996215

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   20.365463  106.288298    3.957734
337.566657   8.774937   2125.042
 0.25000   20.365463  106.299648    3.957734
337.592351  11.135740   2039.418
 0.50000   20.365463  106.311719    3.957734
337.619993  13.657901   1965.885
 0.75000   20.365463  106.324311    3.957734
337.648939  16.291271   1905.024
 1.00000   20.365463  106.338455    3.957734
337.684175  19.197186   1857.071

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -19.578999  -53.711396   -6.246293
-152.547658  -76.230115  -854.069349
 0.25000  -19.578999  -53.697308   -6.246293
-152.512284  -72.627570  -909.732094
 0.50000  -19.578999  -53.684853   -6.246293
-152.482258  -70.474953  -965.397315
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1676
```

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-19.578999	-53.673000	-6.246293
-152.453873	-69.840954	-1021.066	
1.00000	-19.578999	-53.661937	-6.246293
-152.427630	-70.595124	-1076.749	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.857148	197.660588	5.329914
335.960041	36.995263	3078.116	
0.25000	21.857148	209.469666	5.329914
352.742217	37.803749	2934.443	
0.50000	21.857148	222.059025	5.329914
373.292155	39.006588	2910.716	
0.75000	21.857148	235.206532	5.329914
400.083938	40.831786	2830.807	
1.00000	21.857148	249.672098	5.329914
430.808592	43.219457	2749.589	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.748696	-171.108218	-6.445101
-341.369010	-67.325861	-966.369190	
0.25000	-20.748696	-156.705686	-6.445101
-309.160166	-64.215372	-1035.574	
0.50000	-20.748696	-143.713865	-6.445101
-281.440435	-64.318382	-1104.781	
0.75000	-20.748696	-131.367786	-6.445101
-255.461639	-64.678581	-1174.014	
1.00000	-20.748696	-119.875736	-6.445101
-232.853322	-66.201635	-1243.266	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.061342	46.619811	2.250435
140.441642	1.863751	898.782841	
0.25000	7.061342	46.758554	2.250435
140.755929	1.852858	863.559090	
0.50000	7.061342	46.906121	2.250435
141.094027	1.881720	832.574690	
0.75000	7.061342	47.060048	2.250435
141.448067	1.921029	805.155470	
1.00000	7.061342	47.232958	2.250435
141.879240	2.416241	784.195182	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.746458	-21.169831	-2.313592
-48.261456	-26.269233	-334.240506	
0.25000	-6.746458	-20.997598	-2.313592
-47.828771	-25.389287	-357.648615	
0.50000	-6.746458	-20.845356	-2.313592
-47.461515	-25.134756	-381.056771	
0.75000	-6.746458	-20.700858	-2.313592
-47.114336	-25.703311	-404.469538	
1.00000	-6.746458	-20.565212	-2.313592
-46.793325	-27.129934	-427.889722	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.703646	131.124792	3.060405
280.179682	13.115968	2208.893	
0.25000	9.703646	131.137404	3.060405
280.208242	12.876915	2107.640	
0.50000	9.703646	131.150818	3.060405
280.238967	12.642446	2010.004	
0.75000	9.703646	131.164810	3.060405
280.271141	13.016256	1982.947	
1.00000	9.703646	131.180527	3.060405
280.310315	13.586201	1959.813	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.977116	-61.632983	-2.649337
-181.880943	-23.859849	-664.587988	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1677

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-8.977116	-61.617328	-2.649337
-181.841623	-23.289048	-715.444303	
0.50000	-8.977116	-61.603489	-2.649337
-181.808248	-23.622535	-766.305337	
0.75000	-8.977116	-61.590317	-2.649337
-181.776698	-24.864232	-817.170420	
1.00000	-8.977116	-61.578023	-2.649337
-181.747527	-26.890521	-868.043584	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.842380	137.951130	4.281243
352.177573	14.255175	2480.750	
0.25000	17.842380	137.962481	4.281243
352.203277	15.486631	2371.325	
0.50000	17.842380	137.974553	4.281243
352.230929	16.923974	2283.557	
0.75000	17.842380	137.987146	4.281243
352.259886	18.570899	2224.283	
1.00000	17.842380	138.001292	4.281243
352.295143	20.558307	2187.217	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.913211	-71.176342	-5.361001
-197.510846	-61.227706	-867.321080	
0.25000	-16.913211	-71.162252	-5.361001
-197.475459	-58.872778	-927.923355	
0.50000	-16.913211	-71.149797	-5.361001
-197.445421	-57.836204	-988.531148	
0.75000	-16.913211	-71.137943	-5.361001
-197.417026	-58.175664	-1049.142	
1.00000	-16.913211	-71.126878	-5.361001
-197.390772	-59.762953	-1109.758	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.023295	241.944412	6.391020
312.404330	51.748479	3508.534	
0.25000	22.023295	260.090839	6.391020
312.404330	51.083406	3435.600	
0.50000	22.023295	279.497631	6.391020
325.361375	51.037703	3352.240	
0.75000	22.023295	299.797275	6.391020
348.792965	51.932729	3260.894	
1.00000	22.023295	321.498603	6.391020
369.724880	53.621702	3157.224	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.839307	-229.148609	-6.110644
-348.531665	-55.002083	-980.409829	
0.25000	-20.839307	-207.555480	-6.110644
-327.632326	-54.221255	-1054.629	
0.50000	-20.839307	-187.520853	-6.110644
-304.911423	-54.542032	-1128.851	
0.75000	-20.839307	-168.521673	-6.110644
-280.299501	-56.017122	-1203.091	
1.00000	-20.839307	-150.902968	-6.110644
-274.421760	-58.526944	-1277.363	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.466325	199.888474	4.993398
90.981673	69.515068	2291.232	
0.25000	12.466325	223.135858	4.993398
90.981673	66.421094	2299.243	
0.50000	12.466325	248.167361	4.993398
90.981673	64.354571	2275.737	
0.75000	12.466325	274.430251	4.993398
90.981673	63.384729	2217.487	
1.00000	12.466325	300.915641	4.993398
90.981673	63.425951	2124.790	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1678

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.825360	-243.902731	-2.893071
-293.309366	-6.919379	-394.898712	
0.25000	-11.825360	-217.585083	-2.893071
-293.309366	-8.993375	-431.643522	
0.50000	-11.825360	-191.727139	-2.893071
-293.309366	-11.075784	-468.388333	
0.75000	-11.825360	-167.303760	-2.893071
-293.309366	-13.166070	-505.133149	
1.00000	-11.825360	-144.834909	-2.893071
-293.309366	-15.257287	-541.898379	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.936597	297.884721	6.452523
182.422792	51.824684	3623.411	
0.25000	15.936597	325.652968	6.452523
182.422792	87.835752	3583.181	
0.50000	15.936597	355.480110	6.452523
182.422792	85.109497	3521.089	
0.75000	15.936597	386.748956	6.452523
182.422792	83.776640	3441.097	
1.00000	15.936597	418.826401	6.452523
182.422792	83.730907	3335.407	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.797778	-323.828461	-3.875468
-411.758749	-11.035720	-692.715859	
0.25000	-14.797778	-291.940405	-3.875468
-411.758749	-13.809493	-755.082096	
0.50000	-14.797778	-261.132294	-3.875468
-411.758749	-16.602122	-817.448333	
0.75000	-14.797778	-232.001178	-3.875468
-411.758749	-19.412515	-879.814737	
1.00000	-14.797778	-205.127327	-3.875468
-411.758749	-22.243902	-942.225790	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.831657	313.203286	7.034333
281.619489	80.671176	4123.302	
0.25000	18.831657	338.672764	7.034333
281.619489	77.435320	4054.505	
0.50000	18.831657	366.024026	7.034333
281.619489	75.334209	3969.676	
0.75000	18.831657	394.694948	7.034333
281.619489	74.578675	3871.993	
1.00000	18.831657	424.158106	7.034333
281.619489	75.080300	3755.553	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.612458	-307.306857	-4.467109
-419.138098	-18.318578	-915.454278	
0.25000	-17.612458	-278.016818	-4.467109
-419.138098	-20.274941	-991.163566	
0.50000	-17.612458	-249.766368	-4.467109
-419.138098	-22.799787	-1070.879	
0.75000	-17.612458	-223.050700	-4.467109
-419.138098	-25.859282	-1148.595	
1.00000	-17.612458	-198.398300	-4.467109
-419.138098	-29.396719	-1226.354	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.791351	281.111445	7.436003
323.786764	68.427874	3898.011	
0.25000	22.791351	302.346454	7.436003
323.786764	66.384167	3823.655	
0.50000	22.791351	325.150165	7.436003
323.786764	65.329474	3736.745	
0.75000	22.791351	349.054045	7.436003
323.786764	65.405904	3639.701	
1.00000	22.791351	373.620116	7.436003
323.786764	66.613480	3527.783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1679

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.536797	-269.743036	-6.043720
-373.454521	-45.758967	-992.076978	
0.25000	-21.536797	-245.321269	-6.043720
-373.454521	-46.098261	-1070.452	
0.50000	-21.536797	-221.767885	-6.043720
-373.454521	-47.426364	-1148.830	
0.75000	-21.536797	-199.494003	-6.043720
-373.454521	-49.800130	-1227.211	
1.00000	-21.536797	-178.940117	-6.043720
-373.454521	-53.099665	-1305.633	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.359809	45.681004	1.823164
157.142537	9.466954	885.375546	
0.25000	18.359809	45.687987	1.823164
157.156223	11.971075	859.242017	
0.50000	18.359809	45.695541	1.823164
157.171453	14.670528	833.163870	
0.75000	18.359809	45.703526	1.823164
157.187837	17.497729	807.401416	
1.00000	18.359809	45.711782	1.823164
157.204934	20.389469	781.699135	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.415349	-32.983421	-5.511083
-58.607203	-60.221195	-700.893695	
0.25000	-16.415349	-32.975701	-5.511083
-58.588899	-57.399688	-692.557598	
0.50000	-16.415349	-32.968283	-5.511083
-58.571334	-55.008397	-684.222500	
0.75000	-16.415349	-32.961328	-5.511083
-58.554946	-53.039328	-675.887487	
1.00000	-16.415349	-32.954973	-5.511083
-58.540135	-51.376200	-667.558753	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.894344	97.862337	3.867784
287.541208	12.381687	1796.903	
0.25000	28.894344	97.869317	3.867784
287.554852	15.006417	1741.663	
0.50000	28.894344	97.876867	3.867784
287.570037	17.893817	1687.665	
0.75000	28.894344	97.884847	3.867784
287.586372	21.026802	1634.551	
1.00000	28.894344	97.893098	3.867784
287.603418	24.638856	1581.807	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.809937	-62.891111	-8.210627
-96.156564	-97.522758	-1278.357	
0.25000	-26.809937	-62.883396	-8.210627
-96.138307	-93.445746	-1267.181	
0.50000	-26.809937	-62.875983	-8.210627
-96.120787	-90.206940	-1256.006	
0.75000	-26.809937	-62.869032	-8.210627
-96.104441	-88.115510	-1244.832	
1.00000	-26.809937	-62.862681	-8.210627
-96.089670	-86.871881	-1233.668	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.161819	171.064461	4.288043
377.647289	17.335802	2915.690	
0.25000	30.161819	171.265483	4.288043
378.040434	19.544268	2822.962	
0.50000	30.161819	171.482945	4.288043
378.477976	22.168341	2733.854	
0.75000	30.161819	171.712791	4.288043
378.948660	25.124825	2649.074	
1.00000	30.161819	171.950456	4.288043
379.439839	28.539591	2568.605	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1680

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.397681	-100.898846	-7.903757
-159.683073	-90.844781	-1788.760	
0.25000	-27.397681	-100.676631	-7.903757
-159.157043	-87.217662	-1780.249	
0.50000	-27.397681	-100.463116	-7.903757
-158.652242	-84.587118	-1771.723	
0.75000	-27.397681	-100.262916	-7.903757
-158.181275	-83.096451	-1763.212	
1.00000	-27.397681	-100.079975	-7.903757
-157.755697	-82.491647	-1754.717	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.574173	252.876316	6.135235
380.1493360	49.793864	3752.897	
0.25000	31.574173	263.047108	6.135235
396.717333	50.650870	3662.505	
0.50000	31.574173	274.036154	6.135235
415.373242	51.952507	3561.182	
0.75000	31.574173	285.631957	6.135235
435.519788	53.565931	3452.088	
1.00000	31.574173	297.596396	6.135235
456.473807	55.680720	3333.057	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.211461	-200.769572	-7.987441
-332.070578	-81.841157	-1989.529	
0.25000	-28.211461	-189.626321	-7.987441
-308.985409	-79.555717	-1986.352	
0.50000	-28.211461	-178.893548	-7.987441
-286.735912	-78.105932	-1983.183	
0.75000	-28.211461	168.821634	-7.987441
-266.003825	-77.571139	-1980.031	
1.00000	-28.211461	-159.601753	-7.987441
-247.391163	-77.858620	-1976.883	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.826338	69.954073	2.153388
147.295731	3.803401	1173.396	
0.25000	9.826338	70.023866	2.153388
147.432169	3.771733	1135.871	
0.50000	9.826338	70.099367	2.153388
147.584017	3.972593	1100.230	
0.75000	9.826338	70.179167	2.153388
147.747369	3.972596	1065.348	
1.00000	9.826338	70.261681	2.153388
147.917833	4.568340	1030.812	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.652341	-37.801763	-2.377102
-49.804561	-32.526406	-680.229978	
0.25000	-9.652341	-37.724613	-2.377102
-49.621990	-31.500028	-678.733332	
0.50000	-9.652341	-37.650484	-2.377102
-49.446786	-30.954991	-677.226014	
0.75000	-9.652341	-37.580977	-2.377102
-49.283326	-31.406341	-675.733401	
1.00000	-9.652341	-37.517462	-2.377102
-49.135621	-32.275327	-674.236888	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.585599	177.360638	3.276365
281.012691	21.036985	2688.023	
0.25000	13.585599	177.367621	3.276365
281.026370	20.531844	2592.275	
0.50000	13.585599	177.375174	3.276365
281.041592	20.290019	2506.559	
0.75000	13.585599	177.383158	3.276365
281.057968	20.318333	2435.274	
1.00000	13.585599	177.391413	3.276365
281.075056	20.737145	2374.957	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1681

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.050252	-99.835956	-2.932030
-164.209547	-32.340777	-1362.522	
0.25000	-12.050252	-99.828237	-2.932030
-164.191250	-31.686705	-1364.075	
0.50000	-12.050252	-99.820820	-2.932030
-164.173693	-31.668565	-1365.627	
0.75000	-12.050252	-99.813866	-2.932030
-164.157312	-32.498715	-1367.192	
1.00000	-12.050252	-99.807511	-2.932030
-164.142507	-33.847250	-1368.756	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.830349	199.253515	4.570480
379.217171	23.487766	3173.497	
0.25000	25.830349	199.259799	4.570480
379.229482	24.581632	3064.404	
0.50000	25.830349	199.266597	4.570480
379.243182	26.017320	2964.561	
0.75000	25.830349	199.273783	4.570480
379.257920	27.746051	2877.881	
1.00000	25.830349	199.281213	4.570480
379.273300	29.919767	2801.044	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.438462	-116.525912	-6.458088
-190.771316	-74.649509	-1789.091	
0.25000	-23.438462	-116.518965	-6.458088
-190.754849	-72.290440	-1785.767	
0.50000	-23.438462	-116.512289	-6.458088
-190.739047	-70.824750	-1788.900	
0.75000	-23.438462	-116.506031	-6.458088
-190.724304	-70.416851	-1792.040	
1.00000	-23.438462	-116.500312	-6.458088
-190.710980	-70.790494	-1795.179	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.794692	290.279599	7.354113
342.873157	65.201681	4122.206	
0.25000	30.794692	305.692264	7.354113
344.226853	64.506898	4039.217	
0.50000	30.794692	322.308301	7.354113
364.400161	64.422981	3935.712	
0.75000	30.794692	339.801457	7.354113
386.379917	64.669299	3813.888	
1.00000	30.794692	357.786816	7.354113
409.094775	65.487904	3672.302	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.903781	-247.190790	-7.158480
-360.462215	-69.316477	-3693.045	
0.25000	-27.903781	-230.533131	-7.158480
-333.734569	-68.453939	-2010.878	
0.50000	-27.903781	-214.431091	-7.158480
-307.687781	-68.334426	-2018.076	
0.75000	-27.903781	-199.291397	-7.158480
-283.471598	-69.088177	-2025.360	
1.00000	-27.903781	-185.426893	-7.158480
-273.412173	-70.507307	-2032.581	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.030012	196.284424	6.267765
106.680818	78.402571	2347.923	
0.25000	16.030012	215.894406	6.267765
106.680818	75.271008	2344.002	
0.50000	16.030012	236.969818	6.267765
106.680818	72.669769	2306.367	
0.75000	16.030012	259.047033	6.267765
106.680818	70.703319	2234.503	
1.00000	16.030012	281.593703	6.267765
106.425965	69.270177	2129.559	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1682

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.798257	-216.729846	-3.071307
-291.395159	-12.476158	-795.994120	
0.25000	-14.798257	-196.078577	-3.071307
-295.733434	-14.498554	-803.632895	
0.50000	-14.798257	-175.993215	-3.071307
-300.071708	-16.524875	-811.282812	
0.75000	-14.798257	-157.021021	-3.071307
-304.409983	-18.553686	-818.907871	
1.00000	-14.798257	-139.626153	-3.071307
-308.493488	-20.596714	-826.583896	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.808656	308.876704	8.252629
211.384945	108.288196	3792.259	
0.25000	20.808656	331.538327	8.252629
211.384945	104.448331	3740.782	
0.50000	20.808656	355.903741	8.252629
211.384945	101.161723	3658.889	
0.75000	20.808656	381.456490	8.252629
211.384945	98.560530	3553.818	
1.00000	20.808656	407.593948	8.252629
211.384945	96.551949	3420.722	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.227622	-301.316931	-4.293733
-417.960239	-18.966414	-1397.524	
0.25000	-18.227622	-277.312464	-4.293733
-418.440195	-21.491456	-1411.188	
0.50000	-18.227622	-254.002264	-4.293733
-418.920152	-24.023016	-1424.847	
0.75000	-18.227622	-232.007073	-4.293733
-419.400108	-26.571658	-1438.635	
1.00000	-18.227622	-211.839067	-4.293733
-419.880047	-29.147718	-1452.257	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.922956	344.398084	8.535730
303.891968	96.734627	4522.105	
0.25000	24.922956	365.167272	8.535730
303.891968	93.400121	4442.684	
0.50000	24.922956	387.496850	8.535730
303.891968	90.766287	4336.663	
0.75000	24.922956	410.919088	8.535730
303.891968	88.787531	4207.708	
1.00000	24.922956	434.882050	8.535730
303.891968	87.421886	4053.194	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.231517	-305.762290	-4.888086
-417.865003	-29.958330	-1859.515	
0.25000	-22.231517	-283.747463	-4.888086
-417.781435	-31.796873	-1869.340	
0.50000	-22.231517	-262.373535	-4.888086
-417.697868	-34.134647	-1879.153	
0.75000	-22.231517	-242.214558	-4.888086
-417.614300	-36.983656	-1888.947	
1.00000	-22.231517	-223.717594	-4.888086
-417.530735	-40.046459	-1898.799	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.087448	324.156399	8.713213
360.742540	83.392678	4453.142	
0.25000	31.087448	341.470349	8.713213
360.742540	81.253477	4365.656	
0.50000	31.087448	360.085136	8.713213
360.742540	79.769271	4256.393	
0.75000	31.087448	379.610918	8.713213
360.742540	78.963674	4128.147	
1.00000	31.087448	399.587630	8.713213
360.742540	78.896248	3978.643	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.437613	-277.938052	-6.849880
-380.193302	-60.925638	-2031.558	
0.25000	-28.437613	-259.585156	-6.849880
-380.106230	-61.191623	-2041.042	
0.50000	-28.437613	-241.766691	-6.849880
-380.019157	-62.161936	-2050.511	
0.75000	-28.437613	-224.961157	-6.849880
-379.932085	-63.980730	-2059.974	
1.00000	-28.437613	-209.541168	-6.849880
-379.845015	-66.391385	-2071.794	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.791351	313.203286	7.436003
352.177573	91.824684	4123.302	
0.25000	22.791351	338.672764	7.436003
352.742217	87.835752	4054.505	
0.50000	22.791351	366.024026	7.436003
373.292155	85.109497	3969.676	
0.75000	22.791351	394.694948	7.436003
400.083938	83.776640	3871.993	
1.00000	22.791351	424.158106	7.436003
430.808592	83.730907	3755.553	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.536797	-323.828461	-6.504385
-419.138098	-84.361901	-992.076978	
0.25000	-21.536797	-291.940405	-6.504385
-419.138098	-80.448128	-1070.452	
0.50000	-21.536797	-261.122294	-6.504385
-419.138098	-77.759719	-1148.830	
0.75000	-21.536797	-232.001171	-6.504385
-419.138098	-76.478187	-1227.211	
1.00000	-21.536797	-205.127327	-6.504385
-419.138098	-76.567304	-1305.633	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.574173	344.398084	8.713213
380.149360	108.288196	4522.105	
0.25000	31.574173	365.167272	8.713213
396.717333	104.448331	4442.684	
0.50000	31.574173	387.496850	8.713213
415.373242	101.161723	4336.663	
0.75000	31.574173	410.919088	8.713213
435.519788	98.560530	4207.708	
1.00000	31.574173	434.882050	8.713213
456.473807	96.551949	4053.194	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.437613	-305.762290	-8.210627
-417.960239	-97.522858	-2031.558	
0.25000	-28.437613	-283.747463	-8.210627
-418.440195	-93.445746	-2041.042	
0.50000	-28.437613	-262.373535	-8.210627
-418.920152	-90.206940	-2050.511	
0.75000	-28.437613	-242.214558	-8.210627
-419.400108	-88.115510	-2059.974	
1.00000	-28.437613	-223.717594	-8.210627
-419.880047	-86.871881	-2071.794	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.574173	344.398084	8.713213
380.149360	108.288196	4522.105	
0.25000	31.574173	365.167272	8.713213
396.717333	104.448331	4442.684	
0.50000	31.574173	387.496850	8.713213
415.373242	101.161723	4336.663	
0.75000	31.574173	410.919088	8.713213
435.519788	98.560530	4207.708	
1.00000	31.574173	434.882050	8.713213
456.473807	96.551949	4053.194	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.437613	-323.828461	-8.210627
-419.138098	-97.522858	-2031.558	
0.25000	-28.437613	-291.940405	-8.210627
-419.138098	-93.445746	-2041.042	
0.50000	-28.437613	-262.373535	-8.210627
-419.138098	-90.206940	-2050.511	
0.75000	-28.437613	-242.214558	-8.210627
-419.400108	-88.115510	-2059.974	
1.00000	-28.437613	-223.717594	-8.210627
-419.880047	-86.871881	-2071.794	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.574173	344.398084	8.713213
380.149360	108.288196	4522.105	
0.25000	31.574173	365.167272	8.713213
396.717333	104.448331	4442.684	
0.50000	31.574173	387.496850	8.713213
415.373242	101.161723	4336.663	
0.75000	31.574173	410.919088	8.713213
435.519788	98.560530	4207.708	
1.00000	31.574173	434.882050	8.713213
456.473807	96.551949	4053.194	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.437613	-323.828461	-8.210627
-419.138098	-97.522858	-2031.558	
0.25000	-28.437613	-291.940405	-8.210627
-419.138098	-93.445746	-2041.042	
0.50000	-28.437613	-262.373535	-8.210627
-419.138098	-90.206940	-2050.511	
0.75000	-28.437613	-242.214558	-8.210627
-419.400108	-88.115510	-2059.974	
1.00000	-28.437613	-223.717594	-8.210627
-419.880047	-86.871881	-2071.794	

ELEM 140 ========== LENGTH = 4.928244

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.182541	33.929752	0.416576
197.487997	14.417670	487.325628	
0.25000	12.182541	33.942418	0.416576
197.510425	16.349206	450.453028	
0.50000	12.182541	33.955798	0.416576
197.541667	19.340271	414.305266	
0.75000	12.182541	33.969677	0.416576
197.574188	21.850372	379.152946	
1.00000	12.182541	33.985236	0.416576
197.611934	24.397856	345.330137	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.003779	-19.960306	-4.923123
-49.659558	-45.273477	-402.019487	
0.25000	-12.003779	-19.944817	-4.923123
-49.619683	-40.977913	-410.912582	
0.50000	-12.003779	-19.931150	-4.923123
-49.585744	-37.207493	-419.839511	
0.75000	-12.003779	-19.918208	-4.923123
-49.553656	-34.012015	-428.840861	
1.00000	-12.003779	-19.906185	-4.923123
-49.523911	-31.455032	-437.931658	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.820937	78.658755	1.443242
361.038999	16.763889	1052.417	
0.25000	19.820937	78.671414	1.443242
361.061172	19.871922	970.382742	
0.50000	19.820937	78.684789	1.443242
361.092356	23.120471	891.277281	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	19.820937	78.698662	1.443242
361.124821	26.708626	816.301116	
1.00000	19.820937	78.714211	1.443242
361.162495	30.418827	745.228239	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.443455	-37.146106	-7.883487
-77.074226	-75.735124	-754.908450	
0.25000	-19.443455	-37.130621	-7.883487
-77.034427	-69.536925	-778.398937	
0.50000	-19.443455	-37.116966	-7.883487
-77.000548	-64.466348	-801.971482	
0.75000	-19.443455	-37.104030	-7.883487
-76.968519	-60.648752	-825.546265	
1.00000	-19.443455	-37.092012	-7.883487
-76.938833	-58.088546	-849.305059	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.827198	146.596957	1.927121
463.891534	17.691592	1855.743	
0.25000	20.827198	146.607951	1.927121
463.911536	20.456825	1709.120	
0.50000	20.827198	146.619990	1.927121
463.939612	23.365578	1573.124	
0.75000	20.827198	146.632476	1.927121
463.968840	26.547308	1451.644	
1.00000	20.827198	146.646472	1.927121
464.002760	29.912752	1344.914	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.262517	-51.383739	-7.460826
-107.265136	-70.046971	-1076.660	
0.25000	-20.262517	-51.369800	-7.460826
-107.229303	-64.460291	-1122.373	
0.50000	-20.262517	-51.357510	-7.460826
-107.198802	-60.113762	-1168.165	
0.75000	-20.262517	-51.345866	-7.460826
-107.169965	-57.098735	-1213.958	
1.00000	-20.262517	-51.335049	-7.460826
-107.143237	-55.317924	-1259.914	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.465419	250.188172	4.036610
437.795310	41.239665	2748.679	
0.25000	22.465419	262.040712	4.036610
444.642804	41.657373	2585.820	
0.50000	22.465419	274.594851	4.036610
462.303163	42.451726	2422.016	
0.75000	22.465419	287.634589	4.036610
481.839033	43.833116	2263.946	
1.00000	22.465419	301.949876	4.036610
512.801563	45.750970	2107.865	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.546938	-150.777834	-6.655347
-325.321583	-65.238559	-1243.209	
0.25000	-21.546938	-136.536492	-6.655347
-292.640660	-61.825011	-1308.511	
0.50000	-21.546938	-123.722185	-6.655347
-264.417948	-59.449695	-1373.879	
0.75000	-21.546938	-111.597970	-6.655347
-240.695856	-58.179619	-1439.247	
1.00000	-21.546938	-100.361922	-6.655347
-218.499269	-57.945281	-1504.752	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.230085	63.782000	1.300397
184.538689	2.181660	783.724041	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	7.230085	63.921594	1.300397
184.784271	2.462918	721.812383	
0.50000	7.230085	64.068454	1.300397
185.127679	2.907423	663.519986	
0.75000	7.230085	64.221092	1.300397
185.485161	3.610514	610.013854	
1.00000	7.230085	64.392198	1.300397
185.900050	4.428876	561.580976	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.993941	-21.084503	-2.677968
-21.923305	-26.969014	-427.871484	
0.25000	-6.993941	-20.914103	-2.677968
-21.485011	-25.472200	-448.897136	
0.50000	-6.993941	-20.763857	-2.677968
-21.111952	-24.631477	-469.922829	
0.75000	-6.993941	-20.621523	-2.677968
-20.759243	-24.429689	-490.948584	
1.00000	-6.993941	-20.489289	-2.677968
-20.432308	-24.935538	-511.974361	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.987291	169.607548	2.333565
325.114359	12.740651	1959.248	
0.25000	9.987291	169.620210	2.333565
325.136634	12.304867	1797.892	
0.50000	9.987291	169.633587	2.333565
325.167842	12.081824	1658.388	
0.75000	9.987291	169.647462	2.333565
325.200329	12.211431	1550.643	
1.00000	9.987291	169.663015	2.333565
325.238031	12.644148	1470.146	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.340852	-50.756383	-2.648753
-126.098225	-26.784969	-868.019489	
0.25000	-9.340852	-50.740894	-2.648753
-126.058395	-25.916075	-919.082749	
0.50000	-9.340852	-50.727237	-2.648753
-126.024493	-25.804527	-970.146050	
0.75000	-9.340852	-50.714298	-2.648753
-125.992440	-26.443307	-1021.209	
1.00000	-9.340852	-50.702278	-2.648753
-125.962731	-27.694507	-1072.273	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.285256	182.917147	2.562434
451.786499	19.041294	2186.150	
0.25000	18.285256	182.928543	2.562434
451.806546	20.562933	2008.278	
0.50000	18.285256	182.940582	2.562434
451.834633	22.271185	1850.575	
0.75000	18.285256	182.953070	2.562434
451.863871	24.266876	1722.399	
1.00000	18.285256	182.967067	2.562434
451.897804	26.530009	1620.072	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.548155	-61.782547	-6.015584
-149.580265	-59.246725	-1109.694	
0.25000	-17.548155	-61.768607	-6.015584
-149.544418	-55.495649	-1164.435	
0.50000	-17.548155	-61.756315	-6.015584
-149.513906	-52.867574	-1219.341	
0.75000	-17.548155	-61.744671	-6.015584
-149.485059	-51.438995	-1274.246	
1.00000	-17.548155	-61.733853	-6.015584
-149.458320	-51.089480	-1329.152	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.701852	299.691258	5.492716
397.343635	51.427631	3156.776	
0.25000	22.701852	317.897363	5.492716
397.343635	50.032927	2996.951	
0.50000	22.701852	337.248639	5.492716
397.343635	49.230910	2825.998	
0.75000	22.701852	357.388843	5.492716
404.033480	49.254737	2648.762	
1.00000	22.701852	378.864054	5.492716
424.487067	50.043418	2462.696	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.678030	-201.500624	-5.696858
-358.009216	-57.403754	-1277.346	
0.25000	-21.678030	-180.166176	-5.696858
-337.117958	-55.903184	-1352.181	
0.50000	-21.678030	-160.420266	-5.696858
-313.897052	-55.339421	-1427.152	
0.75000	-21.678030	-141.769637	-5.696858
-288.824294	-55.783372	-1502.124	
1.00000	-21.678030	-124.543382	-5.696858
-286.773994	-57.122360	-1577.095	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.998826	231.726866	5.913907
44.555565	61.848947	2125.861	
0.25000	12.998826	255.033200	5.913907
44.555565	57.008318	2087.245	
0.50000	12.998826	279.990003	5.913907
44.555565	53.253451	2018.141	
0.75000	12.998826	306.056680	5.913907
44.555565	50.401707	1915.288	
1.00000	12.998826	332.271787	5.913907
44.555565	48.569075	1778.955	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.379053	-212.832627	-1.373072
-386.948957	-14.021492	-541.972976	
0.25000	-12.379053	-186.872280	-1.373072
-386.948957	-16.801923	-587.898089	
0.50000	-12.379053	-161.426946	-1.373072
-386.948957	-19.583037	-633.823242	
0.75000	-12.379053	-137.469680	-1.373072
-386.948957	-22.365093	-679.748457	
1.00000	-12.379053	-115.501717	-1.373072
-386.948957	-25.147810	-725.673672	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.629405	350.218337	7.665812
148.159743	81.534898	3336.517	
0.25000	16.629405	378.062643	7.665812
148.159743	75.336512	3217.121	
0.50000	16.629405	407.801852	7.665812
148.159743	70.277008	3078.498	
0.75000	16.629405	438.632564	7.665812
148.159743	66.475905	2923.313	
1.00000	16.629405	470.582087	7.665812
148.159743	63.978335	2744.809	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.522472	-275.265561	-1.721213
-505.209862	-20.657182	-942.302989	
0.25000	-15.522472	-243.796868	-1.721213
-505.209862	-24.376075	-1017.405	
0.50000	-15.522472	-213.464660	-1.721213
-505.209862	-28.117543	-1092.507	
0.75000	-15.522472	-184.883205	-1.721213
-505.209862	-31.873502	-1167.608	
1.00000	-15.522472	-158.607860	-1.721213
-505.209862	-35.642324	-1242.710	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.567845	376.239210	7.659403
281.253843	72.768847	3756.211	
0.25000	19.567845	401.778973	7.659403
281.253843	67.519743	3592.418	
0.50000	19.567845	429.049700	7.659403
281.253843	63.296611	3411.685	
0.75000	19.567845	457.501855	7.659403
281.253843	60.282608	3219.630	
1.00000	19.567845	486.663346	7.659403
281.253843	58.493337	3012.894	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.411064	-265.945789	-2.767254
-460.891851	-28.160744	-1226.411	
0.25000	-18.411064	-237.039490	-2.767254
-460.891851	-30.787649	-1314.700	
0.50000	-18.411064	-209.224201	-2.767254
-460.891851	-33.877905	-1402.989	
0.75000	-18.411064	-183.012043	-2.767254
-460.891851	-37.390563	-1491.278	
1.00000	-18.411064	-158.908614	-2.767254
-460.891851	-41.276768	-1579.568	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.558096	343.322542	6.982885
370.225105	64.244321	3527.574	
0.25000	23.558096	364.616167	6.982885
370.225105	60.980011	3360.019	
0.50000	23.558096	387.352737	6.982885
370.225105	58.619694	3179.050	
0.75000	23.558096	411.074210	6.982885
370.225105	57.388552	2989.794	
1.00000	23.558096	435.388751	6.982885
370.225105	57.208040	2789.277	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.444383	-235.332323	-5.102720
-411.005943	-51.769953	-1305.653	
0.25000	-22.444383	-211.230467	-5.102720
-411.005943	-51.885720	-1388.641	
0.50000	-22.444383	-188.039850	-5.102720
-411.005943	-52.836604	-1471.710	
0.75000	-22.444383	-166.185743	-5.102720
-411.005943	-54.673834	-1554.805	
1.00000	-22.444383	-146.089560	-5.102720
-411.005943	-57.301406	-1637.900	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.636425	56.092837	0.765971
254.586244	19.238886	780.804166	
0.25000	18.636425	56.100129	0.765971
254.599676	22.294446	733.835425	
0.50000	18.636425	56.107954	0.765971
254.614575	25.565603	686.878552	
0.75000	18.636425	56.116173	0.765971
254.630536	29.139711	640.374492	
1.00000	18.636425	56.124646	0.765971
254.647152	33.147283	593.968840	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.842895	-32.789841	-6.862924
-80.692797	-50.541438	-667.225299	
0.25000	-16.842895	-32.782447	-6.862924
-80.673885	-45.827177	-647.787335	
0.50000	-16.842895	-32.775392	-6.862924
-80.655839	-41.075532	-628.388985	
0.75000	-16.842895	-32.768821	-6.862924
-80.639040	-37.098795	-608.989600	
1.00000	-16.842895	-32.762853	-6.862924
-80.623855	-33.827358	-589.620034	

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File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	29.281626	124.652083	1.697690
453.095970	23.037557	1580.266	
0.25000	29.281626	124.659372	1.697690
453.109358	27.021995	1478.053	
0.50000	29.281626	124.667193	1.697690
453.124208	31.415586	1376.883	
0.75000	29.281626	124.675407	1.697690
453.140121	36.265195	1277.827	
1.00000	29.281626	124.683876	1.697690
453.156685	42.086348	1179.510	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.501849	-60.661613	-10.473364
-117.230411	-85.862131	-1233.201	
0.25000	-27.501849	-60.654224	-10.473364
-117.211545	-78.232071	-1206.353	
0.50000	-27.501849	-60.647174	-10.473364
-117.193542	-71.493327	-1179.575	
0.75000	-27.501849	-60.640607	-10.473364
-117.176783	-66.065777	-1152.801	
1.00000	-27.501849	-60.634643	-10.473364
-117.161635	-61.789622	-1126.050	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.401428	219.812240	2.213436
547.065592	26.619245	2566.936	
0.25000	30.401428	220.022179	2.213436
547.451368	30.041610	2395.458	
0.50000	30.401428	220.247444	2.213436
547.879256	33.857095	2225.910	
0.75000	30.401428	220.484039	2.213436
548.337793	38.223941	2061.393	
1.00000	30.401428	220.727944	2.213436
548.815085	43.311387	1901.768	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.011122	-89.234997	-9.831812
-143.514826	-81.631257	-1754.311	
0.25000	-28.011122	-89.022136	-9.831812
-142.971269	-74.899342	-1732.667	
0.50000	-28.011122	-88.819108	-9.831812
-142.452575	-69.047788	-1711.097	
0.75000	-28.011122	-88.629956	-9.831812
-141.969731	-64.396963	-1689.508	
1.00000	-28.011122	-88.458179	-9.831812
-141.533273	-60.898819	-1667.999	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.090771	317.326141	5.140449
510.476009	53.002232	3332.047	
0.25000	32.090771	327.964484	5.140449
526.457233	53.771512	3141.856	
0.50000	32.090771	339.371047	5.140449
544.418425	55.164802	2938.682	
0.75000	32.090771	351.331577	5.140449
563.765320	57.200483	2728.877	
1.00000	32.090771	363.641664	5.140449
583.886282	60.031252	2509.719	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.105443	-175.447371	-8.872481
-346.940862	-76.354055	-1976.676	
0.25000	-29.105443	-164.803909	-8.872481
-322.787529	-72.060329	-1968.037	
0.50000	-29.105443	-154.623829	-8.872481
-299.628692	-68.704540	-1959.416	
0.75000	-29.105443	-145.128230	-8.872481
-278.085395	-66.475353	-1950.837	
1.00000	-29.105443	-136.494293	-8.872481
-258.719712	-65.348930	-1942.259	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.888182	91.863078	1.125142
209.577380	4.233367	1030.178	
0.25000	9.888182	91.935968	1.125142
209.711264	4.627345	958.325906	
0.50000	9.888182	92.014178	1.125142
209.859758	5.179626	887.898515	
0.75000	9.888182	92.096322	1.125142
210.018889	5.958220	819.832500	
1.00000	9.888182	92.181004	1.125142
210.184529	7.019267	752.412554	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.874223	-33.719523	-3.113924
-29.591088	-32.319532	-674.145502	
0.25000	-9.874223	-33.645639	-3.113924
-29.402429	-28.787186	-669.506636	
0.50000	-9.874223	-33.575133	-3.113924
-29.222399	-27.879089	-664.863596	
0.75000	-9.874223	-33.509463	-3.113924
-29.054811	-26.865818	-660.232157	
1.00000	-9.874223	-33.449824	-3.113924
-28.903325	-26.172426	-655.585964	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.619889	227.985336	2.542726
346.253487	19.634770	2374.229	
0.25000	13.619889	227.992628	2.542726
346.266912	19.158338	2202.808	
0.50000	13.619889	228.000452	2.542726
346.281803	18.974009	2038.795	
0.75000	13.619889	228.008670	2.542726
346.297756	19.091669	1890.488	
1.00000	13.619889	228.017142	2.542726
346.314363	19.541147	1753.635	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.336604	-81.471250	-3.163215
-114.810012	-33.646283	-1368.728	
0.25000	-12.336604	-81.463857	-3.163215
-114.791108	-32.104180	-1370.309	
0.50000	-12.336604	-81.456803	-3.163215
-114.773070	-31.201341	-1371.932	
0.75000	-12.336604	-81.450232	-3.163215
-114.756277	-31.050187	-1373.503	
1.00000	-12.336604	-81.444265	-3.163215
-114.741098	-31.360990	-1375.141	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.049794	255.441847	2.922927
515.334076	27.966509	2799.673	
0.25000	26.049794	255.448410	2.922927
515.346158	29.846014	2603.379	
0.50000	26.049794	255.455452	2.922927
515.359560	32.095896	2413.995	
0.75000	26.049794	255.462848	2.922927
515.373917	34.800068	2239.058	
1.00000	26.049794	255.470473	2.922927
515.388864	38.069178	2074.765	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.023880	-99.685964	-7.800220
-159.561679	-69.977255	-1794.951	
0.25000	-24.023880	-99.679311	-7.800220
-159.544665	-65.149420	-1811.307	
0.50000	-24.023880	-99.672962	-7.800220
-159.528431	-61.205524	-1806.191	
0.75000	-24.023880	-99.667048	-7.800220
-159.513318	-58.356989	-1801.036	
1.00000	-24.023880	-99.661678	-7.800220
-159.499656	-56.412992	-1795.948	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.424468	363.162122	6.915177
460.535572	62.486224	3671.855	
0.25000	31.424468	379.324070	6.915177
460.524087	61.272265	3478.573	
0.50000	31.424468	396.624588	6.915177
463.142353	60.704501	3263.189	
0.75000	31.424468	414.731740	6.915177
483.506659	60.751823	3030.463	
1.00000	31.424468	433.306236	6.915177
504.591029	61.881809	2778.756	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.911870	-215.249130	-7.402431
-403.937101	-68.766310	-2032.575	
0.25000	-28.911870	-199.410037	-7.402431
-376.596469	-66.719962	-2057.798	
0.50000	-28.911870	-184.205785	-7.402431
-348.835146	-64.597400	-2078.043	
0.75000	-28.911870	-169.992495	-7.402431
-322.909849	-65.521999	-2072.361	
1.00000	-28.911870	-157.050595	-7.402431
-313.737529	-66.417089	-2079.569	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.784770	237.940449	7.817939
70.624939	67.030562	2130.873	
0.25000	16.784770	258.602060	7.817939
70.624939	61.856123	2067.344	
0.50000	16.784770	280.676748	7.817939
70.624939	57.371066	1970.355	
0.75000	16.784770	303.682760	7.817939
70.624939	53.796200	1839.217	
1.00000	16.784770	327.142440	7.817939
70.624939	51.134050	1674.885	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.675781	-188.499909	-1.637054
-408.341509	-18.816701	-826.906261	
0.25000	-15.675781	-169.051751	-1.637054
-412.679942	-22.226305	-846.706505	
0.50000	-15.675781	-150.239807	-1.637054
-417.018375	-25.909416	-865.770431	
0.75000	-15.675781	-132.583551	-1.637054
-421.356808	-29.888461	-885.019755	
1.00000	-15.675781	-116.465952	-1.637054
-425.695241	-34.262970	-904.091247	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.725604	377.503182	10.390243
176.936996	93.365760	3422.157	
0.25000	21.725604	401.358878	10.390243
176.936996	86.462350	3272.850	
0.50000	21.725604	426.839521	10.390243
176.936996	80.497417	3091.133	
0.75000	21.725604	453.422907	10.390243
176.936996	75.618466	2886.927	
1.00000	21.725604	480.569165	10.390243
176.936996	71.764431	2655.359	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.346527	-257.255187	-2.238330
-530.532736	-26.753111	-1452.673	
0.25000	-19.346527	-234.597935	-2.238330
-531.012710	-31.028171	-1482.295	
0.50000	-19.346527	-212.721222	-2.238330
-531.492684	-35.753824	-1518.016	
0.75000	-19.346527	-192.207746	-2.238330
-531.972658	-40.923218	-1548.124	
1.00000	-19.346527	-173.486649	-2.238330
-532.452632	-46.601244	-1578.021	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.684593	427.045078	9.836137
314.083979	84.268702	4054.035	
0.25000	25.684593	448.902144	9.836137
314.083979	78.474526	3853.738	
0.50000	25.684593	472.252736	9.836137
314.083979	73.552023	3625.156	
0.75000	25.684593	496.615076	9.836137
314.083979	69.573592	3374.572	
1.00000	25.684593	521.497358	9.836137
314.083979	66.576667	3098.867	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.300185	-261.207267	-3.377757
-489.307692	-38.088444	-1899.137	
0.25000	-23.300185	-240.422131	-3.377757
-489.224121	-40.900657	-1922.059	
0.50000	-23.300185	-220.357508	-3.377757
-489.140550	-44.408879	-1944.906	
0.75000	-23.300185	-201.545748	-3.377757
-489.056980	-48.680297	-1967.861	
1.00000	-23.300185	-184.378063	-3.377757
-488.973409	-53.567845	-1990.674	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.852846	404.247290	8.825178
432.599351	75.651072	3978.760	
0.25000	31.852846	422.468020	8.825178
432.599351	72.260282	3772.081	
0.50000	31.852846	441.933829	8.825178
432.599351	69.745111	3542.090	
0.75000	31.852846	462.243168	8.825178
432.599351	68.216297	3294.299	
1.00000	31.852846	482.986085	8.825178
432.599351	67.738169	3026.008	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.584452	-240.104864	-6.470848
-446.980972	-64.411041	-2071.933	
0.25000	-29.584452	-222.777018	-6.470848
-446.893897	-64.183944	-2086.703	
0.50000	-29.584452	-206.049892	-6.470848
-446.806821	-64.882094	-2101.419	
0.75000	-29.584452	-190.367314	-6.470848
-446.719746	-66.656244	-2116.273	
1.00000	-29.584452	-176.055354	-6.470848
-446.632670	-69.354431	-2131.008	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.558096	376.239210	7.665812
463.891534	81.534898	3756.211	
0.25000	23.558096	401.778973	7.665812
463.911536	75.336512	3592.418	
0.50000	23.558096	429.049700	7.665812
463.908612	70.277008	3417.685	
0.75000	23.558096	457.501855	7.665812
481.839033	66.475905	3219.630	
1.00000	23.558096	486.663346	7.665812
512.801563	63.978335	3012.894	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.444383	-275.265561	-7.883487
-505.209862	-75.735124	-1305.653	
0.25000	-22.444383	-243.796868	-7.883487
-505.209862	-69.536925	-1388.641	
0.50000	-22.444383	-213.464660	-7.883487
-505.209862	-64.466348	-1471.710	
0.75000	-22.444383	-184.883205	-7.883487
-505.209862	-60.648752	-1554.805	
1.00000	-22.444383	-158.908614	-7.883487
-505.209862	-58.088546	-1637.900	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.090771	427.045078	10.390243
547.065592	93.365760	4054.035	
0.25000	32.090771	448.902144	10.390243
547.451368	86.462350	3853.738	
0.50000	32.090771	472.252736	10.390243
547.879256	80.497417	3625.156	
0.75000	32.090771	496.615076	10.390243
563.765320	75.618466	3374.572	
1.00000	32.090771	521.497358	10.390243
583.886282	71.764431	3098.867	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.584452	-261.207267	-10.473364
-530.532736	-85.862131	-2071.933	
0.25000	-29.584452	-240.422131	-10.473364
-531.012710	-78.232071	-2086.703	
0.50000	-29.584452	-220.357508	-10.473364
-531.492684	-71.493327	-2101.419	
0.75000	-29.584452	-201.545748	-10.473364
-531.972658	-66.656244	-2116.273	
1.00000	-29.584452	-184.378063	-10.473364
-532.452632	-69.354431	-2131.008	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.090771	427.045078	10.390243
547.065592	93.365760	4054.035	
0.25000	32.090771	448.902144	10.390243
547.451368	86.462350	3853.738	
0.50000	32.090771	472.252736	10.390243
547.879256	80.497417	3625.156	
0.75000	32.090771	496.615076	10.390243
563.765320	75.618466	3374.572	
1.00000	32.090771	521.497358	10.390243
583.886282	71.764431	3098.867	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.584452	-275.265561	-10.473364
-530.532736	-85.862131	-2071.933	
0.25000	-29.584452	-243.796868	-10.473364
-531.012710	-78.232071	-2086.703	
0.50000	-29.584452	-213.464660	-10.473364
-531.492684	-71.493327	-2101.419	
0.75000	-29.584452	-184.883205	-10.473364
-531.972658	-66.656244	-2116.273	
1.00000	-29.584452	-158.908614	-10.473364
-532.452632	-69.354431	-2131.008	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 141 ========== LENGTH = 4.927556

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.324615	39.925751	0.532566
247.075190	23.662657	344.291110	
0.25000	12.324615	39.938385	0.532566
247.096211	25.202748	300.709457	
0.50000	12.324615	39.951677	0.532566
247.126636	26.813196	258.674933	
0.75000	12.324615	39.965415	0.532566
247.159860	28.525616	218.697272	
1.00000	12.324615	39.980750	0.532566
247.198171	30.254358	218.293774	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.326941	-19.399475	-4.985955
-64.856940	-31.011711	-437.693759	
0.25000	-12.326941	-19.384311	-4.985955
-64.816558	-26.399400	-433.145329	
0.50000	-12.326941	-19.370999	-4.985955
-64.782105	-22.318664	-429.021055	
0.75000	-12.326941	-19.358418	-4.985955
-64.749267	-18.858854	-425.311625	
1.00000	-12.326941	-19.346834	-4.985955
-64.718394	-16.049221	-421.259007	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.035488	94.021956	0.329609
446.089274	29.233066	743.423466	
0.25000	20.035488	94.034584	0.329609
446.110254	32.643490	641.503945	
0.50000	20.035488	94.047871	0.329609
446.140987	36.362525	545.307696	
0.75000	20.035488	94.061603	0.329609
446.173553	40.239325	455.282710	
1.00000	20.035488	94.076928	0.329609
446.211793	44.386176	417.181494	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.990579	-36.074200	-8.915006
-95.205879	-57.410768	-848.962899	
0.25000	-19.990579	-36.059046	-8.915006
-95.165572	-49.028822	-851.569402	
0.50000	-19.990579	-36.045739	-8.915006
-95.131178	-41.455393	-854.593583	
0.75000	-19.990579	-36.033164	-8.915006
-95.098398	-34.889401	-857.965216	
1.00000	-19.990579	-36.021586	-8.915006
-95.067582	-29.264241	-861.588878	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.036235	177.083678	0.541230
557.609230	28.256090	1342.936	
0.25000	21.036235	177.095944	0.541230
557.628119	31.213411	1156.797	
0.50000	21.036235	177.107004	0.541230
557.655291	34.369652	983.360147	
0.75000	21.036235	177.119363	0.541230
557.685151	37.722101	827.190277	
1.00000	21.036235	177.133157	0.541230
557.719580	41.317169	731.472490	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.807551	-50.749883	-8.559933
-91.297980	-54.951958	-1259.591	
0.25000	-20.807551	-50.736242	-8.559933
-91.261690	-47.084293	-1285.555	
0.50000	-20.807551	-50.724265	-8.559933
-91.230725	-40.177580	-1311.921	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-20.807551	-50.712946	-8.559933
-91.201212	-34.383874	-1338.665	
1.00000	-20.807551	-50.702525	-8.559933
-91.173468	-29.679556	-1365.654	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.909429	298.119847	3.249584
519.054012	43.519927	2106.458	
0.25000	22.909429	309.972196	3.249584
521.011194	43.147422	1879.687	
0.50000	22.909429	322.466761	3.249584
538.786497	43.103301	1654.228	
0.75000	22.909429	335.389581	3.249584
556.519824	43.337428	1437.236	
1.00000	22.909429	349.508044	3.249584
586.391835	44.048181	1262.406	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.362623	-129.128651	-7.341099
-312.391518	-57.013878	-1504.580	
0.25000	-22.362623	-115.188033	-7.341099
-279.162265	-51.925771	-1560.614	
0.50000	-22.362623	-102.699373	-7.341099
-253.773883	-47.641407	-1617.023	
0.75000	-22.362623	-90.918833	-7.341099
-231.990681	-44.297211	-1673.755	
1.00000	-22.362623	-80.088254	-7.341099
-209.807844	-41.854288	-1730.682	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.292334	77.364933	0.147729
219.099132	3.952026	560.826654	
0.25000	7.292334	77.503879	0.147729
219.330185	5.230129	481.281288	
0.50000	7.292334	77.650078	0.147729
219.663575	6.723637	406.317370	
0.75000	7.292334	77.801163	0.147729
220.028781	8.335363	336.898459	
1.00000	7.292334	77.969803	0.147729
220.449892	10.424107	276.178500	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.201244	-20.761263	-3.732860
-26.117455	-24.794179	-511.891399	
0.25000	-7.201244	-20.594505	-3.732860
-25.673586	-21.396719	-526.633486	
0.50000	-7.201244	-20.448091	-3.732860
-25.294856	-18.230155	-541.183424	
0.75000	-7.201244	-20.309723	-3.732860
-24.933894	-15.515602	-556.336599	
1.00000	-7.201244	-20.182326	-3.732860
-24.594541	-13.064593	-571.215234	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.148499	204.689955	1.265717
371.773411	11.422486	1469.204	
0.25000	10.148499	204.702585	1.265717
371.794407	11.546979	1260.555	
0.50000	10.148499	204.715875	1.265717
371.824657	11.842887	1074.962	
0.75000	10.148499	204.729609	1.265717
371.857846	12.334123	922.984588	
1.00000	10.148499	204.744938	1.265717
371.896114	13.106366	804.413653	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.734643	-43.097716	-3.661578
-83.298130	-27.592411	-1072.211	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-9.734643	-43.082558	-3.661578
-83.257793	-24.948793	-1119.106	
0.50000	-9.734643	-43.068549	-3.661578
-83.223375	-22.762581	-1166.155	
0.75000	-9.734643	-43.056671	-3.661578
-83.190572	-21.128882	-1213.323	
1.00000	-9.734643	-43.045091	-3.661578
-83.159733	-19.964262	-1260.525	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.529903	220.332428	1.232692
533.631194	24.837542	1618.391	
0.25000	18.529903	220.343798	1.232692
533.650091	26.747040	1390.559	
0.50000	18.529903	220.355757	1.232692
533.677316	28.799894	1185.234	
0.75000	18.529903	220.368117	1.232692
533.707186	31.027901	1012.197	
1.00000	18.529903	220.381913	1.232692
533.741628	33.510528	900.553268	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.153216	-54.479280	-7.286311
-120.178584	-51.668156	-1328.928	
0.25000	-18.153216	-54.465618	-7.286311
-120.142281	-44.488355	-1369.990	
0.50000	-18.153216	-54.453640	-7.286311
-120.111305	-39.045636	-1411.197	
0.75000	-18.153216	-54.442320	-7.286311
-120.081782	-34.491868	-1452.786	
1.00000	-18.153216	-54.431897	-7.286311
-120.054027	-30.740615	-1494.520	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.255395	357.021931	4.811957
473.299986	47.514620	2461.925	
0.25000	23.255395	375.289259	4.811957
473.299986	45.534641	2224.774	
0.50000	23.255395	394.595722	4.811957
473.299986	43.991058	1978.882	
0.75000	23.255395	414.566334	4.811957
473.299986	42.954224	1729.933	
1.00000	23.255395	435.788465	4.811957
485.764769	42.691796	1502.873	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.591258	-169.757309	-6.221341
-363.751630	-55.966112	-1577.060	
0.25000	-22.591258	-148.864326	-6.221341
-341.930222	-52.641011	-1650.763	
0.50000	-22.591258	-129.618744	-6.221341
-317.409536	-49.936876	-1724.699	
0.75000	-22.591258	-111.509125	-6.221341
-299.493068	-47.971523	-1798.946	
1.00000	-22.591258	-94.890738	-6.221341
-299.493068	-46.688490	-1873.322	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.591611	274.372814	6.534366
69.645571	46.694946	1780.423	
0.25000	13.591611	297.913232	6.534366
69.645571	40.668047	1683.881	
0.50000	13.591611	322.931102	6.534366
69.645571	35.400468	1557.135	
0.75000	13.591611	348.889793	6.534366

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 69.645571    30.963515    1397.703
 1.00000    13.591611   374.821916     6.534366
 69.645571    27.449883    1206.309
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1697

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -13.088705  -170.972706   -0.245957
-450.395523   -23.750243   -725.951134
 0.25000   -13.088705  -145.532085   -0.245957
-450.395523   -26.671591   -789.912930
 0.50000   -13.088705  -120.721951   -0.245957
-450.395523   -29.593264   -854.117624
 0.75000   -13.088705   -97.490723   -0.245957
-450.395523   -32.515668   -918.322355
 1.00000   -13.088705   -76.278878   -0.245957
-450.395523   -35.442010   -982.527194

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    17.410495   415.136030     8.865897
180.071721    61.492706    2746.256
 0.25000    17.410495   443.205740     8.865897
180.071721    53.132839    2537.577
 0.50000    17.410495   472.976417     8.865897
180.071721    45.621636    2310.699
 0.75000    17.410495   503.849950     8.865897
180.071721    39.272696    2069.341
 1.00000    17.410495   535.237131     8.865897
180.071721    34.125191    1808.823

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -16.532468  -218.696864   -0.542581
-550.780378   -33.754512   -1243.043
 0.25000   -16.532468  -187.863553   -0.542581
-550.780378   -37.760346   -1340.788
 0.50000   -16.532468  -158.292728   -0.542581
-550.780378   -41.779647   -1438.790
 0.75000   -16.532468  -130.566745   -0.542581
-550.780378   -45.821856   -1536.793
 1.00000   -16.532468  -105.197097   -0.542581
-550.780378   -49.878384   -1634.797

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    20.289855   448.084760     7.584257
333.735629    55.630823    3013.682
 0.25000    20.289855   473.826260     7.584257
333.735629    48.339102    2752.739
 0.50000    20.289855   501.122019     7.584257
333.735629    42.997012    2476.025
 0.75000    20.289855   529.427401     7.584257
333.735629    38.081335    2190.246
 1.00000    20.289855   558.254298     7.584257
333.735629    34.303855    1895.444

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.406903  -216.413351   -2.255011
-487.530962   -39.858799   -1579.819
 0.25000   -19.406903  -188.091404   -2.255011
-487.530962   -41.747968   -1684.792
 0.50000   -19.406903  -160.974492   -2.255011
-487.530962   -43.935446   -1790.053
 0.75000   -19.406903  -135.545900   -2.255011
-487.530962   -46.498036   -1895.421
 1.00000   -19.406903  -112.274286   -2.255011
-487.530962   -49.371254   -2000.793

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    24.230365   409.322021     6.428271
446.490155    54.378503    2789.243
 0.25000    24.230365   430.784677     6.428271
446.490155    50.614310    2532.120
 0.50000    24.230365   453.541989     6.428271
446.490155    47.515661    2264.045
 0.75000    24.230365   477.141005     6.428271
446.490155    45.210510    1988.018
 1.00000    24.230365   501.176505     6.428271
446.490155    44.020118    1728.238
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                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1698

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -23.475944  -193.819378   -5.288977
-437.156564   -55.882045   -1637.992
 0.25000   -23.475944  -170.204775   -5.288977
-437.156564   -54.117360   -1727.287
 0.50000   -23.475944  -147.596426   -5.288977
-437.156564   -52.850082   -1816.955
 0.75000   -23.475944  -126.395576   -5.288977
-437.156564   -52.210233   -1906.746
 1.00000   -23.475944  -106.992950   -5.288977
-437.156564   -52.122385   -1996.731

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    18.762054   58.305000     0.746689
326.400906    32.139414   592.635992
 0.25000    18.762054   58.312599     0.746689
326.414258    34.653668   534.903167
 0.50000    18.762054   58.320714     0.746689
326.429114    37.538858   481.914663
 0.75000    18.762054   58.329215     0.746689
326.445113    40.947223   452.946353
 1.00000    18.762054   58.337958     0.746689
326.461877    44.874706   438.567751

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -17.160830  -35.410804    -6.396251
-128.465682   -33.180251   -589.048940
 0.25000   -17.160830  -35.403862    -6.396251
-128.446660   -28.396041   -554.116193
 0.50000   -17.160830  -35.397263    -6.396251
-128.428495   -24.174756   -524.367643
 0.75000   -17.160830  -35.391138    -6.396251
-128.411470   -20.699908   -524.128961
 1.00000   -17.160830  -35.385613    -6.396251
-128.396064   -18.043127   -531.286533

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    29.383899   135.048309     0.716311
581.508499    40.396829    1177.197
 0.25000    29.383899   135.055906     0.716311
581.521806    45.746227    1047.109
 0.50000    29.383899   135.064017     0.716311
581.536612    51.931780    931.827944
 0.75000    29.383899   135.072514     0.716311
581.552561    59.173487    862.158175
 1.00000    29.383899   135.081252     0.716311
581.569270    67.571270    818.033895

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -28.021969   -62.591374   -12.452972
-185.507595   -60.933034   -1125.242
 0.25000   -28.021969   -62.584437   -12.452972
-185.488616   -51.194722   -1073.945
 0.50000   -28.021969   -62.577843   -12.452972
-185.470510   -42.633179   -1038.890
 0.75000   -28.021969   -62.571723   -12.452972
-185.453507   -35.648101   -1058.710
 1.00000   -28.021969   -62.566201   -12.452972
-185.438137   -30.219272   -1096.004

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    30.262476   254.589221     1.016548
688.579580    41.175921    1899.206
 0.25000    30.262476   254.808012     1.016548
688.963056    45.659500    1668.464
 0.50000    30.262476   255.041633     1.016548
689.389699    50.954086    1477.453
 0.75000    30.262476   255.286358     1.016548
689.849262    57.300313    1352.863
 1.00000    30.262476   255.538051     1.016548
690.330750    64.768368    1271.441
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1699

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -28.391396   -88.893271   -11.718246
-179.448728   -60.184505   -1667.276
 0.25000   -28.391396   -88.693459   -11.718246
-178.901945   -51.032761   -1621.588
 0.50000   -28.391396   -88.503545   -11.718246
-178.380271   -43.050652   -1621.218
 0.75000   -28.391396   -88.327256   -11.718246
-177.890412   -36.617884   -1701.675
 1.00000   -28.391396   -88.166210   -11.718246
-177.447570   -31.707712   -1817.316

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    32.367233   378.023194     5.118933
641.390049    57.307865    2508.130
 0.25000    32.367233   389.169039     5.118933
654.467145    58.090822    2232.939
 0.50000    32.367233   401.048419     5.118933
672.260660    59.898627    2007.680
 0.75000    32.367233   413.470144     5.118933
691.531517    62.895992    1843.088
 1.00000    32.367233   426.217387     5.118933
711.701930    67.166500    1716.679

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -29.939408  -160.018474   -10.166108
-393.722909   -64.164953   -1941.868
 0.25000   -29.939408  -150.067535   -10.166108
-369.327592   -58.692567   -1927.028
 0.50000   -29.939408  -140.590923   -10.166108
-345.008158   -54.347639   -1991.935
 0.75000   -29.939408  -131.793200   -10.166108
-323.796217   -51.751123   -2144.156
 1.00000   -29.939408  -123.851279   -10.166108
-303.898116   -50.646796   -2344.462

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.798226   107.122652     0.255464
268.494330    6.401538   751.429326
 0.25000    9.798226   107.198616     0.255464
268.627405    9.033784   654.194827
 0.50000    9.798226   107.279729     0.255464
268.775464   10.845157   573.491512
 0.75000    9.798226   107.364696     0.255464
268.934955   14.307016   519.220222
 1.00000    9.798226   107.452082     0.255464
269.102043   18.503285   479.293123

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -10.022821   -32.761668    -5.656201
-45.941344   -26.138590   -655.412914
 0.25000   -10.022821   -32.692948    -5.656201
-45.751562   -20.744819   -642.653299
 0.50000   -10.022821   -32.626364    -5.656201
-45.570495   -16.745745   -648.432415
 0.75000   -10.022821   -32.565160    -5.656201
-45.400469   -13.835605   -684.488952
 1.00000   -10.022821   -32.509942    -5.656201
-45.246763   -11.695153   -738.067450

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    13.464780   275.699639     2.128248
419.266762    18.133533    1552.447
 0.25000    13.464780   275.707238     2.128248
419.280106    18.414240    1515.067
 0.50000    13.464780   275.715352     2.128248
419.294954    19.349125    1332.917
 0.75000    13.464780   275.723852     2.128248
419.310945    21.078295    1213.548
 1.00000    13.464780   275.732595     2.128248
419.327699    23.618308    1137.606
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1700

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.585879   -73.750077    -5.346078
-94.348872   -31.152846   -1375.056
 0.25000   -12.585879   -73.743135    -5.346078
-94.329858   -27.409520   -1370.667
 0.50000   -12.585879   -73.736538    -5.346078
-94.311699   -24.513562   -1427.774
 0.75000   -12.585879   -73.730414    -5.346078
-94.294681   -22.719539   -1546.700
 1.00000   -12.585879   -73.724889    -5.346078
-94.279281   -21.869099   -1704.890

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    25.976058   300.915773     2.159951
639.791955    35.959182    2072.630
 0.25000    25.976058   300.922612     2.159951
639.803965    38.956143    1806.895
 0.50000    25.976058   300.929915     2.159951
639.817328    42.779358    1595.220
 0.75000    25.976058   300.937565     2.159951
639.831720    47.674563    1459.972
 1.00000    25.976058   300.945433     2.159951
639.846799    53.737195    1375.258

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -24.496264   -93.586280   -10.537043
-175.263225   -55.767353   -1795.466
 0.25000   -24.496264   -93.580033   -10.537043
-175.246112   -48.087685   -1770.247
 0.50000   -24.496264   -93.574095   -10.537043
-175.229769   -41.589369   -1804.215
 0.75000   -24.496264   -93.568583   -10.537043
-175.214453   -36.599900   -1913.422
 1.00000   -24.496264   -93.563611   -10.537043
-175.200593   -33.083716   -2063.992

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    31.870811   438.970596     7.000860
590.243727    58.896851    2770.017
 0.25000    31.870811   456.032328     7.000860
590.246953    57.927921    2486.788
 0.50000    31.870811   474.173211     7.000860
590.319737    58.061666    2246.900
 0.75000    31.870811   493.085912     7.000860
602.437412    59.459210    2056.187
 1.00000    31.870811   512.431859     7.000860
623.265068    62.248148    1901.114

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -29.925178  -190.782349    -9.112018
-469.408459   -65.080405   -2079.475
 0.25000   -29.925178  -176.065025    -9.112018
-441.838848   -61.538132   -2092.492
 0.50000   -29.925178  -162.031665    -9.112018
-413.495420   -59.160622   -2198.865
 0.75000   -29.925178  -148.974756    -9.112018
-389.547101   -58.275201   -2389.845
 1.00000   -29.925178  -137.191366    -9.112018
-382.936288   -58.930887   -2635.846

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    17.640301   300.964911     8.639248
122.022310    49.193775    1676.906
 0.25000    17.640301   323.105418     8.639248
122.022310    43.373544    1550.109
 0.50000    17.640301   346.554759     8.639248
122.022310    38.149665    1440.554
 0.75000    17.640301   370.872552     8.639248
122.022310    33.880378    1323.498
 1.00000    17.640301   395.593625     8.639248
122.022310    30.732668    1200.596
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1701

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -16.742168  -156.624139    -0.673425
-522.529980   -82.971115   -904.656746
 0.25000   -16.742168  -138.809969    -0.673425
-526.867807   -37.487927   -964.603384
 0.50000   -16.742168  -121.731813    -0.673425
-531.204613   -42.359969   -1091.354
 0.75000   -16.742168  -105.787767    -0.673425
-535.543462   -47.692392   -1251.743
 1.00000   -16.742168   -91.410269    -0.673425
-539.880372   -53.610910   -1444.368

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    22.832142   472.894475    12.427870
242.412361    68.978801    2657.516
 0.25000    22.832142   498.357381    12.427870
242.412361    60.498752    2406.377
 0.50000    22.832142   525.349655    12.427870
242.412361    52.937043    2206.748
 0.75000    22.832142   553.375735    12.427870
242.412361    46.797397    2049.593
 1.00000    22.832142   581.907562    12.427870
242.412361    42.058159    1871.460

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -20.820326  -213.919738    -1.103424
-635.481115   -44.833899   -1578.732
 0.25000   -20.820326  -193.097756    -1.103424
-635.961022   -50.992575   -1656.636
 0.50000   -20.820326  -173.157976    -1.103424
-636.439314   -57.675148   -1844.799
 0.75000   -20.820326  -154.559850    -1.103424
-636.920836   -65.374844   -2089.358
 1.00000   -20.820326  -137.779298    -1.103424
-637.400743   -73.925542   -2385.871

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    26.430850   530.905568    10.565252
413.771189    63.553811    3100.091
 0.25000    26.430850   554.228202    10.565252
413.771189    56.854921    2782.078
 0.50000    26.430850   578.952810    10.565252
413.771189    51.265024    2527.226
 0.75000    26.430850   604.628173    10.565252
413.771189    47.179498    2314.461
 1.00000    26.430850   630.771824    10.565252
413.771189    44.680854    2130.149

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -24.553140  -221.917183    -3.440392
-579.321560   -52.129831   -1991.231
 0.25000   -24.553140  -202.806844    -3.440392
-579.238001   -54.824951   -2051.868
 0.50000   -24.553140  -184.509860    -3.440392
-579.152912   -58.531991   -2233.332
 0.75000   -24.553140  -167.445554    -3.440392
-579.070883   -63.537956   -2497.487
 1.00000   -24.553140  -152.048010    -3.440392
-578.987324   -69.801110   -2826.590

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    32.494879   494.584885     8.998207
565.050111    64.571428    3026.150
 0.25000    32.494879   514.027032     8.998207
565.050111    61.562465    2710.554
 0.50000    32.494879   534.637957     8.998207
565.050111    59.743028    2452.914
 0.75000    32.494879   556.041575     8.998207
565.050111    59.514510    2247.205
 1.00000    32.494879   577.835736     8.998207
565.050111    61.054927    2074.538
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1702

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -30.823871  -207.420341    -8.135845
-545.141681   -67.862257   -2131.195
 0.25000   -30.823871  -191.488356    -8.135845
-545.054618   -66.027567   -2167.289
 0.50000   -30.823871  -176.234550    -8.135845
-544.966277   -65.412866   -2311.390
 0.75000   -30.823871  -162.008452    -8.135845
-544.880491   -66.387211   -2539.153
 1.00000   -30.823871  -149.171864    -8.135845
-544.793428   -68.980474   -2826.511

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    24.230365   448.084760     8.865897
557.609230    61.492706    3013.682
 0.25000    24.230365   473.826260     8.865897
557.628119    53.132839    2752.739
 0.50000    24.230365   501.122019     8.865897
557.655291    47.515661    2476.025
 0.75000    24.230365   529.427401     8.865897
557.685151    45.289210    2190.246
 1.00000    24.230365   558.254298     8.865897
586.391835    44.386176    1895.444

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -23.475944  -218.696864    -8.915006
-550.780378   -57.410768   -1637.992
 0.25000   -23.475944  -188.091404    -8.915006
-550.780378   -54.117360   -1727.287
 0.50000   -23.475944  -160.974492    -8.915006
-550.780378   -52.850082   -1816.955
 0.75000   -23.475944  -135.545900    -8.915006
-550.780378   -52.210233   -1906.746
 1.00000   -23.475944  -112.274286    -8.915006
-550.780378   -52.122385   -2000.793

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    32.494879   530.905568    12.427870
688.579580    68.978801    3100.091
 0.25000    32.494879   554.228202    12.427870
688.963056    61.562465    2782.078
 0.50000    32.494879   578.952810    12.427870
689.389699    59.898627    2527.226
 0.75000    32.494879   604.628173    12.427870
691.531517    62.895992    2314.461
 1.00000    32.494879   630.771824    12.427870
711.701930    67.571270    2130.149

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -30.823871  -221.917183    -12.452972
-635.481115   -67.862257   -2131.195
 0.25000   -30.823871  -202.806844    -12.452972
-635.961022   -66.027567   -2167.289
 0.50000   -30.823871  -184.509860    -12.452972
-636.439314   -65.412866   -2311.390
 0.75000   -30.823871  -167.445554    -12.452972
-636.920836   -66.387211   -2539.153
 1.00000   -30.823871  -152.048010    -12.452972
-637.400743   -73.925542   -2826.590

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    32.494879   530.905568    12.427870
688.579580    68.978801    3100.091
 0.25000    32.494879   554.228202    12.427870
688.963056    61.562465    2782.078
 0.50000    32.494879   578.952810    12.427870
689.389699    59.898627    2527.226
 0.75000    32.494879   604.628173    12.427870
691.531517    62.895992    2314.461
 1.00000    32.494879   630.771824    12.427870
711.701930    67.571270    2130.149
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                1703

 F R A M E   E L E M E N T   I N T E R N A
L  F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -30.823871  -221.917183    -12.452972
-635.481115   -67.862257   -2131.195
 0.25000   -30.823871  -202.806844    -12.452972
-635.961022   -66.027567   -2167.289
 0.50000   -30.823871  -184.509860    -12.452972
-636.439314   -65.412866   -2311.390
 0.75000   -30.823871  -167.445554    -12.452972
-636.920836   -66.387211   -2539.153
 1.00000   -30.823871  -152.048010    -12.452972
-637.400743   -73.925542   -2826.590

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    32.494879   530.905568    12.427870
688.579580    68.978801    3100.091
 0.25000    32.494879   554.228202    12.427870
688.963056    61.562465    2782.078
 0.50000    32.494879   578.952810    12.427870
689.389699    59.898627    2527.226
 0.75000    32.494879   604.628173    12.427870
691.531517    62.895992    2314.461
 1.00000    32.494879   630.771824    12.427870
711.701930    67.571270    2130.149

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -30.823871  -221.917183    -12.452972
-635.481115   -67.862257   -2131.195
 0.25000   -30.823871  -202.806844    -12.452972
-635.961022   -66.027567   -2167.289
 0.50000   -30.823871  -184.509860    -12.452972
-636.439314   -65.412866   -2311.390
 0.75000   -30.823871  -167.445554    -12.452972
-636.920836   -66.387211   -2539.153
 1.00000   -30.823871  -152.048010    -12.452972
-637.400743   -73.925542   -2826.590

 ELEM      142 ================== LENGTH
=    4.928994

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    12.412075   38.175093     1.763731
260.585681    29.692595   218.217327
 0.25000    12.412075   38.187785     1.763731
260.608528    29.528047   221.318845
 0.50000    12.412075   38.201016     1.763731
260.641701    29.475614   225.146849
 0.75000    12.412075   38.214570     1.763731
260.676049    29.558322   228.982887
 1.00000    12.412075   38.229672     1.763731
260.715459    29.738768   232.856602

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -12.564299   -23.044614    -4.161539
-125.001022   -15.691990   -420.782731
 0.25000   -12.564299   -23.029856    -4.161539
-124.959578   -12.313355   -397.933648
 0.50000   -12.564299   -23.017274    -4.161539
-124.923411    -9.731436   -375.726008
 0.75000   -12.564299   -23.005493    -4.161539
-124.888928    -8.164578   -354.022983
 1.00000   -12.564299   -22.994781    -4.161539
-124.857915    -7.646088   -333.087634
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COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.145566	93.278921	1.204675
469.021561	43.447189	416.919119	
0.25000	20.145566	93.291608	1.204675
469.043744	46.198670	414.265328	
0.50000	20.145566	93.304834	1.204675
469.076860	49.194296	421.188707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1704

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	20.145566	93.318384	1.204675
469.111153	52.477286	428.847563	
1.00000	20.145566	93.333476	1.204675
469.150494	56.646065	437.706552	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.398082	-39.117394	-9.469565
-198.267340	-28.725015	-860.862901	
0.25000	-20.398082	-39.102648	-9.469565
-198.225967	-18.895086	-831.530610	
0.50000	-20.398082	-39.090072	-9.469565
-198.189856	-11.095786	-803.385797	
0.75000	-20.398082	-39.078287	-9.469565
-198.155426	-7.886718	-776.059121	
1.00000	-20.398082	-39.067590	-9.469565
-198.124476	-5.874798	-749.890280	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.099860	186.508897	1.053347
590.874992	39.757469	730.636014	
0.25000	21.099860	186.520317	1.053347
590.895076	41.847872	616.065899	
0.50000	21.099860	186.532221	1.053347
590.924891	44.283513	592.782347	
0.75000	21.099860	186.544417	1.053347
590.955765	47.175654	609.325459	
1.00000	21.099860	186.558002	1.053347
590.991184	51.012346	625.950242	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.186408	-53.784766	-9.129526
-216.515624	-29.308275	-1364.938	
0.25000	-21.186408	-53.771491	-9.129526
-216.478376	-20.207453	-1356.717	
0.50000	-21.186408	-53.760172	-9.129526
-216.445865	-12.642606	-1349.684	
0.75000	-21.186408	-53.749574	-9.129526
-216.414869	-8.309461	-1343.501	
1.00000	-21.186408	-53.739937	-9.129526
-216.387003	-5.926526	-1338.290	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.279341	332.370133	4.348328
576.597953	41.870734	1261.903	
0.25000	23.279341	344.326131	4.348328
576.597953	40.635341	1062.464	
0.50000	23.279341	356.814228	4.348328
582.970678	40.508060	930.942668	
0.75000	23.279341	369.621149	4.348328
604.786975	43.019085	828.217632	
1.00000	23.279341	383.570147	4.348328
634.850975	46.318454	746.483185	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.105043	-109.685616	-7.749936
-390.878820	-40.793669	-1730.302	
0.25000	-23.105043	-96.271376	-7.749936
-360.288920	-34.333248	-1768.420	
0.50000	-23.105043	-84.528296	-7.749936
-338.081579	-29.156600	-1807.636	
0.75000	-23.105043	-73.555091	-7.749936
-314.841571	-25.096507	-1847.594	
1.00000	-23.105043	-63.849324	-7.749936
-307.598282	-26.745494	-1888.363	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.295810	81.422335	0.128228
229.809306	10.072762	275.680959	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1705

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	7.295810	81.561932	0.128228
230.057705	13.376153	230.012783	
0.50000	7.295810	81.707445	0.128228
230.422360	16.780151	236.477159	
0.75000	7.295810	81.856524	0.128228
230.799845	44.258000	242.763827	
1.00000	7.295810	82.022604	0.128228
231.233148	24.415838	249.043103	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.352990	-20.199692	-5.297125
-71.182624	-12.968780	-570.996649	
0.25000	-7.352990	-20.037399	-5.297125
-70.727056	-6.612281	-572.453501	
0.50000	-7.352990	-19.899029	-5.297125
-70.329463	-1.417042	-574.242463	
0.75000	-7.352990	-19.769456	-5.297125
-69.950380	-1.411954	-576.490055	
1.00000	-7.352990	-19.651655	-5.297125
-69.609518	-1.413633	-579.068917	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.234097	225.374119	1.697253
402.058869	11.751523	803.509336	
0.25000	10.234097	225.386809	1.697253
402.081318	13.366271	606.062563	
0.50000	10.234097	225.400036	1.697253
402.114457	15.814864	521.691201	
0.75000	10.234097	225.413588	1.697253
402.148772	18.678289	498.679391	
1.00000	10.234097	225.428684	1.697253
402.188140	22.543716	506.776979	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.044955	-40.482664	-5.010473
-133.801200	-19.693302	-1260.334	
0.25000	-10.044955	-40.467912	-5.010473
-133.759798	-14.774857	-1293.368	
0.50000	-10.044955	-40.455335	-5.010473
-133.723665	-10.931169	-1326.829	
0.75000	-10.044955	-40.443557	-5.010473
-133.689213	-10.343544	-1360.642	
1.00000	-10.044955	-40.432848	-5.010473
-133.658238	-10.828196	-1394.565	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.662177	237.860872	1.626531
571.456637	31.855128	899.686874	
0.25000	18.662177	237.872293	1.626531
571.476841	34.097534	724.524576	
0.50000	18.662177	237.884198	1.626531
571.506666	37.120732	652.656516	
0.75000	18.662177	237.896394	1.626531
571.537550	40.539618	635.485090	
1.00000	18.662177	237.909981	1.626531
571.572981	44.768039	646.427040	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.619332	-53.292723	-8.458656
-213.462880	-30.245427	-1493.997	
0.25000	-18.619332	-53.279446	-8.458656
-213.425619	-21.527779	-1507.614	
0.50000	-18.619332	-53.268126	-8.458656
-213.393099	-13.830519	-1522.136	
0.75000	-18.619332	-53.257527	-8.458656
-213.362093	-11.874589	-1537.462	
1.00000	-18.619332	-53.247888	-8.458656
-213.334215	-12.391730	-1553.446	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1706

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.758765	407.382208	5.194517
550.712279	40.182727	1502.797	
0.25000	23.758765	425.910165	5.194517
550.712279	37.789023	1264.131	
0.50000	23.758765	445.314741	5.194517
550.712279	36.207709	1084.891	
0.75000	23.758765	465.242772	5.194517
550.712279	37.358991	923.551796	
1.00000	23.758765	486.285993	5.194517
555.712519	40.965010	784.105963	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.480080	-132.148767	-7.110785
-440.254270	-45.346672	-1873.232	
0.25000	-23.480080	-112.371123	-7.110785
-415.569858	-39.341236	-1941.975	
0.50000	-23.480080	-94.397759	-7.110785
-388.602321	-34.215130	-2011.731	
0.75000	-23.480080	-77.647636	-7.110785
-388.602321	-33.795235	-2082.171	
1.00000	-23.480080	-64.083099	-7.110785
-388.602321	-35.212660	-2153.190	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.249943	336.413905	6.500600
162.360125	25.598446	1207.854	
0.25000	14.249943	360.545211	6.500600
162.360125	19.395369	1032.079	
0.50000	14.249943	385.965635	6.500600
162.360125	14.074228	827.328709	
0.75000	14.249943	412.134319	6.500600
162.360125	9.792373	594.107128	
1.00000	14.249943	438.120111	6.500600
162.360125	6.828802	380.946218	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.929536	-108.423991	-0.445349
-462.217119	-33.873553	-983.167511	
0.25000	-13.929536	-84.983307	-0.445349
-462.217119	-35.695926	-1080.916	
0.50000	-13.929536	-62.128034	-0.445349
-462.217119	-37.643742	-1178.926	
0.75000	-13.929536	-40.950477	-0.445349
-462.217119	-39.603999	-1277.356	
1.00000	-13.929536	-26.985103	-0.445349
-462.217119	-41.602010	-1376.173	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.288780	498.300093	10.006263
296.566536	31.619181	1810.250	
0.25000	18.288780	526.985608	10.006263
296.566536	23.912261	1500.140	
0.50000	18.288780	557.140413	10.006263
296.566536	17.648355	1181.207	
0.75000	18.288780	588.162793	10.006263
296.566536	12.462331	874.156655	
1.00000	18.288780	619.524099	10.006263
296.566536	10.208652	623.332375	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.680664	-146.248645	-0.393234
-547.855140	-47.683470	-1635.547	
0.25000	-17.680664	-117.754575	-0.393234
-547.855140	-50.403828	-1771.392	
0.50000	-17.680664	-90.405413	-0.393234
-547.855140	-54.076992	-1907.635	
0.75000	-17.680664	-65.026096	-0.393234
-547.855140	-58.388661	-2044.158	
1.00000	-17.680664	-47.147155	-0.393234
-547.855140	-63.366875	-2181.307	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1707

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.029945	528.499073	7.995040
447.190326	31.311846	1896.076	
0.25000	21.029945	554.797084	7.995040
447.190326	25.143825	1545.019	
0.50000	21.029945	582.436236	7.995040
447.190326	20.358450	1264.307	
0.75000	21.029945	610.868720	7.995040
447.190326	16.878954	1002.029	
1.00000	21.029945	639.663572	7.995040
447.190326	16.745682	782.059958	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.485509	-151.096114	-2.786315
-533.207961	-47.608132	-2001.333	
0.25000	-20.485509	-124.915172	-2.786315
-533.207961	-47.277435	-2131.366	
0.50000	-20.485509	-99.825531	-2.786315
-533.207961	-47.383063	-2261.985	
0.75000	-20.485509	-76.543010	-2.786315
-533.207961	-48.600516	-2392.932	
1.00000	-20.485509	-60.029998	-2.786315
-533.207961	-51.100633	-2524.456	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.874718	475.918531	6.731302
549.520104	41.188443	1728.748	
0.25000	24.874718	497.843898	6.731302
549.520104	37.797455	1441.342	
0.50000	24.874718	520.887215	6.731302
549.520104	35.591255	1210.597	
0.75000	24.874718	544.591888	6.731302
549.520104	34.499705	995.839341	
1.00000	24.874718	568.600394	6.731302
549.520104	36.581054	816.170377	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.525753	-139.461245	-6.444377
-514.630627	-50.471302	-1996.922	
0.25000	-24.525753	-117.631537	-6.444377
-514.630627	-45.342701	-2094.779	
0.50000	-24.525753	-96.713064	-6.444377
-514.630627	-41.161891	-2193.493	
0.75000	-24.525753	-77.301277	-6.444377
-514.630627	-42.223047	-2292.976	
1.00000	-24.525753	-63.529866	-6.444377
-514.630627	-44.134072	-2393.189	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.810942	55.443471	1.649586
352.009587	44.109422	437.598895	
0.25000	18.810942	55.451527	1.649586
352.023681	44.834862	427.010779	
0.50000	18.810942	55.460056	1.649586
352.039229	46.060666	423.135710	
0.75000	18.810942	55.468919	1.649586
352.055881	47.823868	426.366528	
1.00000	18.810942	55.477973	1.649586
352.073295	50.012943	436.283856	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.372549	-47.251320	-4.458869
-201.336363	-17.576058	-530.789756	
0.25000	-17.372549	-47.244835	-4.458869
-201.317337	-14.717303	-519.467692	
0.50000	-17.372549	-47.238729	-4.458869
-201.299222	-12.589767	-514.812365	
0.75000	-17.372549	-47.233137	-4.458869
-201.282401	-11.351618	-521.917707	
1.00000	-17.372549	-47.228173	-4.458869
-201.267240	-12.951661	-537.268165	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1708

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	29.342117	129.124722	1.346339
624.797227	66.172842	816.260659	
0.25000	29.342117	129.132776	1.346339
624.811275	72.523863	787.596305	
0.50000	29.342117	129.141303	1.346339
624.826775	80.330089	779.206620	
0.75000	29.342117	129.150163	1.346339
624.843376	90.145483	787.834710	
1.00000	29.342117	129.159213	1.346339
624.860737	101.150917	811.449050	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.363653	-80.252627	-12.310391
-310.071624	-29.527379	-1095.504	
0.25000	-28.363653	-80.246148	-12.310391
-310.052641	-21.979469	-1106.947	
0.50000	-28.363653	-80.240047	-12.310391
-310.034566	-14.943406	-1137.877	
0.75000	-28.363653	-80.234460	-12.310391
-310.017782	-12.726737	-1191.819	
1.00000	-28.363653	-80.229500	-12.310391
-310.002655	-11.495006	-1263.553	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	29.917614	262.739612	1.406298
752.632942	62.892769	1269.378	
0.25000	29.917614	262.971584	1.406298
753.037725	68.221033	1184.224	
0.50000	29.917614	263.217160	1.406298
753.484365	75.058291	1144.298	
0.75000	29.917614	263.472345	1.406298
753.962714	83.780447	1154.476	
1.00000	29.917614	263.733001	1.406298
754.462979	93.958076	1191.715	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-28.535548	-105.661403	-11.747655
-326.067541	-31.095496	-1817.036	
0.25000	-28.535548	-105.474787	-11.747655
-325.520609	-23.022446	-1916.988	
0.50000	-28.535548	-105.299045	-11.747655
-324.999864	-16.754575	-2053.139	
0.75000	-28.535548	-105.138135	-11.747655
-324.516312	-14.851378	-2228.617	
1.00000	-28.535548	-104.995255	-11.747655
-324.080486	-12.490927	-2436.767	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.545367	425.997552	5.739357
726.900515	64.848559	1715.134	
0.25000	32.545367	437.911669	5.739357
737.197834	66.603223	1595.879	
0.50000	32.545367	450.502649	5.739357
756.030566	70.439890	1516.702	
0.75000	32.545367	463.768197	5.739357
776.336694	77.469388	1485.789	
1.00000	32.545367	476.892038	5.739357
797.588002	86.246535	1483.991	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-30.652949	-158.866082	-10.048759
-508.959999	-49.748471	-2344.017	
0.25000	-30.652949	-149.668342	-10.048759
-484.374679	-45.732624	-2564.072	
0.50000	-30.652949	-140.996130	-10.048759
-460.863153	-43.830908	-2833.922	
0.75000	-30.652949	-133.053584	-10.048759
-439.067285	-45.518876	-3155.834	
1.00000	-30.652949	-126.009796	-10.048759
-419.365672	-49.186504	-3527.679	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1709

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.625266	106.692575	0.214000
290.047116	17.936258	478.452202	
0.25000	9.625266	106.773117	0.214000
290.187589	23.787354	442.435560	
0.50000	9.625266	106.858382	0.214000
290.342591	30.558887	435.199816	
0.75000	9.625266	106.946983	0.214000
290.508600	38.864879	441.441679	
1.00000	9.625266	107.037483	0.214000
290.682215	47.757533	458.519836	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.089591	-37.093959	-7.962295
-99.451629	-11.608360	-738.203514	
0.25000	-10.089591	-37.029181	-7.962295
-99.261794	-6.650491	-787.282756	
0.50000	-10.089591	-36.968169	-7.962295
-99.081047	-2.598761	-852.191293	
0.75000	-10.089591	-36.912306	-7.962295
-98.913208	-2.411792	-932.338095	
1.00000	-10.089591	-36.862702	-7.962295
-98.761936	-2.564683	-1025.573	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.219532	300.912177	2.346574
468.576711	22.224768	1136.440	
0.25000	13.219532	300.920233	2.346574
468.590796	25.752901	1018.810	
0.50000	13.219532	300.928761	2.346574
468.606337	31.093844	956.815122	
0.75000	13.219532	300.937624	2.346574
468.622980	38.070284	957.281568	
1.00000	13.219532	300.946677	2.346574
468.640386	45.954774	992.886683	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.720011	-74.489606	-7.320796
-160.908969	-21.639325	-1705.137	
0.25000	-12.720011	-74.483123	-7.320796
-160.889949	-18.117750	-1876.390	
0.50000	-12.720011	-74.477017	-7.320796
-160.871841	-16.213156	-2085.632	
0.75000	-12.720011	-74.471426	-7.320796
-160.855027	-17.457574	-2331.865	
1.00000	-12.720011	-74.466462	-7.320796
-160.839871	-19.607553	-2612.721	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.755668	320.967715	2.301059
703.666662	51.865959	1373.476	
0.25000	25.755668	320.974965	2.301059
703.679539	57.469991	1257.451	
0.50000	25.755668	320.982641	2.301059
703.693326	65.209475	1198.390	
0.75000	25.755668	320.990617	2.301059
703.708304	75.109755	1202.161	
1.00000	25.755668	320.998765	2.301059
703.723969	86.799499	1243.805	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.783930	-103.120533	-11.751095
-292.641931	-32.566383	-2063.825	
0.25000	-24.783930	-103.114698	-11.751095
-292.624814	-25.606251	-2209.647	
0.50000	-24.783930	-103.109202	-11.751095
-292.608517	-20.663002	-2396.052	
0.75000	-24.783930	-103.104171	-11.751095
-292.593383	-19.805528	-2627.079	
1.00000	-24.783930	-103.099703	-11.751095
-292.579743	-21.700338	-2887.633	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1710

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.254208	512.270753	6.732424
697.664901	59.750936	1900.109	
0.25000	32.254208	530.731955	6.732424
697.667427	60.875688	1762.302	
0.50000	32.254208	550.205840	6.732424
698.125452	64.220313	1684.234	
0.75000	32.254208	570.358372	6.732424
702.656829	70.366637	1607.743	
1.00000	32.254208	590.858120	6.732424
725.419591	79.809486	1580.374	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-30.882822	-176.553986	-9.938909
-577.278956	-57.952860	-2635.266	
0.25000	-30.882822	-163.190374	-9.938909
-548.777191	-54.728223	-2924.454	
0.50000	-30.882822	-150.554487	-9.938909
-519.908782	-53.508908	-3269.529	
0.75000	-30.882822	-138.980845	-9.938909
-507.837799	-56.158246	-3675.032	
1.00000	-30.882822	-128.743149	-9.938909
-502.180992	-61.791880	-4131.963	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	18.593707	400.885788	7.678364
234.582492	29.155680	1201.606	
0.25000	18.593707	425.393047	7.678364
234.582492	24.111068	1110.732	
0.50000	18.593707	451.152911	7.678364
234.582492	19.798126	1017.128	
0.75000	18.593707	477.708502	7.678364
234.582492	16.691789	924.289303	
1.00000	18.593707	504.578780	7.678364
234.582492	14.871881	837.263927	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.961412	-117.952824	-0.578554
-568.680382	-52.689564	-1443.488	
0.25000	-17.961412	-102.344577	-0.578554
-573.019476	-56.620028	-1719.868	
0.50000	-17.961412	-87.553192	-0.578554
-577.358570	-61.142745	-2032.506	
0.75000	-17.961412	-73.980961	-0.578554
-581.697664	-66.340219	-2384.711	
1.00000	-17.961412	-62.013867	-0.578554
-586.036676	-72.206416	-2779.925	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.131785	606.301194	12.321179
378.689056	39.838686	1872.361	
0.25000	24.131785	634.351051	12.321179
378.689056	33.105246	1705.733	
0.50000	24.131785	663.847820	12.321179
378.689056	28.343073	1556.143	
0.75000	24.131785	694.272475	12.321179
378.689056	25.111031	1442.784	
1.00000	24.131785	725.104356	12.321179
378.689056	23.253608	1358.175	

COMB DL-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-22.518314	-166.503473	-0.830345
-672.137044	-72.729973	-2384.947	
0.25000	-22.518314	-148.113936	-0.830345
-672.617091	-79.703534	-2788.946	
0.50000	-22.518314	-130.658362	-0.830345
-673.097138	-88.327434	-3249.696	
0.75000	-22.518314	-114.672552	-0.830345
-673.577186	-98.390326	-3769.195	
1.00000	-22.518314	-100.556179	-0.830345
-674.057224	-109.623122	-4360.043	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	27.232185	654.154621	10.012252
559.977297	42.064556	2130.353	
0.25000	27.232185	679.829250	10.012252
559.977297	38.117014	1940.093	
0.50000	27.232185	706.829715	10.012252
559.977297	36.378951	1793.718	
0.75000	27.232185	734.681759	10.012252
559.977297	36.542438	1697.800	
1.00000	27.232185	762.912020	10.012252
559.977297	38.493588	1635.796	

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-25.892708	-181.801516	-4.341822
-662.466527	-88.754873	-2825.946	
0.25000	-25.892708	-164.904884	-4.341822
-662.382943	-71.527646	-3252.405	
0.50000	-25.892708	-148.869738	-4.341822
-662.299360	-75.999128	-3745.766	
0.75000	-25.892708	-134.185996	-4.341822
-662.215777	-82.375410	-4307.927	
1.00000	-25.892708	-121.216092	-4.341822
-662.132195	-90.533374	-4942.540	

COMB DL-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	33.123734	594.259430	8.475398
702.203754	58.344369	2074.062	
0.25000	33.123734	615.661253	8.475398
702.203754	56.746783	1905.941	
0.50000	33.123734	638.168770	8.475398
702.203754	61.763627	1781.078	
0.75000	33.123734	661.382771	8.475398
702.203754	67.674077	1705.065	
1.00000	33.123734	684.919698	8.475398
702.203754	75.630646	1663.162	

COMB DL-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-32.070438	-180.411959	-9.679173
-661.302000	-67.884460	-2825.764	
0.25000	-32.070438	-166.325346	-9.679173
-661.214911	-66.006112	-3181.993	
0.50000	-32.070438	-152.956597	-9.679173
-661.127822	-63.348078	-3600.993	
0.75000	-32.070438	-140.713984	-9.679173
-661.040733	-71.158632	-4084.648	
1.00000	-32.070438	-129.900625	-9.679173
-660.953646	-77.947567	-4634.836	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	24.874718	528.499073	10.006263
590.874992	43.447189	1896.076	
0.25000	24.874718	554.797084	10.006263
590.895076	46.198670	1545.019	
0.50000	24.874718	582.436236	10.006263
590.924891	49.194296	1264.307	
0.75000	24.874718	610.868720	10.006263
604.786975	52.477286	1002.029	
1.00000	24.874718	639.663572	10.006263
634.850975	56.646065	816.170377	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-24.525753	-151.096114	-9.469565
-547.855140	-50.471302	-2001.333	
0.25000	-24.525753	-124.915172	-9.469565
-547.855140	-51.403828	-2131.366	
0.50000	-24.525753	-99.825531	-9.469565
-547.855140	-54.076992	-2261.985	
0.75000	-24.525753	-77.647636	-9.469565
-547.855140	-58.388661	-2392.932	
1.00000	-24.525753	-64.083099	-9.469565
-547.855140	-63.366875	-2524.456	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	33.123734	654.154621	12.321179
752.632942	66.172842	2130.353	
0.25000	33.123734	679.829250	12.321179
753.037725	72.523863	1940.093	
0.50000	33.123734	706.829715	12.321179
756.030566	80.333089	1793.718	
0.75000	33.123734	734.681759	12.321179
776.336694	90.145483	1705.065	
1.00000	33.123734	762.912020	12.321179
797.588002	101.150917	1663.162	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-32.070438	-181.801516	-12.310391
-672.137044	-72.729973	-2825.946	
0.25000	-32.070438	-166.325346	-12.310391
-672.617091	-79.703534	-3252.405	
0.50000	-32.070438	-152.956597	-12.310391
-673.097138	-88.327434	-3745.766	
0.75000	-32.070438	-140.713984	-12.310391
-673.577186	-98.390326	-4307.927	
1.00000	-32.070438	-129.900625	-12.310391
-674.057224	-109.623122	-4942.540	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	33.123734	654.154621	12.321179
752.632942	66.172842	2130.353	
0.25000	33.123734	679.829250	12.321179
753.037725	72.523863	1940.093	
0.50000	33.123734	706.829715	12.321179
756.030566	80.333089	1793.718	
0.75000	33.123734	734.681759	12.321179
776.336694	90.145483	1705.065	
1.00000	33.123734	762.912020	12.321179
797.588002	101.150917	1663.162	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-32.070438	-181.801516	-12.310391
-672.137044	-72.729973	-2825.946	
0.25000	-32.070438	-166.325346	-12.310391
-672.617091	-79.703534	-3252.405	
0.50000	-32.070438	-152.956597	-12.310391
-673.097138	-88.327434	-3745.766	
0.75000	-32.070438	-140.713984	-12.310391
-673.577186	-98.390326	-4307.927	
1.00000	-32.070438	-129.900625	-12.310391
-674.057224	-109.623122	-4942.540	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	-32.070438	-181.801516	-12.310391
-672.137044	-72.729973	-2825.946	
0.25000	-32.070438	-166.325346	-12.310391
-672.617091	-79.703534	-3252.405	
0.50000	-32.070438	-152.956597	-12.310391
-673.097138	-88.327434	-3745.766	
0.75000	-32.070438	-140.713984	-12.310391
-673.577186	-98.390326	-4307.927	
1.00000	-32.070438	-129.900625	-12.310391
-674.057224	-109.623122	-4942.540	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 143 ========== LENGTH = 3.448999

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	12.513796	29.834981	2.605505
241.058215	29.351805	232.780762	
0.25000	12.513796	29.844635	2.605505
241.083240	28.424682	233.164574	
0.50000	12.513796	29.854376	2.605505
241.108676	27.636083	233.590324	
0.75000	12.513796	29.864150	2.605505
241.134617	26.904781	234.016099	
1.00000	12.513796	29.873757	2.605505
241.160713	26.275731	234.441949	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.737730	-41.277828	-3.112169
-189.881091	-7.486876	-332.518401	
0.25000	-12.737730	-41.268452	-3.112169
-189.852854	-7.025683	-302.632604	
0.50000	-12.737730	-41.259479	-3.112169
-189.825797	-6.711184	-275.108257	
0.75000	-12.737730	-41.252715	-3.112169
-189.800165	-6.801042	-246.404226	
1.00000	-12.737730	-41.248689	-3.112169
-189.777536	-7.081940	-219.903632	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	20.276113	75.753345	2.764273
424.866053	56.026621	437.597553	
0.25000	20.276113	75.762995	2.764273
424.891037	55.836214	440.677206	
0.50000	20.276113	75.772732	2.764273
424.916434	55.835601	443.825092	
0.75000	20.276113	75.782502	2.764273
424.942336	56.112761	446.973001	
1.00000	20.276113	75.792105	2.764273
424.968344	56.645354	450.121368	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-20.682974	-74.526041	-6.990812
-323.941326	-5.669391	-748.975266	
0.25000	-20.682974	-74.516772	-6.990812
-323.913130	-5.565277	-702.224311	
0.50000	-20.682974	-74.507706	-6.990812
-323.886145	-5.473708	-657.059032	
0.75000	-20.682974	-74.500979	-6.990812
-323.860551	-5.403515	-613.502746	
1.00000	-20.682974	-74.496994	-6.990812
-323.837953	-5.336452	-571.849015	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	21.173455	166.020583	2.742715
531.939336	49.778640	625.854457	
0.25000	21.173455	166.029269	2.742715
531.961829	49.705753	634.729321	
0.50000	21.173455	166.038032	2.742715
531.984693	49.892593	643.662870	
0.75000	21.173455	166.046826	2.742715
532.008012	50.402463	652.596440	
1.00000	21.173455	166.055470	2.742715
532.031435	51.183375	661.530010	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-21.424400	-86.062019	-6.610534
-388.683790	-5.642488	-1337.333	
0.25000	-21.424400	-86.053585	-6.610534
-388.658406	-5.429941	-1299.999	
0.50000	-21.424400	-86.045514	-6.610534
-388.634106	-5.398921	-1264.389	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	-21.424400	-86.039454	-6.610534
-388.611065	-5.370029	-1230.627	
1.00000	-21.424400	-86.035860	-6.610534
-388.590721	-5.341752	-1198.401	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	23.736712	347.867879	4.717644
561.854342	45.134158	746.446278	
0.25000	23.736712	356.909335	4.717644
561.853702	45.089038	741.499636	
0.50000	23.736712	366.053673	4.717644
573.653938	45.264551	756.494633	
0.75000	23.736712	375.246938	4.717644
591.241353	45.708054	771.510012	
1.00000	23.736712	384.294491	4.717644
607.677263	46.382818	786.528288	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.769387	-110.680542	-6.044330
-499.319087	-25.824459	-1887.855	
0.25000	-23.769387	-102.082275	-6.044330
-482.327409	-26.013426	-1896.783	
0.50000	-23.769387	-95.352451	-6.044330
-464.829307	-26.238299	-1907.136	
0.75000	-23.769387	-90.285708	-6.044330
-449.043630	-26.539023	-1919.106	
1.00000	-23.769387	-89.670550	-6.044330
-449.043630	-26.895166	-1935.487	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.299142	71.503824	0.093388
200.680985	24.207423	249.020076	
0.25000	7.299142	71.610003	0.093388
200.956079	25.021591	253.303950	
0.50000	7.299142	71.717133	0.093388
201.235707	26.059116	257.800376	
0.75000	7.299142	71.824626	0.093388
201.520888	27.212594	262.297082	
1.00000	7.299142	71.930292	0.093388
201.807554	28.547658	266.793795	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.440968	-35.964822	-3.842642
-142.509139	-1.380757	-578.743740	
0.25000	-7.440968	-35.861716	-3.842642
-142.198714	-1.365801	-566.310515	
0.50000	-7.440968	-35.763044	-3.842642
-141.901401	-1.377113	-554.555482	
0.75000	-7.440968	-35.688803	-3.842642
-141.619619	-1.403758	-543.286711	
1.00000	-7.440968	-35.644698	-3.842642
-141.370829	-1.431124	-532.587894	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	10.352172	219.406302	1.299072
371.231962	21.601884	506.776501	
0.25000	10.352172	219.415954	1.299072
371.256962	22.574328	519.098766	
0.50000	10.352172	219.425692	1.299072
371.282375	23.754079	531.442919	
0.75000	10.352172	219.435464	1.299072
371.308292	25.150904	543.787110	
1.00000	10.352172	219.445069	1.299072
371.334335	26.792614	556.131310	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.285933	-54.467785	-3.533214
-255.708941	-10.750498	-1394.222	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	-10.285933	-54.457913	-3.533214
-255.680729	-11.345854	-1399.633	
0.50000	-10.285933	-54.448944	-3.533214
-255.653715	-11.978731	-1405.742	
0.75000	-10.285933	-54.442203	-3.533214
-255.628106	-12.658949	-1412.661	
1.00000	-10.285933	-54.438201	-3.533214
-255.605495	-13.396045	-1419.855	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	18.831044	224.887423	2.306146
525.202383	43.726784	646.372414	
0.25000	18.831044	224.896109	2.306146
525.224884	43.928324	658.316749	
0.50000	18.831044	224.904874	2.306146
525.247755	44.474529	670.308561	
0.75000	18.831044	224.913668	2.306146
525.271081	45.247009	682.316819	
1.00000	18.831044	224.922313	2.306146
525.294520	46.278084	694.325076	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-18.965724	-81.849964	-6.110890
-377.906748	-12.223741	-1552.705	
0.25000	-18.965724	-81.841530	-6.110890
-377.881357	-12.689384	-1534.619	
0.50000	-18.965724	-81.833457	-6.110890
-377.857045	-13.188127	-1517.799	
0.75000	-18.965724	-81.827399	-6.110890
-377.833997	-13.731546	-1502.340	
1.00000	-18.965724	-81.823789	-6.110890
-377.813647	-14.326272	-1488.175	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	24.379055	449.270491	4.805980
571.203262	39.817336	784.164232	
0.25000	24.379055	463.172499	4.805980
571.203262	40.071533	767.478739	
0.50000	24.379055	477.278709	4.805980
571.203262	40.527327	785.746679	
0.75000	24.379055	491.497806	4.805980
571.203262	41.173257	804.053666	
1.00000	24.379055	505.513571	4.805980
574.468621	42.030163	822.371726	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-24.323543	-105.870777	-6.107497
-518.325856	-33.898644	-2153.073	
0.25000	-24.323543	-95.961571	-6.107497
-500.508540	-34.029782	-2195.813	
0.50000	-24.323543	-88.364369	-6.107497
-500.508540	-34.034454	-2239.667	
0.75000	-24.323543	-86.657287	-6.107497
-500.508540	-34.190214	-2284.675	
1.00000	-24.323543	-86.657287	-6.107497
-500.508540	-34.434877	-2338.026	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	15.046431	432.584462	4.760894
291.573697	5.751412	381.227500	
0.25000	15.046431	450.414467	4.760894
291.573697	5.444411	338.466311	
0.50000	15.046431	468.634517	4.760894
291.573697	5.469695	351.599119	
0.75000	15.046431	487.094544	4.760894
291.573697	5.495159	364.749552	
1.00000	15.046431	505.343784	4.760894
291.573697	5.521176	377.931053	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-14.861228	-30.319246	-2.310649
-405.388029	-39.746772	-1377.130	
0.25000	-14.861228	-28.820463	-2.310649
-405.388029	-39.380112	-1480.839	
0.50000	-14.861228	-28.820463	-2.310649
-405.388029	-39.090571	-1584.556	
0.75000	-14.861228	-28.820463	-2.310649
-405.388029	-38.898526	-1688.801	
1.00000	-14.861228	-28.820463	-2.310649
-405.388029	-38.756112	-1809.523	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	19.355727	610.748784	7.021309
440.682970	9.733576	623.643332	
0.25000	19.355727	632.040264	7.021309
440.682970	9.772449	581.891022	
0.50000	19.355727	653.742044	7.021309
440.682970	9.814919	602.873362	
0.75000	19.355727	675.697296	7.021309
440.682970	9.861875	623.892920	
1.00000	19.355727	697.385647	7.021309
440.682970	9.915051	644.942011	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-18.930068	-58.093926	-2.625642
-518.694927	-61.123595	-2182.385	
0.25000	-18.930068	-49.216226	-2.625642
-518.694927	-61.880150	-2314.102	
0.50000	-18.930068	-49.218226	-2.625642
-518.694927	-62.340942	-2445.866	
0.75000	-18.930068	-49.218226	-2.625642
-518.694927	-63.173271	-2577.774	
1.00000	-18.930068	-49.218226	-2.625642
-518.694927	-64.138181	-2727.534	

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	21.929421	621.472226	5.917658
550.054013	15.839968	782.330430	
0.25000	21.929421	641.000567	5.917658
550.054013	16.263826	748.800192	
0.50000	21.929421	660.900105	5.917658
550.054013	16.891055	772.450058	
0.75000	21.929421	681.029067	5.917658
550.054013	17.683833	796.124459	
1.00000	21.929421	700.911827	5.917658
550.054013	18.592503	819.826862	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-21.601534	-76.662160	-4.000699
-569.369438	-49.175673	-2525.198	
0.25000	-21.601534	-67.866658	-4.000699
-569.369438	-49.261872	-2638.637	
0.50000	-21.601534	-67.866658	-4.000699
-569.369438	-49.432896	-2752.510	
0.75000	-21.601534	-67.866658	-4.000699
-569.369438	-49.747552	-2866.873	
1.00000	-21.601534	-67.866658	-4.000699
-569.369438	-50.170612	-2997.425	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	25.666513	545.977057	5.365635
616.608720	35.471102	816.357758	
0.25000	25.666513	562.258664	5.365635
616.608720	36.006973	789.771172	
0.50000	25.666513	578.849583	5.365635
616.608720	36.727534	810.851629	
0.75000	25.666513	595.631680	5.365635
616.608720	37.620697	831.972671	
1.00000	25.666513	612.208463	5.365635
616.608720	38.722159	853.117036	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-25.560062	-91.867973	-6.348392
-593.690727	-42.438858	-2393.472	
0.25000	-25.560062	-84.512954	-6.348392
-593.690727	-42.462902	-2470.298	
0.50000	-25.560062	-84.512954	-6.348392
-593.690727	-42.561636	-2547.915	
0.75000	-25.560062	-84.512954	-6.348392
-593.690727	-42.781275	-2626.567	
1.00000	-25.560062	-84.512954	-6.348392
-593.690727	-43.091379	-2719.306	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	18.853890	46.270446	2.704006
338.571312	49.632355	435.992899	
0.25000	18.853890	46.276745	2.704006
338.582832	49.246632	441.734756	
0.50000	18.853890	46.283216	2.704006
338.594943	49.037615	449.138554	
0.75000	18.853890	46.289794	2.704006
338.607504	48.990349	456.607819	
1.00000	18.853890	46.296416	2.704006
338.620382	49.122717	468.224944	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-17.511193	-66.466770	-3.065977
-276.368424	-10.795083	-537.324938	
0.25000	-17.511193	-66.462377	-3.065977
-276.354859	-10.447273	-526.332561	
0.50000	-17.511193	-66.458260	-3.065977
-276.341962	-10.442218	-517.517429	
0.75000	-17.511193	-66.454473	-3.065977
-276.329912	-10.753555	-510.636735	
1.00000	-17.511193	-66.451065	-3.065977
-276.318766	-11.220467	-505.717445	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	29.300064	106.481588	2.881074
581.849103	100.499958	811.045664	
0.25000	29.300064	106.487886	2.881074
581.860590	103.032138	829.201883	
0.50000	29.300064	106.494356	2.881074
581.872669	105.777087	851.037706	
0.75000	29.300064	106.500932	2.881074
581.885196	108.797515	875.589852	
1.00000	29.300064	106.507553	2.881074
581.898041	111.943872	902.603684	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-28.548550	-121.375747	-7.562516
-457.396399	-11.291391	-1263.863	
0.25000	-28.548550	-121.371360	-7.562516
-457.382867	-10.489776	-1269.050	
0.50000	-28.548550	-121.367249	-7.562516
-457.370001	-10.166704	-1278.547	
0.75000	-28.548550	-121.363469	-7.562516

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-457.357978  -10.134099   -1291.739
 1.00000   -28.548550 -121.360065   -7.562516
-457.346859  -10.224636   -1308.273

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     29.536580   234.344247     2.953124
693.917295    92.951942    1191.278
 0.25000     29.536580   234.525644     2.953124
694.248287    93.204963    1222.522
 0.50000     29.536580   234.711971     2.953124
694.596301    97.743324    1261.198
 0.75000     29.536580   234.901370     2.953124
694.957255   100.590895    1305.044
 1.00000     29.536580   235.092060     2.953124
695.327350   103.625724    1352.424
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1718

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -28.452513 -148.470916   -7.277612
-522.388186  -12.292533   -2437.281
 0.25000   -28.452513 -148.344521   -7.277612
-521.998306  -11.364104   -2532.975
 0.50000   -28.452513 -148.226104   -7.277612
-521.627604  -11.123968   -2638.092
 0.75000   -28.452513 -148.117229   -7.277612
-521.281226  -11.117048   -2750.318
 1.00000   -28.452513 -148.019142   -7.277612
-520.960867  -11.278581   -2867.173

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     32.797968   452.679819     5.008145
717.406910    85.372661    1483.617
 0.25000     32.797968   462.040495     5.008145
731.708918    87.302922    1491.419
 0.50000     32.797968   471.652035     5.008145
746.844640    89.474014    1514.611
 0.75000     32.797968   481.412830     5.008145
762.613453    91.905128    1544.275
 1.00000     32.797968   491.228926     5.008145
778.810290    94.493442    1601.821

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -31.253607 -181.795332   -6.544741
-648.392323  -48.977184   -3527.955
 0.25000   -31.253607 -175.760267   -6.544741
-631.015046  -49.530113   -3767.916
 0.50000   -31.253607 -170.109131   -6.544741
-614.429378  -50.675914   -4026.079
 0.75000   -31.253607 -164.916481   -6.544741
-598.959311  -52.019402   -4301.769
 1.00000   -31.253607 -160.252639   -6.544741
-584.652454  -53.533986   -4592.553

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     9.446031    90.596592     0.193195
255.219670   47.474350   458.403915
 0.25000     9.446031    90.659575     0.193195
255.334544   50.446038   474.754253
 0.50000     9.446031    90.724270     0.193195
255.455328   53.588375   493.525034
 0.75000     9.446031    90.790031     0.193195
255.580603   56.778632   513.818851
 1.00000     9.446031    90.856240     0.193195
255.709052   59.971711   535.364494

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -10.055896  -58.751929   -4.504969
-181.927437   -2.585586   -1025.888
 0.25000   -10.055896  -58.708052   -4.504969
-181.792116   -2.624405   -1066.799
 0.50000   -10.055896  -58.666945   -4.504969
-181.663451   -2.666217   -1110.543
 0.75000   -10.055896  -58.629150   -4.504969
-181.543227   -2.727932   -1156.662
 1.00000   -10.055896  -58.595106   -4.504969
-181.432035   -2.807627   -1204.297

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    12.986625   291.280399     1.550943
431.142285   45.287641   992.694977
 0.25000    12.986625   291.286699     1.550943
431.153800   47.879022    1006.699
 0.50000    12.986625   291.293169     1.550943
431.165905   50.615724    1043.150
 0.75000    12.986625   291.299747     1.550943
431.178461   53.506643    1088.075
 1.00000    12.986625   291.306369     1.550943
431.191333   56.483050    1136.939
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1719

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -12.730924 -101.253747   -4.236282
-298.013071  -19.649683   -2613.207
 0.25000   -12.730924 -101.249354   -4.236282
-297.999512  -20.220788   -2782.608
 0.50000   -12.730924 -101.245239   -4.236282
-297.986620  -21.140999   -2963.384
 0.75000   -12.730924 -101.241454   -4.236282
-297.974574  -22.122938   -3154.131
 1.00000   -12.730924 -101.238046   -4.236282
-297.963433  -23.133774   -3350.049

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    25.548170   302.588962     2.519852
653.544008   85.959224    1243.454
 0.25000    25.548170   302.594631     2.519852
653.554371   89.161241    1263.080
 0.50000    25.548170   302.600454     2.519852
653.565266   92.567646    1304.350
 0.75000    25.548170   302.606374     2.519852
653.576566   96.164160    1354.313
 1.00000    25.548170   302.612334     2.519852
653.588151   99.840590    1408.564

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -24.893313 -144.717344   -6.916620
-480.531349  -21.683845   -2887.905
 0.25000   -24.893313 -144.713391   -6.916620
-480.519146  -22.309383   -3023.502
 0.50000   -24.893313 -144.709687   -6.916620
-480.507543  -23.173755   -3170.922
 0.75000   -24.893313 -144.706281   -6.916620
-480.496702  -24.088202   -3328.494
 1.00000   -24.893313 -144.703213   -6.916620
-480.486675  -25.012438   -3505.038

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    32.760049   579.001048     4.966864
723.011207   79.022781    1580.162
 0.25000    32.760049   593.617839     4.966864
724.017357   81.723534    1575.993
 0.50000    32.760049   608.605024     4.966864
726.079573   84.563415    1586.368
 0.75000    32.760049   623.806672     4.966864
729.198811   87.557492    1613.763
 1.00000    32.760049   639.086743     4.966864
746.700285   90.634508    1677.968

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -31.773078 -182.457717   -6.614594
-675.084354  -61.600984   -4131.809
 0.25000   -31.773078 -174.143563   -6.614594
-654.196456  -62.998464   -4456.165
 0.50000   -31.773078 -166.366936   -6.614594
-644.079089  -64.672618   -4803.993
 0.75000   -31.773078 -159.229535   -6.614594
-640.286463  -66.443793   -5174.557
 1.00000   -31.773078 -154.056859   -6.614594
-637.528207  -68.267939   -5577.511

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    19.735724   553.916408     4.682949
392.144667   14.138108   837.505080
 0.25000    19.735724   573.562782     4.682949
392.144667   12.849153   788.444713
 0.50000    19.735724   593.699930     4.682949
392.144667   12.401332   745.049392
 0.75000    19.735724   614.092773     4.682949
392.125824   12.282229   747.270797
 1.00000    19.735724   634.500365     4.682949
391.542853   12.285303   782.412712
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1720

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -19.308692  -70.261647   -1.951711
-522.092569  -71.611250   -2779.118
 0.25000   -19.308692  -61.785261   -1.951711
-525.128891  -72.575525   -3143.188
 0.50000   -19.308692  -53.808996   -1.951711
-528.165115  -73.730906   -3531.500
 0.75000   -19.308692  -53.258875   -1.951711
-531.182496  -75.110666   -3945.754
 1.00000   -19.308692  -53.172828   -1.951711
-533.635749  -76.617044   -4386.930

 COMB DL-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    25.732551   785.629653     7.173308
550.422943   22.317766    1358.355
 0.25000    25.732551   808.042961     7.173308
550.422943   21.793074    1292.866
 0.50000    25.732551   831.019303     7.173308
550.422943   21.629099    1256.920
 0.75000    25.732551   854.297767     7.173308
550.422943   21.649452    1272.880
 1.00000    25.732551   877.645823     7.173308
550.417253   21.772077    1332.491

 COMB DL-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -24.423006 -120.598567   -2.304441
-649.374964 -109.134872   -4359.255
 0.25000   -24.423006 -110.239978   -2.304441
-649.710882 -111.897736   -4862.222
 0.50000   -24.423006 -100.516079   -2.304441
-650.046789 -114.911788   -5398.537
 0.75000   -24.423006  -96.039329   -2.304441
-650.382695 -118.167701   -5971.286
 1.00000   -24.423006  -95.761645   -2.304441
-650.712934 -121.540412   -6577.549

 COMB DL-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    28.240476   800.182819     6.100108
684.131448   37.397398    1635.877
 0.25000    28.240476   820.690913     6.100108
684.131448   38.281333    1595.510
 0.50000    28.240476   841.713409     6.100108
684.131448   39.436547    1580.767
 0.75000    28.240476   863.013549     6.100108
684.131448   40.847475    1612.965
 1.00000    28.240476   884.378440     6.100108
684.132256   42.482911    1686.049

 COMB DL-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -27.284201  -151.466064   -4.149175
-711.807057  -90.176581    -5577.123
 0.25000   -27.284201  -141.910343   -4.149175
-711.748569  -92.135629   -5453.477
 0.50000   -27.284201  -132.941276   -4.149175
-711.690082  -94.413056   -5998.482
 0.75000   -27.284201  -128.394172   -4.149175
-711.631596  -96.913314   -6577.573
 1.00000   -27.284201  -128.116501   -4.149175
-711.573557  -99.520799   -7188.105

 COMB DL-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    33.929186   705.920297     5.539407
785.757328   74.433355    1663.110
 0.25000    33.929186   723.015490     5.539407
785.757328   76.985286    1637.912
 0.50000    33.929186   740.539476     5.539407
785.757328   79.811510    1635.176
 0.75000    33.929186   758.294942     5.539407
785.757328   82.890482    1672.325
 1.00000    33.929186   776.104429     5.539407
785.758373   86.138819    1744.273
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1721

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -33.294722 -172.306451   -6.873281
-760.418337  -77.550450   -4634.488
 0.25000   -33.294722 -164.338029   -6.873281
-760.357396  -79.205121   -5056.208
 0.50000   -33.294722 -156.859411   -6.873281
-760.296456  -81.098231   -5512.429
 0.75000   -33.294722 -153.054067   -6.873281
-760.235517  -83.183526   -5992.767
 1.00000   -33.294722 -152.821775   -6.873281
-760.175241  -85.364468   -6500.277

 COMB      DB ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    25.666513   621.472226     7.021309
616.608720   56.026621   816.357758
 0.25000    25.666513   641.005567     7.021309
616.608720   55.836214   789.771172
 0.50000    25.666513   660.900105     7.021309
616.608720   55.835601   810.851629
 0.75000    25.666513   681.029067     7.021309
616.608720   56.112761   831.972671
 1.00000    25.666513   700.911827     7.021309
616.608720   56.645354   853.117036

 COMB      DB ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -25.560062 -110.680542   -6.990812
-593.690727  -61.123595   -2525.198
 0.25000   -25.560062 -102.082275   -6.990812
-593.690727  -61.680100   -2638.637
 0.50000   -25.560062  -95.352451   -6.990812
-593.690727  -62.340942   -2752.510
 0.75000   -25.560062  -90.285708   -6.990812
-593.690727  -63.173271   -2866.873
 1.00000   -25.560062  -89.677055   -6.990812
-593.690727  -64.138181   -2997.425

 COMB      DL ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    33.929186   800.182819     7.173308
785.757328  100.499958    1663.110
 0.25000    33.929186   820.690913     7.173308
785.757328  103.032138    1637.912
 0.50000    33.929186   841.713409     7.173308
785.757328  105.777087    1635.176
 0.75000    33.929186   863.013549     7.173308
785.757328  108.797515    1672.325
 1.00000    33.929186   884.378440     7.173308
785.758373  111.943872    1744.273

 COMB      DL ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -33.294722 -182.457717   -7.562516
-760.418337 -109.134872   -4942.123
 0.25000   -33.294722 -175.760287   -7.562516
-760.357396 -111.897736   -5453.477
 0.50000   -33.294722 -170.109131   -7.562516
-760.296456 -114.911788   -5998.482
 0.75000   -33.294722 -164.916481   -7.562516
-760.235517 -118.167701   -6577.573
 1.00000   -33.294722 -160.252639   -7.562516
-760.175241 -121.540412   -7188.105

 COMB      CAR ------------------ MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    33.929186   800.182819     7.173308
785.757328  100.499958    1663.110
 0.25000    33.929186   820.690913     7.173308
785.757328  103.032138    1637.912
 0.50000    33.929186   841.713409     7.173308
785.757328  105.777087    1635.176
 0.75000    33.929186   863.013549     7.173308
785.757328  108.797515    1672.325
 1.00000    33.929186   884.378440     7.173308
785.758373  111.943872    1744.273
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1722

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      CAR ------------------ MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -33.294722 -182.457717   -7.562516
-760.418337 -109.134872   -4942.123
 0.25000   -33.294722 -175.760287   -7.562516
-760.357396 -111.897736   -5453.477
 0.50000   -33.294722 -170.109131   -7.562516
-760.296456 -114.911788   -5998.482
 0.75000   -33.294722 -164.916481   -7.562516
-760.235517 -118.167701   -6577.573
 1.00000   -33.294722 -160.252639   -7.562516
-760.175241 -121.540412   -7188.105

 COMB      DESIGN ------------------ MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    33.929186   800.182819     7.173308
785.757328  100.499958    1663.110
 0.25000    33.929186   820.690913     7.173308
785.757328  103.032138    1637.912
 0.50000    33.929186   841.713409     7.173308
785.757328  105.777087    1635.176
 0.75000    33.929186   863.013549     7.173308
785.757328  108.797515    1672.325
 1.00000    33.929186   884.378440     7.173308
785.758373  111.943872    1744.273

 COMB      DESIGN ------------------ MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -33.294722 -182.457717   -7.562516
-760.418337 -109.134872   -4942.123
 0.25000   -33.294722 -175.760287   -7.562516
-760.357396 -111.897736   -5453.477
 0.50000   -33.294722 -170.109131   -7.562516
-760.296456 -114.911788   -5998.482
 0.75000   -33.294722 -164.916481   -7.562516
-760.235517 -118.167701   -6577.573
 1.00000   -33.294722 -160.252639   -7.562516
-760.175241 -121.540412   -7188.105

 ELEM      144 ================== LENGTH
=    3.450336

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     8.710455    41.929337     3.109767
189.630491   26.394396   232.406070
 0.25000     8.710455    41.931553     3.109767
189.653119   27.023370   215.440823
 0.50000     8.710455    41.938341     3.109767
189.678760   27.753641   198.475520
 0.75000     8.710455    41.947100     3.109767
189.705832   28.541929   192.235231
 1.00000     8.710455    41.956662     3.109767
189.734076   29.466676   192.575868

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -8.920192   -31.134232   -2.605340
-241.554440   -7.080893  -200.964580
 0.25000    -8.920192   -31.124646   -2.605340
-241.528339   -6.811661  -226.650431
 0.50000    -8.920192   -31.114893   -2.605340
-241.502384   -6.723845  -255.108654
 0.75000    -8.920192   -31.105174   -2.605340
-241.476935   -7.047237  -284.705806
 1.00000    -8.920192   -31.095542   -2.605340
-241.451899   -7.511338  -315.158889

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    14.283704    75.651173     6.985421
323.688621   56.808834   447.173813
 0.25000    14.283704    75.653347     6.985421
323.711218   56.279354   414.391789
 0.50000    14.283704    75.660097     6.985421
323.736820   56.007569   381.610221
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1723

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
        T            M2           M3
 0.75000    14.283704    75.669350     6.985421
323.763821   56.021264   365.657383
 1.00000    14.283704    75.678406     6.985421
323.792024   56.207928   364.042119

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -14.670962   -77.992813   -2.763076
-425.501988   -5.223947  -541.609345
 0.25000   -14.670962   -77.983230   -2.763076
-425.475974   -5.227662  -578.400996
 0.50000   -14.670962   -77.973482   -2.763076
-425.450058   -5.349976  -623.320088
 0.75000   -14.670962   -77.963767   -2.763076
-425.424649   -5.474139  -669.839267
 1.00000   -14.670962   -77.954139   -2.763076
-425.399654   -5.600618  -718.110728

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    15.196310    87.330243     6.603315
388.529721   51.105117   659.185790
 0.25000    15.196310    87.332207     6.603315
388.550064   50.326453   610.580850
 0.50000    15.196310    87.338289     6.603315
388.573113   49.895143   561.975909
 0.75000    15.196310    87.346348     6.603315
388.597427   49.826973   531.692207
 1.00000    15.196310    87.354769     6.603315
388.622817   49.969435   525.021818

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -15.431184 -168.723854   -2.742084
-532.488290   -5.315014   -1169.683
 0.25000   -15.431184 -168.715229   -2.742084
-532.464862   -5.357867   -1184.096
 0.50000   -15.431184 -168.706454   -2.742084
-532.441530   -5.507054   -1219.720
 0.75000   -15.431184 -168.697710   -2.742084
-532.418654   -5.656309   -1257.140
 1.00000   -15.431184 -168.689045   -2.742084
-532.396152   -5.806345   -1296.734

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    17.037907    93.467345     6.045468
449.081459   46.120277   785.924951
 0.25000    17.037907    93.467345     6.045468
449.081459   45.430742   727.713937
 0.50000    17.037907    97.365571     6.045468
464.856762   45.109063   699.502922
 0.75000    17.037907   104.110416     6.045468
482.357281   45.058283   636.020581
 1.00000    17.037907   112.695194     6.045468
499.350035   45.176231   652.394271

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000   -17.115886 -386.685939   -4.721898
-607.986207  -26.735586   -1921.198
 0.25000   -17.115886 -377.658638   -4.721898
-591.545115  -26.391386   -1869.673
 0.50000   -17.115886 -368.486118   -4.721898
-573.956034  -26.194086   -1859.602
 0.75000   -17.115886 -359.363004   -4.721898
-562.136259  -26.070685   -1851.089
 1.00000   -17.115886 -350.343417   -4.721898
-562.136923  -25.982447   -1844.407

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     5.361417    36.088645     3.839387
141.405852   28.565038   266.200159
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1724

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
        T            M2           M3
 0.25000     5.361417    36.112837     3.839387
141.654623   27.263249   246.518673
 0.50000     5.361417    36.187336     3.839387
141.936503   26.114977   226.837188
 0.75000     5.361417    36.285862     3.839387
142.233988   25.089115   213.248673
 1.00000     5.361417    36.388818     3.839387
142.544489   24.297000   209.967686

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -5.510272   -72.919602   -0.088998
-201.898274   -1.419549  -522.752273
 0.25000    -5.510272   -72.814165   -0.088998
-201.611545   -1.436566  -525.403802
 0.50000    -5.510272   -72.709066   -0.088998
-201.326212   -1.453510  -537.947981
 0.75000    -5.510272   -72.600016   -0.088998
-201.046446   -1.470539  -550.059679
 1.00000    -5.510272   -72.494084   -0.088998
-200.771237   -1.488177  -563.205642

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000     7.712152    56.356177     3.531464
255.729688   26.480702   556.401780
 0.25000     7.712152    56.358368     3.531464
255.750297   24.837708   515.067237
 0.50000     7.712152    56.365133     3.531464
255.777915   23.631068   473.732694
 0.75000     7.712152    56.374089     3.531464
255.804945   22.627460   440.566557
 1.00000     7.712152    56.383447     3.531464
255.833164   21.741684   430.288576

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    -7.680579   -221.029041   -1.297596
-371.353387   -13.485810   -1413.852
 0.25000    -7.680579   -221.019456   -1.297596
-371.327338   -12.853534   -1379.249
 0.50000    -7.680579   -221.009706   -1.297596
-371.301406   -12.278256   -1373.758
 0.75000    -7.680579   -220.999990   -1.297596
-371.275981   -11.751392   -1369.055
 1.00000    -7.680579   -220.990361   -1.297596
-371.250970   -11.261172   -1365.334

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T            M2           M3
 0.00000    13.598446    84.088309     6.107071
377.838396   46.111983   693.099862
 0.25000    13.598446    84.090281     6.107071
377.858744   45.093820   641.829069
```

0.50000 13.598446 84.096370 6.107071
377.881801 44.535970 590.558276
0.75000 13.598446 84.104430 6.107071
377.906127 44.170068 554.529372
1.00000 13.598446 84.112852 6.107071
377.931525 43.960995 545.014709

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.751774 -227.368544 -2.305525
-525.582152 -14.316807 -1468.250
0.25000 -13.751774 -227.359918 -2.305525
-525.558708 -13.752230 -1456.645
0.50000 -13.751774 -227.351143 -2.305525
-525.535370 -13.317467 -1473.907
0.75000 -13.751774 -227.342399 -2.305525
-525.512487 -12.926456 -1492.654
1.00000 -13.751774 -227.333732 -2.305525
-525.489977 -12.568513 -1512.847
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1725

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.619926 91.232817 6.111127
500.632462 41.657183 822.998042
0.25000 17.619926 91.232817 6.111127
500.632462 40.786615 761.500085
0.50000 17.619926 91.232817 6.111127
500.632462 40.272829 700.802128
0.75000 17.619926 97.611766 6.111127
500.632462 39.938391 660.846065
1.00000 17.619926 107.531770 6.111127
518.428672 39.737719 700.595193

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.639861 -507.637615 -4.814693
-574.646702 -34.205738 -2332.384
0.25000 -17.639861 -493.654562 -4.814693
-571.334904 -33.997265 -2236.303
0.50000 -17.639861 -479.468985 -4.814693
-571.334904 -33.941771 -2193.188
0.75000 -17.639861 -465.397076 -4.814693
-571.334904 -33.938153 -2151.281
1.00000 -17.639861 -451.530429 -4.814693
-571.334904 -34.008975 -2110.622

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.914267 33.050793 2.319814
405.563966 5.159815 380.666307
0.25000 10.914267 33.050793 2.319814
405.563966 5.137813 352.173130
0.50000 10.914267 33.050793 2.319814
405.563966 5.117177 323.679953
0.75000 10.914267 33.050793 2.319814
405.563966 5.097210 295.186583
1.00000 10.914267 33.050793 2.319814
405.563966 5.690509 379.113501

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.836212 -505.531377 -4.776253
-291.401963 -38.436249 -1825.410
0.25000 -10.836212 -487.328191 -4.776253
-291.401963 -38.592133 -1673.298
0.50000 -10.836212 -468.915279 -4.776253
-291.401963 -38.797290 -1569.574
0.75000 -10.836212 -450.743482 -4.776253
-291.401963 -39.101971 -1466.108
1.00000 -10.836212 -432.963766 -4.776253
-291.401963 -39.482687 -1362.966

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.057740 56.544151 2.641833
518.948371 9.350040 648.819573
0.25000 14.057740 56.544151 2.641833
518.948371 9.297182 600.285502
0.50000 14.057740 56.544151 2.641833
518.948371 9.250991 551.751430
0.75000 14.057740 56.544151 2.641833
518.948371 9.211114 505.277202
1.00000 14.057740 60.550512 2.641833
518.948371 9.173773 595.016329

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.794042 -697.947653 -7.036950
-440.428087 -63.767027 -2750.739
0.25000 -13.794042 -676.312759 -7.036950
-440.428087 -61.804757 -2548.962
0.50000 -13.794042 -654.412313 -7.036950
-440.428087 -61.983635 -2417.799
0.75000 -13.794042 -632.766639 -7.036950
-440.428087 -61.338046 -2287.086
1.00000 -13.794042 -611.532982 -7.036950
-440.428087 -60.801497 -2156.479
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1726

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.099543 73.757742 4.009609
569.658200 17.930988 823.124746
0.25000 16.099543 73.757742 4.009609
569.658200 17.059568 761.711489
0.50000 16.099543 73.757742 4.009609
569.658200 16.498383 700.298232
0.75000 16.099543 73.757742 4.009609
569.658200 16.008469 645.530360
1.00000 16.099543 78.101695 4.009609
569.658200 15.575455 723.277139

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.913660 -702.223215 -5.931977
-549.849170 -49.906490 -3012.338
0.25000 -15.913660 -682.389344 -5.931977
-549.849170 -49.584398 -2825.845
0.50000 -15.913660 -662.310515 -5.931977
-549.849170 -49.274504 -2712.709
0.75000 -15.913660 -642.462296 -5.931977
-549.849170 -49.310906 -2600.539
1.00000 -15.913660 -622.986784 -5.931977
-549.849170 -49.335172 -2488.970

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.641134 89.829351 6.353615
593.889523 38.244248 854.825265
0.25000 18.641134 89.829351 6.353615
593.889523 37.138736 791.256117
0.50000 18.641134 89.829351 6.353615
593.889523 36.395712 727.686969
0.75000 18.641134 89.829351 6.353615
593.889523 35.810670 675.597903
1.00000 18.641134 93.473349 6.353615
593.889523 35.327661 739.595466

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.644528 -614.118738 -5.378086
-616.618302 -42.827984 -2720.423
0.25000 -18.644528 -597.582711 -5.378086
-616.618302 -42.571127 -2579.267
0.50000 -18.644528 -580.842407 -5.378086
-616.618302 -42.450453 -2502.191
0.75000 -18.644528 -564.294270 -5.378086
-616.618302 -42.451291 -2426.478
1.00000 -18.644528 -548.056702 -5.378086
-616.618302 -42.525375 -2351.776

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.067440 70.928420 3.157755
283.727308 49.162169 467.257494
0.25000 12.067440 70.931829 3.157755
283.738451 49.013195 449.332048
0.50000 12.067440 70.935608 3.157755
283.750519 49.047139 432.773694
0.75000 12.067440 70.939716 3.157755
283.763407 49.243077 420.507984
1.00000 12.067440 70.944103 3.157755
283.776999 49.618803 411.456211

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.814918 -42.897716 -2.589582
-331.807491 -11.285150 -506.560678
0.25000 -11.814918 -42.891098 -2.589582
-331.794616 -10.983164 -514.797286
0.50000 -11.814918 -42.884524 -2.589582
-331.782076 -10.840618 -524.994821
0.75000 -11.814918 -42.878060 -2.589582
-331.769936 -11.015573 -537.141968
1.00000 -11.814918 -42.871762 -2.589582
-331.758404 -11.536862 -551.455169
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1727

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.321804 129.243668 7.682262
468.745977 111.964424 902.227184
0.25000 19.321804 129.247069 7.682262
468.757094 108.785160 861.704787
0.50000 19.321804 129.250846 7.682262
468.769134 105.733203 823.658662
0.75000 19.321804 129.254948 7.682262
468.781992 102.964519 792.693880
1.00000 19.321804 129.259329 7.682262
468.795551 100.407069 768.858929

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.175983 -100.249856 -2.714641
-571.335708 -10.293190 -1309.362
0.25000 -19.175983 -100.243240 -2.714641
-571.322867 -10.406002 -1299.088
0.50000 -19.175983 -100.236666 -2.714641
-571.310368 -10.677537 -1292.231
0.75000 -19.175983 -100.230204 -2.714641
-571.298254 -11.298452 -1288.943
1.00000 -19.175983 -100.223907 -2.714641
-571.286754 -12.327818 -1289.923

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.806891 157.961992 7.417966
532.299138 103.537621 1352.716
0.25000 19.806581 158.059957 7.417966
532.619430 100.464531 1287.546
0.50000 19.806581 158.168768 7.417966
532.966321 97.580894 1225.772
0.75000 19.806581 158.286946 7.417966
533.336762 94.951465 1173.891
1.00000 19.806581 158.413139 7.417966
533.727430 92.736271 1135.073

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.287042 -225.860465 -2.735235
-684.786039 -11.398604 -2868.680
0.25000 -19.287042 -225.669909 -2.735235
-684.416035 -11.489281 -2760.884
0.50000 -19.287042 -225.480596 -2.735235
-684.055717 -11.793116 -2657.570
0.75000 -19.287042 -225.294469 -2.735235
-683.706861 -12.365366 -2561.121
1.00000 -19.287042 -225.113121 -2.735235
-683.375507 -13.615630 -2473.986

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.441316 170.478174 6.683052
592.889534 94.315979 1602.696
0.25000 22.441316 175.135839 6.683052
607.196020 91.690662 1527.505
0.50000 22.441316 180.326926 6.683052
622.707779 89.228484 1480.289
0.75000 22.441316 185.970719 6.683052
639.267708 87.033540 1443.541
1.00000 22.441316 191.994677 6.683052
656.669543 85.081641 1429.679

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -21.506564 -480.633224 -4.781770
-771.384676 -53.618838 -4594.239
0.25000 -21.506564 -470.819346 -4.781770
-755.197320 -52.374988 -4313.452
0.50000 -21.506564 -461.068727 -4.781770
-739.426068 -51.336687 -4047.542
0.75000 -21.506564 -451.463690 -4.781770
-724.274333 -50.525254 -3798.897
1.00000 -21.506564 -442.102566 -4.781770
-709.966449 -50.298687 -3568.374
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1728

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.00000 62.385880 4.530222
184.925562 59.935619 536.084632
0.25000 6.709618 62.419887 4.530222
185.036731 56.730383 507.956079
0.50000 6.709618 62.457660 4.530222
185.157132 53.527154 481.066697
0.75000 6.709618 62.498684 4.530222
185.285707 50.374407 457.214231
1.00000 6.709618 62.542491 4.530222
185.421302 47.412146 438.119458

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.749641 -87.451213 -0.132575
-252.399386 -2.858859 -1204.455
0.25000 -6.749641 -87.385050 -0.132575
-252.270969 -2.873049 -1160.364
0.50000 -6.749641 -87.319319 -0.132575
-252.145985 -2.889420 -1117.833
0.75000 -6.749641 -87.254694 -0.132575
-252.024838 -2.908719 -1077.434
1.00000 -6.749641 -87.191728 -0.132575
-251.909839 -2.931315 -1039.840

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.323322 107.768412 4.299083
301.583050 56.297495 1138.289
0.25000 9.323322 107.771817 4.299083
301.594189 53.321656 1076.928
0.50000 9.323322 107.775593 4.299083
301.606253 50.481219 1019.343
0.75000 9.323322 107.779706 4.299083
301.619135 47.763851 972.334077
1.00000 9.323322 107.784092 4.299083
301.632722 45.167747 956.339741

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.771196 -283.907787 -1.410485
-427.819868 -23.273714 -3350.901
0.25000 -8.771196 -283.901169 -1.410485
-427.808998 -22.381448 -3112.094
0.50000 -8.771196 -283.894595 -1.410485
-427.794465 -21.676084 -2978.191
0.75000 -8.771196 -283.888131 -1.410485
-427.782330 -20.950786 -2803.973
1.00000 -8.771196 -283.881834 -1.410485
-427.770803 -20.420795 -2641.210

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.488889 154.128078 7.032832
489.236597 99.708219 1409.637
0.25000 17.488889 154.131452 7.032832
489.246621 96.030889 1338.142
0.50000 17.488889 154.134546 7.032832
489.257479 92.467551 1270.764
0.75000 17.488889 154.138243 7.032832
489.269073 89.061184 1215.945
1.00000 17.488889 154.142190 7.032832
489.281301 85.821966 1191.903

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.919489 -293.191842 -2.317612
-645.461258 -25.162611 -3502.846
0.25000 -16.919489 -293.185886 -2.317612
-645.449675 -24.490373 -3335.421
0.50000 -16.919489 -293.179969 -2.317612
-645.438395 -23.854669 -3183.253
0.75000 -16.919489 -293.174152 -2.317612
-645.427474 -23.262798 -3044.682
1.00000 -16.919489 -293.168484 -2.317612
-645.417099 -22.802616 -2918.356
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1729

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.069822 164.972177 6.725042
643.044094 90.403186 1679.712
0.25000 23.069822 169.075419 6.725042
645.803677 87.397062 1596.840
0.50000 23.069822 176.214056 6.725042
649.598314 84.332288 1555.408
0.75000 23.069822 183.988961 6.725042
659.697421 81.488223 1531.970
1.00000 23.069822 192.249603 6.725042
680.567761 78.768071 1529.800

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -22.097876 -628.230369 -4.768973
-742.026181 -68.353460 -5576.003
0.25000 -22.097876 -612.957052 -4.768973
-724.483967 -66.782611 -5183.145
0.50000 -22.097876 -597.758346 -4.768973
-721.364061 -65.290760 -4819.531
0.75000 -22.097876 -582.784640 -4.768973
-719.282832 -63.897465 -4481.650
1.00000 -22.097876 -568.182620 -4.768973
-718.274925 -62.661260 -4167.142

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.742350 57.753878 1.963483
530.589946 12.094643 733.916257
0.25000 14.742350 57.838727 1.963483
528.135701 12.094374 742.221260
0.50000 14.742350 58.344956 1.963483
525.117120 12.212844 739.910636
0.75000 14.742350 64.849315 1.963483
522.079719 12.775564 780.234355
1.00000 14.742350 73.313429 1.963483
519.042214 14.048948 826.296340

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.030216 -629.92014 -4.649953
-395.045723 -76.571177 -4387.254
0.25000 -14.030216 -609.535584 -4.649953
-395.628878 -75.108502 -3949.584
0.50000 -14.030216 -589.145471 -4.649953
-395.647697 -73.774321 -3539.212
0.75000 -14.030216 -569.014674 -4.649953
-395.647697 -72.660823 -3154.468
1.00000 -14.030216 -549.393071 -4.649953
-395.647697 -71.739663 -2793.930

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.031397 103.243205 2.349689
647.098381 21.471889 1334.577
0.25000 19.031397 103.505759 2.349689
646.768013 21.345645 1263.237
0.50000 19.031397 106.272086 2.349689
646.431976 21.319598 1242.861
0.75000 19.031397 115.984644 2.349689
646.095940 21.477989 1271.350
1.00000 19.031397 126.321618 2.349689
645.759891 22.116727 1336.245

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.728591 -869.625258 -7.072276
-554.611101 -121.519226 -6578.459
0.25000 -17.728591 -846.298346 -7.072276
-554.616792 -118.275270 -5977.278
0.50000 -17.728591 -823.022782 -7.072276
-554.616792 -115.148857 -5411.199
0.75000 -17.728591 -800.053476 -7.072276
-554.616792 -112.258976 -4881.350
1.00000 -17.728591 -777.653685 -7.072276
-554.616792 -109.622172 -4379.364
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1730

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.883370 137.635646 4.211593
710.462001 42.134366 1688.573
0.25000 20.883370 137.899780 4.211593
710.520062 40.587038 1599.345
0.50000 20.883370 140.882044 4.211593
710.578571 39.201017 1557.619
0.75000 20.883370 149.842563 4.211593
710.637080 38.021075 1561.072
1.00000 20.883370 159.378660 4.211593
710.695591 37.225808 1597.717

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.606576 -873.930470 -5.952643
-685.809703 -99.586176 -7189.205
0.25000 -19.606576 -852.584893 -5.952643
-685.808895 -97.185567 -6588.074
0.50000 -19.606576 -831.287381 -5.952643
-685.808895 -94.892680 -6018.018
0.75000 -19.606576 -810.271939 -5.952643
-685.808895 -92.817571 -5481.643
1.00000 -19.606576 -789.776088 -5.952643
-685.808895 -91.009960 -4978.998

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.394933 163.681146 6.961804
763.335996 85.856892 1746.561
0.25000 24.394933 163.902157 6.961804
763.396296 82.651624 1656.242
0.50000 24.394933 166.403150 6.961804
763.457259 79.587451 1606.187
0.75000 24.394933 173.874944 6.961804
763.518222 76.723532 1596.054
1.00000 24.394933 181.826712 6.961804
763.579187 74.231415 1615.994

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.371888 -765.056819 -5.364926
-783.346136 -85.442165 -6499.336
0.25000 -23.371888 -747.263430 -5.364926
-783.345091 -83.483626 -5999.555
0.50000 -23.371888 -729.510155 -5.364926
-783.345091 -81.635565 -5529.386
0.75000 -23.371888 -711.992069 -5.364926
-783.345091 -79.974309 -5082.892
1.00000 -23.371888 -694.907078 -5.364926
-783.345091 -78.561847 -4671.383

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.641134 93.467345 6.985421
593.889523 56.808834 854.825265
0.25000 18.641134 93.467345 6.985421
593.889523 56.279354 791.256117
0.50000 18.641134 97.365571 6.985421
593.889523 56.007569 727.686969
0.75000 18.641134 104.110416 6.985421
593.889523 56.021264 675.597903
1.00000 18.641134 112.695194 6.985421
593.889523 56.207928 739.595466

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.644528 -702.223215 -7.036950
-616.618302 -63.767027 -3012.338
0.25000 -18.644528 -682.389344 -7.036950
-616.618302 -62.804757 -2825.845
0.50000 -18.644528 -662.310515 -7.036950
-616.618302 -61.983635 -2712.709
0.75000 -18.644528 -642.462296 -7.036950
-616.618302 -61.338046 -2600.539
1.00000 -18.644528 -622.986784 -7.036950
-616.618302 -60.801497 -2488.970
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1731

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.394933 170.478174 7.682262
763.335996 111.964424 1746.561
0.25000 24.394933 175.135839 7.682262
763.396296 108.785160 1656.242
0.50000 24.394933 180.326926 7.682262
763.457259 105.733203 1606.187
0.75000 24.394933 185.970719 7.682262
763.518222 102.964519 1596.054
1.00000 24.394933 192.249603 7.682262
763.579187 100.407069 1615.994

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.371888 -873.930470 -7.072276
-783.346136 -121.519226 -7189.205
0.25000 -23.371888 -852.584893 -7.072276
-783.345091 -118.275270 -6588.074
0.50000 -23.371888 -831.287381 -7.072276
-783.345091 -115.148857 -6018.018
0.75000 -23.371888 -810.271939 -7.072276
-783.345091 -112.258976 -5481.643
1.00000 -23.371888 -789.776088 -7.072276
-783.345091 -109.622172 -4978.998

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.394933 170.478174 7.682262
763.335996 111.964424 1746.561
0.25000 24.394933 175.135839 7.682262
763.396296 108.785160 1656.242
0.50000 24.394933 180.326926 7.682262
763.457259 105.733203 1606.187
0.75000 24.394933 185.970719 7.682262
763.518222 102.964519 1596.054
1.00000 24.394933 192.249603 7.682262
763.579187 100.407069 1615.994

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.371888 -873.930470 -7.072276
-783.346136 -121.519226 -7189.205
0.25000 -23.371888 -852.584893 -7.072276
-783.345091 -118.275270 -6588.074
0.50000 -23.371888 -831.287381 -7.072276
-783.345091 -115.148857 -6018.018
0.75000 -23.371888 -810.271939 -7.072276
-783.345091 -112.258976 -5481.643
1.00000 -23.371888 -789.776088 -7.072276
-783.345091 -109.622172 -4978.998

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.394933	170.478174	7.682262
763.335996	111.964424	1746.561	
0.25000	24.394933	175.135839	7.682262
763.396296	108.785160	1656.242	
0.50000	24.394933	180.326926	7.682262
763.457259	105.733203	1606.187	
0.75000	24.394933	185.970719	7.682262
763.518222	102.964519	1596.054	
1.00000	24.394933	192.249603	7.682262
763.579187	100.407069	1615.994	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-23.371888	-873.930470	-7.072276
-783.346136	-121.519226	-7189.205	
0.25000	-23.371888	-852.584893	-7.072276
-783.345091	-118.275270	-6588.074	
0.50000	-23.371888	-831.287381	-7.072276
-783.345091	-115.148857	-6018.018	
0.75000	-23.371888	-810.271939	-7.072276
-783.345091	-112.258976	-5481.643	
1.00000	-23.371888	-789.776088	-7.072276
-783.345091	-109.622172	-4978.998	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 145 ========== LENGTH = 4.927534

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.615956	23.709357	4.148766
124.782777	29.857215	192.646599	
0.25000	8.615956	23.720036	4.148766
124.813788	29.663430	189.994951	
0.50000	8.615956	23.731782	4.148766
124.848269	29.568775	187.420043	
0.75000	8.615956	23.744328	4.148766
124.884435	29.607561	184.879216	
1.00000	8.615956	23.759049	4.148766
124.925872	29.757447	183.628111	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.745309	-39.608940	-1.759444
-261.335553	-7.669788	-315.732566	
0.25000	-8.745309	-39.593882	-1.759444
-261.296163	-8.192243	-337.716634	
0.50000	-8.745309	-39.580367	-1.759444
-261.261829	-9.755958	-360.505959	
0.75000	-8.745309	-39.567176	-1.759444
-261.228668	-12.328943	-383.764439	
1.00000	-8.745309	-39.554522	-1.759444
-261.205874	-15.697237	-407.775501	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.157438	42.234240	9.449122
197.999884	56.830968	364.144728	
0.25000	14.157438	42.244913	9.449122
198.030832	52.652902	358.105290	
0.50000	14.157438	42.256654	9.449122
198.065260	49.370476	352.819910	
0.75000	14.157438	42.269193	9.449122
198.101370	46.361626	348.301706	
1.00000	14.157438	42.283902	9.449122
198.142736	43.591483	369.732997	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.378323	-95.730972	-1.192322
-470.104157	-5.804265	-719.034973	
0.25000	-14.378233	-95.715923	-1.192322
-470.064836	-7.971417	-747.136703	
0.50000	-14.378233	-95.702412	-1.192322
-470.030558	-11.164741	-776.342620	
0.75000	-14.378233	-95.689226	-1.192322
-469.997453	-14.942681	-806.506313	
1.00000	-14.378233	-95.676577	-1.192322
-469.975323	-28.753092	-837.788514	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.123576	59.759978	9.103258
216.250297	50.950626	525.107941	
0.25000	15.123576	59.769585	9.103258
216.278162	47.114163	511.895202	
0.50000	15.123576	59.780152	9.103258
216.309156	44.228483	498.756706	
0.75000	15.123576	59.791439	9.103258
216.341666	41.798402	559.986374	
1.00000	15.123576	59.804679	9.103258
216.378908	39.713443	683.946205	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.185426	-189.517912	-0.970316
-591.971786	-6.045538	-1297.690	
0.25000	-15.185426	-189.504367	-0.970316
-591.936385	-8.419801	-1305.376	
0.50000	-15.185426	-189.492206	-0.970316
-591.905525	-12.758799	-1314.033	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-15.185426	-189.480338	-0.970316
-591.875720	-20.329818	-1323.812	
1.00000	-15.185426	-189.468953	-0.970316
-591.855684	-29.413181	-1334.532	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.582355	69.717683	7.729024
307.474078	46.034502	652.463078	
0.25000	16.582355	79.402959	7.729024
314.636607	42.740786	744.865051	
0.50000	16.582355	90.342790	7.729024
337.978371	40.240752	849.998529	
0.75000	16.582355	102.051184	7.729024
360.179926	40.477509	1012.619	
1.00000	16.582355	115.429323	7.729024
390.790466	41.732916	1219.928	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.443178	-386.372297	-4.260648
-635.621790	-26.947515	-1844.916	
0.25000	-16.443178	-372.465198	-4.260648
-605.608757	-26.932061	-1806.817	
0.50000	-16.443178	-359.696473	-4.260648
-583.784777	-29.100339	-1769.513	
0.75000	-16.443178	-347.246622	-4.260648
-577.469800	-34.287916	-1733.164	
1.00000	-16.443178	-335.328558	-4.260648
-577.469800	-40.734503	-1697.692	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.355343	23.311674	5.288614
69.563224	24.506100	209.990273	
0.25000	5.355343	23.429112	5.288614
69.904069	20.368837	205.086488	
0.50000	5.355343	23.558296	5.288614
70.283126	16.876377	200.166807	
0.75000	5.355343	23.696271	5.288614
70.680710	13.469942	208.537911	
1.00000	5.355343	23.858151	5.288614
71.136195	10.164489	269.088679	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.410316	-83.107491	-0.119938
-231.530904	-1.494600	-563.524339	
0.25000	-5.410316	-82.941897	-0.119938
-231.097918	-1.465261	-561.956761	
0.50000	-5.410316	-82.793249	-0.119938
-230.720490	-1.462080	-560.734122	
0.75000	-5.410316	-82.648168	-0.119938
-230.355966	-6.672024	-560.031111	
1.00000	-5.410316	-82.509000	-0.119938
-230.108156	-13.018128	-559.616754	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.589344	47.585741	4.992050
133.600990	22.249214	430.304464	
0.25000	7.589344	47.596417	4.992050
133.631964	18.402018	437.111255	
0.50000	7.589344	47.608159	4.992050
133.666413	15.565811	461.985141	
0.75000	7.589344	47.620701	4.992050
133.702546	13.140604	586.159684	
1.00000	7.589344	47.635415	4.992050
133.743939	11.573847	792.752608	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.431351	-227.291145	-1.584854
-402.562379	-11.451885	-1365.663	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-7.431351	-227.276093	-1.584854
-402.523031	-10.406601	-1333.452	
0.50000	-7.431351	-227.262580	-1.584854
-402.488730	-10.962537	-1301.403	
0.75000	-7.431351	-227.249392	-1.584854
-402.455604	-14.825570	-1269.999	
1.00000	-7.431351	-227.236741	-1.584854
-402.433207	-19.732886	-1238.778	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.427755	60.577573	8.431522
213.224691	44.608354	545.079574	
0.25000	13.427755	60.587181	8.431522
213.252567	40.386661	548.637519	
0.50000	13.427755	60.597750	8.431522
213.283571	36.979848	568.553611	
0.75000	13.427755	60.609037	8.431522
213.316091	33.966589	677.690183	
1.00000	13.427755	60.622280	8.431522
213.353345	31.756747	860.496658	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.395780	-240.683956	-1.504063
-572.369823	-12.873739	-1513.576	
0.25000	-13.395780	-240.670409	-1.504063
-572.334409	-11.863809	-1500.045	
0.50000	-13.395780	-240.658247	-1.504063
-572.303538	-13.896540	-1487.145	
0.75000	-13.395780	-240.646378	-1.504063
-572.273724	-21.589792	-1475.413	
1.00000	-13.395780	-240.634992	-1.504063
-572.253568	-30.288472	-1464.275	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.001590	70.351448	7.097429
388.491690	40.515147	700.565184	
0.25000	17.001590	83.502093	7.097429
388.491690	36.921858	847.857288	
0.50000	17.001590	100.198764	7.097429
388.491690	36.006549	1011.303	
0.75000	17.001590	118.116595	7.097429
415.499165	37.591718	1221.863	
1.00000	17.001590	137.836622	7.097429
440.180370	40.002669	1467.013	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.787891	-488.827517	-5.094151
-556.351874	-35.428987	-2110.734	
0.25000	-16.787891	-467.849843	-5.094151
-551.438360	-33.612755	-2042.103	
0.50000	-16.787891	-447.984362	-5.094151
-551.438360	-34.099188	-1974.297	
0.75000	-16.787891	-428.640967	-5.094151
-551.438360	-39.239805	-1907.472	
1.00000	-16.787891	-410.174416	-5.094151
-551.438360	-45.236738	-1841.232	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.123093	30.690768	0.444624
462.230671	6.755553	378.818237	
0.25000	10.123093	40.918822	0.444624
462.230671	9.695726	588.885819	
0.50000	10.123093	62.022427	0.444624
462.230671	13.960309	822.218115	
0.75000	10.123093	84.800751	0.444624
462.230671	19.259492	1027.129	
1.00000	10.123093	108.162377	0.444624
462.230671	25.453033	1203.015	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.909702	-438.505867	-6.503295
-162.450420	-41.336760	-1362.023	
0.25000	-9.909702	-412.607286	-6.503295
-162.450420	-39.350524	-1264.127	
0.50000	-9.909702	-386.525624	-6.503295
-162.450420	-37.396220	-1166.297	
0.75000	-9.909702	-361.192522	-6.503295
-162.450420	-35.456550	-1069.145	
1.00000	-9.909702	-337.147325	-6.503295
-162.450420	-33.637382	-972.086804	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.993235	52.898985	0.398001
547.860958	9.436744	594.723015	
0.25000	12.993235	67.429833	0.398001
547.860958	12.193140	857.690147	
0.50000	12.993235	92.727714	0.398001
547.860958	17.356927	1167.196	
0.75000	12.993235	119.982191	0.398001
547.860958	23.607682	1491.017	
1.00000	12.993235	148.383576	0.398001
547.860958	31.335657	1801.685	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.542911	-620.499395	-10.007954
-296.721697	-63.041053	-2155.412	
0.25000	-12.542911	-589.240858	-10.007954
-296.721697	-58.056079	-2019.884	
0.50000	-12.542911	-558.319776	-10.007954
-296.721697	-53.707161	-1884.597	
0.75000	-12.542911	-528.266429	-10.007954
-296.721697	-50.037583	-1750.086	
1.00000	-12.542911	-499.681590	-10.007954
-296.721697	-47.290730	-1615.663	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.196784	68.266666	2.784594
533.174091	15.909077	723.019836	
0.25000	15.196784	81.813888	2.784594
533.174091	16.508144	951.905307	
0.50000	15.196784	105.017360	2.784594
533.174091	19.978704	1215.143	
0.75000	15.196784	130.024885	2.784594
533.174091	24.768660	1532.089	
1.00000	15.196784	156.120978	2.784594
533.174091	30.969301	1884.095	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.788790	-641.397251	-7.896200
-447.518043	-51.393647	-2488.231	
0.25000	-14.788790	-612.696532	-7.896200
-447.518043	-48.380330	-2358.917	
0.50000	-14.788790	-584.356715	-7.896200
-447.518043	-47.160615	-2229.813	
0.75000	-14.788790	-556.610358	-7.896200
-447.518043	-47.066845	-2101.701	
1.00000	-14.788790	-530.604478	-7.896200
-447.518043	-47.396526	-1973.705	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.850045	72.235523	6.435830
514.555796	35.966364	739.417150	
0.25000	17.850045	83.535971	6.435830
514.555796	34.269627	927.371102	
0.50000	17.850045	102.881858	6.435830
514.555796	35.352634	1143.858	
0.75000	17.850045	123.731874	6.435830
514.555796	37.557252	1405.229	
1.00000	17.850045	145.490844	6.435830
514.555796	40.971360	1699.785	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.602078	-570.932478	-6.634422
-550.125286	-44.226211	-2351.498	
0.25000	-17.602078	-547.002449	-6.634422
-550.125286	-42.008848	-2253.831	
0.50000	-17.602078	-523.375029	-6.634422
-550.125286	-40.986077	-2156.609	
0.75000	-17.602078	-500.409071	-6.634422
-550.125286	-41.187436	-2059.766	
1.00000	-17.602078	-478.560511	-6.634422
-550.125286	-50.307730	-1965.342	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.973507	51.452129	4.510165
208.612060	49.997838	411.684679	
0.25000	11.973507	51.457080	4.510165
208.627253	47.796596	396.940642	
0.50000	11.973507	51.462655	4.510165
208.644049	46.014619	388.978469	
0.75000	11.973507	51.468743	4.510165
208.662146	44.750669	388.491812	
1.00000	11.973507	51.475216	4.510165
208.681172	43.950122	395.496288	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.675924	-52.090058	-1.523076
-346.168394	-11.821474	-551.326412	
0.25000	-11.675924	-52.081011	-1.523076
-346.150999	-12.435877	-540.109140	
0.50000	-11.675924	-52.072156	-1.523076
-346.134346	-13.880471	-543.485623	
0.75000	-11.675924	-52.063640	-1.523076
-346.118791	-16.193188	-555.010311	
1.00000	-11.675924	-52.055593	-1.523076
-346.104694	-19.200323	-573.978947	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.261572	88.375125	12.375524
321.174020	101.012247	769.176324	
0.25000	19.261572	88.380071	12.375524
321.189180	90.760016	737.089632	
0.50000	19.261572	88.385642	12.375524
321.205939	80.183001	719.970551	
0.75000	19.261572	88.391724	12.375524
321.223996	72.342540	720.791578	
1.00000	19.261572	88.398191	12.375524
321.242980	65.915844	746.619817	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.997688	-122.792057	-1.159701
-615.638862	-12.755865	-1289.465	
0.25000	-18.997688	-121.783013	-1.159701
-615.616518	-14.287231	-1225.566	
0.50000	-18.997688	-122.774161	-1.159701
-615.599918	-16.803394	-1185.396	
0.75000	-18.997688	-122.765647	-1.159701
-615.584408	-23.519450	-1166.749	
1.00000	-18.997688	-122.757603	-1.159701
-615.570357	-31.902482	-1170.519	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.977973	116.137458	11.811463
334.912535	93.651731	1135.433	
0.25000	19.977973	116.279941	11.811463
335.349298	83.444900	1087.161	
0.50000	19.977973	116.440390	11.811463
335.832140	74.575238	1065.778	
0.75000	19.977973	116.615591	11.811463
336.352354	67.666054	1103.602	
1.00000	19.977973	116.801878	11.811463
336.899308	62.255429	1181.089	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.324165	-254.380451	-1.155528
-745.299890	-14.122944	-2473.279	
0.25000	-19.324165	-254.119976	-1.155528
-744.800204	-15.847201	-2276.397	
0.50000	-19.324165	-253.865022	-1.155528
-744.321880	-18.996160	-2117.253	
0.75000	-19.324165	-253.619804	-1.155528
-743.874982	-25.587051	-1996.321	
1.00000	-19.324165	-253.388110	-1.155528
-743.470095	-33.964316	-1913.637	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.971554	137.172781	10.099800
427.350104	85.809343	1430.015	
0.25000	21.971554	144.195806	10.099800
447.039318	77.026377	1419.830	
0.50000	21.971554	152.111421	10.099800
468.844105	69.880024	1438.605	
0.75000	21.971554	160.762738	10.099800
492.311284	65.969124	1513.160	
1.00000	21.971554	169.935774	10.099800
516.916869	64.136675	1623.302	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.878270	-466.209216	-5.468042
-791.519651	-50.833475	-3567.951	
0.25000	-20.878270	-452.894780	-5.468042
-770.282952	-47.562561	-3208.834	
0.50000	-20.878270	-439.844347	-5.468042
-749.973112	-46.115919	-2903.678	
0.75000	-20.878270	-427.269233	-5.468042
-731.134355	-48.339729	-2649.696	
1.00000	-20.878270	-415.367801	-5.468042
-720.871374	-52.672818	-2447.144	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.817681	41.428847	7.970377
102.027426	47.633494	438.220869	
0.25000	6.817681	41.478312	7.970377
102.179023	38.740580	417.099472	
0.50000	6.817681	41.534015	7.970377
102.346615	30.438937	406.686859	
0.75000	6.817681	41.594840	7.970377
102.527178	23.660352	414.516545	
1.00000	6.817681	41.659513	7.970377
102.717021	17.815568	448.994879	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.783604	-103.343695	-0.142670
-287.784781	-3.019734	-1039.444	
0.25000	-6.783604	-103.253257	-0.142670
-287.611337	-2.953658	-950.655498	
0.50000	-6.783604	-103.164737	-0.142670
-287.445336	-3.224743	-874.859368	
0.75000	-6.783604	-103.079566	-0.142670
-287.290244	-7.376550	-814.253233	
1.00000	-6.783604	-102.999151	-0.142670
-287.149735	-12.423601	-771.989252	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.375720	82.560899	7.331035
164.039758	45.563277	956.496591	
0.25000	9.375720	82.565849	7.331035
164.054946	37.680651	913.199235	
0.50000	9.375720	82.571282	7.331035
164.071736	30.641518	904.775584	
0.75000	9.375720	82.577511	7.331035
164.089826	25.163548	968.529911	
1.00000	9.375720	82.583983	7.331035
164.108844	21.601951	1080.603	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.717437	-293.383328	-2.138498
-465.923714	-20.588404	-2640.591	
0.25000	-8.717437	-293.374281	-2.138498
-465.906328	-18.658190	-2368.724	
0.50000	-8.717437	-293.365427	-2.138498
-465.889683	-17.552342	-2131.048	
0.75000	-8.717437	-293.356910	-2.138498
-465.874136	-19.541854	-1930.384	
1.00000	-8.717437	-293.348864	-2.138498
-465.860047	-23.233966	-1770.196	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.490824	113.790939	11.794723
300.866295	86.399550	1192.180	
0.25000	17.490824	113.795394	11.794723
300.879964	74.701679	1139.751	
0.50000	17.490824	113.800411	11.794723
300.895075	64.782555	1124.967	
0.75000	17.490824	113.806089	11.794723
300.911356	56.886390	1182.121	
1.00000	17.490824	113.811715	11.794723
300.928473	51.224399	1289.378	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.774410	-311.461784	-2.023289
-696.823655	-23.119935	-2917.913	
0.25000	-16.774410	-311.453643	-2.023289
-696.808008	-21.576082	-2669.565	
0.50000	-16.774410	-311.445674	-2.023289
-696.793028	-22.784495	-2449.610	
0.75000	-16.774410	-311.438009	-2.023289
-696.779036	-27.920347	-2275.304	
1.00000	-16.774410	-311.430767	-2.023289
-696.766355	-35.154141	-2143.626	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.336883	139.629985	9.977209
507.480369	79.265484	1530.002	
0.25000	22.336883	149.840901	9.977209
513.138988	69.800952	1545.505	
0.50000	22.336883	161.378443	9.977209
525.269856	63.677399	1588.582	
0.75000	22.336883	173.978424	9.977209

```
554.122474   60.208726   1683.717
 1.00000   22.336883  187.307538    9.977209
582.613733   59.031600   1811.414

 COMB DL-G2-4 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -21.185148 -579.873036   -6.455367
-721.867713   -63.189974   -4167.221
 0.25000  -21.185148 -559.387459   -6.455367
-699.111211   -57.986976   -3723.928
 0.50000  -21.185148 -539.258191   -6.455367
-694.642763   -55.548708   -3330.930
 0.75000  -21.185148 -519.819720   -6.455367
-694.164842   -57.001965   -2999.172
 1.00000  -21.185148 -501.371837   -6.455367
-694.149369   -60.508210   -2725.088

 COMB DL-G3-1 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   13.526473   65.048674    0.574760
583.378608   14.676883  826.080483
 0.25000   13.526473   76.976228    0.574760
579.040887   16.476268  908.655688
 0.50000   13.526473   90.499319    0.574760
574.703078   19.566105  997.271227
 0.75000   13.526473  105.261156    0.574760
570.365270   23.862823  1086.458
 1.00000   13.526473  120.807470    0.574760
566.027462   28.622051  1173.058
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1739

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -12.704964  -499.922311   -7.624351
-238.555581   -72.464853   -2794.899
 0.25000  -12.704964  -473.073121   -7.624351
-238.555581   -66.649927   -2404.973
 0.50000  -12.704964  -446.562322   -7.624351
-238.555581   -61.515981   -2057.988
 0.75000  -12.704964  -420.836123   -7.624351
-238.555581   -57.048125   -1750.291
 1.00000  -12.704964  -396.352554   -7.624351
-238.555581   -53.173307   -1478.942

 COMB DL-G3-2 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   17.300789  106.199578    0.820682
670.951078   22.852448   1336.073
 0.25000   17.300789  120.281794    0.820682
670.471183   24.095652   1412.919
 0.50000   17.300789  136.210223    0.820682
669.991278   27.908780   1520.256
 0.75000   17.300789  153.610243    0.820682
669.511373   32.630861   1661.942
 1.00000   17.300789  171.951194    0.820682
669.031468   39.331932   1821.093

 COMB DL-G3-2 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -15.846966  -717.041036  -12.176446
-383.732878   -110.314617   -4380.292
 0.25000  -15.846966  -686.231767  -12.176446
-383.732878   -99.249895   -3804.445
 0.50000  -15.846966  -655.851969  -12.176446
-383.732878   -89.315963   -3294.091
 0.75000  -15.846966  -626.389462  -12.176446
-383.732878   -80.831043   -2842.197
 1.00000  -15.846966  -598.371948  -12.176446
-383.732878   -73.981459   -2447.235

 COMB DL-G3-3 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   19.657079  130.194428    4.342779
661.148423   38.030099   1597.645
 0.25000   19.657079  143.132053    4.342779
661.231980   36.098481   1649.301
 0.50000   19.657079  157.764507    4.342779
661.315539   35.824082   1734.698
 0.75000   19.657079  173.748907    4.342779
661.399097   37.429895   1879.171
 1.00000   19.657079  190.601013    4.342779
661.482656   41.282783   2059.140

 COMB DL-G3-3 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -18.198634  -752.255633   -9.784266
-562.608508   -91.771806   -4979.468
 0.25000  -18.198634  -724.047290   -9.784266
-562.608508   -83.665494   -4357.187
 0.50000  -18.198634  -696.235038   -9.784266
-562.608508   -77.501486   -3806.921
 0.75000  -18.198634  -669.265717   -9.784266
-562.608508   -73.135014   -3325.164
 1.00000  -18.198634  -643.620656   -9.784266
-562.608508   -70.514472   -2910.534

 COMB DL-G3-4 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   23.369168  140.625875    9.702326
664.137365   75.128570   1616.025
 0.25000   23.369168  151.412258    9.702326
664.224426   67.177163   1646.134
 0.50000   23.369168  163.612120    9.702326
664.311489   61.218161   1710.170
 0.75000   23.369168  176.938569    9.702326
664.398552   58.073666   1830.340
 1.00000   23.369168  190.988064    9.702326
664.485615   57.611865   1988.478
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1740

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-4 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -22.138820  -673.690686   -8.224954
-701.011660   -79.336461   -4671.729
 0.25000  -22.138820  -650.176028   -8.224954
-701.011660   -72.684672   -4135.119
 0.50000  -22.138820  -626.991198   -8.224954
-701.011660   -68.174714   -3664.718
 0.75000  -22.138820  -604.510510   -8.224954
-701.011660   -68.010884   -3259.179
 1.00000  -22.138820  -583.132457   -8.224954
-701.011660   -70.125142   -2917.495

 COMB       DB ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   17.850045   72.235523    9.449122
547.860958   56.830968   739.417150
 0.25000   17.850045   83.535971    9.449122
547.860958   52.652902   951.905307
 0.50000   17.850045  105.017360    9.449122
547.860958   49.370476   1215.143
 0.75000   17.850045  130.024885    9.449122
547.860958   46.361626   1532.089
 1.00000   17.850045  156.120978    9.449122
547.860958   43.591483   1884.095

 COMB       DB ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -17.602078  -641.397251  -10.007954
-635.621790   -63.041053   -2488.231
 0.25000  -17.602078  -612.696532  -10.007954
-605.608757   -58.056079   -2358.917
 0.50000  -17.602078  -584.356715  -10.007954
-591.905525   -53.707161   -2229.813
 0.75000  -17.602078  -556.810358  -10.007954
-591.875720   -50.037583   -2101.701
 1.00000  -17.602078  -530.604478  -10.007954
-591.855684   -50.307730   -1973.705

 COMB       DL ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   23.369168  140.625875   12.375524
670.951078  101.012247   1616.025
 0.25000   23.369168  151.412258   12.375524
670.471183   90.006016   1649.301
 0.50000   23.369168  163.612120   12.375524
669.991278   80.183001   1734.698
 0.75000   23.369168  176.938569   12.375524
669.511373   72.342540   1879.171
 1.00000   23.369168  190.988064   12.375524
669.031468   65.915844   2059.140

 COMB       DL ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -22.138820  -752.255633  -12.176446
-791.519651  -110.314617   -4979.468
 0.25000  -22.138820  -724.047290  -12.176446
-770.282952   -99.249895   -4357.187
 0.50000  -22.138820  -696.235038  -12.176446
-749.973112   -89.315963   -3806.921
 0.75000  -22.138820  -669.265717  -12.176446
-743.874982   -80.831043   -3325.164
 1.00000  -22.138820  -643.620656  -12.176446
-743.470095   -73.981459   -2917.495

 COMB   DESIGN ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   23.369168  140.625875   12.375524
670.951078  101.012247   1616.025
 0.25000   23.369168  151.412258   12.375524
670.471183   90.006016   1649.301
 0.50000   23.369168  163.612120   12.375524
669.991278   80.183001   1734.698
 0.75000   23.369168  176.938569   12.375524
669.511373   72.342540   1879.171
 1.00000   23.369168  190.988064   12.375524
669.031468   65.915844   2059.140

 COMB   DESIGN ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -22.138820  -752.255633  -12.176446
-791.519651  -110.314617   -4979.468
 0.25000  -22.138820  -724.047290  -12.176446
-770.282952   -99.249895   -4357.187
 0.50000  -22.138820  -696.235038  -12.176446
-749.973112   -89.315963   -3806.921
 0.75000  -22.138820  -669.265717  -12.176446
-743.874982   -80.831043   -3325.164
 1.00000  -22.138820  -643.620656  -12.176446
-743.470095   -73.981459   -2917.495

 ELEM      146 ================== LENGTH
=     4.928362

 COMB DB-G1-1 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000    8.530269   23.195624    4.977698
64.826763   30.319709   183.698830
 0.25000    8.530269   23.207174    4.977698
64.857634   28.565367   213.181545
 0.50000    8.530269   23.219721    4.977698
64.890470   26.864517   254.393143
 0.75000    8.530269   23.232999    4.977698
64.924921   25.247578   297.837008
 1.00000    8.530269   23.248128    4.977698
64.965305   23.702557   342.936777

 COMB DB-G1-1 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   -8.507876  -41.430234   -0.532688
-247.914772   -16.051232   -408.240352
 0.25000   -8.507876  -41.414932   -0.532688
-247.876454   -15.556123   -413.064563
 0.50000   -8.507876  -41.401229   -0.532688
-247.843230   -22.310330   -418.056408
 0.75000   -8.507876  -41.387969   -0.532688
-247.812770   -26.384499   -423.389325
 1.00000   -8.507876  -41.375368   -0.532688
-247.791749   -30.989315   -428.883409

 COMB DB-G1-2 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   14.053527   42.966235    8.897510
95.253370   44.531399   370.395758
 0.25000   14.053527   42.977779    8.897510
95.284183   40.376768   445.544476
 0.50000   14.053527   42.990320    8.897510
95.316961   36.365240   537.643844
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1742

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P           V2          V3
      T          M2          M3
 0.75000   14.053527   43.003593    8.897510
95.351354   32.742057   636.266672
 1.00000   14.053527   43.018712    8.897510
95.391662   29.329360   740.849876

 COMB DB-G1-2 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -13.969335  -96.631592   -0.328172
-447.344933   -29.289129   -838.499277
 0.25000  -13.969335  -96.616301   -0.328172
-447.306687   -34.904847   -835.796745
 0.50000  -13.969335  -96.602603   -0.328172
-447.273520   -41.462259   -835.219472
 0.75000  -13.969335  -96.589349   -0.328172
-447.243353   -49.022850   -834.260884
 1.00000  -13.969335  -96.576753   -0.328172
-447.222373   -57.390234   -833.365371

 COMB DB-G1-3 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   15.065425   60.212578    8.532008
91.437802   41.287147   685.039316
 0.25000   15.065425   60.222969    8.532008
91.465545   37.715460   814.744373
 0.50000   15.065425   60.234257    8.532008
91.495055   34.384550   973.337477
 0.75000   15.065425   60.246203    8.532008
91.526019   31.250786   1149.714
 1.00000   15.065425   60.259812    8.532008
91.562310   28.318346   1339.168

 COMB DB-G1-3 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -14.804224  -180.417265   -0.547948
-558.952879   -29.781600   -1335.236
 0.25000  -14.804224  -180.399001   -0.547948
-558.918445   -34.477667   -1310.822
 0.50000  -14.804224  -180.386672   -0.547948
-558.888584   -40.255083   -1286.565
 0.75000  -14.804224  -180.374742   -0.547948
-558.861381   -47.143455   -1262.841
 1.00000  -14.804224  -180.363405   -0.547948
-558.842491   -54.988600   -1239.162

 COMB DB-G1-4 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   16.216352   87.745347    7.321608
209.996741   43.926799   1220.642
 0.25000   16.216352   98.542575    7.321608
232.123119   43.237695   1424.103
 0.50000   16.216352  110.289633    7.321608
253.917015   43.029649   1643.464
 0.75000   16.216352  122.744897    7.321608
279.309088   43.101315   1871.926
 1.00000   16.216352  136.651819    7.321608
312.539177   43.504663   2102.153

 COMB DB-G1-4 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -15.696090  -352.781523   -3.267160
-587.521333   -41.793767   -1698.066
 0.25000  -15.696090  -338.695750   -3.267160
-557.613272   -44.239873   -1643.857
 0.50000  -15.696090  -325.805884   -3.267160
-539.879260   -47.581691   -1589.776
 0.75000  -15.696090  -313.343754   -3.267160
-522.103437   -51.860835   -1536.156
 1.00000  -15.696090  -301.522914   -3.267160
-520.074794   -56.942067   -1482.576

 COMB DB-G2-1 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000    5.351355   23.843842    3.721505
24.686781   10.513290   269.917209
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1743

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST            P           V2          V3
      T          M2          M3
 0.25000    5.351355   23.970863    3.721505
25.026110    8.326919   332.299782
 0.50000    5.351355   24.108854    3.721505
25.387050    6.728770   402.523730
 0.75000    5.351355   24.254892    3.721505
25.765752    5.249906   478.532252
 1.00000    5.351355   24.421269    3.721505
26.209643    3.988329   559.295495

 COMB DB-G2-1 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   -5.254190  -79.210523   -0.138169
-220.845523   -13.114391   -559.832202
 0.25000   -5.254190  -79.042250   -0.138169
-220.424349   -15.557355   -545.847753
 0.50000   -5.254190  -78.891537   -0.138169
-220.059133   -18.268616   -531.869236
 0.75000   -5.254190  -78.745705   -0.138169
-219.725364   -21.427060   -517.990711
 1.00000   -5.254190  -78.607114   -0.138169
-219.494309   -24.814803   -504.189776

 COMB DB-G2-2 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000    7.503170   48.812473    3.638088
83.287313   12.944668   793.964368
 0.25000    7.503170   48.824019    3.638088
83.318150   12.205513   914.571409
 0.50000    7.503170   48.836562    3.638088
83.350951   11.750734   1067.874
 0.75000    7.503170   48.849837    3.638088
83.385367   11.491637   1255.283
 1.00000    7.503170   48.864961    3.638088
83.425705   11.406350   1466.109

 COMB DB-G2-2 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   -7.116721  -206.963439   -1.273197
-372.472576   -20.004264   -1238.970
 0.25000   -7.116721  -206.948143   -1.273197
-372.434301   -21.168042   -1193.556
 0.50000   -7.116721  -206.934443   -1.273197
-372.401111   -22.795762   -1148.205
 0.75000   -7.116721  -206.921187   -1.273197
-372.370827   -24.975057   -1102.973
 1.00000   -7.116721  -206.908589   -1.273197
-372.349830   -27.608294   -1057.764

 COMB DB-G2-3 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   13.298214   62.714505    7.257652
120.254455   33.427818   861.573646
 0.25000   13.298214   62.724897    7.257652
120.282208   30.970199   1000.200
 0.50000   13.298214   62.736186    7.257652
120.311729   28.770125   1175.432
 0.75000   13.298214   62.748133    7.257652
120.342703   26.745590   1383.497
 1.00000   13.298214   62.761744    7.257652
120.379008   24.865560   1614.506

 COMB DB-G2-3 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -12.925865  -223.537577   -1.244780
-534.798318   -30.782131   -1464.791
 0.25000  -12.925865  -223.523811   -1.244780
-534.763872   -34.529752   -1425.443
 0.50000  -12.925865  -223.511481   -1.244780
-534.734001   -39.073720   -1386.471
 0.75000  -12.925865  -223.499550   -1.244780
-534.706745   -44.505057   -1347.643
 1.00000  -12.925865  -223.488212   -1.244780
-534.687848   -50.669302   -1308.990
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1744

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G2-4 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   16.500451  101.603426    6.211170
299.656859   42.528945   1467.270
 0.25000   16.500451  118.167880    6.211170
299.656859   42.815703   1717.073
 0.50000   16.500451  136.223217    6.211170
317.509474   43.880676   1968.287
 0.75000   16.500451  155.415627    6.211170
342.046318   45.456386   2217.027
 1.00000   16.500451  176.253046    6.211170
363.878265   47.471282   2457.524

 COMB DB-G2-4 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -15.892556  -438.883404   -4.832949
-486.678721   -46.581080   -1841.322
 0.25000  -15.892556  -417.734698   -4.832949
-474.101196   -47.871464   -1769.524
 0.50000  -15.892556  -397.797464   -4.832949
-474.101196   -49.837898   -1698.045
 0.75000  -15.892556  -378.543398   -4.832949
-474.101196   -52.544229   -1626.679
 1.00000  -15.892556  -360.326971   -4.832949
-474.101196   -55.867709   -1555.460

 COMB DB-G3-1 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000    9.467179   76.020392    0.269441
450.336696   27.307541   1201.515
 0.25000    9.467179   97.156137    0.269441
450.336696   30.827024   1393.352
 0.50000    9.467179  120.310603    0.269441
450.336696   35.274240   1553.432
 0.75000    9.467179  145.084672    0.269441
450.336696   40.552042   1681.042
 1.00000    9.467179  170.407618    0.269441
450.336696   46.592817   1778.664

 COMB DB-G3-1 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   -9.063144  -375.563461   -6.551377
-69.552418   -35.214158   -971.457779
 0.25000   -9.063144  -349.707955   -6.551377
-69.552418   -32.306321   -908.149728
 0.50000   -9.063144  -323.824595   -6.551377
-69.552418   -29.400525   -844.841697
 0.75000   -9.063144  -298.880373   -6.551377
-69.552418   -26.495842   -781.535055
 1.00000   -9.063144  -275.411524   -6.551377
-69.552418   -23.591486   -718.260152

 COMB DB-G3-2 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   12.117439  105.659261    0.561974
550.677945   33.844163   1800.319
 0.25000   12.117439  130.940092    0.561974
550.677945   39.006620   2061.696
 0.50000   12.117439  158.576952    0.561974
550.677945   45.402491   2304.119
 0.75000   12.117439  188.058417    0.561974
550.677945   52.934815   2532.514
 1.00000   12.117439  218.802670    0.561974
550.677945   61.320856   2743.117

 COMB DB-G3-2 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -11.386770  -536.774621   -8.892172
-180.084451   -49.493116   -1614.927
 0.25000  -11.386770  -505.476017   -8.892172
-180.084451   -45.463130   -1518.504
 0.50000  -11.386770  -474.690033   -8.892172
-180.084451   -41.449565   -1422.080
 0.75000  -11.386770  -445.005000   -8.892172
-180.084451   -37.459135   -1325.682
 1.00000  -11.386770  -417.018682   -8.892172
-180.084451   -33.484435   -1229.325
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING          LOAD                >
                                    1745

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   14.458485  116.145310    2.260670
487.592534   33.981312   1883.508
 0.25000   14.458485  139.335649    2.260670
487.592534   37.798432   2179.548
 0.50000   14.458485  164.682733    2.260670
487.592534   42.756849   2466.918
 0.75000   14.458485  191.717910    2.260670
487.592534   48.742197   2745.826
 1.00000   14.458485  219.958427    2.260670
487.592534   55.484053   3009.469

 COMB DB-G3-3 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -13.701443  -560.652667   -7.611956
-334.015556   -49.168537   -1973.179
 0.25000  -13.701443  -531.906742   -7.611956
-334.015556   -46.314786   -1870.091
 0.50000  -13.701443  -503.681437   -7.611956
-334.015556   -43.766022   -1767.048
 0.75000  -13.701443  -476.464017   -7.611956
-334.015556   -41.592040   -1664.043
 1.00000  -13.701443  -450.798615   -7.611956
-334.015556   -39.713122   -1561.067

 COMB DB-G3-4 ------------------ MAX

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000   17.208153  112.838045    5.286669
437.277943   43.818927   1699.518
 0.25000   17.208153  132.172916    5.286669
437.277943   45.117499   1978.069
 0.50000   17.208153  153.305816    5.286669
437.277943   47.373529   2253.591
 0.75000   17.208153  175.846026    5.286669
437.277943   50.505304   2524.395
 1.00000   17.208153  199.392747    5.286669
437.277943   54.307638   2784.774

 COMB DB-G3-4 ------------------ MIN

 REL DIST            P           V2          V3
      T          M2          M3
 0.00000  -16.544977  -504.118442   -6.451600
-447.131282   -51.965416   -1965.158
 0.25000  -16.544977  -480.150442   -6.451600
-447.131282   -52.066535   -1877.819
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 0.50000   -16.544977  -456.618183    -6.451600
-447.131282   -52.714675   -1790.630
 0.75000   -16.544977  -433.926178    -6.451600
-447.131282   -53.988017   -1703.547
 1.00000   -16.544977  -412.527961    -6.451600
-447.131282   -55.755805   -1616.602

  COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.875441   40.479097    6.422538
135.665509   44.668075  396.368468
 0.25000   11.875441   40.484596    6.422538
135.680957   40.578057  415.071926
 0.50000   11.875441   40.490701    6.422538
135.697956   37.017471  440.885767
 0.75000   11.875441   40.497285    6.422538
135.716156   33.963137  491.261831
 1.00000   11.875441   40.504214    6.422538
135.735161   31.277930  543.471546

  COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -11.462251  -54.820447   -0.624395
-321.300246   -19.735854  -574.469892
 0.25000   -11.462251  -54.811710   -0.624395
-321.283480   -22.421117  -576.283378
 0.50000   -11.462251  -54.803215   -0.624395
-321.267478   -25.921126  -583.136472
 0.75000   -11.462251  -54.795103   -0.624395
-321.252610   -30.162501  -613.903024
 1.00000   -11.462251  -54.787504   -0.624395
-321.239242   -34.961773  -646.185802
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1746

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   19.205300   71.370057   12.492959
196.426838   67.255962  748.227939
 0.25000   19.205300   71.375752   12.492959
196.442251   58.685539  794.871976
 0.50000   19.205300   71.381653   12.492959
196.459210   51.225598  859.192290
 0.75000   19.205300   71.388232   12.492959
196.477368   44.774015  968.618501
 1.00000   19.205300   71.395155   12.492959
196.496331   39.144627   1088.756

  COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -18.661525  -128.234353   -0.526988
-573.501102   -32.782662   -1171.082
 0.25000   -18.661525  -128.225620   -0.526988
-573.484390   -38.324717   -1151.203
 0.50000   -18.661525  -128.217130   -0.526988
-573.468439   -45.383060   -1145.581
 0.75000   -18.661525  -128.209021   -0.526988
-573.453620   -53.955536   -1402.563
 1.00000   -18.661525  -128.201425   -0.526988
-573.440297   -63.703880   -1228.874

  COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   20.135571   99.886674   11.762913
188.066541   64.018328   1182.989
 0.25000   20.135571  100.044933   11.762913
188.510594   56.396708   1263.357
 0.50000   20.135571  100.220677   11.762913
188.999222   49.873328   1380.080
 0.75000   20.135571  100.410170   11.762913
189.522372   44.273973   1561.649
 1.00000   20.135571  100.609589   11.762913
190.068704   39.438555   1778.791

  COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -19.144595  -245.799922   -0.775366
-682.425992   -34.825116   -1913.965
 0.25000   -19.144595  -245.548405   -0.775366
-681.944435   -39.935796   -1820.189
 0.50000   -19.144595  -245.303853   -0.775366
-681.484780   -46.539656   -1766.468
 0.75000   -19.144595  -245.070320   -0.775366
-681.057762   -54.569577   -1772.388
 1.00000   -19.144595  -244.851534   -0.775366
-680.673859   -63.717685   -1810.528

  COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.598365  135.409001   10.201634
311.731230   66.305903   1624.723
 0.25000   21.598365  143.303838   10.201634
331.611035   61.104424   1747.599
 0.50000   21.598365  152.081720   10.201634
353.632463   58.755475   1903.354
 0.75000   21.598365  161.530851   10.201634
377.159207   56.684641   2117.873
 1.00000   21.598365  171.461469   10.201634
401.660467   55.542610   2377.556

  COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -20.140923  -415.248090   -4.862962
-706.778336   -73.840344   -2447.613
 0.25000   -20.140923  -402.508589   -4.862962
-686.603586   -55.179083   -2268.710
 0.50000   -20.140923  -390.093612   -4.862962
-667.324372   -58.075437   -2142.953
 0.75000   -20.140923  -378.217683   -4.862962
-649.524964   -62.429669   -2092.070
 1.00000   -20.140923  -367.072561   -4.862962
-636.403798   -67.905653   -2099.507
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1747

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.926098   36.750047    5.664999
48.404342   18.345619  449.777664
 0.25000    6.926098   36.804992    5.664999
48.558467   14.108411  486.000701
 0.50000    6.926098   36.866007    5.664999
48.728066   10.636443  537.305786
 0.75000    6.926098   36.931795    5.664999
48.909646    7.705774  614.004093
 1.00000    6.926098   37.001029    5.664999
49.099272    5.915058  706.099617

  COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.719819  -103.521164   -0.176686
-266.597810   -12.633826  -771.904101
 0.25000   -6.719819  -103.433839   -0.176686
-266.430692   -14.873512  -730.094557
 0.50000   -6.719819  -103.348931   -0.176686
-266.271175   -17.873596  -703.876781
 0.75000   -6.719819  -103.267849   -0.176686
-266.122986   -21.853367  -699.810472
 1.00000   -6.719819  -103.191887   -0.176686
-265.989763   -27.187000  -709.648585

  COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    9.460913   81.436104    5.355836
97.334454   22.897265   1081.712
 0.25000    9.460913   81.441601    5.355836
97.349896   20.357809   1150.345
 0.50000    9.460913   81.447707    5.355836
97.366888   18.608901   1263.506
 0.75000    9.460913   81.454289    5.355836
97.385082   17.527180   1437.036
 1.00000    9.460913   81.461217    5.355836
97.404080   16.974643   1664.352

  COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.547693  -268.004313   -1.968452
-417.157705   -23.668983   -1770.003
 0.25000   -8.547693  -267.995577   -1.968452
-417.140948   -24.730579   -1627.802
 0.50000   -8.547693  -267.987083   -1.968452
-417.124954   -26.715957   -1532.487
 0.75000   -8.547693  -267.978972   -1.968452
-417.110095   -29.672473   -1484.106
 1.00000   -8.547693  -267.971373   -1.968452
-417.096734   -33.383281   -1482.239

  COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   17.524525  104.446150   10.567582
183.280152   52.976843   1291.036
 0.25000   17.524525  104.451098   10.567582
183.294050   46.815622   1372.847
 0.50000   17.524525  104.456592   10.567582
183.309343   41.777993   1500.304
 0.75000   17.524525  104.462717   10.567582
183.325717   37.699097   1701.761
 1.00000   17.524525  104.468752   10.567582
183.342816   34.356808   1954.024

  COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.455627  -290.986760   -1.932348
-633.989022   -35.929939   -2143.819
 0.25000  -16.455627  -290.978897   -1.932348
-633.973941   -39.670396   -2013.856
 0.50000  -16.455627  -290.971253   -1.932348
-633.959546   -44.844402   -1931.759
 0.75000  -16.455627  -290.963952   -1.932348
-633.946172   -51.409087   -1911.070
 1.00000  -16.455627  -290.957114   -1.932348
-633.934148   -59.069160   -1934.423
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1748

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   21.749844  148.129408    9.142661
388.255325   61.373851  1812.339
 0.25000   21.749844  159.873861    9.142661
394.863686   58.501435   1964.312
 0.50000   21.749844  172.897176    9.142661
418.734443   56.989017   2144.064
 0.75000   21.749844  186.903695    9.142661
447.132997   56.650096   2372.625
 1.00000   21.749844  201.579711    9.142661
474.691922   57.337963   2648.050

  COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.208640  -501.144817   -6.769138
-620.724414   -61.778334   -2726.658
 0.25000  -20.208640  -481.805158   -6.769138
-599.892028   -61.367922   -2500.056
 0.50000  -20.208640  -462.900791   -6.769138
-587.710250   -62.468818   -2335.186
 0.75000  -20.208640  -444.761616   -6.769138
-587.621965   -64.966630   -2224.482
 1.00000  -20.208640  -427.701157   -6.769138
-587.604392   -68.550363   -2235.047

  COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -11.495495  -391.000378   -8.584553
-126.027606   -54.219182   -1479.762
 0.25000  -11.495495  -366.295734   -8.584553
-126.027606   -48.372576   -1292.293
 0.50000  -11.495495  -341.988042   -8.584553
-126.027606   -43.117003   -1137.514
 0.75000  -11.495495  -318.540604   -8.584553
-126.027606   -38.328250   -1024.620
 1.00000  -11.495495  -296.409027   -8.584553
-126.027606   -33.878465  -965.493991

  COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.867688  143.174212    1.103971
634.449678   41.394468   1820.266
 0.25000   15.867688  159.892128    1.103971
633.969693   40.177272   1972.279
 0.50000   15.867688  178.418696    1.103971
633.488110   52.257991   2141.694
 0.75000   15.867688  198.325996    1.103971
633.009722   59.784427   2332.603
 1.00000   15.867688  219.071927    1.103971
632.529736   68.156370   2572.778

  COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -14.156385  -573.937249  -12.294465
-247.514385   -75.365222   -2448.094
 0.25000  -14.156385  -545.425727  -12.294465
-247.514385   -66.980236   -2160.761
 0.50000  -14.156385  -517.412581  -12.294465
-247.514385   -59.544200   -1928.299
 0.75000  -14.156385  -490.427692  -12.294465
-247.514385   -52.901551   -1762.528
 1.00000  -14.156385  -464.964847  -12.294465
-247.514385   -46.802527   -1684.395
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1749

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   18.650757  160.683080    3.450904
578.099172   43.718220   2058.971
 0.25000   18.650757  176.023378    3.450904
578.182744   46.202391   2233.511
 0.50000   18.650757  193.022238    3.450904
578.264803   50.281593   2437.473
 0.75000   18.650757  211.289450    3.450904
578.349890   55.779924   2680.703
 1.00000   18.650757  230.331227    3.450904
578.433462   62.309530   2984.407

  COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.841249  -620.155306  -10.382672
-416.733329   -71.825293   -2911.119
 0.25000  -16.841249  -594.030193  -10.382672
-416.733329   -65.789512   -2599.379
 0.50000  -16.841249  -568.366652  -10.382672
-416.733329   -61.017215   -2369.818
 0.75000  -16.841249  -543.648713  -10.382672
-416.733329   -57.458444   -2200.581
 1.00000  -16.841249  -520.325374  -10.382672
-416.733329   -54.823027   -2135.464

  COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   22.532046  159.582542    8.161181
547.945099   60.161264   1989.022
 0.25000   22.532046  172.371414    8.161181
548.032176   58.567606   2154.726
 0.50000   22.532046  186.542957    8.161181
548.117990   58.712162   2351.275
 0.75000   22.532046  201.771944    8.161181
548.206332   60.362602   2596.842
 1.00000   22.532046  217.646782    8.161181
548.293409   63.134273   2896.820

  COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.882113  -566.332246   -8.785347
-564.555741   -71.530394   -2918.212
 0.25000  -20.882113  -544.553237   -8.785347
-564.555741   -69.182901   -2650.394
 0.50000  -20.882113  -523.159772   -8.785347
-564.555741   -68.425551   -2448.193
 0.75000  -20.882113  -502.554404   -8.785347
-564.555741   -69.169474   -2328.512
 1.00000  -20.882113  -483.111668   -8.785347
-564.555741   -71.056099   -2287.307

  COMB       DB -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   17.208153  116.145310    8.897510
550.677945   44.531399   1883.508
 0.25000   17.208153  139.335649    8.897510
550.677945   45.117499   2179.548
 0.50000   17.208153  164.682733    8.897510
550.677945   47.373529   2466.918
 0.75000   17.208153  191.717910    8.897510
550.677945   52.011815   2795.276
 1.00000   17.208153  219.958427    8.897510
550.677945   61.320856   3009.469

  COMB       DB -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -16.544977  -560.652667   -8.892172
-587.521333   -51.965416   -1973.179
 0.25000  -16.544977  -531.906742   -8.892172
-558.918445   -52.066535   -1877.819
 0.50000  -16.544977  -503.681437   -8.892172
-558.888584   -52.714675   -1790.630
 0.75000  -16.544977  -476.469317   -8.892172
-558.861381   -53.988017   -1703.547
 1.00000  -16.544977  -450.798615   -8.892172
-558.842491   -57.390234   -1616.602
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1750

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

  COMB       DL -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   22.532046  160.683080   12.492959
634.449678   67.255962   2058.971
 0.25000   22.532046  176.023378   12.492959
633.969693   61.904424   2233.511
 0.50000   22.532046  193.022238   12.492959
633.488110   58.755475   2437.473
 0.75000   22.532046  211.289450   12.492959
633.009722   60.362602   2680.703
 1.00000   22.532046  230.331227   12.492959
632.529736   68.156370   2984.407

  COMB       DL -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.882113  -620.155306  -12.294465
-706.778336   -75.365222   -2918.212
 0.25000  -20.882113  -594.030193  -12.294465
-686.603586   -69.182901   -2650.394
 0.50000  -20.882113  -568.366652  -12.294465
-681.484780   -68.425551   -2448.193
 0.75000  -20.882113  -543.648713  -12.294465
-681.057762   -69.169474   -2328.512
 1.00000  -20.882113  -520.325374  -12.294465
-680.673859   -71.056099   -2287.307

  COMB       CAR -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   22.532046  160.683080   12.492959
634.449678   67.255962   2058.971
 0.25000   22.532046  176.023378   12.492959
633.969693   61.904424   2233.511
 0.50000   22.532046  193.022238   12.492959
633.488110   58.755475   2466.918
 0.75000   22.532046  211.289450   12.492959
633.009722   60.362602   2745.826
 1.00000   22.532046  230.331227   12.492959
632.529736   68.156370   3009.469

  COMB       CAR -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.882113  -620.155306  -12.294465
-706.778336   -75.365222   -2918.212
 0.25000  -20.882113  -594.030193  -12.294465
-686.603586   -69.182901   -2650.394
 0.50000  -20.882113  -568.366652  -12.294465
-681.484780   -68.425551   -2448.193
 0.75000  -20.882113  -543.648713  -12.294465
-681.057762   -69.169474   -2328.512
 1.00000  -20.882113  -520.325374  -12.294465
-680.673859   -71.056099   -2287.307

  COMB  DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   22.532046  160.683080   12.492959
634.449678   67.255962   2058.971
 0.25000   22.532046  176.023378   12.492959
633.969693   61.904424   2233.511
 0.50000   22.532046  193.022238   12.492959
633.488110   58.755475   2466.918
 0.75000   22.532046  211.289450   12.492959
633.009722   60.362602   2745.826
 1.00000   22.532046  230.331227   12.492959
632.529736   68.156370   3009.469

  COMB  DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -20.882113  -620.155306  -12.294465
-706.778336   -75.365222   -2918.212
 0.25000  -20.882113  -594.030193  -12.294465
-686.603586   -69.182901   -2650.394
 0.50000  -20.882113  -568.366652  -12.294465
-681.484780   -68.425551   -2448.193
 0.75000  -20.882113  -543.648713  -12.294465
-681.057762   -69.169474   -2328.512
 1.00000  -20.882113  -520.325374  -12.294465
-680.673859   -71.056099   -2287.307

                      Page
<              MOVING          LOAD              >
                                1751

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      147 ================== LENGTH
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  COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    8.391460   23.776509    4.918289
53.080132   24.438420  343.970423
 0.25000    8.391460   23.788498    4.918289
53.109875   21.891151  379.464096
 0.50000    8.391460   23.801405    4.918289
53.141961   19.384201  416.384640
 0.75000    8.391460   23.815032    4.918289
53.175897   16.894699  454.281194
 1.00000    8.391460   23.830494    4.918289
53.215771   14.464036  493.052413

  COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.184259  -35.507527   -0.416308
-198.425043   -31.428271   -429.116459
 0.25000   -8.184259  -35.491998   -0.416308
-198.387293   -33.980845   -421.058340
 0.50000   -8.184259  -35.478151   -0.416308
-198.354765   -37.171791   -413.087470
 0.75000   -8.184259  -35.464800   -0.416308
-198.323516   -40.936078   -405.116641
 1.00000   -8.184259  -35.452163   -0.416308
-198.301085   -45.224893   -397.378121

  COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   13.842179   44.057566    7.869160
81.841111   30.517805   742.642016
 0.25000   13.842179   44.069269    7.869160
81.870796   26.810527   816.591175
 0.50000   13.842179   44.082170    7.869160
81.902823   23.209577   894.745257
 0.75000   13.842179   44.095791    7.869160
81.936999   19.959970   976.969379
 1.00000   13.842179   44.111243    7.869160
81.976496   16.854135   1062.415

  COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -13.421110  -81.440258   -1.445492
-362.458155   -58.063595   -833.700497
 0.25000   -13.421110  -81.424739   -1.445492
-362.420477   -60.613171   -811.838829
 0.50000   -13.421110  -81.410898   -1.445492
-362.388005   -64.417679   -789.982643
 0.75000   -13.421110  -81.397553   -1.445492
-362.356814   -69.471316   -768.178534
 1.00000   -13.421110  -81.384921   -1.445492
-362.334637   -75.651346   -746.666873

  COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.859034   60.857506    7.430460
111.140926   29.991394   1341.121
 0.25000   14.859034   60.868291    7.430460
111.167652   26.658943   1451.477
 0.50000   14.859034   60.879904    7.430460
111.196487   23.499740   1577.030
 0.75000   14.859034   60.892164    7.430460
111.226986   20.619658   1717.225
 1.00000   14.859034   60.906072    7.430460
111.262818   17.883275   1868.425

  COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.257629  -150.269164   -1.936090
-465.399371   -55.347665   -1239.482
 0.25000   -14.257629  -150.255196   -1.936090
-465.365448   -57.105184   -1195.986
 0.50000   -14.257629  -150.242738   -1.936090
-465.336213   -60.091421   -1152.490
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                1752

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000   -14.257629  -150.230726   -1.936090
-465.308131   -64.403162   -1109.044
 1.00000   -14.257629  -150.219356   -1.936090
-465.288126   -69.951111   -1065.852

  COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   15.772745  107.803753    6.628979
221.788296   45.757536   2103.550
 0.25000   15.772745  119.005685    6.628979
243.991368   43.682712   2183.444
 0.50000   15.772745  131.096240    6.628979
267.674876   42.539759   2425.880
 0.75000   15.772745  143.877373    6.628979
295.894700   41.789128   2594.259
 1.00000   15.772745  158.086407    6.628979
328.575002   41.418491   2762.063

  COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -14.891714  -305.691457   -4.062378
-514.043813   -57.871855   -1482.747
 0.25000   -14.891714  -291.406352   -4.062378
-483.077210   -58.102775   -1419.832
 0.50000   -14.891714  -278.397157   -4.062378
-463.522097   -59.364833   -1356.952
 0.75000   -14.891714  -265.871738   -4.062378
-445.862957   -61.726698   -1294.137
 1.00000   -14.891714  -254.046044   -4.062378
-439.334692   -65.123110   -1231.534

  COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.287340   24.147080    2.663641
21.413958    4.471246  560.039690
 0.25000    5.287340   24.278927    2.663641
21.740873    3.666510  609.845769
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 0.50000      5.287340     24.420881      2.663641
 22.093559     2.961904    664.917113
 0.75000      5.287340     24.570752      2.663641
 22.466594     2.526748    724.773943
 1.00000      5.287340     24.740787      2.663641
 22.904866     2.253759    788.305915

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     -5.045311   -65.779723    -1.305784
-186.360795  -24.956434  -504.271205
 0.25000     -5.045311   -65.608955    -1.305784
-185.945859  -24.440158  -484.133778
 0.50000     -5.045311   -65.456664    -1.305784
-185.588297  -24.629798  -464.000900
 0.75000     -5.045311   -65.309829    -1.305784
-185.244817  -25.453243  -443.873009
 1.00000     -5.045311   -65.170840    -1.305784
-184.999190  -26.935281  -423.772612

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000      7.340145    56.332002     2.626040
 126.267103   12.647669    1467.020
 0.25000      7.340145    56.343987     2.626040
 126.296810   12.258238    1549.926
 0.50000      7.340145    56.356891     2.626040
 126.328861   12.159390    1660.497
 0.75000      7.340145    56.370514     2.626040
 126.362761   12.424349    1803.060
 1.00000      7.340145    56.385970     2.626040
 126.402589   12.901563    1967.696

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     -6.719139   -172.253285   -2.352590
-325.876455  -27.708661   -1057.825
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1753

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P           V2          V3
      T           M2          M3
 0.25000     -6.719139   -172.237763   -2.352590
-325.838747  -26.444081   -1008.441
 0.50000     -6.719139   -172.223919   -2.352590
-325.806253  -25.767189   -959.057618
 0.75000     -6.719139   -172.210572   -2.352590
-325.775039  -25.676305   -909.676946
 1.00000     -6.719139   -172.197938   -2.352590
-325.752760  -26.717220   -860.321863

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     13.058374    69.905935     5.989603
 152.098868   26.576669    1616.155
 0.25000     13.058374    69.916722     5.989603
 152.125605   24.352626    1721.958
 0.50000     13.058374    69.928535     5.989603
 152.154450   22.387268    1854.020
 0.75000     13.058374    69.940596     5.989603
 152.184961   20.714753    2015.926
 1.00000     13.058374    69.954506     5.989603
 152.220805   19.230813    2198.172

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -12.316505   -186.515076   -2.579122
-453.084598  -51.086575   -1309.210
 0.25000    -12.316505   -186.501106   -2.579122
-453.050662  -51.419924   -1256.581
 0.50000    -12.316505   -186.488647   -2.579122
-453.021417  -52.827354   -1203.951
 0.75000    -12.316505   -186.476634   -2.579122
-452.993325  -55.429061   -1151.473
 1.00000    -12.316505   -186.465263   -2.579122
-452.973274  -59.147731   -1099.081

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     15.948196   130.970112     5.666072
 289.048293   50.228406    2590.293
 0.25000     15.948196   148.141223     5.666072
 291.034126   49.287563    2648.073
 0.50000     15.948196   166.737444     5.666072
 316.108553   49.306287    2829.503
 0.75000     15.948196   186.429835     5.666072
 339.329703   50.159854    3005.037
 1.00000     15.948196   207.712031     5.666072
 360.219316   51.608976    3169.711

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -14.989040   -382.474886   -5.524660
-425.500774  -57.026841   -1555.495
 0.25000    -14.989040   -361.047112   -5.524660
-405.047547  -55.690787   -1482.934
 0.50000    -14.989040   -340.957914   -5.524660
-399.206281  -55.244447   -1410.448
 0.75000    -14.989040   -321.652820   -5.524660
-399.206281  -55.801271   -1338.098
 1.00000    -14.989040   -303.489871   -5.524660
-399.206281  -57.291261   -1265.821

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000      8.870011   114.943408     1.360509
 387.060198   48.485731    1777.218
 0.25000      8.870011   136.833865     1.360509
 387.060198   50.344123    1914.811
 0.50000      8.870011   160.714611     1.360509
 387.060198   53.224220    2019.127
 0.75000      8.870011   186.086868     1.360509
 387.060198   57.093952    2089.880
 1.00000      8.870011   211.971643     1.360509
 387.060198   61.884587    2130.323
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1754

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     -8.356708   -333.296284   -5.941160
-46.301814   -25.000715   -717.987634
 0.25000     -8.356708   -307.159344   -5.941160
-46.301814   -22.243450   -672.905545
 0.50000     -8.356708   -281.153611   -5.941160
-46.301814   -19.486846   -627.894122
 0.75000     -8.356708   -256.261194   -5.941160
-46.301814   -16.731034   -582.883011
 1.00000     -8.356708   -233.015383   -5.941160
-46.301814   -13.975963   -537.872531

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     11.332342   158.562402     1.715084
 505.292385   63.831369    2741.681
 0.25000     11.332342   184.747539     1.715084
 505.292385   66.372604    2922.404

 0.50000     11.332342   213.239994     1.715084
 505.292385   70.222827    3080.212
 0.75000     11.332342   243.484872     1.715084
 505.292385   75.334947    3221.770
 1.00000     11.332342   274.868027     1.715084
 505.292385   81.596489    3344.335

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -10.381862   -472.592798   -7.713241
-150.154346  -35.386442   -1228.999
 0.25000    -10.381862   -440.925485   -7.713241
-150.154346  -31.659077   -1155.416
 0.50000    -10.381862   -409.974183   -7.713241
-150.154346  -27.945013   -1081.942
 0.75000    -10.381862   -380.310029   -7.713241
-150.154346  -24.245312   -1008.468
 1.00000    -10.381862   -352.535805   -7.713241
-150.154346  -20.564805   -934.995570

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     13.730130   162.343647     2.736212
 460.867220   58.384332    3008.682
 0.25000     13.730130   186.364552     2.736212
 460.867220   60.240697    3218.484
 0.50000     13.730130   212.495302     2.736212
 460.867220   63.323454    3414.138
 0.75000     13.730130   240.230128     2.736212
 460.867220   67.617801    3598.894
 1.00000     13.730130   269.058766     2.736212
 460.867220   72.940262    3767.048

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -12.709249   -489.654400   -7.703834
-283.376151  -41.140973   -1560.821
 0.25000    -12.709249   -460.568089   -7.703834
-283.376151  -37.270684   -1474.648
 0.50000    -12.709249   -432.188577   -7.703834
-283.376151  -33.770254   -1388.570
 0.75000    -12.709249   -404.986518   -7.703834
-283.376151  -30.687706   -1302.493
 1.00000    -12.709249   -379.510832   -7.703834
-283.376151  -28.062890   -1216.418

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     16.531316   151.579511     5.070475
 412.577256   57.168921    2784.804
 0.25000     16.531316   171.606898     5.070475
 412.577256   57.403579    2988.959
 0.50000     16.531316   193.393138     5.070475
 412.577256   58.681806    3182.360
 0.75000     16.531316   216.517160     5.070475
 412.577256   61.099242    3367.869
 1.00000     16.531316   240.553790     5.070475
 412.577256   64.423119    3540.564
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1755

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -15.516051   -438.899918   -7.020174
-372.461916  -57.182375   -1616.512
 0.25000    -15.516051   -414.648049   -7.020174
-372.461916  -54.563498   -1535.820
 0.50000    -15.516051   -390.987136   -7.020174
-372.461916  -52.730891   -1455.237
 0.75000    -15.516051   -368.907812   -7.020174
-372.461916  -51.779449   -1374.730
 1.00000    -15.516051   -347.067603   -7.020174
-372.461916  -51.657312   -1294.251

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     11.707675   37.271286     6.867578
 88.623355    32.234249   544.776657
 0.25000     11.707675   37.277230     6.867578
 88.638536    28.082199   585.868551
 0.50000     11.707675   37.283771     6.867578
 88.655335    24.360148   627.103888
 0.75000     11.707675   37.290809     6.867578
 88.673397    20.939100   668.745911
 1.00000     11.707675   37.298184     6.867578
 88.692297    17.733128   710.470755

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -11.140961   -52.164485    -0.665037
-250.283152  -35.655753   -646.724914
 0.25000    -11.140961   -52.156014    -0.665037
-250.266526  -38.912533   -670.777062
 0.50000    -11.140961   -52.147796    -0.665037
-250.250576  -42.870105   -695.282753
 0.75000    -11.140961   -52.139970    -0.665037
-250.235673  -47.399428   -719.826649
 1.00000    -11.140961   -52.132673    -0.665037
-250.222234  -52.289736   -744.468635

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     19.020081   68.708487     10.490274
 128.825899   40.725757    1091.919
 0.25000     19.020081   68.714427     10.490274
 128.841044   34.737513    1179.718
 0.50000     19.020081   68.720964     10.490274
 128.857802   29.518783    1269.268
 0.75000     19.020081   68.727998     10.490274
 128.875822   24.863431    1360.890
 1.00000     19.020081   68.735367     10.490274
 128.894676   20.602964    1453.624

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -18.145304   -117.381282    -1.531653
-446.400464  -64.661728   -1229.637
 0.25000    -18.145304   -117.372816    -1.531653
-446.383890  -68.899624   -1263.371
 0.50000    -18.145304   -117.364603    -1.531653
-446.367989  -74.292733   -1299.482
 0.75000    -18.145304   -117.356781    -1.531653
-446.353134  -80.989954   -1335.667
 1.00000    -18.145304   -117.349487    -1.531653
-446.339739  -88.566896   -1371.941

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     20.123575   99.407891     9.849987
 152.302741   41.408025    1781.301
 0.25000     20.123575   99.578987     9.849987
 152.739090   35.995519    1927.739
 0.50000     20.123575   99.767267     9.849987
 153.221923   31.285125    2079.196
 0.75000     20.123575   99.969960     9.849987
 153.741083   27.127875    2235.728
 1.00000     20.123575   100.182127    9.849987
 154.284304   23.352573    2394.276
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1756

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -18.742932   -210.549640    -1.990599
-542.200012  -64.574906   -1811.216
 0.25000    -18.742932   -210.305802    -1.990599
-541.722434  -63.044657   -1839.407
 0.50000    -18.742932   -210.069236    -1.990599
-541.264267  -72.647521   -1873.836
 0.75000    -18.742932   -209.843930    -1.990599
-540.836193  -78.442135   -1908.342
 1.00000    -18.742932   -209.633853    -1.990599
-540.450225  -85.104631   -1942.920

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     21.151046   147.297567     8.889862
 266.713534   58.040259    2379.121
 0.25000     21.151046   155.882100     8.889862
 286.090632   54.833084    2583.827
 0.50000     21.151046   165.348630     8.889862
 307.627624   52.408540    2779.356
 0.75000     21.151046   175.502354     8.889862
 330.777081   50.632238    2968.310
 1.00000     21.151046   186.116761     8.889862
 354.933406   49.479007    3144.382

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -19.292307   -352.273448    -4.902349
-580.071317  -69.220411   -2099.884
 0.25000    -19.292307   -339.968415    -4.902349
-559.961881  -70.290372   -2112.764
 0.50000    -19.292307   -328.007973    -4.902349
-540.605521  -72.451482   -2135.525
 0.75000    -19.292307   -316.597197    -4.902349
-522.656202  -75.736479   -2158.313
 1.00000    -19.292307   -305.955224    -4.902349
-506.655413  -79.955926   -2181.131

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000      6.963625    37.575319     3.123643
 31.847255    6.462831    707.066225
 0.25000      6.963625    37.634721     3.123643
 31.998703    5.287170    769.503340
 0.50000      6.963625    37.700089     3.123643
 32.166287    4.385060    832.597340
 0.75000      6.963625    37.770426     3.123643
 32.346479    3.710063    898.168981
 1.00000      6.963625    37.844121     3.123643
 32.535022    3.184632    965.136359

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     -6.576722   -88.278080    -1.051209
-208.144539  -27.285849   -709.812345
 0.25000     -6.576722   -88.193422    -1.051209
-207.978800  -27.967910   -716.366660
 0.50000     -6.576722   -88.112288    -1.051209
-207.819797  -28.962883   -725.924961
 0.75000     -6.576722   -88.033063    -1.051209
-207.671239  -30.846643   -735.492464
 1.00000     -6.576722   -87.960126    -1.051209
-207.537297  -33.349391   -745.054525

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000      9.477906    88.889863     3.183189
 117.195501   18.255520    1665.517
 0.25000      9.477906    88.895807     3.183189
 117.210676   17.568113    1792.576
 0.50000      9.477906    88.902347     3.183189
 117.227468   17.201182    1931.208
 0.75000      9.477906    88.909385     3.183189
 117.245523   17.149212    2085.693
 1.00000      9.477906    88.916758     3.183189
 117.264415   17.370213    2247.562
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1757

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     -8.279978   -220.260822    -2.394716
-344.637959  -33.698258   -1482.326
 0.25000     -8.279978   -220.252352    -2.394716
-344.621342  -33.353394   -1482.358
 0.50000     -8.279978   -220.244135    -2.394716
-344.605400  -33.460481   -1490.391
 0.75000     -8.279978   -220.236310    -2.394716
-344.590505  -34.324915   -1498.412
 1.00000     -8.279978   -220.229013    -2.394716
-344.577073  -35.810772   -1506.400

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     17.441598   109.933082     7.824786
 167.405470   36.278897    1956.114
 0.25000     17.441598   109.938431     7.824786
 167.419129   32.677510    2107.332
 0.50000     17.441598   109.944317     7.824786
 167.434241   29.633287    2269.284
 0.75000     17.441598   109.950651     7.824786
 167.450490   27.052935    2445.887
 1.00000     17.441598   109.957287     7.824786
 167.467494   24.825826    2629.409

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -15.966244   -245.239318    -2.710320
-510.594722  -59.850668   -1934.926
 0.25000    -15.966244   -245.231696    -2.710320
-510.579767  -61.755689   -1944.933
 0.50000    -15.966244   -245.224300    -2.710320
-510.565419  -64.555320   -1961.991
 0.75000    -15.966244   -245.217257    -2.710320
-510.552014  -68.450572   -1979.121
 1.00000    -15.966244   -245.210690    -2.710320
-510.539925  -73.214394   -1974.909

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     21.128353   167.408565     7.423366
 319.011059   60.075982    2648.782
 0.25000     21.128353   180.274969     7.423366
 328.131874   58.674092    2886.018
 0.50000     21.128353   194.444548     7.423366
 354.035363   58.143257    3104.445
 0.75000     21.128353   209.606680     7.423366
 381.811663   58.327431    3305.618
 1.00000     21.128353   225.398783     7.423366
 409.152929   59.175355    3484.806

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -19.182698   -421.753967    -6.690354
-502.974704  -70.021994   -2235.175
 0.25000    -19.182698   -403.184425    -6.690354
-481.889926  -69.063914   -2230.209

 0.50000    -19.182698   -385.077864    -6.690354
-461.516732  -69.072877   -2236.436
 0.75000    -19.182698   -367.773908    -6.690354
-459.129534  -70.115984   -2242.710
 1.00000    -19.182698   -351.606127    -6.690354
-459.126951  -72.099540   -2231.252

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     11.565296   119.223457     1.639332
 423.509134   50.713120    1627.357
 0.25000     11.565296   135.255066     1.639332
 419.170608   53.262059    1786.067
 0.50000     11.565296   152.848683     1.639332
 414.832082   56.695642    1911.738
 0.75000     11.565296   171.591565     1.639332
 410.493556   61.007817    2003.372
 1.00000     11.565296   190.970891     1.639332
 406.155030   66.066520    2061.596
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1758

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -10.444239   -322.495584    -7.750609
-75.380702   -35.282191   -964.962977
 0.25000    -10.444239   -299.040746    -7.750609
-75.380702   -30.886453   -943.015365
 0.50000    -10.444239   -276.048017    -7.750609
-75.380702   -26.868846   -929.252345
 0.75000    -10.444239   -253.976197    -7.750609
-75.380702   -23.114550   -915.649392
 1.00000    -10.444239   -233.287537    -7.750609
-75.380702   -19.686722   -901.360733

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     14.644991   178.622229     2.245321
 529.776003   70.761292    2570.656
 0.25000     14.644991   197.230139     2.245321
 529.296019   74.355739    2792.481
 0.50000     14.644991   217.684048     2.245321
 528.816035   78.981693    2987.089
 0.75000     14.644991   239.481316     2.245321
 528.336051   84.658313    3159.411
 1.00000     14.644991   262.071114     2.245321
 527.856066   91.324823    3299.319

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -12.707329   -472.509815   -10.252402
-182.857650  -48.682647   -1683.732
 0.25000    -12.707329   -445.370967   -10.252402
-182.857650  -42.945356   -1651.020
 0.50000    -12.707329   -418.790035   -10.252402
-182.857650  -37.713554   -1630.460
 0.75000    -12.707329   -393.307361   -10.252402
-182.857650  -32.894619   -1609.115
 1.00000    -12.707329   -369.429620   -10.252402
-182.857650  -28.581105   -1583.832

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     17.720654   192.687004     3.391873
 487.841540   65.122123    2983.204
 0.25000     17.720654   209.758321     3.391873
 487.925112   67.801057    3245.781
 0.50000     17.720654   228.508237     3.391873
 488.008684   71.453018    3483.388
 0.75000     17.720654   248.530747     3.391873
 488.092257   76.019986    3699.247
 1.00000     17.720654   269.223696     3.391873
 488.175829   81.508642    3886.869

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -15.578331   -510.811241    -9.651156
-318.035566  -56.432618   -2134.948
 0.25000    -15.578331   -485.935712    -9.651156
-318.035566  -51.481348   -2109.889
 0.50000    -15.578331   -461.575630    -9.651156
-318.035566  -47.138324   -2099.960
 0.75000    -15.578331   -438.224983    -9.651156
-318.035566  -43.525356   -2090.021
 1.00000    -15.578331   -416.345919    -9.651156
-318.035566  -40.661821   -2080.031

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     21.705713   185.979523     6.491471
 449.729184   66.080551    2896.680
 0.25000     21.705713   200.211156     6.491471
 449.816261   67.350240    3114.563
 0.50000     21.705713   215.842180     6.491471
 449.903339   67.355774    3383.858
 0.75000     21.705713   232.508781     6.491471
 449.990416   69.477147    3599.718
 1.00000     21.705713   249.785306     6.491471
 450.077494   72.511374    3792.303
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <          MOVING          LOAD          >
                        1759

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -19.638110   -471.323327    -8.610329
-433.442798  -72.730865   -2287.157
 0.25000    -19.638110   -450.586040    -8.610329
-433.442798  -69.973072   -2273.169
 0.50000    -19.638110   -430.278585    -8.610329
-433.442798  -68.129536   -2272.250
 0.75000    -19.638110   -410.817728    -8.610329
-433.442798  -67.333181   -2271.318
 1.00000    -19.638110   -392.573662    -8.610329
-433.442798  -67.500581   -2270.348

 COMB      DB ------------------- MAX

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000     16.531316   162.343647     7.869160
 505.292385   63.831369    3008.682
 0.25000     16.531316   186.364552     7.869160
 505.292385   66.372604    3218.484
 0.50000     16.531316   213.239994     7.869160
 505.292385   70.222827    3414.138
 0.75000     16.531316   243.484872     7.869160
 505.292385   75.334947    3598.894
 1.00000     16.531316   274.868027     7.869160
 505.292385   81.596489    3767.048

 COMB      DB ------------------- MIN

 REL DIST          P           V2          V3
      T           M2          M3
 0.00000    -15.516051   -489.654400    -7.713241
-514.043813  -58.063595   -1616.512
 0.25000    -15.516051   -460.568089    -7.713241
-483.077210  -60.613171   -1535.820
 0.50000    -15.516051   -432.188577    -7.713241
-465.336213  -64.417679   -1455.237
 0.75000    -15.516051   -404.986518    -7.713241
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-465.308131  -69.471316  -1374.730
 1.00000  -15.516051 -379.510832   -7.713241
-465.288126  -75.651346  -1294.251

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   21.705713  192.687004   10.490274
529.776003   70.761292   2983.204
 0.25000   21.705713  209.758321   10.490274
529.296019   74.355739   3245.781
 0.50000   21.705713  228.508237   10.490274
528.816035   78.981693   3483.388
 0.75000   21.705713  248.500247   10.490274
528.336051   84.658313   3699.247
 1.00000   21.705713  269.223696   10.490274
527.856066   91.324823   3886.869

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.638110 -510.811241  -10.252402
-580.071317  -72.730865  -2287.157
 0.25000  -19.638110 -485.935712  -10.252402
-559.961881  -70.290372  -2273.169
 0.50000  -19.638110 -461.575630  -10.252402
-541.264267  -74.292733  -2272.250
 0.75000  -19.638110 -438.224983  -10.252402
-540.836193  -80.989954  -2271.318
 1.00000  -19.638110 -416.345919  -10.252402
-540.450225  -88.566896  -2270.348

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   21.705713  192.687004   10.490274
529.776003   70.761292   3008.682
 0.25000   21.705713  209.758321   10.490274
529.296019   74.355739   3245.781
 0.50000   21.705713  228.508237   10.490274
528.816035   78.981693   3483.388
 0.75000   21.705713  248.500247   10.490274
528.336051   84.658313   3699.247
 1.00000   21.705713  274.868027   10.490274
527.856066   91.324823   3886.869
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1760

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.638110 -510.811241  -10.252402
-580.071317  -72.730865  -2287.157
 0.25000  -19.638110 -485.935712  -10.252402
-559.961881  -70.290372  -2273.169
 0.50000  -19.638110 -461.575630  -10.252402
-541.264267  -74.292733  -2272.250
 0.75000  -19.638110 -438.224983  -10.252402
-540.836193  -80.989954  -2271.318
 1.00000  -19.638110 -416.345919  -10.252402
-540.450225  -88.566896  -2270.348

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   21.705713  192.687004   10.490274
529.776003   70.761292   3008.682
 0.25000   21.705713  209.758321   10.490274
529.296019   74.355739   3245.781
 0.50000   21.705713  228.508237   10.490274
528.816035   78.981693   3483.388
 0.75000   21.705713  248.500247   10.490274
528.336051   84.658313   3699.247
 1.00000   21.705713  274.868027   10.490274
527.856066   91.324823   3886.869

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -19.638110 -510.811241  -10.252402
-580.071317  -72.730865  -2287.157
 0.25000  -19.638110 -485.935712  -10.252402
-559.961881  -70.290372  -2273.169
 0.50000  -19.638110 -461.575630  -10.252402
-541.264267  -74.292733  -2272.250
 0.75000  -19.638110 -438.224983  -10.252402
-540.836193  -80.989954  -2271.318
 1.00000  -19.638110 -416.345919  -10.252402
-540.450225  -88.566896  -2270.348

 ELEM      148 ================== LENGTH
=     4.928464

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.150046   23.331769    3.993830
48.587588   15.325811   493.782593
 0.25000    8.150046   23.344033    3.993830
48.616805   12.970968   514.457786
 0.50000    8.150046   23.357177    3.993830
48.648403   10.638937   535.731375
 0.75000    8.150046   23.370990    3.993830
48.681828    8.346720   557.909905
 1.00000    8.150046   23.386626    3.993830
48.721210    6.108620   580.567111

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.782606  -23.802510   -1.502684
-122.374693  -45.777565  -397.438892
 0.25000   -7.782606  -23.786810   -1.502684
-122.335455  -46.659909  -381.153219
 0.50000   -7.782606  -23.772835   -1.502684
-122.303245  -48.201944  -364.867547
 0.75000   -7.782606  -23.759435   -1.502684
-122.272484  -50.361955  -348.581925
 1.00000   -7.782606  -23.746835   -1.502684
-122.243886  -53.091352  -332.301633

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.427542   43.751566    6.492527
79.523916   18.027908   1063.651
 0.25000   13.427542   43.763825    6.492527
79.553075   14.924849   1104.234
 0.50000   13.427542   43.776963    6.492527
79.584613   12.326765   1147.699
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1761

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000   13.427542   43.790770    6.492527
79.617979    9.778646   1194.304
 1.00000   13.427542   43.806396    6.492527
79.657285    7.296592   1243.459

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -12.756579  -56.603241   -3.631805
-237.892434  -76.481786 -746.747106
 0.25000  -12.756579  -56.587552   -3.631805
-237.853312  -76.365807 -713.051642
 0.50000  -12.756579  -56.573582   -3.631805
-237.821159  -77.619682 -679.356179
 0.75000  -12.756579  -56.560188   -3.631805
-237.790454  -80.282159 -645.660952
 1.00000  -12.756579  -56.547594   -3.631805
-237.761913  -84.173076 -611.977345

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   14.401115   60.395350    6.216935
155.986387   19.409761   1869.751
 0.25000   14.401115   60.406384    6.216935
156.012640   16.407425   1922.135
 0.50000   14.401115   60.418209    6.216935
156.041035   13.793063   1987.786
 0.75000   14.401115   60.430636    6.216935
156.071075   11.287499   2066.500
 1.00000   14.401115   60.444702    6.216935
156.106464    8.908867   2156.852

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -13.568775 -110.050541   -3.979472
-338.739110  -70.491040   -1065.936
 0.25000  -13.568775 -110.036419   -3.979472
-338.703880  -69.688116   -1012.561
 0.50000  -13.568775 -110.023845   -3.979472
-338.674932  -70.269208   -959.185996
 0.75000  -13.568775 -110.011789   -3.979472
-338.647288  -72.361817   -905.810863
 1.00000  -13.568775 -110.000453   -3.979472
-338.621590   -75.911358  -852.446301

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.164633   124.946668    6.413779
235.936699   43.427743   2762.986
 0.25000   15.164633   136.407155    6.413779
258.520594   40.980482   2849.218
 0.50000   15.164633   148.722965    6.413779
284.512447   39.199996   2934.509
 0.75000   15.164633   161.686022    6.413779
312.247183   38.034259   3023.996
 1.00000   15.164633   176.063416    6.413779
344.471379   37.238087   3113.134

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.083898 -253.663366   -5.365666
-431.555076  -66.086979   -1231.590
 0.25000  -14.083898 -239.220741   -5.365666
-400.824970  -64.536949   -1164.850
 0.50000  -14.083898 -226.093107   -5.365666
-374.032137  -64.147089   -1098.110
 0.75000  -14.083898 -213.520956   -5.365666
-353.533560   -65.008197   -1031.374
 1.00000  -14.083898 -201.726486   -5.365666
-336.811727   -67.088492  -964.668429

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.118359   24.204309    2.298493
47.186160   2.498532   788.774109
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1762

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    5.118359   24.339197    2.298493
47.507290   1.860861   811.518325
 0.50000    5.118359   24.483752    2.298493
47.854608   1.609321   840.878020
 0.75000    5.118359   24.635668    2.298493
48.222025   1.591369   873.846564
 1.00000    5.118359   24.807622    2.298493
48.654889   1.576612   910.880230

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.795005  -48.670436   -2.261594
-142.204885  -41.085314  -403.758764
 0.25000   -4.795005  -48.497787   -2.261594
-141.773775  -25.639259  -401.252767
 0.50000   -4.795005  -48.344085   -2.261594
-141.419721  -25.047404  -378.716770
 0.75000   -4.795005  -48.196712   -2.261594
-141.081593  -25.276384  -356.180781
 1.00000   -4.795005  -48.058176   -2.261594
-140.767266  -26.134413  -333.644881

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.054104   64.345046    2.618174
182.107791   13.770289   1968.227
 0.25000    7.054104   64.357307    2.618174
182.136973   13.105208   1994.712
 0.50000    7.054104   64.370447    2.618174
182.168535   12.972016   2045.559
 0.75000    7.054104   64.384257    2.618174
182.201325   13.042302   2127.199
 1.00000    7.054104   64.399887    2.618174
182.241261   13.277981   2232.104

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.343519 -133.950395   -3.088486
-280.634270  -26.819426  -860.346960
 0.25000   -6.343519 -133.934701   -3.088486
-280.595101  -24.758814  -811.150758
 0.50000   -6.343519 -133.920730   -3.088486
-280.562926  -23.476658  -761.954556
 0.75000   -6.343519 -133.907333   -3.088486
-280.532198  -23.099706  -712.764510
 1.00000   -6.343519 -133.894736   -3.088486
-280.503634  -23.630236  -663.587203

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.618935   76.829581    5.329272
199.790471   20.771338   2199.217
 0.25000   12.618935   76.840617    5.329272
199.816735   18.718467   2240.846
 0.50000   12.618935   76.852443    5.329272
199.845141   17.101078   2305.061
 0.75000   12.618935   76.864871    5.329272
199.875192   15.689096   2397.970
 1.00000   12.618935   76.878938    5.329272
199.910594   14.456027   2512.232

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.669562 -141.689994   -4.310178
-353.095380  -59.658847   -1099.143
 0.25000  -11.669562 -141.675870   -4.310178
-353.060129  -58.029610   -1040.793
 0.50000  -11.669562 -141.663296   -4.310178
-353.031171  -57.646505  -982.444033
 0.75000  -11.669562 -141.651239   -4.310178
-353.003516  -58.630249  -924.100129
 1.00000  -11.669562 -141.639902   -4.310178
-352.977808  -60.940858  -865.783332
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1763

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.267912  154.893922    6.075290
276.574745   53.837363   3170.172
 0.25000   15.267912  172.461843    6.075290
282.494875   52.115074   3278.980
 0.50000   15.267912  191.412332    6.075290
307.102438   51.268143   3375.841
 0.75000   15.267912  211.400704    6.075290
329.823974   51.358819   3464.949
 1.00000   15.267912  232.952326    6.075290
350.730217   52.047600   3543.412

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.142703 -325.429693   -6.431364
-370.297378  -58.420120   -1265.839
 0.25000  -14.142703 -303.765086   -6.431364
-349.354132  -55.887364   -1194.058
 0.50000  -14.142703 -283.497524   -6.431364
-325.907000  -54.387874   -1122.278
 0.75000  -14.142703 -264.118665   -6.431364
-313.855570  -54.034680   -1050.500
 1.00000  -14.142703 -245.995965   -6.431364
-313.855570  -54.788409  -978.776667

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    8.329462  143.840040    2.879504
293.626208   63.486479   2129.254
 0.25000    8.329462  166.237575    2.879504
293.626208   63.475122   2223.960
 0.50000    8.329462  190.593011    2.879504
293.626208   64.477994   2284.335
 0.75000    8.329462  216.386328    2.879504
293.626208   66.579339   2310.051
 1.00000    8.329462  242.643686    2.879504
293.626208   69.708071   2304.334

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.802470 -302.234867   -5.016866
-90.873169  -15.230126  -537.803947
 0.25000   -7.802470 -275.800467   -5.016866
-90.873169  -13.156653  -501.922295
 0.50000   -7.802470 -249.582527   -5.016866
-90.873169  -11.084023  -466.040643
 0.75000   -7.802470 -224.590594   -5.016866
-90.873169   -9.017446  -430.175274
 1.00000   -7.802470 -201.376368   -5.016866
-90.873169   -6.960225  -394.356297

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.630417  203.453416    3.856561
412.132393   83.926163   3343.212
 0.25000   10.630417  230.244695    3.856561
412.132393   83.926163   3452.478
 0.50000   10.630417  259.296644    3.856561
412.132393   85.319033   3536.199
 0.75000   10.630417  290.029595    3.856561
412.132393   88.106930   3602.143
 1.00000   10.630417  321.849454    3.856561
412.132393   92.165963   3646.477

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.648768 -421.284832   -6.496603
-182.289037  -22.177489  -934.927502
 0.25000   -9.648768 -389.266286   -6.496603
-182.289037  -19.379700  -874.108630
 0.50000   -9.648768 -358.049848   -6.496603
-182.289037  -16.600839  -813.289759
 0.75000   -9.648768 -328.266634   -6.496603
-182.289037  -13.840427  -752.464624
 1.00000   -9.648768 -300.539480   -6.496603
-182.289037  -11.100928  -691.763816
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1764

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.983900  199.116235    4.427745
419.420672   75.295396   3766.375
 0.25000   12.983900  223.693149    4.427745
419.420672   74.403372   3887.450
 0.50000   12.983900  250.336379    4.427745
419.420672   75.673464   3990.239
 0.75000   12.983900  278.518079    4.427745
419.420672   77.838771   4080.404
 1.00000   12.983900  307.744405    4.427745
419.420672   81.143830   4154.359

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -11.902561 -427.616719   -7.081682
-281.703570  -34.317229   -1316.369
 0.25000  -11.902561 -398.207821   -7.081682
-281.703570  -25.770141   -1140.796
 0.50000  -11.902561 -369.584850   -7.081682
-281.703570  -22.699945   -1065.224
 0.75000  -11.902561 -342.275591   -7.081682
-281.703570  -20.153738  -989.661925
 1.00000  -11.902561 -316.841922   -7.081682
-281.703570  -18.186198  -914.174475

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   15.761645  181.985386    6.005393
375.050136   66.832365   3540.466
 0.25000   15.761645  202.476292    6.005393
375.050136   65.582657   3657.516
 0.50000   15.761645  224.689786    6.005393
375.050136   65.560362   3760.100
 0.75000   15.761645  248.185858    6.005393
375.050136   66.667129   3852.814
 1.00000   15.761645  272.554510    6.005393
375.050136   68.737284   3932.760

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -14.600363 -377.511191   -7.479398
-324.235642   -53.002518   -1294.235
 0.25000  -14.600363 -352.990355   -7.479398
-324.235642   -49.683388   -1218.278
 0.50000  -14.600363 -329.126449   -7.479398
-324.235642   -47.288121   -1142.322
 0.75000  -14.600363 -306.357753   -7.479398
-324.235642   -45.932105   -1066.374
 1.00000  -14.600363 -285.152598   -7.479398
-324.235642   -45.571477  -990.499425

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.406176   37.176217    5.511045
65.251770   18.849753   711.366730
 0.25000   11.406176   37.182553    5.511045
65.266583   15.847313   731.902675
 0.50000   11.406176   37.189480    5.511045
65.282976   12.903850   752.598322
 0.75000   11.406176   37.196875    5.511045
65.300549   10.063930   773.516950
 1.00000   11.406176   37.204575    5.511045
65.318846    7.394078   794.483603

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -10.708328  -41.646475   -1.790755
-153.313113  -53.157849  -744.837090
 0.25000  -10.708328  -41.638214   -1.790755
-153.296024  -54.752554  -758.155633
 0.50000  -10.708328  -41.630228   -1.790755
-153.279640  -56.643178  -771.472714
 0.75000  -10.708328  -41.622667   -1.790755
-153.264406  -58.935790  -784.781421
 1.00000  -10.708328  -41.615672   -1.790755
-153.250724  -61.630949  -798.101431
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1765

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   18.571682   70.447670    8.222389
105.553670   22.131287   1455.158
 0.25000   18.571682   70.453701    8.222389
105.568445   18.216548   1498.579
 0.50000   18.571682   70.460624    8.222389
105.584796   14.835494   1542.439
 0.75000   18.571682   70.468015    8.222389
105.602324   11.706848   1587.221
 1.00000   18.571682   70.475709    8.222389
105.620574    8.794543   1633.212

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -17.452672  -90.420271   -3.785302
-281.652104   -89.652092   -1372.457
 0.25000  -17.452672  -90.412014   -3.785302
-281.635066   -90.787467   -1392.754
 0.50000  -17.452672  -90.404033   -3.785302
-281.618730   -92.769795   -1413.051
 0.75000  -17.452672  -90.396476   -3.785302
-281.603542   -95.882510   -1433.352
 1.00000  -17.452672  -90.389484   -3.785302
-281.589901   -99.809874   -1453.651

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   19.778325  108.613084    7.907151
166.416439   25.152646   2395.939
 0.25000   19.778325  108.795448    7.907151
166.842134   21.369392   2463.639
 0.50000   19.778325  108.994655    7.907151
167.313250   18.092758   2535.775
 0.75000   19.778325  109.207727    7.907151
167.818276   15.134084   2612.289
 1.00000   19.778325  109.429356    7.907151
168.344088   12.553290   2692.206

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.118484 -161.456603   -4.127412
-373.591407   -86.074242   -1943.372
 0.25000  -18.118484 -161.218804   -4.127412
-373.100465   -86.556554   -1964.559
 0.50000  -18.118484 -160.988920   -4.127412
-372.629783   -87.929727   -1985.770
 0.75000  -18.118484 -160.771263   -4.127412
-372.192127   -90.418968   -2006.979
 1.00000  -18.118484 -160.569874   -4.127412
-371.799086   -93.889333   -2028.160

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   20.503671  168.274613    8.001347
258.320025   52.027084   2545.402
 0.25000   20.503671  177.459332    8.001347
272.454331   49.524452   3250.453
 0.50000   20.503671  187.495240    8.001347
293.194100   47.557529   3345.702
 0.75000   20.503671  198.194179    8.001347
315.448543   45.892206   3433.311
 1.00000   20.503671  209.349727    8.001347
338.554871   44.641661   3509.673

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000  -18.374977  -285.894238   -5.937856
-453.083868  -81.599376   -2181.366
 0.25000  -18.374977  -273.925394   -5.937856
-432.131658  -81.271930   -2198.532
 0.50000  -18.374977  -262.323496   -5.937856
-411.991225  -81.680123   -2215.754
 0.75000  -18.374977  -251.325138   -5.937856
-393.325964  -83.026394   -2232.947
 1.00000  -18.374977  -241.134713   -5.937856
-376.752439  -85.194095   -2250.119
 Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                      1766

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.864674   41.403824    2.385909
51.123618    3.465404   965.770712
 0.25000    6.864674   41.467138    2.385909
51.271363    2.690667   995.454715
 0.50000    6.864674   41.536371    2.385909
51.434875    2.300619   1025.542
 0.75000    6.864674   41.610276    2.385909
51.610158    2.147706   1056.387
 1.00000    6.864674   41.687222    2.385909
51.792653    2.044044   1089.262

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.360788  -66.239613   -2.085762
-146.143444  -33.352247   -745.157369
 0.25000   -6.360788  -66.157052   -2.085762
-145.973063  -32.450867   -751.507412
 0.50000   -6.360788  -66.077239   -2.085762
-145.809712  -31.961664   -757.858103
 0.75000   -6.360788  -66.001671   -2.085762
-145.657824  -32.473901   -764.202022
 1.00000   -6.360788  -65.931750   -2.085762
-145.521421  -33.474752   -770.550117

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.346540  104.812737    2.935387
165.779703   18.370269   2248.280
 0.25000    9.346540  104.819071    2.935387
165.794510   17.654043   2299.169
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```
 0.50000     9.346540   104.825998     2.935387
165.810896    17.367003    2361.078
 0.75000     9.346540   104.833392     2.935387
165.828461    17.360559    2437.554
 1.00000     9.346540   104.841091     2.935387
165.846750    17.606743    2523.803

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.967452  -169.344578    -3.112588
-279.586681   -36.106116   -1506.435
 0.25000   -7.967452  -169.336318    -3.112588
-279.569600   -34.717476   -1514.478
 0.50000   -7.967452  -169.328333    -3.112588
-279.553225   -33.836751   -1522.545
 0.75000   -7.967452  -169.320773    -3.112588
-279.537998   -33.180820   -1530.597
 1.00000   -7.967452  -169.313778    -3.112588
-279.524323   -34.423028   -1538.608

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    17.108231   124.360084     6.460921
196.846451    26.650351    2630.768
 0.25000    17.108231   124.365785     6.460921
196.859778    24.119338    2694.966
 0.50000    17.108231   124.372019     6.460921
196.874525    22.051705    2769.056
 0.75000    17.108231   124.378674     6.460921
196.890334    20.286714    2856.540
 1.00000    17.108231   124.385603     6.460921
196.906794    18.851193    2952.930

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.354807  -188.754198    -4.382008
-375.042077   -74.139465   -1975.164
 0.25000   -15.354807  -188.746764    -4.382008
-375.026704   -73.881112   -1983.785
 0.50000   -15.354807  -188.739178    -4.382008
-375.011967   -73.986714   -1992.428
 0.75000   -15.354807  -188.732774    -4.382008
-374.998263   -75.352256   -2008.472
 1.00000   -15.354807  -188.726478    -4.382008
-374.985955   -77.617361   -2025.435
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1767

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    20.364577   193.642889     7.176932
277.394344    62.030903    3485.268
 0.25000    20.364577   207.457386     7.176932
287.497100    60.833259    3612.887
 0.50000    20.364577   222.540354     7.176932
311.724378    60.226095    3720.851
 0.75000    20.364577   238.563070     7.176932
337.793504    61.057903    3810.622
 1.00000    20.364577   255.196669     7.176932
364.532936    60.292744    3879.611

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.152651  -345.928240    -7.132121
-407.719600   -73.989159   -2231.265
 0.25000   -18.152651  -327.934957    -7.132121
-385.027585   -72.528089   -2237.402
 0.50000   -18.152651  -310.437175    -7.132121
-363.029623   -71.715752   -2243.612
 0.75000   -18.152651  -293.800646    -7.132121
-342.846604   -71.779325   -2255.946
 1.00000   -18.152651  -278.363305    -7.132121
-341.829392   -72.588710   -2269.120

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    10.744284   142.193955     3.102371
306.661571    68.253775    2060.287
 0.25000    10.744284   159.526984     3.102371
302.568823    69.576249    2159.984
 0.50000    10.744284   178.418966     3.102371
298.230196    71.430453    2226.644
 0.75000    10.744284   198.422159     3.102371
293.891570    73.923784    2258.988
 1.00000    10.744284   219.019893     3.102371
289.552943    76.947243    2257.640

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    -9.562356  -276.865050    -6.170416
-110.274954   -21.563197   -901.012245
 0.25000    -9.562356  -254.307608    -6.170416
-110.520833   -19.584245   -898.311088
 0.50000    -9.562356  -232.207544    -6.170416
-110.520833   -17.611182   -896.785082
 0.75000    -9.562356  -211.102678    -6.170416
-110.520833   -15.637188   -894.732456
 1.00000    -9.562356  -191.461888    -6.170416
-110.520833   -13.667829   -892.937235

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    13.602072   216.293066     4.335234
417.594418    94.424018    3297.882
 0.25000    13.602072   236.389654     4.335234
417.114441    96.214047    3421.610
 0.50000    13.602072   258.292724     4.335234
416.634446    98.595749    3517.559
 0.75000    13.602072   281.512607     4.335234
416.154450   101.666636    3590.230
 1.00000    13.602072   305.456314     4.335234
415.674455   105.282107    3632.351

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -11.551533  -399.322006    -8.079651
-216.265629   -31.129384   -1583.383
 0.25000   -11.551533  -373.162974    -8.079651
-216.265629   -28.619547   -1579.274
 0.50000   -11.551533  -347.593746    -8.079651
-216.265629   -26.131003   -1575.181
 0.75000   -11.551533  -323.198280    -8.079651
-216.265629   -23.656759   -1570.978
 1.00000   -11.551533  -300.498648    -8.079651
-216.265629   -21.191364   -1568.965
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1768

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    16.804029   229.959790     4.915141
416.270714    84.526768    3886.029
 0.25000    16.804029   248.384815     4.915141
416.354286    85.587497    4027.914
 0.50000    16.804029   268.466230     4.915141
416.437860    87.254438    4144.495
 0.75000    16.804029   289.757607     4.915141
416.521435    89.578553    4238.090
 1.00000    16.804029   311.716874     4.915141
416.605009    92.607684    4304.820

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -14.475197  -423.869925    -8.301967
-307.031226   -42.787615   -2079.668
 0.25000   -14.475197  -399.887260    -8.301967
-307.031226   -39.775898   -2082.886
 0.50000   -14.475197  -376.449945    -8.301967
-307.031226   -36.927619   -2086.157
 0.75000   -14.475197  -354.091792    -8.301967
-307.031226   -34.604412   -2089.386
 1.00000   -14.475197  -333.288996    -8.301967
-307.031226   -32.790371   -2092.608

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    20.787911   217.541443     6.877130
382.007304    75.611170    3792.186
 0.25000    20.787911   232.901468     6.877130
382.094381    75.304518    3927.698
 0.50000    20.787911   249.642348     6.877130
382.181461    75.744991    4042.145
 0.75000    20.787911   267.392003     6.877130
382.268540    76.885886    4137.659
 1.00000    20.787911   285.698586     6.877130
382.355619    78.681400    4211.116

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.464592  -387.620718    -8.478460
-361.228856   -69.650515   -2270.204
 0.25000   -18.464592  -367.627084    -8.478460
-361.228856   -67.232329   -2272.739
 0.50000   -18.464592  -348.088733    -8.478460
-361.228856   -65.380674   -2277.089
 0.75000   -18.464592  -329.450127    -8.478460
-361.228856   -64.392073   -2281.403
 1.00000   -18.464592  -312.108164    -8.478460
-361.228856   -64.121807   -2284.824

 COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    15.761645   203.453416     6.492527
419.420672    83.831430    3766.375
 0.25000    15.761645   230.244695     6.492527
419.420672    83.926163    3887.450
 0.50000    15.761645   259.296644     6.492527
419.420672    85.319033    3990.239
 0.75000    15.761645   290.029595     6.492527
419.420672    88.106930    4080.404
 1.00000    15.761645   321.847954     6.492527
419.420672    92.165963    4154.359

 COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -14.600363  -427.616719    -7.479398
-431.555076   -76.481786   -1294.235
 0.25000   -14.600363  -398.207821    -7.479398
-400.824970   -76.365807   -1218.278
 0.50000   -14.600363  -369.584810    -7.479398
-374.032137   -77.619682   -1142.322
 0.75000   -14.600363  -342.275591    -7.479398
-353.533560   -80.282159   -1066.374
 1.00000   -14.600363  -316.841922    -7.479398
-352.977808   -84.173076   -990.499425
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1769

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    20.787911   229.959790     8.222389
417.594418    94.424018    3886.029
 0.25000    20.787911   248.384815     8.222389
417.114441    96.214047    4027.914
 0.50000    20.787911   268.466230     8.222389
416.634446    98.595749    4144.495
 0.75000    20.787911   289.757607     8.222389
416.521435   101.666636    4238.090
 1.00000    20.787911   311.716874     8.222389
416.605009   105.282107    4304.820

 COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.464592  -423.869925    -8.478460
-453.083868   -89.652092   -2270.204
 0.25000   -18.464592  -399.887260    -8.478460
-432.131658   -90.787467   -2272.739
 0.50000   -18.464592  -376.449945    -8.478460
-411.991225   -92.769795   -2277.089
 0.75000   -18.464592  -354.091792    -8.478460
-393.325964   -95.882510   -2281.403
 1.00000   -18.464592  -333.288996    -8.478460
-376.752439   -99.809874   -2284.824

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    20.787911   229.959790     8.222389
419.420672    94.424018    3886.029
 0.25000    20.787911   248.384815     8.222389
419.420672    96.214047    4027.914
 0.50000    20.787911   268.466230     8.222389
419.420672    98.595749    4144.495
 0.75000    20.787911   290.029595     8.222389
419.420672   101.666636    4238.090
 1.00000    20.787911   321.847954     8.222389
419.420672   105.282107    4304.820

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.464592  -427.616719    -8.478460
-453.083868   -89.652092   -2270.204
 0.25000   -18.464592  -399.887260    -8.478460
-432.131658   -90.787467   -2272.739
 0.50000   -18.464592  -376.449945    -8.478460
-411.991225   -92.769795   -2277.089
 0.75000   -18.464592  -354.091792    -8.478460
-393.325964   -95.882510   -2281.403
 1.00000   -18.464592  -333.288996    -8.478460
-376.752439   -99.809874   -2284.824

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    20.787911   229.959790     8.222389
419.420672    94.424018    3886.029
 0.25000    20.787911   248.384815     8.222389
419.420672    96.214047    4027.914
 0.50000    20.787911   268.466230     8.222389
419.420672    98.595749    4144.495
 0.75000    20.787911   290.029595     8.222389
419.420672   101.666636    4238.090
 1.00000    20.787911   321.847954     8.222389
419.420672   105.282107    4304.820

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -18.464592  -427.616719    -8.478460
-453.083868   -89.652092   -2270.204
 0.25000   -18.464592  -399.887260    -8.478460
-432.131658   -90.787467   -2272.739
 0.50000   -18.464592  -376.449945    -8.478460
-411.991225   -92.769795   -2277.089
 0.75000   -18.464592  -354.091792    -8.478460
-393.325964   -95.882510   -2281.403
 1.00000   -18.464592  -333.288996    -8.478460
-376.752439   -99.809874   -2284.824

Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1770

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      149 ================== LENGTH
=     4.927654

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.766086   21.604947     2.621215
40.849380    7.009024   580.844731
 0.25000    7.766086   21.617418     2.621215
40.878993    5.349053   581.667475
 0.50000    7.766086   21.630746     2.621215
40.910432    3.718483   583.216423
 0.75000    7.766086   21.644712     2.621215
40.943706    4.309325   585.464195
 1.00000    7.766086   21.660457     2.621215
40.982920    5.591774   588.331540

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.321364  -17.384191    -3.026206
-42.500201   -53.816500  -332.254606
 0.25000   -7.321364  -17.368440    -3.026206
-42.460986   -52.561508  -316.168136
 0.50000   -7.321364  -17.354463    -3.026206
-42.427711   -51.913143  -342.473107
 0.75000   -7.321364  -17.341117    -3.026206
-42.396271   -51.962485  -368.844132
 1.00000   -7.321364  -17.328622    -3.026206
-42.367258   -52.618944  -395.226887

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    12.771597   42.422053     4.856384
103.682426    8.395284    1243.934
 0.25000    12.771597   42.434518     4.856384
103.711380    6.559007    1243.473
 0.50000    12.771597   42.447840     4.856384
103.742761    4.768947    1245.055
 0.75000    12.771597   42.461799     4.856384
103.775976    5.235866    1250.400
 1.00000    12.771597   42.477535     4.856384
103.815115    6.590036    1257.930

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -12.000695  -37.167490    -5.511585
-106.294067   -85.277343  -611.908034
 0.25000   -12.000695  -37.151750    -5.511585
-106.254928   -82.716799  -577.185171
 0.50000   -12.000695  -37.137778    -5.511585
-106.221712   -81.479510  -626.114971
 0.75000   -12.000695  -37.124438    -5.511585
-106.190331   -81.766146  -676.085568
 1.00000   -12.000695  -37.111949    -5.511585
-106.161377   -83.363836  -726.058982

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    13.669791   77.362439     4.898791
202.412662    10.200455    2157.310
 0.25000    13.669791   77.373658     4.898791
202.438731    7.840111    2143.890
 0.50000    13.669791   77.385649     4.898791
202.466984    5.702174    2141.853
 0.75000    13.669791   77.398214     4.898791
202.496889    6.459349    2153.756
 1.00000    13.669791   77.412378     4.898791
202.532127    8.579417    2177.514

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -12.766083  -74.966491    -5.577874
-205.174884   -81.816392  -852.401928
 0.25000   -12.766083  -74.952323    -5.577874
-205.139645   -74.001454  -798.901658
 0.50000   -12.766083  -74.939748    -5.577874
-205.109740   -72.670521  -863.235738
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1771

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000   -12.766083  -74.927741    -5.577874
-205.081486   -72.977965  -935.174362
 1.00000   -12.766083  -74.916499    -5.577874
-205.055417   -74.788410   -1007.115

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    14.369881   155.394497     5.798780
243.777699    38.812242    3113.491
 0.25000    14.369881   167.062946     5.798780
266.562779    36.219384    3118.057
 0.50000    14.369881   179.565466     5.798780
291.820158    34.085575    3119.491
 0.75000    14.369881   192.684314     5.798780
318.509101    34.976559    3128.865
 1.00000    14.369881   207.175253     5.798780
350.465303    37.259400    3136.109

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -13.251346  -207.121116    -6.267018
-352.354941   -68.255571  -964.664176
 0.25000   -13.251346  -192.625286    -6.267018
-320.429072   -65.301585  -900.172849
 0.50000   -13.251346  -179.495175    -6.267018
-293.740386   -64.130252  -968.106139
 0.75000   -13.251346  -166.975173    -6.267018
-268.483688   -64.958187   -1051.831
 1.00000   -13.251346  -155.282805    -6.267018
-245.787068   -67.038899   -1135.569

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.840633   29.453621     2.209115
92.031644    1.525198   911.046612
 0.25000    4.840633   29.590774     2.209115
92.350523    1.481760   906.512900
 0.50000    4.840633   29.737355     2.209115
92.696096    1.440748   905.078251
 0.75000    4.840633   29.890951     2.209115
93.061854    1.406124   910.452963
 1.00000    4.840633   30.064106     2.209115
93.492880    1.373560   919.177931

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.510660  -31.059628    -2.443242
-94.418808  -26.416673  -333.633224
 0.25000   -4.510660  -30.886418    -2.443242
-93.987784  -25.103255  -310.154181
 0.50000   -4.510660  -30.732695    -2.443242
-93.622017  -24.481283  -335.859580
 0.75000   -4.510660  -30.585916    -2.443242
-93.276436  -24.769589  -364.642203
 1.00000   -4.510660  -30.448493    -2.443242
-92.957556  -25.726349  -393.424939

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.655431   92.400281     2.783634
233.917323   13.719872    2232.257
 0.25000    6.655431   92.412748     2.783634
233.946300   12.773793    2197.863
 0.50000    6.655431   92.426073     2.783634
233.977704   12.127095    2185.428
 0.75000    6.655431   92.440035     2.783634
234.010943   12.569617    2205.756
 1.00000    6.655431   92.455774     2.783634
234.050112   13.700868    2248.566

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.964647  -95.960051    -3.042500
-235.134148   -23.895447   -663.609480
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1772

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -5.964647  -95.944307    -3.042500
-235.094979   -22.103599   -615.181144
 0.50000   -5.964647  -95.930333    -3.042500
-235.061739   -21.459100   -661.589872
 0.75000   -5.964647  -95.916991    -3.042500
-235.030335   -21.949444   -720.380223
 1.00000   -5.964647  -95.904499    -3.042500
-235.001357   -23.340377   -779.170584

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    11.961463   100.886074     4.661375
247.642871   15.700217    2512.584
 0.25000    11.961463   100.897294     4.661375
247.668950   13.840456    2482.327
 0.50000    11.961463   100.909286     4.661375
247.697214   12.283250    2472.209
 0.75000    11.961463   100.921852     4.661375
247.727129   12.678725    2492.325
 1.00000    11.961463   100.936017     4.661375
247.762381   14.369504    2533.364

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -10.975660  -100.407477    -5.201253
-249.300531   -61.714186   -807.893562
 0.25000   -10.975660  -100.393307    -5.201253
-249.865279   -59.049479   -807.770231
 0.50000   -10.975660  -100.380730    -5.201253
-249.835363   -57.943726   -871.198925
 0.75000   -10.975660  -100.368722    -5.201253
-249.807099   -58.452094   -945.779384
 1.00000   -10.975660  -100.357480    -5.201253
-249.781019   -60.310664   -1020.360

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    14.441189   192.048318     6.260505
260.977875   53.742992    3543.557
 0.25000    14.441189   209.967606     6.260505
267.083930   51.207954    3564.748
 0.50000    14.441189   229.234701     6.260505
291.606038   49.411383    3571.305
 0.75000    14.441189   249.489348     6.260505
314.270923   50.049420    3575.424
 1.00000    14.441189   271.239094     6.260505
335.175337   52.254058    3566.454

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -13.307650  -272.828967    -6.547295
-336.412781   -56.038697   -978.792702
 0.25000   -13.307650  -251.071262    -6.547295
-315.510000   -53.019368   -910.058915
 0.50000   -13.307650  -230.798433    -6.547295
-292.849302   -51.836160   -976.843375
 0.75000   -13.307650  -211.502983    -6.547295
-268.335441   -52.958504   -1063.455
 1.00000   -13.307650  -193.544944    -6.547295
-262.209711   -55.207485   -1149.965

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.843681   170.265947     4.197399
190.940059   70.850182    2303.786
 0.25000    7.843681   193.194696     4.197399
190.940059   69.034424    2355.860
 0.50000    7.843681   218.031261     4.197399
190.940059   68.256786    2372.277
 0.75000    7.843681   244.234170     4.197399
190.940059   68.678700    2359.553
 1.00000    7.843681   270.805322     4.197399
190.940059   70.140368    2312.433
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06~S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   1773

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.341744  -273.910215    -3.900107
-189.953963   -8.051926  -394.394719
 0.25000   -7.341744  -247.327773    -3.900107
-189.953963   -6.654198  -362.958055
 0.50000   -7.341744  -221.099316    -3.900107
-189.953963   -6.109051  -384.355392
 0.75000   -7.341744  -196.222612    -3.900107
-189.953963   -7.308918  -421.875139
 1.00000   -7.341744  -173.239185    -3.900107
-189.953963   -8.510804  -459.408429

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    10.006384   248.138239     5.438181
296.883432   93.701495    3645.932
 0.25000    10.006384   275.535241     5.438181
296.883432   91.465798    3683.131
 0.50000    10.006384   305.135235     5.438181
296.883432   90.545532    3697.595
 0.75000    10.006384   336.333166     5.438181
296.883432   91.094875    3690.243
 1.00000    10.006384   368.505317     5.438181
296.883432   92.936229    3661.717

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.076438  -373.787589    -5.109307
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-295.816060  -12.442251  -691.838435
 0.25000     -9.076438  -341.602305     -5.109307
-295.816060  -10.518152  -637.555872
 0.50000     -9.076438  -310.374684     -5.109307
-295.816060  -10.099117  -676.711560
 0.75000     -9.076438  -280.728109     -5.109307
-295.816060  -11.822777  -741.611541
 1.00000     -9.076438  -253.267534     -5.109307
-295.816060  -13.561503  -806.531653

 COMB DB-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.227446  251.604056     5.968391
353.100403   82.699830    4153.951
 0.25000    12.227446  276.733887     5.968391
353.100403   79.992361    4182.776
 0.50000    12.227446  303.877329     5.968391
353.100403   78.618222    4190.300
 0.75000    12.227446  332.483277     5.968391
353.100403   79.467875    4192.700
 1.00000    12.227446  362.032164     5.968391
353.100403   81.998161    4175.428

 COMB DB-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.197253 -368.762786     -5.825407
-352.790089  -19.389517  -914.243039
 0.25000   -11.197253 -339.201896     -5.825407
-352.790089  -17.847031  -824.416681
 0.50000   -11.197253 -310.568785     -5.825407
-352.790089  -15.936916  -900.883188
 0.75000   -11.197253 -283.382742     -5.825407
-352.790089  -17.494455  -984.847020
 1.00000   -11.197253 -258.194761     -5.825407
-352.790089  -19.598756   -1068.830

 COMB DB-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    14.889497  224.854976     6.844747
333.316937   70.994050    3932.599
 0.25000    14.889497  245.806834     6.844747
333.316937   67.791544    3957.293
 0.50000    14.889497  268.437296     6.844747
333.316937   66.211233    3964.461
 0.75000    14.889497  292.287006     6.844747
333.316937   66.890272    3968.007
 1.00000    14.889497  316.924528     6.844747
333.316937   69.137719    3955.724
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1774

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -13.735750  -320.090763     -6.965300
-333.980804  -46.972041  -990.530350
 0.25000   -13.735750  -295.443227     -6.965300
-333.980804  -43.829646  -918.527619
 0.50000   -13.735750  -271.570880     -6.965300
-333.980804  -42.586570  -984.345684
 0.75000   -13.735750  -248.904906     -6.965300
-333.980804  -44.013493   -1073.150
 1.00000   -13.735750  -227.904570     -6.965300
-333.980804  -46.443023   -1161.970

 COMB DL-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.913248   38.894681     3.482468
73.697642     8.556168   794.822693
 0.25000    10.913248   38.901348     3.482468
73.711856     7.017971   789.632578
 0.50000    10.913248   38.908591     3.482468
73.727632     5.811667   784.507728
 0.75000    10.913248   38.916295     3.482468
73.744563     5.801613   779.389902
 1.00000    10.913248   38.924284     3.482468
73.762216     6.608453   774.594453

 COMB DL-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -10.170664  -30.340313     -3.727703
-67.778970  -67.708722  -796.280326
 0.25000   -10.170664  -30.332298     -3.727703
-67.761332  -61.126913  -802.737897
 0.50000   -10.170664  -30.324570     -3.727703
-67.744409  -60.128046  -807.200254
 0.75000   -10.170664  -30.317285     -3.727703
-67.728636  -59.824713  -811.655737
 1.00000   -10.170664  -30.310577     -3.727703
-67.714418  -60.359645  -816.118582

 COMB DL-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    17.785481   77.777235     5.882505
147.403777   10.111215    1633.793
 0.25000    17.785481   77.783898     5.882505
147.417951    8.355962    1624.159
 0.50000    17.785481   77.791137     5.882505
147.433683    6.982373    1614.773
 0.75000    17.785481   77.798837     5.882505
147.450568    6.901723    1605.653
 1.00000    17.785481   77.806820     5.882505
147.468172    7.791511    1597.111

 COMB DL-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -16.586647  -63.172356     -6.206049
-138.991280 -101.047595   -1453.911
 0.25000   -16.586647  -63.164346     -6.206049
-138.973690  -98.609247   -1462.308
 0.50000   -16.586647  -63.156623     -6.206049
-138.956814  -97.144331   -1470.710
 0.75000   -16.586647  -63.149341     -6.206049
-138.941084  -97.059373   -1479.110
 1.00000   -16.586647  -63.142638     -6.206049
-138.926907  -98.249540   -1487.513

 COMB DL-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.003622  133.771979     5.970726
230.465253   13.822452    2692.804
 0.25000    19.003622  133.963895     5.970726
230.873651   11.710961    2674.554
 0.50000    19.003622  134.172408     5.970726
231.326961   10.157489    2659.797
 0.75000    19.003622  134.394179     5.970726
231.813476   10.242947    2649.329
 1.00000    19.003622  134.624128     5.970726
232.320712   11.556580    2642.612
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1775

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.264830  -115.682198     -6.206625
-224.688222  -94.895718   -2028.394
 0.25000   -17.264830  -115.451495     -6.206625
-224.181405  -92.374861   -2040.467
 0.50000   -17.264830  -115.229037     -6.206625
-223.695129  -91.009231   -2052.540
 0.75000   -17.264830  -115.019307     -6.206625
-223.241908  -91.057164   -2064.631
 1.00000   -17.264830  -114.826239     -6.206625
-222.833419  -92.529987   -2076.691

 COMB DL-G1-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.584051  204.559188     7.002085
277.944744   46.435821    3510.030
 0.25000    19.584051  214.246174     7.002085
295.508694   44.322022    3511.095
 0.50000    19.584051  224.768070     7.002085
315.167462   42.798989    3501.342
 0.75000    19.584051  235.938645     7.002085
336.319935   42.668615    3483.445
 1.00000    19.584051  247.496989     7.002085
358.302878   43.682417    3454.916

 COMB DL-G1-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.395344 -227.240755     -7.045104
-353.760791  -86.710375   -2250.243
 0.25000   -17.395344 -215.642316     -7.045104
-331.798028  -84.326709   -2263.951
 0.50000   -17.395344 -204.436074     -7.045104
-310.681094  -83.105640   -2277.700
 0.75000   -17.395344 -193.853476     -7.045104
-291.007076  -83.302979   -2291.458
 1.00000   -17.395344 -184.106500     -7.045104
-273.443216  -84.696895   -2305.138

 COMB DL-G2-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     6.599369   52.051682     2.357052
93.787021    1.996183    1089.500
 0.25000     6.599369   52.118316     2.357052
93.928764    1.822854    1083.745
 0.50000     6.599369   52.190710     2.357052
94.086085    1.767820    1078.980
 0.75000     6.599369   52.267706     2.357052
94.254937    1.717590    1074.200
 1.00000     6.599369   52.347541     2.357052
94.430979    1.834079    1070.390

 COMB DL-G2-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.065599  -45.895698     -2.398487
-92.563630  -33.465755  -770.611945
 0.25000    -6.065599  -45.815602     -2.398487
-92.327734  -32.527811  -775.318433
 0.50000    -6.065599  -45.738367     -2.398487
-92.218965  -32.022663  -780.020746
 0.75000    -6.065599  -45.665551     -2.398487
-92.061669  -32.424759  -784.738904
 1.00000    -6.065599  -45.598519     -2.398487
-91.919900  -33.319015  -789.448687

 COMB DL-G2-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     9.010262  137.409336     3.194455
223.010563   17.945373    2524.035
 0.25000     9.010262  137.416003     3.194455
223.072971   17.111656    2497.530
 0.50000     9.010262  137.423245     3.194455
223.088740   16.666779    2480.951
 0.75000     9.010262  137.430949     3.194455
223.105663   16.764227    2478.950
 1.00000     9.010262  137.439936     3.194455
223.123308   17.357255    2486.791
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1776

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -7.602877 -124.830181     -3.127850
-222.109739  -34.471828   -1538.640
 0.25000    -7.602877 -124.822167     -3.127850
-222.092109  -33.381371   -1548.221
 0.50000    -7.602877 -124.814440     -3.127850
-222.075193  -33.009880   -1557.793
 0.75000    -7.602877 -124.807156     -3.127850
-222.059428  -33.479360   -1567.398
 1.00000    -7.602877 -124.800449     -3.127850
-222.045217  -34.588732   -1576.961

 COMB DL-G2-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    16.434489  156.078250     5.495229
261.537782   20.027207    2953.404
 0.25000    16.434489  156.084250     5.495229
261.550569   18.290622    2925.410
 0.50000    16.434489  156.090768     5.495229
261.564761   17.044049    2906.390
 0.75000    16.434489  156.097701     5.495229
261.579992   17.001732    2900.492
 1.00000    16.434489  156.104890     5.495229
261.595873   18.046294    2903.728

 COMB DL-G2-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -14.616715 -137.668297     -5.596530
-256.495742  -78.464157   -2025.593
 0.25000   -14.616715 -137.661085     -5.596530
-256.479875  -76.286463   -2037.870
 0.50000   -14.616715 -137.654130     -5.596530
-256.464651  -75.196068   -2050.154
 0.75000   -14.616715 -137.647574     -5.596530
-256.450462  -75.446499   -2062.464
 1.00000   -14.616715 -137.641538     -5.596530
-256.437672  -76.940902   -2074.733

 COMB DL-G2-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.386854  236.106179     7.299223
276.799331   62.277238    3879.759
 0.25000    19.386854  250.739380     7.299223
285.504124   60.295785    3895.955
 0.50000    19.386854  266.604664     7.299223
307.679223   58.875212    3891.442
 0.75000    19.386854  283.414833     7.299223
331.666923   58.649834    3868.278
 1.00000    19.386854  300.751715     7.299223
356.422091   59.477700    3824.462

 COMB DL-G2-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.125966 -280.730491     -7.185937
-354.649211  -74.254174   -2269.151
 0.25000   -17.125966 -263.330946     -7.185937
-329.929578  -72.070168   -2283.212
 0.50000   -17.125966 -246.464688     -7.185937
-305.967331  -70.987889   -2297.389
 0.75000   -17.125966 -230.499471     -7.185937
-283.806067  -71.366898   -2311.488
 1.00000   -17.125966 -215.769411     -7.185937
-275.090158  -72.775183   -2325.640

 COMB DL-G3-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    10.036870  167.519687     4.779929
198.127589   78.655436    2257.162
 0.25000    10.036870  186.024488     4.779929
197.676479   77.296596    2302.784
 0.50000    10.036870  206.035561     4.779929
196.092727   76.483978    2314.742
 0.75000    10.036870  227.143595     4.779929
193.302918   76.328280    2292.133
 1.00000    10.036870  248.777515     4.779929
189.383932   76.717135    2235.827
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1777

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -8.859298 -241.559152     -4.446749
-193.786069  -15.340553  -892.761540
 0.25000    -8.859298 -219.834950     -4.446749
-197.672874  -14.681378  -898.746227
 0.50000    -8.859298 -198.643837     -4.446749
-200.427029  -14.332530  -904.849650
 0.75000    -8.859298 -178.493198     -4.446749
-201.975141  -14.627941  -910.843620
 1.00000    -8.859298 -159.854583     -4.446749
-202.394069  -14.923996  -917.089249

 COMB DL-G3-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.740300  259.774565     6.406742
307.531617  107.537717    3631.811
 0.25000    12.740300  281.195179     6.406742
307.531617  105.937676    3663.400
 0.50000    12.740300  304.354643     6.406742
307.511755  104.927543    3666.191
 0.75000    12.740300  328.812775     6.406742
307.046259  104.643569    3644.804
 1.00000    12.740300  353.920377     6.406742
306.566342  104.943715    3594.424

 COMB DL-G3-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -10.699956 -341.276859     -5.939907
-312.293692  -23.322944   -1568.739
 0.25000   -10.699956 -316.067098     -5.939907
-312.773608  -22.448867   -1579.048
 0.50000   -10.699956 -291.510284     -5.939907
-313.233662  -22.123771   -1589.525
 0.75000   -10.699956 -268.015529     -5.939907
-313.248083  -22.602521   -1599.830
 1.00000   -10.699956 -246.625716     -5.939907
-313.248083  -23.100533   -1611.579

 COMB DL-G3-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    15.881142  283.497792     6.912715
353.395750   94.587023    4304.481
 0.25000    15.881142  303.131988     6.912715
353.395750   92.635263    4330.385
 0.50000    15.881142  324.360844     6.912715
353.396856   91.442943    4329.466
 0.75000    15.881142  346.783029     6.912715
353.480229   91.362282    4305.367
 1.00000    15.881142  369.805060     6.912715
353.563789   92.184647    4254.360

 COMB DL-G3-3 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -13.542969 -352.955723     -6.493432
-357.773602  -34.535710   -2092.436
 0.25000   -13.542969 -329.840314     -6.493432
-357.690042  -33.077251   -2105.920
 0.50000   -13.542969 -307.327974     -6.493432
-357.607587  -32.455682   -2119.537
 0.75000   -13.542969 -285.953522     -6.493432
-357.607400  -33.128944   -2133.055
 1.00000   -13.542969 -266.186610     -6.493432
-357.607400  -34.278014   -2146.693

 COMB DL-G3-4 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.734437  265.006503     7.916847
348.987415   78.693269    4229.152
 0.25000    19.734437  281.374397     7.916847
348.987415   78.693269    4229.149
 0.50000    19.734437  299.071695     7.916847
348.988690   77.278908    4224.943
 0.75000    19.734437  317.763899     7.916847
349.075436   77.139137    4201.411
 1.00000    19.734437  336.950512     7.916847
349.162501   78.004218    4155.632
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1778

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.370045 -317.257614     -7.670328
-349.788478  -65.975761   -2284.772
 0.25000   -17.370045 -297.987366     -7.670328
-349.701413  -63.959465   -2299.191
 0.50000   -17.370045 -279.220014     -7.670328
-349.615622  -62.963628   -2313.712
 0.75000   -17.370045 -261.401355     -7.670328
-349.615303  -63.522629   -2333.260
 1.00000   -17.370045 -244.922836     -7.670328
-349.615303  -64.918973   -2353.389

 COMB      DB ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    14.889497  251.604056     6.844747
353.100403   93.701495    4153.951
 0.25000    14.889497  276.733887     6.844747
353.100403   90.994026    4182.776
 0.50000    14.889497  305.135235     6.844747
353.100403   90.545532    4190.300
 0.75000    14.889497  336.333166     6.844747
353.100403   91.094875    4192.700
 1.00000    14.889497  368.505317     6.844747
353.100403   92.936229    4175.438

 COMB      DB ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -13.735750 -373.787589     -6.965300
-352.790089  -85.277343  -990.530350
 0.25000   -13.735750 -341.602305     -6.965300
-352.790089  -82.716799  -918.527619
 0.50000   -13.735750 -310.568785     -6.965300
-352.790089  -81.479510  -984.345684
 0.75000   -13.735750 -283.382742     -6.965300
-352.790089  -81.766146   -1073.150
 1.00000   -13.735750 -258.194761     -6.965300
-352.790089  -83.363836   -1161.970

 COMB      DL ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.734437  283.497792     7.916847
353.395750  107.537717    4304.481
 0.25000    19.734437  303.131988     7.916847
353.395750  105.937676    4330.385
 0.50000    19.734437  324.360844     7.916847
353.396856  104.927543    4329.466
 0.75000    19.734437  346.783029     7.916847
353.480229  104.643569    4305.367
 1.00000    19.734437  369.805060     7.916847
353.563789  104.943715    4254.360

 COMB      DL ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.395344 -352.955723     -7.670328
-357.773602 -101.047595   -2284.772
 0.25000   -17.395344 -329.840314     -7.670328
-357.690042  -98.609247   -2299.191
 0.50000   -17.395344 -307.327974     -7.670328
-357.607587  -97.144331   -2313.712
 0.75000   -17.395344 -285.953522     -7.670328
-357.607400  -97.059373   -2333.260
 1.00000   -17.395344 -266.186610     -7.670328
-357.607400  -98.249540   -2353.389

 COMB      CAR ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.734437  283.497792     7.916847
353.395750  107.537717    4304.481
 0.25000    19.734437  303.131988     7.916847
353.395750  105.937676    4330.385
 0.50000    19.734437  324.360844     7.916847
353.396856  104.927543    4329.466
 0.75000    19.734437  346.783029     7.916847
353.480229  104.643569    4305.367
 1.00000    19.734437  369.805060     7.916847
358.302878  104.943715    4254.360

 COMB      CAR ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.395344 -352.955723     -7.670328
-357.773602 -101.047595   -2284.772
 0.25000   -17.395344 -329.840314     -7.670328
-357.690042  -98.609247   -2299.191
 0.50000   -17.395344 -307.327974     -7.670328
-357.607587  -97.144331   -2313.712
 0.75000   -17.395344 -285.953522     -7.670328
-357.607400  -97.059373   -2333.260
 1.00000   -17.395344 -266.186610     -7.670328
-357.607400  -98.249540   -2353.389

 COMB      DESIGN ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    19.734437  283.497792     7.916847
353.395750  107.537717    4304.481
 0.25000    19.734437  303.131988     7.916847
353.395750  105.937676    4330.385
 0.50000    19.734437  324.360844     7.916847
353.396856  104.927543    4329.466
 0.75000    19.734437  346.783029     7.916847
353.480229  104.643569    4305.367
 1.00000    19.734437  369.805060     7.916847
358.302878  104.943715    4254.360

 COMB      DESIGN ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -17.395344 -373.787589     -7.670328
-357.773602 -101.047595   -2284.772
 0.25000   -17.395344 -341.602305     -7.670328
-357.690042  -98.609247   -2299.191
 0.50000   -17.395344 -310.568785     -7.670328
-357.607587  -97.144331   -2313.712
 0.75000   -17.395344 -285.953522     -7.670328
-357.607400  -97.059373   -2333.260
 1.00000   -17.395344 -266.186610     -7.670328
-357.607400  -98.249540   -2353.389

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 COMB DB-G1-1 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000     7.243376   21.316427     1.195303
120.585855    5.588909    588.165225
 0.25000     7.243376   21.329025     1.195303
120.584443    7.479269    569.110660
 0.50000     7.243376   21.342430     1.195303
120.615193    9.425470    550.664354
 0.75000     7.243376   21.356417     1.195303
120.647392   11.411738    532.793416
 1.00000     7.243376   21.372134     1.195303
120.686635   13.435964    515.573759

 COMB DB-G1-1 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -6.820218  -18.869531     -4.439210
-44.785902   -53.508649  -395.344159
 0.25000    -6.820218  -18.853867     -4.439210
-44.746528   -50.193938  -416.682056
 0.50000    -6.820218  -18.840020     -4.439210
-44.713107   -47.462010  -438.077655
 0.75000    -6.820218  -18.826835     -4.439210
-44.685513   -45.370754  -459.447267
 1.00000    -6.820218  -18.814522     -4.439210
-44.652300   -43.956670  -480.868880

 COMB DB-G1-2 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.889276   52.040908     3.116212
235.059950    6.528543    1257.652
 0.25000    11.889276   52.053500     3.116212
235.088481    8.562264    1215.080
 0.50000    11.889276   52.066899     3.116212
235.119175   10.654049    1175.597
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  1780

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    11.889276   52.080880     3.116212
235.151316   13.119880    1138.600
 1.00000    11.889276   52.096587     3.116212
235.190443   16.048699    1104.307

 COMB DB-G1-2 ---------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -11.179914  -35.673912     -7.200725
-74.477098  -84.737552  -726.235538
 0.25000   -11.179914  -35.658257     -7.200725
-74.437800  -79.919461  -769.312700
 0.50000   -11.179914  -35.644416     -7.200725
-74.404438  -76.345369  -812.477499
 0.75000   -11.179914  -35.631237     -7.200725
-74.372903  -74.213588  -855.641944
 1.00000   -11.179914  -35.618930     -7.200725
-74.343749  -73.493236  -898.806400

 COMB DB-G1-3 ---------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.696614  103.588646     3.420139
```

```
335.817461    7.867734    2177.233
 0.25000   12.696614   103.599980    3.420139
335.843149   10.066782    2096.060
 0.50000   12.696614   103.612040    3.420139
335.870784   12.379030    2021.373
 0.75000   12.696614   103.624624    3.420139
335.899721   14.935178    1971.023
 1.00000   12.696614   103.638762    3.420139
335.934956   17.925007    1927.329

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.882300  -54.048067   -6.944065
-152.029333  -76.164446   -1007.261
 0.25000  -11.882300  -54.033976   -6.944065
-151.993951  -71.634019   -1073.736
 0.50000  -11.882300  -54.021519   -6.944065
-151.963915  -68.567077   -1140.291
 0.75000  -11.882300  -54.009657   -6.944065
-151.935523  -67.065322   -1206.846
 1.00000  -11.882300  -53.998579   -6.944065
-151.909274  -66.991288   -1273.401

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.402223   194.351333    4.997067
334.505672   36.884706    3135.852
 0.25000   13.402223   206.143811    4.997067
351.287540   37.277607    3057.561
 0.50000   13.402223   218.720487    4.997067
371.864955   38.330340    2979.482
 0.75000   13.402223   231.859213    4.997067
398.646937   39.971270    2904.863
 1.00000   13.402223   246.318986    4.997067
429.364698   42.297531    2828.598

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.398023  -172.499915   -6.941067
-340.926781  -68.276755   -1135.629
 0.25000  -12.398023  -158.094792   -6.941067
-308.712086  -65.366831   -1217.264
 0.50000  -12.398023  -145.098583   -6.941067
-280.980699  -63.680530   -1298.983
 0.75000  -12.398023  -132.742661   -6.941067
-254.992511  -63.290765   -1380.708
 1.00000  -12.398023  -121.235223   -6.941067
-232.379797  -64.097348   -1462.434

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.479409   45.519751    2.049397
139.831238    1.290990   919.079806
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1781

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000    4.479409   45.658309    2.049397
140.145450    1.230895   885.611783
 0.50000    4.479409   45.805734    2.049397
140.483459    1.481371   856.516014
 0.75000    4.479409   45.959563    2.049397
140.837392    2.031759   830.945606
 1.00000    4.479409   46.132404    2.049397
141.268556    2.995124   811.701451

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.199286   -20.503146   -2.538478
-48.388925  -26.146645  -393.467112
 0.25000   -4.199286   -20.330877   -2.538478
-47.956149  -24.972062  -421.179859
 0.50000   -4.199286   -20.178589   -2.538478
-47.588772  -24.423698  -448.892747
 0.75000   -4.199286   -20.033583   -2.538478
-47.241497  -23.781439  -476.605662
 1.00000   -4.199286   -19.898166   -2.538478
-46.920415  -25.868767  -504.318589

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.168874   128.759754    2.845902
279.411578   12.965381    2248.470
 0.25000    6.168874   128.772348    2.845902
279.440132   12.941453    2150.900
 0.50000    6.168874   128.785750    2.845902
279.477149   13.076594    2077.192
 0.75000    6.168874   128.799733    2.845902
279.503013   13.572207    2033.815
 1.00000    6.168874   128.815444    2.845902
279.542186   14.638815    2014.088

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.574182   -63.310448   -2.893702
-182.316276  -23.856393  -779.171496
 0.25000   -5.574182   -63.294790   -2.893702
-182.276948  -22.947649  -838.631385
 0.50000   -5.574182   -63.280946   -2.893702
-182.243562  -22.940394  -898.099270
 0.75000   -5.574182   -63.267765   -2.893702
-182.212004  -23.866040  -957.575877
 1.00000   -5.574182   -63.255456   -2.893702
-182.182826  -25.590309   -1017.053

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.114951   135.065905    3.867322
350.711992   13.698844    2533.145
 0.25000   11.114951   135.077240    3.867322
350.737690   14.807752    2428.401
 0.50000   11.114951   135.089301    3.867322
350.765335   16.116159    2345.615
 0.75000   11.114951   135.101886    3.867322
350.794283   17.725985    2290.977
 1.00000   11.114951   135.116026    3.867322
350.829539   19.817228    2258.393

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.240822   -72.161175   -5.914677
-197.301410  -61.443364   -1020.449
 0.25000  -10.240822   -72.147082   -5.914677
-197.266015  -58.349746   -1092.126
 0.50000  -10.240822   -72.134623   -5.914677
-197.235967  -56.582188   -1163.861
 0.75000  -10.240822   -72.122760   -5.914677
-197.207564  -56.297791   -1235.632
 1.00000  -10.240822   -72.111682   -5.914677
-197.181305  -57.159877   -1307.403
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1782

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.486614   238.451383    6.222373
310.793235   52.029739    3566.347
 0.25000   13.486614   256.570653    6.222373
310.793235   51.061941    3499.041
 0.50000   13.486614   275.956609    6.222373
324.337710   50.701072    3421.528
 0.75000   13.486614   296.241890    6.222373
347.769887   51.355691    3335.665
 1.00000   13.486614   317.934406    6.222373
368.699378   52.926986    3237.227

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.476872  -231.125652   -6.417485
-348.139694  -56.254632   -1149.968
 0.25000  -12.476872  -209.529549   -6.417485
-327.223314  -54.778095   -1236.974
 0.50000  -12.476872  -189.487156   -6.417485
-304.517539  -54.409569   -1324.049
 0.75000  -12.476872  -170.471501   -6.417485
-279.929304  -55.225239   -1411.151
 1.00000  -12.476872  -152.827369   -6.417485
-273.901011  -57.106199   -1498.253

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.401580   198.197568    5.312693
91.486569   70.750377    2312.862
 0.25000    7.401580   221.406474    5.312693
91.486569   67.275560    2323.559
 0.50000    7.401580   246.407870    5.312693
91.486569   64.825770    2302.660
 0.75000    7.401580   272.650238    5.312693
91.486569   63.475109    2246.908
 1.00000    7.401580   299.124361    5.312693
91.486569   63.136389    2156.543

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.946951  -245.691110   -2.611405
-292.787817  -16.681950  -459.294070
 0.25000   -6.946951  -219.371722   -2.611405
-292.787817  -10.591789  -501.598715
 0.50000   -6.946951  -193.501526   -2.611405
-292.787817  -12.509308  -543.927103
 0.75000   -6.946951  -169.053600   -2.611405
-292.787817  -14.427810  -586.260675
 1.00000   -6.946951  -146.049470   -2.611405
-292.787817  -16.347108  -628.595036

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.442993   295.006012    6.827412
182.901233   93.650791    3662.129
 0.25000    9.442993   322.729126    6.827412
182.901233   89.241840    3626.458
 0.50000    9.442993   352.521509    6.827412
182.901233   86.075463    3568.743
 0.75000    9.442993   383.766691    6.827412
182.901233   84.311793    3492.951
 1.00000    9.442993   415.831093    6.827412
182.901233   83.844497    3391.166

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.611659  -326.796129   -3.570880
-411.291916  -13.829606  -806.363268
 0.25000   -8.611659  -294.905719   -3.570880
-411.291916  -16.455521  -878.202546
 0.50000   -8.611659  -264.083507   -3.570880
-411.291916  -19.098897  -950.081747
 0.75000   -8.611659  -234.924285   -3.570880
-411.291916  -21.762929   -1021.975
 1.00000   -8.611659  -208.007657   -3.570880
-411.291916  -24.440723   -1093.869
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1783

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.463619   309.613827    7.224215
281.635169   78.052160    4175.444
 0.25000   11.463619   335.041985    7.224215
281.635169   78.505037    4112.564
 0.50000   11.463619   362.361476    7.224215
281.635169   76.206007    4033.449
 0.75000   11.463619   391.010581    7.224215
281.635169   75.275818    3941.160
 1.00000   11.463619   420.461583    7.224215
281.635169   75.615779    3829.714

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.557654  -310.866116   -4.325313
-419.157768  -20.081049   -1068.695
 0.25000  -10.557654  -281.573892   -4.325313
-419.157768  -21.678756   -1158.697
 0.50000  -10.557654  -253.310558   -4.325313
-419.157768  -23.835858   -1248.734
 0.75000  -10.557654  -226.569230   -4.325313
-419.157768  -26.550257   -1338.781
 1.00000  -10.557654  -201.877633   -4.325313
-419.157768  -29.744382   -1428.829

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.925889   277.453719    7.417262
323.189419   69.086915    3955.871
 0.25000   13.925889   298.654280    7.417262
323.189419   66.709975    3887.358
 0.50000   13.925889   321.431507    7.417262
323.189419   65.131871    3806.573
 0.75000   13.925889   345.317199    7.417262
323.189419   65.135127    3715.098
 1.00000   13.925889   369.873135    7.417262
323.189419   66.232774    3608.538

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.901422  -272.210508   -6.178295
-372.988596  -47.342063   -1161.922
 0.25000  -12.901422  -247.786919   -6.178295
-372.988596  -47.052177   -1253.423
 0.50000  -12.901422  -224.222794   -6.178295
-372.988596  -47.754195   -1344.973
 0.75000  -12.901422  -201.927522   -6.178295
-372.988596  -49.530896   -1436.558
 1.00000  -12.901422  -181.340959   -6.178295
-372.988596  -52.255373   -1528.144

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.220522   46.198992    1.704744
156.786884    6.840111   774.390060
 0.25000   10.220522   46.205656    1.704744
156.800554    8.838927   743.278178
 0.50000   10.220522   46.213490    1.704744
156.815786   11.255144   712.300651
 0.75000   10.220522   46.221454    1.704744
156.832169   13.913755   681.613948
 1.00000   10.220522   46.229688    1.704744
156.849260   16.737399   651.018781

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.534402  -27.416941   -5.911230
-56.822957  -61.005079  -816.135438
 0.25000   -9.534402  -27.409207   -5.911230
-56.804686  -57.296688  -811.293413
 0.50000   -9.534402  -27.401776   -5.911230
-56.787109  -54.253696  -806.488475
 0.75000   -9.534402  -27.394795   -5.911230
-56.770721  -51.742641  -801.697881
 1.00000   -9.534402  -27.388419   -5.911230
-56.755924  -49.853575  -796.909565
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1784

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.648891   99.284368    3.651483
286.898497    7.919105    1596.749
 0.25000   16.648891   99.291328    3.651483
286.912125    9.997260    1532.550
 0.50000   16.648891   99.298858    3.651483
286.927313   12.615582    1469.688
 0.75000   16.648891   99.306818    3.651483
286.943648   15.747871    1407.525
 1.00000   16.648891   99.315046    3.651483
286.960687   19.459128    1345.859

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.552549  -52.736459   -8.733363
-93.869965  -99.070187   -1487.557
 0.25000  -15.552549  -52.728731   -8.733363
-93.851742  -93.903879   -1483.416
 0.50000  -15.552549  -52.721305   -8.733363
-93.834209  -89.857234   -1479.332
 0.75000  -15.552549  -52.714328   -8.733363
-93.817864  -87.120739   -1475.280
 1.00000  -15.552549  -52.707955   -8.733363
-93.803105  -85.299151   -1471.232

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.779174   173.883089    4.052670
376.603847   11.110481    2642.233
 0.25000   17.779174   174.083551    4.052670
376.996539   12.933674    2536.898
 0.50000   17.779174   174.300430    4.052670
377.434151   15.392358    2435.423
 0.75000   17.779174   174.529691    4.052670
377.904823   18.394758    2338.091
 1.00000   17.779174   174.766700    4.052670
378.395790   21.970214    2245.106

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.181417  -87.546416   -8.304666
-157.830864  -93.903879   -2076.749
 0.25000  -16.181417  -87.323801   -8.304666
-157.305797  -88.574827   -2079.152
 0.50000  -16.181417  -87.109916   -8.304666
-156.800646  -85.299414   -2081.613
 0.75000  -16.181417  -86.908963   -8.304666
-156.326698  -83.320261   -2084.086
 1.00000  -16.181417  -86.725415   -8.304666
-155.904462  -82.315939   -2086.543

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.360503   256.743305    6.063527
378.779441   43.671324    3454.679
 0.25000   18.360503   266.884615    6.063527
395.348472   43.862884    3350.301
 0.50000   18.360503   277.843170    6.063527
414.004557   44.685478    3235.320
 0.75000   18.360503   289.408903    6.063527
434.147237   45.909315    3107.241
 1.00000   18.360503   301.344464    6.063527
455.103977   47.940841    2979.251

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.337274  -186.294053   -8.210612
-330.982295  -85.573974   -2305.174
 0.25000  -16.337274  -175.125367   -8.210612
-307.928896  -82.443070   -2315.172
 0.50000  -16.337274  -164.374647   -8.210612
-285.657024  -79.343323   -2325.259
 0.75000  -16.337274  -154.258383   -8.210612
-264.942821  -79.333925   -2335.308
 1.00000  -16.337274  -145.011931   -8.210612
-246.307398  -79.181829   -2345.335
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1785

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.168328   71.234132    2.052051
146.999115   1.690188    1070.228
 0.25000    6.168328   71.303731    2.052051
147.135395   1.616757    1028.068
 0.50000    6.168328   71.379030    2.052051
147.287268   1.839714    987.670282
 0.75000    6.168328   71.458627    2.052051
147.450616   2.351420    948.023330
 1.00000    6.168328   71.540913    2.052051
147.621006   3.196718    908.750980

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.688041  -32.426023   -2.438659
-49.700507  -33.362142  -789.481302
 0.25000   -5.688041  -32.348735   -2.438659
-49.518271  -32.297420  -792.435573
 0.50000   -5.688041  -32.274477   -2.438659
-49.342946  -31.729038  -795.392598
 0.75000   -5.688041  -32.204709   -2.438659
-49.179492  -32.203078  -798.351596
 1.00000   -5.688041  -32.140983   -2.438659
-49.031905  -33.060683  -801.315630

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.447758   180.402219    3.195383
280.260783   16.672642    2486.625
 0.25000    8.447758   180.409182    3.195383
280.274447   16.267844    2381.332
 0.50000    8.447758   180.416715    3.195383
280.289871   16.115041    2286.225
 0.75000    8.447758   180.424679    3.195383
280.306047   16.314113    2205.436
 1.00000    8.447758   180.432912    3.195383
280.323128   16.923051    2135.590

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.155658  -90.257147   -2.890346
-164.523674  -34.574992   -1577.002
 0.25000   -7.155658  -90.249414   -2.890346
-164.505411  -33.967159   -1588.128
 0.50000   -7.155658  -90.241984   -2.890346
-164.487841  -33.992501   -1599.248
 0.75000   -7.155658  -90.235004   -2.890346
-164.471461  -34.905277   -1610.346
 1.00000   -7.155658  -90.228628   -2.890346
-164.456670  -36.317907   -1621.429

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.397366   202.528472    4.414024
378.244926   17.463156    2903.421
 0.25000   15.397366   202.534738    4.414024
378.257223   18.184981    2781.735
 0.50000   15.397366   202.541518    4.414024
378.270925   19.415030    2669.538
 0.75000   15.397366   202.548685    4.414024
378.285663   21.082820    2570.298
 1.00000   15.397366   202.556095    4.414024
378.301036   23.315149    2480.888

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -13.728127  -103.427624   -6.697250
-189.871266  -77.276275   -2074.787
 0.25000  -13.728127  -103.420664   -6.697250
-189.854830  -74.276597   -2087.571
 0.50000  -13.728127  -103.413978   -6.697250
-189.839017  -72.340749   -2106.971
 0.75000  -13.728127  -103.407696   -6.697250
-189.824275  -71.574755   -2141.801
 1.00000  -13.728127  -103.401957   -6.697250
-189.810963  -71.697988   -2158.004
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1786

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.178083   294.725574    7.400398
341.163078   59.590306    3824.354
 0.25000   18.178083   310.088738    7.400398
342.694286   58.201004    3727.304
 0.50000   18.178083   326.657024    7.400398
362.871348   57.358735    3610.098
 0.75000   18.178083   344.102653    7.400398
384.845945   57.063919    3474.096
 1.00000   18.178083   362.042776    7.400398
407.560175   57.564175    3318.334

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.086327  -232.800871   -7.214162
-360.171540  -73.677644   -2325.666
 0.25000  -16.086327  -216.094789   -7.214162
-333.461941  -72.081962   -2345.263
 0.50000  -16.086327  -199.983350   -7.214162
-307.404963  -71.367331   -2370.520
 0.75000  -16.086327  -184.764292   -7.214162
-283.139929  -71.615221   -2408.568
 1.00000  -16.086327  -170.851456   -7.214162
-273.001832  -72.749699   -2431.077

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.440696   198.990840    6.587034
105.698734   77.831666    2236.147
 0.25000    9.440696   218.508839    6.587034
105.698734   73.843566    2226.708
 0.50000    9.440696   239.534042    6.587034
105.698734   70.384842    2183.736
 0.75000    9.440696   261.540063    6.587034
105.698734   67.563326    2106.313
 1.00000    9.440696   284.032133    6.587034
105.437572   65.628873    1995.651

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.330627  -211.361674   -2.842704
-292.126527  -16.054488   -917.054144
 0.25000   -8.330627  -190.646742   -2.842704
-296.464711  -17.666506   -932.226901
 0.50000   -8.330627  -170.509041   -2.842704
-300.802895  -19.312639   -946.829147
 0.75000   -8.330627  -151.455840   -2.842704
-305.141080  -20.966210   -961.436978
 1.00000   -8.330627  -133.975808   -2.842704
-309.218102  -22.974467   -976.137256

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.024510   313.225955    8.643097
210.053143  106.190297    3594.773
 0.25000   12.024510   335.783803    8.643097
210.053143  101.271667    3533.584
 0.50000   12.024510   360.090942    8.643097
210.053143   96.907670    3442.218
 0.75000   12.024510   385.561151    8.643097
210.053143   93.237216    3321.538
 1.00000   12.024510   411.636608    8.643097
210.053143   90.523334    3184.327

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.110031  -291.876628   -3.955037
-419.241264  -24.429840   -1611.538
 0.25000  -10.110031  -267.804157   -3.955037
-419.721210  -26.564204   -1636.796
 0.50000  -10.110031  -244.430916   -3.955037
-420.201157  -28.710962   -1667.853
 0.75000  -10.110031  -222.342699   -3.955037
-420.681103  -30.870414   -1693.612
 1.00000  -10.110031  -202.079911   -3.955037
-421.161030  -33.420724   -1719.290
 Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                1787

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.928382   349.603146    8.825556
302.402296   92.703965    4254.578
 0.25000   14.928382   370.276410    8.825556
302.402296   88.547556    4162.253
 0.50000   14.928382   392.553876    8.825556
302.402296   85.093031    4043.468
 0.75000   14.928382   415.900772    8.825556
302.402296   82.348606    3901.474
 1.00000   14.928382   439.807109    8.825556
302.402296   80.572404    3733.873

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.749527  -293.128902   -4.594612
-419.171107  -35.307316   -2146.685
 0.25000  -12.749527  -271.051971   -4.594612
-419.087541  -36.828939   -2171.006
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 0.50000   -12.749527  -249.620419    -4.594612
-419.003975   -38.847092    -2195.348
 0.75000   -12.749527  -229.369754    -4.594612
-418.920409   -41.433726    -2219.795
 1.00000   -12.749527  -210.792850    -4.594612
-418.836846   -44.582994    -2244.143

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.522647  329.075809    8.878529
359.225531   78.375521   4155.675
 0.25000   18.522647  346.309803    8.878529
359.225531   75.358166   4054.062
 0.50000   18.522647  364.881155    8.878529
359.225531   73.027668   3930.907
 0.75000   18.522647  384.344139    8.878529
359.225531   71.518308   3788.425
 1.00000   18.522647  404.273652    8.878529
359.225531   71.085407   3624.663

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.328921  -263.599653    -6.778701
-380.491920   -65.961890    -2353.428
 0.25000  -16.328921  -245.194992    -6.778701
-380.404849   -65.597095    -2377.906
 0.50000  -16.328921  -227.328495    -6.778701
-380.317779   -67.986030    -2402.420
 0.75000  -16.328921  -210.446536    -6.778701
-380.230708   -67.330124    -2426.987
 1.00000  -16.328921  -194.959913    -6.778701
-380.143640   -69.586739    -2451.632

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.925889  309.613827    7.417262
350.711992   93.650791   4175.744
 0.25000   13.925889  335.041985    7.417262
351.287540   89.241840   4112.564
 0.50000   13.925889  362.361476    7.417262
371.864955   86.075463   4033.449
 0.75000   13.925889  391.010581    7.417262
398.646937   84.311793   3941.160
 1.00000   13.925889  420.461583    7.417262
429.364698   83.844497   3829.714

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.901422  -326.796129    -7.200725
-419.157768   -84.737552    -1161.922
 0.25000  -12.901422  -294.905719    -7.200725
-419.157768   -79.519461    -1253.423
 0.50000  -12.901422  -264.083507    -7.200725
-419.157768   -76.345363    -1344.973
 0.75000  -12.901422  -234.924285    -7.200725
-419.157768   -74.213588    -1436.558
 1.00000  -12.901422  -208.007657    -7.200725
-419.157768   -73.493236    -1528.144
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1788

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.522647  349.603146    8.878529
378.779441  106.190297   4254.578
 0.25000   18.522647  370.276410    8.878529
395.348472  101.271667   4162.253
 0.50000   18.522647  392.553876    8.878529
414.004557   96.907670   4043.468
 0.75000   18.522647  415.900772    8.878529
434.147237   93.237216   3901.474
 1.00000   18.522647  439.807109    8.878529
455.103977   90.523334   3733.873

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.337274  -293.128902    -8.733363
-419.241264   -99.070187    -2353.428
 0.25000  -16.337274  -271.051971    -8.733363
-419.721210   -93.903879    -2377.906
 0.50000  -16.337274  -249.622419    -8.733363
-420.201157   -89.857234    -2402.420
 0.75000  -16.337274  -229.369754    -8.733363
-420.681103   -87.120739    -2426.987
 1.00000  -16.337274  -210.792850    -8.733363
-421.161030   -85.299151    -2451.632

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.522647  349.603146    8.878529
378.779441  106.190297   4254.578
 0.25000   18.522647  370.276410    8.878529
395.348472  101.271667   4162.253
 0.50000   18.522647  392.553876    8.878529
414.004557   96.907670   4043.468
 0.75000   18.522647  415.900772    8.878529
434.147237   93.237216   3941.160
 1.00000   18.522647  439.807109    8.878529
455.103977   90.523334   3829.714

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.337274  -326.796129    -8.733363
-419.241264   -99.070187    -2353.428
 0.25000  -16.337274  -294.905719    -8.733363
-419.721210   -93.903879    -2377.906
 0.50000  -16.337274  -264.083507    -8.733363
-420.201157   -89.857234    -2402.420
 0.75000  -16.337274  -234.924285    -8.733363
-420.681103   -87.120739    -2426.987
 1.00000  -16.337274  -210.792850    -8.733363
-421.161030   -85.299151    -2451.632

 COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   18.522647  349.603146    8.878529
378.779441  106.190297   4254.578
 0.25000   18.522647  370.276410    8.878529
395.348472  101.271667   4162.253
 0.50000   18.522647  392.553876    8.878529
414.004557   96.907670   4043.468
 0.75000   18.522647  415.900772    8.878529
434.147237   93.237216   3941.160
 1.00000   18.522647  439.807109    8.878529
455.103977   90.523334   3829.714

 COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -16.337274  -326.796129    -8.733363
-419.241264   -99.070187    -2353.428
 0.25000  -16.337274  -294.905719    -8.733363
-419.721210   -93.903879    -2377.906
 0.50000  -16.337274  -264.083507    -8.733363
-420.201157   -89.857234    -2402.420
 0.75000  -16.337274  -234.924285    -8.733363
-420.681103   -87.120739    -2426.987
 1.00000  -16.337274  -210.792850    -8.733363
-421.161030   -85.299151    -2451.632
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1789

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   6.614719   33.020767    0.599041
197.631976   13.560198   514.916596
 0.25000   6.614719   33.033426    0.599041
197.654399   15.695821   479.459974
 0.50000   6.614719   33.046805    0.599041
197.685634   17.882576   444.603660
 0.75000   6.614719   33.060668    0.599041
197.718153   20.113816   410.756383
 1.00000   6.614719   33.076261    0.599041
197.755893   22.356984   378.073014

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.296406  -19.298483    -5.346696
-48.999993   -44.960977  -480.866860
 0.25000   -6.296406  -19.282966    -5.346696
-48.960139   -40.176379  -492.990552
 0.50000   -6.296406  -19.269277    -5.346696
-48.926220   -35.949442  -505.151632
 0.75000   -6.296406  -19.256299    -5.346696
-48.894146   -32.329878  -517.512752
 1.00000   -6.296406  -19.244232    -5.346696
-48.864411   -29.398279  -529.773926

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.845128   76.809594    1.434419
361.192037   15.660666   1103.187
 0.25000   10.845128   76.822247    1.434419
361.214205   18.552956   1023.790
 0.50000   10.845128   76.835621    1.434419
361.245383   21.679995   947.193902
 0.75000   10.845128   76.849498    1.434419
361.277845   24.971381   874.606973
 1.00000   10.845128   76.865061    1.434419
361.315514   28.471817   805.728824

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.319687  -35.954496    -8.552268
-76.092466   -75.074997  -898.817330
 0.25000  -10.319687  -35.938990    -8.552268
-76.052688   -68.102492  -928.819002
 0.50000  -10.319687  -35.925307    -8.552268
-76.018828   -62.325316  -959.005754
 0.75000  -10.319687  -35.912335    -8.552268
-75.986813   -57.843030  -989.245595
 1.00000  -10.319687  -35.900273    -8.552268
-75.957137   -54.716495    -1019.491

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.554544  143.698229    1.817658
464.079133   19.675484   1921.104
 0.25000   11.554544  143.709618    1.817658
464.099130   19.693770   1783.250
 0.50000   11.554544  143.721655    1.817658
464.127201   22.594889   1650.694
 0.75000   11.554544  143.734146    1.817658
464.156427   25.669498   1532.238
 1.00000   11.554544  143.748154    1.817658
464.190341   29.015209   1428.503

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.949180  -49.677622    -8.142645
-106.661255   -68.732265   -1273.405
 0.25000  -10.949180  -49.663665    -8.142645
-106.625442   -62.360851   -1328.972
 0.50000  -10.949180  -49.651349    -8.142645
-106.594957   -57.283582   -1384.699
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1790

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000  -10.949180  -49.639673    -8.142645
-106.566133   -53.591216   -1440.471
 1.00000  -10.949180  -49.628814    -8.142645
-106.539414   -51.203520   -1496.248

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.315125  246.520258    4.044592
437.747142   41.462682   2827.724
 0.25000   12.315125  258.366584    4.044592
444.827943   41.722438   2669.502
 0.50000   12.315125  270.919704    4.044592
462.477985   42.392882   2509.881
 0.75000   12.315125  283.963723    4.044592
482.035408   43.567707   2355.351
 1.00000   12.315125  298.292324    4.044592
512.991769   45.356203   2202.758

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.537649  -150.550771    -7.176850
-324.860307   -65.529187   -1462.425
 0.25000  -11.537649  -136.288412    -7.176850
-292.198746   -61.434307   -1539.630
 0.50000  -11.537649  -123.445926    -7.176850
-263.005727   -58.421309   -1616.967
 0.75000  -11.537649  -111.286273    -7.176850
-240.232795   -56.558767   -1694.343
 1.00000  -11.537649  -100.007170    -7.176850
-218.043174   -55.794189   -1771.763

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   4.066213   62.577748    1.124459
184.554520   2.129215   811.258669
 0.25000   4.066213   62.716969    1.124459
184.800049   2.688455   750.902185
 0.50000   4.066213   62.864116    1.124459
185.143386   3.431482   694.073244
 0.75000   4.066213   63.016799    1.124459
185.500844   4.304911   641.751665
 1.00000   4.066213   63.188062    1.124459
185.915671   5.378506   594.307675

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.869157  -20.430692    -2.899298
-21.637250   -26.434025  -504.329397
 0.25000   -3.869157  -20.260061    -2.899298
-21.199190   -24.679970  -529.455509
 0.50000   -3.869157  -20.109502    -2.899298
-20.826339   -23.616274  -554.600088
 0.75000   -3.869157  -19.966774    -2.899298
-20.473788   -23.183289  -579.769375
 1.00000   -3.869157  -19.834060    -2.899298
-20.146961   -23.526508  -604.945810

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   5.631620  166.960910    2.122093
325.178768   13.349753   2013.564
 0.25000   5.631620  166.973565    2.122093
325.201038   13.225217   1855.393
 0.50000   5.631620  166.986941    2.122093
325.232239   13.334415   1718.638
 0.75000   5.631620  167.000820    2.122093
325.264724   13.704370   1613.036
 1.00000   5.631620  167.016387    2.122093
325.302421   14.465595   1534.928

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.177254  -50.152554    -2.917115
-126.282943   -26.334040   -1017.049
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1791

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -5.177254  -50.137044    -2.917115
-126.243134   -25.181925   -1017.712
 0.50000   -5.177254  -50.123358    -2.917115
-126.209251   -24.808883   -1136.392
 0.75000   -5.177254  -50.110384    -2.917115
-126.177212   -25.201022   -1196.096
 1.00000   -5.177254  -50.098320    -2.917115
-126.147512   -26.227222   -1255.804

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.144215  179.763891    2.276336
451.915831   18.817612   2257.408
 0.25000   10.144215  179.775281    2.276336
451.935874   20.354298   2083.498
 0.50000   10.144215  179.787319    2.276336
451.963955   22.083249   1929.371
 0.75000   10.144215  179.799810    2.276336
451.993191   24.046883   1804.175
 1.00000   10.144215  179.813821    2.276336
452.027119   26.346256   1704.929

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.481983  -60.705531    -6.576872
-149.277978   -58.565213   -1307.404
 0.25000   -9.481983  -60.691573    -6.576872
-149.242151   -54.196290   -1372.782
 0.50000   -9.481983  -60.679255    -6.576872
-149.211655   -50.994137   -1438.184
 0.75000   -9.481983  -60.667578    -6.576872
-149.182821   -49.030753   -1503.707
 1.00000   -9.481983  -60.656721    -6.576872
-149.156091   -48.214991   -1569.233

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.446784  295.739596    5.413486
397.043139   52.128342   3236.773
 0.25000   12.446784  313.936102    5.413486
397.043139   50.550815   3081.841
 0.50000   12.446784  333.286170    5.413486
397.043139   49.375320   2917.295
 0.75000   12.446784  353.431872    5.413486
404.167784   49.367519   2741.758
 1.00000   12.446784  374.929422    5.413486
424.611977   49.999643   2559.261

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.655931  -201.890944    -6.047056
-357.583017   -58.283466   -1498.249
 0.25000  -11.655931  -180.521362    -6.047056
-336.715000   -56.194056   -1585.865
 0.50000  -11.655931  -160.728762    -6.047056
-313.523292   -55.085923   -1673.501
 0.75000  -11.655931  -142.019757    -6.047056
-288.474357   -55.014682   -1761.238
 1.00000  -11.655931  -124.722833    -6.047056
-286.351317   -55.894689   -1849.003

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   6.990211  229.668114    6.207335
43.853629   63.257239   2157.546
 0.25000   6.990211  252.961151    6.207335
43.853629   58.135566   2121.384
 0.50000   6.990211  277.917318    6.207335
43.853629   53.932629   2054.487
 0.75000   6.990211  303.995619    6.207335
43.853629   50.722426   1953.529
 1.00000   6.990211  330.236997    6.207335
43.853629   48.859634   1818.707
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1792

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.602690  -214.797714    -1.161904
-386.685016   -16.368201   -628.596321
 0.25000   -6.602690  -188.787310    -1.161904
-386.685016   -19.010498   -680.743893
 0.50000   -6.602690  -163.271441    -1.161904
-386.685016   -21.655492   -732.891995
 0.75000   -6.602690  -139.229402    -1.161904
-386.685016   -24.299545   -785.040297
 1.00000   -6.602690  -117.158986    -1.161904
-386.685016   -26.950455   -837.188644

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.921483  346.786469    7.999610
147.404908   83.800440   3392.196
 0.25000   8.921483  374.616048    7.999610
147.404908   77.18777   3276.875
 0.50000   8.921483  404.354172    7.999610
147.404908   71.728872   3141.850
 0.75000   8.921483  435.398349    7.999610
147.404908   67.516110   2989.562
 1.00000   8.921483  467.178703    7.999610
147.404908   64.590866   2813.661

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.227039  -277.947268    -1.499659
-505.097000   -24.435653   -1093.854
 0.25000   -8.227039  -246.417829    -1.499659
-505.097000   -28.032923   -1179.337
 0.50000   -8.227039  -216.007823    -1.499659
-505.097000   -31.652302   -1264.822
 0.75000   -8.227039  -187.328652    -1.499659
-505.097000   -35.287430   -1350.310
 1.00000   -8.227039  -160.935553    -1.499659
-505.097000   -38.934956   -1435.802

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.707049  372.040849    7.810938
280.607551   74.786325   3830.315
 0.25000   10.707049  397.667911    7.810938
280.607551   69.382969   3671.506
 0.50000   10.707049  424.836913    7.810938
280.607551   65.005871   3495.121
 0.75000   10.707049  453.301379    7.810938
280.607551   61.851993   3306.674
 1.00000   10.707049  482.491098    7.810938
280.607551   59.948529   3103.252

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.968597  -267.630322    -2.722023
-460.894213   -30.246342   -1428.820
 0.25000   -9.968597  -238.669346    -2.722023
-460.894213   -32.572507   -1530.154
 0.50000   -9.968597  -210.782167    -2.722023
-460.894213   -35.369108   -1631.490
 0.75000   -9.968597  -184.480709    -2.722023
-460.894213   -38.596799   -1732.827
 1.00000   -9.968597  -160.877702    -2.722023
-460.894213   -42.209251   -1834.164

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.905300  339.124574    6.990996
369.712793   65.437465   3608.614
 0.25000   12.905300  360.407029    6.990996
369.712793   61.963877   3445.906
 0.50000   12.905300  383.142744    6.990996
369.712793   59.413582   3269.540
 0.75000   12.905300  406.874480    6.990996
369.712793   57.926984   3084.128
 1.00000   12.905300  431.212554    6.990996
369.712793   57.560740   2887.267
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1793

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.093701  -236.277742    -5.307849
-410.664972   -53.237749    -1528.145
 0.25000  -12.093701  -212.130307    -5.307849
-410.664972   -52.825572    -1624.599
 0.50000  -12.093701  -188.879762    -5.307849
-410.664972   -53.277627    -1721.065
 0.75000  -12.093701  -166.951214    -5.307849
-410.664972   -54.647803    -1817.578
 1.00000  -12.093701  -146.765352    -5.307849
-410.664972   -56.849726    -1914.123

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   9.359921   55.590458    0.775293
252.007628   16.627750   650.224945
 0.25000   9.359921   55.597730    0.775293
252.021051   19.677316   598.732672
 0.50000   9.359921   55.605536    0.775293
252.035941   23.004007   547.256565
 0.75000   9.359921   55.613740    0.775293
252.051899   26.750717   496.291825
 1.00000   9.359921   55.622194    0.775293
252.068508   31.031295   445.323967

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.802600  -27.757167    -7.328243
-83.973563   -50.041827   -796.707751
 0.25000   -8.802600  -27.749751    -7.328243
-83.954655   -44.655748   -779.175679
 0.50000   -8.802600  -27.742664    -7.328243
-83.936596   -39.723032   -761.636298
 0.75000   -8.802600  -27.736069    -7.328243
-83.919803   -35.480188   -744.091753
 1.00000   -8.802600  -27.730073    -7.328243
-83.904620   -32.055723   -726.542726

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   15.214661  124.482022    1.620466
448.795183   18.774111   1344.481
 0.25000   15.214661  124.489290    1.620466
448.808562   22.593644   1233.857
 0.50000   15.214661  124.497092    1.620466
448.823405   27.062247   1124.339
 0.75000   15.214661  124.505291    1.620466
448.839313   32.302055   1016.850
 1.00000   15.214661  124.513741    1.620466
448.855870   38.448234   910.042485

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.355620  -51.135852  -11.101467
-121.928193   -85.712398   -1470.980
 0.25000  -14.355620  -51.128440  -11.101467
-121.909331   -77.225121   -1448.966
 0.50000  -14.355620  -51.121358  -11.101467
-121.891314   -69.864716   -1426.948
 0.75000  -14.355620  -51.114766  -11.101467
-121.874561   -64.070542   -1404.935
 1.00000  -14.355620  -51.108775  -11.101467
-121.859415   -59.578138   -1382.914

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.164442  220.939605    2.041824
542.856462   20.651506   2243.589
 0.25000   16.164442  221.148951    2.041824
543.241980   24.067376   2059.893
 0.50000   16.164442  221.373673    2.041824
543.669686   28.100754   1878.124
 0.75000   16.164442  221.609824    2.041824
544.128075   32.865274   1701.241
 1.00000   16.164442  221.853211    2.041824
544.605176   38.476297   1529.315
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1794

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -14.871204  -75.303684  -10.284392
-148.151591   -82.518157   -2086.349
 0.25000  -14.871204  -75.090210  -10.284392
-147.608137   -75.187105   -2073.767
 0.50000  -14.871204  -74.886234  -10.284392
-147.089047   -68.945047   -2061.160
 0.75000  -14.871204  -74.696360  -10.284392
-146.606389   -64.117236   -2048.566
 1.00000  -14.871204  -74.523789  -10.284392
-146.169986   -60.570785   -2035.961

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.870471  319.982958    5.139210
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507.627572    46.833474    2978.312
 0.25000    16.870471   330.591889     5.139210
523.604392    47.186489    2774.123
 0.50000    16.870471   341.969106     5.139210
541.567785    48.445368    2556.949
 0.75000    16.870471   353.908821     5.139210
560.907794    50.564247    2332.936
 1.00000    16.870471   366.189930     5.139210
581.014871    53.601320    2099.415

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.179492  -160.095929    -9.152093
-350.194823   -79.538575   -2345.241
 0.25000   -15.179492  -149.417354    -9.152093
-326.079822   -74.595243   -2348.860
 0.50000   -15.179492  -139.190311    -9.152093
-302.928153   -70.850130   -2352.491
 0.75000   -15.179492  -129.655835    -9.152093
-281.392632   -68.479870   -2356.066
 1.00000   -15.179492  -120.981977    -9.152093
-262.016140   -67.342900   -2359.624

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.596178   92.575646     1.007653
208.012334    2.378932   908.160933
 0.25000    5.596178   92.648330     1.007653
208.147020    2.379432   831.610294
 0.50000    5.596178   92.726351     1.007653
208.295450    3.486451   756.403173
 0.75000    5.596178   92.808341     1.007653
208.454530    4.505436   683.618604
 1.00000    5.596178   92.892842     1.007653
208.620103    5.852627   611.383854

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.231127   -28.247515    -3.170619
-30.726147   -33.014329   -801.299830
 0.25000   -5.231127   -28.173401    -3.170619
-30.537525   -30.285825   -800.644307
 0.50000   -5.231127   -28.102584    -3.170619
-30.357356   -28.305624   -799.999804
 0.75000   -5.231127   -28.036662    -3.170619
-30.189833   -27.316484   -799.341945
 1.00000   -5.231127   -27.975748    -3.170619
-30.038366   -26.684556   -798.700105

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.671669   230.364953     2.396816
344.885913   15.534674    2134.905
 0.25000    7.671669   230.372224     2.396816
344.899329   15.053897    1953.709
 0.50000    7.671669   230.380029     2.396816
344.914211   14.945629    1779.870
 0.75000    7.671669   230.388232     2.396816
344.930160   15.251390    1621.554
 1.00000    7.671669   230.396686     2.396816
344.946761   15.940739    1474.637
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1795

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -6.599963   -70.441588    -3.085071
-116.112434   -36.152079   -1621.465
 0.25000   -6.599963   -70.434173    -3.085071
-116.093534   -34.525977   -1632.560
 0.50000   -6.599963   -70.427087    -3.085071
-116.075481   -33.617308   -1643.664
 0.75000   -6.599963   -70.420491    -3.085071
-116.058696   -33.593122   -1654.721
 1.00000   -6.599963   -70.414497    -3.085071
-116.043518   -34.049111   -1665.742

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   14.030925   257.405971     2.747434
512.080006   21.070934    2479.629
 0.25000   14.030925   257.412515     2.747434
512.092080   23.821323    2270.953
 0.50000   14.030925   257.419540     2.747434
512.105474   26.171879    2069.090
 0.75000   14.030925   257.426922     2.747434
512.119829   29.150394    1881.494
 1.00000   14.030925   257.434531     2.747434
512.134770   32.822619    1704.448

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -12.668589   -85.669664    -8.050224
-163.088356   -71.801995   -2157.937
 0.25000   -12.668589   -85.662990    -8.050224
-163.071345   -66.604208   -2163.434
 0.50000   -12.668589   -85.656613    -8.050224
-163.055098   -62.424396   -2172.051
 0.75000   -12.668589   -85.650677    -8.050224
-163.039991   -57.537030   -2178.761
 1.00000   -12.668589   -85.645281    -8.050224
-163.026331   -57.663304   -2185.440

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   16.769305   366.835208     6.993705
458.529428   56.557845    3317.894
 0.25000   16.769305   382.950496     6.993705
458.532600   54.691299    3110.263
 0.50000   16.769305   400.208603     6.993705
461.341247   53.628172    2880.499
 0.75000   16.769305   418.276279     6.993705
481.697354   53.895628    2633.109
 1.00000   16.769305   436.809058     6.993705
502.777599   54.960298    2366.512

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.010405   -199.632675    -7.494945
-405.911182   -73.129135   -2431.112
 0.25000   -15.010405   -183.740268    -7.494945
-378.605727   -70.485957   -2452.571
 0.50000   -15.010405   -168.466395    -7.494945
-350.838954   -69.117575   -2476.630
 0.75000   -15.010405   -154.186477    -7.494945
-324.892498   -69.024852   -2499.019
 1.00000   -15.010405   -141.178065    -7.494945
-315.680662   -70.023450   -2521.408

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.950589   241.214053     8.218416
71.930660   65.830266    1996.858
 0.25000    8.950589   261.834937     8.218416
71.930660   59.636095    1927.104
 0.50000    8.950589   283.843296     8.218416
71.930660   54.521222    1823.869
 0.75000    8.950589   306.792145     8.218416
71.930660   50.404848    1686.440
 1.00000    8.950589   330.195318     8.218416
71.930660   47.253441    1515.713
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1796

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -7.960752  -182.373705    -1.450461
-406.783837   -23.419171   -976.298021
 0.25000   -7.960752  -162.837439    -1.450461
-411.122503   -26.382455    -1003.913
 0.50000   -7.960752  -143.933175    -1.450461
-415.461169   -29.997418    -1031.693
 0.75000   -7.960752  -126.167361    -1.450461
-419.799835   -34.009593    -1059.289
 1.00000   -7.960752  -109.956490    -1.450461
-424.138502   -38.471705    -1086.704

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.423207   382.477648    10.859145
178.643066   90.476440    3185.636
 0.25000   11.423207   406.281228    10.859145
178.643066   82.310737    3025.631
 0.50000   11.423207   431.691937    10.859145
178.643066   75.459910    2833.112
 0.75000   11.423207   458.215427    10.859145
178.643066   69.827411    2618.031
 1.00000   11.423207   485.299319    10.859145
178.643066   65.298199    2375.188

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.724963  -246.443951    -1.940604
-528.820771   -33.872643   -1719.505
 0.25000   -9.724963  -223.687799    -1.940604
-529.300770   -37.683930   -1763.273
 0.50000   -9.724963  -201.706510    -1.940604
-529.780770   -42.299864   -1807.093
 0.75000   -9.724963  -181.072448    -1.940604
-530.260770   -47.515942   -1852.459
 1.00000   -9.724963  -162.248269    -1.940604
-530.740770   -53.304499   -1895.922

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   13.940615   432.420554    10.107959
314.731474   79.754905    3734.622
 0.25000   13.940615   454.210528    10.107959
314.731474   73.046486    3520.409
 0.50000   13.940615   477.495536    10.107959
314.731474   67.569146    3277.759
 0.75000   13.940615   501.803030    10.107959
314.731474   63.197960    3012.976
 1.00000   13.940615   526.628338    10.107959
314.731474   59.920328    2722.802

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.051494  -246.488444    -3.052231
-488.446116   -44.886463   -2244.350
 0.25000  -12.051494  -225.612990    -3.052231
-488.446116   -47.369501    -2283.435
 0.50000  -12.051494  -205.452792    -3.052231
-488.362541   -50.913991    -2322.560
 0.75000  -12.051494  -186.530967    -3.052231
-488.278966   -55.392375    -2361.578
 1.00000  -12.051494  -169.259865    -3.052231
-488.195391   -60.553628    -2400.338

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.167962   408.761710     9.018164
431.511829   70.159528    3624.760
 0.25000   17.167962   426.926514     9.018164
431.511829   65.885596    3403.380
 0.50000   17.167962   446.337662     9.018164
431.511829   62.884767    3158.570
 0.75000   17.167962   466.601290     9.018164
431.511829   61.081438    2895.792
 1.00000   17.167962   487.296709     9.018164
431.511829   60.495645    2612.287
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1797

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.308012  -224.266616    -6.417980
-447.958958   -69.981470   -2451.741
 0.25000  -15.308012  -206.863388    -6.417980
-447.871878   -69.184213   -2490.146
 0.50000  -15.308012  -190.056595    -6.417980
-447.784797   -69.644870   -2520.939
 0.75000  -15.308012  -174.282278    -6.417980
-447.697717   -71.456415   -2551.139
 1.00000  -15.308012  -159.892451    -6.417980
-447.610637   -74.317884   -2581.110

 COMB     DB  ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   12.905300   372.040849     7.999610
464.099133   83.800440    3830.315
 0.25000   12.905300   397.567211     7.999610
464.099130   77.187777    3671.506
 0.50000   12.905300   424.836913     7.999610
464.127201   71.728872    3495.121
 0.75000   12.905300   453.301379     7.999610
482.035408   67.516110    3306.674
 1.00000   12.905300   482.491098     7.999610
512.991769   64.590866    3103.252

 COMB     DB  ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -12.093701  -277.947268    -8.552268
-505.097000   -75.074997   -1528.145
 0.25000  -12.093701  -246.418728    -8.552268
-505.097000   -68.102492   -1624.599
 0.50000  -12.093701  -216.007823    -8.552268
-505.097000   -62.325316   -1721.065
 0.75000  -12.093701  -187.328652    -8.552268
-505.097000   -57.843030   -1817.578
 1.00000  -12.093701  -160.935553    -8.552268
-505.097000   -56.849726   -1914.123

 COMB     DL  ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.167962   432.420554    10.859145
542.856462   90.476440    3734.622
 0.25000   17.167962   454.210528    10.859145
543.241980   82.310737    3520.409
 0.50000   17.167962   477.495536    10.859145
543.669686   75.459910    3277.759
 0.75000   17.167962   501.803030    10.859145
560.907794   69.827411    3012.976
 1.00000   17.167962   526.628338    10.859145
581.014871   65.298199    2722.802

 COMB     DL  ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -15.308012  -246.488444   -11.101467
-528.820771   -85.712398   -2451.741
 0.25000  -15.308012  -225.612990   -11.101467
-529.300770   -77.225121   -2490.646
 0.50000  -15.308012  -205.452792   -11.101467
-529.780770   -70.850130   -2520.939
 0.75000  -15.308012  -186.530967   -11.101467
-530.260770   -71.456415   -2551.139
 1.00000  -15.308012  -169.259865   -11.101467
-530.740770   -74.317884   -2581.110

 COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.167962   432.420554    10.859145
542.856462   90.476440    3830.315
 0.25000   17.167962   454.210528    10.859145
543.241980   82.310737    3671.506
 0.50000   17.167962   477.495536    10.859145
543.669686   75.459910    3495.121
 0.75000   17.167962   501.803030    10.859145
560.907794   69.827411    3306.674
 1.00000   17.167962   526.628338    10.859145
581.014871   65.298199    3103.252
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1798

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.308012  -277.947268   -11.101467
-528.820771   -85.712398   -2451.741
 0.25000   -15.308012  -246.418728   -11.101467
-529.300770   -77.225121   -2490.646
 0.50000   -15.308012  -216.007823   -11.101467
-529.780770   -70.850130   -2520.939
 0.75000   -15.308012  -187.328652   -11.101467
-530.260770   -71.456415   -2551.139
 1.00000   -15.308012  -169.269865   -11.101467
-530.740770   -74.317884   -2581.110

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   17.167962   432.420554    10.859145
542.856462   90.476440    3830.315
 0.25000   17.167962   454.210528    10.859145
543.241980   82.310737    3671.506
 0.50000   17.167962   477.495536    10.859145
543.669686   75.459910    3495.121
 0.75000   17.167962   501.803030    10.859145
560.907794   69.827411    3306.674
 1.00000   17.167962   526.628338    10.859145
581.014871   65.298199    3103.252

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -15.308012  -277.947268   -11.101467
-528.820771   -85.712398   -2451.741
 0.25000   -15.308012  -246.418728   -11.101467
-529.300770   -77.225121   -2490.646
 0.50000   -15.308012  -216.007823   -11.101467
-529.780770   -70.850130   -2520.939
 0.75000   -15.308012  -187.328652   -11.101467
-530.260770   -71.456415   -2551.139
 1.00000   -15.308012  -169.269865   -11.101467
-530.740770   -74.317884   -2581.110

 ELEM      152 ================== LENGTH
=    4.928061

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.944201   39.292112     0.544581
248.907033   22.685303   377.167169
 0.25000    5.944201   39.304760     0.544581
248.928048   23.971745   334.192538
 0.50000    5.944201   39.318075     0.544581
248.958227   25.328967   292.533224
 0.75000    5.944201   39.331844     0.544581
248.991438   26.707821   252.576092
 1.00000    5.944201   39.347217     0.544581
249.029751   28.207765   214.793783

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.768896   -18.794715    -5.342785
-72.295613   -30.360261   -529.584802
 0.25000   -5.768896   -18.779500    -5.342785
-72.255218   -25.413369   -526.875263
 0.50000   -5.768896   -18.766125    -5.342785
-72.220743   -21.109223   -524.396327
 0.75000   -5.768896   -18.753469    -5.342785
-72.187869   -17.369129   -521.967449
 1.00000   -5.768896   -18.741793    -5.342785
-72.156942   -14.422460   -519.710202

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.739364   92.587236     0.617402
448.799596   28.117291   804.141592
 0.25000    9.739364   92.599879     0.617402
448.820570   30.694703   703.390613
 0.50000    9.739364   92.613188     0.617402
448.850456   33.981724   607.769319
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1799

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000    9.739364   92.626951     0.617402
448.883610   37.392085   517.955257
 1.00000    9.739364   92.642314     0.617402
448.921851   40.927267   434.103774

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -9.451449   -34.961646    -9.493388
-106.413284   -56.258261   -1019.227
 0.25000   -9.451449   -34.946441    -9.493388
-106.372965   -47.312873   -1026.432
 0.50000   -9.451449   -34.933072    -9.493388
-106.338548   -39.274306   -1034.014
 0.75000   -9.451449   -34.920422    -9.493388
-106.305732   -32.329775   -1041.762
 1.00000   -9.451449   -34.908750    -9.493388
-106.274862   -26.389925   -1049.781

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.346781   174.534908     0.669424
560.117694   28.005042    1426.713
 0.25000   10.346781   174.546287     0.669424
560.136578   30.513249    1242.219
 0.50000   10.346781   174.558267     0.669424
560.163528   33.559068    1069.350
 0.75000   10.346781   174.570655     0.669424
560.193377   36.808734    912.879164
 1.00000   10.346781   174.584483     0.669424
560.227807   40.325832    774.849094

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -10.004533   -49.126439    -9.182916
-101.264467   -53.011257    -1496.003
 0.25000   -10.004533   -49.117753    -9.182916
-101.228167   -44.567841    -1530.433
 0.50000   -10.004533   -49.100720    -9.182916
-101.197181   -37.168575    -1565.215
 0.75000   -10.004533   -49.089333    -9.182916
-101.167636   -30.960295    -1600.099
 1.00000   -10.004533   -49.078828    -9.182916
-101.139843   -25.937062    -1635.307

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.184642   294.598108     3.429909
522.948027   44.291844    2201.454
 0.25000   11.184642   306.464558     3.429909
522.948027   43.448357    1976.836
 0.50000   11.184642   318.981104     3.429909
540.401060   43.212135    1752.300
 0.75000   11.184642   331.935011     3.429909
558.139454   43.270707    1534.730
 1.00000   11.184642   346.091596     3.429909
587.748182   43.798075    1324.626

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -10.692790  -128.834182    -7.918958
-321.516464   -57.159061    -1771.633
 0.25000   -10.692790  -114.841812    -7.918958
-288.271660   -51.537604    -1838.935
 0.50000   -10.692790  -102.290593    -7.918958
-262.798500   -46.795355    -1906.530
 0.75000   -10.692790   -90.434589    -7.918958
-241.017805   -43.047001    -1974.225
 1.00000   -10.692790   -79.511676    -7.918958
-218.651516   -40.283645    -2042.271

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.640409   76.258201     0.241610
219.826101    4.279736   593.632605
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1800

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000    3.640409   76.397300     0.241610
220.057088    5.279764   514.658123
 0.50000    3.640409   76.543742     0.241610
220.387770    6.867602   439.914737
 0.75000    3.640409   76.695173     0.241610
220.752837    8.574943   370.717902
 1.00000    3.640409   76.864231     0.241610
221.173961   10.574920   307.845763

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.532692   -20.130893    -3.949795
-29.022202   -24.127662   -604.889238
 0.25000   -3.532692   -19.963574    -3.949795
-28.578191   -20.483836   -623.600577
 0.50000   -3.532692   -19.816481    -3.949795
-28.199225   -17.145183   -642.311921
 0.75000   -3.532692   -19.677286    -3.949795
-27.837860   -14.267569   -661.093292
 1.00000   -3.532692   -19.548869    -3.949795
-27.497919   -11.595211   -679.877153

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.078736   202.065099     1.199101
372.170350   12.789212    1534.037
 0.25000    5.078736   202.077743     1.199101
372.191341   12.719088    1326.670
 0.50000    5.078736   202.091155     1.199101
372.221344   13.210453    1141.449
 0.75000    5.078736   202.104820     1.199101
372.254521   13.908063   988.405324
 1.00000    5.078736   202.120187     1.199101
372.292790   14.903072   867.765484

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.786472   -42.320529    -3.932151
-85.921207   -27.017262   -1255.767
 0.25000   -4.786472   -42.305320    -3.932151
-85.880858   -24.108183   -1311.716
 0.50000   -4.786472   -42.291949    -3.932151
-85.846418   -21.710223   -1367.665
 0.75000   -4.786472   -42.279296    -3.932151
-85.813579   -19.855175   -1423.708
 1.00000   -4.786472   -42.267623    -3.932151
-85.782686   -18.497154   -1479.828

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.126402   217.398359     1.323293
535.295443   25.198778    1703.396
 0.25000    9.126402   217.409739     1.323293
535.314334   26.790642    1477.267
 0.50000    9.126402   217.421719     1.323293
535.341337   28.806273    1272.569
 0.75000    9.126402   217.434108     1.323293
535.371196   31.006157    1098.625
 1.00000    9.126402   217.447938     1.323293
535.405639   33.475678    955.711483

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -8.724457   -53.288184    -7.801237
-128.006520   -49.623799    -1569.070
 0.25000   -8.724457   -53.274496    -7.801237
-127.970205   -42.935465    -1619.897
 0.50000   -8.724457   -53.262462    -7.801237
-127.939209   -37.092546    -1670.984
 0.75000   -8.724457   -53.251075    -7.801237
-127.909654   -32.156359    -1722.280
 1.00000   -8.724457   -53.240569    -7.801237
-127.881851   -28.112567    -1773.706
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1801

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.379577   353.037893     5.024628
478.149612   48.847124    2558.517
 0.25000   11.379577   371.397155     5.024628
478.149612   46.411474    2323.792
 0.50000   11.379577   390.672217     5.024628
478.149612   44.647646    2079.078
 0.75000   11.379577   410.713896     5.024628
478.149612   43.390803    1829.704
 1.00000   11.379577   431.979954     5.024628
486.853468   42.927794    1576.274

 COMB DB-G2-4 ------------------- MIN
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```
 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -10.859901 -170.119096   -6.758904
-371.055642  -56.965207 -1848.982
 0.25000  -10.859901 -149.139405   -6.758904
-349.251917  -53.144845 -1935.380
 0.50000  -10.859901 -129.786627   -6.758904
-324.745575  -50.029063 -2021.995
 0.75000  -10.859901 -111.549429   -6.758904
-306.580444  -47.675768 -2108.772
 1.00000  -10.859901  -94.778321   -6.758904
-306.580444  -46.071049 -2195.831

 COMB DB-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   6.598048  271.931993    6.793095
 74.796512  48.284232  1820.011
 0.25000   6.598048  295.508995    6.793095
 74.796512  41.891694  1725.051
 0.50000   6.598048  320.581038    6.793095
 74.796512  36.256134  1599.327
 0.75000   6.598048  346.613749    6.793095
 74.796512  31.477449  1440.320
 1.00000   6.598048  372.641102    6.793095
 74.796512  27.574316  1248.580

 COMB DB-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -6.300041 -173.038622   -0.427380
-451.543007  -26.807577 -837.398424
 0.25000  -6.300041 -147.464678   -0.427380
-451.543007  -29.611173 -908.661569
 0.50000  -6.300041 -122.493075   -0.427380
-451.543007  -32.415138 -979.988492
 0.75000  -6.300041  -99.069711   -0.427380
-451.543007  -35.219575 -1051.315
 1.00000  -6.300041  -77.632366   -0.427380
-451.543007  -38.025250 -1122.927

 COMB DB-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   8.425782  411.216083    9.142128
 185.585725  64.071674  2814.935
 0.25000   8.425782  439.327137    9.142128
 185.585725  55.354365  2608.560
 0.50000   8.425782  469.159972    9.142128
 185.585725  47.460039  2387.869
 0.75000   8.425782  500.118691    9.142128
 185.585725  40.551557  2141.283
 1.00000   8.425782  531.615154    9.142128
 185.585725  34.679097  1880.266

 COMB DB-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -7.904979 -221.238041   -0.742572
-552.508530  -38.617984  -1436.056
 0.25000  -7.904979 -190.252606   -0.742572
-552.508530  -41.486180  -1545.816
 0.50000  -7.904979 -160.498094   -0.742572
-552.508530  -46.370749  -1655.622
 0.75000  -7.904979 -132.552747   -0.742572
-552.508530  -50.272201  -1765.426
 1.00000  -7.904979 -106.926608   -0.742572
-552.508530  -54.186364  -1875.558
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1802

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   9.960853  443.485910    7.734698
339.213930  58.514443  3103.894
 0.25000   9.960853  469.265119    7.734698
339.213930  51.675373  2845.505
 0.50000   9.960853  496.617654    7.734698
339.213930  45.611423  2570.019
 0.75000   9.960853  525.200873    7.734698
339.213930  40.096540  2283.672
 1.00000   9.960853  553.927592    7.734698
339.213930  36.746117  1987.575

 COMB DB-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -9.427572 -218.036372   -2.612605
-489.787621  -42.586470  -1834.362
 0.25000  -9.427572 -189.575552   -2.612605
-489.787621  -44.179921  -1953.958
 0.50000  -9.427572 -162.291007   -2.612605
-489.787621  -46.161696  -2073.589
 0.75000  -9.427572 -136.662148   -2.612605
-489.787621  -48.407640  -2193.276
 1.00000  -9.427572 -113.156207   -2.612605
-489.787621  -51.045762  -2313.297

 COMB DB-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  11.870929  404.932632    6.681979
452.005023  56.262385  2887.192
 0.25000  11.870929  426.425715    6.681979
452.005023  51.943633  2632.689
 0.50000  11.870929  449.230357    6.681979
452.005023  48.562684  2365.873
 0.75000  11.870929  472.894258    6.681979
452.005023  46.071660  2092.188
 1.00000  11.870929  497.012971    6.681979
452.005023  44.563322  1811.990

 COMB DB-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -11.322739 -194.745647   -5.798649
-443.015504  -57.701685  -1914.201
 0.25000  -11.322739 -171.015281   -5.798649
-443.015504  -55.496068  -2017.584
 0.50000  -11.322739 -148.267198   -5.798649
-443.015504  -53.846175  -2121.050
 0.75000  -11.322739 -126.899408   -5.798649
-443.015504  -52.838820  -2224.740
 1.00000  -11.322739 -107.301445   -5.798649
-443.015504  -52.409044  -2328.725

 COMB DL-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   8.410433  56.132406    0.718104
320.506605  30.635301  444.205716
 0.25000   8.410433  56.139989    0.718104
320.519945  33.278712  382.901555
 0.50000   8.410433  56.148092    0.718104
320.534782  36.380729  322.259148
 0.75000   8.410433  56.156579    0.718104
320.550775  40.073922  279.543678
 1.00000   8.410433  56.165317    0.718104
320.567524  44.387288  251.677708

 COMB DL-G1-1 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -7.987586  -31.458732   -6.771424
-142.775089  -32.037512  -726.106758
 0.25000  -7.987586  -31.451758   -6.771424
-142.756060  -27.021227  -690.233614
 0.50000  -7.987586  -31.445127   -6.771424
-142.737843  -22.671767  -655.406196
 0.75000  -7.987586  -31.438970   -6.771424
-142.720832  -19.182094  -640.594601
 1.00000  -7.987586  -31.433410   -6.771424
-142.705358  -16.620244  -644.599581

Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1803

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  13.615198  132.409526    0.780397
572.197807  37.279556  908.079180
 0.25000  13.615198  132.417106    0.780397
572.211101  42.446560  770.808230
 0.50000  13.615198  132.425205    0.780397
572.225889  48.862871  636.153920
 0.75000  13.615198  132.433688    0.780397
572.241831  56.470332  543.013229
 1.00000  13.615198  132.442422    0.780397
572.258526  65.306917  475.905205

 COMB DL-G1-2 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -13.023232  -54.542636  -13.002511
-206.500497  -59.496302  -1382.325
 0.25000 -13.023232  -54.535668  -13.002511
-206.481512  -49.318186  -1331.683
 0.50000 -13.023232  -54.529041  -13.002511
-206.463336  -40.572225  -1283.637
 0.75000 -13.023232  -54.522889  -13.002511
-206.446363  -33.587627  -1282.360
 1.00000 -13.023232  -54.517333  -13.002511
-206.430925  -28.311277  -1311.961

 COMB DL-G1-3 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  14.324821  253.301565    0.951348
679.460869  36.601822  1526.950
 0.25000  14.324821  253.519904    0.951348
679.843947  41.176608  1284.734
 0.50000  14.324821  253.753162    0.951348
680.270087  46.692805  1054.936
 0.75000  14.324821  253.997508    0.951348
680.729459  53.271699  897.528945
 1.00000  14.324821  254.249667    0.951348
681.210541  61.073487  783.378192

 COMB DL-G1-3 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -13.372374  -75.943241  -12.122058
-198.813776  -60.311934  -2035.456
 0.25000 -13.372374  -75.742519  -12.122058
-198.266811  -50.926964  -1995.144
 0.50000 -13.372374  -75.551649  -12.122058
-197.743154  -42.729777  -1966.915
 0.75000 -13.372374  -75.374448  -12.122058
-197.254146  -36.098283  -2024.661
 1.00000 -13.372374  -75.214412  -12.122058
-196.809347  -31.152561  -2130.196

 COMB DL-G1-4 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.244043  379.168708    5.176971
637.807931  51.533278  2098.023
 0.25000  15.244043  390.290298    5.176971
649.915536  52.123994  1805.104
 0.50000  15.244043  402.152117    5.176971
667.860629  53.826569  1523.831
 0.75000  15.244043  414.555431    5.176971
686.939435  56.754240  1327.621
 1.00000  15.244043  427.296818    5.176971
707.095209  61.075255  1163.992

 COMB DL-G1-4 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -13.926227 -144.731014  -10.468571
-408.498408  -66.862055  -2359.357
 0.25000 -13.926227 -134.732129  -10.468571
-383.998644  -61.119228  -2349.126
 0.50000 -13.926227 -125.207078  -10.468571
-360.461472  -56.578778  -2380.533
 0.75000 -13.926227 -116.356170  -10.468571
-338.456115  -53.658599  -2513.067
 1.00000 -13.926227 -108.362851  -10.468571
-318.525610  -52.483259  -2704.306
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1804

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   4.935517  107.254533    0.294746
265.530328   4.769541  610.525238
 0.25000   4.935517  107.330740    0.294746
265.663265   6.339530  508.732226
 0.50000   4.935517  107.411726    0.294746
265.811149   8.795821  410.394975
 0.75000   4.935517  107.496562    0.294746
265.976568  12.168791  345.018567
 1.00000   4.935517  107.583901    0.294746
266.137521  16.216720  293.782780

 COMB DL-G2-1 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -4.711428  -27.572927   -5.782584
-51.204011  -26.493423 -798.604457
 0.25000  -4.711428  -27.503240   -5.782584
-51.014165  -21.047255 -788.817415
 0.50000  -4.711428  -27.436974   -5.782584
-50.830408  -16.558669 -781.049559
 0.75000  -4.711428  -27.375452   -5.782584
-50.662678  -13.464852 -812.504218
 1.00000  -4.711428  -27.319892   -5.782584
-50.508293  -11.198576 -860.237780

 COMB DL-G2-2 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   6.768746  277.538151    2.026677
416.917943  14.122076  1473.575
 0.25000   6.768746  277.545734    2.026677
416.931275  14.352789  1225.671
 0.50000   6.768746  277.553836    2.026677
416.946104  15.190752  1001.252
 0.75000   6.768746  277.562323    2.026677
416.962089  16.699530  857.819478
 1.00000   6.768746  277.571060    2.026677
416.978829  19.027247  757.279296

 COMB DL-G2-2 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -5.947972  -62.320681   -5.330022
-98.767170  -33.661672  -1665.726
 0.25000  -5.947972  -62.313708   -5.330022
-98.748149  -29.902494  -1669.682
 0.50000  -5.947972  -62.307078   -5.330022
-98.729939  -26.831998  -1696.045
 0.75000  -5.947972  -62.300922   -5.330022
-98.712934  -24.724712  -1806.531
 1.00000  -5.947972  -62.295362   -5.330022
-98.697466  -23.608851  -1956.374

 COMB DL-G2-3 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  12.476058  301.094251    2.129118
633.211293  30.905275  1702.592
 0.25000  12.476058  301.101076    2.129118
633.223292  33.964915  1424.321
 0.50000  12.476058  301.108367    2.129118
633.236638  37.859379  1167.798
 0.75000  12.476058  301.116005    2.129118
633.251024  42.763423  1000.122
 1.00000  12.476058  301.123869    2.129118
633.266090  48.888527  881.648177

 COMB DL-G2-3 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -11.460714  -79.865627  -10.792964
-189.529284  -57.296677  -2185.130
 0.25000 -11.460714  -79.859351  -10.792964
-189.512165  -49.472865  -2161.600
 0.50000 -11.460714  -79.853384  -10.792964
-189.495776  -42.761248  -2164.516
 0.75000 -11.460714  -79.847843  -10.792964
-189.480471  -37.508164  -2258.170
 1.00000 -11.460714  -79.842840  -10.792964
-189.466550  -33.829916  -2397.372
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1805

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.270789  441.910085    7.187736
590.903944  52.764801  2365.852
 0.25000  15.270789  458.931831    7.187736
590.909572  51.437835  2052.592
 0.50000  15.270789  477.043663    7.187736
590.971534  51.299897  1758.865
 0.75000  15.270789  495.929377    7.187736
601.467516  52.416877  1532.152
 1.00000  15.270789  515.269241    7.187736
622.274849  55.015089  1336.520

 COMB DL-G2-4 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -13.893163 -174.581712   -9.334683
-479.415619  -69.378417  -2521.398
 0.25000 -13.893163 -159.790210   -9.334683
-451.866866  -65.600468  -2532.925
 0.50000 -13.893163 -145.671134   -9.334683
-423.540936  -62.987924  -2606.105
 0.75000 -13.893163 -132.527914   -9.334683
-399.455372  -61.885263  -2783.863
 1.00000 -13.893163 -120.653371   -9.334683
-392.806547  -62.450934  -3020.383

 COMB DL-G3-1 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   8.557235  305.593695    9.033061
132.498061  46.296378  1517.476
 0.25000   8.557235  327.676446    9.033061
132.498061  39.871108  1370.992
 0.50000   8.557235  351.073746    9.033061
132.498061  34.105267  1237.230
 0.75000   8.557235  375.363286    9.033061
132.498061  29.354183  1103.402
 1.00000   8.557235  400.067346    9.033061
132.498061  25.804912  964.366884

 COMB DL-G3-1 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -7.717935 -149.136835   -0.628892
-519.375835  -37.890473  -1087.067
 0.25000  -7.717935 -131.204221   -0.628892
-523.714108  -42.308439  -1141.370
 0.50000  -7.717935 -113.986720   -0.628892
-528.051836  -47.152595  -1259.577
 0.75000  -7.717935  -97.933924   -0.628892
-532.390653  -52.737326  -1472.416
 1.00000  -7.717935  -83.435380   -0.628892
-536.728116  -58.550866  -1613.761

 COMB DL-G3-2 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  10.931514  479.498578   12.848784
255.043724  63.783093  2377.042
 0.25000  10.931514  504.900753   12.848784
255.043724  54.521573  2099.365
 0.50000  10.931514  531.834432   12.848784
255.043724  46.189940  1853.656
 0.75000  10.931514  559.828519   12.848784
255.043724  39.116010  1649.085
 1.00000  10.931514  588.341828   12.848784
255.043724  33.676109  1462.001

 COMB DL-G3-2 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  -9.488652 -200.995904   -1.045811
-631.395671  -52.459548  -1896.448
 0.25000  -9.488652 -180.036175   -1.045811
-631.875627  -58.464378  -1972.056
 0.50000  -9.488652 -159.937419   -1.045811
-632.354509  -65.087875  -2138.143
 0.75000  -9.488652 -141.222783   -1.045811
-632.835539  -72.578210  -2382.306
 1.00000  -9.488652 -124.299315   -1.045811
-633.315496  -81.120799  -2681.539
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1806

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  12.967100  537.354688   10.841028
423.198962  57.566698  2723.837
 0.25000  12.967140  560.620965   10.841028
423.198962  50.355049  2377.701
 0.50000  12.967140  585.292052   10.841028
423.198962  44.121018  2063.387
 0.75000  12.967140  610.938327   10.841028
423.198962  39.283780  1814.882
 1.00000  12.967140  637.065081   10.841028
423.198962  36.131458  1594.750

 COMB DL-G3-3 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -11.416498 -205.309063   -3.399104
-578.073092  -59.613853  -2400.780
 0.25000 -11.416498 -186.073820   -3.399104
-577.989524  -62.220281  -2462.651
 0.50000 -11.416498 -167.631799   -3.399104
-577.902920  -65.273000  -2609.680
 0.75000 -11.416498 -150.461204   -3.399104
-577.822389  -70.429834  -2868.032
 1.00000 -11.416498 -134.933141   -3.399104
-577.738822  -76.485486  -3191.879

 COMB DL-G3-4 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.761155  499.114306    9.297564
569.497581  58.149861  2612.398
 0.25000  15.761155  518.509476    9.297564
569.497581  54.655616  2270.619
 0.50000  15.761155  539.075789    9.297564
569.497581  52.382611  1956.155
 0.75000  15.761155  560.455167    9.297564
569.497581  51.673457  1712.234
 1.00000  15.761155  582.235244    9.297564
569.497581  52.832821  1500.518

 COMB DL-G3-4 ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -14.292355 -190.497556   -8.298043
-551.412816  -73.529914  -2581.279
 0.25000 -14.292355 -174.461465   -8.298043
-551.325744  -71.533422  -2618.339
 0.50000 -14.292355 -159.086772   -8.298043
-551.237806  -70.728771  -2727.009
 0.75000 -14.292355 -144.772085   -8.298043
-551.151600  -71.492977  -2944.631
 1.00000 -14.292355 -131.826706   -8.298043
-551.064527  -73.983575  -3225.078

 COMB     DB ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  11.870929  443.485916    9.142128
560.117694  64.071674  3103.894
 0.25000  11.870929  469.265119    9.142128
560.136578  55.354365  2845.505
 0.50000  11.870929  496.617654    9.142128
560.163528  48.562684  2570.019
 0.75000  11.870929  525.000873    9.142128
560.193377  46.071660  2283.672
 1.00000  11.870929  553.927592    9.142128
587.748182  44.563322  1987.575

 COMB     DB ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -11.322739 -221.238041   -9.493388
-552.508530  -57.701685  -1914.201
 0.25000 -11.322739 -190.252606   -9.493388
-552.508530  -55.496068  -2017.584
 0.50000 -11.322739 -162.291007   -9.493388
-552.508530  -53.846175  -2121.050
 0.75000 -11.322739 -136.662148   -9.493388
-552.508530  -52.838820  -2224.740
 1.00000 -11.322739 -113.156224   -9.493388
-552.508530  -54.186364  -2328.725
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1807

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     DL ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.761155  537.354688   12.848784
679.460869  63.783093  2723.837
 0.25000  15.761155  560.620965   12.848784
679.843947  54.655616  2377.701
 0.50000  15.761155  585.292052   12.848784
680.270087  53.826569  2063.387
 0.75000  15.761155  610.938327   12.848784
686.939435  56.754240  1814.982
 1.00000  15.761155  637.065081   12.848784
707.095209  65.306917  1594.750

 COMB     DL ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -14.292355 -205.309063  -13.002511
-631.395671  -73.529914  -2581.279
 0.25000 -14.292355 -186.073820  -13.002511
-631.875627  -71.533422  -2618.339
 0.50000 -14.292355 -167.631799  -13.002511
-632.354509  -70.728771  -2727.009
 0.75000 -14.292355 -150.461204  -13.002511
-632.835539  -72.578210  -2944.631
 1.00000 -14.292355 -134.933141  -13.002511
-633.315496  -81.120799  -3225.078

 COMB     CAR ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.761155  537.354688   12.848784
679.460869  64.071674  3103.894
 0.25000  15.761155  560.620965   12.848784
679.843947  55.354365  2845.505
 0.50000  15.761155  585.292052   12.848784
680.270087  53.826569  2570.019
 0.75000  15.761155  610.938327   12.848784
686.939435  56.754240  2283.672
 1.00000  15.761155  637.065081   12.848784
707.095209  65.306917  1987.575

 COMB     CAR ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -14.292355 -221.238041  -13.002511
-631.395671  -73.529914  -2581.279
 0.25000 -14.292355 -190.252606  -13.002511
-631.875627  -71.533422  -2618.339
 0.50000 -14.292355 -167.631799  -13.002511
-632.354509  -70.728771  -2727.009
 0.75000 -14.292355 -150.461204  -13.002511
-632.835539  -72.578210  -2944.631
 1.00000 -14.292355 -134.933141  -13.002511
-633.315496  -81.120799  -3225.078

 COMB  DESIGN ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000  15.761155  537.354688   12.848784
679.460869  64.071674  3103.894
 0.25000  15.761155  560.620965   12.848784
679.843947  55.354365  2845.505
 0.50000  15.761155  585.292052   12.848784
680.270087  53.826569  2570.019
 0.75000  15.761155  610.938327   12.848784
686.939435  56.754240  2283.672
 1.00000  15.761155  637.065081   12.848784
707.095209  65.306917  1987.575

 COMB  DESIGN ------------------ MIN

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000 -14.292355 -221.238041  -13.002511
-631.395671  -73.529914  -2581.279
 0.25000 -14.292355 -190.252606  -13.002511
-631.875627  -71.533422  -2618.339
 0.50000 -14.292355 -167.631799  -13.002511
-632.354509  -70.728771  -2727.009
 0.75000 -14.292355 -150.461204  -13.002511
-632.835539  -72.578210  -2944.631
 1.00000 -14.292355 -134.933141  -13.002511
-633.315496  -81.120799  -3225.078
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                1808

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      153 ================== LENGTH
=     4.928729

 COMB DB-G1-1 ------------------ MAX

 REL DIST          P          V2          V3
      T         M2         M3
 0.00000   5.284092  38.088884    1.831952
```

```
264.935762    28.789869   213.797019
  0.25000     5.284092    38.101619     1.831952
264.953354    28.372719   175.844199
  0.50000     5.284092    38.114908     1.831952
264.986557    28.069709   140.624139
  0.75000     5.284092    38.128542     1.831952
265.020967    27.898653   109.079661
  1.00000     5.284092    38.143737     1.831952
265.060467    27.849869   117.771183

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -5.251524   -24.377326   -4.429666
-141.144183   -15.156686  -519.271178
  0.25000    -5.251524   -24.362469   -4.429666
-141.102594   -11.650585  -494.985807
  0.50000    -5.251524   -24.349776   -4.429666
-141.066249    -9.032353  -471.169448
  0.75000    -5.251524   -24.337852   -4.429666
-141.031533    -7.575836  -447.848963
  1.00000    -5.251524   -24.326966   -4.429666
-141.000379    -7.226431  -425.107815

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     8.655836    92.753748     1.386408
475.715086    41.683267   432.331799
  0.25000     8.655836    92.766478     1.386408
475.732009    43.268796   339.586528
  0.50000     8.655836    92.779763     1.386408
475.765156    46.524866   256.434049
  0.75000     8.655836    92.793392     1.386408
475.799510    49.624172   199.951427
  1.00000     8.655836    92.808577     1.386408
475.838941    53.409491   230.843029

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -8.599634   -40.121118    -9.878167
-221.477138   -21.664981   -1049.125
  0.25000    -8.599634   -40.106272    -9.878167
-221.435620   -17.523260   -1020.256
  0.50000    -8.599634   -40.093585    -9.878167
-221.399330   -10.501225   -992.469118
  0.75000    -8.599634   -40.081667    -9.878167
-221.364667    -7.431630   -965.230195
  1.00000    -8.599634   -40.070793    -9.878167
-221.333575    -7.865437   -938.819735

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     9.163768   184.963046     1.167255
597.296269    39.983849   772.793365
  0.25000     9.163768   184.974504     1.167255
597.311620    41.962922   587.626526
  0.50000     9.163768   184.986462     1.167255
597.341463    44.270657   422.161701
  0.75000     9.163768   184.998728     1.167255
597.372392    47.188116   293.794071
  1.00000     9.163768   185.012397     1.167255
597.407892    50.909133   345.112873

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -9.077974   -54.105720    -9.634747
-237.344559   -27.447722   -1634.675
  0.25000    -9.077974   -54.092357    -9.634747
-237.307180   -18.053097   -1632.014
  0.50000    -9.077974   -54.080937    -9.634747
-237.274509   -11.660187   -1630.217
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1809

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
  0.75000    -9.077974   -54.070210    -9.634747
-237.243303    -8.325892   -1628.966
  1.00000    -9.077974   -54.060421    -9.634747
-237.215309    -8.091263   -1628.779

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    10.076588   329.572362     4.506192
585.712007    43.191009   1323.055
  0.25000    10.076588   341.572892     4.506192
585.712007    41.020624   1064.296
  0.50000    10.076588   354.122486     4.506192
587.564447    38.485189   813.685189
  0.75000    10.076588   367.009915     4.506192
609.965148    41.726965   588.378066
  1.00000    10.076588   381.054580     4.506192
638.767779    45.046540   514.419626

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -9.873142  -110.503781    -8.221282
-409.603300   -41.272916   -2041.937
  0.25000    -9.873142   -96.988923    -8.221282
-379.043699   -34.462645   -2090.087
  0.50000    -9.873142   -85.128969    -8.221282
-356.828942   -30.133472   -2138.963
  0.75000    -9.873142   -74.008715    -8.221282
-333.447801   -26.451814   -2188.306
  1.00000    -9.873142   -64.187320    -8.221282
-326.064768   -29.827740   -2238.546

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     3.230162    80.681018     0.220044
231.894019    10.046992   307.047641
  0.25000     3.230162    80.821077     0.220044
232.084589    12.384780   229.306586
  0.50000     3.230162    80.967245     0.220044
232.449577    15.466268   159.846649
  0.75000     3.230162    81.117193     0.220044
232.827838    18.933657   119.324295
  1.00000     3.230162    81.284294     0.220044
233.262038    22.990615   141.412663

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -3.202419   -19.599633    -5.463171
-76.216727   -12.220330   -679.693730
  0.25000    -3.202419   -19.436259    -5.463171
-75.759560    -5.714915   -684.818366
  0.50000    -3.202419   -19.296659    -5.463171
-75.360006    -1.640809   -690.329993
  0.75000    -3.202419   -19.165519    -5.463171
-74.978367    -1.865478   -696.045023
  1.00000    -3.202419   -19.045826    -5.463171
-74.635944    -2.095228   -701.935610

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     4.537451   223.226713     1.694241
403.573380    13.653586   866.667885
  0.25000     4.537451   223.239444     1.694241
403.590570    14.432973   642.806302
  0.50000     4.537451   223.252731     1.694241
403.623740    16.823539   449.228921
  0.75000     4.537451   223.266362     1.694241
403.658116    20.078980   309.939592
  1.00000     4.537451   223.281551     1.694241
403.697575    24.194830   329.160696

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -4.406496   -39.193667    -5.250058
-138.351487   -19.167177   -1479.683
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1810

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
  0.25000    -4.406496   -39.178817    -5.250058
-138.309941   -14.030502   -1522.590
  0.50000    -4.406496   -39.166127    -5.250058
-138.273629   -11.461993   -1565.722
  0.75000    -4.406496   -39.154206    -5.250058
-138.238945   -11.383596   -1609.045
  1.00000    -4.406496   -39.143328    -5.250058
-138.207828   -11.999014   -1652.885

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     8.124871   235.778551     1.660812
576.037455    32.784239   953.904428
  0.25000     8.124871   235.790009     1.660812
576.052927    34.056705   717.132004
  0.50000     8.124871   235.801968     1.660812
576.082779    36.807068   510.493187
  0.75000     8.124871   235.814382     1.660812
576.113718    40.329332   359.631915
  1.00000     8.124871   235.827906     1.660812
576.149231    44.557178   394.370730

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -7.984495   -52.777093    -8.885408
-229.039150   -29.295888   -1773.258
  0.25000    -7.984495   -52.763728    -8.885408
-229.001758   -20.231145   -1795.450
  0.50000    -7.984495   -52.752308    -8.885408
-228.969077   -13.541455   -1818.327
  0.75000    -7.984495   -52.741579    -8.885408
-228.937862   -13.626678   -1841.742
  1.00000    -7.984495   -52.731788    -8.885408
-228.909857   -14.336794   -1865.813

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    10.330074   403.865920     5.361158
561.605384    42.067920   1575.300
  0.25000    10.330074   422.473145     5.361158
561.605384    38.613262   1284.980
  0.50000    10.330074   441.985008     5.361158
561.605384    36.826547   992.207020
  0.75000    10.330074   462.049677     5.361158
561.605384    36.010171   716.574282
  1.00000    10.330074   483.258366     5.361158
561.605384    39.733392   582.058434

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -10.093992  -133.003589    -7.558992
-455.460269   -46.826871   -2195.761
  0.25000   -10.093992  -113.053546    -7.558992
-430.786421   -40.469790   -2277.446
  0.50000   -10.093992   -94.875109    -7.558992
-403.515768   -36.134926   -2359.701
  0.75000   -10.093992   -77.872074    -7.558992
-403.515768   -37.346896   -2442.379
  1.00000   -10.093992   -64.119009    -7.558992
-403.515768   -38.987537   -2525.898

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     6.212475   333.514798     6.763186
173.103295    27.149132   1249.962
  0.25000     6.212475   357.775564     6.763186
173.103295    20.501966   1073.807
  0.50000     6.212475   383.363161     6.763186
173.103295    14.741380   867.225638
  0.75000     6.212475   409.742630     6.763186
173.103295    10.073408   628.725459
  1.00000     6.212475   435.987182     6.763186
173.103295     6.792744   390.221264
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1811

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -6.014653  -110.317467    -0.549173
-465.783513   -37.693162   -1123.485
  0.25000    -6.014653   -86.607100    -0.549173
-465.783513   -39.372864   -1230.284
  0.50000    -6.014653   -63.424571    -0.549173
-465.783513   -41.134857   -1337.090
  0.75000    -6.014653   -41.854054    -0.549173
-465.783513   -42.974945   -1444.417
  1.00000    -6.014653   -27.621050    -0.549173
-465.783513   -44.815907   -1551.783

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     7.939670   493.934548    10.275283
307.995385    33.821793   1881.538
  0.25000     7.939670   522.764525    10.275283
307.995385    24.199548   1569.242
  0.50000     7.939670   553.108194    10.275283
307.995385    17.217732   1240.566
  0.75000     7.939670   584.369995    10.275283
307.995385    11.696691   899.793083
  1.00000     7.939670   616.024031    10.275283
307.995385     7.916990   601.165334

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -7.610820  -147.909119    -0.570693
-551.978610   -53.527946   -1876.221
  0.25000    -7.610820  -119.111200    -0.570693
-551.978610   -55.949342   -2027.095
  0.50000    -7.610820   -91.393671    -0.570693
-551.978610   -58.890529   -2178.028
  0.75000    -7.610820   -65.569135    -0.570693
-551.978610   -62.545095   -2329.399
  1.00000    -7.610820   -47.378928    -0.570693
-551.978610   -66.968018   -2480.935

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     9.227441   523.761675     8.226217
458.887381    35.025713   1988.123
  0.25000     9.227441   550.191241     8.226217
458.887381    27.827891   1632.690
  0.50000     9.227441   578.002623     8.226217
458.887381    22.653428   1266.906
  0.75000     9.227441   606.653567     8.226217
458.887381    19.064121   903.059652
  1.00000     9.227441   635.715404     8.226217
458.887381    17.462411   663.364161

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -8.915313  -152.082004    -3.129416
-538.618358   -51.136292   -2313.786
  0.25000    -8.915313  -125.624055    -3.129416
-538.618358   -50.513472   -2461.386
  0.50000    -8.915313  -100.198624    -3.129416
-538.618358   -51.112588   -2609.006
  0.75000    -8.915313   -76.509841    -3.129416
-538.618358   -52.773598   -2757.171
  1.00000    -8.915313   -59.712240    -3.129416
-538.618358   -55.012088   -2905.873

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    10.858683   471.753792     6.970633
561.715800    43.511282   1811.756
  0.25000    10.858683   493.788810     6.970633
561.715800    39.087380   1479.897
  0.50000    10.858683   516.975690     6.970633
561.715800    36.377025   1143.046
  0.75000    10.858683   540.862464     6.970633
561.715800    35.114347   824.030771
  1.00000    10.858683   565.093517     6.970633
561.715800    35.800147   639.587188
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1812

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -10.580669  -140.398441    -6.865866
-527.133988   -52.664701   -2328.901
  0.25000   -10.580669  -118.337837    -6.865866
-527.133988   -47.478662   -2441.988
  0.50000   -10.580669   -97.139470    -6.865866
-527.133988   -44.829508   -2555.463
  0.75000   -10.580669   -77.389035    -6.865866
-527.133988   -46.364027   -2669.650
  1.00000   -10.580669   -63.383380    -6.865866
-527.133988   -48.382194   -2784.522

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     7.463410   54.056022     1.645164
341.054879    43.840603   250.547048
  0.25000     7.463410   54.064071     1.645164
341.068955    44.665404   224.463150
  0.50000     7.463410   54.072597     1.645164
341.084488    46.021177   204.127429
  0.75000     7.463410   54.081470     1.645164
341.101145    47.931114   191.566209
  1.00000     7.463410   54.090547     1.645164
341.118578    50.285240   195.043965

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -7.118553   -49.225009    -4.682771
-230.657553   -16.162888  -644.051680
  0.25000    -7.118553   -49.218481    -4.682771
-230.638485   -13.253865  -623.466318
  0.50000    -7.118553   -49.212333    -4.682771
-230.622932   -11.179216  -601.914928
  0.75000    -7.118553   -49.206700    -4.682771
-230.603495    -9.996512  -601.196022
  1.00000    -7.118553   -49.201684    -4.682771
-230.588213    -9.703544  -605.039500

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    12.019501   126.343409     1.387466
608.283904    64.244716   473.936521
  0.25000    12.019501   126.351456     1.387466
608.297933    70.756773   410.577436
  0.50000    12.019501   126.359979     1.387466
608.313418    78.884375   363.931291
  0.75000    12.019501   126.368849     1.387466
608.330024    89.055835   340.030361
  1.00000    12.019501   126.377922     1.387466
608.347405   100.500425   354.047850

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -11.602095   -79.263312   -12.643975
-353.195003   -27.578114   -1311.316
  0.25000   -11.602095   -79.256749   -12.643975
-353.175978   -19.415950   -1306.723
  0.50000   -11.602095   -79.250646   -12.643975
-353.157885   -13.532380   -1318.804
  0.75000   -11.602095   -79.245019   -12.643975
-353.141068   -11.570378   -1352.933
  1.00000   -11.602095   -79.240007   -12.643975
-353.125816   -10.746450   -1407.404

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    12.494231   261.271227     1.412349
737.369344    59.440755   781.144490
  0.25000    12.494231   261.502989     1.412349
737.773620    64.890463   654.743780
  0.50000    12.494231   261.748482     1.412349
738.219808    71.866657   561.793518
  0.75000    12.494231   262.003944     1.412349
738.698303    80.717848   509.273695
  1.00000    12.494231   262.265273     1.412349
739.199116    90.975136   523.692806
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1813

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -11.764389   -98.784123   -12.088438
-366.311592   -30.467204   -2129.757
  0.25000   -11.764389   -98.596240   -12.088438
-365.763481   -22.300884   -2212.420
  0.50000   -11.764389   -98.419305   -12.088438
-365.242199   -16.186846   -2328.807
  0.75000   -11.764389   -98.257214   -12.088438
-364.757711   -13.367719   -2484.430
  1.00000   -11.764389   -98.112850   -12.088438
-364.318286   -12.014360   -2675.669

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    13.685578   427.928752     5.794881
723.058019    59.182962   1162.276
  0.25000    13.685578   439.829025     5.794881
731.315381    60.598099   997.994740
  0.50000    13.685578   452.422956     5.794881
750.136897    64.232384   863.436701
  0.75000    13.685578   465.504014     5.794881
770.448263    70.683257   769.716610
  1.00000    13.685578   478.861937     5.794881
791.731178    79.508055   738.108065

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -12.624104  -147.414418   -10.338303
-539.059794   -51.566134   -2703.788
  0.25000   -12.624104  -138.147663   -10.338303
-514.418497   -47.213883   -2910.819
  0.50000   -12.624104  -129.419051   -10.338303
-490.871592   -45.236233   -3165.789
  0.75000   -12.624104  -121.405480   -10.338303
-468.980471   -46.698250   -3473.307
  1.00000   -12.624104  -114.275410   -10.338303
-449.170416   -50.331126   -3833.315

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     4.274388   105.756511     0.251400
285.585635    15.360872   292.950783
  0.25000     4.274388   105.836981     0.251400
285.725931    20.917554   240.823544
  0.50000     4.274388   105.922217     0.251400
285.880777    27.839315   203.606076
  0.75000     4.274388   106.010914     0.251400
286.046836    36.305660   186.106120
  1.00000     4.274388   106.101548     0.251400
286.220642    45.401898   197.008946

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -4.152610   -32.321658    -8.078141
-110.538400   -10.886561   -860.277577
  0.25000    -4.152610   -32.256431    -8.078141
-110.348156    -5.852109   -902.896794
  0.50000    -4.152610   -32.195004    -8.078141
-110.167222    -2.287960   -961.610678
  0.75000    -4.152610   -32.138753    -8.078141
-109.999058    -2.427367   -1036.076
  1.00000    -4.152610   -32.088612    -8.078141
-109.846536    -2.658742   -1124.601

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     5.905975   302.044886     2.323338
466.047924    17.631376   756.141912
  0.25000     5.905975   302.052935     2.323338
466.061992    20.679232   609.435718
  0.50000     5.905975   302.061461     2.323338
466.077517    25.721878   503.155121
  0.75000     5.905975   302.070333     2.323338
466.094165    32.498665   450.148716
  1.00000     5.905975   302.079409     2.323338
466.111589    40.301200   462.923741
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1814

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -5.262069   -62.651377    -7.430979
-170.106686   -23.235568   -1956.522
  0.25000    -5.262069   -62.644849    -7.430979
-170.087626   -19.290744   -2119.633
  0.50000    -5.262069   -62.638702    -7.430979
-170.069499   -17.198938   -2321.471
  0.75000    -5.262069   -62.633070    -7.430979
-170.052648   -18.202516   -2561.317
  1.00000    -5.262069   -62.628054    -7.430979
-170.037372   -20.069533   -2837.763

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    10.956497   320.749061     2.256031
693.304072    47.182141   879.710059
  0.25000    10.956497   320.756305     2.256031
693.316733    52.393164   722.702200
  0.50000    10.956497   320.763978     2.256031
693.330706    59.948705   608.371960
  0.75000    10.956497   320.771963     2.256031
693.345689    69.904079   540.288769
  1.00000    10.956497   320.780132     2.256031
693.361371    81.634251   567.976192

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -10.180869   -92.871775   -11.971589
-321.989315   -33.160127   -2397.045
  0.25000    -10.180869   -92.865900   -11.971589
-321.972161   -25.778215   -2524.588
  0.50000    -10.180869   -92.860368   -11.971589
-321.955847   -21.502121   -2716.164
  0.75000    -10.180869   -92.855300   -11.971589
-321.940681   -20.396434   -2924.254
  1.00000    -10.180869   -92.850786   -11.971589
-321.926932   -22.271674   -3172.812

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    13.858424   516.262724     6.844587
702.974579    52.945350   1335.337
  0.25000    13.858424   534.702430     6.844587
702.975942    53.615109   1151.650
  0.50000    13.858424   554.179503     6.844587
703.384192    56.588063   994.744265
  0.75000    13.858424   574.359235     6.844587
705.625852    62.254071   874.897782
  1.00000    13.858424   594.911593     6.844587
727.461449    71.302549   816.218654

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -12.758066  -161.840425   -10.174179
-597.973298   -61.454607   -3019.762
  0.25000   -12.758066  -148.361168   -10.174179
-569.417300   -57.833596   -3296.502
  0.50000   -12.758066  -135.633119   -10.174179
-540.462800   -56.396782   -3648.003
  0.75000   -12.758066  -123.942305   -10.174179
-528.242215   -59.544095   -4038.530
  1.00000   -12.758066  -113.558999   -10.174179
-522.521020   -65.070081   -4488.662

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000     8.258637   407.988300     8.017971
258.527103    24.681746   965.334612
  0.25000     8.258637   432.486906     8.017971
258.527103    19.230555   856.246706
  0.50000     8.258637   458.254111     8.017971
258.527103    14.567086   744.228158
  0.75000     8.258637   484.848489     8.017971
258.527103    11.181945   632.044264
  1.00000     8.258637   511.796044     8.017971
258.527103     9.172255   525.841863
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   1815

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    -7.552533  -108.210169    -0.705590
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-562.520851  -57.785089  -1613.058
 0.25000    -7.552533  -92.470399   -0.705590
-566.859711  -61.603941  -1895.092
 0.50000    -7.552533  -77.471444   -0.705590
-571.198572  -66.071960  -2213.229
 0.75000    -7.552533  -63.716816   -0.705590
-575.537433  -71.279509  -2570.387
 1.00000    -7.552533  -51.529699   -0.705590
-579.876201  -77.243863  -2971.709

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    10.619994  616.008907   12.630466
407.252815   32.025176  1462.860
 0.25000    10.619994  644.040093   12.630466
407.252815   24.176347  1265.822
 0.50000    10.619994  673.545385   12.630466
407.252815   18.602714  1084.694
 0.75000    10.619994  704.019311   12.630466
407.252815   15.001987  934.502260
 1.00000    10.619994  734.935023   12.630466
407.252815   12.892021  816.961427

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.386964 -150.171479   -0.926380
-662.984502  -80.030971  -2680.826
 0.25000   -9.386964 -131.600300   -0.926380
-663.464523  -76.464342  -3090.898
 0.50000   -9.386964 -113.961807   -0.926380
-663.944544  -94.454467  -3558.351
 0.75000   -9.386964  -97.773416   -0.926380
-664.424566 -104.069152  -4085.158
 1.00000   -9.386964  -83.409650   -0.926380
-664.904577 -115.217329  -4678.684

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.129002  662.819574   10.304839
583.356175   33.810024  1594.900
 0.25000   12.129002  688.476999   10.304839
583.356175   28.866454  1367.165
 0.50000   12.129002  715.487453   10.304839
583.356175   26.257947  1167.949
 0.75000   12.129002  743.383331   10.304839
583.356175   25.933554  1010.469
 1.00000   12.129002  771.690008   10.304839
583.356175   27.602244  910.322250

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.839095 -162.252988   -4.527515
-660.099978  -75.406906  -3191.361
 0.25000  -10.839095 -145.190936   -4.527515
-660.016399  -77.542071  -3617.857
 0.50000  -10.839095 -128.988974   -4.527515
-659.932821  -81.301346  -4112.116
 0.75000  -10.839095 -114.119379   -4.527515
-659.849242  -87.519428  -4676.061
 1.00000  -10.839095 -100.923471   -4.527515
-659.765665  -95.596263  -5314.550

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.465492  600.262510    8.731932
715.754493   50.552830  1499.888
 0.25000   14.465492  621.649989    8.731932
715.754493   50.211681  1285.321
 0.50000   14.465492  644.165792    8.731932
715.754493   52.694752  1103.394
 0.75000   14.465492  667.420362    8.731932
715.754493   58.399658  962.066273
 1.00000   14.465492  691.016980    8.731932
715.754493   66.238988  885.802849
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1816

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.292732 -163.114330   -9.928332
-674.309215  -82.947839  -3224.383
 0.25000  -13.292732 -148.889847   -9.928332
-674.282130  -70.494629  -3574.715
 0.50000  -13.292732 -135.382062   -9.928332
-674.195046  -70.644710  -3988.239
 0.75000  -13.292732 -122.984551   -9.928332
-674.107962  -75.778749  -4467.543
 1.00000  -13.292732 -111.982867   -9.928332
-674.020880  -82.653665  -5016.928

 COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.858683  523.761675   10.275283
597.296269   43.511282  1988.123
 0.25000   10.858683  550.191241   10.275283
597.311620   43.968796  1632.690
 0.50000   10.858683  578.002623   10.275283
597.341463   46.524866  1266.906
 0.75000   10.858683  606.653567   10.275283
609.965148   49.624172  903.059552
 1.00000   10.858683  635.715404   10.275283
638.767779   53.409491  663.364161

 COMB       DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.580669 -152.082004   -9.878167
-551.978610  -53.527946  -2328.901
 0.25000  -10.580669 -125.624055   -9.878167
-551.978610  -55.949342  -2461.386
 0.50000  -10.580669 -100.198624   -9.878167
-551.978610  -58.990529  -2609.006
 0.75000  -10.580669  -77.872074   -9.878167
-551.978610  -62.545095  -2757.171
 1.00000  -10.580669  -64.187320   -9.878167
-551.978610  -66.968018  -2905.873

 COMB       DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.465492  662.819574   12.630466
737.369344   64.244716  1594.900
 0.25000   14.465492  688.476999   12.630466
737.773620   70.756773  1367.165
 0.50000   14.465492  715.487453   12.630466
750.136897   78.884375  1167.949
 0.75000   14.465492  743.383331   12.630466
770.448263   89.055835  1010.469
 1.00000   14.465492  771.690008   12.630466
791.731178  100.500425  910.322250

 COMB       DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.292732 -163.114330  -12.643975
-674.369215  -80.030971  -3224.383
 0.25000  -13.292732 -148.889847  -12.643975
-674.282130  -89.464342  -3617.857
 0.50000  -13.292732 -135.633119  -12.643975
-674.195046  -94.454467  -4112.116
 0.75000  -13.292732 -123.942305  -12.643975
-674.107962 -104.069152  -4676.061
 1.00000  -13.292732 -114.275410  -12.643975
-674.020880 -115.217329  -5314.550

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.465492  662.819574   12.630466
737.369344   64.244716  1988.123
 0.25000   14.465492  688.476999   12.630466
737.773620   70.756773  1632.690
 0.50000   14.465492  715.487453   12.630466
750.136897   78.884375  1266.906
 0.75000   14.465492  743.383331   12.630466
770.448263   89.055835  1010.469
 1.00000   14.465492  771.690008   12.630466
791.731178  100.500425  910.322250

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -13.292732 -163.114330  -12.643975
-674.369215  -80.030971  -3224.383
 0.25000  -13.292732 -148.889847  -12.643975
-674.282130  -89.464342  -3617.857
 0.50000  -13.292732 -135.633119  -12.643975
-674.195046  -94.454467  -4112.116
 0.75000  -13.292732 -123.942305  -12.643975
-674.107962 -104.069152  -4676.061
 1.00000  -13.292732 -114.275410  -12.643975
-674.020880 -115.217329  -5314.550

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.465492  662.819574   12.630466
737.369344   64.244716  1988.123
 0.25000   14.465492  688.476999   12.630466
737.773620   70.756773  1632.690
 0.50000   14.465492  715.487453   12.630466
750.136897   78.884375  1266.906
 0.75000   14.465492  743.383331   12.630466
770.448263   89.055835  1010.469
 1.00000   14.465492  771.690008   12.630466
791.731178  100.500425  910.322250

 COMB      DAN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   14.465492  662.819574   12.630466
737.369344   64.244716  1988.123
 0.25000   14.465492  688.476999   12.630466
737.773620   70.756773  1632.690
 0.50000   14.465492  715.487453   12.630466
750.136897   78.884375  1266.906
 0.75000   14.465492  743.383331   12.630466
770.448263   89.055835  1010.469
 1.00000   14.465492  771.690008   12.630466
791.731178  100.500425  910.322250

 COMB      DAN
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 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.504244  103.833842    2.745655
554.626951   99.447216  353.579061
 0.25000   10.504244  103.840161    2.745655
554.638462  102.141770  373.047518
 0.50000   10.504244  103.846660    2.745655
554.650581  105.070816  396.758596
 0.75000   10.504244  103.853276    2.745655
554.663177  108.416122  424.042544
 1.00000   10.504244  103.859947    2.745655
554.676107  112.724879  454.190873

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.078760 -131.334742   -7.720508
-529.277589   -8.907429   -1407.375
 0.25000  -10.078760 -131.330317   -7.720508
-529.263971   -8.138442   -1397.049
 0.50000  -10.078760 -131.326159   -7.720508
-529.251049   -8.022772   -1391.422
 0.75000  -10.078760 -131.322327   -7.720508
-529.238912   -8.080146   -1390.151
 1.00000  -10.078760 -131.318862   -7.720508
-529.227692   -8.251067   -1392.622

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.879387  232.227892    2.867132
669.838356   89.536621  523.155381
 0.25000   10.879387  232.409887    2.867132
670.170007   91.864684  551.029159
 0.50000   10.879387  232.597083    2.867132
670.519204   94.509740  587.511600
 0.75000   10.879387  232.787613    2.867132
670.882126   97.632950  630.437882
 1.00000   10.879387  232.979744    2.867132
671.254662  101.713253  677.811677

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.124283 -150.622119   -7.532887
-590.882539  -10.128712   -2675.909
 0.25000  -10.124283 -150.494646   -7.532887
-590.490181   -9.209611   -2757.521
 0.50000  -10.124283 -150.374882   -7.532887
-590.117882   -8.973402   -2849.553
 0.75000  -10.124283 -150.264480   -7.532887
-589.768193   -8.954427   -2949.736
 1.00000  -10.124283 -150.164672   -7.532887
-589.444940   -9.080466   -3055.635

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.357982  455.574769    5.007218
710.462943   77.966918  737.617206
 0.25000   12.357982  464.971845    5.007218
723.254432   80.044181  731.836630
 0.50000   12.357982  474.631231    5.007218
738.467137   82.388021  741.266569
 0.75000   12.357982  484.456379    5.007218
754.343951   85.130605  762.431732
 1.00000   12.357982  494.354833    5.007218
770.681281   88.669024  804.777085

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.295616 -176.101959   -6.861760
-698.258067  -49.366741   -3833.411
 0.25000  -11.295616 -169.996249   -6.861760
-680.764529  -48.937518   -4065.296
 0.50000  -11.295616 -164.273151   -6.861760
-664.088360  -50.101207   -4316.305
 0.75000  -11.295616 -158.994016   -6.861760
-648.433309  -51.497198   -4586.084
 1.00000  -11.295616 -154.228615   -6.861760
-633.964779  -53.015414   -4872.306
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1823

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.697465   88.920995    0.157974
248.633736   45.012302  196.859629
 0.25000    3.697465   88.984186    0.157974
248.748839   48.160404  211.245866
 0.50000    3.697465   89.049182    0.157974
248.870033   51.395147  228.557720
 0.75000    3.697465   89.115335    0.157974
248.995992   54.662466  247.922118
 1.00000    3.697465   89.182046    0.157974
249.125289   57.995247  268.708206

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.564990  -55.947219   -4.570158
-201.392222   -1.971618   -1124.874
 0.25000   -3.564990  -55.902968   -4.570158
-201.256040   -2.062554   -1162.266
 0.50000   -3.564990  -55.861393   -4.570158
-201.126823   -2.157475   -1203.321
 0.75000   -3.564990  -55.823067   -4.570158
-201.005447   -2.271985   -1246.928
 1.00000   -3.564990  -55.788420   -4.570158
-200.893250   -2.388604   -1292.304

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.263957  291.951365    1.551739
428.337129   39.388621  462.664656
 0.25000    5.263957  291.957685    1.551739
428.348667   42.024790  464.055049
 0.50000    5.263957  291.964185    1.551739
428.360813   44.842753  487.087826
 0.75000    5.263957  291.970802    1.551739
428.373437   47.801035  525.984143
 1.00000    5.263957  291.977474    1.551739
428.386395   50.852466  569.861438

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.609381  -90.114598   -4.414344
-314.675213  -19.037615   -2838.264
 0.25000   -4.609381  -90.110167   -4.414344
-314.661568  -19.613420   -3005.921
 0.50000   -4.609381  -90.106005   -4.414344
-314.648621  -20.315636   -3185.632
 0.75000   -4.609381  -90.102168   -4.414344
-314.636460  -21.160424   -3376.356
 1.00000   -4.609381  -90.098699   -4.414344
-314.625219  -22.086969   -3573.342

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.666233  302.090868    2.482406
637.593303   80.348179  567.534663
 0.25000    9.666233  302.096556    2.482406
637.603687   83.690603  576.798728
 0.50000    9.666233  302.102407    2.482406
637.614619   87.236289  607.265029
 0.75000    9.666233  302.108362    2.482406
637.625980   91.122768  653.494791
 1.00000    9.666233  302.114367    2.482406
637.637642   95.715349  705.315771

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.879804 -140.482104   -7.156308
-530.442632  -20.160173   -3172.915
 0.25000   -8.879804 -140.478117   -7.156308
-530.430352  -20.750853   -3298.942
 0.50000   -8.879804 -140.474370   -7.156308
-530.418699  -21.468206   -3437.399
 0.75000   -8.879804 -140.470917   -7.156308
-530.407755  -22.329138   -3587.473
 1.00000   -8.879804 -140.467795   -7.156308
-530.397637  -23.220335   -3748.205
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1824

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   12.690413  584.999842    5.115312
733.321777   69.579548  815.901832
 0.25000   12.690413  599.676211    5.115312
734.267777   72.460542  794.099954
 0.50000   12.690413  614.747104    5.115312
736.286780   75.502760  786.889356
 0.75000   12.690413  630.063938    5.115312
739.375864   78.851851  791.561831
 1.00000   12.690413  645.465459    5.115312
752.740919   82.788719  841.368556

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -11.599551 -170.628074   -6.989446
-708.997724  -62.729095   -4488.408
 0.25000  -11.599551 -162.204768   -6.989446
-687.934461   -64.229569   -4809.672
 0.50000  -11.599551 -154.279836   -6.989446
-678.414628   -65.870341   -5155.246
 0.75000  -11.599551 -146.981664   -6.989446
-674.591762   -67.627837   -5525.127
 1.00000  -11.599551 -141.411660   -6.989446
-671.820395   -69.451995   -5921.117

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.032399  565.116442    5.035122
433.150885   8.159600  526.083990
 0.25000    8.032399  584.876497    5.035122
433.150885   6.832083  461.628171
 0.50000    8.032399  605.135149    5.035122
433.150885   5.859466  402.894429
 0.75000    8.032399  625.760554    5.035122
433.137853   5.470457  367.811145
 1.00000    8.032399  646.317674    5.035122
432.567805   5.622975  393.281552

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.376833  -57.094024   -2.265022
-510.779712   -76.193423   -2970.951
 0.25000   -7.376833  -48.383263   -2.265022
-513.816085   -77.138376   -3343.854
 0.50000   -7.376833  -40.192544   -2.265022
-516.852347   -78.356257   -3741.547
 0.75000   -7.376833  -38.858769   -2.265022
-519.875576   -79.776456   -4165.915
 1.00000   -7.376833  -38.777753   -2.265022
-522.341791   -81.395325   -4618.222

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   10.494735  800.436438    7.507049
598.559778   11.742078  817.117783
 0.25000   10.494735  822.970320    7.507049
598.559778   10.343839  723.116582
 0.50000   10.494735  846.098924    7.507049
598.559778    9.940597  656.299398
 0.75000   10.494735  869.552800    7.507049
598.559778   10.156433  625.769600
 1.00000   10.494735  893.133553    7.507049
598.554233   10.509285  670.773864

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.329197  -99.364029   -2.681356
-631.609535  -114.001077   -4678.000
 0.25000   -9.329197  -88.761830   -2.681356
-631.945458  -116.691094   -5192.676
 0.50000   -9.329197  -78.770236   -2.681356
-632.281369  -119.733189   -5741.436
 0.75000   -9.329197  -73.428558   -2.681356
-632.617280  -123.014301   -6327.914
 1.00000   -9.329197  -73.156023   -2.681356
-632.947667  -126.491510   -6949.390
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1825

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   11.541213  812.254326    6.463667
725.066540   25.963376  910.331180
 0.25000   11.541213  832.871776    6.463667
725.066540   25.969168  842.522960
 0.50000   11.541213  854.032858    6.463667
725.066540   27.101599  799.258689
 0.75000   11.541213  875.492762    6.463667
725.066540   28.785308  787.495179
 1.00000   11.541213  897.069749    6.463667
725.067325   30.695319  846.113324

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -10.291568 -127.752297   -4.610945
-707.615639  -93.991403   -5314.215
 0.25000  -10.291568 -117.973341   -4.610945
-707.557150   -95.783484   -5834.074
 0.50000  -10.291568 -108.758506   -4.610945
-707.498663   -97.997720   -6388.627
 0.75000  -10.291568 -103.423606   -4.610945
-707.440176  -100.473682   -6978.975
 1.00000  -10.291568 -103.150305   -4.610945
-707.382128  -103.164662   -7602.874

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.413659  715.069332    5.815283
810.222282   64.463275  885.665096
 0.25000   13.413659  732.255754    5.815283
810.222282   66.339215  837.945659
 0.50000   13.413659  749.895240    5.815283
810.222282   69.187484  812.093150
 0.75000   13.413659  767.783857    5.815283
810.222282   72.606976  813.600764
 1.00000   13.413659  785.770116    5.815283
810.223296   76.634672  874.671934

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.276099 -155.585631   -7.302973
-782.110484  -80.370620   -5016.560
 0.25000  -12.276099 -147.431454   -7.302973
-782.049541  -81.886338   -5441.037
 0.50000  -12.276099 -139.747700   -7.302973
-781.988601  -83.779913   -5898.684
 0.75000  -12.276099 -135.285715   -7.302973
-781.927661  -85.885512   -6383.368
 1.00000  -12.276099 -135.057063   -7.302973
-781.867369  -88.179642   -6897.393

 COMB DB ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    9.822566  617.335721    7.307369
637.013024   54.602625  663.523746
 0.25000    9.822566  637.142831    7.307369
637.013024   54.205241  576.637019
 0.50000    9.822566  657.363511    7.307369
637.013024   54.116042  567.165663
 0.75000    9.822566  677.870761    7.307369
637.013024   54.668269  619.770326
 1.00000    9.822566  698.182837    7.307369
637.013024   58.363507  672.374990

 COMB DB ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -9.796393 -114.198176   -7.322628
-615.783577   -66.044332   -2906.682
 0.25000   -9.796393 -105.439625   -7.322628
-615.783577   -66.457718   -3034.559
 0.50000   -9.796393  -98.799733   -7.322628
-615.783577   -67.047992   -3163.605
 0.75000   -9.796393  -93.646012   -7.322628
-615.783577   -67.721545   -3292.779
 1.00000   -9.796393  -92.534197   -7.322628
-615.783577   -68.542197   -3422.100
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1826

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.413659  812.254326    7.507049
810.222282   99.447216  910.331180
 0.25000   13.413659  832.871776    7.507049
810.222282  102.141770  842.522960
 0.50000   13.413659  854.032858    7.507049
810.222282  105.070816  812.093150
 0.75000   13.413659  875.492762    7.507049
810.222282  108.416122  813.600764
 1.00000   13.413659  897.069749    7.507049
810.223296  112.724879  874.671934

 COMB DL ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.276099 -176.101959   -7.720508
-782.110484  -114.001077   -5314.215
 0.25000  -12.276099 -169.996249   -7.720508
-782.049541  -116.691094   -5834.074
 0.50000  -12.276099 -164.273151   -7.720508
-781.988601  -119.733189   -6388.627
 0.75000  -12.276099 -158.994016   -7.720508
-781.927661  -123.014301   -6978.975
 1.00000  -12.276099 -154.228615   -7.720508
-781.867369  -126.491510   -7602.874

 COMB CAR ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.413659  812.254326    7.507049
810.222282   99.447216  910.331180
 0.25000   13.413659  832.871776    7.507049
810.222282  102.141770  842.522960
 0.50000   13.413659  854.032858    7.507049
810.222282  105.070816  812.093150
 0.75000   13.413659  875.492762    7.507049
810.222282  108.416122  813.600764
 1.00000   13.413659  897.069749    7.507049
810.223296  112.724879  874.671934

 COMB CAR ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.276099 -176.101959   -7.720508
-782.110484  -114.001077   -5314.215
 0.25000  -12.276099 -169.996249   -7.720508
-782.049541  -116.691094   -5834.074
 0.50000  -12.276099 -164.273151   -7.720508
-781.988601  -119.733189   -6388.627
 0.75000  -12.276099 -158.994016   -7.720508
-781.927661  -123.014301   -6978.975
 1.00000  -12.276099 -154.228615   -7.720508
-781.867369  -126.491510   -7602.874

 COMB DESIGN ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   13.413659  812.254326    7.507049
810.222282   99.447216  910.331180
 0.25000   13.413659  832.871776    7.507049
810.222282  102.141770  842.522960
 0.50000   13.413659  854.032858    7.507049
810.222282  105.070816  812.093150
 0.75000   13.413659  875.492762    7.507049
810.222282  108.416122  813.600764
 1.00000   13.413659  897.069749    7.507049
810.223296  112.724879  874.671934

 COMB DESIGN ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000  -12.276099 -176.101959   -7.720508
-782.110484  -114.001077   -5314.215
 0.25000  -12.276099 -169.996249   -7.720508
-782.049541  -116.691094   -5834.074
 0.50000  -12.276099 -164.273151   -7.720508
-781.988601  -119.733189   -6388.627
 0.75000  -12.276099 -158.994016   -7.720508
-781.927661  -123.014301   -6978.975
 1.00000  -12.276099 -154.228615   -7.720508
-781.867369  -126.491510   -7602.874
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1827

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      155 ================== LENGTH
=    3.449978

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.941052   47.422473    3.291689
197.832258   26.163715  171.379077
 0.25000    3.941052   47.427721    3.291689
197.846535   26.955860  173.101365
 0.50000    3.941052   47.434673    3.291689
197.872464   27.977372  174.860052
 0.75000    3.941052   47.443439    3.291689
197.899619   29.057433  176.665800
 1.00000    3.941052   47.452595    3.291689
197.928222   30.262899  178.477162

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -4.160490  -39.108979   -2.838555
-281.665371   -7.195125  -289.424617
 0.25000   -4.160490  -39.099658   -2.838555
-281.639120   -6.867567  -259.543698
 0.50000   -4.160490  -39.090198   -2.838555
-281.612793   -6.798333  -230.202024
 0.75000   -4.160490  -39.080803   -2.838555
-281.586979   -7.162434  -243.746749
 1.00000   -4.160490  -39.071517   -2.838555
-281.561584   -7.687895  -277.906642

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.470282   85.047921    7.285054
336.712683   56.383603  334.274351
 0.25000    6.470282   85.053163    7.285054
336.726328   56.249568  335.198339
 0.50000    6.470282   85.060077    7.285054
336.752218   56.443200  336.194160
 0.75000    6.470282   85.068838    7.285054
336.779303   56.919458  337.212575
 1.00000    6.470282   85.077487    7.285054
336.807865   57.483273  338.247966

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -6.806603  -94.480985   -3.022778
-482.361153   -4.522948   -736.882773
 0.25000   -6.806603  -94.471668   -3.022778
-482.334939   -4.669252   -664.749294
 0.50000   -6.806603  -94.462212   -3.022778
-482.308649   -4.818253   -593.942663
 0.75000   -6.806603  -94.452823   -3.022778
-482.282875   -4.970730   -594.127051
 1.00000   -6.806603  -94.443539   -3.022778
-482.257521   -5.851225   -649.284543

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.807859   99.086330    6.930486
401.654757   52.449390  502.388632
 0.25000    6.807859   99.091049    6.930486
401.667152   52.216107  499.194246
 0.50000    6.807859   99.097278    6.930486
401.690460   52.248454  496.067770
 0.75000    6.807859   99.105164    6.930486
401.714849   52.560199  492.959351
 1.00000    6.807859   99.113399    6.930486
401.740562   53.019077  489.867518

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -7.142272 -192.494851   -3.055800
-584.400077   -3.988334   -1484.068
 0.25000   -7.142272 -192.486464   -3.055800
-584.376477   -4.145915   -1340.313
 0.50000   -7.142272 -192.477953   -3.055800
-584.352810   -4.304872   -1199.066
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
                              1828

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.75000   -7.142272 -192.469500   -3.055800
-584.329606   -4.912236   -1152.965
 1.00000   -7.142272 -192.461146   -3.055800
-584.306780   -6.229480   -1202.621

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.822446   95.629004    6.478442
470.210658   46.081558  608.992458
 0.25000    7.822446  100.330247    6.478442
470.210658   45.979774  600.496840
 0.50000    7.822446  105.295560    6.478442
479.047016   46.107826  592.061613
 0.75000    7.822446  112.096947    6.478442
497.008640   46.461869  598.093330
 1.00000    7.822446  120.483512    6.478442
514.458301   46.939654  617.059118

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -8.139320  -408.513631   -5.084627
-652.022550   -26.736013   -2298.570
 0.25000   -8.139320  -399.746440   -5.084627
-635.352403   -25.388082   -2068.459
 0.50000   -8.139320  -390.859822   -5.084627
-617.536027   -24.244607   -1843.822
 0.75000   -8.139320  -382.052611   -5.084627
-606.818458   -23.813571   -1737.330
 1.00000   -8.139320  -373.370970   -5.084627
-606.817548   -24.846370   -1741.978

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.424434   40.370095    3.953212
145.821976   28.670146  204.554559
 0.25000    2.424434   40.427792    3.953212
145.976240   27.535089  202.367832
 0.50000    2.424434   40.504096    3.953212
146.261289   26.673809  200.181005
 0.75000    2.424434   40.600504    3.953212
146.559687   25.960501  198.011565
 1.00000    2.424434   40.701187    3.953212
146.874138   25.272189  196.264309

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.516383   -83.262126   -0.051912
-213.807347   -1.385467   -661.481768
 0.25000   -2.516383   -83.159613   -0.051912
-213.518749   -1.434062   -598.801592
 0.50000   -2.516383   -83.055572   -0.051912
-213.229314   -1.486030   -537.404204
 0.75000   -2.516383   -82.952238   -0.051912
-212.945535   -1.547963   -508.765930
 1.00000   -2.516383   -82.850111   -0.051912
-212.666376   -1.617227   -526.294443

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.475089   60.410130    3.731812
260.143207   27.873721  434.678513
 0.25000    3.475089   60.415374    3.731812
260.157105   26.560872  426.909486
 0.50000    3.475089   60.422303    3.731812
260.183011   25.491794  419.140459
 0.75000    3.475089   60.431067    3.731812
260.210124   24.592847  411.389376
 1.00000    3.475089   60.440218    3.731812
260.238702   23.773721  403.643991

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.618017  -239.205003   -1.359004
-381.646757  -12.428735   -1706.588
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD          >
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-3.618017	-239.195684	-1.359004
-381.620528	-11.780468	-1542.213	
0.50000	-3.618017	-239.186227	-1.359004
-381.594224	-11.158805	-1381.082	
0.75000	-3.618017	-239.176834	-1.359004
-381.568434	-10.644341	-1289.621	
1.00000	-3.618017	-239.167550	-1.359004
-381.543064	-11.096809	-1294.335	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.138033	92.166647	6.428052
388.045987	47.355910	533.918997	
0.25000	6.138033	92.171367	6.428052
388.058495	46.866198	527.832826	
0.50000	6.138033	92.177603	6.428052
388.081811	46.608707	521.750539	
0.75000	6.138033	92.185490	6.428052
388.106212	46.533182	515.684394	
1.00000	6.138033	92.193726	6.428052
388.131933	46.577460	509.655751	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.435720	-250.812900	-2.576570
-563.060318	-13.044829	-1812.453	
0.25000	-6.435720	-250.804513	-2.576570
-563.036712	-11.541364	-1637.038	
0.50000	-6.435720	-250.796001	-2.576570
-563.013038	-12.061716	-1465.006	
0.75000	-6.435720	-250.787548	-2.576570
-562.989827	-11.635610	-1387.782	
1.00000	-6.435720	-250.779193	-2.576570
-562.966994	-11.962938	-1418.750	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.183900	83.854228	6.572659
526.789438	41.252621	643.113431	
0.25000	8.183900	89.739443	6.572659
526.789438	40.958483	631.522340	
0.50000	8.183900	96.917448	6.572659
526.789438	40.857133	619.934546	
0.75000	8.183900	104.328565	6.572659
526.789438	40.910285	625.689214	
1.00000	8.183900	114.176361	6.572659
535.392552	41.062206	667.330657	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.441989	-528.280277	-5.217561
-608.484644	-35.397914	-2734.157	
0.25000	-8.441989	-514.720177	-5.217561
-606.681249	-33.584297	-2455.179	
0.50000	-8.441989	-500.999471	-5.217561
-606.681249	-32.028211	-2183.673	
0.75000	-8.441989	-487.440706	-5.217561
-606.681249	-31.867710	-2038.053	
1.00000	-8.441989	-474.122742	-5.217561
-606.681249	-32.196405	-2009.249	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.342044	12.423100	2.617882
430.371093	2.807832	307.552662	
0.25000	5.342044	12.423100	2.617882
430.371093	2.999278	297.176575	
0.50000	5.342044	12.636285	2.617882
430.371093	3.192249	286.800487	
0.75000	5.342044	20.931006	2.617882
430.371093	3.386106	286.257053	
1.00000	5.342044	29.213997	2.617882
430.371093	4.917987	372.367093	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.343351	-507.678039	-5.083806
-298.347426	-42.086060	-2001.785	
0.25000	-5.343351	-490.076213	-5.083806
-298.347426	-39.957379	-1777.826	
0.50000	-5.343351	-472.323576	-5.083806
-298.347426	-38.086131	-1563.696	
0.75000	-5.343351	-454.879810	-5.083806
-298.347426	-36.583267	-1427.505	
1.00000	-5.343351	-437.877248	-5.083806
-298.347426	-37.334587	-1328.523	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.865268	28.147132	3.079036
547.513996	6.062438	521.649878	
0.25000	6.865268	28.141205	3.079036
547.513996	6.292713	505.443789	
0.50000	6.865268	34.176841	3.079036
547.513996	6.526868	489.237699	
0.75000	6.865268	44.499906	3.079036
547.513996	6.760045	489.134211	
1.00000	6.865268	54.839811	3.079036
547.513996	7.005166	578.087136	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.903638	-705.052607	-7.370983
-447.051675	-67.475697	-3064.408	
0.25000	-6.903638	-684.115014	-7.370983
-447.051675	-63.778862	-2734.402	
0.50000	-6.903638	-662.980264	-7.370983
-447.051675	-60.425902	-2416.837	
0.75000	-6.903638	-642.175109	-7.370983
-447.051675	-57.744101	-2215.168	
1.00000	-6.903638	-621.847978	-7.370983
-447.051675	-57.625100	-2092.547	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.670040	54.611457	4.469257
598.534586	16.876531	655.056441	
0.25000	7.670040	54.606035	4.469257
598.534586	16.510064	637.720799	
0.50000	7.670040	60.676131	4.469257
598.534586	16.207891	620.385157	
0.75000	7.670040	70.182980	4.469257
598.534586	15.957371	618.190405	
1.00000	7.670040	79.708126	4.469257
598.534586	15.784189	696.413579	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.765133	-717.812401	-6.311892
-560.924552	-52.703481	-3423.074	
0.25000	-7.765133	-698.616165	-6.311892
-560.924552	-49.937141	-3063.235	
0.50000	-7.765133	-679.237522	-6.311892
-560.924552	-47.479776	-2715.397	
0.75000	-7.765133	-660.161592	-6.311892
-560.924552	-45.595666	-2500.089	
1.00000	-7.765133	-641.511510	-6.311892
-560.924552	-46.551025	-2399.460	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.757535	77.474913	6.845207
622.724982	37.342480	672.344204	
0.25000	8.757535	77.470393	6.845207
622.724982	36.700882	658.071242	
0.50000	8.757535	82.549058	6.845207
622.724982	36.437424	643.798280	
0.75000	8.757535	90.476606	6.845207
622.724982	36.226492	642.162223	
1.00000	8.757535	98.419504	6.845207
622.724982	36.092249	707.562329	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.960795	-633.714366	-5.796990
-645.208116	-44.994625	-3140.481	
0.25000	-8.960795	-617.709899	-5.796990
-645.208116	-42.762844	-2812.948	
0.50000	-8.960795	-601.553300	-5.796990
-645.208116	-40.789270	-2495.941	
0.75000	-8.960795	-585.648976	-5.796990
-645.208116	-39.293778	-2314.250	
1.00000	-8.960795	-570.099527	-5.796990
-645.208116	-40.413142	-2251.445	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.758499	59.216590	3.150482
256.296471	49.187468	236.347869	
0.25000	5.758499	59.219951	3.150482
256.307726	49.329355	233.434446	
0.50000	5.758499	59.223678	3.150482
256.319901	49.690494	234.850275	
0.75000	5.758499	59.227718	3.150482
256.332906	50.216742	238.961887	
1.00000	5.758499	59.232026	3.150482
256.346615	50.943649	245.051395	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.320359	-53.708202	-2.868775
-397.149781	-8.093745	-530.184350	
0.25000	-5.320359	-53.701627	-2.868775
-397.136792	-7.760874	-528.589610	
0.50000	-5.320359	-53.695100	-2.868775
-397.124132	-7.583460	-531.992201	
0.75000	-5.320359	-53.688690	-2.868775
-397.111926	-7.755756	-538.787828	
1.00000	-5.320359	-53.682450	-2.868775
-397.100321	-8.314566	-548.143473	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.277585	104.768145	7.562922
428.649127	111.001630	454.091091	
0.25000	9.277585	104.771501	7.562922
428.660356	108.284713	447.364371	
0.50000	9.277585	104.775223	7.562922
428.672503	105.701514	446.386153	
0.75000	9.277585	104.779257	7.562922
428.685478	103.432144	449.123981	
1.00000	9.277585	104.783559	7.562922
428.699155	101.356705	455.069087	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.657630	-122.976426	-2.946129
-668.645523	-6.178868	-1932.163	
0.25000	-8.657630	-122.969853	-2.946129
-668.632568	-6.192506	-1366.065	
0.50000	-8.657630	-122.963327	-2.946129
-668.619941	-6.549400	-1346.528	
0.75000	-8.657630	-122.956919	-2.946129
-668.607767	-7.298511	-1332.073	
1.00000	-8.657630	-122.950680	-2.946129
-668.596195	-8.437886	-1321.252	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.728565	115.532548	7.256262
497.570625	100.014587	677.705270	
0.25000	9.728565	115.629219	7.256262
497.894148	97.515747	667.473480	
0.50000	9.728565	115.736444	7.256262
498.244124	95.199565	662.485946	
0.75000	9.728565	115.852656	7.256262
498.617948	93.219542	662.682705	
1.00000	9.728565	115.976582	7.256262
499.011989	91.501940	669.354608	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.690245	-260.257352	-3.003343
-777.750376	-6.968529	-3055.229	
0.25000	-8.690245	-260.068047	-3.003343
-777.377090	-7.156984	-2925.020	
0.50000	-8.690245	-259.880105	-3.003343
-777.013291	-7.555364	-2800.901	
0.75000	-8.690245	-259.695531	-3.003343
-776.662529	-8.498712	-2684.109	
1.00000	-8.690245	-259.515841	-3.003343
-776.329076	-9.993749	-2575.546	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.461635	114.752047	6.645117
581.591828	86.893028	804.664476	
0.25000	11.461635	119.343438	6.645117
594.872253	84.912396	801.097513	
0.50000	11.461635	124.439174	6.645117
610.572865	83.087630	818.763243	
0.75000	11.461635	129.982400	6.645117
627.324966	81.541075	842.647809	
1.00000	11.461635	135.894928	6.645117
644.932493	80.216223	883.215087	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.111782	-519.985157	-5.147967
-836.185156	-50.686661	-4872.051	
0.25000	-10.111782	-510.244692	-5.147967
-819.809981	-49.231331	-4563.454	
0.50000	-10.111782	-500.560910	-5.147967
-803.876521	-47.982749	-4270.188	
0.75000	-10.111782	-491.029902	-5.147967
-788.589688	-47.424735	-3994.075	
1.00000	-10.111782	-481.762130	-5.147967
-774.159245	-47.526091	-3735.007	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.317643	45.952736	4.410279
175.599904	57.972529	268.686777	
0.25000	3.317643	45.986294	4.410279
175.712195	54.924547	263.623116	
0.50000	3.317643	46.023516	4.410279
175.833667	52.022699	260.008996	
0.75000	3.317643	46.063858	4.410279
175.963418	49.188415	257.628711	
1.00000	3.317643	46.106878	4.410279
176.100184	46.379576	256.831582	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.057342	-102.752562	-0.046748
-279.045857	-2.001311	-1292.210	
0.25000	-3.057342	-102.686834	-0.046748
-278.916305	-2.044707	-1239.858	
0.50000	-3.057342	-102.621579	-0.046748
-278.790036	-2.088020	-1189.253	
0.75000	-3.057342	-102.557493	-0.046748
-278.668298	-2.140728	-1140.609	
1.00000	-3.057342	-102.495103	-0.046748
-278.552570	-2.201940	-1093.949	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.992410	66.542299	4.163072
297.962886	50.723263	569.816337	
0.25000	4.992410	66.545659	4.163072
297.974136	48.077802	558.384945	
0.50000	4.992410	66.549386	4.163072
297.986307	45.513212	549.862714	
0.75000	4.992410	66.553424	4.163072
297.999307	43.092010	548.781477	
1.00000	4.992410	66.557732	4.163072
298.013010	40.802956	572.205070	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.120033	-313.001520	-1.441312
-449.676601	-21.700008	-3573.296	
0.25000	-4.120033	-312.994946	-1.441312
-449.663617	-20.941452	-3366.668	
0.50000	-4.120033	-312.988419	-1.441312
-449.650963	-20.238798	-3163.378	
0.75000	-4.120033	-312.982009	-1.441312
-449.638762	-19.945156	-2968.985	
1.00000	-4.120033	-312.975769	-1.441312
-449.627162	-19.826902	-2784.749	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.825462	106.949681	6.854807
466.168402	94.617349	705.237662	
0.25000	8.825462	106.952704	6.854807
466.178528	91.467481	693.649428	
0.50000	8.825462	106.956058	6.854807
466.189481	88.388358	687.073587	
0.75000	8.825462	106.959694	6.854807
466.201181	85.455757	687.274638	
1.00000	8.825462	106.963570	6.854807
466.213514	82.723936	711.102240	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.764427	-328.960349	-2.491240
-712.342463	-21.728534	-3747.744	
0.25000	-7.764427	-328.954432	-2.491240
-712.330777	-21.121189	-3584.577	
0.50000	-7.764427	-328.948558	-2.491240
-712.319389	-20.550268	-3358.705	
0.75000	-7.764427	-328.942789	-2.491240
-712.308408	-20.254117	-3183.552	
1.00000	-7.764427	-328.937173	-2.491240
-712.297968	-20.272550	-3031.920	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.937017	101.537793	6.754721
657.026980	81.159790	841.262786	
0.25000	11.937017	107.809846	6.754721
659.792185	78.719744	831.308957	
0.50000	11.937017	114.802999	6.754721
663.614237	76.346053	865.558360	
0.75000	11.937017	122.413911	6.754721
668.522957	74.109370	905.216620	
1.00000	11.937017	130.524357	6.754721
689.762078	72.012413	960.245904	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.556497	-670.389645	-5.135291
-783.815106	-67.285577	-5921.841	
0.25000	-10.556497	-655.239748	-5.135291
-767.689990	-65.311346	-5497.304	
0.50000	-10.556497	-640.151088	-5.135291
-764.598216	-63.439322	-5085.115	
0.75000	-10.556497	-625.291354	-5.135291
-762.584989	-62.150135	-4704.674	
1.00000	-10.556497	-610.829745	-5.135291
-761.639341	-61.404507	-4356.786	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.873792	16.422955	2.277571
588.247301	4.559203	393.255169	
0.25000	7.873792	16.498569	2.277571
585.772973	4.668252	385.135487	
0.50000	7.873792	22.675460	2.277571
582.746959	5.181884	422.952889	
0.75000	7.873792	30.425308	2.277571
579.709873	6.172551	490.472427	
1.00000	7.873792	38.626131	2.277571
576.672683	7.657627	563.431378	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.123876	-650.482278	-5.018915
-375.302112	-79.893867	-4618.405	
0.25000	-7.123876	-630.219274	-5.018915
-375.864869	-77.734907	-4162.688	
0.50000	-7.123876	-610.008623	-5.018915
-375.875940	-75.792748	-3732.831	
0.75000	-7.123876	-590.081020	-5.018915
-375.875940	-74.186959	-3328.301	
1.00000	-7.123876	-570.609776	-5.018915
-375.875940	-73.536295	-2947.646	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.516719	37.490254	2.692328
714.799814	9.130135	670.719111	
0.25000	10.516719	39.946610	2.692328
714.469248	9.433526	656.761698	
0.50000	10.516719	48.603410	2.692328
714.133246	9.812349	700.831319	
0.75000	10.516719	58.076834	2.692328
713.797244	10.355524	778.026303	
1.00000	10.516719	68.114274	2.692328
713.461230	11.691841	889.211790	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.195387	-902.557803	-7.529304
-523.869826	-124.621098	-6949.618	
0.25000	-9.195387	-879.384033	-7.529304
-523.875283	-120.660998	-6313.612	
0.50000	-9.195387	-856.299466	-7.529304
-523.875283	-116.881190	-5708.202	
0.75000	-9.195387	-833.551684	-7.529304
-523.875283	-113.516690	-5144.586	
1.00000	-9.195387	-811.344607	-7.529304
-523.875283	-111.216800	-4617.238	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.298691	62.310205	4.443264
768.624380	29.492761	846.049934	
0.25000	11.298691	64.957796	4.443264
768.682482	28.490601	830.157819	
0.50000	11.298691	72.947539	4.443264
768.740985	27.551374	867.759337	
0.75000	11.298691	81.689366	4.443264
768.799488	26.775783	934.677987	
1.00000	11.298691	90.938727	4.443264
768.857993	26.798517	1029.708	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.795110	-916.958409	-6.381232
-674.877644	-101.610473	-7603.065	
0.25000	-9.795110	-895.752786	-6.381232
-674.876865	-98.547595	-6970.288	
0.50000	-9.795110	-874.630344	-6.381232
-674.876865	-95.636634	-6366.018	
0.75000	-9.795110	-853.824830	-6.381232
-674.876865	-93.115878	-5793.623	
1.00000	-9.795110	-833.498074	-6.381232
-674.876865	-91.926763	-5253.318	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.762196	91.505960	7.081685
797.678813	75.012265	874.596576	
0.25000	12.762196	93.726312	7.081685
797.739162	72.417749	859.451171	
0.50000	12.762196	100.388724	7.081685
797.800119	69.887488	890.514696	
0.75000	12.762196	107.678223	7.081685
797.861075	67.537379	946.319032	
1.00000	12.762196	115.390977	7.081685
797.922034	65.872720	1025.881	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.333540	-809.833127	-5.763912
-808.386951	-86.020254	-6897.273	
0.25000	-11.333540	-792.156339	-5.763912
-808.385942	-83.546246	-6352.202	
0.50000	-11.333540	-774.555427	-5.763912
-808.385942	-81.198253	-5833.697	
0.75000	-11.333540	-757.205971	-5.763912
-808.385942	-79.193495	-5354.573	
1.00000	-11.333540	-740.261938	-5.763912
-808.385942	-78.371801	-4902.857	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.757535	99.086330	7.285054
622.724982	56.383603	672.344204	
0.25000	8.757535	100.330247	7.285054
622.724982	56.249568	658.071242	
0.50000	8.757535	105.295560	7.285054
622.724982	56.214320	643.798280	
0.75000	8.757535	112.096947	7.285054
622.724982	56.919458	642.162223	
1.00000	8.757535	120.483512	7.285054
622.724982	57.483273	707.562329	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.960795	-717.812401	-7.370983
-652.022550	-67.475697	-3423.074	
0.25000	-8.960795	-698.616165	-7.370983
-645.208116	-63.778862	-3063.235	
0.50000	-8.960795	-679.237522	-7.370983
-645.208116	-60.425902	-2715.397	
0.75000	-8.960795	-660.161592	-7.370983
-645.208116	-57.744101	-2500.089	
1.00000	-8.960795	-641.511510	-7.370983
-645.208116	-57.625100	-2399.460	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.762196	115.532548	7.562922
797.678813	111.001630	874.596576	
0.25000	12.762196	119.343438	7.562922
797.739162	108.284713	859.451171	
0.50000	12.762196	124.439174	7.562922
797.800119	105.701514	890.514696	
0.75000	12.762196	129.982400	7.562922
797.861075	103.432144	946.319032	
1.00000	12.762196	135.894928	7.562922
797.922034	101.356705	1029.708	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.333540	-916.958409	-7.529304
-836.185156	-124.621098	-7603.065	
0.25000	-11.333540	-895.752786	-7.529304
-819.809981	-120.660998	-6970.288	
0.50000	-11.333540	-874.630344	-7.529304
-808.385942	-116.881190	-6366.018	
0.75000	-11.333540	-853.824830	-7.529304
-808.385942	-113.516690	-5793.623	
1.00000	-11.333540	-833.498074	-7.529304
-808.385942	-111.216800	-5253.318	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.762196	115.532548	7.562922
797.678813	111.001630	874.596576	
0.25000	12.762196	119.343438	7.562922
797.739162	108.284713	859.451171	
0.50000	12.762196	124.439174	7.562922
797.800119	105.701514	890.514696	
0.75000	12.762196	129.982400	7.562922
797.861075	103.432144	946.319032	
1.00000	12.762196	135.894928	7.562922
797.922034	101.356705	1029.708	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.333540	-916.958409	-7.529304
-836.185156	-124.621098	-7603.065	
0.25000	-11.333540	-895.752786	-7.529304
-819.809981	-120.660998	-6970.288	
0.50000	-11.333540	-874.630344	-7.529304
-808.385942	-116.881190	-6366.018	
0.75000	-11.333540	-853.824830	-7.529304
-808.385942	-113.516690	-5793.623	
1.00000	-11.333540	-833.498074	-7.529304
-808.385942	-111.216800	-5253.318	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.762196	115.532548	7.562922
797.678813	111.001630	874.596576	
0.25000	12.762196	119.343438	7.562922
797.739162	108.284713	859.451171	
0.50000	12.762196	124.439174	7.562922
797.800119	105.701514	890.514696	
0.75000	12.762196	129.982400	7.562922
797.861075	103.432144	946.319032	
1.00000	12.762196	135.894928	7.562922
797.922034	101.356705	1029.708	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.333540	-916.958409	-7.529304
-836.185156	-124.621098	-7603.065	
0.25000	-11.333540	-895.752786	-7.529304
-819.809981	-120.660998	-6970.288	
0.50000	-11.333540	-874.630344	-7.529304
-808.385942	-116.881190	-6366.018	
0.75000	-11.333540	-853.824830	-7.529304
-808.385942	-113.516690	-5793.623	
1.00000	-11.333540	-833.498074	-7.529304
-808.385942	-111.216800	-5253.318	

ELEM 156 ========== LENGTH = 4.928335

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.349867	28.822380	4.450976
133.598897	28.937633	178.487468	
0.25000	3.349867	28.832758	4.450976
133.620839	29.309330	177.909689	
0.50000	3.349867	28.844165	4.450976
133.655911	29.777169	177.392064	
0.75000	3.349867	28.856329	4.450976
133.692702	30.361224	176.886578	
1.00000	3.349867	28.870648	4.450976
133.734797	31.048429	177.507372	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.656723	-49.776505	-1.951071
-311.179457	-7.444091	-278.390086	
0.25000	-3.656723	-49.761926	-1.951071
-311.139450	-8.018583	-306.132750	
0.50000	-3.656723	-49.748919	-1.951071
-311.104485	-9.801189	-334.998424	
0.75000	-3.656723	-49.736260	-1.951071
-311.071144	-12.708347	-364.639502	
1.00000	-3.656723	-49.724159	-1.951071
-311.053708	-16.432894	-395.081962	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.515659	46.798224	9.862057
211.601187	55.742819	338.256784	
0.25000	5.515659	46.808597	9.862057
211.622550	52.455666	335.914538	
0.50000	5.515659	46.819997	9.862057
211.657570	50.079128	334.283568	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	5.515659	46.832156	9.862057
211.694306	47.924517	333.480021	
1.00000	5.515659	46.846462	9.862057
211.736330	45.964823	353.008807	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.980750	-115.440116	-1.452958
-540.890585	-5.253320	-650.085329	
0.25000	-5.980750	-115.425547	-1.452958
-540.850647	-7.608682	-689.398659	
0.50000	-5.980750	-115.412544	-1.452958
-540.815736	-11.156127	-730.058472	
0.75000	-5.980750	-115.399891	-1.452958
-540.782715	-15.870438	-771.918775	
1.00000	-5.980750	-115.387794	-1.452958
-540.765690	-30.340089	-815.186122	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.778806	48.042213	9.491452
229.402217	50.816012	489.865704	
0.25000	5.778806	48.051550	9.491452
229.421548	47.638202	481.748460	
0.50000	5.778806	48.061811	9.491452
229.453075	45.056564	473.679228	
0.75000	5.778806	48.072755	9.491452
229.486147	42.710099	527.222365	
1.00000	5.778806	48.085633	9.491452
229.523982	40.729549	657.886593	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.255204	-217.064264	-1.232772
-656.293557	-5.482816	-1203.471	
0.25000	-6.255204	-217.051150	-1.232772
-656.257600	-8.678901	-1226.961	
0.50000	-6.255204	-217.039447	-1.232772
-656.226170	-13.656610	-1251.598	
0.75000	-6.255204	-217.028058	-1.232772
-656.196394	-22.139232	-1277.597	
1.00000	-6.255204	-217.017170	-1.232772
-656.180998	-31.863797	-1304.827	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.809596	56.516900	8.006245
332.256576	44.759447	617.033131	
0.25000	6.809596	65.992706	8.006245
332.256576	42.220396	705.022653	
0.50000	6.809596	76.600976	8.006245
355.372449	40.174793	813.749811	
0.75000	6.809596	87.937299	8.006245
378.354742	40.467804	971.802727	
1.00000	6.809596	100.918935	8.006245
405.369066	41.802708	1188.608	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.317536	-413.510349	-4.618979
-685.090049	-24.411713	-1742.427	
0.25000	-7.317536	-400.075695	-4.618979
-657.545003	-25.467026	-1721.813	
0.50000	-7.317536	-387.808091	-4.618979
-634.626235	-28.307030	-1702.207	
0.75000	-7.317536	-375.883802	-4.618979
-631.349838	-34.535610	-1683.740	
1.00000	-7.317536	-364.510928	-4.618979
-631.349838	-41.837829	-1666.354	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.076128	17.133497	5.379174
73.764732	24.793562	196.258748	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	2.076128	17.247636	5.379174
74.003546	20.916465	193.215768	
0.50000	2.076128	17.373084	5.379174
74.389112	17.657142	190.250602	
0.75000	2.076128	17.506866	5.379174
74.793566	14.471224	193.470853	
1.00000	2.076128	17.664313	5.379174
75.256300	11.385184	255.072244	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.203397	-94.462254	-0.075158
-246.883354	-1.296734	-526.585708	
0.25000	-2.203397	-94.301553	-0.075158
-246.443578	-1.334902	-531.355912	
0.50000	-2.203397	-94.158872	-0.075158
-246.059198	-1.789674	-536.481634	
0.75000	-2.203397	-94.019649	-0.075158
-245.693861	-7.627754	-542.187944	
1.00000	-2.203397	-93.886557	-0.075158
-245.503871	-14.130530	-548.261120	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.006505	24.109094	5.033214
137.842639	22.842759	403.626482	
0.25000	3.006505	24.119409	5.033214
137.864234	19.133932	412.729170	
0.50000	3.006505	24.130813	5.033214
137.899275	16.048276	439.505768	
0.75000	3.006505	24.142973	5.033214
137.935032	13.311866	553.370446	
1.00000	3.006505	24.157284	5.033214
137.978085	10.841686	766.654329	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.250040	-248.485031	-1.554845
-413.864061	-10.703913	-1294.653	
0.25000	-3.250040	-248.470458	-1.554845
-413.824095	-10.356558	-1274.949	
0.50000	-3.250040	-248.457454	-1.554845
-413.789162	-11.178653	-1255.371	
0.75000	-3.250040	-248.444793	-1.554845
-413.756014	-15.730614	-1236.443	
1.00000	-3.250040	-248.432700	-1.554845
-413.738824	-21.025438	-1217.787	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.267606	43.317077	8.693860
223.585950	44.763519	509.645669	
0.25000	5.267606	43.326415	8.693860
223.605385	41.061298	516.933015	
0.50000	5.267606	43.336678	8.693860
223.636922	37.812225	540.192380	
0.75000	5.267606	43.347622	8.693860
223.670004	34.706167	641.522648	
1.00000	5.267606	43.360502	8.693860
223.707851	32.190696	832.673891	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.717857	-268.415019	-1.441147
-617.818018	-10.697855	-1419.408	
0.25000	-5.717857	-268.401904	-1.441147
-617.782048	-10.684122	-1421.795	
0.50000	-5.717857	-268.390200	-1.441147
-617.750609	-14.283537	-1425.206	
0.75000	-5.717857	-268.378810	-1.441147
-617.720775	-22.777954	-1429.801	
1.00000	-5.717857	-268.367921	-1.441147
-617.705304	-32.105662	-1435.268	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.207634	55.400862	7.292976
420.131589	38.972399	667.227684	
0.25000	7.207634	68.578318	7.292976
420.131589	36.080700	804.594297	
0.50000	7.207634	84.736581	7.292976
420.131589	35.425082	971.495370	
0.75000	7.207634	102.050853	7.292976
437.501633	37.052950	1177.616	
1.00000	7.207634	121.121420	7.292976
463.662065	39.462443	1433.688	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.646517	-514.735142	-5.314026
-595.178133	-31.287388	-2009.340	
0.25000	-7.646517	-494.532858	-5.314026
-593.403450	-30.549536	-1958.081	
0.50000	-7.646517	-475.491092	-5.314026
-593.403450	-27.808495	-1907.966	
0.75000	-7.646517	-457.011734	-5.314026
-593.403450	-39.038149	-1858.986	
1.00000	-7.646517	-439.441627	-5.314026
-593.403450	-45.978955	-1810.760	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.910056	25.585601	0.624644
495.593869	5.236824	372.088655	
0.25000	4.910056	38.968310	0.624644
495.593869	7.836354	563.172943	
0.50000	4.910056	59.309456	0.624644
495.593869	12.094253	796.866972	
0.75000	4.910056	81.233558	0.624644
495.593869	17.583029	1005.018	
1.00000	4.910056	103.661541	0.624644
495.593869	24.039510	1187.103	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.987168	-443.387642	-6.959099
-168.676944	-37.423356	-1327.646	
0.25000	-4.987168	-418.608217	-6.959099
-168.676944	-36.146324	-1235.056	
0.50000	-4.987168	-393.718576	-6.959099
-168.676944	-34.873362	-1144.476	
0.75000	-4.987168	-369.636118	-6.959099
-168.676944	-33.635020	-1053.474	
1.00000	-4.987168	-346.888692	-6.959099
-168.676944	-32.505613	-962.775461	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.439727	37.899981	0.535549
586.676276	6.348199	577.800006	
0.25000	6.439727	55.113402	0.535549
586.676276	9.669693	818.309293	
0.50000	6.439727	79.521575	0.535549
586.676276	14.727885	1124.580	
0.75000	6.439727	105.789321	0.535549
586.676276	21.257157	1453.414	
1.00000	6.439727	133.109218	0.535549
586.676276	29.128883	1774.636	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.580437	-632.757288	-10.496999
-300.563102	-57.896853	-2091.569	
0.25000	-6.580437	-602.791007	-10.496999
-300.563102	-53.576542	-1967.652	
0.50000	-6.580437	-573.245236	-10.496999
-300.563102	-49.773677	-1843.815	
0.75000	-6.580437	-544.634826	-10.496999
-300.563102	-46.991198	-1720.857	
1.00000	-6.580437	-517.547317	-10.496999
-300.563102	-45.023507	-1598.075	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.921940	43.694770	2.957234
570.804869	14.223783	696.148128	
0.25000	6.921940	59.600377	2.957234
570.804869	15.542333	906.540784	
0.50000	6.921940	81.994523	2.957234
570.804869	18.488546	1171.732	
0.75000	6.921940	106.095119	2.957234
570.804869	22.865898	1481.828	
1.00000	6.921940	131.203342	2.957234
570.804869	28.574997	1848.426	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.180325	-662.226968	-8.343892
-457.625668	-46.431301	-2398.790	
0.25000	-7.180325	-634.270411	-8.343892
-457.625668	-45.156969	-2285.532	
0.50000	-7.180325	-607.624568	-8.343892
-457.625668	-44.844004	-2172.323	
0.75000	-7.180325	-581.396993	-8.343892
-457.625668	-45.786692	-2060.194	
1.00000	-7.180325	-556.559618	-8.343892
-457.625668	-47.124485	-1948.296	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.784395	53.222822	6.717589
550.813545	34.177853	707.342971	
0.25000	7.784395	66.487941	6.717589
550.813545	33.390768	881.296508	
0.50000	7.784395	85.159133	6.717589
550.813545	34.332741	1100.788	
0.75000	7.784395	105.253092	6.717589
550.813545	36.991591	1358.063	
1.00000	7.784395	126.189315	6.717589
550.813545	39.865289	1664.029	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.168535	-595.930930	-6.967045
-582.882277	-39.721373	-2251.180	
0.25000	-8.168535	-572.985551	-6.967045
-582.882277	-38.628806	-2171.059	
0.50000	-8.168535	-550.405975	-6.967045
-582.882277	-39.101929	-2091.420	
0.75000	-8.168535	-528.539386	-6.967045
-582.882277	-44.559304	-2013.265	
1.00000	-8.168535	-507.831646	-6.967045
-582.882277	-50.713527	-1935.758	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.236213	36.415821	4.689295
174.330085	49.851383	245.228755	
0.25000	5.236213	36.420647	4.689295
174.345485	48.111205	254.658665	
0.50000	5.236213	36.426080	4.689295
174.362498	46.863588	272.486655	
0.75000	5.236213	36.432002	4.689295
174.380835	46.180773	301.284712	
1.00000	5.236213	36.438290	4.689295
174.400129	46.002849	342.793961	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.647628	-65.042398	-1.766066
-423.594938	-7.192607	-547.581285	
0.25000	-4.647628	-65.033424	-1.766066
-423.577412	-7.087297	-525.385699	
0.50000	-4.647628	-65.024643	-1.766066
-423.560655	-9.713572	-513.031784	
0.75000	-4.647628	-65.016192	-1.766066
-423.545019	-12.413329	-519.519056	
1.00000	-4.647628	-65.008204	-1.766066
-423.530839	-15.868797	-542.066537	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.517349	57.627900	12.483309
270.728849	100.287984	455.266817	
0.25000	8.517349	57.632721	12.483309
270.744216	90.058009	467.894785	
0.50000	8.517349	57.638149	12.483309
270.761192	81.047123	497.983466	
0.75000	8.517349	57.644065	12.483309
270.779491	74.151219	550.795807	
1.00000	8.517349	57.650347	12.483309
270.798740	68.709944	636.348641	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.552882	-148.623733	-1.345295
-731.086389	-6.847643	-1320.153	
0.25000	-7.552882	-148.614762	-1.345295
-731.068916	-8.637719	-1232.413	
0.50000	-7.552882	-148.605984	-1.345295
-731.052209	-11.709598	-1164.636	
0.75000	-7.552882	-148.597536	-1.345295
-731.036622	-19.142195	-1128.111	
1.00000	-7.552882	-148.589550	-1.345295
-731.022488	-28.255140	-1125.500	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.264389	60.468225	11.779590
290.918823	90.708593	669.576856	
0.25000	9.264389	60.607114	11.779590
291.361546	81.370220	687.994253	
0.50000	9.264389	60.763452	11.779590
291.850648	73.236480	735.287453	
0.75000	9.264389	60.933866	11.779590
292.377837	66.861880	844.872530	
1.00000	9.264389	61.114818	11.779590
292.932426	61.865082	1006.861	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.739902	-290.413059	-1.322994
-855.479203	-8.471873	-2574.277	
0.25000	-7.739902	-290.154682	-1.322994
-854.615728	-10.672562	-2340.278	
0.50000	-7.739902	-289.901864	-1.322994
-854.494333	-14.423000	-2139.935	
0.75000	-7.739902	-289.658546	-1.322994
-854.045169	-21.428016	-1987.194	
1.00000	-7.739902	-289.428536	-1.322994
-853.637895	-30.045978	-1886.240	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.153713	71.045406	9.909504
411.806355	79.152886	883.377217	
0.25000	11.153713	77.879913	9.909504
430.446990	71.469060	950.546653	
0.50000	11.153713	85.581795	9.909504
452.614799	65.113067	1048.640	
0.75000	11.153713	93.978117	9.909504
476.478105	61.812371	1206.022	
1.00000	11.153713	102.871634	9.909504
501.497273	60.518526	1411.402	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.283149	-506.399226	-5.659532
-865.726728	-45.674480	-3734.226	
0.25000	-9.283149	-493.200124	-5.659532
-844.296188	-43.014518	-3330.082	
0.50000	-9.283149	-480.258450	-5.659532
-823.817885	-41.992411	-2975.723	
0.75000	-9.283149	-467.781176	-5.659532
-804.826002	-44.610921	-2680.828	
1.00000	-9.283149	-455.988495	-5.659532
-796.823586	-49.338192	-2449.159	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.167534	19.153654	7.898985
89.841933	46.623738	256.872915	
0.25000	3.167534	19.201872	7.898985
89.995599	37.966011	261.754463	
0.50000	3.167534	19.256148	7.898985
90.165366	30.006060	277.456018	
0.75000	3.167534	19.315310	7.898985
90.348352	23.636187	311.429469	
1.00000	3.167534	19.378131	7.898985
90.540846	18.172950	376.770081	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.680352	-118.065306	-0.075513
-319.428854	-2.008737	-1093.400	
0.25000	-2.680352	-117.975597	-0.075513
-319.254124	-1.997893	-989.215271	
0.50000	-2.680352	-117.887818	-0.075513
-319.087057	-2.755603	-897.950273	
0.75000	-2.680352	-117.803337	-0.075513
-318.931178	-7.216650	-823.518685	
1.00000	-2.680352	-117.723476	-0.075513
-318.789844	-12.555705	-768.200636	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.162140	30.528061	7.069005
158.332068	41.121999	572.270097	
0.25000	5.162140	30.532886	7.069005
158.347463	33.798042	583.575347	
0.50000	5.162140	30.538318	7.069005
158.364470	27.215027	630.137388	
0.75000	5.162140	30.544239	7.069005
158.382601	21.816158	748.658663	
1.00000	5.162140	30.550526	7.069005
158.402087	17.874815	924.446506	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.896753	-321.778518	-2.069912
-490.639252	-19.322974	-2784.047	
0.25000	-3.896753	-321.769545	-2.069912
-490.621735	-17.693643	-2479.021	
0.50000	-3.896753	-321.760764	-2.069912
-490.604986	-16.960151	-2207.761	
0.75000	-3.896753	-321.752314	-2.069912
-490.589358	-19.081837	-1975.666	
1.00000	-3.896753	-321.744326	-2.069912
-490.575186	-22.492786	-1786.747	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.592437	54.524556	11.530834
270.935047	82.361516	711.258171	
0.25000	8.592437	54.528899	11.530834
270.948902	71.448942	727.179463	
0.50000	8.592437	54.533788	11.530834
270.964208	62.285733	782.093080	
0.75000	8.592437	54.539116	11.530834
270.980705	54.915786	911.112453	
1.00000	8.592437	54.544775	11.530834
270.998063	49.382592	1102.717	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.029783	-348.187998	-1.910964
-775.157357	-18.818481	-3031.129	
0.25000	-7.029783	-348.179921	-1.910964
-775.141592	-17.650723	-2747.568	
0.50000	-7.029783	-348.172019	-1.910964
-775.126518	-19.794469	-2501.781	
0.75000	-7.029783	-348.164414	-1.910964

```
-775.112453  -25.381696   -2290.198
 1.00000   -7.029783  -348.157225   -1.910964
-775.099698   -32.733849   -2135.180
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1843

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.725983   69.181554    9.620717
522.698735   71.017166  960.274549
 0.25000   11.725983   79.083898    9.620717
528.489761   62.391624  1055.664
 0.50000   11.725983   90.267598    9.620717
536.228966   57.161062  1180.192
 0.75000   11.725983  102.456982    9.620717
564.169658   54.359673  1359.622
 1.00000   11.725983  115.338751    9.620717
593.165099   53.771805  1583.641

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.789507  -621.641828   -6.500824
-767.774630   -59.385406   -4356.709
 0.25000   -9.789507  -601.328487   -6.500824
-745.457421   -54.424159   -3868.184
 0.50000   -9.789507  -581.374154   -6.500824
-743.320142   -53.037108   -3436.893
 0.75000   -9.789507  -562.095411   -6.500824
-742.984881   -55.061840   -3057.724
 1.00000   -9.789507  -543.798687   -6.500824
-742.981560   -58.939938   -2748.485

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.777679   32.492491    0.512711
652.960102    6.995863  563.147631
 0.25000    7.777679   43.970830    0.512711
648.621676    9.107828  681.146988
 0.50000    7.777679   57.005700    0.512711
644.283162   12.595319  805.707237
 0.75000    7.777679   71.176603    0.512711
639.944648   17.483212  932.544371
 1.00000    7.777679   86.075030    0.512711
635.606134   23.270293  1059.473

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.801148  -518.188274   -7.926280
-211.504422   -72.168483   -2948.829
 0.25000   -6.801148  -491.609302   -7.926280
-211.504422   -66.680194   -2532.970
 0.50000   -6.801148  -465.331706   -7.926280
-211.504422   -61.899889   -2159.314
 0.75000   -6.801148  -439.859648   -7.926280
-211.504422   -57.865486   -1825.063
 1.00000   -6.801148  -415.577658   -7.926280
-211.504422   -54.516947   -1528.615

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   10.660897   49.246217    0.567453
751.920456   10.916242  888.934049
 0.25000   10.660897   62.810385    0.567453
751.440482   13.369345  1026.907
 0.50000   10.660897   78.190628    0.567453
750.960499   17.344679  1195.481
 0.75000   10.660897   94.916391    0.567453
750.480516   22.811400  1401.733
 1.00000   10.660897  112.526003    0.567453
750.000534   30.258778  1630.726

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.956492  -747.569437  -12.455356
-341.360059  -109.370328   -4618.461
 0.25000   -8.956492  -717.043169  -12.455356
-341.360059   -98.755337   -3996.500
 0.50000   -8.956492  -686.952309  -12.455356
-341.360059   -89.088899   -3443.924
 0.75000   -8.956492  -657.775646  -12.455356
-341.360059   -81.048556   -2950.654
 1.00000   -8.956492  -629.985817  -12.455356
-341.360059   -74.687691   -2516.766
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1844

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   11.422154   55.294171    4.054005
730.382346   26.414675  1029.512
 0.25000   11.422154   67.760314    4.054005
730.465916   25.227981  1160.218
 0.50000   11.422154   81.878787    4.054005
730.549488   25.826636  1325.266
 0.75000   11.422154   97.258664    4.054005
730.633061   28.129864  1550.127
 1.00000   11.422154  113.442104    4.054005
730.716633   32.332222  1821.189

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -9.402175  -791.981262  -10.028901
-544.854150   -90.246807   -5254.011
 0.25000   -9.402175  -764.034222  -10.028901
-544.854150   -83.065203   -4579.833
 0.50000   -9.402175  -736.482663  -10.028901
-544.854150   -77.437764   -3976.181
 0.75000   -9.402175  -709.774378  -10.028901
-544.854150   -73.725483   -3442.488
 1.00000   -9.402175  -684.341749  -10.028901
-544.854150   -71.482756   -2980.821

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.596141   66.761459    9.432355
704.027812   65.251095  1025.757
 0.25000   12.596141   77.154846    9.432355
704.114887   58.143812  1137.976
 0.50000   12.596141   88.926287    9.432355
704.201965   53.122095  1285.521
 0.75000   12.596141  101.748850    9.432355
704.289042   50.877668  1491.749
 1.00000   12.596141  115.241458    9.432355
704.376119   51.032166  1747.389

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.590818  -717.028839   -8.378119
-726.758072   -76.302422   -4903.167
 0.25000  -10.590818  -693.731971   -8.378119
-726.758072   -70.411504   -4316.320
 0.50000  -10.590818  -670.764438   -8.378119
-726.758072   -66.762277   -3795.261
 0.75000  -10.590818  -648.500453   -8.378119
-726.758072   -67.354824   -3341.876
 1.00000  -10.590818  -627.299933   -8.378119
-726.758072   -70.018600   -2958.902

 COMB       DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.784395   56.516900    9.862057
586.676276   55.742819  707.342971
 0.25000    7.784395   68.578318    9.862057
586.676276   52.455666  906.560784
 0.50000    7.784395   85.159133    9.862057
586.676276   50.079128  1171.732
 0.75000    7.784395  106.185119    9.862057
586.676276   47.924517  1481.828
 1.00000    7.784395  133.109218    9.862057
586.676276   45.964823  1848.426

 COMB       DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -8.168535  -662.226968   -10.496999
-685.090049   -57.896853   -2398.790
 0.25000   -8.168535  -634.707411   -10.496999
-657.545003   -53.576542   -2285.532
 0.50000   -8.168535  -607.624568   -10.496999
-656.226170   -49.773677   -2172.323
 0.75000   -8.168535  -581.396993   -10.496999
-656.196394   -46.991198   -2060.194
 1.00000   -8.168535  -556.559618   -10.496999
-656.180998   -50.713527   -1948.296
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1845

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB       DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.596141   71.045406   12.483309
751.920456  100.287984  1029.512
 0.25000   12.596141   79.083898   12.483309
751.440482   90.058009  1160.218
 0.50000   12.596141   90.267598   12.483309
750.960499   81.047123  1325.266
 0.75000   12.596141  102.456982   12.483309
750.480516   74.151219  1550.127
 1.00000   12.596141  115.338751   12.483309
750.000534   68.709944  1821.189

 COMB       DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.590818  -791.981262  -12.455356
-865.726728  -109.370328   -5254.011
 0.25000  -10.590818  -764.034222  -12.455356
-854.975728   -98.755337   -4579.833
 0.50000  -10.590818  -736.482663  -12.455356
-854.494333   -89.088899   -3976.181
 0.75000  -10.590818  -709.774378  -12.455356
-854.045169   -81.046556   -3442.488
 1.00000  -10.590818  -684.341749  -12.455356
-853.637895   -74.687691   -2980.821

 COMB       CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.596141   71.045406   12.483309
751.920456  100.287984  1029.512
 0.25000   12.596141   79.083898   12.483309
751.440482   90.058009  1160.218
 0.50000   12.596141   90.267598   12.483309
750.960499   81.047123  1325.266
 0.75000   12.596141  106.095119   12.483309
750.480516   74.151219  1550.127
 1.00000   12.596141  133.109218   12.483309
750.000534   68.709944  1848.426

 COMB       CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.590818  -791.981262  -12.455356
-865.726728  -109.370328   -5254.011
 0.25000  -10.590818  -764.034222  -12.455356
-854.975728   -98.755337   -4579.833
 0.50000  -10.590818  -736.482663  -12.455356
-854.494333   -89.088899   -3976.181
 0.75000  -10.590818  -709.774378  -12.455356
-854.045169   -81.046556   -3442.488
 1.00000  -10.590818  -684.341749  -12.455356
-853.637895   -74.687691   -2980.821

 COMB    DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   12.596141   71.045406   12.483309
751.920456  100.287984  1029.512
 0.25000   12.596141   79.083898   12.483309
751.440482   90.058009  1160.218
 0.50000   12.596141   90.267598   12.483309
750.960499   81.047123  1325.266
 0.75000   12.596141  106.095119   12.483309
750.480516   74.151219  1550.127
 1.00000   12.596141  133.109218   12.483309
750.000534   68.709944  1848.426

 COMB    DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000  -10.590818  -791.981262  -12.455356
-865.726728  -109.370328   -5254.011
 0.25000  -10.590818  -764.034222  -12.455356
-854.975728   -98.755337   -4579.833
 0.50000  -10.590818  -736.482663  -12.455356
-854.494333   -89.088899   -3976.181
 0.75000  -10.590818  -709.774378  -12.455356
-854.045169   -81.046556   -3442.488
 1.00000  -10.590818  -684.341749  -12.455356
-853.637895   -74.687691   -2980.821
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1846

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

ELEM     157 ================== LENGTH =    4.928501

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    2.852525   13.440571    5.342744
73.699996   30.071416  177.524787
 0.25000    2.852525   13.451675    5.342744
73.731603   28.808326  211.782638
 0.50000    2.852525   13.463745    5.342744
73.765213   27.551303  265.404574
 0.75000    2.852525   13.476522    5.342744
73.800466   26.345457  322.295409
 1.00000    2.852525   13.491134    5.342744
73.841670   25.237820  381.474104

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -3.210475  -53.342796   -0.572295
-306.665692   -15.819667  -395.504381
 0.25000   -3.210475  -53.328027   -0.572295
-306.626635   -18.934780  -406.843622
 0.50000   -3.210475  -53.314864   -0.572295
-306.592688   -22.742021  -418.423928
 0.75000   -3.210475  -53.302144   -0.572295
-306.565703   -27.201569  -430.391952
 1.00000   -3.210475  -53.290074   -0.572295
-306.544307   -32.216316  -442.525463

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.718940   18.304996    9.387582
108.533521   44.486119  353.640493
 0.25000    4.718940   18.316094    9.387582
108.565071   41.026446  439.901768
 0.50000    4.718940   18.328159    9.387582
108.598624   37.627991  554.172431
 0.75000    4.718940   18.340930    9.387582
108.633819   34.454924  677.496293
 1.00000    4.718940   18.355532    9.387582
108.674948   31.674068  808.060264

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.249593  -119.345496   -0.252957
-533.070873   -29.180496  -815.831456
 0.25000   -5.249593  -119.330737   -0.252957
-533.031888   -35.278344  -826.047846
 0.50000   -5.249593  -119.317580   -0.252957
-532.997997   -42.389615   -836.477685
 0.75000   -5.249593  -119.304865   -0.252957
-532.971310   -50.521251  -847.602901
 1.00000   -5.249593  -119.292801   -0.252957
-532.949954   -59.472093  -858.835200

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.494522   20.322823    8.921603
103.933701   39.363148  658.894790
 0.25000    5.494522   20.332812    8.921603
103.962107   36.538000  804.855079
 0.50000    5.494522   20.343671    8.921603
103.992314   34.067183  992.046314
 0.75000    5.494522   20.355167    8.921603
104.024001   31.653146  1201.113
 1.00000    5.494522   20.368310    8.921603
104.061030   29.337253  1426.002

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.474756  -212.572133   -0.399207
-637.172679   -30.338498   -1305.472
 0.25000   -5.474756  -212.558549   -0.399207
-637.137579   -35.592850   -1297.391
 0.50000   -5.474756  -212.547006   -0.399207
-637.107068   -41.954551   -1289.542
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1847

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000   -5.474756  -212.535562   -0.399207
-637.082995   -49.402129   -1282.293
 1.00000   -5.474756  -212.524703   -0.399207
-637.063768   -57.805341   -1275.136

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.469353   52.279961    7.528842
238.923073   40.995974  1189.239
 0.25000    6.469353   62.636810    7.528842
252.708350   40.987605   1412.009
 0.50000    6.469353   73.914284    7.528842
275.451207   41.628658   1662.764
 0.75000    6.469353   85.875981    7.528842
297.334896   42.500962   1927.977
 1.00000    6.469353   99.272594    7.528842
330.727870   43.627788   2199.091

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.557487  -386.412973   -3.372505
-644.390910   -40.679092   -1666.701
 0.25000   -6.557487  -372.854607   -3.372505
-617.501133   -43.880494   -1630.532
 0.50000   -6.557487  -360.499933   -3.372505
-599.368617   -48.023709   -1594.566
 0.75000   -6.557487  -348.572601   -3.372505
-584.311934   -54.147302   -1557.108
 1.00000   -6.557487  -337.279044   -3.372505
-584.319343   -58.935628   -1523.738

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    1.786923    4.561739    3.800421
28.274321   10.929561  255.943234
 0.25000    1.786923    4.683857    3.800421
28.621749    8.587284  327.126591
 0.50000    1.786923    4.816604    3.800421
28.991204    6.367701  408.060775
 0.75000    1.786923    4.957127    3.800421
29.378741    5.143558  496.569362
 1.00000    1.786923    5.117819    3.800421
29.831647    4.052786  590.958707

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -1.928510  -92.230130   -0.145948
-241.399184  -13.499850  -548.456696
 0.25000   -1.928510  -92.067719   -0.145948
-240.969874  -16.074553  -540.863548
 0.50000   -1.928510  -91.922952   -0.145948
-240.596705  -18.977198  -533.273137
 0.75000   -1.928510  -91.783055   -0.145948
-240.301177  -22.289168  -525.794547
 1.00000   -1.928510  -91.650310   -0.145948
-240.065998  -25.821431  -518.405605

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    3.314096   16.533173    3.609856
87.829571   10.559074  767.835076
 0.25000    3.314096   16.544274    3.609856
87.861144   10.084075  904.174934
 0.50000    3.314096   16.556341    3.609856
87.894719   10.040707  1077.518
 0.75000    3.314096   16.569114    3.609856
87.929938   10.124636  1288.953
 1.00000    3.314096   16.583721    3.609856
87.971097   10.286296  1527.047

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -2.912549  -232.160205   -1.311893
-386.976623   -20.182520   -1217.971
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1848

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000   -2.912549  -232.145442   -1.311893
-386.937609   -21.687952   -1184.937
 0.50000   -2.912549  -232.132283   -1.311893
-386.903696   -23.674272   -1151.982
 0.75000   -2.912549  -232.119566   -1.311893
-386.876889   -26.131726   -1119.143
 1.00000   -2.912549  -232.107499   -1.311893
-386.855517   -29.043634   -1086.341

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    5.160323   23.848579    7.475246
130.838194   31.177841  833.675295
 0.25000    5.160323   23.858570    7.475246
130.866609   29.296136  988.559446
 0.50000    5.160323   23.869430    7.475246
130.896827   27.751990  1191.830
 0.75000    5.160323   23.880926    7.475246
130.928524   26.382452  1432.646
 1.00000    5.160323   23.894072    7.475246
130.965567   25.088848  1699.619

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -5.071789  -256.192119   -1.191349
-590.182803   -30.836654   -1435.745
 0.25000   -5.071789  -256.178833   -1.191349
-590.147690   -35.120473   -1412.810
 0.50000   -5.071789  -256.166989   -1.191349
-590.117168   -40.245047   -1390.292
 0.75000   -5.071789  -256.155544   -1.191349
-590.093042   -46.199725   -1367.947
 1.00000   -5.071789  -256.144684   -1.191349
-590.073808   -52.890906   -1345.825

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.870684   66.291518    6.245332
338.542668   39.046687  1433.850
 0.25000    6.870684   82.130702    6.245332
338.542668   39.983440  1703.168
 0.50000    6.870684   99.415683    6.245332
345.374408   41.833227  1985.832
 0.75000    6.870684  117.797881    6.245332
371.734477   44.174677  2271.969
 1.00000    6.870684  137.796803    6.245332
395.275662   46.947373  2554.522

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.896606  -472.033110   -5.082182
-529.925117   -44.917497   -1810.847
 0.25000   -6.896606  -451.754743   -5.082182
-524.325546   -47.042842   -1757.135
 0.50000   -6.896606  -432.700940   -5.082182
-524.325546   -49.866417   -1703.774
 0.75000   -6.896606  -414.338239   -5.082182
-524.325546   -53.386323   -1650.552
 1.00000   -6.896606  -396.986893   -5.082182
-524.325546   -57.528040   -1597.514

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    4.487305   71.428197    0.134398
495.374513   24.656871  1185.526
 0.25000    4.487305   91.511651    0.134398
495.374513   28.460141  1386.569
 0.50000    4.487305  113.554978    0.134398
495.374513   33.260776  1559.089
 0.75000    4.487305  137.122402    0.134398
495.374513   38.934427  1702.376
 1.00000    4.487305  161.269563    0.134398
495.374513   45.465078  1818.830
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    1849

F R A M E  E L E M E N T  I N T E R N A L  F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -4.611600  -385.215972   -7.051538
-75.246883   -32.432423   -962.191496
 0.25000   -4.611600  -360.627764   -7.051538
-75.246883   -30.162277   -905.502914
 0.50000   -4.611600  -336.031523   -7.051538
-75.246883   -27.893018   -848.889471
 0.75000   -4.611600  -312.377643   -7.051538
-75.246883   -25.623653   -792.275890
 1.00000   -4.611600  -290.184717   -7.051538
-75.246883   -23.359125   -735.695936

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.143288   94.356945    0.206331
604.593872   30.069351  1773.189
 0.25000    6.143288  118.424781    0.206331
604.593872   35.645903  2050.457
 0.50000    6.143288  144.778457    0.206331
604.593872   42.321652  2313.745
 0.75000    6.143288  172.913216    0.206331
604.593872   50.406751  2568.458
 1.00000    6.143288  202.254219    0.206331
604.593872   59.457845  2810.420

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.190537  -556.263828   -9.529262
-180.951275   -45.151201   -1597.399
 0.25000   -6.190537  -526.424883   -9.529262
-180.951275   -42.010101   -1512.924
 0.50000   -6.190537  -497.121552   -9.529262
-180.951275   -38.898608   -1428.507
 0.75000   -6.190537  -468.921662   -9.529262
-180.951275   -35.810195   -1344.107
 1.00000   -6.190537  -442.403838   -9.529262
-180.951275   -32.742829   -1259.765

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    6.849425   87.579113    1.954774
537.991461   29.033153  1847.722
 0.25000    6.849425  109.660892    1.954774
537.991461   33.329621  2164.240
 0.50000    6.849425  133.835087    1.954774
537.991461   38.849161  2479.784
 0.75000    6.849425  159.639281    1.954774
537.991461   45.467716  2792.795
 1.00000    6.849425  186.597327    1.954774
537.991461   52.910260  3096.539

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000   -6.591194  -589.604923   -8.137106
-344.638545   -46.477622   -1947.815
 0.25000   -6.591194  -562.192424   -8.137106
-344.638545   -44.512279   -1861.006
 0.50000   -6.591194  -535.322169   -8.137106
-344.638545   -42.673387   -1774.298
 0.75000   -6.591194  -509.461962   -8.137106
-344.638545   -41.534342   -1687.616
 1.00000   -6.591194  -485.138551   -8.137106
-344.638545   -40.490018   -1600.973

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    7.438305   78.544839    5.190945
483.971181   39.779661  1663.656
 0.25000    7.438305   96.955587    5.190945
483.971181   41.715538  1962.867
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 0.50000      7.438305   117.110735     5.190945
483.971181    44.742644    2269.777
 0.75000      7.438305   138.624762     5.190945
483.971181    48.639105    2578.575
 1.00000      7.438305   161.102385     5.190945
483.971181    53.227686    2862.020
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1850

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -7.408202  -536.972964    -6.874090
-486.079107  -49.725744   -1935.587
0.25000   -7.408202  -514.116867    -6.874090
-486.079107  -50.750046   -1866.260
0.50000   -7.408202  -491.713869    -6.874090
-486.079107  -52.342383   -1797.182
0.75000   -7.408202  -470.153259    -6.874090
-486.079107  -54.498420   -1728.215
1.00000   -7.408202  -449.873748    -6.874090
-486.079107  -57.164644   -1659.401

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    4.878736   17.933049    6.626707
96.823111   45.034300   344.030189
0.25000    4.878736   17.938363    6.626707
96.838867   41.282286   407.527168
0.50000    4.878736   17.944244    6.626707
96.856200   38.029934   476.922194
0.75000    4.878736   17.950601    6.626707
96.874767   35.401522   547.667472
1.00000    4.878736   17.957281    6.626707
96.894201   33.230215   619.074658

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.072742   -69.432234    -0.472533
-407.129005  -14.494582   -542.401075
0.25000   -4.072742   -69.423546    -0.472533
-407.112160  -17.690915   -553.533332
0.50000   -4.072742   -69.415096    -0.472533
-407.096078  -21.802988   -566.695500
0.75000   -4.072742   -69.407013    -0.472533
-407.081166  -26.753567   -580.311870
1.00000   -4.072742   -69.399435    -0.472533
-407.067779  -32.340561   -593.949291

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.086875   24.704674   12.656398
138.656702   67.607415   638.399531
0.25000    8.086875   24.709965   12.656398
138.672423   59.535554   763.062279
0.50000    8.086875   24.715860   12.656398
138.689718   52.639141   910.233800
0.75000    8.086875   24.722212   12.656398
138.708245   46.106083   1065.474
1.00000    8.086875   24.728887   12.656398
138.727635   41.873284   1222.648

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -6.629283  -154.569324    -0.320601
-702.049015  -26.112881   -1125.606
0.25000   -6.629283  -154.560640    -0.320601
-702.032224  -32.356152   -1113.009
0.50000   -6.629283  -154.552193    -0.320601
-702.016193  -40.248010   -1119.269
0.75000   -6.629283  -154.544115    -0.320601
-702.001330  -49.766213   -1130.580
1.00000   -6.629283  -154.536539    -0.320601
-701.987988  -60.461444   -1142.125

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.317771   28.256536   11.708663
137.269614   61.560539   1009.122
0.25000    9.317771   28.409502   11.708663
137.722539   54.734196   1193.170
0.50000    9.317771   28.578743   11.708663
138.220826   49.115679   1423.233
0.75000    9.317771   28.761708   11.708663
138.754585   44.432512   1685.230
1.00000    9.317771   28.953965   11.708663
139.313230   40.474027   1957.253
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1851

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -6.947374  -282.587360    -0.568340
-805.188963  -28.015765   -1886.111
0.25000   -6.947374  -282.337240    -0.568340
-804.705100  -33.845477   -1785.469
0.50000   -6.947374  -282.093969    -0.568340
-804.243184  -41.296704   -1735.842
0.75000   -6.947374  -281.861279    -0.568340
-803.814890  -50.253201   -1717.753
1.00000   -6.947374  -281.643098    -0.568340
-803.430421  -60.298379   -1705.625

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   11.276310   55.437580    9.861459
291.569246   60.329173   1413.043
0.25000   11.276310   63.056401    9.861459
311.978206   56.988495   1648.473
0.50000   11.276310   71.485261    9.861459
334.506132   55.046171   1928.145
0.75000   11.276310   80.529196    9.861459
358.658287   54.266546   2243.659
1.00000   11.276310   90.140209    9.861459
383.808878   54.411593   2569.496

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.529412  -455.954115    -4.762569
-786.774365  -47.123507   -2449.417
0.25000   -8.529412  -443.292540    -4.762569
-766.455864  -49.161969   -2253.944
0.50000   -8.529412  -430.941511    -4.762569
-747.063299  -52.927778   -2122.994
0.75000   -8.529412  -419.115701    -4.762569
-729.182942  -58.266725   -2047.503
1.00000   -8.529412  -408.001359    -4.762569
-719.774055  -64.770629   -1998.723

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    3.188162    6.440296    5.564056
33.793548   18.319831   377.609427
0.25000    3.188162    6.493402    5.564056
33.950755   14.252957   451.241035
0.50000    3.188162    6.552159    5.564056
34.123708   10.691217   547.047919
0.75000    3.188162    6.615680    5.564056
34.308973    7.900442   658.626573
1.00000    3.188162    6.682427    5.564056
34.502874    5.716133   772.400869

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -2.384669  -116.990238    -0.141476
-302.320337  -11.927183   -767.852176
0.25000   -2.384669  -116.903399    -0.141476
-302.135219  -14.308316   -715.480792
0.50000   -2.384669  -116.818936    -0.141476
-301.992116  -17.448504   -693.149388
0.75000   -2.384669  -116.738147    -0.141476
-301.843484  -21.523882   -682.895213
1.00000   -2.384669  -116.662395    -0.141476
-301.710065  -26.371405   -673.357697

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.703927   20.883232    4.968033
89.567449   18.507684   925.541945
0.25000    5.703927   20.885546    4.968033
89.583199   16.500203   1067.147
0.50000    5.703927   20.894425    4.968033
89.600526   15.359156   1265.626
0.75000    5.703927   20.900781    4.968033
89.619086   14.899986   1518.490
1.00000    5.703927   20.907461    4.968033
89.638513   14.912828   1771.062
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1852

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -3.710114  -295.607344    -1.927449
-444.013216  -21.606969   -1786.308
0.25000   -3.710114  -295.598656    -1.927449
-443.996379  -22.819713   -1620.597
0.50000   -3.710114  -295.590206    -1.927449
-443.980307  -25.229578   -1517.769
0.75000   -3.710114  -295.582124    -1.927449
-443.965403  -28.201216   -1462.701
1.00000   -3.710114  -295.574547    -1.927449
-443.952023  -32.045382   -1420.859

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.854521   30.545274   10.313835
148.096494   49.248031   1104.563
0.25000    8.854521   30.550056   10.313835
148.116869   43.771831   1286.753
0.50000    8.854521   30.555348   10.313835
148.126263   39.569477   1528.023
0.75000    8.854521   30.561068   10.313835
148.142968   36.393697   1818.789
1.00000    8.854521   30.567080   10.313835
148.160451   33.954774   2127.796

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -6.427483  -327.802977    -1.759802
-720.655158  -30.820323   -2134.995
0.25000   -6.427483  -327.795158    -1.759802
-720.640005  -35.038018   -1990.209
0.50000   -6.427483  -327.787553    -1.759802
-720.625539  -40.832141   -1908.737
0.75000   -6.427483  -327.780279    -1.759802
-720.612126  -48.068927   -1870.183
1.00000   -6.427483  -327.773459    -1.759802
-720.600084  -56.372648   -1843.519

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   11.913138   65.125968    8.599502
404.704428   53.577461   1584.626
0.25000   11.913138   76.379693    8.599502
411.655272   51.798271   1847.532
0.50000   11.913138   88.836493    8.599502
429.478217   51.565362   2152.976
0.75000   11.913138   102.282620   8.599502
458.454815   52.675955   2491.191
1.00000   11.913138   116.340549   8.599502
486.628191   54.807432   2837.644

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.075948  -542.543455    -6.773094
-668.518272   -56.609190   -2749.002
0.25000   -9.075948  -523.328919    -6.773094
-647.453564   -56.780956   -2498.969
0.50000   -9.075948  -504.536794    -6.773094
-640.675457   -58.640162   -2325.658
0.75000   -9.075948  -486.480981    -6.773094
-640.671035   -62.005851   -2217.690
1.00000   -9.075948  -469.477281    -6.773094
-640.671052   -66.498669   -2147.557

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.670800   61.193732    0.150548
617.596387   22.925621   1058.367
0.25000    7.670800   74.782822    0.150548
613.257727   26.881812   1219.421
0.50000    7.670800   89.897826    0.150548
608.917744   32.068136   1380.479
0.75000    7.670800   106.122375   0.150548
604.580408   38.364949   1540.233
1.00000    7.670800   123.007973   0.150548
600.241748   45.440235   1698.255
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1853

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -6.399438  -408.366279    -8.844476
-94.220273   -53.143723   -1529.926
0.25000   -6.399438  -383.844976    -8.844476
-94.220273   -47.560343   -1323.107
0.50000   -6.399438  -359.663005    -8.844476
-94.220273   -42.668922   -1153.795
0.75000   -6.399438  -336.329389    -8.844476
-94.220273   -38.365660   -1028.522
1.00000   -6.399438  -314.287980    -8.844476
-94.220273   -34.510369   -949.195413

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   10.825340   84.923171    0.266108
727.156853   30.194958   1629.658
0.25000   10.825340   100.850633   0.266108
726.676854   35.989366   1855.296
0.50000   10.825340   118.483114   0.266108
726.196854   43.444189   2108.525
0.75000   10.825340   137.474982   0.266108
725.716855   52.473922   2394.527
1.00000   10.825340   157.237918   0.266108
725.236856   62.657363   2694.385

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.579250  -603.597514    -12.566780
-196.794059   -72.909405   -2518.205
0.25000   -8.579250  -575.311865    -12.566780
-196.794059   -64.794611   -2201.197
0.50000   -8.579250  -547.442486    -12.566780
-196.794059   -57.830691   -1945.742
0.75000   -8.579250  -520.576710    -12.566780
-196.794059   -51.850736   -1765.866
1.00000   -8.579250  -495.221689    -12.566780
-196.794059   -46.581415   -1649.714

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   11.814976   80.301856    2.564360
656.871818   32.575802   1820.815
0.25000   11.814976   94.920245    2.564360
656.955393   36.030341   2093.718
0.50000   11.814976   111.101989   2.564360
657.038968   41.448222   2410.719
0.75000   11.814976   128.533572   2.564360
657.122543   48.432202   2773.508
1.00000   11.814976   146.675819   2.564360
657.206118   56.622478   3150.557

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.952451  -658.894973    -10.602397
-394.510310   -69.482536   -2981.799
0.25000   -8.952451  -632.976057    -10.602397
-394.510310   -63.637203   -2628.217
0.50000   -8.952451  -607.444275    -10.602397
-394.510310   -59.290701   -2366.013
0.75000   -8.952451  -582.835150    -10.602397
-394.510310   -56.276406   -2191.020
1.00000   -8.952451  -559.608967    -10.602397
-394.510310   -54.270673   -2074.077

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   12.793071   74.471272    7.456834
593.179975   50.868638   1747.784
0.25000   12.793071   86.658417    7.456834
593.267055   50.333702   2023.694
0.50000   12.793071   100.148876   7.456834
593.354135   51.844646   2346.772
0.75000   12.793071   114.681345   7.456834
593.441215   55.008029   2709.504
1.00000   12.793071   129.806401   7.456834
593.528295   58.443356   3094.792
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1854

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.874353  -608.484881    -8.913565
-591.403372   -67.538370   -2959.747
0.25000   -9.874353  -586.878038    -8.913565
-591.403372   -65.622033   -2660.811
0.50000   -9.874353  -565.594113    -8.913565
-591.403372   -65.517601   -2445.434
0.75000   -9.874353  -545.079444    -8.913565
-591.403372   -67.038171   -2303.988
1.00000   -9.874353  -525.717689    -8.913565
-591.403372   -69.783487   -2207.087

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.438305   94.356945    9.387582
604.593872   44.486119   1847.722
0.25000    7.438305   118.424781   9.387582
604.593872   41.715538   2164.740
0.50000    7.438305   144.778457   9.387582
604.593872   44.742644   2479.784
0.75000    7.438305   172.913216   9.387582
604.593872   50.406751   2792.795
1.00000    7.438305   202.254219   9.387582
604.593872   59.457845   3096.539

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -7.408202  -589.604923    -9.529262
-644.390910   -49.725744   -1947.815
0.25000   -7.408202  -562.192824    -9.529262
-637.137579   -50.750046   -1866.260
0.50000   -7.408202  -535.322169    -9.529262
-637.107068   -52.342383   -1797.182
0.75000   -7.408202  -509.461962    -9.529262
-637.082995   -54.498420   -1728.215
1.00000   -7.408202  -485.138551    -9.529262
-637.063768   -59.472093   -1659.401

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   12.793071   84.923171   12.656398
727.156853   67.607415   1820.815
0.25000   12.793071   100.850633  12.656398
726.676854   59.535554   2093.718
0.50000   12.793071   118.483114  12.656398
726.196854   55.046171   2410.719
0.75000   12.793071   137.474982  12.656398
725.716855   55.008029   2773.508
1.00000   12.793071   157.237918  12.656398
725.236856   62.657363   3150.557

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.874353  -658.894973    -12.566780
-805.188963   -72.909405   -2981.799
0.25000   -9.874353  -632.976057    -12.566780
-804.705100   -65.622033   -2660.811
0.50000   -9.874353  -607.444275    -12.566780
-804.243184   -65.517601   -2445.434
0.75000   -9.874353  -582.835150    -12.566780
-803.814890   -67.038171   -2303.988
1.00000   -9.874353  -559.608967    -12.566780
-803.430421   -69.783487   -2207.087

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   12.793071   94.356945   12.656398
727.156853   67.607415   1847.722
0.25000   12.793071   118.424781  12.656398
726.676854   59.535554   2164.740
0.50000   12.793071   144.778457  12.656398
726.196854   55.046171   2479.784
0.75000   12.793071   172.913216  12.656398
725.716855   55.008029   2792.795
1.00000   12.793071   202.254219  12.656398
725.236856   62.657363   3150.557
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1855

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.874353  -658.894973    -12.566780
-805.188963   -72.909405   -2981.799
0.25000   -9.874353  -632.976057    -12.566780
-804.705100   -65.622033   -2660.811
0.50000   -9.874353  -607.444275    -12.566780
-804.243184   -65.517601   -2445.434
0.75000   -9.874353  -582.835150    -12.566780
-803.814890   -67.038171   -2303.988
1.00000   -9.874353  -559.608967    -12.566780
-803.430421   -69.783487   -2207.087

ELEM      158 ================== LENGTH
=    4.927799

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    2.414928    3.643400    5.434006
27.454234   24.575800   382.720499
0.25000    2.414928    3.654909    5.434006
27.484951   22.419711   434.076746
0.50000    2.414928    3.667298    5.434006
27.517924   20.298123   486.999699
0.75000    2.414928    3.680383    5.434006
27.552650   18.182421   541.305576
1.00000    2.414928    3.695287    5.434006
27.593227   16.087230   596.530663

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -2.786549  -48.578243    -0.291679
-264.222271   -31.508735   -442.696982
0.25000   -2.786549  -48.563236    -0.291679
-264.183849   -34.540849   -441.260987
0.50000   -2.786549  -48.549881    -0.291679
-264.150632   -38.232819   -439.872128
0.75000   -2.786549  -48.537015    -0.291679
-264.123061   -42.559663   -438.511942
1.00000   -2.786549  -48.524847    -0.291679
-264.101938   -47.468606   -437.467360

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    4.065472    7.383201    8.503318
38.737994   30.770926   810.159652
0.25000    4.065472    7.394700    8.503318
38.768653   27.652250   913.387017
0.50000    4.065472    7.407087    8.503318
38.801569   24.622449   1021.754
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              1856

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.75000    4.065472    7.420166    8.503318
38.836237   21.795555   1135.719
1.00000    4.065472    7.435059    8.503318
38.876739   19.389267   1252.526

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.555610  -106.693011    -1.214016
-462.126019   -58.231217   -859.078096
0.25000   -4.555610  -106.678014    -1.214016
-462.087667   -61.461476   -849.190425
0.50000   -4.555610  -106.664665    -1.214016
-462.054504   -65.972902   -839.302796
0.75000   -4.555610  -106.651809    -1.214016
-462.027213   -71.796790   -829.591960
1.00000   -4.555610  -106.639642    -1.214016
-462.006130   -78.789021   -820.121601

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.385815   10.170693    7.888914
74.082759   29.357041   1428.254
0.25000    5.385815   10.181043    7.888914
74.110363   26.800984   1578.600
0.50000    5.385815   10.192192    7.888914
74.139997   24.368248   1747.089
0.75000    5.385815   10.203964    7.888914
74.171209   22.108965   1931.656
1.00000    5.385815   10.217370    7.888914
74.207674   20.163577   2128.364

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.738268  -186.587612    -1.707245
-558.956706   -56.168267   -1275.367
0.25000   -4.738268  -186.574113    -1.707245
-558.922177   -58.521125   -1248.221
0.50000   -4.738268  -186.562097    -1.707245
-558.892321   -62.136777   -1221.075
0.75000   -4.738268  -186.550523    -1.707245
-558.867708   -67.080923   -1194.091
1.00000   -4.738268  -186.539575    -1.707245
-558.848726   -73.268155   -1167.310

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    6.329563   60.605375    6.879171
206.384918   44.051653   2200.713
0.25000    6.329563   71.326551    6.879171
229.045240   43.040564   2406.271
0.50000    6.329563   82.910094    6.879171
250.916413   42.520380   2619.537
0.75000    6.329563   95.160800    6.879171
276.383293   42.559879   2840.725
1.00000    6.329563   108.827427   6.879171
309.921165   43.138536   3063.380

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -5.805394  -345.533092    -4.153178
-579.018846   -57.545177   -1523.865
0.25000   -5.805394  -331.758989    -4.153178
-550.811604   -58.564901   -1479.092
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 0.50000    -5.805394  -319.235393    -4.153178
-532.895389  -60.645210   -1434.366
 0.75000    -5.805394  -307.185510    -4.153178
-514.923296  -63.828600   -1389.794
 1.00000    -5.805394  -295.815146    -4.153178
-502.871629  -68.051196   -1345.392

  COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.907695    4.531373    2.695817
 8.534239    4.333439   591.753754
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1857

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    1.907695    4.657902    2.695817
 8.871873    3.701403  657.463755
 0.50000    1.907695    4.794197    2.695817
 9.234321    3.197905  730.010858
 0.75000    1.907695    4.938101    2.695817
 9.616058    2.889919  807.408105
 1.00000    1.907695    5.101997    2.695817
10.062072    2.937009  888.460220

  COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.669380  -80.589699   -1.203274
-213.950839  -25.213307  -518.458570
 0.25000   -1.669380  -80.424661   -1.203274
-213.528505  -24.899578  -504.665467
 0.50000   -1.669380  -80.277781   -1.203274
-213.163357  -25.209724  -490.874343
 0.75000   -1.669380  -80.136288   -1.203274
-212.861305  -25.166705  -477.101125
 1.00000   -1.669380  -80.002458   -1.203274
-212.629131  -27.741726  -463.343839

  COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.844250   22.449766    2.501860
119.274957   11.335245   1528.014
 0.25000    3.844250   22.461268    2.501860
119.305639   11.398732   1641.275
 0.50000    3.844250   22.473657    2.501860
119.338578   11.716527   1787.201
 0.75000    3.844250   22.486738    2.501860
119.373269   12.326308   1966.054
 1.00000    3.844250   22.501636    2.501860
119.413801   13.340384   2168.545

  COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.578703  -201.745051   -2.356455
-347.410734  -28.097084   -1086.382
 0.25000   -2.578703  -201.730049   -2.356455
-347.372354  -27.070405   -1049.350
 0.50000   -2.578703  -201.716698   -2.356455
-347.339170  -26.630798   -1012.317
 0.75000   -2.578703  -201.703836   -2.356455
-347.311767  -26.884312  -975.301332
 1.00000   -2.578703  -201.691671   -2.356455
-347.290668  -27.841946  -938.300208

  COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.310257   23.178417    6.207217
124.111386   25.520736   1701.464
 0.25000    5.310257   23.188769    6.207217
124.139000   23.979681   1847.511
 0.50000    5.310257   23.199919    6.207217
124.168645   22.711737   2024.661
 0.75000    5.310257   23.211692    6.207217
124.199867   21.663281   2232.547
 1.00000    5.310257   23.225100    6.207217
124.236346   20.918826   2462.730

  COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.446543  -223.981465   -2.469895
-521.104216  -51.486501   -1345.981
 0.25000   -4.446543  -223.967964   -2.469895
-521.069674  -52.350352   -1309.749
 0.50000   -4.446543  -223.955948   -2.469895
-521.039809  -54.287795   -1273.560
 0.75000   -4.446543  -223.944372   -2.469895
-521.015145  -57.399767   -1237.551
 1.00000   -4.446543  -223.933424   -2.469895
-520.996157  -61.619662   -1201.580
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1858

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.713918   86.301788    5.662699
303.895351   47.698274   2555.431
 0.25000    6.713918  102.675297    5.662699
303.895351   47.867833   2792.418
 0.50000    6.713918  120.439202    5.662699
320.499050   48.745791   3026.545
 0.75000    6.713918  139.269266    5.662699
345.574398   50.474988   3257.144
 1.00000    6.713918  159.676353    5.662699
367.864067   52.915593   3479.845

  COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.142933  -422.652101   -5.774456
-475.765605  -56.241445   -1597.540
 0.25000   -6.142933  -402.058226   -5.774456
-454.459145  -54.866632   -1543.170
 0.50000   -6.142933  -382.767864   -5.774456
-438.361577  -56.047485   -1488.928
 0.75000   -6.142933  -364.237197   -5.774456
-438.361577  -57.381407   -1434.840
 1.00000   -6.142933  -346.807835   -5.774456
-438.363196  -59.645140   -1380.783

  COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.044721  106.112663    1.007805
447.143865   46.083331   1817.317
 0.25000    4.044721  126.831980    1.007805
447.143865   48.488773   1976.056
 0.50000    4.044721  149.510875    1.007805
447.143865   51.931444   2104.031
 0.75000    4.044721  173.658073    1.007805
447.143865   56.387634   2200.787
 1.00000    4.044721  198.315395    1.007805
447.143865   61.798675   2269.197

  COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.201628  -347.602085   -6.513873
-22.605080  -23.131813  -735.501585
 0.25000   -4.201628  -322.650637   -6.513873
-22.605080  -20.962130  -697.344113
 0.50000   -4.201628  -297.809392   -6.513873
-22.605080  -18.795316  -659.260676
 0.75000   -4.201628  -274.020460   -6.513873
-22.605080  -16.632638  -621.177669
 1.00000   -4.201628  -251.800385   -6.513873
-22.605080  -14.470628  -583.095300

  COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.900766  141.903165    1.223133
577.301781   60.439972   2808.879
 0.25000    5.900766  166.741814    1.223133
577.301781   63.636005   3024.185
 0.50000    5.900766  193.846759    1.223133
577.301781   68.180674   3222.425
 0.75000    5.900766  222.670970    1.223133
577.301781   74.095503   3407.621
 1.00000    5.900766  252.625997    1.223133
577.301781   81.246587   3577.304

  COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.723383  -499.440024   -8.534547
-115.103889  -32.553581   -1259.536
 0.25000   -5.723383  -469.152873   -8.534547
-115.103889  -29.672355   -1198.235
 0.50000   -5.723383  -439.536644   -8.534547
-115.103889  -26.801319   -1137.049
 0.75000   -5.723383  -411.151037   -8.534547
-115.103889  -23.945218   -1075.864
 1.00000   -5.723383  -384.571983   -8.534547
-115.103889  -21.109116   -1014.681
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1859

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.969898  128.105226    2.241988
522.824023   54.660987   3095.709
 0.25000    6.969898  150.895564    2.241988
522.824023   57.455978   3350.327
 0.50000    6.969898  175.758495    2.241988
522.824023   61.432649   3597.469
 0.75000    6.969898  202.194782    2.241988
522.824023   66.652348   3836.631
 1.00000    6.969898  229.716451    2.241988
522.824023   72.938179   4062.607

  COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.966324  -526.836635   -8.326324
-266.562917  -39.584648   -1600.797
 0.25000   -5.966324  -499.012110   -8.326324
-266.562917  -36.461870   -1531.159
 0.50000   -5.966324  -471.852791   -8.326324
-266.562917  -33.694836   -1461.620
 0.75000   -5.966324  -445.819785   -8.326324
-266.562917  -31.282692   -1392.083
 1.00000   -5.966324  -421.437591   -8.326324
-266.562917  -29.316368   -1322.546

  COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.263783  109.281314    4.851127
446.599867   54.252267   2882.119
 0.25000    7.263783  128.283210    4.851127
446.599867   55.459617   3134.771
 0.50000    7.263783  149.012237    4.851127
446.599867   57.667313   3382.542
 0.75000    7.263783  171.053258    4.851127
446.599867   60.991484   3625.182
 1.00000    7.263783  194.000812    4.851127
446.599867   65.397122   3858.380

  COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.632367  -479.518100   -7.434945
-394.160727  -55.939896   -1659.334
 0.25000   -6.632367  -456.318101   -7.434945
-394.160727  -54.163958   -1596.879
 0.50000   -6.632367  -433.674370   -7.434945
-394.160727  -53.159821   -1534.575
 0.75000   -6.632367  -411.969615   -7.434945
-394.160727  -53.015379   -1472.340
 1.00000   -6.632367  -391.641007   -7.434945
-394.160727  -53.677592   -1410.116

  COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.613784    6.670977    7.284032
36.550427   32.266841  620.642216
 0.25000    4.613784    6.676685    7.284032
36.566078   28.885143  682.167245
 0.50000    4.613784    6.682973    7.284032
36.583290   25.373808  744.071231
 0.75000    4.613784    6.689707    7.284032
36.601731   22.788873  806.519108
 1.00000    4.613784    6.696768    7.284032
36.620968   20.223612  869.296919

  COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.546771  -64.490002   -0.242931
-340.317468  -30.175311   -594.115845
 0.25000   -3.546771  -64.481535   -0.242931
-340.300814  -35.163665   -591.147418
 0.50000   -3.546771  -64.473323   -0.242931
-340.284897  -40.514320   -588.131199
 0.75000   -3.546771  -64.465493   -0.242931
-340.270126  -46.681898   -585.176327
 1.00000   -3.546771  -64.458192   -0.242931
-340.256884  -53.059319   -582.287640
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1860

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.809646   11.472364   10.835674
48.703970   40.823634   1225.302
 0.25000    7.809646   11.478068   10.835674
48.719585   35.416285   1353.334
 0.50000    7.809646   11.484352   10.835674
48.736758   30.887369   1482.998
 0.75000    7.809646   11.491081   10.835674
48.755158   27.196166   1614.958
 1.00000    7.809646   11.498136   10.835674
48.774350   23.880864   1748.006

  COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.787482  -140.943665   -0.972636
-582.826038  -58.036481   -1142.386
 0.25000   -5.787482  -140.935203   -0.972636
-582.809436  -63.565635   -1127.738
 0.50000   -5.787482  -140.926995   -0.972636
-582.793569  -70.469272   -1113.095
 0.75000   -5.787482  -140.919169   -0.972636
-582.778844  -78.969028   -1098.555
 1.00000   -5.787482  -140.911871   -0.972636
-582.765647  -88.162389   -1084.074

  COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.544263   17.797577    9.907447
81.321221   40.631841   1960.120
 0.25000    9.544263   17.961874    9.907447
81.771117   35.974390   2164.308
 0.50000    9.544263   18.142872    9.907447
82.265872   32.145554   2374.871
 0.75000    9.544263   18.336690    9.907447
82.795984   29.059057   2590.274
 1.00000    9.544263   18.539313    9.907447
83.348925   26.275160   2808.722

  COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.190088  -244.973633   -1.517004
-673.867358  -56.088798   -1705.864
 0.25000   -6.190088  -244.729897   -1.517004
-673.388972  -62.568399   -1668.220
 0.50000   -6.190088  -244.493473   -1.517004
-672.931752  -68.369983   -1630.583
 0.75000   -6.190088  -244.268075   -1.517004
-672.507457  -75.569799   -1593.076
 1.00000   -6.190088  -244.057884   -1.517004
-672.127147  -83.443797   -1555.533

  COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   11.514899   57.439659    8.527083
230.448217   54.717669   2571.291
 0.25000   11.514899   65.673949    8.527083
250.580194   52.811078   2843.066
 0.50000   11.514899   74.739537    8.527083
272.827413   51.890509   3107.221
 0.75000   11.514899   84.433942    8.527083
296.657155   51.800432   3365.377
 1.00000   11.514899   94.579058    8.527083
321.444814   52.162968   3611.213

  COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.749982  -390.751823   -4.594280
-662.394520  -62.489744   -1998.883
 0.25000   -7.749982  -378.451571   -4.594280
-642.229284  -64.654037   -1940.278
 0.50000   -7.749982  -366.497176   -4.594280
-622.937450  -68.144602   -1881.660
 0.75000   -7.749982  -355.089570   -4.594280
-605.141181  -72.963932   -1823.140
 1.00000   -7.749982  -344.419185   -4.594280
-592.314607  -78.436813   -1764.609
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1861

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.365855    6.041923    2.940729
9.998107    6.235577  773.460401
 0.25000    3.365855    6.098964    2.940729
10.154260    5.284181  858.717987
 0.50000    3.365855    6.161804    2.940729
10.325985    4.513284  945.006615
 0.75000    3.365855    6.229094    2.940729
10.509982    3.905922  1034.306
 1.00000    3.365855    6.299649    2.940729
10.701902    3.545340  1125.195

  COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.119467  -102.030408   -0.960404
-247.357125  -25.773086  -673.386406
 0.25000   -2.119467  -101.945786   -0.960404
-247.191106  -26.425607  -655.315506
 0.50000   -2.119467  -101.863701   -0.960404
-247.032432  -27.392866  -637.249363
 0.75000   -2.119467  -101.785445   -0.960404
-246.886185  -29.697727  -619.186678
 1.00000   -2.119467  -101.712467   -0.960404
-246.753207  -31.564314  -601.139387

  COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.368786   25.848398    2.677829
101.964802   16.418084   1792.292
 0.25000    6.368786   25.854105    2.677829
101.980447   16.348218   1966.550
 0.50000    6.368786   25.860393    2.677829
101.997653   16.587901   2153.727
 0.75000    6.368786   25.867126    2.677829
102.016087   17.050800   2357.098
 1.00000    6.368786   25.874185    2.677829
102.035316   17.771766   2568.053

  COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -3.477369  -247.942414   -2.373834
-373.590773  -31.411428   -1420.889
 0.25000   -3.477369  -247.933948   -2.373834
-373.574127  -31.015262   -1372.803
 0.50000   -3.477369  -247.925736   -2.373834
-373.558218  -31.094541   -1324.724
 0.75000   -3.477369  -247.917907   -2.373834
-373.543455  -31.843814   -1276.670
 1.00000   -3.477369  -247.910606   -2.373834
-373.530220  -33.043115   -1228.574

  COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.301616   27.947277    7.567767
114.740729   34.660642   2130.135
 0.25000    9.301616   27.952413    7.567767
114.754810   31.727140   2341.077
 0.50000    9.301616   27.958072    7.567767
114.770295   29.817408   2564.086
 0.75000    9.301616   27.964132    7.567767
114.786886   28.179678   2802.046
 1.00000    9.301616   27.970486    7.567767
114.804192   26.879109   3047.016

  COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.822074  -280.173541   -2.413016
-603.008921  -54.604332   -1843.719
 0.25000   -5.822074  -280.165917   -2.413016
-602.993941  -57.154572   -1796.142
 0.50000   -5.822074  -280.158531   -2.413016
-602.979623  -60.724314   -1748.607
 0.75000   -5.822074  -280.151485   -2.413016
-602.966335  -65.390311   -1677.335
 1.00000   -5.822074  -280.144914   -2.413016
-602.954424  -70.818750   -1630.342
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1862

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.190377   76.166222    6.678259
325.091096   55.408950   2838.472
 0.25000   12.190377   88.458404    6.678259
331.657788   55.568109   3145.871
 0.50000   12.190377  101.980083    6.678259
354.830280   56.778220   3436.014
 0.75000   12.190377  116.410332    6.678259
383.521919   58.766045   3709.602
 1.00000   12.190377  131.458983    6.678259
411.352367   61.355891   3961.905

  COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.308281  -461.262141   -6.577760
-550.897163  -64.326614   -2147.632
 0.25000   -8.308281  -442.693746   -6.577760
-529.735520  -64.203524   -2077.664
 0.50000   -8.308281  -424.594587   -6.577760
-509.432349  -65.228668   -2007.677
 0.75000   -8.308281  -407.270455   -6.577760
-508.829046  -67.384579   -1917.943
 1.00000   -8.308281  -391.050357   -6.577760
-508.831767  -70.321495   -1848.438

  COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.477317   83.801067    0.778291
512.227316   45.288514   1696.038
 0.25000    7.477317   98.971041    0.778291
507.889275   49.226266   1886.738
 0.50000    7.477317  115.649990    0.778291
503.551233   54.187206   2045.071
 0.75000    7.477317  133.376160    0.778291
499.213191   60.152210   2170.136
 1.00000    7.477317  151.728852    0.778291
494.875149   66.846502   2262.287

  COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.913627  -339.137273   -8.006546
-29.454627   -33.265699   -949.000828
 0.25000   -5.913627   -315.698055   -8.006546
-29.454627   -29.345029   -900.944376
 0.50000   -5.913627   -292.696921   -8.006546
-29.454627   -25.938954   -852.955957
 0.75000   -5.913627   -270.563821   -8.006546
-29.454627   -22.910678   -805.017509
 1.00000   -5.913627   -249.777133   -8.006546
-29.454627   -20.151830   -756.994666

  COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.889280  116.858525    1.016616
630.748465   62.921784   2691.985
 0.25000   10.889280  134.513494    1.016616
630.268534   68.529695   2967.914
 0.50000   10.889280  153.923690    1.016616
629.788603   75.363461   3217.807
 0.75000   10.889280  174.573063    1.016616
629.308673   83.352333   3447.338
 1.00000   10.889280  195.987493    1.016616
628.828742   92.155899   3643.261

  COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.045971  -501.197193  -10.579767
-113.889066   -45.124231   -1649.508
 0.25000   -8.045971  -474.070755  -10.579767
-113.889066   -40.095632   -1571.121
 0.50000   -8.045971  -447.497387  -10.579767
-113.889066   -35.756338   -1492.837
 0.75000   -8.045971  -421.944951  -10.579767
-113.889066   -31.910272   -1414.547
 1.00000   -8.045971  -397.960834  -10.579767
-113.889066   -28.368383   -1330.430
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    1863

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

  COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   12.246703  108.018149    2.090323
571.269577   57.907269   3149.150
 0.25000   12.246703  124.211460    2.090323
571.353140   62.462004   3481.003
 0.50000   12.246703  142.015415    2.090323
571.436703   68.179434   3789.196
 0.75000   12.246703  160.958396    2.090323
571.520266   74.909712   4077.391
 1.00000   12.246703  180.607101    2.090323
571.603829   82.389203   4337.197

  COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -8.366617  -548.971631   -9.923714
-282.195566   -52.756750   -2074.902
 0.25000   -8.366617  -524.107686   -9.923714
-282.195566   -48.191973   -1985.398
 0.50000   -8.366617  -499.754702   -9.923714
-282.195566   -44.407225   -1896.955
 0.75000   -8.366617  -476.340655   -9.923714
-282.195566   -41.173932   -1808.579
 1.00000   -8.366617  -454.365519   -9.923714
-282.195566   -38.985943   -1720.188

  COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   13.065649   93.838908    5.457256
490.129983   60.134185   3084.610
 0.25000   13.065649  107.338787    5.457256
490.217051   62.056991   3411.208
 0.50000   13.065649  122.181254    5.457256
490.304119   65.192566   3718.781
 0.75000   13.065649  137.973446    5.457256
490.391186   69.376052   4010.218
 1.00000   13.065649  154.354104    5.457256
490.478254   74.372373   4278.388

  COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -9.077579  -511.954785   -8.663092
-452.376156   -67.612438   -2207.035
 0.25000   -9.077579  -491.227144   -8.663092
-452.376156   -65.562496   -2126.301
 0.50000   -9.077579  -470.925610   -8.663092
-452.376156   -64.609867   -2045.699
 0.75000   -9.077579  -451.406918   -8.663092
-452.376156   -64.773081   -1965.131
 1.00000   -9.077579  -433.087810   -8.663092
-452.376156   -65.720179   -1882.841

  COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.263783  141.903166    8.503318
577.301781   60.439972   3095.709
 0.25000    7.263783  166.741814    8.503318
577.301781   63.636005   3350.327
 0.50000    7.263783  193.846759    8.503318
577.301781   68.180674   3597.469
 0.75000    7.263783  222.670970    8.503318
```

```
577.301781    74.095503    3836.631
  1.00000     7.263783   252.625997     8.503318
577.301781    81.246587    4062.607

 COMB       DB ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -6.632367 -526.836635   -8.534547
-579.018846   -58.231217    -1659.334
 0.25000   -6.632367 -499.012110   -8.534547
-558.922177   -61.661476    -1596.879
 0.50000   -6.632367 -471.852791   -8.534547
-558.892321   -65.972902    -1534.575
 0.75000   -6.632367 -445.819785   -8.534547
-558.867708   -71.796790    -1472.340
 1.00000   -6.632367 -421.437591   -8.534547
-558.848726   -78.789021    -1410.116
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1864

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB       DL ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   13.065649  116.858525   10.835674
630.748465    62.921784    3149.150
 0.25000   13.065649  134.513494   10.835674
630.268534    68.529695    3481.003
 0.50000   13.065649  153.923690   10.835674
629.788603    75.363461    3789.196
 0.75000   13.065649  174.573405   10.835674
629.308673    83.352333    4077.391
 1.00000   13.065649  195.987493   10.835674
628.828742    92.155899    4337.197

 COMB       DL ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -9.077579 -548.971631   -10.579767
-673.867358   -67.612438    -2207.035
 0.25000   -9.077579 -524.107686   -10.579767
-673.388972   -65.562496    -2126.301
 0.50000   -9.077579 -499.754702   -10.579767
-672.931752   -70.469272    -2045.699
 0.75000   -9.077579 -476.340655   -10.579767
-672.507457   -78.969028    -1965.131
 1.00000   -9.077579 -454.365519   -10.579767
-672.127147   -88.162389    -1882.841

 COMB       CAR ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   13.065649  141.903166   10.835674
630.748465    62.921784    3149.150
 0.25000   13.065649  166.741814   10.835674
630.268534    68.529695    3481.003
 0.50000   13.065649  193.846759   10.835674
629.788603    75.363461    3789.196
 0.75000   13.065649  222.670970   10.835674
629.308673    83.352333    4077.391
 1.00000   13.065649  252.625997   10.835674
628.828742    92.155899    4337.197

 COMB       CAR ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -9.077579 -548.971631   -10.579767
-673.867358   -67.612438    -2207.035
 0.25000   -9.077579 -524.107686   -10.579767
-673.388972   -65.562496    -2126.301
 0.50000   -9.077579 -499.754702   -10.579767
-672.931752   -70.469272    -2045.699
 0.75000   -9.077579 -476.340655   -10.579767
-672.507457   -78.969028    -1965.131
 1.00000   -9.077579 -454.365519   -10.579767
-672.127147   -88.162389    -1882.841

 COMB       DESIGN ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   13.065649  141.903166   10.835674
630.748465    62.921784    3149.150
 0.25000   13.065649  166.741814   10.835674
630.268534    68.529695    3481.003
 0.50000   13.065649  193.846759   10.835674
629.788603    75.363461    3789.196
 0.75000   13.065649  222.670970   10.835674
629.308673    83.352333    4077.391
 1.00000   13.065649  252.625997   10.835674
628.828742    92.155899    4337.197

 COMB       DESIGN ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -9.077579 -548.971631   -10.579767
-673.867358   -67.612438    -2207.035
 0.25000   -9.077579 -524.107686   -10.579767
-673.388972   -65.562496    -2126.301
 0.50000   -9.077579 -499.754702   -10.579767
-672.931752   -70.469272    -2045.699
 0.75000   -9.077579 -476.340655   -10.579767
-672.507457   -78.969028    -1965.131
 1.00000   -9.077579 -454.365519   -10.579767
-672.127147   -88.162389    -1882.841
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1865

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

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 COMB DB-G1-1 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    2.176142    4.230058    4.709000
 1.171803   15.687486   597.472323
 0.25000    2.176142    4.241821    4.709000
 1.201844   13.719759   634.521025
 0.50000    2.176142    4.254454    4.709000
 1.234191   11.756976   672.214982
 0.75000    2.176142    4.267757    4.709000
 1.268288    9.802489   710.907912
 1.00000    2.176142    4.282867    4.709000
 1.308202    7.866622   750.176495

 COMB DB-G1-1 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -2.386657   -36.183779   -1.160495
-189.268725   -46.886008   -437.468177
 0.25000   -2.386657   -36.168570   -1.160495
-189.230808   -48.652119   -427.549860
 0.50000   -2.386657   -36.155032   -1.160495
-189.198118   -51.113368   -417.631542
 0.75000   -2.386657   -36.142020   -1.160495
-189.166873   -54.215152   -407.713241
 1.00000   -2.386657   -36.129744   -1.160495
-189.142653   -57.914392   -397.845368

 COMB DB-G1-2 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    4.045939    8.934453    7.349610
12.166311   19.064352    1254.085
 0.25000    4.045939    8.946210    7.349610
12.196295   16.618331    1327.080
 0.50000    4.045939    8.958838    7.349610
12.228584   14.223696    1403.045
 0.75000    4.045939    8.972135    7.349610
12.262624   11.907376    1482.628
 1.00000    4.045939    8.987234    7.349610
12.302465    9.623437    1565.503

 COMB DB-G1-2 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -3.901624   -81.216667   -3.113797
-343.121258   -77.747531   -820.108473
 0.25000   -3.901624   -81.201468   -3.113797
-343.083410   -78.779930   -798.040636
 0.50000   -3.901624   -81.187936   -3.113797
-343.050775   -81.253602   -775.972798
 0.75000   -3.901624   -81.174930   -3.113797
-343.019583   -85.138890   -753.905434
 1.00000   -3.901624   -81.162659   -3.113797
-342.995605   -90.258307   -731.904934

 COMB DB-G1-3 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    5.627443   23.382766    6.805441
93.835901    20.483597    2129.956
 0.25000    5.627443   23.393348    6.805441
93.862897    18.374376    2231.253
 0.50000    5.627443   23.404714    6.805441
93.891968    16.353237    2346.750
 0.75000    5.627443   23.416682    6.805441
93.922614    14.441622    2476.125
 1.00000    5.627443   23.430274    6.805441
93.956484    12.554665    2617.498

 COMB DB-G1-3 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -4.048056 -147.092938   -3.535334
-442.068235   -71.932008    -1167.305
 0.25000   -4.048056 -147.079257   -3.535334
-442.034160   -72.050050    -1129.948
 0.50000   -4.048056 -147.067077   -3.535334
-442.004778   -73.577334    -1092.591
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1866

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST              P            V2           V3
      T              M2            M3
 0.75000   -4.048056 -147.055371   -3.535334
-441.976696   -76.566701    -1055.233
 1.00000   -4.048056 -147.044326   -3.535334
-441.955072   -80.959828    -1017.937

 COMB DB-G1-4 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    6.461559   85.854364    6.712388
203.712959    43.731306    3064.515
 0.25000    6.461559   96.824039    6.712388
226.456161    42.478855    3208.595
 0.50000    6.461559  108.641525    6.712388
248.189188    41.725957    3354.638
 0.75000    6.461559  121.105850    6.712388
276.760308    41.540091    3506.002
 1.00000    6.461559  134.974125    6.712388
309.713522    41.698719    3657.753

 COMB DB-G1-4 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.065270 -296.573476   -5.377881
-500.925998   -66.796320    -1345.402
 0.25000   -5.065270 -282.605116   -5.377881
-469.605412   -66.317143    -1296.633
 0.50000   -5.065270 -269.905684   -5.377881
-446.736702   -67.019563    -1247.863
 0.75000   -5.065270 -257.713405   -5.377881
-428.983333   -68.935935    -1199.102
 1.00000   -5.065270 -246.235972   -5.377881
-411.961477   -72.022444    -1150.417

 COMB DB-G2-1 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    2.225455    8.154887    2.308363
34.458022    3.332504   889.045570
 0.25000    2.225455    8.284248    2.308363
34.788225    2.956297   933.406159
 0.50000    2.225455    8.423194    2.308363
35.143783    2.615162   982.773618
 0.75000    2.225455    8.569500    2.308363
35.518603    2.344441    1037.185
 1.00000    2.225455    8.735663    2.308363
35.957334    2.126501    1095.346

 COMB DB-G2-1 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -1.426759   -64.042556   -2.120679
-175.743451   -27.241037   -463.331874
 0.25000   -1.426759   -63.875296   -2.120679
-175.326674   -25.959457   -447.021977
 0.50000   -1.426759   -63.726408   -2.120679
-174.967321   -25.521503   -430.712081
 0.75000   -1.426759   -63.583304   -2.120679
-174.623859   -25.846234   -414.402201
 1.00000   -1.426759   -63.448285   -2.120679
-174.358504   -26.792955   -398.092495

 COMB DB-G2-2 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    4.453314   42.415019    2.445489
173.193160    14.537318    2169.156
 0.25000    4.453314   42.426778    2.445489
173.223167    14.382951    2236.752
 0.50000    4.453314   42.439408    2.445489
173.255479    14.634463    2331.677
 0.75000    4.453314   42.452707    2.445489
173.289542    15.105127    2458.135
 1.00000    4.453314   42.467811    2.445489
173.329412    15.698545    2608.233

 COMB DB-G2-2 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -2.250492 -165.981980   -3.135714
-311.011813   -27.036471   -938.305182
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1867

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST              P            V2           V3
      T              M2            M3
 0.25000   -2.250492 -165.966726   -3.135714
-310.973938   -25.142846   -901.370101
 0.50000   -2.250492 -165.953242   -3.135714
-310.941281   -23.982382   -864.435019
 0.75000   -2.250492 -165.940234   -3.135714
-310.910068   -23.636046   -827.512192
 1.00000   -2.250492 -165.927960   -3.135714
-310.885993   -24.117624   -790.597779

 COMB DB-G2-3 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    5.779886   41.592922    5.623099
156.474456    21.471697    2464.007
 0.25000    5.779886   41.603505    5.623099
156.501462    20.324864    2556.486
 0.50000    5.779886   41.614873    5.623099
156.530543    19.398243    2674.399
 0.75000    5.779886   41.626842    5.623099
156.561200    18.668786    2821.667
 1.00000    5.779886   41.640435    5.623099
156.597083    18.068936    2990.511

 COMB DB-G2-3 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -3.845164 -180.954075   -4.116422
-430.797777   -60.432122    -1201.578
 0.25000   -3.845164 -180.940449   -4.116422
-430.763690   -59.544682    -1159.386
 0.50000   -3.845164 -180.928268   -4.116422
-430.734298   -59.874719    -1117.193
 0.75000   -3.845164 -180.916561   -4.116422
-430.706206   -61.523890    -1075.011
 1.00000   -3.845164 -180.905515   -4.116422
-430.684539   -64.448875    -1032.894

 COMB DB-G2-4 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    6.815835  117.167871    5.979551
283.040690    53.706406    3480.433
 0.25000    6.815835  133.938943    5.979551
283.040690    53.331113    3650.502
 0.50000    6.815835  152.079809    5.979551
305.491104    53.680788    3811.714
 0.75000    6.815835  171.257223    5.979551
329.655635    54.955359    3966.611
 1.00000    6.815835  191.992445    5.979551
351.126888    56.825766    4111.502

 COMB DB-G2-4 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.389742 -369.877676   -6.727790
-420.228677   -58.431202    -1380.792
 0.25000   -5.389742 -348.974749   -6.727790
-397.739728   -56.878033    -1327.152
 0.50000   -5.389742 -329.403788   -6.727790
-373.842646   -56.336511    -1273.512
 0.75000   -5.389742 -310.643131   -6.727790
-358.933926   -56.899642    -1219.879
 1.00000   -5.389742 -293.037132   -6.727790
-358.933926   -58.531006    -1166.343

 COMB DB-G3-1 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    3.586568  130.639922    2.272330
366.029714    62.302771    2268.022
 0.25000    3.586568  151.908828    2.272330
366.029714    63.269843    2391.823
 0.50000    3.586568  175.115226    2.272330
366.029714    65.317519    2482.699
 0.75000    3.586568  199.756194    2.272330
366.029714    68.471527    2540.060
 1.00000    3.586568  224.880284    2.272330
366.029714   70.610410    2566.873
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1868

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -3.761101 -320.725864   -5.789321
-70.326694   -14.095157   -583.104312
 0.25000   -3.761101 -295.351215   -5.789321
-70.326694   -12.628934   -554.395937
 0.50000   -3.761101 -270.124151   -5.789321
-70.326694   -11.166755   -525.687563
 0.75000   -3.761101 -246.012028   -5.789321
-70.326694    -9.716707   -497.011194
 1.00000   -3.761101 -223.535003   -5.789321
-70.326694    -8.283654   -468.368671

 COMB DB-G3-2 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    5.602197  181.437944    3.173463
498.232277    82.164913    3576.087
 0.25000    5.602197  206.918508    3.173463
498.232277    83.640043    3733.566
 0.50000    5.602197  234.637675    3.173463
498.232277    86.475648    3868.982
 0.75000    5.602197  264.034261    3.173463
498.232277    90.779078    3988.090
 1.00000    5.602197  294.530496    3.173463
498.232277    96.403687    4088.106

 COMB DB-G3-2 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.186156 -454.524906   -7.603611
-156.035365   -20.642149    -1014.708
 0.25000   -5.186156 -423.742301   -7.603611
-156.035365   -18.713100   -966.483577
 0.50000   -5.186156 -393.674461   -7.603611
-156.035365   -16.803046   -918.259213
 0.75000   -5.186156 -364.912968   -7.603611
-156.035365   -14.919926   -870.073466
 1.00000   -5.186156 -338.037661   -7.603611
-156.035365   -13.062941   -821.953031

 COMB DB-G3-3 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    6.958591  170.941985    3.625910
491.296292    75.436217    4061.854
 0.25000    6.958591  194.320145    3.625910
491.296292    75.402813    4244.717
 0.50000    6.958591  219.744595    3.625910
491.296292    77.735387    4413.580
 0.75000    6.958591  246.704263    3.625910
491.296292    81.405979    4571.385
 1.00000    6.958591  274.720829    3.625910
491.296292    86.231386    4713.729

 COMB DB-G3-3 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.310736 -471.405285   -7.960350
-279.060094   -28.358424    -1322.567
 0.25000   -5.310736 -443.127251   -7.960350
-279.060094   -25.488215    -1263.738
 0.50000   -5.310736 -415.554561   -7.960350
-279.060094   -23.043062    -1204.910
 0.75000   -5.310736 -389.177724   -7.960350
-279.060094   -21.068832    -1146.112
 1.00000   -5.310736 -364.524749   -7.960350
-279.060094   -19.601573    -1087.373

 COMB DB-G3-4 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    7.318292  145.247967    5.587607
410.562142    66.385733    3858.328
 0.25000    7.318292  164.739585    5.587607
410.562142    66.641412    4039.365
 0.50000    7.318292  185.937052    5.587607
410.562142    67.950401    4209.345
 0.75000    7.318292  208.414385    5.587607
410.562142    70.401152    4371.013
 1.00000    7.318292  231.774505    5.587607
410.562142    73.819903    4520.757
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1869

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.846215 -423.405927   -8.034422
-360.381803   -52.487050    -1410.123
 0.25000   -5.846215 -399.827849   -8.034422
-360.381803   -50.106616    -1352.455
 0.50000   -5.846215 -376.839501   -8.034422
-360.381803   -48.619132    -1294.787
 0.75000   -5.846215 -354.848111   -8.034422
-360.381803   -48.122808    -1237.144
 1.00000   -5.846215 -334.293772   -8.034422
-360.381803   -48.576210    -1179.585

 COMB DL-G1-1 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    4.404721    6.028548    6.076226
 1.080012   19.425839   870.410957
 0.25000    4.404721    6.034573    6.076226
 1.095231   16.982204   911.213719
 0.50000    4.404721    6.041186    6.076226
 1.112014   14.546545   952.116060
 0.75000    4.404721    6.048249    6.076226
 1.129965   12.125751   993.403592
 1.00000    4.404721    6.055616    6.076226
 1.148664    9.719572    1034.743

 COMB DL-G1-1 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -3.058091   -52.148515   -0.911158
-231.501188   -51.679065   -582.276596
 0.25000   -3.058091   -52.140326   -0.911158
-231.484316   -55.296630   -568.526851
 0.50000   -3.058091   -52.132309   -0.911158
-231.468165   -59.222445   -554.766538
 0.75000   -3.058091   -52.124696   -0.911158
-231.453180   -63.462121   -541.012630
 1.00000   -3.058091   -52.117622   -0.911158
-231.439757   -67.921414   -527.259893

 COMB DL-G1-2 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    7.707136   12.340254    8.694346
 9.080992   23.199500    1749.861
 0.25000    7.707136   12.346276    8.694346
 9.096173   20.203711    1832.905
 0.50000    7.707136   12.352884    8.694346
 9.112916   17.297585    1916.500
 0.75000    7.707136   12.359943    8.694346
 9.130824   14.477675    2001.753
 1.00000    7.707136   12.367304    8.694346
 9.149478   11.753474    2088.226

 COMB DL-G1-2 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.008388 -111.284713   -2.735987
-402.734566   -86.176067    -1084.021
 0.25000   -5.008388 -111.276428   -2.735987
-402.717745   -89.537567    -1054.100
 0.50000   -5.008388 -111.268615   -2.735987
-402.701642   -93.578257    -1024.167
 0.75000   -5.008388 -111.260806   -2.735987
-402.686702   -98.598831    -994.239024
 1.00000   -5.008388 -111.253736   -2.735987
-402.673322   -104.280342   -964.304921

 COMB DL-G1-3 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    9.770352   28.487272    7.984617
 79.697896    26.450238    2810.683
 0.25000    9.770352   28.660711    7.984617
 80.135302   23.695804    2893.519
 0.50000    9.770352   28.851050    7.984617
 80.617685   21.088984    3071.138
 0.75000    9.770352   29.054379    7.984617
 81.133648   18.652347    3208.594
 1.00000    9.770352   29.266407    7.984617
 81.671091   16.428879    3348.108
 Program   SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                 1870

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -5.458000 -192.082235   -3.210640
-495.146988   -81.531968    -1555.480
 0.25000   -5.458000 -191.843606   -3.210640
-494.662285   -83.736290    -1504.893
 0.50000   -5.458000 -191.612822   -3.210640
-494.198303   -86.649451    -1454.287
 0.75000   -5.458000 -191.393667   -3.210640
-493.767803   -90.482440    -1403.684
 1.00000   -5.458000 -191.190024   -3.210640
-493.382260   -95.130423    -1353.044

 COMB DL-G1-4 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   11.670939   77.165498    7.514030
203.031601    52.474498    3612.421
 0.25000   11.670939   85.884523    7.514030
222.386148    51.604496    3788.068
 0.50000   11.670939   95.440604    7.514030
243.859812    50.948513    3954.536
 0.75000   11.670939  105.644432    7.514030
266.852234    50.500929    4114.291
 1.00000   11.670939  116.258981    7.514030
290.705175    50.356067    4261.278

 COMB DL-G1-4 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -6.936072 -320.931303   -5.324342
-523.421041   -76.447333    -1764.611
 0.25000   -6.936072 -308.911290   -5.324342
-502.749671   -77.661686    -1700.524
 0.50000   -6.936072 -297.257976   -5.324342
-482.936087   -79.462360    -1636.371
 0.75000   -6.936072 -286.175387   -5.324342
-464.639202   -82.036986    -1572.277
 1.00000   -6.936072 -275.862505   -5.324342
-448.435226   -85.296664    -1508.132

 COMB DL-G2-1 ------------------ MAX

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000    3.584903    9.860327    2.146837
25.492177    4.130915    1125.909
 0.25000    3.584903    9.920543    2.146837
25.643991    3.603584    1178.965
 0.50000    3.584903    9.986626    2.146837
25.811418    3.202190    1233.231
 0.75000    3.584903   10.057218    2.146837
25.990500    2.880864    1288.672
 1.00000    3.584903   10.130837    2.146837
26.177036    2.631116    1346.334

 COMB DL-G2-1 ------------------ MIN

 REL DIST              P            V2           V3
      T              M2            M3
 0.00000   -1.871838   -78.697927   -2.006496
-183.903155   -31.189954   -601.091913
 0.25000   -1.871838   -78.615078   -2.006496
-183.734939   -30.127587   -579.776095
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 0.50000    -1.871838   -78.534952    -2.006496
-183.573914  -29.364895  -558.437097
 0.75000    -1.871838   -78.458863    -2.006496
-183.424510  -29.500256  -537.111663
 1.00000    -1.871838   -78.388159    -2.006496
-183.290712  -30.155940  -515.778417

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.899907    42.891089    2.263458
146.538689   19.078301    2568.832
 0.25000    6.899907    42.897114    2.263458
146.553902   19.018285    2670.467
 0.50000    6.899907    42.903726    2.263458
146.570678   19.121458    2783.678
 0.75000    6.899907    42.910789    2.263458
146.588622   19.400724    2912.496
 1.00000    6.899907    42.918154    2.263458
146.607313   19.888964    3048.877
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1871

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.193586  -194.583900    -3.112801
-310.720440  -32.499986   -1228.552
 0.25000   -3.193586  -194.575612    -3.112801
-310.703577  -32.514575   -1180.168
 0.50000   -3.193586  -194.567595    -3.112801
-310.687435  -29.434916   -1131.799
 0.75000   -3.193586  -194.559983    -3.112801
-310.672456  -28.769925   -1083.469
 1.00000   -3.193586  -194.552910    -3.112801
-310.659041  -28.736694   -1035.056

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    9.687516    43.465552    6.143147
132.462661   27.495600    3048.575
 0.25000    9.687516    43.470974    6.143147
132.476352   26.032118    3175.445
 0.50000    9.687516    43.476925    6.143147
132.491451   24.750960    3312.900
 0.75000    9.687516    43.483281    6.143147
132.507601   23.630232    3464.726
 1.00000    9.687516    43.489910    6.143147
132.524423   22.705774    3623.551

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.197913  -220.548204    -3.866254
-461.661129  -69.272726   -1630.306
 0.25000   -5.197913  -220.540744    -3.866254
-461.645951  -69.793597   -1573.873
 0.50000   -5.197913  -220.533529    -3.866254
-461.631423  -70.892359   -1517.453
 0.75000   -5.197913  -220.526678    -3.866254
-461.617943  -72.663876   -1461.077
 1.00000   -5.197913  -220.520312    -3.866254
-461.605869  -75.637457   -1404.630

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    12.330761   100.817224    6.153579
269.648616   61.849341    3962.435
 0.25000    12.330761   113.895120    6.153579
274.868542   62.573592    4164.195
 0.50000    12.330761   128.218941    6.153579
300.224874   63.681823    4347.210
 0.75000    12.330761   143.468246    6.153579
327.801773   65.114267    4512.948
 1.00000    12.330761   159.287662    6.153579
355.356593   66.892778    4656.739

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.474426  -382.564826    -6.903291
-443.083592  -68.403597   -1848.451
 0.25000   -7.474426  -364.482882    -6.903291
-420.746218  -67.903287   -1777.872
 0.50000   -7.474426  -346.882549    -6.903291
-399.226783  -67.893666   -1707.312
 0.75000   -7.474426  -330.104174    -6.903291
-384.814562  -68.605313   -1636.794
 1.00000   -7.474426  -314.464310    -6.903291
-384.799938  -69.981807   -1566.225

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    7.149644   102.758828    1.807010
389.340209   66.655107    2260.815
 0.25000    7.149644   119.082615    1.807010
385.001980   69.788333    2394.927
 0.50000    7.149644   136.908439    1.807010
380.663720   73.475927    2496.304
 0.75000    7.149644   155.812855    1.807010
376.325328   77.792997    2563.676
 1.00000    7.149644   175.295628    1.807010
371.986665   82.646909    2597.767
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1872

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.356270   -292.972164    -6.545449
-56.172395  -19.033571   -757.042479
 0.25000   -5.356270   -270.268351    -6.545449
-56.172395  -17.285240   -719.826159
 0.50000   -5.356270   -248.004028    -6.545449
-56.172395  -15.547382   -683.217716
 0.75000   -5.356270   -226.675788    -6.545449
-56.172395  -13.811322   -646.614499
 1.00000   -5.356270   -206.726884    -6.545449
-56.172395  -12.084155   -610.041560

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    10.721005   147.941342    2.606609
511.642229   92.388897    3641.588
 0.25000    10.721005   166.886456    2.606609
511.162267   96.590966    3823.664
 0.50000    10.721005   187.590588    2.606609
510.682380  101.414989    3978.880
 0.75000    10.721005   209.563372    2.606609
510.202343  106.929915    4112.061
 1.00000    10.721005   232.244965    2.606609
509.722381  112.980331    4212.925

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.373364   -426.823079    -8.587078
-140.400960  -27.033025   -1330.519
 0.25000   -7.373364   -400.508315    -8.587078
-140.400960  -24.804358   -1268.093
 0.50000   -7.373364   -374.766364    -8.587078
-140.400960  -22.596970   -1205.727
 0.75000   -7.373364   -350.120003    -8.587078
-140.400960  -20.408086   -1143.423
 1.00000   -7.373364   -327.075773    -8.587078
-140.400960  -18.232490   -1081.102

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    12.366563   142.394617    3.059104
491.265995   83.345141    4336.185
 0.25000    12.366563   159.766567    3.059104
491.349563   86.687882    4552.783
 0.50000    12.366563   178.752527    3.059104
491.433200   90.607611    4744.724
 0.75000    12.366563   198.905098    3.059104
491.516700   95.157990    4915.063
 1.00000    12.366563   219.709464    3.059104
491.600269  100.312002    5057.120

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -7.650049   -459.649386    -8.728209
-266.995494  -37.576803   -1720.236
 0.25000   -7.650049   -435.525253    -8.728209
-266.995494  -34.468072   -1644.370
 0.50000   -7.650049   -411.930906    -8.728209
-266.995494  -31.526156   -1568.583
 0.75000   -7.650049   -389.344234    -8.728209
-266.995494  -29.014280   -1492.848
 1.00000   -7.650049   -368.227040    -8.728209
-266.995494  -26.920390   -1417.052

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.166059   122.801415    5.402815
410.411658   74.941459    4278.232
 0.25000    13.166059   137.283277    5.402815
410.498731   76.885917    4490.950
 0.50000    13.166059   153.111041    5.402815
410.585862   79.383046    4683.523
 0.75000    13.166059   169.911443    5.402815
410.672878   82.455918    4858.467
 1.00000    13.166059   187.255355    5.402815
410.759952   86.081031    5010.082
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1873

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.195895  -425.608856    -8.546773
-371.961362  -63.818306   -1882.855
 0.25000   -8.195895  -405.497830    -8.546773
-371.961362  -61.939906   -1807.097
 0.50000   -8.195895  -385.828615    -8.546773
-371.961362  -60.511114   -1731.397
 0.75000   -8.195895  -366.999554    -8.546773
-371.961362  -59.774644   -1647.961
 1.00000   -8.195895  -349.395543    -8.546773
-371.961362  -59.672134   -1568.272

 COMB     DB -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    7.318292    181.437944    7.349610
498.232277   82.164913    4061.854
 0.25000    7.318292    206.918508    7.349610
498.232277   83.640043    4244.717
 0.50000    7.318292    234.637675    7.349610
498.232277   86.475648    4413.580
 0.75000    7.318292    264.034261    7.349610
498.232277   90.779078    4571.385
 1.00000    7.318292    294.530496    7.349610
498.232277   96.403687    4713.729

 COMB     DB -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -5.846215   -471.405285    -8.034422
-500.925998  -77.747531   -1410.123
 0.25000   -5.846215   -443.127251    -8.034422
-469.605412  -78.779930   -1352.455
 0.50000   -5.846215   -415.554561    -8.034422
-446.736702  -81.253602   -1294.787
 0.75000   -5.846215   -389.177724    -8.034422
-441.979699  -85.168890   -1237.144
 1.00000   -5.846215   -364.524749    -8.034422
-441.955072  -90.258307   -1179.585

 COMB     DL -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.166059   147.941342    8.694346
511.642229   92.388897    4336.185
 0.25000    13.166059   166.886456    8.694346
511.162267   96.590966    4552.783
 0.50000    13.166059   187.590588    8.694346
510.682380  101.414989    4744.724
 0.75000    13.166059   209.563372    8.694346
510.202343  106.929915    4915.063
 1.00000    13.166059   232.244965    8.694346
509.722381  112.980331    5057.120

 COMB     DL -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.195895   -459.649386    -8.728209
-523.421041  -86.176067   -1882.855
 0.25000   -8.195895   -435.525253    -8.728209
-502.749671  -89.537567   -1807.097
 0.50000   -8.195895   -411.930906    -8.728209
-494.198303  -93.578257   -1731.397
 0.75000   -8.195895   -389.344234    -8.728209
-493.767803  -98.598831   -1647.961
 1.00000   -8.195895   -368.227040    -8.728209
-493.382260  -104.280342   -1568.272

 COMB     CAR -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.166059   181.437944    8.694346
511.642229   92.388897    4336.185
 0.25000    13.166059   206.918508    8.694346
511.162267   96.590966    4552.783
 0.50000    13.166059   234.637675    8.694346
510.682380  101.414989    4744.724
 0.75000    13.166059   264.034261    8.694346
510.202343  106.929915    4915.063
 1.00000    13.166059   294.530496    8.694346
509.722381  112.980331    5057.120
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1874

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.195895   -471.405285    -8.728209
-523.421041  -86.176067   -1882.855
 0.25000   -8.195895   -443.127251    -8.728209
-502.749671  -89.537567   -1807.097
 0.50000   -8.195895   -415.554561    -8.728209
-494.198303  -93.578257   -1731.397
 0.75000   -8.195895   -389.344234    -8.728209
-493.767803  -98.598831   -1647.961
 1.00000   -8.195895   -368.227040    -8.728209
-493.382260  -104.280342   -1568.272

 COMB  DESIGN -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    13.166059   181.437944    8.694346
511.642229   92.388897    4336.185
 0.25000    13.166059   206.918508    8.694346
511.162267   96.590966    4552.783
 0.50000    13.166059   234.637675    8.694346
510.682380  101.414989    4744.724
 0.75000    13.166059   264.034261    8.694346
510.202343  106.929915    4915.063
 1.00000    13.166059   294.530496    8.694346
509.722381  112.980331    5057.120

 COMB  DESIGN -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -8.195895   -471.405285    -8.728209
-523.421041  -86.176067   -1882.855
 0.25000   -8.195895   -443.127251    -8.728209
-502.749671  -89.537567   -1807.097
 0.50000   -8.195895   -415.554561    -8.728209
-494.198303  -93.578257   -1731.397
 0.75000   -8.195895   -389.344234    -8.728209
-493.767803  -98.598831   -1647.961
 1.00000   -8.195895   -368.227040    -8.728209
-493.382260  -104.280342   -1568.272

 ELEM     160 ================== LENGTH
=    4.928666

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    2.334014     4.817333    3.356138
20.981768    7.660630    750.699245
 0.25000    2.334014     4.829209    3.356138
21.011319    6.369560    765.494245
 0.50000    2.334014     4.842052    3.356138
21.043214    5.087376    780.627957
 0.75000    2.334014     4.855556    3.356138
21.076877    3.812750    796.353411
 1.00000    2.334014     4.870857    3.356138
21.116344    2.546511    812.371480

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -2.007584   -18.917910    -2.479167
-94.910071   -57.626394   -397.732812
 0.25000   -2.007584   -18.902526    -2.479167
-94.870662   -57.513442   -382.695805
 0.50000   -2.007584   -18.888826    -2.479167
-94.837430   -58.089398   -367.658798
 0.75000   -2.007584   -18.875666    -2.479167
-94.806605   -59.324492   -352.621792
 1.00000   -2.007584   -18.863249    -2.479167
-94.777935   -61.171977   -337.584785

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.347854    15.403044    5.850994
70.493297    9.468828    1566.356
 0.25000    4.347854    15.415014    5.850994
70.522791    7.649049    1594.590
 0.50000    4.347854    15.427552    5.850994
70.554630    6.186863    1625.915
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1875

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.75000    4.347854    15.441350    5.850994
70.588236    4.740519    1659.720
 1.00000    4.347854    15.456640    5.850994
70.627631    3.346316    1695.502

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.282266   -48.184642    -4.699119
-195.573239   -89.745834   -731.732915
 0.25000   -3.282266   -48.169268    -4.699119
-195.533903   -88.755577   -702.659444
 0.50000   -3.282266   -48.155574    -4.699119
-195.500765   -89.138919   -673.585974
 0.75000   -3.282266   -48.142420    -4.699119
-195.469993   -90.979489   -644.512503
 1.00000   -3.282266   -48.130009    -4.699119
-195.441377   -94.096802   -615.439032

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.028279    42.786598    5.592744
168.120317   12.809535    2618.404
 0.25000    6.028279    42.797372    5.592744
168.146871   10.759622    2652.109
 0.50000    6.028279    42.808927    5.592744
168.175537    8.998287    2698.885
 0.75000    6.028279    42.821077    5.592744
168.205792    7.324860    2758.413
 1.00000    6.028279    42.834839    5.592744
168.241261    5.738708    2828.661

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.398140   -99.806628    -4.931968
-301.846934   -91.317684   -1017.796
 0.25000   -3.398140   -99.792790    -4.931968
-301.811518   -78.651735   -974.918798
 0.50000   -3.398140   -99.780464    -4.931968
-301.781677   -78.449627   -932.041170
 0.75000   -3.398140   -99.768624    -4.931968
-301.753973   -79.813783   -889.163542
 1.00000   -3.398140   -99.757453    -4.931968
-301.728209   -82.640126   -846.285914

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.874254    114.840682    6.008398
233.177902   42.066756    3658.413
 0.25000    6.874254    126.022451    6.008398
255.511877   40.459702    3723.761
 0.50000    6.874254    138.047850    6.008398
279.563718   39.489057    3787.508
 0.75000    6.874254    150.711842    6.008398
307.769743   39.077163    3854.738
 1.00000    6.874254    164.769059    6.008398
340.346081   39.048780    3920.361

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -4.332858   -242.690241    -6.265645
-415.001924   -71.242460   -1150.366
 0.25000   -4.332858   -228.548618    -6.265645
-384.021488   -69.574551   -1099.557
 0.50000   -4.332858   -215.689286    -6.265645
-356.936585   -69.129420   -1048.748
 0.75000   -4.332858   -203.349720    -6.265645
-332.625350   -69.980869   -997.939634
 1.00000   -4.332858   -191.733669    -6.265645
-315.474325   -72.054652   -947.130941

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    2.392157    19.382503    2.320513
79.416786    2.357338    1095.653
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1876

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P           V2          V3
        T          M2          M3
 0.25000    2.392157    19.514214    2.320513
79.741593    1.413908    1110.471
 0.50000    2.392157    19.655465    2.320513
80.092197    1.191606    1131.583
 0.75000    2.392157    19.803983    2.320513
80.462231    1.033278    1156.870
 1.00000    2.392157    19.972241    2.320513
80.896058    0.885634    1185.383

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -1.198476   -44.983281    -2.258957
-131.017299  -26.543167   -398.049745
 0.25000   -1.198476   -44.814098    -2.258957
-130.584118  -25.404180   -380.649558
 0.50000   -1.198476   -44.663429    -2.258957
-130.218978  -24.967186   -363.249371
 0.75000   -1.198476   -44.518288    -2.258957
-129.880133  -25.379230   -345.849184
 1.00000   -1.198476   -44.382128    -2.258957
-129.565007  -26.407272   -328.448997

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    4.742166    69.388350    2.606611
223.435797   16.315522    2608.569
 0.25000    4.742166    69.400323    2.606611
223.465314   15.499468    2619.200
 0.50000    4.742166    69.414163    2.606611
223.497176   15.118661    2653.988
 0.75000    4.742166    69.426663    2.606611
223.530804   14.949443    2719.698
 1.00000    4.742166    69.441957    2.606611
223.570228   14.940497    2807.109

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -1.926674   -127.625879    -3.159212
-276.325846  -23.661632   -790.599697
 0.25000   -1.926674   -127.610501    -3.159212
-276.286480  -21.325215   -754.403049
 0.50000   -1.926674   -127.596805    -3.159212
-276.253304  -21.019786   -718.206401
 0.75000   -1.926674   -127.583647    -3.159212
-276.222511  -21.013651   -682.009753
 1.00000   -1.926674   -127.571234    -3.159212
-276.193874  -21.869630   -645.813105

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    6.171933    66.556643    5.018217
222.206618   18.420394    2991.222
 0.25000    6.171933    66.567419    5.018217
222.782183   17.059782    3013.116
 0.50000    6.171933    66.578974    5.018217
222.810858   16.053925    3057.610
 0.75000    6.171933    66.591125    5.018217
222.841124   15.239200    3130.514
 1.00000    6.171933    66.604890    5.018217
222.876605   14.622801    3223.312

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.264049   -132.084855    -4.909923
-328.174808  -63.807539   -1032.810
 0.25000   -3.264049   -132.071014    -4.909923
-328.139379  -62.003401   -987.744378
 0.50000   -3.264049   -132.058688    -4.909923
-328.109521  -61.480100   -942.679055
 0.75000   -3.264049   -132.046846    -4.909923
-328.081807  -62.363429   -897.613731
 1.00000   -3.264049   -132.035674    -4.909923
-328.056034  -64.557597   -852.548408
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              1877

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    7.009149    151.156829    6.017887
280.513387   57.280538    4111.828
 0.25000    7.009149    168.278960    6.017887
281.147385   56.071855    4198.970
 0.50000    7.009149    186.763947    6.017887
306.725806   55.700659    4273.633
 0.75000    7.009149    206.272180    6.017887
330.215837   56.282422    4339.435
 1.00000    7.009149    227.319933    6.017887
351.126172   57.480082    4393.293

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -4.632917   -314.604790    -6.960301
-380.856873   -57.677551   -1165.349
 0.25000   -4.632917   -293.415383    -6.960301
-359.244029   -55.761926   -1113.329
 0.50000   -4.632917   -273.581317    -6.960301
-335.056322   -54.908268   -1060.309
 0.75000   -4.632917   -254.577904    -6.960301
-313.806080   -55.235691   -1007.288
 1.00000   -4.632917   -236.743159    -6.960301
-313.806080   -56.666175   -954.267586

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    3.112047    150.941434    3.258265
266.446242   72.910419    2566.082
 0.25000    3.112047    172.723511    3.258265
266.446242   72.650154    2653.272
 0.50000    3.112047    196.433475    3.258265
266.446242   73.478205    2705.026
 0.75000    3.112047    221.559148    3.258265
266.446242   75.439422    2730.986
 1.00000    3.112047    247.140468    3.258265
266.446242   78.462467    2704.595

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000   -3.288446   -298.122751    -4.985912
-157.799113   -7.733086   -468.490674
 0.25000   -3.288446   -272.329706    -4.985912
-157.799113   -6.991511   -444.659323
 0.50000   -3.288446   -246.721150    -4.985912
-157.799113   -6.262241   -420.827973
 0.75000   -3.288446   -222.256232    -4.985912
-157.799113   -5.552650   -396.996623
 1.00000   -3.288446   -199.445850    -4.985912
-157.799113   -4.875253   -373.165272

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P           V2          V3
        T          M2          M3
 0.00000    5.155183    216.136955    4.288004
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384.551861    96.865763    4087.295
 0.25000      5.155183   242.208612     4.288004
384.551861    96.824043    4182.993
 0.50000      5.155183   270.507071     4.288004
384.551861    98.132615    4251.027
 0.75000      5.155183   300.461262     4.288004
384.551861   100.914407    4300.407
 1.00000      5.155183   331.483210     4.288004
384.551861   105.015916    4325.640

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -4.580329  -414.665268    -6.629707
-261.562754  -12.319468  -822.132644
 0.25000    -4.580329  -383.400964    -6.629707
-261.562754  -11.330599  -781.043295
 0.50000    -4.580329  -352.893262    -6.629707
-261.562754  -10.366123  -739.953946
 0.75000    -4.580329  -323.725173    -6.629707
-261.562754   -9.435775  -698.864596
 1.00000    -4.580329  -296.466172    -6.629707
-261.562754   -8.549197  -657.775247
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1878

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.688552   214.034673     4.781474
423.106271   86.998226    4713.202
 0.25000    6.688552   237.952971     4.781474
423.106271   86.208384    4813.875
 0.50000    6.688552   263.906706     4.781474
423.106271   86.695621    4895.156
 0.75000    6.688552   291.375845     4.781474
423.106271   88.569319    4962.868
 1.00000    6.688552   319.872715     4.781474
423.106271   91.666985    5012.521

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    -4.622241  -418.760196    -7.116914
-348.447206  -18.713573   -1087.518
 0.25000    -4.622241  -390.042007    -7.116914
-348.447206  -16.754558   -1034.911
 0.50000    -4.622241  -362.067330    -7.116914
-348.447206  -15.284400   -982.303573
 0.75000    -4.622241  -335.318926    -7.116914
-348.447206  -14.377714   -929.696348
 1.00000    -4.622241  -310.315359    -7.116914
-348.447206  -14.003892   -877.089123

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.209675   183.613768     6.198162
379.290586   74.370063    4520.642
 0.25000    7.209675   203.555655     6.198162
379.290586   73.275037    4615.991
 0.50000    7.209675   225.194342     6.198162
379.290586   73.379642    4696.066
 0.75000    7.209675   248.096377     6.198162
379.290586   74.659521    4764.921
 1.00000    7.209675   271.856885     6.198162
379.290586   76.928767    4819.290

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.045866  -366.959635    -7.749999
-363.999147  -47.637802   -1179.642
 0.25000   -5.045866  -343.014637    -7.749999
-363.999147  -45.512224   -1124.795
 0.50000   -5.045866  -319.691184    -7.749999
-363.999147  -44.329459   -1069.948
 0.75000   -5.045866  -297.390047    -7.749999
-363.999147  -44.217681   -1015.100
 1.00000   -5.045866  -276.543449    -7.749999
-363.999147  -45.105367   -960.252977

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.268135    7.950127     3.950646
 8.710281    9.269665   1035.320
 0.25000    4.268135    7.956432     3.950646
 18.724850   7.666105   1046.437
 0.50000    4.268135    7.963323     3.950646
 18.740955   6.103590   1057.746
 0.75000    4.268135    7.970659     3.950646
 18.758216   4.588722   1069.072
 1.00000    4.268135    7.978299     3.950646
 18.776212   3.114395   1080.411

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.592302  -32.231383     -2.172196
-117.726799  -67.165976  -527.107444
 0.25000   -2.592302  -32.223274     -2.172196
-117.709456  -67.715823  -506.943432
 0.50000   -2.592302  -32.215437     -2.172196
-117.692854  -68.591677  -486.734470
 0.75000   -2.592302  -32.208020     -2.172196
-117.677416  -69.836999  -466.543028
 1.00000   -2.592302  -32.201147     -2.172196
-117.663528  -71.386510  -446.355087
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1879

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.572059   20,427869     6.427276
59.732919   11.665348    2089.188
 0.25000    7.572059   20,434170     6.427276
59.747449   9.275630    2113.757
 0.50000    7.572059   20,441058     6.427276
59.763512   7.429978    2138.700
 0.75000    7.572059   20,448389     6.427276
59.780729   5.698852    2164.033
 1.00000    7.572059   20,456024     6.427276
59.798679   4.074612    2189.593

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.264762  -71.551147     -4.428956
-222.815567  -103.428168  -964.056947
 0.25000   -4.264762  -71.543044     -4.428956
-222.798274  -103.207365  -925.426698
 0.50000   -4.264762  -71.535211     -4.428956
-222.781724  -103.803736  -886.763875
 0.75000   -4.264762  -71.527798     -4.428956
-222.766323  -105.407493  -848.099249
 1.00000   -4.264762  -71.520928     -4.428956
-222.752476  -107.705530  -809.419166

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.792039   48.804067     6.069533
148.503912   16.787400    3349.139
 0.25000    9.792039   48.985558     6.069533
148.922559   14.350731    3387.277
 0.50000    9.792039   49.183939     6.069533
149.385381   12.408130    3429.320
 0.75000    9.792039   49.395108     6.069533
149.881444   10.735701    3475.478
 1.00000    9.792039   49.615013     6.069533
150.398605    9.287856    3524.678

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.724747  -132.736780    -4.652884
-316.991916  -94.275944   -1352.827
 0.25000   -4.724747  -132.503378    -4.652884
-316.493616  -93.329495   -1295.440
 0.50000   -4.724747  -132.277757    -4.652884
-316.016760  -93.277767   -1238.043
 0.75000   -4.724747  -132.064245    -4.652884
-315.573008  -94.275750   -1180.711
 1.00000   -4.724747  -131.866394    -4.652884
-315.174032  -96.142599   -1123.273

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    11.623513   105.274902     6.270043
225.777970   50.534637    4261.923
 0.25000    11.623513   114.417471     6.270043
244.037589   49.200981    4332.682
 0.50000    11.623513   124.402139     6.270043
264.369907   48.370483    4393.266
 0.75000    11.623513   135.015063     6.270043
286.191534   47.850744    4445.611
 1.00000    11.623513   146.048437     6.270043
308.876034   47.644760    4486.606

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.073738  -251.025396    -6.008058
-399.904073  -84.078240   -1508.054
 0.25000   -6.073738  -239.276723    -6.008058
-378.379039  -82.997364   -1441.323
 0.50000   -6.073738  -227.901541    -6.008058
-357.724718  -82.668517   -1374.541
 0.75000   -6.073738  -217.109333    -6.008058
-338.582023  -83.232418   -1307.799
 1.00000   -6.073738  -207.100991    -6.008058
-321.507091  -84.538512   -1241.046
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1880

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.643783   19.978891     2.280058
65.384582    3.184428    1346.700
 0.25000    3.643783   20.041903     2.280058
65.529881    2.182410    1364.565
 0.50000    3.643783   20.110779     2.280058
65.690513    1.657538    1382.531
 0.75000    3.643783   20.184093     2.280058
65.862684    1.372684    1401.298
 1.00000    3.643783   20.260441     2.280058
66.042176    1.297849    1420.250

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.626065  -54.689787     -2.330191
-126.432720  -30.142314  -515.696701
 0.25000   -1.626065  -54.608753     -2.330191
-126.259780  -28.789912  -493.059431
 0.50000   -1.626065  -54.530420     -2.330191
-126.094282  -27.887275  -470.402923
 0.75000   -1.626065  -54.456290     -2.330191
-125.940274  -27.989590  -447.764390
 1.00000   -1.626065  -54.387598     -2.330191
-125.801809  -28.644637  -425.121741

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.078271   68.105426     2.528163
198.851141   20.814657    3049.294
 0.25000    7.078271   68.111730     2.528163
198.865703   20.020857    3074.395
 0.50000    7.078271   68.118621     2.528163
198.881801   19.684950    3110.182
 0.75000    7.078271   68.125957     2.528163
198.899055   19.625545    3160.336
 1.00000    7.078271   68.133596     2.528163
198.917043   19.813369    3219.972

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.859746  -144.719917     -3.174050
-256.718655  -28.532978   -1035.030
 0.25000   -2.859746  -144.711810     -3.174050
-256.701320  -29.961566  -981572644
 0.50000   -2.859746  -144.703973     -3.174050
-256.684726  -25.561660  -940.104981
 0.75000   -2.859746  -144.696556     -3.174050
-256.669295  -25.165513  -892.733727
 1.00000   -2.859746  -144.689684     -3.174050
-256.655414  -25.417190  -845.259812

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    9.768432   68.316833     5.219364
197.872834   23.263092    3614.371
 0.25000    9.768432   68.322507     5.219364
197.885940   21.724444    3657.140
 0.50000    9.768432   68.328709     5.219364
197.900428   20.615398    3699.756
 0.75000    9.768432   68.335311     5.219364
197.915957   19.801954    3755.310
 1.00000    9.768432   68.342166     5.219364
197.932146   19.271439    3819.458

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.545233  -158.390685     -4.759920
-326.060820  -74.910303   -1404.473
 0.25000   -4.545233  -158.383588     -4.759920
-326.045219  -73.553322   -1313.645
 0.50000   -4.545233  -158.376535     -4.759920
-326.030284  -73.001577   -1253.812
 0.75000   -4.545233  -158.369860     -4.759920
-326.016396  -73.480686   -1177.572
 1.00000   -4.545233  -158.363675     -4.759920
-326.003903  -74.818502   -1118.215
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1881

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.175517   133.011892     5.928866
258.809466   67.025902    4657.037
 0.25000    12.175517   146.781226     5.928866
264.218829   66.559889    4748.661
 0.50000    12.175517   161.784437     5.928866
287.843243   66.675052    4820.526
 0.75000    12.175517   177.700856     5.928866
313.302303   67.225784    4873.597
 1.00000    12.175517   194.194008     5.928866
339.576748   68.171782    4905.437

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.571780  -308.639230    -6.828070
-370.858033  -68.637753   -1566.214
 0.25000   -6.571780  -290.987149    -6.828070
-346.812553  -67.065589   -1470.649
 0.50000   -6.571780  -273.835575    -6.828070
-323.615457  -66.167090   -1400.818
 0.75000   -6.571780  -257.519721    -6.828070
-302.275815  -66.121684   -1317.423
 1.00000   -6.571780  -242.362765    -6.828070
-300.880599  -66.785642   -1248.052

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    6.652662   120.786104     2.789807
272.478392   91.973051    2597.043
 0.25000    6.652662   138.072015     2.789807
270.131631   83.014716    2681.797
 0.50000    6.652662   156.868080     2.789807
266.552705   84.599753    2733.034
 0.75000    6.652662   176.720327     2.789807
262.218612   86.829651    2749.696
 1.00000    6.652662   197.159851     2.789807
257.879807   89.593624    2732.431

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -4.729288  -258.462866    -5.025832
-137.130892  -10.791059  -610.223520
 0.25000   -4.729288  -236.350993    -5.025832
-139.122936   -9.941710  -579.325103
 0.50000   -4.729288  -214.712654    -5.025832
-139.882814   -9.094107  -548.488870
 0.75000   -4.729288  -194.043882    -5.025832
-139.887621   -8.257735  -517.772242
 1.00000   -4.729288  -174.774461    -5.025832
-139.887621   -7.437551  -486.995660

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   10.218688   179.437394     3.788077
388.021274   112.399929    4212.076
 0.25000   10.218688   199.476137     3.788077
387.894568   114.028343    4309.026
 0.50000   10.218688   221.268851     3.788077
387.414553   116.269994    4377.401
 0.75000   10.218688   244.107092     3.788077
386.934538   119.238235    4421.719
 1.00000   10.218688   268.069011     3.788077
386.454522   122.770672    4436.314

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.568707  -368.759183    -6.721123
-237.211202  -16.582566   -1081.370
 0.25000   -6.568707  -343.120772    -6.721123
-237.564514  -15.500662   -1027.623
 0.50000   -6.568707  -318.071133    -6.721123
-237.564514  -14.441411   -973.724436
 0.75000   -6.568707  -294.172052    -6.721123
-237.564514  -13.423794   -912.881073
 1.00000   -6.568707  -271.900369    -6.721123
-237.564514  -12.456610   -859.551463
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1882

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.027324   181.507968     4.317548
411.422677   100.315434    5056.625
 0.25000    12.027324   199.879580     4.317548
411.441440   101.022918    5162.753
 0.50000    12.027324   219.859624     4.317548
411.525018   102.408250    5243.356
 0.75000    12.027324   240.987109     4.317548
411.660996   104.182182    5300.593
 1.00000    12.027324   262.776795     4.317548
411.692174   107.453539    5330.456

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -6.805652  -385.870498    -7.185619
-317.478263  -25.424249   -1417.248
 0.25000   -6.805652  -362.364673    -7.185619
-317.413448  -23.239390   -1348.867
 0.50000   -6.805652  -339.403193    -7.185619
-317.413448  -21.375837   -1280.359
 0.75000   -6.805652  -317.499475    -7.185619
-317.413448  -20.120094   -1212.188
 1.00000   -6.805652  -297.088492    -7.185619
-317.413448  -19.372860   -1143.854

 COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.848095   158.559354     5.922777
365.291104   86.144592    5010.025
 0.25000    12.848095   173.874839     5.922777
365.310521   86.080500    5108.431
 0.50000    12.848095   190.531206     5.922777
365.397604   86.802083    5185.575
 0.75000    12.848095   208.144228     5.922777
365.484687   88.239572    5243.216
 1.00000    12.848095   226.309434     5.922777
365.571770   90.306195    5278.151

 COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.222100  -348.566920    -7.788488
-347.334386  -58.172879   -1568.333
 0.25000   -7.222100  -328.971282    -7.788488
-347.266717  -54.729381   -1423.822
 0.50000   -7.222100  -309.829599    -7.788488
-347.266717  -54.729386   -1423.237
 0.75000   -7.222100  -291.569811    -7.788488
-347.266717  -54.160598   -1350.897
 1.00000   -7.222100  -274.554464    -7.788488
-347.266717  -54.287051   -1278.427

 COMB      DB ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    7.209675   216.136955     6.198162
423.106271   96.865763    4713.202
 0.25000    7.209675   242.208612     6.198162
423.106271   96.824043    4813.875
 0.50000    7.209675   270.507071     6.198162
423.106271   98.132615    4895.156
 0.75000    7.209675   300.461262     6.198162
423.106271   100.914407   4962.868
 1.00000    7.209675   331.483210     6.198162
423.106271   105.015916   5012.521

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -5.045866  -418.760196    -7.749999
-415.001924  -89.745834   -1179.642
 0.25000   -5.045866  -390.042007    -7.749999
-384.021488  -88.755577   -1124.795
 0.50000   -5.045866  -362.067330    -7.749999
-363.999147  -89.138919   -1069.948
 0.75000   -5.045866  -335.318926    -7.749999
-363.999147  -90.979489   -1015.100
 1.00000   -5.045866  -310.315359    -7.749999
-363.999147  -94.096802   -960.252977
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1883

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.848095   181.507968     6.427276
411.422677   112.399929    5056.625
 0.25000    12.848095   199.879580     6.427276
411.441440   114.028343    5162.753
 0.50000    12.848095   221.268851     6.427276
411.525018   116.269994    5243.356
 0.75000    12.848095   244.310099     6.427276
411.608596   119.238235    5300.593
 1.00000    12.848095   268.069011     6.427276
411.692174   122.770672    5330.456

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.222100  -385.870498    -7.788488
-399.904073  -103.428168   -1568.333
 0.25000   -7.222100  -362.364673    -7.788488
-378.379039  -103.207365   -1495.822
 0.50000   -7.222100  -339.403193    -7.788488
-357.724718  -103.803736   -1423.237
 0.75000   -7.222100  -317.499475    -7.788488
-347.266717  -105.407493   -1350.897
 1.00000   -7.222100  -297.088492    -7.788488
-347.266717  -107.705530   -1278.427

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.848095   216.136955     6.427276
423.106271   112.399929    5056.625
 0.25000    12.848095   242.208612     6.427276
423.106271   114.028343    5162.753
 0.50000    12.848095   270.507071     6.427276
423.106271   116.269994    5243.356
 0.75000    12.848095   300.461262     6.427276
423.106271   119.238235    5300.593
 1.00000    12.848095   331.483210     6.427276
423.106271   122.770672    5330.456

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.222100  -418.760196    -7.788488
-415.001924  -103.428168   -1568.333
 0.25000   -7.222100  -390.042007    -7.788488
-384.021488  -103.207365   -1495.822
 0.50000   -7.222100  -362.067330    -7.788488
-363.999147  -103.803736   -1423.237
 0.75000   -7.222100  -335.318926    -7.788488
-363.999147  -105.407493   -1350.897
 1.00000   -7.222100  -310.315359    -7.788488
-363.999147  -107.705530   -1278.427

 COMB      DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    12.848095   216.136955     6.427276
423.106271   112.399929    5056.625
 0.25000    12.848095   242.208612     6.427276
423.106271   114.028343    5162.753
 0.50000    12.848095   270.507071     6.427276
423.106271   116.269994    5243.356
 0.75000    12.848095   300.461262     6.427276
423.106271   119.238235    5300.593
 1.00000    12.848095   331.483210     6.427276
423.106271   122.770672    5330.456

 COMB      DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -7.222100  -418.760196    -7.788488
-415.001924  -103.428168   -1568.333
 0.25000   -7.222100  -390.042007    -7.788488
-384.021488  -103.207365   -1495.822
 0.50000   -7.222100  -362.067330    -7.788488
-363.999147  -103.803736   -1423.237
 0.75000   -7.222100  -335.318926    -7.788488
-363.999147  -105.407493   -1350.897
 1.00000   -7.222100  -310.315359    -7.788488
-363.999147  -107.705530   -1278.427
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    1884

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      161 ================== LENGTH
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 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.289353   16.551169     1.412858
99.109009    2.492035   812.364281
 0.25000    2.289353   16.563343     1.412858
99.137607    1.815547   800.427878
 0.50000    2.289353   16.576380     1.412858
99.168320    1.156343   788.641799
 0.75000    2.289353   16.590078     1.412858
99.201312    1.616093   777.278633
 1.00000    2.289353   16.605570     1.412858
99.240538    2.076202   766.177888

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.645750  -14.851582     -3.978583
-42.189765  -61.290088   -337.405254
 0.25000   -1.645750  -14.835997     -3.978583
-42.150550  -58.912790   -319.417500
 0.50000   -1.645750  -14.822086     -3.978583
-42.117163  -57.064580   -301.545746
 0.75000   -1.645750  -14.808700     -3.978583
-42.085575  -55.848584   -283.615992
 1.00000   -1.645750  -14.796042     -3.978583
-42.056383  -55.205508   -265.686238

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.286962   39.898895     4.123071
198.988727   3.511353    1695.486
 0.25000    4.286962   39.911563     4.123071
199.013271   2.678670    1672.528
 0.50000    4.286962   39.924095     4.123071
199.043930   1.957962    1651.567
 0.75000    4.286962   39.937787     4.123071
199.076830   1.938860    1632.670
 1.00000    4.286962   39.953268     4.123071
199.115984   2.715170    1615.899

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.691364  -29.731591     -6.369104
-87.840182  -94.264124  -615.175772
 0.25000   -2.691364  -29.716016     -6.369104
-87.801040  -91.043305  -582.161004
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 0.50000    -2.691364   -29.702110    -6.369104
-87.767709  -89.078848  -549.146236
 0.75000    -2.691364   -29.688730    -6.369104
-87.736177  -88.607732  -516.131469
 1.00000    -2.691364   -29.676078    -6.369104
-87.707042  -89.569309  -483.116701

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.945120   79.322910    4.284338
296.210047   5.960568   2828.646
 0.25000    5.945120   79.333862    4.284338
296.235747   5.044636   2786.454
 0.50000    5.945120   79.345592    4.284338
296.263349   4.799711   2754.550
 0.75000    5.945120   79.357915    4.284338
296.292976   5.252840   2734.276
 1.00000    5.945120   79.371851    4.284338
296.328227   6.586002   2724.876

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.872626  -64.546553   -6.307202
-193.872945  -82.875658  -846.067765
 0.25000   -2.872626  -64.532534   -6.307202
-193.837704  -79.500828  -800.099197
 0.50000   -2.872626  -64.520017   -6.307202
-193.807696  -77.628478  -754.130630
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S00-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1885

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000   -2.872626  -64.507974   -6.307202
-193.779307  -77.439381  -708.162062
 1.00000   -2.872626  -64.496587   -6.307202
-193.753075  -78.734971  -662.193494

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.763743  157.800554    5.173784
308.667979   39.175633   3920.284
 0.25000    6.763743  169.175578    5.173784
325.637988   38.143617   3898.995
 0.50000    6.763743  181.391251    5.173784
350.494625   37.990283   3875.239
 0.75000    6.763743  194.244953    5.173784
377.436066   38.949615   3852.713
 1.00000    6.763743  208.490351    5.173784
408.239355   40.916968   3825.563

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.671985  -199.096541   -7.242494
-364.799685  -71.946505  -947.042518
 0.25000   -3.671985  -184.757421   -7.242494
-332.460204  -69.007517  -895.045871
 0.50000   -3.671985  -171.688695   -7.242494
-304.515759  -67.315902  -843.049223
 0.75000   -3.671985  -159.126238   -7.242494
-279.794483  -67.025385  -791.052576
 1.00000   -3.671985  -147.271718   -7.242494
-257.486628  -67.983501  -739.055929

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.372921   34.690168    2.777213
125.272971   1.218415   1185.373
 0.25000    2.372921   34.824051    2.777213
125.587316   1.040371   1169.787
 0.50000    2.372921   34.967439    2.777213
125.924922   1.174854   1157.981
 0.75000    2.372921   35.118091    2.777213
126.287429   1.751839   1149.408
 1.00000    2.372921   35.288455    2.777213
126.718598   2.404592   1146.265

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.981963  -24.966599   -2.237287
-79.520719  -25.467849  -328.390862
 0.25000   -0.981963  -24.795212   -2.237287
-79.076075  -25.763715  -310.400083
 0.50000   -0.981963  -24.642208   -2.237287
-78.709069  -25.744927  -292.409304
 0.75000   -0.981963  -24.494987   -2.237287
-78.361845  -26.658178  -274.418524
 1.00000   -0.981963  -24.355779   -2.237287
-78.040984  -28.604631  -256.427745

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.674537  100.862567    3.243850
262.461950  15.233999   2807.098
 0.25000    4.674537  100.874737    3.243850
262.490516  15.011775   2753.647
 0.50000    4.674537  100.887771    3.243850
262.521196  15.547267   2721.850
 0.75000    4.674537  100.901465    3.243850
262.554133  16.167752   2719.025
 1.00000    4.674537  100.916951    3.243850
262.593316  18.129442   2737.833

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.687910  -87.303478   -3.111483
-234.745288  -21.885806  -645.815479
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1886

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -1.687910  -87.287899   -3.111483
-234.706116  -20.777641  -610.053004
 0.50000   -1.687910  -87.273991   -3.111483
-234.672763  -20.624181  -574.290530
 0.75000   -1.687910  -87.260608   -3.111483
-234.641209  -21.572973  -538.528055
 1.00000   -1.687910  -87.247954   -3.111483
-234.612051  -23.446199  -502.765580

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.082333  105.414015    4.671377
318.600668  14.791146   3223.299
 0.25000    6.082333  105.424968    4.671377
318.626377  14.299483   3165.449
 0.50000    6.082333  105.436699    4.671377
318.653990  14.457083   3127.593
 0.75000    6.082333  105.449024    4.671377
318.683633  15.485295   3116.122
 1.00000    6.082333  105.462961    4.671377
318.718897  16.967710   3124.821

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.764180   -90.517447   -5.719715
-240.983245  -64.653154  -852.419097
 0.25000   -2.764180   -90.503427   -5.719715
-240.947991  -62.180117  -805.742927
 0.50000   -2.764180   -90.490909   -5.719715
-240.917974  -61.078358  -759.066757
 0.75000   -2.764180   -90.478865   -5.719715
-240.889575  -61.549959  -712.390588
 1.00000   -2.764180   -90.467476   -5.719715
-240.863332  -63.371938  -665.714418

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.903737  195.968032    6.162633
298.743520  57.586963   4393.285
 0.25000    6.903737  213.404856    6.162633
301.422498  56.433221   4392.242
 0.50000    6.903737  232.199552    6.162633
326.703201  56.397171   4378.359
 0.75000    6.903737  252.016292    6.162633
349.851817  57.854880   4353.209
 1.00000    6.903737  273.371966    6.162633
370.580111  60.132491   4311.655

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.936194  -266.231565   -7.140595
-364.149054  -56.340755  -954.271976
 0.25000   -3.936194  -244.717846   -7.140595
-343.038556  -54.105893  -901.526863
 0.50000   -3.936194  -224.539696   -7.140595
-319.340924  -53.027868  -848.781750
 0.75000   -3.936194  -205.168997   -7.140595
-294.826849  -53.273029  -796.036637
 1.00000   -3.936194  -186.940233   -7.140595
-294.826849  -54.652865  -743.291524

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    2.848835  169.814482    4.063030
157.471550  78.367088   2704.850
 0.25000    2.848835  192.045031    4.063030
157.471550  76.930340   2758.455
 0.50000    2.848835  216.195910    4.063030
157.471550  76.490498   2778.967
 0.75000    2.848835  241.760250    4.063030
157.471550  77.191052   2762.326
 1.00000    2.848835  267.778464    4.063030
157.471550  78.906584   2707.624
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1887

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.788841  -277.079936   -4.016935
-259.156225  -4.125468  -373.348285
 0.25000   -2.788841  -250.818329   -4.016935
-259.156225  -3.865029  -352.123662
 0.50000   -2.788841  -224.712095   -4.016935
-259.156225  -3.628031  -330.899040
 0.75000   -2.788841  -199.713553   -4.016935
-259.156225  -3.420666  -309.674418
 1.00000   -2.788841  -176.328494   -4.016935
-259.156225  -3.260004  -288.449795

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.945056  249.623314    5.169035
251.747445  104.874954   4325.855
 0.25000    4.945056  276.214449    5.169035
251.747445  103.317789   4358.831
 0.50000    4.945056  305.023097    5.169035
251.747445  103.079639   4366.792
 0.75000    4.945056  335.486528    5.169035
251.747445  104.288236   4352.951
 1.00000    4.945056  367.019807    5.169035
251.747445  106.729354   4308.593

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.915193  -376.034686   -5.831961
-386.291853  -57.552170  -658.037667
 0.25000   -3.915193  -344.229543   -5.831961
-386.291853  -7.153323  -620.798074
 0.50000   -3.915193  -313.147553   -5.831961
-386.291853  -6.792158  -583.558481
 0.75000   -3.915193  -283.364403   -5.831961
-386.291853  -6.478830  -546.318888
 1.00000   -3.915193  -255.143427   -5.831961
-386.291853  -6.226890  -509.079295

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.493293  257.901704    6.039816
332.938073  91.659383   5012.708
 0.25000    6.493293  282.294979    6.039816
332.938073  90.201450   5028.820
 0.50000    6.493293  308.715963    6.039816
332.938073  90.374548   5026.137
 0.75000    6.493293  336.650006    6.039816
332.938073  91.988843   5016.620
 1.00000    6.493293  365.614330    6.039816
332.938073  94.853969   4962.544

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.965079  -365.983974   -6.079954
-429.299420  -13.266488  -877.303810
 0.25000   -3.965079  -336.771460   -6.079954
-429.299420  -12.288929  -828.069412
 0.50000   -3.965079  -308.271901   -6.079954
-429.299420  -11.906203  -778.835014
 0.75000   -3.965079  -280.961416   -6.079954
-429.299420  -12.215659  -729.600616
 1.00000   -3.965079  -255.352935   -6.079954
-429.299420  -13.156593  -680.366218

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.029732  229.626791    7.029142
352.299681  77.038824   4819.433
 0.25000    7.029732  249.964637    7.029142
352.299681  75.553202   4825.143
 0.50000    7.029732  271.992841    7.029142
352.299681  75.607086   4815.569
 0.75000    7.029732  295.282440    7.029142
352.299681  77.161006   4792.355
 1.00000    7.029732  319.432633    7.029142
352.299681  79.799258   4749.153
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1888

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.294018  -314.827048   -7.294917
-384.243072  -44.548758  -960.337481
 0.25000   -4.294018  -290.469667   -7.294917
-384.243072  -42.771649  -906.971241
 0.50000   -4.294018  -266.708959   -7.294917
-384.243072  -42.049783  -853.605000
 0.75000   -4.294018  -243.939259   -7.294917
-384.243072  -42.568039  -800.238760
 1.00000   -4.294018  -222.588393   -7.294917
-384.243072  -44.151537  -746.872519

 COMB DL-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.922604   22.631664    1.797411
109.797751   2.834205   1080.304
 0.25000    3.922604   22.638234    1.797411
109.811569   2.004726   1057.819
 0.50000    3.922604   22.645387    1.797411
109.826928   1.856871   1035.350
 0.75000    3.922604   22.652995    1.797411
109.843438   1.950173   1012.880
 1.00000    3.922604   22.660913    1.797411
109.860677   2.313669   990.645263

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.140576  -21.203473   -3.985610
-54.266919  -71.190766  -446.118897
 0.25000   -2.140576  -21.195539   -3.985610
-54.248955  -68.122961  -422.349430
 0.50000   -2.140576  -21.187888   -3.985610
-54.231725  -65.523238  -398.583545
 0.75000   -2.140576  -21.180642   -3.985610
-54.215637  -63.298900  -374.816837
 1.00000   -2.140576  -21.173958   -3.985610
-54.201073  -61.575716  -351.043753

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    7.053378   48.519942    4.399128
207.793017   4.150158   2189.426
 0.25000    7.053378   48.526509    4.399128
207.806795   3.021559   2149.313
 0.50000    7.053378   48.533657    4.399128
207.822112   2.254047   2109.595
 0.75000    7.053378   48.541261    4.399128
207.838575   2.272345   2070.398
 1.00000    7.053378   48.549174    4.399128
207.855766   2.833892   2031.609

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.537581  -44.109947   -6.355714
-106.165956 -107.749921 -809.060309
 0.25000   -3.537581  -44.102018   -6.355714
-106.140039 -104.031513 -765.668267
 0.50000   -3.537581  -44.094371   -6.355714
-106.130854 -101.262892 -722.088482
 0.75000   -3.537581  -44.087129   -6.355714
-106.114808  -99.775429 -678.572634
 1.00000   -3.537581  -44.080449   -6.355714
-106.100284  -99.204214 -635.059327

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.261276   90.283281    4.495258
298.437637   3.396692   3524.546
 0.25000    9.261276   90.472433    4.495258
298.869635   7.713155   3466.061
 0.50000    9.261276   90.678315    4.495258
299.310963   6.878531   3410.744
 0.75000    9.261276   90.897320    4.495258
299.785325   6.850107   3359.302
 1.00000    9.261276   91.125246    4.495258
300.280642   7.577408   3311.610
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1889

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.995052   -87.083758   -6.275397
-193.883823  -96.182176  -1122.965
 0.25000   -3.995052   -86.855378   -6.275397
-193.367581  -92.244684  -1061.830
 0.50000   -3.995052   -86.635118   -6.275397
-192.872429  -89.415251  -1000.707
 0.75000   -3.995052   -86.426540   -6.275397
-192.410106  -87.927324  -939.561236
 1.00000   -3.995052   -86.234134   -6.275397
-191.991629  -87.565307  -878.388784

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.948133  151.880592    5.228640
319.703998  47.259661   4486.553
 0.25000   10.948133  161.427820    5.228640
336.690329  45.915558   4447.160
 0.50000   10.948133  171.805256    5.228640
355.756896  45.370690   4396.382
 0.75000   10.948133  182.827719    5.228640
376.316620  45.559944   4336.866
 1.00000   10.948133  194.272120    5.228640
397.717175  46.490411   4266.250

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.170537  -195.610377   -6.966144
-337.737273  -53.970434  -1640.921
 0.25000   -5.170537  -184.124382   -6.966144
-315.132381  -80.570494  -1172.713
 0.50000   -5.170537  -173.022985   -6.966144
-293.394239  -78.105848  -1104.540
 0.75000   -5.170537  -162.492543   -6.966144
-273.131638  -76.773432  -1036.294
 1.00000   -5.170537  -152.766851   -6.966144
-254.923165  -76.382734  -968.064144

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.493492   36.230553    2.679308
117.965074   1.744586   1420.181
 0.25000    3.493492   36.305625    2.679308
118.102853   1.501356   1400.039
 0.50000    3.493492   36.377105    2.679308
118.256020   1.463877   1380.202
 0.75000    3.493492   36.453140    2.679308
118.420653   1.717013   1361.354
 1.00000    3.493492   36.532273    2.679308
118.592557   2.226824   1342.523

 COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.373460  -33.702666   -2.239044
-75.247176  -28.926060  -425.025562
 0.25000   -1.373460  -33.623375   -2.239044
-75.068003  -28.382301  -401.705770
 0.50000   -1.373460  -33.546904   -2.239044
-74.896150  -28.345658  -378.385978
 0.75000   -1.373460  -33.474488   -2.239044
-74.735691  -29.432311  -355.132427
 1.00000   -1.373460  -33.407686   -2.239044
-74.590452  -30.860443  -331.806187

 COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.815906  101.876723    3.097972
250.711780  20.102195   3219.953
 0.25000    6.815906  101.883293    3.097972
250.725591  19.326815   3165.869
 0.50000    6.815906  101.890444    3.097972
250.740944  19.198143   3121.421
 0.75000    6.815906  101.898052    3.097972
250.757445  19.642765   3090.950
 1.00000    6.815906  101.905969    3.097972
250.774676  20.567787   3070.364
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1890

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.478532  -100.853524   -2.967539
-205.356985  -25.488452  -845.238312
 0.25000   -2.478532  -100.845591   -2.967539
-205.339028  -24.347298  -798.387836
 0.50000   -2.478532  -100.837940   -2.967539
-205.321806  -23.930058  -751.548483
 0.75000   -2.478532  -100.830695   -2.967539
-205.305725  -24.601129  -704.681265
 1.00000   -2.478532  -100.824012   -2.967539
-205.291168  -25.947624  -657.760948

 COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.284601  110.862851    4.675265
314.550476  19.448406   3819.366
 0.25000    9.284601  110.868494    4.675265
314.562906  18.270469   3752.784
 0.50000    9.284601  110.874930    4.675265
314.576724  17.846873   3694.800
 0.75000    9.284601  110.881777    4.675265
314.591575  18.218797   3648.453
 1.00000    9.284601  110.888903    4.675265
314.607083  19.214298   3613.182

 COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.856894  -108.311818   -5.588701
-225.404968  -74.845372  -1118.021
 0.25000   -3.856894  -108.304678   -5.588701
-225.388807  -72.119615  -1056.734
 0.50000   -3.856894  -108.297793   -5.588701
-225.373307  -70.453337  -995.453336
 0.75000   -3.856894  -108.291272   -5.588701
-225.358834  -70.164249  -934.169021
 1.00000   -3.856894  -108.285257   -5.588701
-225.345733  -70.826843  -872.810173

 COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.469111  180.491576    5.968486
303.319508  67.615778   4905.441
 0.25000   11.469111  194.892248    5.968486
307.277538  66.324851   4883.293
 0.50000   11.469111  210.522755    5.968486
328.575173  65.881381   4840.006
 0.75000   11.469111  227.089237    5.968486
351.706525  66.242136   4777.104
 1.00000   11.469111  244.244655    5.968486
375.655036  67.276937   4693.207

 COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.602298  -248.481055   -6.788388
-352.901420  -65.956317   -1248.051
 0.25000   -5.602298  -231.228532   -6.788388
-326.818344  -63.536001  -1177.020
 0.50000   -5.602298  -214.507857   -6.788388
-301.544530  -61.992043   -1110.007
 0.75000   -5.602298  -198.611527   -6.788388
-278.113237  -61.567739   -1040.937
 1.00000   -5.602298  -183.891658   -6.788388
-272.779527  -61.969262  -971.870137

 COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.060044  139.338580    3.711842
159.597071  88.356334   3783.853
 0.25000    6.060044  157.482260    3.711842
159.597071  87.270816   2769.548
 0.50000    6.060044  177.149377    3.711842
159.531483  86.706515   2772.238
 0.75000    6.060044  197.903578    3.711842
158.480153  86.779291   2740.043
 1.00000    6.060044  219.271209    3.711842
156.214464  87.375383   2671.140
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING          LOAD              >
                                1891

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.040630  -229.992683   -3.603951
-243.772240  -5.950558  -487.249379
 0.25000   -4.040630  -208.442794   -3.603951
-248.110666  -5.699766  -459.551903
 0.50000   -4.040630  -187.487534   -3.603951
-252.383446  -5.453885  -431.114979
 0.75000   -4.040630  -167.288970   -3.603951
-255.670718  -5.223778  -403.499519
 1.00000   -4.040630  -148.611931   -3.603951
-257.743454  -5.010722  -375.941442

 COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.464367  213.152049    4.810600
263.657855  121.197259   4436.495
 0.25000    9.464367  234.165394    4.810600
263.657855  120.330007   4449.890
 0.50000    9.464367  256.944909    4.810600
263.657855  120.019758   4432.871
 0.75000    9.464367  281.007968    4.810600
263.656062  120.414685   4391.056
 1.00000    9.464367  305.818070    4.810600
263.225829  121.364469   4319.109

 COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.651244  -319.810967   -5.181714
-365.980915  -10.506984  -859.914561
 0.25000   -5.651244  -294.800858   -5.181714
-366.460888  -10.140000  -811.248360
 0.50000   -5.651244  -270.424642   -5.181714
-366.940669  -9.792259  -762.491951
 0.75000   -5.651244  -247.170117   -5.181714
-367.419050  -9.475462  -709.844912
 1.00000   -5.651244  -225.575077   -5.181714
-367.468790  -9.183915  -661.530894

 COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   11.284469  226.697066    5.661828
334.398185  106.311652   5330.596
 0.25000   11.284469  245.959576    5.661828
334.398185  104.933878   5326.680
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 0.50000    11.284469   266.841680     5.661828
334.398185  104.497993    5295.083
 0.75000    11.284469   288.903229     5.661828
334.398185  105.041866    5239.640
 1.00000    11.284469   311.653806     5.661828
334.476116  106.255018    5156.335

 COMB DL-G3-3 ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -5.851417  -322.711006    -5.593460
-399.189464  -17.839265   -1144.133
 0.25000   -5.851417  -299.779591    -5.593460
-399.105894  -16.719092   -1079.883
 0.50000   -5.851417  -277.432810    -5.593460
-399.022140  -16.189423   -1015.557
 0.75000   -5.851417  -256.119452    -5.593460
-398.938753  -15.499108   -951.346832
 1.00000   -5.851417  -236.327181    -5.593460
-398.933112  -17.088997   -887.184707

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   12.051008   206.804435     6.708792
355.990282   89.531949    5278.206
 0.25000   12.051008   222.862530     6.708792
355.990282   88.033720    5260.162
 0.50000   12.051008   240.270810     6.708792
355.990282   87.503799    5219.087
 0.75000   12.051008   258.662423     6.708792
355.990282   88.022705    5158.170
 1.00000   12.051008   277.628581     6.708792
356.071590   89.291944    5074.150
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1892

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -6.163682  -284.741266    -6.917274
-368.281794   -53.154447   -1278.515
 0.25000   -6.163682  -265.624436    -6.917274
-368.194718   -51.324636   -1207.516
 0.50000   -6.163682  -246.995117    -6.917274
-368.107490   -50.348709   -1136.452
 0.75000   -6.163682  -229.227447    -6.917274
-368.020568   -50.542816   -1065.472
 1.00000   -6.163682  -212.727836    -6.917274
-368.014800   -51.353378   -994.529198

 COMB       DB ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    7.029142   257.901704     7.029142
352.299681  104.874954    5012.708
 0.25000    7.029732   282.294979     7.029142
352.299681  103.317789    5028.820
 0.50000    7.029732   308.715963     7.029142
352.299681  103.079639    5026.137
 0.75000    7.029732   336.650006     7.029142
377.436066  104.228236    5026.520
 1.00000    7.029732   367.019807     7.029142
408.239355  106.729354    4962.544

 COMB       DB -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -4.294018  -376.034686    -7.294917
-429.299420   -94.264124   -960.337481
 0.25000   -4.294018  -344.229543    -7.294917
-429.299420   -91.043305   -906.971241
 0.50000   -4.294018  -313.147553    -7.294917
-429.299420   -89.078848   -853.605000
 0.75000   -4.294018  -283.364403    -7.294917
-429.299420   -88.607732   -800.238760
 1.00000   -4.294018  -255.443427    -7.294917
-429.299420   -89.569309   -746.872519

 COMB       DL ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   12.051008   226.697066     6.708792
355.990282  121.197259    5330.596
 0.25000   12.051008   245.959576     6.708792
355.990282  120.330007    5326.680
 0.50000   12.051008   266.841680     6.708792
355.990282  120.019758    5295.083
 0.75000   12.051008   288.903229     6.708792
376.316620  120.414685    5239.640
 1.00000   12.051008   311.653806     6.708792
397.717175  121.364469    5156.335

 COMB       DL -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -6.163682  -322.711006    -6.966144
-399.189464  -107.749921   -1278.515
 0.25000   -6.163682  -299.779591    -6.966144
-399.105894  -104.031513   -1207.516
 0.50000   -6.163682  -277.432810    -6.966144
-399.022140  -101.262892   -1136.452
 0.75000   -6.163682  -256.119452    -6.966144
-398.938753   -99.775429   -1065.472
 1.00000   -6.163682  -236.327181    -6.966144
-398.933112   -99.204214   -994.529198

 COMB       CAR ------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   12.051008   257.901704     7.029142
355.990282  121.197259    5330.596
 0.25000   12.051008   282.294979     7.029142
355.990282  120.330007    5326.680
 0.50000   12.051008   308.715963     7.029142
355.990282  120.019758    5295.083
 0.75000   12.051008   336.650006     7.029142
377.436066  120.414685    5239.640
 1.00000   12.051008   367.019807     7.029142
408.239355  121.364469    5156.335
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1893

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB       CAR ------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -6.163682  -376.034686    -7.294917
-429.299420  -107.749921   -1278.515
 0.25000   -6.163682  -344.229543    -7.294917
-429.299420  -104.031513   -1207.516
 0.50000   -6.163682  -313.147553    -7.294917
-429.299420  -101.262892   -1136.452
 0.75000   -6.163682  -283.364403    -7.294917
-429.299420   -99.775429   -1065.472
 1.00000   -6.163682  -255.443427    -7.294917
-429.299420   -99.204214   -994.529198

 COMB       DESIGN -------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   12.051008   257.901704     7.029142
355.990282  121.197259    5330.596
 0.25000   12.051008   282.294979     7.029142
355.990282  120.330007    5326.680
 0.50000   12.051008   308.715963     7.029142
355.990282  120.019758    5295.083
 0.75000   12.051008   336.650006     7.029142
377.436066  120.414685    5239.640
 1.00000   12.051008   367.019807     7.029142
408.239355  121.364469    5156.335

 COMB  DESIGN -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -6.163682  -376.034686    -7.294917
-429.299420  -107.749921   -1278.515
 0.25000   -6.163682  -344.229543    -7.294917
-429.299420  -104.031513   -1207.516
 0.50000   -6.163682  -313.147553    -7.294917
-429.299420  -101.262892   -1136.452
 0.75000   -6.163682  -283.364403    -7.294917
-429.299420   -99.775429   -1065.472
 1.00000   -6.163682  -255.443427    -7.294917
-429.299420   -99.204214   -994.529198

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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    2.041157   34.248124     0.523288
196.709077   2.064583   765.581821
 0.25000    2.041157   34.260541     0.523288
196.731017   2.636319   726.280208
 0.50000    2.041157   34.273849     0.523288
196.761842   3.209264   687.123679
 0.75000    2.041157   34.287851     0.523288
196.794161   3.784186   648.179452
 1.00000    2.041157   34.303682     0.523288
196.831742   4.365189   609.482927

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -1.298551  -15.955330    -5.268785
-48.818389   -55.714384  -265.464410
 0.25000   -1.298551  -15.939365    -5.268785
-48.778768   -50.926795  -245.976026
 0.50000   -1.298551  -15.925043    -5.268785
-48.744932   -46.614242  -226.487641
 0.75000   -1.298551  -15.911207    -5.268785
-48.712786   -42.702218  -206.999257
 1.00000   -1.298551  -15.898059    -5.268785
-48.682933   -39.208146  -187.510906

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    3.857326   72.901544     2.992590
351.826216   2.182166   1614.920
 0.25000    3.857326   72.913955     2.992590
351.847918   2.515555   1537.096
 0.50000    3.857326   72.927257     2.992590
351.878689   3.105136   1461.041
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1894

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.75000    3.857326   72.941254     2.992590
351.910954   3.909423   1387.152
 1.00000    3.857326   72.957074     2.992590
351.948466   6.191625   1315.158

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.124453  -29.457138    -7.794979
-76.294730   -90.417055  -482.795347
 0.25000   -2.124453  -29.441182    -7.794979
-76.255182   -85.014484  -447.612535
 0.50000   -2.124453  -29.426866    -7.794979
-76.221403   -80.871849  -412.429723
 0.75000   -2.124453  -29.413036    -7.794979
-76.189315   -78.156407  -377.246911
 1.00000   -2.124453  -29.399894    -7.794979
-76.159520   -76.708132  -342.064099

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    5.369538  125.498466     3.348424
443.541259   5.344931   2771.855
 0.25000    5.369538  125.509637     3.348424
443.541834   5.977112   2598.008
 0.50000    5.369538  125.521610     3.348424
443.569538   6.746770   2481.317
 0.75000    5.369538  125.534208     3.348424
443.598586   7.762231   2373.762
 1.00000    5.369538  125.548448     3.348424
443.632360   10.182826   2276.701

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.324331  -39.319443    -7.429898
-149.078960   -79.821297  -661.925684
 0.25000   -2.324331  -39.305081    -7.429898
-149.043354   -75.154622  -614.208361
 0.50000   -2.324331  -39.292195    -7.429898
-149.012943   -71.988344  -566.491039
 0.75000   -2.324331  -39.279742    -7.429898
-148.984053   -70.351454  -518.773716
 1.00000   -2.324331  -39.267918    -7.429898
-148.957227   -69.843844  -471.056394

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.098963  209.552398     4.656203
416.999752   39.614188   3824.825
 0.25000    6.098963  221.168495     4.656203
424.938366   39.322709   3703.642
 0.50000    6.098963  233.651216     4.656203
442.518153   39.396539   3576.604
 0.75000    6.098963  246.805355     4.656203
463.179509   40.277206   3445.869
 1.00000    6.098963  261.386278     4.656203
494.208517   42.548608   3310.592

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.984897  -162.144909    -7.744448
-365.235900   -68.557477  -738.943553
 0.25000   -2.984897  -147.424974    -7.744448
-332.551779   -64.585671  -686.234078
 0.50000   -2.984897  -133.943138    -7.744448
-304.232059   -61.860847  -633.524604
 0.75000   -2.984897  -120.928840    -7.744448
-280.578410   -60.435162  -580.815129
 1.00000   -2.984897  -108.581932    -7.744448
-258.154588   -59.974585  -528.105655

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    2.162556   52.998258     3.162598
172.931785   2.163467   1145.919
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1895

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2            V3
        T          M2            M3
 0.25000    2.162556   53.134822     3.162598
173.172077   2.326280   1096.522
 0.50000    2.162556   53.281186     3.162598
173.510920   2.605472   1049.565
 0.75000    2.162556   53.435189     3.162598
173.866187   2.988030   1005.214
 1.00000    2.162556   53.609277     3.162598
174.279281   3.534225   964.201200

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -0.775255  -16.113323    -2.180954
-37.449132   -28.976865  -256.359284
 0.25000   -0.775255  -15.937746    -2.180954
-37.013619   -28.951999  -237.992832
 0.50000   -0.775255  -15.780225    -2.180954
-36.641677   -29.807486  -219.626772
 0.75000   -0.775255  -15.628060    -2.180954
-36.288328   -31.846916  -201.260712
 1.00000   -0.775255  -15.483458    -2.180954
-35.960197   -34.797330  -182.894651

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    4.233828  137.205020     3.767373
299.922629   17.290586   2737.405
 0.25000    4.233828  137.217433     3.767373
299.944426   17.594449   2610.990
 0.50000    4.233828  137.230738     3.767373
299.975219   17.720906   2503.525
 0.75000    4.233828  137.244737     3.767373
300.007506   18.347094   2420.449
 1.00000    4.233828  137.260561     3.767373
300.045046   19.316061   2361.247

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -1.414464  -49.693727    -2.982756
-183.339413   -23.960888  -502.767252
 0.25000   -1.414464  -49.677767    -2.982756
-183.299836   -23.998316  -467.145385
 0.50000   -1.414464  -49.663448    -2.982756
-183.266034   -25.148609  -431.523518
 0.75000   -1.414464  -49.649616    -2.982756
-183.233923   -27.412105  -395.901651
 1.00000   -1.414464  -49.636972    -2.982756
-183.204105   -30.389683  -360.279784

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    5.494129  152.509961     4.360574
425.833480   15.838557   3123.978
 0.25000    5.494129  152.521133     4.360574
425.853097   16.153344   2977.551
 0.50000    5.494129  152.533107     4.360574
425.880811   16.738295   2848.237
 0.75000    5.494129  152.545706     4.360574
425.909869   17.990126   2741.318
 1.00000    5.494129  152.559948     4.360574
425.943655   19.966139   2656.187

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.255857  -57.272476    -6.344876
-200.848498   -64.224408  -665.555379
 0.25000   -2.255857  -57.258112    -6.344876
-200.812878   -61.492266  -617.911886
 0.50000   -2.255857  -57.245225    -6.344876
-200.781457   -60.123128  -570.268393
 0.75000   -2.255857  -57.232776    -6.344876
-200.753557   -60.394031  -522.624901
 1.00000   -2.255857  -57.220946    -6.344876
-200.726720   -61.690662  -474.981408
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1896

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.243202  247.952781     6.286992
375.823641   57.882828   4311.284
 0.25000    6.243202  265.787016     6.286992
375.823641   57.701436   4205.644
 0.50000    6.243202  285.021078     6.286992
375.823641   57.093446   4082.840
 0.75000    6.243202  305.331333     6.286992
388.135322   57.769153   3943.290
 1.00000    6.243202  327.241488     6.286992
409.131610   59.412812   3785.682

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.207662  -223.795728    -6.708510
-390.811331   -54.849568  -743.293849
 0.25000   -3.207662  -201.646167    -6.708510
-369.767286   -52.535457  -690.625802
 0.50000   -3.207662  -180.773213    -6.708510
-346.102622   -51.428430  -637.957755
 0.75000   -3.207662  -160.643043    -6.708510
-320.856637   -51.241700  -585.289708
 1.00000   -3.207662  -141.587956    -6.708510
-320.850637   -52.735518  -532.621662

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    2.589885  188.866442     4.777739
51.678399   78.443665   2708.384
 0.25000    2.589885  211.674535     4.777739
51.678399   75.539603   2715.447
 0.50000    2.589885  236.462165     4.777739
51.678399   73.114992   2686.336
 0.75000    2.589885  262.739792     4.777739
51.678399   72.344087   2616.645
 1.00000    2.589885  289.572727     4.777739
51.678399   72.073061   2504.861

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.265405  -254.632973    -2.272679
-366.132017   -2.291155  -288.671560
 0.25000   -2.265405  -227.427444    -2.272679
-366.132017   -2.300595  -268.881464
 0.50000   -2.265405  -200.278649    -2.272679
-366.132017   -2.350013  -249.091369
 0.75000   -2.265405  -174.141392    -2.272679
-366.132017   -2.446663  -229.301273
 1.00000   -2.265405  -149.521410    -2.272679
-366.132017   -2.596219  -209.511177

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    4.467633  284.691062     6.078792
137.226246  105.951034   4309.421
 0.25000    4.467633  311.948049     6.078792
137.226246  102.659569   4259.588
 0.50000    4.467633  341.491909     6.078792
137.226246  100.831281   4180.946
 0.75000    4.467633  372.777886     6.078792
137.226246  100.249769   4074.169
 1.00000    4.467633  405.242875     6.078792
137.226246  100.790142   3935.568

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.199380  -333.489609    -3.979987
-508.824182   -5.029531  -509.394002
 0.25000   -3.199380  -300.603095    -3.979987
-508.824182   -4.922471  -474.237897
 0.50000   -3.199380  -268.329473    -3.979987
-508.824182   -4.873189  -439.081792
 0.75000   -3.199380  -237.244727    -3.979987
-508.824182   -4.891854  -403.925686
 1.00000   -3.199380  -207.910054    -3.979987
-508.824182   -4.984680  -368.769581
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1897

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    5.886221  305.460449     7.087393
260.772814   93.626236   4963.062
 0.25000    5.886221  330.462235     7.087393
260.772814   90.840667   4874.887
 0.50000    5.886221  357.554406     7.087393
260.772814   89.068059   4761.667
 0.75000    5.886221  386.240997     7.087393
260.772814   88.450323   4623.632
 1.00000    5.886221  416.056646     7.087393
260.772814   88.937293   4458.601

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.269112  -308.678145    -4.200611
-493.647853   -12.562689   -680.624112
 0.25000   -3.269112  -278.478041    -4.200611
-493.647853   -12.743160   -633.165808
 0.50000   -3.269112  -248.890456    -4.200611
-493.647853   -13.612813   -585.707505
 0.75000   -3.269112  -220.391538    -4.200611
-493.647853   -15.221980   -538.249201
 1.00000   -3.269112  -193.492062    -4.200611
-493.647853   -17.263620   -490.790898

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.369278  281.639461     7.827787
348.116731   78.604495   4749.225
 0.25000    6.369278  302.484575     7.827787
348.116731   76.407736   4646.788
 0.50000    6.369278  325.072297     7.827787
348.116731   75.189701   4523.951
 0.75000    6.369278  348.989239     7.827787
348.116731   75.157492   4381.222
 1.00000    6.369278  373.849111     7.827787
348.116731   76.273386   4216.375

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.504428  -267.945637    -6.085488
-437.449234   -43.967101   -746.973654
 0.25000   -3.504428  -242.765301    -6.085488
-437.449234   -42.771357   -694.344783
 0.50000   -3.504428  -218.097324    -6.085488
-437.449234   -42.722559   -641.715912
 0.75000   -3.504428  -194.336955    -6.085488
-437.449234   -43.938208   -589.087041
 1.00000   -3.504428  -171.909920    -6.085488
-437.449234   -46.040887   -536.458170

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    3.358381   49.442252     0.798890
254.303619   1.960855   989.848090
 0.25000    3.358381   49.449121     0.798890
254.316769   2.659233   934.638664
 0.50000    3.358381   49.456588     0.798890
254.331480   3.553179   879.454882
 0.75000    3.358381   49.464530     0.798890
254.347373   4.687931   824.295358
 1.00000    3.358381   49.472812     0.798890
254.364025   6.208426   769.244782

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -1.699188  -22.350374    -6.062397
-61.642944   -61.770026  -350.755186
 0.25000   -1.699188  -22.342609    -6.062397
-61.624231   -55.931607  -325.089412
 0.50000   -1.699188  -22.335112    -6.062397
-61.606233   -50.504417  -299.423532
 0.75000   -1.699188  -22.328025    -6.062397
-61.589393   -45.518253  -273.764865
 1.00000   -1.699188  -22.321489    -6.062397
-61.574036   -41.094285  -248.097179
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING          LOAD                >
                                  1898

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    6.128268   97.389411     3.029487
434.350840   2.365825   2030.292
 0.25000    6.128268   97.396275     3.029487
434.368948   2.850051   1924.033
 0.50000    6.128268   97.403739     3.029487
434.383615   3.706981   1818.715
 0.75000    6.128268   97.411676     3.029487
434.399460   5.001062   1714.223
 1.00000    6.128268   97.419953     3.029487
434.416062   7.014135   1610.933

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -2.819059  -40.767683    -8.416295
-95.258229   -99.649201   -634.630616
 0.25000   -2.819059  -40.759924    -8.416295
-95.239561   -93.142296   -588.468449
 0.50000   -2.819059  -40.752431    -8.416295
-95.221615   -87.792147   -542.338597
 0.75000   -2.819059  -40.745348    -8.416295
-95.204807   -83.542663   -496.208611
 1.00000   -2.819059  -40.738816    -8.416295
-95.189488   -80.190185   -450.072290

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000    8.154586  154.384523     3.395169
516.033556   6.672597   3310.263
 0.25000    8.154586  154.582240     3.395169
516.411264   6.961522   3153.959
 0.50000    8.154586  154.797206     3.395169
516.803904   7.695599   2999.792
 0.75000    8.154586  155.025831     3.395169
517.290458   8.959897   2848.141
 1.00000    8.154586  155.264219     3.395169
517.768841   11.307081   2700.415

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P             V2            V3
        T          M2            M3
 0.00000   -3.240851  -63.866756    -7.959501
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-153.503835  -88.112145 -878.021968
 0.25000    -3.240851   -63.643258   -7.959501
-152.965975  -82.413832 -814.833483
 0.50000    -3.240851   -63.427450   -7.959501
-152.448678  -77.858316 -751.656818
 0.75000    -3.240851   -63.223428   -7.959501
-151.964670  -74.569393 -688.489889
 1.00000    -3.240851   -63.035287   -7.959501
-151.523292  -72.333903 -625.284329

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.620378  219.089626    4.599412
480.044446   44.910383   4265.485
 0.25000    9.620378  229.079154    4.599412
495.871826   44.326778   4113.833
 0.50000    9.620378  239.930581    4.599412
513.807035   44.208683   3947.866
 0.75000    9.620378  251.455819    4.599412
533.275492   44.556412   3771.673
 1.00000    9.620378  263.452175    4.599412
553.645931   45.920059   3584.305

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.216762 -160.022806   -7.848151
-353.897479  -76.170467 -967.908917
 0.25000   -4.216762 -148.785502   -7.848151
-330.023843  -71.367425 -891.667444
 0.50000   -4.216762 -137.910612   -7.848151
-306.980572  -67.513500 -831.854878
 0.75000   -4.216762 -127.612172   -7.848151
-285.446508  -64.722306 -764.017404
 1.00000   -4.216762 -118.104208   -7.848151
-265.922342  -63.824616 -698.175515
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1899

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.121654   60.525855    2.725827
186.117341   2.124575    1342.030
 0.25000    3.121654   60.594501    2.725827
186.248420   2.118039    1280.359
 0.50000    3.121654   60.669137    2.725827
186.395095   2.375811    1219.523
 0.75000    3.121654   60.748511    2.725827
186.553546   2.814967    1160.761
 1.00000    3.121654   60.831276    2.725827
186.719564   3.473259    1102.751

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.111271  -22.427965   -2.106143
-39.179444  -31.274706 -331.700331
 0.25000   -1.111271  -22.350370   -2.106143
-38.992763  -30.984624 -307.930716
 0.50000   -1.111271  -22.275444   -2.106143
-38.813305  -31.817966 -284.175047
 0.75000   -1.111271  -22.204609   -2.106143
-38.645227  -33.379897 -260.422269
 1.00000   -1.111271  -22.139288   -2.106143
-38.492034  -35.194255 -236.650001

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.094138  147.086412    3.352990
310.147355   19.747423    3069.887
 0.25000    6.094138  147.093279    3.352990
310.160498   19.576598    2934.187
 0.50000    6.094138  147.100746    3.352990
310.175203   19.605024    2804.754
 0.75000    6.094138  147.108688    3.352990
310.191087   19.996969    2688.126
 1.00000    6.094138  147.116968    3.352990
310.207731   20.755067    2581.873

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.067650  -66.468250   -2.694252
-152.783337  -26.191887 -657.7411142
 0.25000   -2.067650  -66.460486   -2.694252
-152.764631  -26.150321 -611.131518
 0.50000   -2.067650  -66.452990   -2.694252
-152.746641  -26.913206 -564.987922
 0.75000   -2.067650  -66.445903   -2.694252
-152.729808  -28.513917 -518.841474
 1.00000   -2.067650  -66.439368   -2.694252
-152.714457  -30.660011 -472.655347

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.209557  173.672482    4.085980
478.406337   18.101291    3612.134
 0.25000    8.209557  173.678663    4.085980
478.418166   18.216396    3444.095
 0.50000    8.209557  173.685383    4.085980
478.431400   18.708915    3281.786
 0.75000    8.209557  173.692531    4.085980
478.445695   19.611767    3131.143
 1.00000    8.209557  173.699983    4.085980
478.460675   21.707520    2989.967

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.152924  -77.574136   -6.348895
-182.726269  -71.222348 -872.581859
 0.25000   -3.152924  -77.567149   -6.348895
-182.709433  -68.003361 -810.168212
 0.50000   -3.152924  -77.560402   -6.348895
-182.693242  -65.836337 -748.165050
 0.75000   -3.152924  -77.554024   -6.348895
-182.678092  -64.772655 -686.163717
 1.00000   -3.152924  -77.548143   -6.348895
-182.664276  -64.631102 -624.132050
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1900

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.102752  246.174628    5.956196
424.717978   65.275273    4692.915
 0.25000   10.102752  261.271169    5.956196
424.716448   63.855636    4553.510
 0.50000   10.102752  277.654037    5.956196
431.558707   62.864018    4390.173
 0.75000   10.102752  295.024277    5.956196
452.613806   62.551113    4205.990
 1.00000   10.102752  313.036218    5.956196
474.567718   63.027805    4000.084

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.582744 -205.830345   -6.504988
-406.742858  -61.333051 -971.884905
 0.25000   -4.582744 -188.969809   -6.504988
-379.431047  -58.673841 -903.002600
 0.50000   -4.582744 -172.593576   -6.504988
-351.847437  -56.886840 -834.307995
 0.75000   -4.582744 -157.046738   -6.504988
-325.985776  -56.027270 -766.455939
 1.00000   -4.582744 -142.664706   -6.504988
-318.471135  -55.948236 -698.765553

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    5.284818  159.615399    4.607364
74.230324   85.569020    2674.205
 0.25000    5.284818  178.740077    4.607364
74.230324   82.156080    2661.121
 0.50000    5.284818  199.449314    4.607364
74.230324   79.212169    2612.998
 0.75000    5.284818  221.319114    4.607364
74.230324   76.800452    2528.747
 1.00000    5.284818  243.873283    4.607364
74.230324   74.825898    2408.840

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.301360 -203.643336   -2.000140
-380.666339  -3.334249 -376.240805
 0.25000   -3.301360 -182.589859   -2.000140
-385.004489  -3.408924 -349.994666
 0.50000   -3.301360 -161.998029   -2.000140
-389.342639  -3.498199 -323.989705
 0.75000   -3.301360 -142.347432   -2.000140
-393.680789  -3.607886 -298.155844
 1.00000   -3.301360 -124.115371   -2.000140
-398.018902  -3.741624 -272.299986

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    8.279292  251.489031    5.893499
162.800620  118.781209    4320.352
 0.25000    8.279292  273.611823    5.893499
162.800620  115.091642    4248.268
 0.50000    8.279292  297.572427    5.893499
162.800620  111.974890    4140.058
 0.75000    8.279292  322.899430    5.893499
162.800620  109.429056    4004.656
 1.00000    8.279292  349.048940    5.893499
162.800620  107.315138    3838.991

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.642275 -274.314020   -3.359584
-516.164667  -6.995302 -661.953732
 0.25000   -4.642275 -249.885085   -3.359584
-516.644610  -6.932844 -616.228268
 0.50000   -4.642275 -226.030902   -3.359584
-517.124553  -6.892295 -570.932315
 0.75000   -4.642275 -203.294683   -3.359584
-517.604495  -6.882585 -525.850988
 1.00000   -4.642275 -182.206574   -3.359584
-518.084438  -6.925629 -480.641312
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1901

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    9.959570  281.195917    6.755539
282.826883  103.754883    5157.130
 0.25000    9.959570  301.472722    6.755539
282.826883  100.342014    5038.470
 0.50000    9.959570  323.434547    6.755539
282.826883   97.417613    4888.698
 0.75000    9.959570  346.651512    6.755539
282.826883   95.255972    4712.775
 1.00000    9.959570  370.626461    6.755539
282.826883   93.734563    4508.146

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -4.813470 -265.818482   -3.747658
-497.199461  -15.582602 -887.517137
 0.25000   -4.813470 -243.419316   -3.747658
-497.115895  -15.644509 -825.533147
 0.50000   -4.813470 -221.551641   -3.747658
-497.032330  -16.297227 -763.670831
 0.75000   -4.813470 -200.712011   -3.747658
-496.948765  -17.525648 -702.400996
 1.00000   -4.813470 -181.384590   -3.747658
-496.865200  -19.119188 -640.831418

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.615755  270.977393    7.322743
397.133404   86.994924    5074.319
 0.25000   10.615755  287.880959    7.322743
397.133404   81.329506    4935.326
 0.50000   10.615755  306.189245    7.322743
397.133404   82.273368    4770.525
 0.75000   10.615755  325.543957    7.322743
397.133404   81.036906    4584.217
 1.00000   10.615755  345.530693    7.322743
397.133404   80.567589    4374.227

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.040128 -236.399766   -5.811145
-446.982552  -50.258348 -994.633016
 0.25000   -5.040128 -217.726626   -5.811145
-446.895482  -48.885067 -924.422322
 0.50000   -5.040128 -199.496715   -5.811145
-446.808412  -48.383863 -844.259611
 0.75000   -5.040128 -182.123935   -5.811145
-446.721342  -48.763983 -775.355876
 1.00000   -5.040128 -166.011239   -5.811145
-446.634272  -49.799551 -706.409533

 COMB      DB -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    6.369278  305.460449    7.827787
443.522259  105.951034    4963.062
 0.25000    6.369278  330.462235    7.827787
443.541834  102.659569    4874.887
 0.50000    6.369278  357.554406    7.827787
443.569538  100.831281    4761.667
 0.75000    6.369278  386.240997    7.827787
463.179509  100.249769    4623.632
 1.00000    6.369278  416.056646    7.827787
494.208517  100.790142    4458.601

 COMB      DB -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -3.504428 -333.489609   -7.794979
-508.824182  -90.417055 -746.973654
 0.25000   -3.504428 -300.603095   -7.794979
-508.824182  -85.014484 -694.344783
 0.50000   -3.504428 -268.329473   -7.794979
-508.824182  -80.871849 -641.715912
 0.75000   -3.504428 -237.244727   -7.794979
-508.824182  -78.156407 -589.087041
 1.00000   -3.504428 -207.910054   -7.794979
-508.824182  -76.708132 -536.458170
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1902

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB      DL -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.615755  281.195917    7.322743
516.033556  118.781209    5157.130
 0.25000   10.615755  301.472722    7.322743
516.411264  115.091642    5038.470
 0.50000   10.615755  323.434547    7.322743
516.833904  111.974890    4888.698
 0.75000   10.615755  346.651512    7.322743
533.275492  109.429056    4712.775
 1.00000   10.615755  370.626461    7.322743
553.645931  107.315138    4508.146

 COMB      DL -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.040128 -274.314020   -8.416295
-516.164667  -99.649201 -994.633016
 0.25000   -5.040128 -249.885085   -8.416295
-516.644610  -93.142296 -924.422322
 0.50000   -5.040128 -226.030902   -8.416295
-517.124553  -87.792147 -844.259611
 0.75000   -5.040128 -203.294683   -8.416295
-517.604495  -83.542663 -775.355876
 1.00000   -5.040128 -182.206574   -8.416295
-518.084438  -80.190185 -706.409533

 COMB      CAR -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.615755  305.460449    7.827787
516.033556  118.781209    5157.130
 0.25000   10.615755  330.462235    7.827787
516.411264  115.091642    5038.470
 0.50000   10.615755  357.554406    7.827787
516.833904  111.974890    4888.698
 0.75000   10.615755  386.240997    7.827787
533.275492  109.429056    4712.775
 1.00000   10.615755  416.056646    7.827787
553.645931  107.315138    4508.146

 COMB      CAR -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.040128 -333.489609   -8.416295
-516.164667  -99.649201 -994.633016
 0.25000   -5.040128 -300.603095   -8.416295
-516.644610  -93.142296 -924.422322
 0.50000   -5.040128 -268.329473   -8.416295
-517.124553  -87.792147 -844.259611
 0.75000   -5.040128 -237.244727   -8.416295
-517.604495  -83.542663 -775.355876
 1.00000   -5.040128 -207.910054   -8.416295
-518.084438  -80.190185 -706.409533

 COMB      DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   10.615755  305.460449    7.827787
516.033556  118.781209    5157.130
 0.25000   10.615755  330.462235    7.827787
516.411264  115.091642    5038.470
 0.50000   10.615755  357.554406    7.827787
516.833904  111.974890    4888.698
 0.75000   10.615755  386.240997    7.827787
533.275492  109.429056    4712.775
 1.00000   10.615755  416.056646    7.827787
553.645931  107.315138    4508.146

 COMB      DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -5.040128 -333.489609   -8.416295
-516.164667  -99.649201 -994.633016
 0.25000   -5.040128 -300.603095   -8.416295
-516.644610  -93.142296 -924.422322
 0.50000   -5.040128 -268.329473   -8.416295
-517.124553  -87.792147 -844.259611
 0.75000   -5.040128 -237.244727   -8.416295
-517.604495  -83.542663 -775.355876
 1.00000   -5.040128 -207.910054   -8.416295
-518.084438  -80.190185 -706.409533
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1903

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 ELEM      163 ================== LENGTH
 =     4.927847

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    1.629791   49.886822    0.310479
280.998268   4.359054   608.353850
 0.25000    1.629791   49.899570    0.310479
281.018977   4.547140   547.540353
 0.50000    1.629791   49.913354    0.310479
281.041286   5.306491   486.938566
 0.75000    1.629791   49.927998    0.310479
281.074912   7.120020   426.434584
 1.00000    1.629791   49.944604    0.310479
281.114270   9.467430   366.198708

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.964490  -16.210976   -5.478389
-51.508044  -39.393363  -187.261576
 0.25000   -0.964490  -16.194162   -5.478389
-51.466825  -33.913555  -167.431974
 0.50000   -0.964490  -16.178878   -5.478389
-51.431537  -27.998908  -147.602372
 0.75000   -0.964490  -16.163889   -5.478389
-51.397254  -22.364601  -127.772772
 1.00000   -0.964490  -16.147923   -5.478389
-51.360371  -17.033566  -107.952073

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.114583  104.299618    1.061714
488.218998   5.428971    1313.289
 0.25000    3.114583  104.312362    1.061714
488.239591   6.750444    1188.265
 0.50000    3.114583  104.326140    1.061714
488.261623   8.482530    1064.295
 0.75000    3.114583  104.340777    1.061714
488.295193  10.733535   941.951832
 1.00000    3.114583  104.357374    1.061714
488.334479  13.702925   822.206475

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.578626  -29.399963   -8.369625
-79.648988  -78.032665 -341.704096
 0.25000   -1.578626  -29.383159   -8.369625
-79.607844  -70.376727 -306.050065
 0.50000   -1.578626  -29.367880   -8.369625
-79.570615  -63.511102 -270.396913
 0.75000   -1.578626  -29.352894   -8.369625
-79.538390  -57.638228 -234.743763
 1.00000   -1.578626  -29.339253   -8.369625
-79.501582  -52.348927 -199.102438

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.363435  172.792312    1.373283
579.021643   8.646469    2274.723
 0.25000    4.363435  172.803782    1.373283
579.040230   9.854207    2072.055
 0.50000    4.363435  172.816184    1.373283
579.060110  11.463790    1870.135
 0.75000    4.363435  172.829358    1.373283
579.090332  13.545393    1679.898
 1.00000    4.363435  172.844297    1.373283
579.125702  16.314962    1494.709

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.759514  -39.129232   -7.844212
-80.287875  -71.529480 -470.754644
 0.25000   -1.759514  -39.114107   -7.844212
-80.250832  -64.826414 -422.680751
 0.50000   -1.759514  -39.100355   -7.844212
-80.219115  -58.921210 -374.606858
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1904

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000   -1.759514  -39.086867   -7.844212
-80.188302  -53.842790 -326.532967
 1.00000   -1.759514  -39.074589   -7.844212
-80.155161  -49.336720 -278.469982

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.960031  265.730511    3.399494
525.021064  40.843730    3309.186
 0.25000    4.960031  277.699872    3.399494
525.021064  39.819125    3082.838
 0.50000    4.960031  290.662120    3.399494
539.394915  39.346349    2845.430
 0.75000    4.960031  304.441689    3.399494
557.943797  39.576477    2600.295
 1.00000    4.960031  319.772273    3.399494
581.546931  40.675173    2347.313

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -2.268183 -140.377870   -6.717483
-325.888980  -60.977392 -527.976038
 0.25000   -2.268183 -124.803030   -6.717483
-291.974261  -55.347729 -475.171670
 0.50000   -2.268183 -110.339786   -6.717483
-265.436901  -50.397656 -422.367303
 0.75000   -2.268183  -96.076901   -6.717483
-243.387582  -46.190678 -369.563697
 1.00000   -2.268183  -83.210492   -6.717483
-219.558465  -42.508271 -316.777906

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    1.775872   72.621046    1.035094
219.219561   2.955609   963.471689
 0.25000    1.775872   72.761256    1.035094
219.443187   3.128828   879.301089
 0.50000    1.775872   72.912853    1.035094
219.687367   3.347581   797.373469
 0.75000    1.775872   73.073905    1.035094
220.057003   3.659525   716.342307
 1.00000    1.775872   73.256535    1.035094
220.489624   4.140024   641.108591

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.576297  -16.008146   -2.508092
-22.499299  -35.365626 -182.818477
 0.25000   -0.576297  -15.823237   -2.508092
-22.046220  -34.617056 -164.380528
 0.50000   -0.576297  -15.655139   -2.508092
-21.658309  -34.409477 -145.942578
 0.75000   -0.576297  -15.490277   -2.508092
-21.281455  -34.912320 -127.504652
 1.00000   -0.576297  -15.340175   -2.508092
-20.876069  -35.738024 -109.066815

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    3.463490  178.570529    1.866246
343.192406  17.893902    2360.418
 0.25000    3.463490  178.583275    1.866246
343.213091  17.513426    2157.234
 0.50000    3.463490  178.597055    1.866246
343.235234  17.304534    1966.300
 0.75000    3.463490  178.611695    1.866246
343.268826  17.477600    1792.055
 1.00000    3.463490  178.628296    1.866246
343.308141  18.018185    1641.319

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.098242  -38.063790   -2.473935
-96.298341  -31.244888 -360.279127
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
 <              MOVING              LOAD              >
                                    1905

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000   -1.098242  -38.046982   -2.473935
-96.257167  -30.687524 -324.733637
 0.50000   -1.098242  -38.031702   -2.473935
-96.221914  -30.691538 -289.188146
 0.75000   -1.098242  -38.016714   -2.473935
-96.187667  -31.340189 -253.642657
 1.00000   -1.098242  -38.003070   -2.473935
-96.150828  -32.293590 -218.097183

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    4.472072  203.214122    1.867754
530.351329  18.383989    2654.564
 0.25000    4.472072  203.225592    1.867754
530.369946  18.696397    2419.811
 0.50000    4.472072  203.237995    1.867754
530.389875  19.349600    2196.223
 0.75000    4.472072  203.251171    1.867754
530.420108  20.617502    1987.747
 1.00000    4.472072  203.266111    1.867754
530.455491  22.534298    1800.861

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -1.718628  -47.142626   -6.141997
-123.584563  -63.064678 -474.801043
 0.25000   -1.718628  -47.127499   -6.141997
-123.547506  -58.564854 -426.985935
 0.50000   -1.718628  -47.113746   -6.141997
-123.515778  -54.798689 -379.170827
 0.75000   -1.718628  -47.100258   -6.141997
-123.484955  -51.900767 -331.355721
 1.00000   -1.718628  -47.087978   -6.141997
-123.451801  -49.762406 -283.550742

 COMB DB-G2-4 -------------------- MAX
```

```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.100700  306.667482    4.708103
464.363057   57.605661  3784.909
 0.25000    5.100700  325.134443    4.708103
464.363057   54.855670  3562.530
 0.50000    5.100700  345.176752    4.708103
464.363057   52.513873  3316.589
 0.75000    5.100700  366.501412    4.708103
464.363057   50.910972  3052.474
 1.00000    5.100700  389.611026    4.708103
478.136421   50.078170  2765.777

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.442919 -195.112521   -5.245965
-380.185135  -53.210562 -532.620812
 0.25000   -2.442919 -171.522278   -5.245965
-358.755152  -49.557932 -480.047272
 0.50000   -2.442919 -148.971053   -5.245965
-334.219568  -46.559806 -427.473733
 0.75000   -2.442919 -126.762577   -5.245965
-311.556575  -44.309162 -374.900194
 1.00000   -2.442919 -106.609673   -5.245965
-311.556575  -42.701559 -322.349330

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.144541  214.160336    5.622086
 44.449822   71.307151   2506.137
 0.25000    2.144541  238.006415    5.622086
 44.449822   65.768299   2446.958
 0.50000    2.144541  264.011089    5.622086
 44.449822   60.577053   2346.060
 0.75000    2.144541  291.724013    5.622086
 44.449822   55.962944   2212.553
 1.00000    2.144541  320.215332    5.622086
 44.449822   51.912539   2032.280
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1906

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.722222 -223.050005   -0.291270
-459.993795   -1.376229 -209.757964
 0.25000   -1.722222 -193.677865   -0.291270
-459.993795   -1.159192 -190.352235
 0.50000   -1.722222 -163.946746   -0.291270
-459.993795   -1.868055 -170.946505
 0.75000   -1.722222 -134.741792   -0.291270
-459.993795   -2.160498 -151.540776
 1.00000   -1.722222 -107.954471   -0.291270
-459.993795   -2.469284 -132.149486

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    3.669449  329.859804    7.230368
 131.163202   99.657574   3936.962
 0.25000    3.669449  358.277477    7.230368
 131.163202   92.981372   3776.601
 0.50000    3.669449  389.210907    7.230368
 131.163202   86.771686   3578.298
 0.75000    3.669449  422.163299    7.230368
 131.163202   81.537902   3355.921
 1.00000    3.669449  456.665308    7.230368
 131.163202   77.132972   3097.659

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.442653 -280.043179   -0.538725
-588.175639   -3.582514 -369.117589
 0.25000   -2.442653 -244.680347   -0.538725
-588.175639   -3.641352 -334.526387
 0.50000   -2.442653 -209.474302   -0.538725
-588.175639   -3.781302 -299.935184
 0.75000   -2.442653 -174.868793   -0.538725
-588.175639   -4.027703 -265.343982
 1.00000   -2.442653 -143.211782   -0.538725
-588.175639   -4.350772 -230.771354

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.839140  363.658777    7.003064
 284.357854   86.955770   4459.392
 0.25000    4.839140  389.717850    7.003064
 284.357854   81.096016   4242.162
 0.50000    4.839140  418.078631    7.003064
 284.357854   75.648395   3989.087
 0.75000    4.839140  448.289249    7.003064
 284.357854   71.064098   3713.262
 1.00000    4.839140  479.877510    7.003064
 284.357854   67.246660   3404.199

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.511205 -266.036251   -1.583164
-508.785306  -16.653914 -491.075288
 0.25000   -2.511205 -233.575436   -1.583164
-508.785306  -16.755547 -444.117756
 0.50000   -2.511205 -201.312238   -1.583164
-508.785306  -17.155513 -397.160224
 0.75000   -2.511205 -169.597277   -1.583164
-508.785306  -17.864603 -350.202692
 1.00000   -2.511205 -140.592336   -1.583164
-508.785306  -18.808145 -303.262320

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.221352  342.324997    6.226395
 419.007598   74.367939   4216.330
 0.25000    5.221352  364.051374    6.226395
 419.007598   69.836423   3987.805
 0.50000    5.221352  387.696593    6.226395
 419.007598   65.779973   3729.815
 0.75000    5.221352  412.884036    6.226395
 419.007598   62.583106   3453.226
 1.00000    5.221352  439.221676    6.226395
 419.007598   60.243360   3149.476
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1907

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.671805 -232.474282   -4.202502
-452.435648  -46.014894 -536.568272
 0.25000   -2.671805 -205.409446   -4.202502
-452.435648  -43.848916 -484.193956
 0.50000   -2.671805 -178.511160   -4.202502
-452.435648  -42.376717 -431.819641
 0.75000   -2.671805 -152.069879   -4.202502
-452.435648  -41.559558 -379.445326
 1.00000   -2.671805 -127.888245   -4.202502
-452.435648  -41.436847 -327.091572

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.620216   69.618620    0.435814
367.207377    5.609830  767.829108
 0.25000    2.620216   69.625874    0.435814
367.220051    6.553059  689.300413
 0.50000    2.620216   69.633808    0.435814
367.234573    7.756140  610.755564
 0.75000    2.620216   69.642314    0.435814
367.250600    9.324191  532.211314
 1.00000    2.620216   69.651254    0.435814
367.267708   11.396878  453.680300

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.267638  -22.662089   -6.355666
-64.811002  -41.418571  -247.775797
 0.25000   -1.267638  -22.654524   -6.355666
-64.791647  -35.038283  -221.738541
 0.50000   -1.267638  -22.647161   -6.355666
-64.772780  -29.032660  -195.722629
 0.75000   -1.267638  -22.640165   -6.355666
-64.754830  -23.471910  -169.708821
 1.00000   -1.267638  -22.633682   -6.355666
-64.738205  -18.548524  -143.694777

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.850067  140.637228    1.180935
629.250472   5.735059   1608.565
 0.25000    4.850067  140.644479    1.180935
629.263101   7.211563   1450.848
 0.50000    4.850067  140.652409    1.180935
629.277576   9.170150   1293.519
 0.75000    4.850067  140.660909    1.180935
629.293553  11.758239   1136.621
 1.00000    4.850067  140.669845    1.180935
629.310607  15.190475   980.679830

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.109290  -40.830631   -9.183687
-98.239587  -80.838170  -449.599878
 0.25000   -2.109290  -40.823071   -9.183687
-98.220276  -72.270073  -402.972273
 0.50000   -2.109290  -40.815713   -9.183687
-98.201452  -64.655159  -356.423321
 0.75000   -2.109290  -40.808721   -9.183687
-98.183541  -57.823969  -309.979228
 1.00000   -2.109290  -40.802198   -9.183687
-98.166955  -51.757531  -263.533980

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.531226  220.726748    1.536531
709.132179   9.280993   2697.920
 0.25000    6.531226  220.935584    1.536531
709.496119  10.654073   2454.247
 0.50000    6.531226  221.163988    1.536531
709.913224  12.517396   2212.183
 0.75000    6.531226  221.408325    1.536531
710.373600  14.993581   1970.494
 1.00000    6.531226  221.666190    1.536531
710.865005  18.277818   1731.292
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1908

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.458008  -56.505612   -8.513721
-106.115646  -73.129074  -624.881101
 0.25000   -2.458008  -56.287861   -8.513721
-105.559284  -65.774867  -561.378148
 0.50000   -2.458008  -56.075909   -8.513721
-105.016941  -59.296602  -497.877151
 0.75000   -2.458008  -55.874536   -8.513721
-104.500929  -53.585478  -434.376591
 1.00000   -2.458008  -55.687892   -8.513721
-104.023050  -48.686894  -370.865363

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    7.725095  292.608042    3.560719
635.078363   43.076716   3582.814
 0.25000    7.725095  303.196744    3.560719
641.626063   41.986456   3321.935
 0.50000    7.725095  314.758800    3.560719
659.068854   41.350465   3044.115
 0.75000    7.725095  327.129320    3.560719
678.452351   41.370123   2751.896
 1.00000    7.725095  340.102099    3.560719
699.136617   42.188936   2448.345

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.212502 -136.695273   -7.382525
-351.336120  -62.768514 -695.939551
 0.25000   -3.212502 -125.742388   -7.382525
-326.382413  -56.626183 -628.737886
 0.50000   -3.212502 -115.068873   -7.382525
-301.944060  -51.230212 -561.547289
 0.75000   -3.212502 -104.918071   -7.382525
-278.730367  -46.502967 -494.381408
 1.00000   -3.212502  -95.515972   -7.382525
-257.325037  -42.478634 -427.189440

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.534048   89.410512    0.973080
263.044136   2.796505   1101.836
 0.25000    2.534048   89.483019    0.973080
263.170432   3.069093   1003.021
 0.50000    2.534048   89.562319    0.973080
263.315182   3.433498   905.139515
 0.75000    2.534048   89.647325    0.973080
263.474950   3.874839   807.247951
 1.00000    2.534048   89.736679    0.973080
263.645487   4.417440   710.718128

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.841209  -21.152141   -2.339621
-26.399860  -35.581803  -236.538394
 0.25000   -0.841209  -21.076540   -2.339621
-26.206752  -34.178000  -212.734067
 0.50000   -0.841209  -21.002953   -2.339621
-26.018509  -33.476202  -188.932327
 0.75000   -0.841209  -20.933038   -2.339621
-25.839405  -33.164427  -165.164684
 1.00000   -0.841209  -20.868238   -2.339621
-25.673539  -32.948685  -141.901424

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.963710  204.486299    1.858277
382.373408  19.027276   2580.897
 0.25000    4.963710  204.493552    1.858277
382.386074  18.598281   2363.789
 0.50000    4.963710  204.501486    1.858277
382.400589  18.342742   2149.212
 0.75000    4.963710  204.509990    1.858277
382.416607  18.327548   1942.605
 1.00000    4.963710  204.518930    1.858277
382.433706  18.599947   1748.476
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1909

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.601089  -50.919830   -2.324307
-90.845895  -30.967239  -472.600793
 0.25000   -1.601089  -50.912266   -2.324307
-90.826548  -30.019322  -426.867320
 0.50000   -1.601089  -50.904904   -2.324307
-90.807688  -29.618345  -381.147162
 0.75000   -1.601089  -50.897909   -2.324307
-90.789744  -29.615987  -335.426850
 1.00000   -1.601089  -50.891426   -2.324307
-90.773126  -29.826972  -289.676931

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.613794  243.265808    2.073725
633.490985  19.578902   2987.985
 0.25000    6.613794  243.272336    2.073725
633.502384  19.919932   2725.826
 0.50000    6.613794  243.279476    2.073725
633.515447  20.638990   2465.817
 0.75000    6.613794  243.287130    2.073725
633.529864  21.873434   2213.279
 1.00000    6.613794  243.295176    2.073725
633.545253  23.764602   1972.058

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.405736  -63.878180   -6.454233
-128.572947  -65.181212  -623.848687
 0.25000   -2.405736  -63.871372   -6.454233
-128.555535  -60.062856  -561.970827
 0.50000   -2.405736  -63.864746   -6.454233
-128.538561  -55.732948  -500.088370
 0.75000   -2.405736  -63.858451   -6.454233
-128.522412  -52.071844  -438.215377
 1.00000   -2.405736  -63.852616   -6.454233
-128.507455  -49.034361  -376.311595

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.146486  322.108567    4.930870
555.602046  59.789150   3999.441
 0.25000    8.146486  338.204275    4.930870
555.617717  56.779338   3740.393
 0.50000    8.146486  355.739960    4.930870
555.615374  54.300864   3454.304
 0.75000    8.146486  374.432031    4.930870
564.071677  52.259390   3143.063
 1.00000    8.146486  393.981795    4.930870
585.670833  50.901689   2809.664

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.499403 -175.790193   -5.576644
-445.296208  -55.843109 -698.704720
 0.25000   -3.499403 -159.339588   -5.576644
-417.753805  -51.252110 -631.744445
 0.50000   -3.499403 -143.280097   -5.576644
-388.869245  -47.820168 -564.816311
 0.75000   -3.499403 -127.986559   -5.576644
-361.219098  -44.959928 -497.914247
 1.00000   -3.499403 -113.820835   -5.576644
-354.073700  -42.642915 -430.988177

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    4.270467  187.466604    5.689486
 54.648487   72.505125   2410.735
 0.25000    4.270467  208.077003    5.689486
 54.648487   66.623241   2334.295
 0.50000    4.270467  230.435769    5.689486
 54.648487   60.759336   2221.230
 0.75000    4.270467  254.128920    5.689486
 54.648487   55.246989   2070.327
 1.00000    4.270467  278.723431    5.689486
 54.648487   50.109853   1882.084
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1910

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.520309 -174.075412   -0.359130
-527.959271   -2.218254 -272.629268
 0.25000   -2.520309 -153.504902   -0.359130
-532.297355   -2.481005 -247.180083
 0.50000   -2.520309 -133.343362   -0.359130
-536.635439   -2.763590 -221.951142
 0.75000   -2.520309 -114.093487   -0.359130
-540.973523   -3.038813 -196.497044
 1.00000   -2.520309  -96.267624   -0.359130
-545.311606   -3.342586 -171.069354

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    6.696883  303.175658    7.382581
145.878625  103.946602   3841.189
 0.25000    6.696883  326.957906    7.382581
145.878625   96.488252   3665.510
 0.50000    6.696883  352.775362    7.382581
145.878625   89.125396   3448.852
 0.75000    6.696883  380.170866    7.382581
145.878625   82.263837   3198.916
 1.00000    6.696883  408.669974    7.382581
145.878625   76.039914   2919.007

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.557764 -226.714038   -0.694808
-661.666089   -4.599075 -481.052073
 0.25000   -3.557764 -202.850454   -0.694808
-662.146024   -4.760112 -436.988416
 0.50000   -3.557764 -179.485575   -0.694808
-662.625959   -4.955282 -393.087273
 0.75000   -3.557764 -157.191133   -0.694808
-663.105895   -5.217219 -349.089512
 1.00000   -3.557764 -136.536436   -0.694808
-663.585830   -5.560065 -304.868211

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.083231  353.989476    7.107908
313.702854  89.956808   4509.491
 0.25000    8.083231  375.780442    7.107908
313.702854  83.648933   4262.486
 0.50000    8.083231  399.438265    7.107908
313.702854  77.516642   3978.356
 0.75000    8.083231  424.546436    7.107908
313.702854  71.852924   3662.562
 1.00000    8.083231  450.670619    7.107908
313.702854  66.804972   3318.725

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.699684 -221.759598   -1.602525
-589.228375  -17.441394 -641.160040
 0.25000   -3.699684 -199.879203   -1.602525
-589.144811  -17.464941 -580.558025
 0.50000   -3.699684 -178.459128   -1.602525
-589.061247  -17.862650 -520.094060
 0.75000   -3.699684 -158.021901   -1.602525
-588.977683  -18.527086 -459.548411
 1.00000   -3.699684 -139.086826   -1.602525
-588.894119  -19.366285 -398.802461

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.580818  348.656320    6.445531
497.376163   76.959094   4374.456
 0.25000    8.580818  366.821926    6.445531
497.376163   72.140344   4108.193
 0.50000    8.580818  386.543688    6.445531
497.376163   67.604472   3811.308
 0.75000    8.580818  407.475010    6.445531
497.376163   63.634651   3487.975
 1.00000    8.580818  429.253321    6.445531
497.376163   60.397714   3141.470
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1911

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.853023 -199.818118   -4.382113
-525.711870  -48.655750 -706.503167
 0.25000   -3.853023 -181.577472   -4.382113
-525.624802  -46.034805 -638.116901
 0.50000   -3.853023 -163.720669   -4.382113
-525.537733  -43.989428 -569.846220
 0.75000   -3.853023 -146.683574   -4.382113
-525.450665  -42.461256 -498.173159
 1.00000   -3.853023 -130.898400   -4.382113
-525.363596  -41.346749 -430.256082

 COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    5.221352  363.658777    7.230368
579.021643   99.657574   4459.392
 0.25000    5.221352  389.717850    7.230368
579.040230   92.981372   4242.162
 0.50000    5.221352  418.078631    7.230368
579.060110   86.771686   3989.087
 0.75000    5.221352  448.289249    7.230368
579.090332   81.537902   3713.262
 1.00000    5.221352  479.877510    7.230368
581.546931   77.132972   3404.199

 COMB     DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -2.671805 -280.043179   -8.369625
-588.175639  -78.032665 -536.568272
 0.25000   -2.671805 -244.680347   -8.369625
-588.175639  -70.376727 -484.193956
 0.50000   -2.671805 -209.474302   -8.369625
-588.175639  -63.511102 -431.819641
 0.75000   -2.671805 -174.868793   -8.369625
-588.175639  -57.638228 -379.445326
 1.00000   -2.671805 -143.211782   -8.369625
-588.175639  -52.348927 -327.091572

 COMB     DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.580818  353.989476    7.382581
709.132179  103.946602   4509.491
 0.25000    8.580818  375.780442    7.382581
709.496119   96.488252   4262.486
 0.50000    8.580818  399.438265    7.382581
709.913224   89.125396   3978.356
 0.75000    8.580818  424.546436    7.382581
710.373600   82.263837   3662.562
 1.00000    8.580818  450.670619    7.382581
710.865005   76.039914   3318.725

 COMB     DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.853023 -226.714208   -9.183687
-661.666089  -80.838170 -706.503167
 0.25000   -3.853023 -202.850454   -9.183687
-662.146024  -72.270073 -638.116901
 0.50000   -3.853023 -179.485575   -9.183687
-662.625959  -64.655159 -569.846220
 0.75000   -3.853023 -158.021901   -9.183687
-663.105895  -57.823969 -498.173159
 1.00000   -3.853023 -139.086826   -9.183687
-663.585830  -51.757531 -430.988177

 COMB     CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.580818  363.658777    7.382581
709.132179  103.946602   4509.491
 0.25000    8.580818  389.717850    7.382581
709.496119   96.488252   4262.486
 0.50000    8.580818  418.078631    7.382581
709.913224   89.125396   3989.087
 0.75000    8.580818  448.289249    7.382581
710.373600   82.263837   3713.262
 1.00000    8.580818  479.877510    7.382581
710.865005   77.132972   3404.199
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       1912

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB     CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.853023 -280.043179   -9.183687
-661.666089  -80.838170 -706.503167
 0.25000   -3.853023 -244.680347   -9.183687
-662.146024  -72.270073 -638.116901
 0.50000   -3.853023 -209.474302   -9.183687
-662.625959  -64.655159 -569.846220
 0.75000   -3.853023 -174.868793   -9.183687
-663.105895  -57.823969 -498.173159
 1.00000   -3.853023 -143.211782   -9.183687
-663.585830  -52.348927 -430.988177

 COMB  DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    8.580818  363.658777    7.382581
709.132179  103.946602   4509.491
 0.25000    8.580818  389.717850    7.382581
709.496119   96.488252   4262.486
 0.50000    8.580818  418.078631    7.382581
709.913224   89.125396   3989.087
 0.75000    8.580818  448.289249    7.382581
710.373600   82.263837   3713.262
 1.00000    8.580818  479.877510    7.382581
710.865005   77.132972   3404.199

 COMB  DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -3.853023 -280.043179   -9.183687
-661.666089  -80.838170 -706.503167
 0.25000   -3.853023 -244.680347   -9.183687
-662.146024  -72.270073 -638.116901
```

```
 0.50000    -3.853023  -209.474302    -9.183687
-662.625959   -64.655159  -569.846220
 0.75000    -3.853023  -174.868793    -9.183687
-663.105895   -57.823969  -498.173159
 1.00000    -3.853023  -143.211782    -9.183687
-663.585830   -52.348927  -430.988177

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 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.128956   56.222381    0.597993
323.217307    8.689120  364.739421
 0.25000    1.128956   56.236272    0.597993
323.239614    8.237732  295.541185
 0.50000    1.128956   56.251490    0.597993
323.263844    7.882793  226.322612
 0.75000    1.128956   56.267907    0.597993
323.297746    7.677746  157.138185
 1.00000    1.128956   56.286748    0.597993
323.341571    7.811290   88.019070

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.647791  -15.429184   -3.791045
-49.049426  -17.941576 -107.709081
 0.25000   -0.647791  -15.411010   -3.791045
-49.003293  -13.332201  -88.802534
 0.50000   -0.647791  -15.393632   -3.791045
-48.961074   -8.762032  -69.895995
 0.75000   -0.647791  -15.378422   -3.791045
-48.930295   -4.277831  -50.997807
 1.00000   -0.647791  -15.368355   -3.791045
-48.898028   -2.927648  -32.183851

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.172814  121.736878    0.721912
564.902669   12.263662  819.723453
 0.25000    2.172814  121.750765    0.721912
564.924660   11.700167  670.000549
 0.50000    2.172814  121.765979    0.721912
564.948850   11.240666  520.386342
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1913

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.75000    2.172814  121.782392    0.721912
564.982446   11.005961  371.083913
 1.00000    2.172814  121.801224    0.721912
565.026201   11.257536  222.581059

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.060404  -27.921142   -8.730272
-74.865079  -53.330007 -198.752345
 0.25000   -1.060404  -27.902977   -8.730272
-74.819020  -43.314737 -164.458087
 0.50000   -1.060404  -27.885604   -8.730272
-74.776858  -33.070499 -130.166831
 0.75000   -1.060404  -27.870396   -8.730272
-74.746419  -23.000463  -95.888802
 1.00000   -1.060404  -27.860335   -8.730272
-74.714208  -14.587430  -61.707892

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.063849  209.041346    0.642888
669.310142   13.945183   1491.892
 0.25000    3.063849  209.053845    0.642888
669.329991   13.424494   1234.536
 0.50000    3.063849  209.067538    0.642888
669.351769   13.024675  977.740739
 0.75000    3.063849  209.082310    0.642888
669.382060   12.330986  721.350978
 1.00000    3.063849  209.099261    0.642888
669.421452   13.114779  467.319296

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.194802  -38.077768   -8.557500
-65.928883  -51.342808 -278.177095
 0.25000   -1.194802  -38.061418   -8.557500
-65.887417  -41.085097 -231.355820
 0.50000   -1.194802  -38.045781   -8.557500
-65.849461  -31.021833 -184.536508
 0.75000   -1.194802  -38.032094   -8.557500
-65.822004  -21.193846 -137.727708
 1.00000   -1.194802  -38.023038   -8.557500
-65.793004  -12.781656  -91.009680

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.500015  320.124719    3.950933
601.519398   38.331584   2345.191
 0.25000    3.500015  333.298190    3.950933
601.519398   33.742915   2024.132
 0.50000    3.500015  347.765127    3.950933
618.162829   29.248793   1679.475
 0.75000    3.500015  363.398793    3.950933
639.156423   24.932117   1309.854
 1.00000    3.500015  381.041743    3.950933
663.656433   21.020731   916.304476

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.543429  -109.058782   -7.290209
-294.890771  -43.607029 -316.654992
 0.25000   -1.543429   -92.097627   -7.290209
-264.660680  -35.138752 -264.610843
 0.50000   -1.543429   -75.575100   -7.290209
-241.680038  -26.875171 -212.570712
 0.75000   -1.543429   -60.915911   -7.290209
-216.745837  -18.818031 -160.540336
 1.00000   -1.543429   -51.588000   -7.290209
-202.487218  -11.941882 -108.593381

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.253996   89.119631    0.156903
254.698669   3.246875   640.058887
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1914

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2         M3
 0.25000    1.253996   89.272412    0.156903
254.942656   3.228342   531.255109
 0.50000    1.253996   89.439788    0.156903
255.209009   3.230065   422.172807
 0.75000    1.253996   89.620358    0.156903
255.580582   3.273913   313.333572
 1.00000    1.253996   89.827574    0.156903
256.062350   3.449575   204.530874

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.386976  -15.457399   -4.952901
-21.345368  -36.380978 -108.993198
 0.25000   -0.386976  -15.257529   -4.952901
-20.838237  -30.582491  -90.899261
 0.50000   -0.386976  -15.066393   -4.952901
-20.374078  -24.932696  -72.808312
 0.75000   -0.386976  -14.899089   -4.952901
-20.037000  -19.350157  -54.722309
 1.00000   -0.386976  -14.788380   -4.952901
-19.682310  -13.928568  -36.695457

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.455450  220.952770    1.448952
395.387555   16.352401   1637.901
 0.25000    2.455450  220.966658    1.448952
395.409672   14.681831   1369.819
 0.50000    2.455450  220.981873    1.448952
395.433878   13.036520   1102.740
 0.75000    2.455450  220.998288    1.448952
395.467596   11.454619   843.008162
 1.00000    2.455450  221.017124    1.448952
395.511379   10.011455  596.967401

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.756410  -28.741681   -4.780629
-57.821450  -33.263753  -218.097941
 0.25000   -0.756410  -28.723513   -4.780629
-57.775362  -27.667403  -182.768510
 0.50000   -0.756410  -28.706138   -4.780629
-57.733177  -22.264202  -147.444595
 0.75000   -0.756410  -28.690923   -4.780629
-57.702602  -17.030547  -112.126800
 1.00000   -0.756410  -28.680865   -4.780629
-57.670368  -11.932462   -76.817924

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.152917  247.824316    1.631129
612.682209   20.426200   1798.434
 0.25000    3.152917  247.836816    1.631129
612.702114   18.649642   1495.051
 0.50000    3.152917  247.850510    1.631129
612.723900   16.941006   1194.233
 0.75000    3.152917  247.865283    1.631129
612.754246   15.409386   900.251801
 1.00000    3.152917  247.882235    1.631129
612.793651   14.224657   618.627505

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.171238  -38.176950   -7.993535
-88.097596  -51.315069  -283.376937
 0.25000   -1.171238  -38.160599   -7.993535
-88.056116  -41.837954  -236.428221
 0.50000   -1.171238  -38.144961   -7.993535
-88.018150  -32.630869  -189.484051
 0.75000   -1.171238  -38.131273   -7.993535
-87.990632  -23.793170  -142.546551
 1.00000   -1.171238  -38.122216   -7.993535
-87.961622  -15.811252   -95.671892
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1915

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.615067  370.976377    5.456182
530.820897   47.602318   2764.528
 0.25000    3.615067  391.574878    5.456182
530.820897   41.124503   2424.887
 0.50000    3.615067  414.268180    5.456182
530.820897   34.725250   2047.094
 0.75000    3.615067  438.846130    5.456182
530.820897   28.557377   1671.518
 1.00000    3.615067  465.969339    5.456182
554.635389   22.598746   1161.060

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.664423  -147.751115   -6.796769
-378.587285  -43.218111  -322.353909
 0.25000   -1.664423  -121.793966   -6.796769
-353.714455  -35.568339  -270.141330
 0.50000   -1.664423   -95.672046   -6.796769
-324.924615  -28.126261  -218.928022
 0.75000   -1.664423   -72.467534   -6.796769
-317.227669  -21.002021  -165.727768
 1.00000   -1.664423   -58.332906   -6.796769
-317.227669  -14.586439  -113.583798

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.548999  259.119493    6.977625
42.548214   50.818674   2034.104
 0.25000    1.548999  286.409061    6.977625
42.548214   42.256780   1878.555
 0.50000    1.548999  316.671031    6.977625
42.548214   33.694927   1670.998
 0.75000    1.548999  349.578714    6.977625
42.548214   25.164593   1401.044
 1.00000    1.548999  384.382836    6.977625
42.548214   16.863072   1060.259

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.171853  -158.168505   -0.294663
-512.878607   -1.292588 -132.396351
 0.25000   -1.171853  -125.160985   -0.294663
-512.878607   -1.504039 -112.385437
 0.50000   -1.171853   -90.584385   -0.294663
-512.878607   -1.863220  -92.374530
 0.75000   -1.171853   -58.356537   -0.294663
-512.878607   -2.222232  -72.352954
 1.00000   -1.171853   -40.756358   -0.294663
-512.878607   -2.581489  -52.373071

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    2.635767  400.413105   10.041228
139.044472   75.846409   3099.484
 0.25000    2.635767  432.694639   10.041228
139.044472   63.520156   2798.970
 0.50000    2.635767  468.409871   10.041228
139.044472   51.194478   2439.629
 0.75000    2.635767  507.205682   10.041228
139.044472   38.950758   2014.552
 1.00000    2.635767  548.734523   10.041228
139.044472   26.920092   1520.523

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.666241  -195.759321   -0.540491
-601.877615   -2.625087  -231.118244
 0.25000   -1.666241  -156.268051   -0.540491
-601.877615   -2.868953  -195.710560
 0.50000   -1.666241  -115.462507   -0.540491
-601.877615   -3.199912  -160.306957
 0.75000   -1.666241   -77.769116   -0.540491
-601.877615   -3.549294  -124.892639
 1.00000   -1.666241   -56.565897   -0.540491
-601.877615   -3.911714   -89.528016

 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1916

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.460712  443.626921    8.229180
317.442319   64.782387   3405.072
 0.25000    3.460712  473.206957    8.229180
317.442319   54.760112   3034.320
 0.50000    3.460712  505.925652    8.229180
317.442319   44.745311   2609.262
 0.75000    3.460712  541.462543    8.229180
317.442319   34.849332   2122.664
 1.00000    3.460712  579.549434    8.229180
317.442319   25.205279   1570.745

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.718951  -191.523001   -2.891596
-532.842805  -18.213797  -303.547042
 0.25000   -1.718951  -155.294986   -2.891596
-532.842805  -15.957351  -256.036383
 0.50000   -1.718951  -117.913222   -2.891596
-532.842805  -12.998363  -208.528607
 0.75000   -1.718951   -83.414326   -2.891596
-532.842805  -10.563563  -161.011769
 1.00000   -1.718951   -63.949731   -2.891596
-532.842805   -8.246634  -113.542429

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.715522  416.005099    7.057018
476.958937   57.665184   3149.267
 0.25000    3.715522  440.666290    7.057018
476.958937   49.173619   2783.271
 0.50000    3.715522  467.943959    7.057018
476.958937   40.714472   2372.057
 0.75000    3.715522  497.571035    7.057018
476.958937   32.426048   1909.543
 1.00000    3.715522  529.249494    7.057018
476.958937   24.521433   1392.581

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.821223  -170.022662   -6.241515
-469.967889  -41.407054  -327.205844
 0.25000   -1.821223  -139.817595   -6.241515
-469.967889  -34.661791  -274.850561
 0.50000   -1.821223  -108.652318   -6.241515
-469.967889  -28.136012  -222.499110
 0.75000   -1.821223   -79.891556   -6.241515
-469.967889  -22.068853  -170.142563
 1.00000   -1.821223   -63.662524   -6.241515
-469.967889  -16.241600  -117.856439

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.797331  75.681560    0.775369
416.336354   10.481390  451.900880
 0.25000    1.797331  75.689747    0.775369
416.350122    9.745095  366.566675
 0.50000    1.797331  75.698767    0.775369
416.365940    9.307274  281.232245
 0.75000    1.797331  75.708517    0.775369
416.383478    9.286500  195.888266
 1.00000    1.797331  75.718876    0.775369
416.402359   10.111188  110.598022

 COMB DL-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.853545  -21.641473   -3.657573
-61.254105  -18.749845 -143.383071
 0.25000   -0.853545  -21.633872   -3.657573
-61.233560  -14.480465 -118.490326
 0.50000   -0.853545  -21.626447   -3.657573
-61.213536  -10.323334  -93.598195
 0.75000   -0.853545  -21.619358   -3.657573
-61.194482   -6.465616  -68.713610
 1.00000   -0.853545  -21.612736   -3.657573
-61.176753   -4.156554  -43.865268
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1917

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.352325  159.580602    0.675058
724.780477   13.164185  977.653759
 0.25000    3.352325  159.588786    0.675058
724.794201   12.749499  798.179790
 0.50000    3.352325  159.597803    0.675058
724.809970   12.532671  618.780037
 0.75000    3.352325  159.607549    0.675058
724.827457   12.656600  439.382847
 1.00000    3.352325  159.617905    0.675058
724.846285   13.639061  260.915989

 COMB DL-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.422451  -39.091902   -8.475342
-92.390917  -52.361947 -263.084091
 0.25000   -1.422451  -39.084305   -8.475342
-92.370415  -42.355584 -218.280319
 0.50000   -1.422451  -39.076684   -8.475342
-92.350433  -32.567119 -173.596653
 0.75000   -1.422451  -39.069799   -8.475342
-92.331418  -23.290862 -130.121734
 1.00000   -1.422451  -39.063181   -8.475342
-92.313724  -15.281671  -86.563931

 COMB DL-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.555484  266.599155    0.797106
828.657271   15.276069   1727.989
 0.25000    4.555484  266.834867    0.797106
829.052741   14.874302   1430.801
 0.50000    4.555484  267.094569    0.797106
829.507129   14.669840   1133.211
 0.75000    4.555484  267.375268    0.797106
830.010995   14.820391   835.268080
 1.00000    4.555484  267.673539    0.797106
830.553494   15.796526   537.698678

 COMB DL-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.670751  -54.822781   -8.125115
-86.800660  -49.484461 -370.473274
 0.25000   -1.670751  -54.603978   -8.125115
-86.210007  -40.019632 -308.531088
 0.50000   -1.670751  -54.390238   -8.125115
-85.634319  -30.738243 -246.932301
 0.75000   -1.670751  -54.186165   -8.125115
-85.086498  -21.964470 -185.668881
 1.00000   -1.670751  -53.995550   -8.125115
-84.576752  -14.316200 -124.590028

 COMB DL-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.419416  357.785740    4.020806
734.364654   38.396379   2446.262
 0.25000    5.419416  369.844569    4.020806
740.475953   34.182461   2091.390
 0.50000    5.419416  383.124735    4.020806
759.777279   30.150195   1716.150
 0.75000    5.419416  397.465745    4.020806
781.403783   26.463500   1320.558
 1.00000    5.419416  412.690234    4.020806
804.813208   23.515448   909.394319

 COMB DL-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.188941  -114.434900   -7.012565
-340.422291  -42.423580 -426.632535
 0.25000   -2.188941  -103.439013   -7.012565
-313.711857  -34.607301 -359.778903
 0.50000   -2.188941  -92.672157   -7.012565
-287.461976  -26.985346 -292.990598
 0.75000   -2.188941  -82.375744   -7.012565
-262.376860  -19.818931 -226.421455
 1.00000   -2.188941  -72.747646   -7.012565
-239.094865  -13.627707 -160.096879
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1918

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    1.777871  109.588447    0.180631
315.558603   3.455597  709.474881
 0.25000    1.777871  109.670286    0.180631
315.695544   3.426132  587.093099
 0.50000    1.777871  109.760455    0.180631
315.853537   3.446826  464.782926
 0.75000    1.777871  109.857914    0.180631
316.028406   3.568771  342.390935
 1.00000    1.777871  109.961474    0.180631
316.216685   3.877622  220.181252

 COMB DL-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -0.570874  -20.647031   -4.717950
-24.884636  -33.438778 -141.825207
 0.25000   -0.570874  -20.571066   -4.717950
-24.679622  -27.813571 -118.908070
 0.50000   -0.570874  -20.496858   -4.717950
-24.479799  -22.292802  -96.335789
 0.75000   -0.570874  -20.426006   -4.717950
-24.289648  -17.061712  -74.088336
 1.00000   -0.570874  -20.359826   -4.717950
-24.112712  -12.220606  -52.026030

 COMB DL-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.508595  259.083464    1.503994
457.401863   16.332086   1746.985
 0.25000    3.508595  259.091650    1.503994
457.415624   14.793458   1461.320
 0.50000    3.508595  259.100670    1.503994
457.431434   13.333339   1177.012
 0.75000    3.508595  259.110418    1.503994
457.448964   11.988615   895.698529
 1.00000    3.508595  259.120778    1.503994
457.467836   10.875961   625.634610

 COMB DL-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.100747  -42.037474   -4.427188
-63.521125  -30.248492  -289.608931
 0.25000   -1.100747  -42.029474   -4.427188
-63.500587  -25.171477  -243.829959
 0.50000   -1.100747  -42.022049   -4.427188
-63.480570  -20.220606  -198.351479
 0.75000   -1.100747  -42.014961   -4.427188
-63.461523  -15.337307  -153.173148
 1.00000   -1.100747  -42.008340   -4.427188
-63.443799  -11.295987  -108.156727

 COMB DL-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    4.637708  298.982607    1.653363
743.231638   20.815170   1969.313
 0.25000    4.637708  298.989975    1.653363
743.244022   19.237657   1637.945
 0.50000    4.637708  298.998093    1.653363
743.258252   17.804740   1307.860
 0.75000    4.637708  299.006867    1.653363
743.274028   16.631717   980.463417
 1.00000    4.637708  299.016190    1.653363
743.291013   16.035639   663.250906

 COMB DL-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -1.640539  -55.110424   -7.701166
-102.061370  -49.647511  -376.024352
 0.25000   -1.640539  -55.103583   -7.701166
-102.042885  -40.651617  -314.918740
 0.50000   -1.640539  -55.096901   -7.701166
-102.024870  -31.822335  -254.008611
 0.75000   -1.640539  -55.090522   -7.701166
-102.007728  -23.489548  -193.289205
 1.00000   -1.640539  -55.084563   -7.701166
-101.991777  -16.036694  -132.698372
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                   1919

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    5.739394  398.208477    5.452144
644.638474   46.772227   2808.667
 0.25000    5.739394  416.790753    5.452144
644.646300   40.843600   2432.448
 0.50000    5.739394  437.235752    5.452144
644.653705   35.042083   2024.789
 0.75000    5.739394  459.287651    5.452144
656.819246   29.534835   1584.557
 1.00000    5.739394  482.664828    5.452144
682.880647   24.558245   1115.201

 COMB DL-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000   -2.387496  -143.594391   -6.644417
-461.881932  -42.159611  -430.909994
 0.25000   -2.387496  -127.115550   -6.644417
-431.910240  -34.945807  -363.589949
 0.50000   -2.387496  -110.912414   -6.644417
-400.100521  -27.870383  -296.766766
 0.75000   -2.387496   -95.367191   -6.644417
-383.489917  -21.232124  -229.709008
 1.00000   -2.387496   -80.829383   -6.644417
-376.834885  -15.364583  -162.991114

 COMB DL-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2         M3
 0.00000    3.041971  236.491655    6.747066
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 51.983308    47.485513    1884.575
 0.25000     3.041971   260.900986     6.747066
 51.983308    39.872939    1710.710
 0.50000     3.041971   287.742654     6.747066
 51.983308    32.309500    1495.439
 0.75000     3.041971   316.618947     6.747066
 51.983308    24.838621    1235.745
 1.00000     3.041971   347.161190     6.747066
 51.983308    17.418274    930.104268

 COMB DL-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -1.719259  -132.218865    -0.434473
-619.869341    -2.179293  -171.396420
 0.25000    -1.719259  -111.668026    -0.434473
-624.208345    -2.339296  -145.253835
 0.50000    -1.719259   -91.336335    -0.434473
-628.547349    -2.533050  -119.255511
 0.75000    -1.719259   -71.712550    -0.434473
-632.884644    -3.000262   -93.164641
 1.00000    -1.719259   -53.313055    -0.434473
-637.224828    -3.523879   -67.153953

 COMB DL-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     4.767195   383.664922     9.809566
150.475660    72.280616    2921.729
 0.25000     4.767195   411.664055     9.809566
150.475660    61.089321    2917.592
 0.50000     4.767195   442.454198     9.809566
150.475660    49.967637    2234.051
 0.75000     4.767195   475.593989     9.809566
150.475660    38.982636    1820.322
 1.00000     4.767195   510.649605     9.809566
150.475660    28.091012    1368.780

 COMB DL-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.431995  -168.358379    -0.732486
-732.218317    -3.377208  -305.251521
 0.25000    -2.431995  -144.504326    -0.732486
-732.698354    -3.676208  -259.774944
 0.50000    -2.431995  -120.943489    -0.732486
-733.178391    -4.090789  -214.242506
 0.75000    -2.431995   -98.232782    -0.732486
-733.656867    -4.577747   -168.712088
 1.00000    -2.431995   -76.941530    -0.732486
-734.138407    -5.158535  -123.269655
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1920

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 COMB DL-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     5.743144   448.399889     8.189781
363.693240    62.364034    3320.278
 0.25000     5.743144   474.035388     8.189781
363.693240    53.224983    2917.150
 0.50000     5.743144   502.226308     8.189781
363.693240    44.171904    2471.965
 0.75000     5.743144   532.570450     8.189781
363.693240    35.303602    1983.010
 1.00000     5.743144   564.671267     8.189781
363.693240    26.630755    1456.658

 COMB DL-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.533367  -170.769937    -2.868148
-654.999112   -17.940049  -399.114763
 0.25000    -2.533367  -148.897586    -2.868148
-654.915531   -15.616937  -337.585086
 0.50000    -2.533367  -127.297990    -2.868148
-654.831949   -13.400395  -275.997083
 0.75000    -2.533367  -106.479810    -2.868148
-654.746984   -11.408448  -214.404308
 1.00000    -2.533367   -86.965672    -2.868148
-654.664796    -9.695309  -152.889278

 COMB DL-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     6.064813   434.957079     7.016668
576.643482    55.988995    3141.619
 0.25000     6.064813   456.326962     7.016668
576.643482    48.258363    2736.696
 0.50000     6.064813   479.827057     7.016668
576.643482    40.654408    2296.692
 0.75000     6.064813   505.122154     7.016668
576.643482    33.310005    1820.233
 1.00000     6.064813   531.881708     7.016668
576.643482    26.363249    1312.685

 COMB DL-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.630358  -156.819847    -6.205885
-578.049449   -40.418783  -430.352749
 0.25000    -2.630358  -138.585884    -6.205885
-577.962362   -33.944410  -362.383814
 0.50000    -2.630358  -120.579429    -6.205885
-577.875275   -27.665292  -294.547528
 0.75000    -2.630358  -103.224505    -6.205885
-577.787036   -21.901200  -226.901521
 1.00000    -2.630358   -86.956708    -6.205885
-577.701112   -16.723276  -159.443843

 COMB       DB ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     3.715522   443.626921    10.041228
669.310142    75.846409    3405.072
 0.25000     3.715522   473.206957    10.041228
669.329991    63.520156    3034.320
 0.50000     3.715522   505.925652    10.041228
669.351769    51.194478    2609.262
 0.75000     3.715522   541.462543    10.041228
669.382060    38.950758    2122.664
 1.00000     3.715522   579.549434    10.041228
669.421452    26.920092    1570.745

 COMB       DB ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -1.821223  -195.759321    -8.730272
-601.877615   -53.809007  -327.205844
 0.25000    -1.821223  -156.268051    -8.730272
-601.877615   -43.314737  -274.850561
 0.50000    -1.821223  -117.913222    -8.730272
-601.877615   -33.070499  -222.499110
 0.75000    -1.821223   -83.414326    -8.730272
-601.877615   -23.793170  -170.142563
 1.00000    -1.821223   -63.949731    -8.730272
-601.877615   -16.241600  -117.856439
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1921

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 COMB       DL ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     6.064813   448.399889     9.809566
828.657271    72.280616    3320.278
 0.25000     6.064813   474.035388     9.809566
829.052741    61.089321    2917.150
 0.50000     6.064813   502.226308     9.809566
829.507129    49.967637    2471.965
 0.75000     6.064813   532.570450     9.809566
830.010995    38.982636    1983.010
 1.00000     6.064813   564.671267     9.809566
830.553494    28.091012    1456.658

 COMB       DL ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.630358  -170.769937    -8.475342
-732.218317   -52.361947  -430.909994
 0.25000    -2.630358  -148.897586    -8.475342
-732.698354   -42.355584  -363.589949
 0.50000    -2.630358  -127.297990    -8.475342
-733.178391   -32.571919  -296.530766
 0.75000    -2.630358  -106.479810    -8.475342
-733.656867   -23.489548  -229.709008
 1.00000    -2.630358   -86.965672    -8.475342
-734.138407   -16.723276  -162.991114

 COMB       CAR ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     6.064813   448.399889    10.041228
828.657271    75.846409    3405.072
 0.25000     6.064813   474.035388    10.041228
829.052741    63.520156    3034.320
 0.50000     6.064813   505.925652    10.041228
829.507129    51.194478    2609.262
 0.75000     6.064813   541.462543    10.041228
830.010995    38.982636    2122.664
 1.00000     6.064813   579.549434    10.041228
830.553494    28.091012    1570.745

 COMB       CAR ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.630358  -195.759321    -8.730272
-732.218317   -53.809007  -430.909994
 0.25000    -2.630358  -156.268051    -8.730272
-732.698354   -43.314737  -363.589949
 0.50000    -2.630358  -127.297990    -8.730272
-733.178391   -33.070499  -296.530766
 0.75000    -2.630358  -106.479810    -8.730272
-733.656867   -23.793170  -229.709008
 1.00000    -2.630358   -86.965672    -8.730272
-734.138407   -16.723276  -162.991114

 COMB    DESIGN ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     6.064813   448.399889    10.041228
828.657271    75.846409    3405.072
 0.25000     6.064813   474.035388    10.041228
829.052741    63.520156    3034.320
 0.50000     6.064813   505.925652    10.041228
829.507129    51.194478    2609.262
 0.75000     6.064813   541.462543    10.041228
830.010995    38.982636    2122.664
 1.00000     6.064813   579.549434    10.041228
830.553494    28.091012    1570.745

 COMB    DESIGN ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -2.630358  -195.759321    -8.730272
-732.218317   -53.809007  -430.909994
 0.25000    -2.630358  -156.268051    -8.730272
-732.698354   -43.314737  -363.589949
 0.50000    -2.630358  -127.297990    -8.730272
-733.178391   -33.070499  -296.530766
 0.75000    -2.630358  -106.479810    -8.730272
-733.656867   -23.793170  -229.709008
 1.00000    -2.630358   -86.965672    -8.730272
-734.138407   -16.723276  -162.991114
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1922

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 ELEM      165 ================== LENGTH
 =     2.734364

 COMB DB-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     0.511115   31.678181     2.044636
251.904974    6.609614    86.946493
 0.25000     0.511115   31.687776     2.044636
251.904335    5.214725    65.311289
 0.50000     0.511115   31.697987     2.044636
251.925153    3.825750    43.663811
 0.75000     0.511115   31.708640     2.044636
251.947915    2.454866    22.002677
 1.00000     0.511115   31.719725     2.044636
251.971700    1.251945    0.327224

 COMB DB-G1-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.292249  -11.716608    -0.698347
-34.788129    -2.123492   -32.021929
 0.25000    -0.292249  -11.710242    -0.698347
-34.771660    -1.765007   -24.030873
 0.50000    -0.292249  -11.703612    -0.698347
-34.754080    -1.406524   -16.039817
 0.75000    -0.292249  -11.696781    -0.698347
-34.735425    -1.048901   -8.048762
 1.00000    -0.292249  -11.689821    -0.698347
-34.715999    -0.716390   -0.060005

 COMB DB-G1-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     0.983203   80.515972     2.657511
442.518458    9.067882   220.723504
 0.25000     0.983203   80.525565     2.657511
442.533095    7.270870   165.703224
 0.50000     0.983203   80.535773     2.657511
442.549700    5.481441   110.670673
 0.75000     0.983203   80.546423     2.657511
442.576429    3.735250    55.624470
 1.00000     0.983203   80.557506     2.657511
442.600182    2.403766    0.566100

 COMB DB-G1-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.478436  -22.482280    -5.968300
-53.586109   -14.914100   -61.478447
 0.25000    -0.478436  -22.475919    -5.968300
-53.569668   -10.854527   -46.128063
 0.50000    -0.478436  -22.469293    -5.968300
-53.552117    -7.258973   -30.777679
 0.75000    -0.478436  -22.462466    -5.968300
-53.533492    -3.851192   -15.427309
 1.00000    -0.478436  -22.455512    -5.968300
-53.514096    -1.172039   -0.091727

 COMB DB-G1-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.391109   169.870273     2.534781
530.566049    9.744097   465.141977
 0.25000     1.391109   169.878907     2.534781
530.579227    8.036859   349.037938
 0.50000     1.391109   169.888095     2.534781
530.597810    6.337085   232.922853
 0.75000     1.391109   169.897680     2.534781
530.618272    4.682081   116.795482
 1.00000     1.391109   169.907655     2.534781
530.639655    3.403034    0.666060

 COMB DB-G1-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.540529  -33.223558    -5.888765
-46.661390   -14.081279   -90.827773
 0.25000    -0.540529  -33.217832    -5.888765
-46.646588   -10.071355   -68.132921
 0.50000    -0.540529  -33.211867    -5.888765
-46.630786    -6.402655   -45.438070
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1923

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.75000    -0.540529  -33.205723    -5.888765
-46.614019    -3.111660   -22.743218
 1.00000    -0.540529   -33.199463    -5.888765
-46.596557    -1.323966    -0.087631

 COMB DB-G1-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.596413   334.211733     5.341536
495.469739   17.521936   914.402165
 0.25000     1.596413   343.345052     5.341536
507.822694   13.896614   704.699226
 0.50000     1.596413   353.066678     5.341536
520.845452   10.294705   483.316458
 0.75000     1.596413   363.207291     5.341536
534.394991    6.755373   248.930986
 1.00000     1.596413   373.757842     5.341536
551.048438    3.909506    0.716897

 COMB DB-G1-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.698375   -63.472395    -5.197590
-228.404593   -18.804119   -108.537493
 0.25000    -0.698375   -57.634888    -5.197590
-214.639138    -8.974353   -81.398220
 0.50000    -0.698375   -51.550434    -5.197590
-199.854013    -5.932262   -54.264292
 0.75000    -0.698375   -45.282817    -5.197590
-184.091307    -3.200398   -27.127691
 1.00000    -0.698375   -39.068534    -5.197590
-167.645517    -1.709590    -0.315363

 COMB DB-G2-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     0.568625   74.410154     0.429135
203.026068    2.185044   203.709198
 0.25000     0.568625   74.515692     0.429135
203.187240    1.907273   153.059920
 0.50000     0.568625   74.627998     0.429135
203.415299    1.639795   102.275637
 0.75000     0.568625   74.748164     0.429135
203.665534    1.407074    51.341160
 1.00000     0.568625   74.867095     0.429135
203.927032    1.388184    0.251296

 COMB DB-G2-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.174620  -13.696338    -5.634929
-15.078144   -14.719940   -36.650315
 0.25000    -0.174620  -13.626332    -5.634929
-14.897109   -10.869700   -27.488695
 0.50000    -0.174620  -13.553412    -5.634929
-14.703948    -7.013467   -18.327675
 0.75000    -0.174620  -13.478293    -5.634929
-14.498781    -3.175031    -9.166355
 1.00000    -0.174620  -13.401758    -5.634929
-14.285223    -0.426879    -0.027508

 COMB DB-G2-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.119396   217.737773     2.076240
334.527959    7.621500   595.769627
 0.25000     1.119396   217.747366     2.076240
334.542607    6.221120   446.945770
 0.50000     1.119396   217.757576     2.076240
334.563297    4.844852   298.109642
 0.75000     1.119396   217.768227     2.076240
334.586039    3.523713   149.259859
 1.00000     1.119396   217.779311     2.076240
334.609805    2.738803    0.411647

 COMB DB-G2-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.343337  -28.139227    -5.224891
-55.963720   -13.035831   -76.838148
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1924

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
 0.25000    -0.343337  -28.132864    -5.224891
-55.947268    -9.524628   -57.620732
 0.50000    -0.343337  -28.126236    -5.224891
-55.929704    -6.032469   -38.403316
 0.75000    -0.343337  -28.119408    -5.224891
-55.911068    -2.605426   -19.185899
 1.00000    -0.343337  -28.112451    -5.224891
-55.891659    -0.840006    -0.097781

 COMB DB-G2-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.433789   225.312999     3.139389
501.454796   11.130958   616.700323
 0.25000     1.433789   225.321633     3.139389
501.467979    9.003623   462.696140
 0.50000     1.433789   225.330821     3.139389
501.486600    6.904009   308.680911
 0.75000     1.433789   225.340407     3.139389
501.507068    4.872539   154.653395
 1.00000     1.433789   225.350383     3.139389
501.528457    3.507230    0.627864

 COMB DB-G2-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.530290  -34.973040    -6.836409
-75.971103   -17.140776   -95.575022
 0.25000    -0.530290  -34.967313    -6.836409
-75.956296   -12.555667   -71.684243
 0.50000    -0.530290  -34.961347    -6.836409
-75.940489    -7.988771   -47.793464
 0.75000    -0.530290  -34.955202    -6.836409
-75.923716    -3.476867   -23.902685
 1.00000    -0.530290  -34.948941    -6.836409
-75.906249    -1.298327    -0.130389

 COMB DB-G2-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.652941   424.020372     5.809421
429.238632   18.966682    1159.747
 0.25000     1.652941   438.370483     5.809421
429.238632   15.018320   899.360636
 0.50000     1.652941   453.650365     5.809421
440.251818   11.089204   620.630876
 0.75000     1.652941   469.585074     5.809421
458.066997    7.225451   321.461584
 1.00000     1.652941   486.159099     5.809421
476.348690    4.047470    0.619674

 COMB DB-G2-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.753254  -71.681589    -6.065795
-283.322064   -14.836249   -113.620244
 0.25000    -0.753254   -62.965072    -6.065795
-265.613085   -11.061913    -85.202823
 0.50000    -0.753254   -53.871204    -6.065795
-252.175518    -7.302910    -56.788248
 0.75000    -0.753254   -44.504155    -6.065795
-252.175518    -3.594355    -28.369401
 1.00000    -0.753254   -41.572884    -6.065795
-252.175518    -1.843224    -0.480896

 COMB DB-G3-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     0.720312   388.346769     5.029642
30.702008    15.232856    1061.338
 0.25000     0.720312   407.524916     5.029642
30.702008    11.800526    835.255495
 0.50000     0.720312   427.976164     5.029642
30.702008     8.372973    584.680359
 0.75000     0.720312   449.294658     5.029642
30.702008     4.945481    306.741522
 1.00000     0.720312   471.455891     5.029642
30.702008     1.767788    0.105362
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1925

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.529891  -41.559473    -0.712184
-394.527509    -1.088820    -52.566326
 0.25000    -0.529891   -31.029775    -0.712184
-394.527509    -1.137058    -39.400141
 0.50000    -0.529891   -20.021754    -0.712184
-394.527509    -1.187757    -26.233956
 0.75000    -0.529891   -19.260328    -0.712184
-394.527509    -1.239810    -13.067770
 1.00000    -0.529891   -19.225063    -0.712184
-394.527509    -1.295577    -0.730396

 COMB DB-G3-2 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.219849   556.583400     8.426236
128.235113   24.857820    1521.490
 0.25000     1.219849   579.218008     8.426236
128.235113   19.097908    1187.483
 0.50000     1.219849   603.329213     8.426236
128.235113   13.372594    824.557299
 0.75000     1.219849   628.465449     8.426236
128.235113    7.684356   429.373270
 1.00000     1.219849   654.601085     8.426236
128.235113    2.993571    0.237832

 COMB DB-G3-2 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.753963   -65.210152    -0.993777
-482.090554    -1.811563    -89.802080
 0.25000    -0.753963   -52.415444    -0.993777
-482.090554    -1.809737    -67.315921
 0.50000    -0.753963   -39.047859    -0.993777
-482.090554    -1.812129    -44.829761
 0.75000    -0.753963   -32.894174    -0.993777
-482.090554    -1.817391    -22.343602
 1.00000    -0.753963   -32.882736    -0.993777
-482.090554    -1.843559    -0.882899

 COMB DB-G3-3 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.592997   574.606837     6.811565
266.776315   21.676256    1570.992
 0.25000     1.592997   595.342430     6.811565
266.776315   17.031347    1229.764
 0.50000     1.592997   617.428310     6.811565
266.776315   12.416801    844.042715
 0.75000     1.592997   640.453865     6.811565
266.776315    7.847307    437.772723
 1.00000     1.592997   664.394410     6.811565
266.776315    3.904478    0.395620

 COMB DB-G3-3 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.778606   -71.824925    -3.438150
-421.703363    -7.571466   -113.778005
 0.25000    -0.778606   -60.069336    -3.438150
-421.703363    -5.810955    -85.300033
 0.50000    -0.778606   -47.788153    -3.438150
-421.703363    -4.067025    -56.822061
 0.75000    -0.778606   -41.659376    -3.438150
-421.703363    -2.379411    -28.344089
 1.00000    -0.778606   -41.648913    -3.438150
-421.703363    -1.904091    -0.787327

 COMB DB-G3-4 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     1.703187   509.089971     6.429894
388.395136   20.777910    1392.087
 0.25000     1.703187   526.377296     6.429894
388.395136   16.401582    1079.567
 0.50000     1.703187   544.790278     6.429894
388.395136   12.052368    744.959216
 0.75000     1.703187   563.986675     6.429894
388.395136    7.757002    385.716663
 1.00000     1.703187   583.945914     6.429894
388.395136    4.170851    0.540567
 Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
 <              MOVING              LOAD              >
                                    1926

 F R A M E    E L E M E N T    I N T E R N A
 L    F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000    -0.824215   -68.343273    -6.551085
-369.699850   -16.065966   -117.972334
 0.25000    -0.824215   -58.541461    -6.551085
-369.699850   -12.075608    -88.457958
 0.50000    -0.824215   -48.301433    -6.551085
-369.699850    -8.101858    -58.943582
 0.75000    -0.824215   -43.175494    -6.551085
-369.699850    -4.177522    -29.429206
 1.00000    -0.824215   -43.166771    -6.551085
-369.699850    -2.016276    -0.686245

 COMB DL-G1-1 ---------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
 0.00000     0.812829   43.437259     2.374088
321.272178    8.107897   109.296270
 0.25000     0.812829   43.443058     2.374088
321.281479    6.502546    82.085034
 0.50000     0.812829   43.449195     2.374088
321.291627    4.916121    54.868376
 0.75000     0.812829   43.455642     2.374088
321.302582    3.402873    27.646139
 1.00000     0.812829   43.462368     2.374088
321.314265    1.992316    0.417765

 COMB DL-G1-1 ---------- MIN
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```
 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.385358  -16.859303   -1.095823
-43.069013   -3.275297  -43.649990
 0.25000   -0.385358  -16.854537   -1.095823
-43.057095   -2.634421  -32.758487
 0.50000   -0.385358  -16.850415   -1.095823
-43.045233   -2.010768  -21.867010
 0.75000   -0.385358  -16.846088   -1.095823
-43.033524   -1.453048  -10.975566
 1.00000   -0.385358  -16.841900   -1.095823
-43.022035   -0.944926   -0.086217

 COMB DL-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.514191  103.524613    2.886764
559.626454   10.448529  258.695510
 0.25000    1.514191  103.530411    2.886764
559.635731    8.511110  194.204713
 0.50000    1.514191  103.536546    2.886764
559.645855    6.600103  129.708525
 0.75000    1.514191  103.542990    2.886764
559.656783    4.787621   65.206538
 1.00000    1.514191  103.549716    2.886764
559.668438    3.702243    0.706486

 COMB DL-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.642498  -32.199925   -5.617507
-65.246274  -15.062460  -86.300025
 0.25000   -0.642498  -32.195463   -5.617507
-65.234384  -11.262180  -64.750524
 0.50000   -0.642498  -32.191047   -5.617507
-65.222549   -7.588365  -43.201208
 0.75000   -0.642498  -32.186724   -5.617507
-65.210867   -4.164039  -21.651634
 1.00000   -0.642498  -32.182540   -5.617507
-65.199404   -1.574570   -0.126415

 COMB DL-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.064732  215.547557    2.856091
646.799201   11.312772  535.231007
 0.25000    2.064732  215.714545    2.856091
647.066503    9.433069  401.848659
 0.50000    2.064732  215.891259    2.856091
647.358167    7.595891  268.310946
 0.75000    2.064732  216.076857    2.856091
647.673034    5.887249  134.611342
 1.00000    2.064732  216.270556    2.856091
648.008828    5.051406    0.773009
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1927

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.756105  -48.264100   -5.530859
-61.980245  -14.458848  -124.360360
 0.25000   -0.756105  -48.135596   -5.530859
-61.637686  -10.720137   -93.287594
 0.50000   -0.756105  -48.008368   -5.530859
-61.296704   -7.116555   -62.215124
 0.75000   -0.756105  -47.883859   -5.530859
-60.960128   -3.831954   -31.143454
 1.00000   -0.756105  -47.763342   -5.530859
-60.629861   -1.851880   -0.120371

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.467188  367.576746    5.146038
595.931925   18.029311  907.714700
 0.25000    2.467188  376.200175    5.146038
607.688489   14.677637  693.060770
 0.50000    2.467188  385.308339    5.146038
620.614806   11.417478  470.505676
 0.75000    2.467188  394.957339    5.146038
634.613474    8.309098  239.731161
 1.00000    2.467188  404.804021    5.146038
649.575842    6.039723    0.813986

 COMB DL-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.990359  -84.322278   -4.899542
-262.412144  -12.789793 -159.906445
 0.25000   -0.990359  -78.023772   -4.899542
-247.075218   -9.679275 -119.858939
 0.50000   -0.990359  -71.797593   -4.899542
-231.753012   -6.677942  -79.852196
 0.75000   -0.990359  -65.715979   -4.899542
-216.628925   -4.023710  -39.889029
 1.00000   -0.990359  -59.825748   -4.899542
-201.812167   -2.424025   -0.401081

 COMB DL-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    0.803808   88.414865    0.465029
245.785947    2.400245  219.258283
 0.25000    0.803808   88.472645    0.465029
245.878721    2.110323  164.595034
 0.50000    0.803808   88.534202    0.465029
245.979955    1.837639  109.878035
 0.75000    0.803808   88.598643    0.465029
246.089236    1.617096   55.104465
 1.00000    0.803808   88.665897    0.465029
246.205785    1.960809    0.280025

 COMB DL-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.258277  -18.903280   -4.771775
-17.479800  -12.595207   -52.015507
 0.25000   -0.258277  -18.858668   -4.771775
-17.360902   -9.355243   -39.010680
 0.50000   -0.258277  -18.814499   -4.771775
-17.242550   -6.131804   -26.006213
 0.75000   -0.258277  -18.771274   -4.771775
-17.125728   -2.959515   -13.001937
 1.00000   -0.258277  -18.729436   -4.771775
-17.011096   -0.631742   -0.027733

 COMB DL-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.595238  254.705083    1.923606
376.365196    7.623517  624.511161
 0.25000    1.595238  254.710882    1.923606
376.374493    6.419441  468.473474
 0.50000    1.595238  254.717019    1.923606
376.384637    5.245302  312.430393
 0.75000    1.595238  254.723464    1.923606
376.395588    4.162531  156.381573
 1.00000    1.595238  254.730191    1.923606
376.407266    3.900805    0.418282
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1928

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.498728  -40.532577   -4.454429
-60.005448  -11.457714 -108.123744
 0.25000   -0.498728  -40.528112   -4.454429
-59.993535   -8.536708   -81.092654
 0.50000   -0.498728  -40.523691   -4.454429
-59.981677   -5.647211   -54.064866
 0.75000   -0.498728  -40.519365   -4.454429
-59.969973   -2.840672   -27.032571
 1.00000   -0.498728  -40.515177   -4.454429
-59.958488   -1.219629   -0.125517

 COMB DL-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.103801  268.740293    3.082027
594.393189   11.713234  661.209310
 0.25000    2.103801  268.745512    3.082027
594.401556    9.704677  496.069900
 0.50000    2.103801  268.751035    3.082027
594.410686    7.746754  330.925635
 0.75000    2.103801  268.756836    3.082027
594.420541    5.907045  165.776238
 1.00000    2.103801  268.762890    3.082027
594.431052    5.144393    0.703656

 COMB DL-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.742333  -50.265754   -6.134161
-85.603613  -16.062671  -132.510594
 0.25000   -0.742333  -50.261735   -6.134161
-85.592891  -11.990287   -99.398722
 0.50000   -0.742333  -50.257814   -6.134161
-85.582219   -8.000963   -66.286943
 0.75000   -0.742333  -50.253863   -6.134161
-85.571685   -4.129405   -33.176310
 1.00000   -0.742333  -50.250094   -6.134161
-85.561349   -1.817178   -0.174237

 COMB DL-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.618671  450.391268    5.392081
509.657336   18.781430  1114.348
 0.25000    2.618671  463.858330    5.392081
514.646467   15.294725  854.298320
 0.50000    2.618671  478.041872    5.392081
529.941483   11.923004  582.215981
 0.75000    2.618671  492.888490    5.392081
546.654281    8.699579  297.638893
 1.00000    2.618671  508.251458    5.392081
564.595917    6.407971    0.723349

 COMB DL-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.080539  -94.676507   -5.475421
-342.157067  -14.254784  -162.933477
 0.25000   -1.080539  -85.636346   -5.475421
-323.485612  -10.848680  -122.126060
 0.50000   -1.080539  -76.705814   -5.475421
-304.788621   -7.580193   -81.369375
 0.75000   -1.080539  -67.961610   -5.475421
-301.073348   -4.456021   -40.613503
 1.00000   -1.080539  -59.535639   -5.475421
-298.274110   -2.643532   -0.603999

 COMB DL-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.404930  374.253896    4.417935
46.659161   14.099138  931.989791
 0.25000    1.404930  392.383333    4.417935
46.659161   11.274004  722.454375
 0.50000    1.404930  411.423394    4.417935
46.659161    8.515436  547.553546
 0.75000    1.404930  431.233768    4.417935
46.579571    5.922863  256.609673
 1.00000    1.404930  451.685383    4.417935
45.890981    3.440494    0.151591
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1929

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.777953  -56.927177   -0.704552
-494.858856   -1.767478   -67.403274
 0.25000   -0.777953   -46.683283   -0.704552
-487.265972   -1.627655   -50.528089
 0.50000   -0.777953   -36.512458   -0.704552
-489.673088   -1.613146   -33.600304
 0.75000   -0.777953   -26.649883   -0.704552
-492.000614   -1.754049   -16.725795
 1.00000   -0.777953   -26.481230   -0.704552
-493.719140   -1.901868   -0.925759

 COMB DL-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.194783  554.997493    7.396797
137.224634   23.190636   1370.808
 0.25000    2.194783  575.681862    7.396797
137.224634   18.430308   1055.215
 0.50000    2.194783  597.415361    7.396797
137.224634   13.785496  721.873723
 0.75000    2.194783  620.049118    7.396797
137.234634    9.327429  410.032875
 1.00000    2.194783  643.466654    7.396797
137.217266    5.376695    0.292658

 COMB DL-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.100107   -86.070382   -0.986921
-586.542588   -2.520153  -123.546512
 0.25000   -1.100107   -73.903479   -0.986921
-586.808913   -2.395433   -92.621034
 0.50000   -1.100107   -61.833896   -0.986921
-587.075220   -2.372256   -61.662796
 0.75000   -1.100107   -50.067686   -0.986921
-587.341526   -2.516068   -30.750067
 1.00000   -1.100107   -46.829899   -0.986921
-587.600464   -2.689564   -1.135880

 COMB DL-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.634808  589.445549    6.176817
300.454256   20.736768   1457.801
 0.25000    2.634808  608.370660    6.176817
300.454256   16.799951   1118.241
 0.50000    2.634808  628.257044    6.176817
300.454256   12.976883   762.422562
 0.75000    2.634808  648.970070    6.176817
300.454256    9.371700   389.644248
 1.00000    2.634808  670.403628    6.176817
300.454690    6.450161    0.439034

 COMB DL-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.146991   -95.255725   -3.152618
-519.773107   -7.884714  -153.130435
 0.25000   -1.146991   -84.067485   -3.152618
-519.726735   -6.235584  -114.810743
 0.50000   -1.146991   -72.969289   -3.152618
-519.680367   -4.692366   -76.460967
 0.75000   -1.146991   -62.149490   -3.152618
-519.634000   -3.347134   -38.154129
 1.00000   -1.146991   -58.823459   -3.152618
-519.588065   -2.804303   -0.999245

 COMB DL-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.772268  530.376561    5.946894
460.988276   20.350572   1312.798
 0.25000    2.772268  546.152194    5.946894
460.988276   16.535223   1005.413
 0.50000    2.772268  562.729172    5.946894
460.988276   12.823181   684.475168
 0.75000    2.772268  579.995322    5.946894
460.988276    9.326555   349.398500
 1.00000    2.772268  597.862202    5.946894
460.988832    6.129038    0.629030
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1930

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.190354  -91.466291   -5.831491
-455.665649  -15.244350  -161.550536
 0.25000   -1.190354   -82.138105   -5.831491
-455.617333  -11.690080  -121.142116
 0.50000   -1.190354   -72.885010   -5.831491
-455.569020   -8.232248   -80.708589
 0.75000   -1.190354   -63.864011   -5.831491
-455.520708   -4.965915   -40.310922
 1.00000   -1.190354   -61.079372   -5.831491
-455.472952   -2.911553   -0.875671

 COMB     DB -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    1.703187  574.606837    8.426236
530.566049   24.857820   1570.992
 0.25000    1.703187  595.342430    8.426236
530.579227   19.097908   1220.764
 0.50000    1.703187  617.428310    8.426236
530.597810   13.372594  844.042715
 0.75000    1.703187  640.453665    8.426236
534.394991    7.847307  437.772723
 1.00000    1.703187  664.394410    8.426236
551.048438    4.170851    0.716897

 COMB     DB -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -0.824215  -71.824925   -6.836409
-482.090554  -17.140776  -117.972334
 0.25000   -0.824215   -62.965072   -6.836409
-482.090554  -12.555667   -88.457958
 0.50000   -0.824215   -53.871204   -6.836409
-482.090554   -8.101858   -58.943582
 0.75000   -0.824215   -45.282817   -6.836409
-482.090554   -4.177522   -29.429206
 1.00000   -0.824215   -43.166771   -6.836409
-482.090554   -2.016276   -0.882899

 COMB     DL -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.772268  589.445549    7.396797
646.799201   24.857820   1570.992
 0.25000    2.772268  608.370660    7.396797
647.066503   18.430308   1118.241
 0.50000    2.772268  628.257044    7.396797
647.358167   13.785496  762.422562
 0.75000    2.772268  648.970070    7.396797
647.673034    9.371700  389.644248
 1.00000    2.772268  670.403628    7.396797
649.575842    6.782268    0.813986

 COMB     DL -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.190354   -95.255725   -6.134161
-586.542588  -16.062671  -162.933477
 0.25000   -1.190354   -85.636346   -6.134161
-586.808913  -11.990287  -122.126060
 0.50000   -1.190354   -76.705814   -6.134161
-587.075220   -8.232248   -81.369375
 0.75000   -1.190354   -67.961610   -6.134161
-587.341526   -4.965915   -40.613503
 1.00000   -1.190354   -61.079372   -6.134161
-587.600464   -2.911553   -1.135880

 COMB     CAR -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.772268  589.445549    8.426236
646.799201   24.857820   1570.992
 0.25000    2.772268  608.370660    8.426236
647.066503   19.097908   1220.764
 0.50000    2.772268  628.257044    8.426236
647.358167   13.785496  844.042715
 0.75000    2.772268  648.970070    8.426236
647.673034    9.371700  437.772723
 1.00000    2.772268  670.403628    8.426236
649.575842    6.782268    0.813986
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1931

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB     CAR -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.190354   -95.255725   -6.836409
-586.542588  -17.140776  -162.933477
 0.25000   -1.190354   -85.636346   -6.836409
-586.808913  -12.555667  -122.126060
 0.50000   -1.190354   -76.705814   -6.836409
-587.075220   -8.232248   -81.369375
 0.75000   -1.190354   -67.961610   -6.836409
-587.341526   -4.965915   -40.613503
 1.00000   -1.190354   -61.079372   -6.836409
-587.600464   -2.911553   -1.135880

 COMB  DESIGN -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000    2.772268  589.445549    8.426236
646.799201   24.857820   1570.992
 0.25000    2.772268  608.370660    8.426236
647.066503   19.097908   1220.764
 0.50000    2.772268  628.257044    8.426236
647.358167   13.785496  844.042715
 0.75000    2.772268  648.970070    8.426236
647.673034    9.371700  437.772723
 1.00000    2.772268  670.403628    8.426236
649.575842    6.782268    0.813986

 COMB  DESIGN -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.00000   -1.190354   -95.255725   -6.836409
-586.542588  -17.140776  -162.933477
 0.25000   -1.190354   -85.636346   -6.836409
-586.808913  -12.555667  -122.126060
 0.50000   -1.190354   -76.705814   -6.836409
-587.075220   -8.232248   -81.369375
 0.75000   -1.190354   -67.961610   -6.836409
-587.341526   -4.965915   -40.613503
 1.00000   -1.190354   -61.079372   -6.836409
-587.600464   -2.911553   -1.135880

 ELEM      166 ================== LENGTH
=     2.977110

 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667   71.899071   9.375730    0.410048
 0.002520   0.469975  17.365798
 0.57750   71.899071   9.375730    0.410048
 0.002520   0.298052  13.448505
 0.71833   71.899071   9.375730    0.410048
 0.002520   0.126113   9.560330
 0.85917   71.899071   9.375730    0.410048
 0.002520   0.103737   5.707980
 1.00000   71.899071   9.375730    0.410048
 0.002520   0.425799   2.978420

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667  -10.463954 -126.211062   -0.769830
-2.47E-05   -0.865502 -232.666090
 0.57750  -10.463954 -126.211062   -0.769830
-2.47E-05   -0.542731 -179.768137
 0.71833  -10.463954 -126.211062   -0.769830
-2.47E-05   -0.220270 -126.879967
 0.85917  -10.463954 -126.211062   -0.769830
-2.47E-05   -0.045631  -74.157600
 1.00000  -10.463954 -126.211062   -0.769830
-2.47E-05   -0.217718  -21.611750

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667   80.387029  25.357047    0.585893
 0.004760   0.671298  54.205261
 0.57750   80.387029  25.357047    0.585893
 0.004760   0.425646  45.937600
 0.71833   80.387029  25.357047    0.585893
 0.004760   0.179965  47.273979
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1932

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.85917   80.387029  25.357047    0.585893
 0.004760   0.163395  56.974580
 1.00000   80.387029  25.357047    0.585893
 0.004760   0.719239  74.773431

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667  -66.784439 -196.278527   -1.326939
-0.004076   -1.506555 -282.428316
 0.57750  -66.784439 -196.278527   -1.326939
-0.004076   -0.950351 -208.745283
 0.71833  -66.784439 -196.278527   -1.326939
-0.004076   -0.394242 -144.182091
 0.85917  -66.784439 -196.278527   -1.326939
-0.004076   -0.069540  -81.360069
 1.00000  -66.784439 -196.278527   -1.326939
-0.004076   -0.311306  -21.942335

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667   73.885812  68.838064    0.674439
 0.003853   0.773051 132.138049
 0.57750   73.885812  68.838064    0.674439
 0.003853   0.490274 104.816041
 0.71833   73.885812  68.838064    0.674439
 0.003853   0.207411  53.272230
 0.85917   73.885812  68.838064    0.674439
 0.003853   0.201862  68.663640
 1.00000   73.885812  68.838064    0.674439
 0.003853   0.923054  57.763032

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667  -56.929893 -160.927275   -1.721128
-0.003838   -1.964000 -246.234411
 0.57750  -56.929893 -160.927275   -1.721128
-0.003838   -1.242478 -184.626050
 0.71833  -56.929893 -160.927275   -1.721128
-0.003838   -0.521023 -129.223201
 0.85917  -56.929893 -160.927275   -1.721128
-0.003838   -0.077696  -73.965030
 1.00000  -56.929893 -160.927275   -1.721128
-0.003838   -0.358035  -20.020419

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667   89.583457 107.738256    0.714639
 0.003207   0.819985 195.503795
 0.57750   89.583457 107.738256    0.714639
 0.003207   0.523353 151.850310
 0.71833   89.583457 107.738256    0.714639
 0.003207   0.220656 113.698230
 0.85917   89.583457 107.738256    0.714639
 0.003207   0.207185  80.597043
 1.00000   89.583457 107.738256    0.714639
 0.003207   0.973138  53.248417

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667  -56.941337 -137.788977   -1.827646
-0.004107   -2.092465 -212.814145
 0.57750  -56.941337 -137.788977   -1.827646
-0.004107   -1.326266 -159.907202
 0.71833  -56.941337 -137.788977   -1.827646
-0.004107   -0.560123 -112.151998
 0.85917  -56.941337 -137.788977   -1.827646
-0.004107   -0.080863  -65.257567
 1.00000  -56.941337 -137.788977   -1.827646
-0.004107   -0.378518  -31.304572

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667   6.007065  27.094172    0.178213
 0.001662   0.204071  61.750073
 Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                        Page
<                  MOVING          LOAD                >
                                    1933

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
    T          M2          M3
 0.57750   6.007065  27.094172    0.178213
 0.001662   0.129350  52.459841
 0.71833   6.007065  27.094172    0.178213
 0.001662   0.054560  51.134803
 0.85917   6.007065  27.094172    0.178213
 0.001662   0.066543  56.937635
 1.00000   6.007065  27.094172    0.178213
 0.001662   0.332028  69.909303

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
    T          M2          M3
 0.43667  -65.435578  -55.297231   -0.633558
-0.003861   -0.730621  -32.369545
 0.57750  -65.435578  -55.297231   -0.633558
-0.003861   -0.465045  -16.363552
 0.71833  -65.435578  -55.297231   -0.633558
-0.003861   -0.199485   -7.988325
 0.85917  -65.435578  -55.297231   -0.633558
-0.003861   -0.023484   -2.874405
 1.00000  -65.435578  -55.297231   -0.633558
-0.003861   -0.094812   -1.297737
```

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	28.722538	91.283838	0.343759
0.001469	0.394355	168.946787	
0.57750	28.722538	91.283838	0.343759
0.001469	0.250225	132.607058	
0.71833	28.722538	91.283838	0.343759
0.001469	0.106027	103.784724	
0.85917	28.722538	91.283838	0.343759
0.001469	0.123515	81.669808	
1.00000	28.722538	91.283838	0.343759
0.001469	0.620092	65.144415	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-56.920072	-41.566986	-1.184585
-0.004797	-1.366844	-22.270968	
0.57750	-56.920072	-41.566986	-1.184585
-0.004797	-0.870193	-11.524383	
0.71833	-56.920072	-41.566986	-1.184585
-0.004797	-0.373543	-7.880309	
0.85917	-56.920072	-41.566986	-1.184585
-0.004797	-0.040986	-5.407246	
1.00000	-56.920072	-41.566986	-1.184585
-0.004797	-0.182130	-12.742915	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	61.804303	98.588494	0.586321
0.002576	0.672329	188.319116	
0.57750	61.804303	98.588494	0.586321
0.002576	0.426498	148.386293	
0.71833	61.804303	98.588494	0.586321
0.002576	0.180597	113.795289	
0.85917	61.804303	98.588494	0.586321
0.002576	0.184734	84.026151	
1.00000	61.804303	98.588494	0.586321
0.002576	0.880872	62.046913	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-65.342056	-107.595441	-1.660837
-0.003751	-1.904775	-153.230000	
0.57750	-65.342056	-107.595441	-1.660837
-0.003751	-1.208442	-112.994107	
0.71833	-65.342056	-107.595441	-1.660837
-0.003751	-0.512111	-77.829225	
0.85917	-65.342056	-107.595441	-1.660837
-0.003751	-0.067041	-43.778421	
1.00000	-65.342056	-107.595441	-1.660837
-0.003751	-0.310960	-15.588783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1934

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	58.276036	127.036873	0.657090
0.002151	0.754451	237.898069	
0.57750	58.276036	127.036873	0.657090
0.002151	0.478948	185.868220	
0.71833	58.276036	127.036873	0.657090
0.002151	0.203376	138.334755	
0.85917	58.276036	127.036873	0.657090
0.002151	0.190675	94.926750	
1.00000	58.276036	127.036873	0.657090
0.002151	0.932707	58.634836	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-68.100654	-94.322235	-1.770137
-0.004009	-2.036214	-136.897854	
0.57750	-68.100654	-94.322235	-1.770137
-0.004009	-1.240049	-101.395878	
0.71833	-68.100654	-94.322235	-1.770137
-0.004009	-0.551886	-70.142474	
0.85917	-68.100654	-94.322235	-1.770137
-0.004009	-0.073607	-39.654467	
1.00000	-68.100654	-94.322235	-1.770137
-0.004009	-0.347529	-20.054815	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	4.011425	64.480922	0.267589
2.57E-06	0.308427	119.914313	
0.57750	4.011425	64.480922	0.267589
2.57E-06	0.196233	92.972948	
0.71833	4.011425	64.480922	0.267589
2.57E-06	0.084033	66.045504	
0.85917	4.011425	64.480922	0.267589
2.57E-06	0.054328	39.200816	
1.00000	4.011425	64.480922	0.267589
2.57E-06	0.299567	12.721809	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-26.357352	-7.769424	-0.584851
-0.001339	-0.681355	-15.116693	
0.57750	-26.357352	-7.769424	-0.584851
-0.001339	-0.436150	-11.868466	
0.71833	-26.357352	-7.769424	-0.584851
-0.001339	-0.190946	-8.630091	
0.85917	-26.357352	-7.769424	-0.584851
-0.001339	-0.028116	-5.503043	
1.00000	-26.357352	-7.769424	-0.584851
-0.001339	-0.140349	-2.940651	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	42.938846	125.855734	0.429261
6.12E-05	0.494469	220.783955	
0.57750	42.938846	125.855734	0.429261
6.12E-05	0.314490	168.597465	
0.71833	42.938846	125.855734	0.429261
6.12E-05	0.134487	116.952026	
0.85917	42.938846	125.855734	0.429261
6.12E-05	0.103396	66.256084	
1.00000	42.938846	125.855734	0.429261
6.12E-05	0.550046	19.281644	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-34.138032	-12.487359	-1.065239
-0.002553	-1.236520	-22.321501	
0.57750	-34.138032	-12.487359	-1.065239
-0.002553	-0.789889	-17.362076	
0.71833	-34.138032	-12.487359	-1.065239
-0.002553	-0.343259	-12.696207	
0.85917	-34.138032	-12.487359	-1.065239
-0.002553	-0.045430	-10.275848	
1.00000	-34.138032	-12.487359	-1.065239
-0.002553	-0.225442	-23.161629	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1935

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	24.294789	142.573253	0.530405
9.70E-05	0.610116	262.091326	
0.57750	24.294789	142.573253	0.530405
9.70E-05	0.387729	202.589821	
0.71833	24.294789	142.573253	0.530405
9.70E-05	0.165280	143.717843	
0.85917	24.294789	142.573253	0.530405
9.70E-05	0.148723	85.662546	
1.00000	24.294789	142.573253	0.530405
9.70E-05	0.774487	29.748205	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-51.346273	-12.490664	-1.492672
-0.003190	-1.729071	-20.107593	
0.57750	-51.346273	-12.490664	-1.492672
-0.003190	-1.103247	-16.127580	
0.71833	-51.346273	-12.490664	-1.492672
-0.003190	-0.477422	-11.984658	
0.85917	-51.346273	-12.490664	-1.492672
-0.003190	-0.056951	-8.701638	
1.00000	-51.346273	-12.490664	-1.492672
-0.003190	-0.279409	-12.625027	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	37.981809	140.411027	0.627699
0.001740	0.721145	265.800523	
0.57750	37.981809	140.411027	0.627699
0.001740	0.457966	208.293421	
0.71833	37.981809	140.411027	0.627699
0.001740	0.194722	156.809633	
0.85917	37.981809	140.411027	0.627699
0.001740	0.179245	111.270027	
1.00000	37.981809	140.411027	0.627699
0.001740	0.903020	70.457132	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-86.298700	-72.231498	-1.726327
-0.004587	-1.992441	-90.879504	
0.57750	-86.298700	-72.231498	-1.726327
-0.004587	-1.268646	-65.357085	
0.71833	-86.298700	-72.231498	-1.726327
-0.004587	-0.544852	-44.842648	
0.85917	-86.298700	-72.231498	-1.726327
-0.004587	-0.070311	-25.276313	
1.00000	-86.298700	-72.231498	-1.726327
-0.004587	-0.331543	-13.719853	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	102.982016	12.225435	0.833724
0.002985	0.954576	24.212557	
0.57750	102.982016	12.225435	0.833724
0.002985	0.604956	19.122995	
0.71833	102.982016	12.225435	0.833724
0.002985	0.255064	14.137457	
0.85917	102.982016	12.225435	0.833724
0.002985	0.184680	9.152303	
1.00000	102.982016	12.225435	0.833724
0.002985	0.792886	4.693731	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-19.562264	-159.054667	-1.450340
-1.79E-05	-1.638336	-296.704526	
0.57750	-19.562264	-159.054667	-1.450340
-1.79E-05	-1.030008	-230.065646	
0.71833	-19.562264	-159.054667	-1.450340
-1.79E-05	-0.420886	-163.453675	
0.85917	-19.562264	-159.054667	-1.450340
-1.79E-05	-0.093977	-97.027359	
1.00000	-19.562264	-159.054667	-1.450340
-1.79E-05	-0.443407	-30.819394	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1936

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	116.123076	31.914466	1.152952
0.005269	1.319441	65.883248	
0.57750	116.123076	31.914466	1.152952
0.005269	0.836189	53.600782	
0.71833	116.123076	31.914466	1.152952
0.005269	0.352938	41.500191	
0.85917	116.123076	31.914466	1.152952
0.005269	0.286515	61.297442	
1.00000	116.123076	31.914466	1.152952
0.005269	1.296415	75.738815	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-70.972714	-232.979605	-2.408738
-0.003869	-2.741260	-355.372317	
0.57750	-70.972714	-232.979605	-2.408738
-0.003869	-1.730949	-260.583542	
0.71833	-70.972714	-232.979605	-2.408738
-0.003869	-0.719935	-182.061505	
0.85917	-70.972714	-232.979605	-2.408738
-0.003869	-0.139056	-104.985821	
1.00000	-70.972714	-232.979605	-2.408738
-0.003869	-0.619163	-31.052095	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	109.238735	81.759421	1.266870
0.004328	1.450913	156.762450	
0.57750	109.238735	81.759421	1.266870
0.004328	0.919956	123.284714	
0.71833	109.238735	81.759421	1.266870
0.004328	0.388599	95.646027	
0.85917	109.238735	81.759421	1.266870
0.004328	0.333983	79.159574	
1.00000	109.238735	81.759421	1.266870
0.004328	1.559106	64.056822	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-68.403353	-196.101522	-2.921773
-0.003781	-3.338327	-312.901833	
0.57750	-68.403353	-196.101522	-2.921773
-0.003781	-2.113371	-232.770613	
0.71833	-68.403353	-196.101522	-2.921773
-0.003781	-0.887942	-164.227865	
0.85917	-68.403353	-196.101522	-2.921773
-0.003781	-0.147423	-95.976515	
1.00000	-68.403353	-196.101522	-2.921773
-0.003781	-0.677109	-30.242272	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	111.613684	130.491333	1.349723
0.003602	1.547451	236.440128	
0.57750	111.613684	130.491333	1.349723
0.003602	0.981964	182.494754	
0.71833	111.613684	130.491333	1.349723
0.003602	0.415784	133.429903	
0.85917	111.613684	130.491333	1.349723
0.003602	0.341549	94.053999	
1.00000	111.613684	130.491333	1.349723
0.003602	1.622047	59.149921	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-67.785084	-167.887891	-3.053564
-0.004132	-3.497109	-270.274152	
0.57750	-67.785084	-167.887891	-3.053564
-0.004132	-2.216849	-201.605585	
0.71833	-67.785084	-167.887891	-3.053564
-0.004132	-0.936388	-142.565294	
0.85917	-67.785084	-167.887891	-3.053564
-0.004132	-0.153380	-85.094977	
1.00000	-67.785084	-167.887891	-3.053564
-0.004132	-0.717853	-36.373054	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1937

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	10.130989	27.472533	0.282435
0.001495	0.322841	62.725739	
0.57750	10.130989	27.472533	0.282435
0.001495	0.204497	51.996283	
0.71833	10.130989	27.472533	0.282435
0.001495	0.086035	47.058165	
0.85917	10.130989	27.472533	0.282435
0.001495	0.101670	53.429876	
1.00000	10.130989	27.472533	0.282435
0.001495	0.517271	62.523609	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-57.789272	-52.172163	-0.992801
-0.003117	-1.146629	-37.192555	
0.57750	-57.789272	-52.172163	-0.992801
-0.003117	-0.730154	-17.354254	
0.71833	-57.789272	-52.172163	-0.992801
-0.003117	-0.314201	-8.938983	
0.85917	-57.789272	-52.172163	-0.992801
-0.003117	-0.036708	-3.391787	
1.00000	-57.789272	-52.172163	-0.992801
-0.003117	-0.154710	-1.710200	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	28.389556	104.617775	0.582036
0.001353	0.667688	192.693309	
0.57750	28.389556	104.617775	0.582036
0.001353	0.423750	149.559786	
0.71833	28.389556	104.617775	0.582036
0.001353	0.179831	111.989395	
0.85917	28.389556	104.617775	0.582036
0.001353	0.183732	85.412897	
1.00000	28.389556	104.617775	0.582036
0.001353	0.934196	62.170650	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-56.112630	-40.001700	-1.789898
-0.004229	-2.066070	-28.518184	
0.57750	-56.112630	-40.001700	-1.789898
-0.004229	-1.315746	-13.634125	
0.71833	-56.112630	-40.001700	-1.789898
-0.004229	-0.565651	-9.604766	
0.85917	-56.112630	-40.001700	-1.789898
-0.004229	-0.069306	-7.576032	
1.00000	-56.112630	-40.001700	-1.789898
-0.004229	-0.311511	-11.449914	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	75.993515	115.226496	1.080963
0.002598	1.238521	219.971405	
0.57750	75.993515	115.226496	1.080963
0.002598	0.785572	172.120697	
0.71833	75.993515	115.226496	1.080963
0.002598	0.332171	128.122591	
0.85917	75.993515	115.226496	1.080963
0.002598	0.298147	91.456593	
1.00000	75.993515	115.226496	1.080963
0.002598	1.440928	58.424449	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-75.551381	-122.121979	-2.725255
-0.003184	-3.127179	-188.414953	
0.57750	-75.551381	-122.121979	-2.725255
-0.003184	-1.984353	-138.668196	
0.71833	-75.551381	-122.121979	-2.725255
-0.003184	-0.841800	-96.134886	
0.85917	-75.551381	-122.121979	-2.725255
-0.003184	-0.123677	-55.407936	
1.00000	-75.551381	-122.121979	-2.725255
-0.003184	-0.576140	-21.137381	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1938

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	69.784299	153.633696	1.205400
0.002169	1.383095	286.980393	
0.57750	69.784299	153.633696	1.205400
0.002169	0.877233	223.046930	
0.71833	69.784299	153.633696	1.205400
0.002169	0.371372	162.234922	
0.85917	69.784299	153.633696	1.205400
0.002169	0.311994	107.632636	
1.00000	69.784299	153.633696	1.205400
0.002169	1.536768	56.927692	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-78.976921	-107.263049	-2.920335
-0.003624	-3.358991	-168.575794	
0.57750	-78.976921	-107.263049	-2.920335
-0.003624	-2.134628	-124.702121	
0.71833	-78.976921	-107.263049	-2.920335
-0.003624	-0.910246	-86.875789	
0.85917	-78.976921	-107.263049	-2.920335
-0.003624	-0.134477	-50.263622	
1.00000	-78.976921	-107.263049	-2.920335
-0.003624	-0.638801	-21.542079	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	5.285664	80.821279	0.465209
1.65E-06	0.535776	151.824848	
0.57750	5.285664	80.821279	0.465209
1.65E-06	0.340111	117.992596	
0.71833	5.285664	80.821279	0.465209
1.65E-06	0.145916	84.190449	
0.85917	5.285664	80.821279	0.465209
1.65E-06	0.095977	50.441939	
1.00000	5.285664	80.821279	0.465209
1.65E-06	0.519816	16.978906	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-34.394154	-9.740699	-1.010097
-0.001483	-1.174333	-19.194803	
0.57750	-34.394154	-9.740699	-1.010097
-0.001483	-0.750836	-15.134721	
0.71833	-34.394154	-9.740699	-1.010097
-0.001483	-0.327226	-11.083669	
0.85917	-34.394154	-9.740699	-1.010097
-0.001483	-0.047962	-7.184293	
1.00000	-34.394154	-9.740699	-1.010097
-0.001483	-0.242228	-3.634441	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	37.417475	157.195372	0.799507
4.23E-05	0.921701	278.171600	
0.57750	37.417475	157.195372	0.799507
4.23E-05	0.584565	212.440114	
0.71833	37.417475	157.195372	0.799507
4.23E-05	0.250514	146.967053	
0.85917	37.417475	157.195372	0.799507
4.23E-05	0.173923	82.590453	
1.00000	37.417475	157.195372	0.799507
4.23E-05	0.908596	23.171312	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-42.843728	-14.666583	-1.752227
-0.002773	-2.030234	-28.364441	
0.57750	-42.843728	-14.666583	-1.752227
-0.002773	-1.295474	-22.292793	
0.71833	-42.843728	-14.666583	-1.752227
-0.002773	-0.560951	-16.548426	
0.85917	-42.843728	-14.666583	-1.752227
-0.002773	-0.083575	-13.973410	
1.00000	-42.843728	-14.666583	-1.752227
-0.002773	-0.417816	-20.585647	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1939

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	27.324701	170.286305	0.902382
5.20E-06	1.037589	315.000590	
0.57750	27.324701	170.286305	0.902382
5.20E-06	0.658777	243.727389	
0.71833	27.324701	170.286305	0.902382
5.20E-06	0.281559	172.552956	
0.85917	27.324701	170.286305	0.902382
5.20E-06	0.231627	101.987298	
1.00000	27.324701	170.286305	0.902382
5.20E-06	1.210260	34.247844	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-62.307852	-14.448282	-2.334787
-0.003101	-2.704096	-27.606149	
0.57750	-62.307852	-14.448282	-2.334787
-0.003101	-1.725029	-21.585880	
0.71833	-62.307852	-14.448282	-2.334787
-0.003101	-0.746795	-15.616480	
0.85917	-62.307852	-14.448282	-2.334787
-0.003101	-0.095525	-12.274903	
1.00000	-62.307852	-14.448282	-2.334787
-0.003101	-0.473195	-13.885889	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	48.147878	167.500026	1.122268
0.001590	1.288128	317.606985	
0.57750	48.147878	167.500026	1.122268
0.001590	0.817187	247.919231	
0.71833	48.147878	167.500026	1.122268
0.001590	0.347400	181.570020	
0.85917	48.147878	167.500026	1.122268
0.001590	0.292424	122.054586	
1.00000	48.147878	167.500026	1.122268
0.001590	1.479246	66.265539	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-92.936448	-78.564309	-2.830453
-0.004028	-3.265924	-112.069590	
0.57750	-92.936448	-78.564309	-2.830453
-0.004028	-2.078959	-80.335637	
0.71833	-92.936448	-78.564309	-2.830453
-0.004028	-0.892532	-51.194117	
0.85917	-92.936448	-78.564309	-2.830453
-0.004028	-0.125954	-32.418530	
1.00000	-92.936448	-78.564309	-2.830453
-0.004028	-0.594013	-15.797916	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	89.583457	142.573253	0.714639
0.004760	0.819985	265.800523	
0.57750	89.583457	142.573253	0.714639
0.004760	0.520353	208.293421	
0.71833	89.583457	142.573253	0.714639
0.004760	0.220656	156.809633	
0.85917	89.583457	142.573253	0.714639
0.004760	0.207185	111.270027	
1.00000	89.583457	142.573253	0.714639
0.004760	0.973138	74.773431	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-86.298700	-196.278527	-1.827646
-0.004797	-2.092465	-282.428316	
0.57750	-86.298700	-196.278527	-1.827646
-0.004797	-1.326266	-208.745283	
0.71833	-86.298700	-196.278527	-1.827646
-0.004797	-0.560123	-144.182091	
0.85917	-86.298700	-196.278527	-1.827646
-0.004797	-0.080863	-81.360069	
1.00000	-86.298700	-196.278527	-1.827646
-0.004797	-0.378518	-31.304572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1940

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	116.123076	170.286305	1.349723
0.005269	1.547451	317.606985	
0.57750	116.123076	170.286305	1.349723
0.005269	0.981964	247.919231	
0.71833	116.123076	170.286305	1.349723
0.005269	0.416784	181.570020	
0.85917	116.123076	170.286305	1.349723
0.005269	0.341549	122.054586	
1.00000	116.123076	170.286305	1.349723
0.005269	1.622047	75.738815	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-92.936448	-232.979605	-3.053564

```
-0.004229    -3.497109  -355.372317
0.57750    -92.936448  -232.979605     -3.053564
-0.004229    -2.216849  -260.583542
0.71833    -92.936448  -232.979605     -3.053564
-0.004229    -0.936388  -182.061505
0.85917    -92.936448  -232.979605     -3.053564
-0.004229    -0.153380  -104.985821
1.00000    -92.936448  -232.979605     -3.053564
-0.004229    -0.717853   -36.373054

COMB      CAR  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43667   116.123076  170.286305     1.349723
 0.005269    1.547451   317.606985
0.57750   116.123076  170.286305     1.349723
 0.005269    0.981964   247.919231
0.71833   116.123076  170.286305     1.349723
 0.005269    0.415784   181.570020
0.85917   116.123076  170.286305     1.349723
 0.005269    0.341549   122.054586
1.00000   116.123076  170.286305     1.349723
 0.005269    1.622047    75.738815

COMB      CAR  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43667  -92.936448  -232.979605    -3.053564
-0.004797    -3.497109  -355.372317
0.57750   -92.936448  -232.979605    -3.053564
-0.004797    -2.216849  -260.583542
0.71833   -92.936448  -232.979605    -3.053564
-0.004797    -0.936388  -182.061505
0.85917   -92.936448  -232.979605    -3.053564
-0.004797    -0.153380  -104.985821
1.00000   -92.936448  -232.979605    -3.053564
-0.004797    -0.717853   -36.373054
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1941

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       167 ================== LENGTH
=     2.977170

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    71.502389    9.365917    0.381622
 0.002554    0.201094    2.978460
0.14084    71.502389    9.365917    0.381622
 0.002554    0.040961   31.876944
0.28167    71.502389    9.365917    0.381622
 0.002554    0.137238   84.385811
0.42251    71.502389    9.365917    0.381622
 0.002554    0.300595  136.893448
0.56334    71.502389    9.365917    0.381622
 0.002554    0.464130  189.462751

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -10.265633  -125.344227    -0.399158
-3.46E-06    -0.210713   -21.614625
0.14084   -10.265633  -125.344227    -0.399158
-3.46E-06    -0.043351    -2.727942
0.28167   -10.265633  -125.344227    -0.399158
-3.46E-06    -0.011883    -6.499307
0.42251   -10.265633  -125.344227    -0.399158
-3.46E-06    -0.278934   -10.303976
0.56334   -10.265633  -125.344227    -0.399158
-3.46E-06    -0.438944   -14.128403

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    79.690323    72.958737    0.537947
 0.007120    0.283260    74.773489
0.14084    79.690323    72.958737    0.537947
 0.007120    0.057586    88.261434
0.28167    79.690323    72.958737    0.537947
 0.007120    0.314595   125.162938
0.42251    79.690323    72.958737    0.537947
 0.007120    0.722253   186.839300
0.56334    79.690323    72.958737    0.537947
 0.007120    1.130741   252.428703

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -72.013637  -156.775743    -0.989464
-0.001849    -0.534192   -21.945391
0.14084   -72.013637  -156.775743    -0.989464
-0.001849    -0.130085    -4.835822
0.28167   -72.013637  -156.775743    -0.989464
-0.001849    -0.167932   -10.723533
0.42251   -72.013637  -156.775743    -0.989464
-0.001849    -0.393502   -29.042896
0.56334   -72.013637  -156.775743    -0.989464
-0.001849    -0.619040   -58.558936

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    73.289780  101.942235    0.622882
 0.005471    0.326010   57.764314
0.14084    73.289780  101.942235    0.622882
 0.005471    0.066493   62.835313
0.28167    73.289780  101.942235    0.622882
 0.005471    0.455427   99.230642
0.42251    73.289780  101.942235    0.622882
 0.005471    1.050562  152.501642
0.56334    73.289780  101.942235    0.622882
 0.005471    1.659798  208.331666

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -60.853760  -133.803960    -1.447263
-0.001858    -0.770900   -20.023208
0.14084   -60.853760  -133.803960    -1.447263
-0.001858    -0.173484   -13.994360
0.28167   -60.853760  -133.803960    -1.447263
-0.001858    -0.194227   -40.810193
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1942

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.42251   -60.853760  -133.803960    -1.447263
-0.001858    -0.455484   -76.095093
0.56334   -60.853760  -133.803960    -1.447263
-0.001858    -0.716653   -118.546037

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    89.038897  135.591079     0.678454
 0.004549    0.380839   53.250297
0.14084    89.038897  135.591079     0.678454
 0.004549    0.076084   52.681024
0.28167    89.038897  135.591079     0.678454
 0.004549    0.516587   84.577737
0.42251    89.038897  135.591079     0.678454
 0.004549    1.208648  130.583076
0.56334    89.038897  135.591079     0.678454
 0.004549    1.901139  178.714075

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -60.526421  -115.323884    -1.660285
-0.002637    -0.886226   -31.306311
0.14084   -60.526421  -115.323884    -1.660285
-0.002637    -0.197931   -41.815055
0.28167   -60.526421  -115.323884    -1.660285
-0.002637    -0.210330   -82.927009
0.42251   -60.526421  -115.323884    -1.660285
-0.002637    -0.494520  -132.520535
0.56334   -60.526421  -115.323884    -1.660285
-0.002637    -0.778631  -188.682630

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    5.836428   67.250471     0.158353
 0.003503    0.083076   69.909552
0.14084    5.836428   67.250471     0.158353
 0.003503    0.016584   52.276829
0.28167    5.836428   67.250471     0.158353
 0.003503    0.213748   35.643049
0.42251    5.836428   67.250471     0.158353
 0.003503    0.511779   40.205863
0.56334    5.836428   67.250471     0.158353
 0.003503    0.810481   48.798548

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -70.123020   -23.045409    -0.725094
-0.001538    -0.409661    -1.297742
0.14084   -70.123020   -23.045409    -0.725094
-0.001538    -0.107541    -1.418099
0.28167   -70.123020   -23.045409    -0.725094
-0.001538    -0.049649    -6.127428
0.42251   -70.123020   -23.045409    -0.725094
-0.001538    -0.116117   -24.923989
0.56334   -70.123020   -23.045409    -0.725094
-0.001538    -0.182513   -52.670803

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   28.564180  129.437224     0.323321
 0.003198    0.174011   65.146101
0.14084   28.564180  129.437224     0.323321
 0.003198    0.038265   32.876359
0.28167   28.564180  129.437224     0.323321
 0.003198    0.393637   15.041018
0.42251   28.564180  129.437224     0.323321
 0.003198    0.936743   16.647737
0.56334   28.564180  129.437224     0.323321
 0.003198    1.480376   21.185563

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -61.794631   -11.530981    -1.308538
-0.002604    -0.717703   -12.742568
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1943

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.14084   -61.794631   -11.530981    -1.308538
-0.002604    -0.169930   -33.250780
0.28167   -61.794631   -11.530981    -1.308538
-0.002604    -0.100201   -68.533504
0.42251   -61.794631   -11.530981    -1.308538
-0.002604    -0.235367  -113.474647
0.56334   -61.794631   -11.530981    -1.308538
-0.002604    -0.370440  -167.027379

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   61.295591  125.761359     0.547451
 0.004063    0.291766   62.047925
0.14084   61.295591  125.761359     0.547451
 0.004063    0.061936   50.892084
0.28167   61.295591  125.761359     0.547451
 0.004063    0.485533   70.044919
0.42251   61.295591  125.761359     0.547451
 0.004063    1.139245  103.579871
0.56334   61.295591  125.761359     0.547451
 0.004063    1.793402  139.416661

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -69.084861   -85.751191    -1.568698
-0.002179    -0.840026   -19.589945
0.14084   -69.084861   -85.751191    -1.568698
-0.002179    -0.183012   -31.616957
0.28167   -69.084861   -85.751191    -1.568698
-0.002179    -0.170084   -66.923102
0.42251   -69.084861   -85.751191    -1.568698
-0.002179    -0.399269  -112.889160
0.56334   -69.084861   -85.751191    -1.568698
-0.002179    -0.628366  -165.032746

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   57.809802  150.106858     0.630767
 0.003395    0.335673   58.636631
0.14084   57.809802  150.106858     0.630767
 0.003395    0.070922   43.067902
0.28167   57.809802  150.106858     0.630767
 0.003395    0.546939   60.953708
0.42251   57.809802  150.106858     0.630767
 0.003395    1.291269   90.712932
0.56334   57.809802  150.106858     0.630767
 0.003395    2.035933  122.287003

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -71.576405   -76.071705    -1.783201
-0.002931    -0.956858   -20.055390
0.14084   -71.576405   -76.071705    -1.783201
-0.002931    -0.209774   -40.752264
0.28167   -71.576405   -76.071705    -1.783201
-0.002931    -0.195062   -87.880626
0.42251   -71.576405   -76.071705    -1.783201
-0.002931    -0.459331  -144.966047
0.56334   -71.576405   -76.071705    -1.783201
-0.002931    -0.723515  -207.333185

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    4.115195   64.991181     0.278622
 5.25E-06    0.148935   12.723399
0.14084    4.115195   64.991181     0.278622
 5.25E-06    0.032069    2.906163
0.28167    4.115195   64.991181     0.278622
 5.25E-06    0.223351    4.398643
0.42251    4.115195   64.991181     0.278622
 5.25E-06    0.538167    7.662432
0.56334    4.115195   64.991181     0.278622
 5.25E-06    0.853016   10.930467
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1944

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -26.902328   -7.798841    -0.750922
-0.001736    -0.406412    -2.940799
0.14084   -26.902328   -7.798841    -0.750922
-0.001736    -0.091546   -16.418384
0.28167   -26.902328   -7.798841    -0.750922
-0.001736    -0.084698   -43.360311
0.42251   -26.902328   -7.798841    -0.750922
-0.001736    -0.201541   -70.487237
0.56334   -26.902328   -7.798841    -0.750922
-0.001736    -0.318364   -97.692023

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   43.025503  128.362254     0.452470
 0.000133    0.248022   19.284030
0.14084   43.025503  128.362254     0.452470
 0.000133    0.058371    2.908383
0.28167   43.025503  128.362254     0.452470
 0.000133    0.383201    6.347582
0.42251   43.025503  128.362254     0.452470
 0.000133    0.919563   10.990625
0.56334   43.025503  128.362254     0.452470
 0.000133    1.455444   15.756464

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -35.232733   -11.365400    -1.278547
-0.003027    -0.689042   -23.161123
0.14084   -35.232733   -11.365400    -1.278547
-0.003027    -0.152984   -60.729544
0.28167   -35.232733   -11.365400    -1.278547
-0.003027    -0.135280  -112.068747
0.42251   -35.232733   -11.365400    -1.278547
-0.003027    -0.324401  -164.179790
0.56334   -35.232733   -11.365400    -1.278547
-0.003027    -0.513519  -217.370533

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    24.380216  146.463722     0.528719
 0.000211    0.283667   29.751405
0.14084    24.380216  146.463722     0.528719
 0.000211    0.061757    4.336707
0.28167    24.380216  146.463722     0.528719
 0.000211    0.524204    7.062424
0.42251    24.380216  146.463722     0.528719
 0.000211    1.253006   11.317568
0.56334    24.380216  146.463722     0.528719
 0.000211    1.981970   15.766030

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -52.782365   -10.609346    -1.739480
-0.002921    -0.935768   -12.624916
0.14084   -52.782365   -10.609346    -1.739480
-0.002921    -0.207151   -45.906779
0.28167   -52.782365   -10.609346    -1.739480
-0.002921    -0.162292  -104.885221
0.42251   -52.782365   -10.609346    -1.739480
-0.002921    -0.388635  -164.919102
0.56334   -52.782365   -10.609346    -1.739480
-0.002921    -0.604911  -225.944868

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   37.746131  167.535806     0.609201
 0.003177    0.325061   70.459405
0.14084   37.746131  167.535806     0.609201
 0.003177    0.069387   39.858878
0.28167   37.746131  167.535806     0.609201
 0.003177    0.568479   44.460750
0.42251   37.746131  167.535806     0.609201
 0.003177    1.351004   63.314165
0.56334   37.746131  167.535806     0.609201
 0.003177    2.133910   84.361818
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1945

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -90.315280   -50.942278    -1.875611
-0.003457    -1.014223   -13.720365
0.14084   -90.315280   -50.942278    -1.875611
-0.003457    -0.229757   -39.904197
0.28167   -90.315280   -50.942278    -1.875611
-0.003457    -0.187920   -93.599776
0.42251   -90.315280   -50.942278    -1.875611
-0.003457    -0.443084  -157.199404
0.56334   -90.315280   -50.942278    -1.875611
-0.003457    -0.698175  -226.912021

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   102.139972   12.172635    0.760778
 0.002911    0.402066    4.693914
0.14084   102.139972   12.172635    0.760778
 0.002911    0.084520   40.056545
0.28167   102.139972   12.172635    0.760778
 0.002911    0.296684  105.562024
0.42251   102.139972   12.172635    0.760778
 0.002911    0.665762  171.134304
0.56334   102.139972   12.172635    0.760778
 0.002911    1.033764  236.716633

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -19.017398  -158.030696    -0.881409
-2.19E-06    -0.445464   -30.822930
0.14084   -19.017398  -158.030696    -0.881409
-2.19E-06    -0.077782    -5.477978
0.28167   -19.017398  -158.030696    -0.881409
-2.19E-06    -0.236410    -9.686161
0.42251   -19.017398  -158.030696    -0.881409
-2.19E-06    -0.555332   -14.080133
0.56334   -19.017398  -158.030696    -0.881409
-2.19E-06    -0.874367   -18.451491

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   114.762218   78.443426     1.030394
 0.007410    0.541526   75.738865
0.14084   114.762218   78.443426     1.030394
 0.007410    0.110416   97.969258
0.28167   114.762218   78.443426     1.030394
 0.007410    0.605685  149.500376
0.42251   114.762218   78.443426     1.030394
 0.007410    1.401681  224.847167
0.56334   114.762218   78.443426     1.030394
 0.007410    2.197654  304.007642

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -76.625650  -192.090094    -1.909935
-0.001779    -1.008181   -31.055929
0.14084   -76.625650  -192.090094    -1.909935
-0.001779    -0.213082    -8.445903
0.28167   -76.625650  -192.090094    -1.909935
-0.001779    -0.322248   -15.198454
0.42251   -76.625650  -192.090094    -1.909935
-0.001779    -0.754536   -35.806756
0.56334   -76.625650  -192.090094    -1.909935
-0.001779    -1.186736   -67.269405

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   108.022551  115.552392     1.156570
 0.005884    0.608497   64.058208
0.14084   108.022551  115.552392     1.156570
 0.005884    0.124714   75.390877
0.28167   108.022551  115.552392     1.156570
 0.005884    0.796068  124.566628
0.42251   108.022551  115.552392     1.156570
 0.005884    1.856494  190.583292
0.56334   108.022551  115.552392     1.156570
 0.005884    2.916615  259.129132
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1946

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -72.804193  -166.866968    -2.536709
-0.001796    -1.339967   -30.245734
0.14084   -72.804193  -166.866968    -2.536709
-0.001796    -0.282167   -20.984643
0.28167   -72.804193  -166.866968    -2.536709
-0.001796    -0.360568   -51.140912
0.42251   -72.804193  -166.866968    -2.536709
-0.001796    -0.845802   -91.056741
0.56334   -72.804193  -166.866968    -2.536709
-0.001796    -1.330644  -138.188387

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   110.698483  158.955636     1.302021
 0.004894    0.688952   59.152019
0.14084   110.698483  158.955636     1.302021
 0.004894    0.144872   63.448518
0.28167   110.698483  158.955636     1.302021
 0.004894    0.569750  106.218680
0.42251   110.698483  158.955636     1.302021
 0.004894    2.038872  163.071211
0.56334   110.698483  158.955636     1.302021
 0.004894    3.207744  222.059388

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -71.847458  -143.681384    -2.794724
-0.002657    -1.481281   -36.375600
0.14084   -71.847458  -143.681384    -2.794724
-0.002657    -0.314412   -47.581369
0.28167   -71.847458  -143.681384    -2.794724
-0.002657    -0.400843   -97.876419
0.42251   -71.847458  -143.681384    -2.794724
-0.002657    -0.947059  -156.939010
0.56334   -71.847458  -143.681384    -2.794724
-0.002657    -1.493092  -222.107072

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    9.764822   60.509820     0.243468
 0.002938    0.127607   62.523637
0.14084    9.764822   60.509820     0.243468
 0.002938    0.024772   49.057856
0.28167    9.764822   60.509820     0.243468
 0.002938    0.340289   37.050047
0.42251    9.764822   60.509820     0.243468
 0.002938    0.815145   43.679636
0.56334    9.764822   60.509820     0.243468
 0.002938    1.290371   53.177798

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -62.326177   -24.345776    -1.141735
-0.001242    -0.627990    -1.710194
0.14084   -62.326177   -24.345776    -1.141735
-0.001242    -0.149729    -2.537304
0.28167   -62.326177   -24.345776    -1.141735
-0.001242    -0.076429    -6.301242
0.42251   -62.326177   -24.345776    -1.141735
-0.001242    -0.179055   -23.298017
0.56334   -62.326177   -24.345776    -1.141735
-0.001242    -0.281005   -47.887067

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   28.101897  136.926240     0.597480
 0.002720    0.318643   62.172367
0.14084   28.101897  136.926240     0.597480
 0.002720    0.068459   31.777073
0.28167   28.101897  136.926240     0.597480
 0.002720    0.598659   18.266935
0.42251   28.101897  136.926240     0.597480
 0.002720    1.426055   20.721365
0.56334   28.101897  136.926240     0.597480
 0.002720    2.254018   25.581284
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    1947

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -61.036961   -13.497580    -1.983188
-0.002271    -1.076027   -11.449653
0.14084   -61.036961   -13.497580    -1.983188
-0.002271    -0.245898   -34.590933
0.28167   -61.036961   -13.497580    -1.983188
-0.002271    -0.181144   -74.950355
0.42251   -61.036961   -13.497580    -1.983188
-0.002271    -0.431653  -124.507228
0.56334   -61.036961   -13.497580    -1.983188
-0.002271    -0.682264  -180.913694

COMB DL-G2-3 ------------------- MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 75.015040 136.460707 1.035847
0.003896 0.548368 58.425996
0.14084 75.015040 136.460707 1.035847
0.003896 0.113858 56.269120
0.28167 75.015040 136.460707 1.035847
0.003896 0.808348 86.223484
0.42251 75.015040 136.460707 1.035847
0.003896 1.901176 127.035505
0.56334 75.015040 136.460707 1.035847
0.003896 2.994192 169.524662

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -78.666101 -104.081730 -2.611900
-0.001846 -1.387512 -21.138993
0.14084 -78.666101 -104.081730 -2.611900
-0.001846 -0.291969 -34.570709
0.28167 -78.666101 -104.081730 -2.611900
-0.001846 -0.319017 -77.373563
0.42251 -78.666101 -104.081730 -2.611900
-0.001846 -0.753656 -128.714759
0.56334 -78.666101 -104.081730 -2.611900
-0.001846 -1.187952 -184.532123

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 69.103683 171.827554 1.180827
0.003255 0.624976 56.930206
0.14084 69.103683 171.827554 1.180827
0.003255 0.130407 47.765658
0.28167 69.103683 171.827554 1.180827
0.003255 0.902344 74.736606
0.42251 69.103683 171.827554 1.180827
0.003255 2.131943 110.852499
0.56334 69.103683 171.827554 1.180827
0.003255 3.361740 148.421410

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -82.087734 -92.198308 -2.937350
-0.002769 -1.565668 -21.543353
0.14084 -82.087734 -92.198308 -2.937350
-0.002769 -0.334807 -46.572545
0.28167 -82.087734 -92.198308 -2.937350
-0.002769 -0.362461 -105.916924
0.42251 -82.087734 -92.198308 -2.937350
-0.002769 -0.857956 -172.904428
0.56334 -82.087734 -92.198308 -2.937350
-0.002769 -1.353270 -243.739384

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.519286 81.422284 0.499986
3.19E-06 0.265853 16.980960
0.14084 5.519286 81.422284 0.499986
3.19E-06 0.057520 3.752245
0.28167 5.519286 81.422284 0.499986
3.19E-06 0.370653 7.300138
0.42251 5.519286 81.422284 0.499986
3.19E-06 0.890856 10.990201
0.56334 5.519286 81.422284 0.499986
3.19E-06 1.411156 14.740610

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1948

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -35.195752 -9.813579 -1.240817
-0.001934 -0.669976 -3.634623
0.14084 -35.195752 -9.813579 -1.240817
-0.001934 -0.149713 -19.072480
0.28167 -35.195752 -9.813579 -1.240817
-0.001934 -0.150704 -52.860696
0.42251 -35.195752 -9.813579 -1.240817
-0.001934 -0.651778 -86.536298
0.56334 -35.195752 -9.813579 -1.240817
-0.001934 -0.570676 -120.918028

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 37.738815 159.317772 0.925082
8.49E-05 0.497829 23.174355
0.14084 37.738815 159.317772 0.925082
8.49E-05 0.111803 3.456983
0.28167 37.738815 159.317772 0.925082
8.49E-05 0.407529 14.071529
0.42251 37.738815 159.317772 0.925082
8.49E-05 1.458691 13.570975
0.56334 37.738815 159.317772 0.925082
8.49E-05 2.307660 19.232684

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -44.212825 -14.015826 -2.025055
-0.003285 -1.088916 -20.585348
0.14084 -44.212825 -14.015826 -2.025055
-0.003285 -0.240168 -63.658586
0.28167 -44.212825 -14.015826 -2.025055
-0.003285 -0.273955 -128.673611
0.42251 -44.212825 -14.015826 -2.025055
-0.003285 -0.662048 -194.401557
0.56334 -44.212825 -14.015826 -2.025055
-0.003285 -1.050442 -260.463506

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.471189 171.971073 0.966458
9.20E-06 0.515769 34.251573
0.14084 27.471189 171.971073 0.966458
9.20E-06 0.111449 6.130160
0.28167 27.471189 171.971073 0.966458
9.20E-06 0.811704 11.420954
0.42251 27.471189 171.971073 0.966458
9.20E-06 1.939671 16.973981
0.56334 27.471189 171.971073 0.966458
9.20E-06 3.067672 22.633913

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -63.806605 -14.566043 -2.690626
-0.002952 -1.445556 -13.885820
0.14084 -63.806605 -14.566043 -2.690626
-0.002952 -0.317333 -51.171023
0.28167 -63.806605 -14.566043 -2.690626
-0.002952 -0.291121 -122.010375
0.42251 -63.806605 -14.566043 -2.690626
-0.002952 -0.696781 -193.237231
0.56334 -63.806605 -14.566043 -2.690626
-0.002952 -1.102444 -264.601123

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 47.731725 187.277743 1.131063
0.002748 0.600415 66.268467
0.14084 47.731725 187.277743 1.131063
0.002748 0.126744 42.450641
0.28167 47.731725 187.277743 1.131063
0.002748 0.927818 55.959628
0.42251 47.731725 187.277743 1.131063
0.002748 2.206167 79.610461
0.56334 47.731725 187.277743 1.131063
0.002748 3.484796 104.920739

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1949

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -96.532238 -62.535249 -3.054011
-0.003249 -1.638775 -15.798572
0.14084 -96.532238 -62.535249 -3.054011
-0.003249 -0.360389 -45.602188
0.28167 -96.532238 -62.535249 -3.054011
-0.003249 -0.344931 -110.819160
0.42251 -96.532238 -62.535249 -3.054011
-0.003249 -0.819521 -184.002654
0.56334 -96.532238 -62.535249 -3.054011
-0.003249 -1.294111 -261.399201

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 89.038897 167.535806 0.678454
0.007120 0.360839 74.773489
0.14084 89.038897 167.535806 0.678454
0.007120 0.076084 46.261434
0.28167 89.038897 167.535806 0.678454
0.007120 0.568479 125.162938
0.42251 89.038897 167.535806 0.678454
0.007120 1.351004 186.839300
0.56334 89.038897 167.535806 0.678454
0.007120 2.133910 252.428703

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -90.315280 -156.775743 -1.875611
-0.003457 -1.014223 -31.306311
0.14084 -90.315280 -156.775743 -1.875611
-0.003457 -0.229757 -60.799643
0.28167 -90.315280 -156.775743 -1.875611
-0.003457 -0.210330 -112.068747
0.42251 -90.315280 -156.775743 -1.875611
-0.003457 -0.494520 -164.919102
0.56334 -90.315280 -156.775743 -1.875611
-0.003457 -0.778631 -226.912021

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 114.762218 187.277743 1.302021
0.007410 0.688952 75.738865
0.14084 114.762218 187.277743 1.302021
0.007410 0.144872 97.969258
0.28167 114.762218 187.277743 1.302021
0.007410 0.927818 149.500376
0.42251 114.762218 187.277743 1.302021
0.007410 2.206167 224.847167
0.56334 114.762218 187.277743 1.302021
0.007410 3.484796 304.007642

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -96.532238 -192.090094 -3.054011
-0.003285 -1.638775 -36.375600
0.14084 -96.532238 -192.090094 -3.054011
-0.003285 -0.360389 -63.658586
0.28167 -96.532238 -192.090094 -3.054011
-0.003285 -0.740084 -128.673611
0.42251 -96.532238 -192.090094 -3.054011
-0.003285 -0.947059 -194.401557
0.56334 -96.532238 -192.090094 -3.054011
-0.003285 -1.493092 -264.601123

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 114.762218 187.277743 1.302021
0.007410 0.688952 75.738865
0.14084 114.762218 187.277743 1.302021
0.007410 0.144872 97.969258
0.28167 114.762218 187.277743 1.302021
0.007410 0.927818 149.500376
0.42251 114.762218 187.277743 1.302021
0.007410 2.206167 224.847167
0.56334 114.762218 187.277743 1.302021
0.007410 3.484796 304.007642

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1950

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -96.532238 -192.090094 -3.054011
-0.003457 -1.638775 -36.375600
0.14084 -96.532238 -192.090094 -3.054011
-0.003457 -0.360389 -63.658586
0.28167 -96.532238 -192.090094 -3.054011
-0.003457 -0.400843 -128.673611
0.42251 -96.532238 -192.090094 -3.054011
-0.003457 -0.947059 -194.401557
0.56334 -96.532238 -192.090094 -3.054011
-0.003457 -1.493092 -264.601123

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 114.762218 187.277743 1.302021
0.007410 0.688952 75.738865
0.14084 114.762218 187.277743 1.302021
0.007410 0.144872 97.969258
0.28167 114.762218 187.277743 1.302021
0.007410 0.927818 149.500376
0.42251 114.762218 187.277743 1.302021
0.007410 2.206167 224.847167
0.56334 114.762218 187.277743 1.302021
0.007410 3.484796 304.007642

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -96.532238 -192.090094 -3.054011
-0.003457 -1.638775 -36.375600
0.14084 -96.532238 -192.090094 -3.054011
-0.003457 -0.360389 -63.658586
0.28167 -96.532238 -192.090094 -3.054011
-0.003457 -0.400843 -128.673611
0.42251 -96.532238 -192.090094 -3.054011
-0.003457 -0.947059 -194.401557
0.56334 -96.532238 -192.090094 -3.054011
-0.003457 -1.493092 -264.601123

ELEM 168 ========== LENGTH = 2.976955

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 39.904488 3.453214 0.489783
0.002471 0.513310 7.374471
0.57752 39.904488 3.453214 0.489783
0.002471 0.307974 5.953512
0.71834 39.904488 3.453214 0.489783
0.002471 0.102589 4.571037
0.85917 39.904488 3.453214 0.489783
0.002471 0.167657 3.293041
1.00000 39.904488 3.453214 0.489783
0.002471 0.513153 2.715608

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -5.971606 -36.741415 -0.824134
-1.92E-05 -0.868887 -81.103196
0.57752 -5.971606 -36.741415 -0.824134
-1.92E-05 -0.523378 -65.860603
0.71834 -5.971606 -36.741415 -0.824134
-1.92E-05 -0.177875 -50.846944
0.85917 -5.971606 -36.741415 -0.824134
-1.92E-05 0.102669 -36.358361
1.00000 -5.971606 -36.741415 -0.824134
-1.92E-05 -0.308034 -25.032451

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 45.313117 16.993621 0.696506
0.006265 0.730278 44.910162
0.57752 45.313117 16.993621 0.696506
0.006265 0.438276 39.003310
0.71834 45.313117 16.993621 0.696506
0.006265 0.146167 42.388070

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1951

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85917 45.313117 16.993621 0.696506
0.006265 0.321439 65.802749
1.00000 45.313117 16.993621 0.696506
0.006265 0.931377 92.458072

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -37.651346 -109.326674 -1.484151
-0.004350 -1.561354 -115.523143
0.57752 -37.651346 -109.326674 -1.484151
-0.004350 -0.939140 -75.203576
0.71834 -37.651346 -109.326674 -1.484151
-0.004350 -0.316918 -53.130651
0.85917 -37.651346 -109.326674 -1.484151
-0.004350 -0.145644 -36.796340
1.00000 -37.651346 -109.326674 -1.484151
-0.004350 -0.437731 -21.397648

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 41.691968 25.894965 0.800768
0.004851 0.839780 65.102440
0.57752 41.691968 25.894965 0.800768
0.004851 0.504067 55.746044
0.71834 41.691968 25.894965 0.800768
0.004851 0.168214 52.833110
0.85917 41.691968 25.894965 0.800768
0.004851 0.418242 63.729215
1.00000 41.691968 25.894965 0.800768
0.004851 1.235165 77.793573

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -30.017555 -92.876955 -1.968557
-0.003938 -2.069652 -107.033525
0.57752 -30.017555 -92.876955 -1.968557
-0.003938 -1.243356 -71.941541
0.71834 -30.017555 -92.876955 -1.968557
-0.003938 -0.418055 -50.349625
0.85917 -30.017555 -92.876955 -1.968557
-0.003938 -0.167237 -33.400640
1.00000 -30.017555 -92.876955 -1.968557
-0.003938 -0.503072 -19.103716

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 52.323238 37.299646 0.853448
0.004034 0.894161 78.333436
0.57752 52.323238 37.299646 0.853448
0.004034 0.536963 65.073684
0.71834 52.323238 37.299646 0.853448
0.004034 0.179027 57.243345
0.85917 52.323238 37.299646 0.853448
0.004034 0.178877 57.299566
1.00000 52.323238 37.299646 0.853448
0.004034 1.329862 67.932372

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -30.814631 -78.991345 -2.118952
-0.004118 -2.225734 -92.681583
0.57752 -30.814631 -78.991345 -2.118952
-0.004118 -1.337387 -62.749960
0.71834 -30.814631 -78.991345 -2.118952
-0.004118 -0.449045 -45.831254
0.85917 -30.814631 -78.991345 -2.118952
-0.004118 -0.178520 -37.916990
1.00000 -30.814631 -78.991345 -2.118952
-0.004118 -0.536433 -32.305413

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 3.493300 12.660136 0.208576
0.002962 0.219004 45.359447

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1952

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57752 3.493300 12.660136 0.208576
0.002962 0.131561 40.635040
0.71834 3.493300 12.660136 0.208576
0.002962 0.044032 43.813767
0.85917 3.493300 12.660136 0.208576
0.002962 0.172473 64.517040
1.00000 3.493300 12.660136 0.208576
0.002962 0.480490 90.620658

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -36.368306 -72.340948 -0.759173
-0.004020 -0.795814 -35.352914
0.57752 -36.368306 -72.340948 -0.759173
-0.004020 -0.477539 -10.158463
0.71834 -36.368306 -72.340948 -0.759173
-0.004020 -0.159257 -1.660659
0.85917 -36.368306 -72.340948 -0.759173
-0.004020 -0.043224 -1.051090
1.00000 -36.368306 -72.340948 -0.759173
-0.004020 -0.130769 -1.005795

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 17.595051 31.450506 0.407070
0.002757 0.427071 76.652086
0.57752 17.595051 31.450506 0.407070
0.002757 0.256412 65.184133
0.71834 17.595051 31.450506 0.407070
0.002757 0.085646 61.103641
0.85917 17.595051 31.450506 0.407070
0.002757 0.309852 72.913285
1.00000 17.595051 31.450506 0.407070
0.002757 0.896069 88.104422

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -29.796075 -65.853830 -1.421081
-0.004872 -1.490003 -35.523811
0.57752 -29.796075 -65.853830 -1.421081
-0.004872 -0.894231 -12.254956
0.71834 -29.796075 -65.853830 -1.421081
-0.004872 -0.298452 -6.696294
0.85917 -29.796075 -65.853830 -1.421081
-0.004872 -0.084810 -8.643571
1.00000 -29.796075 -65.853830 -1.421081
-0.004872 -0.255566 -12.713271

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 36.584618 51.823644 0.696958
0.003381 0.730914 117.869074
0.57752 36.584618 51.823644 0.696958
0.003381 0.438722 97.944731
0.71834 36.584618 51.823644 0.696958
0.003381 0.146398 83.345211
0.85917 36.584618 51.823644 0.696958
0.003381 0.412052 80.636938
1.00000 36.584618 51.823644 0.696958
0.003381 1.218587 81.152298

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -37.394517 -72.882420 -1.939942
-0.003770 -2.036722 -70.806046
0.57752 -37.394517 -72.882420 -1.939942
-0.003770 -1.223423 -43.441579
0.71834 -37.394517 -72.882420 -1.939942
-0.003770 -0.410129 -29.550440
0.85917 -37.394517 -72.882420 -1.939942
-0.003770 -0.145553 -22.189889
1.00000 -37.394517 -72.882420 -1.939942
-0.003770 -0.437853 -17.092175

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1953

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 34.988596 55.165022 0.786069
0.002826 0.824210 121.305290
0.57752 34.988596 55.165022 0.786069
0.002826 0.494659 99.592144
0.71834 34.988596 55.165022 0.786069
0.002826 0.164995 82.412680
0.85917 34.988596 55.165022 0.786069
0.002826 0.443144 75.260706
1.00000 34.988596 55.165022 0.786069
0.002826 1.314844 71.040838

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -39.494191 -62.392895 -2.092757
-0.003971 -2.196430 -62.935256
0.57752 -39.494191 -62.392895 -2.092757
-0.003971 -1.319068 -39.455830
0.71834 -39.494191 -62.392895 -2.092757
-0.003971 -0.441721 -26.815865
0.85917 -39.494191 -62.392895 -2.092757
-0.003971 -0.164345 -22.168255
1.00000 -39.494191 -62.392895 -2.092757
-0.003971 -0.493993 -21.509743

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 2.493327 18.136059 0.325830
4.29E-06 0.341529 34.606307
0.57752 2.493327 18.136059 0.325830
4.29E-06 0.204929 27.175047
0.71834 2.493327 18.136059 0.325830
4.29E-06 0.068323 19.805404
0.85917 2.493327 18.136059 0.325830
4.29E-06 0.154271 12.565415
1.00000 2.493327 18.136059 0.325830
4.29E-06 0.457919 5.614664

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -15.815109 -2.988500 -0.727917
-0.001250 -0.762770 -6.535811
0.57752 -15.815109 -2.988500 -0.727917
-0.001250 -0.457599 -5.291461
0.71834 -15.815109 -2.988500 -0.727917
-0.001250 -0.152468 -4.268375
0.85917 -15.815109 -2.988500 -0.727917
-0.001250 -0.068270 -3.304043
1.00000 -15.815109 -2.988500 -0.727917
-0.001250 -0.204872 -5.441905

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 26.847217 38.748362 0.521782
0.000114 0.546778 64.510981
0.57752 26.847217 38.748362 0.521782
0.000114 0.328027 50.489214
0.71834 26.847217 38.748362 0.521782
0.000114 0.109249 36.900740
0.85917 26.847217 38.748362 0.521782
0.000114 0.274104 24.161789
1.00000 26.847217 38.748362 0.521782
0.000114 0.821488 12.113509

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -20.661735 -6.057647 -1.306623
-0.002358 -1.369784 -10.266907
0.57752 -20.661735 -6.057647 -1.306623
-0.002358 -0.822011 -7.184944
0.71834 -20.661735 -6.057647 -1.306623
-0.002358 -0.274276 -10.688911
0.85917 -20.661735 -6.057647 -1.306623
-0.002358 -0.109440 -16.524126
1.00000 -20.661735 -6.057647 -1.306623
-0.002358 -0.328227 -28.276094

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1954

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 14.980546 40.421986 0.638257
0.000182 0.669221 85.505321
0.57752 14.980546 40.421986 0.638257
0.000182 0.401638 70.119435
0.71834 14.980546 40.421986 0.638257
0.000182 0.133974 55.561237
0.85917 14.980546 40.421986 0.638257
0.000182 0.381614 42.943766
1.00000 14.980546 40.421986 0.638257
0.000182 1.143086 33.773107

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-27.741748	-24.316495	-1.817831
-0.002954	-1.905532	-23.813154	
0.57752	-27.741748	-24.316495	-1.817831
-0.002954	-1.143441	-14.376087	
0.71834	-27.741748	-24.316495	-1.817831
-0.002954	-0.381378	-9.677706	
0.85917	-27.741748	-24.316495	-1.817831
-0.002954	-0.133462	-9.922655	
1.00000	-27.741748	-24.316495	-1.817831
-0.002954	-0.401108	-17.739232	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	22.780976	59.603070	0.752136
0.002594	0.788691	135.223586	
0.57752	22.780976	59.603070	0.752136
0.002594	0.473368	111.562927	
0.71834	22.780976	59.603070	0.752136
0.002594	0.157932	93.167545	
0.85917	22.780976	59.603070	0.752136
0.002594	0.440972	86.121063	
1.00000	22.780976	59.603070	0.752136
0.002594	1.302030	82.267695	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-49.551893	-60.013323	-2.069881
-0.004554	-2.171169	-48.992154	
0.57752	-49.551893	-60.013323	-2.069881
-0.004554	-1.303440	-26.961151	
0.71834	-49.551893	-60.013323	-2.069881
-0.004554	-0.435664	-17.509296	
0.85917	-49.551893	-60.013323	-2.069881
-0.004554	-0.157181	-13.612350	
1.00000	-49.551893	-60.013323	-2.069881
-0.004554	-0.472601	-16.445143	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	57.342636	4.580310	0.988017
0.002803	1.036046	10.946888	
0.57752	57.342636	4.580310	0.988017
0.002803	0.621680	9.080274	
0.71834	57.342636	4.580310	0.988017
0.002803	0.207452	7.270397	
0.85917	57.342636	4.580310	0.988017
0.002803	0.325741	5.575353	
1.00000	57.342636	4.580310	0.988017
0.002803	0.995238	4.178285	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.122931	-43.666861	-1.594274
-1.50E-05	-1.677418	-104.038524	
0.57752	-11.122931	-43.666861	-1.594274
-1.50E-05	-1.008777	-85.823245	
0.71834	-11.122931	-43.666861	-1.594274
-1.50E-05	-0.339381	-67.677505	
0.85917	-11.122931	-43.666861	-1.594274
-1.50E-05	-0.169218	-49.532118	
1.00000	-11.122931	-43.666861	-1.594274
-1.50E-05	-0.620604	-33.359573	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1955

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	64.710936	19.476292	1.360859
0.006058	1.427395	42.218063	
0.57752	64.710936	19.476292	1.360859
0.006058	0.856989	38.072880	
0.71834	64.710936	19.476292	1.360859
0.006058	0.286016	45.875626	
0.85917	64.710936	19.476292	1.360859
0.006058	0.585167	70.328283	
1.00000	64.710936	19.476292	1.360859
0.006058	1.726352	95.932978	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-42.108661	-115.589176	-2.744080
-0.004789	-2.879270	-137.358362	
0.57752	-42.108661	-115.589176	-2.744080
-0.004789	-1.702366	-91.180086	
0.71834	-42.108661	-115.589176	-2.744080
-0.004789	-0.576674	-66.684849	
0.85917	-42.108661	-115.589176	-2.744080
-0.004789	-0.285149	-48.337835	
1.00000	-42.108661	-115.589176	-2.744080
-0.004789	-0.855262	-30.511060	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	61.077745	29.032842	1.499112
0.004861	1.572715	68.609132	
0.57752	61.077745	29.032842	1.499112
0.004861	0.943790	59.839888	
0.71834	61.077745	29.032842	1.499112
0.004861	0.314868	59.882701	
0.85917	61.077745	29.032842	1.499112
0.004861	0.171273	71.964273	
1.00000	61.077745	29.032842	1.499112
0.004861	2.120075	85.720601	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-38.531941	-97.639434	-3.374154
-0.004331	-3.540455	-125.537005	
0.57752	-38.531941	-97.639434	-3.374154
-0.004331	-2.125903	-86.424554	
0.71834	-38.531941	-97.639434	-3.374154
-0.004331	-0.710740	-63.436249	
0.85917	-38.531941	-97.639434	-3.374154
-0.004331	-0.313929	-44.635706	
1.00000	-38.531941	-97.639434	-3.374154
-0.004331	-0.942146	-28.742827	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	63.700429	44.852630	1.607606
0.004045	1.684946	86.941534	
0.57752	63.700429	44.852630	1.607606
0.004045	1.010921	71.659169	
0.71834	63.700429	44.852630	1.607606
0.004045	0.337013	64.539139	
0.85917	63.700429	44.852630	1.607606
0.004045	0.748732	68.493024	
1.00000	63.700429	44.852630	1.607606
0.004045	2.235142	74.667519	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-38.638853	-83.151721	-3.558222
-0.004516	-3.733604	-108.959098	
0.57752	-38.638853	-83.151721	-3.558222
-0.004516	-2.241912	-75.651804	
0.71834	-38.638853	-83.151721	-3.558222
-0.004516	-0.749775	-57.464774	
0.85917	-38.638853	-83.151721	-3.558222
-0.004516	-0.336623	-45.270637	
1.00000	-38.638853	-83.151721	-3.558222
-0.004516	-1.009950	-36.604595	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1956

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	5.799396	11.226606	0.329044
0.002160	0.345550	38.280176	
0.57752	5.799396	11.226606	0.329044
0.002160	0.207564	35.884360	
0.71834	5.799396	11.226606	0.329044
0.002160	0.069181	42.307165	
0.85917	5.799396	11.226606	0.329044
0.002160	0.265173	61.997516	
1.00000	5.799396	11.226606	0.329044
0.002160	0.762191	84.117600	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-34.107625	-63.884066	-1.203210
-0.003692	-1.258452	-37.005367	
0.57752	-34.107625	-63.884066	-1.203210
-0.003692	-0.753548	-11.831004	
0.71834	-34.107625	-63.884066	-1.203210
-0.003692	-0.249123	-2.190286	
0.85917	-34.107625	-63.884066	-1.203210
-0.003692	-0.069035	-1.297219	
1.00000	-34.107625	-63.884066	-1.203210
-0.003692	-0.206721	-1.230382	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	17.024380	33.100935	0.692624
0.002006	0.725949	75.599043	
0.57752	17.024380	33.100935	0.692624
0.002006	0.435668	64.775600	
0.71834	17.024380	33.100935	0.692624
0.002006	0.145275	62.803714	
0.85917	17.024380	33.100935	0.692624
0.002006	0.462969	73.000049	
1.00000	17.024380	33.100935	0.692624
0.002006	1.359218	85.510837	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-31.296284	-58.584397	-2.154728
-0.004688	-2.256596	-37.068549	
0.57752	-31.296284	-58.584397	-2.154728
-0.004688	-1.353496	-14.343458	
0.71834	-31.296284	-58.584397	-2.154728
-0.004688	-0.450179	-8.098133	
0.85917	-31.296284	-58.584397	-2.154728
-0.004688	-0.145827	-7.644826	
1.00000	-31.296284	-58.584397	-2.154728
-0.004688	-0.435514	-10.665058	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	43.525828	52.830055	1.281730
0.002899	1.343885	117.753171	
0.57752	43.525828	52.830055	1.281730
0.002899	0.806595	98.002568	
0.71834	43.525828	52.830055	1.281730
0.002899	0.269290	84.314343	
0.85917	43.525828	52.830055	1.281730
0.002899	0.672644	79.032689	
1.00000	43.525828	52.830055	1.281730
0.002899	2.009936	75.975831	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-42.976112	-67.133577	-3.199312
-0.003452	-3.395509	-76.943176	
0.57752	-42.976112	-67.133577	-3.199312
-0.003452	-2.014314	-49.880032	
0.71834	-42.976112	-67.133577	-3.199312
-0.003452	-0.672399	-34.446926	
0.85917	-42.976112	-67.133577	-3.199312
-0.003452	-0.268284	-23.992354	
1.00000	-42.976112	-67.133577	-3.199312
-0.003452	-0.805303	-16.702656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1957

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	40.429094	60.803281	1.439597
0.002422	1.508640	127.510243	
0.57752	40.429094	60.803281	1.439597
0.002422	0.904723	103.869074	
0.71834	40.429094	60.803281	1.439597
0.002422	0.301631	85.419072	
0.85917	40.429094	60.803281	1.439597
0.002422	0.726893	74.871355	
1.00000	40.429094	60.803281	1.439597
0.002422	2.174954	66.957912	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-45.373607	-58.022201	-3.461750
-0.003778	-3.630740	-68.835823	
0.57752	-45.373607	-58.022201	-3.461750
-0.003778	-2.179481	-45.718686	
0.71834	-45.373607	-58.022201	-3.461750
-0.003778	-0.727578	-31.940191	
0.85917	-45.373607	-58.022201	-3.461750
-0.003778	-0.301178	-24.270480	
1.00000	-45.373607	-58.022201	-3.461750
-0.003778	-0.903755	-20.565604	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	3.311615	23.759306	0.567655
2.25E-06	0.594541	43.596237	
0.57752	3.311615	23.759306	0.567655
2.25E-06	0.356545	33.760522	
0.71834	3.311615	23.759306	0.567655
2.25E-06	0.118087	24.012047	
0.85917	3.311615	23.759306	0.567655
2.25E-06	0.262203	15.546760	
1.00000	3.311615	23.759306	0.567655
2.25E-06	0.786503	6.269007	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-20.317351	-3.736250	-1.250835
-0.001374	-1.311119	-8.389222	
0.57752	-20.317351	-3.736250	-1.250835
-0.001374	-0.786751	-6.853859	
0.71834	-20.317351	-3.736250	-1.250835
-0.001374	-0.262474	-5.452274	
0.85917	-20.317351	-3.736250	-1.250835
-0.001374	-0.118122	-4.330136	
1.00000	-20.317351	-3.736250	-1.250835
-0.001374	-0.356570	-5.849765	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	23.118125	50.696463	0.974162
6.25E-05	1.019575	79.836960	
0.57752	23.118125	50.696463	0.974162
6.25E-05	0.609804	60.478328	
0.71834	23.118125	50.696463	0.974162
6.25E-05	0.202949	42.720098	
0.85917	23.118125	50.696463	0.974162
6.25E-05	0.447114	26.668059	
1.00000	23.118125	50.696463	0.974162
6.25E-05	1.342751	12.434314	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-25.458683	-6.481780	-2.137173
-0.002554	-2.241439	-13.058397	
0.57752	-25.458683	-6.481780	-2.137173
-0.002554	-1.345393	-10.533749	
0.71834	-25.458683	-6.481780	-2.137173
-0.002554	-0.449632	-11.828654	
0.85917	-25.458683	-6.481780	-2.137173
-0.002554	-0.203612	-15.586352	
1.00000	-25.458683	-6.481780	-2.137173
-0.002554	-0.610485	-23.914304	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1958

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	16.664326	49.523909	1.090694
5.66E-06	1.144102	99.227857	
0.57752	16.664326	49.523909	1.090694
5.66E-06	0.683720	80.698235	
0.71834	16.664326	49.523909	1.090694
5.66E-06	0.227872	62.695823	
0.85917	16.664326	49.523909	1.090694
5.66E-06	0.594083	47.187893	
1.00000	16.664326	49.523909	1.090694
5.66E-06	1.784812	35.183496	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-34.461032	-20.131838	-2.841419
-0.002815	-2.979201	-25.644954	
0.57752	-34.461032	-20.131838	-2.841419
-0.002815	-1.787725	-17.875706	
0.71834	-34.461032	-20.131838	-2.841419
-0.002815	-0.596931	-12.286624	
0.85917	-34.461032	-20.131838	-2.841419
-0.002815	-0.227860	-11.611178	
1.00000	-34.461032	-20.131838	-2.841419
-0.002815	-0.683720	-17.149954	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	28.255702	65.551270	1.344170
0.001919	1.407904	139.663946	
0.57752	28.255702	65.551270	1.344170
0.001919	0.844006	114.400562	
0.71834	28.255702	65.551270	1.344170
0.001919	0.280110	94.784966	
0.85917	28.255702	65.551270	1.344170
0.001919	0.716772	83.513689	
1.00000	28.255702	65.551270	1.344170
0.001919	2.138047	75.499266	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-53.642543	-53.046120	-3.399947
-0.004183	-3.564287	-52.584036	
0.57752	-53.642543	-53.046120	-3.399947
-0.004183	-2.138664	-31.595745	
0.71834	-53.642543	-53.046120	-3.399947
-0.004183	-0.713240	-20.920766	
0.85917	-53.642543	-53.046120	-3.399947
-0.004183	-0.281063	-15.810815	
1.00000	-53.642543	-53.046120	-3.399947
-0.004183	-0.843213	-16.422238	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	52.323238	59.603070	0.853448
0.006265	0.894761	135.223586	
0.57752	52.323238	59.603070	0.853448
0.006265	0.536963	111.562927	
0.71834	52.323238	59.603070	0.853448
0.006265	0.179027	93.167545	
0.85917	52.323238	59.603070	0.853448
0.006265	0.448477	86.121063	
1.00000	52.323238	59.603070	0.853448
0.006265	1.329862	92.458072	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-49.551893	-109.326674	-2.118952
-0.004872	-2.225134	-115.589143	
0.57752	-49.551893	-109.326674	-2.118952
-0.004872	-1.337387	-75.203576	
0.71834	-49.551893	-109.326674	-2.118952
-0.004872	-0.449045	-53.130651	
0.85917	-49.551893	-109.326674	-2.118952
-0.004872	-0.178220	-37.216890	
1.00000	-49.551893	-109.326674	-2.118952
-0.004872	-0.536433	-32.305413	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1959

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	64.710936	65.551270	1.607606
0.006058	1.684946	139.663946	
0.57752	64.710936	65.551270	1.607606
0.006058	1.010921	114.400562	
0.71834	64.710936	65.551270	1.607606
0.006058	0.337013	94.784966	
0.85917	64.710936	65.551270	1.607606
0.006058	0.748732	83.513689	
1.00000	64.710936	65.551270	1.607606
0.006058	2.235142	95.932978	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-53.642543	-115.589176	-3.558222
-0.004789	-3.733604	-137.358362	
0.57752	-53.642543	-115.589176	-3.558222
-0.004789	-2.241912	-91.180086	
0.71834	-53.642543	-115.589176	-3.558222
-0.004789	-0.749775	-67.677505	
0.85917	-53.642543	-115.589176	-3.558222
-0.004789	-0.336623	-49.932118	
1.00000	-53.642543	-115.589176	-3.558222
-0.004789	-1.009950	-36.604595	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	64.710936	65.551270	1.607606
0.006265	1.684946	139.663946	
0.57752	64.710936	65.551270	1.607606
0.006265	1.010921	114.400562	
0.71834	64.710936	65.551270	1.607606
0.006265	0.337013	94.784966	
0.85917	64.710936	65.551270	1.607606
0.006265	0.748732	86.121063	
1.00000	64.710936	65.551270	1.607606
0.006265	2.235142	95.932978	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-53.642543	-115.589176	-3.558222
-0.004872	-3.733604	-137.358362	
0.57752	-53.642543	-115.589176	-3.558222
-0.004872	-2.241912	-91.180086	
0.71834	-53.642543	-115.589176	-3.558222
-0.004872	-0.749775	-67.677505	
0.85917	-53.642543	-115.589176	-3.558222
-0.004872	-0.336623	-49.932118	
1.00000	-53.642543	-115.589176	-3.558222
-0.004872	-1.009950	-36.604595	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	64.710936	65.551270	1.607606
0.006265	1.684946	139.663946	
0.57752	64.710936	65.551270	1.607606
0.006265	1.010921	114.400562	
0.71834	64.710936	65.551270	1.607606
0.006265	0.337013	94.784966	
0.85917	64.710936	65.551270	1.607606
0.006265	0.748732	86.121063	
1.00000	64.710936	65.551270	1.607606
0.006265	2.235142	95.932978	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-53.642543	-115.589176	-3.558222
-0.004872	-3.733604	-137.358362	
0.57752	-53.642543	-115.589176	-3.558222
-0.004872	-2.241912	-91.180086	
0.71834	-53.642543	-115.589176	-3.558222
-0.004872	-0.749775	-67.677505	
0.85917	-53.642543	-115.589176	-3.558222
-0.004872	-0.336623	-49.932118	
1.00000	-53.642543	-115.589176	-3.558222
-0.004872	-1.009950	-36.604595	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1960

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 169 ========== LENGTH = 2.977141

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.210784	3.500334	0.469001
0.002386	0.296770	2.715387	
0.14083	40.210784	3.500334	0.469001
0.002386	0.100114	3.007188	
0.28167	40.210784	3.500334	0.469001
0.002386	0.106655	12.417318	
0.42250	40.210784	3.500334	0.469001
0.002386	0.328039	27.456354	
0.56334	40.210784	3.500334	0.469001
0.002386	0.549415	42.673869	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.120136	-36.635650	-0.527994
-4.97E-06	-0.336117	-25.042628	
0.14083	-6.120136	-36.635650	-0.527994
-4.97E-06	-0.114748	-20.718085	
0.28167	-6.120136	-36.635650	-0.527994
-4.97E-06	-0.096512	-16.578689	
0.42250	-6.120136	-36.635650	-0.527994
-4.97E-06	-0.293167	-13.370559	
0.56334	-6.120136	-36.635650	-0.527994
-4.97E-06	-0.489812	-10.470846	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	45.824963	74.306211	0.661247
0.007449	0.418450	92.624408	
0.14083	45.824963	74.306211	0.661247
0.007449	0.141136	68.843409	
0.28167	45.824963	74.306211	0.661247
0.007449	0.248759	57.855798	
0.42250	45.824963	74.306211	0.661247
0.007449	0.751143	72.623284	
0.56334	45.824963	74.306211	0.661247
0.007449	1.261819	95.888065	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.308579	-58.231546	-1.228064
-0.003347	-0.797881	-21.405115	
0.14083	-43.308579	-58.231546	-1.228064
-0.003347	-0.283916	-18.083495	
0.28167	-43.308579	-58.231546	-1.228064
-0.003347	-0.135993	-18.877285	
0.42250	-43.308579	-58.231546	-1.228064
-0.003347	-0.413303	-20.193703	
0.56334	-43.308579	-58.231546	-1.228064
-0.003347	-0.690555	-56.616995	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.129436	64.796595	0.763225
0.005646	0.482856	77.900823	
0.14083	42.129436	64.796595	0.763225
0.005646	0.162733	62.499560	
0.28167	42.129436	64.796595	0.763225
0.005646	0.361674	61.450603	
0.42250	42.129436	64.796595	0.763225
0.005646	1.091170	78.650036	
0.56334	42.129436	64.796595	0.763225
0.005646	1.826304	102.257039	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.620048	-58.599052	-1.760178
-0.002793	-1.125805	-19.111450	
0.14083	-33.620048	-58.599052	-1.760178
-0.002793	-0.388426	-15.854487	
0.28167	-33.620048	-58.599052	-1.760178
-0.002793	-0.157046	-14.795885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1961

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-33.620048	-58.599052	-1.760178
-0.002793	-0.477170	-27.559553	
0.56334	-33.620048	-58.599052	-1.760178
-0.002793	-0.797179	-51.203354	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.704998	69.580214	0.827564
0.004694	0.523528	68.019298	
0.14083	52.704998	69.580214	0.827564
0.004694	0.176447	52.544052	
0.28167	52.704998	69.580214	0.827564
0.004694	0.411827	51.894287	
0.42250	52.704998	69.580214	0.827564
0.004694	1.241721	67.013317	
0.56334	52.704998	69.580214	0.827564
0.004694	2.076291	87.466927	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.593499	-50.551657	-1.996161
-0.003376	-1.271589	-32.313416	
0.14083	-33.593499	-50.551657	-1.996161
-0.003376	-0.435160	-36.132869	
0.28167	-33.593499	-50.551657	-1.996161
-0.003376	-0.170336	-43.509580	
0.42250	-33.593499	-50.551657	-1.996161
-0.003376	-0.517429	-58.865033	
0.56334	-33.593499	-50.551657	-1.996161
-0.003376	-0.864415	-85.015787	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.612775	61.368658	0.193905
0.003964	0.122660	90.753555	
0.14083	3.612775	61.368658	0.193905
0.003964	0.041247	76.942823	
0.28167	3.612775	61.368658	0.193905
0.003964	0.171627	63.169498	
0.42250	3.612775	61.368658	0.193905
0.003964	0.511538	67.824886	
0.56334	3.612775	61.368658	0.193905
0.003964	0.858409	79.538384	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.872803	-30.102564	-0.835740
-0.002793	-0.543298	-1.005796	
0.14083	-40.872803	-30.102564	-0.835740
-0.002793	-0.193646	-0.959308	
0.28167	-40.872803	-30.102564	-0.835740
-0.002793	-0.039840	-0.984910	
0.42250	-40.872803	-30.102564	-0.835740
-0.002793	-0.121245	-9.118482	
0.56334	-40.872803	-30.102564	-0.835740
-0.002793	-0.202547	-29.570591	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.694217	76.898075	0.391707
0.003589	0.247635	88.226624	
0.14083	17.694217	76.898075	0.391707
0.003589	0.083311	69.692095	
0.28167	17.694217	76.898075	0.391707
0.003589	0.315836	55.065514	
0.42250	17.694217	76.898075	0.391707
0.003589	0.906944	68.106869	
0.56334	17.694217	76.898075	0.391707
0.003589	1.582326	68.364157	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.657999	-26.737183	-1.525882
-0.003652	-0.976842	-12.713915	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1962
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.14083	-33.657999	-26.737183	-1.525882
-0.003652	-0.337775	-16.801753	
0.28167	-33.657999	-26.737183	-1.525882
-0.003652	-0.080745	-20.955427	
0.42250	-33.657999	-26.737183	-1.525882
-0.003652	-0.245077	-34.852381	
0.56334	-33.657999	-26.737183	-1.525882
-0.003652	-0.409314	-63.151715	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	36.934910	83.155724	0.668235
0.004347	0.422732	81.229745	
0.14083	36.934910	83.155724	0.668235
0.004347	0.142458	61.436549	
0.28167	36.934910	83.155724	0.668235
0.004347	0.386913	60.534820	
0.42250	36.934910	83.155724	0.668235
0.004347	1.164519	73.617330	
0.56334	36.934910	83.155724	0.668235
0.004347	1.946705	91.858645	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-39.914904	-45.252182	-1.871088
-0.002768	-1.191408	-17.095621	
0.14083	-39.914904	-45.252182	-1.871088
-0.002768	-0.407452	-16.220410	
0.28167	-39.914904	-45.252182	-1.871088
-0.002768	-0.137528	-28.130623	
0.42250	-39.914904	-45.252182	-1.871088
-0.002768	-0.417811	-49.043064	
0.56334	-39.914904	-45.252182	-1.871088
-0.002768	-0.697992	-80.978962	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	35.322631	81.318165	0.768136
0.003633	0.486023	71.103529	
0.14083	35.322631	81.318165	0.768136
0.003633	0.163672	51.226565	
0.28167	35.322631	81.318165	0.768136
0.003633	0.437470	50.556373	
0.42250	35.322631	81.318165	0.768136
0.003633	1.316462	61.949940	
0.56334	35.322631	81.318165	0.768136
0.003633	2.199291	77.782736	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.384670	-39.239157	-2.110220
-0.003435	-1.339875	-21.514735	
0.14083	-41.384670	-39.239157	-2.110220
-0.003435	-0.455562	-24.578491	
0.28167	-41.384670	-39.239157	-2.110220
-0.003435	-0.158019	-38.301789	
0.42250	-41.384670	-39.239157	-2.110220
-0.003435	-0.480182	-59.753877	
0.56334	-41.384670	-39.239157	-2.110220
-0.003435	-0.802250	-90.445979	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.423955	18.067329	0.335775
5.78E-06	0.212582	5.611315	
0.14083	2.423955	18.067329	0.335775
5.78E-06	0.071796	1.982260	
0.28167	2.423955	18.067329	0.335775
5.78E-06	0.180873	2.442642	
0.42250	2.423955	18.067329	0.335775
5.78E-06	0.543733	2.930040	
0.56334	2.423955	18.067329	0.335775
5.78E-06	0.906601	3.433306	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1963
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.467293	-2.928548	-0.865455
-0.001739	-0.544890	-5.446183	
0.14083	-15.467293	-2.928548	-0.865455
-0.001739	-0.182019	-10.435589	
0.28167	-15.467293	-2.928548	-0.865455
-0.001739	-0.068989	-15.974669	
0.42250	-15.467293	-2.928548	-0.865455
-0.001739	-0.209774	-21.848319	
0.56334	-15.467293	-2.928548	-0.865455
-0.001739	-0.350560	-28.420660	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.772424	40.676896	0.534442
0.000149	0.338191	12.112652	
0.14083	26.772424	40.676896	0.534442
0.000149	0.114074	2.392805	
0.28167	26.772424	40.676896	0.534442
0.000149	0.309725	1.983031	
0.42250	26.772424	40.676896	0.534442
0.000149	0.931494	3.285316	
0.56334	26.772424	40.676896	0.534442
0.000149	1.553526	5.024004	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.244002	-4.404153	-1.483875
-0.002979	-0.935147	-28.282414	
0.14083	-20.244002	-4.404153	-1.483875
-0.002979	-0.313014	-41.252834	
0.28167	-20.244002	-4.404153	-1.483875
-0.002979	-0.110256	-54.654616	
0.42250	-20.244002	-4.404153	-1.483875
-0.002979	-0.334060	-68.720378	
0.56334	-20.244002	-4.404153	-1.483875
-0.002979	-0.558144	-83.632804	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.914655	43.420199	0.639227
0.000237	0.404434	33.769010	
0.14083	14.914655	43.420199	0.639227
0.000237	0.136361	30.570705	
0.28167	14.914655	43.420199	0.639227
0.000237	0.421914	36.440877	
0.42250	14.914655	43.420199	0.639227
0.000237	1.267913	44.356694	
0.56334	14.914655	43.420199	0.639227
0.000237	2.114338	54.219899	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-27.252501	-22.444559	-2.019250
-0.002863	-1.272233	-17.743704	
0.14083	-27.252501	-22.444559	-2.019250
-0.002863	-0.425641	-26.478344	
0.28167	-27.252501	-22.444559	-2.019250
-0.002863	-0.131537	-35.588399	
0.42250	-27.252501	-22.444559	-2.019250
-0.002863	-0.399622	-47.385549	
0.56334	-27.252501	-22.444559	-2.019250
-0.002863	-0.667640	-63.260786	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.942629	90.760823	0.740409
0.003477	0.468545	82.345449	
0.14083	22.942629	90.760823	0.740409
0.003477	0.158026	57.851341	
0.28167	22.942629	90.760823	0.740409
0.003477	0.456083	50.441340	
0.42250	22.942629	90.760823	0.740409
0.003477	1.370068	58.117545	
0.56334	22.942629	90.760823	0.740409
0.003477	2.288650	70.962147	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1964
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-51.841031	-32.585797	-2.196347
-0.004142	-1.394953	-16.640979	
0.14083	-51.841031	-32.585797	-2.196347
-0.004142	-0.474594	-22.772978	
0.28167	-51.841031	-32.585797	-2.196347
-0.004142	-0.152259	-33.910327	
0.42250	-51.841031	-32.585797	-2.196347
-0.004142	-0.462779	-47.220340	
0.56334	-51.841031	-32.585797	-2.196347
-0.004142	-0.773218	-91.126590	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	57.967373	4.612245	0.932783
0.002714	0.589980	4.178446	
0.14083	57.967373	4.612245	0.932783
0.002714	0.198780	3.634883	
0.28167	57.967373	4.612245	0.932783
0.002714	0.233529	14.010973	
0.42250	57.967373	4.612245	0.932783
0.002714	0.716322	30.496966	
0.56334	57.967373	4.612245	0.932783
0.002714	1.198972	47.577828	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.506958	-43.723116	-1.150282
-2.78E-06	-0.728903	-33.370265	
0.14083	-11.506958	-43.723116	-1.150282
-2.78E-06	-0.246065	-20.766328	
0.28167	-11.506958	-43.723116	-1.150282
-2.78E-06	-0.191695	-15.656174	
0.42250	-11.506958	-43.723116	-1.150282
-2.78E-06	-0.582833	-14.687483	
0.56334	-11.506958	-43.723116	-1.150282
-2.78E-06	-0.974084	-14.268771	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	65.698088	79.217590	1.270085
0.008266	0.803958	95.963067	
0.14083	65.698088	79.217590	1.270085
0.008266	0.271040	69.677337	
0.28167	65.698088	79.217590	1.270085
0.008266	0.478990	58.508724	
0.42250	65.698088	79.217590	1.270085
0.008266	1.462993	72.882272	
0.56334	65.698088	79.217590	1.270085
0.008266	2.452135	97.071513	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.508182	-61.942559	-2.369759
-0.002846	-1.520155	-30.522080	
0.14083	-44.508182	-61.942559	-2.369759
-0.002846	-0.526497	-18.762419	
0.28167	-44.508182	-61.942559	-2.369759
-0.002846	-0.260714	-18.570537	
0.42250	-44.508182	-61.942559	-2.369759
-0.002846	-0.793564	-32.816587	
0.56334	-44.508182	-61.942559	-2.369759
-0.002846	-1.326009	-64.402963	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	61.967673	71.414772	1.418005
0.006441	0.896994	85.734278	
0.14083	61.967673	71.414772	1.418005
0.006441	0.301914	64.692876	
0.28167	61.967673	71.414772	1.418005
0.006441	0.631932	58.755259	
0.42250	61.967673	71.414772	1.418005
0.006441	1.918260	73.610412	
0.56334	61.967673	71.414772	1.418005
0.006441	3.205151	96.661120	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1965
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-39.993863	-59.963114	-3.084380
-0.002458	-1.963300	-28.752284	
0.14083	-39.993863	-59.963114	-3.084380
-0.002458	-0.670502	-18.407297	
0.28167	-39.993863	-59.963114	-3.084380
-0.002458	-0.291568	-18.893126	
0.42250	-39.993863	-59.963114	-3.084380
-0.002458	-0.886369	-31.777811	
0.56334	-39.993863	-59.963114	-3.084380
-0.002458	-1.480697	-59.603251	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	64.366917	80.092517	1.577884
0.005356	0.997048	74.676439	
0.14083	64.366917	80.092517	1.577884
0.005356	0.375006	54.390052	
0.28167	64.366917	80.092517	1.577884
0.005356	0.692913	49.797011	
0.42250	64.366917	80.092517	1.577884
0.005356	2.100203	62.828523	
0.56334	64.366917	80.092517	1.577884
0.005356	3.510617	82.754956	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-39.585474	-51.883330	-3.370284
-0.003138	-2.140706	-36.613388	
0.14083	-39.585474	-51.883330	-3.370284
-0.003138	-0.727988	-34.319415	
0.28167	-39.585474	-51.883330	-3.370284
-0.003138	-0.324831	-43.055823	
0.42250	-39.585474	-51.883330	-3.370284
-0.003138	-0.986654	-62.321165	
0.56334	-39.585474	-51.883330	-3.370284
-0.003138	-1.648166	-94.280734	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.054354	53.648512	0.300333
0.003712	0.190397	84.131241	
0.14083	6.054354	53.648512	0.300333
0.003712	0.063930	71.670213	
0.28167	6.054354	53.648512	0.300333
0.003712	0.271365	59.770054	
0.42250	6.054354	53.648512	0.300333
0.003712	0.820598	62.750302	
0.56334	6.054354	53.648512	0.300333
0.003712	1.373428	72.301920	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-35.387307	-26.953688	-1.327066
-0.001991	-0.851290	-1.230119	
0.14083	-35.387307	-26.953688	-1.327066
-0.001991	-0.295415	-1.363231	
0.28167	-35.387307	-26.953688	-1.327066
-0.001991	-0.061428	-1.719980	
0.42250	-35.387307	-26.953688	-1.327066
-0.001991	-0.187897	-10.076122	
0.56334	-35.387307	-26.953688	-1.327066
-0.001991	-0.313646	-30.391025	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.223750	73.780342	0.709162
0.003435	0.447192	85.519843	
0.14083	17.223750	73.780342	0.709162
0.003435	0.149740	66.279726	
0.28167	17.223750	73.780342	0.709162
0.003435	0.478240	50.374771	
0.42250	17.223750	73.780342	0.709162
0.003435	1.441149	50.202079	
0.56334	17.223750	73.780342	0.709162
0.003435	2.407836	58.285545	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1966
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-32.138124	-23.357161	-2.313990
-0.002837	-1.473243	-10.664283	
0.14083	-32.138124	-23.357161	-2.313990
-0.002837	-0.504040	-14.737792	
0.28167	-32.138124	-23.357161	-2.313990
-0.002837	-0.146871	-19.914538	
0.42250	-32.138124	-23.357161	-2.313990
-0.002837	-0.444274	-36.084980	
0.56334	-32.138124	-23.357161	-2.313990
-0.002837	-0.741728	-64.467928	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	44.204746	78.389497	1.252944
0.004248	0.791314	75.969628	
0.14083	44.204746	78.389497	1.252944
0.004248	0.265965	59.754449	
0.28167	44.204746	78.389497	1.252944
0.004248	0.643750	57.970695	
0.42250	44.204746	78.389497	1.252944
0.004248	1.946758	68.855405	
0.56334	44.204746	78.389497	1.252944
0.004248	3.252065	85.894794	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.588550	-44.322926	-3.118070
-0.002069	-1.976559	-16.705649	
0.14083	-43.588550	-44.322926	-3.118070
-0.002069	-0.669448	-15.052146	
0.28167	-43.588550	-44.322926	-3.118070
-0.002069	-0.258176	-27.859261	
0.42250	-43.588550	-44.322926	-3.118070
-0.002069	-0.783870	-49.047347	
0.56334	-43.588550	-44.322926	-3.118070
-0.002069	-1.309375	-80.361498	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.902660	82.108567	1.427437
0.003551	0.901629	66.950149	
0.14083	40.902660	82.108567	1.427437
0.003551	0.302915	49.965206	
0.28167	40.902660	82.108567	1.427437
0.003551	0.721355	48.553687	
0.42250	40.902660	82.108567	1.427437
0.003551	2.179950	58.446055	
0.56334	40.902660	82.108567	1.427437
0.003551	3.640486	73.296482	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.555265	-38.883837	-3.487555
-0.002962	-2.208048	-20.569543	
0.14083	-45.555265	-38.883837	-3.487555
-0.002962	-0.746011	-22.958310	
0.28167	-45.555265	-38.883837	-3.487555
-0.002962	-0.293569	-39.733541	
0.42250	-45.555265	-38.883837	-3.487555
-0.002962	-0.892389	-64.060546	
0.56334	-45.555265	-38.883837	-3.487555
-0.002962	-1.491180	-96.806276	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.147117	23.603020	0.598387
3.84E-06	0.377747	6.264664	
0.14083	3.147117	23.603020	0.598387
3.84E-06	0.126652	2.072365	
0.28167	3.147117	23.603020	0.598387
3.84E-06	0.300333	2.967354	
0.42250	3.147117	23.603020	0.598387
3.84E-06	0.905357	4.343691	
0.56334	3.147117	23.603020	0.598387
3.84E-06	1.510413	5.719883	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1967
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.781537	-3.699175	-1.443116
-0.001936	-0.909897	-5.852230	
0.14083	-19.781537	-3.699175	-1.443116
-0.001936	-0.304877	-10.031517	
0.28167	-19.781537	-3.699175	-1.443116
-0.001936	-0.122501	-18.438271	
0.42250	-19.781537	-3.699175	-1.443116
-0.001936	-0.373608	-27.513232	
0.56334	-19.781537	-3.699175	-1.443116
-0.001936	-0.624410	-36.850118	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.884865	51.988388	1.082321
0.000107	0.681693	12.427333	
0.14083	22.884865	51.988388	1.082321
0.000107	0.227967	2.382746	
0.28167	22.884865	51.988388	1.082321
0.000107	0.492351	2.439125	
0.42250	22.884865	51.988388	1.082321
0.000107	1.484524	4.108580	
0.56334	22.884865	51.988388	1.082321
0.000107	2.476915	6.140122	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.680164	-5.367736	-2.367169
-0.003170	-1.493243	-23.917447	
0.14083	-24.680164	-5.367736	-2.367169
-0.003170	-0.500874	-36.296884	
0.28167	-24.680164	-5.367736	-2.367169
-0.003170	-0.223570	-55.417529	
0.42250	-24.680164	-5.367736	-2.367169
-0.003170	-0.677299	-75.683116	
0.56334	-24.680164	-5.367736	-2.367169
-0.003170	-1.131144	-96.564711	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.556303	49.627690	1.147146
9.56E-06	0.723435	35.161580	
0.14083	16.556303	49.627690	1.147146
9.56E-06	0.242561	30.268012	
0.28167	16.556303	49.627690	1.147146
9.56E-06	0.653055	34.164335	
0.42250	16.556303	49.627690	1.147146
9.56E-06	1.965710	40.025791	
0.56334	16.556303	49.627690	1.147146
9.56E-06	3.278301	47.834792	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.468709	-20.833502	-3.131235
-0.002809	-1.973611	-17.151797	
0.14083	-33.468709	-20.833502	-3.131235
-0.002809	-0.661006	-25.919248	
0.28167	-33.468709	-20.833502	-3.131235
-0.002809	-0.236538	-39.779805	
0.42250	-33.468709	-20.833502	-3.131235
-0.002809	-0.717590	-55.527919	
0.56334	-33.468709	-20.833502	-3.131235
-0.002809	-1.198638	-74.496176	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.539133	88.812237	1.358586
0.003130	0.857811	75.492276	
0.14083	28.539133	88.812237	1.358586
0.003130	0.287955	55.794937	
0.28167	28.539133	88.812237	1.358586
0.003130	0.743817	49.717555	
0.42250	28.539133	88.812237	1.358586
0.003130	2.244995	56.274671	
0.56334	28.539133	88.812237	1.358586
0.003130	3.748321	68.409612	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 1968
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

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REL DIST          P          V2          V3
     T          M2          M3
0.00000   -53.685000  -32.287132   -3.590030
-0.003544   -2.272157  -16.424873
0.14083   -53.685000  -32.287132   -3.590030
-0.003544   -0.767344  -22.801990
0.28167   -53.685000  -32.287132   -3.590030
-0.003544   -0.279446  -38.894612
0.42250   -53.685000  -32.287132   -3.590030
-0.003544   -0.849449  -64.665994
0.56334   -53.685000  -32.287132   -3.590030
-0.003544   -1.419113  -99.882604

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    52.704998   90.760823    0.827564
 0.007449    0.523528   92.624408
0.14083    52.704998   90.760823    0.827564
 0.007449    0.176447   76.942823
0.28167    52.704998   90.760823    0.827564
 0.007449    0.456083   63.169498
0.42250    52.704998   90.760823    0.827564
 0.007449    1.370068   78.650036
0.56334    52.704998   90.760823    0.827564
 0.007449    2.288650  102.257039

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -51.841031  -58.599052   -2.196347
-0.004142   -1.394953  -32.313416
0.14083   -51.841031  -58.599052   -2.196347
-0.004142   -0.474594  -41.252834
0.28167   -51.841031  -58.599052   -2.196347
-0.004142   -0.170336  -54.654616
0.42250   -51.841031  -58.599052   -2.196347
-0.004142   -0.517429  -68.720378
0.56334   -51.841031  -58.599052   -2.196347
-0.004142   -0.864415  -91.126590

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    65.698088   88.812237    1.577884
 0.008266    0.997048   95.963067
0.14083    65.698088   88.812237    1.577884
 0.008266    0.335006   71.670213
0.28167    65.698088   88.812237    1.577884
 0.008266    0.743817   59.770054
0.42250    65.698088   88.812237    1.577884
 0.008266    2.244995   73.610412
0.56334    65.698088   88.812237    1.577884
 0.008266    3.748321   97.071513

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -53.685000  -61.942559   -3.590030
-0.003544   -2.272157  -36.613388
0.14083   -53.685000  -61.942559   -3.590030
-0.003544   -0.767344  -36.296684
0.28167   -53.685000  -61.942559   -3.590030
-0.003544   -0.324831  -55.417529
0.42250   -53.685000  -61.942559   -3.590030
-0.003544   -0.986654  -75.683116
0.56334   -53.685000  -61.942559   -3.590030
-0.003544   -1.648166  -99.882604

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    65.698088   90.760823    1.577884
 0.008266    0.997048   95.963067
0.14083    65.698088   90.760823    1.577884
 0.008266    0.335006   76.942823
0.28167    65.698088   90.760823    1.577884
 0.008266    0.743817   63.169498
0.42250    65.698088   90.760823    1.577884
 0.008266    2.244995   78.650036
0.56334    65.698088   90.760823    1.577884
 0.008266    3.748321  102.257039
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1969

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -53.685000  -61.942559   -3.590030
-0.004142   -2.272157  -36.613388
0.14083   -53.685000  -61.942559   -3.590030
-0.004142   -0.767344  -41.252834
0.28167   -53.685000  -61.942559   -3.590030
-0.004142   -0.324831  -55.417529
0.42250   -53.685000  -61.942559   -3.590030
-0.004142   -0.986654  -75.683116
0.56334   -53.685000  -61.942559   -3.590030
-0.004142   -1.648166  -99.882604

COMB    DESIGN ---------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    65.698088   90.760823    1.577884
 0.008266    0.997048   95.963067
0.14083    65.698088   90.760823    1.577884
 0.008266    0.335006   76.942823
0.28167    65.698088   90.760823    1.577884
 0.008266    0.743817   63.169498
0.42250    65.698088   90.760823    1.577884
 0.008266    2.244995   78.650036
0.56334    65.698088   90.760823    1.577884
 0.008266    3.748321  102.257039

COMB    DESIGN ---------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -53.685000  -61.942559   -3.590030
-0.004142   -2.272157  -36.613388
0.14083   -53.685000  -61.942559   -3.590030
-0.004142   -0.767344  -41.252834
0.28167   -53.685000  -61.942559   -3.590030
-0.004142   -0.324831  -55.417529
0.42250   -53.685000  -61.942559   -3.590030
-0.004142   -0.986654  -75.683116
0.56334   -53.685000  -61.942559   -3.590030
-0.004142   -1.648166  -99.882604

ELEM       170 ================== LENGTH
=    2.977211

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    6.631514   59.627595    0.412318
 0.001851    0.464134   73.331568
0.57749    6.631514   59.627595    0.412318
 0.001851    0.291250   48.399642
0.71833    6.631514   59.627595    0.412318
 0.001851    0.118354   23.507886
0.85916    6.631514   59.627595    0.412318
 0.001851    0.056263    2.106190
1.00000    6.631514   59.627595    0.412318
 0.001851    0.255311    2.746383

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -2.971732   -4.039522   -0.486578
-1.55E-05   -0.560784  -15.216924
0.57749   -2.971732   -4.039522   -0.486578
-1.55E-05   -0.356766  -13.931121
0.71833   -2.971732   -4.039522   -0.486578
-1.55E-05   -0.152757  -13.017313
0.85916   -2.971732   -4.039522   -0.486578
-1.55E-05   -0.054475  -13.439299
1.00000   -2.971732   -4.039522   -0.486578
-1.55E-05   -0.227422  -28.260540

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    9.100570   87.662790    0.575303
 0.008013    0.648297  154.313508
0.57749    9.100570   87.662790    0.575303
 0.008013    0.407071  119.196468
0.71833    9.100570   87.662790    0.575303
 0.008013    0.165777   97.152976
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1970

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.85916    9.100570   87.662790    0.575303
 0.008013    0.149425   93.617417
1.00000    9.100570   87.662790    0.575303
 0.008013    0.573379  111.784296

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -10.266104  -86.845890   -1.014776
-0.005584   -1.128684  -47.266054
0.57749   -10.266104  -86.845890   -1.014776
-0.005584   -0.709142  -18.966515
0.71833   -10.266104  -86.845890   -1.014776
-0.005584   -0.296812  -12.318541
0.85916   -10.266104  -86.845890   -1.014776
-0.005584   -0.086496  -11.423187
1.00000   -10.266104  -86.845890   -1.014776
-0.005584   -0.316629  -18.232920

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   11.667932   80.091942    0.653680
 0.005882    0.736883  151.302462
0.57749   11.667932   80.091942    0.653680
 0.005882    0.462793  119.430398
0.71833   11.667932   80.091942    0.653680
 0.005882    0.188597   96.932882
0.85916   11.667932   80.091942    0.653680
 0.005882    0.192907   88.396453
1.00000   11.667932   80.091942    0.653680
 0.005882    0.777801  105.353259

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -8.261323  -112.702147   -1.397583
-0.004441   -1.566290   -97.620495
0.57749   -8.261323  -112.702147   -1.397583
-0.004441   -0.984335   -55.961176
0.71833   -8.261323  -112.702147   -1.397583
-0.004441   -0.407289   -28.997407
0.85916   -8.261323  -112.702147   -1.397583
-0.004441   -0.092847   -12.033660
1.00000   -8.261323  -112.702147   -1.397583
-0.004441   -0.359489   -15.421852

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   14.575543   67.341904    0.709269
 0.004887    0.798705  127.600936
0.57749   14.575543   67.341904    0.709269
 0.004887    0.501306  100.813709
0.71833   14.575543   67.341904    0.709269
 0.004887    0.203810   81.815475
0.85916   14.575543   67.341904    0.709269
 0.004887    0.212088   74.433029
1.00000   14.575543   67.341904    0.709269
 0.004887    0.859638   88.453852

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -8.093504  -105.294923   -1.546632
-0.004319   -1.734430  -116.397023
0.57749   -8.093504  -105.294923   -1.546632
-0.004319   -1.089288   -77.484069
0.71833   -8.093504  -105.294923   -1.546632
-0.004319   -0.448289   -50.959080
0.85916   -8.093504  -105.294923   -1.546632
-0.004319   -0.099657   -31.811243
1.00000   -8.093504  -105.294923   -1.546632
-0.004319   -0.390905   -32.782684

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    2.140791    8.273799    0.159778
0.005082    0.180716   44.473872
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1971

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.57749    2.140791    8.273799    0.159778
0.005082    0.113714   42.922901
0.71833    2.140791    8.273799    0.159778
0.005082    0.046629   52.826236
0.85916    2.140791    8.273799    0.159778
0.005082    0.105887   79.709224
1.00000    2.140791    8.273799    0.159778
0.005082    0.361426  117.407114

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -5.369528  -101.222424   -0.612564
-0.004920   -0.666071   -57.014064
0.57749   -5.369528  -101.222424   -0.612564
-0.004920   -0.414207   -21.247709
0.71833   -5.369528  -101.222424   -0.612564
-0.004920   -0.168378    -3.796167
0.85916   -5.369528  -101.222424   -0.612564
-0.004920   -0.029504    -0.773892
1.00000   -5.369528  -101.222424   -0.612564
-0.004920   -0.087260    -0.743784

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    8.947879    8.669775    0.323684
 0.004655    0.385114   50.120373
0.57749    8.947879    8.669775    0.323684
 0.004655    0.229393   48.438359
0.71833    8.947879    8.669775    0.323684
 0.004655    0.093558   57.458766
0.85916    8.947879    8.669775    0.323684
 0.004655    0.172573   82.266865
1.00000    8.947879    8.669775    0.323684
 0.004655    0.643128  119.108153

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -4.383934  -131.410020   -1.125333
-0.005350   -1.244345  -114.764293
0.57749   -4.383934  -131.410020   -1.125333
-0.005350   -0.777130   -66.294191
0.71833   -4.383934  -131.410020   -1.125333
-0.005350   -0.315575   -34.709986
0.85916   -4.383934  -131.410020   -1.125333
-0.005350   -0.050564   -12.608651
1.00000   -4.383934  -131.410020   -1.125333
-0.005350   -0.177771   -10.488993

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   11.790432   73.821711    0.569628
 0.004397    0.642035  168.318879
0.57749   11.790432   73.821711    0.569628
 0.004397    0.403189  138.970137
0.71833   11.790432   73.821711    0.569628
 0.004397    0.164231  117.357042
0.85916   11.790432   73.821711    0.569628
 0.004397    0.077074  107.697011
1.00000   11.790432   73.821711    0.569628
 0.004397    0.803452  109.435638

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -10.061394  -110.693532   -1.439104
-0.003991   -1.610318  -104.068047
0.57749   -10.061394  -110.693532   -1.439104
-0.003991   -1.010182   -62.503830
0.71833   -10.061394  -110.693532   -1.439104
-0.003991   -0.410461   -33.082470
0.85916   -10.061394  -110.693532   -1.439104
-0.003991   -0.080399   -12.651418
1.00000   -10.061394  -110.693532   -1.439104
-0.003991   -0.313345   -10.261803
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1972

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   12.268420   62.138081    0.655221
 0.003678    0.737824  140.715354
0.57749   12.268420   62.138081    0.655221
 0.003678    0.463088  116.036438
0.71833   12.268420   62.138081    0.655221
 0.003678    0.188255   97.861154
0.85916   12.268420   62.138081    0.655221
 0.003678    0.220765   89.823154
1.00000   12.268420   62.138081    0.655221
 0.003678    0.886671   91.292707

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -10.062126  -100.082266   -1.590015
-0.003980   -1.780198  -116.984482
0.57749   -10.062126  -100.082266   -1.590015
-0.003980   -1.116283   -79.329936
0.71833   -10.062126  -100.082266   -1.590015
-0.003980   -0.455738   -51.912825
0.85916   -10.062126  -100.082266   -1.590015
-0.003980   -0.071687   -31.791680
1.00000   -10.062126  -100.082266   -1.590015
-0.003980   -0.361114   -27.224976

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    2.048041    1.050184    0.286278
6.80E-06    0.321668    1.295056
0.57749    2.048041    1.050184    0.286278
6.80E-06    0.201631    1.192004
0.71833    2.048041    1.050184    0.286278
6.80E-06    0.081601    1.102720
0.85916    2.048041    1.050184    0.286278
6.80E-06    0.083666    1.034547
1.00000    2.048041    1.050184    0.286278
6.80E-06    0.338801    0.983798

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -3.011985   -9.967477   -0.608540
-0.000979   -0.681906   -43.037651
0.57749   -3.011985   -9.967477   -0.608540
-0.000979   -0.426761   -39.131583
0.71833   -3.011985   -9.967477   -0.608540
-0.000979   -0.171624   -35.283785
0.85916   -3.011985   -9.967477   -0.608540
-0.000979   -0.038374   -31.577589
1.00000   -3.011985   -9.967477   -0.608540
-0.000979   -0.158480   -28.087865

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    9.359711    2.045549    0.454814
0.000193    0.510963    5.444651
0.57749    9.359711    2.045549    0.454814
0.000193    0.322258    4.877961
0.71833    9.359711    2.045549    0.454814
0.000193    0.129520    4.979177
0.85916    9.359711    2.045549    0.454814
0.000193    0.145176    5.736515
1.00000    9.359711    2.045549    0.454814
0.000193    0.590585    6.826390

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -4.117565   -32.070999   -1.062502
-0.001860   -1.175551   -90.525379
0.57749   -4.117565   -32.070999   -1.062502
-0.001860   -0.746244   -78.297099
0.71833   -4.117565   -32.070999   -1.062502
-0.001860   -0.301248   -67.135197
0.85916   -4.117565   -32.070999   -1.062502
-0.001860   -0.061741   -56.896431
1.00000   -4.117565   -32.070999   -1.062502
-0.001860   -0.252062   -47.951862
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1973

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    9.369178    3.517524    0.537314
0.000306    0.604653   26.024612
0.57749    9.369178    3.517524    0.537314
0.000306    0.379356   25.751652
0.71833    9.369178    3.517524    0.537314
0.000306    0.153968   27.046819
0.85916    9.369178    3.517524    0.537314
0.000306    0.198279   31.554893
1.00000    9.369178    3.517524    0.537314
0.000306    0.808570   47.446395

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -4.352900   -86.492562   -1.455858
-0.002249   -1.633303  -135.189082
0.57749   -4.352900   -86.492562   -1.455858
-0.002249   -1.023171  -100.267466
0.71833   -4.352900   -86.492562   -1.455858
-0.002249   -0.413460   -67.311830
0.85916   -4.352900   -86.492562   -1.455858
-0.002249   -0.071614   -43.690947
1.00000   -4.352900   -86.492562   -1.455858
-0.002249   -0.296535   -38.091532

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   10.497652   48.502053    0.628612
 0.003789    0.707833  123.865062
0.57749   10.497652   48.502053    0.628612
 0.003789    0.444255  105.196752
0.71833   10.497652   48.502053    0.628612
 0.003789    0.180590   94.262056
0.85916   10.497652   48.502053    0.628612
 0.003789    0.231403   94.529530
1.00000   10.497652   48.502053    0.628612
 0.003789    0.910821  103.925225

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665  -10.479469  -105.627145   -1.622432
-0.004631   -1.814948  -122.957611
0.57749  -10.479469  -105.627145   -1.622432
-0.004631   -1.133500   -83.878518
0.71833  -10.479469  -105.627145   -1.622432
-0.004631   -0.460479   -56.742549
0.85916  -10.479469  -105.627145   -1.622432
-0.004631   -0.088764   -36.944190
1.00000  -10.479469  -105.627145   -1.622432
-0.004631   -0.346478   -32.286915

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665    7.972580   51.179873    0.811201
 0.002036    0.913913   61.450256
0.57749    7.972580   51.179873    0.811201
 0.002036    0.573661   40.522516
0.71833    7.972580   51.179873    0.811201
 0.002036    0.233478   20.045426
0.85916    7.972580   51.179873    0.811201
 0.002036    0.117783    3.115523
1.00000    7.972580   51.179873    0.811201
 0.002036    0.546915    3.470478

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -4.118592   -3.463019   -1.028640
-1.16E-05   -1.177327   -15.223926
0.57749   -4.118592   -3.463019   -1.028640
-1.16E-05   -0.745774   -14.383630
0.71833   -4.118592   -3.463019   -1.028640
-1.16E-05   -0.313735   -14.077915
0.85916   -4.118592   -3.463019   -1.028640
-1.16E-05   -0.106464   -16.795259
1.00000   -4.118592   -3.463019   -1.028640
-1.16E-05   -0.446570   -33.739595
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1974

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   11.366345   74.699113    1.100851
 0.008070    1.242043  134.950041
0.57749   11.366345   74.699113    1.100851
 0.008070    0.780556  106.963709
0.71833   11.366345   74.699113    1.100851
 0.008070    0.318937   92.599567
0.85916   11.366345   74.699113    1.100851
 0.008070    0.267757   95.967174
1.00000   11.366345   74.699113    1.100851
 0.008070    1.080887  116.941753

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665  -11.008823   -81.104595   -1.949554
-0.005908   -2.187178   -49.220232
0.57749  -11.008823   -81.104595   -1.949554
-0.005908   -1.376171   -18.369847
0.71833  -11.008823   -81.104595   -1.949554
-0.005908   -0.568434   -13.307579
0.85916  -11.008823   -81.104595   -1.949554
-0.005908   -0.161096   -12.245162
1.00000  -11.008823   -81.104595   -1.949554
-0.005908   -0.604745   -25.274049

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   13.496122   67.937722    1.213919
 0.006133    1.368735  132.489764
0.57749   13.496122   67.937722    1.213919
 0.006133    0.859885  107.210255
0.71833   13.496122   67.937722    1.213919
 0.006133    0.350812   92.199041
0.85916   13.496122   67.937722    1.213919
 0.006133    0.330025   92.271397
1.00000   13.496122   67.937722    1.213919
 0.006133    1.353963  115.657225

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -9.660109  -100.562706   -2.450199
-0.004760   -2.754375   -87.274470
0.57749   -9.660109  -100.562706   -2.450199
-0.004760   -1.731621   -47.979210
0.71833   -9.660109  -100.562706   -2.450199
-0.004760   -0.710897   -27.488233
0.85916   -9.660109  -100.562706   -2.450199
-0.004760   -0.171005   -12.824414
1.00000   -9.660109  -100.562706   -2.450199
-0.004760   -0.667295   -22.828126

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43665   15.007048   57.090626    1.326937
 0.005097    1.492359  111.759218
0.57749   15.007048   57.090626    1.326937
 0.005097    0.936314   90.499298
0.71833   15.007048   57.090626    1.326937
 0.005097    0.380768   77.795498
0.85916   15.007048   57.090626    1.326937
 0.005097    0.354880   77.706634
1.00000   15.007048   57.090626    1.326937
 0.005097    1.458733   96.980447

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43665   -9.249358   -94.229373   -2.639311
-0.004612   -2.967078  -105.931901
0.57749   -9.249358   -94.229373   -2.639311
-0.004612   -1.864323   -68.929765
0.71833   -9.249358   -94.229373   -2.639311
-0.004612   -0.763139   -47.771496
0.85916   -9.249358   -94.229373   -2.639311
-0.004612   -0.186742   -32.095696
1.00000   -9.249358   -94.229373   -2.639311
-0.004612   -0.732018   -36.899462
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                1975

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	2.848208	7.864156	0.252681
0.004202	0.286020	44.558554	
0.57749	2.848208	7.864156	0.252681
0.004202	0.180191	44.455244	
0.71833	2.848208	7.864156	0.252681
0.004202	0.073738	54.783621	
0.85916	2.848208	7.864156	0.252681
0.004202	0.153484	81.129883	
1.00000	2.848208	7.864156	0.252681
0.004202	0.559136	113.388002	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.607978	-85.727285	-0.974281
-0.004356	-1.074306	-51.750383	
0.57749	-5.607978	-85.727285	-0.974281
-0.004356	-0.670583	-18.541932	
0.71833	-5.607978	-85.727285	-0.974281
-0.004356	-0.269683	-4.062819	
0.85916	-5.607978	-85.727285	-0.974281
-0.004356	-0.044556	-0.896362	
1.00000	-5.607978	-85.727285	-0.974281
-0.004356	-0.138557	-0.905819	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.415511	8.241690	0.566468
0.003935	0.635288	49.824810	
0.57749	8.415511	8.241690	0.566468
0.003935	0.382843	49.474750	
0.71833	8.415511	8.241690	0.566468
0.003935	0.161892	58.938170	
0.85916	8.415511	8.241690	0.566468
0.003935	0.251568	83.534475	
1.00000	8.415511	8.241690	0.566468
0.003935	0.963383	118.879637	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.812252	-110.963858	-1.705756
-0.004900	-1.897962	-99.131229	
0.57749	-4.812252	-110.963858	-1.705756
-0.004900	-1.187564	-55.371572	
0.71833	-4.812252	-110.963858	-1.705756
-0.004900	-0.479858	-29.546169	
0.85916	-4.812252	-110.963858	-1.705756
-0.004900	-0.088790	-11.560660	
1.00000	-4.812252	-110.963858	-1.705756
-0.004900	-0.314714	-9.427946	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.903549	65.316099	1.045361
0.003760	1.175903	155.622105	
0.57749	11.903549	65.316099	1.045361
0.003760	0.738145	130.670975	
0.71833	11.903549	65.316099	1.045361
0.003760	0.300666	112.400337	
0.85916	11.903549	65.316099	1.045361
0.003760	0.325967	105.453119	
1.00000	11.903549	65.316099	1.045361
0.003760	1.333222	108.321527	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.221332	-91.196976	-2.406697
-0.003427	-2.702427	-88.913365	
0.57749	-10.221332	-91.196976	-2.406697
-0.003427	-1.696237	-52.874907	
0.71833	-10.221332	-91.196976	-2.406697
-0.003427	-0.691390	-26.736380	
0.85916	-10.221332	-91.196976	-2.406697
-0.003427	-0.145797	-12.113378	
1.00000	-10.221332	-91.196976	-2.406697
-0.003427	-0.577083	-9.800872	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1976

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	12.078233	54.937031	1.193194
0.003146	1.341553	130.213376	
0.57749	12.078233	54.937031	1.193194
0.003146	0.841115	109.249901	
0.71833	12.078233	54.937031	1.193194
0.003146	0.341641	93.902328	
0.85916	12.078233	54.937031	1.193194
0.003146	0.360866	87.982079	
1.00000	12.078233	54.937031	1.193194
0.003146	1.475618	90.494669	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.192654	-83.378699	-2.663061
-0.003565	-2.990089	-104.676898	
0.57749	-10.192654	-83.378699	-2.663061
-0.003565	-1.875980	-71.586354	
0.71833	-10.192654	-83.378699	-2.663061
-0.003565	-0.763088	-48.561919	
0.85916	-10.192654	-83.378699	-2.663061
-0.003565	-0.164335	-31.545545	
1.00000	-10.192654	-83.378699	-2.663061
-0.003565	-0.658047	-27.025365	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.974305	0.852141	0.494365
3.98E-06	0.554421	1.387363	
0.57749	1.974305	0.852141	0.494365
3.98E-06	0.346993	1.247398	
0.71833	1.974305	0.852141	0.494365
3.98E-06	0.139447	1.161208	
0.85916	1.974305	0.852141	0.494365
3.98E-06	0.144931	1.102173	
1.00000	1.974305	0.852141	0.494365
3.98E-06	0.588876	1.069276	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.088612	-9.728011	-1.058654
-0.001053	-1.186800	-43.970055	
0.57749	-3.088612	-9.728011	-1.058654
-0.001053	-0.742932	-40.151213	
0.71833	-3.088612	-9.728011	-1.058654
-0.001053	-0.298949	-36.420517	
0.85916	-3.088612	-9.728011	-1.058654
-0.001053	-0.066288	-32.796250	
1.00000	-3.088612	-9.728011	-1.058654
-0.001053	-0.272694	-29.253103	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	7.750822	1.640122	0.856518
0.000122	0.955502	5.108165	
0.57749	7.750822	1.640122	0.856518
0.000122	0.597403	4.719073	
0.71833	7.750822	1.640122	0.856518
0.000122	0.239587	4.773202	
0.85916	7.750822	1.640122	0.856518
0.000122	0.237766	5.285586	
1.00000	7.750822	1.640122	0.856518
0.000122	0.972121	6.285168	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.225679	-29.480631	-1.751391
-0.001922	-1.965633	-87.286547	
0.57749	-4.225679	-29.480631	-1.751391
-0.001922	-1.231472	-75.538224	
0.71833	-4.225679	-29.480631	-1.751391
-0.001922	-0.497318	-64.850184	
0.85916	-4.225679	-29.480631	-1.751391
-0.001922	-0.120517	-55.229504	
1.00000	-4.225679	-29.480631	-1.751391
-0.001922	-0.477701	-46.335071	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1977

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.313421	2.864901	0.927471
6.44E-06	1.039020	25.141266	
0.57749	8.313421	2.864901	0.927471
6.44E-06	0.650895	25.463468	
0.71833	8.313421	2.864901	0.927471
6.44E-06	0.262847	27.103014	
0.85916	8.313421	2.864901	0.927471
6.44E-06	0.313203	33.964126	
1.00000	8.313421	2.864901	0.927471
6.44E-06	1.277332	50.330869	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.792177	-72.517397	-2.299784
-0.001982	-2.580191	-120.826417	
0.57749	-4.792177	-72.517397	-2.299784
-0.001982	-1.615922	-91.755025	
0.71833	-4.792177	-72.517397	-2.299784
-0.001982	-0.651943	-63.859007	
0.85916	-4.792177	-72.517397	-2.299784
-0.001982	-0.125781	-44.788329	
1.00000	-4.792177	-72.517397	-2.299784
-0.001982	-0.513752	-38.914993	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.246158	43.991523	1.122024
0.002933	1.260162	118.566813	
0.57749	10.246158	43.991523	1.122024
0.002933	0.790317	102.481827	
0.71833	10.246158	43.991523	1.122024
0.002933	0.320374	92.598020	
0.85916	10.246158	43.991523	1.122024
0.002933	0.372307	93.017472	
1.00000	10.246158	43.991523	1.122024
0.002933	1.500025	101.323488	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.353127	-86.758694	-2.693599
-0.003951	-3.017332	-111.210061	
0.57749	-10.353127	-86.758694	-2.693599
-0.003951	-1.890620	-77.115732	
0.71833	-10.353127	-86.758694	-2.693599
-0.003951	-0.765307	-53.999161	
0.85916	-10.353127	-86.758694	-2.693599
-0.003951	-0.156969	-38.070600	
1.00000	-10.353127	-86.758694	-2.693599
-0.003951	-0.619696	-33.206785	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.575543	87.662790	0.709269
0.008013	0.798705	168.318879	
0.57749	14.575543	87.662790	0.709269
0.008013	0.501306	138.970137	
0.71833	14.575543	87.662790	0.709269
0.008013	0.203810	117.357042	
0.85916	14.575543	87.662790	0.709269
0.008013	0.297511	107.697011	
1.00000	14.575543	87.662790	0.709269
0.008013	0.910821	119.108153	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.479469	-131.410020	-1.622432
-0.005584	-1.810498	-135.189082	
0.57749	-10.479469	-131.410020	-1.622432
-0.005584	-1.133500	-100.267466	
0.71833	-10.479469	-131.410020	-1.622432
-0.005584	-0.460479	-67.311830	
0.85916	-10.479469	-131.410020	-1.622432
-0.005584	-0.099657	-56.896431	
1.00000	-10.479469	-131.410020	-1.622432
-0.005584	-0.390905	-47.951862	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1978

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.007048	74.699113	1.326937
0.008070	1.492359	155.622105	
0.57749	15.007048	74.699113	1.326937
0.008070	0.936314	130.670975	
0.71833	15.007048	74.699113	1.326937
0.008070	0.380768	112.400337	
0.85916	15.007048	74.699113	1.326937
0.008070	0.372307	105.453119	
1.00000	15.007048	74.699113	1.326937
0.008070	1.500025	118.879637	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.008823	-110.963858	-2.693599
-0.005908	-3.017332	-120.826417	
0.57749	-11.008823	-110.963858	-2.693599
-0.005908	-1.890620	-91.755025	
0.71833	-11.008823	-110.963858	-2.693599
-0.005908	-0.765307	-64.850184	
0.85916	-11.008823	-110.963858	-2.693599
-0.005908	-0.186742	-55.229504	
1.00000	-11.008823	-110.963858	-2.693599
-0.005908	-0.732018	-46.335071	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.007048	87.662790	1.326937
0.008070	1.492359	168.318879	
0.57749	15.007048	87.662790	1.326937
0.008070	0.936314	138.970137	
0.71833	15.007048	87.662790	1.326937
0.008070	0.380768	117.357042	
0.85916	15.007048	87.662790	1.326937
0.008070	0.372307	107.697011	
1.00000	15.007048	87.662790	1.326937
0.008070	1.500025	119.108153	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.008823	-131.410020	-2.693599
-0.005908	-3.017332	-135.189082	
0.57749	-11.008823	-131.410020	-2.693599
-0.005908	-1.890620	-100.267466	
0.71833	-11.008823	-131.410020	-2.693599
-0.005908	-0.765307	-67.311830	
0.85916	-11.008823	-131.410020	-2.693599
-0.005908	-0.186742	-56.896431	
1.00000	-11.008823	-131.410020	-2.693599
-0.005908	-0.732018	-47.951862	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.007048	87.662790	1.326937
0.008070	1.492359	168.318879	
0.57749	15.007048	87.662790	1.326937
0.008070	0.936314	138.970137	
0.71833	15.007048	87.662790	1.326937
0.008070	0.380768	117.357042	
0.85916	15.007048	87.662790	1.326937
0.008070	0.372307	107.697011	
1.00000	15.007048	87.662790	1.326937
0.008070	1.500025	119.108153	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.008823	-131.410020	-2.693599
-0.005908	-3.017332	-135.189082	
0.57749	-11.008823	-131.410020	-2.693599
-0.005908	-1.890620	-100.267466	
0.71833	-11.008823	-131.410020	-2.693599
-0.005908	-0.765307	-67.311830	
0.85916	-11.008823	-131.410020	-2.693599
-0.005908	-0.186742	-56.896431	
1.00000	-11.008823	-131.410020	-2.693599
-0.005908	-0.732018	-47.951862	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1979

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 171 ========== LENGTH = 2.977271

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.658041	58.768264	0.418323
0.001905	0.234965	2.745402	
0.14084	6.658041	58.768264	0.418323
0.001905	0.059504	3.411364	
0.28168	6.658041	58.768264	0.418323
0.001905	0.120375	4.089938	
0.42252	6.658041	58.768264	0.418323
0.001905	0.315948	4.787792	
0.56336	6.658041	58.768264	0.418323
0.001905	0.511541	5.496958	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.913860	-4.137376	-0.466493
-7.19E-06	-0.270950	-28.293211	
0.14084	-2.913860	-4.137376	-0.466493
-7.19E-06	-0.075329	-52.218123	
0.28168	-2.913860	-4.137376	-0.466493
-7.19E-06	-0.115853	-76.802629	
0.42252	-2.913860	-4.137376	-0.466493
-7.19E-06	-0.291264	-101.392108	
0.56336	-2.913860	-4.137376	-0.466493
-7.19E-06	-0.466674	-126.003533	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.075941	150.632227	0.584380
0.007990	0.328461	112.146777	
0.14084	8.075941	150.632227	0.584380
0.007990	0.097913	89.008627	
0.28168	8.075941	150.632227	0.584380
0.007990	0.268749	66.079174	
0.42252	8.075941	150.632227	0.584380
0.007990	0.439536	51.773225	
0.56336	8.075941	150.632227	0.584380
0.007990	1.081097	69.725498	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.155899	-25.660763	-0.995825
-0.005682	-0.589289	-18.274080	
0.14084	-14.155899	-25.660763	-0.995825
-0.005682	-0.172846	-50.184059	
0.28168	-14.155899	-25.660763	-0.995825
-0.005682	-0.161547	-82.693991	
0.42252	-14.155899	-25.660763	-0.995825
-0.005682	-0.406646	-118.859938	
0.56336	-14.155899	-25.660763	-0.995825
-0.005682	-0.651687	-175.324482	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.090261	122.518658	0.664686
0.005883	0.373331	105.572387	
0.14084	11.090261	122.518658	0.664686
0.005883	0.104374	110.851334	
0.28168	11.090261	122.518658	0.664686
0.005883	0.383919	117.704735	
0.42252	11.090261	122.518658	0.664686
0.005883	0.954511	137.254950	
0.56336	11.090261	122.518658	0.664686
0.005883	1.536955	165.143946	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.864411	-71.976550	-1.393418
-0.004005	-0.800247	-15.457805	
0.14084	-10.864411	-71.976550	-1.393418
-0.004005	-0.216631	-44.996676	
0.28168	-10.864411	-71.976550	-1.393418
-0.004005	-0.183981	-75.033806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1980

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-10.864411	-71.976550	-1.393418
-0.004005	-0.462791	-107.557518	
0.56336	-10.864411	-71.976550	-1.393418
-0.004005	-0.741505	-153.902763	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.117183	102.513712	0.721999
0.004889	0.405058	88.633483	
0.14084	14.117183	102.513712	0.721999
0.004889	0.110354	93.034871	
0.28168	14.117183	102.513712	0.721999
0.004889	0.434145	100.584390	
0.42252	14.117183	102.513712	0.721999
0.004889	1.076776	118.984731	
0.56336	14.117183	102.513712	0.721999
0.004889	1.729241	146.020705	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.243129	-71.732969	-1.559659
-0.004177	-0.886780	-32.822029	
0.14084	-10.243129	-71.732969	-1.559659
-0.004177	-0.233337	-54.097435	
0.28168	-10.243129	-71.732969	-1.559659
-0.004177	-0.200329	-76.379335	
0.42252	-10.243129	-71.732969	-1.559659
-0.004177	-0.503162	-101.248823	
0.56336	-10.243129	-71.732969	-1.559659
-0.004177	-0.805908	-137.815123	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.328568	61.929583	0.162890
0.004885	0.091630	117.695593	
0.14084	1.328568	61.929583	0.162890
0.004885	0.035441	110.865017	
0.28168	1.328568	61.929583	0.162890
0.004885	0.177132	104.590265	
0.42252	1.328568	61.929583	0.162890
0.004885	0.422315	113.916286	
0.56336	1.328568	61.929583	0.162890
0.004885	0.682003	133.567921	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.679288	-50.387684	-0.624769
-0.004749	-0.365915	-0.743611	
0.14084	-8.679288	-50.387684	-0.624769
-0.004749	-0.104804	-0.706057	
0.28168	-8.679288	-50.387684	-0.624769
-0.004749	-0.044869	-0.696477	
0.42252	-8.679288	-50.387684	-0.624769
-0.004749	-0.113266	-3.742123	
0.56336	-8.679288	-50.387684	-0.624769
-0.004749	-0.181576	-23.777484	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.260553	58.504768	0.329724
0.004419	0.184817	119.358481	
0.14084	8.260553	58.504768	0.329724
0.004419	0.057804	124.388988	
0.28168	8.260553	58.504768	0.329724
0.004419	0.327277	133.669477	
0.42252	8.260553	58.504768	0.329724
0.004419	0.794710	157.910134	
0.56336	8.260553	58.504768	0.329724
0.004419	1.275643	191.945095	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.439572	-84.764941	-1.151965
-0.004954	-0.656514	-10.493272	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1981

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-7.439572	-84.764941	-1.151965
-0.004954	-0.174206	-8.538593	
0.28168	-7.439572	-84.764941	-1.151965
-0.004954	-0.091564	-7.225364	
0.42252	-7.439572	-84.764941	-1.151965
-0.004954	-0.229932	-9.322108	
0.56336	-7.439572	-84.764941	-1.151965
-0.004954	-0.368191	-27.248264	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.352511	107.992153	0.579699
0.004616	0.325444	109.578592	
0.14084	11.352511	107.992153	0.579699
0.004616	0.090249	107.991046	
0.28168	11.352511	107.992153	0.579699
0.004616	0.404547	120.964421	
0.42252	11.352511	107.992153	0.579699
0.004616	0.999309	144.616856	
0.56336	11.352511	107.992153	0.579699
0.004616	1.603704	175.251295	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.156183	-78.077294	-1.444968
-0.003610	-0.820162	-10.265462	
0.14084	-12.156183	-78.077294	-1.444968
-0.003610	-0.214869	-20.735417	
0.28168	-12.156183	-78.077294	-1.444968
-0.003610	-0.160590	-47.288350	
0.42252	-12.156183	-78.077294	-1.444968
-0.003610	-0.403770	-76.371514	
0.56336	-12.156183	-78.077294	-1.444968
-0.003610	-0.646848	-116.662804	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.916991	90.755705	0.668598
0.003860	0.375074	91.475309	
0.14084	11.916991	90.755705	0.668598
0.003860	0.101288	90.109781	
0.28168	11.916991	90.755705	0.668598
0.003860	0.455648	100.560339	
0.42252	11.916991	90.755705	0.668598
0.003860	1.123618	119.933952	
0.56336	11.916991	90.755705	0.668598
0.003860	1.799657	145.188435	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.809987	-72.868362	-1.615243
-0.003936	-0.909763	-27.236587	
0.14084	-11.809987	-72.868362	-1.615243
-0.003936	-0.232954	-33.517630	
0.28168	-11.809987	-72.868362	-1.615243
-0.003936	-0.185520	-53.217895	
0.42252	-11.809987	-72.868362	-1.615243
-0.003936	-0.461970	-75.150250	
0.56336	-11.809987	-72.868362	-1.615243
-0.003936	-0.746324	-106.631247	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.069241	1.104200	0.294670
1.05E-05	0.165104	0.984043	
0.14084	2.069241	1.104200	0.294670
1.05E-05	0.041506	1.028526	
0.28168	2.069241	1.104200	0.294670
1.05E-05	0.185974	1.192505	
0.42252	2.069241	1.104200	0.294670
1.05E-05	0.455369	1.379008	
0.56336	2.069241	1.104200	0.294670
1.05E-05	0.724782	1.807865	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1982

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-3.006333	-10.030299		-0.642513	
-0.001488		-0.352889	-28.100075			
0.14084		-3.006333	-10.030299		-0.642513	
-0.001488		-0.083454	-24.792400			
0.28168		-3.006333	-10.030299		-0.642513	
-0.001488		-0.082016	-21.726397			
0.42252		-3.006333	-10.030299		-0.642513	
-0.001488		-0.205576	-18.917914			
0.56336		-3.006333	-10.030299		-0.642513	
-0.001488		-0.329136	-16.329347			

COMB DB-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.375868	4.042062		0.466426	
0.000219		0.261028	6.830045			
0.14084		9.375868	4.042062		0.466426	
0.000219		0.065821	8.125009			
0.28168		9.375868	4.042062		0.466426	
0.000219		0.319840	13.333654			
0.42252		9.375868	4.042062		0.466426	
0.000219		0.785402	20.000783			
0.56336		9.375868	4.042062		0.466426	
0.000219		1.251535	27.726174			

COMB DB-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.221921	-30.612257		-1.111858	
-0.002537		-0.613351	-47.973683			
0.14084		-4.221921	-30.612257		-1.111858	
-0.002537		-0.147125	-40.607338			
0.28168		-4.221921	-30.612257		-1.111858	
-0.002537		-0.130082	-34.468977			
0.42252		-4.221921	-30.612257		-1.111858	
-0.002537		-0.325714	-30.298737			
0.56336		-4.221921	-30.612257		-1.111858	
-0.002537		-0.521295	-26.996713			

COMB DB-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.465615	6.593426		0.550449	
0.000291		0.308333	47.427665			
0.14084		9.465615	6.593426		0.550449	
0.000291		0.078113	72.346941			
0.28168		9.465615	6.593426		0.550449	
0.000291		0.434245	100.880819			
0.42252		9.465615	6.593426		0.550449	
0.000291		1.067652	130.910900			
0.56336		9.465615	6.593426		0.550449	
0.000291		1.701946	161.799810			

COMB DB-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.509700	-84.730772		-1.513011	
-0.002269		-0.835783	-38.108200			
0.14084		-4.509700	-84.730772		-1.513011	
-0.002269		-0.201292	-32.887569			
0.28168		-4.509700	-84.730772		-1.513011	
-0.002269		-0.153196	-28.339096			
0.42252		-4.509700	-84.730772		-1.513011	
-0.002269		-0.384092	-24.760972			
0.56336		-4.509700	-84.730772		-1.513011	
-0.002269		-0.614905	-22.442995			

COMB DB-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.054223	82.725782		0.642813	
0.003910		0.360564	104.079008			
0.14084		10.054223	82.725782		0.642813	
0.003910		0.098822	96.157414			
0.28168		10.054223	82.725782		0.642813	
0.003910		0.472282	103.534179			
0.42252		10.054223	82.725782		0.642813	
0.003910		1.157628	122.051160			
0.56336		10.054223	82.725782		0.642813	
0.003910		1.852497	147.612303			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1983

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-12.575113	-73.211251		-1.660768	
-0.004742		-0.933215	-32.300611			
0.14084		-12.575113	-73.211251		-1.660768	
-0.004742		-0.237453	-27.995691			
0.28168		-12.575113	-73.211251		-1.660768	
-0.004742		-0.178410	-40.697485			
0.42252		-12.575113	-73.211251		-1.660768	
-0.004742		-0.448039	-56.657802			
0.56336		-12.575113	-73.211251		-1.660768	
-0.004742		-0.717581	-83.877768			

COMB DL-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		7.999469	50.435915		0.823415	
0.002148		0.462930	3.470046			
0.14084		7.999469	50.435915		0.823415	
0.002148		0.117704	3.956236			
0.28168		7.999469	50.435915		0.823415	
0.002148		0.268006	4.536247			
0.42252		7.999469	50.435915		0.823415	
0.002148		0.698316	5.146362			
0.56336		7.999469	50.435915		0.823415	
0.002148		1.128370	5.747923			

COMB DL-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.071322	-3.581698		-1.024900	
-4.30E-06		-0.589449	-33.773459			
0.14084		-4.071322	-3.581698		-1.024900	
-4.30E-06		-0.395175	-53.912096			
0.28168		-4.071322	-3.581698		-1.024900	
-4.30E-06		-0.227349	-74.528712			
0.42252		-4.071322	-3.581698		-1.024900	
-4.30E-06		-0.572662	-95.139959			
0.56336		-4.071322	-3.581698		-1.024900	
-4.30E-06		-0.918065	-115.802693			

COMB DL-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.718648	136.092838		1.119650	
0.008804		0.631849	116.980595			
0.14084		9.718648	136.092838		1.119650	
0.008804		0.184759	92.276648			
0.28168		9.718648	136.092838		1.119650	
0.008804		0.529803	67.723345			
0.42252		9.718648	136.092838		1.119650	
0.008804		1.335488	60.626746			
0.56336		9.718648	136.092838		1.119650	
0.008804		2.153339	66.275884			

COMB DL-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-14.340819	-21.277059		-1.958675	
-0.005649		-1.130941	-25.314717			
0.14084		-14.340819	-21.277059		-1.958675	
-0.005649		-0.313446	-51.347818			
0.28168		-14.340819	-21.277059		-1.958675	
-0.005649		-0.307910	-77.598705			
0.42252		-14.340819	-21.277059		-1.958675	
-0.005649		-0.777929	-107.991001			
0.56336		-14.340819	-21.277059		-1.958675	
-0.005649		-1.247331	-162.295448			

COMB DL-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		12.415942	111.216106		1.233817	
0.006687		0.694331	115.661840			
0.14084		12.415942	111.216106		1.233817	
0.006687		0.193056	115.179035			
0.28168		12.415942	111.216106		1.233817	
0.006687		0.679058	115.445212			
0.42252		12.415942	111.216106		1.233817	
0.006687		1.702003	128.142466			
0.56336		12.415942	111.216106		1.233817	
0.006687		2.733342	149.898298			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1984

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.996499	-58.852128		-2.465713	
-0.004180		-1.401782	-22.862709			
0.14084		-11.996499	-58.852128		-2.465713	
-0.004180		-0.637733	-46.956751			
0.28168		-11.996499	-58.852128		-2.465713	
-0.004180		-0.340932	-71.146949			
0.42252		-11.996499	-58.852128		-2.465713	
-0.004180		-0.858619	-98.281003			
0.56336		-11.996499	-58.852128		-2.465713	
-0.004180		-1.375869	-142.441331			

COMB DL-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		14.132243	92.982456		1.354150	
0.005558		0.757852	96.981756			
0.14084		14.132243	92.982456		1.354150	
0.005558		0.204810	96.711947			
0.28168		14.132243	92.982456		1.354150	
0.005558		0.741448	98.296640			
0.42252		14.132243	92.982456		1.354150	
0.005558		1.852667	110.407761			
0.56336		14.132243	92.982456		1.354150	
0.005558		2.970879	131.525292			

COMB DL-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.182976	-59.838990		-2.671844	
-0.004335		-1.510215	-36.937711			
0.14084		-11.182976	-59.838990		-2.671844	
-0.004335		-0.392301	-53.740146			
0.28168		-11.182976	-59.838990		-2.671844	
-0.004335		-0.377011	-71.044522			
0.42252		-11.182976	-59.838990		-2.671844	
-0.004335		-0.944807	-107.991001			
0.56336		-11.182976	-59.838990		-2.671844	
-0.004335		-1.512914	-125.735596			

COMB DL-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		1.723980	51.546852		0.257491	
0.004584		0.146419	113.402289			
0.14084		1.723980	51.546852		0.257491	
0.004584		0.053767	109.052423			
0.28168		1.723980	51.546852		0.257491	
0.004584		0.281688	104.741335			
0.42252		1.723980	51.546852		0.257491	
0.004584		0.684808	112.630357			
0.56336		1.723980	51.546852		0.257491	
0.004584		1.096857	129.455161			

COMB DL-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-7.985225	-44.322976		-0.989071	
-0.003957		-0.561953	-0.903691			
0.14084		-7.985225	-44.322976		-0.989071	
-0.003957		-0.150283	-0.942318			
0.28168		-7.985225	-44.322976		-0.989071	
-0.003957		-0.070421	-51.043981			
0.42252		-7.985225	-44.322976		-0.989071	
-0.003957		-0.178877	-4.034567			
0.56336		-7.985225	-44.322976		-0.989071	
-0.003957		-0.286705	-23.763288			

COMB DL-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		7.404329	49.851628		0.580691	
0.004213		0.323107	118.874169			
0.14084		7.404329	49.851628		0.580691	
0.004213		0.096382	123.340420			
0.28168		7.404329	49.851628		0.580691	
0.004213		0.494099	130.199099			
0.42252		7.404329	49.851628		0.580691	
0.004213		1.208607	149.252021			
0.56336		7.404329	49.851628		0.580691	
0.004213		1.931838	177.134378			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1985

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-7.064518	-71.945022		-1.731115	
-0.004292		-0.972744	-9.428509			
0.14084		-7.064518	-71.945022		-1.731115	
-0.004292		-0.249742	-7.554719			
0.28168		-7.064518	-71.945022		-1.731115	
-0.004292		-0.164286	-6.286762			
0.42252		-7.064518	-71.945022		-1.731115	
-0.004292		-0.407687	-7.958691			
0.56336		-7.064518	-71.945022		-1.731115	
-0.004292		-0.651382	-26.027276			

COMB DL-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.298830	91.249790		1.066975	
0.004375		0.597026	108.273170			
0.14084		11.298830	91.249790		1.066975	
0.004375		0.160590	106.778827			
0.28168		11.298830	91.249790		1.066975	
0.004375		0.679762	117.918377			
0.42252		11.298830	91.249790		1.066975	
0.004375		1.691528	137.621881			
0.56336		11.298830	91.249790		1.066975	
0.004375		2.708462	163.107336			

COMB DL-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.627528	-66.298647		-2.429165	
-0.002918		-1.365338	-9.801449			
0.14084		-11.627528	-66.298647		-2.429165	
-0.002918		-0.348568	-17.282237			
0.28168		-11.627528	-66.298647		-2.429165	
-0.002918		-0.297707	-40.018659			
0.42252		-11.627528	-66.298647		-2.429165	
-0.002918		-0.745088	-65.126006			
0.56336		-11.627528	-66.298647		-2.429165	
-0.002918		-1.192715	-101.114287			

COMB DL-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.587595	76.679727		1.219032	
0.003659		0.681043	90.455084			
0.14084		11.587595	76.679727		1.219032	
0.003659		0.417656	89.181402			
0.28168		11.587595	76.679727		1.219032	
0.003659		0.761902	98.103536			
0.42252		11.587595	76.679727		1.219032	
0.003659		1.892069	114.107292			
0.56336		11.587595	76.679727		1.219032	
0.003659		3.026527	135.307366			

COMB DL-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.367078	-62.576465		-2.708669	
-0.003442		-1.516247	-27.035912			
0.14084		-11.367078	-62.576465		-2.708669	
-0.003442		-0.382090	-30.729271			
0.28168		-11.367078	-62.576465		-2.708669	
-0.003442		-0.339630	-47.166764			
0.42252		-11.367078	-62.576465		-2.708669	
-0.003442		-0.850996	-65.620518			
0.56336		-11.367078	-62.576465		-2.708669	
-0.003442		-1.362356	-93.235644			

COMB DL-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		1.992734	0.873963		0.508480	
8.13E-06		0.282202	1.067622			
0.14084		1.992734	0.873963		0.508480	
8.13E-06		0.069798	1.139845			
0.28168		1.992734	0.873963		0.508480	
8.13E-06		0.317713	1.374217			
0.42252		1.992734	0.873963		0.508480	
8.13E-06		0.781881	1.754468			
0.56336		1.992734	0.873963		0.508480	
8.13E-06		1.246069	2.181257			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1986

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-3.082354	-9.786215		-1.107043	
-0.001642		-0.610796	-29.257221			
0.14084		-3.082354	-9.786215		-1.107043	
-0.001642		-0.146407	-25.944907			
0.28168		-3.082354	-9.786215		-1.107043	
-0.001642		-0.141862	-22.840755			
0.42252		-3.082354	-9.786215		-1.107043	
-0.001642		-0.355499	-19.972522			
0.56336		-3.082354	-9.786215		-1.107043	
-0.001642		-0.568797	-17.206105			

COMB DL-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		7.762819	2.876445		0.886193	
0.000159		0.486860	6.275163			
0.14084		7.762819	2.876445		0.886193	
0.000159		0.120094	7.797555			
0.28168		7.762819	2.876445		0.886193	
0.000159		0.519018	13.101101			
0.42252		7.762819	2.876445		0.886193	
0.000159		1.280279	19.425149			
0.56336		7.762819	2.876445		0.886193	
0.000159		2.041746	26.333487			

COMB DL-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.279345	-28.765815		-1.816248	
-0.002621		-1.004762	-46.356786			
0.14084		-4.279345	-28.765815		-1.816248	
-0.002621		-0.243284	-39.107469			
0.28168		-4.279345	-28.765815		-1.816248	
-0.002621		-0.252701	-33.521908			
0.42252		-4.279345	-28.765815		-1.816248	
-0.002621		-0.621434	-28.453348			
0.56336		-4.279345	-28.765815		-1.816248	
-0.002621		-0.996319	-24.664432			

COMB DL-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		8.449842	2.737171		0.952765	
9.25E-06		0.527166	50.289005			
0.14084		8.449842	2.737171		0.952765	
9.25E-06		0.130209	72.954405			
0.28168		8.449842	2.737171		0.952765	
9.25E-06		0.678179	98.275354			
0.42252		8.449842	2.737171		0.952765	
9.25E-06		1.670007	124.214687			
0.56336		8.449842	2.737171		0.952765	
9.25E-06		2.661700	150.381384			

COMB DL-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.764147	-73.822492		-2.365703	
-0.002016		-1.306514	-38.929409			
0.14084		-4.764147	-73.822492		-2.365703	
-0.002016		-0.314350	-33.408284			
0.28168		-4.764147	-73.822492		-2.365703	
-0.002016		-0.268708	-28.755437			
0.42252		-4.764147	-73.822492		-2.365703	
-0.002016		-0.668404	-24.478508			
0.56336		-4.764147	-73.822492		-2.365703	
-0.002016		-1.068151	-20.807033			

COMB DL-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.698958	67.846845		1.149429	
0.003390		0.640270	101.290556			
0.14084		9.698958	67.846845		1.149429	
0.003390		0.386163	96.515640			
0.28168		9.698958	67.846845		1.149429	
0.003390		0.781207	103.548380			
0.42252		9.698958	67.846845		1.149429	
0.003390		1.929361	119.386253			
0.56336		9.698958	67.846845		1.149429	
0.003390		3.082556	140.737701			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1987

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.643124	-64.079500		-2.753577	
-0.003907		-1.535699	-33.218047			
0.14084		-11.643124	-64.079500		-2.753577	
-0.003907		-0.382788	-28.701273			
0.28168		-11.643124	-64.079500		-2.753577	
-0.003907		-0.321524	-38.389117			
0.42252		-11.643124	-64.079500		-2.753577	
-0.003907		-0.803719	-51.525136			
0.56336		-11.643124	-64.079500		-2.753577	
-0.003907		-1.285889	-74.888574			

COMB DB ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		14.117183	150.632227		0.721999	
0.007990		0.405058	119.358481			
0.14084		14.117183	150.632227		0.721999	
0.007990		0.110354	124.388988			
0.28168		14.117183	150.632227		0.721999	
0.007990		0.472282	133.669477			
0.42252		14.117183	150.632227		0.721999	
0.007990		1.157628	157.910134			
0.56336		14.117183	150.632227		0.721999	
0.007990		1.852497	191.945095			

COMB DB ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-14.155899	-84.764941		-1.660768	
-0.005682		-0.933215	-47.973683			
0.14084		-14.155899	-84.764941		-1.660768	
-0.005682		-0.237453	-54.097435			
0.28168		-14.155899	-84.764941		-1.660768	
-0.005682		-0.200329	-82.693991			
0.42252		-14.155899	-84.764941		-1.660768	
-0.005682		-0.503162	-118.859938			
0.56336		-14.155899	-84.764941		-1.660768	
-0.005682		-0.805908	-175.324482			

COMB DL ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		14.132243	136.092838		1.354150	
0.008804		0.757852	118.874169			
0.14084		14.132243	136.092838		1.354150	
0.008804		0.204810	123.340420			
0.28168		14.132243	136.092838		1.354150	
0.008804		0.781207	130.199099			
0.42252		14.132243	136.092838		1.354150	
0.008804		1.929361	149.252021			
0.56336		14.132243	136.092838		1.354150	
0.008804		3.082556	177.134378			

COMB DL ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-14.340819	-73.822492		-2.753577	
-0.005649		-1.535699	-46.356786			
0.14084		-14.340819	-73.822492		-2.753577	
-0.005649		-0.392301	-53.912996			
0.28168		-14.340819	-73.822492		-2.753577	
-0.005649		-0.377011	-77.598705			
0.42252		-14.340819	-73.822492		-2.753577	
-0.005649		-0.944807	-107.991001			
0.56336		-14.340819	-73.822492		-2.753577	
-0.005649		-1.512914	-162.295448			

COMB CAR ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		14.132243	150.632227		1.354150	
0.008804		0.757852	119.358481			
0.14084		14.132243	150.632227		1.354150	
0.008804		0.204810	124.388988			
0.28168		14.132243	150.632227		1.354150	
0.008804		0.781207	133.669477			
0.42252		14.132243	150.632227		1.354150	
0.008804		1.929361	157.910134			
0.56336		14.132243	150.632227		1.354150	
0.008804		3.082556	191.945095			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1988

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-14.340819	-84.764941		-2.753577	
-0.005682		-1.535699	-47.973683			
0.14084		-14.340819	-84.764941		-2.753577	
-0.005682		-0.392301	-54.097435			
0.28168		-14.340819	-84.764941		-2.753577	
-0.005682		-0.377011	-82.693991			
0.42252		-14.340819	-84.764941		-2.753577	
-0.005682		-0.944807	-118.859938			
0.56336		-14.340819	-84.764941		-2.753577	
-0.005682		-1.512914	-175.324482			

COMB DESIGN ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		14.132243	150.632227		1.354150	
0.008804		0.757852	119.358481			
0.14084		14.132243	150.632227		1.354150	
0.008804		0.204810	124.388988			
0.28168		14.132243	150.632227		1.354150	
0.008804		0.781207	133.669477			
0.42252		14.132243	150.632227		1.354150	
0.008804		1.929361	157.910134			
0.56336		14.132243	150.632227		1.354150	
0.008804		3.082556	191.945095			

COMB DESIGN ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-14.340819	-84.764941		-2.753577	
-0.005682		-1.535699	-47.973683			
0.14084		-14.340819	-84.764941		-2.753577	
-0.005682		-0.392301	-54.097435			
0.28168		-14.340819	-84.764941		-2.753577	
-0.005682		-0.377011	-82.693991			
0.42252		-14.340819	-84.764941		-2.753577	
-0.005682		-0.944807	-118.859938			
0.56336		-14.340819	-84.764941		-2.753577	
-0.005682		-1.512914	-175.324482			

ELEM 172 ========== LENGTH = 2.977533

COMB DB-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43660		0.481732	76.341394		0.407469	
0.001391		0.457365	103.172507			
0.57745		0.481732	76.341394		0.407469	
0.001391		0.286480	71.207734			
0.71830		0.481732	76.341394		0.407469	
0.001391		0.115588	39.304968			
0.85915		0.481732	76.341394		0.407469	
0.001391		0.056932	7.687779			
1.00000		0.481732	76.341394		0.407469	
0.001391		0.231302	2.795443			

COMB DB-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43660		-13.044909	-1.943879		-0.416800	
-1.46E-05		-0.467876	-3.760581			
0.57745		-13.044909	-1.943879		-0.416800	
-1.46E-05		-0.293077	-3.832293			
0.71830		-13.044909	-1.943879		-0.416800	
-1.46E-05		-0.118302	-4.600255			
0.85915		-13.044909	-1.943879		-0.416800	
-1.46E-05		-0.055259	-6.551408			
1.00000		-13.044909	-1.943879		-0.416800	
-1.46E-05		-0.226180	-26.102413			

COMB DB-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43660		5.437205	107.472638		0.553092	
0.007817		0.621705	196.765361			
0.57745		5.437205	107.472638		0.553092	
0.007817		0.389747	153.728216			

0.71830 5.437205 107.472638 0.553092
0.007817 0.157747 125.135703
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85915 5.437205 107.472638 0.553092
0.007817 0.146779 113.936808
1.00000 5.437205 107.472638 0.553092
0.007817 0.478172 120.959581

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -16.002640 -84.054630 -0.810061
-0.006149 -0.882872 -29.759049
0.57745 -16.002640 -84.054630 -0.810061
-0.006149 -0.543146 -5.639100
0.71830 -16.002640 -84.054630 -0.810061
-0.006149 -0.225547 -3.240135
0.85915 -16.002640 -84.054630 -0.810061
-0.006149 -0.087618 -4.160083
1.00000 -16.002640 -84.054630 -0.810061
-0.006149 -0.306231 -13.726067

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 8.953290 96.819507 0.613606
0.005785 0.689945 187.928833
0.57745 8.953290 96.819507 0.613606
0.005785 0.432609 149.687958
0.71830 8.953290 96.819507 0.613606
0.005785 0.175204 122.057340
0.85915 8.953290 96.819507 0.613606
0.005785 0.175069 108.210595
1.00000 8.953290 96.819507 0.613606
0.005785 0.636212 120.015917

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -14.649301 -114.896963 -1.108578
-0.004659 -1.224983 -80.524521
0.57745 -14.649301 -114.896963 -1.108578
-0.004659 -0.760064 -39.771856
0.71830 -14.649301 -114.896963 -1.108578
-0.004659 -0.310208 -11.959802
0.85915 -14.649301 -114.896963 -1.108578
-0.004659 -0.090872 -3.728632
1.00000 -14.649301 -114.896963 -1.108578
-0.004659 -0.339354 -11.491760

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 10.513405 80.844973 0.681462
0.004806 0.764918 157.110983
0.57745 10.513405 80.844973 0.681462
0.004806 0.479122 125.167467
0.71830 10.513405 80.844973 0.681462
0.004806 0.193250 102.080227
0.85915 10.513405 80.844973 0.681462
0.004806 0.191430 90.541088
1.00000 10.513405 80.844973 0.681462
0.004806 0.707437 100.471407

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -13.055962 -113.596735 -1.237948
-0.004320 -1.370508 -117.214341
0.57745 -13.055962 -113.596735 -1.237948
-0.004320 -0.851335 -76.021776
0.71830 -13.055962 -113.596735 -1.237948
-0.004320 -0.344666 -45.967270
0.85915 -13.055962 -113.596735 -1.237948
-0.004320 -0.103651 -32.543131
1.00000 -13.055962 -113.596735 -1.237948
-0.004320 -0.380410 -32.049247

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 6.663259 9.093136 0.134348
0.005413 0.151867 52.241667
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57745 6.663259 9.093136 0.134348
0.005413 0.095518 50.923904
0.71830 6.663259 9.093136 0.134348
0.005413 0.039105 62.329312
0.85915 6.663259 9.093136 0.134348
0.005413 0.097422 90.580985
1.00000 6.663259 9.093136 0.134348
0.005413 0.300723 130.503118

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -0.963547 -101.966546 -0.497109
-0.005339 -0.535508 -47.736705
0.57745 -0.963547 -101.966546 -0.497109
-0.005339 -0.326529 -14.192883
0.71830 -0.963547 -101.966546 -0.497109
-0.005339 -0.136576 -0.798487
0.85915 -0.963547 -101.966546 -0.497109
-0.005339 -0.028224 -0.741519
1.00000 -0.963547 -101.966546 -0.497109
-0.005339 -0.073475 -0.682188

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 11.019513 8.245789 0.287179
0.005070 0.323063 54.437658
0.57745 11.019513 8.245789 0.287179
0.005070 0.202616 53.628336
0.71830 11.019513 8.245789 0.287179
0.005070 0.082113 64.984419
0.85915 11.019513 8.245789 0.287179
0.005070 0.152283 92.160806
1.00000 11.019513 8.245789 0.287179
0.005070 0.528033 135.351757

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.777322 -139.588737 -0.906331
-0.005524 -0.994113 -111.900872
0.57745 -1.777322 -139.588737 -0.906331
-0.005524 -0.614013 -62.021036
0.71830 -1.777322 -139.588737 -0.906331
-0.005524 -0.251165 -26.795075
0.85915 -1.777322 -139.588737 -0.906331
-0.005524 -0.053707 -13.388347
1.00000 -1.777322 -139.588737 -0.906331
-0.005524 -0.161645 -9.416422

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 10.335742 83.962137 0.534270
0.004445 0.600523 194.639248
0.57745 10.335742 83.962137 0.534270
0.004445 0.376445 161.616500
0.71830 10.335742 83.962137 0.534270
0.004445 0.152324 137.443918
0.85915 10.335742 83.962137 0.534270
0.004445 0.166718 125.254321
1.00000 10.335742 83.962137 0.534270
0.004445 0.615552 128.306277

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -10.971518 -117.111497 -1.092996
-0.004070 -1.219207 -99.507857
0.57745 -10.971518 -117.111497 -1.092996
-0.004070 -0.760808 -56.762508
0.71830 -10.971518 -117.111497 -1.092996
-0.004070 -0.314642 -24.613160
0.85915 -10.971518 -117.111497 -1.092996
-0.004070 -0.083567 -12.747023
1.00000 -10.971518 -117.111497 -1.092996
-0.004070 -0.298391 -9.104460
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 11.870307 70.136892 0.630968
0.003719 0.708077 162.946407
0.57745 11.870307 70.136892 0.630968
0.003719 0.443453 135.361719
0.71830 11.870307 70.136892 0.630968
0.003719 0.178772 115.192401
0.85915 11.870307 70.136892 0.630968
0.003719 0.188138 104.999925
1.00000 11.870307 70.136892 0.630968
0.003719 0.700458 107.468766

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -9.344822 -111.400674 -1.240619
-0.003859 -1.381751 -132.116432
0.57745 -9.344822 -111.400674 -1.240619
-0.003859 -0.861445 -90.796035
0.71830 -9.344822 -111.400674 -1.240619
-0.003859 -0.351388 -58.276819
0.85915 -9.344822 -111.400674 -1.240619
-0.003859 -0.094762 -42.569989
1.00000 -9.344822 -111.400674 -1.240619
-0.003859 -0.352132 -34.086285

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 5.443627 0.387745 0.295637
6.99E-06 0.330153 1.660697
0.57745 5.443627 0.387745 0.295637
6.99E-06 0.206167 1.517341
0.71830 5.443627 0.387745 0.295637
6.99E-06 0.082373 1.393319
0.85915 5.443627 0.387745 0.295637
6.99E-06 0.078987 1.296872
1.00000 5.443627 0.387745 0.295637
6.99E-06 0.298063 1.242133

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -0.117060 -19.332681 -0.522277
-0.000717 -0.578077 -74.314708
0.57745 -0.117060 -19.332681 -0.522277
-0.000717 -0.359044 -66.418055
0.71830 -0.117060 -19.332681 -0.522277
-0.000717 -0.140037 -58.548934
0.85915 -0.117060 -19.332681 -0.522277
-0.000717 -0.041764 -50.702589
1.00000 -0.117060 -19.332681 -0.522277
-0.000717 -0.165793 -42.952266

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.245021 0.821835 0.470550
0.000201 0.523937 4.332861
0.57745 9.245021 0.821835 0.470550
0.000201 0.326627 4.185921
0.71830 9.245021 0.821835 0.470550
0.000201 0.130286 4.596282
0.85915 9.245021 0.821835 0.470550
0.000201 0.132119 5.815433
1.00000 9.245021 0.821835 0.470550
0.000201 0.504628 7.683682

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.439218 -48.974003 -0.888758
-0.001419 -0.986393 -133.178535
0.57745 -1.439218 -48.974003 -0.888758
-0.001419 -0.613681 -113.738050
0.71830 -1.439218 -48.974003 -0.888758
-0.001419 -0.241692 -95.359149
0.85915 -1.439218 -48.974003 -0.888758
-0.001419 -0.077004 -77.252422
1.00000 -1.439218 -48.974003 -0.888758
-0.001419 -0.271154 -60.203973
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 13.005011 1.770946 0.520096
0.000509 0.582803 27.111701
0.57745 13.005011 1.770946 0.520096
0.000509 0.364682 27.837309
0.71830 13.005011 1.770946 0.520096
0.000509 0.146495 30.385302
0.85915 13.005011 1.770946 0.520096
0.000509 0.174897 37.102494
1.00000 13.005011 1.770946 0.520096
0.000509 0.676691 58.860290

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.049857 -103.788330 -1.197494
-0.001765 -1.322297 -166.282680
0.57745 -1.049857 -103.788330 -1.197494
-0.001765 -0.830088 -123.958637
0.71830 -1.049857 -103.788330 -1.197494
-0.001765 -0.329021 -83.310161
0.85915 -1.049857 -103.788330 -1.197494
-0.001765 -0.076443 -63.603092
1.00000 -1.049857 -103.788330 -1.197494
-0.001765 -0.292165 -52.031651

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 13.526852 52.671630 0.606329
0.003956 0.680248 140.085538
0.57745 13.526852 52.671630 0.606329
0.003956 0.425957 119.942814
0.71830 13.526852 52.671630 0.606329
0.003956 0.171614 108.383545
0.85915 13.526852 52.671630 0.606329
0.003956 0.200527 108.292418
1.00000 13.526852 52.671630 0.606329
0.003956 0.743907 120.432069

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -6.225943 -119.379740 -1.303025
-0.004513 -1.443148 -147.184405
0.57745 -6.225943 -119.379740 -1.303025
-0.004513 -0.896681 -103.519206
0.71830 -6.225943 -119.379740 -1.303025
-0.004513 -0.362353 -70.149459
0.85915 -6.225943 -119.379740 -1.303025
-0.004513 -0.093550 -53.391661
1.00000 -6.225943 -119.379740 -1.303025
-0.004513 -0.338942 -43.756201

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 0.882560 72.194832 0.797576
0.001386 0.890088 94.365840
0.57745 0.882560 72.194832 0.797576
0.001386 0.555776 64.665759
0.71830 0.882560 72.194832 0.797576
0.001386 0.222700 35.381641
0.85915 0.882560 72.194832 0.797576
0.001386 0.089558 7.693748
1.00000 0.882560 72.194832 0.797576
0.001386 0.414105 3.420036

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -12.942574 -1.797765 -0.777062
-1.05E-05 -0.888819 -5.207127
0.57745 -12.942574 -1.797765 -0.777062
-1.05E-05 -0.562690 -5.199930
0.71830 -12.942574 -1.797765 -0.777062
-1.05E-05 -0.237309 -5.654278
0.85915 -12.942574 -1.797765 -0.777062
-1.05E-05 -0.114672 -8.091022
1.00000 -12.942574 -1.797765 -0.777062
-1.05E-05 -0.448522 -31.631656
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 6.103486 100.614989 1.044791
0.007719 1.171476 187.168761
0.57745 6.103486 100.614989 1.044791
0.007719 0.733525 150.175326
0.71830 6.103486 100.614989 1.044791
0.007719 0.296485 126.106337
0.85915 6.103486 100.614989 1.044791
0.007719 0.077213 118.698712
1.00000 6.103486 100.614989 1.044791
0.007719 0.869542 128.581347

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -15.637265 -78.845728 -1.543424
-0.006158 -1.720564 -32.538378
0.57745 -15.637265 -78.845728 -1.543424
-0.006158 -1.073489 -7.248476
0.71830 -15.637265 -78.845728 -1.543424
-0.006158 -0.446361 -4.940902
0.85915 -15.637265 -78.845728 -1.543424
-0.006158 -0.164554 -5.949117
1.00000 -15.637265 -78.845728 -1.543424
-0.006158 -0.583095 -20.514554

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.061796 90.292324 1.142285
0.005908 1.280091 176.366182
0.57745 9.061796 90.292324 1.142285
0.005908 0.801389 143.293527
0.71830 9.061796 90.292324 1.142285
0.005908 0.323274 120.191168
0.85915 9.061796 90.292324 1.142285
0.005908 0.278579 116.735055
1.00000 9.061796 90.292324 1.142285
0.005908 1.088578 134.237282

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -14.427142 -106.049368 -1.939694
-0.004766 -2.166457 -73.556029
0.57745 -14.427142 -106.049368 -1.939694
-0.004766 -1.353247 -35.917144
0.71830 -14.427142 -106.049368 -1.939694
-0.004766 -0.554262 -13.674156
0.85915 -14.427142 -106.049368 -1.939694
-0.004766 -0.172612 -6.033859
1.00000 -14.427142 -106.049368 -1.939694
-0.004766 -0.637242 -18.026079

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 10.203004 75.459717 1.282201
0.004909 0.931559 147.555889
0.57745 10.203004 75.459717 1.282201
0.004909 0.894083 120.021556
0.71830 10.203004 75.459717 1.282201
0.004909 0.357160 100.740956
0.85915 10.203004 75.459717 1.282201
0.004909 0.305651 97.822999
1.00000 10.203004 75.459717 1.282201
0.004909 1.194481 112.304559

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -12.828022 -107.274604 -2.126286
-0.004386 -2.373477 -113.797151
0.57745 -12.828022 -107.274604 -2.126286
-0.004386 -1.481993 -74.296561
0.71830 -12.828022 -107.274604 -2.126286
-0.004386 -0.602233 -48.564535
0.85915 -12.828022 -107.274604 -2.126286
-0.004386 -0.193699 -34.961038
1.00000 -12.828022 -107.274604 -2.126286
-0.004386 -0.719204 -37.585811
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 6.262148 9.292443 0.216765
0.004529 0.245351 54.822922
0.57745 6.262148 9.292443 0.216765
0.004529 0.154614 56.189734
0.71830 6.262148 9.292443 0.216765
0.004529 0.063205 68.834707
0.85915 6.262148 9.292443 0.216765
0.004529 0.142640 96.770441
1.00000 6.262148 9.292443 0.216765
0.004529 0.487594 130.431496

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.067222 -87.448811 -0.829039
-0.004483 -0.903761 -42.939020
0.57745 -1.067222 -87.448811 -0.829039
-0.004483 -0.556510 -12.804895
0.71830 -1.067222 -87.448811 -0.829039
-0.004483 -0.222548 -1.032673
0.85915 -1.067222 -87.448811 -0.829039
-0.004483 -0.041157 -0.988484
1.00000 -1.067222 -87.448811 -0.829039
-0.004483 -0.119240 -0.912721

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.985541 8.671605 0.540037
0.004364 0.600652 55.653233
0.57745 9.985541 8.671605 0.540037
0.004364 0.373979 56.767139
0.71830 9.985541 8.671605 0.540037
0.004364 0.147944 67.883446
0.85915 9.985541 8.671605 0.540037
0.004364 0.225871 99.264005
1.00000 9.985541 8.671605 0.540037
0.004364 0.817592 139.488265

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.926553 -122.794824 -1.416004
-0.004755 -1.559581 -100.059303
0.57745 -1.926553 -122.794824 -1.416004
-0.004755 -0.966242 -54.595780
0.71830 -1.926553 -122.794824 -1.416004
-0.004755 -0.385789 -25.166716
0.85915 -1.926553 -122.794824 -1.416004
-0.004755 -0.091265 -12.599217
1.00000 -1.926553 -122.794824 -1.416004
-0.004755 -0.304960 -8.941144

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.727567 79.391788 0.991634
0.003758 1.110175 190.446747
0.57745 9.727567 79.391788 0.991634
0.003758 0.693892 160.867450
0.71830 9.727567 79.391788 0.991634
0.003758 0.278443 138.468381
0.85915 9.727567 79.391788 0.991634
0.003758 0.273798 132.001049
1.00000 9.727567 79.391788 0.991634
0.003758 1.076786 133.604666

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -10.640201 -101.260538 -1.923874
-0.003267 -2.150405 -88.597541
0.57745 -10.640201 -101.260538 -1.923874
-0.003267 -1.343628 -50.686314
0.71830 -10.640201 -101.260538 -1.923874
-0.003267 -0.545029 -23.806076
0.85915 -10.640201 -101.260538 -1.923874
-0.003267 -0.145454 -13.070031
1.00000 -10.640201 -101.260538 -1.923874
-0.003267 -0.552906 -9.364194
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 11.189100 66.397496 1.144466
0.003146 1.280553 159.752687
0.57745 11.189100 66.397496 1.144466
0.003146 0.800344 135.016635
0.71830 11.189100 66.397496 1.144466
0.003146 0.320269 116.202968
0.85915 11.189100 66.397496 1.144466
0.003146 0.319045 110.775452
1.00000 11.189100 66.397496 1.144466
0.003146 1.224553 112.133678

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -9.098479 -100.178662 -2.180800
-0.003196 -2.433777 -128.965656
0.57745 -9.098479 -100.178662 -2.180800
-0.003196 -1.519236 -90.869249
0.71830 -9.098479 -100.178662 -2.180800
-0.003196 -0.611452 -61.929653
0.85915 -9.098479 -100.178662 -2.180800
-0.003196 -0.165374 -46.366173
1.00000 -9.098479 -100.178662 -2.180800
-0.003196 -0.637572 -36.992453

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 5.354286 0.585128 0.494690
4.08E-06 0.551395 2.072856
0.57745 5.354286 0.585128 0.494690
4.08E-06 0.343902 1.852096
0.71830 5.354286 0.585128 0.494690
4.08E-06 0.136029 1.701287
0.85915 5.354286 0.585128 0.494690
4.08E-06 0.142668 1.569737
1.00000 5.354286 0.585128 0.494690
4.08E-06 0.542543 1.491215

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -0.189010 -21.842451 -0.953127
-0.000749 -1.056456 -84.620444
0.57745 -0.189010 -21.842451 -0.953127
-0.000749 -0.636710 -75.557824
0.71830 -0.189010 -21.842451 -0.953127
-0.000749 -0.256889 -66.566215
0.85915 -0.189010 -21.842451 -0.953127
-0.000749 -0.069708 -57.612867
1.00000 -0.189010 -21.842451 -0.953127
-0.000749 -0.277299 -48.751357

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 8.590894 0.889146 0.893174
0.000129 0.987098 4.416183
0.57745 8.590894 0.889146 0.893174
0.000129 0.612355 4.315789
0.71830 8.590894 0.889146 0.893174
0.000129 0.237526 4.592146
0.85915 8.590894 0.889146 0.893174
0.000129 0.225036 5.379804
1.00000 8.590894 0.889146 0.893174
0.000129 0.865957 7.113932

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.537408 -51.337594 -1.528032
-0.001364 -1.697585 -143.926980
0.57745 -1.537408 -51.337594 -1.528032
-0.001364 -1.056808 -123.074176

0.71830 -1.537408 -51.337594 -1.528032
-0.001364 -0.416480 -102.862624
0.85915 -1.537408 -51.337594 -1.528032
-0.001364 -0.134984 -83.507347
1.00000 -1.537408 -51.337594 -1.528032
-0.001364 -0.508641 -65.439659
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1996

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 11.928895 1.631593 0.914907
0.000213 1.017126 25.332781
0.57745 11.928895 1.631593 0.914907
0.000213 0.633352 26.652354
0.71830 11.928895 1.631593 0.914907
0.000213 0.249685 30.481022
0.85915 11.928895 1.631593 0.914907
0.000213 0.289749 43.811915
1.00000 11.928895 1.631593 0.914907
0.000213 1.113415 65.108626

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -1.347891 -96.306665 -1.963705
-0.001393 -2.181475 -165.215368
0.57745 -1.347891 -96.306665 -1.963705
-0.001393 -1.258195 -126.607290
0.71830 -1.347891 -96.306665 -1.963705
-0.001393 -0.534932 -90.148681
0.85915 -1.347891 -96.306665 -1.963705
-0.001393 -0.131863 -70.786641
1.00000 -1.347891 -96.306665 -1.963705
-0.001393 -0.515461 -57.471535

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 12.683462 50.652139 1.085986
0.003010 1.212586 141.049079
0.57745 12.683462 50.652139 1.085986
0.003010 0.757084 123.064243
0.71830 12.683462 50.652139 1.085986
0.003010 0.301619 111.736904
0.85915 12.683462 50.652139 1.085986
0.003010 0.339298 114.105812
1.00000 12.683462 50.652139 1.085986
0.003010 1.285599 123.032749

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -6.216353 -106.012555 -2.268105
-0.003566 -2.519560 -146.452993
0.57745 -6.216353 -106.012555 -2.268105
-0.003566 -1.568620 -106.209771
0.71830 -6.216353 -106.012555 -2.268105
-0.003566 -0.625151 -76.062915
0.85915 -6.216353 -106.012555 -2.268105
-0.003566 -0.193699 -59.822675
1.00000 -6.216353 -106.012555 -2.268105
-0.003566 -0.607744 -48.712714

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 13.526852 107.472638 0.681462
0.007817 0.764918 196.765361
0.57745 13.526852 107.472638 0.681462
0.007817 0.479122 161.616500
0.71830 13.526852 107.472638 0.681462
0.007817 0.193250 137.443918
0.85915 13.526852 107.472638 0.681462
0.007817 0.200527 125.254321
1.00000 13.526852 107.472638 0.681462
0.007817 0.743907 135.351757

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -16.002640 -139.588737 -1.303025
-0.006149 -1.443148 -166.282680
0.57745 -16.002640 -139.588737 -1.303025
-0.006149 -0.896681 -123.958637
0.71830 -16.002640 -139.588737 -1.303025
-0.006149 -0.362353 -95.359149
0.85915 -16.002640 -139.588737 -1.303025
-0.006149 -0.103651 -77.252422
1.00000 -16.002640 -139.588737 -1.303025
-0.006149 -0.380410 -60.203973
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1997

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 12.683462 100.614989 1.282201
0.007719 0.894083 190.446747
0.57745 12.683462 100.614989 1.282201
0.007719 0.894083 160.867450
0.71830 12.683462 100.614989 1.282201
0.007719 0.357160 138.468381
0.85915 12.683462 100.614989 1.282201
0.007719 0.339298 132.001049
1.00000 12.683462 100.614989 1.282201
0.007719 1.285599 139.488265

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -15.637265 -122.794824 -2.268105
-0.006158 -2.519560 -165.215368
0.57745 -15.637265 -122.794824 -2.268105
-0.006158 -1.568620 -126.607290
0.71830 -15.637265 -122.794824 -2.268105
-0.006158 -0.625151 -102.862624
0.85915 -15.637265 -122.794824 -2.268105
-0.006158 -0.193699 -83.507347
1.00000 -15.637265 -122.794824 -2.268105
-0.006158 -0.719204 -65.439659

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 13.526852 107.472638 1.282201
0.007817 1.431559 196.765361
0.57745 13.526852 107.472638 1.282201
0.007817 0.894083 161.616500
0.71830 13.526852 107.472638 1.282201
0.007817 0.357160 138.468381
0.85915 13.526852 107.472638 1.282201
0.007817 0.339298 132.001049
1.00000 13.526852 107.472638 1.282201
0.007817 1.285599 139.488265

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -16.002640 -139.588737 -2.268105
-0.006158 -2.519560 -166.282680
0.57745 -16.002640 -139.588737 -2.268105
-0.006158 -1.568620 -126.607290
0.71830 -16.002640 -139.588737 -2.268105
-0.006158 -0.625151 -102.862624
0.85915 -16.002640 -139.588737 -2.268105
-0.006158 -0.193699 -83.507347
1.00000 -16.002640 -139.588737 -2.268105
-0.006158 -0.719204 -65.439659
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1998

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 173 ========== LENGTH = 2.977477

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.476933 76.115551 0.427738
0.001398 0.243406 2.794302
0.14085 0.476933 76.115551 0.427738
0.001398 0.063972 3.460246
0.28169 0.476933 76.115551 0.427738
0.001398 0.118126 4.131048
0.42254 0.476933 76.115551 0.427738
0.001398 0.301718 4.831747
0.56339 0.476933 76.115551 0.427738
0.001398 0.485337 5.554064

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.011034 -1.913598 -0.437847
-7.24E-06 -0.249143 -26.136723
0.14085 -13.011034 -1.913508 -0.437847
-7.24E-06 -0.073234 -57.638912
0.28169 -13.011034 -1.913508 -0.437847
-7.24E-06 -0.115350 -89.489366
0.42254 -13.011034 -1.913508 -0.437847
-7.24E-06 -0.109642 -121.340585
0.56339 -13.011034 -1.913508 -0.437847
-7.24E-06 -0.474114 -153.223380

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.606931 172.409668 0.585630
0.007990 0.333874 121.312894
0.14085 3.606931 172.409668 0.585630
0.007990 0.105796 97.038789
0.28169 3.606931 172.409668 0.585630
0.007990 0.226711 72.909337
0.42254 3.606931 172.409668 0.585630
0.007990 0.554440 66.467996
0.56339 3.606931 172.409668 0.585630
0.007990 0.904255 73.588610

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.792545 -23.336253 -0.836233
-0.005999 -0.503206 -13.768857
0.14085 -19.792545 -23.336253 -0.836233
-0.005999 -0.162183 -54.263289
0.28169 -19.792545 -23.336253 -0.836233
-0.005999 -0.157284 -94.895017
0.42254 -19.792545 -23.336253 -0.836233
-0.005999 -0.402911 -137.659114
0.56339 -19.792545 -23.336253 -0.836233
-0.005999 -0.648506 -201.574360

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.786016 140.953722 0.650107
0.005918 0.370501 120.225895
0.14085 7.786016 140.953722 0.650107
0.005918 0.139627 127.696170
0.28169 7.786016 140.953722 0.650107
0.005918 0.313912 135.600460
0.42254 7.786016 140.953722 0.650107
0.005918 0.779413 155.511870
0.56339 7.786016 140.953722 0.650107
0.005918 1.259937 184.641959

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.200613 -73.882191 -1.147258
-0.004077 -0.670507 -11.328649
0.14085 -17.200613 -73.882191 -1.147258
-0.004077 -0.196537 -48.923365
0.28169 -17.200613 -73.882191 -1.147258
-0.004077 -0.174699 -86.369017
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
1999

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42254 -17.200613 -73.882191 -1.147258
-0.004077 -0.447386 -125.227990
0.56339 -17.200613 -73.882191 -1.147258
-0.004077 -0.720028 -178.477092

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.576576 117.457105 0.714403
0.004950 0.408076 100.644742
0.14085 9.576576 117.457105 0.714403
0.004950 0.116193 107.395910
0.28169 9.576576 117.457105 0.714403
0.004950 0.350284 116.513379
0.42254 9.576576 117.457105 0.714403
0.004950 0.869045 136.309932
0.56339 9.576576 117.457105 0.714403
0.004950 1.400290 167.184646

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.170577 -79.696217 -1.267959
-0.004009 -0.731641 -32.092449
0.14085 -15.170577 -79.696217 -1.267959
-0.004009 -0.205869 -56.330987
0.28169 -15.170577 -79.696217 -1.267959
-0.004009 -0.193040 -81.692825
0.42254 -15.170577 -79.696217 -1.267959
-0.004009 -0.492712 -109.077612
0.56339 -15.170577 -79.696217 -1.267959
-0.004009 -0.792309 -149.802213

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.180124 63.842213 0.146698
0.005327 0.084104 130.784130
0.14085 5.180124 63.842213 0.146698
0.005327 0.037249 123.570477
0.28169 5.180124 63.842213 0.146698
0.005327 0.139179 116.808905
0.42254 5.180124 63.842213 0.146698
0.005327 0.331804 124.862220
0.56339 5.180124 63.842213 0.146698
0.005327 0.542903 144.178751

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.169123 -51.356689 -0.505121
-0.005016 -0.304581 -0.680731
0.14085 -4.169123 -51.356689 -0.505121
-0.005016 -0.093672 -0.624483
0.28169 -4.169123 -51.356689 -0.505121
-0.005016 -0.038863 -0.582866
0.42254 -4.169123 -51.356689 -0.505121
-0.005016 -0.100447 -2.297131
0.56339 -4.169123 -51.356689 -0.505121
-0.005016 -0.161973 -21.707478

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.701031 59.219737 0.304216
0.005097 0.173144 135.592152
0.14085 9.701031 59.219737 0.304216
0.005097 0.059210 143.742608
0.28169 9.701031 59.219737 0.304216
0.005097 0.256617 155.129681
0.42254 9.701031 59.219737 0.304216
0.005097 0.627330 180.671887
0.56339 9.701031 59.219737 0.304216
0.005097 1.015266 217.413057

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.745809 -92.770223 -0.926682
-0.004955 -0.539356 -9.420235
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2000

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -4.745809 -92.770223 -0.926682
-0.004955 -0.151554 -5.498405
0.28169 -4.745809 -92.770223 -0.926682
-0.004955 -0.081934 -3.027598
0.42254 -4.745809 -92.770223 -0.926682
-0.004955 -0.209581 -3.309759
0.56339 -4.745809 -92.770223 -0.926682
-0.004955 -0.337158 -21.009198

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.426995 119.586904 0.564625
0.004780 0.321528 128.435605
0.14085 9.426995 119.586904 0.564625
0.004780 0.094328 123.798514
0.28169 9.426995 119.586904 0.564625
0.004780 0.312549 139.339435
0.42254 9.426995 119.586904 0.564625
0.004780 0.788113 164.985414
0.56339 9.426995 119.586904 0.564625
0.004780 1.275915 198.687651

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.026167 -84.092825 -1.164337
-0.003564 -0.167237 -19.218481
0.14085 -13.026167 -84.092825 -1.164337
-0.003564 -0.189744 -17.389858
0.28169 -13.026167 -84.092825 -1.164337
-0.003564 -0.151970 -47.636408
0.42254 -13.026167 -84.092825 -1.164337
-0.003564 -0.388821 -80.042591
0.56339 -13.026167 -84.092825 -1.164337
-0.003564 -0.625606 -124.967603

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.140785 99.972839 0.660605
0.003992 0.375317 107.579426
0.14085 11.140785 99.972839 0.660605
0.003992 0.106274 103.616859
0.28169 11.140785 99.972839 0.660605
0.003992 0.352645 115.998537
0.42254 11.140785 99.972839 0.660605
0.003992 0.882726 136.852834
0.56339 11.140785 99.972839 0.660605
0.003992 1.423057 166.549909

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.066737 -83.743557 -1.289406
-0.003631 -0.739975 -34.097473
0.14085 -11.066737 -83.743557 -1.289406
-0.003631 -0.199806 -35.592697
0.28169 -11.066737 -83.743557 -1.289406
-0.003631 -0.178284 -55.135346
0.42254 -11.066737 -83.743557 -1.289406
-0.003631 -0.455787 -76.370396
0.56339 -11.066737 -83.743557 -1.289406
-0.003631 -0.732823 -108.061138

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.489937 0.441121 0.302408
1.38E-05 0.170933 1.245109
0.14085 5.489937 0.441121 0.302408
1.38E-05 0.044078 1.321518
0.28169 5.489937 0.441121 0.302408
1.38E-05 0.145201 1.553573
0.42254 5.489937 0.441121 0.302408
1.38E-05 0.354123 1.840220
0.56339 5.489937 0.441121 0.302408
1.38E-05 0.563069 2.154470
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2001

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.125565 -19.324424 -0.498241
-0.001062 -0.272720 -42.968731
0.14085 -0.125565 -19.324424 -0.498241
-0.001062 -0.063763 -35.489759
0.28169 -0.125565 -19.324424 -0.498241
-0.001062 -0.082692 -28.142438
0.42254 -0.125565 -19.324424 -0.498241
-0.001062 -0.209528 -20.902660
0.56339 -0.125565 -19.324424 -0.498241
-0.001062 -0.336348 -13.819315

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.273720 2.896775 0.476760
0.000327 0.269013 7.691197
0.14085 9.273720 2.896775 0.476760
0.000327 0.069574 10.685705
0.28169 9.273720 2.896775 0.476760
0.000327 0.249469 18.473874
0.42254 9.273720 2.896775 0.476760
0.000327 0.613728 27.361861
0.56339 9.273720 2.896775 0.476760
0.000327 0.978728 37.526705

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.560573 -47.355036 -0.870423
-0.001905 -0.481397 -60.231179
0.14085 -1.560573 -47.355036 -0.870423
-0.001905 -0.116424 -46.188595
0.28169 -1.560573 -47.355036 -0.870423
-0.001905 -0.130827 -34.175074
0.42254 -1.560573 -47.355036 -0.870423
-0.001905 -0.330799 -23.697890
0.56339 -1.560573 -47.355036 -0.870423
-0.001905 -0.530734 -15.209235

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.070777 5.146380 0.539239
0.000515 0.305464 58.843268
0.14085 13.070777 5.146380 0.539239
0.000515 0.080109 87.083388
0.28169 13.070777 5.146380 0.539239
0.000515 0.338651 118.072868
0.42254 13.070777 5.146380 0.539239
0.000515 0.838238 150.348018
0.56339 13.070777 5.146380 0.539239
0.000515 1.338976 183.871615

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.226794 -101.276743 -1.194137
-0.001634 -0.664195 -52.051983
0.14085 -1.226794 -101.276743 -1.194137
-0.001634 -0.163410 -40.581968
0.28169 -1.226794 -101.276743 -1.194137
-0.001634 -0.146737 -30.349446
0.42254 -1.226794 -101.276743 -1.194137
-0.001634 -0.372947 -21.241486
0.56339 -1.226794 -101.276743 -1.194137
-0.001634 -0.599086 -14.156804

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.650898 88.051602 0.633895
0.004207 0.359962 120.581579
0.14085 12.650898 88.051602 0.633895
0.004207 0.103601 112.987509
0.28169 12.650898 88.051602 0.633895
0.004207 0.367170 119.880799
0.42254 12.650898 88.051602 0.633895
0.004207 0.908100 139.176669
0.56339 12.650898 88.051602 0.633895
0.004207 1.461115 166.765621
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2002

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.280562 -86.644875 -1.319873
-0.004372 -0.753043 -43.772930
0.14085 -8.280562 -86.644875 -1.319873
-0.004372 -0.200230 -34.246357
0.28169 -8.280562 -86.644875 -1.319873
-0.004372 -0.171629 -42.991866
0.42254 -8.280562 -86.644875 -1.319873
-0.004372 -0.437534 -55.857537
0.56339 -8.280562 -86.644875 -1.319873
-0.004372 -0.703368 -81.022834

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.875905 72.118230 0.823869
0.001457 0.470305 3.417778
0.14085 0.875905 72.118230 0.823869
0.001457 0.124924 4.220280
0.28169 0.875905 72.118230 0.823869
0.001457 0.231234 4.604632
0.42254 0.875905 72.118230 0.823869
0.001457 0.627031 5.212028
0.56339 0.875905 72.118230 0.823869
0.001457 1.023313 5.837876

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.909611 -1.798071 -0.944071
-4.27E-06 -0.559343 -31.665844
0.14085 -12.909611 -1.798071 -0.944071
-4.27E-06 -0.166183 -61.671483
0.28169 -12.909611 -1.798071 -0.944071
-4.27E-06 -0.221510 -91.656089
0.42254 -12.909611 -1.798071 -0.944071
-4.27E-06 -0.566462 -121.585535
0.56339 -12.909611 -1.798071 -0.944071
-4.27E-06 -0.911886 -151.616386

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.658885 162.842190 1.108379
0.008121 0.639602 128.618687
0.14085 3.658885 162.842190 1.108379
0.008121 0.195490 103.420477
0.28169 3.658885 162.842190 1.108379
0.008121 0.442475 78.320176
0.42254 3.658885 162.842190 1.108379
0.008121 1.143911 69.763696
0.56339 3.658885 162.842190 1.108379
0.008121 1.862261 74.596534

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.367319 -19.863746 -1.716535
-0.005989 -1.019062 -20.554571
0.14085 -19.367319 -19.863746 -1.716535
-0.005989 -0.306013 -57.406012
0.28169 -19.367319 -19.863746 -1.716535
-0.005989 -0.259238 -94.257648
0.42254 -19.367319 -19.863746 -1.716535
-0.005989 -0.760112 -133.498524
0.56339 -19.367319 -19.863746 -1.716535
-0.005989 -1.224990 -198.435624

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.390603 134.426124 1.203244

0.006207 0.690346 134.230916
0.14085 7.390603 134.426124 1.203244
0.006207 0.200494 136.996001
0.28169 7.390603 134.426124 1.203244
0.006207 0.551956 140.095125
0.42254 7.390603 134.426124 1.203244
0.006207 1.414729 154.955608
0.56339 7.390603 134.426124 1.203244
0.006207 2.289361 179.345461
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2003

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.049487 -64.336318 -2.088553
-0.004256 -1.216418 -18.058549
0.14085 -17.049487 -64.336318 -2.088553
-0.004256 -0.345926 -51.934428
0.28169 -17.049487 -64.336318 -2.088553
-0.004256 -0.322300 -85.822331
0.42254 -17.049487 -64.336318 -2.088553
-0.004256 -0.827112 -121.376755
0.56339 -17.049487 -64.336318 -2.088553
-0.004256 -1.331690 -175.186056

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.846110 112.075921 1.319304
0.005186 0.751666 112.299464
0.14085 8.846110 112.075921 1.319304
0.005186 0.211488 115.147644
0.28169 8.846110 112.075921 1.319304
0.005186 0.602292 120.056201
0.42254 8.846110 112.075921 1.319304
0.005186 1.533511 135.677540
0.56339 8.846110 112.075921 1.319304
0.005186 2.474642 162.355049

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.003450 -72.716929 -2.246687
-0.004118 -1.296131 -37.627113
0.14085 -15.003450 -72.716929 -2.246687
-0.004118 -0.358619 -58.842033
0.28169 -15.003450 -72.716929 -2.246687
-0.004118 -0.358018 -81.034582
0.42254 -15.003450 -72.716929 -2.246687
-0.004118 -0.909814 -105.290366
0.56339 -15.003450 -72.716929 -2.246687
-0.004118 -1.463434 -147.205608

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.595447 53.105132 0.238764
0.004589 0.141327 130.438981
0.14085 4.595447 53.105132 0.238764
0.004589 0.055519 126.356302
0.28169 4.595447 53.105132 0.238764
0.004589 0.225595 122.273391
0.42254 4.595447 53.105132 0.238764
0.004589 0.549078 129.803377
0.56339 4.595447 53.105132 0.238764
0.004589 0.884641 146.715729

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.707889 -46.395311 -0.803689
-0.004196 -0.464481 -0.909050
0.14085 -3.707889 -46.395311 -0.803689
-0.004196 -0.130250 0.884105
0.28169 -3.707889 -46.395311 -0.803689
-0.004196 -0.062673 -0.855992
0.42254 -3.707889 -46.395311 -0.803689
-0.004196 -0.163075 -2.456936
0.56339 -3.707889 -46.395311 -0.803689
-0.004196 -0.263222 -22.142280

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.445774 50.467177 0.538965
0.004507 0.054818 139.473973
0.14085 8.445774 50.467177 0.538965
0.004507 0.096174 148.125277
0.28169 8.445774 50.467177 0.538965
0.004507 0.389778 159.712054
0.42254 8.445774 50.467177 0.538965
0.004507 0.959093 183.077443
0.56339 8.445774 50.467177 0.538965
0.004507 1.540100 215.724082
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2004

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.433803 -83.629782 -1.389044
-0.004261 -0.791935 -8.936529
0.14085 -4.433803 -83.629782 -1.389044
-0.004261 -0.212383 -5.411287
0.28169 -4.433803 -83.629782 -1.389044
-0.004261 -0.149402 -3.388611
0.42254 -4.433803 -83.629782 -1.389044
-0.004261 -0.373046 -3.598756
0.56339 -4.433803 -83.629782 -1.389044
-0.004261 -0.599268 -22.156163

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.749725 106.109432 1.028137
0.004106 0.587110 133.546109
0.14085 8.749725 106.109432 1.028137
0.004106 0.128366 128.362625
0.28169 8.749725 106.109432 1.028137
0.004106 0.543350 143.176389
0.42254 8.749725 106.109432 1.028137
0.004106 1.379951 166.790338
0.56339 8.749725 106.109432 1.028137
0.004106 2.224219 196.790792

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.215110 -75.933368 -2.014838
-0.002835 -1.155746 -9.359739
0.14085 -12.215110 -75.933368 -2.014838
-0.002835 -0.312535 -14.949061
0.28169 -12.215110 -75.933368 -2.014838
-0.002835 -0.279196 -42.332384
0.42254 -12.215110 -75.933368 -2.014838
-0.002835 -0.708241 -72.296298
0.56339 -12.215110 -75.933368 -2.014838
-0.002835 -1.139639 -114.662879

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.404323 88.797303 1.181200
0.003428 0.670747 112.087487
0.14085 10.404323 88.797303 1.181200
0.003428 0.183860 107.576480
0.28169 10.404323 88.797303 1.181200
0.003428 0.612584 119.179914
0.42254 10.404323 88.797303 1.181200
0.003428 1.546225 138.197070
0.56339 10.404323 88.797303 1.181200
0.003428 2.485991 164.370754

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.421220 -78.943480 -2.242296
-0.003031 -1.275576 -36.999783
0.14085 -10.421220 -78.943480 -2.242296
-0.003031 -0.336872 -35.351835
0.28169 -10.421220 -78.943480 -2.242296
-0.003031 -0.321078 -51.554820
0.42254 -10.421220 -78.943480 -2.242296
-0.003031 -0.815572 -68.776156
0.56339 -10.421220 -78.943480 -2.242296
-0.003031 -1.311149 -99.238261

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.407852 0.605585 0.497606
1.09E-05 0.278151 1.494660
0.14085 5.407852 0.605585 0.497606
1.09E-05 0.070926 1.602297
0.28169 5.407852 0.605585 0.497606
1.09E-05 0.262471 1.844945
0.42254 5.407852 0.605585 0.497606
1.09E-05 0.645598 2.118202
0.56339 5.407852 0.605585 0.497606
1.09E-05 1.028802 2.394140
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2005

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.195302 -21.846754 -0.913750
-0.001102 -0.504006 -48.772194
0.14085 -0.195302 -21.846754 -0.913750
-0.001102 -0.120705 -40.127099
0.28169 -0.195302 -21.846754 -0.913750
-0.001102 -0.136808 -31.592814
0.42254 -0.195302 -21.846754 -0.913750
-0.001102 -0.345996 -23.099926
0.56339 -0.195302 -21.846754 -0.913750
-0.001102 -0.554711 -14.689256

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.625182 2.141333 0.855059
0.000254 0.476916 7.111533
0.14085 8.625182 2.141333 0.855059
0.000254 0.120950 11.049206
0.28169 8.625182 2.141333 0.855059
0.000254 0.423394 19.332794
0.42254 8.625182 2.141333 0.855059
0.000254 1.045833 27.616074
0.56339 8.625182 2.141333 0.855059
0.000254 1.673169 39.469960

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.615256 -50.285187 -1.490662
-0.001823 -0.827664 -65.472597
0.14085 -1.615256 -50.285187 -1.490662
-0.001823 -0.203094 -50.233445
0.28169 -1.615256 -50.285187 -1.490662
-0.001823 -0.241926 -37.246998
0.42254 -1.615256 -50.285187 -1.490662
-0.001823 -0.597132 -25.409058
0.56339 -1.615256 -50.285187 -1.490662
-0.001823 -0.955260 -15.690367

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.078794 1.653485 0.908670
0.000203 0.509260 65.070448
0.14085 12.078794 1.653485 0.908670
0.000203 0.129392 91.772273
0.28169 12.078794 1.653485 0.908670
0.000203 0.542853 121.377674
0.42254 12.078794 1.653485 0.908670
0.000203 1.343621 151.771496
0.56339 12.078794 1.653485 0.908670
0.000203 2.144118 182.522397

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.333451 -96.734167 -1.909963
-0.001374 -1.059691 -57.494652
0.14085 -1.333451 -96.734167 -1.909963
-0.001374 -0.255810 -61.698632
0.28169 -1.333451 -96.734167 -1.909963
-0.001374 -0.252146 -33.506244
0.42254 -1.333451 -96.734167 -1.909963
-0.001374 -0.631167 -23.159954
0.56339 -1.333451 -96.734167 -1.909963
-0.001374 -1.012323 -13.981267

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.835623 75.013443 1.107909
0.003343 0.627611 122.997979
0.14085 11.835623 75.013443 1.107909
0.003343 0.172325 116.534637
0.28169 11.835623 75.013443 1.107909
0.003343 0.630346 125.380095
0.42254 11.835623 75.013443 1.107909
0.003343 1.572088 144.089957
0.56339 11.835623 75.013443 1.107909
0.003343 2.520477 168.855258
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2006

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.666785 -82.981763 -2.263717
-0.003508 -1.277129 -48.729604
0.14085 -7.666785 -82.981763 -2.263717
-0.003508 -0.329505 -38.070866
0.28169 -7.666785 -82.981763 -2.263717
-0.003508 -0.303149 -42.821160
0.42254 -7.666785 -82.981763 -2.263717
-0.003508 -0.766117 -52.693199
0.56339 -7.666785 -82.981763 -2.263717
-0.003508 -1.230829 -74.161587

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.070777 172.409668 0.714403
0.007990 0.406076 135.592152
0.14085 13.070777 172.409668 0.714403
0.007990 0.116193 143.742608
0.28169 13.070777 172.409668 0.714403
0.007990 0.367170 155.129681
0.42254 13.070777 172.409668 0.714403
0.007990 0.908100 180.671887
0.56339 13.070777 172.409668 0.714403
0.007990 1.461115 217.413057

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.792545 -101.276743 -1.319873
-0.005999 -0.753043 -60.231179
0.14085 -19.792545 -101.276743 -1.319873
-0.005999 -0.205669 -57.638912
0.28169 -19.792545 -101.276743 -1.319873
-0.005999 -0.193040 -94.895017
0.42254 -19.792545 -101.276743 -1.319873
-0.005999 -0.492712 -137.659114
0.56339 -19.792545 -101.276743 -1.319873
-0.005999 -0.792309 -201.574360

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.078794 162.842190 1.319304
0.008121 0.751666 139.473973
0.14085 12.078794 162.842190 1.319304
0.008121 0.211488 148.125277
0.28169 12.078794 162.842190 1.319304
0.008121 0.630346 159.712054
0.42254 12.078794 162.842190 1.319304
0.008121 1.572088 183.077443
0.56339 12.078794 162.842190 1.319304
0.008121 2.520477 215.724082

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.367319 -96.734167 -2.263717
-0.005989 -1.296131 -65.472597
0.14085 -19.367319 -96.734167 -2.263717
-0.005989 -0.358619 -61.671483
0.28169 -19.367319 -96.734167 -2.263717
-0.005989 -0.358018 -94.286248
0.42254 -19.367319 -96.734167 -2.263717
-0.005989 -0.909814 -133.498524
0.56339 -19.367319 -96.734167 -2.263717
-0.005989 -1.463434 -198.435624

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.070777 172.409668 1.319304
0.008121 0.751666 139.473973
0.14085 13.070777 172.409668 1.319304
0.008121 0.211488 148.125277
0.28169 13.070777 172.409668 1.319304
0.008121 0.630346 159.712054
0.42254 13.070777 172.409668 1.319304
0.008121 1.572088 183.077443
0.56339 13.070777 172.409668 1.319304
0.008121 2.520477 217.413057
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2007

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.792545 -101.276743 -2.263717
-0.005999 -1.296131 -65.472597
0.14085 -19.792545 -101.276743 -2.263717
-0.005999 -0.358619 -61.671483
0.28169 -19.792545 -101.276743 -2.263717
-0.005999 -0.358018 -94.895017
0.42254 -19.792545 -101.276743 -2.263717
-0.005999 -0.909814 -137.659114
0.56339 -19.792545 -101.276743 -2.263717
-0.005999 -1.463434 -201.574360

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.070777 172.409668 1.319304
0.008121 0.751666 139.473973
0.14085 13.070777 172.409668 1.319304
0.008121 0.211488 148.125277
0.28169 13.070777 172.409668 1.319304
0.008121 0.630346 159.712054
0.42254 13.070777 172.409668 1.319304
0.008121 1.572088 183.077443
0.56339 13.070777 172.409668 1.319304
0.008121 2.520477 217.413057

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.792545 -101.276743 -2.263717
-0.005999 -1.296131 -65.472597
0.14085 -19.792545 -101.276743 -2.263717
-0.005999 -0.358619 -61.671483
0.28169 -19.792545 -101.276743 -2.263717
-0.005999 -0.358018 -94.895017
0.42254 -19.792545 -101.276743 -2.263717
-0.005999 -0.909814 -137.659114
0.56339 -19.792545 -101.276743 -2.263717
-0.005999 -1.463434 -201.574360

ELEM 174 ========== LENGTH = 2.976819

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.502081 80.422606 0.405590
0.001013 0.454976 112.163489
0.57753 0.502081 80.422606 0.405590
0.001013 0.284950 78.503955
0.71835 0.502081 80.422606 0.405590
0.001013 0.114918 44.925930
0.85918 0.502081 80.422606 0.405590
0.001013 0.056287 11.617457
1.00000 0.502081 80.422606 0.405590
0.001013 0.228346 2.791710

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -13.041531 -2.881620 -0.410534
-0.000335 -0.460033 -4.724161
0.57753 -13.041531 -2.881620 -0.410534
-0.000335 -0.287989 -3.703475
0.71835 -13.041531 -2.881620 -0.410534
-0.000335 -0.116231 -3.009378
0.85918 -13.041531 -2.881620 -0.410534
-0.000335 -0.055174 -3.542275
1.00000 -13.041531 -2.881620 -0.410534
-0.000335 -0.225125 -23.893697

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 5.048378 112.857983 0.540463
0.007403 0.606801 210.562016
0.57753 5.048378 112.857983 0.540463
0.007403 0.380234 167.231459
0.71835 5.048378 112.857983 0.540463
0.007403 0.153725 136.409001
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2008

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85918 5.048378 112.857983 0.540463
0.007403 0.130430 123.345031
1.00000 5.048378 112.857983 0.540463
0.007403 0.424739 124.414551

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -16.214238 -83.295259 -0.708235
-0.006528 -0.772371 -28.559297
0.57753 -16.214238 -83.295259 -0.708235
-0.006528 -0.478227 -7.582941
0.71835 -16.214238 -83.295259 -0.708235
-0.006528 -0.198811 -4.811079
0.85918 -16.214238 -83.295259 -0.708235
-0.006528 -0.092418 -3.880588
1.00000 -16.214238 -83.295259 -0.708235
-0.006528 -0.299446 -10.772154

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 8.347809 101.541324 0.573927
0.005561 0.645153 199.147726
0.57753 8.347809 101.541324 0.573927
0.005561 0.404543 160.591784
0.71835 8.347809 101.541324 0.573927
0.005561 0.163777 131.300869
0.85918 8.347809 101.541324 0.573927
0.005561 0.139996 116.526558
1.00000 8.347809 101.541324 0.573927
0.005561 0.511437 125.669489

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -14.836901 -112.779597 -0.890811
-0.004911 -0.986792 -72.849095
0.57753 -14.836901 -112.779597 -0.890811
-0.004911 -0.614566 -34.124671
0.71835 -14.836901 -112.779597 -0.890811
-0.004911 -0.252420 -7.153027
0.85918 -14.836901 -112.779597 -0.890811
-0.004911 -0.092367 -3.952064
1.00000 -14.836901 -112.779597 -0.890811
-0.004911 -0.319431 -8.966085

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 10.105961 85.237044 0.660913
0.004617 0.736838 167.768224
0.57753 10.105961 85.237044 0.660913
0.004617 0.459769 135.375262
0.71835 10.105961 85.237044 0.660913
0.004617 0.185033 110.691322
0.85918 10.105961 85.237044 0.660913
0.004617 0.147324 98.059088
1.00000 10.105961 85.237044 0.660913
0.004617 0.546132 105.379992

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -13.802765 -113.684790 -0.955319
-0.004364 -1.058505 -115.644553
0.57753 -13.802765 -113.684790 -0.955319
-0.004364 -0.660033 -75.377805
0.71835 -13.802765 -113.684790 -0.955319
-0.004364 -0.268924 -45.454086
0.85918 -13.802765 -113.684790 -0.955319
-0.004364 -0.107239 -35.172675
1.00000 -13.802765 -113.684790 -0.955319
-0.004364 -0.372673 -31.561926

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 6.024957 9.838379 0.111113
0.005474 0.125696 55.004720
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2009

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57753 6.024957 9.838379 0.111113
0.005474 0.079071 55.258854
0.71835 6.024957 9.838379 0.111113
0.005474 0.032493 66.454657
0.85918 6.024957 9.838379 0.111113
0.005474 0.074534 95.256711
1.00000 6.024957 9.838379 0.111113
0.005474 0.214203 135.407113

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.078984 -98.995214 -0.347041
-0.005404 -0.373208 -39.303896
0.57753 -1.078984 -98.995214 -0.347041
-0.005404 -0.229221 -9.368011
0.71835 -1.078984 -98.995214 -0.347041
-0.005404 -0.097574 -1.432958
0.85918 -1.078984 -98.995214 -0.347041
-0.005404 -0.030315 1.177882
1.00000 -1.078984 -98.995214 -0.347041
-0.005404 -0.060571 -0.930299

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 10.318690 8.993556 0.257995
0.005237 0.283848 56.318803
0.57753 10.318690 8.993556 0.257995
0.005237 0.175676 57.089323
0.71835 10.318690 8.993556 0.257995
0.005237 0.067519 68.448026
0.85918 10.318690 8.993556 0.257995
0.005237 0.106682 96.283083
1.00000 10.318690 8.993556 0.257995
0.005237 0.364692 141.542406

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -2.406851 -136.467011 -0.620954
-0.005435 -0.681724 -100.780235
0.57753 -2.406851 -136.467011 -0.620954
-0.005435 -0.422799 -53.611558
0.71835 -2.406851 -136.467011 -0.620954
-0.005435 -0.175427 -20.720950
0.85918 -2.406851 -136.467011 -0.620954
-0.005435 -0.058320 -13.906579
1.00000 -2.406851 -136.467011 -0.620954
-0.005435 -0.150276 -9.572570

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.892100 87.323450 0.507124
0.004401 0.564043 203.668141
0.57753 9.892100 87.323450 0.507124
0.004401 0.351437 170.872982
0.71835 9.892100 87.323450 0.507124
0.004401 0.141737 145.665627
0.85918 9.892100 87.323450 0.507124
0.004401 0.126965 133.004990
1.00000 9.892100 87.323450 0.507124
0.004401 0.469921 136.707629

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -11.698649 -114.920590 -0.821989
-0.004064 -0.912091 -91.687109
0.57753 -11.698649 -114.920590 -0.821989
-0.004064 -0.568487 -50.681091
0.71835 -11.698649 -114.920590 -0.821989
-0.004064 -0.233048 -20.585482
0.85918 -11.698649 -114.920590 -0.821989
-0.004064 -0.086512 -14.217212
1.00000 -11.698649 -114.920590 -0.821989
-0.004064 -0.287148 -9.937418
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2010

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 11.640740 73.531235 0.610788
0.003684 0.681361 172.348814
0.57753 11.640740 73.531235 0.610788
0.003684 0.425301 144.540622
0.71835 11.640740 73.531235 0.610788
0.003684 0.171113 123.239755
0.85918 11.640740 73.531235 0.610788
0.003684 0.140148 112.426397
1.00000 11.640740 73.531235 0.610788
0.003684 0.521794 115.264136

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -9.981028 -112.119760 -0.913646
-0.003689 -1.013319 -134.168799
0.57753 -9.981028 -112.119760 -0.913646
-0.003689 -0.631132 -93.188682
0.71835 -9.981028 -112.119760 -0.913646
-0.003689 -0.255788 -61.058994
0.85918 -9.981028 -112.119760 -0.913646
-0.003689 -0.097561 -48.919979
1.00000 -9.981028 -112.119760 -0.913646
-0.003689 -0.343970 -38.681039

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 5.670340 1.393782 0.303862
1.05E-05 0.339199 4.549529
0.57753 5.670340 1.393782 0.303862
1.05E-05 0.211819 3.989223
0.71835 5.670340 1.393782 0.303862
1.05E-05 0.084432 3.447557
0.85918 5.670340 1.393782 0.303862
1.05E-05 0.056304 2.940295
1.00000 5.670340 1.393782 0.303862
1.05E-05 0.210493 2.484834

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -0.180150 -23.888614 -0.367866
-0.000428 -0.096454 -79.190340
0.57753 -0.180150 -23.888614 -0.367866
-0.000428 -0.252249 -80.264324
0.71835 -0.180150 -23.888614 -0.367866
-0.000428 -0.098062 -70.368565
0.85918 -0.180150 -23.888614 -0.367866
-0.000428 -0.042941 -60.474667
1.00000 -0.180150 -23.888614 -0.367866
-0.000428 -0.170322 -50.605481

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.504495 2.180717 0.505757
0.000245 0.552983 7.652829
0.57753 9.504495 2.180717 0.505757
0.000245 0.340967 7.050975
0.71835 9.504495 2.180717 0.505757
0.000245 0.133432 6.955899
0.85918 9.504495 2.180717 0.505757
0.000245 0.092465 7.523258
1.00000 9.504495 2.180717 0.505757
0.000245 0.348600 8.843013

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -2.433923 -54.437773 -0.613890
-0.000971 -0.681084 -150.366297
0.57753 -2.433923 -54.437773 -0.613890
-0.000971 -0.423820 -128.501979
0.71835 -2.433923 -54.437773 -0.613890
-0.000971 -0.166766 -107.653931
0.85918 -2.433923 -54.437773 -0.613890
-0.000971 -0.083625 -86.991056
1.00000 -2.433923 -54.437773 -0.613890
-0.000971 -0.295080 -67.536793
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2011

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 12.758325 3.025823 0.503179
0.000675 0.558367 30.209131
0.57753 12.758325 3.025823 0.503179
0.000675 0.347416 30.841197
0.71835 12.758325 3.025823 0.503179
0.000675 0.139163 33.340023
0.85918 12.758325 3.025823 0.503179
0.000675 0.119119 40.554171
1.00000 12.758325 3.025823 0.503179
0.000675 0.463744 64.147379

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.546757 -106.206996 -0.823078
-0.001329 -0.916910 -173.107387
0.57753 -1.546757 -106.206996 -0.823078
-0.001329 -0.571964 -129.511471
0.71835 -1.546757 -106.206996 -0.823078
-0.001329 -0.227853 -89.515358
0.85918 -1.546757 -106.206996 -0.823078
-0.001329 -0.077445 -73.587055
1.00000 -1.546757 -106.206996 -0.823078
-0.001329 -0.285874 -59.652832

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.517411 55.440109 0.589045
0.003960 0.656140 148.369516
0.57753 13.517411 55.440109 0.589045
0.003960 0.409197 128.417019
0.71835 13.517411 55.440109 0.589045
0.003960 0.161648 115.068532
0.85918 13.517411 55.440109 0.589045
0.003960 0.144780 115.338335
1.00000 13.517411 55.440109 0.589045
0.003960 0.526490 128.119681

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -6.836403 -120.917148 -0.914746
-0.004187 -1.010993 -153.085742
0.57753 -6.836403 -120.917148 -0.914746
-0.004187 -0.628495 -109.490443
0.71835 -6.836403 -120.917148 -0.914746
-0.004187 -0.254101 -76.056337
0.85918 -6.836403 -120.917148 -0.914746
-0.004187 -0.097061 -62.345164
1.00000 -6.836403 -120.917148 -0.914746
-0.004187 -0.332638 -50.485387

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.889986 80.597797 0.814382
0.000919 0.903337 109.848570
0.57753 0.889986 80.597797 0.814382
0.000919 0.561993 76.326412
0.71835 0.889986 80.597797 0.814382
0.000919 0.220959 43.194933
0.85918 0.889986 80.597797 0.814382
0.000919 0.077512 11.434225
1.00000 0.889986 80.597797 0.814382
0.000919 0.345619 3.482935

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -13.605513 -3.007690 -0.643074
-0.000275 -0.731490 -6.434169
0.57753 -13.605513 -3.007690 -0.643074
-0.000275 -0.461823 -5.448753
0.71835 -13.605513 -3.007690 -0.643074
-0.000275 -0.192410 -5.096971
0.85918 -13.605513 -3.007690 -0.643074
-0.000275 -0.121885 -6.139876
1.00000 -13.605513 -3.007690 -0.643074
-0.000275 -0.462639 -30.243920
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2012

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 6.295896 111.406654 1.031817
0.007285 1.149721 214.256551
0.57753 6.295896 111.406654 1.031817
0.007285 0.717406 173.368569
0.71835 6.295896 111.406654 1.031817
0.007285 0.285163 144.986474
0.85918 6.295896 111.406654 1.031817
0.007285 0.192603 132.266379
1.00000 6.295896 111.406654 1.031817
0.007285 0.710018 135.075674

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -16.534346 -79.149098 -1.240806
-0.006465 -1.388384 -32.452779
0.57753 -16.534346 -79.149098 -1.240806
-0.006465 -0.867684 -9.353008
0.71835 -16.534346 -79.149098 -1.240806
-0.006465 -0.354783 -6.561257
0.85918 -16.534346 -79.149098 -1.240806
-0.006465 -0.175317 -5.759640
1.00000 -16.534346 -79.149098 -1.240806
-0.006465 -0.597681 -17.968600

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 8.983761 99.798294 1.103937
0.005583 1.229384 198.098243
0.57753 8.983761 99.798294 1.103937
0.005583 0.766961 162.531515
0.71835 8.983761 99.798294 1.103937
0.005583 0.304670 137.825165
0.85918 8.983761 99.798294 1.103937
0.005583 0.219418 131.936466
1.00000 8.983761 99.798294 1.103937
0.005583 0.837694 143.902408

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -15.299895 -106.209591 -1.480943
-0.004962 -1.037793 -31.493427
0.57753 -15.299895 -106.209591 -1.480943
-0.004962 -0.421870 -11.112877
0.71835 -15.299895 -106.209591 -1.480943
-0.004962 -0.178260 -6.112907
0.85918 -15.299895 -106.209591 -1.480943
-0.004962 -0.633029 -15.646697
1.00000 -15.299895 -106.209591 -1.480943
-0.004962 -0.633029 -15.646697

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 10.339200 83.928445 1.249358
0.004637 1.388210 167.399652
0.57753 10.339200 83.928445 1.249358
0.004637 0.864568 137.447587
0.71835 10.339200 83.928445 1.249358
0.004637 0.341332 116.546021
0.85918 10.339200 83.928445 1.249358
0.004637 0.238723 111.226966
1.00000 10.339200 83.928445 1.249358
0.004637 0.915300 120.734667

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -13.974584 -110.889430 -1.619014
-0.004359 -1.810478 -117.583483
0.57753 -13.974584 -110.889430 -1.619014
-0.004359 -1.131693 -78.674146
0.71835 -13.974584 -110.889430 -1.619014
-0.004359 -0.456473 -52.545096
0.85918 -13.974584 -110.889430 -1.619014
-0.004359 -0.198492 -39.586780
1.00000 -13.974584 -110.889430 -1.619014
-0.004359 -0.715371 -38.548506
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2013

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 6.334995 10.322943 0.179944
0.004592 0.203591 62.696110
0.57753 6.334995 10.322943 0.179944
0.004592 0.128444 65.007779
0.71835 6.334995 10.322943 0.179944
0.004592 0.052635 78.738639
0.85918 6.334995 10.322943 0.179944
0.004592 0.114515 106.089668
1.00000 6.334995 10.322943 0.179944
0.004592 0.371804 139.145398

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.242277 -85.670460 -0.622286
-0.004512 -0.684814 -36.835500
0.57753 -1.242277 -85.670460 -0.622286
-0.004512 -0.423864 -10.130211
0.71835 -1.242277 -85.670460 -0.622286
-0.004512 -0.167144 -1.737818
0.85918 -1.242277 -85.670460 -0.622286
-0.004512 -0.041076 -1.437982
1.00000 -1.242277 -85.670460 -0.622286
-0.004512 -0.110159 -1.153013

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.905278 9.688629 0.489986
0.004498 0.542630 60.535379
0.57753 9.905278 9.688629 0.489986
0.004498 0.337738 63.127717
0.71835 9.905278 9.688629 0.489986
0.004498 0.132798 76.843332
0.85918 9.905278 9.688629 0.489986
0.004498 0.169174 109.615638
1.00000 9.905278 9.688629 0.489986
0.004498 0.596791 150.027483

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -2.479205 -122.539574 -1.023167
-0.004640 -1.132521 -91.660559
0.57753 -2.479205 -122.539574 -1.023167
-0.004640 -0.703748 -49.389675
0.71835 -2.479205 -122.539574 -1.023167
-0.004640 -0.274627 -21.320420
0.85918 -2.479205 -122.539574 -1.023167
-0.004640 -0.090285 -13.994973
1.00000 -2.479205 -122.539574 -1.023167
-0.004640 -0.288755 -9.171535

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.910385 86.116578 0.924733
0.003558 1.030472 208.765310
0.57753 9.910385 86.116578 0.924733
0.003558 0.642988 177.984975
0.71835 9.910385 86.116578 0.924733
0.003558 0.256648 155.445939
0.85918 9.910385 86.116578 0.924733
0.003558 0.208610 147.788152
1.00000 9.910385 86.116578 0.924733
0.003558 0.804499 147.193408

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -11.534101 -101.779780 -1.426445
-0.003144 -1.595489 -83.817836
0.57753 -11.534101 -101.779780 -1.426445
-0.003144 -0.997589 -47.217103
0.71835 -11.534101 -101.779780 -1.426445
-0.003144 -0.402974 -22.784641
0.85918 -11.534101 -101.779780 -1.426445
-0.003144 -0.144040 -15.091913
1.00000 -11.534101 -101.779780 -1.426445
-0.003144 -0.266636 -18.280351
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2014

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 11.629143 72.732581 1.080003
0.002981 1.204165 177.094606
0.57753 11.629143 72.732581 1.080003
0.002981 0.751814 151.041007
0.71835 11.629143 72.732581 1.080003
0.002981 0.299682 131.846929
0.85918 11.629143 72.732581 1.080003
0.002981 0.239904 125.186771
1.00000 11.629143 72.732581 1.080003
0.002981 0.923406 124.446106

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -9.955881 -105.202018 -1.634368
-0.002886 -1.823966 -138.671754
0.57753 -9.955881 -105.202018 -1.634368
-0.002886 -1.136878 -100.329770
0.71835 -9.955881 -105.202018 -1.634368
-0.002886 -0.456182 -70.954133
0.85918 -9.955881 -105.202018 -1.634368
-0.002886 -0.163218 -56.036301
1.00000 -9.955881 -105.202018 -1.634368
-0.002886 -0.611085 -43.784581

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 5.995765 1.718183 0.481149
7.84E-06 0.535896 5.698210
0.57753 5.995765 1.718183 0.481149
7.84E-06 0.334156 4.995836
0.71835 5.995765 1.718183 0.481149
7.84E-06 0.132212 4.318167
0.85918 5.995765 1.718183 0.481149
7.84E-06 0.114011 3.655083
1.00000 5.995765 1.718183 0.481149
7.84E-06 0.429735 3.074679

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -0.234270 -29.610044 -0.752869
-0.000384 -0.832788 -91.146799
0.57753 -0.234270 -29.610044 -0.752869
-0.000384 -0.517182 -96.801102
0.71835 -0.234270 -29.610044 -0.752869
-0.000384 -0.201630 -84.484288
0.85918 -0.234270 -29.610044 -0.752869
-0.000384 -0.067835 -72.202925
1.00000 -0.234270 -29.610044 -0.752869
-0.000384 -0.269634 -60.008592

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.324095 2.569071 0.881703
0.000166 0.973655 8.937650
0.57753 9.324095 2.569071 0.881703
0.000166 0.603914 8.129543
0.71835 9.324095 2.569071 0.881703
0.000166 0.234069 7.621737
0.85918 9.324095 2.569071 0.881703
0.000166 0.174531 7.634612
1.00000 9.324095 2.569071 0.881703
0.000166 0.666388 9.021290

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -2.211484 -61.777555 -1.173095
-0.000806 -1.301311 -173.245847
0.57753 -2.211484 -61.777555 -1.173095
-0.000806 -0.809553 -147.917185
0.71835 -2.211484 -61.777555 -1.173095
-0.000806 -0.317877 -123.232470
0.85918 -2.211484 -61.777555 -1.173095
-0.000806 -0.133480 -99.431657
1.00000 -2.211484 -61.777555 -1.173095
-0.000806 -0.502777 -77.111987
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2015

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 12.368591 3.091345 0.863123
0.000305 0.958158 30.105986
0.57753 12.368591 3.091345 0.863123
0.000305 0.596251 32.260659
0.71835 12.368591 3.091345 0.863123
0.000305 0.234349 37.891348
0.85918 12.368591 3.091345 0.863123
0.000305 0.217162 52.126787
1.00000 12.368591 3.091345 0.863123
0.000305 0.829289 73.559669

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.802309 -104.227377 -1.460313
-0.000875 -1.620258 -183.444979
0.57753 -1.802309 -104.227377 -1.460313
-0.000875 -1.008300 -142.794158
0.71835 -1.802309 -104.227377 -1.460313
-0.000875 -0.396199 -105.251590
0.85918 -1.802309 -104.227377 -1.460313
-0.000875 -0.125149 -85.945602
1.00000 -1.802309 -104.227377 -1.460313
-0.000875 -0.487389 -68.544481

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.415909 55.482625 1.019947
0.002959 1.137395 156.263949
0.57753 13.415909 55.482625 1.019947
0.002959 0.709774 137.718634
0.71835 13.415909 55.482625 1.019947
0.002959 0.282208 126.509625
0.85918 13.415909 55.482625 1.019947
0.002959 0.262361 128.184705
1.00000 13.415909 55.482625 1.019947
0.002959 0.975315 135.423849

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -6.917438 -112.664177 -1.704113
-0.003153 -1.895255 -162.156490
0.57753 -6.917438 -112.664177 -1.704113
-0.003153 -1.180847 -121.102797
0.71835 -6.917438 -112.664177 -1.704113
-0.003153 -0.466851 -89.706994
0.85918 -6.917438 -112.664177 -1.704113
-0.003153 -0.154424 -73.138139
1.00000 -6.917438 -112.664177 -1.704113
-0.003153 -0.578068 -58.356304

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.517411 112.857983 0.660913
0.007403 0.736838 210.562016
0.57753 13.517411 112.857983 0.660913
0.007403 0.459769 170.872982
0.71835 13.517411 112.857983 0.660913
0.007403 0.185033 145.665627
0.85918 13.517411 112.857983 0.660913
0.007403 0.147324 133.004990
1.00000 13.517411 112.857983 0.660913
0.007403 0.546132 141.542406

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -16.214238 -136.467011 -0.955319
-0.006528 -1.059505 -173.107387
0.57753 -16.214238 -136.467011 -0.955319
-0.006528 -0.660033 -129.511471
0.71835 -16.214238 -136.467011 -0.955319
-0.006528 -0.268924 -107.653931
0.85918 -16.214238 -136.467011 -0.955319
-0.006528 -0.107239 -86.991056
1.00000 -16.214238 -136.467011 -0.955319
-0.006528 -0.372673 -67.536793
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2016

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.415909 111.406654 1.249358
0.007285 1.388210 214.256551
0.57753 13.415909 111.406654 1.249358
0.007285 0.864568 177.984975
0.71835 13.415909 111.406654 1.249358
0.007285 0.341332 155.445939
0.85918 13.415909 111.406654 1.249358
0.007285 0.262361 147.788152
1.00000 13.415909 111.406654 1.249358
0.007285 0.975315 150.027483

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -16.534346 -122.539574 -1.704113
-0.006465 -1.895255 -183.444979
0.57753 -16.534346 -122.539574 -1.704113
-0.006465 -1.180847 -147.917185
0.71835 -16.534346 -122.539574 -1.704113
-0.006465 -0.466851 -123.232470
0.85918 -16.534346 -122.539574 -1.704113
-0.006465 -0.198492 -99.431657
1.00000 -16.534346 -122.539574 -1.704113
-0.006465 -0.715371 -77.111987

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.517411 112.857983 1.249358
0.007403 1.388210 214.256551
0.57753 13.517411 112.857983 1.249358
0.007403 0.864568 177.984975
0.71835 13.517411 112.857983 1.249358
0.007403 0.341332 155.445939
0.85918 13.517411 112.857983 1.249358
0.007403 0.262361 147.788152
1.00000 13.517411 112.857983 1.249358
0.007403 0.975315 150.027483

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -16.534346 -136.467011 -1.704113
-0.006528 -1.895255 -183.444979
0.57753 -16.534346 -136.467011 -1.704113
-0.006528 -1.180847 -147.917185
0.71835 -16.534346 -136.467011 -1.704113
-0.006528 -0.466851 -123.232470
0.85918 -16.534346 -136.467011 -1.704113
-0.006528 -0.198492 -99.431657
1.00000 -16.534346 -136.467011 -1.704113
-0.006528 -0.715371 -77.111987

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.517411 112.857983 1.249358
0.007403 1.388210 214.256551
0.57753 13.517411 112.857983 1.249358
0.007403 0.864568 177.984975

```
 0.71835     13.517411     112.857983      1.249358
 0.007403     0.341332     155.445939
 0.85918     13.517411     112.857983      1.249358
 0.007403     0.262361     147.788152
 1.00000     13.517411     112.857983      1.249358
 0.007403     0.975315     150.027483

COMB  DESIGN  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.43671    -16.534346    -136.467011     -1.704113
-0.006528     -1.895255    -183.444979
 0.57753    -16.534346    -136.467011     -1.704113
-0.006528     -1.180847    -147.917185
 0.71835    -16.534346    -136.467011     -1.704113
-0.006528     -0.468851    -123.232470
 0.85918    -16.534346    -136.467011     -1.704113
-0.006528     -0.198492     -99.431657
 1.00000    -16.534346    -136.467011     -1.704113
-0.006528     -0.715371     -77.111987
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2017

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      175 ================ LENGTH =    2.977871

COMB DB-G1-1  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     0.503082     79.983529      0.426127
 0.000950     0.242154      2.790054
 0.14086     0.503082     79.983529      0.426127
 0.000950     0.063357      3.397150
 0.28172     0.503082     79.983529      0.426127
 0.000950     0.116731      4.014778
 0.42258     0.503082     79.983529      0.426127
 0.000950     0.297700      4.665389
 0.56345     0.503082     79.983529      0.426127
 0.000950     0.478674      5.328285

COMB DB-G1-1  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -12.992074     -2.838286     -0.431438
-0.000155     -0.245224     -23.932836
 0.14086    -12.992074     -2.838286     -0.431438
-0.000155     -0.064220     -57.160886
 0.28172    -12.992074     -2.838286     -0.431438
-0.000155     -0.115344     -90.610160
 0.42258    -12.992074     -2.838286     -0.431438
-0.000155     -0.294090     -124.065968
 0.56345    -12.992074     -2.838286     -0.431438
-0.000155     -0.472833     -157.560413

COMB DB-G1-2  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     3.823001     178.050850      0.572660
 0.007420     0.326040     124.781925
 0.14086     3.823001     178.050850      0.572660
 0.007420     0.105161      99.641244
 0.28172     3.823001     178.050850      0.572660
 0.007420     0.200222      74.692136
 0.42258     3.823001     178.050850      0.572660
 0.007420     0.487650      67.684851
 0.56345     3.823001     178.050850      0.572660
 0.007420     0.798784      73.049343

COMB DB-G1-2  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -20.121534     -23.115450     -0.742125
-0.006280     -0.447134     -10.817800
 0.14086    -20.121534     -23.115450     -0.742125
-0.006280     -0.136468     -52.897337
 0.28172    -20.121534     -23.115450     -0.742125
-0.006280     -0.154325     -95.299366
 0.42258    -20.121534     -23.115450     -0.742125
-0.006280     -0.394596     -139.567840
 0.56345    -20.121534     -23.115450     -0.742125
-0.006280     -0.634809     -205.382620

COMB DB-G1-3  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     7.608277     145.753623      0.610287
 0.005429     0.347202     125.883812
 0.14086     7.608277     145.753623      0.610287
 0.005429     0.104414     132.496098
 0.28172     7.608277     145.753623      0.610287
 0.005429     0.256719     139.110037
 0.42258     7.608277     145.753623      0.610287
 0.005429     0.636155     157.917435
 0.56345     7.608277     145.753623      0.610287
 0.005429     1.031756     185.159984

COMB DB-G1-3  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -17.459371     -72.296474     -0.943353
-0.004342     -0.551577      -9.005921
 0.14086    -17.459371     -72.296474     -0.943353
-0.004342     -0.156193     -47.835953
 0.28172    -17.459371     -72.296474     -0.943353
-0.004342     -0.164431     -86.876102
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2018

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P             V2             V3
         T            M2            M3
 0.42258    -17.459371     -72.296474     -0.943353
-0.004342     -0.420598     -127.134541
 0.56345    -17.459371     -72.296474     -0.943353
-0.004342     -0.676604     -182.024356

COMB DB-G1-4  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.532852     121.921928      0.685356
 0.004585     0.389022     105.561200
 0.14086     9.532852     121.921928      0.685356
 0.004585     0.112375     111.553645
 0.28172     9.532852     121.921928      0.685356
 0.004585     0.274224     119.584408
 0.42258     9.532852     121.921928      0.685356
 0.004585     0.678382     139.065480
 0.56345     9.532852     121.921928      0.685356
 0.004585     1.095947     168.860807

COMB DB-G1-4  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -15.974295     -80.321808     -0.995684
-0.004056     -0.575102     -31.611173
 0.14086    -15.974295     -80.321808     -0.995684
-0.004056     -0.158656     -56.229018
 0.28172    -15.974295     -80.321808     -0.995684
-0.004056     -0.185708     -82.080692
 0.42258    -15.974295     -80.321808     -0.995684
-0.004056     -0.473345     -109.898680
 0.56345    -15.974295     -80.321808     -0.995684
-0.004056     -0.760840     -152.274652

COMB DB-G2-1  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     5.049802     64.992717      0.123175
 0.005225     0.070596     135.697979
 0.14086     5.049802     64.992717      0.123175
 0.005225     0.035182     127.541825
 0.28172     5.049802     64.992717      0.123175
 0.005225     0.099658     119.564775
 0.42258     5.049802     64.992717      0.123175
 0.005225     0.233591     126.593023
 0.56345     5.049802     64.992717      0.123175
 0.005225     0.387362     143.980581

COMB DB-G2-1  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -4.397147     -48.931894     -0.366909
-0.005095     -0.228869      -0.926214
 0.14086    -4.397147     -48.931894     -0.366909
-0.005095     -0.075490      -0.696413
 0.28172    -4.397147     -48.931894     -0.366909
-0.005095     -0.032662      -0.573912
 0.42258    -4.397147     -48.931894     -0.366909
-0.005095     -0.084377      -1.959393
 0.56345    -4.397147     -48.931894     -0.366909
-0.005095     -0.136047     -21.367840

COMB DB-G2-2  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.487058     60.323828      0.263482
 0.005131     0.149718     141.793019
 0.14086     9.487058     60.323828      0.263482
 0.005131     0.094199     149.156286
 0.28172     9.487058     60.323828      0.263482
 0.005131     0.180625     159.312722
 0.42258     9.487058     60.323828      0.263482
 0.005131     0.437522     184.212132
 0.56345     9.487058     60.323828      0.263482
 0.005131     0.712928     219.162174

COMB DB-G2-2  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -5.479425     -90.309143     -0.656864
-0.004965     -0.389785      -9.575458
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2019

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P             V2             V3
         T            M2            M3
 0.14086    -5.479425     -90.309143     -0.656864
-0.004965     -0.114694      -5.359373
 0.28172    -5.479425     -90.309143     -0.656864
-0.004965     -0.071012      -2.691716
 0.42258    -5.479425     -90.309143     -0.656864
-0.004965     -0.181733      -2.737248
 0.56345    -5.479425     -90.309143     -0.656864
-0.004965     -0.292271     -20.866173

COMB DB-G2-3  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.333211     123.023298      0.527371
 0.004491     0.239666     136.838850
 0.14086     9.333211     123.023298      0.527371
 0.004491     0.089254     128.707456
 0.28172     9.333211     123.023298      0.527371
 0.004491     0.238043     141.855556
 0.42258     9.333211     123.023298      0.527371
 0.004491     0.590078     166.908789
 0.56345     9.333211     123.023298      0.527371
 0.004491     0.955186     199.162017

COMB DB-G2-3  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -13.813015     -82.428766     -0.870639
-0.003770     -0.506037      -9.935421
 0.14086    -13.813015     -82.428766     -0.870639
-0.003770     -0.141080     -15.163581
 0.28172    -13.813015     -82.428766     -0.870639
-0.003770     -0.142298     -46.317731
 0.42258    -13.813015     -82.428766     -0.870639
-0.003770     -0.363680     -64.641825
 0.56345    -13.813015     -82.428766     -0.870639
-0.003770     -0.584910     -126.052353

COMB DB-G2-4  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    11.212599     103.441276      0.633230
 0.003743     0.359276     115.377193
 0.14086    11.212599     103.441276      0.633230
 0.003743     0.102449     108.221035
 0.28172    11.212599     103.441276      0.633230
 0.003743     0.261442     118.335415
 0.42258    11.212599     103.441276      0.633230
 0.003743     0.644898     138.396452
 0.56345    11.212599     103.441276      0.633230
 0.003743     1.039318     167.600273

COMB DB-G2-4  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -11.752766     -84.961095     -0.940474
-0.003589     -0.539016     -38.693703
 0.14086    -11.752766     -84.961095     -0.940474
-0.003589     -0.147265     -36.350847
 0.28172    -11.752766     -84.961095     -0.940474
-0.003589     -0.171726     -55.337172
 0.42258    -11.752766     -84.961095     -0.940474
-0.003589     -0.437496     -75.926262
 0.56345    -11.752766     -84.961095     -0.940474
-0.003589     -0.703127     -107.484256

COMB DB-G3-1  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     5.730295      1.465028      0.308753
 1.74E-05     0.174423      2.489480
 0.14086     5.730295      1.465028      0.308753
 1.74E-05     0.044835      2.169692
 0.28172     5.730295      1.465028      0.308753
 1.74E-05     0.100313      2.014536
 0.42258     5.730295      1.465028      0.308753
 1.74E-05     0.242329      1.921404
 0.56345     5.730295      1.465028      0.308753
 1.74E-05     0.384393      1.920712
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2020

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -0.181821     -23.960656     -0.338715
-0.000699     -0.187478     -50.627012
 0.14086    -0.181821     -23.960656     -0.338715
-0.000699     -0.048186     -40.963715
 0.28172    -0.181821     -23.960656     -0.338715
-0.000699     -0.084645     -31.300709
 0.42258    -0.181821     -23.960656     -0.338715
-0.000699     -0.214113     -21.854202
 0.56345    -0.181821     -23.960656     -0.338715
-0.000699     -0.343625     -12.345249

COMB DB-G3-2  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.576379      4.302302      0.486650
 0.000432     0.274428      8.858062
 0.14086     9.576379      4.302302      0.486650
 0.000432     0.070835     12.149232
 0.28172     9.576379      4.302302      0.486650
 0.000432     0.171742     19.702930
 0.42258     9.576379      4.302302      0.486650
 0.000432     0.419380     28.856390
 0.56345     9.576379      4.302302      0.486650
 0.000432     0.667804     39.056276

COMB DB-G3-2  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     -2.555965     -53.023291     -0.592251
-0.001388     -0.328198     -67.571759
 0.14086     -2.555965     -53.023291     -0.592251
-0.001388     -0.094069     -51.146740
 0.28172     -2.555965     -53.023291     -0.592251
-0.001388     -0.133800     -36.522307
 0.42258     -2.555965     -53.023291     -0.592251
-0.001388     -0.337964     -23.568881
 0.56345     -2.555965     -53.023291     -0.592251
-0.001388     -0.542099     -12.967222

COMB DB-G3-3  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    12.888644      6.404367      0.511866
 0.000555     0.289545     64.131457
 0.14086    12.888644      6.404367      0.511866
 0.000555     0.075721     91.562557
 0.28172    12.888644      6.404367      0.511866
 0.000555     0.234684     121.342591
 0.42258    12.888644      6.404367      0.511866
 0.000555     0.578993     152.746064
 0.56345    12.888644      6.404367      0.511866
 0.000555     0.924541     185.376472

COMB DB-G3-3  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     -1.722943     -104.035226     -0.823831
-0.001209     -0.455651     -59.679184
 0.14086     -1.722943     -104.035226     -0.823831
-0.001209     -0.117996     -45.772300
 0.28172     -1.722943     -104.035226     -0.823831
-0.001209     -0.139626     -33.113880
 0.42258     -1.722943     -104.035226     -0.823831
-0.001209     -0.354488     -21.655692
 0.56345     -1.722943     -104.035226     -0.823831
-0.001209     -0.569210     -12.431442

COMB DB-G3-4  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    12.998012     90.994109      0.607962
 0.004061     0.344764     128.275305
 0.14086    12.998012     90.994109      0.607962
 0.004061     0.100208     118.310915
 0.28172    12.998012     90.994109      0.607962
 0.004061     0.260071     123.293384
 0.42258    12.998012     90.994109      0.607962
 0.004061     0.635949     141.065096
 0.56345    12.998012     90.994109      0.607962
 0.004061     1.024799     166.830221
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2021

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     -8.951982     -88.734924     -0.927225
-0.004202     -0.532924     -50.503283
 0.14086     -8.951982     -88.734924     -0.927225
-0.004202     -0.381584     -38.682438
 0.28172     -8.951982     -88.734924     -0.927225
-0.004202     -0.165026     -44.246682
 0.42258     -8.951982     -88.734924     -0.927225
-0.004202     -0.420207     -55.536337
 0.56345     -8.951982     -88.734924     -0.927225
-0.004202     -0.675238     -79.476666

COMB DL-G1-1  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     0.881880     80.278504      0.793506
 0.000870     0.342759      3.479806
 0.14086     0.881880     80.278504      0.793506
 0.000870     0.119832      3.985813
 0.28172     0.881880     80.278504      0.793506
 0.000870     0.192062      4.488211
 0.42258     0.881880     80.278504      0.793506
 0.000870     0.513252      5.047788
 0.56345     0.881880     80.278504      0.793506
 0.000870     0.836506      5.756810

COMB DL-G1-1  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -13.556398     -2.997532     -0.771445
-0.000162     -0.459072     -30.283631
 0.14086    -13.556398     -2.997532     -0.771445
-0.000162     -0.135500     -63.311436
 0.28172    -13.556398     -2.997532     -0.771445
-0.000162     -0.219120     -96.331751
 0.42258    -13.556398     -2.997532     -0.771445
-0.000162     -0.302740     -129.318392
 0.56345    -13.556398     -2.997532     -0.771445
-0.000162     -0.881351     -162.527661

COMB DL-G1-2  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     4.211665     173.949704      1.048517
 0.007348     0.618554     135.112526
 0.14086     4.211665     173.949704      1.048517
 0.007348     0.188986     108.729941
 0.28172     4.211665     173.949704      1.048517
 0.007348     0.258542     82.490435
 0.42258     4.211665     173.949704      1.048517
 0.007348     0.908780      72.588669
 0.56345     4.211665     173.949704      1.048517
 0.007348     1.484499      76.662466

COMB DL-G1-2  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -20.325693     -20.369854     -1.375660
-0.006320     -0.826883     -18.004800
 0.14086    -20.325693     -20.369854     -1.375660
-0.006320     -0.251645     -58.069047
 0.28172    -20.325693     -20.369854     -1.375660
-0.006320     -0.283673     -98.206909
 0.42258    -20.325693     -20.369854     -1.375660
-0.006320     -0.720240     -140.372925
 0.56345    -20.325693     -20.369854     -1.375660
-0.006320     -1.159208     -209.240345

COMB DL-G1-3  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     7.577172     144.088899      1.116499
 0.005566     0.649979     143.890137
 0.14086     7.577172     144.088899      1.116499
 0.005566     0.189492     145.956609
 0.28172     7.577172     144.088899      1.116499
 0.005566     0.423348     148.121015
 0.42258     7.577172     144.088899      1.116499
 0.005566     1.075976     161.959809
 0.56345     7.577172     144.088899      1.116499
 0.005566     1.745590     185.808026
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2022

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -17.958789     -64.815753     -1.598682
-0.004642     -0.939559     -15.678437
 0.14086    -17.958789     -64.815753     -1.598682
-0.004642     -0.271146     -52.475398
 0.28172    -17.958789     -64.815753     -1.598682
-0.004642     -0.303419     -89.299937
 0.42258    -17.958789     -64.815753     -1.598682
-0.004642     -0.768738     -127.581707
 0.56345    -17.958789     -64.815753     -1.598682
-0.004642     -1.236545     -184.871874

COMB DL-G1-4  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.208749     120.689477      1.239874
 0.004672     0.713347     120.726138
 0.14086     9.208749     120.689477      1.239874
 0.004672     0.200695     122.884469
 0.28172     9.208749     120.689477      1.239874
 0.004672     0.455560     127.340281
 0.42258     9.208749     120.689477      1.239874
 0.004672     1.160124     142.502413
 0.56345     9.208749     120.689477      1.239874
 0.004672     1.875213     170.297859

COMB DL-G1-4  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -16.178333     -76.690506     -1.706720
-0.004230     -0.990865     -38.594003
 0.14086    -16.178333     -76.690506     -1.706720
-0.004230     -0.277292     -80.722977
 0.28172    -16.178333     -76.690506     -1.706720
-0.004230     -0.340453     -84.173766
 0.42258    -16.178333     -76.690506     -1.706720
-0.004230     -0.856785     -109.726263
 0.56345    -16.178333     -76.690506     -1.706720
-0.004230     -1.376551     -154.707315

COMB DL-G2-1  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     4.934065     54.537438      0.202176
 0.004430     0.129871     139.149722
 0.14086     4.934065     54.537438      0.202176
 0.004430     0.052342     133.836499
 0.28172     4.934065     54.537438      0.202176
 0.004430     0.168143     128.543577
 0.42258     4.934065     54.537438      0.202176
 0.004430     0.404580     134.717499
 0.56345     4.934065     54.537438      0.202176
 0.004430     0.654944     150.596448

COMB DL-G2-1  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     -3.938354     -44.852854     -0.598995
-0.004293     -0.352078      -1.141332
 0.14086     -3.938354     -44.852854     -0.598995
-0.004293     -0.103149      -0.908994
 0.28172     -3.938354     -44.852854     -0.598995
-0.004293     -0.052907      -0.711510
 0.42258     -3.938354     -44.852854     -0.598995
-0.004293     -0.137723      -1.942817
 0.56345     -3.938354     -44.852854     -0.598995
-0.004293     -0.222224     -21.741902

COMB DL-G2-2  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     8.621841     51.875163      0.478524
 0.004479     0.282218     150.010847
 0.14086     8.621841     51.875163      0.478524
 0.004479     0.089362     158.030649
 0.28172     8.621841     51.875163      0.478524
 0.004479     0.280783     169.265216
 0.42258     8.621841     51.875163      0.478524
 0.004479     0.684653     192.079226
 0.56345     8.621841     51.875163      0.478524
 0.004479     1.101749     224.473941
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2023

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     -5.037021     -83.770603     -0.996730
-0.004281     -0.573756      -9.167369
 0.14086     -5.037021     -83.770603     -0.996730
-0.004281     -0.158588      -5.496623
 0.28172     -5.037021     -83.770603     -0.996730
-0.004281     -0.133051      -2.937904
 0.42258     -5.037021     -83.770603     -0.996730
-0.004281     -0.331647      -2.814598
 0.56345     -5.037021     -83.770603     -0.996730
-0.004281     -0.532086     -21.746473

COMB DL-G2-3  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000     9.102173     112.895128      0.947792
 0.003708     0.546212     147.125380
 0.14086     9.102173     112.895128      0.947792
 0.003708     0.154168     136.417348
 0.28172     9.102173     112.895128      0.947792
 0.003708     0.406531     150.347388
 0.42258     9.102173     112.895128      0.947792
 0.003708     1.028281     173.608917
 0.56345     9.102173     112.895128      0.947792
 0.003708     1.658439     203.624257

COMB DL-G2-3  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -13.126778     -76.779460     -1.503547
-0.003009     -0.865579     -10.272408
 0.14086    -13.126778     -76.779460     -1.503547
-0.003009     -0.237058     -13.071452
 0.28172    -13.126778     -76.779460     -1.503547
-0.003009     -0.257715     -41.894472
 0.42258    -13.126778     -76.779460     -1.503547
-0.003009     -0.653651     -73.739569
 0.56345    -13.126778     -76.779460     -1.503547
-0.003009     -1.051221     -118.806521

COMB DL-G2-4  ------------------  MAX

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    10.993418     95.197060      1.102992
 0.003095     0.629932     124.395460
 0.14086    10.993418     95.197060      1.102992
 0.003095     0.172770     114.949466
 0.28172    10.993418     95.197060      1.102992
 0.003095     0.459225     125.385145
 0.42258    10.993418     95.197060      1.102992
 0.003095     1.155706     143.730416
 0.56345    10.993418     95.197060      1.102992
 0.003095     1.858223     171.308505

COMB DL-G2-4  ------------------  MIN

REL DIST            P             V2             V3
         T            M2            M3
 0.00000    -11.290643     -84.319593     -1.675925
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-0.002913   -0.954879   -43.796045
0.14086   -11.290643   -84.319593   -1.675925
-0.002913   -0.254673   -37.707917
0.28172   -11.290643   -84.319593   -1.675925
-0.002913   -0.300844   -52.985625
0.42258   -11.290643   -84.319593   -1.675925
-0.002913   -0.762698   -70.516146
0.56345   -11.290643   -84.319593   -1.675925
-0.002913   -1.225357  -101.421554

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   6.058872   1.758454   0.479879
1.28E-05   0.268003   3.080922
0.14086   6.058872   1.758454   0.479879
1.28E-05   0.067106   2.703911
0.28172   6.058872   1.758454   0.479879
1.28E-05   0.202471   2.437401
0.42258   6.058872   1.758454   0.479879
1.28E-05   0.495004   2.216501
0.56345   6.058872   1.758454   0.479879
1.28E-05   0.787568   2.150338
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2024

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -0.233125  -29.723310   -0.697512
-0.000639   -0.383577   -60.036484
0.14086  -0.233125  -29.723310   -0.697512
-0.000639   -0.092318   -47.934529
0.28172  -0.233125  -29.723310   -0.697512
-0.000639   -0.132312   -35.963050
0.42258  -0.233125  -29.723310   -0.697512
-0.000639   -0.333863   -24.037459
0.56345  -0.233125  -29.723310   -0.697512
-0.000639   -0.535296   -12.228576

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   9.384899   3.876980   0.828681
0.000324   0.461170   9.025980
0.14086   9.384899   3.876980   0.828681
0.000324   0.115886   12.896891
0.28172   9.384899   3.876980   0.828681
0.000324   0.319911   21.586724
0.42258   9.384899   3.876980   0.828681
0.000324   0.787378   31.647719
0.56345   9.384899   3.876980   0.828681
0.000324   1.255245   42.643777

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -2.283257  -60.964446   -1.115525
-0.001174   -0.617052   -77.156547
0.14086  -2.283257  -60.964446   -1.115525
-0.001174   -0.151631   -57.651850
0.28172  -2.283257  -60.964446   -1.115525
-0.001174   -0.233969   -40.993600
0.42258  -2.283257  -60.964446   -1.115525
-0.001174   -0.578778   -25.348420
0.56345  -2.283257  -60.964446   -1.115525
-0.001174   -0.925973   -12.344982

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.545367   3.128872   0.844421
0.000224   0.471739   73.520684
0.14086   12.545367   3.128872   0.844421
0.000224   0.119492   99.445626
0.28172   12.545367   3.128872   0.844421
0.000224   0.398631   128.709348
0.42258   12.545367   3.128872   0.844421
0.000224   0.981430   158.785844
0.56345   12.545367   3.128872   0.844421
0.000224   1.564024   189.420270

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -1.779409  -105.010629   -1.389570
-0.000820   -0.768018   -68.575678
0.14086  -1.779409  -105.010629   -1.389570
-0.000820   -0.187886   -51.841375
0.28172  -1.779409  -105.010629   -1.389570
-0.000820   -0.234563   -37.177265
0.42258  -1.779409  -105.010629   -1.389570
-0.000820   -0.587661   -23.287236
0.56345  -1.779409  -105.010629   -1.389570
-0.000820   -0.942107   -10.963318

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.731106   79.987784   1.032723
0.003118   0.589120   135.384363
0.14086   12.731106   79.987784   1.032723
0.003118   0.161571   126.268543
0.28172   12.731106   79.987784   1.032723
0.003118   0.471940   131.932782
0.42258   12.731106   79.987784   1.032723
0.003118   1.170194   149.576884
0.56345   12.731106   79.987784   1.032723
0.003118   1.876423   173.953198
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2025

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -8.384675  -90.004093   -1.684760
-0.003225   -0.951961   -58.374655
0.14086  -8.384675  -90.004093   -1.684760
-0.003225   -0.248559   -44.156456
0.28172  -8.384675  -90.004093   -1.684760
-0.003225   -0.282910   -44.958609
0.42258  -8.384675  -90.004093   -1.684760
-0.003225   -0.715053   -52.479340
0.56345  -8.384675  -90.004093   -1.684760
-0.003225   -1.148303   -72.554078

COMB       DB ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.998012   178.050850   0.685356
0.007420   0.389022   141.793019
0.14086   12.998012   178.050850   0.685356
0.007420   0.112375   149.156286
0.28172   12.998012   178.050850   0.685356
0.007420   0.274224   159.312722
0.42258   12.998012   178.050850   0.685356
0.007420   0.678382   184.212132
0.56345   12.998012   178.050850   0.685356
0.007420   1.095947   219.162174

COMB       DB ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -20.121534  -104.035226   -0.995684
-0.006280   -0.575102   -67.571759
0.14086  -20.121534  -104.035226   -0.995684
-0.006280   -0.158656   -57.160886
0.28172  -20.121534  -104.035226   -0.995684
-0.006280   -0.185708   -95.299366
0.42258  -20.121534  -104.035226   -0.995684
-0.006280   -0.473345  -139.567840
0.56345  -20.121534  -104.035226   -0.995684
-0.006280   -0.760840  -205.382620

COMB       DL ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.731106   173.949704   1.239874
0.007348   0.713347   150.010847
0.14086   12.731106   173.949704   1.239874
0.007348   0.200695   158.030649
0.28172   12.731106   173.949704   1.239874
0.007348   0.471940   169.265216
0.42258   12.731106   173.949704   1.239874
0.007348   1.170194   192.079226
0.56345   12.731106   173.949704   1.239874
0.007348   1.876423   224.473941

COMB       DL ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -20.325693  -105.010629   -1.706720
-0.006320   -0.990865   -77.156547
0.14086  -20.325693  -105.010629   -1.706720
-0.006320   -0.277292   -63.311436
0.28172  -20.325693  -105.010629   -1.706720
-0.006320   -0.340453   -98.206909
0.42258  -20.325693  -105.010629   -1.706720
-0.006320   -0.856785  -140.372925
0.56345  -20.325693  -105.010629   -1.706720
-0.006320   -1.376551  -209.240345

COMB       CAR ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.998012   178.050850   1.239874
0.007420   0.713347   150.010847
0.14086   12.998012   178.050850   1.239874
0.007420   0.200695   158.030649
0.28172   12.998012   178.050850   1.239874
0.007420   0.471940   169.265216
0.42258   12.998012   178.050850   1.239874
0.007420   1.170194   192.079226
0.56345   12.998012   178.050850   1.239874
0.007420   1.876423   224.473941
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2026

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       CAR ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -20.325693  -105.010629   -1.706720
-0.006320   -0.990865   -77.156547
0.14086  -20.325693  -105.010629   -1.706720
-0.006320   -0.277292   -63.311436
0.28172  -20.325693  -105.010629   -1.706720
-0.006320   -0.340453   -98.206909
0.42258  -20.325693  -105.010629   -1.706720
-0.006320   -0.856785  -140.372925
0.56345  -20.325693  -105.010629   -1.706720
-0.006320   -1.376551  -209.240345

COMB       DESIGN ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   12.998012   178.050850   1.239874
0.007420   0.713347   150.010847
0.14086   12.998012   178.050850   1.239874
0.007420   0.200695   158.030649
0.28172   12.998012   178.050850   1.239874
0.007420   0.471940   169.265216
0.42258   12.998012   178.050850   1.239874
0.007420   1.170194   192.079226
0.56345   12.998012   178.050850   1.239874
0.007420   1.876423   224.473941

COMB       DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -20.325693  -105.010629   -1.706720
-0.006320   -0.990865   -77.156547
0.14086  -20.325693  -105.010629   -1.706720
-0.006320   -0.277292   -63.311436
0.28172  -20.325693  -105.010629   -1.706720
-0.006320   -0.340453   -98.206909
0.42258  -20.325693  -105.010629   -1.706720
-0.006320   -0.856785  -140.372925
0.56345  -20.325693  -105.010629   -1.706720
-0.006320   -1.376551  -209.240345

ELEM     176 ================ LENGTH
=    2.977068

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   0.399091   79.203403   0.405465
0.000679   0.454420   111.034317
0.57750   0.399091   79.203403   0.405465
0.000679   0.284422   77.898350
0.71834   0.399091   79.203403   0.405465
0.000679   0.114414   44.847545
0.85917   0.399091   79.203403   0.405465
0.000679   0.056055   12.062795
1.00000   0.399091   79.203403   0.405465
0.000679   0.226620   2.817453

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -11.042775   -3.894166   -0.406703
-0.000671   -0.455450   -7.583644
0.57750  -11.042775   -3.894166   -0.406703
-0.000671   -0.284932   -6.158414
0.71834  -11.042775   -3.894166   -0.406703
-0.000671   -0.114413   -5.065221
0.85917  -11.042775   -3.894166   -0.406703
-0.000671   -0.059503   -4.107994
1.00000  -11.042775   -3.894166   -0.406703
-0.000671   -0.225588   -22.949697

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   4.692474   111.470115   0.533491
0.006994   0.598351   208.761488
0.57750   4.692474   111.470115   0.533491
0.006994   0.374675   167.170049
0.71834   4.692474   111.470115   0.533491
0.006994   0.150950   137.040240
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2027

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.85917   4.692474   111.470115   0.533491
0.006994   0.116086   124.789008
1.00000   4.692474   111.470115   0.533491
0.006994   0.383796   125.113541

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -13.897367   -84.190665   -0.661771
-0.006972   -0.726027   -31.123566
0.57750  -13.897367   -84.190665   -0.661771
-0.006972   -0.448568   -10.818407
0.71834  -13.897367   -84.190665   -0.661771
-0.006972   -0.171687   -7.732494
0.85917  -13.897367   -84.190665   -0.661771
-0.006972   -0.097644   -6.132803
1.00000  -13.897367   -84.190665   -0.661771
-0.006972   -0.312880   -9.728361

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   7.881799   100.131917   0.577090
0.005259   0.645775   194.535492
0.57750   7.881799   100.131917   0.577090
0.005259   0.403821   157.637827
0.71834   7.881799   100.131917   0.577090
0.005259   0.161818   129.742513
0.85917   7.881799   100.131917   0.577090
0.005259   0.108871   117.052742
1.00000   7.881799   100.131917   0.577090
0.005259   0.395603   126.789460

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -12.711933  -112.614934   -0.700290
-0.005233   -0.779005   -72.819497
0.57750  -12.711933  -112.614934   -0.700290
-0.005233   -0.495396   -34.736331
0.71834  -12.711933  -112.614934   -0.700290
-0.005233   -0.192324   -8.830131
0.85917  -12.711933  -112.614934   -0.700290
-0.005233   -0.096949   -6.328969
1.00000  -12.711933  -112.614934   -0.700290
-0.005233   -0.333297   -8.291884

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   9.622996   84.569475   0.670536
0.004483   0.746180   165.424988
0.57750   9.622996   84.569475   0.670536
0.004483   0.465047   134.193426
0.71834   9.622996   84.569475   0.670536
0.004483   0.184577   110.433936
0.85917   9.622996   84.569475   0.670536
0.004483   0.116857   99.337989
1.00000   9.622996   84.569475   0.670536
0.004483   0.434186   106.894561

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -11.532644  -113.166660   -0.770224
-0.004456   -0.857682  -115.377899
0.57750  -11.532644  -113.166660   -0.770224
-0.004456   -0.534749   -75.811040
0.71834  -11.532644  -113.166660   -0.770224
-0.004456   -0.212235   -46.943177
0.85917  -11.532644  -113.166660   -0.770224
-0.004456   -0.111190   -37.438216
1.00000  -11.532644  -113.166660   -0.770224
-0.004456   -0.387690   -31.486003

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   5.620507   9.592975   0.087566
0.005456   0.098884   52.895109
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2028

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.57750   5.620507   9.592975   0.087566
0.005456   0.062231   54.433861
0.71834   5.620507   9.592975   0.087566
0.005456   0.025539   66.347440
0.85917   5.620507   9.592975   0.087566
0.005456   0.057777   95.350512
1.00000   5.620507   9.592975   0.087566
0.005456   0.145214   136.309062

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -0.814095  -98.286765   -0.234943
-0.005450   -0.254570   -37.588885
0.57750  -0.814095  -98.286765   -0.234943
-0.005450   -0.156066   -8.734912
0.71834  -0.814095  -98.286765   -0.234943
-0.005450   -0.056760   -2.115792
0.85917  -0.814095  -98.286765   -0.234943
-0.005450   -0.033078   -1.715351
1.00000  -0.814095  -98.286765   -0.234943
-0.005450   -0.062881   -1.278698

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   9.919176   8.891015   0.265658
0.005358   0.290981   52.674911
0.57750   9.919176   8.891015   0.265658
0.005358   0.179599   54.694909
0.71834   9.919176   8.891015   0.265658
0.005358   0.069139   66.952337
0.85917   9.919176   8.891015   0.265658
0.005358   0.069782   96.511619
1.00000   9.919176   8.891015   0.265658
0.005358   0.227957   142.972311

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -1.683869  -134.748531   -0.396089
-0.005336   -0.436530   -96.804876
0.57750  -1.683869  -134.748531   -0.396089
-0.005336   -0.270459   -50.987989
0.71834  -1.683869  -134.748531   -0.396089
-0.005336   -0.104986   -19.895998
0.85917  -1.683869  -134.748531   -0.396089
-0.005336   -0.062454   -14.514247
1.00000  -1.683869  -134.748531   -0.396089
-0.005336   -0.167422   -10.134489

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   9.170110   86.528805   0.513258
0.004284   0.569267   200.481686
0.57750   9.170110   86.528805   0.513258
0.004284   0.354076   168.740888
0.71834   9.170110   86.528805   0.513258
0.004284   0.139715   144.635833
0.85917   9.170110   86.528805   0.513258
0.004284   0.095259   138.436310
1.00000   9.170110   86.528805   0.513258
0.004284   0.349559   138.776635

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -10.063612  -114.202825   -0.619790
-0.004265   -0.690045   -90.300704
0.57750  -10.063612  -114.202825   -0.619790
-0.004265   -0.430173   -50.041705
0.71834  -10.063612  -114.202825   -0.619790
-0.004265   -0.170772   -21.260308
0.85917  -10.063612  -114.202825   -0.619790
-0.004265   -0.089833   -15.871399
1.00000  -10.063612  -114.202825   -0.619790
-0.004265   -0.300600   -11.229222

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2029

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   10.765938   73.584476   0.621120
0.003573   0.691423   171.500326
0.57750   10.765938   73.584476   0.621120
0.003573   0.431009   144.444231
0.71834   10.765938   73.584476   0.621120
0.003573   0.171132   123.779155
0.85917   10.765938   73.584476   0.621120
0.003573   0.107966   114.226896
1.00000   10.765938   73.584476   0.621120
0.003573   0.405863   117.811377

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -8.598310  -111.414900   -0.721381
-0.003643   -0.804098   -133.865173
0.57750  -8.598310  -111.414900   -0.721381
-0.003643   -0.501631   -93.597780
0.71834  -8.598310  -111.414900   -0.721381
-0.003643   -0.199549   -62.641699
0.85917  -8.598310  -111.414900   -0.721381
-0.003643   -0.101107   -51.380288
1.00000  -8.598310  -111.414900   -0.721381
-0.003643   -0.357863   -40.889878

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   5.047304   2.635892   0.312404
1.41E-05   0.348944   8.113865
0.57750   5.047304   2.635892   0.312404
1.41E-05   0.217963   7.013637
0.71834   5.047304   2.635892   0.312404
1.41E-05   0.086983   5.925849
0.85917   5.047304   2.635892   0.312404
1.41E-05   0.045418   4.882291
1.00000   5.047304   2.635892   0.312404
1.41E-05   0.182246   3.929722

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -0.145472  -23.874541   -0.326119
-1.39E-05   -0.364681   -92.550034
0.57750  -0.145472  -23.874541   -0.326119
-1.39E-05   -0.227951   -82.606418
0.71834  -0.145472  -23.874541   -0.326119
-1.39E-05   -0.091213   -72.691675
0.85917  -0.145472  -23.874541   -0.326119
-1.39E-05   -0.043973   -62.777300
1.00000  -0.145472  -23.874541   -0.326119
-1.39E-05   -0.174996   -52.895048

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   8.880156   3.776496   0.527315
0.000388   0.579593   11.714965
0.57750   8.880156   3.776496   0.527315
0.000388   0.358508   10.283404
0.71834   8.880156   3.776496   0.527315
0.000388   0.138613   9.517192
0.85917   8.880156   3.776496   0.527315
0.000388   0.073263   9.491692
1.00000   8.880156   3.776496   0.527315
0.000388   0.290090   10.515201

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -1.534782  -53.657472   -0.517708
-0.000373   -0.578127   -151.474736
0.57750  -1.534782  -53.657472   -0.517708
-0.000373   -0.361072   -129.916095
0.71834  -1.534782  -53.657472   -0.517708
-0.000373   -0.144030   -109.356151
0.85917  -1.534782  -53.657472   -0.517708
-0.000373   -0.084444   -89.006911
1.00000  -1.534782  -53.657472   -0.517708
-0.000373   -0.305290   -69.864677
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    2030

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   11.877166   4.130018   0.516885
0.000809   0.572471   30.592685
0.57750   11.877166   4.130018   0.516885
0.000809   0.355760   31.183559
0.71834   11.877166   4.130018   0.516885
0.000809   0.139833   34.064140
0.85917   11.877166   4.130018   0.516885
0.000809   0.076252   41.403284
1.00000   11.877166   4.130018   0.516885
0.000809   0.332159   66.597436

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -1.017996  -104.628121   -0.597070
-0.000790   -0.669346   -171.864390
0.57750  -1.017996  -104.628121   -0.597070
-0.000790   -0.419021   -128.925070
0.71834  -1.017996  -104.628121   -0.597070
-0.000790   -0.168819   -90.637866
0.85917  -1.017996  -104.628121   -0.597070
-0.000790   -0.078695   -76.155566
1.00000  -1.017996  -104.628121   -0.597070
-0.000790   -0.295219   -62.264834

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43667   12.308627   56.096118   0.601322
0.003927   0.668630   148.693954
0.57750   12.308627   56.096118   0.601322
0.003927   0.416518   129.328308
0.71834   12.308627   56.096118   0.601322
0.003927   0.165023   117.238595
0.85917   12.308627   56.096118   0.601322
0.003927   0.108686   117.556042
1.00000   12.308627   56.096118   0.601322
0.003927   0.401555   130.894057

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43667  -5.928872  -119.993267   -0.711578
-0.003915   -0.791957   -153.075577
0.57750  -5.928872  -119.993267   -0.711578
-0.003915   -0.493616   -110.283361
0.71834  -5.928872  -119.993267   -0.711578
-0.003915   -0.195703   -78.034185
0.85917  -5.928872  -119.993267   -0.711578
-0.003915   -0.101148   -65.232594
1.00000  -5.928872  -119.993267   -0.711578
-0.003915   -0.348838   -53.163625

COMB DB-G1-1 ---------- MAX
```

REL DIST P V2 V3
T M2 M3
0.43667 0.508417 80.503889 0.857065
0.000574 0.949396 110.674056
0.57750 0.508417 80.503889 0.857065
0.000574 0.590104 77.116261
0.71834 0.508417 80.503889 0.857065
0.000574 0.230646 43.854160
0.85917 0.508417 80.503889 0.857065
0.000574 0.074759 12.044726
1.00000 0.508417 80.503889 0.857065
0.000574 0.308792 3.579826

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -11.320913 -4.305301 -0.563502
-0.000555 -0.639190 -10.117552
0.57750 -11.320913 -4.305301 -0.563502
-0.000555 -0.398712 -8.513010
0.71834 -11.320913 -4.305301 -0.563502
-0.000555 -0.162199 -7.353451
0.85917 -11.320913 -4.305301 -0.563502
-0.000555 -0.131681 -7.456853
1.00000 -11.320913 -4.305301 -0.563502
-0.000555 -0.488121 -30.416711
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2031

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 5.555179 111.653177 1.072430
0.006860 1.174517 218.148130
0.57750 5.555179 111.653177 1.072430
0.006860 0.729823 177.236556
0.71834 5.555179 111.653177 1.072430
0.006860 0.289569 148.912957
0.85917 5.555179 111.653177 1.072430
0.006860 0.166376 135.734651
1.00000 5.555179 111.653177 1.072430
0.006860 0.581856 137.242136

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.908569 -80.681538 -1.019465
-0.006833 -1.130566 -36.741661
0.57750 -13.908569 -80.681538 -1.019465
-0.006833 -0.702933 -13.601671
0.71834 -13.908569 -80.681538 -1.019465
-0.006833 -0.279216 -10.179620
0.85917 -13.908569 -80.681538 -1.019465
-0.006833 -0.188131 -8.326173
1.00000 -13.908569 -80.681538 -1.019465
-0.006833 -0.636436 -18.042225

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.071686 99.809600 1.114498
0.005264 1.227165 201.280781
0.57750 8.071686 99.809600 1.114498
0.005264 0.763680 166.153993
0.71834 8.071686 99.809600 1.114498
0.005264 0.304023 142.040135
0.85917 8.071686 99.809600 1.114498
0.005264 0.167194 136.217592
1.00000 8.071686 99.809600 1.114498
0.005264 0.607917 147.009874

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -12.858638 -106.491058 -1.073242
-0.005233 -1.195205 -68.944245
0.57750 -12.858638 -106.491058 -1.073242
-0.005233 -0.745538 -33.776548
0.71834 -12.858638 -106.491058 -1.073242
-0.005233 -0.299418 -13.428729
0.85917 -12.858638 -106.491058 -1.073242
-0.005233 -0.184400 -8.167176
1.00000 -12.858638 -106.491058 -1.073242
-0.005233 -0.650668 -15.863020

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 9.528005 84.552993 1.254236
0.004473 1.383274 171.831205
0.57750 9.528005 84.552993 1.254236
0.004473 0.860373 141.981034
0.71834 9.528005 84.552993 1.254236
0.004473 0.341091 121.295222
0.85917 9.528005 84.552993 1.254236
0.004473 0.180004 115.759011
1.00000 9.528005 84.552993 1.254236
0.004473 0.665279 124.041274

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -11.616478 -111.306258 -1.175657
-0.004448 -1.308912 -120.543953
0.57750 -11.616478 -111.306258 -1.175657
-0.004448 -0.816225 -81.953784
0.71834 -11.616478 -111.306258 -1.175657
-0.004448 -0.326811 -55.792826
0.85917 -11.616478 -111.306258 -1.175657
-0.004448 -0.201692 -42.973610
1.00000 -11.616478 -111.306258 -1.175657
-0.004448 -0.726380 -39.915694
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2032

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 5.833794 10.492164 0.153384
0.004567 0.160166 65.633815
0.57750 5.833794 10.492164 0.153384
0.004567 0.099391 68.024518
0.71834 5.833794 10.492164 0.153384
0.004567 0.041591 81.924696
0.85917 5.833794 10.492164 0.153384
0.004567 0.085240 109.121152
1.00000 5.833794 10.492164 0.153384
0.004567 0.256431 141.922827

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -0.986920 -85.256554 -0.425907
-0.004561 -0.460450 -36.388966
0.57750 -0.986920 -85.256554 -0.425907
-0.004561 -0.281909 -10.289519
0.71834 -0.986920 -85.256554 -0.425907
-0.004561 -0.103726 -2.958166
0.85917 -0.986920 -85.256554 -0.425907
-0.004561 -0.041458 -2.041667
1.00000 -0.986920 -85.256554 -0.425907
-0.004561 -0.105933 -1.486174

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 9.334575 9.889165 0.450413
0.004586 0.487539 63.114426
0.57750 9.334575 9.889165 0.450413
0.004586 0.302273 66.154278
0.71834 9.334575 9.889165 0.450413
0.004586 0.121130 80.418235
0.85917 9.334575 9.889165 0.450413
0.004586 0.111031 113.343883
1.00000 9.334575 9.889165 0.450413
0.004586 0.367312 153.585861

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.944574 -121.170107 -0.629000
-0.004571 -0.691049 -89.405694
0.57750 -1.944574 -121.170107 -0.629000
-0.004571 -0.427821 -48.282536
0.71834 -1.944574 -121.170107 -0.629000
-0.004571 -0.168153 -21.962755
0.85917 -1.944574 -121.170107 -0.629000
-0.004571 -0.086126 -14.785581
1.00000 -1.944574 -121.170107 -0.629000
-0.004571 -0.274680 -9.773569

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.754948 86.352286 0.909741
0.003404 1.003842 212.764073
0.57750 8.754948 86.352286 0.909741
0.003404 0.623946 182.340799
0.71834 8.754948 86.352286 0.909741
0.003404 0.248401 160.241368
0.85917 8.754948 86.352286 0.909741
0.003404 0.150343 152.688113
1.00000 8.754948 86.352286 0.909741
0.003404 0.558409 151.892467

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -9.845425 -101.562833 -0.987982
-0.003379 -1.099928 -84.482623
0.57750 -9.845425 -101.562833 -0.987982
-0.003379 -0.685692 -49.084928
0.71834 -9.845425 -101.562833 -0.987982
-0.003379 -0.274234 -24.207199
0.85917 -9.845425 -101.562833 -0.987982
-0.003379 -0.144325 -17.118311
1.00000 -9.845425 -101.562833 -0.987982
-0.003379 -0.525815 -11.728076
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2033

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 10.458620 73.813078 1.059849
0.002839 1.174108 182.933005
0.57750 10.458620 73.813078 1.059849
0.002839 0.731734 156.824780
0.71834 10.458620 73.813078 1.059849
0.002839 0.291485 137.629077
0.85917 10.458620 73.813078 1.059849
0.002839 0.173669 130.704897
1.00000 10.458620 73.813078 1.059849
0.002839 0.652349 129.440327

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -8.484018 -105.588960 -1.153768
-0.002902 -1.283885 -142.308733
0.57750 -8.484018 -105.588960 -1.153768
-0.002902 -0.801178 -104.152518
0.71834 -8.484018 -105.588960 -1.153768
-0.002902 -0.318922 -74.791630
0.85917 -8.484018 -105.588960 -1.153768
-0.002902 -0.161648 -60.169030
1.00000 -8.484018 -105.588960 -1.153768
-0.002902 -0.605919 -47.173673

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 5.465062 3.280365 0.460175
1.04E-05 0.512748 10.204581
0.57750 5.465062 3.280365 0.460175
1.04E-05 0.319757 8.842912
0.71834 5.465062 3.280365 0.460175
1.04E-05 0.126788 7.485740
0.85917 5.465062 3.280365 0.460175
1.04E-05 0.084414 6.174567
1.00000 5.465062 3.280365 0.460175
1.04E-05 0.321012 4.970973

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -0.211866 -30.802774 -0.563834
-1.01E-05 -0.624607 -115.314216
0.57750 -0.211866 -30.802774 -0.563834
-1.01E-05 -0.388180 -102.452100
0.71834 -0.211866 -30.802774 -0.563834
-1.01E-05 -0.151892 -89.610668
0.85917 -0.211866 -30.802774 -0.563834
-1.01E-05 -0.064237 -76.817050
1.00000 -0.211866 -30.802774 -0.563834
-1.01E-05 -0.257563 -64.116179

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.805864 4.556326 0.852371
0.000291 0.944072 14.248747
0.57750 8.805864 4.556326 0.852371
0.000291 0.586780 12.592890
0.71834 8.805864 4.556326 0.852371
0.000291 0.229987 11.316140
0.85917 8.805864 4.556326 0.852371
0.000291 0.126041 10.711463
1.00000 8.805864 4.556326 0.852371
0.000291 0.482640 11.453577

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.657407 -62.687075 -0.851039
-0.000281 -0.945126 -179.009848
0.57750 -1.657407 -62.687075 -0.851039
-0.000281 -0.588360 -153.303827
0.71834 -1.657407 -62.687075 -0.851039
-0.000281 -0.231921 -128.285041
0.85917 -1.657407 -62.687075 -0.851039
-0.000281 -0.126488 -104.339329
1.00000 -1.657407 -62.687075 -0.851039
-0.000281 -0.483436 -81.576613
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2034

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 11.429107 4.636362 0.803998
0.000418 0.893470 35.970131
0.57750 11.429107 4.636362 0.803998
0.000418 0.556345 37.835457
0.71834 11.429107 4.636362 0.803998
0.000418 0.220071 43.360232
0.85917 11.429107 4.636362 0.803998
0.000418 0.143413 57.116470
1.00000 11.429107 4.636362 0.803998
0.000418 0.545918 77.786777

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.326446 -104.108294 -0.960974
-0.000405 -1.066522 -187.367831
0.57750 -1.326446 -104.108294 -0.960974
-0.000405 -0.663867 -146.921467
0.71834 -1.326446 -104.108294 -0.960974
-0.000405 -0.261934 -109.657303
0.85917 -1.326446 -104.108294 -0.960974
-0.000405 -0.114885 -90.911675
1.00000 -1.326446 -104.108294 -0.960974
-0.000405 -0.452542 -72.981100

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.053542 57.015956 0.975702
0.002894 1.079678 163.375852
0.57750 12.053542 57.015956 0.975702
0.002894 0.672587 144.498179
0.71834 12.053542 57.015956 0.975702
0.002894 0.268058 133.146460
0.85917 12.053542 57.015956 0.975702
0.002894 0.186996 134.131072
1.00000 12.053542 57.015956 0.975702
0.002894 0.679290 140.780736

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -5.994827 -113.058573 -1.189916
-0.002892 -1.320110 -166.942357
0.57750 -5.994827 -113.058573 -1.189916
-0.002892 -0.821277 -126.031502
0.71834 -5.994827 -113.058573 -1.189916
-0.002892 -0.324754 -94.552930
0.85917 -5.994827 -113.058573 -1.189916
-0.002892 -0.149939 -78.155861
1.00000 -5.994827 -113.058573 -1.189916
-0.002892 -0.559455 -62.616813

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.308627 111.470115 0.670536
0.006994 0.746180 208.761488
0.57750 12.308627 111.470115 0.670536
0.006994 0.445047 168.748898
0.71834 12.308627 111.470115 0.670536
0.006994 0.184577 144.635833
0.85917 12.308627 111.470115 0.670536
0.006994 0.116857 133.843610
1.00000 12.308627 111.470115 0.670536
0.006994 0.434186 142.972311

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.897367 -134.748531 -0.770224
-0.006972 -0.868682 -171.864390
0.57750 -13.897367 -134.748531 -0.770224
-0.006972 -0.534749 -129.916095
0.71834 -13.897367 -134.748531 -0.770224
-0.006972 -0.212235 -109.356151
0.85917 -13.897367 -134.748531 -0.770224
-0.006972 -0.111190 -89.006911
1.00000 -13.897367 -134.748531 -0.770224
-0.006972 -0.387690 -69.864677
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2035

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.053542 111.653177 1.254236
0.006860 1.383274 218.148130
0.57750 12.053542 111.653177 1.254236
0.006860 0.860373 182.340739
0.71834 12.053542 111.653177 1.254236
0.006860 0.341091 160.241368
0.85917 12.053542 111.653177 1.254236
0.006860 0.186996 152.688113
1.00000 12.053542 111.653177 1.254236
0.006860 0.679290 153.585861

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.908569 -121.170107 -1.189916
-0.006833 -1.320110 -187.367831
0.57750 -13.908569 -121.170107 -1.189916
-0.006833 -0.821277 -153.303827
0.71834 -13.908569 -121.170107 -1.189916
-0.006833 -0.326811 -128.285041
0.85917 -13.908569 -121.170107 -1.189916
-0.006833 -0.201692 -104.339329
1.00000 -13.908569 -121.170107 -1.189916
-0.006833 -0.726380 -81.576613

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.308627 111.653177 1.254236
0.006994 1.383274 218.148130
0.57750 12.308627 111.653177 1.254236
0.006994 0.860373 182.340739
0.71834 12.308627 111.653177 1.254236
0.006994 0.341091 160.241368
0.85917 12.308627 111.653177 1.254236
0.006994 0.186996 152.688113
1.00000 12.308627 111.653177 1.254236
0.006994 0.679290 153.585861

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.908569 -134.748531 -1.189916
-0.006972 -1.320110 -187.367831
0.57750 -13.908569 -134.748531 -1.189916
-0.006972 -0.821277 -153.303827
0.71834 -13.908569 -134.748531 -1.189916
-0.006972 -0.326811 -128.285041
0.85917 -13.908569 -134.748531 -1.189916
-0.006972 -0.201692 -104.339329
1.00000 -13.908569 -134.748531 -1.189916
-0.006972 -0.726380 -81.576613

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.308627 111.653177 1.254236
0.006994 1.383274 218.148130
0.57750 12.308627 111.653177 1.254236
0.006994 0.860373 182.340739
0.71834 12.308627 111.653177 1.254236
0.006994 0.341091 160.241368
0.85917 12.308627 111.653177 1.254236
0.006994 0.186996 152.688113
1.00000 12.308627 111.653177 1.254236
0.006994 0.679290 153.585861

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.908569 -134.748531 -1.189916
-0.006972 -1.320110 -187.367831
0.57750 -13.908569 -134.748531 -1.189916
-0.006972 -0.821277 -153.303827
0.71834 -13.908569 -134.748531 -1.189916
-0.006972 -0.326811 -128.285041
0.85917 -13.908569 -134.748531 -1.189916
-0.006972 -0.201692 -104.339329
1.00000 -13.908569 -134.748531 -1.189916
-0.006972 -0.726380 -81.576613
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2036

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 177 ========== LENGTH = 2.977234

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.398855 78.764911 0.422659
0.000572 0.239543 2.815392
0.14084 0.398855 78.764911 0.422659
0.000572 0.062274 3.381336
0.28168 0.398855 78.764911 0.422659
0.000572 0.114872 3.960082
0.42251 0.398855 78.764911 0.422659
0.000572 0.292078 4.575667
0.56335 0.398855 78.764911 0.422659
0.000572 0.469322 5.657523

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.993585 -3.853821 -0.422730
-0.000564 -0.239695 -22.989975
0.14084 -10.993585 -3.853821 -0.422730
-0.000564 -0.062378 -55.708680
0.28168 -10.993585 -3.853821 -0.422730
-0.000564 -0.114907 -88.647642
0.42251 -10.993585 -3.853821 -0.422730
-0.000564 -0.292142 -121.596003
0.56335 -10.993585 -3.853821 -0.422730
-0.000564 -0.469368 -154.571719

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.580518 176.724470 0.559858
0.006856 0.329807 125.479823
0.14084 2.580518 176.724470 0.559858
0.006856 0.106412 100.200856
0.28168 2.580518 176.724470 0.559858
0.006856 0.173034 75.104922
0.42251 2.580518 176.724470 0.559858
0.006856 0.430220 67.936741
0.56335 2.580518 176.724470 0.559858
0.006856 0.692824 73.534611

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.062334 -23.977914 -0.647499
-0.006850 -0.388600 -9.774808
0.14084 -18.062334 -23.977914 -0.647499
-0.006850 -0.122963 -51.214700
0.28168 -18.062334 -23.977914 -0.647499
-0.006850 -0.151637 -92.935284
0.42251 -18.062334 -23.977914 -0.647499
-0.006850 -0.386469 -136.476831
0.56335 -18.062334 -23.977914 -0.647499
-0.006850 -0.621226 -201.574339

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.542491 144.380553 0.594540
0.004962 0.344248 127.001960
0.14084 6.542491 144.380553 0.594540
0.004962 0.102638 133.061062
0.28168 6.542491 144.380553 0.594540
0.004962 0.196729 139.127490
0.42251 6.542491 144.380553 0.594540
0.004962 0.493916 157.421361
0.56335 6.542491 144.380553 0.594540
0.004962 0.794786 184.559755

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.512653 -72.133611 -0.731984
-0.004947 -0.433251 -8.331705
0.14084 -15.512653 -72.133611 -0.731984
-0.004947 -0.126920 -46.556518
0.28168 -15.512653 -72.133611 -0.731984
-0.004947 -0.162473 -84.944265
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2037

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42251 -15.512653 -72.133611 -0.731984
-0.004947 -0.411820 -124.502467
0.56335 -15.512653 -72.133611 -0.731984
-0.004947 -0.661115 -178.696602

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.553796 121.287317 0.676883
0.004412 0.389099 107.075615
0.14084 8.553796 121.287317 0.676883
0.004412 0.111641 112.051055
0.28168 8.553796 121.287317 0.676883
0.004412 0.216028 119.403676
0.42251 8.553796 121.287317 0.676883
0.004412 0.543165 138.048918
0.56335 8.553796 121.287317 0.676883
0.004412 0.873342 167.478078

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.852562 -79.806467 -0.799409
-0.004404 -0.467711 -31.536172
0.14084 -13.852562 -79.806467 -0.799409
-0.004404 -0.132976 -55.650580
0.28168 -13.852562 -79.806467 -0.799409
-0.004404 -0.185290 -81.268162
0.42251 -13.852562 -79.806467 -0.799409
-0.004404 -0.469151 -108.566583
0.56335 -13.852562 -79.806467 -0.799409
-0.004404 -0.752978 -150.007747

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.905959 64.800087 0.096694
0.005164 0.065385 136.599216
0.14084 3.905959 64.800087 0.096694
0.005164 0.034259 128.281859
0.28168 3.905959 64.800087 0.096694
0.005164 0.060171 120.032058
0.42251 3.905959 64.800087 0.096694
0.005164 0.144889 126.769435
0.56335 3.905959 64.800087 0.096694
0.005164 0.234147 143.492582

COMB DB-G2-1 ---------- MIN

```
REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -4.356557  -48.210282  -0.230630
-0.005163  -0.153036   -1.273669
 0.14084  -4.356557  -48.210282  -0.230630
-0.005163  -0.057138   -0.868142
 0.28168  -4.356557  -48.210282  -0.230630
-0.005163  -0.025699   -0.587570
 0.42251  -4.356557  -48.210282  -0.230630
-0.005163  -0.066295   -1.765846
 0.56335  -4.356557  -48.210282  -0.230630
-0.005163  -0.106853  -21.066621

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.402299   60.270584   0.250310
 0.005125   0.142859  143.220100
 0.14084   8.402299   60.270584   0.250310
 0.005125   0.053786  149.500088
 0.28168   8.402299   60.270584   0.250310
 0.005125   0.109268  159.062526
 0.42251   8.402299   60.270584   0.250310
 0.005125   0.269982  183.364557
 0.56335   8.402299   60.270584   0.250310
 0.005125   0.434708  217.271042

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -4.959411  -88.590784  -0.409603
-0.005110  -0.252641  -10.136441
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2038

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
 0.14084  -4.959411  -88.590784  -0.409603
-0.005110  -0.081635   -5.883265
 0.28168  -4.959411  -88.590784  -0.409603
-0.005110  -0.069369   -3.062915
 0.42251  -4.959411  -88.590784  -0.409603
-0.005110  -0.174365   -2.836397
 0.56335  -4.959411  -88.590784  -0.409603
-0.005110  -0.279327  -20.806435

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.129767  122.255991   0.511997
 0.004206   0.295691  138.906932
 0.14084   8.129767  122.255991   0.511997
 0.004206   0.087248  128.984424
 0.28168   8.129767  122.255991   0.511997
 0.004206   0.174955  141.365252
 0.42251   8.129767  122.255991   0.511997
 0.004206   0.439598  165.130740
 0.56335   8.129767  122.255991   0.511997
 0.004206   0.707216  196.427741

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -12.321347   -81.718919   -0.649923
-0.004071   -0.383091   -11.225028
 0.14084  -12.321347   -81.718919   -0.649923
-0.004071   -0.111070   -14.310723
 0.28168  -12.321347   -81.718919   -0.649923
-0.004071   -0.140259   -45.075308
 0.42251  -12.321347   -81.718919   -0.649923
-0.004071   -0.354980   -77.865854
 0.56335  -12.321347   -81.718919   -0.649923
-0.004071   -0.569669  -123.843882

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   9.936170  103.520429   0.626927
 0.003755   0.359492  117.924740
 0.14084   9.936170  103.520429   0.626927
 0.003755   0.101819  109.027954
 0.28168   9.936170  103.520429   0.626927
 0.003755   0.203274  118.194491
 0.42251   9.936170  103.520429   0.626927
 0.003755   0.511718  136.881258
 0.56335   9.936170  103.520429   0.626927
 0.003755   0.822636  164.965278

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -10.486492   -84.292629   -0.751298
-0.003756   -0.437680   -40.901546
 0.14084  -10.486492   -84.292629   -0.751298
-0.003756   -0.122961   -36.831825
 0.28168  -10.486492   -84.292629   -0.751298
-0.003756   -0.171773   -55.558726
 0.42251  -10.486492   -84.292629   -0.751298
-0.003756   -0.434680   -75.821105
 0.56335  -10.486492   -84.292629   -0.751298
-0.003756   -0.697559  -106.962251

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   5.109310    2.711883   0.317923
 0.000360   0.179778    3.935620
 0.14084   5.109310    2.711883   0.317923
 0.000360   0.046262    3.118856
 0.28168   5.109310    2.711883   0.317923
 0.000360   0.091525    2.436125
 0.42251   5.109310    2.711883   0.317923
 0.000360   0.233133    1.869237
 0.56335   5.109310    2.711883   0.317923
 0.000360   0.371738    1.824712
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2039

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -0.146771   -23.947906   -0.334159
-0.000370   -0.188724   -52.917449
 0.14084  -0.146771   -23.947906   -0.334159
-0.000370   -0.048529   -43.207076
 0.28168  -0.146771   -23.947906   -0.334159
-0.000370   -0.087216   -33.606895
 0.42251  -0.146771   -23.947906   -0.334159
-0.000370   -0.220358   -24.037902
 0.56335  -0.146771   -23.947906   -0.334159
-0.000370   -0.353665   -14.494559

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.928140    5.907870   0.501490
 0.000938   0.283201   10.531637
 0.14084   8.928140    5.907870   0.501490
 0.000938   0.073235   12.785082
 0.28168   8.928140    5.907870   0.501490
 0.000938   0.144529   19.616034
 0.42251   8.928140    5.907870   0.501490
 0.000938   0.364837   28.118137
 0.56335   8.928140    5.907870   0.501490
 0.000938   0.585315   38.010796

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -1.664039  -52.246908  -0.526496
-0.000945  -0.297741   -69.904327
 0.14084  -1.664039  -52.246908  -0.526496
-0.000945  -0.076848   -53.544127
 0.28168  -1.664039  -52.246908  -0.526496
-0.000945  -0.138451   -39.016378
 0.42251  -1.664039  -52.246908  -0.526496
-0.000945  -0.348005   -26.078564
 0.56335  -1.664039  -52.246908  -0.526496
-0.000945  -0.558289   -15.602250

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.970267    7.512320   0.508354
 0.000964   0.286610   66.522365
 0.14084  11.970267    7.512320   0.508354
 0.000964   0.073976   92.555932
 0.28168  11.970267    7.512320   0.508354
 0.000964   0.172739  121.297494
 0.42251  11.970267    7.512320   0.508354
 0.000964   0.437591  151.733371
 0.56335  11.970267    7.512320   0.508354
 0.000964   0.702701  183.611220

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -1.209457  -102.487643   -0.633329
-0.000843   -0.359567   -62.291805
 0.14084  -1.209457  -102.487643   -0.633329
-0.000843   -0.093952   -48.431003
 0.28168  -1.209457  -102.487643   -0.633329
-0.000843   -0.140291   -35.698559
 0.42251  -1.209457  -102.487643   -0.633329
-0.000843   -0.353463   -24.115230
 0.56335  -1.209457  -102.487643   -0.633329
-0.000843   -0.566623   -14.844441

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.311183   91.680034   0.604188
 0.004210   0.347559  131.050078
 0.14084  11.311183   91.680034   0.604188
 0.004210   0.100382  119.356377
 0.28168  11.311183   91.680034   0.604188
 0.004210   0.159377  123.386847
 0.42251  11.311183   91.680034   0.604188
 0.004210   0.500741  140.523369
 0.56335  11.311183   91.680034   0.604188
 0.004210   0.805050  165.104959
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2040

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -8.185596  -87.814551   -0.737309
-0.004098   -0.431831   -53.181024
 0.14084  -8.185596  -87.814551   -0.737309
-0.004098   -0.123049   -41.164708
 0.28168  -8.185596  -87.814551   -0.737309
-0.004098   -0.165626   -45.504778
 0.42251  -8.185596  -87.814551   -0.737309
-0.004098   -0.419011   -56.477391
 0.56335  -8.185596  -87.814551   -0.737309
-0.004098   -0.672353   -80.179635

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   0.508546   80.190510   0.798077
 0.000479   0.440872    3.576086
 0.14084   0.508546   80.190510   0.798077
 0.000479   0.112001    4.013714
 0.28168   0.508546   80.190510   0.798077
 0.000479   0.161525    4.444846
 0.42251   0.508546   80.190510   0.798077
 0.000479   0.473861    4.875700
 0.56335   0.508546   80.190510   0.798077
 0.000479   0.673218    6.270450

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -11.280110   -4.297466   -0.609630
-0.000464   -0.348856   -30.455653
 0.14084  -11.280110   -4.297466   -0.609630
-0.000464   -0.099350   -62.972084
 0.28168  -11.280110   -4.297466   -0.609630
-0.000464   -0.258608   -95.467509
 0.42251  -11.280110   -4.297466   -0.609630
-0.000464   -0.563440  -128.015207
 0.56335  -11.280110   -4.297466   -0.609630
-0.000464   -0.898121  -161.134445

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   2.859286  174.218656   1.029562
 0.006785   0.604013  137.276889
 0.14084   2.859286  174.218656   1.029562
 0.006785   0.179507  110.593371
 0.28168   2.859286  174.218656   1.029562
 0.006785   0.277744   84.037537
 0.42251   2.859286  174.218656   1.029562
 0.006785   0.696795   73.970233
 0.56335   2.859286  174.218656   1.029562
 0.006785   1.123066   78.695346

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -17.787697   -21.839228   -1.040121
-0.006757   -0.621349   -18.082311
 0.14084  -17.787697   -21.839228   -1.040121
-0.006757   -0.193153   -57.379588
 0.28168  -17.787697   -21.839228   -1.040121
-0.006757   -0.287559   -96.846645
 0.42251  -17.787697   -21.839228   -1.040121
-0.006757   -0.710723  -138.316755
 0.56335  -17.787697   -21.839228   -1.040121
-0.006757   -1.138392  -207.122583

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   6.232323  144.111564   1.089499
 0.005080   0.630142  146.999250
 0.14084   6.232323  144.111564   1.089499
 0.005080   0.178801  148.466488
 0.28168   6.232323  144.111564   1.089499
 0.005080   0.300545  149.946601
 0.42251   6.232323  144.111564   1.089499
 0.005080   0.758015  153.239349
 0.56335   6.232323  144.111564   1.089499
 0.005080   1.220032  187.226466
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2041

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -15.581101   -65.065743   -1.119228
-0.005041   -0.657583   -15.898931
 0.14084  -15.581101   -65.065743   -1.119228
-0.005041   -0.195261   -52.000628
 0.28168  -15.581101   -65.065743   -1.119228
-0.005041   -0.303200   -88.195480
 0.42251  -15.581101   -65.065743   -1.119228
-0.005041   -0.753947  -125.822412
 0.56335  -15.581101   -65.065743   -1.119228
-0.005041   -1.207884  -182.996294

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.038563  121.326607   1.222508
 0.004446   0.700553  124.035485
 0.14084   8.038563  121.326607   1.222508
 0.004446   0.193236  125.236034
 0.28168   8.038563  121.326607   1.222508
 0.004446   0.328292  128.817922
 0.42251   8.038563  121.326607   1.222508
 0.004446   0.826159  143.033745
 0.56335   8.038563  121.326607   1.222508
 0.004446   1.327876  170.774186

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -13.872152   -77.087263   -1.210845
-0.004417   -0.703536   -39.966581
 0.14084  -13.872152   -77.087263   -1.210845
-0.004417   -0.201749   -61.386920
 0.28168  -13.872152   -77.087263   -1.210845
-0.004417   -0.340833   -84.266609
 0.42251  -13.872152   -77.087263   -1.210845
-0.004417   -0.847633  -108.973030
 0.56335  -13.872152   -77.087263   -1.210845
-0.004417   -1.357889  -153.828873

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   4.000888   54.719317   0.167153
 0.004363   0.117985  141.925544
 0.14084   4.000888   54.719317   0.167153
 0.004363   0.049082  136.200532
 0.28168   4.000888   54.719317   0.167153
 0.004363   0.107474  130.530143
 0.42251   4.000888   54.719317   0.167153
 0.004363   0.259751  136.343876
 0.56335   4.000888   54.719317   0.167153
 0.004363   0.416795  151.934844

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -3.742177  -44.409784   -0.391613
-0.004355   -0.239968   -1.478298
 0.14084  -3.742177  -44.409784   -0.391613
-0.004355   -0.077451   -1.022597
 0.28168  -3.742177  -44.409784   -0.391613
-0.004355   -0.042007   -0.666531
 0.42251  -3.742177  -44.409784   -0.391613
-0.004355   -0.105874   -1.712669
 0.56335  -3.742177  -44.409784   -0.391613
-0.004355   -0.172966   -21.490414

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   7.639494   52.087346   0.455106
 0.004443   0.277440  153.571415
 0.14084   7.639494   52.087346   0.455106
 0.004443   0.087540  160.596665
 0.28168   7.639494   52.087346   0.455106
 0.004443   0.170692  171.128794
 0.42251   7.639494   52.087346   0.455106
 0.004443   0.420238  193.182218
 0.56335   7.639494   52.087346   0.455106
 0.004443   0.673824  224.898251
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2042

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -4.556700   -82.384545   -0.621700
-0.004411   -0.169620   -9.775481
 0.14084  -4.556700   -82.384545   -0.621700
-0.004411   -0.110498   -5.414967
 0.28168  -4.556700   -82.384545   -0.621700
-0.004411   -0.122654   -3.236706
 0.42251  -4.556700   -82.384545   -0.621700
-0.004411   -0.306420   -2.851321
 0.56335  -4.556700   -82.384545   -0.621700
-0.004411   -0.494620   -21.692899

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   7.688517  113.128369   0.900178
 0.003375   0.519900  151.825161
 0.14084   7.688517  113.128369   0.900178
 0.003375   0.145034  138.700729
 0.28168   7.688517  113.128369   0.900178
 0.003375   0.275831  151.257199
 0.42251   7.688517  113.128369   0.900178
 0.003375   0.585527  173.801860
 0.56335   7.688517  113.128369   0.900178
 0.003375   1.119806  203.486707

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -11.482838   -76.555996   -1.020402
-0.003241   -0.592142   -11.721260
 0.14084  -11.482838   -76.555996   -1.020402
-0.003241   -0.168155   -12.663535
 0.28168  -11.482838   -76.555996   -1.020402
-0.003241   -0.248214   -40.681966
 0.42251  -11.482838   -76.555996   -1.020402
-0.003241   -0.620632   -72.074914
 0.56335  -11.482838   -76.555996   -1.020402
-0.003241   -0.996364  -117.092371

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   9.604072   96.279966   1.062180
 0.003027   0.608328  129.390118
 0.14084   9.604072   96.279966   1.062180
 0.003027   0.165386  117.604049
 0.28168   9.604072   96.279966   1.062180
 0.003027   0.320692  126.490302
 0.42251   9.604072   96.279966   1.062180
 0.003027   0.807065  143.787430
 0.56335   9.604072   96.279966   1.062180
 0.003027   1.295579  170.673223

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -9.853934   -84.710170   -1.174200
-0.003011   -0.674363   -47.188285
 0.14084   -9.853934   -84.710170   -1.174200
-0.003011   -0.185341   -39.327574
 0.28168   -9.853934   -84.710170   -1.174200
-0.003011   -0.291900   -53.578940
 0.42251   -9.853934   -84.710170   -1.174200
-0.003011   -0.733644   -70.568828
 0.56335   -9.853934   -84.710170   -1.174200
-0.003011   -1.177472  -101.156555

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   5.529023    3.327009   0.468163
 0.000298   0.263872    4.979698
 0.14084   5.529023    3.327009   0.468163
 0.000298   0.068118    3.948585
 0.28168   5.529023    3.327009   0.468163
 0.000298   0.152195    3.014352
 0.42251   5.529023    3.327009   0.468163
 0.000298   0.378323    2.153421
 0.56335   5.529023    3.327009   0.468163
 0.000298   0.604637    2.952225
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2043

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -0.209802   -30.926813   -0.539824
-0.000304   -0.300951   -64.149514
 0.14084  -0.209802   -30.926813   -0.539824
-0.000304   -0.075054   -51.523437
 0.28168  -0.209802   -30.926813   -0.539824
-0.000304   -0.127411   -39.007560
 0.42251  -0.209802   -30.926813   -0.539824
-0.000304   -0.323602   -26.530299
 0.56335  -0.209802   -30.926813   -0.539824
-0.000304   -0.520062   -14.664119

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.852896    5.874678   0.828814
 0.000733   0.464121   11.462435
 0.14084   8.852896    5.874678   0.828814
 0.000733   0.118569   14.108351
 0.28168   8.852896    5.874678   0.828814
 0.000733   0.233049   21.926710
 0.42251   8.852896    5.874678   0.828814
 0.000733   0.581136   31.049754
 0.56335   8.852896    5.874678   0.828814
 0.000733   0.929289   41.848721

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -1.727558  -61.889362   -0.830948
-0.000743   -0.464628   -81.625065
 0.14084  -1.727558  -61.889362   -0.830948
-0.000743   -0.116782   -61.525596
 0.28168  -1.727558  -61.889362   -0.830948
-0.000743   -0.230684   -44.446259
 0.42251  -1.727558  -61.889362   -0.830948
-0.000743   -0.575682   -28.186119
 0.56335  -1.727558  -61.889362   -0.830948
-0.000743   -0.922771   -15.150885

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.608751    4.678918   0.810837
 0.000442   0.460683   77.753746
 0.14084  11.608751    4.678918   0.810837
 0.000442   0.117415  102.158130
 0.28168  11.608751    4.678918   0.810837
 0.000442   0.264946  130.221002
 0.42251  11.608751    4.678918   0.810837
 0.000442   0.661168  159.077313
 0.56335  11.608751    4.678918   0.810837
 0.000442   1.057473  189.113455

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -1.304137  -104.928677   -0.945826
-0.000455   -0.529754   -73.017018
 0.14084  -1.304137  -104.928677   -0.945826
-0.000455   -0.133887   -55.641567
 0.28168  -1.304137  -104.928677   -0.945826
-0.000455   -0.221716   -40.476273
 0.42251  -1.304137  -104.928677   -0.945826
-0.000455   -0.509555   -25.990392
 0.56335  -1.304137  -104.928677   -0.945826
-0.000455   -0.900905   -13.505265

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.128282   81.524712   0.985384
 0.003174   0.567261  140.744999
 0.14084  11.128282   81.524712   0.985384
 0.003174   0.156407  130.032544
 0.28168  11.128282   81.524712   0.985384
 0.003174   0.326578  133.652774
 0.42251  11.128282   81.524712   0.985384
 0.003174   0.816584  149.725391
 0.56335  11.128282   81.524712   0.985384
 0.003174   1.309085  173.632583
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2044

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -7.495839   -90.401088   -1.184697
-0.003078   -0.678519   -62.639628
 0.14084  -7.495839   -90.401088   -1.184697
-0.003078   -0.183888   -47.595941
 0.28168  -7.495839   -90.401088   -1.184697
-0.003078   -0.268853   -46.943163
 0.42251  -7.495839   -90.401088   -1.184697
-0.003078   -0.677358   -53.528132
 0.56335  -7.495839   -90.401088   -1.184697
-0.003078   -1.089098   -73.487547

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.970267  176.724470   0.676883
 0.006856   0.389099  143.222100
 0.14084  11.970267  176.724470   0.676883
 0.006856   0.111641  149.500088
 0.28168  11.970267  176.724470   0.676883
 0.006856   0.216028  159.062526
 0.42251  11.970267  176.724470   0.676883
 0.006856   0.543165  183.364557
 0.56335  11.970267  176.724470   0.676883
 0.006856   0.873342  217.271042

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -18.062334  -102.487643   -0.799409
-0.006850   -0.467711   -69.904327
 0.14084  -18.062334  -102.487643   -0.799409
-0.006850   -0.132976   -55.850580
 0.28168  -18.062334  -102.487643   -0.799409
-0.006850   -0.185290   -92.551284
 0.42251  -18.062334  -102.487643   -0.799409
-0.006850   -0.469151  -136.476831
 0.56335  -18.062334  -102.487643   -0.799409
-0.006850   -0.752978  -201.574339

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  11.608751  174.218656   1.222508
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```
 0.006785    0.700553  153.571415
0.14084    11.608751  174.218656    1.222508
 0.006785    0.193236  160.596665
0.28168    11.608751  174.218656    1.222508
 0.006785    0.328292  171.128794
0.42251    11.608751  174.218656    1.222508
 0.006785    0.826159  193.182218
0.56335    11.608751  174.218656    1.222508
 0.006785    1.327876  224.898251

COMB       DL ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -17.787697  -104.928677   -1.210845
-0.006757   -0.703536   -81.625065
0.14084  -17.787697  -104.928677   -1.210845
-0.006757   -0.201749   -62.972084
0.28168  -17.787697  -104.928677   -1.210845
-0.006757   -0.340833   -96.846645
0.42251  -17.787697  -104.928677   -1.210845
-0.006757   -0.847633  -138.316755
0.56335  -17.787697  -104.928677   -1.210845
-0.006757   -1.357889  -207.122583

COMB       CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   11.970267  176.724470    1.222508
 0.006856    0.700553  153.571415
0.14084   11.970267  176.724470    1.222508
 0.006856    0.193236  160.596665
0.28168   11.970267  176.724470    1.222508
 0.006856    0.328292  171.128794
0.42251   11.970267  176.724470    1.222508
 0.006856    0.826159  193.182218
0.56335   11.970267  176.724470    1.222508
 0.006856    1.327876  224.898251
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2045

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -18.062334  -104.928677   -1.210845
-0.006850   -0.703536   -81.625065
0.14084  -18.062334  -104.928677   -1.210845
-0.006850   -0.201749   -62.972084
0.28168  -18.062334  -104.928677   -1.210845
-0.006850   -0.340833   -96.846645
0.42251  -18.062334  -104.928677   -1.210845
-0.006850   -0.847633  -138.316755
0.56335  -18.062334  -104.928677   -1.210845
-0.006850   -1.357889  -207.122583

COMB    DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   11.970267  176.724470    1.222508
 0.006856    0.700553  153.571415
0.14084   11.970267  176.724470    1.222508
 0.006856    0.193236  160.596665
0.28168   11.970267  176.724470    1.222508
 0.006856    0.328292  171.128794
0.42251   11.970267  176.724470    1.222508
 0.006856    0.826159  193.182218
0.56335   11.970267  176.724470    1.222508
 0.006856    1.327876  224.898251

COMB    DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -18.062334  -104.928677   -1.210845
-0.006850   -0.703536   -81.625065
0.14084  -18.062334  -104.928677   -1.210845
-0.006850   -0.201749   -62.972084
0.28168  -18.062334  -104.928677   -1.210845
-0.006850   -0.340833   -96.846645
0.42251  -18.062334  -104.928677   -1.210845
-0.006850   -0.847633  -138.316755
0.56335  -18.062334  -104.928677   -1.210845
-0.006850   -1.357889  -207.122583

ELEM      178 ========== LENGTH
=    2.977605

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    0.349900   75.823561    0.406118
 0.000379    0.454815  105.171816
0.57744    0.349900   75.823561    0.406118
 0.000379    0.284489   73.423000
0.71830    0.349900   75.823561    0.406118
 0.000379    0.113777   41.751755
0.85915    0.349900   75.823561    0.406118
 0.000379    0.055833   10.349059
1.00000    0.349900   75.823561    0.406118
 0.000379    0.224327    2.889512

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -9.872105   -5.826189   -0.401650
-0.000986   -0.449500  -12.202802
0.57744   -9.872105   -5.826189   -0.401650
-0.000986   -0.281048   -9.944066
0.71830   -9.872105   -5.826189   -0.401650
-0.000986   -0.112592   -8.037376
0.85915   -9.872105   -5.826189   -0.401650
-0.000986   -0.068067   -6.277779
1.00000   -9.872105   -5.826189   -0.401650
-0.000986   -0.232088  -23.246129

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    4.791908  107.501505    0.588886
 0.006593    0.636045  202.087165
0.57744    4.791908  107.501505    0.588886
 0.006593    1.389111  160.484257
0.71830    4.791908  107.501505    0.588886
 0.006593    0.163859  131.804615
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2046

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.85915    4.791908  107.501505    0.588886
 0.006593    0.107213  120.891688
1.00000    4.791908  107.501505    0.588886
 0.006593    0.355736  123.852861

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -12.497458   -86.995500   -0.617606
-0.007376   -0.680382   -37.826133
0.57744  -12.497458   -86.995500   -0.617606
-0.007376   -0.421359   -16.157935
0.71830  -12.497458   -86.995500   -0.617606
-0.007376   -0.162290   -11.851639
0.85915  -12.497458   -86.995500   -0.617606
-0.007376   -0.120634    -9.101041
1.00000  -12.497458   -86.995500   -0.617606
-0.007376   -0.359310   -10.647220

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    8.018177   96.952192    0.640921
 0.004971    0.705818  192.567421
0.57744    8.018177   96.952192    0.640921
 0.004971    0.437044  155.557956
0.71830    8.018177   96.952192    0.640921
 0.004971    0.183075  128.059257
0.85915    8.018177   96.952192    0.640921
 0.004971    0.099518  114.890585
1.00000    8.018177   96.952192    0.640921
 0.004971    0.352065  124.426184

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -11.387195  -114.492234   -0.619251
-0.005512   -0.686833   -79.441173
0.57744  -11.387195  -114.492234   -0.619251
-0.005512   -0.427111   -40.623257
0.71830  -11.387195  -114.492234   -0.619251
-0.005512   -0.167361   -12.978219
0.85915  -11.387195  -114.492234   -0.619251
-0.005512   -0.115988    -9.433485
1.00000  -11.387195  -114.492234   -0.619251
-0.005512   -0.375380    -9.641457

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    9.615414   82.824703    0.727432
 0.004410    0.801484  165.862436
0.57744    9.615414   82.824703    0.727432
 0.004410    0.496424  134.158760
0.71830    9.615414   82.824703    0.727432
 0.004410    0.204005  110.381449
0.85915    9.615414   82.824703    0.727432
 0.004410    0.109378   98.505440
1.00000    9.615414   82.824703    0.727432
 0.004410    0.399179  105.577598

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -10.117718  -113.293660   -0.704974
-0.004577   -0.783517  -118.033160
0.57744  -10.117718  -113.293660   -0.704974
-0.004577   -0.487865   -78.441511
0.71830  -10.117718  -113.293660   -0.704974
-0.004577   -0.192136   -48.721065
0.85915  -10.117718  -113.293660   -0.704974
-0.004577   -0.126469   -38.974929
1.00000  -10.117718  -113.293660   -0.704974
-0.004577   -0.423839   -32.199556

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    5.809443    9.797460    0.160523
 0.005415    0.162440   55.081226
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2047

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.57744    5.809443    9.797460    0.160523
 0.005415    0.095169   54.893886
0.71830    5.809443    9.797460    0.160523
 0.005415    0.046041   55.982841
0.85915    5.809443    9.797460    0.160523
 0.005415    0.046324   94.505001
1.00000    5.809443    9.797460    0.160523
 0.005415    0.111504  134.372944

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -0.730603   -98.730740   -0.177087
-0.005474   -0.185714   -39.632202
0.57744   -0.730603   -98.730740   -0.177087
-0.005474   -0.111444   -10.555404
0.71830   -0.730603   -98.730740   -0.177087
-0.005474   -0.037377    -2.981597
0.85915   -0.730603   -98.730740   -0.177087
-0.005474   -0.042061    -2.318980
1.00000   -0.730603   -98.730740   -0.177087
-0.005474   -0.109257    -1.674130

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659   10.114177    9.585372    0.337737
 0.005451    0.360277   58.260667
0.57744   10.114177    9.585372    0.337737
 0.005451    0.218664   56.357095
0.71830   10.114177    9.585372    0.337737
 0.005451    0.094494   69.350610
0.85915   10.114177    9.585372    0.337737
 0.005451    0.059157   96.619683
1.00000   10.114177    9.585372    0.337737
 0.005451    0.181123  140.390609

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -1.288947  -134.016226   -0.310455
-0.005205   -0.339710   -97.967471
0.57744   -1.288947  -134.016226   -0.310455
-0.005205   -0.209526   -52.493571
0.71830   -1.288947  -134.016226   -0.310455
-0.005205   -0.079257   -20.639490
0.85915   -1.288947  -134.016226   -0.310455
-0.005205   -0.068884   -15.283662
1.00000   -1.288947  -134.016226   -0.310455
-0.005205   -0.208530   -11.016625

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    9.263301   84.777176    0.571410
 0.004099    0.627576  200.586341
0.57744    9.263301   84.777176    0.571410
 0.004099    0.387950  168.320855
0.71830    9.263301   84.777176    0.571410
 0.004099    0.160779  144.050785
0.85915    9.263301   84.777176    0.571410
 0.004099    0.086283  132.115946
1.00000    9.263301   84.777176    0.571410
 0.004099    0.307435  135.734124

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -8.954965  -114.943055   -0.540980
-0.004388   -0.600136   -94.601049
0.57744   -8.954965  -114.943055   -0.540980
-0.004388   -0.373256   -54.051361
0.71830   -8.954965  -114.943055   -0.540980
-0.004388   -0.146316   -23.983146
0.85915   -8.954965  -114.943055   -0.540980
-0.004388   -0.101171   -18.030183
1.00000   -8.954965  -114.943055   -0.540980
-0.004388   -0.332972   -12.921301
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2048

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659   10.635140   73.320896    0.676538
 0.003691    0.747597  174.614254
0.57744   10.635140   73.320896    0.676538
 0.003691    0.463877  146.614297
0.71830   10.635140   73.320896    0.676538
 0.003691    0.190496  125.293151
0.85915   10.635140   73.320896    0.676538
 0.003691    0.101088  114.288969
1.00000   10.635140   73.320896    0.676538
 0.003691    0.372898  116.222431

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -7.632887  -110.365340   -0.659421
-0.003656   -0.733370  -133.629223
0.57744   -7.632887  -110.365340   -0.659421
-0.003656   -0.456813   -93.819858
0.71830   -7.632887  -110.365340   -0.659421
-0.003656   -0.180185   -62.490214
0.85915   -7.632887  -110.365340   -0.659421
-0.003656   -0.111823   -51.466347
1.00000   -7.632887  -110.365340   -0.659421
-0.003656   -0.388999   -41.301067

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    4.644511    4.708282    0.322456
0.000400    0.360357   13.405241
0.57744    4.644511    4.708282    0.322456
0.000400    0.225118   11.437250
0.71830    4.644511    4.708282    0.322456
0.000400    0.089890    9.511300
0.85915    4.644511    4.708282    0.322456
0.000400    0.046178    7.618657
1.00000    4.644511    4.708282    0.322456
0.000400    0.185095    5.774704

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -0.146427   -21.306355   -0.331079
-1.03E-05   -0.370324   -86.116532
0.57744   -0.146427   -21.306355   -0.331079
-1.03E-05   -0.231470   -77.274287
0.71830   -0.146427   -21.306355   -0.331079
-1.03E-05   -0.092607   -68.496860
0.85915   -0.146427   -21.306355   -0.331079
-1.03E-05   -0.045311   -59.728426
1.00000   -0.146427   -21.306355   -0.331079
-1.03E-05   -0.180601   -50.984705

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    8.430507    6.516496    0.539433
0.000943    0.595201   18.800734
0.57744    8.430507    6.516496    0.539433
0.000943    0.369963   16.454253
0.71830    8.430507    6.516496    0.539433
0.000943    0.144039   14.605078
0.85915    8.430507    6.516496    0.539433
0.000943    0.074206   13.395165
1.00000    8.430507    6.516496    0.539433
0.000943    0.294134   12.881897

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -1.094625   -49.803948   -0.524952
-0.000238   -0.586521  -142.954555
0.57744   -1.094625   -49.803948   -0.524952
-0.000238   -0.366359  -123.035692
0.71830   -1.094625   -49.803948   -0.524952
-0.000238   -0.146174  -104.179884
0.85915   -1.094625   -49.803948   -0.524952
-0.000238   -0.083575   -85.583131
1.00000   -1.094625   -49.803948   -0.524952
-0.000238   -0.020948   -68.014183
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2049

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659   11.578114    7.000411    0.563773
 0.001326    0.630894   41.132448
0.57744   11.578114    7.000411    0.563773
 0.001326    0.394461   40.030191
0.71830   11.578114    7.000411    0.563773
 0.001326    0.159594   40.757678
0.85915   11.578114    7.000411    0.563773
 0.001326    0.077247   45.914683
1.00000   11.578114    7.000411    0.563773
 0.001326    0.302959   66.655322

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -0.740239  -101.067311   -0.539296
-0.000669   -0.601780  -165.912946
0.57744   -0.740239  -101.067311   -0.539296
-0.000669   -0.375623  -124.483828
0.71830   -0.740239  -101.067311   -0.539296
-0.000669   -0.149384   -86.786382
0.85915   -0.740239  -101.067311   -0.539296
-0.000669   -0.080161   -73.547036
1.00000   -0.740239  -101.067311   -0.539296
-0.000669   -0.315041   -61.038575

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659   11.963018   57.116892    0.662420
 0.004188    0.729278  154.524845
0.57744   11.963018   57.116892    0.662420
 0.004188    0.451484  133.556767
0.71830   11.963018   57.116892    0.662420
 0.004188    0.185899  120.297955
0.85915   11.963018   57.116892    0.662420
 0.004188    0.101449  118.750985
1.00000   11.963018   57.116892    0.662420
 0.004188    0.368235  129.852546

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -5.295934  -118.055980   -0.649724
-0.003933   -0.721751  -150.251407
0.57744   -5.295934  -118.055980   -0.649724
-0.003933   -0.449273  -108.338372
0.71830   -5.295934  -118.055980   -0.649724
-0.003933   -0.176726   -76.162909
0.85915   -5.295934  -118.055980   -0.649724
-0.003933   -0.109980   -64.032962
1.00000   -5.295934  -118.055980   -0.649724
-0.003933   -0.383547   -52.710766

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    0.448658   76.553444    0.939060
 0.000304    1.042513  103.970414
0.57744    0.448658   76.553444    0.939060
 0.000304    0.648583   72.138639
0.71830    0.448658   76.553444    0.939060
 0.000304    0.254436   40.657853
0.85915    0.448658   76.553444    0.939060
 0.000304    0.073056   10.645932
1.00000    0.448658   76.553444    0.939060
 0.000304    0.296808    3.719148

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -10.164308   -6.799090   -0.534630
-0.000873   -0.598720  -16.196897
0.57744  -10.164308   -6.799090   -0.534630
-0.000873   -0.374356  -13.625915
0.71830  -10.164308   -6.799090   -0.534630
-0.000873   -0.149646  -11.551468
0.85915  -10.164308   -6.799090   -0.534630
-0.000873   -0.142891  -10.753215
1.00000  -10.164308   -6.799090   -0.534630
-0.000873   -0.535236  -32.037809
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2050

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    5.638131  106.876420    1.206635
 0.006513    1.314745  208.432580
0.57744    5.638131  106.876420    1.206635
 0.006513    0.808716  169.212235
0.71830    5.638131  106.876420    1.206635
 0.006513    0.326767  142.569854
0.85915    5.638131  106.876420    1.206635
 0.006513    0.148714  131.734034
1.00000    5.638131  106.876420    1.206635
 0.006513    0.505385  135.757531

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -12.488990   -84.590004   -0.888152
-0.007233   -0.982232   -46.083053
0.57744  -12.488990   -84.590004   -0.888152
-0.007233   -0.609340   -20.592315
0.71830  -12.488990   -84.590004   -0.888152
-0.007233   -0.240802   -15.535351
0.85915  -12.488990   -84.590004   -0.888152
-0.007233   -0.209442   -12.405615
1.00000  -12.488990   -84.590004   -0.888152
-0.007233   -0.712683   -20.475694

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    8.207646   95.860560    1.280305
 0.005007    1.408583  194.377535
0.57744    8.207646   95.860560    1.280305
 0.005007    0.871687  160.272448
0.71830    8.207646   95.860560    1.280305
 0.005007    0.352721  136.982392
0.85915    8.207646   95.860560    1.280305
 0.005007    0.138774  122.251686
1.00000    8.207646   95.860560    1.280305
 0.005007    0.491546  144.444465

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -11.535330  -109.285452   -0.869360
-0.005526   -0.965775   -77.784060
0.57744  -11.535330  -109.285452   -0.869360
-0.005526   -0.601059   -40.753651
0.71830  -11.535330  -109.285452   -0.869360
-0.005526   -0.239786   -18.989990
0.85915  -11.535330  -109.285452   -0.869360
-0.005526   -0.207918   -12.610967
1.00000  -11.535330  -109.285452   -0.869360
-0.005526   -0.740613   -18.469145

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    9.558123   82.339572    1.425082
 0.004393    1.573330  168.624859
0.57744    9.558123   82.339572    1.425082
 0.004393    0.975665  139.174208
0.71830    9.558123   82.339572    1.425082
 0.004393    0.392986  118.738403
0.85915    9.558123   82.339572    1.425082
 0.004393    0.148287  113.684321
1.00000    9.558123   82.339572    1.425082
 0.004393    0.539686  122.684352

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659  -10.330841  -112.006769   -0.956660
-0.004589   -1.064268  -124.689665
0.57744  -10.330841  -112.006769   -0.956660
-0.004589   -0.662940   -85.229507
0.71830  -10.330841  -112.006769   -0.956660
-0.004589   -0.264536   -58.593146
0.85915  -10.330841  -112.006769   -0.956660
-0.004589   -0.223606   -45.137750
1.00000  -10.330841  -112.006769   -0.956660
-0.004589   -0.817915   -41.710369
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        2051

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    5.991507   10.450908    0.205186
 0.004531    0.213011   64.374386
0.57744    5.991507   10.450908    0.205186
 0.004531    0.127100   66.390539
0.71830    5.991507   10.450908    0.205186
 0.004531    0.057915   79.750405
0.85915    5.991507   10.450908    0.205186
 0.004531    0.063078  106.833576
1.00000    5.991507   10.450908    0.205186
 0.004531    0.178500  139.537237

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43659   -0.847126   -86.263456   -0.301539
-0.004589   -0.326629   -39.396165
0.57744   -0.847126   -86.263456   -0.301539
-0.004589   -0.199927   -12.287067
0.71830   -0.847126   -86.263456   -0.301539
-0.004589   -0.076728    -3.617431
0.85915   -0.847126   -86.263456   -0.301539
-0.004589   -0.046594    -2.795577
1.00000   -0.847126   -86.263456   -0.301539
-0.004589   -0.132027    -1.921138

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43659    9.527587   10.398218    0.552289
 0.004658    0.600986   64.327519
0.57744    9.527587   10.398218    0.552289
 0.004658    0.369237   66.424775
0.71830    9.527587   10.398218    0.552289
 0.004658    0.154300   79.536791
0.85915    9.527587   10.398218    0.552289
 0.004658    0.078027  111.465002
1.00000    9.527587   10.398218    0.552289
 0.004658    0.245486  150.635048

COMB DL-G2-2 ---------- MIN
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```
REL DIST          P          V2          V3
     T         M2         M3
0.43659   -1.624352 -120.770215   -0.425152
-0.004471   -0.468190   -91.350571
0.57744   -1.624352 -120.770215   -0.425152
-0.004471   -0.289677   -49.716705
0.71830   -1.624352 -120.770215   -0.425152
-0.004471   -0.115336   -23.227124
0.85915   -1.624352 -120.770215   -0.425152
-0.004471   -0.095363   -15.540113
1.00000   -1.624352 -120.770215   -0.425152
-0.004471   -0.324762   -10.632321

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659    8.757057   84.079674    1.048245
 0.003273    1.159844  208.417310
0.57744    8.757057   84.079674    1.048245
 0.003273    0.720092  178.312108
0.71830    8.757057   84.079674    1.048245
 0.003273    0.291252  156.341966
0.85915    8.757057   84.079674    1.048245
 0.003273    0.117038  149.002402
1.00000    8.757057   84.079674    1.048245
 0.003273    0.427648  148.395608

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -8.857499 -102.981325   -0.759426
-0.003531   -0.845691   -90.231176
0.57744   -8.857499 -102.981325   -0.759426
-0.003531   -0.526969   -53.729568
0.71830   -8.857499 -102.981325   -0.759426
-0.003531   -0.211060   -27.940050
0.85915   -8.857499 -102.981325   -0.759426
-0.003531   -0.162590   -19.629188
1.00000   -8.857499 -102.981325   -0.759426
-0.003531   -0.598836   -13.603653
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2052

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   10.290861   73.413355    1.208172
 0.002968    1.342872  183.102160
0.57744   10.290861   73.413355    1.208172
 0.002968    0.853911  156.624242
0.71830   10.290861   73.413355    1.208172
 0.002968    0.337937  136.908092
0.85915   10.290861   73.413355    1.208172
 0.002968    0.135292  129.517636
1.00000   10.290861   73.413355    1.208172
 0.002968    0.508663  127.758648

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -7.637305 -104.838554   -0.905351
-0.002950   -0.009477   -142.741641
0.57744   -7.637305 -104.838554   -0.905351
-0.002950   -0.629516 -104.501897
0.71830   -7.637305 -104.838554   -0.905351
-0.002950   -0.251870   -75.184964
0.85915   -7.637305 -104.838554   -0.905351
-0.002950   -0.179299   -60.337943
1.00000   -7.637305 -104.838554   -0.905351
-0.002950   -0.683531   -47.683787

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659    5.070875    5.908331    0.492591
 0.000348    0.554503   16.958586
0.57744    5.070875    5.908331    0.492591
 0.000348    0.347296   14.508118
0.71830    5.070875    5.908331    0.492591
 0.000348    0.140769   12.070062
0.85915    5.070875    5.908331    0.492591
 0.000348    0.000042    9.650927
1.00000    5.070875    5.908331    0.492591
 0.000348    0.255185    7.317596

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -0.237608   -27.638572   -0.456320
-7.86E-06   -0.510150 -107.811618
0.57744   -0.237608   -27.638572   -0.456320
-7.86E-06   -0.318708   -96.317046
0.71830   -0.237608   -27.638572   -0.456320
-7.86E-06   -0.127154   -84.852260
0.85915   -0.237608   -27.638572   -0.456320
-7.86E-06   -0.064465   -73.428704
1.00000   -0.237608   -27.638572   -0.456320
-7.86E-06   -0.271022   -62.084970

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659    8.394402    7.991768    0.925423
 0.000770    1.033493   23.202369
0.57744    8.394402    7.991768    0.925423
 0.000770    0.644480   20.107418
0.71830    8.394402    7.991768    0.925423
 0.000770    0.256867   17.318410
0.85915    8.394402    7.991768    0.925423
 0.000770    0.097197   15.125831
1.00000    8.394402    7.991768    0.925423
 0.000770    0.387236   14.184867

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -1.403901   -57.997195   -0.691372
-0.000165   -0.772410 -169.386962
0.57744   -1.403901   -57.997195   -0.691372
-0.000165   -0.482462 -145.666464
0.71830   -1.403901   -57.997195   -0.691372
-0.000165   -0.192612 -122.646378
0.85915   -1.403901   -57.997195   -0.691372
-0.000165   -0.129598 -100.608422
1.00000   -1.403901   -57.997195   -0.691372
-0.000165   -0.517129   -78.711090
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2053

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.154058    7.952336    0.907944
 0.000847    1.020482   44.583547
0.57744   11.154058    7.952336    0.907944
 0.000847    0.638849   44.608002
0.71830   11.154058    7.952336    0.907944
 0.000847    0.257581   47.264847
0.85915   11.154058    7.952336    0.907944
 0.000847    0.099412   59.575299
1.00000   11.154058    7.952336    0.907944
 0.000847    0.393165   78.101124

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -1.135861 -100.077247   -0.701298
-0.000300   -0.783839 -180.452978
0.57744   -1.135861 -100.077247   -0.701298
-0.000300   -0.489870 -141.485903
0.71830   -1.135861 -100.077247   -0.701298
-0.000300   -0.195774 -105.568142
0.85915   -1.135861 -100.077247   -0.701298
-0.000300   -0.121191   -87.880642
1.00000   -1.135861 -100.077247   -0.701298
-0.000300   -0.500662   -71.579880

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.705112   58.185827    1.106909
 0.003135    1.230691  166.718422
0.57744   11.705112   58.185827    1.106909
 0.003135    0.765838  146.870147
0.71830   11.705112   58.185827    1.106909
 0.003135    0.311132  134.271729
0.85915   11.705112   58.185827    1.106909
 0.003135    0.140171  134.215867
1.00000   11.705112   58.185827    1.106909
 0.003135    0.516226  139.800610

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659   -5.429965 -111.109085   -0.915907
-0.002947   -1.020077 -164.241506
0.57744   -5.429965 -111.109085   -0.915907
-0.002947   -0.635840 -123.713857
0.71830   -5.429965 -111.109085   -0.915907
-0.002947   -0.253490   -92.854403
0.85915   -5.429965 -111.109085   -0.915907
-0.002947   -0.163311   -76.822894
1.00000   -5.429965 -111.109085   -0.915907
-0.002947   -0.625317   -62.124086

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.963018  107.501505    0.727432
 0.006593    1.801484  202.087165
0.57744   11.963018  107.501505    0.727432
 0.006593    0.496424  168.320855
0.71830   11.963018  107.501505    0.727432
 0.006593    0.204005  144.050785
0.85915   11.963018  107.501505    0.727432
 0.006593    0.109378  132.115946
1.00000   11.963018  107.501505    0.727432
 0.006593    0.399179  140.390609

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659  -12.497458 -134.016226   -0.704974
-0.007376   -0.783517 -165.912946
0.57744  -12.497458 -134.016226   -0.704974
-0.007376   -0.487865 -124.483828
0.71830  -12.497458 -134.016226   -0.704974
-0.007376   -0.192136 -104.179884
0.85915  -12.497458 -134.016226   -0.704974
-0.007376   -0.126469   -85.583131
1.00000  -12.497458 -134.016226   -0.704974
-0.007376   -0.423839   -68.014183
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2054

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.705112  106.876420    1.425082
 0.006513    1.573330  208.432580
0.57744   11.705112  106.876420    1.425082
 0.006513    0.975665  178.312108
0.71830   11.705112  106.876420    1.425082
 0.006513    0.392986  156.341966
0.85915   11.705112  106.876420    1.425082
 0.006513    0.148714  149.002402
1.00000   11.705112  106.876420    1.425082
 0.006513    0.539686  150.635048

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659  -12.488990 -120.770215   -0.956660
-0.007233   -1.064268 -180.452978
0.57744  -12.488990 -120.770215   -0.956660
-0.007233   -0.662940 -145.666464
0.71830  -12.488990 -120.770215   -0.956660
-0.007233   -0.264536 -122.646378
0.85915  -12.488990 -120.770215   -0.956660
-0.007233   -0.223606 -100.608422
1.00000  -12.488990 -120.770215   -0.956660
-0.007233   -0.817915   -79.711090

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.963018  107.501505    1.425082
 0.006593    1.573330  208.432580
0.57744   11.963018  107.501505    1.425082
 0.006593    0.975665  178.312108
0.71830   11.963018  107.501505    1.425082
 0.006593    0.392986  156.341966
0.85915   11.963018  107.501505    1.425082
 0.006593    0.148714  149.002402
1.00000   11.963018  107.501505    1.425082
 0.006593    0.539686  150.635048

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659  -12.497458 -134.016226   -0.956660
-0.007376   -1.064268 -180.452978
0.57744  -12.497458 -134.016226   -0.956660
-0.007376   -0.662940 -145.666464
0.71830  -12.497458 -134.016226   -0.956660
-0.007376   -0.264536 -122.646378
0.85915  -12.497458 -134.016226   -0.956660
-0.007376   -0.223606 -100.608422
1.00000  -12.497458 -134.016226   -0.956660
-0.007376   -0.817915   -79.711090

COMB     DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43659   11.963018  107.501505    1.425082
 0.006593    1.573330  208.432580
0.57744   11.963018  107.501505    1.425082
 0.006593    0.975665  178.312108
0.71830   11.963018  107.501505    1.425082
 0.006593    0.392986  156.341966
0.85915   11.963018  107.501505    1.425082
 0.006593    0.148714  149.002402
1.00000   11.963018  107.501505    1.425082
 0.006593    0.539686  150.635048

COMB     DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43659  -12.497458 -134.016226   -0.956660
-0.007376   -1.064268 -180.452978
0.57744  -12.497458 -134.016226   -0.956660
-0.007376   -0.662940 -145.666464
0.71830  -12.497458 -134.016226   -0.956660
-0.007376   -0.264536 -122.646378
0.85915  -12.497458 -134.016226   -0.956660
-0.007376   -0.223606 -100.608422
1.00000  -12.497458 -134.016226   -0.956660
-0.007376   -0.817915   -79.711090
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2055

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    179 ================== LENGTH
=    2.977665

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.348830   75.369070    0.419820
 0.000201    0.237511    2.887429
0.14085    0.348830   75.369070    0.419820
 0.000201    0.061363    3.394504
0.28171    0.348830   75.369070    0.419820
 0.000201    0.112992    3.926609
0.42256    0.348830   75.369070    0.419820
 0.000201    0.286185    5.254501
0.56342    0.348830   75.369070    0.419820
 0.000201    0.459546    7.540940

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -9.823552   -5.790772   -0.413337
-0.000937   -0.233913   -23.282390
0.14085   -9.823552   -5.790772   -0.413337
-0.000937   -0.060484   -54.551739
0.28171   -9.823552   -5.790772   -0.413337
-0.000937   -0.114663   -86.064011
0.42256   -9.823552   -5.790772   -0.413337
-0.000937   -0.290728 -117.587100
0.56342   -9.823552   -5.790772   -0.413337
-0.000937   -0.466808 -149.144152

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    2.151768  172.466341    0.608085
 0.006380    0.168537  124.605257
0.14085    2.151768  172.466341    0.608085
 0.006380    0.115002   99.079693
0.28171    2.151768  172.466341    0.608085
 0.006380    0.161870   74.133558
0.42256    2.151768  172.466341    0.608085
 0.006380    0.409611   68.557414
0.56342    2.151768  172.466341    0.608085
 0.006380    0.658631   76.085545

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -16.594279  -26.648763   -0.593706
-0.007384   -0.355069   -10.687261
0.14085  -16.594279  -26.648763   -0.593706
-0.007384   -0.112529   -50.300403
0.28171  -16.594279  -26.648763   -0.593706
-0.007384   -0.165110   -90.333119
0.42256  -16.594279  -26.648763   -0.593706
-0.007384   -0.397086  -132.407736
0.56342  -16.594279  -26.648763   -0.593706
-0.007384   -0.652095  -195.889085

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    6.316293  140.997387    0.690163
 0.004531    0.408187  124.632690
0.14085    6.316293  140.997387    0.690163
 0.004531    0.119382  130.525772
0.28171    6.316293  140.997387    0.690163
 0.004531    0.167482  136.418650
0.42256    6.316293  140.997387    0.690163
 0.004531    0.424659  155.965578
0.56342    6.316293  140.997387    0.690163
 0.004531    0.681773  184.401826

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -14.139619  -73.930489   -0.613075
-0.005389   -0.358801    -9.675082
0.14085  -14.139619  -73.930489   -0.613075
-0.005389   -0.106044   -56.267984
0.28171  -14.139619  -73.930489   -0.613075
-0.005389   -0.187048   -83.166168
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2056

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.42256  -14.139619  -73.930489   -0.613075
-0.005389   -0.460815 -121.354499
0.56342  -14.139619  -73.930489   -0.613075
-0.005389   -0.750259 -174.078464

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.242404  119.375958    0.762832
 0.004114    0.445942  105.754810
0.14085    8.242404  119.375958    0.762832
 0.004114    0.126508  110.184646
0.28171    8.242404  119.375958    0.762832
 0.004114    0.192417  117.047407
0.42256    8.242404  119.375958    0.762832
 0.004114    0.487429  136.032480
0.56342    8.242404  119.375958    0.762832
 0.004114    0.782361  165.488185

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -12.401035   -79.863405   -0.703234
-0.004627   -0.407418   -32.242662
0.14085  -12.401035   -79.863405   -0.703234
-0.004627   -0.115967   -55.823706
0.28171  -12.401035   -79.863405   -0.703234
-0.004627   -0.207464   -80.399399
0.42256  -12.401035   -79.863405   -0.703234
-0.004627   -0.514388  -107.058439
0.56342  -12.401035   -79.863405   -0.703234
-0.004627   -0.834319  -147.052947

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    3.651857   64.776287    0.180934
 0.005104    0.123646  134.653710
0.14085    3.651857   64.776287    0.180934
 0.005104    0.048778  126.336716
0.28171    3.651857   64.776287    0.180934
 0.005104    0.037414  118.291763
0.42256    3.651857   64.776287    0.180934
 0.005104    0.097130  125.243826
0.56342    3.651857   64.776287    0.180934
 0.005104    0.156839  142.786088

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -4.214821  -48.543262   -0.142329
-0.005219   -0.096793   -1.668168
0.14085   -4.214821  -48.543262   -0.142329
-0.005219   -0.042590   -1.070889
0.28171   -4.214821  -48.543262   -0.142329
-0.005219   -0.048188   -0.720398
0.42256   -4.214821  -48.543262   -0.142329
-0.005219   -0.104771   -2.010543
0.56342   -4.214821  -48.543262   -0.142329
-0.005219   -0.180632   -21.225082

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.181610   60.754331    0.365479
 0.004974    0.226789  140.634753
0.14085    8.181610   60.754331    0.365479
 0.004974    0.074338  146.642049
0.28171    8.181610   60.754331    0.365479
 0.004974    0.078951  155.909801
0.42256    8.181610   60.754331    0.365479
 0.004974    0.199756  179.621509
0.56342    8.181610   60.754331    0.365479
 0.004974    0.320481  213.809849

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -4.510276   -87.759838   -0.287892
-0.005123   -0.176281   -11.016381
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2057

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.14085   -4.510276   -87.759838   -0.287892
-0.005123   -0.060425    -6.847804
0.28171   -4.510276   -87.759838   -0.287892
-0.005123   -0.098455    -3.962321
0.42256   -4.510276   -87.759838   -0.287892
-0.005123   -0.233775    -3.940781
0.56342   -4.510276   -87.759838   -0.287892
-0.005123   -0.387044   -21.975144

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    7.925703  120.336434    0.607624
 0.003826    0.358203  135.864957
0.14085    7.925703  120.336434    0.607624
 0.003826    0.103912  126.946821
0.28171    7.925703  120.336434    0.607624
 0.003826    0.146445  138.404407
0.42256    7.925703  120.336434    0.607624
 0.003826    0.370945  162.527024
0.56342    7.925703  120.336434    0.607624
 0.003826    0.595389  194.733301

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -11.176062  -82.396223   -0.535153
-0.004466   -0.312161   -12.913992
0.14085  -11.176062  -82.396223   -0.535153
-0.004466   -0.149144   -15.153314
0.28171  -11.176062  -82.396223   -0.535153
-0.004466   -0.164676   -44.803563
0.42256  -11.176062  -82.396223   -0.535153
-0.004466   -0.406819   -76.755263
0.56342  -11.176062  -82.396223   -0.535153
-0.004466   -0.661654  -121.777582

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    9.553080  103.119111    0.713368
 0.003627    0.415480  116.336870
0.14085    9.553080  103.119111    0.713368
 0.003627    0.116706  107.780882
0.28171    9.553080  103.119111    0.713368
 0.003627    0.180489  115.733268
0.42256    9.553080  103.119111    0.713368
 0.003627    0.457051  134.707703
0.56342    9.553080  103.119111    0.713368
 0.003627    0.733520  162.433946

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -9.494264   -83.185916   -0.659218
-0.003720   -0.380587   -41.308362
0.14085   -9.494264   -83.185916   -0.659218
-0.003720   -0.106883   -37.261508
0.28171   -9.494264   -83.185916   -0.659218
-0.003720   -0.193955   -55.845077
0.42256   -9.494264   -83.185916   -0.659218
-0.003720   -0.482516   -76.139269
0.56342   -9.494264   -83.185916   -0.659218
-0.003720   -0.781704  -107.135213

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    4.700578    4.788471    0.328505
 0.000684    0.185637    5.781957
0.14085    4.700578    4.788471    0.328505
 0.000684    0.047803    4.056248
0.28171    4.700578    4.788471    0.328505
 0.000684    0.092921    2.551913
0.42256    4.700578    4.788471    0.328505
 0.000684    0.235206    1.463186
0.56342    4.700578    4.788471    0.328505
 0.000684    0.377483    1.878532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2058

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.146848  -21.373813   -0.339227
-1.76E-05   -0.191645   -51.004820
0.14085   -0.146848  -21.373813   -0.339227
-1.76E-05   -0.049293   -42.432981
0.28171   -0.146848  -21.373813   -0.339227
-1.76E-05   -0.090155   -33.972283
0.42256   -0.146848  -21.373813   -0.339227
-1.76E-05   -0.227838   -25.552352
0.56342   -0.146848  -21.373813   -0.339227
-1.76E-05   -0.365530   -17.168766

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.453186    8.645226    0.520373
 0.001385    0.294584   12.901169
0.14085    8.453186    8.645226    0.520373
 0.001385    0.076363   13.454188
0.28171    8.453186    8.645226    0.520373
 0.001385    0.146646   18.962672
0.42256    8.453186    8.645226    0.520373
 0.001385    0.370712   26.190352
0.56342    8.453186    8.645226    0.520373
 0.001385    0.594759   36.190604

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -1.221900  -48.383364   -0.534193
-0.000443   -0.301988   -68.049217
0.14085   -1.221900  -48.383364   -0.534193
-0.000443   -0.077993   -53.382162
0.28171   -1.221900  -48.383364   -0.534193
-0.000443   -0.144138   -40.112648
0.42256   -1.221900  -48.383364   -0.534193
-0.000443   -0.360195   -28.612871
0.56342   -1.221900  -48.383364   -0.534193
-0.000443   -0.578458   -19.542653
```

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.634351	10.372499	0.600729
0.001203	0.341596	66.645673	
0.14085	11.634351	10.372499	0.600729
0.001203	0.089568	91.358702	
0.28171	11.634351	10.372499	0.600729
0.001203	0.149852	118.900078	
0.42256	11.634351	10.372499	0.600729
0.001203	0.377975	148.256823	
0.56342	11.634351	10.372499	0.600729
0.001203	0.606070	180.230493	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.928500	-98.925695	-0.543834
-0.000552	-0.307218	-61.061238	
0.14085	-0.928500	-98.925695	-0.543834
-0.000552	-0.079198	-48.553371	
0.28171	-0.928500	-98.925695	-0.543834
-0.000552	-0.163516	-36.966561	
0.42256	-0.928500	-98.925695	-0.543834
-0.000552	-0.414312	-26.661026	
0.56342	-0.928500	-98.925695	-0.543834
-0.000552	-0.666270	-18.640819	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.667905	92.547268	0.696470
0.004239	0.407982	130.007959	
0.14085	10.667905	92.547268	0.696470
0.004239	0.116577	118.396691	
0.28171	10.667905	92.547268	0.696470
0.004239	0.176944	121.694233	
0.42256	10.667905	92.547268	0.696470
0.004239	0.448122	137.413722	
0.56342	10.667905	92.547268	0.696470
0.004239	0.719234	162.442489	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2059

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.514647	-85.806500	-0.646446
-0.004042	-0.374931	-52.723636	
0.14085	-7.514647	-85.806500	-0.646446
-0.004042	-0.107079	-41.450973	
0.28171	-7.514647	-85.806500	-0.646446
-0.004042	-0.189304	-46.268208	
0.42256	-7.514647	-85.806500	-0.646446
-0.004042	-0.468634	-57.853509	
0.56342	-7.514647	-85.806500	-0.646446
-0.004042	-0.760930	-82.070881	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.449156	76.224044	0.896471
0.000190	0.496764	3.714769	
0.14085	0.449156	76.224044	0.896471
0.000190	0.120567	4.060789	
0.28171	0.449156	76.224044	0.896471
0.000190	0.150271	4.406809	
0.42256	0.449156	76.224044	0.896471
0.000190	0.383300	5.891825	
0.56342	0.449156	76.224044	0.896471
0.000190	0.616146	8.489978	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.126033	-6.797689	-0.554629
-0.000833	-0.313044	-32.070223	
0.14085	-10.126033	-6.797689	-0.554629
-0.000833	-0.081432	-62.093525	
0.28171	-10.126033	-6.797689	-0.554629
-0.000833	-0.254832	-92.128689	
0.42256	-10.126033	-6.797689	-0.554629
-0.000833	-0.630986	-122.849583	
0.56342	-10.126033	-6.797689	-0.554629
-0.000833	-1.007056	-154.506850	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.557751	169.210735	1.176695
0.006368	0.685285	135.791008	
0.14085	2.557751	169.210735	1.176695
0.006368	0.192433	109.359077	
0.28171	2.557751	169.210735	1.176695
0.006368	0.241320	83.278550	
0.42256	2.557751	169.210735	1.176695
0.006368	0.604018	75.319004	
0.56342	2.557751	169.210735	1.176695
0.006368	0.970914	81.897440	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.338517	-25.755714	-0.876195
-0.007291	-0.522992	-20.508676	
0.14085	-16.338517	-25.755714	-0.876195
-0.007291	-0.158790	-56.741952	
0.28171	-16.338517	-25.755714	-0.876195
-0.007291	-0.327558	-93.394868	
0.42256	-16.338517	-25.755714	-0.876195
-0.007291	-0.796091	-133.105148	
0.56342	-16.338517	-25.755714	-0.876195
-0.007291	-1.289479	-200.127761	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.090606	139.992575	1.277883
0.004710	0.734323	144.435774	
0.14085	6.090606	139.992575	1.277883
0.004710	0.199321	145.685500	
0.28171	6.090606	139.992575	1.277883
0.004710	0.241537	147.280893	
0.42256	6.090606	139.992575	1.277883
0.004710	0.605713	161.995783	
0.56342	6.090606	139.992575	1.277883
0.004710	0.973299	187.303288	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2060

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.236188	-67.878147	-0.877625
-0.005495	-0.516313	-18.496599	
0.14085	-14.236188	-67.878147	-0.877625
-0.005495	-0.150334	-51.893070	
0.28171	-14.236188	-67.878147	-0.877625
-0.005495	-0.355375	-85.575104	
0.42256	-14.236188	-67.878147	-0.877625
-0.005495	-0.873001	-121.562832	
0.56342	-14.236188	-67.878147	-0.877625
-0.005495	-1.409019	-177.139614	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.833094	118.974781	1.425699
0.004293	0.814488	122.684055	
0.14085	7.833094	118.974781	1.425699
0.004293	0.217591	123.180538	
0.28171	7.833094	118.974781	1.425699
0.004293	0.266454	126.236168	
0.42256	7.833094	118.974781	1.425699
0.004293	0.669461	141.131098	
0.56342	7.833094	118.974781	1.425699
0.004293	1.075320	168.773086	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.568179	-77.795491	-0.968676
-0.004687	-0.564105	-41.752433	
0.14085	-12.568179	-77.795491	-0.968676
-0.004687	-0.159460	-61.571738	
0.28171	-12.568179	-77.795491	-0.968676
-0.004687	-0.395667	-82.947345	
0.42256	-12.568179	-77.795491	-0.968676
-0.004687	-0.978011	-106.944019	
0.56342	-12.568179	-77.795491	-0.968676
-0.004687	-1.576105	-150.508341	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.885247	54.527646	0.232903
0.004305	0.154203	139.542022	
0.14085	3.885247	54.527646	0.232903
0.004305	0.056913	134.099247	
0.28171	3.885247	54.527646	0.232903
0.004305	0.077327	128.872709	
0.42256	3.885247	54.527646	0.232903
0.004305	0.185005	135.369755	
0.56342	3.885247	54.527646	0.232903
0.004305	0.296329	151.416446	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.578977	-45.426644	-0.266392
-0.004425	-0.168506	-1.911463	
0.14085	-3.578977	-45.426644	-0.266392
-0.004425	-0.060133	-1.188760	
0.28171	-3.578977	-45.426644	-0.266392
-0.004425	-0.059652	-0.774585	
0.42256	-3.578977	-45.426644	-0.266392
-0.004425	-0.139904	-1.925765	
0.56342	-3.578977	-45.426644	-0.266392
-0.004425	-0.237255	-21.618294	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.564113	52.454135	0.583433
0.004291	0.349102	150.623065	
0.14085	7.564113	52.454135	0.583433
0.004291	0.105191	157.364038	
0.28171	7.564113	52.454135	0.583433
0.004291	0.116977	167.575554	
0.42256	7.564113	52.454135	0.583433
0.004291	0.286322	189.595158	
0.56342	7.564113	52.454135	0.583433
0.004291	0.459332	221.116476	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2061

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.209847	-81.993239	-0.414196
-0.004452	-0.253113	-10.631754	
0.14085	-4.209847	-81.993239	-0.414196
-0.004452	-0.081239	-6.302917	
0.28171	-4.209847	-81.993239	-0.414196
-0.004452	-0.157183	-4.139055	
0.42256	-4.209847	-81.993239	-0.414196
-0.004452	-0.536483	-11.028354	
0.56342	-4.209847	-81.993239	-0.414196
-0.004452	-0.629179	-22.720308	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.513463	110.744162	1.062703
0.003052	0.608742	148.333649	
0.14085	7.513463	110.744162	1.062703
0.003052	0.163292	136.325603	
0.28171	7.513463	110.744162	1.062703
0.003052	0.212459	147.387175	
0.42256	7.513463	110.744162	1.062703
0.003052	0.533007	170.908190	
0.56342	7.513463	110.744162	1.062703
0.003052	0.856430	201.145103	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.479328	-77.989265	-0.771630
-0.003654	-0.448323	-13.593212	
0.14085	-10.479328	-77.989265	-0.771630
-0.003654	-0.126430	-13.731308	
0.28171	-10.479328	-77.989265	-0.771630
-0.003654	-0.293176	-40.204187	
0.42256	-10.479328	-77.989265	-0.771630
-0.003654	-0.727395	-70.560721	
0.56342	-10.479328	-77.989265	-0.771630
-0.003654	-1.173473	-114.282919	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.282679	95.790378	1.242028
0.002931	0.708620	127.714715	
0.14085	9.282679	95.790378	1.242028
0.002931	0.188503	116.258865	
0.28171	9.282679	95.790378	1.242028
0.002931	0.253765	123.871185	
0.42256	9.282679	95.790378	1.242028
0.002931	0.638769	141.321470	
0.56342	9.282679	95.790378	1.242028
0.002931	1.026060	167.307797	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00001	-8.994156	-83.965254	-0.923695
-0.003117	-0.532147	-47.693333	
0.14085	-8.994156	-83.965254	-0.923695
-0.003117	-0.146110	-40.036393	
0.28171	-8.994156	-83.965254	-0.923695
-0.003117	-0.340689	-53.898365	
0.42256	-8.994156	-83.965254	-0.923695
-0.003117	-0.852484	-71.227336	
0.56342	-8.994156	-83.965254	-0.923695
-0.003117	-1.373649	-101.228409	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.122706	5.960136	0.531730
0.000609	0.302001	7.327358	
0.14085	5.122706	5.960136	0.531730
0.000609	0.079003	5.176351	
0.28171	5.122706	5.960136	0.531730
0.000609	0.128549	3.166555	
0.42256	5.122706	5.960136	0.531730
0.000609	0.326248	1.676269	
0.56342	5.122706	5.960136	0.531730
0.000609	0.523849	2.150796	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2062

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232658	-27.751259	-0.470940
-1.28E-05	-0.266081	-62.112181	
0.14085	-0.232658	-27.751259	-0.470940
-1.28E-05	-0.068337	-50.834417	
0.28171	-0.232658	-27.751259	-0.470940
-1.28E-05	-0.142666	-39.676169	
0.42256	-0.232658	-27.751259	-0.470940
-1.28E-05	-0.365701	-28.926014	
0.56342	-0.232658	-27.751259	-0.470940
-1.28E-05	-0.589249	-19.671888	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.418278	9.313116	0.947710
0.001158	0.535331	14.196699	
0.14085	8.418278	9.313116	0.947710
0.001158	0.179400	14.999210	
0.28171	8.418278	9.313116	0.947710
0.001158	0.194603	20.943407	
0.42256	8.418278	9.313116	0.947710
0.001158	0.491997	28.856244	
0.56342	8.418278	9.313116	0.947710
0.001158	0.789595	39.731967	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.466747	-57.184256	-0.709379
-0.000328	-0.400968	-79.757543	
0.14085	-1.466747	-57.184256	-0.709379
-0.000328	-0.103479	-61.334964	
0.28171	-1.466747	-57.184256	-0.709379
-0.000328	-0.259083	-45.961219	
0.42256	-1.466747	-57.184256	-0.709379
-0.000328	-0.655024	-31.894728	
0.56342	-1.466747	-57.184256	-0.709379
-0.000328	-1.052763	-21.655993	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.314539	7.997405	0.971269
0.000805	0.549848	78.070062	
0.14085	11.314539	7.997405	0.971269
0.000805	0.142290	100.966030	
0.28171	11.314539	7.997405	0.971269
0.000805	0.198851	127.420011	
0.42256	11.314539	7.997405	0.971269
0.000805	0.502725	155.251895	
0.56342	11.314539	7.997405	0.971269
0.000805	0.806375	185.404294	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.105725	-100.898822	-0.724208
-0.000217	-0.409066	-71.609873	
0.14085	-1.105725	-100.898822	-0.724208
-0.000217	-0.105595	-55.794149	
0.28171	-1.105725	-100.898822	-0.724208
-0.000217	-0.611623	-42.100388	
0.42256	-1.105725	-100.898822	-0.724208
-0.000217	-0.669910	-29.490002	
0.56342	-1.105725	-100.898822	-0.724208
-0.000217	-1.077847	-19.538571	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.611523	82.602827	1.157696
0.003237	0.665179	139.771404	
0.14085	10.611523	82.602827	1.157696
0.003237	0.179792	126.796468	
0.28171	10.611523	82.602827	1.157696
0.003237	0.255670	131.755659	
0.42256	10.611523	82.602827	1.157696
0.003237	0.643718	147.290182	
0.56342	10.611523	82.602827	1.157696
0.003237	1.033523	171.301402	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2063

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.913266	-88.463541	-0.930053
-0.003071	-0.536672	-62.142121	
0.14085	-6.913266	-88.463541	-0.930053
-0.003071	-0.147787	-47.932077	
0.28171	-6.913266	-88.463541	-0.930053
-0.003071	-0.314353	-47.977273	
0.42256	-6.913266	-88.463541	-0.930053
-0.003071	-0.790141	-55.746287	
0.56342	-6.913266	-88.463541	-0.930053
-0.003071	-1.275835	-77.103044	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.634351	172.466341	0.762832
0.006380	0.445942	140.634753	
0.14085	11.634351	172.466341	0.762832
0.006380	0.126508	146.642049	
0.28171	11.634351	172.466341	0.762832
0.006380	0.192417	155.909801	
0.42256	11.634351	172.466341	0.762832
0.006380	0.487429	179.621509	
0.56342	11.634351	172.466341	0.762832
0.006380	0.782361	213.809849	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.594279	-98.925695	-0.703234
-0.007384	-0.407418	-68.049217	
0.14085	-16.594279	-98.925695	-0.703234
-0.007384	-0.115967	-55.823706	
0.28171	-16.594279	-98.925695	-0.703234
-0.007384	-0.207464	-90.333119	
0.42256	-16.594279	-98.925695	-0.703234
-0.007384	-0.514388	-132.407736	
0.56342	-16.594279	-98.925695	-0.703234
-0.007384	-0.834319	-195.889085	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.314539	169.210735	1.425699
0.006368	0.814488	150.623065	
0.14085	11.314539	169.210735	1.425699
0.006368	0.217591	157.364038	
0.28171	11.314539	169.210735	1.425699
0.006368	0.266454	167.575554	
0.42256	11.314539	169.210735	1.425699
0.006368	0.669461	189.595158	
0.56342	11.314539	169.210735	1.425699
0.006368	1.075320	221.116476	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.338517	-100.898822	-0.968676
-0.007291	-0.564105	-79.757543	
0.14085	-16.338517	-100.898822	-0.968676
-0.007291	-0.159460	-62.093525	
0.28171	-16.338517	-100.898822	-0.968676
-0.007291	-0.395667	-93.394868	
0.42256	-16.338517	-100.898822	-0.968676
-0.007291	-0.978011	-133.105148	
0.56342	-16.338517	-100.898822	-0.968676
-0.007291	-1.576105	-200.127761	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.634351	172.466341	1.425699
0.006380	0.814488	150.623065	
0.14085	11.634351	172.466341	1.425699
0.006380	0.217591	157.364038	
0.28171	11.634351	172.466341	1.425699
0.006380	0.266454	167.575554	
0.42256	11.634351	172.466341	1.425699
0.006380	0.669461	189.595158	
0.56342	11.634351	172.466341	1.425699
0.006380	1.075320	221.116476	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2064

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.594279	-100.898822	-0.968676
-0.007384	-0.564105	-79.757543	
0.14085	-16.594279	-100.898822	-0.968676
-0.007384	-0.159460	-62.093525	
0.28171	-16.594279	-100.898822	-0.968676
-0.007384	-0.395667	-93.394868	
0.42256	-16.594279	-100.898822	-0.968676
-0.007384	-0.978011	-133.105148	
0.56342	-16.594279	-100.898822	-0.968676
-0.007384	-1.576105	-200.127761	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.634351	172.466341	1.425699
0.006380	0.814488	150.623065	
0.14085	11.634351	172.466341	1.425699
0.006380	0.217591	157.364038	
0.28171	11.634351	172.466341	1.425699
0.006380	0.266454	167.575554	
0.42256	11.634351	172.466341	1.425699
0.006380	0.669461	189.595158	
0.56342	11.634351	172.466341	1.425699
0.006380	1.075320	221.116476	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.594279	-100.898822	-0.968676
-0.007384	-0.564105	-79.757543	
0.14085	-16.594279	-100.898822	-0.968676
-0.007384	-0.159460	-62.093525	
0.28171	-16.594279	-100.898822	-0.968676
-0.007384	-0.395667	-93.394868	
0.42256	-16.594279	-100.898822	-0.968676
-0.007384	-0.978011	-133.105148	
0.56342	-16.594279	-100.898822	-0.968676
-0.007384	-1.576105	-200.127761	

ELEM 180 ========== LENGTH = 2.977216

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.686266	69.754717	0.498409
1.47E-05	0.548703	94.258552	
0.57749	0.686266	69.754717	0.498409
1.47E-05	0.339720	65.061382	
0.71832	0.686266	69.754717	0.498409
1.47E-05	0.130758	35.936698	
0.85916	0.686266	69.754717	0.498409
1.47E-05	0.055020	7.144507	
1.00000	0.686266	69.754717	0.498409
1.47E-05	0.220340	2.982276	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.261837	-9.791571	-0.394321
-0.001279	-0.441021	-20.292223	
0.57749	-9.261837	-9.791571	-0.394321
-0.001279	-0.275682	-16.313918	
0.71832	-9.261837	-9.791571	-0.394321
-0.001279	-0.110336	-12.711425	
0.85916	-9.261837	-9.791571	-0.394321
-0.001279	-0.078244	-9.329016	
1.00000	-9.261837	-9.791571	-0.394321
-0.001279	-0.287239	-24.027551	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.335427	99.980695	0.784107
0.006204	0.843384	185.514428	
0.57749	5.335427	99.980695	0.784107
0.006204	0.516762	145.647939	
0.71832	5.335427	99.980695	0.784107
0.006204	0.206412	120.093470	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2065

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	5.335427	99.980695	0.784107
0.006204	0.103096	112.043613	
1.00000	5.335427	99.980695	0.784107
0.006204	0.331613	120.200219	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.728408	-92.586104	-0.580438
-0.007723	-0.641907	-50.201686	
0.57749	-11.728408	-92.586104	-0.580438
-0.007723	-0.399715	-24.798241	
0.71832	-11.728408	-92.586104	-0.580438
-0.007723	-0.159030	-17.834141	
0.85916	-11.728408	-92.586104	-0.580438
-0.007723	-0.144829	-13.015839	
1.00000	-11.728408	-92.586104	-0.580438
-0.007723	-0.472041	-12.580700	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.489090	90.616645	0.930629
0.004678	1.019164	179.142730	
0.57749	8.489090	90.616645	0.930629
0.004678	0.630416	143.418074	
0.71832	8.489090	90.616645	0.930629
0.004678	0.252789	118.177877	
0.85916	8.489090	90.616645	0.930629
0.004678	0.098594	106.588642	
1.00000	8.489090	90.616645	0.930629
0.004678	0.341121	118.210574	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.753232	-118.534541	-0.602455
-0.005715	-0.669372	-93.015074	
0.57749	-10.753232	-118.534541	-0.602455
-0.005715	-0.417563	-52.032186	
0.71832	-10.753232	-118.534541	-0.602455
-0.005715	-0.166655	-22.092834	
0.85916	-10.753232	-118.534541	-0.602455
-0.005715	-0.152944	-13.161639	
1.00000	-10.753232	-118.534541	-0.602455
-0.005715	-0.542037	-12.182401	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.792747	79.245514	0.974663
0.004297	1.072557	158.070001	
0.57749	9.792747	79.245514	0.974663
0.004297	0.665096	126.744864	
0.71832	9.792747	79.245514	0.974663
0.004297	0.260200	104.133538	
0.85916	9.792747	79.245514	0.974663
0.004297	0.109257	92.903310	
1.00000	9.792747	79.245514	0.974663
0.004297	0.392501	101.080767	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.460638	-114.065951	-0.695261
-0.004747	-0.773635	-123.784732	
0.57749	-9.460638	-114.065951	-0.695261
-0.004747	-0.562779	-83.399113	
0.71832	-9.460638	-114.065951	-0.695261
-0.004747	-0.192665	-52.621087	
0.85916	-9.460638	-114.065951	-0.695261
-0.004747	-0.156857	-39.712876	
1.00000	-9.460638	-114.065951	-0.695261
-0.004747	-0.562939	-33.062543	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.960731	9.333726	0.292537
0.005381	0.308617	51.976917	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2066
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.57749	5.960731	9.333726	0.292537
0.005381	0.187760	50.525972	
0.71832	5.960731	9.333726	0.292537
0.005381	0.080580	61.663195	
0.85916	5.960731	9.333726	0.292537
0.005381	0.041028	89.617060	
1.00000	5.960731	9.333726	0.292537
0.005381	0.088358	128.907088	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.685027	-99.699585	-0.142570
-0.005451	-0.151310	-44.979765	
0.57749	-0.685027	-99.699585	-0.142570
-0.005451	-0.093710	-14.639862	
0.71832	-0.685027	-99.699585	-0.142570
-0.005451	-0.037377	-3.483628	
0.85916	-0.685027	-99.699585	-0.142570
-0.005451	-0.060803	-2.730905	
1.00000	-0.685027	-99.699585	-0.142570
-0.005451	-0.182251	-2.069762	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.158920	10.262744	0.546011
0.005530	0.596598	58.022437	
0.57749	10.158920	10.262744	0.546011
0.005530	0.369334	56.298322	
0.71832	10.158920	10.262744	0.546011
0.005530	0.154878	66.546489	
0.85916	10.158920	10.262744	0.546011
0.005530	0.052215	92.394367	
1.00000	10.158920	10.262744	0.546011
0.005530	0.173992	133.372678	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.162821	-132.994266	-0.301317
-0.005104	-0.331427	-102.482758	
0.57749	-1.162821	-132.994266	-0.301317
-0.005104	-0.206007	-56.861399	
0.71832	-1.162821	-132.994266	-0.301317
-0.005104	-0.081637	-24.382084	
0.85916	-1.162821	-132.994266	-0.301317
-0.005104	-0.094765	-15.694947	
1.00000	-1.162821	-132.994266	-0.301317
-0.005104	-0.320202	-12.275428	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.156911	81.127174	0.840190
0.004067	0.925326	190.939981	
0.57749	9.156911	81.127174	0.840190
0.004067	0.574221	159.043488	
0.71832	9.156911	81.127174	0.840190
0.004067	0.232261	135.837801	
0.85916	9.156911	81.127174	0.840190
0.004067	0.085959	124.399050	
1.00000	9.156911	81.127174	0.840190
0.004067	0.299939	127.317512	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.402404	-116.658132	-0.529848
-0.004469	-0.588735	-103.890274	
0.57749	-8.402404	-116.658132	-0.529848
-0.004469	-0.367720	-62.236434	
0.71832	-8.402404	-116.658132	-0.529848
-0.004469	-0.146403	-30.266762	
0.85916	-8.402404	-116.658132	-0.529848
-0.004469	-0.135371	-20.377240	
1.00000	-8.402404	-116.658132	-0.529848
-0.004469	-0.484731	-14.990234	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2067
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.253782	72.211769	0.910607
0.003814	1.006087	170.916852	
0.57749	10.253782	72.211769	0.910607
0.003814	0.625263	142.401933	
0.71832	10.253782	72.211769	0.910607
0.003814	0.252059	121.174402	
0.85916	10.253782	72.211769	0.910607
0.003814	0.101490	109.752865	
1.00000	10.253782	72.211769	0.910607
0.003814	0.369177	110.260812	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.228553	-108.866852	-0.654557
-0.003739	-0.728681	-133.366567	
0.57749	-7.228553	-108.866852	-0.654557
-0.003739	-0.454757	-93.843995	
0.71832	-7.228553	-108.866852	-0.654557
-0.003739	-0.181398	-62.340744	
0.85916	-7.228553	-108.866852	-0.654557
-0.003739	-0.142076	-49.155702	
1.00000	-7.228553	-108.866852	-0.654557
-0.003739	-0.521827	-40.047543	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.129348	7.847279	0.336018
0.000646	0.375643	20.776611	
0.57749	4.129348	7.847279	0.336018
0.000646	0.234755	17.519265	
0.71832	4.129348	7.847279	0.336018
0.000646	0.093876	14.283180	
0.85916	4.129348	7.847279	0.336018
0.000646	0.047246	11.081426	
1.00000	4.129348	7.847279	0.336018
0.000646	0.188981	7.929640	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.355982	-16.481398	-0.337891
-6.98E-06	-0.377733	-71.989112	
0.57749	-0.355982	-16.481398	-0.337891
-6.98E-06	-0.236056	-65.272681	
0.71832	-0.355982	-16.481398	-0.337891
-6.98E-06	-0.094373	-58.522384	
0.85916	-0.355982	-16.481398	-0.337891
-6.98E-06	-0.047173	-51.827725	
1.00000	-0.355982	-16.481398	-0.337891
-6.98E-06	-0.188012	-45.156890	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	7.756704	11.267396	0.568191
0.001312	0.636307	29.175580	
0.57749	7.756704	11.267396	0.568191
0.001312	0.398156	24.833077	
0.71832	7.756704	11.267396	0.568191
0.001312	0.160627	20.995348	
0.85916	7.756704	11.267396	0.568191
0.001312	0.075911	17.822157	
1.00000	7.756704	11.267396	0.568191
0.001312	0.300203	15.180446	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.094255	-42.692036	-0.535766
-0.000202	-0.598369	-125.354299	
0.57749	-1.094255	-42.692036	-0.535766
-0.000202	-0.373762	-108.422628	
0.71832	-1.094255	-42.692036	-0.535766
-0.000202	-0.149204	-92.601638	
0.85916	-1.094255	-42.692036	-0.535766
-0.000202	-0.082999	-77.013100	
1.00000	-1.094255	-42.692036	-0.535766
-0.000202	-0.317642	-62.284607	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2068
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.038029	11.117312	0.733794
0.001662	0.823836	50.042557	
0.57749	11.038029	11.117312	0.733794
0.001662	0.516264	46.755357	
0.71832	11.038029	11.117312	0.733794
0.001662	0.209667	45.182976	
0.85916	11.038029	11.117312	0.733794
0.001662	0.079227	47.474542	
1.00000	11.038029	11.117312	0.733794
0.001662	0.309920	64.045824	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.908568	-94.692414	-0.551802
-0.000536	-0.615591	-154.768392	
0.57749	-0.908568	-94.692414	-0.551802
-0.000536	-0.384281	-111.024998	
0.71832	-0.908568	-94.692414	-0.551802
-0.000536	-0.152995	-79.548207	
0.85916	-0.908568	-94.692414	-0.551802
-0.000536	-0.101947	-65.763324	
1.00000	-0.908568	-94.692414	-0.551802
-0.000536	-0.407598	-56.315736	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.425588	58.070366	0.880907
0.004456	1.072877	154.988162	
0.57749	11.425588	58.070366	0.880907
0.004456	0.604686	132.526298	
0.71832	11.425588	58.070366	0.880907
0.004456	0.245473	118.538667	
0.85916	11.425588	58.070366	0.880907
0.004456	0.102082	115.634811	
1.00000	11.425588	58.070366	0.880907
0.004456	0.364900	124.616570	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.174948	-114.605030	-0.645963
-0.003953	-0.718586	-144.556730	
0.57749	-5.174948	-114.605030	-0.645963
-0.003953	-0.448366	-103.741500	
0.71832	-5.174948	-114.605030	-0.645963
-0.003953	-0.178877	-72.221012	
0.85916	-5.174948	-114.605030	-0.645963
-0.003953	-0.138335	-58.787030	
1.00000	-5.174948	-114.605030	-0.645963
-0.003953	-0.505312	-49.359136	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.704094	68.252540	1.058143
1.04E-05	1.173814	90.396691	
0.57749	0.704094	68.252540	1.058143
1.04E-05	0.730100	62.212998	
0.71832	0.704094	68.252540	1.058143
1.04E-05	0.286269	34.402301	
0.85916	0.704094	68.252540	1.058143
1.04E-05	0.071032	8.022505	
1.00000	0.704094	68.252540	1.058143
1.04E-05	0.286064	3.893332	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.035913	-11.871554	-0.514809
-0.001221	-0.575659	-27.892520	
0.57749	-9.035913	-11.871554	-0.514809
-0.001221	-0.359469	-23.337753	
0.71832	-9.035913	-11.871554	-0.514809
-0.001221	-0.143646	-19.250633	
0.85916	-9.035913	-11.871554	-0.514809
-0.001221	-0.156759	-16.451396	
1.00000	-9.035913	-11.871554	-0.514809
-0.001221	-0.600583	-34.348502	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2069
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.736941	96.434783	1.425953
0.006180	1.558227	184.915109	
0.57749	5.736941	96.434783	1.425953
0.006180	0.966213	149.510746	
0.71832	5.736941	96.434783	1.425953
0.006180	0.384963	127.028285	
0.85916	5.736941	96.434783	1.425953
0.006180	0.143947	121.062662	
1.00000	5.736941	96.434783	1.425953
0.006180	0.481681	130.606541	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.181998	-91.971729	-0.846699
-0.007637	-0.936354	-63.049280	
0.57749	-11.181998	-91.971729	-0.846699
-0.007637	-0.581951	-32.593962	
0.71832	-11.181998	-91.971729	-0.846699
-0.007637	-0.229872	-24.342236	
0.85916	-11.181998	-91.971729	-0.846699
-0.007637	-0.236643	-18.777503	
1.00000	-11.181998	-91.971729	-0.846699
-0.007637	-0.833677	-24.462504	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.368646	87.361760	1.649620
0.004755	1.817871	174.588504	
0.57749	8.368646	87.361760	1.649620
0.004755	1.130459	143.040443	
0.71832	8.368646	87.361760	1.649620
0.004755	0.451811	122.160275	
0.85916	8.368646	87.361760	1.649620
0.004755	0.141025	119.975173	
1.00000	8.368646	87.361760	1.649620
0.004755	0.496677	135.963557	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.291991	-114.408568	-0.876802
-0.005828	-0.972093	-94.611697	
0.57749	-10.291991	-114.408568	-0.876802
-0.005828	-0.604679	-53.613170	
0.71832	-10.291991	-114.408568	-0.876802
-0.005828	-0.239671	-29.061189	
0.85916	-10.291991	-114.408568	-0.876802
-0.005828	-0.256995	-18.416526	
1.00000	-10.291991	-114.408568	-0.876802
-0.005828	-0.947235	-22.785470	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.437120	77.261220	1.828067
0.004338	2.022143	156.172411	
0.57749	9.437120	77.261220	1.828067
0.004338	1.259091	128.037383	
0.71832	9.437120	77.261220	1.828067
0.004338	0.503461	108.790857	
0.85916	9.437120	77.261220	1.828067
0.004338	0.154723	105.083055	
1.00000	9.437120	77.261220	1.828067
0.004338	0.562108	116.471483	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.109194	-112.667491	-0.995038
-0.004842	-1.105195	-130.702734	
0.57749	-9.109194	-112.667491	-0.995038
-0.004842	-0.688188	-89.455700	
0.71832	-9.109194	-112.667491	-0.995038
-0.004842	-0.273052	-62.037329	
0.85916	-9.109194	-112.667491	-0.995038
-0.004842	-0.265093	-46.617093	
1.00000	-9.109194	-112.667491	-0.995038
-0.004842	-1.042822	-43.540325	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2070
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.796165	9.698972	0.341322
0.004497	0.364579	57.541829	
0.57749	5.796165	9.698972	0.341322
0.004497	0.225648	58.966509	
0.71832	5.796165	9.698972	0.341322
0.004497	0.094533	71.573233	
0.85916	5.796165	9.698972	0.341322
0.004497	0.062228	98.960178	
1.00000	5.796165	9.698972	0.341322
0.004497	0.171709	131.932396	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.746469	-87.739155	-0.290009
-0.004579	-0.314673	-45.076332	
0.57749	-0.746469	-87.739155	-0.290009
-0.004579	-0.193802	-15.605582	
0.71832	-0.746469	-87.739155	-0.290009
-0.004579	-0.074599	-4.392066	
0.85916	-0.746469	-87.739155	-0.290009
-0.004579	-0.066279	-3.429761	
1.00000	-0.746469	-87.739155	-0.290009
-0.004579	-0.208314	-2.447698	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.362973	11.195582	0.858725
0.004734	0.943012	60.953077	
0.57749	9.362973	11.195582	0.858725
0.004734	0.587292	61.560490	
0.71832	9.362973	11.195582	0.858725
0.004734	0.239871	72.803168	
0.85916	9.362973	11.195582	0.858725
0.004734	0.085280	103.140060	
1.00000	9.362973	11.195582	0.858725
0.004734	0.273204	141.171745	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.272292	-119.272978	-0.472960
-0.004416	-0.520103	-95.156442	
0.57749	-1.272292	-119.272978	-0.472960
-0.004416	-0.322372	-52.228371	
0.71832	-1.272292	-119.272978	-0.472960
-0.004416	-0.125660	-25.444954	
0.85916	-1.272292	-119.272978	-0.472960
-0.004416	-0.138775	-15.827941	
1.00000	-1.272292	-119.272978	-0.472960
-0.004416	-0.496893	-11.909327	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.500578	79.067913	1.417877
0.003243	1.570738	192.863401	
0.57749	8.500578	79.067913	1.417877
0.003243	0.979038	163.937609	
0.71832	8.500578	79.067913	1.417877
0.003243	0.392974	142.691076	
0.85916	8.500578	79.067913	1.417877
0.003243	0.122323	136.326308	
1.00000	8.500578	79.067913	1.417877
0.003243	0.443538	137.079280	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.891123	-104.952849	-0.784473
-0.003708	-0.870925	-100.177605	
0.57749	-7.891123	-104.952849	-0.784473
-0.003708	-0.541951	-61.430070	
0.71832	-7.891123	-104.952849	-0.784473
-0.003708	-0.214222	-33.952274	
0.85916	-7.891123	-104.952849	-0.784473
-0.003708	-0.213713	-22.433639	
1.00000	-7.891123	-104.952849	-0.784473
-0.003708	-0.806804	-15.943220	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2071
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.681136	71.645523	1.621761
0.003121	1.802833	175.647311	
0.57749	9.681136	71.645523	1.621761
0.003121	1.124919	149.117772	
0.71832	9.681136	71.645523	1.621761
0.003121	0.451772	128.994393	
0.85916	9.681136	71.645523	1.621761
0.003121	0.145277	121.350591	
1.00000	9.681136	71.645523	1.621761
0.003121	0.543070	119.694114	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.889117	-102.152280	-0.963351
-0.003104	-1.071680	-139.796905	
0.57749	-6.889117	-102.152280	-0.963351
-0.003104	-0.667610	-101.484984	
0.71832	-6.889117	-102.152280	-0.963351
-0.003104	-0.264591	-72.553322	
0.85916	-6.889117	-102.152280	-0.963351
-0.003104	-0.236566	-56.821914	
1.00000	-6.889117	-102.152280	-0.963351
-0.003104	-0.915868	-45.554305	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.211445	9.904465	0.648597
0.000643	0.729181	26.456027	
0.57749	4.211445	9.904465	0.648597
0.000643	0.456998	22.336497	
0.71832	4.211445	9.904465	0.648597
0.000643	0.184701	18.233582	
0.85916	4.211445	9.904465	0.648597
0.000643	0.071283	14.152376	
1.00000	4.211445	9.904465	0.648597
0.000643	0.287318	10.127276	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.426330	-20.635361	-0.513343
-4.11E-06	-0.573527	-88.268091	
0.57749	-0.426330	-20.635361	-0.513343
-4.11E-06	-0.358245	-79.725531	
0.71832	-0.426330	-20.635361	-0.513343
-4.11E-06	-0.143040	-71.218501	
0.85916	-0.426330	-20.635361	-0.513343
-4.11E-06	-0.086044	-62.753923	
1.00000	-0.426330	-20.635361	-0.513343
-4.11E-06	-0.357618	-54.385311	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	7.395484	13.949949	1.191441
0.001209	1.335273	36.315405	
0.57749	7.395484	13.949949	1.191441
0.001209	0.835798	30.782337	
0.71832	7.395484	13.949949	1.191441
0.001209	0.336385	25.568027	
0.85916	7.395484	13.949949	1.191441
0.001209	0.110439	20.850451	
1.00000	7.395484	13.949949	1.191441
0.001209	0.438774	17.057928	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.228580	-47.699437	-0.782420
-0.000130	-0.877537	-144.781296	
0.57749	-1.228580	-47.699437	-0.782420
-0.000130	-0.545320	-125.379585	
0.71832	-1.228580	-47.699437	-0.782420
-0.000130	-0.217520	-106.735000	
0.85916	-1.228580	-47.699437	-0.782420
-0.000130	-0.164889	-89.056891	
1.00000	-1.228580	-47.699437	-0.782420
-0.000130	-0.663278	-72.264114	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2072
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.303707	13.280480	1.314510
0.001238	1.475109	53.790316	
0.57749	10.303707	13.280480	1.314510
0.001238	0.923885	50.892800	
0.71832	10.303707	13.280480	1.314510
0.001238	0.373448	50.759343	
0.85916	10.303707	13.280480	1.314510
0.001238	0.115631	59.024867	
1.00000	10.303707	13.280480	1.314510
0.001238	0.457356	74.384885	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.100059	-90.738978	-0.812854
-0.000217	-0.906201	-162.123105	
0.57749	-1.100059	-90.738978	-0.812854
-0.000217	-0.565157	-126.455467	
0.71832	-1.100059	-90.738978	-0.812854
-0.000217	-0.224586	-93.346950	
0.85916	-1.100059	-90.738978	-0.812854
-0.000217	-0.178201	-77.174022	
1.00000	-1.100059	-90.738978	-0.812854
-0.000217	-0.728598	-65.041467	

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43665 10.768288 59.208621 1.523897
0.003447 1.696086 164.565659
0.57749 10.768288 59.208621 1.523897
0.003447 1.059419 143.479599
0.71832 10.768288 59.208621 1.523897
0.003447 0.427616 129.342104
0.85916 10.768288 59.208621 1.523897
0.003447 0.150657 128.041303
1.00000 10.768288 59.208621 1.523897
0.003447 0.559332 132.615782

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43665 -5.017611 -105.760612 -0.990233
-0.003000 -1.101771 -154.002223
0.57749 -5.017611 -105.760612 -0.990233
-0.003000 -0.685692 -114.452506
0.71832 -5.017611 -105.760612 -0.990233
-0.003000 -0.271811 -85.077563
0.85916 -5.017611 -105.760612 -0.990233
-0.003000 -0.221250 -69.491820
1.00000 -5.017611 -105.760612 -0.990233
-0.003000 -0.859404 -57.432592

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43665 11.425588 99.980695 0.974663
0.006204 1.072557 190.939981
0.57749 11.425588 99.980695 0.974663
0.006204 0.665096 159.043488
0.71832 11.425588 99.980695 0.974663
0.006204 0.266920 135.837801
0.85916 11.425588 99.980695 0.974663
0.006204 0.109257 124.399050
1.00000 11.425588 99.980695 0.974663
0.006204 0.392501 133.372678

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43665 -11.728408 -132.994266 -0.695261
-0.007723 -0.773635 -154.768392
0.57749 -11.728408 -132.994266 -0.695261
-0.007723 -0.482779 -116.024998
0.71832 -11.728408 -132.994266 -0.695261
-0.007723 -0.192665 -92.601638
0.85916 -11.728408 -132.994266 -0.695261
-0.007723 -0.156857 -77.151100
1.00000 -11.728408 -132.994266 -0.695261
-0.007723 -0.562939 -62.284607
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2073

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43665 10.768288 96.434783 1.828067
0.006180 1.259091 192.863401
0.57749 10.768288 96.434783 1.828067
0.006180 1.259091 163.937609
0.71832 10.768288 96.434783 1.828067
0.006180 0.503461 142.691076
0.85916 10.768288 96.434783 1.828067
0.006180 0.154723 136.326308
1.00000 10.768288 96.434783 1.828067
0.006180 0.562108 141.171745

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43665 -11.181998 -119.272978 -0.995038
-0.007637 -1.105195 -162.123105
0.57749 -11.181998 -119.272978 -0.995038
-0.007637 -0.688188 -126.455467
0.71832 -11.181998 -119.272978 -0.995038
-0.007637 -0.273052 -106.735000
0.85916 -11.181998 -119.272978 -0.995038
-0.007637 -0.277244 -89.056891
1.00000 -11.181998 -119.272978 -0.995038
-0.007637 -1.042822 -72.264114

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43665 11.425588 99.980695 1.828067
0.006204 2.022143 192.863401
0.57749 11.425588 99.980695 1.828067
0.006204 1.259091 163.937609
0.71832 11.425588 99.980695 1.828067
0.006204 0.503461 142.691076
0.85916 11.425588 99.980695 1.828067
0.006204 0.154723 136.326308
1.00000 11.425588 99.980695 1.828067
0.006204 0.562108 141.171745

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43665 -11.728408 -132.994266 -0.995038
-0.007723 -1.105195 -162.123105
0.57749 -11.728408 -132.994266 -0.995038
-0.007723 -0.688188 -126.455467
0.71832 -11.728408 -132.994266 -0.995038
-0.007723 -0.273052 -106.735000
0.85916 -11.728408 -132.994266 -0.995038
-0.007723 -0.277244 -89.056891
1.00000 -11.728408 -132.994266 -0.995038
-0.007723 -1.042822 -72.264114

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43665 11.425588 99.980695 1.828067
0.006204 2.022143 192.863401
0.57749 11.425588 99.980695 1.828067
0.006204 1.259091 163.937609
0.71832 11.425588 99.980695 1.828067
0.006204 0.503461 142.691076
0.85916 11.425588 99.980695 1.828067
0.006204 0.154723 136.326308
1.00000 11.425588 99.980695 1.828067
0.006204 0.562108 141.171745

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43665 -11.728408 -132.994266 -0.995038
-0.007723 -1.105195 -162.123105
0.57749 -11.728408 -132.994266 -0.995038
-0.007723 -0.688188 -126.455467
0.71832 -11.728408 -132.994266 -0.995038
-0.007723 -0.273052 -106.735000
0.85916 -11.728408 -132.994266 -0.995038
-0.007723 -0.277244 -89.056891
1.00000 -11.728408 -132.994266 -0.995038
-0.007723 -1.042822 -72.264114
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2074

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 181 ========== LENGTH = 2.978174

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.693374 69.237443 0.418745
7.24E-06 0.236723 2.978961
0.14087 0.693374 69.237443 0.418745
7.24E-06 0.060954 3.404477
0.28175 0.693374 69.237443 0.418745
7.24E-06 0.110951 5.086265
0.42262 0.693374 69.237443 0.418745
7.24E-06 0.280848 8.851746
0.56349 0.693374 69.237443 0.418745
7.24E-06 0.450792 12.828630

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.213134 -9.722521 -0.405068
-0.001260 -0.228992 -24.060697
0.14087 -9.213134 -9.722521 -0.405068
-0.001260 -0.059004 -52.631192
0.28175 -9.213134 -9.722521 -0.405068
-0.001260 -0.124938 -81.586874
0.42262 -9.213134 -9.722521 -0.405068
-0.001260 -0.296932 -110.557740
0.56349 -9.213134 -9.722521 -0.405068
-0.001260 -0.469019 -139.562850

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.424426 164.442288 0.686035
0.006047 0.410772 120.583046
0.14087 2.424426 164.442288 0.686035
0.006047 0.124795 95.861467
0.28175 2.424426 164.442288 0.686035
0.006047 0.158225 73.406316
0.42262 2.424426 164.442288 0.686035
0.006047 0.400374 70.566243
0.56349 2.424426 164.442288 0.686035
0.006047 0.642781 81.314487

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.769380 -31.873342 -0.577798
-0.007828 -0.337223 -12.616162
0.14087 -15.769380 -31.873342 -0.577798
-0.007828 -0.106675 -49.070638
0.28175 -15.769380 -31.873342 -0.577798
-0.007828 -0.260478 -86.245528
0.42262 -15.769380 -31.873342 -0.577798
-0.007828 -0.468559 -125.989225
0.56349 -15.769380 -31.873342 -0.577798
-0.007828 -0.754228 -186.826536

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.598710 134.299753 0.868002
0.004235 0.505080 118.440103
0.14087 6.598710 134.299753 0.868002
0.004235 0.142656 123.564556
0.28175 6.598710 134.299753 0.868002
0.004235 0.166352 131.751042
0.42262 6.598710 134.299753 0.868002
0.004235 0.420408 153.266476
0.56349 6.598710 134.299753 0.868002
0.004235 0.674365 184.026251

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.471670 -77.753507 -0.605302
-0.005752 -0.348550 -12.211307
0.14087 -13.471670 -77.753507 -0.605302
-0.005752 -0.102663 -46.514198
0.28175 -13.471670 -77.753507 -0.605302
-0.005752 -0.250134 -81.280163
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2075

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42262 -13.471670 -77.753507 -0.605302
-0.005752 -0.600780 -117.733025
0.56349 -13.471670 -77.753507 -0.605302
-0.005752 -0.963474 -168.501561

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.257819 115.520601 0.930622
0.003991 0.537842 101.278091
0.14087 8.257819 115.520601 0.930622
0.003991 0.148845 104.631447
0.28175 8.257819 115.520601 0.930622
0.003991 0.192509 112.512362
0.42262 8.257819 115.520601 0.930622
0.003991 0.486303 132.886478
0.56349 8.257819 115.520601 0.930622
0.003991 0.780020 162.668444

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.718974 -80.469825 -0.700084
-0.004815 -0.400717 -33.009646
0.14087 -11.718974 -80.469825 -0.700084
-0.004815 -0.113647 -55.827355
0.28175 -11.718974 -80.469825 -0.700084
-0.004815 -0.265374 -79.332715
0.42262 -11.718974 -80.469825 -0.700084
-0.004815 -0.544599 -105.094620
0.56349 -11.718974 -80.469825 -0.700084
-0.004815 -1.033816 -144.889582

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.564131 63.953418 0.306452
0.005056 0.192722 129.214992
0.14087 3.564131 63.953418 0.306452
0.005056 0.065234 121.287805
0.28175 3.564131 63.953418 0.306452
0.005056 0.035402 113.484989
0.42262 3.564131 63.953418 0.306452
0.005056 0.089863 121.056666
0.56349 3.564131 63.953418 0.306452
0.005056 0.144282 139.720515

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.116568 -49.257353 -0.129775
-0.005260 -0.082149 -2.061923
0.14087 -4.116568 -49.257353 -0.129775
-0.005260 -0.037662 -1.495883
0.28175 -4.116568 -49.257353 -0.129775
-0.005260 -0.082877 -1.983516
0.42262 -4.116568 -49.257353 -0.129775
-0.005260 -0.195049 -3.386843
0.56349 -4.116568 -49.257353 -0.129775
-0.005260 -0.321819 -23.013797

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.997033 61.104258 0.586218
0.004978 0.349235 133.644079
0.14087 7.997033 61.104258 0.586218
0.004978 0.104318 138.988545
0.28175 7.997033 61.104258 0.586218
0.004978 0.080576 147.815985
0.42262 7.997033 61.104258 0.586218
0.004978 0.202628 171.216666
0.56349 7.997033 61.104258 0.586218
0.004978 0.324598 205.342496

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.344553 -86.539302 -0.290719
-0.005089 -0.171380 -12.271808
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2076

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14087 -4.344553 -86.539302 -0.290719
-0.005089 -0.058710 -8.908935
0.28175 -4.344553 -86.539302 -0.290719
-0.005089 -0.159882 -6.504442
0.42262 -4.344553 -86.539302 -0.290719
-0.005089 -0.390516 -8.018160
0.56349 -4.344553 -86.539302 -0.290719
-0.005089 -0.634784 -27.160628

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.661816 116.409474 0.816705
0.003578 0.465708 127.470638
0.14087 7.661816 116.409474 0.816705
0.003578 0.129401 130.756610
0.28175 7.661816 116.409474 0.816705
0.003578 0.146122 132.605784
0.42262 7.661816 116.409474 0.816705
0.003578 0.368989 157.726410
0.56349 7.661816 116.409474 0.816705
0.003578 0.591782 190.990907

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.596517 -83.952690 -0.531000
-0.004652 -0.305080 -14.977664
0.14087 -10.596517 -83.952690 -0.531000
-0.004652 -0.088751 -17.715528
0.28175 -10.596517 -83.952690 -0.531000
-0.004652 -0.232006 -45.948144
0.42262 -10.596517 -83.952690 -0.531000
-0.004652 -0.563619 -77.357322
0.56349 -10.596517 -83.952690 -0.531000
-0.004652 -0.905067 -121.502999

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.033592 101.805104 0.893582
0.003583 0.508347 110.395254
0.14087 9.033592 101.805104 0.893582
0.003583 0.138734 102.459843
0.28175 9.033592 101.805104 0.893582
0.003583 0.181265 110.655785
0.42262 9.033592 101.805104 0.893582
0.003583 0.465719 130.860894
0.56349 9.033592 101.805104 0.893582
0.003583 0.734574 158.784169

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.074036 -81.541317 -0.659262
-0.003885 -0.376589 -40.048549
0.14087 -9.074036 -81.541317 -0.659262
-0.003885 -0.105353 -37.705526
0.28175 -9.074036 -81.541317 -0.659262
-0.003885 -0.251838 -56.492355
0.42262 -9.074036 -81.541317 -0.659262
-0.003885 -0.617513 -77.615553
0.56349 -9.074036 -81.541317 -0.659262
-0.003885 -0.991408 -109.208254

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.175008 7.969880 0.342947
0.000957 0.193686 7.938723
0.14087 4.175008 7.969880 0.342947
0.000957 0.049740 4.950475
0.28175 4.175008 7.969880 0.342947
0.000957 0.094546 2.480815
0.42262 4.175008 7.969880 0.342947
0.000957 0.239107 1.417541
0.56349 4.175008 7.969880 0.342947
0.000957 0.383660 2.082920
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2077

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.349271 -16.564670 -0.344551
-1.44E-05 -0.194565 -45.174093
0.14087 -0.349271 -16.564670 -0.344551
-1.44E-05 -0.049929 -38.689068
0.28175 -0.349271 -16.564670 -0.344551
-1.44E-05 -0.094091 -32.340487
0.42262 -0.349271 -16.564670 -0.344551
-1.44E-05 -0.237962 -26.011213
0.56349 -0.349271 -16.564670 -0.344551
-1.44E-05 -0.381839 -19.741174

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.754456 13.450178 0.592704
0.001769 0.335445 15.204158
0.14087 7.754456 13.450178 0.592704
0.001769 0.086805 13.238448
0.28175 7.754456 13.450178 0.592704
0.001769 0.149402 16.950928
0.42262 7.754456 13.450178 0.592704
0.001769 0.377257 23.572058
0.56349 7.754456 13.450178 0.592704
0.001769 0.605119 32.800701

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.211293 -41.303335 -0.543124
-0.000329 -0.306650 -62.311687
0.14087 -1.211293 -41.303335 -0.543124
-0.000329 -0.079035 -50.700621
0.28175 -1.211293 -41.303335 -0.543124
-0.000329 -0.162614 -39.802228
0.42262 -1.211293 -41.303335 -0.543124
-0.000329 -0.410649 -31.440967
0.56349 -1.211293 -41.303335 -0.543124
-0.000329 -0.659244 -25.325793

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.059770 14.516551 0.778623
0.001531 0.440417 64.042457
0.14087 11.059770 14.516551 0.778623
0.001531 0.113755 86.605833
0.28175 11.059770 14.516551 0.778623
0.001531 0.153108 112.561596
0.42262 11.059770 14.516551 0.778623
0.001531 0.385836 141.503452
0.56349 11.059770 14.516551 0.778623
0.001531 0.618502 172.937281

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.088353 -92.606557 -0.554625
-0.000494 -0.312797 -56.332997
0.14087 -1.088353 -92.606557 -0.554625
-0.000494 -0.080473 -46.844359
0.28175 -1.088353 -92.606557 -0.554625
-0.000494 -0.214063 -37.840187
0.42262 -1.088353 -92.606557 -0.554625
-0.000494 -0.539708 -30.644664
0.56349 -1.088353 -92.606557 -0.554625
-0.000494 -0.866264 -25.592052

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.958009 93.282281 0.886029
0.004354 0.508937 124.793908
0.14087 9.958009 93.282281 0.886029
0.004354 0.139521 113.061643
0.28175 9.958009 93.282281 0.886029
0.004354 0.178528 115.998105
0.42262 9.958009 93.282281 0.886029
0.004354 0.450902 131.977706
0.56349 9.958009 93.282281 0.886029
0.004354 0.723215 158.405355
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2078

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.360741 -82.216815 -0.649044
-0.004135 -0.371711 -49.365627
0.14087 -7.360741 -82.216815 -0.649044
-0.004135 -0.105807 -40.003025
0.28175 -7.360741 -82.216815 -0.649044
-0.004135 -0.246735 -47.003334
0.42262 -7.360741 -82.216815 -0.649044
-0.004135 -0.607642 -60.562023
0.56349 -7.360741 -82.216815 -0.649044
-0.004135 -0.978145 -86.451768

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.711047 67.840021 0.983902
4.29E-06 0.546854 3.887970
0.14087 0.711047 67.840021 0.983902
4.29E-06 0.133804 4.090234
0.28175 0.711047 67.840021 0.983902
4.29E-06 0.144428 5.644779
0.42262 0.711047 67.840021 0.983902
4.29E-06 0.367853 10.122395
0.56349 0.711047 67.840021 0.983902
4.29E-06 0.590967 14.805742

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.002639 -11.818623 -0.531571
-0.001231 -0.299646 -34.373345
0.14087 -9.002639 -11.818623 -0.531571
-0.001231 -0.077198 -59.251271
0.28175 -9.002639 -11.818623 -0.531571
-0.001231 -0.281824 -84.887099
0.42262 -9.002639 -11.818623 -0.531571
-0.001231 -0.693723 -112.769300
0.56349 -9.002639 -11.818623 -0.531571
-0.001231 -1.105369 -140.915623

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.493281 158.415155 1.356505
0.006089 0.785213 130.647440
0.14087 2.493281 158.415155 1.356505
0.006089 0.217549 104.839630
0.28175 2.493281 158.415155 1.356505
0.006089 0.229735 81.495080
0.42262 2.493281 158.415155 1.356505
0.006089 0.575637 78.003132
0.56349 2.493281 158.415155 1.356505
0.006089 0.923492 88.004393

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.002560 -32.850364 -0.831538
-0.007842 -0.488627 -24.484079
0.14087 -15.002560 -32.850364 -0.831538
-0.007842 -0.148716 -54.654675
0.28175 -15.002560 -32.850364 -0.831538
-0.007842 -0.381520 -86.576522
0.42262 -15.002560 -32.850364 -0.831538
-0.007842 -0.932474 -123.827219
0.56349 -15.002560 -32.850364 -0.831538
-0.007842 -1.496212 -186.744195

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.125951 131.260476 1.597607
0.004458 0.911288 135.964002
0.14087 6.125951 131.260476 1.597607
0.004458 0.243296 136.928915
0.28175 6.125951 131.260476 1.597607
0.004458 0.239696 140.265716
0.42262 6.125951 131.260476 1.597607
0.004458 0.600944 158.222520
0.56349 6.125951 131.260476 1.597607
0.004458 0.964279 185.873551
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2079

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.976507 -72.843838 -0.867318
-0.005951 -0.502690 -22.801596
0.14087 -12.976507 -72.843838 -0.867318
-0.005951 -0.145045 -51.208394
0.28175 -12.976507 -72.843838 -0.867318
-0.005951 -0.449650 -81.028251
0.42262 -12.976507 -72.843838 -0.867318
-0.005951 -1.106114 -115.068933
0.56349 -12.976507 -72.843838 -0.867318
-0.005951 -1.772405 -167.388882

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.600037 113.735357 1.793274
0.004220 1.018712 116.480572
0.14087 7.600037 113.735357 1.793274
0.004220 0.268074 115.815747
0.28175 7.600037 113.735357 1.793274
0.004220 0.273211 119.450863
0.42262 7.600037 113.735357 1.793274
0.004220 0.686453 136.999202
0.56349 7.600037 113.735357 1.793274
0.004220 1.101370 164.294328

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.334926	-78.355092	-0.990224
-0.004977	-0.569766	-43.570077	
0.14087	-11.334926	-78.355092	-0.990224
-0.004977	-0.159515	-60.754364	
0.28175	-11.334926	-78.355092	-0.990224
-0.004977	-0.501994	-80.285661	
0.42262	-11.334926	-78.355092	-0.990224
-0.004977	-1.243054	-104.835191	
0.56349	-11.334926	-78.355092	-0.990224
-0.004977	-1.992230	-145.981505	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.562692	53.590368	0.361100
0.004266	0.224269	131.940775	
0.14087	3.562692	53.590368	0.361100
0.004266	0.073436	127.171509	
0.28175	3.562692	53.590368	0.361100
0.004266	0.078348	122.806009	
0.42262	3.562692	53.590368	0.361100
0.004266	0.177257	130.421704	
0.56349	3.562692	53.590368	0.361100
0.004266	0.282569	147.351787	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.450145	-46.743253	-0.252982
-0.004476	-0.154945	-2.433004	
0.14087	-3.450145	-46.743253	-0.252982
-0.004476	-0.055434	-1.591439	
0.28175	-3.450145	-46.743253	-0.252982
-0.004476	-0.096343	-1.285405	
0.42262	-3.450145	-46.743253	-0.252982
-0.004476	-0.234872	-3.109237	
0.56349	-3.450145	-46.743253	-0.252982
-0.004476	-0.382416	-22.858826	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.269311	53.134503	0.882192
0.004311	0.513771	141.174967	
0.14087	7.269311	53.134503	0.882192
0.004311	0.145534	147.291733	
0.28175	7.269311	53.134503	0.882192
0.004311	0.124784	156.897636	
0.42262	7.269311	53.134503	0.882192
0.004311	0.309751	178.804516	
0.56349	7.269311	53.134503	0.882192
0.004311	0.661013	209.826806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2080

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.837364	-80.425300	-0.444961
-0.004451	-0.263611	-11.903528	
0.14087	-3.837364	-80.425300	-0.444961
-0.004451	-0.082079	-8.390868	
0.28175	-3.837364	-80.425300	-0.444961
-0.004451	-0.242305	-6.927006	
0.42262	-3.837364	-80.425300	-0.444961
-0.004451	-0.598902	-8.198626	
0.56349	-3.837364	-80.425300	-0.444961
-0.004451	-0.965482	-27.346218	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.167323	105.594065	1.401307
0.002864	0.793323	137.031511	
0.14087	7.167323	105.594065	1.401307
0.002864	0.209197	127.623959	
0.28175	7.167323	105.594065	1.401307
0.002864	0.213641	140.405616	
0.42262	7.167323	105.594065	1.401307
0.002864	0.537401	164.992436	
0.56349	7.167323	105.594065	1.401307
0.002864	0.862355	196.070653	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.503329	-79.877418	-0.774686
-0.003920	-0.444877	-15.924922	
0.14087	-9.503329	-79.877418	-0.774686
-0.003920	-0.173947	-16.229442	
0.28175	-9.503329	-79.877418	-0.774686
-0.003920	-0.392418	-41.106728	
0.42262	-9.503329	-79.877418	-0.774686
-0.003920	-0.971506	-70.531059	
0.56349	-9.503329	-79.877418	-0.774686
-0.003920	-1.556980	-112.093854	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.587353	93.956171	1.626496
0.002966	0.913613	119.665058	
0.14087	8.587353	93.956171	1.626496
0.002966	0.239906	109.342014	
0.28175	8.587353	93.956171	1.626496
0.002966	0.263928	117.119454	
0.42262	8.587353	93.956171	1.626496
0.002966	0.665597	136.729236	
0.56349	8.587353	93.956171	1.626496
0.002966	1.068327	162.659670	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.241383	-81.240372	-0.959640
-0.003273	-0.548069	-45.555668	
0.14087	-8.241383	-81.240372	-0.959640
-0.003273	-0.148585	-39.897035	
0.28175	-8.241383	-81.240372	-0.959640
-0.003273	-0.452228	-54.403544	
0.42262	-8.241383	-81.240372	-0.959640
-0.003273	-1.127194	-74.195677	
0.56349	-8.241383	-81.240372	-0.959640
-0.003273	-1.807809	-104.526101	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.245112	10.018467	0.688797
0.000953	0.390097	10.139518	
0.14087	4.245112	10.018467	0.688797
0.000953	0.101244	6.297028	
0.28175	4.245112	10.018467	0.688797
0.000953	0.142352	2.785309	
0.42262	4.245112	10.018467	0.688797
0.000953	0.360769	1.705169	
0.56349	4.245112	10.018467	0.688797
0.000953	0.579146	2.444559	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2081

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418902	-20.776747	-0.520427
-1.08E-05	-0.294148	-54.409382	
0.14087	-0.418902	-20.776747	-0.520427
-1.08E-05	-0.075679	-46.109342	
0.28175	-0.418902	-20.776747	-0.520427
-1.08E-05	-0.186407	-37.949868	
0.42262	-0.418902	-20.776747	-0.520427
-1.08E-05	-0.475267	-31.865129	
0.56349	-0.418902	-20.776747	-0.520427
-1.08E-05	-0.765059	-26.915864	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.389017	15.366728	1.236206
0.001636	0.696905	17.053902	
0.14087	7.389017	15.366728	1.236206
0.001636	0.178865	14.926023	
0.28175	7.389017	15.366728	1.236206
0.001636	0.217150	17.896641	
0.42262	7.389017	15.366728	1.236206
0.001636	0.548298	25.456685	
0.56349	7.389017	15.366728	1.236206
0.001636	0.879941	35.419889	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.291966	-46.952526	-0.790254
-0.000259	-0.446649	-72.305834	
0.14087	-1.291966	-46.952526	-0.790254
-0.000259	-0.115124	-57.902016	
0.28175	-1.291966	-46.952526	-0.790254
-0.000259	-0.338081	-46.289175	
0.42262	-1.291966	-46.952526	-0.790254
-0.000259	-0.856896	-38.266830	
0.56349	-1.291966	-46.952526	-0.790254
-0.000259	-1.375932	-33.087457	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.429182	13.401067	1.372518
0.001207	0.773208	74.361008	
0.14087	10.429182	13.401067	1.372518
0.001207	0.197827	94.814276	
0.28175	10.429182	13.401067	1.372518
0.001207	0.224013	118.716073	
0.42262	10.429182	13.401067	1.372518
0.001207	0.564784	146.221497	
0.56349	10.429182	13.401067	1.372518
0.001207	0.906136	175.612830	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.071091	-91.631667	-0.812919
-6.13E-05	-0.458002	-65.064110	
0.14087	-1.071091	-91.631667	-0.812919
-6.13E-05	-0.117340	-53.223585	
0.28175	-1.071091	-91.631667	-0.812919
-6.13E-05	-0.376468	-43.171621	
0.42262	-1.071091	-91.631667	-0.812919
-6.13E-05	-0.952134	-36.146228	
0.56349	-1.071091	-91.631667	-0.812919
-6.13E-05	-1.528473	-31.004055	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.578365	83.552374	1.557802
0.003467	0.885989	132.596456	
0.14087	9.578365	83.552374	1.557802
0.003467	0.233990	121.472006	
0.28175	9.578365	83.552374	1.557802
0.003467	0.270423	124.318863	
0.42262	9.578365	83.552374	1.557802
0.003467	0.680971	141.268360	
0.56349	9.578365	83.552374	1.557802
0.003467	1.092647	166.174450	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2082

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.490898	-83.052427	-0.981330
-0.003120	-0.561207	-57.441649	
0.14087	-6.490898	-83.052427	-0.981330
-0.003120	-0.152893	-45.805912	
0.28175	-6.490898	-83.052427	-0.981330
-0.003120	-0.429160	-35.829533	
0.42262	-6.490898	-83.052427	-0.981330
-0.003120	-1.075033	-60.765423	
0.56349	-6.490898	-83.052427	-0.981330
-0.003120	-1.727050	-84.967633	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.059770	164.442288	0.930622
0.006047	0.537842	133.644079	
0.14087	11.059770	164.442288	0.930622
0.006047	0.148845	138.988545	
0.28175	11.059770	164.442288	0.930622
0.006047	0.192509	147.815985	
0.42262	11.059770	164.442288	0.930622
0.006047	0.486303	171.216666	
0.56349	11.059770	164.442288	0.930622
0.006047	0.780020	205.342496	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.769380	-92.606557	-0.700084
-0.007828	-0.400717	-62.311687	
0.14087	-15.769380	-92.606557	-0.700084
-0.007828	-0.113647	-55.827355	
0.28175	-15.769380	-92.606557	-0.700084
-0.007828	-0.265374	-86.245028	
0.42262	-15.769380	-92.606557	-0.700084
-0.007828	-0.644599	-125.989225	
0.56349	-15.769380	-92.606557	-0.700084
-0.007828	-1.033816	-186.826536	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.429182	158.415155	1.793274
0.006089	1.018712	141.174967	
0.14087	10.429182	158.415155	1.793274
0.006089	0.268074	147.291733	
0.28175	10.429182	158.415155	1.793274
0.006089	0.273211	156.897636	
0.42262	10.429182	158.415155	1.793274
0.006089	0.686453	178.804516	
0.56349	10.429182	158.415155	1.793274
0.006089	1.101370	209.826806	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.002560	-91.631667	-0.990224
-0.007842	-0.569766	-72.305834	
0.14087	-15.002560	-91.631667	-0.990224
-0.007842	-0.159515	-60.754364	
0.28175	-15.002560	-91.631667	-0.990224
-0.007842	-0.501994	-86.576522	
0.42262	-15.002560	-91.631667	-0.990224
-0.007842	-1.243054	-123.827219	
0.56349	-15.002560	-91.631667	-0.990224
-0.007842	-1.992230	-186.744195	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.059770	164.442288	1.793274
0.006089	1.018712	141.174967	
0.14087	11.059770	164.442288	1.793274
0.006089	0.268074	147.291733	
0.28175	11.059770	164.442288	1.793274
0.006089	0.273211	156.897636	
0.42262	11.059770	164.442288	1.793274
0.006089	0.686453	178.804516	
0.56349	11.059770	164.442288	1.793274
0.006089	1.101370	209.826806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2083

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.769380	-92.606557	-0.990224
-0.007842	-0.569766	-72.305834	
0.14087	-15.769380	-92.606557	-0.990224
-0.007842	-0.159515	-60.754364	
0.28175	-15.769380	-92.606557	-0.990224
-0.007842	-0.501994	-86.576522	
0.42262	-15.769380	-92.606557	-0.990224
-0.007842	-1.243054	-125.989225	
0.56349	-15.769380	-92.606557	-0.990224
-0.007842	-1.992230	-186.826536	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.059770	164.442288	1.793274
0.006089	1.018712	141.174967	
0.14087	11.059770	164.442288	1.793274
0.006089	0.268074	147.291733	
0.28175	11.059770	164.442288	1.793274
0.006089	0.273211	156.897636	
0.42262	11.059770	164.442288	1.793274
0.006089	0.686453	178.804516	
0.56349	11.059770	164.442288	1.793274
0.006089	1.101370	209.826806	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.769380	-92.606557	-0.990224
-0.007842	-0.569766	-72.305834	
0.14087	-15.769380	-92.606557	-0.990224
-0.007842	-0.159515	-60.754364	
0.28175	-15.769380	-92.606557	-0.990224
-0.007842	-0.501994	-86.576522	
0.42262	-15.769380	-92.606557	-0.990224
-0.007842	-1.243054	-125.989225	
0.56349	-15.769380	-92.606557	-0.990224
-0.007842	-1.992230	-186.826536	

ELEM 182 ========== LENGTH = 2.977796

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	2.313223	57.332388	0.572586
1.51E-05	0.634174	73.794308	
0.57742	2.313223	57.332388	0.572586
1.51E-05	0.394013	49.793125	
0.71828	2.313223	57.332388	0.572586
1.51E-05	0.153867	25.919076	
0.85914	2.313223	57.332388	0.572586
1.51E-05	0.052770	2.886218	
1.00000	2.313223	57.332388	0.572586
1.51E-05	0.213157	3.070752	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-7.683191	-17.569735	-0.382379
-0.001476	-0.442812	-34.499103	
0.57742	-7.683191	-17.569735	-0.382379
-0.001476	-0.268024	-27.223609	
0.71828	-7.683191	-17.569735	-0.382379
-0.001476	-0.107629	-20.229511	
0.85914	-7.683191	-17.569735	-0.382379
-0.001476	-0.036590	-13.678791	
1.00000	-7.683191	-17.569735	-0.382379
-0.001476	-0.326514	-23.903647	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	5.672161	85.291856	0.907864
0.006186	0.990009	154.946338	
0.57742	5.672161	85.291856	0.907864
0.006186	0.616950	121.088835	
0.71828	5.672161	85.291856	0.907864
0.006186	0.243947	100.102876	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2084

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85914	5.672161	85.291856	0.907864
0.006186	0.109311	98.010304	
1.00000	5.672161	85.291856	0.907864
0.006186	0.353828	113.315697	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-12.373481	-102.012096	-0.600122
-0.007899	-0.667395	-70.768123	
0.57742	-12.373481	-102.012096	-0.600122
-0.007899	-0.415676	-38.865759	
0.71828	-12.373481	-102.012096	-0.600122
-0.007899	-0.163942	-26.376081	
0.85914	-12.373481	-102.012096	-0.600122
-0.007899	-0.157698	-17.970806	
1.00000	-12.373481	-102.012096	-0.600122
-0.007899	-0.537679	-14.280246	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	8.280833	81.792759	1.117210
0.004732	1.234391	152.361412	
0.57742	8.280833	81.792759	1.117210
0.004732	0.771107	121.490037	
0.71828	8.280833	81.792759	1.117210
0.004732	0.307866	99.865661	
0.85914	8.280833	81.792759	1.117210
0.004732	0.103456	92.457387	
1.00000	8.280833	81.792759	1.117210
0.004732	0.356569	106.978726	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-11.188138	-123.153926	-0.615167
-0.005704	-0.685298	-112.334291	
0.57742	-11.188138	-123.153926	-0.615167
-0.005704	-0.427165	-68.244002	
0.71828	-11.188138	-123.153926	-0.615167
-0.005704	-0.169116	-36.194907	
0.85914	-11.188138	-123.153926	-0.615167
-0.005704	-0.175293	-16.693356	
1.00000	-11.188138	-123.153926	-0.615167
-0.005704	-0.643252	-14.780106	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	9.675824	75.041113	1.161128
0.004437	1.289816	141.316029	
0.57742	9.675824	75.041113	1.161128
0.004437	0.907218	112.732040	
0.71828	9.675824	75.041113	1.161128
0.004437	0.324659	91.830915	
0.85914	9.675824	75.041113	1.161128
0.004437	0.114303	82.804273	
1.00000	9.675824	75.041113	1.161128
0.004437	0.408986	92.222167	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.059299	-113.219288	-0.712096
-0.004739	-0.793833	-129.435236	
0.57742	-10.059299	-113.219288	-0.712096
-0.004739	-0.495086	-88.480676	
0.71828	-10.059299	-113.219288	-0.712096
-0.004739	-0.196326	-57.917628	
0.85914	-10.059299	-113.219288	-0.712096
-0.004739	-0.176545	-38.296851	
1.00000	-10.059299	-113.219288	-0.712096
-0.004739	-0.661013	-32.997659	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	4.328083	9.525045	0.359924
0.005395	0.388474	45.467896	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2085

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57742	4.328083	9.525045	0.359924
0.005395	0.244014	43.990216	
0.71828	4.328083	9.525045	0.359924
0.005395	0.099578	53.799766	
0.85914	4.328083	9.525045	0.359924
0.005395	0.051729	80.998409	
1.00000	4.328083	9.525045	0.359924
0.005395	0.129835	118.654311	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-2.979582	-99.471176	-0.201623
-0.005333	-0.220497	-52.686653	
0.57742	-2.979582	-99.471176	-0.201623
-0.005333	-0.135927	-20.026995	
0.71828	-2.979582	-99.471176	-0.201623
-0.005333	-0.051381	-4.156513	
0.85914	-2.979582	-99.471176	-0.201623
-0.005333	-0.068954	-2.277917	
1.00000	-2.979582	-99.471176	-0.201623
-0.005333	-0.219194	-2.261270	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	8.613677	16.094222	0.689474
0.005632	0.761959	55.568781	
0.57742	8.613677	16.094222	0.689474
0.005632	0.478874	52.688752	
0.71828	8.613677	16.094222	0.689474
0.005632	0.195804	60.396145	
0.85914	8.613677	16.094222	0.689474
0.005632	0.068389	84.288902	
1.00000	8.613677	16.094222	0.689474
0.005632	0.203786	120.522546	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-3.026823	-127.212013	-0.336407
-0.004858	-0.371756	-104.980347	
0.57742	-3.026823	-127.212013	-0.336407
-0.004858	-0.230579	-60.349470	
0.71828	-3.026823	-127.212013	-0.336407
-0.004858	-0.089392	-29.959747	
0.85914	-3.026823	-127.212013	-0.336407
-0.004858	-0.110110	-14.109950	
1.00000	-3.026823	-127.212013	-0.336407
-0.004858	-0.398544	-13.735074	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	8.291324	78.237049	1.029709
0.004163	1.143196	172.018721	
0.57742	8.291324	78.237049	1.029709
0.004163	0.715633	142.486937	
0.71828	8.291324	78.237049	1.029709
0.004163	0.288145	120.632470	
0.85914	8.291324	78.237049	1.029709
0.004163	0.091142	110.864380	
1.00000	8.291324	78.237049	1.029709
0.004163	0.317027	112.793922	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.732779	-116.126586	-0.547926
-0.004330	-0.610113	-114.265986	
0.57742	-9.732779	-116.126586	-0.547926
-0.004330	-0.380223	-71.921486	
0.71828	-9.732779	-116.126586	-0.547926
-0.004330	-0.150363	-39.844722	
0.85914	-9.732779	-116.126586	-0.547926
-0.004330	-0.155742	-21.476053	
1.00000	-9.732779	-116.126586	-0.547926
-0.004330	-0.587113	-17.078717	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2086

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	9.072698	72.673973	1.075735
0.003995	1.195578	160.834698	
0.57742	9.072698	72.673973	1.075735
0.003995	0.748030	133.111107	
0.71828	9.072698	72.673973	1.075735
0.003995	0.300521	111.792572	
0.85914	9.072698	72.673973	1.075735
0.003995	0.106425	100.585581	
1.00000	9.072698	72.673973	1.075735
0.003995	0.385602	99.010702	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-8.999760	-103.822369	-0.673280
-0.003623	-0.750609	-128.780165	
0.57742	-8.999760	-103.822369	-0.673280
-0.003623	-0.468135	-90.668023	
0.71828	-8.999760	-103.822369	-0.673280
-0.003623	-0.185616	-61.127171	
0.85914	-8.999760	-103.822369	-0.673280

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-0.003623   -0.160697   -42.830610
 1.00000    -8.999760  -103.822369    -0.673280
-0.003623   -0.611512   -36.556323

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    2.841381   11.928733    0.353504
 0.000795   0.395170   29.467000
0.57742    2.841381   11.928733    0.353504
 0.000795   0.246902   24.498769
0.71828    2.841381   11.928733    0.353504
 0.000795   0.098621   19.575275
0.85914    2.841381   11.928733    0.353504
 0.000795   0.048451   14.721912
1.00000    2.841381   11.928733    0.353504
 0.000795   0.193341    9.962524

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -1.500454   -9.304322    -0.345304
-7.00E-06  -0.386024   -50.057673
0.57742   -1.500454   -9.304322    -0.345304
-7.00E-06  -0.241188   -46.273033
0.71828   -1.500454   -9.304322    -0.345304
-7.00E-06  -0.096343   -42.560246
0.85914   -1.500454   -9.304322    -0.345304
-7.00E-06  -0.049602   -38.895034
1.00000   -1.500454   -9.304322    -0.345304
-7.00E-06  -0.197942   -35.252100

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    6.740549   19.397980    0.639451
 0.001561   0.716925   43.130858
0.57742    6.740549   19.397980    0.639451
 0.001561   0.448980   35.481825
0.71828    6.740549   19.397980    0.639451
 0.001561   0.181080   28.610933
0.85914    6.740549   19.397980    0.639451
 0.001561   0.078317   22.457889
1.00000    6.740549   19.397980    0.639451
 0.001561   0.308721   16.801976

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -2.321136   -30.242731    -0.549621
-0.000201  -0.613867   -95.169454
0.57742   -2.321136   -30.242731    -0.549621
-0.000201  -0.383331   -83.340913
0.71828   -2.321136   -30.242731    -0.549621
-0.000201  -0.152794   -72.814674
0.85914   -2.321136   -30.242731    -0.549621
-0.000201  -0.087967   -62.774287
1.00000   -2.321136   -30.242731    -0.549621
-0.000201  -0.356165   -53.143341
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2087

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    8.918183   21.022355    0.867904
 0.001922   0.974780   59.768275
0.57742    8.918183   21.022355    0.867904
 0.001922   0.611219   53.553934
0.71828    8.918183   21.022355    0.867904
 0.001922   0.247662   48.719210
0.85914    8.918183   21.022355    0.867904
 0.001922   0.083220   47.177384
1.00000    8.918183   21.022355    0.867904
 0.001922   0.324706   57.430634

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -2.779223   -81.511782    -0.575825
-0.000319  -0.642067   -133.079763
0.57742   -2.779223   -81.511782    -0.575825
-0.000319  -0.400490   -99.999233
0.71828   -2.779223   -81.511782    -0.575825
-0.000319  -0.158946   -68.516937
0.85914   -2.779223   -81.511782    -0.575825
-0.000319  -0.083757   -51.139767
1.00000   -2.779223   -81.511782    -0.575825
-0.000319  -0.481816   -47.675795

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    9.277904   61.951002    1.035132
 0.004659   1.150018   151.027826
0.57742    9.277904   61.951002    1.035132
 0.004659   0.720133   127.955017
0.71828    9.277904   61.951002    1.035132
 0.004659   0.290284   112.453393
0.85914    9.277904   61.951002    1.035132
 0.004659   0.108561   108.440506
1.00000    9.277904   61.951002    1.035132
 0.004659   0.386386   113.831387

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -7.729337  -106.401049    -0.671621
-0.003821  -0.748253  -131.821290
0.57742   -7.729337  -106.401049    -0.671621
-0.003821  -0.466513   -93.471861
0.71828   -7.729337  -106.401049    -0.671621
-0.003821  -0.184720   -65.189397
0.85914   -7.729337  -106.401049    -0.671621
-0.003821  -0.155611   -47.990556
1.00000   -7.729337  -106.401049    -0.671621
-0.003821  -0.589326   -42.611611

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    4.076167   52.672807    1.147353
 1.09E-05   1.272717   67.517633
0.57742    4.076167   52.672807    1.147353
 1.09E-05   0.781496   45.792193
0.71828    4.076167   52.672807    1.147353
 1.09E-05   0.310182   24.398057
0.85914    4.076167   52.672807    1.147353
 1.09E-05   0.066373    5.053067
1.00000    4.076167   52.672807    1.147353
 1.09E-05   0.269244    4.112841

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -6.879022   -22.806255    -0.486176
-0.001532  -0.544440   -51.504749
0.57742   -6.879022   -22.806255    -0.486176
-0.001532  -0.339992   -42.280150
0.71828   -6.879022   -22.806255    -0.486176
-0.001532  -0.136467   -33.446593
0.85914   -6.879022   -22.806255    -0.486176
-0.001532  -0.171484   -26.159203
1.00000   -6.879022   -22.806255    -0.486176
-0.001532  -0.652278   -35.989878
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2088

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    7.771910   77.865100    1.574362
 0.006174   1.733112   147.573329
0.57742    7.771910   77.865100    1.574362
 0.006174   1.079503   118.346822
0.71828    7.771910   77.865100    1.574362
 0.006174   0.427837   102.611458
0.85914    7.771910   77.865100    1.574362
 0.006174   0.147566   104.504884
1.00000    7.771910   77.865100    1.574362
 0.006174   0.488981   121.234826

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -11.591310  -104.883254    -0.843441
-0.007896  -0.932782   -93.950518
0.57742   -11.591310  -104.883254    -0.843441
-0.007896  -0.578937   -53.990588
0.71828   -11.591310  -104.883254    -0.843441
-0.007896  -0.228599   -39.459580
0.85914   -11.591310  -104.883254    -0.843441
-0.007896  -0.256121   -28.809236
1.00000   -11.591310  -104.883254    -0.843441
-0.007896  -0.915790   -28.363912

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    9.884559   75.883863    1.927218
 0.004834   2.136235   148.043722
0.57742    9.884559   75.883863    1.927218
 0.004834   1.332244   119.899710
0.71828    9.884559   75.883863    1.927218
 0.004834   0.530359   102.015070
0.85914    9.884559   75.883863    1.927218
 0.004834   0.155043   101.494695
1.00000    9.884559   75.883863    1.927218
 0.004834   0.544937   121.021153

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -10.662640  -121.242623    -0.950150
-0.005902  -1.053984   -123.123029
0.57742   -10.662640  -121.242623    -0.950150
-0.005902  -0.655197   -75.665433
0.71828   -10.662640  -121.242623    -0.950150
-0.005902  -0.259369   -46.520334
0.85914   -10.662640  -121.242623    -0.950150
-0.005902  -0.293319   -26.743091
1.00000   -10.662640  -121.242623    -0.950150
-0.005902  -1.100624   -27.345810

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656   11.084098   71.753427    2.151083
 0.004528   2.391283   140.986247
0.57742   11.084098   71.753427    2.151083
 0.004528   1.492742   114.111026
0.71828   11.084098   71.753427    2.151083
 0.004528   0.595421   95.644431
0.85914   11.084098   71.753427    2.151083
 0.004528   0.173223   93.333222
1.00000   11.084098   71.753427    2.151083
 0.004528   0.628684   104.680291

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -9.686013  -111.985868    -1.102883
-0.004904  -1.225683  -140.173987
0.57742   -9.686013  -111.985868    -1.102883
-0.004904  -0.762848   -96.194507
0.71828   -9.686013  -111.985868    -1.102883
-0.004904  -0.302466   -67.627841
0.85914   -9.686013  -111.985868    -1.102883
-0.004904  -0.319327   -47.480304
1.00000   -9.686013  -111.985868    -1.102883
-0.004904  -1.219973   -44.185949
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2089

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    3.925241    9.844315    0.443163
 0.004505   0.485320   49.365430
0.57742    3.925241    9.844315    0.443163
 0.004505   0.304013   48.916429
0.71828    3.925241    9.844315    0.443163
 0.004505   0.124495   59.382244
0.85914    3.925241    9.844315    0.443163
 0.004505   0.074301   86.157928
1.00000    3.925241    9.844315    0.443163
 0.004505   0.210236   118.369456

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -3.357461   -87.048633    -0.344566
-0.004471  -0.374086   -51.895146
0.57742   -3.357461   -87.048633    -0.344566
-0.004471  -0.229942   -19.066512
0.71828   -3.357461   -87.048633    -0.344566
-0.004471  -0.088193    -5.185920
0.85914   -3.357461   -87.048633    -0.344566
-0.004471  -0.067138    -3.047765
1.00000   -3.357461   -87.048633    -0.344566
-0.004471  -0.263323    -2.817712

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    8.187051   18.129683    1.119973
 0.004869   1.243214   63.879930
0.57742    8.187051   18.129683    1.119973
 0.004869   0.777515   60.160581
0.71828    8.187051   18.129683    1.119973
 0.004869   0.313546   66.149458
0.85914    8.187051   18.129683    1.119973
 0.004869   0.108985   90.386414
1.00000    8.187051   18.129683    1.119973
 0.004869   0.357547   124.368913

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -3.367538  -112.001103    -0.609998
-0.004146  -0.672146   -97.313799
0.57742   -3.367538  -112.001103    -0.609998
-0.004146  -0.416593   -53.717289
0.71828   -3.367538  -112.001103    -0.609998
-0.004146  -0.163207   -27.694014
0.85914   -3.367538  -112.001103    -0.609998
-0.004146  -0.169917   -14.275868
1.00000   -3.367538  -112.001103    -0.609998
-0.004146  -0.638465   -13.439770

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    8.756282   75.112017    1.724471
 0.003367   1.921564   173.452845
0.57742    8.756282   75.112017    1.724471
 0.003367   1.200670   145.110271
0.71828    8.756282   75.112017    1.724471
 0.003367   0.481255   123.499843
0.85914    8.756282   75.112017    1.724471
 0.003367   0.142443   116.060383
1.00000    8.756282   75.112017    1.724471
 0.003367   0.517026   117.778042

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -9.646448  -105.040382    -0.906301
-0.003630  -1.006478   -113.150183
0.57742   -9.646448  -105.040382    -0.906301
-0.003630  -0.626216   -71.694966
0.71828   -9.646448  -105.040382    -0.906301
-0.003630  -0.248279   -42.046300
0.85914   -9.646448  -105.040382    -0.906301
-0.003630  -0.250287   -24.436471
1.00000   -9.646448  -105.040382    -0.906301
-0.003630  -0.972611   -18.398775
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2090

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    9.338340   72.184072    1.959326
 0.003362   2.187459   166.575028
0.57742    9.338340   72.184072    1.959326
 0.003362   1.367765   139.072381
0.71828    9.338340   72.184072    1.959326
 0.003362   0.549799   117.187495
0.85914    9.338340   72.184072    1.959326
 0.003362   0.170350   107.073894
1.00000    9.338340   72.184072    1.959326
 0.003362   0.635073   104.719298

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -9.147293   -95.587452    -1.119243
-0.003039  -1.245177   -132.215152
0.57742   -9.147293   -95.587452    -1.119243
-0.003039  -0.775540   -94.497094
0.71828   -9.147293   -95.587452    -1.119243
-0.003039  -0.308084   -66.638476
0.85914   -9.147293   -95.587452    -1.119243
-0.003039  -0.278555   -48.598673
1.00000   -9.147293   -95.587452    -1.119243
-0.003039  -1.100106   -40.573478

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    2.646703   15.448947    0.774173
 0.000847   0.871042   37.710055
0.57742    2.646703   15.448947    0.774173
 0.000847   0.546253   31.438599
0.71828    2.646703   15.448947    0.774173
 0.000847   0.220810   25.201022
0.85914    2.646703   15.448947    0.774173
 0.000847   0.085749   19.001393
1.00000    2.646703   15.448947    0.774173
 0.000847   0.339734   12.882922

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -2.332589   -10.820309    -0.604489
-4.11E-06  -0.674341   -57.974676
0.57742   -2.332589   -10.820309    -0.604489
-4.11E-06  -0.420737   -53.718007
0.71828   -2.332589   -10.820309    -0.604489
-4.11E-06  -0.167001   -49.502511
0.85914   -2.332589   -10.820309    -0.604489
-4.11E-06  -0.101811   -45.334282
1.00000   -2.332589   -10.820309    -0.604489
-4.11E-06  -0.426872   -41.256263

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    6.875875   24.740874    1.439988
 0.001557   1.614949   55.559226
0.57742    6.875875   24.740874    1.439988
 0.001557   1.010560   45.786646
0.71828    6.875875   24.740874    1.439988
 0.001557   0.406091   36.397317
0.85914    6.875875   24.740874    1.439988
 0.001557   0.271414   27.517487
1.00000    6.875875   24.740874    1.439988
 0.001557   0.521346   19.564979

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -3.124139   -30.993103    -0.927272
-0.000129  -1.034393   -103.231508
0.57742   -3.124139   -30.993103    -0.927272
-0.000129  -0.645496   -90.913456
0.71828   -3.124139   -30.993103    -0.927272
-0.000129  -0.256511   -79.473041
0.85914   -3.124139   -30.993103    -0.927272
-0.000129  -0.195140   -69.143318
1.00000   -3.124139   -30.993103    -0.927272
-0.000129  -0.799383   -59.694838
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2091

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    8.299058   25.866163    1.660938
 0.001590   1.865477   72.104545
0.57742    8.299058   25.866163    1.660938
 0.001590   1.168468   63.448299
0.71828    8.299058   25.866163    1.660938
 0.001590   0.470960   56.155750
0.85914    8.299058   25.866163    1.660938
 0.001590   0.147134   56.592133
1.00000    8.299058   25.866163    1.660938
 0.001590   0.574998   65.732233

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -3.755217   -73.270009    -1.018424
-5.80E-06  -1.134168   -130.401435
0.57742   -3.755217   -73.270009    -1.018424
-5.80E-06  -0.706966   -101.049307
0.71828   -3.755217   -73.270009    -1.018424
-5.80E-06  -0.279768   -72.995165
0.85914   -3.755217   -73.270009    -1.018424
-5.80E-06  -0.221256   -58.039689
1.00000   -3.755217   -73.270009    -1.018424
-5.80E-06  -0.917350   -53.433943

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    8.991983   64.019651    1.871506
 0.003734   2.092061   163.066497
0.57742    8.991983   64.019651    1.871506
 0.003734   1.309220   139.246312
0.71828    8.991983   64.019651    1.871506
 0.003734   0.527215   121.534789
0.85914    8.991983   64.019651    1.871506
 0.003734   0.181420   116.333386
1.00000    8.991983   64.019651    1.871506
 0.003734   0.671727   118.416779

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -8.549592   -94.973437    -1.179439
-0.002896  -1.310387   -134.684754
0.57742   -8.549592   -94.973437    -1.179439
-0.002896  -0.815613   -97.521655
0.71828   -8.549592   -94.973437    -1.179439
-0.002896  -0.322515   -71.158301
0.85914   -8.549592   -94.973437    -1.179439
-0.002896  -0.263648   -55.351571
1.00000   -8.549592   -94.973437    -1.179439
-0.002896  -1.047992   -48.379049

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    9.675824   85.291856    1.161128
 0.006186   1.289816   172.018721
0.57742    9.675824   85.291856    1.161128
 0.006186   0.807218   142.486937
0.71828    9.675824   85.291856    1.161128
 0.006186   0.324659   120.630470
0.85914    9.675824   85.291856    1.161128
 0.006186   0.114303   110.864380
1.00000    9.675824   85.291856    1.161128
 0.006186   0.408986   120.522546

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -12.373481  -127.212013    -0.712096
-0.007899  -0.793833   -133.079763
0.57742   -12.373481  -127.212013    -0.712096
-0.007899  -0.495086   -99.999233
0.71828   -12.373481  -127.212013    -0.712096
-0.007899  -0.196326   -72.814674
0.85914   -12.373481  -127.212013    -0.712096
-0.007899  -0.176545   -62.774287
1.00000   -12.373481  -127.212013    -0.712096
-0.007899  -0.661013   -53.143341
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2092

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    11.084098  77.865100    2.151083
 0.006174   2.391283   173.452845
0.57742    11.084098  77.865100    2.151083
 0.006174   1.492742   145.110271
0.71828    11.084098  77.865100    2.151083
 0.006174   0.595421   123.499843
0.85914    11.084098  77.865100    2.151083
 0.006174   0.181420   116.333386
1.00000    11.084098  77.865100    2.151083
 0.006174   0.671727   124.368913

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -11.591310  -121.242623    -1.179439
-0.007896  -1.310387   -140.173987
0.57742   -11.591310  -121.242623    -1.179439
-0.007896  -0.815613   -101.049307
0.71828   -11.591310  -121.242623    -1.179439
-0.007896  -0.322515   -79.473041
0.85914   -11.591310  -121.242623    -1.179439
-0.007896  -0.319327   -69.143318
1.00000   -11.591310  -121.242623    -1.179439
-0.007896  -1.219973   -59.694838

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    11.084098  85.291856    2.151083
 0.006186   2.391283   173.452845
0.57742    11.084098  85.291856    2.151083
 0.006186   1.492742   145.110271
0.71828    11.084098  85.291856    2.151083
 0.006186   0.595421   123.499843
0.85914    11.084098  85.291856    2.151083
 0.006186   0.181420   116.333386
1.00000    11.084098  85.291856    2.151083
 0.006186   0.671727   124.368913

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -12.373481  -127.212013    -1.179439
-0.007899  -1.310387   -140.173987
0.57742   -12.373481  -127.212013    -1.179439
-0.007899  -0.815613   -101.049307
0.71828   -12.373481  -127.212013    -1.179439
-0.007899  -0.322515   -79.473041
0.85914   -12.373481  -127.212013    -1.179439
-0.007899  -0.319327   -69.143318
1.00000   -12.373481  -127.212013    -1.179439
-0.007899  -1.219973   -59.694838

COMB      DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43656    11.084098  85.291856    2.151083
 0.006186   2.391283   173.452845
0.57742    11.084098  85.291856    2.151083
 0.006186   1.492742   145.110271
0.71828    11.084098  85.291856    2.151083
 0.006186   0.595421   123.499843
0.85914    11.084098  85.291856    2.151083
 0.006186   0.181420   116.333386
1.00000    11.084098  85.291856    2.151083
 0.006186   0.671727   124.368913

COMB      DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43656   -12.373481  -127.212013    -1.179439
-0.007899  -1.310387   -140.173987
0.57742   -12.373481  -127.212013    -1.179439
-0.007899  -0.815613   -101.049307
0.71828   -12.373481  -127.212013    -1.179439
-0.007899  -0.322515   -79.473041
0.85914   -12.373481  -127.212013    -1.179439
-0.007899  -0.319327   -69.143318
1.00000   -12.373481  -127.212013    -1.179439
-0.007899  -1.219973   -59.694838
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD          >
                                2093

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      183 ================== LENGTH
=    2.976771

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.308092   56.988753    0.504679
 7.30E-06   0.275259    3.067659
0.14082    2.308092   56.988753    0.504679
 7.30E-06   0.063823    3.691179
0.28164    2.308092   56.988753    0.504679
 7.30E-06   0.109110   10.412549
0.42246    2.308092   56.988753    0.504679
 7.30E-06   0.277036   17.591014
0.56329    2.308092   56.988753    0.504679
 7.30E-06   0.444958   24.875840
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COMB DB-G1-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.653318	-17.555138	-0.400599
-0.001499	-0.226798	-23.924380	
0.14082	-7.653318	-17.555138	-0.400599
-0.001499	-0.058857	-47.212399	
0.28164	-7.653318	-17.555138	-0.400599
-0.001499	-0.148033	-70.996000	
0.42246	-7.653318	-17.555138	-0.400599
-0.001499	-0.359507	-94.788615	
0.56329	-7.653318	-17.555138	-0.400599
-0.001499	-0.570988	-118.606366	

COMB DB-G1-2 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.906681	149.597531	0.852079
0.006002	0.495225	113.674207	
0.14082	2.906681	149.597531	0.852079
0.006002	0.139272	90.660508	
0.28164	2.906681	149.597531	0.852079
0.006002	0.157205	73.479471	
0.42246	2.906681	149.597531	0.852079
0.006002	0.392726	76.428496	
0.56329	2.906681	149.597531	0.852079
0.006002	0.628289	91.417655	

COMB DB-G1-2 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-15.821747	-40.711107	-0.561966
-0.008100	-0.334134	-14.299913	
0.14082	-15.821747	-40.711107	-0.561966
-0.008100	-0.403430	-44.782239	
0.28164	-15.821747	-40.711107	-0.561966
-0.008100	-0.239266	-76.385493	
0.42246	-15.821747	-40.711107	-0.561966
-0.008100	-0.586216	-112.135114	
0.56329	-15.821747	-40.711107	-0.561966
-0.008100	-0.933716	-168.667184	

COMB DB-G1-3 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.467310	125.393316	1.097377
0.004204	0.626581	107.204227	
0.14082	6.467310	125.393316	1.097377
0.004204	0.167489	111.875294	
0.28164	6.467310	125.393316	1.097377
0.004204	0.166003	122.418557	
0.42246	6.467310	125.393316	1.097377
0.004204	0.416439	146.915113	
0.56329	6.467310	125.393316	1.097377
0.004204	0.666805	179.642261	

COMB DB-G1-3 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-13.516462	-81.856738	-0.597246
-0.005862	-0.348675	-14.794689	
0.14082	-13.516462	-81.856738	-0.597246
-0.005862	-0.101251	-45.400403	
0.28164	-13.516462	-81.856738	-0.597246
-0.005862	-0.307293	-76.851584	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2094

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42246	-13.516462	-81.856738	-0.597246
-0.005862	-0.760308	-111.119678	
0.56329	-13.516462	-81.856738	-0.597246
-0.005862	-1.213703	-159.491392	

COMB DB-G1-4 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	8.189772	111.216947	1.176804
0.004056	0.670897	92.414619	
0.14082	8.189772	111.216947	1.176804
0.004056	0.178326	94.055924	
0.28164	8.189772	111.216947	1.176804
0.004056	0.193335	103.650936	
0.42246	8.189772	111.216947	1.176804
0.004056	0.426869	126.052818	
0.56329	8.189772	111.216947	1.176804
0.004056	0.779141	155.489079	

COMB DB-G1-4 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.987185	-79.103414	-0.698660
-0.004870	-0.403630	-33.017061	
0.14082	-11.987185	-79.103414	-0.698660
-0.004870	-0.113172	-54.863246	
0.28164	-11.987185	-79.103414	-0.698660
-0.004870	-0.327240	-77.503848	
0.42246	-11.987185	-79.103414	-0.698660
-0.004870	-0.814726	-103.732339	
0.56329	-11.987185	-79.103414	-0.698660
-0.004870	-1.302532	-142.793431	

COMB DB-G2-1 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.059832	63.818475	0.390988
0.005018	0.241529	118.946984	
0.14082	2.059832	63.818475	0.390988
0.005018	0.078601	111.032290	
0.28164	2.059832	63.818475	0.390988
0.005018	0.043685	103.270935	
0.42246	2.059832	63.818475	0.390988
0.005018	0.104563	111.828212	
0.56329	2.059832	63.818475	0.390988
0.005018	0.165413	130.350874	

COMB DB-G2-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.904971	-48.414104	-0.145162
-0.005255	-0.094760	-2.252860	
0.14082	-5.904971	-48.414104	-0.145162
-0.005255	-0.037949	-2.462016	
0.28164	-5.904971	-48.414104	-0.145162
-0.005255	-0.102892	-3.341975	
0.42246	-5.904971	-48.414104	-0.145162
-0.005255	-0.258282	-7.553427	
0.56329	-5.904971	-48.414104	-0.145162
-0.005255	-0.414090	-29.101437	

COMB DB-G2-2 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.551615	66.609949	0.754485
0.004976	0.445326	120.786917	
0.14082	6.551615	66.609949	0.754485
0.004976	0.129975	123.514887	
0.28164	6.551615	66.609949	0.754485
0.004976	0.083197	129.655709	
0.42246	6.551615	66.609949	0.754485
0.004976	0.205279	151.766729	
0.56329	6.551615	66.609949	0.754485
0.004976	0.327294	183.343215	

COMB DB-G2-2 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.734737	-80.059003	-0.291076
-0.004892	-0.176327	-13.728461	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2095

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.14082	-5.734737	-80.059003	-0.291076
-0.004892	-0.057764	-14.057830	
0.28164	-5.734737	-80.059003	-0.291076
-0.004892	-0.202818	-14.022803	
0.42246	-5.734737	-80.059003	-0.291076
-0.004892	-0.511126	-19.369197	
0.56329	-5.734737	-80.059003	-0.291076
-0.004892	-0.819828	-42.392346	

COMB DB-G2-3 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.856044	113.413957	1.048890
0.003583	0.599547	112.955594	
0.14082	6.856044	113.413957	1.048890
0.003583	0.160652	106.664578	
0.28164	6.856044	113.413957	1.048890
0.003583	0.146994	120.177541	
0.42246	6.856044	113.413957	1.048890
0.003583	0.369163	146.180528	
0.56329	6.856044	113.413957	1.048890
0.003583	0.591265	179.146733	

COMB DB-G2-3 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.611519	-82.947537	-0.529796
-0.004644	-0.308067	-17.063210	
0.14082	-11.611519	-82.947537	-0.529796
-0.004644	-0.088260	-21.982205	
0.28164	-11.611519	-82.947537	-0.529796
-0.004644	-0.291069	-49.477260	
0.42246	-11.611519	-82.947537	-0.529796
-0.004644	-0.724993	-80.714816	
0.56329	-11.611519	-82.947537	-0.529796
-0.004644	-1.159314	-124.767782	

COMB DB-G2-4 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.888592	102.149213	1.124048
0.003695	0.642202	99.151962	
0.14082	7.888592	102.149213	1.124048
0.003695	0.171636	90.784104	
0.28164	7.888592	102.149213	1.124048
0.003695	0.182870	100.139316	
0.42246	7.888592	102.149213	1.124048
0.003695	0.460227	121.770185	
0.56329	7.888592	102.149213	1.124048
0.003695	0.737497	149.216627	

COMB DB-G2-4 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.570550	-76.034884	-0.661410
-0.003885	-0.380739	-36.549710	
0.14082	-10.570550	-76.034884	-0.661410
-0.003885	-0.105315	-38.059978	
0.28164	-10.570550	-76.034884	-0.661410
-0.003885	-0.309585	-58.378711	
0.42246	-10.570550	-76.034884	-0.661410
-0.003885	-0.775960	-81.566411	
0.56329	-10.570550	-76.034884	-0.661410
-0.003885	-1.242658	-115.242574	

COMB DB-G3-1 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.865966	12.007176	0.368841
0.001140	0.211103	9.970657	
0.14082	2.865966	12.007176	0.368841
0.001140	0.056385	5.694402	
0.28164	2.865966	12.007176	0.368841
0.001140	0.096355	2.726258	
0.42246	2.865966	12.007176	0.368841
0.001140	0.243569	1.587716	
0.56329	2.865966	12.007176	0.368841
0.001140	0.390773	2.403989	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2096

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.498716	-9.285293	-0.351164
-1.15E-05	-0.198069	-35.261603	
0.14082	-1.498716	-9.285293	-0.351164
-1.15E-05	-0.050782	-31.708040	
0.28164	-1.498716	-9.285293	-0.351164
-1.15E-05	-0.098647	-28.410475	
0.42246	-1.498716	-9.285293	-0.351164
-1.15E-05	-0.252756	-25.133144	
0.56329	-1.498716	-9.285293	-0.351164
-1.15E-05	-0.407361	-21.917146	

COMB DB-G3-2 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.703979	21.487079	0.691871
0.002023	0.394521	16.825471	
0.14082	6.703979	21.487079	0.691871
0.002023	0.104395	12.055364	
0.28164	6.703979	21.487079	0.691871
0.002023	0.152457	12.546679	
0.42246	6.703979	21.487079	0.691871
0.002023	0.384554	18.042511	
0.56329	6.703979	21.487079	0.691871
0.002023	0.616646	25.600491	

COMB DB-G3-2 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.422563	-28.656040	-0.553675
-0.000244	-0.312372	-53.161730	
0.14082	-2.422563	-28.656040	-0.553675
-0.000244	-0.098097	-46.209211	
0.28164	-2.422563	-28.656040	-0.553675
-0.000244	-0.186225	-40.209341	
0.42246	-2.422563	-28.656040	-0.553675
-0.000244	-0.475911	-36.498606	
0.56329	-2.422563	-28.656040	-0.553675
-0.000244	-0.765606	-35.434575	

COMB DB-G3-3 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	8.899036	24.308797	0.945632
0.001725	0.537780	57.437870	
0.14082	8.899036	24.308797	0.945632
0.001725	0.141387	75.830300	
0.28164	8.899036	24.308797	0.945632
0.001725	0.157524	98.462778	
0.42246	8.899036	24.308797	0.945632
0.001725	0.396894	125.418957	
0.56329	8.899036	24.308797	0.945632
0.001725	0.636232	154.373045	

COMB DB-G3-3 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.941863	-79.103176	-0.570901
-0.000322	-0.322039	-47.682487	
0.14082	-2.941863	-79.103176	-0.570901
-0.000322	-0.082566	-44.284992	
0.28164	-2.941863	-79.103176	-0.570901
-0.000322	-0.256154	-41.075502	
0.42246	-2.941863	-79.103176	-0.570901
-0.000322	-0.652009	-39.556304	
0.56329	-2.941863	-79.103176	-0.570901
-0.000322	-1.047882	-40.448097	

COMB DB-G3-4 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.864348	96.971609	1.088496
0.004449	0.627311	114.010031	
0.14082	7.864348	96.971609	1.088496
0.004449	0.171660	101.104595	
0.28164	7.864348	96.971609	1.088496
0.004449	0.181039	102.840997	
0.42246	7.864348	96.971609	1.088496
0.004449	0.454772	120.258574	
0.56329	7.864348	96.971609	1.088496
0.004449	0.728457	146.452508	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2097

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.598808	-73.463557	-0.652862
-0.004076	-0.377171	-42.609181	
0.14082	-9.598808	-73.463557	-0.652862
-0.004076	-0.105800	-37.538573	
0.28164	-9.598808	-73.463557	-0.652862
-0.004076	-0.296283	-49.306954	
0.42246	-9.598808	-73.463557	-0.652862
-0.004076	-0.746906	-66.655948	
0.56329	-9.598808	-73.463557	-0.652862
-0.004076	-1.197891	-96.436415	

COMB DL-G1-1 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	4.071989	52.472137	1.044764
4.33E-06	0.576545	4.107801	
0.14082	4.071989	52.472137	1.044764
4.33E-06	0.138861	4.668037	
0.28164	4.071989	52.472137	1.044764
4.33E-06	0.139294	11.800030	
0.42246	4.071989	52.472137	1.044764
4.33E-06	0.358403	20.374240	
0.56329	4.071989	52.472137	1.044764
4.33E-06	0.578099	29.150078	

COMB DL-G1-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.857306	-22.829226	-0.523433
-0.001613	-0.297825	-35.998243	
0.14082	-6.857306	-22.829226	-0.523433
-0.001613	-0.078960	-51.093863	
0.28164	-6.857306	-22.829226	-0.523433
-0.001613	-0.299558	-70.646217	
0.42246	-6.857306	-22.829226	-0.523433
-0.001613	-0.520287	-91.740529	
0.56329	-6.857306	-22.829226	-0.523433
-0.001613	-1.175345	-112.971831	

COMB DL-G1-2 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	4.774292	139.725057	1.528202
0.006005	0.879697	121.278145	
0.14082	4.774292	139.725057	1.528202
0.006005	0.240686	97.212561	
0.28164	4.774292	139.725057	1.528202
0.006005	0.230402	80.340026	
0.42246	4.774292	139.725057	1.528202
0.006005	0.581284	83.310602	
0.56329	4.774292	139.725057	1.528202
0.006005	0.934035	99.052396	

COMB DL-G1-2 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-15.482817	-45.444382	-0.843601
-0.008327	-0.493826	-28.366404	
0.14082	-15.482817	-45.444382	-0.843601
-0.008327	-0.149589	-47.947727	
0.28164	-15.482817	-45.444382	-0.843601
-0.008327	-0.424830	-73.198060	
0.42246	-15.482817	-45.444382	-0.843601
-0.008327	-1.054967	-104.644734	
0.56329	-15.482817	-45.444382	-0.843601
-0.008327	-1.685682	-160.060421	

COMB DL-G1-3 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.814673	119.678044	1.908149
0.004402	1.084042	121.036684	
0.14082	7.814673	119.678044	1.908149
0.004402	0.296835	120.926646	
0.28164	7.814673	119.678044	1.908149
0.004402	0.261558	127.580229	
0.42246	7.814673	119.678044	1.908149
0.004402	0.659117	148.681793	
0.56329	7.814673	119.678044	1.908149
0.004402	1.058491	179.055699	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2098

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-13.426559	-79.319453	-0.954047
-0.006237	-0.550448	-27.343084	
0.14082	-13.426559	-79.319453	-0.954047
-0.006237	-0.157245	-48.072491	
0.28164	-13.426559	-79.319453	-0.954047
-0.006237	-0.530091	-73.826140	
0.42246	-13.426559	-79.319453	-0.954047
-0.006237	-1.322551	-104.169885	
0.56329	-13.426559	-79.319453	-0.954047
-0.006237	-2.115535	-151.583562	

COMB DL-G1-4 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	9.383122	108.104965	2.148338
0.004298	1.216532	104.699809	
0.14082	9.383122	108.104965	2.148338
0.004298	0.317199	101.725686	
0.28164	9.383122	108.104965	2.148338
0.004298	0.304140	107.706495	
0.42246	9.383122	108.104965	2.148338
0.004298	0.767137	127.140144	
0.56329	9.383122	108.104965	2.148338
0.004298	1.231675	154.472018	

COMB DL-G1-4 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.986090	-77.275834	-1.109138
-0.005182	-0.635805	-44.192910	
0.14082	-11.986090	-77.275834	-1.109138
-0.005182	-0.176353	-58.003236	
0.28164	-11.986090	-77.275834	-1.109138
-0.005182	-0.595643	-78.019862	
0.42246	-11.986090	-77.275834	-1.109138
-0.005182	-1.490201	-102.923542	
0.56329	-11.986090	-77.275834	-1.109138
-0.005182	-2.385352	-142.211793	

COMB DL-G2-1 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.872239	53.481304	0.490800
0.004207	0.298571	118.388534	
0.14082	1.872239	53.481304	0.490800
0.004207	0.093629	113.641675	
0.28164	1.872239	53.481304	0.490800
0.004207	0.082277	109.293857	
0.42246	1.872239	53.481304	0.490800
0.004207	0.197588	117.626824	
0.56329	1.872239	53.481304	0.490800
0.004207	0.313625	134.828129	

COMB DL-G2-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.113113	-45.728944	-0.279802
-0.004608	-0.166491	-2.604707	
0.14082	-6.113113	-45.728944	-0.279802
-0.004608	-0.055563	-2.573699	
0.28164	-6.113113	-45.728944	-0.279802
-0.004608	-0.129431	-3.007326	
0.42246	-6.113113	-45.728944	-0.279802
-0.004608	-0.327910	-6.786470	
0.56329	-6.113113	-45.728944	-0.279802
-0.004608	-0.526604	-27.326449	

COMB DL-G2-2 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.264472	59.743175	1.173564
0.004297	0.678049	124.384479	
0.14082	6.264472	59.743175	1.173564
0.004297	0.187691	127.470796	
0.28164	6.264472	59.743175	1.173564
0.004297	0.158397	133.855801	
0.42246	6.264472	59.743175	1.173564
0.004297	0.391005	153.341239	
0.56329	6.264472	59.743175	1.173564
0.004297	0.624301	181.442615	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2099

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.003706	-72.658901	-0.559074
-0.004323	-0.323868	-13.428301	
0.14082	-6.003706	-72.658901	-0.559074
-0.004323	-0.096039	-13.494585	
0.28164	-6.003706	-72.658901	-0.559074
-0.004323	-0.318880	-15.444165	
0.42246	-6.003706	-72.658901	-0.559074
-0.004323	-0.803624	-21.117473	
0.56329	-6.003706	-72.658901	-0.559074
-0.004323	-1.289037	-43.081438	

COMB DL-G2-3 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.529237	101.578651	1.754611
0.002865	0.993857	117.757209	
0.14082	7.529237	101.578651	1.754611
0.002865	0.259454	110.750101	
0.28164	7.529237	101.578651	1.754611
0.002865	0.246831	125.401208	
0.42246	7.529237	101.578651	1.754611
0.002865	0.619675	150.617619	
0.56329	7.529237	101.578651	1.754611
0.002865	0.993642	181.806355	

COMB DL-G2-3 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.326223	-79.681990	-0.892940
-0.004048	-0.509673	-18.375153	
0.14082	-11.326223	-79.681990	-0.892940
-0.004048	-0.139586	-20.608969	
0.28164	-11.326223	-79.681990	-0.892940
-0.004048	-0.485185	-45.448020	
0.42246	-11.326223	-79.681990	-0.892940
-0.004048	-1.215854	-114.611562	
0.56329	-11.326223	-79.681990	-0.892940
-0.004048	-1.947174	-114.300421	

COMB DL-G2-4 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	8.330324	94.392716	2.020629
0.003127	1.143856	104.710851	
0.14082	8.330324	94.392716	2.020629
0.003127	0.297607	94.938097	
0.28164	8.330324	94.392716	2.020629
0.003127	0.305932	104.603222	
0.42246	8.330324	94.392716	2.020629
0.003127	0.769860	125.525387	
0.56329	8.330324	94.392716	2.020629
0.003127	1.234697	151.458109	

COMB DL-G2-4 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.567762	-74.329183	-1.109424
-0.003388	-0.630533	-40.563326	
0.14082	-10.567762	-74.329183	-1.109424
-0.003388	-0.168942	-39.408645	
0.28164	-10.567762	-74.329183	-1.109424
-0.003388	-0.555926	-58.196609	
0.42246	-10.567762	-74.329183	-1.109424
-0.003388	-1.399312	-82.225982	
0.56329	-10.567762	-74.329183	-1.109424
-0.003388	-2.242907	-115.301018	

COMB DL-G3-1 ------------------ MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.675535	15.504247	0.834241
0.001221	0.473234	12.894245	
0.14082	2.675535	15.504247	0.834241
0.001221	0.123322	7.075224	
0.28164	2.675535	15.504247	0.834241
0.001221	0.164608	2.557543	
0.42246	2.675535	15.504247	0.834241
0.001221	0.415232	2.141696	
0.56329	2.675535	15.504247	0.834241
0.001221	0.665842	2.893521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2100

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.352040	-10.814995	-0.597609
-8.92E-06	-0.336057	-41.269799	
0.14082	-2.352040	-10.814995	-0.597609
-8.92E-06	-0.085356	-37.303456	
0.28164	-2.352040	-10.814995	-0.597609
-8.92E-06	-0.224680	-34.065388	
0.42246	-2.352040	-10.814995	-0.597609
-8.92E-06	-0.574896	-34.543230	
0.56329	-2.352040	-10.814995	-0.597609
-8.92E-06	-0.924828	-35.551142	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.861417	26.040966	1.499664
0.002009	0.845325	19.582022	
0.14082	6.861417	26.040966	1.499664
0.002009	0.216899	13.001210	
0.28164	6.861417	26.040966	1.499664
0.002009	0.254199	12.519058	
0.42246	6.861417	26.040966	1.499664
0.002009	0.641354	18.315474	
0.56329	6.861417	26.040966	1.499664
0.002009	1.028481	25.884472	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.225314	-29.968794	-0.923415
-0.000170	-0.520032	-59.716695	
0.14082	-3.225314	-29.968794	-0.923415
-0.000170	-0.132951	-52.195434	
0.28164	-3.225314	-29.968794	-0.923415
-0.000170	-0.409810	-48.525364	
0.42246	-3.225314	-29.968794	-0.923415
-0.000170	-1.038870	-49.921762	
0.56329	-3.225314	-29.968794	-0.923415
-0.000170	-1.667629	-52.685528	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.414230	25.875380	1.756054
0.001496	0.989364	65.721297	
0.14082	8.414230	25.875380	1.756054
0.001496	0.253397	73.031389	
0.28164	8.414230	25.875380	1.756054
0.001496	0.275448	100.714025	
0.42246	8.414230	25.875380	1.756054
0.001496	0.691068	125.575134	
0.56329	8.414230	25.875380	1.756054
0.001496	1.106968	151.687550	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.784246	-73.841558	-0.992063
-7.95E-06	-0.556900	-53.438331	
0.14082	-3.784246	-73.841558	-0.992063
-7.95E-06	-0.141005	-49.528490	
0.28164	-3.784246	-73.841558	-0.992063
-7.95E-06	-0.478962	-47.854362	
0.42246	-3.784246	-73.841558	-0.992063
-7.95E-06	-1.215523	-50.562261	
0.56329	-3.784246	-73.841558	-0.992063
-7.95E-06	-1.952136	-53.963352	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.896806	88.231301	1.960467
0.003617	1.114680	118.416377	
0.14082	7.896806	88.231301	1.960467
0.003617	0.293626	106.083566	
0.28164	7.896806	88.231301	1.960467
0.003617	0.317305	108.945304	
0.42246	7.896806	88.231301	1.960467
0.003617	0.908841	126.728948	
0.56329	7.896806	88.231301	1.960467
0.003617	1.273547	151.347992	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2101
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.100533	-71.887777	-1.142725
-0.003229	-0.648287	-48.373096	
0.14082	-10.100533	-71.887777	-1.142725
-0.003229	-0.172760	-42.436789	
0.28164	-10.100533	-71.887777	-1.142725
-0.003229	-0.535124	-52.579772	
0.42246	-10.100533	-71.887777	-1.142725
-0.003229	-1.353069	-71.701356	
0.56329	-10.100533	-71.887777	-1.142725
-0.003229	-2.171371	-101.191846	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.899036	149.597531	1.176804
0.006002	0.670897	120.786917	
0.14082	8.899036	149.597531	1.176804
0.006002	0.178326	123.514887	
0.28164	8.899036	149.597531	1.176804
0.006002	0.193335	129.655709	
0.42246	8.899036	149.597531	1.176804
0.006002	0.486269	151.766729	
0.56329	8.899036	149.597531	1.176804
0.006002	0.779141	183.343215	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.821747	-82.947537	-0.698660
-0.008100	-0.403630	-53.161730	
0.14082	-15.821747	-82.947537	-0.698660
-0.008100	-0.113172	-54.863246	
0.28164	-15.821747	-82.947537	-0.698660
-0.008100	-0.327240	-77.503848	
0.42246	-15.821747	-82.947537	-0.698660
-0.008100	-0.814726	-112.135114	
0.56329	-15.821747	-82.947537	-0.698660
-0.008100	-1.302532	-168.667184	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.383122	139.725057	2.148338
0.006005	1.216532	124.384479	
0.14082	9.383122	139.725057	2.148338
0.006005	0.317199	127.470796	
0.28164	9.383122	139.725057	2.148338
0.006005	0.317305	133.855801	
0.42246	9.383122	139.725057	2.148338
0.006005	0.794841	153.341239	
0.56329	9.383122	139.725057	2.148338
0.006005	1.273547	181.806355	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.482817	-79.681990	-1.142725
-0.008327	-0.648287	-59.716695	
0.14082	-15.482817	-79.681990	-1.142725
-0.008327	-0.176353	-58.003236	
0.28164	-15.482817	-79.681990	-1.142725
-0.008327	-0.595643	-78.019862	
0.42246	-15.482817	-79.681990	-1.142725
-0.008327	-1.490201	-104.644734	
0.56329	-15.482817	-79.681990	-1.142725
-0.008327	-2.385352	-160.060421	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.383122	149.597531	2.148338
0.006005	1.216532	124.384479	
0.14082	9.383122	149.597531	2.148338
0.006005	0.317199	127.470796	
0.28164	9.383122	149.597531	2.148338
0.006005	0.317305	133.855801	
0.42246	9.383122	149.597531	2.148338
0.006005	0.794841	153.341239	
0.56329	9.383122	149.597531	2.148338
0.006005	1.273547	183.343215	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2102
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.821747	-82.947537	-1.142725
-0.008327	-0.648287	-59.716695	
0.14082	-15.821747	-82.947537	-1.142725
-0.008327	-0.176353	-58.003236	
0.28164	-15.821747	-82.947537	-1.142725
-0.008327	-0.595643	-78.019862	
0.42246	-15.821747	-82.947537	-1.142725
-0.008327	-1.490201	-112.135114	
0.56329	-15.821747	-82.947537	-1.142725
-0.008327	-2.385352	-168.667184	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.383122	149.597531	2.148338
0.006005	1.216532	124.384479	
0.14082	9.383122	149.597531	2.148338
0.006005	0.317199	127.470796	
0.28164	9.383122	149.597531	2.148338
0.006005	0.317305	133.855801	
0.42246	9.383122	149.597531	2.148338
0.006005	0.794841	153.341239	
0.56329	9.383122	149.597531	2.148338
0.006005	1.273547	183.343215	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.821747	-82.947537	-1.142725
-0.008327	-0.648287	-59.716695	
0.14082	-15.821747	-82.947537	-1.142725
-0.008327	-0.176353	-58.003236	
0.28164	-15.821747	-82.947537	-1.142725
-0.008327	-0.595643	-78.019862	
0.42246	-15.821747	-82.947537	-1.142725
-0.008327	-1.490201	-112.135114	
0.56329	-15.821747	-82.947537	-1.142725
-0.008327	-2.385352	-168.667184	

ELEM 184 ========== LENGTH = 2.977458

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.705293	36.413581	0.593816
1.63E-05	0.659633	41.386995	
0.57746	9.705293	36.413581	0.593816
1.63E-05	0.410608	26.191622	
0.71831	9.705293	36.413581	0.593816
1.63E-05	0.161622	11.239492	
0.85915	9.705293	36.413581	0.593816
1.63E-05	0.089276	3.278377	
1.00000	9.705293	36.413581	0.593816
1.63E-05	0.202880	3.071217	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-3.491105	-30.687659	-0.366966
-0.001563	-0.412716	-57.082032	
0.57746	-3.491105	-30.687659	-0.366966
-0.001563	-0.258825	-44.303792	
0.71831	-3.491105	-30.687659	-0.366966
-0.001563	-0.104925	-31.606750	
0.85915	-3.491105	-30.687659	-0.366966
-0.001563	-0.087530	-19.481901	
1.00000	-3.491105	-30.687659	-0.366966
-0.001563	-0.336486	-21.407249	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.478198	62.617570	0.914644
0.005729	1.022952	109.598049	
0.57746	10.478198	62.617570	0.914644
0.005729	0.639398	85.120930	
0.71831	10.478198	62.617570	0.914644
0.005729	0.255868	72.065403	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2103
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	10.478198	62.617570	0.914644
0.005729	0.126493	78.977906	
1.00000	10.478198	62.617570	0.914644
0.005729	0.399173	101.874413	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-18.899312	-114.212097	-0.651083
-0.007704	-0.716067	-101.519842	
0.57746	-18.899312	-114.212097	-0.651083
-0.007704	-0.443954	-59.162837	
0.71831	-18.899312	-114.212097	-0.651083
-0.007704	-0.171970	-38.577871	
0.85915	-18.899312	-114.212097	-0.651083
-0.007704	-0.149177	-23.526081	
1.00000	-18.899312	-114.212097	-0.651083
-0.007704	-0.526972	-13.733802	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.942720	70.383710	1.144389
0.004489	1.285024	114.105024	
0.57746	10.942720	70.383710	1.144389
0.004489	0.805112	90.403806	
0.71831	10.942720	70.383710	1.144389
0.004489	0.325308	74.737871	
0.85915	10.942720	70.383710	1.144389
0.004489	0.124508	73.346633	
1.00000	10.942720	70.383710	1.144389
0.004489	0.428378	88.964876	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-16.498365	-122.452517	-0.725157
-0.005608	-0.803756	-130.015379	
0.57746	-16.498365	-122.452517	-0.725157
-0.005608	-0.500288	-82.702300	
0.71831	-16.498365	-122.452517	-0.725157
-0.005608	-0.196758	-50.377014	
0.85915	-16.498365	-122.452517	-0.725157
-0.005608	-0.169235	-21.352698	
1.00000	-16.498365	-122.452517	-0.725157
-0.005608	-0.645282	-14.863295	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	15.816241	70.746757	1.206475
0.004268	1.358208	117.846818	
0.57746	15.816241	70.746757	1.206475
0.004268	0.852259	93.028637	
0.71831	15.816241	70.746757	1.206475
0.004268	0.346392	74.934198	
0.85915	15.816241	70.746757	1.206475
0.004268	0.132250	68.829658	
1.00000	15.816241	70.746757	1.206475
0.004268	0.470999	77.342223	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-16.099937	-105.404477	-0.808056
-0.004659	-0.897548	-127.776761	
0.57746	-16.099937	-105.404477	-0.808056
-0.004659	-0.559187	-87.421053	
0.71831	-16.099937	-105.404477	-0.808056
-0.004659	-0.220798	-59.762477	
0.85915	-16.099937	-105.404477	-0.808056
-0.004659	-0.175315	-35.478577	
1.00000	-16.099937	-105.404477	-0.808056
-0.004659	-0.674433	-29.769432	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.148235	13.526212	0.353395
0.005043	0.401547	38.408452	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2104
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57746	1.148235	13.526212	0.353395
0.005043	0.253352	36.078454	
0.71831	1.148235	13.526212	0.353395
0.005043	0.105156	43.559730	
0.85915	1.148235	13.526212	0.353395
0.005043	0.076344	68.446904	
1.00000	1.148235	13.526212	0.353395
0.005043	0.201999	102.027111	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-13.552429	-93.154330	-0.301661
-0.005013	-0.323436	-58.055328	
0.57746	-13.552429	-93.154330	-0.301661
-0.005013	-0.197714	-23.722503	
0.71831	-13.552429	-93.154330	-0.301661
-0.005013	-0.072152	-7.777384	
0.85915	-13.552429	-93.154330	-0.301661
-0.005013	-0.061014	-2.057101	
1.00000	-13.552429	-93.154330	-0.301661
-0.005013	-0.204461	-1.310679	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.539193	30.114344	0.708921
0.005370	0.804310	56.689002	
0.57746	7.539193	30.114344	0.708921
0.005370	0.507019	50.526864	
0.71831	7.539193	30.114344	0.708921
0.005370	0.209835	53.488441	
0.85915	7.539193	30.114344	0.708921
0.005370	0.097433	72.717214	
1.00000	7.539193	30.114344	0.708921
0.005370	0.299526	99.863976	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-12.565552	-107.906996	-0.482420
-0.004666	-0.527745	-93.315507	
0.57746	-12.565552	-107.906996	-0.482420
-0.004666	-0.326136	-53.060401	
0.71831	-12.565552	-107.906996	-0.482420
-0.004666	-0.124506	-30.079021	
0.85915	-12.565552	-107.906996	-0.482420
-0.004666	-0.107366	-11.508470	
1.00000	-12.565552	-107.906996	-0.482420
-0.004666	-0.397049	-13.987520	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.728806	77.803317	1.058660
0.003990	0.749656	127.712349	
0.57746	10.728806	77.803317	1.058660
0.003990	0.749656	120.893779	
0.71831	10.728806	77.803317	1.058660
0.003990	0.305805	100.629372	
0.85915	10.728806	77.803317	1.058660
0.003990	0.111490	92.222602	
1.00000	10.728806	77.803317	1.058660
0.003990	0.387258	91.158355	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-19.612547	-106.124675	-0.657818
-0.004230	-0.728989	-114.829233	
0.57746	-19.612547	-106.124675	-0.657818
-0.004230	-0.453620	-74.134910	
0.71831	-19.612547	-106.124675	-0.657818
-0.004230	-0.178196	-45.893769	
0.85915	-19.612547	-106.124675	-0.657818
-0.004230	-0.152688	-21.939948	
1.00000	-19.612547	-106.124675	-0.657818
-0.004230	-0.590869	-17.344240	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2105
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.447347	75.838264	1.112508
0.003878	1.257941	146.758631	
0.57746	11.447347	75.838264	1.112508
0.003878	0.791398	119.839185	
0.71831	11.447347	75.838264	1.112508
0.003878	0.324950	98.401499	
0.85915	11.447347	75.838264	1.112508
0.003878	0.123916	86.850411	
1.00000	11.447347	75.838264	1.112508
0.003878	0.447098	81.295901	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-19.280885	-89.995935	-0.770756
-0.003539	-0.856488	-112.871810	
0.57746	-19.280885	-89.995935	-0.770756
-0.003539	-0.533677	-78.365556	
0.71831	-19.280885	-89.995935	-0.770756
-0.003539	-0.210781	-54.320148	
0.85915	-19.280885	-89.995935	-0.770756
-0.003539	-0.158937	-33.594993	
1.00000	-19.280885	-89.995935	-0.770756
-0.003539	-0.620175	-29.403985	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.128405	16.195613	0.371154
0.000821	0.415342	37.385243	
0.57746	1.128405	16.195613	0.371154
0.000821	0.259694	30.611782	
0.71831	1.128405	16.195613	0.371154
0.000821	0.104060	23.880947	
0.85915	1.128405	16.195613	0.371154
0.000821	0.049056	17.239017	
1.00000	1.128405	16.195613	0.371154
0.000821	0.197136	10.839529	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-5.092506	-2.471809	-0.353008
-6.74E-06	-0.395045	-25.446177	
0.57746	-5.092506	-2.471809	-0.353008
-6.74E-06	-0.247005	-24.456241	
0.71831	-5.092506	-2.471809	-0.353008
-6.74E-06	-0.098953	-23.527794	
0.85915	-5.092506	-2.471809	-0.353008
-6.74E-06	-0.051302	-22.628225	
1.00000	-5.092506	-2.471809	-0.353008
-6.74E-06	-0.207271	-21.764933	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.721843	31.495607	0.679504
0.001621	0.763762	62.584615	
0.57746	11.721843	31.495607	0.679504
0.001621	0.478805	49.609871	
0.71831	11.721843	31.495607	0.679504
0.001621	0.194626	37.172866	
0.85915	11.721843	31.495607	0.679504
0.001621	0.080140	26.323917	
1.00000	11.721843	31.495607	0.679504
0.001621	0.317295	16.582192	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.698022	-12.846635	-0.565223
-0.000193	-0.631580	-53.065969	
0.57746	-7.698022	-12.846635	-0.565223
-0.000193	-0.394559	-48.528496	
0.71831	-7.698022	-12.846635	-0.565223
-0.000193	-0.157520	-45.233190	
0.85915	-7.698022	-12.846635	-0.565223
-0.000193	-0.097442	-42.655318	
1.00000	-7.698022	-12.846635	-0.565223
-0.000193	-0.376600	-40.754358	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2106
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.703960	38.736144	0.913892
0.002015	1.030884	72.877521	
0.57746	7.703960	38.736144	0.913892
0.002015	0.647631	61.894328	
0.71831	7.703960	38.736144	0.913892
0.002015	0.265533	51.921522	
0.85915	7.703960	38.736144	0.913892
0.002015	0.109222	44.400741	
1.00000	7.703960	38.736144	0.913892
0.002015	0.385945	44.419919	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-10.355309	-56.927126	-0.683206
-0.000307	-0.761416	-93.583842	
0.57746	-10.355309	-56.927126	-0.683206
-0.000307	-0.474950	-70.799375	
0.71831	-10.355309	-56.927126	-0.683206
-0.000307	-0.188434	-49.772724	
0.85915	-10.355309	-56.927126	-0.683206
-0.000307	-0.122700	-32.583393	
1.00000	-10.355309	-56.927126	-0.683206
-0.000307	-0.502951	-34.418629	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	8.476102	70.034088	1.067839
0.004505	1.203383	145.230099	
0.57746	8.476102	70.034088	1.067839
0.004505	0.755573	120.709632	
0.71831	8.476102	70.034088	1.067839
0.004505	0.308744	102.601728	
0.85915	8.476102	70.034088	1.067839
0.004505	0.134660	95.981717	
1.00000	8.476102	70.034088	1.067839
0.004505	0.458640	95.398841	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-20.682803	-89.040975	-0.778395
-0.003698	-0.863511	-106.761244	
0.57746	-20.682803	-89.040975	-0.778395
-0.003698	-0.537575	-73.044043	
0.71831	-20.682803	-89.040975	-0.778395
-0.003698	-0.211606	-51.541475	
0.85915	-20.682803	-89.040975	-0.778395
-0.003698	-0.153829	-33.427038	
1.00000	-20.682803	-89.040975	-0.778395
-0.003698	-0.596403	-31.413686	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	17.917709	31.535152	1.176143
1.21E-05	1.305576	38.167725	
0.57746	17.917709	31.535152	1.176143
1.21E-05	0.812629	25.244054	
0.71831	17.917709	31.535152	1.176143
1.21E-05	0.320407	12.628411	
0.85915	17.917709	31.535152	1.176143
1.21E-05	0.059611	5.000576	
1.00000	17.917709	31.535152	1.176143
1.21E-05	0.248154	4.274445	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-5.112312	-44.503674	-0.454739
-0.001718	-0.516619	-93.330063	
0.57746	-5.112312	-44.503674	-0.454739
-0.001718	-0.325346	-74.971861	
0.71831	-5.112312	-44.503674	-0.454739
-0.001718	-0.136099	-56.918995	
0.85915	-5.112312	-44.503674	-0.454739
-0.001718	-0.178680	-41.389925	
1.00000	-5.112312	-44.503674	-0.454739
-0.001718	-0.670461	-34.922289	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2107
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	18.990893	54.652887	1.605622
0.006006	1.793130	103.040575	
0.57746	18.990893	54.652887	1.605622
0.006006	1.119951	82.453834	
0.71831	18.990893	54.652887	1.605622
0.006006	0.450078	74.330088	
0.85915	18.990893	54.652887	1.605622

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 0.006006     0.159263    85.261450
 1.00000     18.990893    54.652887     1.605622
 0.006006     0.528690   108.082637

COMB DL-G1-2 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -22.454029  -126.673510   -0.910152
-0.007767   -1.009730  -143.005102
0.57746   -22.454029  -126.673510   -0.910152
-0.007767   -0.627774   -91.866203
0.71831   -22.454029  -126.673510   -0.910152
-0.007767   -0.250160   -64.043827
0.85915   -22.454029  -126.673510   -0.910152
-0.007767   -0.252550   -42.845114
1.00000   -22.454029  -126.673510   -0.910152
-0.007767   -0.917454   -29.527391

COMB DL-G1-3 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    19.879814    66.719086    2.027436
 0.004786    2.271528   123.579355
0.57746    19.879814    66.719086    2.027436
 0.004786    1.420851    99.116650
0.71831    19.879814    66.719086    2.027436
 0.004786    0.573336    84.020359
0.85915    19.879814    66.719086    2.027436
 0.004786    0.178517    83.312200
1.00000    19.879814    66.719086    2.027436
 0.004786    0.633483    99.779009

COMB DL-G1-3 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -21.429644  -128.433619   -1.109392
-0.005858   -1.235836  -158.046112
0.57746   -21.429644  -128.433619   -1.109392
-0.005858   -0.770679  -105.915999
0.71831   -21.429644  -128.433619   -1.109392
-0.005858   -0.308448   -70.574570
0.85915   -21.429644  -128.433619   -1.109392
-0.005858   -0.296272   -39.884391
1.00000   -21.429644  -128.433619   -1.109392
-0.005858   -1.139758   -29.185028

COMB DL-G1-4 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    23.701411    72.613018    2.291780
 0.004549    2.568130   133.277558
0.57746    23.701411    72.613018    2.291780
 0.004549    1.606511   106.048868
0.71831    23.701411    72.613018    2.291780
 0.004549    0.647065    86.621687
0.85915    23.701411    72.613018    2.291780
 0.004549    0.198988    79.389301
1.00000    23.701411    72.613018    2.291780
 0.004549    0.730321    87.110123

COMB DL-G1-4 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -21.083039  -110.262098   -1.286967
-0.004868   -1.435502  -150.673630
0.57746   -21.083039  -110.262098   -1.286967
-0.004868   -0.895813  -106.126845
0.71831   -21.083039  -110.262098   -1.286967
-0.004868   -0.358579   -75.692762
0.85915   -21.083039  -110.262098   -1.286967
-0.004868   -0.329935   -49.801931
1.00000   -21.083039  -110.262098   -1.286967
-0.004868   -1.284029   -41.390706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2108

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    1.787024    14.218323    0.468124
 0.004422    0.529257    46.095887
0.57746    1.787024    14.218323    0.468124
 0.004422    0.333098    42.960104
0.71831    1.787024    14.218323    0.468124
 0.004422    0.139244    49.097557
0.85915    1.787024    14.218323    0.468124
 0.004422    0.057676    71.172817
1.00000    1.787024    14.218323    0.468124
 0.004422    0.294822    98.732656

COMB DL-G2-1 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -17.392968   -80.874268   -0.477315
-0.004155   -0.514754   -55.654772
0.57746   -17.392968   -80.874268   -0.477315
-0.004155   -0.314656   -23.504242
0.71831   -17.392968   -80.874268   -0.477315
-0.004155   -0.116768    -8.092524
0.85915   -17.392968   -80.874268   -0.477315
-0.004155   -0.073741    -2.620761
1.00000   -17.392968   -80.874268   -0.477315
-0.004155   -0.266764    -2.000570

COMB DL-G2-2 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    9.203993    36.778192    1.226187
 0.004889    1.379671    81.092264
0.57746    9.203993    36.778192    1.226187
 0.004889    0.864494    69.671387
0.71831    9.203993    36.778192    1.226187
 0.004889    0.352976    67.050025
0.85915    9.203993    36.778192    1.226187
 0.004889    0.145991    78.420652
1.00000    9.203993    36.778192    1.226187
 0.004889    0.487198   100.352228

COMB DL-G2-2 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -16.566203   -92.113993   -0.826614
-0.003965   -0.908892   -84.349454
0.57746   -16.566203   -92.113993   -0.826614
-0.003965   -0.562545   -47.515844
0.71831   -16.566203   -92.113993   -0.826614
-0.003965   -0.217894   -26.706055
0.85915   -16.566203   -92.113993   -0.826614
-0.003965   -0.176142   -11.395860
1.00000   -16.566203   -92.113993   -0.826614
-0.003965   -0.685713   -13.865510

COMB DL-G2-3 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    15.350599    78.293803    1.849132
 0.003403    2.078469   161.720084
0.57746    15.350599    78.293803    1.849132
 0.003403    1.302092   132.265595
0.71831    15.350599    78.293803    1.849132
 0.003403    0.528653   108.792995
0.85915    15.350599    78.293803    1.849132
 0.003403    0.174351    95.220684
1.00000    15.350599    78.293803    1.849132
 0.003403    0.637689    91.773186

COMB DL-G2-3 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -23.770739   -99.308393   -1.116706
-0.003573   -1.240816  -122.131805
0.57746   -23.770739   -99.308393   -1.116706
-0.003573   -0.772644   -81.920009
0.71831   -23.770739   -99.308393   -1.116706
-0.003573   -0.306064   -52.360451
0.85915   -23.770739   -99.308393   -1.116706
-0.003573   -0.256237   -27.621159
1.00000   -23.770739   -99.308393   -1.116706
-0.003573   -1.028450   -19.622677
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2109

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    15.646690    81.121410    2.108857
 0.003438    2.372864   166.732001
0.57746    15.646690    81.121410    2.108857
 0.003438    1.487746   135.704059
0.71831    15.646690    81.121410    2.108857
 0.003438    0.604287   109.742190
0.85915    15.646690    81.121410    2.108857
 0.003438    0.204238    92.128554
1.00000    15.646690    81.121410    2.108857
 0.003438    0.767437    83.329194

COMB DL-G2-4 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -24.164455   -84.785097   -1.352535
-0.002991   -1.505830  -119.664952
0.57746   -24.164455   -84.785097   -1.352535
-0.002991   -0.938735   -85.061909
0.71831   -24.164455   -84.785097   -1.352535
-0.002991   -0.372872   -60.229402
0.85915   -24.164455   -84.785097   -1.352535
-0.002991   -0.287721   -38.924923
1.00000   -24.164455   -84.785097   -1.352535
-0.002991   -1.169541   -32.193515

COMB DL-G3-1 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    2.054315    23.200102    0.837235
 0.000886    0.944487    50.039144
0.57746    2.054315    23.200102    0.837235
 0.000886    0.593456    40.630774
0.71831    2.054315    23.200102    0.837235
 0.000886    0.241123    31.381432
0.85915    2.054315    23.200102    0.837235
 0.000886    0.099395    22.522916
1.00000    2.054315    23.200102    0.837235
 0.000886    0.394535    14.319194

COMB DL-G3-1 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -9.198554   -3.923967   -0.702915
-3.95E-06   -0.784299   -27.353512
0.57746   -9.198554   -3.923967   -0.702915
-3.95E-06   -0.489514   -26.046727
0.71831   -9.198554   -3.923967   -0.702915
-3.95E-06   -0.194466   -24.932407
0.85915   -9.198554   -3.923967   -0.702915
-3.95E-06   0.106992   -24.207246
1.00000   -9.198554   -3.923967   -0.702915
-3.95E-06   -0.458606   -24.079917

COMB DL-G3-2 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    13.421087    44.558426    1.576745
 0.001687    1.770816    85.782202
0.57746    13.421087    44.558426    1.576745
 0.001687    1.109346    67.745303
0.71831    13.421087    44.558426    1.576745
 0.001687    0.446560    50.264435
0.85915    13.421087    44.558426    1.576745
 0.001687    0.153158    34.156546
1.00000    13.421087    44.558426    1.576745
 0.001687    0.608993    20.148455

COMB DL-G3-2 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -12.207667   -13.168368   -1.085919
-0.000123   -1.212711   -53.182479
0.57746   -12.207667   -13.168368   -1.085919
-0.000123   -0.757271   -48.447196
0.71831   -12.207667   -13.168368   -1.085919
-0.000123   -0.301586   -44.705528
0.85915   -12.207667   -13.168368   -1.085919
-0.000123   -0.213114   -42.778489
1.00000   -12.207667   -13.168368   -1.085919
-0.000123   -0.872420   -43.089852
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2110

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    10.142669    51.623329    1.829587
 0.001745    2.061734   106.713533
0.57746    10.142669    51.623329    1.829587
 0.001745    1.293751    87.452606
0.71831    10.142669    51.623329    1.829587
 0.001745    0.525698    69.634568
0.85915    10.142669    51.623329    1.829587
 0.001745    0.184155    55.004259
1.00000    10.142669    51.623329    1.829587
 0.001745    0.720969    50.458347

COMB DL-G3-3 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -17.026233   -47.633879   -1.278149
-5.79E-06   -1.423377   -84.787691
0.57746   -17.026233   -47.633879   -1.278149
-5.79E-06   -0.887582   -65.864536
0.71831   -17.026233   -47.633879   -1.278149
-5.79E-06   -0.350990   -47.778660
0.85915   -17.026233   -47.633879   -1.278149
-5.79E-06   -0.237358   -34.369530
1.00000   -17.026233   -47.633879   -1.278149
-5.79E-06   -1.003664   -36.919654

COMB DL-G3-4 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    11.805515    78.452735    2.019409
 0.003792    2.274326   170.645622
0.57746    11.805515    78.452735    2.019409
 0.003792    1.426895   140.910100
0.71831    11.805515    78.452735    2.019409
 0.003792    0.580595   116.755913
0.85915    11.805515    78.452735    2.019409
 0.003792    0.225103   102.136625
1.00000    11.805515    78.452735    2.019409
 0.003792    0.829549    96.383684

COMB DL-G3-4 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -27.175899   -79.144909   -1.447121
-0.002834   -1.603015  -106.991140
0.57746   -27.175899   -79.144909   -1.447121
-0.002834   -0.996516   -75.435598
0.71831   -27.175899   -79.144909   -1.447121
-0.002834   -0.392602   -53.704064
0.85915   -27.175899   -79.144909   -1.447121
-0.002834   -0.272495   -37.190029
1.00000   -27.175899   -79.144909   -1.447121
-0.002834   -1.116891   -34.554336

COMB DB ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    15.816241    77.803317    1.206475
 0.005729    1.358208   147.712249
0.57746    15.816241    77.803317    1.206475
 0.005729    0.852259   120.493779
0.71831    15.816241    77.803317    1.206475
 0.005729    0.346392   102.601728
0.85915    15.816241    77.803317    1.206475
 0.005729    0.134660    95.981717
1.00000    15.816241    77.803317    1.206475
 0.005729    0.470999   102.027111

COMB DB ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -20.682803  -122.452517   -0.808056
-0.007704   -0.897548  -130.015379
0.57746   -20.682803  -122.452517   -0.808056
-0.007704   -0.559187   -87.421053
0.71831   -20.682803  -122.452517   -0.808056
-0.007704   -0.220798   -59.762477
0.85915   -20.682803  -122.452517   -0.808056
-0.007704   -0.175515   -42.655318
1.00000   -20.682803  -122.452517   -0.808056
-0.007704   -0.674433   -40.754358
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2111

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    23.701411    81.121410    2.291780
 0.006006    2.568130   170.645622
0.57746    23.701411    81.121410    2.291780
 0.006006    1.606511   140.910100
0.71831    23.701411    81.121410    2.291780
 0.006006    0.647065   116.755913
0.85915    23.701411    81.121410    2.291780
 0.006006    0.225103   102.136625
1.00000    23.701411    81.121410    2.291780
 0.006006    0.829549   108.082637

COMB DL ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -27.175899  -128.433619   -1.447121
-0.007767   -1.603015  -158.046112
0.57746   -27.175899  -128.433619   -1.447121
-0.007767   -0.996516  -106.126845
0.71831   -27.175899  -128.433619   -1.447121
-0.007767   -0.392602   -75.692762
0.85915   -27.175899  -128.433619   -1.447121
-0.007767   -0.329935   -49.801931
1.00000   -27.175899  -128.433619   -1.447121
-0.007767   -1.284029   -43.089852

COMB CAR ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    23.701411    81.121410    2.291780
 0.006006    2.568130   170.645622
0.57746    23.701411    81.121410    2.291780
 0.006006    1.606511   140.910100
0.71831    23.701411    81.121410    2.291780
 0.006006    0.647065   116.755913
0.85915    23.701411    81.121410    2.291780
 0.006006    0.225103   102.136625
1.00000    23.701411    81.121410    2.291780
 0.006006    0.829549   108.082637

COMB CAR ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -27.175899  -128.433619   -1.447121
-0.007767   -1.603015  -158.046112
0.57746   -27.175899  -128.433619   -1.447121
-0.007767   -0.996516  -106.126845
0.71831   -27.175899  -128.433619   -1.447121
-0.007767   -0.392602   -75.692762
0.85915   -27.175899  -128.433619   -1.447121
-0.007767   -0.329935   -49.801931
1.00000   -27.175899  -128.433619   -1.447121
-0.007767   -1.284029   -43.089852

COMB DESIGN ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.43661    23.701411    81.121410    2.291780
 0.006006    2.568130   170.645622
0.57746    23.701411    81.121410    2.291780
 0.006006    1.606511   140.910100
0.71831    23.701411    81.121410    2.291780
 0.006006    0.647065   116.755913
0.85915    23.701411    81.121410    2.291780
 0.006006    0.225103   102.136625
1.00000    23.701411    81.121410    2.291780
 0.006006    0.829549   108.082637

COMB DESIGN ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.43661   -27.175899  -128.433619   -1.447121
-0.007767   -1.603015  -158.046112
0.57746   -27.175899  -128.433619   -1.447121
-0.007767   -0.996516  -106.126845
0.71831   -27.175899  -128.433619   -1.447121
-0.007767   -0.392602   -75.692762
0.85915   -27.175899  -128.433619   -1.447121
-0.007767   -0.329935   -49.801931
1.00000   -27.175899  -128.433619   -1.447121
-0.007767   -1.284029   -43.089852
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2112

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      185 ================== LENGTH
=     2.977431

COMB DB-G1-1 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    9.698638    36.041729    0.524130
 7.13E-06    0.285247    3.068127
0.14085    9.698638    36.041729    0.524130
 7.13E-06    0.065529    8.020848
0.28169    9.698638    36.041729    0.524130
 7.13E-06    0.107818    20.505795
0.42254    9.698638    36.041729    0.524130
 7.13E-06    0.274036    33.275145
0.56338    9.698638    36.041729    0.524130
 7.13E-06    0.440252    46.055681

COMB DB-G1-1 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -3.466053   -30.617763   -0.396364
-0.001553   -0.224646   -21.417895
0.14085   -3.466053   -30.617763   -0.396364
-0.001553   -0.058447   -35.710924
0.28169   -3.466053   -30.617763   -0.396364
-0.001553   -0.154519   -50.548047
0.42254   -3.466053   -30.617763   -0.396364
-0.001553   -0.374310   -65.607534
0.56338   -3.466053   -30.617763   -0.396364
-0.001553   -0.594102   -80.690497

COMB DB-G1-2 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    10.470052   127.087356    0.895687
 0.005803    0.522382   102.231440
0.14085    10.470052   127.087356    0.895687
 0.005803    0.148033    83.659610
0.28169    10.470052   127.087356    0.895687
 0.005803    0.159538    72.500748
0.42254    10.470052   127.087356    0.895687
 0.005803    0.397545    83.666306
0.56338    10.470052   127.087356    0.895687
 0.005803    0.636179   104.787990

COMB DB-G1-2 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -21.030187   -52.967207   -0.569256
-0.007608   -0.328084   -13.741329
0.14085   -21.030187   -52.967207   -0.569256
-0.007608   -0.099556   -34.607435
0.28169   -21.030187   -52.967207   -0.569256
-0.007608   -0.253393   -57.033494
0.42254   -21.030187   -52.967207   -0.569256
-0.007608   -0.624172   -87.186485
0.56338   -21.030187   -52.967207   -0.569256
-0.007608   -0.994984  -137.629562

COMB DB-G1-3 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    10.999193   114.145644    1.170250
 0.004093    0.670030    89.199980
0.14085    10.999193   114.145644    1.170250
 0.004093    0.180207    91.795482
0.28169    10.999193   114.145644    1.170250
 0.004093    0.188341   102.329866
0.42254    10.999193   114.145644    1.170250
 0.004093    0.470473   128.744092
0.56338    10.999193   114.145644    1.170250
 0.004093    0.752875   161.978241

COMB DB-G1-3 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -17.946196   -81.223202   -0.673579
-0.005546   -0.383335   -14.859777
0.14085   -17.946196   -81.223202   -0.673579
-0.005546   -0.107590   -40.374565
0.28169   -17.946196   -81.223202   -0.673579
-0.005546   -0.328247   -67.223241
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2113

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
      T          M2           M3
0.42254   -17.946196   -81.223202   -0.673579
-0.005546   -0.815709   -99.302013
0.56338   -17.946196   -81.223202   -0.673579
-0.005546   -1.303196  -145.209785

COMB DB-G1-4 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    15.872526   107.088641    1.264287
 0.004099    0.721919    77.543842
0.14085    15.872526   107.088641    1.264287
 0.004099    0.192502    76.745475
0.28169    15.872526   107.088641    1.264287
 0.004099    0.213331    85.739231
0.42254    15.872526   107.088641    1.264287
 0.004099    0.533053   108.431404
0.56338    15.872526   107.088641    1.264287
 0.004099    0.852987   137.071073

COMB DB-G1-4 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -17.308755   -71.290928   -0.763043
-0.004608   -0.432229   -29.769544
0.14085   -17.308755   -71.290928   -0.763043
-0.004608   -0.117782   -50.869655
0.28169   -17.308755   -71.290928   -0.763043
-0.004608   -0.352388   -73.165474
0.42254   -17.308755   -71.290928   -0.763043
-0.004608   -0.879855  -100.213132
0.56338   -17.308755   -71.290928   -0.763043
-0.004608   -1.407334  -139.515440

COMB DB-G2-1 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    1.152898    68.031553    0.423080
 0.004851    0.263262   102.322377
0.14085    1.152898    68.031553    0.423080
 0.004851    0.086927    91.906493
0.28169    1.152898    68.031553    0.423080
 0.004851    0.056646    82.114691
0.42254    1.152898    68.031553    0.423080
 0.004851    0.134111    90.773750
0.56338    1.152898    68.031553    0.423080
 0.004851    0.212117   107.629457

COMB DB-G2-1 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -15.370318   -42.241175   -0.186203
-0.004804   -0.108133   -4.305317
0.14085   -15.370318   -42.241175   -0.186203
-0.004804   -0.038664   -3.724851
0.28169   -15.370318   -42.241175   -0.186203
-0.004804   -0.112201   -6.521060
0.42254   -15.370318   -42.241175   -0.186203
-0.004804   -0.285540   -15.753065
0.56338   -15.370318   -42.241175   -0.186203
-0.004804   -0.458948   -41.943521

COMB DB-G2-2 ---------- MAX

REL DIST          P            V2           V3
      T          M2           M3
0.00000    7.620893    80.851186    0.819196
 0.004999    0.484968   100.140563
0.14085    7.620893    80.851186    0.819196
 0.004999    0.142402    95.646599
0.28169    7.620893    80.851186    0.819196
 0.004999    0.110637    93.672865
0.42254    7.620893    80.851186    0.819196
 0.004999    0.270231   109.902826
0.56338    7.620893    80.851186    0.819196
 0.004999    0.430139   134.142926

COMB DB-G2-2 ---------- MIN

REL DIST          P            V2           V3
      T          M2           M3
0.00000   -14.264414   -60.841281   -0.381492
-0.004471   -0.217050   -13.976949
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2114

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
      T          M2           M3
0.14085   -14.264414   -60.841281   -0.381492
-0.004471   -0.064810   -20.861376
```

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0.28169   -14.264414   -60.841281   -0.381492
-0.004471   -0.221294   -28.297427
0.42254   -14.264414   -60.841281   -0.381492
-0.004471   -0.561078   -42.219314
0.56338   -14.264414   -60.841281   -0.381492
-0.004471   -0.900878   -72.835956

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.791335  113.140958    1.132835
 0.003632   0.649893   91.339888
0.14085   10.791335  113.140958    1.132835
 0.003632   0.175525   85.439664
0.28169   10.791335  113.140958    1.132835
 0.003632   0.170205   95.014256
0.42254   10.791335  113.140958    1.132835
 0.003632   0.423304  118.428640
0.56338   10.791335  113.140958    1.132835
 0.003632   0.678583  147.758273

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -20.785835   -72.920932   -0.606459
-0.004367   -0.343875   -17.323368
0.14085  -20.785835   -72.920932   -0.606459
-0.004367   -0.094919   -26.987120
0.28169  -20.785835   -72.920932   -0.606459
-0.004367   -0.313883   -55.200818
0.42254  -20.785835   -72.920932   -0.606459
-0.004367   -0.786260   -88.098567
0.56338  -20.785835   -72.920932   -0.606459
-0.004367   -1.258667  -132.996209

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.505151  105.500172    1.223121
 0.003772   0.700779   81.453952
0.14085   11.505151  105.500172    1.223121
 0.003772   0.188443   71.877043
0.28169   11.505151  105.500172    1.223121
 0.003772   0.203776   79.575473
0.42254   11.505151  105.500172    1.223121
 0.003772   0.508951   99.521176
0.56338   11.505151  105.500172    1.223121
 0.003772   0.814229  124.369959

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -20.271261   -62.193577   -0.728069
-0.003652   -0.411364   -29.389043
0.14085  -20.271261   -62.193577   -0.728069
-0.003652   -0.171468   -37.133369
0.28169  -20.271261   -62.193577   -0.728069
-0.003652   -0.336492   -60.301950
0.42254  -20.271261   -62.193577   -0.728069
-0.003652   -0.847176   -87.313044
0.56338  -20.271261   -62.193577   -0.728069
-0.003652   -1.357876  -124.231781

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.134235   16.367639    0.415320
 0.001180   0.236314   4.841719
0.14085    1.134235   16.367639    0.415320
 0.001180   0.063915   5.834739
0.28169    1.134235   16.367639    0.415320
 0.001180   0.098465   3.317707
0.42254    1.134235   16.367639    0.415320
 0.001180   0.247015   2.199505
0.56338    1.134235   16.367639    0.415320
 0.001180   0.395550   2.866514
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2115

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -5.105986   -2.418700   -0.354199
-9.58E-06   -0.198603   -21.768636
0.14085   -5.105986   -2.418700   -0.354199
-9.58E-06   -0.049990   -20.960073
0.28169   -5.105986   -2.418700   -0.354199
-9.58E-06   -0.110227   -20.231875
0.42254   -5.105986   -2.418700   -0.354199
-9.58E-06   -0.284389   -19.610313
0.56338   -5.105986   -2.418700   -0.354199
-9.58E-06   -0.458552   -19.040248

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.746066   33.701295    0.767188
 0.002107   0.437325   16.607537
0.14085   11.746066   33.701295    0.767188
 0.002107   0.156591   7.762077
0.28169   11.746066   33.701295    0.767188
 0.002107   0.156009   6.190788
0.42254   11.746066   33.701295    0.767188
 0.002107   0.390310   8.355882
0.56338   11.746066   33.701295    0.767188
 0.002107   0.624614   12.100948

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -7.787079   -11.151529   -0.558732
-0.000185   -0.313915   -40.761900
0.14085   -7.787079   -11.151529   -0.558732
-0.000185   -0.078789   -39.930816
0.28169   -7.787079   -11.151529   -0.558732
-0.000185   -0.206917   -40.837575
0.42254   -7.787079   -11.151529   -0.558732
-0.000185   -0.528512   -43.040288
0.56338   -7.787079   -11.151529   -0.558732
-0.000185   -0.850084   -46.980536

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.786581   42.213111    1.047149
 0.001920   0.596806   44.440479
0.14085    7.786581   42.213111    1.047149
 0.001920   0.157810   54.973970
0.28169    7.786581   42.213111    1.047149
 0.001920   0.184181   70.367485
0.42254    7.786581   42.213111    1.047149
 0.001920   0.458744   91.225456
0.56338    7.786581   42.213111    1.047149
 0.001920   0.733202  113.460686

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -10.487579   -54.475691   -0.654526
-0.000294   -0.365288   -34.416075
0.14085  -10.487579   -54.475691   -0.654526
-0.000294   -0.091116   -40.194535
0.28169  -10.487579   -54.475691   -0.654526
-0.000294   -0.282218   -46.220040
0.42254  -10.487579   -54.475691   -0.654526
-0.000294   -0.721698   -53.018123
0.56338  -10.487579   -54.475691   -0.654526
-0.000294   -1.160583   -61.646727

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    8.537440  105.307606    1.193367
 0.004512   0.689988   95.591388
0.14085    8.537440  105.307606    1.193367
 0.004512   0.190154   78.565175
0.28169    8.537440  105.307606    1.193367
 0.004512   0.202643   77.902224
0.42254    8.537440  105.307606    1.193367
 0.004512   0.504681   94.026783
0.56338    8.537440  105.307606    1.193367
 0.004512   0.806965  116.360122
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2116

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -21.878465   -56.087347   -0.720899
-0.003789   -0.407384   -31.402441
0.14085  -21.878465   -56.087347   -0.720899
-0.003789   -0.110427   -34.135228
0.28169  -21.878465   -56.087347   -0.720899
-0.003789   -0.324346   -52.009287
0.42254  -21.878465   -56.087347   -0.720899
-0.003789   -0.822173   -75.505172
0.56338  -21.878465   -56.087347   -0.720899
-0.003789   -1.320003  -110.706919

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   17.908205   31.214008    1.072747
 4.27E-06   0.589408   4.269084
0.14085   17.908205   31.214008    1.072747
 4.27E-06   0.139821   8.980847
0.28169   17.908205   31.214008    1.072747
 4.27E-06   0.153450   23.800325
0.42254   17.908205   31.214008    1.072747
 4.27E-06   0.405483   40.668034
0.56338   17.908205   31.214008    1.072747
 4.27E-06   0.658192   58.565108

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -5.097529   -44.396692   -0.601808
-0.001765   -0.349811   -34.914044
0.14085   -5.097529   -44.396692   -0.601808
-0.001765   -0.097925   -36.628777
0.28169   -5.097529   -44.396692   -0.601808
-0.001765   -0.310566   -46.095073
0.42254   -5.097529   -44.396692   -0.601808
-0.001765   -0.760370   -57.509079
0.56338   -5.097529   -44.396692   -0.601808
-0.001765   -1.210183   -69.919150

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   18.951771   117.129487    1.624368
 0.005798   0.936202   108.139886
0.14085   18.951771   117.129487    1.624368
 0.005798   0.257862   87.967375
0.28169   18.951771   117.129487    1.624368
 0.005798   0.254291   78.915525
0.42254   18.951771   117.129487    1.624368
 0.005798   0.647487   93.100722
0.56338   18.951771   117.129487    1.624368
 0.005798   1.043529  118.705120

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -25.693317   -66.641323   -0.944851
-0.008292   -0.553490   -29.509272
0.14085  -25.693317   -66.641323   -0.944851
-0.008292   -0.167245   -35.245433
0.28169  -25.693317   -66.641323   -0.944851
-0.008292   -0.452973   -49.904810
0.42254  -25.693317   -66.641323   -0.944851
-0.008292   -1.127118   -76.569273
0.56338  -25.693317   -66.641323   -0.944851
-0.008292   -1.803294  -123.551329

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   19.903598   111.050209    2.083081
 0.004299   0.548986   99.817093
0.14085   19.903598   111.050209    2.083081
 0.004299   0.312442   96.482664
0.28169   19.903598   111.050209    2.083081
 0.004299   0.312162  104.423050
0.42254   19.903598   111.050209    2.083081
 0.004299   0.789373  129.469441
0.56338   19.903598   111.050209    2.083081
 0.004299   1.266749  162.657538
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2117

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -23.758319   -86.090834   -1.143437
-0.006245   -0.657871   -29.162950
0.14085  -23.758319   -86.090834   -1.143437
-0.006245   -0.185786   -41.289323
0.28169  -23.758319   -86.090834   -1.143437
-0.006245   -0.580223   -61.581165
0.42254  -23.758319   -86.090834   -1.143437
-0.006245   -1.448871   -90.949137
0.56338  -23.758319   -86.090834   -1.143437
-0.006245   -2.318921  -134.746980

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.726940   109.467881    2.340214
 0.004277   1.323456   87.149431
0.14085   23.726940   109.467881    2.340214
 0.004277   0.534015   80.603319
0.28169   23.726940   109.467881    2.340214
 0.004277   0.361810   87.635544
0.42254   23.726940   109.467881    2.340214
 0.004277   0.913422  109.381760
0.56338   23.726940   109.467881    2.340214
 0.004277   1.466805  138.088580

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -23.033492   -75.267345   -1.320037
-0.005190   -0.754671   -41.375438
0.14085  -23.033492   -75.267345   -1.320037
-0.005190   -0.207088   -53.628956
0.28169  -23.033492   -75.267345   -1.320037
-0.005190   -0.652243   -75.664800
0.42254  -23.033492   -75.267345   -1.320037
-0.005190   -1.629916  -105.427313
0.56338  -23.033492   -75.267345   -1.320037
-0.005190   -2.608542  -147.245663

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.774145   58.418719    0.580081
 0.004062   0.354233   98.769142
0.14085    1.774145   58.418719    0.580081
 0.004062   0.113122   91.074312
0.28169    1.774145   58.418719    0.580081
 0.004062   0.100194   83.870012
0.42254    1.774145   58.418719    0.580081
 0.004062   0.235430   91.011889
0.56338    1.774145   58.418719    0.580081
 0.004062   0.372447  105.816993

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -19.686005   -39.255841   -0.328094
-0.004467   -0.187829   -1.985866
0.14085  -19.686005   -39.255841   -0.328094
-0.004467   -0.057210   -3.804544
0.28169  -19.686005   -39.255841   -0.328094
-0.004467   -0.151316   -6.196766
0.42254  -19.686005   -39.255841   -0.328094
-0.004467   -0.245422   -15.206695
0.56338  -19.686005   -39.255841   -0.328094
-0.004467   -0.629238   -38.147717

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    9.253153   79.025325    1.337758
 0.004354   0.772804   100.396152
0.14085    9.253153   79.025325    1.337758
 0.004354   0.214057   95.065246
0.28169    9.253153   79.025325    1.337758
 0.004354   0.264320   92.501098
0.42254    9.253153   79.025325    1.337758
 0.004354   0.497535  104.277821
0.56338    9.253153   79.025325    1.337758
 0.004354   0.792638  123.653027
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2118

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -18.796298   -52.603007   -0.704635
-0.004185   -0.399556   -13.851785
0.14085  -18.796298   -52.603007   -0.704635
-0.004185   -0.110496   -22.501544
0.28169  -18.796298   -52.603007   -0.704635
-0.004185   -0.364625   -32.693155
0.42254  -18.796298   -52.603007   -0.704635
-0.004185   -0.920822   -49.369193
0.56338  -18.796298   -52.603007   -0.704635
-0.004185   -1.478749   -79.388185

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   15.387128   105.139324    1.954301
 0.002950   1.108787   91.788257
0.14085   15.387128   105.139324    1.954301
 0.002950   0.291181   85.589599
0.28169   15.387128   105.139324    1.954301
 0.002950   0.301435   98.211705
0.42254   15.387128   105.139324    1.954301
 0.002950   0.774562  121.816823
0.56338   15.387128   105.139324    1.954301
 0.002950   1.203783  149.504200

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -25.212065   -73.710259   -1.078209
-0.004036   -0.610614   -19.593367
0.14085  -25.212065   -73.710259   -1.078209
-0.004036   -0.163086   -27.108254
0.28169  -25.212065   -73.710259   -1.078209
-0.004036   -0.540105   -54.532034
0.42254  -25.212065   -73.710259   -1.078209
-0.004036   -1.356075   -86.851871
0.56338  -25.212065   -73.710259   -1.078209
-0.004036   -2.173528  -128.043336

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   15.684292   103.745135    2.243487
 0.003266   1.270493   83.349564
0.14085   15.684292   103.745135    2.243487
 0.003266   0.331075   72.222456
0.28169   15.684292   103.745135    2.243487
 0.003266   0.367644   82.444339
0.42254   15.684292   103.745135    2.243487
 0.003266   0.918414  102.043976
0.56338   15.684292   103.745135    2.243487
 0.003266   1.470880  126.069933

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -25.394926   -63.333138   -1.316942
-0.003377   -0.743012   -32.172583
0.14085  -25.394926   -63.333138   -1.316942
-0.003377   -0.194160   -38.519417
0.28169  -25.394926   -63.333138   -1.316942
-0.003377   -0.617875   -65.540529
0.42254  -25.394926   -63.333138   -1.316942
-0.003377   -1.556613   -97.228633
0.56338  -25.394926   -63.333138   -1.316942
-0.003377   -2.495985  -136.399692

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.064564   23.435928    0.926581
 0.001300   0.264567   14.330437
0.14085    2.064564   23.435928    0.926581
 0.001300   0.136178   6.878139
0.28169    2.064564   23.435928    0.926581
 0.001300   0.189562   3.310256
0.42254    2.064564   23.435928    0.926581
 0.001300   0.472356   3.324659
0.56338    2.064564   23.435928    0.926581
 0.001300   0.754865   3.847515
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2119

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.236956   -3.915809   -0.673576
-6.95E-06   -0.374960   -24.084956
0.14085   -9.236956   -3.915809   -0.673576
-6.95E-06   -0.092253   -24.139246
0.28169   -9.236956   -3.915809   -0.673576
-6.95E-06   -0.249932   -27.056615
0.42254   -9.236956   -3.915809   -0.673576
-6.95E-06   -0.639411   -33.159503
0.56338   -9.236956   -3.915809   -0.673576
-6.95E-06   -1.028138   -39.627669

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   13.436839   46.131619    1.643973
 0.002160   0.923007   20.168486
0.14085   13.436839   46.131619    1.643973
 0.002160   0.234115   9.454933
0.28169   13.436839   46.131619    1.643973
 0.002160   0.297355   6.220291
0.42254   13.436839   46.131619    1.643973
 0.002160   0.743589   8.527550
0.56338   13.436839   46.131619    1.643973
 0.002160   1.189562   12.597223

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -12.332604   -12.224230   -1.063683
-0.000130   -0.595230   -43.096808
0.14085  -12.332604   -12.224230   -1.063683
-0.000130   -0.149846   -46.390558
0.28169  -12.332604   -12.224230   -1.063683
-0.000130   -0.452861   -55.540370
0.42254  -12.332604   -12.224230   -1.063683
-0.000130   -1.143245   -68.901805
0.56338  -12.332604   -12.224230   -1.063683
-0.000130   -1.832993   -83.283003

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.220402   51.969772    1.980251
 0.001753   1.115006   50.468447
0.14085   10.220402   51.969772    1.980251
 0.001753   0.284800   56.582479
0.28169   10.220402   51.969772    1.980251
 0.001753   0.341046   69.199116
0.42254   10.220402   51.969772    1.980251
 0.001753   0.845265   86.234789
0.56338   10.220402   51.969772    1.980251
 0.001753   1.349400  104.537986

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -17.106916   -48.306855   -1.201928
-8.06E-06   -0.667728   -36.915997
0.14085  -17.106916   -48.306855   -1.201928
-8.06E-06   -0.163510   -45.236527
0.28169  -17.106916   -48.306855   -1.201928
-8.06E-06   -0.541631   -58.114019
0.42254  -17.106916   -48.306855   -1.201928
-8.06E-06   -1.372529   -74.226504
0.56338  -17.106916   -48.306885   -1.201928
-8.06E-06   -2.203518   -90.652016

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.851808   103.173430    2.195313
 0.003754   1.249471   96.411297
0.14085   11.851808   103.173430    2.195313
 0.003754   0.330453   80.598062
0.28169   11.851808   103.173430    2.195313
 0.003754   0.379689   82.175980
0.42254   11.851808   103.173430    2.195313
 0.003754   0.941061   97.208727
0.56338   11.851808   103.173430    2.195313
 0.003754   1.503785  118.011948
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2120

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.528833   -55.873520   -1.341928
-0.003197   -0.752914   -34.539730
0.14085  -28.528833   -55.873520   -1.341928
-0.003197   -0.194096   -38.598178
0.28169  -28.528833   -55.873520   -1.341928
-0.003197   -0.599146   -60.211443
0.42254  -28.528833   -55.873520   -1.341928
-0.003197   -1.517320   -89.826781
0.56338  -28.528833   -55.873520   -1.341928
-0.003197   -2.436361  -127.760475

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   15.872526   127.087356    1.264287
 0.005803   0.721919   102.322377
0.14085   15.872526   127.087356    1.264287
 0.005803   0.192502   95.646599
0.28169   15.872526   127.087356    1.264287
 0.005803   0.213331   102.329866
0.42254   15.872526   127.087356    1.264287
 0.005803   0.538053   128.740402
0.56338   15.872526   127.087356    1.264287
 0.005803   0.852987   161.978241

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -21.878465   -81.223202   -0.763043
-0.007608   -0.432229   -40.761900
0.14085  -21.878465   -81.223202   -0.763043
-0.007608   -0.117782   -50.869655
0.28169  -21.878465   -81.223202   -0.763043
-0.007608   -0.352388   -73.165474
0.42254  -21.878465   -81.223202   -0.763043
-0.007608   -0.879855  -100.213132
0.56338  -21.878465   -81.223202   -0.763043
-0.007608   -1.407334  -145.209785

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.726940   117.129487    2.340214
 0.005798   1.323456   108.139886
0.14085   23.726940   117.129487    2.340214
 0.005798   0.344015   96.482664
0.28169   23.726940   117.129487    2.340214
 0.005798   0.379689   104.423050
0.42254   23.726940   117.129487    2.340214
 0.005798   0.941061   129.469441
0.56338   23.726940   117.129487    2.340214
 0.005798   1.503785   162.657538

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.528833   -86.090834   -1.341928
-0.008292   -0.754671   -43.096808
0.14085  -28.528833   -86.090834   -1.341928
-0.008292   -0.207088   -53.628956
0.28169  -28.528833   -86.090834   -1.341928
-0.008292   -0.652243   -75.664800
0.42254  -28.528833   -86.090834   -1.341928
-0.008292   -1.629916  -105.427313
0.56338  -28.528833   -86.090834   -1.341928
-0.008292   -2.608542  -147.245663

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.726940   127.087356    2.340214
 0.005803   1.323456   108.139886
0.14085   23.726940   127.087356    2.340214
 0.005803   0.344015   96.482664
0.28169   23.726940   127.087356    2.340214
 0.005803   0.379689   104.423050
0.42254   23.726940   127.087356    2.340214
 0.005803   0.941061   129.469441
0.56338   23.726940   127.087356    2.340214
 0.005803   1.503785   162.657538
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2121

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB      CAR ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.00000   -28.528833   -86.090834    -1.341928
-0.008292    -0.754671   -43.096808
0.14085   -28.528833   -86.090834    -1.341928
-0.008292    -0.207088   -53.628956
0.28169   -28.528833   -86.090834    -1.341928
-0.008292    -0.652243   -75.664800
0.42254   -28.528833   -86.090834    -1.341928
-0.008292    -1.629916  -105.427313
0.56338   -28.528833   -86.090834    -1.341928
-0.008292    -2.608542  -147.245663

COMB  DESIGN ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.00000    23.726940   127.087356     2.340214
 0.005803    1.323456   108.139886
0.14085    23.726940   127.087356     2.340214
 0.005803    0.344015    96.482664
0.28169    23.726940   127.087356     2.340214
 0.005803    0.379689   104.423050
0.42254    23.726940   127.087356     2.340214
 0.005803    0.941061   129.469441
0.56338    23.726940   127.087356     2.340214
 0.005803    1.503785   162.657538

COMB  DESIGN ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.00000   -28.528833   -86.090834    -1.341928
-0.008292    -0.754671   -43.096808
0.14085   -28.528833   -86.090834    -1.341928
-0.008292    -0.207088   -53.628956
0.28169   -28.528833   -86.090834    -1.341928
-0.008292    -0.652243   -75.664800
0.42254   -28.528833   -86.090834    -1.341928
-0.008292    -1.629916  -105.427313
0.56338   -28.528833   -86.090834    -1.341928
-0.008292    -2.608542  -147.245663

ELEM      186 ================== LENGTH
=     2.977195

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    20.825569     3.066347     0.582512
 0.000495    0.626651     7.010601
0.57749    20.825569     3.066347     0.582512
 0.000495    0.382404     5.810449
0.71833    20.825569     3.066347     0.582512
 0.000495    0.138162     4.687743
0.85916    20.825569     3.066347     0.582512
 0.000495    0.065547     3.692722
1.00000    20.825569     3.066347     0.582512
 0.000495    0.226347     3.068303

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665    -5.644411   -41.680749    -0.383489
-0.001370    -0.416920   -75.479218
0.57749    -5.644411   -41.680749    -0.383489
-0.001370    -0.256140   -58.045291
0.71833    -5.644411   -41.680749    -0.383489
-0.001370    -0.095368   -40.653679
0.85916    -5.644411   -41.680749    -0.383489
-0.001370    -0.106000   -23.556202
1.00000    -5.644411   -41.680749    -0.383489
-0.001370    -0.350335   -14.753624

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    22.755435    26.875967     0.889900
 0.005613    0.963221    43.180452
0.57749    22.755435    26.875967     0.889900
 0.005613    0.590088    33.693308
0.71833    22.755435    26.875967     0.889900
 0.005613    0.217046    32.606240
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2122

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2            V3
         T           M2           M3
0.85916    22.755435    26.875967     0.889900
 0.005613    0.155197    55.813630
1.00000    22.755435    26.875967     0.889900
 0.005613    0.461073    81.794010

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -32.283109  -114.028711    -0.730881
-0.005392    -0.764929  -118.379403
0.57749   -32.283109  -114.028711    -0.730881
-0.005392    -0.462554   -75.019641
0.71833   -32.283109  -114.028711    -0.730881
-0.005392    -0.164949   -45.869188
0.85916   -32.283109  -114.028711    -0.730881
-0.005392    -0.164009   -26.055319
1.00000   -32.283109  -114.028711    -0.730881
-0.005392    -0.529330   -14.587535

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    21.779480    46.089147     1.119354
 0.004519    0.746364    74.163263
0.57749    21.779480    46.089147     1.119354
 0.004519    0.746037    55.995677
0.71833    21.779480    46.089147     1.119354
 0.004519    0.276786    43.109284
0.85916    21.779480    46.089147     1.119354
 0.004519    0.173571    50.279890
1.00000    21.779480    46.089147     1.119354
 0.004519    0.546281    63.424229

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -28.448561   -96.267696    -0.888706
-0.004004    -0.944289  -111.172126
0.57749   -28.448561   -96.267696    -0.888706
-0.004004    -0.574378   -73.885896
0.71833   -28.448561   -96.267696    -0.888706
-0.004004    -0.207683   -46.267509
0.85916   -28.448561   -96.267696    -0.888706
-0.004004    -0.197876   -24.332094
1.00000   -28.448561   -96.267696    -0.888706
-0.004004    -0.662095   -13.739208

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    32.529309    55.601822     1.199255
 0.004228    1.303096    90.963133
0.57749    32.529309    55.601822     1.199255
 0.004228    0.800298    68.836136
0.71833    32.529309    55.601822     1.199255
 0.004228    0.297618    51.191673
0.85916    32.529309    55.601822     1.199255
 0.004228    0.183828    50.486348
1.00000    32.529309    55.601822     1.199255
 0.004228    0.587395    55.425906

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -28.426322   -81.569632    -0.962341
-0.003510    -1.026670   -95.185901
0.57749   -28.426322   -81.569632    -0.962341
-0.003510    -0.625420   -63.548937
0.71833   -28.426322   -81.569632    -0.962341
-0.003510    -0.227003   -42.242483
0.85916   -28.426322   -81.569632    -0.962341
-0.003510    -0.212217   -27.857595
1.00000   -28.426322   -81.569632    -0.962341
-0.003510    -0.708359   -23.416559

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    2.586566    19.688826     0.340772
 0.004508    0.374025    38.038400
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2123

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2            V3
         T           M2           M3
0.57749    2.586566    19.688826     0.340772
 0.004508    0.231139    31.053356
0.71833    2.586566    19.688826     0.340772
 0.004508    0.088343    31.818296
0.85916    2.586566    19.688826     0.340772
 0.004508    0.096614    51.241482
1.00000    2.586566    19.688826     0.340772
 0.004508    0.265774    75.490442

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -29.483012   -71.328687    -0.403759
-0.003271    -0.411529   -45.114850
0.57749   -29.483012   -71.328687    -0.403759
-0.003271    -0.245625   -19.216431
0.71833   -29.483012   -71.328687    -0.403759
-0.003271    -0.083683    -5.177103
0.85916   -29.483012   -71.328687    -0.403759
-0.003271    -0.061275    -1.571659
1.00000   -29.483012   -71.328687    -0.403759
-0.003271    -0.197577    -2.104441

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    14.749453    46.829804     0.703544
 0.004807    0.769477    79.126153
0.57749    14.749453    46.829804     0.703544
 0.004807    0.474528    61.036968
0.71833    14.749453    46.829804     0.703544
 0.004807    0.179678    49.106951
0.85916    14.749453    46.829804     0.703544
 0.004807    0.137999    56.920074
1.00000    14.749453    46.829804     0.703544
 0.004807    0.412636    70.331754

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -28.065595   -64.776248    -0.654885
-0.003109    -0.685775   -44.353442
0.57749   -28.065595   -64.776248    -0.654885
-0.003109    -0.414297   -21.164288
0.71833   -28.065595   -64.776248    -0.654885
-0.003109    -0.146743    -9.952549
0.85916   -28.065595   -64.776248    -0.654885
-0.003109    -0.123499    -6.853415
1.00000   -28.065595   -64.776248    -0.654885
-0.003109    -0.410582   -10.933324

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    22.189031    69.226422     1.041607
 0.003920    1.134081   125.982081
0.57749    22.189031    69.226422     1.041607
 0.003920    0.697386    98.119531
0.71833    22.189031    69.226422     1.041607
 0.003920    0.260828    74.642371
0.85916    22.189031    69.226422     1.041607
 0.003920    0.158290    66.175614
1.00000    22.189031    69.226422     1.041607
 0.003920    0.500461    62.761721

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -38.646294   -73.204353    -0.815997
-0.003003    -0.868164   -77.606296
0.57749   -38.646294   -73.204353    -0.815997
-0.003003    -0.528222   -49.510219
0.71833   -38.646294   -73.204353    -0.815997
-0.003003    -0.191088   -30.006780
0.85916   -38.646294   -73.204353    -0.815997
-0.003003    -0.182117   -18.272124
1.00000   -38.646294   -73.204353    -0.815997
-0.003003    -0.612946   -13.870639
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2124

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    22.485061    70.625013     1.124712
 0.003746    1.222702   130.924146
0.57749    22.485061    70.625013     1.124712
 0.003746    0.751134   102.251349
0.71833    22.485061    70.625013     1.124712
 0.003746    0.279676    77.245328
0.85916    22.485061    70.625013     1.124712
 0.003746    0.174839    64.694736
1.00000    22.485061    70.625013     1.124712
 0.003746    0.562346    56.477132

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -38.031896   -62.398733    -0.924034
-0.002733    -0.987464   -67.582782
0.57749   -38.031896   -62.398733    -0.924034
-0.002733    -0.601864   -43.590797
0.71833   -38.031896   -62.398733    -0.924034
-0.002733    -0.218560   -29.160779
0.85916   -38.031896   -62.398733    -0.924034
-0.002733    -0.196771   -20.205866
1.00000   -38.031896   -62.398733    -0.924034
-0.002733    -0.663706   -17.918591

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    2.473269    17.605125     0.415044
 0.000727    0.449145    37.439717
0.57749    2.473269    17.605125     0.415044
 0.000727    0.275119    30.096696
0.71833    2.473269    17.605125     0.415044
 0.000727    0.101090    22.752401
0.85916    2.473269    17.605125     0.415044
 0.000727    0.067732    15.517512
1.00000    2.473269    17.605125     0.415044
 0.000727    0.229701     8.397751

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -10.305424    -2.546604    -0.386084
-0.000365    -0.417850    -6.582426
0.57749   -10.305424    -2.546604    -0.386084
-0.000365    -0.255970    -6.298939
0.71833   -10.305424    -2.546604    -0.386084
-0.000365    -0.094084    -6.191267
0.85916   -10.305424    -2.546604    -0.386084
-0.000365    -0.073166    -6.374909
1.00000   -10.305424    -2.546604    -0.386084
-0.000365    -0.247050    -6.801024

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    23.238477    41.473926     0.740412
 0.001430    0.802554    74.644109
0.57749    23.238477    41.473926     0.740412
 0.001430    0.492132    57.772215
0.71833    23.238477    41.473926     0.740412
 0.001430    0.181741    41.320089
0.85916    23.238477    41.473926     0.740412
 0.001430    0.111711    26.025415
1.00000    23.238477    41.473926     0.740412
 0.001430    0.376484    12.546828

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -15.524421    -5.450367    -0.631097
-0.000611    -0.681991    -8.334834
0.57749   -15.524421    -5.450367    -0.631097
-0.000611    -0.417501    -8.171747
0.71833   -15.524421    -5.450367    -0.631097
-0.000611    -0.153444   -10.721977
0.85916   -15.524421    -5.450367    -0.631097
-0.000611    -0.132381   -16.440265
1.00000   -15.524421    -5.450367    -0.631097
-0.000611    -0.539289   -23.780958
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2125

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    13.529139    53.949984     0.958826
 0.001868    1.043442    97.010377
0.57749    13.529139    53.949984     0.958826
 0.001868    0.641462    74.775426
0.71833    13.529139    53.949984     0.958826
 0.001868    0.239535    53.048414
0.85916    13.529139    53.949984     0.958826
 0.001868    0.151476    36.554699
1.00000    13.529139    53.949984     0.958826
 0.001868    0.505037    25.019835

COMB DB-G3-3 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -22.996660   -22.488482    -0.842949
-0.000625    -0.908786   -27.189941
0.57749   -22.996660   -22.488482    -0.842949
-0.000625    -0.555543   -19.719787
0.71833   -22.996660   -22.488482    -0.842949
-0.000625    -0.202739   -14.560241
0.85916   -22.996660   -22.488482    -0.842949
-0.000625    -0.164515   -12.414783
1.00000   -22.996660   -22.488482    -0.842949
-0.000625    -0.564721   -16.065553

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    15.412270    72.531576     1.093596
 0.004188    1.190030   139.271836
0.57749    15.412270    72.531576     1.093596
 0.004188    0.731536   109.194289
0.71833    15.412270    72.531576     1.093596
 0.004188    0.273107    84.928507
0.85916    15.412270    72.531576     1.093596
 0.004188    0.190237    73.992555
1.00000    15.412270    72.531576     1.093596
 0.004188    0.591150    67.236882

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -43.542012   -58.923260    -0.956727
-0.002840    -0.764929   -64.779755
0.57749   -43.542012   -58.923260    -0.956727
-0.002840    -0.615024   -33.857653
0.71833   -43.542012   -58.923260    -0.956727
-0.002840    -0.220428   -21.890159
0.85916   -43.542012   -58.923260    -0.956727
-0.002840    -0.191108   -15.862010
1.00000   -43.542012   -58.923260    -0.956727
-0.002840    -0.644215   -15.631343

COMB DL-G1-1 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    41.626422     6.054655     1.197448
 0.000471    1.289897    11.171403
0.57749    41.626422     6.054655     1.197448
 0.000471    0.787849     9.375943
0.71833    41.626422     6.054655     1.197448
 0.000471    0.285726     7.624596
0.85916    41.626422     6.054655     1.197448
 0.000471    0.882172     6.985993
1.00000    41.626422     6.054655     1.197448
 0.000471    0.304360     4.554411

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665    -7.710689   -70.670393    -0.531707
-0.001588    -0.586030  -143.706852
0.57749    -7.710689   -70.670393    -0.531707
-0.001588    -0.363108  -114.365506
0.71833    -7.710689   -70.670393    -0.531707
-0.001588    -0.140800   -85.049742
0.85916    -7.710689   -70.670393    -0.531707
-0.001588    -0.216730   -55.912539
1.00000    -7.710689   -70.670393    -0.531707
-0.001588    -0.718586   -29.864319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2126

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    42.246894    29.378712     1.628701
 0.005705    1.762783    56.905230
0.57749    42.246894    29.378712     1.628701
 0.005705    1.080482    45.685797
0.71833    42.246894    29.378712     1.628701
 0.005705    0.399113    44.532700
0.85916    42.246894    29.378712     1.628701
 0.005705    0.208896    65.503253
1.00000    42.246894    29.378712     1.628701
 0.005705    0.664864    89.269550

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -44.722401  -145.312934    -1.090518
-0.005174    -1.168730  -191.714430
0.57749   -44.722401  -145.312934    -1.090518
-0.005174    -0.715190  -131.755120
0.71833   -44.722401  -145.312934    -1.090518
-0.005174    -0.264076   -88.567838
0.85916   -44.722401  -145.312934    -1.090518
-0.005174    -0.299043   -56.368137
1.00000   -44.722401  -145.312934    -1.090518
-0.005174    -0.969593   -29.690055

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    41.343789    58.917228     2.093137
 0.004670    2.270372   109.580218
0.57749    41.343789    58.917228     2.093137
 0.004670    1.392769    85.667055
0.71833    41.343789    58.917228     2.093137
 0.004670    0.516006    68.776584
0.85916    41.343789    58.917228     2.093137
 0.004670    0.258641    68.545569
1.00000    41.343789    58.917228     2.093137
 0.004670    0.848065    73.601200

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -43.953135  -123.845203    -1.407689
-0.003983    -1.516600  -175.109536
0.57749   -43.953135  -123.845203    -1.407689
-0.003983    -0.928876  -123.896122
0.71833   -43.953135  -123.845203    -1.407689
-0.003983    -0.344024   -84.662450
0.85916   -43.953135  -123.845203    -1.407689
-0.003983    -0.370354   -52.914755
1.00000   -43.953135  -123.845203    -1.407689
-0.003983    -1.239482   -28.341400

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    49.165752    80.259921     2.393509
 0.004368    2.594389   139.607596
0.57749    49.165752    80.259921     2.393509
 0.004368    1.597019   107.022672
0.71833    49.165752    80.259921     2.393509
 0.004368    0.587281    80.888749
0.85916    49.165752    80.259921     2.393509
 0.004368    0.292649    69.742765
1.00000    49.165752    80.259921     2.393509
 0.004368    0.969631    64.736409

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -43.512970  -104.702352    -1.615905
-0.003465    -1.743520  -149.101725
0.57749   -43.512970  -104.702352    -1.615905
-0.003465    -1.068277  -106.251061
0.71833   -43.512970  -104.702352    -1.615905
-0.003465    -0.395241   -74.813355
0.85916   -43.512970  -104.702352    -1.615905
-0.003465    -0.423192   -50.935960
1.00000   -43.512970  -104.702352    -1.615905
-0.003465    -1.418966   -35.182404
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2127

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    3.964224    23.295969     0.476131
 0.003892    0.521569    52.453499
0.57749    3.964224    23.295969     0.476131
 0.003892    0.322295    43.572217
0.71833    3.964224    23.295969     0.476131
 0.003892    0.124181    42.257208
0.85916    3.964224    23.295969     0.476131
 0.003892    0.134031    56.362705
1.00000    3.964224    23.295969     0.476131
 0.003892    0.388438    73.897211

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -42.765847   -63.683556    -0.609389
-0.002431    -0.637834   -46.868951
0.57749   -42.765847   -63.683556    -0.609389
-0.002431    -0.385380   -20.970551
0.71833   -42.765847   -63.683556    -0.609389
-0.002431    -0.133874    -6.939598
0.85916   -42.765847   -63.683556    -0.609389
-0.002431    -0.086163    -2.244933
1.00000   -42.765847   -63.683556    -0.609389
-0.002431    -0.276821    -2.545121

COMB DL-G2-2 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    17.411489    67.633411     1.289648
 0.004283    1.403176   122.444814
0.57749    17.411489    67.633411     1.289648
 0.004283    0.862502    95.155071
0.71833    17.411489    67.633411     1.289648
 0.004283    0.322565    74.733245
0.85916    17.411489    67.633411     1.289648
 0.004283    0.213128    70.242946
1.00000    17.411489    67.633411     1.289648
 0.004283    0.668441    70.900046

COMB DL-G2-2 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -41.588214   -58.057126    -1.086181
-0.002372    -1.157775   -46.013806
0.57749   -41.588214   -58.057126    -1.086181
-0.002372    -0.705267   -22.758422
0.71833   -41.588214   -58.057126    -1.086181
-0.002372    -0.254683   -11.402453
0.85916   -41.588214   -58.057126    -1.086181
-0.002372    -0.226565    -8.030756
1.00000   -41.588214   -58.057126    -1.086181
-0.002372    -0.758342   -11.964661

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2            V3
         T           M2           M3
0.43665    30.716396    85.442923     1.921088
 0.003308    2.088397   161.577395
0.57749    30.716396    85.442923     1.921088
 0.003308    1.282901   126.595602
0.71833    30.716396    85.442923     1.921088
 0.003308    0.477928    96.206502
0.85916    30.716396    85.442923     1.921088
 0.003308    0.262063    77.103470
1.00000    30.716396    85.442923     1.921088
 0.003308    0.858556    63.163675

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2            V3
         T           M2           M3
0.43665   -51.479706   -80.563120    -1.423581
-0.002449    -1.531848  -107.225647
0.57749   -51.479706   -80.563120    -1.423581
-0.002449    -0.936437   -74.371962
0.71833   -51.479706   -80.563120    -1.423581
-0.002449    -0.343186   -49.513200
0.85916   -51.479706   -80.563120    -1.423581
-0.002449    -0.332811   -30.440685
1.00000   -51.479706   -80.563120    -1.423581
-0.002449    -1.132205   -19.070699
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2128
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		30.547340	94.452678	2.221310
0.003269		2.413859	176.285551	
0.57749		30.547340	94.452678	2.221310
0.003269		1.877268	137.778735	
0.71833		30.547340	94.452678	2.221310
0.003269		0.550599	103.372141	
0.85916		30.547340	94.452678	2.221310
0.003269		0.307424	78.491586	
1.00000		30.547340	94.452678	2.221310
0.003269		1.018857	58.239542	

COMB DL-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-52.003635	-68.860792	-1.696661
-0.002242		-1.829119	-93.246685	
0.57749		-52.003635	-68.860792	-1.696661
-0.002242		-1.118925	-65.719307	
0.71833		-52.003635	-68.860792	-1.696661
-0.002242		-0.410385	-45.717172	
0.85916		-52.003635	-68.860792	-1.696661
-0.002242		-0.382804	-30.638818	
1.00000		-52.003635	-68.860792	-1.696661
-0.002242		-1.309920	-22.081640	

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		3.853007	28.247266	0.917769
0.000768		0.998672	57.823754	
0.57749		3.853007	28.247266	0.917769
0.000768		0.613604	46.170486	
0.71833		3.853007	28.247266	0.917769
0.000768		0.227797	34.610002	
0.85916		3.853007	28.247266	0.917769
0.000768		0.148722	23.263758	
1.00000		3.853007	28.247266	0.917769
0.000768		0.502648	12.372914	

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-19.867321	-3.641237	-0.842863
-0.000334		-0.910898	-9.599353	
0.57749		-19.867321	-3.641237	-0.842863
-0.000334		-0.557431	-8.536976	
0.71833		-19.867321	-3.641237	-0.842863
-0.000334		-0.203816	-7.632866	
0.85916		-19.867321	-3.641237	-0.842863
-0.000334		-0.153800	-6.991566	
1.00000		-19.867321	-3.641237	-0.842863
-0.000334		-0.539667	-6.879033	

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		26.453311	71.065232	1.712739
0.001440		1.856760	121.590596	
0.57749		26.453311	71.065232	1.712739
0.001440		1.138014	92.650764	
0.71833		26.453311	71.065232	1.712739
0.001440		0.418393	64.560246	
0.85916		26.453311	71.065232	1.712739
0.001440		0.233019	38.839564	
1.00000		26.453311	71.065232	1.712739
0.001440		0.788854	16.701272	

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-25.903943	-5.735346	-1.324322
-0.000500		-1.432360	-12.878377	
0.57749		-25.903943	-5.735346	-1.324322
-0.000500		-0.877135	-12.122294	
0.71833		-25.903943	-5.735346	-1.324322
-0.000500		-0.321835	-12.640811	
0.85916		-25.903943	-5.735346	-1.324322
-0.000500		-0.297326	-16.153992	
1.00000		-25.903943	-5.735346	-1.324322
-0.000500		-1.014357	-24.056116	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2129
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		18.936074	84.260371	1.977136
0.001579		2.150690	155.191190	
0.57749		18.936074	84.260371	1.977136
0.001579		1.320849	120.638675	
0.71833		18.936074	84.260371	1.977136
0.001579		0.490684	86.598284	
0.85916		18.936074	84.260371	1.977136
0.001579		0.290179	55.875375	
1.00000		18.936074	84.260371	1.977136
0.001579		0.972342	30.176074	

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-40.418180	-18.580766	-1.625477
-0.000380		-1.754348	-28.851227	
0.57749		-40.418180	-18.580766	-1.625477
-0.000380		-1.072824	-22.620933	
0.71833		-40.418180	-18.580766	-1.625477
-0.000380		-0.392027	-17.186040	
0.85916		-40.418180	-18.580766	-1.625477
-0.000380		-0.333292	-13.693120	
1.00000		-40.418180	-18.580766	-1.625477
-0.000380		-1.162522	-17.514560	

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		22.618017	96.427883	2.139549
0.003482		2.328334	187.023434	
0.57749		22.618017	96.427883	2.139549
0.003482		1.430676	147.627961	
0.71833		22.618017	96.427883	2.139549
0.003482		0.533427	112.501624	
0.85916		22.618017	96.427883	2.139549
0.003482		0.335557	87.803167	
1.00000		22.618017	96.427883	2.139549
0.003482		1.092820	67.914567	

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-61.588664	-57.768329	-1.806148
-0.002083		-1.392216	-69.106768	
0.57749		-61.588664	-57.768329	-1.806148
-0.002083		-1.183708	-46.520404	
0.71833		-61.588664	-57.768329	-1.806148
-0.002083		-0.430052	-31.266448	
0.85916		-61.588664	-57.768329	-1.806148
-0.002083		-0.365713	-21.387524	
1.00000		-61.588664	-57.768329	-1.806148
-0.002083		-1.258255	-18.557070	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		32.529309	72.531576	1.199255
0.005613		1.303096	139.271836	
0.57749		32.529309	72.531576	1.199255
0.005613		0.800298	109.943289	
0.71833		32.529309	72.531576	1.199255
0.005613		0.297618	84.928507	
0.85916		32.529309	72.531576	1.199255
0.005613		0.190237	73.992555	
1.00000		32.529309	72.531576	1.199255
0.005613		0.591150	81.794010	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-43.542012	-114.028711	-0.962341
-0.005392		-1.026670	-118.379403	
0.57749		-43.542012	-114.028711	-0.962341
-0.005392		-0.625420	-75.019641	
0.71833		-43.542012	-114.028711	-0.962341
-0.005392		-0.227003	-46.287509	
0.85916		-43.542012	-114.028711	-0.962341
-0.005392		-0.212217	-27.855795	
1.00000		-43.542012	-114.028711	-0.962341
-0.005392		-0.708359	-23.780958	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2130
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		49.165752	96.427883	2.393509
0.005705		2.594389	187.023434	
0.57749		49.165752	96.427883	2.393509
0.005705		1.590719	147.627961	
0.71833		49.165752	96.427883	2.393509
0.005705		0.587281	112.501624	
0.85916		49.165752	96.427883	2.393509
0.005705		0.335557	87.803167	
1.00000		49.165752	96.427883	2.393509
0.005705		1.092820	89.269550	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-61.588664	-145.312934	-1.806148
-0.005174		-1.939216	-191.714430	
0.57749		-61.588664	-145.312934	-1.806148
-0.005174		-1.183708	-131.755120	
0.71833		-61.588664	-145.312934	-1.806148
-0.005174		-0.430052	-88.567838	
0.85916		-61.588664	-145.312934	-1.806148
-0.005174		-0.423192	-56.368137	
1.00000		-61.588664	-145.312934	-1.806148
-0.005174		-1.418966	-35.182404	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		49.165752	96.427883	2.393509
0.005705		2.594389	187.023434	
0.57749		49.165752	96.427883	2.393509
0.005705		1.590719	147.627961	
0.71833		49.165752	96.427883	2.393509
0.005705		0.587281	112.501624	
0.85916		49.165752	96.427883	2.393509
0.005705		0.335557	87.803167	
1.00000		49.165752	96.427883	2.393509
0.005705		1.092820	89.269550	

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-61.588664	-145.312934	-1.806148
-0.005392		-1.939216	-191.714430	
0.57749		-61.588664	-145.312934	-1.806148
-0.005392		-1.183708	-131.755120	
0.71833		-61.588664	-145.312934	-1.806148
-0.005392		-0.430052	-88.567838	
0.85916		-61.588664	-145.312934	-1.806148
-0.005392		-0.423192	-56.368137	
1.00000		-61.588664	-145.312934	-1.806148
-0.005392		-1.418966	-35.182404	

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		49.165752	96.427883	2.393509
0.005705		2.594389	187.023434	
0.57749		49.165752	96.427883	2.393509
0.005705		1.590719	147.627961	
0.71833		49.165752	96.427883	2.393509
0.005705		0.587281	112.501624	
0.85916		49.165752	96.427883	2.393509
0.005705		0.335557	87.803167	
1.00000		49.165752	96.427883	2.393509
0.005705		1.092820	89.269550	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-61.588664	-145.312934	-1.806148
-0.005392		-1.939216	-191.714430	
0.57749		-61.588664	-145.312934	-1.806148
-0.005392		-1.183708	-131.755120	
0.71833		-61.588664	-145.312934	-1.806148
-0.005392		-0.430052	-88.567838	
0.85916		-61.588664	-145.312934	-1.806148
-0.005392		-0.423192	-56.368137	
1.00000		-61.588664	-145.312934	-1.806148
-0.005392		-1.418966	-35.182404	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2131
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 187 ========== LENGTH = 2.978250

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		20.767778	3.124470	0.522673
0.000574		0.306402	3.066102	
0.14088		20.767778	3.124470	0.522673
0.000574		0.087055	12.092529	
0.28175		20.767778	3.124470	0.522673
0.000574		0.098612	29.287483	
0.42263		20.767778	3.124470	0.522673
0.000574		0.273462	46.593826	
0.56350		20.767778	3.124470	0.522673
0.000574		0.448307	63.937777	

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.573210	-41.346057	-0.416735
-0.001337		-0.251008	-14.750553	
0.14088		-5.573210	-41.346057	-0.416735
-0.001337		-0.076243	-15.201358	
0.28175		-5.573210	-41.346057	-0.416735
-0.001337		-0.132229	-15.811463	
0.42263		-5.573210	-41.346057	-0.416735
-0.001337		-0.351522	-16.464416	
0.56350		-5.573210	-41.346057	-0.416735
-0.001337		-0.570816	-17.431116	

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		22.673579	84.761978	0.886520
0.004472		0.545229	82.032541	
0.14088		22.673579	84.761978	0.886520
0.004472		0.179529	68.108534	
0.28175		22.673579	84.761978	0.886520
0.004472		0.157865	61.974745	
0.42263		22.673579	84.761978	0.886520
0.004472		0.430089	79.674516	
0.56350		22.673579	84.761978	0.886520
0.004472		0.702740	103.699379	

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-36.623075	-60.744809	-0.649899
-0.006587		-0.388115	-14.613049	
0.14088		-36.623075	-60.744809	-0.649899
-0.006587		-0.118527	-14.828284	
0.28175		-36.623075	-60.744809	-0.649899
-0.006587		-0.217304	-20.972126	
0.42263		-36.623075	-60.744809	-0.649899
-0.006587		-0.589225	-41.140037	
0.56350		-36.623075	-60.744809	-0.649899
-0.006587		-0.961175	-76.359716	

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		21.733702	85.390825	1.164916
0.003387		0.708002	63.593443	
0.14088		21.733702	85.390825	1.164916
0.003387		0.223391	57.455151	
0.28175		21.733702	85.390825	1.164916
0.003387		0.202138	60.161046	
0.42263		21.733702	85.390825	1.164916
0.003387		0.550069	80.291057	
0.56350		21.733702	85.390825	1.164916
0.003387		0.898244	104.479344	

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-31.324692	-60.101822	-0.829862
-0.004795		-0.494541	-13.746987	
0.14088		-31.324692	-60.101822	-0.829862
-0.004795		-0.148389	-23.910469	
0.28175		-31.324692	-60.101822	-0.829862
-0.004795		-0.282201	-39.622561	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2132
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
	T	M2	M3	
0.42263		-31.324692	-60.101822	-0.829862
-0.004795		-0.770907	-64.836181	
0.56350		-31.324692	-60.101822	-0.829862
-0.004795		-1.259653	-100.378409	

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		32.488873	88.503393	1.260495
0.003434		0.764161	55.570924	
0.14088		32.488873	88.503393	1.260495
0.003434		0.238844	48.372511	
0.28175		32.488873	88.503393	1.260495
0.003434		0.222172	51.479146	
0.42263		32.488873	88.503393	1.260495
0.003434		0.605069	68.679816	
0.56350		32.488873	88.503393	1.260495
0.003434		0.988162	89.454078	

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-30.780827	-51.561740	-0.913086
-0.004198		-0.544312	-23.421777	
0.14088		-30.780827	-51.561740	-0.913086
-0.004198		-0.162930	-36.714116	
0.28175		-30.780827	-51.561740	-0.913086
-0.004198		-0.304182	-54.635126	
0.42263		-30.780827	-51.561740	-0.913086
-0.004198		-0.833013	-80.633450	
0.56350		-30.780827	-51.561740	-0.913086
-0.004198		-1.361862	-116.082627	

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.588898	68.331432	0.416901
0.003180		0.099111	60.688982	
0.14088		2.588898	68.331432	0.416901
0.003180		0.072102	45.914140	
0.28175		2.588898	68.331432	0.416901
0.003180		0.072102	45.914140	
0.42263		2.588898	68.331432	0.416901
0.003180		0.189222	50.875753	
0.56350		2.588898	68.331432	0.416901
0.003180		0.306699	61.060921	

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-33.193127	-27.308424	-0.280083
-0.004151		-0.163460	-2.137131	
0.14088		-33.193127	-27.308424	-0.280083
-0.004151		-0.048602	-3.041781	
0.28175		-33.193127	-27.308424	-0.280083
-0.004151		-0.096709	-7.479039	
0.42263		-33.193127	-27.308424	-0.280083
-0.004151		-0.271393	-15.461827	
0.56350		-33.193127	-27.308424	-0.280083
-0.004151		-0.446501	-52.020691	

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		14.771972	92.511209	0.813600
0.003466		0.505875	70.530033	
0.14088		14.771972	92.511209	0.813600
0.003466		0.169396	52.123069	
0.28175		14.771972	92.511209	0.813600
0.003466		0.136343	37.039289	
0.42263		14.771972	92.511209	0.813600
0.003466		0.365029	40.972324	
0.56350		14.771972	92.511209	0.813600
0.003466		0.594009	49.783377	

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-31.433769	-23.697055	-0.545760
-0.003930		-0.322020	-10.956672	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2133
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL	DIST	P	V2	V3
	T	M2	M3	
0.14088		-31.433769	-23.697055	-0.545760
-0.003930		-0.095405	-24.836142	
0.28175		-31.433769	-23.697055	-0.545760
-0.003930		-0.191395	-40.387910	
0.42263		-31.433769	-23.697055	-0.545760
-0.003930		-0.532726	-66.860679	
0.56350		-31.433769	-23.697055	-0.545760
-0.003930		-0.874072	-105.367360	

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		22.153923	101.003769	1.130977
0.002993		0.688784	62.900300	
0.14088		22.153923	101.003769	1.130977
0.002993		0.217708	50.730293	
0.28175		22.153923	101.003769	1.130977
0.002993		0.185722	50.573910	
0.42263		22.153923	101.003769	1.130977
0.002993		0.504745	64.585022	
0.56350		22.153923	101.003769	1.130977
0.002993		0.823944	82.154185	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-40.989039	-44.126246	-0.760806
-0.003839		-0.452962	-13.875792	
0.14088		-40.989039	-44.126246	-0.760806
-0.003839		-0.135418	-24.657827	
0.28175		-40.989039	-44.126246	-0.760806
-0.003839		-0.270588	-50.229844	
0.42263		-40.989039	-44.126246	-0.760806
-0.003839		-0.745069	-83.647243	
0.56350		-40.989039	-44.126246	-0.760806
-0.003839		-1.219576	-125.636952	

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		22.460730	97.227922	1.222461
0.003126		0.743418	56.597636	
0.14088		22.460730	97.227922	1.222461
0.003126		0.233405	42.500369	
0.28175		22.460730	97.227922	1.222461
0.003126		0.213560	42.500483	
0.42263		22.460730	97.227922	1.222461
0.003126		0.581028	54.671748	
0.56350		22.460730	97.227922	1.222461
0.003126		0.948618	69.829715	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-39.963275	-38.024137	-0.876128
-0.003489		-0.521807	-17.922634	
0.14088		-39.963275	-38.024137	-0.876128
-0.003489		-0.155579	-28.286400	
0.28175		-39.963275	-38.024137	-0.876128
-0.003489		-0.291125	-51.082796	
0.42263		-39.963275	-38.024137	-0.876128
-0.003489		-0.803973	-81.122699	
0.56350		-39.963275	-38.024137	-0.876128
-0.003489		-1.316865	-121.603324	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.538652	17.681030	0.416633
0.000991		0.253316	8.403670	
0.14088		2.538652	17.681030	0.416633
0.000991		0.078491	4.286517	
0.28175		2.538652	17.681030	0.416633
0.000991		0.093474	3.630176	
0.42263		2.538652	17.681030	0.416633
0.000991		0.255322	3.746635	
0.56350		2.538652	17.681030	0.416633
0.000991		0.417160	4.165164	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2134
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-10.261057	-2.478569	-0.385731
-0.000468		-0.230196	-6.800633	
0.14088		-10.261057	-2.478569	-0.385731
-0.000468		-0.088273	-7.558753	
0.28175		-10.261057	-2.478569	-0.385731
-0.000468		-0.100320	-8.944942	
0.42263		-10.261057	-2.478569	-0.385731
-0.000468		-0.273668	-14.537067	
0.56350		-10.261057	-2.478569	-0.385731
-0.000468		-0.447008	-21.945068	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		23.314039	43.947329	0.768299
0.001808		0.464795	12.566740	
0.14088		23.314039	43.947329	0.768299
0.001808		0.142684	3.852620	
0.28175		23.314039	43.947329	0.768299
0.001808		0.152669	2.427062	
0.42263		23.314039	43.947329	0.768299
0.001808		0.416988	3.661961	
0.56350		23.314039	43.947329	0.768299
0.001808		0.681296	5.159538	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-15.580368	-3.720074	-0.629976
-0.000760		-0.376024	-23.779551	
0.14088		-15.580368	-3.720074	-0.629976
-0.000760		-0.111817	-32.381311	
0.28175		-15.580368	-3.720074	-0.629976
-0.000760		-0.182237	-41.488435	
0.42263		-15.580368	-3.720074	-0.629976
-0.000760		-0.303023	-56.202598	
0.56350		-15.580368	-3.720074	-0.629976
-0.000760		-0.825369	-74.818887	

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		13.623014	57.175779	1.049671
0.001661		0.636013	25.046768	
0.14088		13.623014	57.175779	1.049671
0.001661		0.195920	21.176761	
0.28175		13.623014	57.175779	1.049671
0.001661		0.198378	26.109394	
0.42263		13.623014	57.175779	1.049671
0.001661		0.537660	34.094875	
0.56350		13.623014	57.175779	1.049671
0.001661		0.876936	42.422000	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-23.102949	-20.128868	-0.808674
-0.000783		-0.480259	-16.065312	
0.14088		-23.102949	-20.128868	-0.808674
-0.000783		-0.141110	-30.034217	
0.28175		-23.102949	-20.128868	-0.808674
-0.000783		-0.247039	-45.139301	
0.42263		-23.102949	-20.128868	-0.808674
-0.000783		-0.686273	-65.794847	
0.56350		-23.102949	-20.128868	-0.808674
-0.000783		-1.126668	-89.584627	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		15.457113	104.040851	1.192471
0.003529		0.729856	67.378513	
0.14088		15.457113	104.040851	1.192471
0.003529		0.232933	44.641233	
0.28175		15.457113	104.040851	1.192471
0.003529		0.213819	37.737730	
0.42263		15.457113	104.040851	1.192471
0.003529		0.580412	45.920957	
0.56350		15.457113	104.040851	1.192471
0.003529		0.947247	57.669276	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.843519	-30.153151	-0.874273
-0.003720	-0.520040	-15.642229	
0.14088	-45.843519	-30.153151	-0.874273
-0.003720	-0.154874	-25.998134	
0.28175	-45.843519	-30.153151	-0.874273
-0.003720	-0.281982	-45.757358	
0.42263	-45.843519	-30.153151	-0.874273
-0.003720	-0.781321	-78.968872	
0.56350	-45.843519	-30.153151	-0.874273
-0.003720	-1.281630	-122.406227	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	41.577591	6.056534	1.106626
0.000576	0.652045	4.550310	
0.14088	41.577591	6.056534	1.106626
0.000576	0.187876	14.744618	
0.28175	41.577591	6.056534	1.106626
0.000576	0.159798	39.265113	
0.42263	41.577591	6.056534	1.106626
0.000576	0.459574	67.252728	
0.56350	41.577591	6.056534	1.106626
0.000576	0.759980	95.743592	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.614116	-70.100702	-0.715198
-0.001521	-0.438748	-29.837393	
0.14088	-7.614116	-70.100702	-0.715198
-0.001521	-0.138978	-16.077410	
0.28175	-7.614116	-70.100702	-0.715198
-0.001521	-0.276756	-13.786290	
0.42263	-7.614116	-70.100702	-0.715198
-0.001521	-0.740982	-14.925555	
0.56350	-7.614116	-70.100702	-0.715198
-0.001521	-1.205231	-16.556804	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.157316	88.444481	1.680893
0.004164	1.029125	89.326143	
0.14088	42.157316	88.444481	1.680893
0.004164	0.327824	73.864257	
0.28175	42.157316	88.444481	1.680893
0.004164	0.268093	74.292225	
0.42263	42.157316	88.444481	1.680893
0.004164	0.742052	101.411042	
0.56350	42.157316	88.444481	1.680893
0.004164	1.219362	136.721840	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-47.461339	-89.500557	-1.136754
-0.007129	-2.685857	-61.167762	
0.14088	-47.461339	-89.500557	-1.136754
-0.007129	-0.217157	-16.256116	
0.28175	-47.461339	-89.500557	-1.136754
-0.007129	-0.404284	-18.374195	
0.42263	-47.461339	-89.500557	-1.136754
-0.007129	-1.107046	-40.668612	
0.56350	-47.461339	-89.500557	-1.136754
-0.007129	-1.812160	-75.707811	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	41.315438	100.921600	2.186576
0.003289	1.323142	73.656436	
0.14088	41.315438	100.921600	2.186576
0.003289	0.408944	62.047337	
0.28175	41.315438	100.921600	2.186576
0.003289	0.347465	68.608485	
0.42263	41.315438	100.921600	2.186576
0.003289	0.953089	95.790059	
0.56350	41.315438	100.921600	2.186576
0.003289	1.562159	128.977802	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.896232	-84.288240	-1.450519
-0.005376	-0.870531	-28.326845	
0.14088	-45.896232	-84.288240	-1.450519
-0.005376	-0.276841	-21.804240	
0.28175	-45.896232	-84.288240	-1.450519
-0.005376	-0.525763	-42.035869	
0.42263	-45.896232	-84.288240	-1.450519
-0.005376	-1.441563	-73.197934	
0.56350	-45.896232	-84.288240	-1.450519
-0.005376	-2.358990	-113.620518	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	49.182545	115.443047	2.463827
0.003367	1.483757	64.769201	
0.14088	49.182545	115.443047	2.463827
0.003367	0.452910	52.310020	
0.28175	49.182545	115.443047	2.463827
0.003367	0.399300	58.404529	
0.42263	49.182545	115.443047	2.463827
0.003367	1.093941	81.665711	
0.56350	49.182545	115.443047	2.463827
0.003367	1.791974	109.921068	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.153594	-71.872895	-1.662783
-0.004649	-0.997428	-35.167376	
0.14088	-45.153594	-71.872895	-1.662783
-0.004649	-0.305166	-43.886021	
0.28175	-45.153594	-71.872895	-1.662783
-0.004649	-0.593976	-69.083331	
0.42263	-45.153594	-71.872895	-1.662783
-0.004649	-1.626826	-107.539897	
0.56350	-45.153594	-71.872895	-1.662783
-0.004649	-2.660739	-153.684042	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.964088	64.805676	0.617252
0.002459	0.395628	73.945511	
0.14088	3.964088	64.805676	0.617252
0.002459	0.139613	58.329457	
0.28175	3.964088	64.805676	0.617252
0.002459	0.115561	44.565105	
0.42263	3.964088	64.805676	0.617252
0.002459	0.298199	47.853336	
0.56350	3.964088	64.805676	0.617252
0.002459	0.482497	57.170456	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.790753	-25.455765	-0.439832
-0.003820	-0.255398	-2.565418	
0.14088	-44.790753	-25.455765	-0.439832
-0.003820	-0.076751	-3.320220	
0.28175	-44.790753	-25.455765	-0.439832
-0.003820	-0.138530	-7.544088	
0.42263	-44.790753	-25.455765	-0.439832
-0.003820	-0.395578	-24.284818	
0.56350	-44.790753	-25.455765	-0.439832
-0.003820	-0.654517	-50.235043	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.472105	107.734623	1.429064
0.002835	0.875025	70.962839	
0.14088	17.472105	107.734623	1.429064
0.002835	0.279001	49.760219	
0.28175	17.472105	107.734623	1.429064
0.002835	0.239491	34.441517	
0.42263	17.472105	107.734623	1.429064
0.002835	0.637544	36.411620	
0.56350	17.472105	107.734623	1.429064
0.002835	1.037455	43.958046	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.531292	-21.391899	-0.953578
-0.003627	-0.563328	-11.976714	
0.14088	-43.531292	-21.391899	-0.953578
-0.003627	-0.169779	-29.433856	
0.28175	-43.531292	-21.391899	-0.953578
-0.003627	-0.336783	-51.946075	
0.42263	-43.531292	-21.391899	-0.953578
-0.003627	-0.934832	-87.442874	
0.56350	-43.531292	-21.391899	-0.953578
-0.003627	-1.534525	-131.340176	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.701228	110.949836	2.065209
0.002403	1.248165	63.205785	
0.14088	30.701228	110.949836	2.065209
0.002403	0.384342	50.530804	
0.28175	30.701228	110.949836	2.065209
0.002403	0.337099	56.088909	
0.42263	30.701228	110.949836	2.065209
0.002403	0.915660	74.238655	
0.56350	30.701228	110.949836	2.065209
0.002403	1.496163	96.337734	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-52.682045	-56.712481	-1.383125
-0.003533	-0.824370	-19.054255	
0.14088	-52.682045	-56.712481	-1.383125
-0.003533	-0.248975	-29.693345	
0.28175	-52.682045	-56.712481	-1.383125
-0.003533	-0.492822	-59.188521	
0.42263	-52.682045	-56.712481	-1.383125
-0.003533	-1.357891	-98.446084	
0.56350	-52.682045	-56.712481	-1.383125
-0.003533	-2.224549	-143.434207	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.588783	115.890676	2.375811
0.002693	1.432240	58.281774	
0.14088	30.588783	115.890676	2.375811
0.002693	0.437531	42.309938	
0.28175	30.588783	115.890676	2.375811
0.002693	0.404572	47.490739	
0.42263	30.588783	115.890676	2.375811
0.002693	1.100292	63.151203	
0.56350	30.588783	115.890676	2.375811
0.002693	1.797664	82.176858	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-53.058230	-48.843533	-1.661579
-0.003212	-0.592013	-22.267075	
0.14088	-53.058230	-48.843533	-1.661579
-0.003212	-0.297128	-34.826531	
0.28175	-53.058230	-48.843533	-1.661579
-0.003212	-0.566018	-67.634945	
0.42263	-53.058230	-48.843533	-1.661579
-0.003212	-1.562764	-108.730688	
0.56350	-53.058230	-48.843533	-1.661579
-0.003212	-2.559728	-156.006335	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.962691	28.276780	0.988736
0.001086	0.595224	12.382350	
0.14088	3.962691	28.276780	0.988736
0.001086	0.179874	4.673671	
0.28175	3.962691	28.276780	0.988736
0.001086	0.199328	4.075860	
0.42263	3.962691	28.276780	0.988736
0.001086	0.540744	5.068529	
0.56350	3.962691	28.276780	0.988736
0.001086	0.881924	6.255496	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.943258	-3.604627	-0.813160
-0.000440	-0.482593	-6.879650	
0.14088	-19.943258	-3.604627	-0.813160
-0.000440	-0.141231	-8.775342	
0.28175	-19.943258	-3.604627	-0.813160
-0.000440	-0.233666	-16.589143	
0.42263	-19.943258	-3.604627	-0.813160
-0.000440	-0.648983	-27.516787	
0.56350	-19.943258	-3.604627	-0.813160
-0.000440	-1.063480	-39.164236	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.615899	72.837254	1.750239
0.001909	1.046731	16.721106	
0.14088	26.615899	72.837254	1.750239
0.001909	0.312193	4.516999	
0.28175	26.615899	72.837254	1.750239
0.001909	0.318995	3.632547	
0.42263	26.615899	72.837254	1.750239
0.001909	0.869595	4.949105	
0.56350	26.615899	72.837254	1.750239
0.001909	1.420024	6.625954	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.063710	-4.580255	-1.312228
-0.000659	-0.782419	-24.051670	
0.14088	-26.063710	-4.580255	-1.312228
-0.000659	-0.232126	-40.775719	
0.28175	-26.063710	-4.580255	-1.312228
-0.000659	-0.420183	-66.657372	
0.42263	-26.063710	-4.580255	-1.312228
-0.000659	-1.154752	-95.901710	
0.56350	-26.063710	-4.580255	-1.312228
-0.000659	-1.889261	-126.184233	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.114968	84.675893	2.122167
0.001603	1.272445	30.207358	
0.14088	19.114968	84.675893	2.122167
0.001603	0.382248	20.584702	
0.28175	19.114968	84.675893	2.122167
0.001603	0.381596	24.328286	
0.42263	19.114968	84.675893	2.122167
0.001603	1.000343	31.234216	
0.56350	19.114968	84.675893	2.122167
0.001603	1.679123	38.444185	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.526885	-19.009508	-1.546329
-0.000492	-0.916820	-17.509698	
0.14088	-40.526885	-19.009508	-1.546329
-0.000492	-0.267507	-36.429286	
0.28175	-40.526885	-19.009508	-1.546329
-0.000492	-0.504574	-66.134955	
0.42263	-40.526885	-19.009508	-1.546329
-0.000492	-1.395046	-99.917728	
0.56350	-40.526885	-19.009508	-1.546329
-0.000492	-2.285455	-134.678456	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.715586	119.670681	2.333187
0.002964	1.412060	67.962403	
0.14088	22.715586	119.670681	2.333187
0.002964	0.434927	45.235191	
0.28175	22.715586	119.670681	2.333187
0.002964	0.416225	42.252404	
0.42263	22.715586	119.670681	2.333187
0.002964	1.124105	52.420662	
0.56350	22.715586	119.670681	2.333187
0.002964	1.833240	66.111611	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-62.781895	-36.160762	-1.690125
-0.003173	-1.002763	-18.553856	
0.14088	-62.781895	-36.160762	-1.690125
-0.003173	-0.297875	-31.638317	
0.28175	-62.781895	-36.160762	-1.690125
-0.003173	-0.551986	-63.092291	
0.42263	-62.781895	-36.160762	-1.690125
-0.003173	-1.292669	-104.125548	
0.56350	-62.781895	-36.160762	-1.690125
-0.003173	-2.508813	-154.993200	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.488873	104.040851	1.260495
0.004472	0.764161	82.032541	
0.14088	32.488873	104.040851	1.260495
0.004472	0.238844	68.108534	
0.28175	32.488873	104.040851	1.260495
0.004472	0.225172	61.974745	
0.42263	32.488873	104.040851	1.260495
0.004472	0.605069	80.291057	
0.56350	32.488873	104.040851	1.260495
0.004472	0.988162	104.479344	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-45.843519	-60.744809	-0.913086
-0.006587	-0.544312	-23.779551	
0.14088	-45.843519	-60.744809	-0.913086
-0.006587	-0.162930	-36.714116	
0.28175	-45.843519	-60.744809	-0.913086
-0.006587	-0.304182	-54.635126	
0.42263	-45.843519	-60.744809	-0.913086
-0.006587	-0.833013	-83.647243	
0.56350	-45.843519	-60.744809	-0.913086
-0.006587	-1.361862	-125.636952	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	49.182545	119.670681	2.463827
0.004164	1.483757	89.326143	
0.14088	49.182545	119.670681	2.463827
0.004164	0.452910	73.864257	
0.28175	49.182545	119.670681	2.463827
0.004164	0.416225	74.292225	
0.42263	49.182545	119.670681	2.463827
0.004164	1.124105	101.411042	
0.56350	49.182545	119.670681	2.463827
0.004164	1.833240	136.721840	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-62.781895	-89.500557	-1.690125
-0.007129	-1.002763	-35.167376	
0.14088	-62.781895	-89.500557	-1.690125
-0.007129	-0.305166	-43.886021	
0.28175	-62.781895	-89.500557	-1.690125
-0.007129	-0.593976	-69.083331	
0.42263	-62.781895	-89.500557	-1.690125
-0.007129	-1.626826	-108.730688	
0.56350	-62.781895	-89.500557	-1.690125
-0.007129	-2.660739	-156.006335	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	49.182545	119.670681	2.463827
0.004472	1.483757	89.326143	
0.14088	49.182545	119.670681	2.463827
0.004472	0.452910	73.864257	
0.28175	49.182545	119.670681	2.463827
0.004472	0.416225	74.292225	
0.42263	49.182545	119.670681	2.463827
0.004472	1.124105	101.411042	
0.56350	49.182545	119.670681	2.463827
0.004472	1.833240	136.721840	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-62.781895	-89.500557	-1.690125
-0.007129	-1.002763	-35.167376	
0.14088	-62.781895	-89.500557	-1.690125
-0.007129	-0.305166	-43.886021	
0.28175	-62.781895	-89.500557	-1.690125
-0.007129	-0.593976	-69.083331	
0.42263	-62.781895	-89.500557	-1.690125
-0.007129	-1.626826	-108.730688	
0.56350	-62.781895	-89.500557	-1.690125
-0.007129	-2.660739	-156.006335	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	49.182545	119.670681	2.463827
0.004472	1.483757	89.326143	
0.14088	49.182545	119.670681	2.463827
0.004472	0.452910	73.864257	
0.28175	49.182545	119.670681	2.463827
0.004472	0.416225	74.292225	
0.42263	49.182545	119.670681	2.463827
0.004472	1.124105	101.411042	
0.56350	49.182545	119.670681	2.463827
0.004472	1.833240	136.721840	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-62.781895	-89.500557	-1.690125
-0.007129	-1.002763	-35.167376	
0.14088	-62.781895	-89.500557	-1.690125
-0.007129	-0.305166	-43.886021	
0.28175	-62.781895	-89.500557	-1.690125
-0.007129	-0.593976	-69.083331	
0.42263	-62.781895	-89.500557	-1.690125
-0.007129	-1.626826	-108.730688	
0.56350	-62.781895	-89.500557	-1.690125
-0.007129	-2.660739	-156.006335	

ELEM 188 ========== LENGTH = 2.977394

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	25.003165	2.862536	0.517730
0.000946	0.542923	7.128065	
0.57747	25.003165	2.862536	0.517730
0.000946	0.325820	6.012663	
0.71831	25.003165	2.862536	0.517730
0.000946	0.108710	4.935753	
0.85916	25.003165	2.862536	0.517730
0.000946	0.086280	3.930533	
1.00000	25.003165	2.862536	0.517730
0.000946	0.261632	3.153569	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-6.949282	-39.511025	-0.418125
-0.000978	-0.439728	-78.237168	
0.57747	-6.949282	-39.511025	-0.418125
-0.000978	-0.264394	-61.666965	
0.71831	-6.949282	-39.511025	-0.418125
-0.000978	-0.089049	-45.167625	
0.85916	-6.949282	-39.511025	-0.418125
-0.000978	-0.108329	-28.740112	
1.00000	-6.949282	-39.511025	-0.418125
-0.000978	-0.325515	-12.530744	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	27.649255	25.847897	0.822622
0.004761	0.863940	44.091461	
0.57747	27.649255	25.847897	0.822622
0.004761	0.518975	33.383265	
0.71831	27.649255	25.847897	0.822622
0.004761	0.173944	25.944397	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	27.649255	25.847897	0.822622
0.004761	0.169910	42.002654	
1.00000	27.649255	25.847897	0.822622
0.004761	0.481752	61.306889	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-39.251022	-97.759465	-0.743822
-0.004804	-0.459755	-121.948748	
0.57747	-39.251022	-97.759465	-0.743822
-0.004804	-0.459755	-81.948989	
0.71831	-39.251022	-97.759465	-0.743822
-0.004804	-0.155355	-51.875177	
0.85916	-39.251022	-97.759465	-0.743822
-0.004804	-0.170917	-32.100393	
1.00000	-39.251022	-97.759465	-0.743822
-0.004804	-0.515923	-19.857987	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	26.531251	38.852293	1.057250
0.003800	1.111073	70.325604	
0.57747	26.531251	38.852293	1.057250
0.003800	0.667716	54.121627	
0.71831	26.531251	38.852293	1.057250
0.003800	0.224215	40.106693	
0.85916	26.531251	38.852293	1.057250
0.003800	0.218266	42.754581	
1.00000	26.531251	38.852293	1.057250
0.003800	0.626375	45.191439	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-34.902512	-72.402676	-0.982642
-0.003836	-1.021903	-100.365733	
0.57747	-34.902512	-72.402676	-0.982642
-0.003836	-0.613745	-70.135147	
0.71831	-34.902512	-72.402676	-0.982642
-0.003836	-0.206703	-46.827359	
0.85916	-34.902512	-72.402676	-0.982642
-0.003836	-0.218960	-30.193559	
1.00000	-34.902512	-72.402676	-0.982642
-0.003836	-0.662353	-17.584896	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	39.732377	50.570923	1.152776
0.003501	1.211565	85.531620	
0.57747	39.732377	50.570923	1.152776
0.003501	0.728150	64.614620	
0.71831	39.732377	50.570923	1.152776
0.003501	0.244598	46.245248	
0.85916	39.732377	50.570923	1.152776
0.003501	0.232211	41.844039	
1.00000	39.732377	50.570923	1.152776
0.003501	0.684805	39.259774	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-34.699014	-61.290239	-1.079177
-0.003512	-1.125400	-85.609535	
0.57747	-34.699014	-61.290239	-1.079177
-0.003512	-0.676094	-60.019860	
0.71831	-34.699014	-61.290239	-1.079177
-0.003512	-0.227706	-40.177341	
0.85916	-34.699014	-61.290239	-1.079177
-0.003512	-0.238629	-26.437212	
1.00000	-34.699014	-61.290239	-1.079177
-0.003512	-0.722095	-22.843017	

COMB DB-G2-1 ---------- MAX

```
REL DIST          P          V2          V3
     T         M2         M3
0.43662   3.199445   26.183195    0.344334
 0.003283   0.362656   46.125159
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2142

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.57747   3.199445   26.183195    0.344334
 0.003283   0.218260   35.177773
0.71831   3.199445   26.183195    0.344334
 0.003283   0.073838   26.903003
0.85916   3.199445   26.183195    0.344334
 0.003283   0.098467   38.257986
1.00000   3.199445   26.183195    0.344334
 0.003283   0.269591   53.066239

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -36.156209  -52.126614   -0.408273
-0.003283  -0.415235  -38.496006
0.57747  -36.156209  -52.126614   -0.408273
-0.003283  -0.548826  -17.642454
0.71831  -36.156209  -52.126614   -0.408273
-0.003283  -0.083931   -5.295926
0.85916  -36.156209  -52.126614   -0.408273
-0.003283  -0.070504   -2.217369
1.00000  -36.156209  -52.126614   -0.408273
-0.003283  -0.214928   -6.316876

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   18.165876   53.256007    0.697527
 0.003426   0.734287   86.330006
0.57747   18.165876   53.256007    0.697527
 0.003426   0.441780   64.837290
0.71831   18.165876   53.256007    0.697527
 0.003426   0.149166   46.155030
0.85916   18.165876   53.256007    0.697527
 0.003426   0.166625   46.578661
1.00000   18.165876   53.256007    0.697527
 0.003426   0.478371   48.929152

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -34.390584  -39.556920   -0.743334
-0.003420  -0.768494  -29.157055
0.57747  -34.390584  -39.556920   -0.743334
-0.003420  -0.461253  -12.721459
0.71831  -34.390584  -39.556920   -0.743334
-0.003420  -0.155307   -4.205789
0.85916  -34.390584  -39.556920   -0.743334
-0.003420   0.143194   -4.037545
1.00000  -34.390584  -39.556920   -0.743334
-0.003420  -0.435740  -13.010101

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   27.298996   58.810038    1.002102
 0.003099   1.053910  105.628986
0.57747   27.298996   58.810038    1.002102
 0.003099   0.633680   81.209949
0.71831   27.298996   58.810038    1.002102
 0.003099   0.213288   59.330912
0.85916   27.298996   58.810038    1.002102
 0.003099   0.200229   51.289333
1.00000   27.298996   58.810038    1.002102
 0.003099   0.588231   44.658151

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -45.866794  -50.548483   -0.925121
-0.003119  -0.963561  -64.475587
0.57747  -45.866794  -50.548483   -0.925121
-0.003119  -0.578781  -43.437602
0.71831  -45.866794  -50.548483   -0.925121
-0.003119  -0.194891  -28.028028
0.85916  -45.866794  -50.548483   -0.925121
-0.003119  -0.206654  -18.767926
1.00000  -45.866794  -50.548483   -0.925121
-0.003119  -0.627010  -17.213462
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2143

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   27.583194   59.758592    1.115525
 0.002946   1.172998  108.683496
0.57747   27.583194   59.758592    1.115525
 0.002946   0.705196   83.825887
0.71831   27.583194   59.758592    1.115525
 0.002946   0.237261   61.010069
0.85916   27.583194   59.758592    1.115525
 0.002946   0.230375   49.577897
1.00000   27.583194   59.758592    1.115525
 0.002946   0.660459   39.547695

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -45.078509  -43.580533   -1.042908
-0.002936  -1.088915  -56.377925
0.57747  -45.078509  -43.580533   -1.042908
-0.002936  -0.654228  -38.236785
0.71831  -45.078509  -43.580533   -1.042908
-0.002936  -0.220279  -24.841030
0.85916  -45.078509  -43.580533   -1.042908
-0.002936  -0.230266  -16.416613
1.00000  -45.078509  -43.580533   -1.042908
-0.002936  -0.698168  -16.610637

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   3.078360   15.387169    0.448284
 0.000565   0.471260   29.729999
0.57747   3.078360   15.387169    0.448284
 0.000565   0.283273   23.298424
0.71831   3.078360   15.387169    0.448284
 0.000565   0.095237   16.892889
0.85916   3.078360   15.387169    0.448284
 0.000565   0.088569   10.647936
1.00000   3.078360   15.387169    0.448284
 0.000565   0.268146   4.466054

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -12.219976   -2.544959   -0.428186
-0.000518  -0.450090   -4.345085
0.57747  -12.219976   -2.544959   -0.428186
-0.000518  -0.270537   -3.384697
0.71831  -12.219976   -2.544959   -0.428186
-0.000518  -0.090968   -2.435730
0.85916  -12.219976   -2.544959   -0.428186
-0.000518  -0.092656   -1.560622
1.00000  -12.219976   -2.544959   -0.428186
-0.000518  -0.280689   -1.056978

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   28.463429   44.097826    0.767912
 0.001058   0.807420   68.379555
0.57747   28.463429   44.097826    0.767912
 0.001058   0.485397   50.243580
0.71831   28.463429   44.097826    0.767912
 0.001058   0.163309   33.889844
0.85916   28.463429   44.097826    0.767912
 0.001058   0.151533   20.178449
1.00000   28.463429   44.097826    0.767912
 0.001058   0.458094    7.713592

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -18.429633   -4.741756   -0.730978
-0.000998  -0.768046   -7.210583
0.57747  -18.429633   -4.741756   -0.730978
-0.000998  -0.461696   -5.262253
0.71831  -18.429633   -4.741756   -0.730978
-0.000998  -0.155374   -3.643488
0.85916  -18.429633   -4.741756   -0.730978
-0.000998   0.155578   -3.674297
1.00000  -18.429633   -4.741756   -0.730978
-0.000998  -0.480671  -12.956221
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2144

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   16.715555   50.654186    0.989017
 0.001284   1.040380   89.982259
0.57747   16.715555   50.654186    0.989017
 0.001284   0.625637   68.942606
0.71831   16.715555   50.654186    0.989017
 0.001284   0.210750   48.864976
0.85916   16.715555   50.654186    0.989017
 0.001284   0.205125   30.757905
1.00000   16.715555   50.654186    0.989017
 0.001284   0.619024   13.312689

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662   -28.193571   -5.784103   -0.986722
-0.001233  -1.036107   -9.340293
0.57747   -28.193571   -5.784103   -0.986722
-0.001233  -0.622620   -6.329665
0.71831   -28.193571   -5.784103   -0.986722
-0.001233  -0.209113   -5.040866
0.85916   -28.193571   -5.784103   -0.986722
-0.001233  -0.203759   -4.297295
1.00000   -28.193571   -5.784103   -0.986722
-0.001233  -0.618592   -7.873009

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   19.036449   66.710779    1.104614
 0.003173   1.161885  122.340239
0.57747   19.036449   66.710779    1.104614
 0.003173   0.698667   94.434289
0.71831   19.036449   66.710779    1.104614
 0.003173   0.235292   69.016835
0.85916   19.036449   66.710779    1.104614
 0.003173   0.233459   56.981550
1.00000   19.036449   66.710779    1.104614
 0.003173   0.688219   46.351020

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -52.454264  -39.664710   -1.084403
-0.003143  -1.130757  -43.269911
0.57747  -52.454264  -39.664710   -1.084403
-0.003143  -0.679168  -26.773472
0.71831  -52.454264  -39.664710   -1.084403
-0.003143  -0.228449  -15.857155
0.85916  -52.454264  -39.664710   -1.084403
-0.003143  -0.227653  -10.832048
1.00000  -52.454264  -39.664710   -1.084403
-0.003143  -0.690987  -12.477183

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   51.787223    4.407080    1.139244
 0.001006   1.195014   11.736494
0.57747   51.787223    4.407080    1.139244
 0.001006   0.717287    9.930188
0.71831   51.787223    4.407080    1.139244
 0.001006   0.239551    8.143126
0.85916   51.787223    4.407080    1.139244
 0.001006   0.146473    6.419788
1.00000   51.787223    4.407080    1.139244
 0.001006   0.446893    4.848415

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662   -9.492637  -84.269243   -0.718319
-0.001121  -0.756285  -167.410966
0.57747   -9.492637  -84.269243   -0.718319
-0.001121  -0.454042  -132.081260
0.71831   -9.492637  -84.269243   -0.718319
-0.001121  -0.153688  -96.767797
0.85916   -9.492637  -84.269243   -0.718319
-0.001121  -0.238182  -61.511925
1.00000   -9.492637  -84.269243   -0.718319
-0.001121  -0.715923  -26.483819
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2145

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   52.554102   27.595799    1.603748
 0.004317   1.685120   53.589667
0.57747   52.554102   27.595799    1.603748
 0.004317   1.012558   42.871702
0.71831   52.554102   27.595799    1.603748
 0.004317   0.339918   37.351217
0.85916   52.554102   27.595799    1.603748
 0.004317   0.281924   56.289343
1.00000   52.554102   27.595799    1.603748
 0.004317   0.820275   77.863115

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -53.379528  -153.203646   -1.288892
-0.004462  -1.340281  -218.799375
0.57747  -53.379528  -153.203646   -1.288892
-0.004462  -0.804419  -155.166348
0.71831  -53.379528  -153.203646   -1.288892
-0.004462  -0.271907  -103.189515
0.85916  -53.379528  -153.203646   -1.288892
-0.004462  -0.334022  -64.467982
1.00000  -53.379528  -153.203646   -1.288892
-0.004462  -1.005764  -33.552472

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   51.109897   61.410162    2.086316
 0.003546   2.192507  115.494429
0.57747   51.109897   61.410162    2.086316
 0.003546   1.317279   90.319489
0.71831   51.109897   61.410162    2.086316
 0.003546   0.442156   68.785410
0.85916   51.109897   61.410162    2.086316
 0.003546   0.362225   64.472211
1.00000   51.109897   61.410162    2.086316
 0.003546   1.070207   61.605233

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -53.362726  -122.998283   -1.694154
-0.003677  -1.770894  -187.279509
0.57747  -53.362726  -122.998283   -1.694154
-0.003677  -1.063875  -136.098072
0.71831  -53.362726  -122.998283   -1.694154
-0.003677  -0.360026   -93.150357
0.85916  -53.362726  -122.998283   -1.694154
-0.003677  -0.431810   -59.419735
1.00000  -53.362726  -122.998283   -1.694154
-0.003677  -1.306145   -30.399313

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   60.682424   88.647556    2.389266
 0.003275   2.510792  155.324693
0.57747   60.682424   88.647556    2.389266
 0.003275   1.508484  118.660560
0.71831   60.682424   88.647556    2.389266
 0.003275   0.505796   85.116315
0.85916   60.682424   88.647556    2.389266
 0.003275   0.408490   66.923695
1.00000   60.682424   88.647556    2.389266
 0.003275   1.215950   54.105240

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -52.839199  -103.701591   -1.930063
-0.003352  -2.001229  -158.816715
0.57747  -52.839199  -103.701591   -1.930063
-0.003352  -1.214518  -115.669343
0.71831  -52.839199  -103.701591   -1.930063
-0.003352  -0.410506   -79.360050
0.85916  -52.839199  -103.701591   -1.930063
-0.003352  -0.493580   -51.220898
1.00000  -52.839199  -103.701591   -1.930063
-0.003352  -1.495682   -33.455760
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2146

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   4.901213   28.707486    0.508608
 0.002420   0.535874   57.295531
0.57747   4.901213   28.707486    0.508608
 0.002420   0.322689   45.925894
0.71831   4.901213   28.707486    0.508608
 0.002420   0.109509   38.252695
0.85916   4.901213   28.707486    0.508608
 0.002420   0.142796   47.970607
1.00000   4.901213   28.707486    0.508608
 0.002420   0.405065   60.772273

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -52.108362  -54.989671   -0.627146
-0.002420  -0.647242  -44.485075
0.57747  -52.108362  -54.989671   -0.627146
-0.002420  -0.388206  -21.950447
0.71831  -52.108362  -54.989671   -0.627146
-0.002420  -0.130332   -7.642109
0.85916  -52.108362  -54.989671   -0.627146
-0.002420  -0.104464   -3.201373
1.00000  -52.108362  -54.989671   -0.627146
-0.002420  -0.317034   -6.735283

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   21.431979   83.487478    1.317375
 0.002626   0.385805  146.254160
0.57747   21.431979   83.487478    1.317375
 0.002626   0.832823  110.767202
0.71831   21.431979   83.487478    1.317375
 0.002626   0.280317   79.854790
0.85916   21.431979   83.487478    1.317375
 0.002626   0.268205   66.518945
1.00000   21.431979   83.487478    1.317375
 0.002626   0.783874   57.406627

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -51.053251  -42.890272   -1.233317
-0.002616  -1.286003  -33.393698
0.57747  -51.053251  -42.890272   -1.233317
-0.002616  -0.772953  -15.793693
0.71831  -51.053251  -42.890272   -1.233317
-0.002616  -0.261437   -5.957313
0.85916  -51.053251  -42.890272   -1.233317
-0.002616  -0.270402   -5.398815
1.00000  -51.053251  -42.890272   -1.233317
-0.002616  -0.822408  -13.756097

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   37.426473   88.193141    1.938244
 0.002399   2.037969  162.332688
0.57747   37.426473   88.193141    1.938244
 0.002399   1.224431  125.733719
0.71831   37.426473   88.193141    1.938244
 0.002399   0.411861   91.534619
0.85916   37.426473   88.193141    1.938244
 0.002399   0.352922   69.203637
1.00000   37.426473   88.193141    1.938244
 0.002399   1.050261   51.155460

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -62.866713  -71.090419   -1.667070
-0.002441  -1.745369  -103.673308
0.57747  -62.866713  -71.090419   -1.667070
-0.002441  -1.048936   -74.242125
0.71831  -62.866713  -71.090419   -1.667070
-0.002441  -0.354343   -49.896447
0.85916  -62.866713  -71.090419   -1.667070
-0.002441  -0.399174   -31.865054
1.00000  -62.866713  -71.090419   -1.667070
-0.002441  -1.211334   -21.747638
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2147

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   37.291001   98.654733    2.266757
 0.002365   2.383608  180.754705
0.57747   37.291001   98.654733    2.266757
 0.002365   1.432639  139.714819
0.71831   37.291001   98.654733    2.266757
 0.002365   0.481327  100.670535
0.85916   37.291001   98.654733    2.266757
 0.002365   0.413348   71.381875
1.00000   37.291001   98.654733    2.266757
 0.002365   1.237472   46.863322

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -63.372563  -60.888790   -1.968228
-0.002357  -2.063603  -89.876835
0.57747  -63.372563  -60.888790   -1.968228
-0.002357  -1.240419  -64.610197
0.71831  -63.372563  -60.888790   -1.968228
-0.002357  -0.418612  -43.609311
0.85916  -63.372563  -60.888790   -1.968228
-0.002357  -0.465476  -27.851064
1.00000  -63.372563  -60.888790   -1.968228
-0.002357  -1.416612  -20.616315

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   4.831659   29.168663    0.979773
 0.000577   1.031469   57.796758
0.57747   4.831659   29.168663    0.979773
 0.000577   0.620329   45.581921
0.71831   4.831659   29.168663    0.979773
 0.000577   0.209515   33.382795
0.85916   4.831659   29.168663    0.979773
 0.000577   0.192538   21.414620
1.00000   4.831659   29.168663    0.979773
 0.000577   0.584409   9.890422

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -24.090484   -3.936807   -0.933879
-0.000504  -0.981974   -6.486128
0.57747  -24.090484   -3.936807   -0.933879
-0.000504  -0.590366   -5.018122
0.71831  -24.090484   -3.936807   -0.933879
-0.000504  -0.198521   -3.571242
0.85916  -24.090484   -3.936807   -0.933879
-0.000504  -0.199085   -2.264339
1.00000  -24.090484   -3.936807   -0.933879
-0.000504  -0.611028   -1.534391

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   32.549257   84.818795    1.756392
 0.000994   1.846992  141.151020
0.57747   32.549257   84.818795    1.756392
 0.000994   1.110059  105.662757
0.71831   32.549257   84.818795    1.756392
 0.000994   0.372162   70.568885
0.85916   32.549257   84.818795    1.756392
 0.000994   0.312556   38.737045
1.00000   32.549257   84.818795    1.756392
 0.000994   0.947928   13.078146

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -31.374728   -5.347700   -1.514508
-0.000894  -1.521546   -9.427885
0.57747  -31.374728   -5.347700   -1.514508
-0.000894  -0.957532   -7.231896
0.71831  -31.374728   -5.347700   -1.514508
-0.000894  -0.322309   -5.290043
0.85916  -31.374728   -5.347700   -1.514508
-0.000894  -0.359333   -4.744342
1.00000  -31.374728   -5.347700   -1.514508
-0.000894  -1.097498  -14.066451
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          2148

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   23.399033   96.034848    2.054310
 0.001032   2.161029  174.729173
0.57747   23.399033   96.034848    2.054310
 0.001032   1.298604  134.488182
0.71831   23.399033   96.034848    2.054310
 0.001032   0.436313   94.426690
0.85916   23.399033   96.034848    2.054310
 0.001032   0.386225   55.833888
1.00000   23.399033   96.034848    2.054310
 0.001032   1.167208   20.649800

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -50.433456   -6.182221   -1.863154
-0.000948  -1.958703  -12.114669
0.57747  -50.433456   -6.182221   -1.863154
-0.000948  -1.177766   -9.155254
0.71831  -50.433456   -6.182221   -1.863154
-0.000948  -0.396740   -7.087549
0.85916  -50.433456   -6.182221   -1.863154
-0.000948  -0.419106   -5.848410
1.00000  -50.433456   -6.182221   -1.863154
-0.000948  -1.281638   -9.762467

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   27.799011  102.766618    2.213159
 0.002380   2.328562  192.152222
0.57747   27.799011  102.766618    2.213159
 0.002380   1.399691  149.432763
0.71831   27.799011  102.766618    2.213159
 0.002380   0.470819  108.912310
0.85916   27.799011  102.766618    2.213159
 0.002380   0.430605   79.292290
1.00000   27.799011  102.766618    2.213159
 0.002380   1.287149   53.782475

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -75.493358  -47.802771   -2.045068
-0.002343  -2.143578  -60.548323
0.57747  -75.493358  -47.802771   -2.045068
-0.002343  -1.288211  -40.806838
0.71831  -75.493358  -47.802771   -2.045068
-0.002343  -0.434185  -25.883463
0.85916  -75.493358  -47.802771   -2.045068
-0.002343  -0.452675  -17.023219
1.00000  -75.493358  -47.802771   -2.045068
-0.002343  -1.381482  -15.563506

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43662   39.732377   66.710779    1.152776
 0.004761   1.211565  122.242239
0.57747   39.732377   66.710779    1.152776
 0.004761   0.728150   94.434289
0.71831   39.732377   66.710779    1.152776
 0.004761   0.244736   69.016835
0.85916   39.732377   66.710779    1.152776
 0.004761   0.233459   56.981550
1.00000   39.732377   66.710779    1.152776
 0.004761   0.688219   61.306889

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43662  -52.454264  -97.759465   -1.084403
```

-0.004804 -1.130757 -122.740148
0.57747 -52.454264 -97.759465 -1.084403
-0.004804 -0.679168 -81.948989
0.71831 -52.454264 -97.759465 -1.084403
-0.004804 -0.228446 -51.875177
0.85916 -52.454264 -97.759465 -1.084403
-0.004804 -0.238629 -32.100393
1.00000 -52.454264 -97.759465 -1.084403
-0.004804 -0.722095 -22.843017
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 60.682424 102.766618 2.389266
0.004317 2.510792 192.152222
0.57747 60.682424 102.766618 2.389266
0.004317 1.508484 149.432763
0.71831 60.682424 102.766618 2.389266
0.004317 0.505796 108.912310
0.85916 60.682424 102.766618 2.389266
0.004317 0.430605 79.292290
1.00000 60.682424 102.766618 2.389266
0.004317 1.287149 77.863115

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -75.493358 -153.203646 -2.045068
-0.004462 -2.143578 -218.799375
0.57747 -75.493358 -153.203646 -2.045068
-0.004462 -1.288211 -155.166348
0.71831 -75.493358 -153.203646 -2.045068
-0.004462 -0.434185 -103.189615
0.85916 -75.493358 -153.203646 -2.045068
-0.004462 -0.493580 -64.467982
1.00000 -75.493358 -153.203646 -2.045068
-0.004462 -1.495682 -33.552472

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 60.682424 102.766618 2.389266
0.004761 2.510792 192.152222
0.57747 60.682424 102.766618 2.389266
0.004761 1.508484 149.432763
0.71831 60.682424 102.766618 2.389266
0.004761 0.505796 108.912310
0.85916 60.682424 102.766618 2.389266
0.004761 0.430605 79.292290
1.00000 60.682424 102.766618 2.389266
0.004761 1.287149 77.863115

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -75.493358 -153.203646 -2.045068
-0.004804 -2.143578 -218.799375
0.57747 -75.493358 -153.203646 -2.045068
-0.004804 -1.288211 -155.166348
0.71831 -75.493358 -153.203646 -2.045068
-0.004804 -0.434185 -103.189615
0.85916 -75.493358 -153.203646 -2.045068
-0.004804 -0.493580 -64.467982
1.00000 -75.493358 -153.203646 -2.045068
-0.004804 -1.495682 -33.552472

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 60.682424 102.766618 2.389266
0.004761 2.510792 192.152222
0.57747 60.682424 102.766618 2.389266
0.004761 1.508484 149.432763
0.71831 60.682424 102.766618 2.389266
0.004761 0.505796 108.912310
0.85916 60.682424 102.766618 2.389266
0.004761 0.430605 79.292290
1.00000 60.682424 102.766618 2.389266
0.004761 1.287149 77.863115

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -75.493358 -153.203646 -2.045068
-0.004804 -2.143578 -218.799375
0.57747 -75.493358 -153.203646 -2.045068
-0.004804 -1.288211 -155.166348
0.71831 -75.493358 -153.203646 -2.045068
-0.004804 -0.434185 -103.189615
0.85916 -75.493358 -153.203646 -2.045068
-0.004804 -0.493580 -64.467982
1.00000 -75.493358 -153.203646 -2.045068
-0.004804 -1.495682 -33.552472
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 189 ========== LENGTH = 2.977377

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.985304 2.863145 0.514859
0.000920 0.322181 3.151562
0.14084 24.985304 2.863145 0.514859
0.000920 0.106243 9.670115
0.28169 24.985304 2.863145 0.514859
0.000920 0.089400 24.196837
0.42253 24.985304 2.863145 0.514859
0.000920 0.269018 38.749909
0.56337 24.985304 2.863145 0.514859
0.000920 0.448623 53.747589

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.963785 -39.181710 -0.428311
-0.000973 -0.269623 -12.518799
0.14084 -6.963785 -39.181710 -0.428311
-0.000973 -0.090197 -2.302021
0.28169 -6.963785 -39.181710 -0.428311
-0.000973 -0.109584 -1.865996
0.42253 -6.963785 -39.181710 -0.428311
-0.000973 -0.325528 -2.035981
0.56337 -6.963785 -39.181710 -0.428311
-0.000973 -0.541431 -3.148796

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.628756 62.424723 0.829000
0.004733 0.520022 61.305662
0.14084 27.628756 62.424723 0.829000
0.004733 0.172336 48.149492
0.28169 27.628756 62.424723 0.829000
0.004733 0.155832 43.460068
0.42253 27.628756 62.424723 0.829000
0.004733 0.462613 63.289302
0.56337 27.628756 62.424723 0.829000
0.004733 0.770628 86.164500

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -45.027012 -59.227620 -0.743216
-0.004785 -0.481263 -19.889521
0.14084 -45.027012 -59.227620 -0.743216
-0.004785 -0.169562 -5.319892
0.28169 -45.027012 -59.227620 -0.743216
-0.004785 -0.175173 -4.061233
0.42253 -45.027012 -59.227620 -0.743216
-0.004785 -0.522888 -22.452229
0.56337 -45.027012 -59.227620 -0.743216
-0.004785 -0.870525 -47.474773

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.518585 64.105626 1.069251
0.003439 0.671316 45.199190
0.14084 26.518585 64.105626 1.069251
0.003439 0.222854 32.091171
0.28169 26.518585 64.105626 1.069251
0.003439 0.207108 30.401707
0.42253 26.518585 64.105626 1.069251
0.003439 0.616992 45.428691
0.56337 26.518585 64.105626 1.069251
0.003439 1.027646 62.631399

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -38.894469 -46.132558 -0.985200
-0.003484 -0.628471 -17.601840
0.14084 -38.894469 -46.132558 -0.985200
-0.003484 -0.215236 -10.254117
0.28169 -38.894469 -46.132558 -0.985200
-0.003484 -0.225314 -18.018812
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42253 -38.894469 -46.132558 -0.985200
-0.003484 -0.673836 -39.100350
0.56337 -38.894469 -46.132558 -0.985200
-0.003484 -1.122220 -64.906815

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 39.726133 71.438314 1.167114
0.003302 0.732953 39.269271
0.14084 39.726133 71.438314 1.167114
0.003302 0.243456 27.077618
0.28169 39.726133 71.438314 1.167114
0.003302 0.228147 26.065122
0.42253 39.726133 71.438314 1.167114
0.003302 0.680556 39.002783
0.56337 39.726133 71.438314 1.167114
0.003302 1.133587 53.774669

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -38.035602 -39.515299 -1.085244
-0.003332 -0.689734 -22.957223
0.14084 -38.035602 -39.515299 -1.085244
-0.003332 -0.234543 -23.756929
0.28169 -38.035602 -39.515299 -1.085244
-0.003332 -0.245742 -37.283170
0.42253 -38.035602 -39.515299 -1.085244
-0.003332 -0.735314 -61.858634
0.56337 -38.035602 -39.515299 -1.085244
-0.003332 -1.224736 -90.370694

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.207232 57.086611 0.354762
0.003035 0.223489 53.068902
0.14084 3.207232 57.086611 0.354762
0.003035 0.074698 37.503695
0.28169 3.207232 57.086611 0.354762
0.003035 0.084042 23.030270
0.42253 3.207232 57.086611 0.354762
0.003035 0.246017 29.017403
0.56337 3.207232 57.086611 0.354762
0.003035 0.409033 37.174055

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -41.001406 -19.882011 -0.396023
-0.003021 -0.259630 -6.355560
0.14084 -41.001406 -19.882011 -0.396023
-0.003021 -0.093501 -3.133930
0.28169 -41.001406 -19.882011 -0.396023
-0.003021 -0.107061 -5.268169
0.42253 -41.001406 -19.882011 -0.396023
-0.003021 -0.222813 -23.325770
0.56337 -41.001406 -19.882011 -0.396023
-0.003021 -0.371581 -46.094138

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.181517 82.024685 0.714227
0.003025 0.449437 48.941918
0.14084 18.181517 82.024685 0.714227
0.003025 0.149874 25.182437
0.28169 18.181517 82.024685 0.714227
0.003025 0.155391 7.636714
0.42253 18.181517 82.024685 0.714227
0.003025 0.459935 9.175148
0.56337 18.181517 82.024685 0.714227
0.003025 0.765388 12.755970

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -38.958312 -9.944284 -0.735181
-0.003017 -0.471865 -13.045649
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14084 -38.958312 -9.944284 -0.735181
-0.003017 -0.163473 -20.283086
0.28169 -38.958312 -9.944284 -0.735181
-0.003017 -0.149450 -34.677103
0.42253 -38.958312 -9.944284 -0.735181
-0.003017 -0.449084 -63.680651
0.56337 -38.958312 -9.944284 -0.735181
-0.003017 -0.748591 -96.934573

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.291072 79.830950 1.019827
0.002891 0.640954 44.672564
0.14084 27.291072 79.830950 1.019827
0.002891 0.213227 26.834709
0.28169 27.291072 79.830950 1.019827
0.002891 0.195203 21.605808
0.42253 27.291072 79.830950 1.019827
0.002891 0.581616 30.256671
0.56337 27.291072 79.830950 1.019827
0.002891 0.968661 40.883007

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -49.160006 -29.175022 -0.927771
-0.002918 -0.590447 -17.227663
0.14084 -49.160006 -29.175022 -0.927771
-0.002918 -0.201298 -19.762564
0.28169 -49.160006 -29.175022 -0.927771
-0.002918 -0.214197 -35.829925
0.42253 -49.160006 -29.175022 -0.927771
-0.002918 -0.642021 -65.063642
0.56337 -49.160006 -29.175022 -0.927771
-0.002918 -1.069679 -97.596884

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.577886 77.486228 1.134717
0.002890 0.773298 39.562403
0.14084 27.577886 77.486228 1.134717
0.002890 0.237395 22.809466
0.28169 27.577886 77.486228 1.134717
0.002890 0.220680 18.892834
0.42253 27.577886 77.486228 1.134717
0.002890 0.658256 26.664039
0.56337 27.577886 77.486228 1.134717
0.002890 1.096321 35.922328

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -47.859845 -25.701550 -1.048660
-0.002881 -0.665094 -16.622650
0.14084 -47.859845 -25.701550 -1.048660
-0.002881 -0.225257 -20.982014
0.28169 -47.859845 -25.701550 -1.048660
-0.002881 -0.238220 -36.814600
0.42253 -47.859845 -25.701550 -1.048660
-0.002881 -0.714197 -65.505741
0.56337 -47.859845 -25.701550 -1.048660
-0.002881 -1.190042 -97.119933

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.087144 15.585738 0.456213
0.000769 0.287011 4.471928
0.14084 3.087144 15.585738 0.456213
0.000769 0.095655 2.522615
0.28169 3.087144 15.585738 0.456213
0.000769 0.091223 3.512948
0.42253 3.087144 15.585738 0.456213
0.000769 0.272615 4.531322
0.56337 3.087144 15.585738 0.456213
0.000769 0.453964 5.555203
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.261033 -2.484355 -0.432469
-0.000713 -0.271455 -1.056279
0.14084 -12.261033 -2.484355 -0.432469
-0.000713 -0.090068 -2.740038
0.28169 -12.261033 -2.484355 -0.432469
-0.000713 -0.095563 -9.176833
0.42253 -12.261033 -2.484355 -0.432469
-0.000713 -0.286920 -15.700176
0.56337 -12.261033 -2.484355 -0.432469
-0.000713 -0.478230 -22.231498

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 28.474161 45.306955 0.780944
0.001343 0.491035 7.724116
0.14084 28.474161 45.306955 0.780944
0.001343 0.163531 2.098910
0.28169 28.474161 45.306955 0.780944
0.001343 0.155661 2.460493
0.42253 28.474161 45.306955 0.780944
0.001343 0.465372 7.758592
0.56337 28.474161 45.306955 0.780944
0.001343 0.775085 5.206758

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.679447 -3.583517 -0.738841
-0.001291 -0.464397 -12.956669
0.14084 -18.679447 -3.583517 -0.738841
-0.001291 -0.154499 -26.153729
0.28169 -18.679447 -3.583517 -0.738841
-0.001291 -0.163873 -44.652567
0.42253 -18.679447 -3.583517 -0.738841
-0.001291 -0.491420 -62.719192
0.56337 -18.679447 -3.583517 -0.738841
-0.001291 -0.818903 -81.631170

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.737128 53.013086 1.008595
0.001142 0.634498 13.330398
0.14084 16.737128 53.013086 1.008595
0.001142 0.211431 3.444516
0.28169 16.737128 53.013086 1.008595
0.001142 0.209464 3.067586
0.42253 16.737128 53.013086 1.008595
0.001142 0.625083 4.343420
0.56337 16.737128 53.013086 1.008595
0.001142 1.040703 5.937306

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.601126 -3.863115 -0.991562
-0.001089 -0.622786 -7.873679
0.14084 -28.601126 -3.863115 -0.991562
-0.001089 -0.206845 -19.365247
0.28169 -28.601126 -3.863115 -0.991562
-0.001089 -0.211262 -39.543547
0.42253 -28.601126 -3.863115 -0.991562
-0.001089 -0.634346 -60.955300
0.56337 -28.601126 -3.863115 -0.991562
-0.001089 -1.057295 -82.712897

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.044056 87.464138 1.126768
0.003186 0.708722 46.367727
0.14084 19.044056 87.464138 1.126768
0.003186 0.236151 23.447422
0.28169 19.044056 87.464138 1.126768
0.003186 0.228184 14.605628
0.42253 19.044056 87.464138 1.126768
0.003186 0.679000 19.606570
0.56337 19.044056 87.464138 1.126768
0.003186 1.130447 26.237484
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -55.718533 -18.710981 -1.081323
-0.003136 -0.686196 -12.495383
0.14084 -55.718533 -18.710981 -1.081323
-0.003136 -0.232643 -18.071916
0.28169 -55.718533 -18.710981 -1.081323
-0.003136 -0.236140 -37.942791
0.42253 -55.718533 -18.710981 -1.081323
-0.003136 -0.708789 -70.673040
0.56337 -55.718533 -18.710981 -1.081323
-0.003136 -1.181292 -106.413147

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 51.742495 4.314166 1.123999
0.000985 0.703783 4.844880
0.14084 51.742495 4.314166 1.123999
0.000985 0.232438 15.395406
0.28169 51.742495 4.314166 1.123999
0.000985 0.152695 48.364299
0.42253 51.742495 4.314166 1.123999
0.000985 0.461242 81.799914
0.56337 51.742495 4.314166 1.123999
0.000985 0.771029 115.588274

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.507019 -83.780378 -0.737201
-0.001091 -0.464055 -26.458548
0.14084 -9.507019 -83.780378 -0.737201
-0.001091 -0.125382 -3.135274
0.28169 -9.507019 -83.780378 -0.737201
-0.001091 -0.238929 -2.869500
0.42253 -9.507019 -83.780378 -0.737201
-0.001091 -0.710301 -3.301156
0.56337 -9.507019 -83.780378 -0.737201
-0.001091 -1.181635 -4.297161

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 52.487199 78.104567 1.608218
0.004449 1.011109 77.207367
0.14084 52.487199 78.104567 1.608218
0.004449 0.337632 62.982940
0.28169 52.487199 78.104567 1.608218
0.004449 0.271020 70.346095
0.42253 52.487199 78.104567 1.608218
0.004449 0.807045 105.837488
0.56337 52.487199 78.104567 1.608218
0.004449 1.346096 146.625276

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -60.501388 -103.275263 -1.292983
-0.004572 -0.826332 -33.567246
0.14084 -60.501388 -103.275263 -1.292983
-0.004572 -0.285267 -7.004565
0.28169 -60.501388 -103.275263 -1.292983
-0.004572 -0.339360 -5.828424
0.42253 -60.501388 -103.275263 -1.292983
-0.004572 -1.013883 -28.832906
0.56337 -60.501388 -103.275263 -1.292983
-0.004572 -1.688271 -59.728572

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 51.050364 98.103761 2.107383
0.003368 1.323478 61.647299
0.14084 51.050364 98.103761 2.107383
0.003368 0.440319 46.351518
0.28169 51.050364 98.103761 2.107383
0.003368 0.360560 56.781617
0.42253 51.050364 98.103761 2.107383
0.003368 1.072361 87.169820
0.56337 51.050364 98.103761 2.107383
0.003368 1.787285 121.222494
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -58.548291 -87.308070 -1.710342
0.003476 -1.084457 -30.491166
0.14084 -58.548291 -87.308070 -1.710342
-0.003476 -0.369073 -18.850562
0.28169 -58.548291 -87.308070 -1.710342
-0.003476 -0.443095 -35.505839
0.42253 -58.548291 -87.308070 -1.710342
-0.003476 -1.326939 -69.095717
0.56337 -58.548291 -87.308070 -1.710342
-0.003476 -2.211132 -108.330697

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 60.628144 119.133766 2.416993
0.003238 1.517725 54.145461
0.14084 60.628144 119.133766 2.416993
0.003238 0.504045 39.254572
0.28169 60.628144 119.133766 2.416993
0.003238 0.411746 48.530090
0.42253 60.628144 119.133766 2.416993
0.003238 1.227747 74.245951
0.56337 60.628144 119.133766 2.416993
0.003238 2.046210 103.096878

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -57.184867 -74.091007 -1.956384
-0.003301 -1.237868 -33.455215
0.14084 -57.184867 -74.091007 -1.956384
-0.003301 -0.418873 -37.357383
0.28169 -57.184867 -74.091007 -1.956384
-0.003301 -0.507442 -66.756698
0.42253 -57.184867 -74.091007 -1.956384
-0.003301 -1.521614 -110.223228
0.56337 -57.184867 -74.091007 -1.956384
-0.003301 -2.535740 -158.371286

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.909618 64.814121 0.531711
0.002326 0.336338 60.807484
0.14084 4.909618 64.814121 0.531711
0.002326 0.114294 41.009570
0.28169 4.909618 64.814121 0.531711
0.002326 0.131247 24.955795
0.42253 4.909618 64.814121 0.531711
0.002326 0.384256 28.976569
0.56337 4.909618 64.814121 0.531711
0.002326 0.638547 36.530331

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -57.149298 -20.445044 -0.612865
-0.002328 -0.393166 -6.765375
0.14084 -57.149298 -20.445044 -0.612865
-0.002328 -0.136617 -4.162828
0.28169 -57.149298 -20.445044 -0.612865
-0.002328 -0.110393 -7.710980
0.42253 -57.149298 -20.445044 -0.612865
-0.002328 -0.333373 -28.573790
0.56337 -57.149298 -20.445044 -0.612865
-0.002328 -0.556287 -54.629808

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	21.439237	118.493235	1.354641
0.002408	0.851431	57.456587	
0.14084	21.439237	118.493235	1.354641
0.002408	0.284696	28.860113	
0.28169	21.439237	118.493235	1.354641
0.002408	0.263583	10.253612	
0.42253	21.439237	118.493235	1.354641
0.002408	0.778507	9.920904	
0.56337	21.439237	118.493235	1.354641
0.002408	1.293852	12.836334	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-55.983993	-9.930136	-1.238415
-0.002408	-0.786957	-13.782021	
0.14084	-55.983993	-9.930136	-1.238415
-0.002408	-0.268792	-30.885767	
0.28169	-55.983993	-9.930136	-1.238415
-0.002408	-0.282709	-59.172041	
0.42253	-55.983993	-9.930136	-1.238415
-0.002408	-0.850784	-102.905921	
0.56337	-55.983993	-9.930136	-1.238415
-0.002408	-1.419439	-151.399413	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	37.395186	111.296105	1.972883
0.002360	1.239213	51.196605	
0.14084	37.395186	111.296105	1.972883
0.002360	0.412870	34.349375	
0.28169	37.395186	111.296105	1.972883
0.002360	0.355258	37.536515	
0.42253	37.395186	111.296105	1.972883
0.002360	1.056353	53.514478	
0.56337	37.395186	111.296105	1.972883
0.002360	1.759776	71.933725	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-66.159994	-48.913186	-1.680703
-0.002468	-1.061423	-21.742892	
0.14084	-66.159994	-48.913186	-1.680703
-0.002468	-0.358116	-29.605189	
0.28169	-66.159994	-48.913186	-1.680703
-0.002468	-0.413351	-59.940208	
0.42253	-66.159994	-48.913186	-1.680703
-0.002468	-1.240663	-101.580322	
0.56337	-66.159994	-48.913186	-1.680703
-0.002468	-2.068487	-146.584602	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	37.270514	118.099807	2.314060
0.002501	1.453461	46.903525	
0.14084	37.270514	118.099807	2.314060
0.002501	0.483864	29.366152	
0.28169	37.270514	118.099807	2.314060
0.002501	0.420280	32.443047	
0.42253	37.270514	118.099807	2.314060
0.002501	1.253160	46.195851	
0.56337	37.270514	118.099807	2.314060
0.002501	2.087696	61.993193	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-66.177853	-42.280791	-1.993014
-0.002511	-1.257178	-20.612612	
0.14084	-66.177853	-42.280791	-1.993014
-0.002511	-0.422493	-33.660610	
0.28169	-66.177853	-42.280791	-1.993014
-0.002511	-0.483501	-68.619805	
0.42253	-66.177853	-42.280791	-1.993014
-0.002511	-1.454611	-113.706552	
0.56337	-66.177853	-42.280791	-1.993014
-0.002511	-2.425481	-161.750030	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.843957	29.455881	1.014547
0.000862	0.638801	9.899852	
0.14084	4.843957	29.455881	1.014547
0.000862	0.212405	2.838787	
0.28169	4.843957	29.455881	1.014547
0.000862	0.199797	4.310365	
0.42253	4.843957	29.455881	1.014547
0.000862	0.599198	5.841500	
0.56337	4.843957	29.455881	1.014547
0.000862	0.998319	7.385607	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.164573	-3.908855	-0.951865
-0.000722	-1.038203	-1.534655	
0.14084	-24.164573	-3.908855	-0.951865
-0.000722	-0.198788	-4.461548	
0.28169	-24.164573	-3.908855	-0.951865
-0.000722	-0.209872	-16.637305	
0.42253	-24.164573	-3.908855	-0.951865
-0.000722	-0.636314	-28.876062	
0.56337	-24.164573	-3.908855	-0.951865
-0.000722	-1.062052	-41.131613	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.540227	86.278842	1.798117
0.001364	1.130007	13.095425	
0.14084	32.540227	86.278842	1.798117
0.001364	0.374710	2.902947	
0.28169	32.540227	86.278842	1.798117
0.001364	0.324616	3.722799	
0.42253	32.540227	86.278842	1.798117
0.001364	0.973146	5.164075	
0.56337	32.540227	86.278842	1.798117
0.001364	1.621613	6.742041	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-31.642691	-4.371233	-1.546495
-0.001214	-0.972483	-14.063597	
0.14084	-31.642691	-4.371233	-1.546495
-0.001214	-0.323773	-38.746243	
0.28169	-31.642691	-4.371233	-1.546495
-0.001214	-0.474584	-73.980917	
0.42253	-31.642691	-4.371233	-1.546495
-0.001214	-1.129938	-109.783270	
0.56337	-31.642691	-4.371233	-1.546495
-0.001214	-1.884455	-145.724374	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.418562	97.457155	2.114818
0.001062	1.328869	20.683428	
0.14084	23.418562	97.457155	2.114818
0.001062	0.441278	5.002614	
0.28169	23.418562	97.457155	2.114818
0.001062	0.400068	6.770639	
0.42253	23.418562	97.457155	2.114818
0.001062	1.193891	8.690095	
0.56337	23.418562	97.457155	2.114818
0.001062	1.987825	10.642418	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-50.681587	-6.137278	-1.893961
-0.000922	-1.189744	-9.757463	
0.14084	-50.681587	-6.137278	-1.893961
-0.000922	-0.395860	-32.286224	
0.28169	-50.681587	-6.137278	-1.893961
-0.000922	-0.439800	-72.129409	
0.42253	-50.681587	-6.137278	-1.893961
-0.000922	-1.327482	-112.207383	
0.56337	-50.681587	-6.137278	-1.893961
-0.000922	-2.215277	-152.312195	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.798365	123.976488	2.273696
0.002634	1.430004	53.827662	
0.14084	27.798365	123.976488	2.273696
0.002634	0.476402	28.580666	
0.28169	27.798365	123.976488	2.273696
0.002634	0.436312	24.713425	
0.42253	27.798365	123.976488	2.273696
0.002634	1.299243	32.647491	
0.56337	27.798365	123.976488	2.273696
0.002634	2.163736	42.757034	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-78.536614	-27.896653	-2.064994
-0.002549	-1.302179	-15.568137	
0.14084	-78.536614	-27.896653	-2.064994
-0.002549	-0.436966	-29.348925	
0.28169	-78.536614	-27.896653	-2.064994
-0.002549	-0.473466	-66.651567	
0.42253	-78.536614	-27.896653	-2.064994
-0.002549	-1.427653	-114.256428	
0.56337	-78.536614	-27.896653	-2.064994
-0.002549	-2.381945	-164.902668	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	39.726133	87.464138	1.167114
0.004733	0.732953	61.305662	
0.14084	39.726133	87.464138	1.167114
0.004733	0.243456	48.149492	
0.28169	39.726133	87.464138	1.167114
0.004733	0.228184	43.460068	
0.42253	39.726133	87.464138	1.167114
0.004733	0.680556	63.289302	
0.56337	39.726133	87.464138	1.167114
0.004733	1.133587	86.164500	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-55.718533	-59.227620	-1.085244
-0.004785	-0.689734	-22.857223	
0.14084	-55.718533	-59.227620	-1.085244
-0.004785	-0.234543	-26.153729	
0.28169	-55.718533	-59.227620	-1.085244
-0.004785	-0.245742	-44.022567	
0.42253	-55.718533	-59.227620	-1.085244
-0.004785	-0.735314	-70.673040	
0.56337	-55.718533	-59.227620	-1.085244
-0.004785	-1.224736	-106.413147	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.628144	123.976488	2.416993
0.004449	1.517725	77.897367	
0.14084	60.628144	123.976488	2.416993
0.004449	0.504045	62.982940	
0.28169	60.628144	123.976488	2.416993
0.004449	0.436312	70.346095	
0.42253	60.628144	123.976488	2.416993
0.004449	1.299243	105.837488	
0.56337	60.628144	123.976488	2.416993
0.004449	2.163736	146.625276	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-78.536614	-103.275263	-2.064994
-0.004572	-1.302179	-33.567246	
0.14084	-78.536614	-103.275263	-2.064994
-0.004572	-0.436966	-38.746243	
0.28169	-78.536614	-103.275263	-2.064994
-0.004572	-0.507442	-73.980917	
0.42253	-78.536614	-103.275263	-2.064994
-0.004572	-1.521614	-114.256428	
0.56337	-78.536614	-103.275263	-2.064994
-0.004572	-2.535740	-164.902668	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.628144	123.976488	2.416993
0.004733	1.517725	77.897367	
0.14084	60.628144	123.976488	2.416993
0.004733	0.504045	62.982940	
0.28169	60.628144	123.976488	2.416993
0.004733	0.436312	70.346095	
0.42253	60.628144	123.976488	2.416993
0.004733	1.299243	105.837488	
0.56337	60.628144	123.976488	2.416993
0.004733	2.163736	146.625276	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-78.536614	-103.275263	-2.064994
-0.004785	-1.302179	-33.567246	
0.14084	-78.536614	-103.275263	-2.064994
-0.004785	-0.436966	-38.746243	
0.28169	-78.536614	-103.275263	-2.064994
-0.004785	-0.507442	-73.980917	
0.42253	-78.536614	-103.275263	-2.064994
-0.004785	-1.521614	-114.256428	
0.56337	-78.536614	-103.275263	-2.064994
-0.004785	-2.535740	-164.902668	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.628144	123.976488	2.416993
0.004733	1.517725	77.897367	
0.14084	60.628144	123.976488	2.416993
0.004733	0.504045	62.982940	
0.28169	60.628144	123.976488	2.416993
0.004733	0.436312	70.346095	
0.42253	60.628144	123.976488	2.416993
0.004733	1.299243	105.837488	
0.56337	60.628144	123.976488	2.416993
0.004733	2.163736	146.625276	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-78.536614	-103.275263	-2.064994
-0.004785	-1.302179	-33.567246	
0.14084	-78.536614	-103.275263	-2.064994
-0.004785	-0.436966	-38.746243	
0.28169	-78.536614	-103.275263	-2.064994
-0.004785	-0.507442	-73.980917	
0.42253	-78.536614	-103.275263	-2.064994
-0.004785	-1.521614	-114.256428	
0.56337	-78.536614	-103.275263	-2.064994
-0.004785	-2.535740	-164.902668	

ELEM 190 ========== LENGTH = 2.977627

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	19.674561	4.285344	0.437463
0.001354	0.472461	5.394103	
0.57744	19.674561	4.285344	0.437463
0.001354	0.288987	4.603947	
0.71829	19.674561	4.285344	0.437463
0.001354	0.105515	3.867282	
0.85915	19.674561	4.285344	0.437463
0.001354	0.074971	3.220964	
1.00000	19.674561	4.285344	0.437463
0.001354	0.241432	2.872585	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-5.588551	-45.321485	-0.404243
-0.000542	-0.436752	-87.126270	
0.57744	-5.588551	-45.321485	-0.404243
-0.000542	-0.267214	-68.198804	
0.71829	-5.588551	-45.321485	-0.404243
-0.000542	-0.097664	-49.343715	
0.85915	-5.588551	-45.321485	-0.404243
-0.000542	-0.077938	-30.804438	
1.00000	-5.588551	-45.321485	-0.404243
-0.000542	-0.261440	-12.804719	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	22.211822	28.685106	0.686235
0.005361	0.739272	52.040560	
0.57744	22.211822	28.685106	0.686235
0.005361	0.451464	41.117453	
0.71829	22.211822	28.685106	0.686235
0.005361	0.163815	38.921254	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	22.211822	28.685106	0.686235
0.005361	0.153933	56.779631	
1.00000	22.211822	28.685106	0.686235
0.005361	0.462028	82.389591	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-33.174451	-117.498636	-0.735032
-0.005675	-0.781521	-130.382063	
0.57744	-33.174451	-117.498636	-0.735032
-0.005675	-0.477523	-86.246879	
0.71829	-33.174451	-117.498636	-0.735032
-0.005675	-0.173559	-58.444012	
0.85915	-33.174451	-117.498636	-0.735032
-0.005675	-0.131501	-36.425819	
1.00000	-33.174451	-117.498636	-0.735032
-0.005675	-0.412055	-16.204179	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	21.353729	47.388323	0.882109
0.003977	0.950034	78.944560	
0.57744	21.353729	47.388323	0.882109
0.003977	0.580071	59.453846	
0.71829	21.353729	47.388323	0.882109
0.003977	0.210114	44.603875	
0.85915	21.353729	47.388323	0.882109
0.003977	0.191326	53.803064	
1.00000	21.353729	47.388323	0.882109
0.003977	0.608834	65.403375	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-29.108124	-99.462794	-0.995741
-0.004562	-1.068741	-122.042492	
0.57744	-29.108124	-99.462794	-0.995741
-0.004562	-0.654061	-83.780827	
0.71829	-29.108124	-99.462794	-0.995741
-0.004562	-0.239420	-56.801947	
0.85915	-29.108124	-99.462794	-0.995741
-0.004562	-0.164814	-33.351744	
1.00000	-29.108124	-99.462794	-0.995741
-0.004562	-0.529861	-16.033470	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	32.326827	57.215089	0.979621
0.003492	1.056998	96.125496	
0.57744	32.326827	57.215089	0.979621
0.003492	0.646133	72.623211	
0.71829	32.326827	57.215089	0.979621
0.003492	0.235271	56.209950	
0.85915	32.326827	57.215089	0.979621
0.003492	0.205817	53.659264	
1.00000	32.326827	57.215089	0.979621
0.003492	0.667350	56.990568	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-28.787434	-83.875801	-1.100592
-0.004225	-1.184918	-103.507131	
0.57744	-28.787434	-83.875801	-1.100592
-0.004225	-0.725770	-71.512923	
0.71829	-28.787434	-83.875801	-1.100592
-0.004225	-0.266631	-51.361480	
0.85915	-28.787434	-83.875801	-1.100592
-0.004225	-0.179651	-35.567710	
1.00000	-28.787434	-83.875801	-1.100592
-0.004225	-0.586478	-25.357428	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	2.583491	19.711488	0.299942
0.003269	0.321230	39.024476	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57744	2.583491	19.711488	0.299942
0.003269	0.195432	33.380746	
0.71829	2.583491	19.711488	0.299942
0.003269	0.069815	35.138003	
0.85915	2.583491	19.711488	0.299942
0.003269	0.084565	53.792168	
1.00000	2.583491	19.711488	0.299942
0.003269	0.250413	76.662013	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-30.738652	-70.446252	-0.395882
-0.004500	-0.422350	-42.926883	
0.57744	-30.738652	-70.446252	-0.395882
-0.004500	-0.259940	-18.006022	
0.71829	-30.738652	-70.446252	-0.395882
-0.004500	-0.097517	-6.614476	
0.85915	-30.738652	-70.446252	-0.395882
-0.004500	-0.062375	-2.970122	
1.00000	-30.738652	-70.446252	-0.395882
-0.004500	-0.182026	-2.241204	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	14.839719	46.545991	0.588289
0.003106	0.632813	78.907140	
0.57744	14.839719	46.545991	0.588289
0.003106	0.386073	60.018046	
0.71829	14.839719	46.545991	0.588289
0.003106	0.139363	50.817085	
0.85915	14.839719	46.545991	0.588289
0.003106	0.145588	60.397716	
1.00000	14.839719	46.545991	0.588289
0.003106	0.462491	72.605009	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-28.870262	-63.882152	-0.755853
-0.004777	-0.813551	-42.532361	
0.57744	-28.870262	-63.882152	-0.755853
-0.004777	-0.499917	-19.916001	
0.71829	-28.870262	-63.882152	-0.755853
-0.004777	-0.186266	-11.251157	
0.85915	-28.870262	-63.882152	-0.755853
-0.004777	-0.113096	-8.205893	
1.00000	-28.870262	-63.882152	-0.755853
-0.004777	-0.354169	-11.735542	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	22.457249	70.187467	0.816123
0.002977	0.880471	129.658410	
0.57744	22.457249	70.187467	0.816123
0.002977	0.538177	100.710184	
0.71829	22.457249	70.187467	0.816123
0.002977	0.195784	79.340988	
0.85915	22.457249	70.187467	0.816123
0.002977	0.185784	71.846277	
1.00000	22.457249	70.187467	0.816123
0.002977	0.605109	66.787774	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-37.495419	-75.228244	-0.999855
-0.003926	-1.077940	-85.056772	
0.57744	-37.495419	-75.228244	-0.999855
-0.003926	-0.660999	-56.630985	
0.71829	-37.495419	-75.228244	-0.999855
-0.003926	-0.243983	-38.433530	
0.85915	-37.495419	-75.228244	-0.999855
-0.003926	-0.150654	-25.099752	
1.00000	-37.495419	-75.228244	-0.999855
-0.003926	-0.488716	-18.110105	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	22.844069	72.731398	0.949168
0.002719	1.025684	136.348278	
0.57744	22.844069	72.731398	0.949168
0.002719	0.627583	106.226429	
0.71829	22.844069	72.731398	0.949168
0.002719	0.229485	82.366588	
0.85915	22.844069	72.731398	0.949168
0.002719	0.201193	70.237606	
1.00000	22.844069	72.731398	0.949168
0.002719	0.665289	60.053802	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-36.795971	-63.673198	-1.106584
-0.003702	-1.195891	-72.867825	
0.57744	-36.795971	-63.673198	-1.106584
-0.003702	-0.733791	-49.935510	
0.71829	-36.795971	-63.673198	-1.106584
-0.003702	-0.271621	-36.171794	
0.85915	-36.795971	-63.673198	-1.106584
-0.003702	-0.172144	-26.162294	
1.00000	-36.795971	-63.673198	-1.106584
-0.003702	-0.566688	-21.507218	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	2.557355	20.086678	0.424641
0.000378	0.460807	42.056742	
0.57744	2.557355	20.086678	0.424641
0.000378	0.282710	33.671062	
0.71829	2.557355	20.086678	0.424641
0.000378	0.104563	25.298954	
0.85915	2.557355	20.086678	0.424641
0.000378	0.070634	16.981085	
1.00000	2.557355	20.086678	0.424641
0.000378	0.246989	8.855197	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-9.960214	-2.152123	-0.420377
-0.000645	-0.458258	-1.787880	
0.57744	-9.960214	-2.152123	-0.420377
-0.000645	-0.281953	-7.316659	
0.71829	-9.960214	-2.152123	-0.420377
-0.000645	-0.105626	-6.983086	
0.85915	-9.960214	-2.152123	-0.420377
-0.000645	-0.073418	-6.900059	
1.00000	-9.960214	-2.152123	-0.420377
-0.000645	-0.251582	-6.989159	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	23.489225	43.972499	0.691561
0.000630	0.749951	79.521504	
0.57744	23.489225	43.972499	0.691561
0.000630	0.459896	61.441797	
0.71829	23.489225	43.972499	0.691561
0.000630	0.169782	43.768928	
0.85915	23.489225	43.972499	0.691561
0.000630	0.126764	27.249049	
1.00000	23.489225	43.972499	0.691561
0.000630	0.437858	13.088742	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-14.976256	-4.466063	-0.741563
-0.001314	-0.806538	-9.481731	
0.57744	-14.976256	-4.466063	-0.741563
-0.001314	-0.495659	-9.416046	
0.71829	-14.976256	-4.466063	-0.741563
-0.001314	-0.184750	-11.818516	
0.85915	-14.976256	-4.466063	-0.741563
-0.001314	-0.126332	-17.128517	
1.00000	-14.976256	-4.466063	-0.741563
-0.001314	-0.410233	-23.921836	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2163
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	13.693650	55.867188	0.881661
0.000642	0.952899	99.418367	
0.57744	13.693650	55.867188	0.881661
0.000642	0.583118	76.190918	
0.71829	13.693650	55.867188	0.881661
0.000642	0.213206	56.355219	
0.85915	13.693650	55.867188	0.881661
0.000642	0.171115	40.555533	
1.00000	13.693650	55.867188	0.881661
0.000642	0.590742	27.138758	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-22.885196	-21.328253	-1.000394
-0.001757	-1.088078	-27.179085	
0.57744	-22.885196	-21.328253	-1.000394
-0.001757	-0.668769	-19.993746	
0.71829	-22.885196	-21.328253	-1.000394
-0.001757	-0.249425	-14.981885	
0.85915	-22.885196	-21.328253	-1.000394
-0.001757	-0.156732	-13.028810	
1.00000	-22.885196	-21.328253	-1.000394
-0.001757	-0.526203	-16.917607	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	15.705182	75.103797	0.961700
0.002843	1.038866	145.179488	
0.57744	15.705182	75.103797	0.961700
0.002843	0.635517	114.122024	
0.71829	15.705182	75.103797	0.961700
0.002843	0.232104	90.031366	
0.85915	15.705182	75.103797	0.961700
0.002843	0.201711	79.259968	
1.00000	15.705182	75.103797	0.961700
0.002843	0.668276	70.463332	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-42.999775	-59.145934	-1.112356
-0.004118	-1.203448	-59.129658	
0.57744	-42.999775	-59.145934	-1.112356
-0.004118	-0.739286	-38.271757	
0.71829	-42.999775	-59.145934	-1.112356
-0.004118	-0.274962	-27.247385	
0.85915	-42.999775	-59.145934	-1.112356
-0.004118	-0.175091	-20.393756	
1.00000	-42.999775	-59.145934	-1.112356
-0.004118	-0.574544	-18.683938	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	41.316809	6.082388	0.949782
0.001467	1.029204	8.808785	
0.57744	41.316809	6.082388	0.949782
0.001467	0.639665	7.484819	
0.71829	41.316809	6.082388	0.949782
0.001467	0.232445	6.246175	
0.85915	41.316809	6.082388	0.949782
0.001467	0.150223	5.104886	
1.00000	41.316809	6.082388	0.949782
0.001467	0.490092	4.135718	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-7.623877	-73.780950	-0.813433
-0.000553	-0.872825	-150.462838	
0.57744	-7.623877	-73.780950	-0.813433
-0.000553	-0.531087	-119.899355	
0.71829	-7.623877	-73.780950	-0.813433
-0.000553	-0.190439	-89.448639	
0.85915	-7.623877	-73.780950	-0.813433
-0.000553	-0.165884	-59.197920	
1.00000	-7.623877	-73.780950	-0.813433
-0.000553	-0.564268	-29.277260	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2164
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	42.026012	29.865666	1.387291
0.005010	1.495526	61.403098	
0.57744	42.026012	29.865666	1.387291
0.005010	0.914402	50.044006	
0.71829	42.026012	29.865666	1.387291
0.005010	0.333171	48.220416	
0.85915	42.026012	29.865666	1.387291
0.005010	0.266166	66.417477	
1.00000	42.026012	29.865666	1.387291
0.005010	0.828829	89.850936	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-44.752757	-148.755245	-1.344927
-0.005827	-1.436915	-202.275534	
0.57744	-44.752757	-148.755245	-1.344927
-0.005827	-0.876897	-140.797442	
0.71829	-44.752757	-148.755245	-1.344927
-0.005827	-0.319039	-97.454411	
0.85915	-44.752757	-148.755245	-1.344927
-0.005827	-0.262419	-62.790841	
1.00000	-44.752757	-148.755245	-1.344927
-0.005827	-0.834041	-31.499501	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	41.321855	59.244169	1.803499
0.003862	1.945841	111.988765	
0.57744	41.321855	59.244169	1.803499
0.003862	1.189433	87.864221	
0.71829	41.321855	59.244169	1.803499
0.003862	0.433547	71.220424	
0.85915	41.321855	59.244169	1.803499
0.003862	0.329592	70.045428	
1.00000	41.321855	59.244169	1.803499
0.003862	1.066349	75.093671	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-43.980877	-126.899403	-1.760850
-0.004763	-1.894955	-184.035883	
0.57744	-43.980877	-126.899403	-1.760850
-0.004763	-1.159482	-131.485179	
0.71829	-43.980877	-126.899403	-1.760850
-0.004763	-0.426241	-91.981666	
0.85915	-43.980877	-126.899403	-1.760850
-0.004763	-0.330914	-58.278785	
1.00000	-43.980877	-126.899403	-1.760850
-0.004763	-1.079750	-30.901721	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	49.281301	81.013400	2.066498
0.003371	2.233391	142.680227	
0.57744	49.281301	81.013400	2.066498
0.003371	1.366656	109.793290	
0.71829	49.281301	81.013400	2.066498
0.003371	0.499765	83.683527	
0.85915	49.281301	81.013400	2.066498
0.003371	0.365601	71.406707	
1.00000	49.281301	81.013400	2.066498
0.003371	1.200490	66.017640	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-43.521153	-106.837904	-1.993668
-0.004384	-2.150216	-155.699770	
0.57744	-43.521153	-106.837904	-1.993668
-0.004384	-1.316657	-112.336459	
0.71829	-43.521153	-106.837904	-1.993668
-0.004384	-0.484867	-80.827447	
0.85915	-43.521153	-106.837904	-1.993668
-0.004384	-0.372020	-55.341090	
1.00000	-43.521153	-106.837904	-1.993668
-0.004384	-1.232740	-37.173301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2165
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	3.972300	23.329402	0.476981
0.002427	0.509288	53.262312	
0.57744	3.972300	23.329402	0.476981
0.002427	0.309705	45.197345	
0.71829	3.972300	23.329402	0.476981
0.002427	0.110376	43.972524	
0.85915	3.972300	23.329402	0.476981
0.002427	0.113432	57.771199	
1.00000	3.972300	23.329402	0.476981
0.002427	0.354506	74.928511	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-42.971308	-63.309060	-0.576399
-0.003880	-0.620627	-47.220850	
0.57744	-42.971308	-63.309060	-0.576399
-0.003880	-0.382107	-21.457762	
0.71829	-42.971308	-63.309060	-0.576399
-0.003880	-0.143956	-8.549136	
0.85915	-42.971308	-63.309060	-0.576399
-0.003880	-0.099405	-3.870589	
1.00000	-42.971308	-63.309060	-0.576399
-0.003880	-0.292232	-3.936031	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	17.582413	67.721183	1.158087
0.002369	1.247703	122.852475	
0.57744	17.582413	67.721183	1.158087
0.002369	0.761773	95.472047	
0.71829	17.582413	67.721183	1.158087
0.002369	0.276893	75.822083	
0.85915	17.582413	67.721183	1.158087
0.002369	0.224954	71.724653	
1.00000	17.582413	67.721183	1.158087
0.002369	0.734229	72.818878	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-41.881329	-57.638967	-1.216947
-0.004236	-1.315988	-46.051730	
0.57744	-41.881329	-57.638967	-1.216947
-0.004236	-0.808757	-23.055308	
0.71829	-41.881329	-57.638967	-1.216947
-0.004236	-0.303075	-7.699003	
0.85915	-41.881329	-57.638967	-1.216947
-0.004236	-0.216022	-9.315398	
1.00000	-41.881329	-57.638967	-1.216947
-0.004236	-0.694490	-14.082545	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	30.402768	85.762522	1.683655
0.002358	1.816149	163.567400	
0.57744	30.402768	85.762522	1.683655
0.002358	1.109709	128.424213	
0.71829	30.402768	85.762522	1.683655
0.002358	0.404184	98.782487	
0.85915	30.402768	85.762522	1.683655
0.002358	0.308360	79.993687	
1.00000	30.402768	85.762522	1.683655
0.002358	1.023871	66.554620	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-51.139161	-82.478774	-1.710286
-0.003319	-1.849550	-113.888043	
0.57744	-51.139161	-82.478774	-1.710286
-0.003319	-1.133939	-80.357882	
0.71829	-51.139161	-82.478774	-1.710286
-0.003319	-0.420320	-55.405868	
0.85915	-51.139161	-82.478774	-1.710286
-0.003319	-0.306402	-35.336176	
1.00000	-51.139161	-82.478774	-1.710286
-0.003319	-1.007329	-23.720644	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2166
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	30.516344	95.785113	1.993702
0.002180	2.153921	180.237546	
0.57744	30.516344	95.785113	1.993702
0.002180	1.317341	141.180604	
0.71829	30.516344	95.785113	1.993702
0.002180	0.480949	106.891449	
0.85915	30.516344	95.785113	1.993702
0.002180	0.354400	81.821808	
1.00000	30.516344	95.785113	1.993702
0.002180	1.190001	61.446976	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-51.776336	-69.949280	-1.994846
-0.003198	-2.160542	-97.945536	
0.57744	-51.776336	-69.949280	-1.994846
-0.003198	-1.325330	-70.553794	
0.71829	-51.776336	-69.949280	-1.994846
-0.003198	-0.491849	-50.549957	
0.85915	-51.776336	-69.949280	-1.994846
-0.003198	-0.356931	-34.634951	
1.00000	-51.776336	-69.949280	-1.994846
-0.003198	-1.189350	-25.852734	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	3.990949	30.383195	0.903082
0.000350	0.978428	62.453084	
0.57744	3.990949	30.383195	0.903082
0.000350	0.599637	49.666634	
0.71829	3.990949	30.383195	0.903082
0.000350	0.219790	37.364618	
0.85915	3.990949	30.383195	0.903082
0.000350	0.151359	25.053854	
1.00000	3.990949	30.383195	0.903082
0.000350	0.527035	13.173170	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-19.839688	-3.119446	-0.895016
-0.000651	-0.974491	-9.317429	
0.57744	-19.839688	-3.119446	-0.895016
-0.000651	-0.359373	-8.380006	
0.71829	-19.839688	-3.119446	-0.895016
-0.000651	-0.223663	-7.527058	
0.85915	-19.839688	-3.119446	-0.895016
-0.000651	-0.156053	-6.931700	
1.00000	-19.839688	-3.119446	-0.895016
-0.000651	-0.535024	-6.783249	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	26.869999	73.185276	1.552991
0.000534	1.684207	126.610281	
0.57744	26.869999	73.185276	1.552991
0.000534	1.032689	96.641034	
0.71829	26.869999	73.185276	1.552991
0.000534	0.380011	67.492096	
0.85915	26.869999	73.185276	1.552991
0.000534	0.257150	40.658181	
1.00000	26.869999	73.185276	1.552991
0.000534	0.885364	17.514204	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-25.973599	-4.561795	-1.497549
-0.001258	-1.627481	-12.258142	
0.57744	-25.973599	-4.561795	-1.497549
-0.001258	-0.999339	-11.816223	
0.71829	-25.973599	-4.561795	-1.497549
-0.001258	-0.371491	-12.497219	
0.85915	-25.973599	-4.561795	-1.497549
-0.001258	-0.267308	-16.083154	
1.00000	-25.973599	-4.561795	-1.497549
-0.001258	-0.918800	-23.936291	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2167
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	19.333163	85.966675	1.832777
0.000411	1.982590	158.285942	
0.57744	19.333163	85.966675	1.832777
0.000411	1.213482	122.924177	
0.71829	19.333163	85.966675	1.832777
0.000411	0.443731	89.277344	
0.85915	19.333163	85.966675	1.832777
0.000411	0.312116	58.095420	
1.00000	19.333163	85.966675	1.832777
0.000411	1.079888	32.033061	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-40.720556	-17.294867	-1.832246
-0.001430	-1.684558	-27.658470	
0.57744	-40.720556	-17.294867	-1.832246
-0.001430	-1.225972	-21.849743	
0.71829	-40.720556	-17.294867	-1.832246
-0.001430	-0.457583	-16.648940	
0.85915	-40.720556	-17.294867	-1.832246
-0.001430	-0.319819	-13.428632	
1.00000	-40.720556	-17.294867	-1.832246
-0.001430	-1.088196	-18.578860	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	22.926756	98.354942	1.977091
0.002074	2.135007	192.289647	
0.57744	22.926756	98.354942	1.977091
0.002074	1.305617	152.004694	
0.71829	22.926756	98.354942	1.977091
0.002074	0.475981	116.846085	
0.85915	22.926756	98.354942	1.977091
0.002074	0.356552	91.561772	
1.00000	22.926756	98.354942	1.977091
0.002074	1.200202	71.262650	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-61.845301	-57.912896	-2.017281
-0.003378	-2.188584	-72.685993	
0.57744	-61.845301	-57.912896	-2.017281
-0.003378	-1.344044	-49.988216	
0.71829	-61.845301	-57.912896	-2.017281
-0.003378	-0.500238	-34.969135	
0.85915	-61.845301	-57.912896	-2.017281
-0.003378	-0.354667	-24.642277	
1.00000	-61.845301	-57.912896	-2.017281
-0.003378	-1.179577	-22.130248	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	32.326827	75.103797	0.979621
0.005361	1.056998	145.179488	
0.57744	32.326827	75.103797	0.979621
0.005361	0.646133	114.122024	
0.71829	32.326827	75.103797	0.979621
0.005361	0.235271	90.031366	
0.85915	32.326827	75.103797	0.979621
0.005361	0.205817	79.259968	
1.00000	32.326827	75.103797	0.979621
0.005361	0.668276	82.389591	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-42.999775	-117.498636	-1.112356
-0.005675	-1.203448	-130.382063	
0.57744	-42.999775	-117.498636	-1.112356
-0.005675	-0.739286	-86.246879	
0.71829	-42.999775	-117.498636	-1.112356
-0.005675	-0.275062	-58.444012	
0.85915	-42.999775	-117.498636	-1.112356
-0.005675	-0.179651	-36.425819	
1.00000	-42.999775	-117.498636	-1.112356
-0.005675	-0.586478	-25.357428	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2168
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	49.281301	98.354942	2.066498
0.005010	2.233391	192.289647	
0.57744	49.281301	98.354942	2.066498
0.005010	1.366656	152.004694	
0.71829	49.281301	98.354942	2.066498
0.005010	0.499765	116.846085	
0.85915	49.281301	98.354942	2.066498
0.005010	0.365601	91.561772	
1.00000	49.281301	98.354942	2.066498
0.005010	1.200490	89.850936	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-61.845301	-148.755245	-2.017281
-0.005827	-2.188584	-202.275534	
0.57744	-61.845301	-148.755245	-2.017281
-0.005827	-1.344044	-140.797442	
0.71829	-61.845301	-148.755245	-2.017281
-0.005827	-0.500238	-97.454411	
0.85915	-61.845301	-148.755245	-2.017281
-0.005827	-0.372020	-62.790841	
1.00000	-61.845301	-148.755245	-2.017281
-0.005827	-1.232740	-37.173301	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	49.281301	98.354942	2.066498
0.005361	2.233391	192.289647	
0.57744	49.281301	98.354942	2.066498
0.005361	1.366656	152.004694	
0.71829	49.281301	98.354942	2.066498
0.005361	0.499765	116.846085	
0.85915	49.281301	98.354942	2.066498
0.005361	0.365601	91.561772	
1.00000	49.281301	98.354942	2.066498
0.005361	1.200490	89.850936	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-61.845301	-148.755245	-2.017281
-0.005827	-2.188584	-202.275534	
0.57744	-61.845301	-148.755245	-2.017281
-0.005827	-1.344044	-140.797442	
0.71829	-61.845301	-148.755245	-2.017281
-0.005827	-0.500238	-97.454411	
0.85915	-61.845301	-148.755245	-2.017281
-0.005827	-0.372020	-62.790841	
1.00000	-61.845301	-148.755245	-2.017281
-0.005827	-1.232740	-37.173301	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	49.281301	98.354942	2.066498
0.005361	2.233391	192.289647	
0.57744	49.281301	98.354942	2.066498
0.005361	1.366656	152.004694	
0.71829	49.281301	98.354942	2.066498
0.005361	0.499765	116.846085	
0.85915	49.281301	98.354942	2.066498
0.005361	0.365601	91.561772	
1.00000	49.281301	98.354942	2.066498
0.005361	1.200490	89.850936	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-61.845301	-148.755245	-2.017281
-0.005827	-2.188584	-202.275534	
0.57744	-61.845301	-148.755245	-2.017281
-0.005827	-1.344044	-140.797442	
0.71829	-61.845301	-148.755245	-2.017281
-0.005827	-0.500238	-97.454411	
0.85915	-61.845301	-148.755245	-2.017281
-0.005827	-0.372020	-62.790841	
1.00000	-61.845301	-148.755245	-2.017281
-0.005827	-1.232740	-37.173301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2169
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 191 ========== LENGTH = 2.977613

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.698846	4.386696	0.429490
0.001223	0.258149	2.871219	
0.14085	19.698846	4.386696	0.429490
0.001223	0.077956	8.633947	
0.28170	19.698846	4.386696	0.429490
0.001223	0.095018	27.147393	
0.42256	19.698846	4.386696	0.429490
0.001223	0.258268	45.767752	
0.56341	19.698846	4.386696	0.429490
0.001223	0.421533	64.797079	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.660235	-45.131861	-0.389279
-0.000576	-0.231534	-12.788622	
0.14085	-5.660235	-45.131861	-0.389279
-0.000576	-0.068278	-12.268120	
0.28170	-5.660235	-45.131861	-0.389279
-0.000576	-0.102110	-13.281804	
0.42256	-5.660235	-45.131861	-0.389279
-0.000576	-0.282272	-15.123769	
0.56341	-5.660235	-45.131861	-0.389279
-0.000576	-0.462382	-16.927288	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.251560	86.894045	0.647718
0.006458	0.385813	82.597645	
0.14085	22.251560	86.894045	0.647718
0.006458	0.114212	64.750233	
0.28170	22.251560	86.894045	0.647718
0.006458	0.179872	59.667995	
0.42256	22.251560	86.894045	0.647718
0.006458	0.480108	79.026581	
0.56341	22.251560	86.894045	0.647718
0.006458	0.800722	104.300267	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-36.541750	-64.549307	-0.765378
-0.004472	-0.484829	-16.219296	
0.14085	-36.541750	-64.549307	-0.765378
-0.004472	-0.164347	-11.951705	
0.28170	-36.541750	-64.549307	-0.765378
-0.004472	-0.157520	-19.054050	
0.42256	-36.541750	-64.549307	-0.765378
-0.004472	-0.429250	-40.273449	
0.56341	-36.541750	-64.549307	-0.765378
-0.004472	-0.700885	-76.428074	

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.363396 86.930612 0.810832
0.004682 0.480614 65.550125
0.14085 21.363396 86.930612 0.810832
0.004682 0.149455 55.041741
0.28170 21.363396 86.930612 0.810832
0.004682 0.244033 58.889258
0.42256 21.363396 86.930612 0.810832
0.004682 0.658168 80.079893
0.56341 21.363396 86.930612 0.810832
0.004682 1.086144 105.451930

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -31.501503 -63.563666 -1.021045
-0.003420 -0.627796 -16.033230
0.14085 -31.501503 -63.563666 -1.021045
-0.003420 -0.199876 -22.087918
0.28170 -31.501503 -63.563666 -1.021045
-0.003420 -0.199549 -38.571101
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2170

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42256 -31.501503 -63.563666 -1.021045
-0.003420 -0.539676 -64.656519
0.56341 -31.501503 -63.563666 -1.021045
-0.003420 -0.879710 -100.903135

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 32.311106 90.294895 0.931078
0.004118 0.553469 57.118386
0.14085 32.311106 90.294895 0.931078
0.004118 0.164242 46.383707
0.28170 32.311106 90.294895 0.931078
0.004118 0.271239 50.045187
0.42256 32.311106 90.294895 0.931078
0.004118 0.733979 68.256703
0.56341 32.311106 90.294895 0.931078
0.004118 1.208199 89.868925

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -30.821642 -54.101647 -1.131202
-0.003446 -0.690394 -25.355831
0.14085 -30.821642 -54.101647 -1.131202
-0.003446 -0.216177 -35.020984
0.28170 -30.821642 -54.101647 -1.131202
-0.003446 -0.227542 -53.428269
0.42256 -30.821642 -54.101647 -1.131202
-0.003446 -0.618091 -79.963206
0.56341 -30.821642 -54.101647 -1.131202
-0.003446 -1.008562 -117.219080

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.580777 68.470775 0.240423
0.004161 0.140081 76.835331
0.14085 2.580777 68.470775 0.240423
0.004161 0.039237 61.527058
0.28170 2.580777 68.470775 0.240423
0.004161 0.108764 46.382739
0.42256 2.580777 68.470775 0.240423
0.004161 0.289898 51.168991
0.56341 2.580777 68.470775 0.240423
0.004161 0.488134 60.845597

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.497650 -26.550691 -0.473480
-0.003179 -0.307656 -2.265064
0.14085 -33.497650 -26.550691 -0.473480
-0.003179 -0.109565 -4.107689
0.28170 -33.497650 -26.550691 -0.473480
-0.003179 -0.061691 -8.367114
0.42256 -33.497650 -26.550691 -0.473480
-0.003179 -0.162513 -24.374400
0.56341 -33.497650 -26.550691 -0.473480
-0.003179 -0.263327 -52.842154

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.795218 92.325293 0.512395
0.003946 0.300943 72.777620
0.14085 14.795218 92.325293 0.512395
0.003946 0.087830 53.468858
0.28170 14.795218 92.325293 0.512395
0.003946 0.196708 37.865388
0.42256 14.795218 92.325293 0.512395
0.003946 0.529010 41.575378
0.56341 14.795218 92.325293 0.512395
0.003946 0.877167 49.875974

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -31.546905 -22.932049 -0.830816
-0.003469 -0.517832 -11.754254
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2171

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -31.546905 -22.932049 -0.830816
-0.003469 -0.169727 -26.001567
0.28170 -31.546905 -22.932049 -0.830816
-0.003469 -0.128937 -41.318662
0.42256 -31.546905 -22.932049 -0.830816
-0.003469 -0.343798 -67.741570
0.56341 -31.546905 -22.932049 -0.830816
-0.003469 -0.558667 -106.198378

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.445845 102.088173 0.759792
0.003785 0.449024 66.907724
0.14085 22.445845 102.088173 0.759792
0.003785 0.131938 49.405048
0.28170 22.445845 102.088173 0.759792
0.003785 0.244619 49.362789
0.42256 22.445845 102.088173 0.759792
0.003785 0.655799 64.223975
0.56341 22.445845 102.088173 0.759792
0.003785 1.078195 82.549666

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -39.375959 -46.351035 -1.007636
-0.002980 -0.613181 -18.107026
0.14085 -39.375959 -46.351035 -1.007636
-0.002980 -0.190770 -24.711647
0.28170 -39.375959 -46.351035 -1.007636
-0.002980 -0.186283 -49.875553
0.42256 -39.375959 -46.351035 -1.007636
-0.002980 -0.506975 -83.808990
0.56341 -39.375959 -46.351035 -1.007636
-0.002980 -0.825620 -126.387146

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.830662 99.412452 0.913333
0.003460 0.541995 60.159763
0.14085 22.830662 99.412452 0.913333
0.003460 0.159895 41.278024
0.28170 22.830662 99.412452 0.913333
0.003460 0.274352 41.395406
0.42256 22.830662 99.412452 0.913333
0.003460 0.740146 54.091919
0.56341 22.830662 99.412452 0.913333
0.003460 1.215338 69.710787

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -38.419144 -39.482014 -1.133444
-0.003081 -0.686936 -21.505750
0.14085 -38.419144 -39.482014 -1.133444
-0.003081 -0.211697 -28.216702
0.28170 -38.419144 -39.482014 -1.133444
-0.003081 -0.224106 -50.514786
0.42256 -38.419144 -39.482014 -1.133444
-0.003081 -0.607191 -82.656555
0.56341 -38.419144 -39.482014 -1.133444
-0.003081 -0.990227 -124.139426

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.496110 20.126818 0.442767
0.000515 0.265516 8.862563
0.14085 2.496110 20.126818 0.442767
0.000515 0.079796 4.194035
0.28170 2.496110 20.126818 0.442767
0.000515 0.110583 3.420751
0.42256 2.496110 20.126818 0.442767
0.000515 0.305053 3.552978
0.56341 2.496110 20.126818 0.442767
0.000515 0.499522 3.934062
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2172

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.034440 -2.111339 -0.463683
-0.000925 -0.278359 -6.989875
0.14085 -10.034440 -2.111339 -0.463683
-0.000925 -0.083811 -7.343661
0.28170 -10.034440 -2.111339 -0.463683
-0.000925 -0.106023 -8.756862
0.42256 -10.034440 -2.111339 -0.463683
-0.000925 -0.291595 -17.146478
0.56341 -10.034440 -2.111339 -0.463683
-0.000925 -0.477284 -25.576629

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 23.385629 46.344943 0.712688
0.000824 0.428469 13.109289
0.14085 23.385629 46.344943 0.712688
0.000824 0.132095 3.775646
0.28170 23.385629 46.344943 0.712688
0.000824 0.189941 2.155310
0.42256 23.385629 46.344943 0.712688
0.000824 0.520685 3.024767
0.56341 23.385629 46.344943 0.712688
0.000824 0.852055 4.088541

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.210116 -2.769859 -0.790127
-0.001725 -0.473522 -23.921890
0.14085 -15.210116 -2.769859 -0.790127
-0.001725 -0.142075 -31.951938
0.28170 -15.210116 -2.769859 -0.790127
-0.001725 -0.171380 -40.695076
0.42256 -15.210116 -2.769859 -0.790127
-0.001725 -0.470305 -59.040641
0.56341 -15.210116 -2.769859 -0.790127
-0.001725 -0.769208 -78.404088

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.587269 59.013277 0.846354
0.000839 0.502578 27.164777
0.14085 13.587269 59.013277 0.846354
0.000839 0.149061 22.016951
0.28170 13.587269 59.013277 0.846354
0.000839 0.257956 26.488121
0.42256 13.587269 59.013277 0.846354
0.000839 0.707098 33.974417
0.56341 13.587269 59.013277 0.846354
0.000839 1.157249 41.785576

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.224543 -18.984878 -1.073394
-0.001588 -0.643618 -16.911287
0.14085 -23.224543 -18.984878 -1.073394
-0.001588 -0.193366 -30.909010
0.28170 -23.224543 -18.984878 -1.073394
-0.001588 -0.207366 -45.519037
0.42256 -23.224543 -18.984878 -1.073394
-0.001588 -0.562314 -69.060271
0.56341 -23.224543 -18.984878 -1.073394
-0.001588 -0.917276 -93.744674

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.637419 106.680961 0.917639
0.003744 0.544389 70.588438
0.14085 15.637419 106.680961 0.917639
0.003744 0.160693 44.788207
0.28170 15.637419 106.680961 0.917639
0.003744 0.284143 37.094568
0.42256 15.637419 106.680961 0.917639
0.003744 0.770155 45.408566
0.56341 15.637419 106.680961 0.917639
0.003744 1.267253 57.164098
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2173

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -44.917162 -30.537514 -1.185737
-0.003470 -0.722812 -18.689664
0.14085 -44.917162 -30.537514 -1.185737
-0.003470 -0.225687 -26.715995
0.28170 -44.917162 -30.537514 -1.185737
-0.003470 -0.225347 -45.586362
0.42256 -44.917162 -30.537514 -1.185737
-0.003470 -0.610220 -81.655469
0.56341 -44.917162 -30.537514 -1.185737
-0.003470 -0.995060 -126.212093

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 41.303839 6.131517 0.982653
0.001329 0.588592 4.132782
0.14085 41.303839 6.131517 0.982653
0.001329 0.176557 10.373567
0.28170 41.303839 6.131517 0.982653
0.001329 0.169001 39.054587
0.42256 41.303839 6.131517 0.982653
0.001329 0.445018 68.670151
0.56341 41.303839 6.131517 0.982653
0.001329 0.721706 98.603909

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.712496 -73.289926 -0.659639
-0.000632 -0.383807 -29.248009
0.14085 -7.712496 -73.289926 -0.659639
-0.000632 -0.107613 -11.328800
0.28170 -7.712496 -73.289926 -0.659639
-0.000632 -0.236004 -12.044034
0.42256 -7.712496 -73.289926 -0.659639
-0.000632 -0.648003 -13.556085
0.56341 -7.712496 -73.289926 -0.659639
-0.000632 -1.060089 -15.362120

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 42.036336 89.069183 1.322251
0.006852 0.785941 89.896316
0.14085 42.036336 89.069183 1.322251
0.006852 0.231709 70.017456
0.28170 42.036336 89.069183 1.322251
0.006852 0.313333 73.918591
0.42256 42.036336 89.069183 1.322251
0.006852 0.841358 102.760335
0.56341 42.036336 89.069183 1.322251
0.006852 1.388998 139.444742

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -47.346534 -93.103784 -1.305629
-0.004221 -0.800957 -31.484326
0.14085 -47.346534 -93.103784 -1.305629
-0.004221 -0.254735 -12.441334
0.28170 -47.346534 -93.103784 -1.305629
-0.004221 -0.323176 -16.843008
0.42256 -47.346534 -93.103784 -1.305629
-0.004221 -0.877924 -39.516381
0.56341 -47.346534 -93.103784 -1.305629
-0.004221 -1.432536 -74.765837

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 41.321164 101.323111 1.725784
0.005139 1.023851 75.130288
0.14085 41.321164 101.323111 1.725784
0.005139 0.300270 60.217990
0.28170 41.321164 101.323111 1.725784
0.005139 0.422736 68.798072
0.42256 41.321164 101.323111 1.725784
0.005139 1.139275 97.443536
0.56341 41.321164 101.323111 1.725784
0.005139 1.870538 131.928674
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2174

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -45.883134 -87.472787 -1.743402
-0.003354 -1.054272 -30.869325
0.14085 -45.883134 -87.472787 -1.743402
-0.003354 -0.325760 -25.286751
0.28170 -45.883134 -87.472787 -1.743402
-0.003354 -0.421607 -41.677494
0.42256 -45.883134 -87.472787 -1.743402
-0.003354 -1.146150 -73.115300
0.56341 -45.883134 -87.472787 -1.743402
-0.003354 -1.870313 -113.735452

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 49.212219 116.248041 2.036466
0.004473 1.211573 66.055480
0.14085 49.212219 116.248041 2.036466
0.004473 0.357599 50.812254
0.28170 49.212219 116.248041 2.036466
0.004473 0.482427 58.449571
0.42256 49.212219 116.248041 2.036466
0.004473 1.305008 82.780035
0.56341 49.212219 116.248041 2.036466
0.004473 2.139805 111.956354

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -45.102134 -74.130096 -1.990302
-0.003380 -1.199233 -37.143801
0.14085 -45.102134 -74.130096 -1.990302
-0.003380 -0.365450 -42.608549
0.28170 -45.102134 -74.130096 -1.990302
-0.003380 -0.493705 -68.872961
0.42256 -45.102134 -74.130096 -1.990302
-0.003380 -1.348862 -107.634151
0.56341 -45.102134 -74.130096 -1.990302
-0.003380 -2.203427 -154.135716

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.970360 64.852102 0.379933
0.003722 0.221191 74.964083
0.14085 3.970360 64.852102 0.379933
0.003722 0.062369 59.508189
0.28170 3.970360 64.852102 0.379933
0.003722 0.163808 45.204241
0.42256 3.970360 64.852102 0.379933
0.003722 0.453807 47.985992
0.56341 3.970360 64.852102 0.379933
0.003722 0.756811 56.955346

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -44.707087 -25.099543 -0.723254
-0.002451 -0.457266 -3.942608
0.14085 -44.707087 -25.099543 -0.723254
-0.002451 -0.154752 -5.283693
0.28170 -44.707087 -25.099543 -0.723254
-0.002451 -0.096998 -8.966262
0.42256 -44.707087 -25.099543 -0.723254
-0.002451 -0.256113 -25.212259
0.56341 -44.707087 -25.099543 -0.723254
-0.002451 -0.415624 -50.969418

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.518245 107.814198 1.085510
0.003607 0.641790 72.860607
0.14085 17.518245 107.814198 1.085510
0.003607 0.187412 52.032369
0.28170 17.518245 107.814198 1.085510
0.003607 0.320850 35.081217
0.42256 17.518245 107.814198 1.085510
0.003607 0.876389 36.769138
0.56341 17.518245 107.814198 1.085510
0.003607 1.444591 44.097530

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2175

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -43.594816 -21.006027 -1.356601
-0.002822 -0.832463 -14.075452
0.14085 -43.594816 -21.006027 -1.356601
-0.002822 -0.263972 -32.438048
0.28170 -43.594816 -21.006027 -1.356601
-0.002822 -0.266081 -53.516849
0.42256 -43.594816 -21.006027 -1.356601
-0.002822 -0.721963 -88.848405
0.56341 -43.594816 -21.006027 -1.356601
-0.002822 -1.177730 -132.731182

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 30.362488 111.281784 1.596010
0.003399 0.945237 66.581636
0.14085 30.362488 111.281784 1.596010
0.003399 0.276394 51.448069
0.28170 30.362488 111.281784 1.596010
0.003399 0.424840 56.217184
0.42256 30.362488 111.281784 1.596010
0.003399 1.152831 75.001122
0.56341 30.362488 111.281784 1.596010
0.003399 1.889766 97.853109

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -52.302591 -58.720942 -1.757511
-0.002400 -1.059365 -23.699582
0.14085 -52.302591 -58.720942 -1.757511
-0.002400 -0.322765 -31.397365
0.28170 -52.302591 -58.720942 -1.757511
-0.002400 -0.391151 -59.816980
0.42256 -52.302591 -58.720942 -1.757511
-0.002400 -1.061038 -99.039527
0.56341 -52.302591 -58.720942 -1.757511
-0.002400 -1.730639 -144.128585

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 30.432181 117.218041 1.930753
0.003129 1.145988 61.477197
0.14085 30.432181 117.218041 1.930753
0.003129 0.335960 43.200872
0.28170 30.432181 117.218041 1.930753
0.003129 0.498417 47.473951
0.42256 30.432181 117.218041 1.930753
0.003129 1.357112 63.464783
0.56341 30.432181 117.218041 1.930753
0.003129 2.223267 82.923895

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -52.747895 -50.024116 -2.065560
-0.002623 -1.242627 -25.827134
0.14085 -52.747895 -50.024116 -2.065560
-0.002623 -0.376691 -36.236129
0.28170 -52.747895 -50.024116 -2.065560
-0.002623 -0.469886 -68.346483
0.42256 -52.747895 -50.024116 -2.065560
-0.002623 -1.280853 -110.241841
0.56341 -52.747895 -50.024116 -2.065560
-0.002623 -2.091230 -158.033882

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.886106 30.392249 0.899791
0.000540 0.535872 13.183522
0.14085 3.886106 30.392249 0.899791
0.000540 0.157421 4.368638
0.28170 3.886106 30.392249 0.899791
0.000540 0.232046 3.804021
0.42256 3.886106 30.392249 0.899791
0.000540 0.640209 4.546456
0.56341 3.886106 30.392249 0.899791
0.000540 1.048518 5.506347
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2176

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -19.808053 -3.109648 -0.973177
-0.000969 -0.584269 -6.784106
0.14085 -19.808053 -3.109648 -0.973177
-0.000969 -0.175776 -8.319118
0.28170 -19.808053 -3.109648 -0.973177
-0.000969 -0.216472 -16.993790
0.42256 -19.808053 -3.109648 -0.973177
-0.000969 -0.594832 -29.346521
0.56341 -19.808053 -3.109648 -0.973177
-0.000969 -0.972489 -41.860125

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.696200 74.922307 1.600550
0.000782 0.956456 17.534196
0.14085 26.696200 74.922307 1.600550
0.000782 0.285080 4.251399
0.28170 26.696200 74.922307 1.600550
0.000782 0.379487 3.340926
0.42256 26.696200 74.922307 1.600550
0.000782 1.041500 4.168714
0.56341 26.696200 74.922307 1.600550
0.000782 1.703943 5.370476

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -26.019769 -3.441131 -1.579339
-0.001699 -0.945821 -23.931649
0.14085 -26.019769 -3.441131 -1.579339
-0.001699 -0.282907 -40.417664
0.28170 -26.019769 -3.441131 -1.579339
-0.001699 -0.382801 -67.076291
0.42256 -26.019769 -3.441131 -1.579339
-0.001699 -1.055654 -97.920612
0.56341 -26.019769 -3.441131 -1.579339
-0.001699 -1.727411 -129.077226

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.157722 86.308877 1.802332
0.000604 1.070352 32.052367
0.14085 19.157722 86.308877 1.802332
0.000604 0.313983 22.253240
0.28170 19.157722 86.308877 1.802332
0.000604 0.475021 24.777578
0.42256 19.157722 86.308877 1.802332
0.000604 1.303258 31.035953
0.56341 19.157722 86.308877 1.802332
0.000604 2.132286 37.733379

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -40.725747 -17.739650 -1.976808
-0.001427 -1.184633 -18.559853
0.14085 -40.725747 -17.739650 -1.976808
-0.001427 -0.355219 -38.654649
0.28170 -40.725747 -17.739650 -1.976808
-0.001427 -0.436212 -67.982388
0.42256 -40.725747 -17.739650 -1.976808
-0.001427 -1.193539 -103.027878
0.56341 -40.725747 -17.739650 -1.976808
-0.001427 -1.950179 -138.494331

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 22.812168 121.585619 1.895527
0.003192 1.124232 71.297749
0.14085 22.812168 121.585619 1.895527
0.003192 0.328850 46.468135
0.28170 22.812168 121.585619 1.895527
0.003192 0.518681 42.167818
0.42256 22.812168 121.585619 1.895527
0.003192 1.420553 52.260545
0.56341 22.812168 121.585619 1.895527
0.003192 2.330296 65.969318
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2177
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.865863 -36.385169 -2.169934
-0.002814 -1.310755 -22.113117
0.14085 -62.865863 -36.385169 -2.169934
-0.002814 -0.400779 -33.666718
0.28170 -62.865863 -36.385169 -2.169934
-0.002814 -0.461671 -64.237673
0.42256 -62.865863 -36.385169 -2.169934
-0.002814 -1.257844 -108.454682
0.56341 -62.865863 -36.385169 -2.169934
-0.002814 -2.053458 -158.078279

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 32.311106 106.680961 0.931078
0.006458 0.553469 82.597645
0.14085 32.311106 106.680961 0.931078
0.006458 0.164242 64.750233
0.28170 32.311106 106.680961 0.931078
0.006458 0.284143 59.667995
0.42256 32.311106 106.680961 0.931078
0.006458 0.770155 80.079893
0.56341 32.311106 106.680961 0.931078
0.006458 1.267253 105.451930

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -44.917162 -64.549307 -1.185737
-0.004472 -0.722812 -25.355831
0.14085 -44.917162 -64.549307 -1.185737
-0.004472 -0.225687 -35.020984
0.28170 -44.917162 -64.549307 -1.185737
-0.004472 -0.227542 -53.428269
0.42256 -44.917162 -64.549307 -1.185737
-0.004472 -0.618091 -83.808990
0.56341 -44.917162 -64.549307 -1.185737
-0.004472 -1.008562 -126.387146

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 49.212219 121.585619 2.036466
0.006852 1.211573 89.896316
0.14085 49.212219 121.585619 2.036466
0.006852 0.357599 70.017456
0.28170 49.212219 121.585619 2.036466
0.006852 0.518681 73.918591
0.42256 49.212219 121.585619 2.036466
0.006852 1.420553 102.760335
0.56341 49.212219 121.585619 2.036466
0.006852 2.330296 139.444742

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.865863 -93.103784 -2.169934
-0.004221 -1.310755 -37.143801
0.14085 -62.865863 -93.103784 -2.169934
-0.004221 -0.400779 -42.608549
0.28170 -62.865863 -93.103784 -2.169934
-0.004221 -0.461705 -68.872961
0.42256 -62.865863 -93.103784 -2.169934
-0.004221 -1.348862 -110.241841
0.56341 -62.865863 -93.103784 -2.169934
-0.004221 -2.203427 -158.078279

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 49.212219 121.585619 2.036466
0.006852 1.211573 89.896316
0.14085 49.212219 121.585619 2.036466
0.006852 0.357599 70.017456
0.28170 49.212219 121.585619 2.036466
0.006852 0.518681 73.918591
0.42256 49.212219 121.585619 2.036466
0.006852 1.420553 102.760335
0.56341 49.212219 121.585619 2.036466
0.006852 2.330296 139.444742
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2178
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.865863 -93.103784 -2.169934
-0.004472 -1.310755 -37.143801
0.14085 -62.865863 -93.103784 -2.169934
-0.004472 -0.400779 -42.608549
0.28170 -62.865863 -93.103784 -2.169934
-0.004472 -0.493705 -68.872961
0.42256 -62.865863 -93.103784 -2.169934
-0.004472 -1.348862 -110.241841
0.56341 -62.865863 -93.103784 -2.169934
-0.004472 -2.203427 -158.078279

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 49.212219 121.585619 2.036466
0.006852 1.211573 89.896316
0.14085 49.212219 121.585619 2.036466
0.006852 0.357599 70.017456
0.28170 49.212219 121.585619 2.036466
0.006852 0.518681 73.918591
0.42256 49.212219 121.585619 2.036466
0.006852 1.420553 102.760335
0.56341 49.212219 121.585619 2.036466
0.006852 2.330296 139.444742

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -62.865863 -93.103784 -2.169934
-0.004472 -1.310755 -37.143801
0.14085 -62.865863 -93.103784 -2.169934
-0.004472 -0.400779 -42.608549
0.28170 -62.865863 -93.103784 -2.169934
-0.004472 -0.493705 -68.872961
0.42256 -62.865863 -93.103784 -2.169934
-0.004472 -1.348862 -110.241841
0.56341 -62.865863 -93.103784 -2.169934
-0.004472 -2.203427 -158.078279

ELEM 192 ========== LENGTH = 2.977542

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 8.234041 37.612211 0.407821
0.001487 0.455197 46.475718
0.57745 8.234041 37.612211 0.407821
0.001487 0.284164 30.769661
0.71830 8.234041 37.612211 0.407821
0.001487 0.113130 15.093893
0.85915 8.234041 37.612211 0.407821
0.001487 0.063266 2.426525
1.00000 8.234041 37.612211 0.407821
0.001487 0.232879 2.560342

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -2.497917 -32.791183 -0.404925
-1.67E-05 -0.446402 -64.581982
0.57745 -2.497917 -32.791183 -0.404925
-1.67E-05 -0.276590 -50.943454
0.71830 -2.497917 -32.791183 -0.404925
-1.67E-05 -0.106866 -37.412331
0.85915 -2.497917 -32.791183 -0.404925
-1.67E-05 -0.057913 -24.507554
1.00000 -2.497917 -32.791183 -0.404925
-1.67E-05 -0.228945 -18.166313

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.843720 64.390993 0.584518
0.007598 0.650342 118.108603
0.57745 9.843720 64.390993 0.584518
0.007598 0.405272 92.716497
0.71830 9.843720 64.390993 0.584518
0.007598 0.160154 78.386850
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2179
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85915 9.843720 64.390993 0.584518
0.007598 0.135982 84.175856
1.00000 9.843720 64.390993 0.584518
0.007598 0.454295 102.284214

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -15.112346 -116.074868 -0.761794
-0.005748 -0.823711 -108.678862
0.57745 -15.112346 -116.074868 -0.761794
-0.005748 -0.510437 -67.582043
0.71830 -15.112346 -116.074868 -0.761794
-0.005748 -0.197163 -26.009817
0.85915 -15.112346 -116.074868 -0.761794
-0.005748 -0.107173 -31.265504
1.00000 -15.112346 -116.074868 -0.761794
-0.005748 -0.330471 -16.352023

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 11.502848 71.830100 0.697029
0.005514 0.774489 122.281925
0.57745 11.502848 71.830100 0.697029
0.005514 0.482218 97.841136
0.71830 11.502848 71.830100 0.697029
0.005514 0.189846 81.174838
0.85915 11.502848 71.830100 0.697029
0.005514 0.159816 78.891610
1.00000 11.502848 71.830100 0.697029
0.005514 0.582696 90.048807

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -12.947126 -124.158970 -1.010327
-0.004490 -1.112473 -136.200157
0.57745 -12.947126 -124.158970 -1.010327
-0.004490 -0.692988 -89.564615
0.71830 -12.947126 -124.158970 -1.010327
-0.004490 -0.279536 -57.116894
0.85915 -12.947126 -124.158970 -1.010327
-0.004490 -0.117431 -27.668845
1.00000 -12.947126 -124.158970 -1.010327
-0.004490 -0.394986 -18.071460

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 16.452799 72.535535 0.817445
0.004581 0.961946 125.845308
0.57745 16.452799 72.535535 0.817445
0.004581 0.568164 100.142368
0.71830 16.452799 72.535535 0.817445
0.004581 0.225322 80.955152
0.85915 16.452799 72.535535 0.817445
0.004581 0.167148 77.849572
1.00000 16.452799 72.535535 0.817445
0.004581 0.629585 78.362132

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -12.837946 -107.282630 -1.104250
-0.004217 -1.223092 -133.703176
0.57745 -12.837946 -107.282630 -1.104250
-0.004217 -0.763495 -93.703710
0.71830 -12.837946 -107.282630 -1.104250
-0.004217 -0.308917 -65.762492
0.85915 -12.837946 -107.282630 -1.104250
-0.004217 -0.129898 -40.954743
1.00000 -12.837946 -107.282630 -1.104250
-0.004217 -0.460504 -32.479508

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 1.272586 13.734894 0.191593
0.005001 0.210653 41.483004
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2180
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57745 1.272586 13.734894 0.191593
0.005001 0.130350 38.814594
0.71830 1.272586 13.734894 0.191593
0.005001 0.050073 45.798619
0.85915 1.272586 13.734894 0.191593
0.005001 0.074151 70.343282
1.00000 1.272586 13.734894 0.191593
0.005001 0.242937 103.395205

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -13.956981 -92.488983 -0.404803
-0.005068 -0.436224 -55.955402
0.57745 -13.956981 -92.488983 -0.404803
-0.005068 -0.271640 -23.619241
0.71830 -13.956981 -92.488983 -0.404803
-0.005068 -0.114488 -8.595684
0.85915 -13.956981 -92.488983 -0.404803
-0.005068 0.049042 -3.709309
1.00000 -13.956981 -92.488983 -0.404803
-0.005068 -0.111025 -3.085092

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 8.974421 30.314549 0.411737
0.004655 0.456177 59.926071
0.57745 8.974421 30.314549 0.411737
0.004655 0.283558 53.484594
0.71830 8.974421 30.314549 0.411737
0.004655 0.110880 56.022485
0.85915 8.974421 30.314549 0.411737
0.004655 0.119270 75.020417
1.00000 8.974421 30.314549 0.411737
0.004655 0.435645 101.662464

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -12.835678 -107.475846 -0.756335
-0.005353 -0.833475 -91.453048
0.57745 -12.835678 -107.475846 -0.756335
-0.005353 -0.552.910651 -52.910651
0.71830 -12.835678 -107.475846 -0.756335
-0.005353 -0.215593 -30.744623
0.85915 -12.835678 -107.475846 -0.756335
-0.005353 -0.079027 -12.645232
1.00000 -12.835678 -107.475846 -0.756335
-0.005353 -0.234740 -15.515470

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 12.313757 79.036066 0.638407
0.004153 0.709680 154.621501
0.57745 12.313757 79.036066 0.638407
0.004153 0.441966 127.095069
0.71830 12.313757 79.036066 0.638407
0.004153 0.174190 106.056883
0.85915 12.313757 79.036066 0.638407
0.004153 0.151702 97.000899
1.00000 12.313757 79.036066 0.638407
0.004153 0.573000 95.040363

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -17.803665 -107.302934 -1.005881
-0.003982 -1.114707 -119.152869
0.57745 -17.803665 -107.302934 -1.005881
-0.003982 -0.696281 -79.068428
0.71830 -17.803665 -107.302934 -1.005881
-0.003982 -0.282730 -50.827473
0.85915 -17.803665 -107.302934 -1.005881
-0.003982 -0.105877 -26.713429
1.00000 -17.803665 -107.302934 -1.005881
-0.003982 -0.361425 -21.786931
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2181
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 13.002395 77.873159 0.789594
0.003475 0.880536 154.495006
0.57745 13.002395 77.873159 0.789594
0.003475 0.54911 126.582531
0.71830 13.002395 77.873159 0.789594
0.003475 0.218217 104.070836
0.85915 13.002395 77.873159 0.789594
0.003475 0.159998 91.570368
1.00000 13.002395 77.873159 0.789594
0.003475 0.621533 84.852198

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -17.391073 -91.570829 -1.101604
-0.003796 -1.226705 -117.406379
0.57745 -17.391073 -91.570829 -1.101604
-0.003796 -0.767579 -83.201229
0.71830 -17.391073 -91.570829 -1.101604
-0.003796 -0.312562 -58.928899
0.85915 -17.391073 -91.570829 -1.101604
-0.003796 -0.122938 -37.853700
1.00000 -17.391073 -91.570829 -1.101604
-0.003796 -0.444159 -33.179166

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 1.531788 18.078069 0.406879
6.69E-06 0.456784 41.068180
0.57745 1.531788 18.078069 0.406879
6.69E-06 0.286146 33.507348
0.71830 1.531788 18.078069 0.406879
6.69E-06 0.115494 25.978857
0.85915 1.531788 18.078069 0.406879
6.69E-06 0.150293 18.550293
1.00000 1.531788 18.078069 0.406879
6.69E-06 0.220312 11.354852

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -4.668972 -3.321294 -0.404099
-0.000714 -0.457584 -26.963387
0.57745 -4.668972 -3.321294 -0.404099
-0.000714 -0.288117 -25.639351
0.71830 -4.668972 -3.321294 -0.404099
-0.000714 -0.118735 -24.364910
0.85915 -4.668972 -3.321294 -0.404099
-0.000714 -0.055085 -23.116551
1.00000 -4.668972 -3.321294 -0.404099
-0.000714 -0.225772 -21.902498

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 12.440188 33.633998 0.649451
0.000193 0.728832 66.775209
0.57745 12.440188 33.633998 0.649451
0.000193 0.456467 52.871375
0.71830 12.440188 33.633998 0.649451
0.000193 0.184095 39.486422
0.85915 12.440188 33.633998 0.649451
0.000193 0.092972 27.870317
1.00000 12.440188 33.633998 0.649451
0.000193 0.394077 17.225783

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -6.880417 -14.077097 -0.717962
-0.001469 -0.810351 -55.094260
0.57745 -6.880417 -14.077097 -0.717962
-0.001469 -0.509448 -50.161517
0.71830 -6.880417 -14.077097 -0.717962
-0.001469 -0.208903 -46.378658
0.85915 -6.880417 -14.077097 -0.717962
-0.001469 -0.088905 -43.314837
1.00000 -6.880417 -14.077097 -0.717962
-0.001469 -0.360654 -40.894081
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2182
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 9.455383 40.574921 0.734317
0.000306 0.820049 78.294989
0.57745 9.455383 40.574921 0.734317
0.000306 0.512100 66.399799
0.71830 9.455383 40.574921 0.734317
0.000306 0.204114 55.575395
0.85915 9.455383 40.574921 0.734317
0.000306 0.127278 47.213831
1.00000 9.455383 40.574921 0.734317
0.000306 0.535740 46.112497

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -10.145147 -57.700411 -0.974189
-0.001896 -1.098781 -94.247511
0.57745 -10.145147 -57.700411 -0.974189
-0.001896 -0.690545 -71.243634
0.71830 -10.145147 -57.700411 -0.974189
-0.001896 -0.282850 -50.063489
0.85915 -10.145147 -57.700411 -0.974189
-0.001896 -0.104922 -33.162789
1.00000 -10.145147 -57.700411 -0.974189
-0.001896 -0.411855 -35.236008

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 10.239353 72.348116 0.790297
0.003655 0.881808 152.955046
0.57745 10.239353 72.348116 0.790297
0.003655 0.550437 127.314295
0.71830 10.239353 72.348116 0.790297
0.003655 0.218976 107.992202
0.85915 10.239353 72.348116 0.790297
0.003655 0.159286 100.298241
1.00000 10.239353 72.348116 0.790297
0.003655 0.621071 98.421421

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -19.835603 -90.245446 -1.102432
-0.004403 -1.228558 -109.830331
0.57745 -19.835603 -90.245446 -1.102432
-0.004403 -0.769601 -76.706422
0.71830 -19.835603 -90.245446 -1.102432
-0.004403 -0.315503 -55.141860
0.85915 -19.835603 -90.245446 -1.102432
-0.004403 -0.124460 -36.765433
1.00000 -19.835603 -90.245446 -1.102432
-0.004403 -0.444123 -34.354209

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 16.576952 32.094545 0.786505
0.001581 0.881492 40.671880
0.57745 16.576952 32.094545 0.786505
0.001581 0.551674 27.422962
0.71830 16.576952 32.094545 0.786505
0.001581 0.221781 14.485569
0.85915 16.576952 32.094545 0.786505
0.001581 0.116341 3.610492
1.00000 16.576952 32.094545 0.786505
0.001581 0.438760 3.272114

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -3.411901 -47.167700 -0.770719
-1.24E-05 -0.852571 -100.493721
0.57745 -3.411901 -47.167700 -0.770719
-1.24E-05 -0.528869 -80.899399
0.71830 -3.411901 -47.167700 -0.770719
-1.24E-05 -0.206090 -61.567964
0.85915 -3.411901 -47.167700 -0.770719
-1.24E-05 -0.107087 -43.771690
1.00000 -3.411901 -47.167700 -0.770719
-1.24E-05 -0.437881 -33.897706
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2183
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 17.821892 55.707361 1.106836
0.007632 1.231709 108.309479
0.57745 17.821892 55.707361 1.106836
0.007632 0.768452 87.178172
0.71830 17.821892 55.707361 1.106836
0.007632 0.305179 78.293967
0.85915 17.821892 55.707361 1.106836
0.007632 0.213948 88.129222
1.00000 17.821892 55.707361 1.106836
0.007632 0.753734 107.740336

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -19.535429 -129.529082 -1.294421
-0.006023 -1.419757 -152.699958
0.57745 -19.535429 -129.529082 -1.294421
-0.006023 -0.884222 -109.713218
0.71830 -19.535429 -129.529082 -1.294421
-0.006023 -0.355300 -72.326649
0.85915 -19.535429 -129.529082 -1.294421
-0.006023 -0.188682 -49.460009
1.00000 -19.535429 -129.529082 -1.294421
-0.006023 -0.641764 -31.461742

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 19.541457 67.570316 1.421620
0.005738 1.583387 127.049834
0.57745 19.541457 67.570316 1.421620
0.005738 0.987097 102.325155
0.71830 19.541457 67.570316 1.421620
0.005738 0.391743 86.652457
0.85915 19.541457 67.570316 1.421620
0.005738 0.257877 85.182995
1.00000 19.541457 67.570316 1.421620
0.005738 0.967288 99.836575

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -19.120440 -130.842183 -1.697401
-0.004795 -1.881955 -165.863809
0.57745 -19.120440 -130.842183 -1.697401
-0.004795 -1.175386 -112.689305
0.71830 -19.120440 -130.842183 -1.697401
-0.004795 -0.473093 -77.088112
0.85915 -19.120440 -130.842183 -1.697401
-0.004795 -0.223699 -45.062140
1.00000 -19.120440 -130.842183 -1.697401
-0.004795 -0.811810 -32.072794

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	23.577347	73.970011	1.666843
0.004768	1.860590	137.880353	
0.57745	23.577347	73.970011	1.666843
0.004768	1.161428	110.058644	
0.71830	23.577347	73.970011	1.666843
0.004768	0.462535	89.831746	
0.85915	23.577347	73.970011	1.666843
0.004768	0.282547	81.637952	
1.00000	23.577347	73.970011	1.666843
0.004768	1.084789	87.507512	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-19.119466	-112.395608	-1.917868
-0.004466	-2.134234	-157.319119	
0.57745	-19.119466	-112.395608	-1.917868
-0.004466	-1.334324	-111.810719	
0.71830	-19.119466	-112.395608	-1.917868
-0.004466	-0.538690	-81.069244	
0.85915	-19.119466	-112.395608	-1.917868
-0.004466	-0.251034	-53.975557	
1.00000	-19.119466	-112.395608	-1.917868
-0.004466	-0.943401	-43.566545	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2184

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	2.172424	14.276806	0.342572
0.004145	0.530254	14.276920	
0.57745	2.172424	14.276806	0.342572
0.004145	0.232241	44.087692	
0.71830	2.172424	14.276806	0.342572
0.004145	0.089388	50.132254	
0.85915	2.172424	14.276806	0.342572
0.004145	0.092625	72.204706	
1.00000	2.172424	14.276806	0.342572
0.004145	0.327579	99.671163	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-17.580674	-80.452956	-0.564584
-0.004446	-0.622251	-56.008890	
0.57745	-17.580674	-80.452956	-0.564584
-0.004446	-0.390979	-24.111302	
0.71830	-17.580674	-80.452956	-0.564584
-0.004446	-0.163881	-9.782390	
0.85915	-17.580674	-80.452956	-0.564584
-0.004446	-0.075287	-4.871412	
1.00000	-17.580674	-80.452956	-0.564584
-0.004446	-0.210897	-4.453170	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.618934	37.052953	0.890137
0.003956	0.988727	81.789709	
0.57745	10.618934	37.052953	0.890137
0.003956	0.615173	70.213275	
0.71830	10.618934	37.052953	0.890137
0.003956	0.241620	67.345573	
0.85915	10.618934	37.052953	0.890137
0.003956	0.176206	78.580584	
1.00000	10.618934	37.052953	0.890137
0.003956	0.669701	101.504352	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-17.245618	-91.817977	-1.181574
-0.004852	-1.315913	-84.257676	
0.57745	-17.245618	-91.817977	-1.181574
-0.004852	-0.825989	-47.553177	
0.71830	-17.245618	-91.817977	-1.181574
-0.004852	-0.339570	-27.656979	
0.85915	-17.245618	-91.817977	-1.181574
-0.004852	-0.148403	-12.668842	
1.00000	-17.245618	-91.817977	-1.181574
-0.004852	-0.513566	-16.570667	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	15.842594	79.095746	1.323320
0.003468	1.472929	165.020134	
0.57745	15.842594	79.095746	1.323320
0.003468	0.917561	135.234983	
0.71830	15.842594	79.095746	1.323320
0.003468	0.363159	111.404299	
0.85915	15.842594	79.095746	1.323320
0.003468	0.238029	97.690084	
1.00000	15.842594	79.095746	1.323320
0.003468	0.926521	95.207753	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-22.652287	-100.805286	-1.648039
-0.003382	-1.825967	-128.119814	
0.57745	-22.652287	-100.805286	-1.648039
-0.003382	-1.151615	-87.321720	
0.71830	-22.652287	-100.805286	-1.648039
-0.003382	-0.466799	-57.716439	
0.85915	-22.652287	-100.805286	-1.648039
-0.003382	-0.307005	-32.781662	
1.00000	-22.652287	-100.805286	-1.648039
-0.003382	-0.752420	-25.624553	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2185

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	16.323736	82.920293	1.610265
0.002904	1.795918	172.388471	
0.57745	16.323736	82.920293	1.610265
0.002904	1.120075	140.585996	
0.71830	16.323736	82.920293	1.610265
0.002904	0.444501	113.816921	
0.85915	16.323736	82.920293	1.610265
0.002904	0.269432	95.530217	
1.00000	16.323736	82.920293	1.610265
0.002904	1.070952	86.977129	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-23.233378	-86.227887	-1.915700
-0.003306	-2.143977	-124.838969	
0.57745	-23.233378	-86.227887	-1.915700
-0.003306	-1.343374	-90.047032	
0.71830	-23.233378	-86.227887	-1.915700
-0.003306	-0.545232	-64.667180	
0.85915	-23.233378	-86.227887	-1.915700
-0.003306	-0.237960	-43.032222	
1.00000	-23.233378	-86.227887	-1.915700
-0.003306	-0.908785	-36.839704	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	2.436635	25.286539	0.778465
3.90E-06	0.871040	55.539852	
0.57745	2.436635	25.286539	0.778465
3.90E-06	0.544497	45.226348	
0.71830	2.436635	25.286539	0.778465
3.90E-06	0.216756	35.063928	
0.85915	2.436635	25.286539	0.778465
3.90E-06	0.109745	25.222583	
1.00000	2.436635	25.286539	0.778465
3.90E-06	0.466767	15.779620	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.202273	-4.232161	-0.850449
-0.000735	-0.959975	-27.221637	
0.57745	-9.202273	-4.232161	-0.850449
-0.000735	-0.603233	-26.246732	
0.71830	-9.202273	-4.232161	-0.850449
-0.000735	-0.246704	-24.975871	
0.85915	-9.202273	-4.232161	-0.850449
-0.000735	0.106466	-24.036963	
1.00000	-9.202273	-4.232161	-0.850449
-0.000735	-0.433412	-23.429057	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	14.007497	47.048649	1.323761
0.000123	1.483457	91.945781	
0.57745	14.007497	47.048649	1.323761
0.000123	0.928114	72.803271	
0.71830	14.007497	47.048649	1.323761
0.000123	0.371257	54.218982	
0.85915	14.007497	47.048649	1.323761
0.000123	0.189442	36.988074	
1.00000	14.007497	47.048649	1.323761
0.000123	0.789135	21.629020	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.168634	-13.602661	-1.429850
-0.001468	-1.609954	-53.590674	
0.57745	-12.168634	-13.602661	-1.429850
-0.001468	-1.010427	-48.652196	
0.71830	-12.168634	-13.602661	-1.429850
-0.001468	-0.411019	-44.732618	
0.85915	-12.168634	-13.602661	-1.429850
-0.001468	-0.180003	-42.542631	
1.00000	-12.168634	-13.602661	-1.429850
-0.001468	-0.735331	-42.345782	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2186

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.524182	53.702208	1.503849
5.39E-06	1.679744	111.084970	
0.57745	11.524182	53.702208	1.503849
5.39E-06	1.048510	91.380471	
0.71830	11.524182	53.702208	1.503849
5.39E-06	0.416474	72.659537	
0.85915	11.524182	53.702208	1.503849
5.39E-06	0.230664	57.197270	
1.00000	11.524182	53.702208	1.503849
5.39E-06	0.968030	52.562819	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-17.620468	-47.672101	-1.758265
-0.001564	-1.982672	-84.196051	
0.57745	-17.620468	-47.672101	-1.758265
-0.001564	-1.245151	-65.266881	
0.71830	-17.620468	-47.672101	-1.758265
-0.001564	-0.508087	-47.189810	
0.85915	-17.620468	-47.672101	-1.758265
-0.001564	-0.206738	-34.604925	
1.00000	-17.620468	-47.672101	-1.758265
-0.001564	-0.839116	-37.905645	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.080075	80.727976	1.600335
0.002759	1.783785	177.453354	
0.57745	13.080075	80.727976	1.600335
0.002759	1.112463	146.791891	
0.71830	13.080075	80.727976	1.600335
0.002759	0.440777	121.680570	
0.85915	13.080075	80.727976	1.600335
0.002759	0.268469	106.239760	
1.00000	13.080075	80.727976	1.600335
0.002759	1.078962	99.904266	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-27.530150	-80.054109	-1.936186
-0.003658	-2.170994	-110.732595	
0.57745	-27.530150	-80.054109	-1.936186
-0.003658	-1.361850	-78.831340	
0.71830	-27.530150	-80.054109	-1.936186
-0.003658	-0.555908	-57.283390	
0.85915	-27.530150	-80.054109	-1.936186
-0.003658	-0.238263	-40.727598	
1.00000	-27.530150	-80.054109	-1.936186
-0.003658	-0.904438	-38.251899	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	16.452799	79.036066	0.817445
0.007598	0.910946	154.621501	
0.57745	16.452799	79.036066	0.817445
0.007598	0.568164	127.314295	
0.71830	16.452799	79.036066	0.817445
0.007598	0.225322	107.992202	
0.85915	16.452799	79.036066	0.817445
0.007598	0.167148	100.298241	
1.00000	16.452799	79.036066	0.817445
0.007598	0.629585	103.395205	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-19.835603	-124.158970	-1.104250
-0.005748	-1.228558	-136.280157	
0.57745	-19.835603	-124.158970	-1.104250
-0.005748	-0.769603	-93.703710	
0.71830	-19.835603	-124.158970	-1.104250
-0.005748	-0.315503	-65.762492	
0.85915	-19.835603	-124.158970	-1.104250
-0.005748	-0.129898	-43.314837	
1.00000	-19.835603	-124.158970	-1.104250
-0.005748	-0.460504	-40.894081	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2187

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	23.577347	82.920293	1.666843
0.007632	1.860590	177.453354	
0.57745	23.577347	82.920293	1.666843
0.007632	1.161428	146.791891	
0.71830	23.577347	82.920293	1.666843
0.007632	0.462535	121.680570	
0.85915	23.577347	82.920293	1.666843
0.007632	0.282547	106.239760	
1.00000	23.577347	82.920293	1.666843
0.007632	1.084789	107.740336	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-27.530150	-130.842183	-1.936186
-0.006023	-2.170994	-165.863809	
0.57745	-27.530150	-130.842183	-1.936186
-0.006023	-1.361850	-112.689305	
0.71830	-27.530150	-130.842183	-1.936186
-0.006023	-0.555908	-81.069244	
0.85915	-27.530150	-130.842183	-1.936186
-0.006023	-0.251034	-53.975557	
1.00000	-27.530150	-130.842183	-1.936186
-0.006023	-0.943401	-43.566545	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	23.577347	82.920293	1.666843
0.007632	1.860590	177.453354	
0.57745	23.577347	82.920293	1.666843
0.007632	1.161428	146.791891	
0.71830	23.577347	82.920293	1.666843
0.007632	0.462535	121.680570	
0.85915	23.577347	82.920293	1.666843
0.007632	0.282547	106.239760	
1.00000	23.577347	82.920293	1.666843
0.007632	1.084789	107.740336	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-27.530150	-130.842183	-1.936186
-0.006023	-2.170994	-165.863809	
0.57745	-27.530150	-130.842183	-1.936186
-0.006023	-1.361850	-112.689305	
0.71830	-27.530150	-130.842183	-1.936186
-0.006023	-0.555908	-81.069244	
0.85915	-27.530150	-130.842183	-1.936186
-0.006023	-0.251034	-53.975557	
1.00000	-27.530150	-130.842183	-1.936186
-0.006023	-0.943401	-43.566545	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	23.577347	82.920293	1.666843
0.007632	1.860590	177.453354	
0.57745	23.577347	82.920293	1.666843
0.007632	1.161428	146.791891	
0.71830	23.577347	82.920293	1.666843
0.007632	0.462535	121.680570	
0.85915	23.577347	82.920293	1.666843
0.007632	0.282547	106.239760	
1.00000	23.577347	82.920293	1.666843
0.007632	1.084789	107.740336	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-27.530150	-130.842183	-1.936186
-0.006023	-2.170994	-165.863809	
0.57745	-27.530150	-130.842183	-1.936186
-0.006023	-1.361850	-112.689305	
0.71830	-27.530150	-130.842183	-1.936186
-0.006023	-0.555908	-81.069244	
0.85915	-27.530150	-130.842183	-1.936186
-0.006023	-0.251034	-53.975557	
1.00000	-27.530150	-130.842183	-1.936186
-0.006023	-0.943401	-43.566545	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2188

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 193 ========== LENGTH = 2.977533

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.229877	37.208391	0.391812
0.001408	0.218700	2.559539	
0.14085	8.229877	37.208391	0.391812
0.001408	0.054349	5.847912	
0.28170	8.229877	37.208391	0.391812
0.001408	0.116165	18.767277	
0.42255	8.229877	37.208391	0.391812
0.001408	0.255158	32.311610	
0.56340	8.229877	37.208391	0.391812
0.001408	0.408167	45.887759	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.498112	-32.683024	-0.364842
-7.09E-06	-0.203874	-18.178535	
0.14085	-2.498112	-32.683024	-0.364842
-7.09E-06	-0.050861	-33.037135	
0.28170	-2.498112	-32.683024	-0.364842
-7.09E-06	-0.109943	-48.498993	
0.42255	-2.498112	-32.683024	-0.364842
-7.09E-06	-0.274261	-64.064044	
0.56340	-2.498112	-32.683024	-0.364842
-7.09E-06	-0.438580	-79.655560	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.679718	128.947997	0.536934
0.007451	0.298201	102.657294	
0.14085	9.679718	128.947997	0.536934
0.007451	0.088576	81.958180	
0.28170	9.679718	128.947997	0.536934
0.007451	0.197393	70.936620	
0.42255	9.679718	128.947997	0.536934
0.007451	0.475350	82.764468	
0.56340	9.679718	128.947997	0.536934
0.007451	0.776598	104.506925	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.835206	-54.923340	-0.718546
-0.005809	-0.430754	-16.320869	
0.14085	-16.835206	-54.923340	-0.718546
-0.005809	-0.132078	-32.386907	
0.28170	-16.835206	-54.923340	-0.718546
-0.005809	-0.152179	-54.894121	
0.42255	-16.835206	-54.923340	-0.718546
-0.005809	-0.377381	-85.586814	
0.56340	-16.835206	-54.923340	-0.718546
-0.005809	-0.602552	-136.792383	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.456873	115.658078	0.623456
0.005404	0.347848	90.293993	
0.14085	11.456873	115.658078	0.623456
0.005404	0.097054	90.805762	
0.28170	11.456873	115.658078	0.623456
0.005404	0.271779	101.378367	
0.42255	11.456873	115.658078	0.623456
0.005404	0.667371	128.383207	
0.56340	11.456873	115.658078	0.623456
0.005404	1.078796	162.193370	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.145473	-82.998900	-0.981231
-0.004101	-0.568741	-18.037705	
0.14085	-14.145473	-82.998900	-0.981231
-0.004101	-0.158874	-38.663718	
0.28170	-14.145473	-82.998900	-0.981231
-0.004101	-0.178069	-65.713443	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2189

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-14.145473	-82.998900	-0.981231
-0.004101	-0.439479	-98.336995	
0.56340	-14.145473	-82.998900	-0.981231
-0.004101	-0.700875	-144.892704	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.425730	108.951766	0.766216
0.004489	0.428158	78.574128	
0.14085	16.425730	108.951766	0.766216
0.004489	0.115998	76.037833	
0.28170	16.425730	108.951766	0.766216
0.004489	0.304186	85.112603	
0.42255	16.425730	108.951766	0.766216
0.004489	0.750973	108.265924	
0.56340	16.425730	108.951766	0.766216
0.004489	1.210892	137.437664	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.850135	-73.242186	-1.096876
-0.004064	-0.630337	-32.455181	
0.14085	-13.850135	-73.242186	-1.096876
-0.004064	-0.171678	-49.285886	
0.28170	-13.850135	-73.242186	-1.096876
-0.004064	-0.216496	-71.568253	
0.42255	-13.850135	-73.242186	-1.096876
-0.004064	-0.537836	-98.916729	
0.56340	-13.850135	-73.242186	-1.096876
-0.004064	-0.859173	-140.015298	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.140835	68.351552	0.145061
0.004805	0.078479	103.700803	
0.14085	1.140835	68.351552	0.145061
0.004805	0.030790	92.978699	
0.28170	1.140835	68.351552	0.145061
0.004805	0.122840	82.847217	
0.42255	1.140835	68.351552	0.145061
0.004805	0.293154	91.287533	
0.56340	1.140835	68.351552	0.145061
0.004805	0.483069	107.824551	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.403925	-41.699450	-0.453015
-0.004857	-0.278484	-3.970397	
0.14085	-15.403925	-41.699450	-0.453015
-0.004857	-0.090829	-4.768179	
0.28170	-15.403925	-41.699450	-0.453015
-0.004857	-0.043181	-7.120103	
0.42255	-15.403925	-41.699450	-0.453015
-0.004857	-0.104029	-16.271396	
0.56340	-15.403925	-41.699450	-0.453015
-0.004857	-0.164865	-42.563581	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.932293	81.174410	0.351925
0.004473	0.195742	101.948738	
0.14085	8.932293	81.174410	0.351925
0.004473	0.061099	97.117499	
0.28170	8.932293	81.174410	0.351925
0.004473	0.224539	94.803065	
0.42255	8.932293	81.174410	0.351925
0.004473	0.547698	112.181779	
0.56340	8.932293	81.174410	0.351925
0.004473	0.888985	135.066598	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.215213	-60.543700	-0.814098
-0.004996	-0.478299	-15.501384	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2190

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-14.215213	-60.543700	-0.814098
-0.004996	-0.138811	-21.913948	
0.28170	-14.215213	-60.543700	-0.814098
-0.004996	-0.101887	-28.846363	
0.42255	-14.215213	-60.543700	-0.814098
-0.004996	-0.249459	-42.683369	
0.56340	-14.215213	-60.543700	-0.814098
-0.004996	-0.397050	-73.681988	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.295690	114.443736	0.574826
0.004278	0.319750	95.227110	
0.14085	12.295690	114.443736	0.574826
0.004278	0.088388	85.347570	
0.28170	12.295690	114.443736	0.574826
0.004278	0.280534	94.489514	
0.42255	12.295690	114.443736	0.574826
0.004278	0.682806	118.209016	
0.56340	12.295690	114.443736	0.574826
0.004278	1.098013	147.958779	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.778750	-74.167711	-0.990493
-0.003628	-0.564943	-21.759757	
0.14085	-18.778750	-74.167711	-0.990493
-0.003628	-0.151220	-25.999990	
0.28170	-18.778750	-74.167711	-0.990493
-0.003628	-0.163942	-54.292267	
0.42255	-18.778750	-74.167711	-0.990493
-0.003628	-0.405053	-87.575824	
0.56340	-18.778750	-74.167711	-0.990493
-0.003628	-0.646140	-133.246864	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.993039	107.613201	0.747200
0.003579	0.417895	85.016417	
0.14085	12.993039	107.613201	0.747200
0.003579	0.112296	71.690117	
0.28170	12.993039	107.613201	0.747200
0.003579	0.313861	79.394617	
0.42255	12.993039	107.613201	0.747200

```
 0.003579    0.770813   99.453099
0.56340   12.993039  107.613201    0.747200
 0.003579    1.238598  124.482079

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -18.227867  -63.838897   -1.115752
-0.003704   -0.634306  -33.159882
0.14085  -18.227867  -63.838897   -1.115752
-0.003704   -0.167731  -36.196700
0.28170  -18.227867  -63.838897   -1.115752
-0.003704   -0.210590  -59.228435
0.42255  -18.227867  -63.838897   -1.115752
-0.003704   -0.523982  -86.358920
0.56340  -18.227867  -63.838897   -1.115752
-0.003704   -0.837360 -125.630826

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.540798   18.279659    0.424234
 9.35E-06    0.239013   11.365472
0.14085    1.540798   18.279659    0.424234
 9.35E-06    0.061145    5.817017
0.28170    1.540798   18.279659    0.424234
 9.35E-06    0.124945    3.128427
0.42255    1.540798   18.279659    0.424234
 9.35E-06    0.315993    2.179974
0.56340    1.540798   18.279659    0.424234
 9.35E-06    0.507066    2.179974
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2191

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -4.703441   -3.287488   -0.455605
-0.001071   -0.257228  -21.907402
0.14085   -4.703441   -3.287488   -0.455605
-0.001071   -0.066087  -20.736848
0.28170   -4.703441   -3.287488   -0.455605
-0.001071   -0.116932  -19.653107
0.42255   -4.703441   -3.287488   -0.455605
-0.001071   -0.294861  -18.712438
0.56340   -4.703441   -3.287488   -0.455605
-0.001071   -0.472778  -20.023074

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   12.461403   35.894797    0.675748
 0.000185    0.380258   17.255387
0.14085   12.461403   35.894797    0.675748
 0.000185    0.098749    8.970266
0.28170   12.461403   35.894797    0.675748
 0.000185    0.216343    6.286566
0.42255   12.461403   35.894797    0.675748
 0.000185    0.543597    8.942550
0.56340   12.461403   35.894797    0.675748
 0.000185    0.871601   12.670204

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -6.988205  -12.425661   -0.782116
-0.001971   -0.734052  -40.903526
0.14085   -6.988205  -12.425661   -0.782116
-0.001971   -0.112437  -39.533625
0.28170   -6.988205  -12.425661   -0.782116
-0.001971   -0.186525  -40.026398
0.42255   -6.988205  -12.425661   -0.782116
-0.001971   -0.469932  -41.798505
0.56340   -6.988205  -12.425661   -0.782116
-0.001971   -0.753337  -48.654534

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    9.533639   44.114822    0.709117
 0.000294    0.397028   46.135591
0.14085    9.533639   44.114822    0.709117
 0.000294    0.101772   55.913619
0.28170    9.533639   44.114822    0.709117
 0.000294    0.293262   71.050676
0.42255    9.533639   44.114822    0.709117
 0.000294    0.706479   92.186383
0.56340    9.533639   44.114822    0.709117
 0.000294    1.180903  114.240789

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -10.300343  -55.303799   -1.059893
-0.001807   -0.597237  -35.232386
0.14085  -10.300343  -55.303799   -1.059893
-0.001807   -0.152735  -40.643957
0.28170  -10.300343  -55.303799   -1.059893
-0.001807   -0.199076  -46.191447
0.42255  -10.300343  -55.303799   -1.059893
-0.001807   -0.496485  -52.640149
0.56340  -10.300343  -55.303799   -1.059893
-0.001807   -0.793875  -63.885905

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.219604  107.722950    0.754042
 0.003749    0.422099   98.622078
0.14085   10.219604  107.722950    0.754042
 0.003749    0.114941   80.601335
0.28170   10.219604  107.722950    0.754042
 0.003749    0.323192   77.845792
0.42255   10.219604  107.722950    0.754042
 0.003749    0.797198   94.296852
0.56340   10.219604  107.722950    0.754042
 0.003749    1.283902  116.593485
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2192

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -20.830115  -57.388087   -1.160827
-0.004421   -0.664709  -34.339920
0.14085  -20.830115  -57.388087   -1.160827
-0.004421   -0.179281  -35.070187
0.28170  -20.830115  -57.388087   -1.160827
-0.004421   -0.212142  -51.307297
0.42255  -20.830115  -57.388087   -1.160827
-0.004421   -0.528400  -74.697385
0.56340  -20.830115  -57.388087   -1.160827
-0.004421   -0.844606 -112.390450

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   16.567364   31.745449    0.822917
 0.001553    0.463771    3.270097
0.14085   16.567364   31.745449    0.822917
 0.001553    0.118699    5.831233
0.28170   16.567364   31.745449    0.822917
 0.001553    0.186591   21.994028
0.42255   16.567364   31.745449    0.822917
 0.001553    0.452684   40.774348
0.56340   16.567364   31.745449    0.822917
 0.001553    0.719250   59.999313

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -3.407820  -47.035486   -0.635539
-4.21E-06   -0.345283  -33.888657
0.14085   -3.407820  -47.035486   -0.635539
-4.21E-06   -0.079422  -33.391108
0.28170   -3.407820  -47.035486   -0.635539
-4.21E-06   -0.226421  -43.463456
0.42255   -3.407820  -47.035486   -0.635539
-4.21E-06   -0.573606  -55.984367
0.56340   -3.407820  -47.035486   -0.635539
-4.21E-06   -0.916710  -68.830126

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   17.254287  118.235396    1.066913
 0.008002    0.599307  107.803214
0.14085   17.254287  118.235396    1.066913
 0.008002    0.171511   84.716790
0.28170   17.254287  118.235396    1.066913
 0.008002    0.346440   76.659122
0.42255   17.254287  118.235396    1.066913
 0.008002    0.843441   92.404316
0.56340   17.254287  118.235396    1.066913
 0.008002    1.363037  119.275436

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -22.255315  -69.536855   -1.237656
-0.005796   -0.715373  -31.424582
0.14085  -22.255315  -69.536855   -1.237656
-0.005796   -0.199184  -32.336289
0.28170  -22.255315  -69.536855   -1.237656
-0.005796   -0.298408  -47.778482
0.42255  -22.255315  -69.536855   -1.237656
-0.005796   -0.745990  -75.075961
0.56340  -22.255315  -69.536855   -1.237656
-0.005796   -1.193477 -122.584335

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   19.191511  111.952980    1.367125
 0.006003    0.764520   99.873086
0.14085   19.191511  111.952980    1.367125
 0.006003    0.204810   94.088590
0.28170   19.191511  111.952980    1.367125
 0.006003    0.467180  103.067454
0.42255   19.191511  111.952980    1.367125
 0.006003    1.146813  129.511635
0.56340   19.191511  111.952980    1.367125
 0.006003    1.843345  163.875726
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2193

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -21.089625  -88.548161   -1.659946
-0.004301   -0.943182  -32.024616
0.14085  -21.089625  -88.548161   -1.659946
-0.004301   -0.250007  -40.371947
0.28170  -21.089625  -88.548161   -1.659946
-0.004301   -0.382178  -61.159586
0.42255  -21.089625  -88.548161   -1.659946
-0.004301   -0.955760  -91.171024
0.56340  -21.089625  -88.548161   -1.659946
-0.004301   -1.529470 -135.503223

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.296141  110.885510    1.649890
 0.004988    0.924873   87.547823
0.14085   23.296141  110.885510    1.649890
 0.004988    0.244528   78.881403
0.28170   23.296141  110.885510    1.649890
 0.004988    0.534229   86.740275
0.42255   23.296141  110.885510    1.649890
 0.004988    1.318954  109.603519
0.56340   23.296141  110.885510    1.649890
 0.004988    2.117627  139.197110

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -20.780451  -77.445741   -1.903671
-0.004218   -1.077479  -43.529110
0.14085  -20.780451  -77.445741   -1.903671
-0.004218   -0.281573  -52.659260
0.28170  -20.780451  -77.445741   -1.903671
-0.004218   -0.457860  -75.226054
0.42255  -20.780451  -77.445741   -1.903671
-0.004218   -1.150513 -105.617028
0.56340  -20.780451  -77.445741   -1.903671
-0.004218   -1.842864 -147.951004

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.791957   58.532525    0.267185
 0.004348    0.147055   99.709770
0.14085    1.791957   58.532525    0.267185
 0.004348    0.049227   91.546002
0.28170    1.791957   58.532525    0.267185
 0.004348    0.181279   83.641310
0.42255    1.791957   58.532525    0.267185
 0.004348    0.451123   90.614283
0.56340    1.791957   58.532525    0.267185
 0.004348    0.736222  105.172582

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -19.516663  -38.899257   -0.679814
-0.004061   -0.406831   -4.433426
0.14085  -19.516663  -38.899257   -0.679814
-0.004061   -0.123651   -5.671224
0.28170  -19.516663  -38.899257   -0.679814
-0.004061   -0.078644    7.340612
0.42255  -19.516663  -38.899257   -0.679814
-0.004061   -0.190336  -16.185688
0.56340  -19.516663  -38.899257   -0.679814
-0.004061   -0.302501  -39.083794

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.325021   79.385040    0.831661
 0.004150    0.463297  101.543285
0.14085   10.325021   79.385040    0.831661
 0.004150    0.128579   96.014904
0.28170   10.325021   79.385040    0.831661
 0.004150    0.355997   92.828524
0.42255   10.325021   79.385040    0.831661
 0.004150    0.882336  104.606635
0.56340   10.325021   79.385040    0.831661
 0.004150    1.423632  123.838257
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2194

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -19.149961  -52.386622   -1.291274
-0.004331   -0.745587  -16.542881
0.14085  -19.149961  -52.386622   -1.291274
-0.004331   -0.207179  -25.091491
0.28170  -19.149961  -52.386622   -1.291274
-0.004331   -0.233756  -34.758438
0.42255  -19.149961  -52.386622   -1.291274
-0.004331   -0.583236  -51.410891
0.56340  -19.149961  -52.386622   -1.291274
-0.004331   -0.932209  -81.511126

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   15.656177  105.987137    1.253369
 0.003880    0.689278   95.219234
0.14085   15.656177  105.987137    1.253369
 0.003880    0.182413   85.655480
0.28170   15.656177  105.987137    1.253369
 0.003880    0.470464   97.366535
0.42255   15.656177  105.987137    1.253369
 0.003880    1.163921  121.010900
0.56340   15.656177  105.987137    1.253369
 0.003880    1.867678  149.926187

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -23.903506  -75.243519   -1.678008
-0.002929   -0.948996  -25.580365
0.14085  -23.903506  -75.243519   -1.678008
-0.002929   -0.247795  -28.846864
0.28170  -23.903506  -75.243519   -1.678008
-0.002929   -0.351836  -55.273447
0.42255  -23.903506  -75.243519   -1.678008
-0.002929   -0.878067  -87.890579
0.56340  -23.903506  -75.243519   -1.678008
-0.002929   -1.403918 -129.405584

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   16.176540  105.593760    1.557646
 0.003248    0.869694   86.996613
0.14085   16.176540  105.593760    1.557646
 0.003248    0.223815   72.490342
0.28170   16.176540  105.593760    1.557646
 0.003248    0.551872   82.117944
0.42255   16.176540  105.593760    1.557646
 0.003248    1.371973  102.094730
0.56340   16.176540  105.593760    1.557646
 0.003248    2.201057  126.442194

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -24.314036  -64.813413   -1.976276
-0.003148   -1.115957  -36.805989
0.14085  -24.314036  -64.813413   -1.976276
-0.003148   -0.282243  -39.460963
0.28170  -24.314036  -64.813413   -1.976276
-0.003148   -0.434483  -65.951521
0.42255  -24.314036  -64.813413   -1.976276
-0.003148   -1.089041  -98.046944
0.56340  -24.314036  -64.813413   -1.976276
-0.003148   -1.742610 -137.648775

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.450236   25.544087    0.770344
 6.71E-06    0.430502   15.794071
0.14085    2.450236   25.544087    0.770344
 6.71E-06    0.106285    7.535232
0.28170    2.450236   25.544087    0.770344
 6.71E-06    0.255845    3.653135
0.42255    2.450236   25.544087    0.770344
 6.71E-06    0.646654    3.490466
0.56340    2.450236   25.544087    0.770344
 6.71E-06    1.037544    3.901959
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2195

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.256343   -4.232540   -0.932033
-0.001145   -0.526122  -23.433398
0.14085   -9.256343   -4.232540   -0.932033
-0.001145   -0.134921  -23.348699
0.28170   -9.256343   -4.232540   -0.932033
-0.001145   -0.209372  -26.501967
0.42255   -9.256343   -4.232540   -0.932033
-0.001145   -0.537117  -32.932802
0.56340   -9.256343   -4.232540   -0.932033
-0.001145   -0.860446  -40.336672

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   14.020348   48.657412    1.361829
 0.000129    0.765096   21.653813
0.14085   14.020348   48.657412    1.361829
 0.000129    0.193776   10.347474
0.28170   14.020348   48.657412    1.361829
 0.000129    0.420727    6.846061
0.42255   14.020348   48.657412    1.361829
 0.000129    1.058065    9.211935
0.56340   14.020348   48.657412    1.361829
 0.000129    1.695798   13.014112

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -12.308737  -12.680053   -1.520800
-0.001949   -0.855670  -42.351080
0.14085  -12.308737  -12.680053   -1.520800
-0.001949   -0.217690  -45.753497
0.28170  -12.308737  -12.680053   -1.520800
-0.001949   -0.373148  -55.280553
0.42255  -12.308737  -12.680053   -1.520800
-0.001949   -0.946252  -69.035529
0.56340  -12.308737  -12.680053   -1.520800
-0.001949   -1.517983  -84.489957

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.607870   54.098318    1.472004
 7.64E-06    0.820036   52.571582
0.14085   11.607870   54.098318    1.472004
 7.64E-06    0.202580   57.916639
0.28170   11.607870   54.098318    1.472004
 7.64E-06    0.524966   70.185848
0.42255   11.607870   54.098318    1.472004
 7.64E-06    1.318489   87.144547
0.56340   11.607870   54.098318    1.472004
 7.64E-06    2.112981  105.085754

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -17.733280  -48.378789   -1.894599
-0.001583   -1.066005  -37.891141
0.14085  -17.733280  -48.378789   -1.894599
-0.001583   -0.272475  -46.295685
0.28170  -17.733280  -48.378789   -1.894599
-0.001583   -0.408632  -59.504399
0.42255  -17.733280  -48.378789   -1.894599
-0.001583   -1.027708  -75.971576
0.56340  -17.733280  -48.378789   -1.894599
-0.001583   -1.646049  -93.343439

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   12.926345  105.512852    1.533497
 0.003112    0.854519   99.931762
0.14085   12.926345  105.512852    1.533497
 0.003112    0.219200   82.391311
0.28170   12.926345  105.512852    1.533497
 0.003112    0.572870   82.018240
0.42255   12.926345  105.512852    1.533497
 0.003112    1.431691   97.272993
0.56340   12.926345  105.512852    1.533497
 0.003112    2.299756  118.035811
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2196

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.714319  -56.827940   -2.070245
-0.003607   -1.174895  -38.224638
0.14085  -28.714319  -56.827940   -2.070245
-0.003607   -0.308645  -40.479111
0.28170  -28.714319  -56.827940   -2.070245
-0.003607   -0.427937  -60.843900
0.42255  -28.714319  -56.827940   -2.070245
-0.003607   -1.072576  -90.845916
0.56340  -28.714319  -56.827940   -2.070245
-0.003607   -1.716451 -129.741351

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   16.425730  128.947997    0.766216
 0.007451    0.428158  103.700803
0.14085   16.425730  128.947997    0.766216
 0.007451    0.115998   97.117499
0.28170   16.425730  128.947997    0.766216
 0.007451    0.323192  101.378367
0.42255   16.425730  128.947997    0.766216
 0.007451    0.797198  128.383207
0.56340   16.425730  128.947997    0.766216
 0.007451    1.283902  162.193370

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -20.830115  -82.998900   -1.160827
-0.005809   -0.664709  -40.903526
0.14085  -20.830115  -82.998900   -1.160827
-0.005809   -0.179281  -49.285886
0.28170  -20.830115  -82.998900   -1.160827
-0.005809   -0.216496  -71.568253
0.42255  -20.830115  -82.998900   -1.160827
-0.005809   -0.537836  -98.916729
0.56340  -20.830115  -82.998900   -1.160827
-0.005809   -0.859173 -144.892704

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.296141  118.235396    1.649890
 0.008002    0.924873  107.803214
0.14085   23.296141  118.235396    1.649890
 0.008002    0.244528   96.014904
0.28170   23.296141  118.235396    1.649890
 0.008002    0.572870  103.067454
0.42255   23.296141  118.235396    1.649890
 0.008002    1.431691  129.511635
0.56340   23.296141  118.235396    1.649890
 0.008002    2.299756  163.875276

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.714319  -88.548161   -2.070245
-0.005796   -1.174895  -43.529110
0.14085  -28.714319  -88.548161   -2.070245
-0.005796   -0.308645  -52.659260
0.28170  -28.714319  -88.548161   -2.070245
-0.005796   -0.457860  -75.226054
0.42255  -28.714319  -88.548161   -2.070245
-0.005796   -1.150513 -105.617028
0.56340  -28.714319  -88.548161   -2.070245
-0.005796   -1.842864 -147.951004

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.296141  128.947997    1.649890
 0.008002    0.924873  107.803214
0.14085   23.296141  128.947997    1.649890
 0.008002    0.244528   97.117499
0.28170   23.296141  128.947997    1.649890
 0.008002    0.572870  103.067454
0.42255   23.296141  128.947997    1.649890
 0.008002    1.431691  129.511635
0.56340   23.296141  128.947997    1.649890
 0.008002    2.299756  163.875276
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      2197

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.714319  -88.548161   -2.070245
-0.005809   -1.174895  -43.529110
0.14085  -28.714319  -88.548161   -2.070245
-0.005809   -0.308645  -52.659260
0.28170  -28.714319  -88.548161   -2.070245
-0.005809   -0.457860  -75.226054
0.42255  -28.714319  -88.548161   -2.070245
-0.005809   -1.150513 -105.617028
0.56340  -28.714319  -88.548161   -2.070245
-0.005809   -1.842864 -147.951004

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   23.296141  128.947997    1.649890
 0.008002    0.924873  107.803214
0.14085   23.296141  128.947997    1.649890
 0.008002    0.244528   97.117499
0.28170   23.296141  128.947997    1.649890
 0.008002    0.572870  103.067454
0.42255   23.296141  128.947997    1.649890
 0.008002    1.431691  129.511635
0.56340   23.296141  128.947997    1.649890
 0.008002    2.299756  163.875276

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -28.714319  -88.548161   -2.070245
-0.005809   -1.174895  -43.529110
0.14085  -28.714319  -88.548161   -2.070245
-0.005809   -0.308645  -52.659260
0.28170  -28.714319  -88.548161   -2.070245
-0.005809   -0.457860  -75.226054
0.42255  -28.714319  -88.548161   -2.070245
-0.005809   -1.150513 -105.617028
0.56340  -28.714319  -88.548161   -2.070245
-0.005809   -1.842864 -147.951004

ELEM     194 ================== LENGTH
=    2.976473
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COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	1.956833	58.277732	0.404117
0.001366	0.451049	77.776529	
0.57757	1.956833	58.277732	0.404117
0.001366	0.281673	53.400464	
0.71838	1.956833	58.277732	0.404117
0.001366	0.112302	29.082298	
0.85919	1.956833	58.277732	0.404117
0.001366	0.053096	5.238924	
1.00000	1.956833	58.277732	0.404117
0.001366	0.210184	2.282741	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-6.862722	-18.654415	-0.374762
-1.62E-05	-0.418097	-39.173217	
0.57757	-6.862722	-18.654415	-0.374762
-1.62E-05	-0.261028	-31.467993	
0.71838	-6.862722	-18.654415	-0.374762
-1.62E-05	-0.103970	-24.093251	
0.85919	-6.862722	-18.654415	-0.374762
-1.62E-05	-0.057041	-17.098363	
1.00000	-6.862722	-18.654415	-0.374762
-1.62E-05	-0.226443	-21.394778	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	5.893047	86.612042	0.524329
0.007745	0.585196	160.581473	
0.57757	5.893047	86.612042	0.524329
0.007745	0.365455	126.233693	
0.71838	5.893047	86.612042	0.524329
0.007745	0.145609	104.906761	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2198

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.85919	5.893047	86.612042	0.524329
0.007745	0.125126	102.219076	
1.00000	5.893047	86.612042	0.524329
0.007745	0.412103	113.186553	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-11.420661	-103.018997	-0.687140
-0.006213	-0.742835	-75.504824	
0.57757	-11.420661	-103.018997	-0.687140
-0.006213	-0.455076	-44.850748	
0.71838	-11.420661	-103.018997	-0.687140
-0.006213	-0.189616	-32.307695	
0.85919	-11.420661	-103.018997	-0.687140
-0.006213	-0.094894	-23.234425	
1.00000	-11.420661	-103.018997	-0.687140
-0.006213	-0.295625	-14.373523	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	8.809771	82.926555	0.623925
0.005559	0.696183	156.454447	
0.57757	8.809771	82.926555	0.623925
0.005559	0.434682	125.324998	
0.71838	8.809771	82.926555	0.623925
0.005559	0.173065	103.691452	
0.85919	8.809771	82.926555	0.623925
0.005559	0.146261	96.134057	
1.00000	8.809771	82.926555	0.623925
0.005559	0.528093	107.148864	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-10.038079	-124.225325	-0.913278
-0.004750	-1.003926	-116.491404	
0.57757	-10.038079	-124.225325	-0.913278
-0.004750	-0.621250	-73.096950	
0.71838	-10.038079	-124.225325	-0.913278
-0.004750	-0.255022	-40.509362	
0.85919	-10.038079	-124.225325	-0.913278
-0.004750	-0.141418	-27.921941	
1.00000	-10.038079	-124.225325	-0.913278
-0.004750	-0.351028	-16.032265	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	10.288702	76.379218	0.761404
0.004618	0.850085	145.584647	
0.57757	10.288702	76.379218	0.761404
0.004618	0.530966	116.588591	
0.71838	10.288702	76.379218	0.761404
0.004618	0.211752	95.516611	
0.85919	10.288702	76.379218	0.761404
0.004618	0.153463	86.189217	
1.00000	10.288702	76.379218	0.761404
0.004618	0.572636	92.486413	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-8.860686	-114.577028	-1.002096
-0.004389	-1.108139	-133.604033	
0.57757	-8.860686	-114.577028	-1.002096
-0.004389	-0.668218	-93.054000	
0.71838	-8.860686	-114.577028	-1.002096
-0.004389	-0.282023	-61.875977	
0.85919	-8.860686	-114.577028	-1.002096
-0.004389	-0.118949	-42.350141	
1.00000	-8.860686	-114.577028	-1.002096
-0.004389	-0.427396	-34.083498	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	4.782707	9.674487	0.103841
0.005316	0.115731	46.146090	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2199

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.57757	4.782707	9.674487	0.103841
0.005316	0.072223	44.704510	
0.71838	4.782707	9.674487	0.103841
0.005316	0.028632	54.693240	
0.85919	4.782707	9.674487	0.103841
0.005316	0.074419	82.017563	
1.00000	4.782707	9.674487	0.103841
0.005316	0.234974	119.657680	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-3.052626	-99.273132	-0.385283
-0.005422	-0.411853	-51.680992	
0.57757	-3.052626	-99.273132	-0.385283
-0.005422	-0.250426	-20.482224	
0.71838	-3.052626	-99.273132	-0.385283
-0.005422	-0.107665	-4.912880	
0.85919	-3.052626	-99.273132	-0.385283
-0.005422	-0.032336	-3.932641	
1.00000	-3.052626	-99.273132	-0.385283
-0.005422	-0.059888	-3.429829	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	9.362205	16.275822	0.333402
0.004846	0.371979	55.585982	
0.57757	9.362205	16.275822	0.333402
0.004846	0.232242	52.803796	
0.71838	9.362205	16.275822	0.333402
0.004846	0.092403	60.922895	
0.85919	9.362205	16.275822	0.333402
0.004846	0.115757	85.121738	
1.00000	9.362205	16.275822	0.333402
0.004846	0.410680	121.659075	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-2.636907	-127.318762	-0.706083
-0.005630	-0.774092	-104.304118	
0.57757	-2.636907	-127.318762	-0.706083
-0.005630	-0.478258	-60.919567	
0.71838	-2.636907	-127.318762	-0.706083
-0.005630	-0.199855	-30.375039	
0.85919	-2.636907	-127.318762	-0.706083
-0.005630	-0.063493	-15.330750	
1.00000	-2.636907	-127.318762	-0.706083
-0.005630	-0.188351	-14.849144	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	9.229370	79.224992	0.569701
0.004270	0.635802	175.193833	
0.57757	9.229370	79.224992	0.569701
0.004270	0.397011	145.415205	
0.71838	9.229370	79.224992	0.569701
0.004270	0.158128	123.572837	
0.85919	9.229370	79.224992	0.569701
0.004270	0.142196	113.837121	
1.00000	9.229370	79.224992	0.569701
0.004270	0.527548	115.700625	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-8.755112	-116.982979	-0.921367
-0.004147	-1.017935	-117.294988	
0.57757	-8.755112	-116.982979	-0.921367
-0.004147	-0.631854	-75.525549	
0.71838	-8.755112	-116.982979	-0.921367
-0.004147	-0.258142	-43.019100	
0.85919	-8.755112	-116.982979	-0.921367
-0.004147	-0.091879	-25.102487	
1.00000	-8.755112	-116.982979	-0.921367
-0.004147	-0.320193	-20.263490	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2200

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.43676	10.018267	74.104201	0.738443
0.003573	0.824706	164.706494	
0.57757	10.018267	74.104201	0.738443
0.003573	0.515193	136.533861	
0.71838	10.018267	74.104201	0.738443
0.003573	0.205581	114.988861	
0.85919	10.018267	74.104201	0.738443
0.003573	0.150887	103.549111	
1.00000	10.018267	74.104201	0.738443
0.003573	0.573703	101.687191	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-7.902775	-105.082441	-1.011907
-0.003910	-1.123419	-132.053519	
0.57757	-7.902775	-105.082441	-1.011907
-0.003910	-0.699402	-94.222170	
0.71838	-7.902775	-105.082441	-1.011907
-0.003910	-0.285777	-64.124391	
0.85919	-7.902775	-105.082441	-1.011907
-0.003910	-0.131566	-45.999417	
1.00000	-7.902775	-105.082441	-1.011907
-0.003910	-0.414030	-39.179620	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	3.095338	13.022113	0.415749
6.94E-06	0.464954	31.709793	
0.57757	3.095338	13.022113	0.415749
6.94E-06	0.290706	26.278920	
0.71838	3.095338	13.022113	0.415749
6.94E-06	0.116446	20.868152	
0.85919	3.095338	13.022113	0.415749
6.94E-06	0.051770	15.566146	
1.00000	3.095338	13.022113	0.415749
6.94E-06	0.208666	10.365793	

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-1.172072	-10.141124	-0.377091
-0.000664	-0.425364	-51.130473	
0.57757	-1.172072	-10.141124	-0.377091
-0.000664	-0.267352	-47.025263	
0.71838	-1.172072	-10.141124	-0.377091
-0.000664	-0.109364	-42.998668	
0.85919	-1.172072	-10.141124	-0.377091
-0.000664	-0.057761	-39.024353	
1.00000	-1.172072	-10.141124	-0.377091
-0.000664	-0.232040	-35.072018	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	7.228987	20.712733	0.663049
0.000201	0.741246	45.812223	
0.57757	7.228987	20.712733	0.663049
0.000201	0.463353	37.364537	
0.71838	7.228987	20.712733	0.663049
0.000201	0.185444	29.921992	
0.85919	7.228987	20.712733	0.663049
0.000201	0.090632	23.287492	
1.00000	7.228987	20.712733	0.663049
0.000201	0.366456	17.223927	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-1.594072	-31.479409	-0.664889
-0.001374	-0.748357	-96.842933	
0.57757	-1.594072	-31.479409	-0.664889
-0.001374	-0.469728	-84.591681	
0.71838	-1.594072	-31.479409	-0.664889
-0.001374	-0.191915	-73.603159	
0.85919	-1.594072	-31.479409	-0.664889
-0.001374	-0.093016	-63.103453	
1.00000	-1.594072	-31.479409	-0.664889
-0.001374	-0.370397	-53.041964	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2201

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	9.719998	22.177046	0.694148
0.000319	0.775497	61.540419	
0.57757	9.719998	22.177046	0.694148
0.000319	0.484560	54.967226	
0.71838	9.719998	22.177046	0.694148
0.000319	0.193577	49.960605	
0.85919	9.719998	22.177046	0.694148
0.000319	0.122715	48.353148	
1.00000	9.719998	22.177046	0.694148
0.000319	0.497496	58.499844	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-2.007136	-82.606981	-0.900805
-0.001765	-1.013041	-133.902804	
0.57757	-2.007136	-82.606981	-0.900805
-0.001765	-0.635599	-100.504228	
0.71838	-2.007136	-82.606981	-0.900805
-0.001765	-0.258389	-68.642358	
0.85919	-2.007136	-82.606981	-0.900805
-0.001765	-0.098282	-51.813941	
1.00000	-2.007136	-82.606981	-0.900805
-0.001765	-0.388289	-48.026991	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	10.211187	63.470113	0.738611
0.003769	0.825121	154.660470	
0.57757	10.211187	63.470113	0.738611
0.003769	0.515584	131.711524	
0.71838	10.211187	63.470113	0.738611
0.003769	0.205915	115.345198	
0.85919	10.211187	63.470113	0.738611
0.003769	0.154388	110.999432	
1.00000	10.211187	63.470113	0.738611
0.003769	0.580093	116.062353	

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-6.727921	-107.573009	-1.022254
-0.004547	-1.134538	-134.175707	
0.57757	-6.727921	-107.573009	-1.022254
-0.004547	-0.706185	-96.263736	
0.71838	-6.727921	-107.573009	-1.022254
-0.004547	-0.290058	-67.442338	
0.85919	-6.727921	-107.573009	-1.022254
-0.004547	-0.114882	-50.434045	
1.00000	-6.727921	-107.573009	-1.022254
-0.004547	-0.414138	-44.533987	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	3.386077	53.288922	0.715078
0.001343	0.798154	69.489632	
0.57757	3.386077	53.288922	0.715078
0.001343	0.498484	47.432072	
0.71838	3.386077	53.288922	0.715078
0.001343	0.198719	25.672267	
0.85919	3.386077	53.288922	0.715078
0.001343	0.150581	5.398703	
1.00000	3.386077	53.288922	0.715078
0.001343	0.377309	2.577450	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-6.131750	-24.606854	-0.674311
-1.15E-05	-0.751442	-56.869121	
0.57757	-6.131750	-24.606854	-0.674311
-1.15E-05	-0.468339	-46.839855	
0.71838	-6.131750	-24.606854	-0.674311
-1.15E-05	-0.186120	-37.166306	
0.85919	-6.131750	-24.606854	-0.674311
-1.15E-05	-0.100886	-28.654581	
1.00000	-6.131750	-24.606854	-0.674311
-1.15E-05	-0.400599	-35.119301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2202

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	7.329663	78.741595	0.927287
0.007656	1.034241	150.133705	
0.57757	7.329663	78.741595	0.927287
0.007656	0.645689	120.698004	
0.71838	7.329663	78.741595	0.927287
0.007656	0.257192	104.644060	
0.85919	7.329663	78.741595	0.927287
0.007656	0.194449	105.809706	
1.00000	7.329663	78.741595	0.927287
0.007656	0.683353	119.370664	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-10.823553	-106.998596	-1.174429
-0.006195	-1.268499	-101.307526	
0.57757	-10.823553	-106.998596	-1.174429
-0.006195	-0.797464	-61.550853	
0.71838	-10.823553	-106.998596	-1.174429
-0.006195	-0.324304	-46.136979	
0.85919	-10.823553	-106.998596	-1.174429
-0.006195	-0.166573	-34.251561	
1.00000	-10.823553	-106.998596	-1.174429
-0.006195	-0.539443	-28.948556	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	9.778120	76.575358	1.182035
0.005688	1.317799	148.379205	
0.57757	9.778120	76.575358	1.182035
0.005688	0.821997	120.199362	
0.71838	9.778120	76.575358	1.182035
0.005688	0.326554	101.985642	
0.85919	9.778120	76.575358	1.182035
0.005688	0.236529	101.596212	
1.00000	9.778120	76.575358	1.182035
0.005688	0.880307	118.876838	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-9.990744	-123.158425	-1.541448
-0.004838	-1.707231	-129.328797	
0.57757	-9.990744	-123.158425	-1.541448
-0.004838	-1.062093	-81.856206	
0.71838	-9.990744	-123.158425	-1.541448
-0.004838	-0.430172	-51.792502	
0.85919	-9.990744	-123.158425	-1.541448
-0.004838	-0.186536	-31.733425	
1.00000	-9.990744	-123.158425	-1.541448
-0.004838	-0.675778	-28.706932	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	11.169956	72.997918	1.424284
0.004726	1.588821	142.873582	
0.57757	11.169956	72.997918	1.424284
0.004726	0.991585	115.618400	
0.71838	11.169956	72.997918	1.424284
0.004726	0.393976	96.696817	
0.85919	11.169956	72.997918	1.424284
0.004726	0.260905	92.762348	
1.00000	11.169956	72.997918	1.424284
0.004726	0.994598	103.465940	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-9.108612	-113.877666	-1.755019
-0.004450	-1.950464	-145.372529	
0.57757	-9.108612	-113.877666	-1.755019
-0.004450	-1.215719	-101.269494	
0.71838	-9.108612	-113.877666	-1.755019
-0.004450	-0.491796	-71.840683	
0.85919	-9.108612	-113.877666	-1.755019
-0.004450	-0.216062	-51.407573	
1.00000	-9.108612	-113.877666	-1.755019
-0.004450	-0.608006	-44.996023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2203

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	4.305908	9.927272	0.218746
0.004450	0.242680	48.756373	
0.57757	4.305908	9.927272	0.218746
0.004450	0.151146	48.466418	
0.71838	4.305908	9.927272	0.218746
0.004450	0.059644	59.054707	
0.85919	4.305908	9.927272	0.218746
0.004450	0.096221	85.897379	
1.00000	4.305908	9.927272	0.218746
0.004450	0.325481	118.000600	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-3.567901	-87.124378	-0.550979
-0.004543	-0.601209	-52.781873	
0.57757	-3.567901	-87.124378	-0.550979
-0.004543	-0.371566	-20.743592	
0.71838	-3.567901	-87.124378	-0.550979
-0.004543	-0.159317	-6.876758	
0.85919	-3.567901	-87.124378	-0.550979
-0.004543	-0.051205	-5.339274	
1.00000	-3.567901	-87.124378	-0.550979
-0.004543	-0.136792	-4.602379	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	8.831479	18.324638	0.701601
0.004134	0.781520	61.761481	
0.57757	8.831479	18.324638	0.701601
0.004134	0.486909	58.164701	
0.71838	8.831479	18.324638	0.701601
0.004134	0.192676	64.216869	
0.85919	8.831479	18.324638	0.701601
0.004134	0.172439	89.286021	
1.00000	8.831479	18.324638	0.701601
0.004134	0.637045	123.759549	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-3.524010	-112.209947	-1.111533
-0.004853	-1.230339	-97.590263	
0.57757	-3.524010	-112.209947	-1.111533
-0.004853	-0.765982	-54.671439	
0.71838	-3.524010	-112.209947	-1.111533
-0.004853	-0.313760	-28.551891	
0.85919	-3.524010	-112.209947	-1.111533
-0.004853	-0.117102	-16.094225	
1.00000	-3.524010	-112.209947	-1.111533
-0.004853	-0.405101	-15.598274	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	8.987904	75.773560	1.083200
0.003520	1.207484	174.048232	
0.57757	8.987904	75.773560	1.083200
0.003520	0.752614	145.671703	
0.71838	8.987904	75.773560	1.083200
0.003520	0.298700	123.980312	
0.85919	8.987904	75.773560	1.083200
0.003520	0.233391	117.110398	
1.00000	8.987904	75.773560	1.083200
0.003520	0.858398	118.865792	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-9.211678	-106.396042	-1.518364
-0.003337	-1.688438	-118.514483	
0.57757	-9.211678	-106.396042	-1.518364
-0.003337	-1.053064	-77.130163	
0.71838	-9.211678	-106.396042	-1.518364
-0.003337	-0.426286	-47.009703	
0.85919	-9.211678	-106.396042	-1.518364
-0.003337	-0.164421	-29.805853	
1.00000	-9.211678	-106.396042	-1.518364
-0.003337	-0.614629	-23.364502	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2204

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	9.750062	73.734038	1.358051
0.002947	1.514761	169.732692	
0.57757	9.750062	73.734038	1.358051
0.002947	0.945140	141.767317	
0.71838	9.750062	73.734038	1.358051
0.002947	0.375038	119.419440	
0.85919	9.750062	73.734038	1.358051
0.002947	0.255534	109.391619	
1.00000	9.750062	73.734038	1.358051
0.002947	0.999704	106.712582	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-8.771005	-97.026334	-1.778620
-0.003243	-1.983204	-136.367398	
0.57757	-8.771005	-97.026334	-1.778620
-0.003243	-1.238697	-98.565645	
0.71838	-8.771005	-97.026334	-1.778620
-0.003243	-0.501195	-70.206426	
0.85919	-8.771005	-97.026334	-1.778620
-0.003243	-0.200388	-52.403411	
1.00000	-8.771005	-97.026334	-1.778620
-0.003243	-0.766142	-43.991349	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	2.973211	17.220011	0.693035
4.05E-06	0.773854	42.370233	
0.57757	2.973211	17.220011	0.693035
4.05E-06	0.483265	35.371815	
0.71838	2.973211	17.220011	0.693035
4.05E-06	0.191512	28.459446	
0.85919	2.973211	17.220011	0.693035
4.05E-06	0.110126	21.598641	
1.00000	2.973211	17.220011	0.693035
4.05E-06	0.451379	14.798144	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.289855	-11.292054	-0.814767
-0.000673	-0.915216	-56.927915	
0.57757	-2.289855	-11.292054	-0.814767
-0.000673	-0.573686	-52.520858	
0.71838	-2.289855	-11.292054	-0.814767
-0.000673	-0.232304	-48.200958	
0.85919	-2.289855	-11.292054	-0.814767
-0.000673	-0.095322	-43.918944	
1.00000	-2.289855	-11.292054	-0.814767
-0.000673	-0.386365	-39.742691	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.380097	26.944258	1.189842
0.000128	1.328960	60.828969	
0.57757	7.380097	26.944258	1.189842
0.000128	0.830047	50.061849	
0.71838	7.380097	26.944258	1.189842
0.000128	0.329245	39.867785	
0.85919	7.380097	26.944258	1.189842
0.000128	0.184077	30.258435	
1.00000	7.380097	26.944258	1.189842
0.000128	0.749501	21.497458	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.019529	-31.769242	-1.351080
-0.001299	-1.515814	-102.452611	
0.57757	-3.019529	-31.769242	-1.351080
-0.001299	-0.948588	-89.899230	
0.71838	-3.019529	-31.769242	-1.351080
-0.001299	-0.383785	-78.266833	
0.85919	-3.019529	-31.769242	-1.351080
-0.001299	-0.164266	-67.753035	
1.00000	-3.019529	-31.769242	-1.351080
-0.001299	-0.664273	-58.148319	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2205

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.104177	27.672912	1.283226
5.33E-06	1.431565	74.592541	
0.57757	9.104177	27.672912	1.283226
5.33E-06	0.892952	65.282222	
0.71838	9.104177	27.672912	1.283226
5.33E-06	0.353535	57.592013	
0.85919	9.104177	27.672912	1.283226
5.33E-06	0.225926	58.264342	
1.00000	9.104177	27.672912	1.283226
5.33E-06	0.919484	67.105675	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.837189	-73.863444	-1.656917
-0.001376	-1.859219	-129.209181	
0.57757	-3.837189	-73.863444	-1.656917
-0.001376	-1.165048	-99.694387	
0.71838	-3.837189	-73.863444	-1.656917
-0.001376	-0.470675	-71.712644	
0.85919	-3.837189	-73.863444	-1.656917
-0.001376	-0.177554	-57.738067	
1.00000	-3.837189	-73.863444	-1.656917
-0.001376	-0.716441	-53.310994	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.640417	65.919569	1.343149
0.002818	1.498310	166.948112	
0.57757	9.640417	65.919569	1.343149
0.002818	0.934700	142.374918	
0.71838	9.640417	65.919569	1.343149
0.002818	0.370528	124.043124	
0.85919	9.640417	65.919569	1.343149
0.002818	0.261225	118.726621	
1.00000	9.640417	65.919569	1.343149
0.002818	1.023524	120.265803	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.395055	-96.114123	-1.822298
-0.003563	-2.033640	-137.166273	
0.57757	-8.395055	-96.114123	-1.822298
-0.003563	-1.270508	-99.918398	
0.71838	-8.395055	-96.114123	-1.822298
-0.003563	-0.514505	-73.150113	
0.85919	-8.395055	-96.114123	-1.822298
-0.003563	-0.197974	-57.685721	
1.00000	-8.395055	-96.114123	-1.822298
-0.003563	-0.758334	-50.388044	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.288702	86.612042	0.761404
0.007745	0.850085	175.193833	
0.57757	10.288702	86.612042	0.761404
0.007745	0.530966	145.415205	
0.71838	10.288702	86.612042	0.761404
0.007745	0.211752	123.572837	
0.85919	10.288702	86.612042	0.761404
0.007745	0.154388	113.837321	
1.00000	10.288702	86.612042	0.761404
0.007745	0.580093	121.659075	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.420661	-127.318762	-1.022254
-0.006213	-1.134538	-134.175707	
0.57757	-11.420661	-127.318762	-1.022254
-0.006213	-0.706185	-100.504228	
0.71838	-11.420661	-127.318762	-1.022254
-0.006213	-0.290058	-73.603159	
0.85919	-11.420661	-127.318762	-1.022254
-0.006213	-0.118949	-63.103453	
1.00000	-11.420661	-127.318762	-1.022254
-0.006213	-0.427396	-53.041964	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2206

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.169956	78.741595	1.424284
0.007656	1.588821	174.040232	
0.57757	11.169956	78.741595	1.424284
0.007656	0.991585	145.671703	
0.71838	11.169956	78.741595	1.424284
0.007656	0.393976	124.043124	
0.85919	11.169956	78.741595	1.424284
0.007656	0.261225	118.726621	
1.00000	11.169956	78.741595	1.424284
0.007656	1.023524	123.759549	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.823553	-123.158425	-1.822298
-0.006195	-2.033640	-145.372529	
0.57757	-10.823553	-123.158425	-1.822298
-0.006195	-1.270508	-101.269494	
0.71838	-10.823553	-123.158425	-1.822298
-0.006195	-0.514505	-78.266833	
0.85919	-10.823553	-123.158425	-1.822298
-0.006195	-0.216062	-67.753035	
1.00000	-10.823553	-123.158425	-1.822298
-0.006195	-0.808006	-58.148319	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.169956	86.612042	1.424284
0.007745	1.588821	175.193833	
0.57757	11.169956	86.612042	1.424284
0.007745	0.991585	145.671703	
0.71838	11.169956	86.612042	1.424284
0.007745	0.393976	124.043124	
0.85919	11.169956	86.612042	1.424284
0.007745	0.261225	118.726621	
1.00000	11.169956	86.612042	1.424284
0.007745	1.023524	123.759549	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.420661	-127.318762	-1.822298
-0.006213	-2.033640	-145.372529	
0.57757	-11.420661	-127.318762	-1.822298
-0.006213	-1.270508	-101.269494	
0.71838	-11.420661	-127.318762	-1.822298
-0.006213	-0.514505	-78.266833	
0.85919	-11.420661	-127.318762	-1.822298
-0.006213	-0.216062	-67.753035	
1.00000	-11.420661	-127.318762	-1.822298
-0.006213	-0.808006	-58.148319	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.169956	86.612042	1.424284
0.007745	1.588821	175.193833	
0.57757	11.169956	86.612042	1.424284
0.007745	0.991585	145.671703	
0.71838	11.169956	86.612042	1.424284
0.007745	0.393976	124.043124	
0.85919	11.169956	86.612042	1.424284
0.007745	0.261225	118.726621	
1.00000	11.169956	86.612042	1.424284
0.007745	1.023524	123.759549	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.420661	-127.318762	-1.822298
-0.006213	-2.033640	-145.372529	
0.57757	-11.420661	-127.318762	-1.822298
-0.006213	-1.270508	-101.269494	
0.71838	-11.420661	-127.318762	-1.822298
-0.006213	-0.514505	-78.266833	
0.85919	-11.420661	-127.318762	-1.822298
-0.006213	-0.216062	-67.753035	
1.00000	-11.420661	-127.318762	-1.822298
-0.006213	-0.808006	-58.148319	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2207

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 195 ========== LENGTH = 2.977593

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.956001	57.995234	0.403779
0.001314	0.227686	2.282931	
0.14085	1.956001	57.995234	0.403779
0.001314	0.058334	2.827755	
0.28170	1.956001	57.995234	0.403779
0.001314	0.103004	9.006481	
0.42255	1.956001	57.995234	0.403779
0.001314	0.260026	16.459848	
0.56341	1.956001	57.995234	0.403779
0.001314	0.417058	24.146417	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.834401	-18.674410	-0.374424
-7.25E-06	-0.211074	-21.416366	
0.14085	-6.834401	-18.674410	-0.374424
-7.25E-06	-0.054035	-45.169975	
0.28170	-6.834401	-18.674410	-0.374424
-7.25E-06	-0.111002	-69.407528	
0.42255	-6.834401	-18.674410	-0.374424
-7.25E-06	-0.280346	-93.655860	
0.56341	-6.834401	-18.674410	-0.374424
-7.25E-06	-0.449691	-117.931374	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.984711	151.086897	0.521687
0.007877	0.294112	113.563964	
0.14085	2.984711	151.086897	0.521687
0.007877	0.095617	89.950434	
0.28170	2.984711	151.086897	0.521687
0.007877	0.190617	72.360963	
0.42255	2.984711	151.086897	0.521687
0.007877	0.457945	75.244432	
0.56341	2.984711	151.086897	0.521687
0.007877	0.748895	90.435852	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.658436	-41.810169	-0.693739
-0.006020	-0.416597	-14.348365	
0.14085	-14.658436	-41.810169	-0.693739
-0.006020	-0.126161	-43.188212	
0.28170	-14.658436	-41.810169	-0.693739
-0.006020	-0.143249	-74.671503	
0.42255	-14.658436	-41.810169	-0.693739
-0.006020	-0.362145	-110.838034	
0.56341	-14.658436	-41.810169	-0.693739
-0.006020	-0.580932	-167.893106	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.895292	126.631254	0.624363
0.005673	0.351485	107.387554	
0.14085	6.895292	126.631254	0.624363
0.005673	0.103405	111.589489	
0.28170	6.895292	126.631254	0.624363
0.005673	0.258238	121.807029	
0.42255	6.895292	126.631254	0.624363
0.005673	0.635097	146.351354	
0.56341	6.895292	126.631254	0.624363
0.005673	1.028035	179.344877	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.247496	-82.943287	-0.936909
-0.004224	-0.545021	-16.005138	
0.14085	-12.247496	-82.943287	-0.936909
-0.004224	-0.152326	-44.081824	
0.28170	-12.247496	-82.943287	-0.936909
-0.004224	-0.172131	-75.601545	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2208

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-12.247496	-82.943287	-0.936909
-0.004224	-0.434074	-110.267876	
0.56341	-12.247496	-82.943287	-0.936909
-0.004224	-0.695914	-159.104446	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.716671	112.624149	0.767245
0.004713	0.432023	92.691135	
0.14085	8.716671	112.624149	0.767245
0.004713	0.121572	93.721975	
0.28170	8.716671	112.624149	0.767245
0.004713	0.286792	103.535860	
0.42255	8.716671	112.624149	0.767245
0.004713	0.709671	125.971327	
0.56341	8.716671	112.624149	0.767245
0.004713	1.145888	155.590668	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.690918	-80.450626	-1.040127
-0.004112	-0.600119	-34.068470	
0.14085	-10.690918	-80.450626	-1.040127
-0.004112	-0.164048	-53.557965	
0.28170	-10.690918	-80.450626	-1.040127
-0.004112	-0.211457	-76.217884	
0.42255	-10.690918	-80.450626	-1.040127
-0.004112	-0.533315	-102.749583	
0.56341	-10.690918	-80.450626	-1.040127
-0.004112	-0.855080	-142.145774	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.385736	64.026513	0.103185
0.005243	0.057875	119.962494	
0.14085	2.385736	64.026513	0.103185
0.005243	0.031490	111.924254	
0.28170	2.385736	64.026513	0.103185
0.005243	0.111128	104.030542	
0.42255	2.385736	64.026513	0.103185
0.005243	0.260499	112.275922	
0.56341	2.385736	64.026513	0.103185
0.005243	0.429646	130.617770	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.799326	-48.231424	-0.403309
-0.005033	-0.248322	-3.419125	
0.14085	-5.799326	-48.231424	-0.403309
-0.005033	-0.079702	-3.406124	
0.28170	-5.799326	-48.231424	-0.403309
-0.005033	-0.028611	-3.685362	
0.42255	-5.799326	-48.231424	-0.403309
-0.005033	-0.071055	-7.831022	
0.56341	-5.799326	-48.231424	-0.403309
-0.005033	-0.115229	-29.356874	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.175735	66.826494	0.335968
0.004880	0.188642	121.935050	
0.14085	7.175735	66.826494	0.335968
0.004880	0.063509	124.479726	
0.28170	7.175735	66.826494	0.335968
0.004880	0.205425	130.829053	
0.42255	7.175735	66.826494	0.335968
0.004880	0.498883	152.783807	
0.56341	7.175735	66.826494	0.335968
0.004880	0.810752	184.305998	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.206315	-80.130880	-0.743645
-0.005113	-0.438291	-14.840446	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2209

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-5.206315	-80.130880	-0.743645
-0.005113	-0.126689	-14.459933	
0.28170	-5.206315	-80.130880	-0.743645
-0.005113	-0.093043	-14.418534	
0.42255	-5.206315	-80.130880	-0.743645
-0.005113	-0.234060	-19.777414	
0.56341	-5.206315	-80.130880	-0.743645
-0.005113	-0.374945	-42.805580	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.701120	114.480368	0.572049
0.004525	0.321914	115.869546	
0.14085	7.701120	114.480368	0.572049
0.004525	0.093144	108.270583	
0.28170	7.701120	114.480368	0.572049
0.004525	0.255060	120.241860	
0.42255	7.701120	114.480368	0.572049
0.004525	0.621673	146.089925	
0.56341	7.701120	114.480368	0.572049
0.004525	1.001431	179.229176	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.541183	-83.791151	-0.905777
-0.003701	-0.519361	-20.244222	
0.14085	-10.541183	-83.791151	-0.905777
-0.003701	-0.142755	-21.251917	
0.28170	-10.541183	-83.791151	-0.905777
-0.003701	-0.157767	-48.699004	
0.42255	-10.541183	-83.791151	-0.905777
-0.003701	-0.397800	-80.352356	
0.56341	-10.541183	-83.791151	-0.905777
-0.003701	-0.637715	-124.800142	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.754618	103.627685	0.746899
0.003785	0.420578	101.835740	
0.14085	8.754618	103.627685	0.746899
0.003785	0.116637	92.146604	
0.28170	8.754618	103.627685	0.746899
0.003785	0.286001	100.733386	
0.42255	8.754618	103.627685	0.746899
0.003785	0.703432	122.078867	
0.56341	8.754618	103.627685	0.746899
0.003785	1.131878	149.490486	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.397627	-77.262709	-1.021828
-0.003714	-0.583401	-39.170127	
0.14085	-9.397627	-77.262709	-1.021828
-0.003714	-0.157549	-37.253058	
0.28170	-9.397627	-77.262709	-1.021828
-0.003714	-0.205783	-57.368856	
0.42255	-9.397627	-77.262709	-1.021828
-0.003714	-0.519131	-80.703734	
0.56341	-9.397627	-77.262709	-1.021828
-0.003714	-0.832381	-114.554220	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.117614	13.073764	0.426245
1.15E-05	0.240347	10.375671	
0.14085	3.117614	13.073764	0.426245
1.15E-05	0.061559	5.745202	
0.28170	3.117614	13.073764	0.426245
1.15E-05	0.114293	2.625559	
0.42255	3.117614	13.073764	0.426245
1.15E-05	0.288908	2.365982	
0.56341	3.117614	13.073764	0.426245
1.15E-05	0.463550	2.917203	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2210

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.195577	-10.092116	-0.416409
-0.000992	-0.235021	-35.081903	
0.14085	-1.195577	-10.092116	-0.416409
-0.000992	-0.060666	-31.265563	
0.28170	-1.195577	-10.092116	-0.416409
-0.000992	-0.117174	-27.679086	
0.42255	-1.195577	-10.092116	-0.416409
-0.000992	-0.295953	-24.149104	
0.56341	-1.195577	-10.092116	-0.416409
-0.000992	-0.474719	-20.718968	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.183343	22.759917	0.678160
0.000244	0.382128	17.250550	
0.14085	7.183343	22.759917	0.678160
0.000244	0.098290	12.029590	
0.28170	7.183343	22.759917	0.678160
0.000244	0.198800	12.743667	
0.42255	7.183343	22.759917	0.678160
0.000244	0.500818	19.303278	
0.56341	7.183343	22.759917	0.678160
0.000244	0.803593	26.679289	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.722299	-29.834582	-0.721993
-0.001831	-0.407697	-53.061122	
0.14085	-1.722299	-29.834582	-0.721993
-0.001831	-0.104858	-45.723180	
0.28170	-1.722299	-29.834582	-0.721993
-0.001831	-0.186720	-39.341635	
0.42255	-1.722299	-29.834582	-0.721993
-0.001831	-0.471145	-33.410022	
0.56341	-1.722299	-29.834582	-0.721993
-0.001831	-0.755560	-34.183630	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.683787	25.415102	0.707276
0.000321	0.397970	58.509246	
0.14085	9.683787	25.415102	0.707276
0.000321	0.102377	76.439067	
0.28170	9.683787	25.415102	0.707276
0.000321	0.268438	99.190821	
0.42255	9.683787	25.415102	0.707276
0.000321	0.675330	127.064048	
0.56341	9.683787	25.415102	0.707276
0.000321	1.083421	155.816748	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.209705	-80.092618	-0.973073
-0.001561	-0.549298	-48.032387	
0.14085	-2.209705	-80.092618	-0.973073
-0.001561	-0.141069	-44.324740	
0.28170	-2.209705	-80.092618	-0.973073
-0.001561	-0.195233	-40.775091	
0.42255	-2.209705	-80.092618	-0.973073
-0.001561	-0.491917	-39.070183	
0.56341	-2.209705	-80.092618	-0.973073
-0.001561	-0.788535	-39.720310	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.706721	98.521745	0.749465
0.004010	0.422112	116.249886	
0.14085	8.706721	98.521745	0.749465
0.004010	0.118727	102.954645	
0.28170	8.706721	98.521745	0.749465
0.004010	0.294383	103.795086	
0.42255	8.706721	98.521745	0.749465
0.004010	0.725209	121.078653	
0.56341	8.706721	98.521745	0.749465
0.004010	1.168970	147.067000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2211

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.523657	-74.596099	-1.058198
-0.004426	-0.607489	-44.529222	
0.14085	-8.523657	-74.596099	-1.058198
-0.004426	-0.164137	-38.803777	
0.28170	-8.523657	-74.596099	-1.058198
-0.004426	-0.206479	-48.455802	
0.42255	-8.523657	-74.596099	-1.058198
-0.004426	-0.520905	-65.820590	
0.56341	-8.523657	-74.596099	-1.058198
-0.004426	-0.835186	-95.604137	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.377165	53.120376	0.734460
0.001348	0.414401	2.577447	
0.14085	3.377165	53.120376	0.734460
0.001348	0.106097	3.050990	
0.28170	3.377165	53.120376	0.734460
0.001348	0.127482	9.420132	
0.42255	3.377165	53.120376	0.734460
0.001348	0.443103	19.216188	
0.56341	3.377165	53.120376	0.734460
0.001348	0.710255	29.143094	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.111989	-24.674127	-0.635233
-4.28E-06	-0.353899	-35.126413	
0.14085	-6.111989	-24.674127	-0.635233
-4.28E-06	-0.088188	-49.962769	
0.28170	-6.111989	-24.674127	-0.635233
-4.28E-06	-0.201467	-68.480311	
0.42255	-6.111989	-24.674127	-0.635233

```
-4.28E-06   -0.509595   -90.403045
0.56341   -6.111989   -24.674127   -0.635233
-4.28E-06   -0.817629   -112.330988

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    4.213170   140.684736    0.932036
 0.007954    0.542247   119.424279
0.14085    4.213170   140.684736    0.932036
 0.007954    0.167608    94.974208
0.28170    4.213170   140.684736    0.932036
 0.007954    0.321773    76.636654
0.42255    4.213170   140.684736    0.932036
 0.007954    0.788658    80.773937
0.56341    4.213170   140.684736    0.932036
 0.007954    1.278298    97.731420

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -14.621745   -47.640943   -1.166271
-0.006015    -0.681227   -28.947840
0.14085   -14.621745   -47.640943   -1.166271
-0.006015    -0.194467   -47.911020
0.28170   -14.621745   -47.640943   -1.166271
-0.006015    -0.255936    -71.116233
0.42255   -14.621745   -47.640943   -1.166271
-0.006015    -0.647113   -103.247922
0.56341   -14.621745   -47.640943   -1.166271
-0.006015    -1.038055   -159.447736

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    7.614866   120.364667    1.183794
 0.005923    0.676944   118.898198
0.14085    7.614866   120.364667    1.183794
 0.005923    0.187871   118.595390
0.28170    7.614866   120.364667    1.183794
 0.005923    0.428761   124.098554
0.42255    7.614866   120.364667    1.183794
 0.005923    1.057779   146.369219
0.56341    7.614866   120.364667    1.183794
 0.005923    1.706807   177.902737
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2212

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -12.700270   -81.262393   -1.542712
-0.004415    -0.884089   -28.678998
0.14085   -12.700270   -81.262393   -1.542712
-0.004415    -0.140631   -48.844079
0.28170   -12.700270   -81.262393   -1.542712
-0.004415    -0.324909    -72.935633
0.42255   -12.700270   -81.262393   -1.542712
-0.004415    -0.822162   -104.018205
0.56341   -12.700270   -81.262393   -1.542712
-0.004415    -1.319069   -152.158668

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.387561   109.323198    1.439586
 0.004921    0.819265   103.493829
0.14085    9.387561   109.323198    1.439586
 0.004921    0.221773   100.127517
0.28170    9.387561   109.323198    1.439586
 0.004921    0.492246   105.295537
0.42255    9.387561   109.323198    1.439586
 0.004921    1.222268   125.704333
0.56341    9.387561   109.323198    1.439586
 0.004921    1.967000   153.900353

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -11.365778   -79.176491   -1.773931
-0.004232    -1.011376   -44.979680
0.14085   -11.365778   -79.176491   -1.773931
-0.004232    -0.270238    -58.279571
0.28170   -11.365778   -79.176491   -1.773931
-0.004232    -0.394353    -77.067292
0.42255   -11.365778   -79.176491   -1.773931
-0.004232    -0.969116   -102.663306
0.56341   -11.365778   -79.176491   -1.773931
-0.004232    -1.603533   -142.645344

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    2.169747    53.570901    0.203927
 0.004479    0.125408   118.026036
0.14085    2.169747    53.570901    0.203927
 0.004479    0.047282   113.092809
0.28170    2.169747    53.570901    0.203927
 0.004479    0.162076   108.279116
0.42255    2.169747    53.570901    0.203927
 0.004479    0.394647   116.487802
0.56341    2.169747    53.570901    0.203927
 0.004479    0.642512   133.541577

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -6.258503   -45.801076   -0.590511
-0.004214    -0.351746    -4.587248
0.14085   -6.258503   -45.801076   -0.590511
-0.004214    -0.105428    -4.094258
0.28170   -6.258503   -45.801076   -0.590511
-0.004214    -0.056892    -3.852723
0.42255   -6.258503   -45.801076   -0.590511
-0.004214    -0.142266    -7.415725
0.56341   -6.258503   -45.801076   -0.590511
-0.004214    -0.227668   -27.825768

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.821656   59.895767    0.696960
 0.004275    0.401019   123.777877
0.14085    6.821656   59.895767    0.696960
 0.004275    0.116237   126.770189
0.28170    6.821656   59.895767    0.696960
 0.004275    0.321311   132.969855
0.42255    6.821656   59.895767    0.696960
 0.004275    0.790842   152.498933
0.56341    6.821656   59.895767    0.696960
 0.004275    1.275751   180.667853
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2213

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -6.110277   -72.825026   -1.156429
-0.004412    -0.668385    -15.578098
0.14085   -6.110277   -72.825026   -1.156429
-0.004412    -0.184280    -15.532050
0.28170   -6.110277   -72.825026   -1.156429
-0.004412    -0.191340    -16.969412
0.42255   -6.110277   -72.825026   -1.156429
-0.004412    -0.484201    -22.602376
0.56341   -6.110277   -72.825026   -1.156429
-0.004412    -0.777018    -44.673476

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    7.696110   102.228532    1.080265
 0.003841    0.613474   118.850716
0.14085    7.696110   102.228532    1.080265
 0.003841    0.165469   110.203000
0.28170    7.696110   102.228532    1.080265
 0.003841    0.426583   122.995911
0.42255    7.696110   102.228532    1.080265
 0.003841    1.056255   148.749280
0.56341    7.696110   102.228532    1.080265
 0.003841    1.697458   180.533222

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -10.863831   -81.029738   -1.527715
-0.002848    -0.867381   -23.330283
0.14085   -10.863831   -81.029738   -1.527715
-0.002848    -0.228920   -22.598032
0.28170   -10.863831   -81.029738   -1.527715
-0.002848    -0.296509   -45.886709
0.42255   -10.863831   -81.029738   -1.527715
-0.002848    -0.750126   -75.175733
0.56341   -10.863831   -81.029738   -1.527715
-0.002848    -1.203706   -115.419937

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    8.682412   95.912477    1.361069
 0.003215    0.770776   106.710351
0.14085    8.682412   95.912477    1.361069
 0.003215    0.203833   95.302983
0.28170    8.682412   95.912477    1.361069
 0.003215    0.504143   103.308768
0.42255    8.682412   95.912477    1.361069
 0.003215    1.255374   124.492511
0.56341    8.682412   95.912477    1.361069
 0.003215    2.016157   150.682583

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -10.168750   -75.753400   -1.813127
-0.003108    -1.027090   -43.970469
0.14085   -10.168750   -75.753400   -1.813127
-0.003108    -0.268615   -40.274187
0.28170   -10.168750   -75.753400   -1.813127
-0.003108    -0.372826   -57.813539
0.42255   -10.168750   -75.753400   -1.813127
-0.003108    -0.944773   -82.166454
0.56341   -10.168750   -75.753400   -1.813127
-0.003108    -1.516191   -115.627108

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    2.994868   17.243723    0.695654
 8.83E-06    0.391722    14.813676
0.14085    2.994868   17.243723    0.695654
 8.83E-06    0.098596    8.387553
0.28170    2.994868   17.243723    0.695654
 8.83E-06    0.238189    3.428267
0.42255    2.994868   17.243723    0.695654
 8.83E-06    0.685016    0.468263
0.56341    2.994868   17.243723    0.695654
 8.83E-06    0.965748    3.570152
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2214

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -2.318529   -11.273356   -0.867298
-0.001030    -0.489270    -39.754536
0.14085   -2.318529   -11.273356   -0.867298
-0.001030    -0.124546    -35.699576
0.28170   -2.318529   -11.273356   -0.867298
-0.001030    -0.189525    -32.476823
0.42255   -2.318529   -11.273356   -0.867298
-0.001030    -0.482476    -33.200984
0.56341   -2.318529   -11.273356   -0.867298
-0.001030    -0.774518    -34.411119

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    7.352505   28.188732    1.212954
 0.000168    0.683269    21.522214
0.14085    7.352505   28.188732    1.212954
 0.000168    0.173366    14.340834
0.28170    7.352505   28.188732    1.212954
 0.000168    0.390786    13.764069
0.42255    7.352505   28.188732    1.212954
 0.000168    0.985066    19.808939
0.56341    7.352505   28.188732    1.212954
 0.000168    1.579653    27.125448

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -3.125052   -30.709188   -1.417667
-0.001710    -0.798850    -58.167546
0.14085   -3.125052   -30.709188   -1.417667
-0.001710    -0.204320    -50.693695
0.28170   -3.125052   -30.709188   -1.417667
-0.001710    -0.330926    -47.288897
0.42255   -3.125052   -30.709188   -1.417667
-0.001710    -0.841025    -49.011725
0.56341   -3.125052   -30.709188   -1.417667
-0.001710    -1.350388    -52.162964

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.201968   27.589015    1.286783
 7.45E-06    0.721996    67.103938
0.14085    9.201968   27.589015    1.286783
 7.45E-06    0.181450    81.770032
0.28170    9.201968   27.589015    1.286783
 7.45E-06    0.481103    101.290963
0.42255    9.201968   27.589015    1.286783
 7.45E-06    1.208120    126.356979
0.56341    9.201968   27.589015    1.286783
 7.45E-06    1.935656    152.233101

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -3.880193   -74.353760   -1.735251
-0.001265    -0.976331    -53.310809
0.14085   -3.880193   -74.353760   -1.735251
-0.001265    -0.248143    -49.313410
0.28170   -3.880193   -74.353760   -1.735251
-0.001265    -0.352083    -47.589015
0.42255   -3.880193   -74.353760   -1.735251
-0.001265    -0.892963    -50.734783
0.56341   -3.880193   -74.353760   -1.735251
-0.001265    -1.433520    -54.406716

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    8.484259   90.086127    1.341084
 0.003122    0.759906   120.274195
0.14085    8.484259   90.086127    1.341084
 0.003122    0.200742   106.862813
0.28170    8.484259   90.086127    1.341084
 0.003122    0.523734   108.341651
0.42255    8.484259   90.086127    1.341084
 0.003122    1.307016   126.157439
0.56341    8.484259   90.086127    1.341084
 0.003122    2.099600   150.783714
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2215

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -9.921559   -72.995817   -1.889766
-0.003428    -1.075592    -50.375641
0.14085   -9.921559   -72.995817   -1.889766
-0.003428    -0.281218    -43.724420
0.28170   -9.921559   -72.995817   -1.889766
-0.003428    -0.367240    -52.100496
0.42255   -9.921559   -72.995817   -1.889766
-0.003428    -0.930798    -71.469778
0.56341   -9.921559   -72.995817   -1.889766
-0.003428    -1.494029    -101.334379

COMB DB ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.683787   151.086897    0.767245
 0.007877    0.432023   121.935050
0.14085    9.683787   151.086897    0.767245
 0.007877    0.121572   124.479726
0.28170    9.683787   151.086897    0.767245
 0.007877    0.294383   130.829053
0.42255    9.683787   151.086897    0.767245
 0.007877    0.725209   152.783807
0.56341    9.683787   151.086897    0.767245
 0.007877    1.168970   184.305998

COMB DB ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -14.658436   -83.791151   -1.058198
-0.006020    -0.607489    -53.061122
0.14085   -14.658436   -83.791151   -1.058198
-0.006020    -0.164137    -53.657965
0.28170   -14.658436   -83.791151   -1.058198
-0.006020    -0.211457    -76.217984
0.42255   -14.658436   -83.791151   -1.058198
-0.006020    -0.533315    -110.838034
0.56341   -14.658436   -83.791151   -1.058198
-0.006020    -0.855080    -167.893106

COMB DL ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.387561   140.684736    1.439586
 0.007954    0.819265   123.777877
0.14085    9.387561   140.684736    1.439586
 0.007954    0.221773   126.770189
0.28170    9.387561   140.684736    1.439586
 0.007954    0.523734   132.969855
0.42255    9.387561   140.684736    1.439586
 0.007954    1.307016   152.498933
0.56341    9.387561   140.684736    1.439586
 0.007954    2.099600   180.667853

COMB DL ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -14.621745   -81.262393   -1.897766
-0.006015    -1.073292    -58.167546
0.14085   -14.621745   -81.262393   -1.897766
-0.006015    -0.281218    -58.279571
0.28170   -14.621745   -81.262393   -1.897766
-0.006015    -0.394353    -77.067292
0.42255   -14.621745   -81.262393   -1.897766
-0.006015    -0.999161    -104.018205
0.56341   -14.621745   -81.262393   -1.897766
-0.006015    -1.603533    -159.447736

COMB CAR ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.683787   151.086897    1.439586
 0.007954    0.819265   123.777877
0.14085    9.683787   151.086897    1.439586
 0.007954    0.221773   126.770189
0.28170    9.683787   151.086897    1.439586
 0.007954    0.523734   132.969855
0.42255    9.683787   151.086897    1.439586
 0.007954    1.307016   152.783807
0.56341    9.683787   151.086897    1.439586
 0.007954    2.099600   184.305998
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2216

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB CAR ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -14.658436   -83.791151   -1.889766
-0.006020    -1.073292    -58.167546
0.14085   -14.658436   -83.791151   -1.889766
-0.006020    -0.281218    -58.279571
0.28170   -14.658436   -83.791151   -1.889766
-0.006020    -0.394353    -77.067292
0.42255   -14.658436   -83.791151   -1.889766
-0.006020    -0.999161    -110.838034
0.56341   -14.658436   -83.791151   -1.889766
-0.006020    -1.603533    -167.893106

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    9.683787   151.086897    1.439586
 0.007954    0.819265   123.777877
0.14085    9.683787   151.086897    1.439586
 0.007954    0.221773   126.770189
0.28170    9.683787   151.086897    1.439586
 0.007954    0.523734   132.969855
0.42255    9.683787   151.086897    1.439586
 0.007954    1.307016   152.783807
0.56341    9.683787   151.086897    1.439586
 0.007954    2.099600   184.305998

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -14.658436   -83.791151   -1.889766
-0.006020    -1.073292    -58.167546
0.14085   -14.658436   -83.791151   -1.889766
-0.006020    -0.281218    -58.279571
0.28170   -14.658436   -83.791151   -1.889766
-0.006020    -0.394353    -77.067292
0.42255   -14.658436   -83.791151   -1.889766
-0.006020    -0.999161    -110.838034
0.56341   -14.658436   -83.791151   -1.889766
-0.006020    -1.603533    -167.893106

ELEM      196 ================== LENGTH
=     2.977541

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    0.350015   70.362490    0.406016
 0.001146    0.454106    96.707765
0.57745    0.350015   70.362490    0.406016
 0.001146    0.283929    67.248727
0.71830    0.350015   70.362490    0.406016
 0.001146    0.113550    37.879945
0.85915    0.350015   70.362490    0.406016
 0.001146    0.053155    8.822975
1.00000    0.350015   70.362490    0.406016
 0.001146    0.211696    2.104370

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43660   -9.928276   -10.229431   -0.377984
-0.000146    -0.422393    -22.904487
0.57745   -9.928276   -10.229431   -0.377984
-0.000146    -0.263872    -18.738149
0.71830   -9.928276   -10.229431   -0.377984
-0.000146    -0.105363    -14.973385
0.85915   -9.928276   -10.229431   -0.377984
-0.000146    -0.056702    -11.403344
1.00000   -9.928276   -10.229431   -0.377984
-0.000146    -0.227009    -22.614599

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    4.807629   100.621419    0.523437
 0.007516    0.585562   187.346806
0.57745    4.807629   100.621419    0.523437
 0.007516    0.366044   147.777125
0.71830    4.807629   100.621419    0.523437
 0.007516    0.146443   122.317868
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2217

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.85915    4.807629   100.621419    0.523437
 0.007516    0.115386   114.211169
1.00000    4.807629   100.621419    0.523437
 0.007516    0.382216   119.487040

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43660   -12.592522   -93.128084   -0.636998
-0.006232    -0.688302    -53.138485
0.57745   -12.592522   -93.128084   -0.636998
-0.006232    -0.421238    -28.333882
0.71830   -12.592522   -93.128084   -0.636998
-0.006232    -0.177008    -21.261211
0.85915   -12.592522   -93.128084   -0.636998
-0.006232    -0.095225    -16.169912
1.00000   -12.592522   -93.128084   -0.636998
-0.006232    -0.300407    -11.640622

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    7.966773   90.925290    0.624841
 0.005542    0.698267   178.671945
0.57745    7.966773   90.925290    0.624841
 0.005542    0.436214   143.414880
0.71830    7.966773   90.925290    0.624841
 0.005542    0.174057   118.433437
0.85915    7.966773   90.925290    0.624841
 0.005542    0.107366    107.366418
1.00000    7.966773   90.925290    0.624841
 0.005542    0.458594   117.449612

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43660   -11.638601   -119.530529   -0.793025
-0.004679    -0.873328    -96.529969
0.57745   -11.638601   -119.530529   -0.793025
-0.004679    -0.540851    -55.680083
0.71830   -11.638601   -119.530529   -0.793025
-0.004679    -0.223960    -25.226673
0.85915   -11.638601   -119.530529   -0.793025
-0.004679    -0.102934    -15.989433
1.00000   -11.638601   -119.530529   -0.793025
-0.004679    -0.355296    -12.181972

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    9.417816   79.658414    0.758817
 0.004603    0.848101   158.053044
0.57745    9.417816   79.658414    0.758817
 0.004603    0.529861   127.057120
0.71830    9.417816   79.658414    0.758817
 0.004603    0.211530   104.591663
0.85915    9.417816   79.658414    0.758817
 0.004603    0.135302    93.733202
1.00000    9.417816   79.658414    0.758817
 0.004603    0.501630   100.527598

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43660   -10.173681   -114.990073   -0.874316
-0.004214    -0.966403    -126.802960
0.57745   -10.173681   -114.990073   -0.874316
-0.004214    -0.599810    -86.509915
0.71830   -10.173681   -114.990073   -0.874316
-0.004214    -0.246270    -55.296148
0.85915   -10.173681   -114.990073   -0.874316
-0.004214    -0.119058    -42.093608
1.00000   -10.173681   -114.990073   -0.874316
-0.004214    -0.429300    -33.034155

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    5.749676    9.122938    0.103479
 0.005427    0.115463    50.043893
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD              >
                                2218

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.57745    5.749676    9.122938    0.103479
 0.005427    0.070363    49.336923
0.71830    5.749676    9.122938    0.103479
 0.005427    0.028606    60.916451
0.85915    5.749676    9.122938    0.103479
 0.005427    0.062597    89.444153
1.00000    5.749676    9.122938    0.103479
 0.005427    0.187817    129.231300

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43660   -0.806281   -99.984910   -0.299714
-0.005421    -0.316576    -45.190022
0.57745   -0.806281   -99.984910   -0.299714
-0.005421    -0.190985    -15.405716
0.71830   -0.806281   -99.984910   -0.299714
-0.005421    -0.084526    -4.366785
0.85915   -0.806281   -99.984910   -0.299714
-0.005421    -0.033418    -3.542969
1.00000   -0.806281   -99.984910   -0.299714
-0.005421    -0.064745    -2.774802

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43660    9.949507    9.902222    0.330321
 0.005088    0.368641    54.699600
0.57745    9.949607    9.902222    0.330321
 0.005088    0.230105    53.815277
```

0.71830 9.949607 9.902222 0.330321
0.005088 0.091469 64.654430
0.85915 9.949607 9.902222 0.330321
0.005088 0.094352 91.382142
1.00000 9.949607 9.902222 0.330321
0.005088 0.323119 133.579758

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.340744	-133.693550	-0.546898
-0.005501	-0.596153	-103.482362	
0.57745	-1.340744	-133.693550	-0.546898
-0.005501	-0.366900	-58.229762	
0.71830	-1.340744	-133.693550	-0.546898
-0.005501	-0.155651	-25.372461	
0.85915	-1.340744	-133.693550	-0.546898
-0.005501	-0.064262	-16.525805	
1.00000	-1.340744	-133.693550	-0.546898
-0.005501	-0.191626	-13.013647	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.040270	81.324425	0.568456
0.004341	0.635158	189.856639	
0.57745	9.040270	81.324425	0.568456
0.004341	0.396735	158.406849	
0.71830	9.040270	81.324425	0.568456
0.004341	0.158217	135.496394	
0.85915	9.040270	81.324425	0.568456
0.004341	0.113566	124.621337	
1.00000	9.040270	81.324425	0.568456
0.004341	0.417400	128.413095	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.056218	-117.574267	-0.725555
-0.004038	-0.801131	-106.811379	
0.57745	-9.056218	-117.574267	-0.725555
-0.004038	-0.496922	-65.234010	
0.71830	-9.056218	-117.574267	-0.725555
-0.004038	-0.205502	-32.804177	
0.85915	-9.056218	-117.574267	-0.725555
-0.004038	-0.092206	-22.650347	
1.00000	-9.056218	-117.574267	-0.725555
-0.004038	-0.322699	-17.041831	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2219

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.238928	72.608110	0.733773
0.003633	0.820130	170.530796	
0.57745	10.238928	72.608110	0.733773
0.003633	0.512376	142.292340	
0.71830	10.238928	72.608110	0.733773
0.003633	0.204548	121.196651	
0.85915	10.238928	72.608110	0.733773
0.003633	0.077672	110.151201	
1.00000	10.238928	72.608110	0.733773
0.003633	0.479075	111.309093	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.770855	-109.610494	-0.839365
-0.003695	-0.930141	-135.485297	
0.57745	-7.770855	-109.610494	-0.839365
-0.003695	-0.578195	-96.018222	
0.71830	-7.770855	-109.610494	-0.839365
-0.003695	-0.236880	-64.156398	
0.85915	-7.770855	-109.610494	-0.839365
-0.003695	-0.113212	-50.736091	
1.00000	-7.770855	-109.610494	-0.839365
-0.003695	-0.414382	-41.452518	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.274152	8.277677	0.410200
6.91E-06	0.458764	21.746173	
0.57745	4.274152	8.277677	0.410200
6.91E-06	0.286732	18.284066	
0.71830	4.274152	8.277677	0.410200
6.91E-06	0.114707	14.846389	
0.85915	4.274152	8.277677	0.410200
6.91E-06	0.051535	11.475652	
1.00000	4.274152	8.277677	0.410200
6.91E-06	0.207269	8.152084	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.255776	-16.370931	-0.371063
-0.000485	-0.415213	-71.013532	
0.57745	-0.255776	-16.370931	-0.371063
-0.000485	-0.257594	-64.303609	
0.71830	-0.255776	-16.370931	-0.371063
-0.000485	-0.103990	-57.623591	
0.85915	-0.255776	-16.370931	-0.371063
-0.000485	-0.057295	-50.970222	
1.00000	-0.255776	-16.370931	-0.371063
-0.000485	-0.229372	-44.375960	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.933949	11.781043	0.654474
0.000201	0.731717	29.762746	
0.57745	7.933949	11.781043	0.654474
0.000201	0.457243	25.226903	
0.71830	7.933949	11.781043	0.654474
0.000201	0.182753	21.264763	
0.85915	7.933949	11.781043	0.654474
0.000201	0.084652	17.911057	
1.00000	7.933949	11.781043	0.654474
0.000201	0.338231	15.205191	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.973101	-42.768117	-0.604484
-0.001077	-0.675919	-124.908357	
0.57745	-0.973101	-42.768117	-0.604484
-0.001077	-0.422422	-107.973531	
0.71830	-0.973101	-42.768117	-0.604484
-0.001077	-0.169888	-92.069934	
0.85915	-0.973101	-42.768117	-0.604484
-0.001077	-0.092335	-76.586989	
1.00000	-0.973101	-42.768117	-0.604484
-0.001077	-0.366446	-61.624311	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2220

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.076882	11.224984	0.685516
0.000537	0.765815	48.320944	
0.57745	11.076882	11.224984	0.685516
0.000537	0.478313	45.230971	
0.71830	11.076882	11.224984	0.685516
0.000537	0.190756	43.900936	
0.85915	11.076882	11.224984	0.685516
0.000537	0.106403	46.809141	
1.00000	11.076882	11.224984	0.685516
0.000537	0.429964	64.325206	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.947886	-95.262951	-0.771946
-0.001462	-0.865464	-154.964433	
0.57745	-0.947886	-95.262951	-0.771946
-0.001462	-0.541754	-116.006416	
0.71830	-0.947886	-95.262951	-0.771946
-0.001462	-0.219408	-79.227657	
0.85915	-0.947886	-95.262951	-0.771946
-0.001462	-0.097687	-65.404020	
1.00000	-0.947886	-95.262951	-0.771946
-0.001462	-0.384542	-55.916765	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.429044	58.440348	0.732393
0.003886	0.818626	154.268117	
0.57745	11.429044	58.440348	0.732393
0.003886	0.511498	132.140031	
0.71830	11.429044	58.440348	0.732393
0.003886	0.204242	118.298019	
0.85915	11.429044	58.440348	0.732393
0.003886	0.131516	115.993763	
1.00000	11.429044	58.440348	0.732393
0.003886	0.487556	125.428293	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.507504	-115.184378	-0.849707
-0.004298	-0.939205	-145.663374	
0.57745	-5.507504	-115.184378	-0.849707
-0.004298	-0.582929	-105.041831	
0.71830	-5.507504	-115.184378	-0.849707
-0.004298	-0.239249	-73.186375	
0.85915	-5.507504	-115.184378	-0.849707
-0.004298	-0.114867	-59.626511	
1.00000	-5.507504	-115.184378	-0.849707
-0.004298	-0.414320	-50.072930	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.423586	67.979859	0.658198
0.001045	0.733232	90.687037	
0.57745	0.423586	67.979859	0.658198
0.001045	0.457180	62.539956	
0.71830	0.423586	67.979859	0.658198
0.001045	0.181109	34.725127	
0.85915	0.423586	67.979859	0.658198
0.001045	0.080201	8.088648	
1.00000	0.423586	67.979859	0.658198
0.001045	0.320154	2.392511	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.564880	-13.282172	-0.574634
-0.000149	-0.642185	-33.112358	
0.57745	-9.564880	-13.282172	-0.574634
-0.000149	-0.400676	-27.922950	
0.71830	-9.564880	-13.282172	-0.574634
-0.000149	-0.160229	-23.154320	
0.85915	-9.564880	-13.282172	-0.574634
-0.000149	-0.095006	-19.400806	
1.00000	-9.564880	-13.282172	-0.574634
-0.000149	-0.371031	-34.653332	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2221

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.494724	95.848198	0.811160
0.007384	0.902732	183.163785	
0.57745	5.494724	95.848188	0.811160
0.007384	0.563276	148.012211	
0.71830	5.494724	95.848188	0.811160
0.007384	0.224009	125.980503	
0.85915	5.494724	95.848188	0.811160
0.007384	0.117424	120.301915	
1.00000	5.494724	95.848188	0.811160
0.007384	0.591661	127.761529	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.879425	-93.905554	-1.006689
-0.006205	-1.099419	-70.369732	
0.57745	-11.879425	-93.905554	-1.006689
-0.006205	-0.677491	-39.553513	
0.71830	-11.879425	-93.905554	-1.006689
-0.006205	-0.277411	-30.444748	
0.85915	-11.879425	-93.905554	-1.006689
-0.006205	-0.145146	-23.874229	
1.00000	-11.879425	-93.905554	-1.006689
-0.006205	-0.481567	-26.050552	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.174424	86.653642	0.993949
0.005607	1.107200	170.838897	
0.57745	8.174424	86.653642	0.993949
0.005607	0.690170	139.680476	
0.71830	8.174424	86.653642	0.993949
0.005607	0.274061	119.284684	
0.85915	8.174424	86.653642	0.993949
0.005607	0.199108	117.402203	
1.00000	8.174424	86.653642	0.993949
0.005607	0.730545	132.040246	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.969078	-116.508396	-1.271515
-0.004756	-1.404665	-102.249025	
0.57745	-10.969078	-116.508396	-1.271515
-0.004756	-0.867757	-60.179095	
0.71830	-10.969078	-116.508396	-1.271515
-0.004756	-0.354928	-35.207214	
0.85915	-10.969078	-116.508396	-1.271515
-0.004756	-0.161321	-23.476281	
1.00000	-10.969078	-116.508396	-1.271515
-0.004756	-0.575262	-24.676661	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.380282	77.237613	1.215552
0.004657	1.355147	155.006930	
0.57745	9.380282	77.237613	1.215552
0.004657	0.845136	126.939061	
0.71830	9.380282	77.237613	1.215552
0.004657	0.335357	107.850447	
0.85915	9.380282	77.237613	1.215552
0.004657	0.221336	104.120622	
1.00000	9.380282	77.237613	1.215552
0.004657	0.832829	114.125421	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.659401	-114.171301	-1.462019
-0.004238	-1.621433	-136.286004	
0.57745	-9.659401	-114.171301	-1.462019
-0.004238	-1.008558	-94.688252	
0.71830	-9.659401	-114.171301	-1.462019
-0.004238	-0.409034	-66.578896	
0.85915	-9.659401	-114.171301	-1.462019
-0.004238	-0.186388	-50.324445	
1.00000	-9.659401	-114.171301	-1.462019
-0.004238	-0.695806	-44.691578	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2222

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.846635	9.331736	0.154330
0.004558	0.170516	54.380979	
0.57745	5.846635	9.331736	0.154330
0.004558	0.106354	56.055319	
0.71830	5.846635	9.331736	0.154330
0.004558	0.042281	69.077363	
0.85915	5.846635	9.331736	0.154330
0.004558	0.088117	96.819062	
1.00000	5.846635	9.331736	0.154330
0.004558	0.282979	130.157119	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.848849	-88.328383	-0.467507
-0.004529	-0.503999	-46.846953	
0.57745	-0.848849	-88.328383	-0.467507
-0.004529	-0.308506	-17.463790	
0.71830	-0.848849	-88.328383	-0.467507
-0.004529	-0.127708	-6.032970	
0.85915	-0.848849	-88.328383	-0.467507
-0.004529	-0.042320	-4.841021	
1.00000	-0.848849	-88.328383	-0.467507
-0.004529	-0.104337	-3.711806	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.458764	10.886162	0.552931
0.004402	0.615424	57.101168	
0.57745	9.458764	10.886162	0.552931
0.004402	0.383191	57.903881	
0.71830	9.458764	10.886162	0.552931
0.004402	0.151535	69.565058	
0.85915	9.458764	10.886162	0.552931
0.004402	0.146416	100.148566	
1.00000	9.458764	10.886162	0.552931
0.004402	0.523535	138.739651	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.428414	-120.014159	-0.901362
-0.004698	-0.991960	-97.729189	
0.57745	-1.428410	-120.014159	-0.901362
-0.004698	-0.614891	-54.805688	
0.71830	-1.428410	-120.014159	-0.901362
-0.004698	-0.251555	-27.643982	
0.85915	-1.428410	-120.014159	-0.901362
-0.004698	-0.196076	-17.633726	
1.00000	-1.428410	-120.014159	-0.901362
-0.004698	-0.325409	-13.545519	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.612034	78.708468	0.891075
0.003546	0.993814	189.639839	
0.57745	8.612034	78.708468	0.891075
0.003546	0.619361	160.900654	
0.71830	8.612034	78.708468	0.891075
0.003546	0.246060	140.031663	
0.85915	8.612034	78.708468	0.891075
0.003546	0.184895	133.930931	
1.00000	8.612034	78.708468	0.891075
0.003546	0.700530	135.196414	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.427469	-106.607532	-1.232510
-0.003207	-1.367975	-106.589231	
0.57745	-8.427469	-106.607532	-1.232510
-0.003207	-0.851843	-67.382928	
0.71830	-8.427469	-106.607532	-1.232510
-0.003207	-0.345054	-39.125094	
0.85915	-8.427469	-106.607532	-1.232510
-0.003207	-0.137359	-26.874041	
1.00000	-8.427469	-106.607532	-1.232510
-0.003207	-0.508755	-19.816358	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2223

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.919155	72.156702	1.136313
0.002970	1.268234	175.764699	
0.57745	9.919155	72.156702	1.136313
0.002970	0.791241	149.059610	
0.71830	9.919155	72.156702	1.136313
0.002970	0.314102	128.905000	
0.85915	9.919155	72.156702	1.136313
0.002970	0.162792	121.359565	
1.00000	9.919155	72.156702	1.136313
0.002970	0.834384	119.582097	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.274618	-103.070178	-1.476951
-0.002979	-1.643974	-143.132597	
0.57745	-7.274618	-103.070178	-1.476951
-0.002979	-1.025200	-104.606058	
0.71830	-7.274618	-103.070178	-1.476951
-0.002979	-0.414018	-75.243675	
0.85915	-7.274618	-103.070178	-1.476951
-0.002979	-0.168773	-59.095005	
1.00000	-7.274618	-103.070178	-1.476951
-0.002979	-0.643590	-47.559608	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.503361	11.350125	0.606414
4.05E-06	0.677597	31.491673	
0.57745	4.503361	11.350125	0.606414
4.05E-06	0.423244	26.743759	
0.71830	4.503361	11.350125	0.606414
4.05E-06	0.167836	22.016064	
0.85915	4.503361	11.350125	0.606414
4.05E-06	0.101339	17.317636	
1.00000	4.503361	11.350125	0.606414
4.05E-06	0.410375	12.674378	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.271207	-19.753242	-0.736037
-0.000448	-0.824119	-84.226284	
0.57745	-0.271207	-19.753242	-0.736037
-0.000448	-0.515331	-76.033604	
0.71830	-0.271207	-19.753242	-0.736037
-0.000448	-0.206695	-67.892554	
0.85915	-0.271207	-19.753242	-0.736037
-0.000448	-0.083634	-59.802979	
1.00000	-0.271207	-19.753242	-0.736037
-0.000448	-0.338364	-51.782975	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.782028	15.766248	1.041210
0.000130	1.162565	42.142705	
0.57745	7.782028	15.766248	1.041210
0.000130	0.725665	35.827297	
0.71830	7.782028	15.766248	1.041210
0.000130	0.287521	29.820102	
0.85915	7.782028	15.766248	1.041210
0.000130	0.162759	24.337678	
1.00000	7.782028	15.766248	1.041210
0.000130	0.656598	19.724793	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.113366	-46.771250	-1.176431
-0.000926	-1.316877	-140.923667	
0.57745	-1.113366	-46.771250	-1.176431
-0.000926	-0.823405	-121.901432	
0.71830	-1.113366	-46.771250	-1.176431
-0.000926	-0.330436	-103.613418	
0.85915	-1.113366	-46.771250	-1.176431
-0.000926	-0.145301	-86.330567	
1.00000	-1.113366	-46.771250	-1.176431
-0.000926	-0.582473	-69.812299	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2224

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.653101	14.579938	1.071916
0.000218	1.196392	56.326585	
0.57745	10.653101	14.579938	1.071916
0.000218	0.746010	52.890303	
0.71830	10.653101	14.579938	1.071916
0.000218	0.295274	52.237213	
0.85915	10.653101	14.579938	1.071916
0.000218	0.193819	60.079891	
1.00000	10.653101	14.579938	1.071916
0.000218	0.780392	75.251775	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.030444	-90.436013	-1.398320
-0.001007	-1.566098	-160.172564	
0.57745	-1.030444	-90.436013	-1.398320
-0.001007	-0.979682	-124.613687	
0.71830	-1.030444	-90.436013	-1.398320
-0.001007	-0.393288	-91.566660	
0.85915	-1.030444	-90.436013	-1.398320
-0.001007	-0.148379	-75.554250	
1.00000	-1.030444	-90.436013	-1.398320
-0.001007	-0.597903	-63.647033	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.120232	60.150518	1.122411
0.002921	1.252565	165.861668	
0.57745	11.120232	60.150518	1.122411
0.002921	0.781420	144.420328	
0.71830	11.120232	60.150518	1.122411
0.002921	0.310097	130.032302	
0.85915	11.120232	60.150518	1.122411
0.002921	0.226021	128.435230	
1.00000	11.120232	60.150518	1.122411
0.002921	0.870330	132.873927	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.228866	-106.116133	-1.537464
-0.003262	-1.710608	-154.861948	
0.57745	-5.228866	-106.116133	-1.537464
-0.003262	-1.066092	-115.362605	
0.71830	-5.228866	-106.116133	-1.537464
-0.003262	-0.429924	-85.772678	
0.85915	-5.228866	-106.116133	-1.537464
-0.003262	-0.167074	-67.010786	
1.00000	-5.228866	-106.116133	-1.537464
-0.003262	-0.636321	-57.870366	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.429044	100.621419	0.758817
0.007516	0.848101	189.856639	
0.57745	11.429044	100.621419	0.758817
0.007516	0.529861	158.406849	
0.71830	11.429044	100.621419	0.758817
0.007516	0.211530	135.496394	
0.85915	11.429044	100.621419	0.758817
0.007516	0.135302	124.621337	
1.00000	11.429044	100.621419	0.758817
0.007516	0.501630	133.579758	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.592522	-133.693550	-0.874316
-0.006232	-0.966403	-154.964433	
0.57745	-12.592522	-133.693550	-0.874316
-0.006232	-0.599810	-116.006416	
0.71830	-12.592522	-133.693550	-0.874316
-0.006232	-0.246270	-92.069934	
0.85915	-12.592522	-133.693550	-0.874316
-0.006232	-0.119058	-76.586989	
1.00000	-12.592522	-133.693550	-0.874316
-0.006232	-0.429300	-61.624311	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2225

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.120232	95.848188	1.215552
0.007384	1.355147	189.639839	
0.57745	11.120232	95.848188	1.215552
0.007384	0.845136	160.900654	
0.71830	11.120232	95.848188	1.215552
0.007384	0.335357	140.031663	
0.85915	11.120232	95.848188	1.215552
0.007384	0.221336	133.930931	
1.00000	11.120232	95.848188	1.215552
0.007384	0.870330	138.739651	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.879425	-120.014159	-1.537464
-0.006205	-1.710608	-160.172564	
0.57745	-11.879425	-120.014159	-1.537464
-0.006205	-1.066092	-124.613687	
0.71830	-11.879425	-120.014159	-1.537464
-0.006205	-0.429924	-103.613418	
0.85915	-11.879425	-120.014159	-1.537464
-0.006205	-0.188388	-86.330567	
1.00000	-11.879425	-120.014159	-1.537464
-0.006205	-0.695806	-69.812299	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.429044	100.621419	1.215552
0.007516	1.355147	189.856639	
0.57745	11.429044	100.621419	1.215552
0.007516	0.845136	160.900654	
0.71830	11.429044	100.621419	1.215552
0.007516	0.335357	140.031663	
0.85915	11.429044	100.621419	1.215552
0.007516	0.226021	133.930931	
1.00000	11.429044	100.621419	1.215552
0.007516	0.870330	138.739651	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.592522	-133.693550	-1.537464
-0.006232	-1.710608	-160.172564	
0.57745	-12.592522	-133.693550	-1.537464
-0.006232	-1.066092	-124.613687	
0.71830	-12.592522	-133.693550	-1.537464
-0.006232	-0.422924	-103.613418	
0.85915	-12.592522	-133.693550	-1.537464
-0.006232	-0.188388	-86.330567	
1.00000	-12.592522	-133.693550	-1.537464
-0.006232	-0.695806	-69.812299	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.429044	100.621419	1.215552
0.007516	1.355147	189.856639	
0.57745	11.429044	100.621419	1.215552
0.007516	0.845136	160.900654	
0.71830	11.429044	100.621419	1.215552
0.007516	0.335357	140.031663	
0.85915	11.429044	100.621419	1.215552
0.007516	0.226021	133.930931	
1.00000	11.429044	100.621419	1.215552
0.007516	0.870330	138.739651	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.592522	-133.693550	-1.537464
-0.006232	-1.710608	-160.172564	
0.57745	-12.592522	-133.693550	-1.537464
-0.006232	-1.066092	-124.613687	
0.71830	-12.592522	-133.693550	-1.537464
-0.006232	-0.429924	-103.613418	
0.85915	-12.592522	-133.693550	-1.537464
-0.006232	-0.188388	-86.330567	
1.00000	-12.592522	-133.693550	-1.537464
-0.006232	-0.695806	-69.812299	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2226

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 197 ========== LENGTH = 2.977660

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.356049	69.762749	0.415266
0.001045	0.234799	2.104399	
0.14085	0.356049	69.762749	0.415266
0.001045	0.060616	2.739045	
0.28171	0.356049	69.762749	0.415266
0.001045	0.105375	4.072196	
0.42256	0.356049	69.762749	0.415266
0.001045	0.266685	7.745418	
0.56342	0.356049	69.762749	0.415266
0.001045	0.428005	11.782493	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.876674	-10.119221	-0.384630
-7.18E-06	-0.217275	-22.646291	
0.14085	-9.876674	-10.119221	-0.384630
-7.18E-06	-0.055947	-51.432558	
0.28171	-9.876674	-10.119221	-0.384630
-7.18E-06	-0.113552	-80.606370	
0.42256	-9.876674	-10.119221	-0.384630
-7.18E-06	-0.251772	-99.788982	
0.56342	-9.876674	-10.119221	-0.384630
-7.18E-06	-0.461892	-139.000202	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.018265	164.991905	0.536402
0.007542	0.310857	119.859026	
0.14085	2.018265	164.991905	0.536402
0.007542	0.100706	95.441942	
0.28171	2.018265	164.991905	0.536402
0.007542	0.177867	72.694745	
0.42256	2.018265	164.991905	0.536402
0.007542	0.425706	69.404817	
0.56342	2.018265	164.991905	0.536402
0.007542	0.697474	79.949229	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.690794	-32.416489	-0.647985
-0.006077	-0.391375	-11.673697	
0.14085	-16.690794	-32.416489	-0.647985
-0.006077	-0.120045	-48.301917	
0.28171	-16.690794	-32.416489	-0.647985
-0.006077	-0.146390	-85.216444	
0.42256	-16.690794	-32.416489	-0.647985
-0.006077	-0.371433	-125.021863	
0.56342	-16.690794	-32.416489	-0.647985
-0.006077	-0.596397	-185.972127	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.162715	134.521081	0.634070
0.005515	0.362519	117.674010	
0.14085	6.162715	134.521081	0.634070
0.005515	0.137654	123.737853	
0.28171	6.162715	134.521081	0.634070
0.005515	0.227783	131.530780	
0.42256	6.162715	134.521081	0.634070
0.005515	0.559024	152.921043	
0.56342	6.162715	134.521081	0.634070
0.005515	0.906538	183.780835	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.397187	-78.812977	-0.828610
-0.004265	-0.484929	-12.158036	
0.14085	-14.397187	-78.812977	-0.828610
-0.004265	-0.137654	-45.816446	
0.28171	-14.397187	-78.812977	-0.828610
-0.004265	-0.174258	-80.467269	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2227

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-14.397187	-78.812977	-0.828610
-0.004265	-0.440306	-117.022843	
0.56342	-14.397187	-78.812977	-0.828610
-0.004265	-0.706245	-167.924851	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.954865	115.884436	0.769632
0.004621	0.437733	100.721424	
0.14085	7.954865	115.884436	0.769632
0.004621	0.173217	104.377747	
0.28171	7.954865	115.884436	0.769632
0.004621	0.250344	112.539606	
0.42256	7.954865	115.884436	0.769632
0.004621	0.618631	132.781343	
0.56342	7.954865	115.884436	0.769632
0.004621	1.000422	162.631138	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.466475	-81.472630	-0.910338
-0.004038	-0.527921	-33.026413	
0.14085	-12.466475	-81.472630	-0.910338
-0.004038	-0.146264	-55.156854	
0.28171	-12.466475	-81.472630	-0.910338
-0.004038	-0.211920	-78.531761	
0.42256	-12.466475	-81.472630	-0.910338
-0.004038	-0.534811	-104.952799	
0.56342	-12.466475	-81.472630	-0.910338
-0.004038	-0.857607	-144.276720	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.458869	63.746982	0.103415
0.005241	0.064206	129.527356	
0.14085	3.458869	63.746982	0.103415
0.005241	0.033303	121.761681	
0.28171	3.458869	63.746982	0.103415
0.005241	0.086773	114.160857	
0.42256	3.458869	63.746982	0.103415
0.005241	0.198490	121.576616	
0.56342	3.458869	63.746982	0.103415
0.005241	0.330228	140.163429	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.289856	-49.621607	-0.314110
-0.005081	-0.198214	-2.765928	
0.14085	-4.289856	-49.621607	-0.314110
-0.005081	-0.066832	-2.121544	
0.28171	-4.289856	-49.621607	-0.314110
-0.005081	-0.028663	-1.590594	
0.42256	-4.289856	-49.621607	-0.314110
-0.005081	-0.072101	-3.415286	
0.56342	-4.289856	-49.621607	-0.314110
-0.005081	-0.115461	-22.936387	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.888815	60.759028	0.330467
0.005076	0.191022	133.841384	
0.14085	7.888815	60.759028	0.330467
0.005076	0.063968	139.417844	
0.28171	7.888815	60.759028	0.330467
0.005076	0.160990	148.645874	
0.42256	7.888815	60.759028	0.330467
0.005076	0.386943	172.099197	
0.56342	7.888815	60.759028	0.330467
0.005076	0.631557	206.453781	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.572634	-87.374703	-0.583288
-0.005121	-0.348518	-13.009111	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2228

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.572634	-87.374703	-0.583288
-0.005121	-0.104189	-9.545339	
0.28171	-4.572634	-87.374703	-0.583288
-0.005121	-0.091811	-6.716730	
0.42256	-4.572634	-87.374703	-0.583288
-0.005121	-0.230519	-8.072767	
0.56342	-4.572634	-87.374703	-0.583288
-0.005121	-0.369123	-27.119848	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.605822	116.545288	0.575497
0.004507	0.328167	128.561496	
0.14085	7.605822	116.545288	0.575497
0.004507	0.094933	120.943597	
0.28171	7.605822	116.545288	0.575497
0.004507	0.210263	132.784986	
0.42256	7.605822	116.545288	0.575497
0.004507	0.517730	157.837243	
0.56342	7.605822	116.545288	0.575497
0.004507	0.838397	191.194089	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.283930	-84.951723	-0.764624
-0.003805	-0.445475	-17.027823	
0.14085	-11.283930	-84.951723	-0.764624
-0.003805	-0.124982	-17.434235	
0.28171	-11.283930	-84.951723	-0.764624
-0.003805	-0.158500	-45.539946	
0.42256	-11.283930	-84.951723	-0.764624
-0.003805	-0.399989	-76.998453	
0.56342	-11.283930	-84.951723	-0.764624
-0.003805	-0.641380	-121.256876	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.069677	102.172335	0.743587
0.003763	0.422030	111.439695	
0.14085	9.069677	102.172335	0.743587
0.003763	0.116953	103.067051	
0.28171	9.069677	102.172335	0.743587
0.003763	0.240971	111.172889	
0.42256	9.069677	102.172335	0.743587
0.003763	0.597597	131.464737	
0.56342	9.069677	102.172335	0.743587
0.003763	0.965227	159.028311	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.645225	-82.374813	-0.876578
-0.003668	-0.506296	-41.451155	
0.14085	-9.645225	-82.374813	-0.876578
-0.003668	-0.138723	-37.163172	
0.28171	-9.645225	-82.374813	-0.876578
-0.003668	-0.204996	-55.826423	
0.42256	-9.645225	-82.374813	-0.876578
-0.003668	-0.516962	-76.970855	
0.56342	-9.645225	-82.374813	-0.876578
-0.003668	-0.828852	-108.652709	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.320018	8.436301	0.416703
1.47E-05	0.234544	8.161975	
0.14085	4.320018	8.436301	0.416703
1.47E-05	0.059728	5.000940	
0.28171	4.320018	8.436301	0.416703
1.47E-05	0.104433	2.437859	
0.42256	4.320018	8.436301	0.416703
1.47E-05	0.264001	2.406432	
0.56342	4.320018	8.436301	0.416703
1.47E-05	0.423579	2.572067	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2229

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.251591	-16.484388	-0.380477
-0.000778	-0.214740	-44.391790	
0.14085	-0.251591	-16.484388	-0.380477
-0.000778	-0.055076	-37.917090	
0.28171	-0.251591	-16.484388	-0.380477
-0.000778	-0.115012	-31.582090	
0.42256	-0.251591	-16.484388	-0.380477
-0.000778	-0.289780	-25.294301	
0.56342	-0.251591	-16.484388	-0.380477
-0.000778	-0.464551	-19.043720	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.936785	14.026673	0.663225
0.000337	0.373250	15.229904	
0.14085	7.936785	14.026673	0.663225
0.000337	0.095472	13.083397	
0.28171	7.936785	14.026673	0.663225
0.000337	0.172427	16.891874	
0.42256	7.936785	14.026673	0.663225
0.000337	0.433588	24.661988	
0.56342	7.936785	14.026673	0.663225
0.000337	0.697874	33.532201	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.096028	-41.445838	-0.627320
-0.001531	-0.354647	-61.652323	
0.14085	-1.096028	-41.445838	-0.627320
-0.001531	-0.091549	-49.946609	
0.28171	-1.096028	-41.445838	-0.627320
-0.001531	-0.183314	-39.014375	
0.42256	-1.096028	-41.445838	-0.627320
-0.001531	-0.461493	-30.663222	
0.56342	-1.096028	-41.445838	-0.627320
-0.001531	-0.739657	-24.557993	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.110193	14.669989	0.690334
0.000496	0.387960	64.324439	
0.14085	11.110193	14.669989	0.690334
0.000496	0.099067	86.897934	
0.28171	11.110193	14.669989	0.690334
0.000496	0.224466	113.167517	
0.42256	11.110193	14.669989	0.690334
0.000496	0.565099	143.344254	
0.56342	11.110193	14.669989	0.690334
0.000496	0.906941	174.643272	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.136044	-93.310793	-0.815109
-0.001442	-0.460749	-55.932169	
0.14085	-1.136044	-93.310793	-0.815109
-0.001442	-0.118842	-46.393398	
0.28171	-1.136044	-93.310793	-0.815109
-0.001442	-0.191436	-37.352017	
0.42256	-1.136044	-93.310793	-0.815109
-0.001442	-0.481035	-30.153532	
0.56342	-1.136044	-93.310793	-0.815109
-0.001442	-0.770577	-25.100907	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.032930	93.650924	0.741878
0.004056	0.118359	133.461461	
0.14085	10.032930	93.650924	0.741878
0.004056	0.118359	113.522548	
0.28171	10.032930	93.650924	0.741878
0.004056	0.243048	116.533543	
0.42256	10.032930	93.650924	0.741878
0.004056	0.600680	133.215604	
0.56342	10.032930	93.650924	0.741878
0.004056	0.971368	159.214690	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2230

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.729597	-82.902745	-0.883870
-0.004328	-0.512532	-50.077051	
0.14085	-7.729597	-82.902745	-0.883870
-0.004328	-0.142012	-40.553392	
0.28171	-7.729597	-82.902745	-0.883870
-0.004328	-0.204732	-46.319516	
0.42256	-7.729597	-82.902745	-0.883870
-0.004328	-0.515991	-59.861185	
0.56342	-7.729597	-82.902745	-0.883870
-0.004328	-0.827119	-85.780804	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.430484	67.501326	0.658563
0.000988	0.370517	2.392497	
0.14085	0.430484	67.501326	0.658563
0.000988	0.152242	2.270971	
0.28171	0.430484	67.501326	0.658563
0.000988	0.157412	4.111865	
0.42256	0.430484	67.501326	0.658563
0.000988	0.398175	8.365292	
0.56342	0.430484	67.501326	0.658563
0.000988	0.639865	13.535346	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.542511	-13.172598	-0.575087
-4.23E-06	-0.323990	-34.673156	
0.14085	-9.542511	-13.172598	-0.575087
-4.23E-06	-0.082873	-59.159840	
0.28171	-9.542511	-13.172598	-0.575087
-4.23E-06	-0.181911	-83.850365	
0.42256	-9.542511	-13.172598	-0.575087
-4.23E-06	-0.458149	-110.892754	
0.56342	-9.542511	-13.172598	-0.575087
-4.23E-06	-0.734368	-138.889333	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.319197	157.761596	0.819420
0.007479	0.488734	127.809133	
0.14085	2.319197	157.761596	0.819420
0.007479	0.148467	102.495147	
0.28171	2.319197	157.761596	0.819420
0.007479	0.276840	78.468272	
0.42256	2.319197	157.761596	0.819420
0.007479	0.677284	74.562064	
0.56342	2.319197	157.761596	0.819420
0.007479	1.100739	85.360762	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.748716	-34.722146	-1.010067
-0.006113	-0.595658	-26.065119	
0.14085	-15.748716	-34.722146	-1.010067
-0.006113	-0.174079	-55.615894	
0.28171	-15.748716	-34.722146	-1.010067
-0.006113	-0.224519	-85.818067	
0.42256	-15.748716	-34.722146	-1.010067
-0.006113	-0.567304	-121.651071	
0.56342	-15.748716	-34.722146	-1.010067
-0.006113	-0.910159	-184.387421	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.979817	130.525858	1.003250
0.005649	0.582811	132.046969	
0.14085	5.979817	130.525858	1.003250
0.005649	0.164504	133.707496	
0.28171	5.979817	130.525858	1.003250
0.005649	0.355391	136.780442	
0.42256	5.979817	130.525858	1.003250
0.005649	0.877172	154.647674	
0.56342	5.979817	130.525858	1.003250
0.005649	1.415846	183.140714	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2231

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.699271	-74.942589	-1.284787
-0.004483	-0.741327	-24.680373	
0.14085	-13.699271	-74.942589	-1.284787
-0.004483	-0.203818	-52.572479	
0.28171	-13.699271	-74.942589	-1.284787
-0.004483	-0.274746	-81.028384	
0.42256	-13.699271	-74.942589	-1.284787
-0.004483	-0.694706	-113.918284	
0.56342	-13.699271	-74.942589	-1.284787
-0.004483	-1.115578	-166.092615	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.579335	113.726273	1.228954
0.004730	0.706163	114.142787	
0.14085	7.579335	113.726273	1.228954
0.004730	0.192649	113.747465	
0.28171	7.579335	113.726273	1.228954
0.004730	0.410484	116.961206	
0.42256	7.579335	113.726273	1.228954
0.004730	1.018746	134.226216	
0.56342	7.579335	113.726273	1.228954
0.004730	1.640955	162.296426	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.928675	-79.877296	-1.483840
-0.004147	-0.849799	-44.708455	
0.14085	-11.928675	-79.877296	-1.483840
-0.004147	-0.228700	-61.502485	
0.28171	-11.928675	-79.877296	-1.483840
-0.004147	-0.336618	-80.028367	
0.42256	-11.928675	-79.877296	-1.483840
-0.004147	-0.851996	-103.785178	
0.56342	-11.928675	-79.877296	-1.483840
-0.004147	-1.367729	-145.122879	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.663241	53.240681	0.152651
0.004440	0.103986	130.172318	
0.14085	3.663241	53.240681	0.152651
0.004440	0.042585	125.621811	
0.28171	3.663241	53.240681	0.152651
0.004440	0.130587	121.159428	
0.42256	3.663241	53.240681	0.152651
0.004440	0.309945	128.681418	
0.56342	3.663241	53.240681	0.152651
0.004440	0.504675	145.936471	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.583707	-47.360231	-0.465752
-0.004283	-0.279441	-3.696971	
0.14085	-3.583707	-47.360231	-0.465752
-0.004283	-0.084840	-21.006841	
0.28171	-3.583707	-47.360231	-0.465752
-0.004283	-0.042090	-1.787918	
0.42256	-3.583707	-47.360231	-0.465752
-0.004283	-0.105333	-3.144857	
0.56342	-3.583707	-47.360231	-0.465752
-0.004283	-0.168704	-22.806577	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.411002	52.880334	0.556980
0.004423	0.329926	138.744313	
0.14085	7.411002	52.880334	0.556980
0.004423	0.098027	145.084114	
0.28171	7.411002	52.880334	0.556980
0.004423	0.255248	154.855508	
0.42256	7.411002	52.880334	0.556980
0.004423	0.623312	176.908501	
0.56342	7.411002	52.880334	0.556980
0.004423	1.005730	208.285693	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2232

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.032127	-81.236344	-0.913844
-0.004431	-0.530776	-13.530852	
0.14085	-4.032127	-81.236344	-0.913844
-0.004431	-0.148161	-9.840889	
0.28171	-4.032127	-81.236344	-0.913844
-0.004431	-0.152041	-8.004179	
0.42256	-4.032127	-81.236344	-0.913844
-0.004431	-0.385421	-9.039260	
0.56342	-4.032127	-81.236344	-0.913844
-0.004431	-0.618964	-28.193726	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.304036	105.205773	0.902859
0.003723	0.518638	135.158481	
0.14085	7.304036	105.205773	0.902859
0.003723	0.141598	125.485761	
0.28171	7.304036	105.205773	0.902859
0.003723	0.347338	137.707763	
0.42256	7.304036	105.205773	0.902859

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 0.003723     0.861387   162.209795
0.56342      7.304036   105.205773     0.902859
 0.003723     1.385506   193.913141

COMB DL-G2-3 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000   -10.073066   -81.540816   -1.250091
-0.003067    -0.712984   -19.787912
0.14085   -10.073066   -81.540816   -1.250091
-0.003067    -0.189795   -18.343588
0.28171   -10.073066   -81.540816   -1.250091
-0.003067    -0.246685   -42.047994
0.42256   -10.073066   -81.540816   -1.250091
-0.003067    -0.625304   -70.679388
0.56342   -10.073066   -81.540816   -1.250091
-0.003067    -1.004195  -112.184401

COMB DL-G2-4 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     8.842789     94.481690     1.152824
 0.003107    0.657533   119.562208
0.14085     8.842789     94.481690     1.152824
 0.003107    0.175096   108.664575
0.28171     8.842789     94.481690     1.152824
 0.003107    0.417277   115.699660
0.42256     8.842789     94.481690     1.152824
 0.003107    1.039596   135.072125
0.56342     8.842789     94.481690     1.152824
 0.003107    1.670428   161.191318

COMB DL-G2-4 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -8.659729    -82.185942   -1.504433
-0.003015    -0.854679   -47.549493
0.14085    -8.659729    -82.185942   -1.504433
-0.003015    -0.224552   -40.631038
0.28171    -8.659729    -82.185942   -1.504433
-0.003015    -0.314803   -54.302383
0.42256    -8.659729    -82.185942   -1.504433
-0.003015    -0.798809   -73.745222
0.56342    -8.659729    -82.185942   -1.504433
-0.003015    -1.282409  -104.287001

COMB DL-G3-1 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     4.531243     11.517534     0.614375
 1.10E-05    0.344730    12.692098
0.14085     4.531243     11.517534     0.614375
 1.10E-05    0.087084     8.209390
0.28171     4.531243     11.517534     0.614375
 1.10E-05    0.209445     4.066663
0.42256     4.531243     11.517534     0.614375
 1.10E-05    0.526261     2.958670
0.56342     4.531243     11.517534     0.614375
 1.10E-05    0.843271     3.066276
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2233

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -0.272517   -19.916691   -0.755487
-0.000736    -0.423924   -51.803387
0.14085    -0.272517   -19.916691   -0.755487
-0.000736    -0.107173   -43.834803
0.28171    -0.272517   -19.916691   -0.755487
-0.000736    -0.167897   -35.986582
0.42256    -0.272517   -19.916691   -0.755487
-0.000736    -0.426633   -30.391681
0.56342    -0.272517   -19.916691   -0.755487
-0.000736    -0.684351   -25.911276

COMB DL-G3-2 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     7.768835     17.277474     1.053552
 0.000270    0.591104    19.751935
0.14085     7.768835     17.277474     1.053552
 0.000270    0.149293    16.763850
0.28171     7.768835     17.277474     1.053552
 0.000270    0.334778    19.095593
0.42256     7.768835     17.277474     1.053552
 0.000270    0.520441    26.079301
0.56342     7.768835     17.277474     1.053552
 0.000270    1.346633    35.834464

COMB DL-G3-2 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -1.194383    -46.073569    -1.206753
-0.001328    -0.677925   -69.846913
0.14085    -1.194383    -46.073569    -1.206753
-0.001328    -0.172443   -55.697248
0.28171    -1.194383    -46.073569    -1.206753
-0.001328    -0.286955   -44.522456
0.42256    -1.194383    -46.073569    -1.206753
-0.001328    -0.732227   -37.124554
0.56342    -1.194383    -46.073569    -1.206753
-0.001328    -1.174338   -32.544365

COMB DL-G3-3 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     10.771730     14.793418     1.082048
 6.81E-05    0.605574    75.241965
0.14085     10.771730     14.793418     1.082048
 6.81E-05    0.151936    95.164765
0.28171     10.771730     14.793418     1.082048
 6.81E-05    0.398760   118.687475
0.42256     10.771730     14.793418     1.082048
 6.81E-05    0.998370   146.376980
0.56342     10.771730     14.793418     1.082048
 6.81E-05    1.598247   175.364586

COMB DL-G3-3 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -1.023686    -91.417496    -1.430088
-0.000943    -0.801528   -63.660372
0.14085    -1.023686    -91.417496    -1.430088
-0.000943    -0.302313   -52.538391
0.28171    -1.023686    -91.417496    -1.430088
-0.000943    -0.296052   -42.242018
0.42256    -1.023686    -91.417496    -1.430088
-0.000943    -0.750971   -35.707874
0.56342    -1.023686    -91.417496    -1.430088
-0.000943    -1.205661   -31.026148

COMB DL-G3-4 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     9.949530     84.539127     1.136849
 0.003022    0.648382   132.867737
0.14085     9.949530     84.539127     1.136849
 0.003022    0.172860   121.232790
0.28171     9.949530     84.539127     1.136849
 0.003022    0.434628   123.319864
0.42256     9.949530     84.539127     1.136849
 0.003022    1.081249   140.286661
0.56342     9.949530     84.539127     1.136849
 0.003022    1.736780   164.992627
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2234

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -6.735925    -83.453053   -1.563521
-0.003279    -0.887717   -57.869326
0.14085    -6.735925    -83.453053   -1.563521
-0.003279    -0.233127   -46.082403
0.28171    -6.735925    -83.453053   -1.563521
-0.003279    -0.310441   -48.194704
0.42256    -6.735925    -83.453053   -1.563521
-0.003279    -0.787803   -60.073656
0.56342    -6.735925    -83.453053   -1.563521
-0.003279    -1.264992   -84.603388

COMB      DB ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     11.110193     164.991905     0.769632
 0.007542    0.437733   133.841384
0.14085     11.110193     164.991905     0.769632
 0.007542    0.123217   139.417844
0.28171     11.110193     164.991905     0.769632
 0.007542    0.250344   148.645874
0.42256     11.110193     164.991905     0.769632
 0.007542    0.618631   172.099197
0.56342     11.110193     164.991905     0.769632
 0.007542    1.000422   206.453781

COMB      DB ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -16.690794    -93.310793   -0.910338
-0.006077    -0.527921   -61.652323
0.14085    -16.690794    -93.310793   -0.910338
-0.006077    -0.146264   -55.156854
0.28171    -16.690794    -93.310793   -0.910338
-0.006077    -0.211920   -85.216444
0.42256    -16.690794    -93.310793   -0.910338
-0.006077    -0.534811   -125.021863
0.56342    -16.690794    -93.310793   -0.910338
-0.006077    -0.857607   -185.972127

COMB      DL ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     10.771730     157.761596     1.228954
 0.007479    0.706163   138.744313
0.14085     10.771730     157.761596     1.228954
 0.007479    0.192649   145.084114
0.28171     10.771730     157.761596     1.228954
 0.007479    0.434628   154.855508
0.42256     10.771730     157.761596     1.228954
 0.007479    1.081249   176.908501
0.56342     10.771730     157.761596     1.228954
 0.007479    1.736780   208.285693

COMB      DL ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000   -15.748716    -91.417496   -1.563521
-0.006113    -0.887717   -69.846913
0.14085   -15.748716    -91.417496   -1.563521
-0.006113    -0.233127   -61.502485
0.28171   -15.748716    -91.417496   -1.563521
-0.006113    -0.336618   -85.818067
0.42256   -15.748716    -91.417496   -1.563521
-0.006113    -0.851896   -125.021863
0.56342   -15.748716    -91.417496   -1.563521
-0.006113    -1.367729  -184.387421

COMB      CAR ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     11.110193     164.991905     1.228954
 0.007542    0.706163   138.744313
0.14085     11.110193     164.991905     1.228954
 0.007542    0.192649   145.084114
0.28171     11.110193     164.991905     1.228954
 0.007542    0.434628   154.855508
0.42256     11.110193     164.991905     1.228954
 0.007542    1.081249   176.908501
0.56342     11.110193     164.991905     1.228954
 0.007542    1.736780   208.285693
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2235

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -16.690794    -93.310793   -1.563521
-0.006113    -0.887717   -69.846913
0.14085    -16.690794    -93.310793   -1.563521
-0.006113    -0.233127   -61.502485
0.28171    -16.690794    -93.310793   -1.563521
-0.006113    -0.336618   -85.818067
0.42256    -16.690794    -93.310793   -1.563521
-0.006113    -0.851896   -125.021863
0.56342    -16.690794    -93.310793   -1.563521
-0.006113    -1.367729  -185.972127

COMB    DESIGN ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.00000     11.110193     164.991905     1.228954
 0.007542    0.706163   138.744313
0.14085     11.110193     164.991905     1.228954
 0.007542    0.192649   145.084114
0.28171     11.110193     164.991905     1.228954
 0.007542    0.434628   154.855508
0.42256     11.110193     164.991905     1.228954
 0.007542    1.081249   176.908501
0.56342     11.110193     164.991905     1.228954
 0.007542    1.736780   208.285693

COMB    DESIGN ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.00000    -16.690794    -93.310793   -1.563521
-0.006113    -0.887717   -69.846913
0.14085    -16.690794    -93.310793   -1.563521
-0.006113    -0.233127   -61.502485
0.28171    -16.690794    -93.310793   -1.563521
-0.006113    -0.336618   -85.818067
0.42256    -16.690794    -93.310793   -1.563521
-0.006113    -0.851896   -125.021863
0.56342    -16.690794    -93.310793   -1.563521
-0.006113    -1.367729  -185.972127

ELEM      198 ================== LENGTH
=     2.977743

COMB DB-G1-1 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     0.297996     74.120520     0.417701
 0.000828    0.467160   102.790767
0.57743     0.297996     74.120520     0.417701
 0.000828    0.291961    71.766428
0.71829     0.297996     74.120520     0.417701
 0.000828    0.116756    40.830005
0.85914     0.297996     74.120520     0.417701
 0.000828    0.055472    10.193580
1.00000     0.297996     74.120520     0.417701
 0.000828    0.219977     2.135417

COMB DB-G1-1 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657   -10.420476    -5.780371    -0.392161
-0.000499    -0.437971   -13.240949
0.57743   -10.420476    -5.780371    -0.392161
-0.000499    -0.273488   -10.978995
0.71829   -10.420476    -5.780371    -0.392161
-0.000499    -0.109054    -9.083162
0.85914   -10.420476    -5.780371    -0.392161
-0.000499    -0.056435    -7.350073
1.00000   -10.420476    -5.780371    -0.392161
-0.000499    -0.233656   -22.729318

COMB DB-G1-2 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     4.582972     105.138928     0.540049
 0.007139    0.604134   195.664012
0.57743     4.582972     105.138928     0.540049
 0.007139    0.377618   156.303745
0.71829     4.582972     105.138928     0.540049
 0.007139    0.151034   129.145059
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2236

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST              P              V2              V3
       T              M2             M3
0.85914     4.582972     105.138928     0.540049
 0.007139    0.108760   119.632456
1.00000     4.582972     105.138928     0.540049
 0.007139    0.351071   122.358414

COMB DB-G1-2 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657   -13.179636    -87.449036   -0.578891
-0.006745    -0.622522   -39.850622
0.57743   -13.179636    -87.449036   -0.578891
-0.006745    -0.383245   -17.840544
0.71829   -13.179636    -87.449036   -0.578891
-0.006745    -0.160443   -13.417807
0.85914   -13.179636    -87.449036   -0.578891
-0.006745    -0.107460   -10.730455
1.00000   -13.179636    -87.449036   -0.578891
-0.006745    -0.321208   -10.617932

COMB DB-G1-3 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     7.771464     94.586195     0.631234
 0.005343    0.705382   183.176202
0.57743     7.771464     94.586195     0.631234
 0.005343    0.440611   148.240212
0.71829     7.771464     94.586195     0.631234
 0.005343    0.175767   122.468432
0.85914     7.771464     94.586195     0.631234
 0.005343    0.107056   111.282111
1.00000     7.771464     94.586195     0.631234
 0.005343    0.375852   122.242156

COMB DB-G1-3 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657   -12.113053   -115.106095   -0.644392
-0.005077    -0.706634   -82.539034
0.57743   -12.113053   -115.106095   -0.644392
-0.005077    -0.436655   -43.477692
0.71829   -12.113053   -115.106095   -0.644392
-0.005077    -0.181930   -15.279977
0.85914   -12.113053   -115.106095   -0.644392
-0.005077    -0.105964   -10.891859
1.00000   -12.113053   -115.106095   -0.644392
-0.005077    -0.366825    -9.573955

COMB DB-G1-4 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     9.428376     80.803828     0.753831
 0.004466    0.842360   158.012125
0.57743     9.428376     80.803828     0.753831
 0.004466    0.526169   128.060019
0.71829     9.428376     80.803828     0.753831
 0.004466    0.209879   105.700287
0.85914     9.428376     80.803828     0.753831
 0.004466    0.118842    95.501212
1.00000     9.428376     80.803828     0.753831
 0.004466    0.431983   103.759305

COMB DB-G1-4 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657   -10.702321   -112.942593   -0.749010
-0.004383    -0.744892   -118.789307
0.57743   -10.702321   -112.942593   -0.749010
-0.004383    -0.513537   -79.396827
0.71829   -10.702321   -112.942593   -0.749010
-0.004383    -0.210609   -49.400723
0.85914   -10.702321   -112.942593   -0.749010
-0.004383    -0.120314   -39.548082
1.00000   -10.702321   -112.942593   -0.749010
-0.004383    -0.433263   -31.869029

COMB DB-G2-1 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     5.620341     9.087298     0.102811
 0.005452    0.114687    49.524332
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2237

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST              P              V2              V3
       T              M2             M3
0.57743     5.620341     9.087298     0.102811
 0.005452    0.071565    50.840778
0.71829     5.620341     9.087298     0.102811
 0.005452    0.028396    62.927427
0.85914     5.620341     9.087298     0.102811
 0.005452    0.046074    92.776127
1.00000     5.620341     9.087298     0.102811
 0.005452    0.121631   133.287406

COMB DB-G2-1 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -0.743398    -99.512562    -0.181488
-0.005446    -0.184407   -41.262699
0.57743    -0.743398    -99.512562    -0.181488
-0.005446    -0.111019   -11.882346
0.71829    -0.743398    -99.512562    -0.181488
-0.005446    -0.051453    -3.350879
0.85914    -0.743398    -99.512562    -0.181488
-0.005446    -0.035136    -2.702358
1.00000    -0.743398    -99.512562    -0.181488
-0.005446    -0.073933    -2.078553

COMB DB-G2-2 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     9.897700     8.820712     0.319282
 0.005271    0.356224    50.561880
0.57743     9.897700     8.820712     0.319282
 0.005271    0.222296    52.221092
0.71829     9.897700     8.820712     0.319282
 0.005271    0.088264    64.289758
0.85914     9.897700     8.820712     0.319282
 0.005271    0.069592    92.986884
1.00000     9.897700     8.820712     0.319282
 0.005271    0.220013   138.817116

COMB DB-G2-2 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -1.427599   -134.522587   -0.362141
-0.005385    -0.389116   -99.877537
0.57743    -1.427599   -134.522587   -0.362141
-0.005385    -0.239846   -54.236765
0.71829    -1.427599   -134.522587   -0.362141
-0.005385    -0.103442   -21.552506
0.85914    -1.427599   -134.522587   -0.362141
-0.005385    -0.065109   -15.661947
1.00000    -1.427599   -134.522587   -0.362141
-0.005385    -0.194501   -11.530315

COMB DB-G2-3 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     9.033709     83.045196     0.567102
 0.004296    0.633563   192.148464
0.57743     9.033709     83.045196     0.567102
 0.004296    0.395674   161.550794
0.71829     9.033709     83.045196     0.567102
 0.004296    0.157695   138.609217
0.85914     9.033709     83.045196     0.567102
 0.004296    0.093913   128.421576
1.00000     9.033709     83.045196     0.567102
 0.004296    0.335549   134.262507

COMB DB-G2-3 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -9.489638   -115.275470   -0.578591
-0.004172    -0.636327   -97.054587
0.57743    -9.489638   -115.275470   -0.578591
-0.004172    -0.395516   -56.397280
0.71829    -9.489638   -115.275470   -0.578591
-0.004172    -0.163824   -25.590054
0.85914    -9.489638   -115.275470   -0.578591
-0.004172    -0.093765   -19.166974
1.00000    -9.489638   -115.275470   -0.578591
-0.004172    -0.324537   -14.200092
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2238

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     10.478456     71.835467     0.721314
 0.003590    0.805953   167.473717
0.57743     10.478456     71.835467     0.721314
 0.003590    0.503378   140.883325
0.71829     10.478456     71.835467     0.721314
 0.003590    0.200746   120.715038
0.85914     10.478456     71.835467     0.721314
 0.003590    0.110619   111.173855
1.00000     10.478456     71.835467     0.721314
 0.003590    0.408461   115.005231

COMB DB-G2-4 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -8.073338   -109.487526   -0.712308
-0.003642    -0.787571   -132.682115
0.57743    -8.073338   -109.487526   -0.712308
-0.003642    -0.490373    -93.269799
0.71829    -8.073338   -109.487526   -0.712308
-0.003642    -0.200765    -61.865393
0.85914    -8.073338   -109.487526   -0.712308
-0.003642    -0.113147    -50.960942
1.00000    -8.073338   -109.487526   -0.712308
-0.003642    -0.413140    -41.414320

COMB DB-G3-1 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     4.712866     4.652125     0.393069
 1.13E-05    0.439305    13.342043
0.57743     4.712866     4.652125     0.393069
 1.13E-05    0.274438    11.395853
0.71829     4.712866     4.652125     0.393069
 1.13E-05    0.109567     9.462025
0.85914     4.712866     4.652125     0.393069
 1.13E-05    0.050976     7.566006
1.00000     4.712866     4.652125     0.393069
 1.13E-05    0.204211     5.757174

COMB DB-G3-1 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -0.071057   -19.087394   -0.365033
-0.000214    -0.408821   -80.282484
0.57743    -0.071057   -19.087394   -0.365033
-0.000214    -0.255118   -72.528966
0.71829    -0.071057   -19.087394   -0.365033
-0.000214    -0.102016   -64.622776
0.85914    -0.071057   -19.087394   -0.365033
-0.000214    -0.055256   -56.724860
1.00000    -0.071057   -19.087394   -0.365033
-0.000214    -0.220183   -48.850135

COMB DB-G3-2 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     8.495048     6.422163     0.627029
 0.000299    0.700598   18.307766
0.57743     8.495048     6.422163     0.627029
 0.000299    0.437609   15.758981
0.71829     8.495048     6.422163     0.627029
 0.000299    0.174560   13.839345
0.85914     8.495048     6.422163     0.627029
 0.000299    0.082848    12.650650
1.00000     8.495048     6.422163     0.627029
 0.000299    0.327946   12.384635

COMB DB-G3-2 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -1.027119    -46.903021   -0.584040
-0.000660    -0.651949   -136.510925
0.57743    -1.027119    -46.903021   -0.584040
-0.000660    -0.407097   -117.768403
0.71829    -1.027119    -46.903021   -0.584040
-0.000660    -0.162740   -100.070014
0.85914    -1.027119    -46.903021   -0.584040
-0.000660    -0.089091    -82.591553
1.00000    -1.027119    -46.903021   -0.584040
-0.000660    -0.352012    -66.073634
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2239

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST              P              V2              V3
       T              M2             M3
0.43657     11.521176     6.406813     0.655378
 0.000724    0.737744   35.617382
0.57743     11.521176     6.406813     0.655378
 0.000724    0.456846   35.105497
0.71829     11.521176     6.406813     0.655378
 0.000724    0.181880   36.508263
0.85914     11.521176     6.406813     0.655378
 0.000724    0.087870   42.949811
1.00000     11.521176     6.406813     0.655378
 0.000724    0.352432   65.474849

COMB DB-G3-3 ------------------- MIN

REL DIST              P              V2              V3
       T              M2             M3
0.43657    -0.801211    -99.093129   -0.632268
-0.001060    -0.708671   -161.934644
0.57743    -0.801211    -99.093129   -0.632268
-0.001060    -0.443710   -121.302301
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0.71829    -0.801211   -99.093129    -0.632268
-0.001060   -0.179623   -83.681262
0.85914    -0.801211   -99.093129    -0.632268
-0.001060   -0.094155   -70.799267
1.00000    -0.801211   -99.093129    -0.632268
-0.001060   -0.368838   -59.268171

COMB DB-G3-4 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    11.827257    55.985877    0.714087
 0.003914    0.797836   147.763248
0.57743    11.827257    55.985877    0.714087
 0.003914    0.498344   128.154198
0.71829    11.827257    55.985877    0.714087
 0.003914    0.198713   115.916287
0.85914    11.827257    55.985877    0.714087
 0.003914    0.112449   115.603960
1.00000    11.827257    55.985877    0.714087
 0.003914    0.409491   128.520683

COMB DB-G3-4 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -5.593293  -116.514866   -0.710482
-0.004033   -0.783615  -147.483842
0.57743   -5.593293  -116.514866   -0.710482
-0.004033   -0.487456  -106.199858
0.71829   -5.593293  -116.514866   -0.710482
-0.004033   -0.200299   -74.139071
0.85914   -5.593293  -116.514866   -0.710482
-0.004033   -0.114335   -62.344160
1.00000   -5.593293  -116.514866   -0.710482
-0.004033   -0.410788   -51.861642

COMB DL-G1-1 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    0.383135    73.533740    0.651170
 0.000697    0.723997    99.221220
0.57743    0.383135    73.533740    0.651170
 0.000697    0.450923    66.581045
0.71829    0.383135    73.533740    0.651170
 0.000697    0.177503    38.278603
0.85914    0.383135    73.533740    0.651170
 0.000697    0.074151    9.317560
1.00000    0.383135    73.533740    0.651170
 0.000697    0.290727    2.409327

COMB DL-G1-1 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -10.806338   -8.472596   -0.518527
-0.000384   -0.577454   -22.473650
0.57743   -10.806338   -8.472596   -0.518527
-0.000384   -0.359472   -19.102840
0.71829   -10.806338   -8.472596   -0.518527
-0.000384   -0.142287   -16.205983
0.85914   -10.806338   -8.472596   -0.518527
-0.000384   -0.094827   -14.485034
1.00000   -10.806338   -8.472596   -0.518527
-0.000384   -0.356421   -33.733245
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2240

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    5.729898   102.789846    0.813714
 0.006985    0.885182   198.246935
0.57743    5.729898   102.789846    0.813714
 0.006985    0.549886   160.657244
0.71829    5.729898   102.789846    0.813714
 0.006985    0.220053   136.246262
0.85914    5.729898   102.789846    0.813714
 0.006985    0.156200   127.141150
1.00000    5.729898   102.789846    0.813714
 0.006985    0.522186   131.891234

COMB DL-G1-2 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -13.153703   -87.489453   -0.876141
-0.006634   -0.946754   -55.597688
0.57743   -13.153703   -87.489453   -0.876141
-0.006634   -0.583742   -28.578319
0.71829   -13.153703   -87.489453   -0.876141
-0.006634   -0.237391   -22.239022
0.85914   -13.153703   -87.489453   -0.876141
-0.006634   -0.148714   -17.987132
1.00000   -13.153703   -87.489453   -0.876141
-0.006634   -0.489593   -23.678331

COMB DL-G1-3 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    8.295464    92.068691    0.955611
 0.005328    1.049485   182.484982
0.57743    8.295464    92.068691    0.955611
 0.005328    0.752535   149.857319
0.71829    8.295464    92.068691    0.955611
 0.005328    0.260078   128.458189
0.85914    8.295464    92.068691    0.955611
 0.005328    0.169865   125.267254
1.00000    8.295464    92.068691    0.955611
 0.005328    0.604887   138.512301

COMB DL-G1-3 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -12.132825  -112.011295   -1.041556
-0.005089   -1.141950   -77.974137
0.57743   -12.132825  -112.011295   -1.041556
-0.005089   -0.708134   -49.471288
0.71829   -12.132825  -112.011295   -1.041556
-0.005089   -0.286803   -26.357361
0.85914   -12.132825  -112.011295   -1.041556
-0.005089   -0.156865   -18.113108
1.00000   -12.132825  -112.011295   -1.041556
-0.005089   -0.558909   -21.756524

COMB DL-G1-4 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    9.722130    79.940864    1.151717
 0.004459    1.271181   161.292301
0.57743    9.722130    79.940864    1.151717
 0.004459    0.791292   132.758626
0.71829    9.722130    79.940864    1.151717
 0.004459    0.314511   113.564991
0.85914    9.722130    79.940864    1.151717
 0.004459    0.189988   109.475299
1.00000    9.722130    79.940864    1.151717
 0.004459    0.698031   119.032109

COMB DL-G1-4 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -10.829872  -112.848079   -1.214781
-0.004372   -1.339449  -130.138906
0.57743   -10.829872  -112.848079   -1.214781
-0.004372   -0.832528   -90.083982
0.71829   -10.829872  -112.848079   -1.214781
-0.004372   -0.335756   -62.923004
0.85914   -10.829872  -112.848079   -1.214781
-0.004372   -0.182080   -48.512272
1.00000   -10.829872  -112.848079   -1.214781
-0.004372   -0.664681   -43.804139
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2241

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    6.184201    9.605255    0.147672
 0.004567    0.149462   58.280245
0.57743    6.184201    9.605255    0.147672
 0.004567    0.071734   60.585103
0.71829    6.184201    9.605255    0.147672
 0.004567    0.038021   74.587839
0.85914    6.184201    9.605255    0.147672
 0.004567    0.074299   102.449463
1.00000    6.184201    9.605255    0.147672
 0.004567    0.225144   135.952016

COMB DL-G2-1 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -0.824426   -87.604213   -0.361457
-0.004559   -0.382055   -42.820378
0.57743   -0.824426   -87.604213   -0.361457
-0.004559   -0.233941   -14.853149
0.71829   -0.824426   -87.604213   -0.361457
-0.004559   -0.097079    -5.147633
0.85914   -0.824426   -87.604213   -0.361457
-0.004559   -0.042988    -4.085089
1.00000   -0.824426   -87.604213   -0.361457
-0.004559   -0.104734    -3.008186

COMB DL-G2-2 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    9.722094    9.777058    0.502823
 0.004526    0.546416   57.502114
0.57743    9.722094    9.777058    0.502823
 0.004526    0.339005   59.805176
0.71829    9.722094    9.777058    0.502823
 0.004526    0.136317   73.418875
0.85914    9.722094    9.777058    0.502823
 0.004526    0.118608   105.786731
1.00000    9.722094    9.777058    0.502823
 0.004526    0.407127   145.929348

COMB DL-G2-2 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -1.668479  -121.472828   -0.689674
-0.004608   -0.751502   -95.060811
0.57743   -1.668479  -121.472828   -0.689674
-0.004608   -0.465566   -52.805985
0.71829   -1.668479  -121.472828   -0.689674
-0.004608   -0.190698   -25.836288
0.85914   -1.668479  -121.472828   -0.689674
-0.004608   -0.091420   -17.201458
1.00000   -1.668479  -121.472828   -0.689674
-0.004608   -0.301435   -12.213342

COMB DL-G2-3 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    8.946106   81.578354    0.830945
 0.003421    0.917114  198.217098
0.57743    8.946106   81.578354    0.830945
 0.003421    0.570746  169.155929
0.71829    8.946106   81.578354    0.830945
 0.003421    0.227621  148.381282
0.85914    8.946106   81.578354    0.830945
 0.003421    0.154194  142.310438
1.00000    8.946106   81.578354    0.830945
 0.003421    0.569382  143.413596

COMB DL-G2-3 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -9.204822  -104.774022   -0.993051
-0.003277   -1.096654   -97.718242
0.57743   -9.204822  -104.774022   -0.993051
-0.003277   -0.681852   -60.232891
0.71829   -9.204822  -104.774022   -0.993051
-0.003277   -0.275342   -33.510689
0.85914   -9.204822  -104.774022   -0.993051
-0.003277   -0.131422   -23.852314
1.00000   -9.204822  -104.774022   -0.993051
-0.003277   -0.479057   -17.296268
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2242

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657   10.605714   72.424257    1.058747
 0.002859    1.173432  178.404323
0.57743   10.605714   72.424257    1.058747
 0.002859    0.731091  152.319742
0.71829   10.605714   72.424257    1.058747
 0.002859    0.290844  133.133251
0.85914   10.605714   72.424257    1.058747
 0.002859    0.184031  126.313941
1.00000   10.605714   72.424257    1.058747
 0.002859    0.697209  125.521793

COMB DL-G2-4 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -7.853189  -104.381324   -1.225873
-0.002870   -1.359332  -143.804228
0.57743   -7.853189  -104.381324   -1.225873
-0.002870   -0.846600  -105.535393
0.71829   -7.853189  -104.381324   -1.225873
-0.002870   -0.340381   -76.249470
0.85914   -7.853189  -104.381324   -1.225873
-0.002870   -0.159999   -61.074090
1.00000   -7.853189  -104.381324   -1.225873
-0.002870   -0.603580   -48.747948

COMB DL-G3-1 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    5.448806    7.849109    0.569985
8.47E-06    0.636857   23.699524
0.57743    5.448806    7.849109    0.569985
8.47E-06    0.397890   20.411460
0.71829    5.448806    7.849109    0.569985
8.47E-06    0.157661   17.131434
0.85914    5.448806    7.849109    0.569985
8.47E-06    0.093137   13.885311
1.00000    5.448806    7.849109    0.569985
8.47E-06    0.372061   10.726214

COMB DL-G3-1 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -0.093942  -24.301230   -0.664532
-0.000185   -0.742815   -98.172937
0.57743   -0.093942  -24.301230   -0.664532
-0.000185   -0.464095   -88.036342
0.71829   -0.093942  -24.301230   -0.664532
-0.000185   -0.185253   -77.933666
0.85914   -0.093942  -24.301230   -0.664532
-0.000185   -0.079045   -67.870025
1.00000   -0.093942  -24.301230   -0.664532
-0.000185   -0.318151   -57.877639

COMB DL-G3-2 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657    8.822725   10.442009    0.965149
 0.000230    1.077081   31.090970
0.57743    8.822725   10.442009    0.965149
 0.000230    0.672225   26.927068
0.71829    8.822725   10.442009    0.965149
 0.000230    0.266288   23.103614
0.85914    8.822725   10.442009    0.965149
 0.000230    0.144883   19.857128
1.00000    8.822725   10.442009    0.965149
 0.000230    0.576699   17.842511

COMB DL-G3-2 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -1.330732   -53.562069   -1.028998
-0.000520   -1.149705  -158.573194
0.57743   -1.330732   -53.562069   -1.028998
-0.000520   -0.718224  -136.637351
0.71829   -1.330732   -53.562069   -1.028998
-0.000520   -0.287149  -115.416512
0.85914   -1.330732   -53.562069   -1.028998
-0.000520   -0.135137   -95.143625
1.00000   -1.330732   -53.562069   -1.028998
-0.000520   -0.540192   -75.953937
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2243

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657   11.599112    9.700393    0.977280
 0.000353    1.090487   47.035243
0.57743   11.599112    9.700393    0.977280
 0.000353    0.680833   44.314255
0.71829   11.599112    9.700393    0.977280
 0.000353    0.269564   48.854565
0.85914   11.599112    9.700393    0.977280
 0.000353    0.162587   59.934745
1.00000   11.599112    9.700393    0.977280
 0.000353    0.648468   78.286234

COMB DL-G3-3 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -1.012612   -96.931632   -1.157589
-0.000631   -1.294928  -173.330651
0.57743   -1.012612   -96.931632   -1.157589
-0.000631   -0.809385  -135.505320
0.71829   -1.012612   -96.931632   -1.157589
-0.000631   -0.324569  -100.563293
0.85914   -1.012612   -96.931632   -1.157589
-0.000631   -0.136132   -83.558963
1.00000   -1.012612   -96.931632   -1.157589
-0.000631   -0.545258   -68.676813

COMB DL-G3-4 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657   12.210894   58.344449    1.043724
 0.002908    1.156671  164.701088
0.57743   12.210894   58.344449    1.043724
 0.002908    0.720937  144.761646
0.71829   12.210894   58.344449    1.043724
 0.002908    0.287075  132.257714
0.85914   12.210894   58.344449    1.043724
 0.002908    0.160855  131.348792
1.00000   12.210894   58.344449    1.043724
 0.002908    0.732686  138.400644

COMB DL-G3-4 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -5.507047  -109.460311   -1.286503
-0.002964   -1.426506  -161.275503
0.57743   -5.507047  -109.460311   -1.286503
-0.002964   -0.888543  -121.192920
0.71829   -5.507047  -109.460311   -1.286503
-0.002964   -0.357705   -90.825125
0.85914   -5.507047  -109.460311   -1.286503
-0.002964   -0.158238   -75.037892
1.00000   -5.507047  -109.460311   -1.286503
-0.002964   -0.595166   -61.184611

COMB     DB -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657   11.827257   105.138928    0.753831
 0.007139    0.842360   195.664012
0.57743   11.827257   105.138928    0.753831
 0.007139    0.526169   161.550794
0.71829   11.827257   105.138928    0.753831
 0.007139    0.209879   138.609217
0.85914   11.827257   105.138928    0.753831
 0.007139    0.118842   128.421576
1.00000   11.827257   105.138928    0.753831
 0.007139    0.431983   138.817116

COMB     DB -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -13.179636  -134.522587   -0.749010
-0.006745   -0.825792  -161.934644
0.57743   -13.179636  -134.522587   -0.749010
-0.006745   -0.513537  -125.302201
0.71829   -13.179636  -134.522587   -0.749010
-0.006745   -0.210609  -100.070014
0.85914   -13.179636  -134.522587   -0.749010
-0.006745   -0.120314   -82.591553
1.00000   -13.179636  -134.522587   -0.749010
-0.006745   -0.433263   -66.073634
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2244

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43657   12.210894   102.789846    1.151717
 0.006985    1.271181   198.246935
0.57743   12.210894   102.789846    1.151717
 0.006985    0.791292   169.155929
0.71829   12.210894   102.789846    1.151717
 0.006985    0.314511   148.381282
0.85914   12.210894   102.789846    1.151717
 0.006985    0.193545   142.310438
1.00000   12.210894   102.789846    1.151717
 0.006985    0.732686   145.929348

COMB     DL -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43657   -10.829872  -112.848079   -1.214781
-0.004372   -1.339449  -130.138906
0.57743   -10.829872  -112.848079   -1.214781
-0.004372   -0.832528   -90.083982
0.71829   -10.829872  -112.848079   -1.214781
-0.004372   -0.335756   -62.923004
0.85914   -10.829872  -112.848079   -1.214781
-0.004372   -0.182080   -48.512272
1.00000   -10.829872  -112.848079   -1.214781
-0.004372   -0.664681   -43.804139
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2245

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    199 ================== LENGTH
=     2.977803

COMB DB-G1-1 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    0.300802   73.623498    0.428162
 0.000700    0.242027    2.135616
0.14086    0.300802   73.623498    0.428162
 0.000700    0.062422    2.766043
0.28172    0.300802   73.623498    0.428162
 0.000700    0.109354    3.409638
0.42258    0.300802   73.623498    0.428162
 0.000700    0.276452    4.378866
0.56344    0.300802   73.623498    0.428162
 0.000700    0.443559    6.465037

COMB DB-G1-1 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -10.371675   -5.748305   -0.398394
-0.000362   -0.224869   -22.762886
0.14086   -10.371675   -5.748305   -0.398394
-0.000362   -0.057752   -53.305718
0.28172   -10.371675   -5.748305   -0.398394
-0.000362   -0.117172   -84.098575
0.42258   -10.371675   -5.748305   -0.398394
-0.000362   -0.296771  -114.900580
0.56344   -10.371675   -5.748305   -0.398394
-0.000362   -0.476364  -145.734106

COMB DB-G1-2 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    2.043008  169.949763    0.554814
 0.007071    0.331782  122.713147
0.14086    2.043008  169.949763    0.554814
 0.007071    0.105739   97.976636
0.28172    2.043008  169.949763    0.554814
 0.007071    0.161621   73.452967
0.42258    2.043008  169.949763    0.554814
 0.007071    0.385802   67.542041
0.56344    2.043008  169.949763    0.554814
 0.007071    0.633904   74.416371

COMB DB-G1-2 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -17.344118   -26.953310   -0.591591
-0.006585   -0.360457   -10.655128
0.14086   -17.344118   -26.953310   -0.591591
-0.006585   -0.112666   -49.455679
0.28172   -17.344118   -26.953310   -0.591591
-0.006585   -0.151579   -88.438558
0.42258   -17.344118   -26.953310   -0.591591
-0.006585   -0.384365  -129.405083
0.56344   -17.344118   -26.953310   -0.591591
-0.006585   -0.617082  -191.847988

COMB DB-G1-3 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    6.137192   138.513106    0.640966
 0.005133    0.373579   125.455095
0.14086    6.137192   138.513106    0.640966
 0.005133    0.109241   128.843033
0.28172    6.137192   138.513106    0.640966
 0.005133    0.186169   135.267464
0.42258    6.137192   138.513106    0.640966
 0.005133    0.455933   154.555565
0.56344    6.137192   138.513106    0.640966
 0.005133    0.742070   182.638062

COMB DB-G1-3 -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -14.915156   -74.477714   -0.682288
-0.004718   -0.403899    -9.605328
0.14086   -14.915156   -74.477714   -0.682288
-0.004718   -0.117882   -45.490099
0.28172   -14.915156   -74.477714   -0.682288
-0.004718   -0.176329   -81.470105
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2246

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T          M2          M3
0.42258   -14.915156   -74.477714   -0.682288
-0.004718   -0.445265  -118.754977
0.56344   -14.915156   -74.477714   -0.682288
-0.004718   -0.714103  -170.584737

COMB DB-G1-4 -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    8.108318   117.256334    0.763354
 0.004460    0.440002   103.940094
0.14086    8.108318   117.256334    0.763354
 0.004460    0.123534   108.555452
```

0.28172 8.108318 117.256334 0.763354
0.004460 0.214240 115.788232
0.42258 8.108318 117.256334 0.763354
0.004460 0.528891 134.528311
0.56344 8.108318 117.256334 0.763354
0.004460 0.857115 163.292011

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.027196	-79.466138	-0.782605
-0.004267	-0.456955	-31.908581	
0.14086	-13.027196	-79.466138	-0.782605
-0.004267	-0.128759	-55.233965	
0.28172	-13.027196	-79.466138	-0.782605
-0.004267	-0.210435	-79.315124	
0.42258	-13.027196	-79.466138	-0.782605
-0.004267	-0.530734	-105.543857	
0.56344	-13.027196	-79.466138	-0.782605
-0.004267	-0.850912	-144.788361	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.541967	63.982693	0.102711
0.005193	0.072698	133.568207	
0.14086	3.541967	63.982693	0.102711
0.005193	0.035288	125.748446	
0.28172	3.541967	63.982693	0.102711
0.005193	0.053663	118.079659	
0.42258	3.541967	63.982693	0.102711
0.005193	0.116969	125.198955	
0.56344	3.541967	63.982693	0.102711
0.005193	0.200277	142.538469	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.276768	-49.216620	-0.198693
-0.005134	-0.134595	-2.072139	
0.14086	-4.276768	-49.216620	-0.198693
-0.005134	-0.051524	-1.472328	
0.28172	-4.276768	-49.216620	-0.198693
-0.005134	-0.028474	-0.927455	
0.42258	-4.276768	-49.216620	-0.198693
-0.005134	-0.071603	-2.008947	
0.56344	-4.276768	-49.216620	-0.198693
-0.005134	-0.114684	-21.013883	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.036035	59.910277	0.317929
0.005118	0.192186	139.062261	
0.14086	8.036035	59.910277	0.317929
0.005118	0.060457	145.164399	
0.28172	8.036035	59.910277	0.317929
0.005118	0.107856	154.645538	
0.42258	8.036035	59.910277	0.317929
0.005118	0.255281	178.622622	
0.56344	8.036035	59.910277	0.317929
0.005118	0.421428	212.538552	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.706439	-88.190851	-0.396233
-0.005111	-0.244769	-11.529333	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2247

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	-4.706439	-88.190851	-0.396233
-0.005111	-0.078779	-7.440044	
0.28172	-4.706439	-88.190851	-0.396233
-0.005111	-0.088457	-4.319430	
0.42258	-4.706439	-88.190851	-0.396233
-0.005111	-0.221928	-4.162070	
0.56344	-4.706439	-88.190851	-0.396233
-0.005111	-0.355266	-21.719241	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.743841	118.508262	0.573636
0.004308	0.238274	34.396726	
0.14086	7.743841	118.508262	0.573636
0.004308	0.095842	125.573908	
0.28172	7.743841	118.508262	0.573636
0.004308	0.167998	137.212049	
0.42258	7.743841	118.508262	0.573636
0.004308	0.412922	161.235440	
0.56344	7.743841	118.508262	0.573636
0.004308	0.671116	193.045217	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.751941	-82.687442	-0.615650
-0.004053	-0.362810	-14.191941	
0.14086	-11.751941	-82.687442	-0.615650
-0.004053	-0.104653	-15.204555	
0.28172	-11.751941	-82.687442	-0.615650
-0.004053	-0.158148	-44.230238	
0.42258	-11.751941	-82.687442	-0.615650
-0.004053	-0.398896	-75.631650	
0.56344	-11.751941	-82.687442	-0.615650
-0.004053	-0.639493	-119.784152	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.432948	101.553199	0.728726
0.003712	0.418335	115.122685	
0.14086	9.432948	101.553199	0.728726
0.003712	0.115757	106.712812	
0.28172	9.432948	101.553199	0.728726
0.003712	0.204434	114.962494	
0.42258	9.432948	101.553199	0.728726
0.003712	0.506776	133.986555	
0.56344	9.432948	101.553199	0.728726
0.003712	0.820185	160.757579	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.969685	-82.280292	-0.747275
-0.003697	-0.434422	-41.419237	
0.14086	-9.969685	-82.280292	-0.747275
-0.003697	-0.120992	-36.843029	
0.28172	-9.969685	-82.280292	-0.747275
-0.003697	-0.201189	-55.419791	
0.42258	-9.969685	-82.280292	-0.747275
-0.003697	-0.506962	-75.747327	
0.56344	-9.969685	-82.280292	-0.747275
-0.003697	-0.812608	-106.579157	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.763583	4.732349	0.396001
0.000145	0.222599	5.764577	
0.14086	4.763583	4.732349	0.396001
0.000145	0.056034	4.077164	
0.28172	4.763583	4.732349	0.396001
0.000145	0.102261	2.598703	
0.42258	4.763583	4.732349	0.396001
0.000145	0.258206	2.158174	
0.56344	4.763583	4.732349	0.396001
0.000145	0.414161	1.864968	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2248

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076312	-19.156299	-0.371810
-0.000473	-0.209663	-48.867673	
0.14086	-0.076312	-19.156229	-0.371810
-0.000473	-0.053583	-41.155064	
0.28172	-0.076312	-19.156229	-0.371810
-0.000473	-0.109642	-33.549620	
0.42258	-0.076312	-19.156229	-0.371810
-0.000473	-0.275729	-25.970692	
0.56344	-0.076312	-19.156229	-0.371810
-0.000473	-0.441831	-18.417453	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.512281	8.547226	0.630743
0.000647	0.354899	12.403848	
0.14086	8.512281	8.547226	0.630743
0.000647	0.090476	12.819973	
0.28172	8.512281	8.547226	0.630743
0.000647	0.163136	18.159897	
0.42258	8.512281	8.547226	0.630743
0.000647	0.410543	26.112622	
0.56344	8.512281	8.547226	0.630743
0.000647	0.658685	35.142957	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.156926	-45.489816	-0.591614
-0.001099	-0.333958	-66.104435	
0.14086	-1.156926	-45.489816	-0.591614
-0.001099	-0.085711	-52.390224	
0.28172	-1.156926	-45.489816	-0.591614
-0.001099	-0.174752	-40.014687	
0.42258	-1.156926	-45.489816	-0.591614
-0.001099	-0.439372	-29.497276	
0.56344	-1.156926	-45.489816	-0.591614
-0.001099	-0.703930	-20.978639	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.573697	9.772640	0.655007
0.000730	0.368260	65.467317	
0.14086	11.573697	9.772640	0.655007
0.000730	0.093647	90.220517	
0.28172	11.573697	9.772640	0.655007
0.000730	0.183768	117.909307	
0.42258	11.573697	9.772640	0.655007
0.000730	0.463647	148.159474	
0.56344	11.573697	9.772640	0.655007
0.000730	0.744813	179.532722	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.996478	-96.991465	-0.670368
-0.001088	-0.380020	-59.376514	
0.14086	-0.996478	-96.991465	-0.670368
-0.001088	-0.098639	-47.732897	
0.28172	-0.996478	-96.991465	-0.670368
-0.001088	-0.182097	-36.960809	
0.42258	-0.996478	-96.991465	-0.670368
-0.001088	-0.456919	-27.523459	
0.56344	-0.996478	-96.991465	-0.670368
-0.001088	-0.731646	-20.081621	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.576135	91.335884	0.719997
0.004092	0.414697	128.678236	
0.14086	10.576135	91.335884	0.719997
0.004092	0.116238	117.049496	
0.28172	10.576135	91.335884	0.719997
0.004092	0.203947	120.645555	
0.42258	10.576135	91.335884	0.719997
0.004092	0.503481	137.148853	
0.56344	10.576135	91.335884	0.719997
0.004092	0.816121	161.387997	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2249

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.851851	-84.217258	-0.745447
-0.004217	-0.435570	-51.871598	
0.14086	-7.851851	-84.217258	-0.745447
-0.004217	-0.122949	-41.396999	
0.28172	-7.851851	-84.217258	-0.745447
-0.004217	-0.199074	-45.988492	
0.42258	-7.851851	-84.217258	-0.745447
-0.004217	-0.501193	-57.967886	
0.56344	-7.851851	-84.217258	-0.745447
-0.004217	-0.803157	-82.344199	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.387823	73.168389	0.625019
0.000596	0.353074	2.497720	
0.14086	0.387823	73.168389	0.625019
0.000596	0.087102	2.977114	
0.28172	0.387823	73.168389	0.625019
0.000596	0.139368	3.557096	
0.42258	0.387823	73.168389	0.625019
0.000596	0.350095	4.436681	
0.56344	0.387823	73.168389	0.625019
0.000596	0.561378	6.943531	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.781492	-8.477337	-0.502746
-0.000295	-0.280733	-33.758018	
0.14086	-10.781492	-8.477337	-0.502746
-0.000295	-0.071301	-61.966418	
0.28172	-10.781492	-8.477337	-0.502746
-0.000295	-0.175355	-90.184178	
0.42258	-10.781492	-8.477337	-0.502746
-0.000295	-0.437698	-118.533781	
0.56344	-10.781492	-8.477337	-0.502746
-0.000295	-0.699816	-148.171838	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.720508	165.061307	0.790378
0.006963	0.473660	131.933763	
0.14086	2.720508	165.061307	0.790378
0.006963	0.142672	106.143329	
0.28172	2.720508	165.061307	0.790378
0.006963	0.234829	80.535214	
0.42258	2.720508	165.061307	0.790378
0.006963	0.568638	71.969420	
0.56344	2.720508	165.061307	0.790378
0.006963	0.925451	79.215681	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.071454	-28.537404	-0.855048
-0.006523	-0.508327	-23.706194	
0.14086	-17.071454	-28.537404	-0.855048
-0.006523	-0.151468	-57.633987	
0.28172	-17.071454	-28.537404	-0.855048
-0.006523	-0.217897	-91.728418	
0.42258	-17.071454	-28.537404	-0.855048
-0.006523	-0.537359	-128.320997	
0.56344	-17.071454	-28.537404	-0.855048
-0.006523	-0.863031	-193.092156	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.224160	136.148062	0.936364
0.005229	0.544729	138.514628	
0.14086	6.224160	136.148062	0.936364
0.005229	0.153253	140.434694	
0.28172	6.224160	136.148062	0.936364
0.005229	0.286469	142.475611	
0.42258	6.224160	136.148062	0.936364
0.005229	0.702058	156.767155	
0.56344	6.224160	136.148062	0.936364
0.005229	1.134834	182.623514	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2250

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.895815	-70.542495	-1.034071
-0.004843	-0.599719	-21.772547	
0.14086	-14.895815	-70.542495	-1.034071
-0.004843	-0.167034	-53.058443	
0.28172	-14.895815	-70.542495	-1.034071
-0.004843	-0.259037	-84.436405	
0.42258	-14.895815	-70.542495	-1.034071
-0.004843	-0.643166	-117.625975	
0.56344	-14.895815	-70.542495	-1.034071
-0.004843	-1.032045	-171.124343	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.028773	116.535708	1.136752
0.004501	0.652960	119.044974	
0.14086	8.028773	116.535708	1.136752
0.004501	0.177005	119.573684	
0.28172	8.028773	116.535708	1.136752
0.004501	0.336120	122.508718	
0.42258	8.028773	116.535708	1.136752
0.004501	0.829250	136.472919	
0.56344	8.028773	116.535708	1.136752
0.004501	1.336414	163.616619	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.123596	-78.596525	-1.211326
-0.004299	-0.695435	-43.834487	
0.14086	-13.123596	-78.596525	-1.211326
-0.004299	-0.188239	-62.325414	
0.28172	-13.123596	-78.596525	-1.211326
-0.004299	-0.314269	-82.228355	
0.42258	-13.123596	-78.596525	-1.211326
-0.004299	-0.784556	-104.307577	
0.56344	-13.123596	-78.596525	-1.211326
-0.004299	-1.258203	-146.071373	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.121548	53.670622	0.143806
0.004391	0.101805	135.962196	
0.14086	4.121548	53.670622	0.143806
0.004391	0.041903	131.049453	
0.28172	4.121548	53.670622	0.143806
0.004391	0.098352	126.227098	
0.42258	4.121548	53.670622	0.143806
0.004391	0.229734	132.903665	
0.56344	4.121548	53.670622	0.143806
0.004391	0.376697	149.707217	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.593672	-46.696546	-0.354480
-0.004325	-0.272242	-41.396999	
0.14086	-3.593672	-46.696546	-0.354480
-0.004325	-0.070679	-2.006038	
0.28172	-3.593672	-46.696546	-0.354480
-0.004325	-0.038363	-1.130780	
0.42258	-3.593672	-46.696546	-0.354480
-0.004325	-0.090204	-1.861588	
0.56344	-3.593672	-46.696546	-0.354480
-0.004325	-0.146416	-21.425799	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.793183	51.825199	0.503314
0.004445	0.300348	145.928749	
0.14086	7.793183	51.825199	0.503314
0.004445	0.090435	152.695263	
0.28172	7.793183	51.825199	0.503314
0.004445	0.193903	162.953050	
0.42258	7.793183	51.825199	0.503314
0.004445	0.468659	184.880901	
0.56344	7.793183	51.825199	0.503314
0.004445	0.758730	216.672255	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2251

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.302176	-82.648840	-0.695162
-0.004416	-0.408544	-12.208629	
0.14086	-4.302176	-82.648840	-0.695162
-0.004416	-0.116981	-7.590948	
0.28172	-4.302176	-82.648840	-0.695162
-0.004416	-0.138033	-5.050490	
0.42258	-4.302176	-82.648840	-0.695162
-0.004416	-0.340865	-4.568548	
0.56344	-4.302176	-82.648840	-0.695162
-0.004416	-0.548506	-22.850231	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.722175	108.198761	0.823247
0.003482	0.473368	143.368324	
0.14086	7.722175	108.198761	0.823247
0.003482	0.129229	131.880829	
0.28172	7.722175	108.198761	0.823247
0.003482	0.276243	143.643418	
0.42258	7.722175	108.198761	0.823247
0.003482	0.680578	166.054247	
0.56344	7.722175	108.198761	0.823247
0.003482	1.096082	196.663119	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.870458	-79.768476	-0.992008
-0.003229	-0.567931	-17.278790	
0.14086	-10.870458	-79.768476	-0.992008
-0.003229	-0.152709	-16.042096	
0.28172	-10.870458	-79.768476	-0.992008
-0.003229	-0.227381	-40.869752	
0.42258	-10.870458	-79.768476	-0.992008
-0.003229	-0.567016	-69.249866	
0.56344	-10.870458	-79.768476	-0.992008
-0.003229	-0.910225	-111.474970	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.605868	94.767915	1.056819
0.003030	0.602152	125.495308	
0.14086	9.605868	94.767915	1.056819
0.003030	0.159587	114.068546	
0.28172	9.605868	94.767915	1.056819
0.003030	0.341907	121.349074	
0.42258	9.605868	94.767915	1.056819
0.003030	0.848398	137.852198	
0.56344	9.605868	94.767915	1.056819
0.003030	1.363996	163.216715	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.250615	-83.497900	-1.230092
-0.002964	-0.699423	-48.748574	
0.14086	-9.250615	-83.497900	-1.230092
-0.002964	-0.183756	-40.764575	
0.28172	-9.250615	-83.497900	-1.230092
-0.002964	-0.291209	-54.064076	
0.42258	-9.250615	-83.497900	-1.230092
-0.002964	-0.730522	-70.459235	
0.56344	-9.250615	-83.497900	-1.230092
-0.002964	-1.172063	-99.752773	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.487838	7.907227	0.576372
0.000143	0.322949	10.742589	
0.14086	5.487838	7.907227	0.576372
0.000143	0.080862	7.758202	
0.28172	5.487838	7.907227	0.576372
0.000143	0.186232	4.905902	
0.42258	5.487838	7.907227	0.576372
0.000143	0.467534	2.636318	
0.56344	5.487838	7.907227	0.576372
0.000143	0.748586	2.005275	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2252

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096423	-24.417191	-0.669997
-0.000396	-0.375395	-57.900892	
0.14086	-0.096423	-24.417191	-0.669997
-0.000396	-0.093477	-47.989218	
0.28172	-0.096423	-24.417191	-0.669997
-0.000396	-0.158218	-38.169998	
0.42258	-0.096423	-24.417191	-0.669997
-0.000396	-0.409990	-28.609190	
0.56344	-0.096423	-24.417191	-0.669997
-0.000396	-0.642856	-20.627837	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.829130	11.772031	0.971338
0.000520	0.543526	17.866667	
0.14086	8.829130	11.772031	0.971338
0.000520	0.135838	17.168852	
0.28172	8.829130	11.772031	0.971338
0.000520	0.289016	21.689059	
0.42258	8.829130	11.772031	0.971338
0.000520	0.723424	28.297465	
0.56344	8.829130	11.772031	0.971338
0.000520	1.158220	37.486959	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.409920	-52.767354	-1.036652
-0.000875	-0.581056	-75.993742	
0.14086	-1.409920	-52.767354	-1.036652
-0.000875	-0.145485	-58.917182	
0.28172	-1.409920	-52.767354	-1.036652
-0.000875	-0.267849	-45.003762	
0.42258	-1.409920	-52.767354	-1.036652
-0.000875	-0.676410	-32.316899	
0.56344	-1.409920	-52.767354	-1.036652
-0.000875	-1.083998	-23.147324	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.737279	9.752261	0.983317
0.000385	0.548058	78.273111	
0.14086	11.737279	9.752261	0.983317
0.000385	0.136197	100.160292	
0.28172	11.737279	9.752261	0.983317
0.000385	0.328176	125.681601	
0.42258	11.737279	9.752261	0.983317
0.000385	0.818941	152.646045	
0.56344	11.737279	9.752261	0.983317
0.000385	1.310512	181.684401	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.001398	-97.799478	-1.171237
-0.000561	-0.653929	-68.096467	
0.14086	-1.001398	-97.799478	-1.171237
-0.000561	-0.163130	-54.059269	
0.28172	-1.001398	-97.799478	-1.171237
-0.000561	-0.271517	-41.546293	
0.42258	-1.001398	-97.799478	-1.171237
-0.000561	-0.685026	-30.002781	
0.56344	-1.001398	-97.799478	-1.171237
-0.000561	-1.097732	-21.004920	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.123611	82.739239	1.047731
0.003113	0.597908	138.388434	
0.14086	11.123611	82.739239	1.047731
0.003113	0.159358	127.038919	
0.28172	11.123611	82.739239	1.047731
0.003113	0.360242	129.519610	
0.42258	11.123611	82.739239	1.047731
0.003113	0.892096	144.335688	
0.56344	11.123611	82.739239	1.047731
0.003113	1.433745	167.925983	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2253

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.030437	-86.793122	-1.292866
-0.003093	-0.735679	-61.194218	
0.14086	-7.030437	-86.793122	-1.292866
-0.003093	-0.193279	-47.630610	
0.28172	-7.030437	-86.793122	-1.292866
-0.003093	-0.288022	-47.790796	
0.42258	-7.030437	-86.793122	-1.292866

```
-0.003093   -0.723399   -55.473440
0.56344    -7.030437   -86.793122    -1.292866
-0.003093   -1.160849   -77.128544

COMB       DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.573697  169.949763    0.763354
 0.007071    0.440002  139.062261
0.14086    11.573697  169.949763    0.763354
 0.007071    0.123534  145.164399
0.28172    11.573697  169.949763    0.763354
 0.007071    0.214240  154.645538
0.42258    11.573697  169.949763    0.763354
 0.007071    0.528891  178.622622
0.56344    11.573697  169.949763    0.763354
 0.007071    0.857115  212.538552

COMB       DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.344118  -96.991465   -0.782605
-0.006585   -0.456955   -66.104435
0.14086   -17.344118  -96.991465   -0.782605
-0.006585   -0.128759   -55.233965
0.28172   -17.344118  -96.991465   -0.782605
-0.006585   -0.210435   -88.438558
0.42258   -17.344118  -96.991465   -0.782605
-0.006585   -0.530734  -129.405083
0.56344   -17.344118  -96.991465   -0.782605
-0.006585   -0.850912  -191.847988

COMB       DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.737279  165.061307    1.136752
 0.006963    0.652960  145.928749
0.14086    11.737279  165.061307    1.136752
 0.006963    0.177005  152.695263
0.28172    11.737279  165.061307    1.136752
 0.006963    0.360242  162.953050
0.42258    11.737279  165.061307    1.136752
 0.006963    0.892096  184.866801
0.56344    11.737279  165.061307    1.136752
 0.006963    1.433745  216.672255

COMB       DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.071454  -97.799478   -1.292866
-0.006523   -0.735679   -75.993742
0.14086   -17.071454  -97.799478   -1.292866
-0.006523   -0.193279   -62.325414
0.28172   -17.071454  -97.799478   -1.292866
-0.006523   -0.314269   -91.728418
0.42258   -17.071454  -97.799478   -1.292866
-0.006523   -0.784556  -128.320997
0.56344   -17.071454  -97.799478   -1.292866
-0.006523   -1.258203  -193.092156

COMB       CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.737279  169.949763    1.136752
 0.007071    0.652960  145.928749
0.14086    11.737279  169.949763    1.136752
 0.007071    0.177005  152.695263
0.28172    11.737279  169.949763    1.136752
 0.007071    0.360242  162.953050
0.42258    11.737279  169.949763    1.136752
 0.007071    0.892096  184.866801
0.56344    11.737279  169.949763    1.136752
 0.007071    1.433745  216.672255
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2254

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.344118  -97.799478   -1.292866
-0.006585   -0.735679   -75.993742
0.14086   -17.344118  -97.799478   -1.292866
-0.006585   -0.193279   -62.325414
0.28172   -17.344118  -97.799478   -1.292866
-0.006585   -0.314269   -91.728418
0.42258   -17.344118  -97.799478   -1.292866
-0.006585   -0.784556  -129.405083
0.56344   -17.344118  -97.799478   -1.292866
-0.006585   -1.258203  -193.092156

COMB       DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.737279  169.949763    1.136752
 0.007071    0.652960  145.928749
0.14086    11.737279  169.949763    1.136752
 0.007071    0.177005  152.695263
0.28172    11.737279  169.949763    1.136752
 0.007071    0.360242  162.953050
0.42258    11.737279  169.949763    1.136752
 0.007071    0.892096  184.866801
0.56344    11.737279  169.949763    1.136752
 0.007071    1.433745  216.672255

COMB       DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.344118  -97.799478   -1.292866
-0.006585   -0.735679   -75.993742
0.14086   -17.344118  -97.799478   -1.292866
-0.006585   -0.193279   -62.325414
0.28172   -17.344118  -97.799478   -1.292866
-0.006585   -0.314269   -91.728418
0.42258   -17.344118  -97.799478   -1.292866
-0.006585   -0.784556  -129.405083
0.56344   -17.344118  -97.799478   -1.292866
-0.006585   -1.258203  -193.092156

ELEM       200 ================ LENGTH
=     2.976964

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    0.243908   74.115623    0.437111
 0.000507   0.488348  102.544983
0.57751    0.243908   74.115623    0.437111
 0.000507   0.305094   71.537255
0.71834    0.243908   74.115623    0.437111
 0.000507   0.121864   40.616986
0.85917    0.243908   74.115623    0.437111
 0.000507   0.059425    9.983506
1.00000    0.243908   74.115623    0.437111
 0.000507   0.234574    2.213011

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -10.306862   -5.510999   -0.417735
-0.000829   -0.465962   -11.686764
0.57751   -10.306862   -5.510999   -0.417735
-0.000829   -0.290830    -9.533814
0.71834   -10.306862   -5.510999   -0.417735
-0.000829   -0.115684    -7.742304
0.85917   -10.306862   -5.510999   -0.417735
-0.000829   -0.061402    -6.120113
1.00000   -10.306862   -5.510999   -0.417735
-0.000829   -0.244677   -22.858660

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    4.570866  105.125110    0.612801
 0.006753   0.660797  195.386021
0.57751    4.570866  105.125110    0.612801
 0.006753   0.404172  155.988932
0.71834    4.570866  105.125110    0.612801
 0.006753   0.169990  128.843887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2255

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.85917    4.570866  105.125110    0.612801
 0.006753   0.105837  119.325973
1.00000    4.570866  105.125110    0.612801
 0.006753   0.339355  122.357699

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -13.028259  -87.176308   -0.582789
-0.007162   -0.647822   -38.091699
0.57751   -13.028259  -87.176308   -0.582789
-0.007162   -0.403482   -15.838605
0.71834   -13.028259  -87.176308   -0.582789
-0.007162   -0.159140   -11.483287
0.85917   -13.028259  -87.176308   -0.582789
-0.007162   -0.112197    -8.933962
1.00000   -13.028259  -87.176308   -0.582789
-0.007162   -0.369117   -10.443622

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    7.798788   94.574180    0.667748
 0.005064   0.728621  182.950797
0.57751    7.798788   94.574180    0.667748
 0.005064   0.448881  147.995200
0.71834    7.798788   94.574180    0.667748
 0.005064   0.184398  122.237700
0.85917    7.798788   94.574180    0.667748
 0.005064   0.105324  111.028701
1.00000    7.798788   94.574180    0.667748
 0.005064   0.362187  122.180375

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -11.995587  -114.872989   -0.630285
-0.005365   -0.701503   -81.003712
0.57751   -11.995587  -114.872989   -0.630285
-0.005365   -0.437274   -41.815758
0.71834   -11.995587  -114.872989   -0.630285
-0.005365   -0.173023   -13.736418
0.85917   -11.995587  -114.872989   -0.630285
-0.005365   -0.112735    -9.298344
1.00000   -11.995587  -114.872989   -0.630285
-0.005365   -0.392709    -9.462663

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    9.457813   80.683231    0.767607
 0.004387   0.824274  157.526860
0.57751    9.457813   80.683231    0.767607
 0.004387   0.521309  127.606304
0.71834    9.457813   80.683231    0.767607
 0.004387   0.212312  105.307082
0.85917    9.457813   80.683231    0.767607
 0.004387   0.116693   95.137469
1.00000    9.457813   80.683231    0.767607
 0.004387   0.417046  103.603078

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -10.641446  -112.739480   -0.730859
-0.004484   -0.814157  -117.489162
0.57751   -10.641446  -112.739480   -0.730859
-0.004484   -0.507759   -77.997722
0.71834   -10.641446  -112.739480   -0.730859
-0.004484   -0.201339   -48.107709
0.85917   -10.641446  -112.739480   -0.730859
-0.004484   -0.123676   -37.221263
1.00000   -10.641446  -112.739480   -0.730859
-0.004484   -0.445534   -31.784621

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    5.695996   9.081930    0.145852
0.005445   0.144341   49.536451
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2256

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.57751    5.695996   9.081930    0.145852
0.005445   0.083486   50.804971
0.71834    5.695996   9.081930    0.145852
0.005445   0.041449   62.880878
0.85917    5.695996   9.081930    0.145852
0.005445   0.038352   92.653466
1.00000    5.695996   9.081930    0.145852
0.005445   0.084840  133.170535

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -0.751736  -99.556246   -0.133006
-0.005456   -0.146436   -41.351787
0.57751   -0.751736  -99.556246   -0.133006
-0.005456   -0.090663   -11.673200
0.71834   -0.751736  -99.556246   -0.133006
-0.005456   -0.034907    -2.960336
0.85917   -0.751736  -99.556246   -0.133006
-0.005456   -0.041593    -2.338563
1.00000   -0.751736  -99.556246   -0.133006
-0.005456   -0.102170    -1.736757

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669   10.001708   8.772370    0.331845
 0.005383   0.350770   50.477671
0.57751   10.001708   8.772370    0.331845
 0.005383   0.211877   52.111598
0.71834   10.001708   8.772370    0.331845
 0.005383   0.090417   64.198588
0.85917   10.001708   8.772370    0.331845
 0.005383   0.062353   92.873945
1.00000   10.001708   8.772370    0.331845
 0.005383   0.184451  138.630876

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -1.463608  -134.570367   -0.311376
-0.005275   -0.345408   -100.000585
0.57751   -1.463608  -134.570367   -0.311376
-0.005275   -0.214879    -54.087744
0.71834   -1.463608  -134.570367   -0.311376
-0.005275   -0.084343    -21.357218
0.85917   -1.463608  -134.570367   -0.311376
-0.005275   -0.068346    -15.341131
1.00000   -1.463608  -134.570367   -0.311376
-0.005275   -0.207481    -11.219517

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    9.160640   82.994987    0.586303
 0.004176   0.640776  191.890272
0.57751    9.160640   82.994987    0.586303
 0.004176   0.395140  161.296045
0.71834    9.160640   82.994987    0.586303
 0.004176   0.161834  138.388300
0.85917    9.160640   82.994987    0.586303
 0.004176   0.091627  128.192823
1.00000    9.160640   82.994987    0.586303
 0.004176   0.318805  134.015433

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -9.431342  -115.139617   -0.555930
-0.004295   -0.431808   -95.396152
0.57751   -9.431342  -115.139617   -0.555930
-0.004295   -0.385854   -55.224138
0.71834   -9.431342  -115.139617   -0.555930
-0.004295   -0.152726   -24.445828
0.85917   -9.431342  -115.139617   -0.555930
-0.004295   -0.097869   -17.963757
1.00000   -9.431342  -115.139617   -0.555930
-0.004295   -0.343670   -13.098285
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2257

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669   10.587683   71.655204    0.719127
 0.003644   0.791339  166.870806
0.57751   10.587683   71.655204    0.719127
 0.003644   0.489994  140.341328
0.71834   10.587683   71.655204    0.719127
 0.003644   0.198926  120.259417
0.85917   10.587683   71.655204    0.719127
 0.003644   0.107913  110.774679
1.00000   10.587683   71.655204    0.719127
 0.003644   0.391471  114.645034

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -8.035292  -109.361963   -0.687925
-0.003589   -0.766712  -131.769938
0.57751   -8.035292  -109.361963   -0.687925
-0.003589   -0.478309   -92.286834
0.71834   -8.035292  -109.361963   -0.687925
-0.003589   -0.189816   -60.894334
0.85917   -8.035292  -109.361963   -0.687925
-0.003589   -0.114086   -49.965031
1.00000   -8.035292  -109.361963   -0.687925
-0.003589   -0.415639   -40.494090

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    4.717591   4.406920    0.364592
 0.000211   0.407078  12.656556
0.57751    4.717591   4.406920    0.364592
 0.000211   0.254227  10.815702
0.71834    4.717591   4.406920    0.364592
 0.000211   0.101395   8.988307
0.85917    4.717591   4.406920    0.364592
 0.000211   0.049755   7.195308
1.00000    4.717591   4.406920    0.364592
 0.000211   0.198838   5.487771

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -0.087042  -19.070547   -0.355309
-1.13E-05   -0.397012   -80.430778
0.57751   -0.087042  -19.070547   -0.355309
-1.13E-05   -0.248053   -72.488543
0.71834   -0.087042  -19.070547   -0.355309
-1.13E-05   -0.099078   -64.591107
0.85917   -0.087042  -19.070547   -0.355309
-1.13E-05   -0.051425   -56.695152
1.00000   -0.087042  -19.070547   -0.355309
-1.13E-05   -0.204331   -48.842943

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    8.516117   6.079692    0.583592
 0.000656   0.650683  17.395886
0.57751    8.516117   6.079692    0.583592
 0.000656   0.406029  14.996464
0.71834    8.516117   6.079692    0.583592
 0.000656   0.161834  13.224200
0.85917    8.516117   6.079692    0.583592
 0.000656   0.080691  12.218245
1.00000    8.516117   6.079692    0.583592
 0.000656   0.318431  12.048585

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -1.076862  -46.883543   -0.567686
-0.000299   -0.633858  -136.455398
0.57751   -1.076862  -46.883543   -0.567686
-0.000299   -0.395863   -117.719404
0.71834   -1.076862  -46.883543   -0.567686
-0.000299   -0.157858   -100.036705
0.85917   -1.076862  -46.883543   -0.567686
-0.000299   -0.083257    -82.578310
1.00000   -1.076862  -46.883543   -0.567686
-0.000299   -0.326037    -66.071643
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2258

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669   11.596408   6.124245    0.608493
 0.001055   0.677532  34.864973
0.57751   11.596408   6.124245    0.608493
 0.001055   0.422454  34.471700
0.71834   11.596408   6.124245    0.608493
 0.001055   0.168490  35.990812
0.85917   11.596408   6.124245    0.608493
 0.001055   0.085030  42.511909
1.00000   11.596408   6.124245    0.608493
 0.001055   0.332607  65.080412

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -0.837159  -99.106278   -0.591661
-0.000726   -0.660103  -161.982128
0.57751   -0.837159  -99.106278   -0.591661
-0.000726   -0.412053  -121.345299
0.71834   -0.837159  -99.106278   -0.591661
-0.000726   -0.164014   -83.678806
0.85917   -0.837159  -99.106278   -0.591661
-0.000726   -0.087836   -70.687132
1.00000   -0.837159  -99.106278   -0.591661
-0.000726   -0.343013   -59.172142

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669   11.940818   55.742601    0.705414
 0.004030   0.773932  147.029294
0.57751   11.940818   55.742601    0.705414
 0.004030   0.478357  127.502372
0.71834   11.940818   55.742601    0.705414
 0.004030   0.194982  115.377005
0.85917   11.940818   55.742601    0.705414
 0.004030   0.107947  115.161357
1.00000   11.940818   55.742601    0.705414
 0.004030   0.385308  128.116936

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -5.566478  -116.448912   -0.675479
-0.003915   -0.752829  -146.919084
0.57751   -5.566478  -116.448912   -0.675479
-0.003915   -0.469683  -105.491533
0.71834   -5.566478  -116.448912   -0.675479
-0.003915   -0.186482   -73.442491
0.85917   -5.566478  -116.448912   -0.675479
-0.003915   -0.114411   -61.599335
1.00000   -5.566478  -116.448912   -0.675479
-0.003915   -0.410263   -51.172980

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    0.308910   73.700359    0.721311
 0.000402   0.804015   99.491447
0.57751    0.308910   73.700359    0.721311
 0.000402   0.501578   76.164210
0.71834    0.308910   73.700359    0.721311
 0.000402   0.199102   38.335624
0.85917    0.308910   73.700359    0.721311
 0.000402   0.076416    9.285298
1.00000    0.308910   73.700359    0.721311
 0.000402   0.300878    2.510505

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -10.693959   -8.082818   -0.536741
-0.000728   -0.597304   -21.047730
0.57751   -10.693959   -8.082818   -0.536741
-0.000728   -0.372784   -17.820503
0.71834   -10.693959   -8.082818   -0.536741
-0.000728   -0.147355   -15.042029
0.85917   -10.693959   -8.082818   -0.536741
-0.000728   -0.103051   -13.485348
1.00000   -10.693959   -8.082818   -0.536741
-0.000728   -0.405610   -33.427962
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2259

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    5.613746  103.009528    0.965820
 0.006640   1.049073  198.564234
0.57751    5.613746  103.009528    0.965820
 0.006640   0.644366  160.871446
0.71834    5.613746  103.009528    0.965820
 0.006640   0.264557  136.312755
0.85917    5.613746  103.009528    0.965820
 0.006640   0.153034  127.001795
1.00000    5.613746  103.009528    0.965820
 0.006640   0.514754  131.895700

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -12.956638   -87.057183   -0.867034
-0.007023   -0.956307   -53.781347
0.57751   -12.956638   -87.057183   -0.867034
-0.007023   -0.593467   -26.793216
0.71834   -12.956638   -87.057183   -0.867034
-0.007023   -0.235641   -20.609200
0.85917   -12.956638   -87.057183   -0.867034
-0.007023   -0.167771   -16.449533
1.00000   -12.956638   -87.057183   -0.867034
-0.007023   -0.571859   -23.039521

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    8.141223   92.255304    1.095252
 0.005093   1.201158  182.669038
0.57751    8.141223   92.255304    1.095252
 0.005093   0.742063  149.952479
0.71834    8.141223   92.255304    1.095252
 0.005093   0.301337  128.419064
0.85917    8.141223   92.255304    1.095252
 0.005093   0.161594  125.026316
1.00000    8.141223   92.255304    1.095252
 0.005093   0.575432  138.373070

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -11.918250  -111.652053   -0.991019
-0.005372   -1.098626   -86.314498
0.57751   -11.918250  -111.652053   -0.991019
-0.005372   -0.683682   -47.848357
0.71834   -11.918250  -111.652053   -0.991019
-0.005372   -0.272349   -24.881303
0.85917   -11.918250  -111.652053   -0.991019
-0.005372   -0.161198   -16.651941
1.00000   -11.918250  -111.652053   -0.991019
-0.005372   -0.634342   -21.099171

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    9.558801   79.945345    1.263906
 0.004375   1.393591  161.058911
0.57751    9.558801   79.945345    1.263906
 0.004375   0.863419  132.495798
0.71834    9.558801   79.945345    1.263906
 0.004375   0.348651  113.275353
0.85917    9.558801   79.945345    1.263906
 0.004375   0.178194  109.064821
1.00000    9.558801   79.945345    1.263906
 0.004375   0.652674  118.769082

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43669   -10.664725  -112.630714   -1.135411
-0.004488   -1.261452  -128.932443
0.57751   -10.664725  -112.630714   -1.135411
-0.004488   -0.785895   -88.864564
0.71834   -10.664725  -112.630714   -1.135411
-0.004488   -0.313203   -61.795456
0.85917   -10.664725  -112.630714   -1.135411
-0.004488   -0.195301   -47.369215
1.00000   -10.664725  -112.630714   -1.135411
-0.004488   -0.724405   -43.302633
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2260

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43669    6.163732   9.635495    0.199534
0.004552   0.203659   58.295103
0.57751    6.163732   9.635495    0.199534
0.004552   0.120161   60.564949
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0.71834     6.163732     9.635495     0.199534
0.004552    0.054255    74.515811
0.85917     6.163732     9.635495     0.199534
0.004552    0.063900   102.335320
1.00000     6.163732     9.635495     0.199534
0.004552    0.187896   135.808400

COMB DL-G2-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -0.771377   -87.593741   -0.298224
-0.004570   -0.325502   -42.588019
0.57751    -0.771377   -87.593741   -0.298224
-0.004570   -0.201333   -14.521031
0.71834    -0.771377   -87.593741   -0.298224
-0.004570   -0.080633    -4.761479
0.85917    -0.771377   -87.593741   -0.298224
-0.004570   -0.048961    -3.719828
1.00000    -0.771377   -87.593741   -0.298224
-0.004570   -0.131707    -2.692835

COMB DL-G2-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669     9.640002     9.741969     0.558202
0.004607    0.603737    57.336260
0.57751     9.640002     9.741969     0.558202
0.004607    0.369796    59.598470
0.71834     9.640002     9.741969     0.558202
0.004607    0.152952    73.164074
0.85917     9.640002     9.741969     0.558202
0.004607    0.103704   105.483973
1.00000     9.640002     9.741969     0.558202
0.004607    0.348636   145.618867

COMB DL-G2-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -1.591498  -121.526100   -0.587756
-0.004529   -0.650015   -94.926978
0.57751    -1.591498  -121.526100   -0.587756
-0.004529   -0.404675   -52.521217
0.71834    -1.591498  -121.526100   -0.587756
-0.004529   -0.162150   -25.529892
0.85917    -1.591498  -121.526100   -0.587756
-0.004529   -0.097648   -16.803524
1.00000    -1.591498  -121.526100   -0.587756
-0.004529   -0.330506   -11.856381

COMB DL-G2-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669     8.818758    81.656927     0.948398
 0.003278    1.046220   198.229428
0.57751     8.818758    81.656927     0.948398
 0.003278    1.594963   169.084953
0.71834     8.818758    81.656927     0.948398
 0.003278    0.262256   148.213423
0.85917     8.818758    81.656927     0.948398
 0.003278    0.144200   142.030827
1.00000     8.818758    81.656927     0.948398
 0.003278    0.532176   143.049340

COMB DL-G2-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -9.017946  -104.549250   -0.928721
-0.003421   -0.965400   -96.584900
0.57751    -9.017946  -104.549250   -0.928721
-0.003421   -0.643775   -59.094049
0.71834    -9.017946  -104.549250   -0.928721
-0.003421   -0.256910   -32.441899
0.85917    -9.017946  -104.549250   -0.928721
-0.003421   -0.145749   -22.781257
1.00000    -9.017946  -104.549250   -0.928721
-0.003421   -0.542508   -16.330325
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2261

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    10.466230    72.286431     1.152957
 0.002870    1.277522   177.862411
0.57751    10.466230    72.286431     1.152957
 0.002870    0.793850   151.793335
0.71834    10.466230    72.286431     1.152957
 0.002870    0.319669   132.616640
0.85917    10.466230    72.286431     1.152957
 0.002870    0.170403   125.793718
1.00000    10.466230    72.286431     1.152957
 0.002870    0.644844   125.014713

COMB DL-G2-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -7.705431  -104.290416   -1.134357
-0.002858   -1.263591  -143.056032
0.57751    -7.705431  -104.290416   -1.134357
-0.002858   -0.784378  -104.753492
0.71834    -7.705431  -104.290416   -1.134357
-0.002858   -0.314651   -75.485254
0.85917    -7.705431  -104.290416   -1.134357
-0.002858   -0.171191   -60.278117
1.00000    -7.705431  -104.290416   -1.134357
-0.002858   -0.653906   -48.003261

COMB DL-G3-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669     5.400061     7.490762     0.560292
0.000183    0.626756    22.740643
0.57751     5.400061     7.490762     0.560292
0.000183    0.391570    19.604026
0.71834     5.400061     7.490762     0.560292
0.000183    0.156079    16.475747
0.85917     5.400061     7.490762     0.560292
0.000183    0.083310    13.376893
1.00000     5.400061     7.490762     0.560292
0.000183    0.335740    10.370757

COMB DL-G3-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -0.109881   -24.455431   -0.600588
-8.46E-06   -0.671293   -98.513786
0.57751    -0.109881   -24.455431   -0.600588
-8.46E-06   -0.419449   -88.316259
0.71834    -0.109881   -24.455431   -0.600588
-8.46E-06   -0.167413   -78.151031
0.85917    -0.109881   -24.455431   -0.600588
-8.46E-06   -0.07679    -68.024410
1.00000    -0.109881   -24.455431   -0.600588
-8.46E-06   -0.311678   -57.977863

COMB DL-G3-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669     8.726793     9.962855     0.956457
0.000517    1.068473    29.823631
0.57751     8.726793     9.962855     0.956457
0.000517    0.667134    25.863843
0.71834     8.726793     9.962855     0.956457
0.000517    0.265522    22.342923
0.85917     8.726793     9.962855     0.956457
0.000517    0.129572    19.194809
1.00000     8.726793     9.962855     0.956457
0.000517    0.517242    17.376937

COMB DL-G3-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -1.348802   -53.784604   -0.923600
-0.000229   -1.031905  -159.053459
0.57751    -1.348802   -53.784604   -0.923600
-0.000229   -0.644643  -137.021598
0.71834    -1.348802   -53.784604   -0.923600
-0.000229   -0.257424  -115.716383
0.85917    -1.348802   -53.784604   -0.923600
-0.000229   -0.132439   -95.359076
1.00000    -1.348802   -53.784604   -0.923600
-0.000229   -0.533276   -76.087284
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2262

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    11.482458     9.293566     0.984868
0.000627    1.100471    45.912095
0.57751    11.482458     9.293566     0.984868
0.000627    0.687103    45.330844
0.71834    11.482458     9.293566     0.984868
0.000627    0.274026    47.994821
0.85917    11.482458     9.293566     0.984868
0.000627    0.141827    59.190892
1.00000    11.482458     9.293566     0.984868
0.000627    0.567503    77.669415

COMB DL-G3-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -0.979717   -97.139338   -1.014444
-0.000354   -1.133896  -173.670029
0.57751    -0.979717   -97.139338   -1.014444
-0.000354   -0.708637  -135.735101
0.71834    -0.979717   -97.139338   -1.014444
-0.000354   -0.283441  -100.692015
0.85917    -0.979717   -97.139338   -1.014444
-0.000354   -0.115306   -83.510729
1.00000    -0.979717   -97.139338   -1.014444
-0.000354   -0.547986   -68.575665

COMB DL-G3-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    12.077886    58.081062     1.119941
 0.002961    1.240123   163.866942
0.57751    12.077886    58.081062     1.119941
 0.002961    0.770254   143.998271
0.71834    12.077886    58.081062     1.119941
 0.002961    0.310410   131.554252
0.85917    12.077886    58.081062     1.119941
 0.002961    0.176419   131.694779
1.00000    12.077886    58.081062     1.119941
 0.002961    0.667404   137.830417

COMB DL-G3-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669    -5.384595  -109.492420   -1.172952
-0.002909   -1.306441  -160.946252
0.57751    -5.384595  -109.492420   -1.172952
-0.002909   -0.815145  -120.764018
0.71834    -5.384595  -109.492420   -1.172952
-0.002909   -0.326079   -90.368530
0.85917    -5.384595  -109.492420   -1.172952
-0.002909   -0.167003   -74.479689
1.00000    -5.384595  -109.492420   -1.172952
-0.002909   -0.635945   -60.647929

COMB     DB -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    11.940818   105.125110     0.767607
 0.006753    0.842974   195.386021
0.57751    11.940818   105.125110     0.767607
 0.006753    0.521309   161.298045
0.71834    11.940818   105.125110     0.767607
 0.006753    0.212312   138.388300
0.85917    11.940818   105.125110     0.767607
 0.006753    0.116693   128.192823
1.00000    11.940818   105.125110     0.767607
 0.006753    0.417046   138.630876

COMB     DB -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669   -13.028259  -134.570367   -0.730859
-0.007162   -0.814157  -161.038128
0.57751   -13.028259  -134.570367   -0.730859
-0.007162   -0.507759  -121.345299
0.71834   -13.028259  -134.570367   -0.730859
-0.007162   -0.201339  -100.036705
0.85917   -13.028259  -134.570367   -0.730859
-0.007162   -0.123676   -82.573810
1.00000   -13.028259  -134.570367   -0.730859
-0.007162   -0.445534   -66.071643
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2263

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    12.077886   103.009528     1.263906
 0.006640    1.393591   198.564234
0.57751    12.077886   103.009528     1.263906
 0.006640    0.863419   169.084953
0.71834    12.077886   103.009528     1.263906
 0.006640    0.348651   148.213423
0.85917    12.077886   103.009528     1.263906
 0.006640    0.178194   142.030827
1.00000    12.077886   103.009528     1.263906
 0.006640    0.667404   145.618867

COMB     DL -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669   -12.956638  -121.526100   -1.172952
-0.007023   -1.306441  -173.670029
0.57751   -12.956638  -121.526100   -1.172952
-0.007023   -0.815145  -137.021598
0.71834   -12.956638  -121.526100   -1.172952
-0.007023   -0.326079  -115.716383
0.85917   -12.956638  -121.526100   -1.172952
-0.007023   -0.195301   -95.359076
1.00000   -12.956638  -121.526100   -1.172952
-0.007023   -0.724405   -76.087284

COMB     CAR -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43669    12.077886   105.125110     1.263906
 0.006753    1.393591   198.564234
0.57751    12.077886   105.125110     1.263906
 0.006753    0.863419   169.084953
0.71834    12.077886   105.125110     1.263906
 0.006753    0.348651   148.213423
0.85917    12.077886   105.125110     1.263906
 0.006753    0.178194   142.030827
1.00000    12.077886   105.125110     1.263906
 0.006753    0.667404   145.618867

COMB     CAR -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43669   -13.028259  -134.570367   -1.172952
-0.007162   -1.306441  -173.670029
0.57751   -13.028259  -134.570367   -1.172952
-0.007162   -0.815145  -137.021598
0.71834   -13.028259  -134.570367   -1.172952
-0.007162   -0.326079  -115.716383
0.85917   -13.028259  -134.570367   -1.172952
-0.007162   -0.195301   -95.359076
1.00000   -13.028259  -134.570367   -1.172952
-0.007162   -0.724405   -76.087284
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2264

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM       201 ================== LENGTH
=     2.978021

COMB DB-G1-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     0.247536    73.616498     0.445811
 0.000352    0.251711     2.209075
0.14087     0.247536    73.616498     0.445811
 0.000352    0.064618     2.729888
0.28173     0.247536    73.616498     0.445811
 0.000352    0.115953     3.380735
0.42260     0.247536    73.616498     0.445811
 0.000352    0.292369     4.830769
0.56347     0.247536    73.616498     0.445811
 0.000352    0.468770     6.961393

COMB DB-G1-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -10.256370    -5.478590    -0.420497
-0.000721   -0.236859   -22.894935
0.14087    -10.256370    -5.478590    -0.420497
-0.000721   -0.060455   -53.471736
0.28173    -10.256370    -5.478590    -0.420497
-0.000721   -0.122361   -84.270624
0.42260    -10.256370    -5.478590    -0.420497
-0.000721   -0.309352  -115.073342
0.56347    -10.256370    -5.478590    -0.420497
-0.000721   -0.496371  -145.907706

COMB DB-G1-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     2.034906   169.920331     0.626325
 0.006573    0.380244   122.738914
0.14087     2.034906   169.920331     0.626325
 0.006573    0.117399    97.883903
0.28173     2.034906   169.920331     0.626325
 0.006573    0.158730    73.583680
0.42260     2.034906   169.920331     0.626325
 0.006573    0.396343    67.968497
0.56347     2.034906   169.920331     0.626325
 0.006573    0.633956    74.949461

COMB DB-G1-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -17.162523   -26.663049    -0.566382
-0.007083   -0.342281   -61.944402
0.14087    -17.162523   -26.663049    -0.566382
-0.007083   -0.107493   -49.451756
0.28173    -17.162523   -26.663049    -0.566382
-0.007083   -0.171311   -88.656213
0.42260    -17.162523   -26.663049    -0.566382
-0.007083   -0.411105  -129.626379
0.56347    -17.162523   -26.663049    -0.566382
-0.007083   -0.672776  -192.059257

COMB DB-G1-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     6.166011   138.491031     0.680292
 0.004708    0.402681   122.406311
0.14087     6.166011   138.491031     0.680292
 0.004708    0.117128   128.697487
0.28173     6.166011   138.491031     0.680292
 0.004708    0.173011   135.370382
0.42260     6.166011   138.491031     0.680292
 0.004708    0.348133   154.997795
0.56347     6.166011   138.491031     0.680292
 0.004708    0.693233   183.080003

COMB DB-G1-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -14.777261   -74.229115    -0.620046
-0.005144   -0.364824    -9.497126
0.14087   -14.777261   -74.229115    -0.620046
-0.005144   -0.106630   -45.480914
0.28173   -14.777261   -74.229115    -0.620046
-0.005144   -0.165993   -81.599463
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2265

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
0.42260   -14.777261   -74.229115    -0.620046
-0.005144   -0.455729   -118.878547
0.56347   -14.777261   -74.229115    -0.620046
-0.005144   -0.740348   -170.716484

COMB DB-G1-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     8.138856   117.127635     0.779404
 0.004262    0.454736   103.795824
0.14087     8.138856   117.127635     0.779404
 0.004262    0.127614   108.370360
0.28173     8.138856   117.127635     0.779404
 0.004262    0.201437   115.881110
0.42260     8.138856   117.127635     0.779404
 0.004262    0.505075   134.809307
0.56347     8.138856   117.127635     0.779404
 0.004262    0.808686   163.651523

COMB DB-G1-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -12.948762   -79.252852    -0.723775
-0.004467   -0.420430   -31.827715
0.14087   -12.948762   -79.252852    -0.723775
-0.004467   -0.118309   -55.236767
0.28173   -12.948762   -79.252852    -0.723775
-0.004467   -0.214027   -79.431218
0.42260   -12.948762   -79.252852    -0.723775
-0.004467   -0.527983  -105.657708
0.56347   -12.948762   -79.252852    -0.723775
-0.004467   -0.854324  -144.895978

COMB DB-G2-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     3.619661    63.965526     0.161689
 0.005133    0.113748   133.474941
0.14087     3.619661    63.965526     0.161689
 0.005133    0.045927   125.662066
0.28173     3.619661    63.965526     0.161689
 0.005133    0.034228   118.009437
0.42260     3.619661    63.965526     0.161689
 0.005133    0.082180   125.138936
0.56347     3.619661    63.965526     0.161689
 0.005133    0.130210   142.533676

COMB DB-G2-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -4.262127   -49.243167    -0.114384
-0.005193   -0.083328    -1.731073
0.14087    -4.262127   -49.243167    -0.114384
-0.005193   -0.037643    -1.256598
0.28173    -4.262127   -49.243167    -0.114384
-0.005193   -0.043709    -0.880148
0.42260    -4.262127   -49.243167    -0.114384
-0.005193   -0.092335    -1.966880
0.56347    -4.262127   -49.243167    -0.114384
-0.005193   -0.159265   -20.993722

COMB DB-G2-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     8.141104    59.850965     0.337607
 0.005112    0.211477   138.896341
0.14087     8.141104    59.850965     0.337607
 0.005112    0.069726   145.034686
0.28173     8.141104    59.850965     0.337607
 0.005112    0.084009   154.536512
0.42260     8.141104    59.850965     0.337607
 0.005112    0.207766   178.527606
0.56347     8.141104    59.850965     0.337607
 0.005112    0.331506   212.500377

COMB DB-G2-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -4.720567   -88.222197    -0.295022
-0.005117   -0.183687   -11.219376
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2266

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
0.14087    -4.720567   -88.222197    -0.295022
-0.005117   -0.062095    -7.238003
0.28173    -4.720567   -88.222197    -0.295022
-0.005117   -0.092239    -4.268919
0.42260    -4.720567   -88.222197    -0.295022
-0.005117   -0.215939    -4.103982
0.56347    -4.720567   -88.222197    -0.295022
-0.005117   -0.356679   -21.649742

COMB DB-G2-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     7.872785   118.453278     0.599423
 0.004048    0.353337   134.160841
0.14087     7.872785   118.453278     0.599423
 0.004048    0.101753   125.611811
0.28173     7.872785   118.453278     0.599423
 0.004048    0.152752   137.215453
0.42260     7.872785   118.453278     0.599423
 0.004048    0.382639   161.206939
0.56347     7.872785   118.453278     0.599423
 0.004048    0.612448   193.233379

COMB DB-G2-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -11.676765   -82.538998    -0.547849
-0.004314   -0.321115   -13.091384
0.14087   -11.676765   -82.538998    -0.547849
-0.004314   -0.092774   -15.171856
0.28173   -11.676765   -82.538998    -0.547849
-0.004314   -0.164066   -44.006319
0.42260   -11.676765   -82.538998    -0.547849
-0.004314   -0.402628   -75.705649
0.56347   -11.676765   -82.538998    -0.547849
-0.004314   -0.653640  -119.849562

COMB DB-G2-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     9.543794   101.369246     0.729904
 0.003704    0.423875   114.771479
0.14087     9.543794   101.369246     0.729904
 0.003704    0.117537   106.649733
0.28173     9.543794   101.369246     0.729904
 0.003704    0.189952   114.993175
0.42260     9.543794   101.369246     0.729904
 0.003704    0.476863   134.034878
0.56347     9.543794   101.369246     0.729904
 0.003704    0.763674   160.914076

COMB DB-G2-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -9.917311   -82.147619    -0.683717
-0.003715   -0.395562   -40.500897
0.14087    -9.917311   -82.147619    -0.683717
-0.003715   -0.109907   -36.817877
0.28173    -9.917311   -82.147619    -0.683717
-0.003715   -0.200636   -55.490189
0.42260    -9.917311   -82.147619    -0.683717
-0.003715   -0.496236   -75.818684
0.56347    -9.917311   -82.147619    -0.683717
-0.003715   -0.801896  -106.649466

COMB DB-G3-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     4.768235     4.487723     0.365568
0.000490    0.205232     5.494794
0.14087     4.768235     4.487723     0.365568
0.000490    0.051810     3.911927
0.28173     4.768235     4.487723     0.365568
0.000490    0.099269     2.641252
0.42260     4.768235     4.487723     0.365568
0.000490    0.250355     2.191151
0.56347     4.768235     4.487723     0.365568
0.000490    0.401427     1.872978
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2267

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -0.088100   -19.145195    -0.360119
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-0.000141   -0.202888   -48.861738
0.14087     -0.088100   -19.145195     -0.360119
-0.000141   -0.051708   -41.154017
0.28173     -0.088100   -19.145195     -0.360119
-0.000141   -0.101495   -33.553861
0.42260     -0.088100   -19.145195     -0.360119
-0.000141   -0.254845   -25.980192
0.56347     -0.088100   -19.145195     -0.360119
-0.000141   -0.408201   -18.432172

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     8.533059    8.205005    0.584015
0.001119    0.328545   12.067596
0.14087     8.533059    8.205005    0.584015
0.001119    0.093437   12.612887
0.28173     8.533059    8.205005    0.584015
0.001119    0.158137   18.206701
0.42260     8.533059    8.205005    0.584015
0.001119    0.398088   26.122700
0.56347     8.533059    8.205005    0.584015
0.001119    0.638028   35.130363

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.205170   -45.477472   -0.571966
-0.000620   -0.322558   -66.104686
0.14087    -1.205170   -45.477472   -0.571966
-0.000620   -0.082605   -52.391962
0.28173    -1.205170   -45.477472   -0.571966
-0.000620   -0.162277   -40.024634
0.42260    -1.205170   -45.477472   -0.571966
-0.000620   -0.406547   -29.512076
0.56347    -1.205170   -45.477472   -0.571966
-0.000620   -0.651507   -20.974923

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.647230    9.490339    0.617894
0.001107    0.349216   65.070974
0.14087    11.647230    9.490339    0.617894
0.001107    0.089872   89.958117
0.28173    11.647230    9.490339    0.617894
0.001107    0.164281  117.891833
0.42260    11.647230    9.490339    0.617894
0.001107    0.412619  148.119362
0.56347    11.647230    9.490339    0.617894
0.001107    0.660969  179.488137

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.030582   -97.005370   -0.592002
-0.000705   -0.333758   -59.193372
0.14087    -1.030582   -97.005370   -0.592002
-0.000705   -0.085431   -47.650912
0.28173    -1.030582   -97.005370   -0.592002
-0.000705   -0.170691   -36.896304
0.42260    -1.030582   -97.005370   -0.592002
-0.000705   -0.428670   -27.468868
0.56347    -1.030582   -97.005370   -0.592002
-0.000705   -0.687769   -20.022497

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    10.691052   91.088090    0.714349
0.004229    0.417040  128.286660
0.14087    10.691052   91.088090    0.714349
0.004229    0.117151  116.853270
0.28173    10.691052   91.088090    0.714349
0.004229    0.186646  120.705455
0.42260    10.691052   91.088090    0.714349
0.004229    0.467845  137.192529
0.56347    10.691052   91.088090    0.714349
0.004229    0.749078  161.430293
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2268

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -7.809008   -84.144308   -0.670527
-0.004075   -0.390146   -81.184933
0.14087    -7.809008   -84.144308   -0.670527
-0.004075   -0.110301   -40.912734
0.28173    -7.809008   -84.144308   -0.670527
-0.004075   -0.196645   -46.018955
0.42260    -7.809008   -84.144308   -0.670527
-0.004075   -0.483770   -57.999151
0.56347    -7.809008   -84.144308   -0.670527
-0.004075   -0.782615   -82.373816

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.314289   73.333773    0.723679
0.000287    0.407482    2.506801
0.14087     0.314289   73.333773    0.723679
0.000287    0.103826    2.932311
0.28173     0.314289   73.333773    0.723679
0.000287    0.147836    3.520726
0.42260     0.314289   73.333773    0.723679
0.000287    0.375511    4.954874
0.56347     0.314289   73.333773    0.723679
0.000287    0.602888    7.514405

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.667610   -8.087311   -0.541501
-0.000622   -0.304439   -33.453642
0.14087   -10.667610   -8.087311   -0.541501
-0.000622   -0.077444   -61.765918
0.28173   -10.667610   -8.087311   -0.541501
-0.000622   -0.195516   -90.173631
0.42260   -10.667610   -8.087311   -0.541501
-0.000622   -0.503226  -119.107367
0.56347   -10.667610   -8.087311   -0.541501
-0.000622   -0.806854  -149.000563

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     2.599436  165.262371    0.973800
0.006513    0.579119  131.938252
0.14087     2.599436  165.262371    0.973800
0.006513    0.170918  106.003159
0.28173     2.599436  165.262371    0.973800
0.006513    0.236051   80.626234
0.42260     2.599436  165.262371    0.973800
0.006513    0.594594   72.666550
0.56347     2.599436  165.262371    0.973800
0.006513    0.958161   79.726939

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -16.849597   -28.079151   -0.876675
-0.006973   -0.523165   -23.061823
0.14087   -16.849597   -28.079151   -0.876675
-0.006973   -0.156497   -57.194609
0.28173   -16.849597   -28.079151   -0.876675
-0.006973   -0.265205   -91.727380
0.42260   -16.849597   -28.079151   -0.876675
-0.006973   -0.647663  -129.118770
0.56347   -16.849597   -28.079151   -0.876675
-0.006973   -1.056083  -193.967524

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     6.063998  136.322084    1.102376
0.004835    0.640369  138.375481
0.14087     6.063998  136.322084    1.102376
0.004835    0.178930  140.179242
0.28173     6.063998  136.322084    1.102376
0.004835    0.273865  142.463273
0.42260     6.063998  136.322084    1.102376
0.004835    0.687697  157.280519
0.56347     6.063998  136.322084    1.102376
0.004835    1.104815  183.235792
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2269

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -14.661682   -70.161559   -1.001870
-0.005238   -0.583588   -21.114815
0.14087   -14.661682   -70.161559   -1.001870
-0.005238   -0.164202   -52.574314
0.28173   -14.661682   -70.161559   -1.001870
-0.005238   -0.302213   -84.304891
0.42260   -14.661682   -70.161559   -1.001870
-0.005238   -0.745921  -118.208410
0.56347   -14.661682   -70.161559   -1.001870
-0.005238   -1.208411  -171.814759

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.859757  116.530213    1.274293
0.004295    0.732456  118.780339
0.14087     7.859757  116.530213    1.274293
0.004295    0.196700  119.272337
0.28173     7.859757  116.530213    1.274293
0.004295    0.315141  122.480652
0.42260     7.859757  116.530213    1.274293
0.004295    0.791068  136.869582
0.56347     7.859757  116.530213    1.274293
0.004295    1.269618  163.921017

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.940842   -78.361937   -1.146994
-0.004507   -0.661061   -43.333884
0.14087   -12.940842   -78.361937   -1.146994
-0.004507   -0.180794   -61.940390
0.28173   -12.940842   -78.361937   -1.146994
-0.004507   -0.350490   -82.100176
0.42260   -12.940842   -78.361937   -1.146994
-0.004507   -0.869553  -104.678619
0.56347   -12.940842   -78.361937   -1.146994
-0.004507   -1.404259  -146.448655

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     4.096203   53.689149    0.208956
0.004324    0.138808   135.821622
0.14087     4.096203   53.689149    0.208956
0.004324    0.051435   130.911235
0.28173     4.096203   53.689149    0.208956
0.004324    0.081148   126.171368
0.42260     4.096203   53.689149    0.208956
0.004324    0.200169   132.979694
0.56347     4.096203   53.689149    0.208956
0.004324    0.323146   149.632031

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -3.525519   -46.664651   -0.300627
-0.004391   -0.189300   -2.679179
0.14087    -3.525519   -46.664651   -0.300627
-0.004391   -0.064057   -1.763810
0.28173    -3.525519   -46.664651   -0.300627
-0.004391   -0.055917   -1.058499
0.42260    -3.525519   -46.664651   -0.300627
-0.004391   -0.125286   -19.116053
0.56347    -3.525519   -46.664651   -0.300627
-0.004391   -0.212732   -21.400122

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.704511   51.777813    0.566375
0.004416    0.336491  145.619661
0.14087     7.704511   51.777813    0.566375
0.004416    0.099783  152.434567
0.28173     7.704511   51.777813    0.566375
0.004416    0.163990  162.778958
0.42260     7.704511   51.777813    0.566375
0.004416    0.406720  184.793436
0.56347     7.704511   51.777813    0.566375
0.004416    0.652770  216.541025
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2270

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -4.208085   -82.680408   -0.594099
-0.004438   -0.352421   -11.849484
0.14087    -4.208085   -82.680408   -0.594099
-0.004438   -0.104207   -7.289548
0.28173    -4.208085   -82.680408   -0.594099
-0.004438   -0.155235   -4.873258
0.42260    -4.208085   -82.680408   -0.594099
-0.004438   -0.374994   -4.444500
0.56347    -4.208085   -82.680408   -0.594099
-0.004438   -0.612884   -22.661323

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.592425  108.274112    0.957274
0.003226    0.550014  143.000396
0.14087     7.592425  108.274112    0.957274
0.003226    0.149399  131.643279
0.28173     7.592425  108.274112    0.957274
0.003226    0.257836  143.570236
0.42260     7.592425  108.274112    0.957274
0.003226    0.646891  166.387435
0.56347     7.592425  108.274112    0.957274
0.003226    1.038326  196.817995

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.670791   -79.526325   -0.937169
-0.003487   -0.538561   -16.308407
0.14087   -10.670791   -79.526325   -0.937169
-0.003487   -0.146258   -15.592875
0.28173   -10.670791   -79.526325   -0.937169
-0.003487   -0.249492   -40.744012
0.42260   -10.670791   -79.526325   -0.937169
-0.003487   -0.653530   -69.644873
0.56347   -10.670791   -79.526325   -0.937169
-0.003487   -1.055138  -111.748932

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     9.463522   94.628360    1.167239
0.002972    0.665590  124.985460
0.14087     9.463522   94.628360    1.167239
0.002972    0.176322  113.748622
0.28173     9.463522   94.628360    1.167239
0.002972    0.316114  121.275839
0.42260     9.463522   94.628360    1.167239
0.002972    0.793475  138.143056
0.56347     9.463522   94.628360    1.167239
0.002972    1.272748  163.347816

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -9.090661   -83.397136   -1.145746
-0.003024   -0.653359   -48.003316
0.14087    -9.090661   -83.397136   -1.145746
-0.003024   -0.175549   -40.412057
0.28173    -9.090661   -83.397136   -1.145746
-0.003024   -0.321485   -53.935454
0.42260    -9.090661   -83.397136   -1.145746
-0.003024   -0.801534   -70.686699
0.56347    -9.090661   -83.397136   -1.145746
-0.003024   -1.291677   -99.779876

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     5.437378    7.550080    0.571939
0.000412    0.320165   10.387290
0.14087     5.437378    7.550080    0.571939
0.000412    0.079866    7.552543
0.28173     5.437378    7.550080    0.571939
0.000412    0.168403    4.872139
0.42260     5.437378    7.550080    0.571939
0.000412    0.423091    2.697259
0.56347     5.437378    7.550080    0.571939
0.000412    0.677771    2.552997
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2271

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.107703   -24.578067   -0.606739
-0.000139   -0.340251   -58.003406
0.14087    -0.107703   -24.578067   -0.606739
-0.000139   -0.085096   -48.019988
0.28173    -0.107703   -24.578067   -0.606739
-0.000139   -0.157674   -38.118674
0.42260    -0.107703   -24.578067   -0.606739
-0.000139   -0.398247   -28.471527
0.56347    -0.107703   -24.578067   -0.606739
-0.000139   -0.638417   -20.315739

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     8.729881   11.294040    0.971097
0.000895    0.543623   17.401650
0.14087     8.729881   11.294040    0.971097
0.000895    0.136272   16.886331
0.28173     8.729881   11.294040    0.971097
0.000895    0.259415   21.628933
0.42260     8.729881   11.294040    0.971097
0.000895    0.650377   28.255876
0.56347     8.729881   11.294040    0.971097
0.000895    1.041454   37.445763

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.421889   -52.997657   -0.932172
-0.000510   -0.522965   -76.130956
0.14087    -1.421889   -52.997657   -0.932172
-0.000510   -0.131524   -58.941288
0.28173    -1.421889   -52.997657   -0.932172
-0.000510   -0.268491   -44.913612
0.42260    -1.421889   -52.997657   -0.932172
-0.000510   -0.675915   -32.016963
0.56347    -1.421889   -52.997657   -0.932172
-0.000510   -1.083817   -22.601608

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.615077    9.347913    1.004489
0.000578    0.559758    7.775553
0.14087    11.615077    9.347913    1.004489
0.000578    0.139865   99.758914
0.28173    11.615077    9.347913    1.004489
0.000578    0.286164  125.539408
0.42260    11.615077    9.347913    1.004489
0.000578    0.715603  152.598088
0.56347    11.615077    9.347913    1.004489
0.000578    1.145033  181.650713

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.962027   -98.028367   -1.023642
-0.000376   -0.573020   -68.602472
0.14087    -0.962027   -98.028367   -1.023642
-0.000376   -0.142991   -53.904788
0.28173    -0.962027   -98.028367   -1.023642
-0.000376   -0.277801   -41.344816
0.42260    -0.962027   -98.028367   -1.023642
-0.000376   -0.691994   -27.591094
0.56347    -0.962027   -98.028367   -1.023642
-0.000376   -1.121724   -20.499348

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    10.986964   82.471396    1.137118
0.003105    0.648720  137.817328
0.14087    10.986964   82.471396    1.137118
0.003105    0.172098  126.626973
0.28173    10.986964   82.471396    1.137118
0.003105    0.327663  129.421543
0.42260    10.986964   82.471396    1.137118
0.003105    0.820174  144.568084
0.56347    10.986964   82.471396    1.137118
0.003105    1.315137  167.964934
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2272

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -6.894158   -86.821292   -1.183684
-0.003107   -0.675446   -60.857492
0.14087    -6.894158   -86.821292   -1.183684
-0.003107   -0.179126   -47.158017
0.28173    -6.894158   -86.821292   -1.183684
-0.003107   -0.313033   -47.608484
0.42260    -6.894158   -86.821292   -1.183684
-0.003107   -0.780029   -55.535206
0.56347    -6.894158   -86.821292   -1.183684
-0.003107   -1.257621   -76.911008

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.647230  169.920331    0.779404
0.006573    0.454736  138.896341
0.14087    11.647230  169.920331    0.779404
0.006573    0.127614  145.034686
0.28173    11.647230  169.920331    0.779404
0.006573    0.201437  154.536512
0.42260    11.647230  169.920331    0.779404
0.006573    0.505075  178.527806
0.56347    11.647230  169.920331    0.779404
0.006573    0.808686  212.500377

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.162523   -97.005370   -0.723775
-0.007083   -0.420430   -66.104686
0.14087   -17.162523   -97.005370   -0.723775
-0.007083   -0.118309   -55.236767
0.28173   -17.162523   -97.005370   -0.723775
-0.007083   -0.214027   -88.656213
0.42260   -17.162523   -97.005370   -0.723775
-0.007083   -0.527983  -129.628379
0.56347   -17.162523   -97.005370   -0.723775
-0.007083   -0.854324  -192.059257

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.615077  165.262371    1.274293
0.006513    0.732456  145.619661
0.14087    11.615077  165.262371    1.274293
0.006513    0.198700  152.434567
0.28173    11.615077  165.262371    1.274293
0.006513    0.327663  162.787958
0.42260    11.615077  165.262371    1.274293
0.006513    0.820174  184.793436
0.56347    11.615077  165.262371    1.274293
0.006513    1.315137  216.541025

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -16.849597   -98.028367   -1.183684
-0.006973   -0.675446   -76.130956
0.14087   -16.849597   -98.028367   -1.183684
-0.006973   -0.180794   -61.940390
0.28173   -16.849597   -98.028367   -1.183684
-0.006973   -0.350490   -91.727380
0.42260   -16.849597   -98.028367   -1.183684
-0.006973   -0.869553  -129.118770
0.56347   -16.849597   -98.028367   -1.183684
-0.006973   -1.404259  -193.967524

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.647230  169.920331    1.274293
0.006573    0.732456  145.619661
0.14087    11.647230  169.920331    1.274293
0.006573    0.198700  152.434567
0.28173    11.647230  169.920331    1.274293
0.006573    0.327663  162.787958
0.42260    11.647230  169.920331    1.274293
0.006573    0.820174  184.793436
0.56347    11.647230  169.920331    1.274293
0.006573    1.315137  216.541025
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2273

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.162523   -98.028367   -1.183684
-0.007083   -0.675446   -76.130956
0.14087   -17.162523   -98.028367   -1.183684
-0.007083   -0.180794   -61.940390
0.28173   -17.162523   -98.028367   -1.183684
-0.007083   -0.350490   -91.727380
0.42260   -17.162523   -98.028367   -1.183684
-0.007083   -0.869553  -129.628379
0.56347   -17.162523   -98.028367   -1.183684
-0.007083   -1.404259  -193.967524

COMB       DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.647230  169.920331    1.274293
0.006573    0.732456  145.619661
0.14087    11.647230  169.920331    1.274293
0.006573    0.198700  152.434567
0.28173    11.647230  169.920331    1.274293
0.006573    0.327663  162.787958
0.42260    11.647230  169.920331    1.274293
0.006573    0.820174  184.793436
0.56347    11.647230  169.920331    1.274293
0.006573    1.315137  216.541025

COMB       DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -17.162523   -98.028367   -1.183684
-0.007083   -0.675446   -76.130956
0.14087   -17.162523   -98.028367   -1.183684
-0.007083   -0.180794   -61.940390
0.28173   -17.162523   -98.028367   -1.183684
-0.007083   -0.350490   -91.727380
0.42260   -17.162523   -98.028367   -1.183684
-0.007083   -0.869553  -129.628379
0.56347   -17.162523   -98.028367   -1.183684
-0.007083   -1.404259  -193.967524

ELEM      202 ================== LENGTH
=     2.977259

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43664     0.366188   70.339492    0.461309
0.000150    0.515409   95.989456
0.57748     0.366188   70.339492    0.461309
0.000150    0.321977   66.544782
0.71832     0.366188   70.339492    0.461309
0.000150    0.128564   37.176476
0.85916     0.366188   70.339492    0.461309
0.000150    0.063400    8.122876
1.00000     0.366188   70.339492    0.461309
0.000150    0.251046    2.365628

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43664    -9.783216   -9.729067   -0.447475
-0.001137   -0.499487   -20.502096
0.57748    -9.783216   -9.729067   -0.447475
-0.001137   -0.311854   -16.542790
0.71832    -9.783216   -9.729067   -0.447475
-0.001137   -0.124214   -12.966719
0.85916    -9.783216   -9.729067   -0.447475
-0.001137   -0.064833   -9.604486
1.00000    -9.783216   -9.729067   -0.447475
-0.001137   -0.258330   -23.227553

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43664     4.885086  100.587222    0.716695
0.006234    0.777114  186.351058
0.57748     4.885086  100.587222    0.716695
0.006234    0.476739  146.701430
0.71832     4.885086  100.587222    0.716695
0.006234    0.198322  121.284467
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  2274
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FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.85916	4.885086	100.587222	0.716695
0.006234	0.106685	113.166867	
1.00000	4.885086	100.587222	0.716695
0.006234	0.345752	119.550915	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-12.394019	-92.590946	-0.613983
-0.007519	-0.684061	-50.490118	
0.57748	-12.394019	-92.590946	-0.613983
-0.007519	-0.426611	-25.275952	
0.71832	-12.394019	-92.590946	-0.613983
-0.007519	-0.169198	-18.307615	
0.85916	-12.394019	-92.590946	-0.613983
-0.007519	-0.126473	-13.512867	
1.00000	-12.394019	-92.590946	-0.613983
-0.007519	-0.426241	-11.880128	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	8.078068	90.901282	0.833114
0.004680	0.917571	177.761242	
0.57748	8.078068	90.901282	0.833114
0.004680	0.569443	142.434358	
0.71832	8.078068	90.901282	0.833114
0.004680	0.234291	117.466547	
0.85916	8.078068	90.901282	0.833114
0.004680	0.105914	106.351717	
1.00000	8.078068	90.901282	0.833114
0.004680	0.366727	117.376054	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-11.446177	-119.037457	-0.651710
-0.005545	-0.726377	-94.264624	
0.57748	-11.446177	-119.037457	-0.651710
-0.005545	-0.453107	-53.214823	
0.71832	-11.446177	-119.037457	-0.651710
-0.005545	-0.179861	-22.982073	
0.85916	-11.446177	-119.037457	-0.651710
-0.005545	-0.132203	-13.663917	
1.00000	-11.446177	-119.037457	-0.651710
-0.005545	-0.480758	-11.578477	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	9.513485	79.423730	0.882415
0.004213	0.974788	156.724787	
0.57748	9.513485	79.423730	0.882415
0.004213	0.604949	125.762453	
0.71832	9.513485	79.423730	0.882415
0.004213	0.247532	103.401957	
0.85916	9.513485	79.423730	0.882415
0.004213	0.115913	92.597338	
1.00000	9.513485	79.423730	0.882415
0.004213	0.415819	100.275059	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-10.049248	-114.540007	-0.739686
-0.004605	-0.824838	-124.835427	
0.57748	-10.049248	-114.540007	-0.739686
-0.004605	-0.514674	-84.393955	
0.71832	-10.049248	-114.540007	-0.739686
-0.004605	-0.204509	-53.312260	
0.85916	-10.049248	-114.540007	-0.739686
-0.004605	-0.136661	-40.126988	
1.00000	-10.049248	-114.540007	-0.739686
-0.004605	-0.506068	-32.520736	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	5.841970	9.116589	0.265610
0.005423	0.278430	49.869878	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2275

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.57748	5.841970	9.116589	0.265610
0.005423	0.167188	49.068839	
0.71832	5.841970	9.116589	0.265610
0.005423	0.074390	60.661747	
0.85916	5.841970	9.116589	0.265610
0.005423	0.036595	89.149900	
1.00000	5.841970	9.116589	0.265610
0.005423	0.081857	128.912074	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.780910	-100.018042	-0.144401
-0.005427	-0.160335	-45.448823	
0.57748	-0.780910	-100.018042	-0.144401
-0.005427	-0.099765	-15.126442	
0.71832	-0.780910	-100.018042	-0.144401
-0.005427	-0.039195	-3.722207	
0.85916	-0.780910	-100.018042	-0.144401
-0.005427	-0.057687	-2.958980	
1.00000	-0.780910	-100.018042	-0.144401
-0.005427	-0.168204	-2.282154	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	10.067850	9.834988	0.481144
0.005501	0.522191	54.342018	
0.57748	10.067850	9.834988	0.481144
0.005501	0.320668	53.392935	
0.71832	10.067850	9.834988	0.481144
0.005501	0.136280	64.265636	
0.85916	10.067850	9.834988	0.481144
0.005501	0.057377	90.962382	
1.00000	10.067850	9.834988	0.481144
0.005501	0.166615	133.129710	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-1.331690	-133.700656	-0.294482
-0.005088	-0.327324	-103.774845	
0.57748	-1.331690	-133.700656	-0.294482
-0.005088	-0.203840	-58.054380	
0.71832	-1.331690	-133.700656	-0.294482
-0.005088	-0.080654	-25.214790	
0.85916	-1.331690	-133.700656	-0.294482
-0.005088	-0.085137	-16.052535	
1.00000	-1.331690	-133.700656	-0.294482
-0.005088	-0.285941	-12.576481	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	9.118368	81.250520	0.732503
0.004039	0.808288	188.992888	
0.57748	9.118368	81.250520	0.732503
0.004039	0.501315	157.510506	
0.71832	9.118368	81.250520	0.732503
0.004039	0.206478	134.627563	
0.85916	9.118368	81.250520	0.732503
0.004039	0.091362	123.757785	
1.00000	9.118368	81.250520	0.732503
0.004039	0.319184	127.547419	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-8.928502	-117.245872	-0.567397
-0.004335	-0.632711	-105.266920	
0.57748	-8.928502	-117.245872	-0.567397
-0.004335	-0.394914	-63.502508	
0.71832	-8.928502	-117.245872	-0.567397
-0.004335	-0.157229	-31.224084	
0.85916	-8.928502	-117.245872	-0.567397
-0.004335	-0.114718	-20.917862	
1.00000	-8.928502	-117.245872	-0.567397
-0.004335	-0.421156	-15.482597	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
2276

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	10.305940	72.253696	0.815627
0.003687	0.902768	169.073264	
0.57748	10.305940	72.253696	0.815627
0.003687	0.560921	140.931123	
0.71832	10.305940	72.253696	0.815627
0.003687	0.229237	119.988599	
0.85916	10.305940	72.253696	0.815627
0.003687	0.106288	109.063151	
1.00000	10.305940	72.253696	0.815627
0.003687	0.386158	110.339537	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-7.675995	-109.300844	-0.687374
-0.003628	-0.766748	-134.095848	
0.57748	-7.675995	-109.300844	-0.687374
-0.003628	-0.476520	-94.489517	
0.71832	-7.675995	-109.300844	-0.687374
-0.003628	-0.190459	-62.767720	
0.85916	-7.675995	-109.300844	-0.687374
-0.003628	0.124495	-49.239064	
1.00000	-7.675995	-109.300844	-0.687374
-0.003628	-0.465945	-40.116478	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	4.280178	7.761817	0.324110
0.000478	0.362125	20.458447	
0.57748	4.280178	7.761817	0.324110
0.000478	0.226222	17.212991	
0.71832	4.280178	7.761817	0.324110
0.000478	0.090342	13.995762	
0.85916	4.280178	7.761817	0.324110
0.000478	0.047620	10.839374	
1.00000	4.280178	7.761817	0.324110
0.000478	0.190035	7.738182	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.254975	-16.313372	-0.339495
-6.90E-06	-0.379386	-70.839727	
0.57748	-0.254975	-16.313372	-0.339495
-6.90E-06	-0.237031	-64.157781	
0.71832	-0.254975	-16.313372	-0.339495
-6.90E-06	0.094667	-57.506202	
0.85916	-0.254975	-16.313372	-0.339495
-6.90E-06	-0.045547	-50.876700	
1.00000	-0.254975	-16.313372	-0.339495
-6.90E-06	-0.181499	-44.311202	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	7.952416	11.112227	0.530321
0.001069	0.592196	28.067709	
0.57748	7.952416	11.112227	0.530321
0.001069	0.369851	23.833041	
0.71832	7.952416	11.112227	0.530321
0.001069	0.148219	20.147836	
0.85916	7.952416	11.112227	0.530321
0.001069	0.077014	17.074320	
1.00000	7.952416	11.112227	0.530321
0.001069	0.304040	14.652740	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-1.017255	-42.676104	-0.542476
-0.000201	-0.605820	-124.693104	
0.57748	-1.017255	-42.676104	-0.542476
-0.000201	-0.378348	-107.785355	
0.71832	-1.017255	-42.676104	-0.542476
-0.000201	-0.150864	-91.926174	
0.85916	-1.017255	-42.676104	-0.542476
-0.000201	-0.075052	-76.487344	
1.00000	-1.017255	-42.676104	-0.542476
-0.000201	-0.297381	-61.559512	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
2277

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	11.159601	10.654791	0.670870
0.001455	0.751537	46.787547	
0.57748	11.159601	10.654791	0.670870
0.001455	0.470339	43.921434	
0.71832	11.159601	10.654791	0.670870
0.001455	0.190002	42.801230	
0.85916	11.159601	10.654791	0.670870
0.001455	0.080669	45.908346	
1.00000	11.159601	10.654791	0.670870
0.001455	0.315797	63.613266	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.945779	-95.200151	-0.563127
-0.000537	-0.629245	-155.007545	
0.57748	-0.945779	-95.200151	-0.563127
-0.000537	-0.393119	-116.055803	
0.71832	-0.945779	-95.200151	-0.563127
-0.000537	-0.156929	-79.291750	
0.85916	-0.945779	-95.200151	-0.563127
-0.000537	-0.092919	-65.171444	
1.00000	-0.945779	-95.200151	-0.563127
-0.000537	-0.373913	-55.722317	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	11.522514	57.956033	0.791092
0.004293	0.873294	152.635271	
0.57748	11.522514	57.956033	0.791092
0.004293	0.541745	139.650189	
0.71832	11.522514	57.956033	0.791092
0.004293	0.222190	117.032595	
0.85916	11.522514	57.956033	0.791092
0.004293	0.104495	114.890412	
1.00000	11.522514	57.956033	0.791092
0.004293	0.373148	124.489397	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-5.426648	-114.978197	-0.664212
-0.003882	-0.740916	-144.790742	
0.57748	-5.426648	-114.978197	-0.664212
-0.003882	-0.462403	-103.934396	
0.71832	-5.426648	-114.978197	-0.664212
-0.003882	-0.184172	-72.184868	
0.85916	-5.426648	-114.978197	-0.664212
-0.003882	-0.123243	-58.480793	
1.00000	-5.426648	-114.978197	-0.664212
-0.003882	-0.454364	-49.053082	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.343425	68.554589	0.871861
0.000153	0.974612	91.124102	
0.57748	0.343425	68.554589	0.871861
0.000153	0.608998	62.744192	
0.71832	0.343425	68.554589	0.871861
0.000153	0.243491	34.675385	
0.85916	0.343425	68.554589	0.871861
0.000153	0.087133	7.848380	
1.00000	0.343425	68.554589	0.871861
0.000153	0.351269	2.664961	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-9.419157	-12.175087	-0.629542
-0.001069	-0.703412	-29.206181	
0.57748	-9.419157	-12.175087	-0.629542
-0.001069	-0.439295	-24.438981	
0.71832	-9.419157	-12.175087	-0.629542
-0.001069	-0.174433	-20.118308	
0.85916	-9.419157	-12.175087	-0.629542
-0.001069	-0.122234	-16.924186	
1.00000	-9.419157	-12.175087	-0.629542
-0.001069	-0.487781	-33.819492	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
2278

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	5.351560	96.648344	1.245844
0.006207	1.366148	183.691438	
0.57748	5.351560	96.648344	1.245844
0.006207	0.845824	148.163801	
0.71832	5.351560	96.648344	1.245844
0.006207	0.344916	125.716849	
0.85916	5.351560	96.648344	1.245844
0.006207	0.168470	119.548000	
1.00000	5.351560	96.648344	1.245844
0.006207	0.585353	127.751770	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-11.607290	-92.490503	-1.007644
-0.007421	-1.120938	-65.255974	
0.57748	-11.607290	-92.490503	-1.007644
-0.007421	-0.699597	-34.669681	
0.71832	-11.607290	-92.490503	-1.007644
-0.007421	-0.277870	-26.066881	
0.85916	-11.607290	-92.490503	-1.007644
-0.007421	-0.204109	-20.134712	
1.00000	-11.607290	-92.490503	-1.007644
-0.007421	-0.725517	-24.432067	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	7.964182	87.329931	1.406421
0.004758	1.554471	171.140475	
0.57748	7.964182	87.329931	1.406421
0.004758	0.966327	139.577479	
0.71832	7.964182	87.329931	1.406421
0.004758	0.391999	118.763653	
0.85916	7.964182	87.329931	1.406421
0.004758	0.232327	116.483803	
1.00000	7.964182	87.329931	1.406421
0.004758	0.632025	131.637428	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-10.657051	-115.268635	-1.101568
-0.005641	-1.227035	-97.739797	
0.57748	-10.657051	-115.268635	-1.101568
-0.005641	-0.766072	-56.373964	
0.71832	-10.657051	-115.268635	-1.101568
-0.005641	-0.305107	-31.288922	
0.85916	-10.657051	-115.268635	-1.101568
-0.005641	-0.216946	-19.875122	
1.00000	-10.657051	-115.268635	-1.101568
-0.005641	-0.805902	-22.932846	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	9.152897	77.353024	1.541621
0.004237	1.708981	154.077533	
0.57748	9.152897	77.353024	1.541621
0.004237	1.063536	125.874930	
0.71832	9.152897	77.353024	1.541621
0.004237	0.430151	106.626766	
0.85916	9.152897	77.353024	1.541621
0.004237	0.186421	102.756565	
1.00000	9.152897	77.353024	1.541621
0.004237	0.693576	113.393699	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-9.407943	-113.367521	-1.216215
-0.004685	-1.355828	-132.999367	
0.57748	-9.407943	-113.367521	-1.216215
-0.004685	-0.846638	-91.453466	
0.71832	-9.407943	-113.367521	-1.216215
-0.004685	-0.336941	-63.595748	
0.85916	-9.407943	-113.367521	-1.216215
-0.004685	-0.231416	-47.521111	
1.00000	-9.407943	-113.367521	-1.216215
-0.004685	-0.676770	-43.351321	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
2279

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	5.804474	9.476245	0.341323
0.004531	0.363562	54.365393	
0.57748	5.804474	9.476245	0.341323
0.004531	0.221903	55.910045	
0.71832	5.804474	9.476245	0.341323
0.004531	0.093713	68.782106	
0.85916	5.804474	9.476245	0.341323
0.004531	0.067686	96.434127	
1.00000	5.804474	9.476245	0.341323
0.004531	0.207896	129.699743	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.755094	-88.159673	-0.343467
-0.004558	-0.379783	-46.095237	
0.57748	-0.755094	-88.159673	-0.343467
-0.004558	-0.236721	-16.523509	
0.71832	-0.755094	-88.159673	-0.343467
-0.004558	-0.093868	-4.950199	
0.85916	-0.755094	-88.159673	-0.343467
-0.004558	-0.067975	-3.917032	
1.00000	-0.755094	-88.159673	-0.343467
-0.004558	-0.210473	-2.889765	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	9.321625	10.826916	0.731339
0.004699	0.800935	56.441692	
0.57748	9.321625	10.826916	0.731339
0.004699	0.495615	57.191277	
0.71832	9.321625	10.826916	0.731339
0.004699	0.203648	68.762380	
0.85916	9.321625	10.826916	0.731339
0.004699	0.102332	99.285538	
1.00000	9.321625	10.826916	0.731339
0.004699	0.347397	137.863637	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-1.291903	-119.967898	-0.592346
-0.004402	-0.657914	-97.215001	
0.57748	-1.291903	-119.967898	-0.592346
-0.004402	-0.410490	-54.026455	
0.71832	-1.291903	-119.967898	-0.592346
-0.004402	-0.163266	-26.830962	
0.85916	-1.291903	-119.967898	-0.592346
-0.004402	-0.121208	-16.650875	
1.00000	-1.291903	-119.967898	-0.592346
-0.004402	-0.426756	-12.570744	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	8.371399	79.032084	1.225927
0.003208	1.360652	189.332732	
0.57748	8.371399	79.032084	1.225927
0.003208	0.847431	160.337983	
0.71832	8.371399	79.032084	1.225927
0.003208	0.343036	139.255108	
0.85916	8.371399	79.032084	1.225927
0.003208	0.153732	132.913666	
1.00000	8.371399	79.032084	1.225927
0.003208	0.576229	133.988210	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-8.134633	-105.825883	-1.013010
-0.003541	-1.129391	-103.363111	
0.57748	-8.134633	-105.825883	-1.013010
-0.003541	-0.705395	-64.273191	
0.71832	-8.134633	-105.825883	-1.013010
-0.003541	-0.280419	-36.280239	
0.85916	-8.134633	-105.825883	-1.013010
-0.003541	-0.183001	-24.169025	
1.00000	-8.134633	-105.825883	-1.013010
-0.003541	-0.696262	-17.411761	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
2280

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	9.674027	71.816949	1.399581
0.002969	1.557027	173.913919	
0.57748	9.674027	71.816949	1.399581
0.002969	0.970899	147.287314	
0.71832	9.674027	71.816949	1.399581
0.002969	0.391949	127.202245	
0.85916	9.674027	71.816949	1.399581
0.002969	0.176951	119.484380	
1.00000	9.674027	71.816949	1.399581
0.002969	0.674461	118.025342	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-7.036296	-102.692938	-1.191213
-0.002965	-1.329110	-141.099450	
0.57748	-7.036296	-102.692938	-1.191213
-0.002965	-0.830045	-102.543397	
0.71832	-7.036296	-102.692938	-1.191213
-0.002965	-0.330514	-73.275143	
0.85916	-7.036296	-102.692938	-1.191213
-0.002965	-0.203871	-57.105446	
1.00000	-7.036296	-102.692938	-1.191213
-0.002965	-0.789493	-45.700612	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	4.436080	10.284913	0.579125
0.000442	0.648746	28.769034	
0.57748	4.436080	10.284913	0.579125
0.000442	0.405853	24.466319	
0.71832	4.436080	10.284913	0.579125
0.000442	0.162708	20.185416	
0.85916	4.436080	10.284913	0.579125
0.000442	0.080830	15.904404	
1.00000	4.436080	10.284913	0.579125
0.000442	0.323176	11.730433	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.270975	-20.243567	-0.577252
-4.05E-06	-0.644978	-85.300701	
0.57748	-0.270975	-20.243567	-0.577252
-4.05E-06	-0.402819	-76.907650	
0.71832	-0.270975	-20.243567	-0.577252
-4.05E-06	-0.160724	-68.514644	
0.85916	-0.270975	-20.243567	-0.577252
-4.05E-06	-0.078605	-60.243127	
1.00000	-0.270975	-20.243567	-0.577252
-4.05E-06	-0.320477	-52.025661	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	7.639394	14.355871	1.006661
0.000918	1.126002	38.534824	
0.57748	7.639394	14.355871	1.006661
0.000918	0.703517	32.805104	
0.71832	7.639394	14.355871	1.006661
0.000918	0.282143	27.387039	
0.85916	7.639394	14.355871	1.006661
0.000918	0.125453	22.487571	
1.00000	7.639394	14.355871	1.006661
0.000918	0.498231	18.462292	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-1.108994	-47.440547	-0.889199
-0.000130	-0.993426	-142.399376	
0.57748	-1.108994	-47.440547	-0.889199
-0.000130	-0.620534	-123.081146	
0.71832	-1.108994	-47.440547	-0.889199
-0.000130	-0.247656	-104.503624	
0.85916	-1.108994	-47.440547	-0.889199
-0.000130	-0.138341	-86.922156	
1.00000	-1.108994	-47.440547	-0.889199
-0.000130	-0.558904	-70.129511	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	10.477938	13.391116	1.121761
0.001000	1.256502	52.952355	
0.57748	10.477938	13.391116	1.121761
0.001000	0.785931	49.961853	
0.71832	10.477938	13.391116	1.121761
0.001000	0.315715	49.732491	
0.85916	10.477938	13.391116	1.121761
0.001000	0.138083	58.002251	
1.00000	10.477938	13.391116	1.121761
0.001000	0.552136	73.648631	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.950106	-91.005789	-0.985618
-0.000219	-1.100482	-161.113022	
0.57748	-0.950106	-91.005789	-0.985618
-0.000219	-0.687307	-125.268776	
0.71832	-0.950106	-91.005789	-0.985618
-0.000219	-0.273739	-91.922709	
0.85916	-0.950106	-91.005789	-0.985618
-0.000219	-0.153378	-75.474409	
1.00000	-0.950106	-91.005789	-0.985618
-0.000219	-0.622321	-63.340773	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	10.901278	59.419132	1.335427
0.003257	1.484564	163.195432	
0.57748	10.901278	59.419132	1.335427
0.003257	0.925255	142.003467	
0.71832	10.901278	59.419132	1.335427
0.003257	0.373818	127.840270	
0.85916	10.901278	59.419132	1.335427
0.003257	0.179345	126.482102	
1.00000	10.901278	59.419132	1.335427
0.003257	0.681548	131.211453	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-5.023243	-106.125249	-1.201888
-0.002919	-1.340488	-153.913546	
0.57748	-5.023243	-106.125249	-1.201888
-0.002919	-0.857136	-114.234314	
0.71832	-5.023243	-106.125249	-1.201888
-0.002919	-0.333306	-84.597540	
0.85916	-5.023243	-106.125249	-1.201888
-0.002919	-0.195789	-68.678047	
1.00000	-5.023243	-106.125249	-1.201888
-0.002919	-0.753909	-56.533931	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	11.522514	100.587222	0.882415
0.006234	1.708981	189.293732	
0.57748	11.522514	100.587222	0.882415
0.006234	0.604949	157.510506	
0.71832	11.522514	100.587222	0.882415
0.006234	0.247532	134.627563	
0.85916	11.522514	100.587222	0.882415
0.006234	0.115913	123.757785	
1.00000	11.522514	100.587222	0.882415
0.006234	0.415819	133.129710	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-12.394019	-133.700656	-0.739686
-0.007519	-0.824838	-155.007545	
0.57748	-12.394019	-133.700656	-0.739686
-0.007519	-0.514674	-116.055803	
0.71832	-12.394019	-133.700656	-0.739686
-0.007519	-0.204609	-91.926174	
0.85916	-12.394019	-133.700656	-0.739686
-0.007519	-0.136661	-76.487344	
1.00000	-12.394019	-133.700656	-0.739686
-0.007519	-0.506068	-61.559512	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	10.901278	96.648344	1.541621
0.006207	1.708981	189.293732	
0.57748	10.901278	96.648344	1.541621
0.006207	1.063536	160.337983	
0.71832	10.901278	96.648344	1.541621
0.006207	0.430151	139.255108	
0.85916	10.901278	96.648344	1.541621
0.006207	0.186421	132.913666	
1.00000	10.901278	96.648344	1.541621
0.006207	0.693576	137.863637	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-11.607290	-119.967898	-1.216215
-0.007421	-1.355828	-161.113022	
0.57748	-11.607290	-119.967898	-1.216215
-0.007421	-0.846638	-125.268776	
0.71832	-11.607290	-119.967898	-1.216215
-0.007421	-0.336941	-104.503624	
0.85916	-11.607290	-119.967898	-1.216215
-0.007421	-0.231416	-86.922156	
1.00000	-11.607290	-119.967898	-1.216215
-0.007421	-0.876770	-70.129511	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	11.522514	100.587222	1.541621
0.006234	1.708981	189.293732	
0.57748	11.522514	100.587222	1.541621
0.006234	1.063536	160.337983	
0.71832	11.522514	100.587222	1.541621
0.006234	0.430151	139.255108	
0.85916	11.522514	100.587222	1.541621
0.006234	0.186421	132.913666	
1.00000	11.522514	100.587222	1.541621
0.006234	0.693576	137.863637	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-12.394019	-133.700656	-1.216215
-0.007519	-1.355828	-161.113022	
0.57748	-12.394019	-133.700656	-1.216215
-0.007519	-0.846638	-125.268776	
0.71832	-12.394019	-133.700656	-1.216215
-0.007519	-0.336941	-104.503624	
0.85916	-12.394019	-133.700656	-1.216215
-0.007519	-0.231416	-86.922156	
1.00000	-12.394019	-133.700656	-1.216215
-0.007519	-0.876770	-70.129511	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	11.522514	100.587222	1.541621
0.006234	1.708981	189.293732	
0.57748	11.522514	100.587222	1.541621
0.006234	1.063536	160.337983	
0.71832	11.522514	100.587222	1.541621
0.006234	0.430151	139.255108	
0.85916	11.522514	100.587222	1.541621
0.006234	0.186421	132.913666	
1.00000	11.522514	100.587222	1.541621
0.006234	0.693576	137.863637	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-12.394019	-133.700656	-1.216215
-0.007519	-1.355828	-161.113022	
0.57748	-12.394019	-133.700656	-1.216215
-0.007519	-0.846638	-125.268776	
0.71832	-12.394019	-133.700656	-1.216215
-0.007519	-0.336941	-104.503624	
0.85916	-12.394019	-133.700656	-1.216215
-0.007519	-0.231416	-86.922156	
1.00000	-12.394019	-133.700656	-1.216215
-0.007519	-0.876770	-70.129511	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-14.190510	-78.324101	-0.653971
-0.005529	-0.587509	-117.613506	
0.56337	-14.190510	-78.324101	-0.653971
-0.005529	-0.951794	-168.541988	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.042852	115.642961	0.913914
0.004043	0.528711	100.457683	
0.14084	8.042852	115.642961	0.913914
0.004043	0.145862	103.990519	
0.28169	8.042852	115.642961	0.913914
0.004043	0.205587	112.747607	
0.42253	8.042852	115.642961	0.913914
0.004043	0.517225	133.024470	
0.56337	8.042852	115.642961	0.913914
0.004043	0.829055	162.810191	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.329319	-81.023026	-0.743613
-0.004632	-0.419197	-32.553893	
0.14084	-12.329319	-81.023026	-0.743613
-0.004632	-0.118164	-55.429122	
0.28169	-12.329319	-81.023026	-0.743613
-0.004632	-0.251715	-79.055244	
0.42253	-12.329319	-81.023026	-0.743613
-0.004632	-0.621874	-105.459080	
0.56337	-12.329319	-81.023026	-0.743613
-0.004632	-1.005087	-144.799396	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.541155	63.736543	0.279775
0.005080	0.178376	129.196702	
0.14084	3.541155	63.736543	0.279775
0.005080	0.061722	121.442924	
0.28169	3.541155	63.736543	0.279775
0.005080	0.038959	113.851464	
0.42253	3.541155	63.736543	0.279775
0.005080	0.097069	121.271120	
0.56337	3.541155	63.736543	0.279775
0.005080	0.155462	139.922389	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.245503	-49.650162	-0.139167
-0.005244	-0.070353	-2.257466	
0.14084	-4.245503	-49.650162	-0.139167
-0.005244	-0.036990	-1.683365	
0.28169	-4.245503	-49.650162	-0.139167
-0.005244	-0.076766	-1.531238	
0.42253	-4.245503	-49.650162	-0.139167
-0.005244	-0.174701	-3.375812	
0.56337	-4.245503	-49.650162	-0.139167
-0.005244	-0.291980	-22.945576	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.997231	60.684476	0.510994
0.005121	0.307039	133.380977	
0.14084	7.997231	60.684476	0.510994
0.005121	0.093426	138.995764	
0.28169	7.997231	60.684476	0.510994
0.005121	0.080574	148.218415	
0.42253	7.997231	60.684476	0.510994
0.005121	0.201283	171.962511	
0.56337	7.997231	60.684476	0.510994
0.005121	0.322388	206.064268	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.545954	-87.372870	-0.288788
-0.005078	-0.163316	-12.573116	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-4.545954	-87.372870	-0.288788
-0.005078	-0.057165	-9.137365	
0.28169	-4.545954	-87.372870	-0.288788
-0.005078	-0.140753	-6.655537	
0.42253	-4.545954	-87.372870	-0.288788
-0.005078	0.336987	-7.985358	
0.56337	-4.545954	-87.372870	-0.288788
-0.005078	-0.551228	-27.057842	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.677167	116.467872	0.766372
0.003803	0.445419	127.690439	
0.14084	7.677167	116.467872	0.766372
0.003803	0.124499	120.462523	
0.28169	7.677167	116.467872	0.766372
0.003803	0.157549	132.681915	
0.42253	7.677167	116.467872	0.766372
0.003803	0.396548	157.839359	
0.56337	7.677167	116.467872	0.766372
0.003803	0.635554	191.286857	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.144898	-84.625070	-0.569753
-0.004517	-0.320953	-15.471186	
0.14084	-11.144898	-84.625070	-0.569753
-0.004517	-0.092888	-11.631466	
0.28169	-11.144898	-84.625070	-0.569753
-0.004517	-0.210977	-45.969852	
0.42253	-11.144898	-84.625070	-0.569753
-0.004517	-0.519569	-77.385343	
0.56337	-11.144898	-84.625070	-0.569753
-0.004517	-0.840912	-121.647369	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.130639	101.807508	0.846971
0.003676	0.408389	110.464461	
0.14084	9.130639	101.807508	0.846971
0.003676	0.133474	102.545828	
0.28169	9.130639	101.807508	0.846971
0.003676	0.191243	111.103696	
0.42253	9.130639	101.807508	0.846971
0.003676	0.481158	131.480139	
0.56337	9.130639	101.807508	0.846971
0.003676	0.771288	159.080965	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.540434	-82.063455	-0.691867
-0.003772	-0.369989	-40.116784	
0.14084	-9.540434	-82.063455	-0.691867
-0.003772	-0.108641	-37.310440	
0.28169	-9.540434	-82.063455	-0.691867
-0.003772	-0.233459	-56.191064	
0.42253	-9.540434	-82.063455	-0.691867
-0.003772	-0.577929	-77.322524	
0.56337	-9.540434	-82.063455	-0.691867
-0.003772	-0.933075	-109.035476	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.325320	7.907774	0.329663
0.000787	0.185294	7.746176	
0.14084	4.325320	7.907774	0.329663
0.000787	0.047036	4.806885	
0.28169	4.325320	7.907774	0.329663
0.000787	0.095096	2.399666	
0.42253	4.325320	7.907774	0.329663
0.000787	0.239856	2.440911	
0.56337	4.325320	7.907774	0.329663
0.000787	0.384607	2.600115	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250958	-16.421980	-0.345187
-1.47E-05	-0.194399	-44.325892	
0.14084	-0.250958	-16.421980	-0.345187
-1.47E-05	0.049569	-37.880314	
0.28169	-0.250958	-16.421980	-0.345187
-1.47E-05	-0.091213	-31.577518	
0.42253	-0.250958	-16.421980	-0.345187
-1.47E-05	-0.229432	-25.319448	
0.56337	-0.250958	-16.421980	-0.345187
-1.47E-05	-0.367672	-19.100389	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.953824	13.336978	0.542222
0.001548	0.305584	14.674225	
0.14084	7.953824	13.336978	0.542222
0.001548	0.078290	12.819142	
0.28169	7.953824	13.336978	0.542222
0.001548	0.151529	16.868337	
0.42253	7.953824	13.336978	0.542222
0.001548	0.381668	24.619309	
0.56337	7.953824	13.336978	0.542222
0.001548	0.611808	33.475572	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.138702	-41.345468	-0.548805
-0.000346	-0.308778	-61.585584	
0.14084	-1.138702	-41.345468	-0.548805
-0.000346	-0.079129	-49.912458	
0.28169	-1.138702	-41.345468	-0.548805
-0.000346	-0.150007	-39.026892	
0.42253	-1.138702	-41.345468	-0.548805
-0.000346	-0.376604	-30.681560	
0.56337	-1.138702	-41.345468	-0.548805
-0.000346	-0.603979	-24.588915	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.190704	14.084892	0.704718
0.001469	0.397444	63.610964	
0.14084	11.190704	14.084892	0.704718
0.001469	0.101963	86.439385	
0.28169	11.190704	14.084892	0.704718
0.001469	0.157442	112.928304	
0.42253	11.190704	14.084892	0.704718
0.001469	0.395513	143.090109	
0.56337	11.190704	14.084892	0.704718
0.001469	0.633571	174.380014	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.137152	-93.236167	-0.567648
-0.000497	-0.318590	-55.737013	
0.14084	-1.137152	-93.236167	-0.567648
-0.000497	-0.081538	-46.235129	
0.28169	-1.137152	-93.236167	-0.567648
-0.000497	-0.195026	-37.242873	
0.42253	-1.137152	-93.236167	-0.567648
-0.000497	-0.489348	-30.054484	
0.56337	-1.137152	-93.236167	-0.567648
-0.000497	-0.784861	-25.016858	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.118560	93.151732	0.821319
0.004348	0.475837	124.653704	
0.14084	10.118560	93.151732	0.821319
0.004348	0.131845	112.918149	
0.28169	10.118560	93.151732	0.821319
0.004348	0.184797	116.191212	
0.42253	10.118560	93.151732	0.821319
0.004348	0.464729	132.911492	
0.56337	10.118560	93.151732	0.821319
0.004348	0.744979	159.143876	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.640732	-82.691592	-0.668336
-0.004062	-0.376946	-49.058198	
0.14084	-7.640732	-82.691592	-0.668336
-0.004062	-0.107049	-39.666522	
0.28169	-7.640732	-82.691592	-0.668336
-0.004062	-0.226474	-46.535317	
0.42253	-7.640732	-82.691592	-0.668336
-0.004062	-0.588253	-60.009432	
0.56337	-7.640732	-82.691592	-0.668336
-0.004062	-0.902633	-86.039765	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.352434	68.063888	0.876554
4.24E-06	0.492671	2.660532	
0.14084	0.352434	68.063888	0.876554
4.24E-06	0.125130	2.886627	
0.28169	0.352434	68.063888	0.876554
4.24E-06	0.176854	4.540308	
0.42253	0.352434	68.063888	0.876554
4.24E-06	0.449588	9.237522	
0.56337	0.352434	68.063888	0.876554
4.24E-06	0.721823	14.020999	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.396128	-12.076109	-0.648427
-0.000999	-0.364949	-33.838005	
0.14084	-9.396128	-12.076109	-0.648427
-0.000999	-0.092649	-58.694596	
0.28169	-9.396128	-12.076109	-0.648427
-0.000999	-0.242524	-84.252187	
0.42253	-9.396128	-12.076109	-0.648427
-0.000999	-0.610109	-112.325726	
0.56337	-9.396128	-12.076109	-0.648427
-0.000999	-0.977673	-140.499585	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.174050	158.528275	1.258087
0.006110	0.736677	127.789626	
0.14084	2.174050	158.528275	1.258087
0.006110	0.209925	102.072675	
0.28169	2.174050	158.528275	1.258087
0.006110	0.279029	78.838254	
0.42253	2.174050	158.528275	1.258087
0.006110	0.707697	75.542873	
0.56337	2.174050	158.528275	1.258087
0.006110	1.136111	85.766912	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.461478	-33.336052	-1.024922
-0.007525	-0.603423	-24.446470	
0.14084	-15.461478	-33.336052	-1.024922
-0.007525	-0.176689	-54.518298	
0.28169	-15.461478	-33.336052	-1.024922
-0.007525	-0.345408	-86.216421	
0.42253	-15.461478	-33.336052	-1.024922
-0.007525	-0.849858	-123.478998	
0.56337	-15.461478	-33.336052	-1.024922
-0.007525	-1.375741	-186.458812	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.771147	131.168807	1.423590
0.004480	0.819583	131.642136	
0.14084	5.771147	131.168807	1.423590
0.004480	0.223410	132.950914	
0.28169	5.771147	131.168807	1.423590
0.004480	0.305950	136.611794	
0.42253	5.771147	131.168807	1.423590
0.004480	0.773251	154.979416	
0.56337	5.771147	131.168807	1.423590
0.004480	1.239951	183.003791	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.374822	-73.739915	-1.115713
-0.005665	-0.645818	-22.943077	
0.14084	-13.374822	-73.739915	-1.115713
-0.005665	-0.179701	-51.237604	
0.28169	-13.374822	-73.739915	-1.115713
-0.005665	-0.393701	-80.878134	
0.42253	-13.374822	-73.739915	-1.115713
-0.005665	-0.974184	-114.946180	
0.56337	-13.374822	-73.739915	-1.115713
-0.005665	-1.569863	-167.291861	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.353283	113.801658	1.561342
0.004160	0.892281	113.406361	
0.14084	7.353283	113.801658	1.561342
0.004160	0.238849	112.900965	
0.28169	7.353283	113.801658	1.561342
0.004160	0.338532	116.757744	
0.42253	7.353283	113.801658	1.561342
0.004160	0.854102	134.548976	
0.56337	7.353283	113.801658	1.561342
0.004160	1.369259	162.244397	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.662963	-79.112012	-1.230664
-0.004743	-0.706939	-73.372857	
0.14084	-11.662963	-79.112012	-1.230664
-0.004743	-0.192226	-60.403737	
0.28169	-11.662963	-79.112012	-1.230664
-0.004743	-0.431918	-79.772882	
0.42253	-11.662963	-79.112012	-1.230664
-0.004743	-1.072709	-104.320861	
0.56337	-11.662963	-79.112012	-1.230664
-0.004743	-1.726702	-145.622504	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.617874	53.368313	0.350663
0.004281	0.217441	129.710435	
0.14084	3.617874	53.368313	0.350663
0.004281	0.070648	125.148317	
0.28169	3.617874	53.368313	0.350663
0.004281	0.092583	120.858358	
0.42253	3.617874	53.368313	0.350663
0.004281	0.233172	128.590449	
0.56337	3.617874	53.368313	0.350663
0.004281	0.374294	145.748880	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.478718	-47.202447	-0.339056
-0.004445	-0.208717	-2.876714	
0.14084	-3.478718	-47.202447	-0.339056
-0.004445	-0.069068	-1.961688	
0.28169	-3.478718	-47.202447	-0.339056
-0.004445	-0.069650	-1.504553	
0.42253	-3.478718	-47.202447	-0.339056
-0.004445	-0.226498	-3.189855	
0.56337	-3.478718	-47.202447	-0.339056
-0.004445	-0.372367	-22.905240	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.271652	52.801438	0.743066
0.004437	0.435049	137.868655	
0.14084	7.271652	52.801438	0.743066
0.004437	0.121506	144.228165	
0.28169	7.271652	52.801438	0.743066
0.004437	0.162704	154.098544	
0.42253	7.271652	52.801438	0.743066
0.004437	0.407243	176.212742	
0.56337	7.271652	52.801438	0.743066
0.004437	0.652157	207.554056	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.881177	-81.226008	-0.586940
-0.004428	-0.346560	-12.563309	
0.14084	-3.881177	-81.226008	-0.586940
-0.004428	-0.102385	-8.881940	
0.28169	-3.881177	-81.226008	-0.586940
-0.004428	-0.205829	-7.259257	
0.42253	-3.881177	-81.226008	-0.586940
-0.004428	-0.701767	-8.329362	
0.56337	-3.881177	-81.226008	-0.586940
-0.004428	-0.812392	-27.402948	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.068521	105.507648	1.243754
0.003064	0.709712	133.948552	
0.14084	7.068521	105.507648	1.243754
0.003064	0.188811	124.500982	
0.28169	7.068521	105.507648	1.243754
0.003064	0.281063	137.128418	
0.42253	7.068521	105.507648	1.243754
0.003064	0.709275	162.187743	
0.56337	7.068521	105.507648	1.243754
0.003064	1.136820	193.599913	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.771691	-80.800791	-1.021775
-0.003759	-0.585106	-17.389116	
0.14084	-9.771691	-80.800791	-1.021775
-0.003759	-0.157865	-17.097500	
0.28169	-9.771691	-80.800791	-1.021775
-0.003759	-0.344905	-41.700682	
0.42253	-9.771691	-80.800791	-1.021775
-0.003759	-0.856183	-71.058087	
0.56337	-9.771691	-80.800791	-1.021775
-0.003759	-1.377156	-112.620457	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.602565	94.113846	1.426111
0.003021	0.809069	118.003674	
0.14084	8.602565	94.113846	1.426111
0.003021	0.212374	107.559695	
0.28169	8.602565	94.113846	1.426111
0.003021	0.331506	115.337791	
0.42253	8.602565	94.113846	1.426111
0.003021	0.835243	135.146795	
0.56337	8.602565	94.113846	1.426111
0.003021	1.338672	161.143730	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.410958	-81.856399	-1.201986
-0.003137	-0.684371	-45.697224	
0.14084	-8.410958	-81.856399	-1.201986
-0.003137	-0.181288	-39.615210	
0.28169	-8.410958	-81.856399	-1.201986
-0.003137	-0.394925	-53.917048	
0.42253	-8.410958	-81.856399	-1.201986
-0.003137	-0.984606	-73.739067	
0.56337	-8.410958	-81.856399	-1.201986
-0.003137	-1.582155	-104.132826	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.464558	10.438067	0.601260
0.000746	0.337077	11.747998	
0.14084	4.464558	10.438067	0.601260
0.000746	0.084860	7.713130	
0.28169	4.464558	10.438067	0.601260
0.000746	0.161358	3.992987	
0.42253	4.464558	10.438067	0.601260
0.000746	0.405444	3.172418	
0.56337	4.464558	10.438067	0.601260
0.000746	0.649569	3.508828	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.267659	-20.420844	-0.581919
-1.10E-05	-0.326490	-52.046406	
0.14084	-0.267659	-20.420844	-0.581919
-1.10E-05	-0.082245	-43.868113	
0.28169	-0.267659	-20.420844	-0.581919
-1.10E-05	-0.165932	-35.800132	
0.42253	-0.267659	-20.420844	-0.581919
-1.10E-05	-0.418360	-29.899822	
0.56337	-0.267659	-20.420844	-0.581919
-1.10E-05	-0.670575	-25.068774	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.626575	15.840895	1.031366
0.001369	0.576390	18.485728	
0.14084	7.626575	15.840895	1.031366
0.001369	0.146273	16.059279	
0.28169	7.626575	15.840895	1.031366
0.001369	0.248670	18.830096	
0.42253	7.626575	15.840895	1.031366
0.001369	0.624315	26.633944	
0.56337	7.626575	15.840895	1.031366
0.001369	0.999993	36.178368	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.179988	-46.766691	-0.895743
-0.000270	-0.502747	-70.165068	
0.14084	-1.179988	-46.766691	-0.895743
-0.000270	-0.127223	-55.688709	
0.28169	-1.179988	-46.766691	-0.895743
-0.000270	-0.285242	-44.103238	
0.42253	-1.179988	-46.766691	-0.895743
-0.000270	-0.717045	-36.226394	
0.56337	-1.179988	-46.766691	-0.895743
-0.000270	-1.149974	-31.132233	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.599224	13.573497	1.152583
0.000978	0.643167	73.638111	
0.14084	10.599224	13.573497	1.152583
0.000978	0.161993	94.048969	
0.28169	10.599224	13.573497	1.152583
0.000978	0.274426	117.978943	
0.42253	10.599224	13.573497	1.152583
0.000978	0.689026	145.960126	
0.56337	10.599224	13.573497	1.152583
0.000978	1.103308	175.188268	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.936336	-92.009109	-0.988220
-6.79E-05	-0.553264	-63.356625	
0.14084	-0.936336	-92.009109	-0.988220
-6.79E-05	-0.138495	-51.459503	
0.28169	-0.936336	-92.009109	-0.988220
-6.79E-05	-0.070351	-41.373422	
0.42253	-0.936336	-92.009109	-0.988220
-6.79E-05	-0.803544	-34.457241	
0.56337	-0.936336	-92.009109	-0.988220
-6.79E-05	-1.287050	-29.344240	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.733600	83.773194	1.366368
0.003305	0.775834	131.200797	
0.14084	9.733600	83.773194	1.366368
0.003305	0.204827	119.940149	
0.28169	9.733600	83.773194	1.366368
0.003305	0.333574	122.741491	
0.42253	9.733600	83.773194	1.366368
0.003305	0.839747	140.147443	
0.56337	9.733600	83.773194	1.366368
0.003305	1.345825	164.983843	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.520984	-83.492191	-1.208217
-0.003028	-0.688205	-56.537043	
0.14084	-6.520984	-83.492191	-1.208217
-0.003028	-0.182778	-44.776479	
0.28169	-6.520984	-83.492191	-1.208217
-0.003028	-0.378098	-47.608728	
0.42253	-6.520984	-83.492191	-1.208217
-0.003028	-0.941915	-59.642938	
0.56337	-6.520984	-83.492191	-1.208217
-0.003028	-1.514376	-83.906060	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.190704	164.955596	0.913914
0.006075	0.528711	133.380977	
0.14084	11.190704	164.955596	0.913914
0.006075	0.145862	138.995764	
0.28169	11.190704	164.955596	0.913914
0.006075	0.220587	148.784815	
0.42253	11.190704	164.955596	0.913914
0.006075	0.517225	171.662511	
0.56337	11.190704	164.955596	0.913914
0.006075	0.829055	206.064268	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.470671	-93.236167	-0.743613
-0.007558	-0.419197	-61.585584	
0.14084	-16.470671	-93.236167	-0.743613
-0.007558	-0.118164	-55.429122	
0.28169	-16.470671	-93.236167	-0.743613
-0.007558	-0.251715	-85.982113	
0.42253	-16.470671	-93.236167	-0.743613
-0.007558	-0.621874	-125.780574	
0.56337	-16.470671	-93.236167	-0.743613
-0.007558	-1.005087	-186.785113	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.599224	158.528275	1.561342
0.006110	0.892281	137.868655	
0.14084	10.599224	158.528275	1.561342
0.006110	0.238849	144.228165	
0.28169	10.599224	158.528275	1.561342
0.006110	0.338532	154.098544	
0.42253	10.599224	158.528275	1.561342
0.006110	0.854102	176.212742	
0.56337	10.599224	158.528275	1.561342
0.006110	1.369259	207.554056	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.461478	-92.009109	-1.230664
-0.007525	-0.706939	-70.165068	
0.14084	-15.461478	-92.009109	-1.230664
-0.007525	-0.192226	-60.403737	
0.28169	-15.461478	-92.009109	-1.230664
-0.007525	-0.431918	-86.216421	
0.42253	-15.461478	-92.009109	-1.230664
-0.007525	-1.072709	-123.478998	
0.56337	-15.461478	-92.009109	-1.230664
-0.007525	-1.726702	-186.458812	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.190704	164.955596	1.561342
0.006110	0.892281	137.868655	
0.14084	11.190704	164.955596	1.561342
0.006110	0.238849	144.228165	
0.28169	11.190704	164.955596	1.561342
0.006110	0.338532	154.098544	
0.42253	11.190704	164.955596	1.561342
0.006110	0.854102	176.212742	
0.56337	11.190704	164.955596	1.561342
0.006110	1.369259	207.554056	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.470671	-93.236167	-1.230664
-0.007558	-0.706939	-70.165068	
0.14084	-16.470671	-93.236167	-1.230664
-0.007558	-0.192226	-60.403737	
0.28169	-16.470671	-93.236167	-1.230664
-0.007558	-0.431918	-86.216421	
0.42253	-16.470671	-93.236167	-1.230664
-0.007558	-1.072709	-125.780574	
0.56337	-16.470671	-93.236167	-1.230664
-0.007558	-1.726702	-186.785113	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.190704	164.955596	1.561342
0.006110	0.892281	137.868655	
0.14084	11.190704	164.955596	1.561342
0.006110	0.238849	144.228165	
0.28169	11.190704	164.955596	1.561342
0.006110	0.338532	154.098544	
0.42253	11.190704	164.955596	1.561342
0.006110	0.854102	176.212742	
0.56337	11.190704	164.955596	1.561342
0.006110	1.369259	207.554056	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.470671	-93.236167	-1.230664
-0.007558	-0.706939	-70.165068	
0.14084	-16.470671	-93.236167	-1.230664
-0.007558	-0.192226	-60.403737	
0.28169	-16.470671	-93.236167	-1.230664
-0.007558	-0.431918	-86.216421	
0.42253	-16.470671	-93.236167	-1.230664
-0.007558	-1.072709	-125.780574	
0.56337	-16.470671	-93.236167	-1.230664
-0.007558	-1.726702	-186.785113	

ELEM 204 ========== LENGTH = 2.977668

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	2.053145	58.020547	0.485867
1.61E-05	0.542981	76.201980	
0.57744	2.053145	58.020547	0.485867
1.61E-05	0.339204	51.916199	
0.71829	2.053145	58.020547	0.485867
1.61E-05	0.135428	27.697355	
0.85915	2.053145	58.020547	0.485867
1.61E-05	0.066673	3.974732	
1.00000	2.053145	58.020547	0.485867
1.61E-05	0.266964	2.378879	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-7.396963	-17.735420	-0.477467
-0.001352	-0.534069	-35.478335	
0.57744	-7.396963	-17.735420	-0.477467
-0.001352	-0.333810	-28.133069	
0.71829	-7.396963	-17.735420	-0.477467
-0.001352	-0.133542	-21.084346	
0.85915	-7.396963	-17.735420	-0.477467
-0.001352	-0.068302	-14.456453	
1.00000	-7.396963	-17.735420	-0.477467
-0.001352	-0.272149	-22.577209	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	5.446392	86.201725	0.789505
0.006209	0.858651	158.122654	
0.57744	5.446392	86.201725	0.789505
0.006209	0.531312	123.900916	
0.71829	5.446392	86.201725	0.789505
0.006209	0.217460	102.653951	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	5.446392	86.201725	0.789505
0.006209	0.115003	100.156080	
1.00000	5.446392	86.201725	0.789505
0.006209	0.376880	112.859454	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-12.065460	-102.099148	-0.669421
-0.007729	-0.748519	-71.627635	
0.57744	-12.065460	-102.099148	-0.669421
-0.007729	-0.467753	-40.166689	
0.71829	-12.065460	-102.099148	-0.669421
-0.007729	-0.186915	-27.733363	
0.85915	-12.065460	-102.099148	-0.669421
-0.007729	-0.136956	-19.216647	
1.00000	-12.065460	-102.099148	-0.669421
-0.007729	-0.465733	-12.964231	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	8.259001	82.575700	0.968880
0.004747	1.069618	154.049208	
0.57744	8.259001	82.575700	0.968880
0.004747	0.665729	123.037198	
0.71829	8.259001	82.575700	0.968880
0.004747	0.271339	101.463012	
0.85915	8.259001	82.575700	0.968880
0.004747	0.112842	94.027617	
1.00000	8.259001	82.575700	0.968880
0.004747	0.396739	106.610770	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-10.608538	-123.365016	-0.706904
-0.005545	-0.790726	-113.201048	
0.57744	-10.608538	-123.365016	-0.706904
-0.005545	-0.494247	-69.324943	
0.71829	-10.608538	-123.365016	-0.706904
-0.005545	-0.197622	-37.145540	
0.85915	-10.608538	-123.365016	-0.706904
-0.005545	-0.151824	-17.877710	
1.00000	-10.608538	-123.365016	-0.706904
-0.005545	-0.555993	-13.656833	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	9.805042	75.700140	1.003372
0.004374	1.112789	142.636547	
0.57744	9.805042	75.700140	1.003372
0.004374	0.694016	113.900273	
0.71829	9.805042	75.700140	1.003372
0.004374	0.275243	93.041412	
0.85915	9.805042	75.700140	1.003372
0.004374	0.120211	83.985317	
1.00000	9.805042	75.700140	1.003372
0.004374	0.434903	91.769458	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-9.358772	-113.749691	-0.775212
-0.004606	-0.866876	-130.624631	
0.57744	-9.358772	-113.749691	-0.775212
-0.004606	-0.541747	-89.729629	
0.71829	-9.358772	-113.749691	-0.775212
-0.004606	-0.216484	-58.935558	
0.85915	-9.358772	-113.749691	-0.775212
-0.004606	-0.151752	-39.384797	
1.00000	-9.358772	-113.749691	-0.775212
-0.004606	-0.570710	-32.050722	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	4.534149	9.599212	0.340534
0.005418	0.362259	45.471223	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57744	4.534149	9.599212	0.340534
0.005418	0.222495	44.035399	
0.71829	4.534149	9.599212	0.340534
0.005418	0.094216	53.983439	
0.85915	4.534149	9.599212	0.340534
0.005418	0.040862	81.349655	
1.00000	4.534149	9.599212	0.340534
0.005418	0.094349	119.076453	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-3.046488	-99.414983	-0.165098
-0.005316	-0.184479	-52.332067	
0.57744	-3.046488	-99.414983	-0.165098
-0.005316	-0.115189	-20.091440	
0.71829	-3.046488	-99.414983	-0.165098
-0.005316	-0.045929	-4.294232	
0.85915	-3.046488	-99.414983	-0.165098
-0.005316	-0.067496	-2.766249	
1.00000	-3.046488	-99.414983	-0.165098
-0.005316	-0.209147	-2.665681	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	9.026431	16.128318	0.622141
0.005612	0.681047	54.564597	
0.57744	9.026431	16.128318	0.622141
0.005612	0.422949	51.836125	
0.71829	9.026431	16.128318	0.622141
0.005612	0.175782	59.946116	
0.85915	9.026431	16.128318	0.622141
0.005612	0.060085	84.043484	
1.00000	9.026431	16.128318	0.622141
0.005612	0.177942	120.878737	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-2.638810	-127.365913	-0.314890
-0.004845	-0.352037	-104.940686	
0.57744	-2.638810	-127.365913	-0.314890
-0.004845	-0.219979	-60.602702	
0.71829	-2.638810	-127.365913	-0.314890
-0.004845	-0.087770	-30.113115	
0.85915	-2.638810	-127.365913	-0.314890
-0.004845	-0.103132	-14.569476	
1.00000	-2.638810	-127.365913	-0.314890
-0.004845	-0.362880	-14.166475	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	8.710511	78.828357	0.898602
0.004143	0.993543	172.976845	
0.57744	8.710511	78.828357	0.898602
0.004143	0.618674	143.337195	
0.71829	8.710511	78.828357	0.898602
0.004143	0.251592	121.589021	
0.85915	8.710511	78.828357	0.898602
0.004143	0.097193	111.991773	
1.00000	8.710511	78.828357	0.898602
0.004143	0.344364	114.062295	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-9.153189	-116.390552	-0.613549
-0.004260	-0.686127	-115.046614	
0.57744	-9.153189	-116.390552	-0.613549
-0.004260	-0.428805	-72.838994	
0.71829	-9.153189	-116.390552	-0.613549
-0.004260	-0.171370	-40.621984	
0.85915	-9.153189	-116.390552	-0.613549

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-0.004260   -0.138198   -22.484563
1.00000   -9.153189  -116.390552   -0.613549
-0.004260   -0.514177   -17.973281
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2295

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.570036    73.191465    0.932039
 0.003894    1.03545    161.525185
0.57744    9.570036    73.191465    0.932039
 0.003894    0.646192    133.712805
0.71829    9.570036    73.191465    0.932039
 0.003894    0.263528    112.485300
0.85915    9.570036    73.191465    0.932039
 0.003894    0.109146    101.402129
1.00000    9.570036    73.191465    0.932039
 0.003894    0.399397    99.954885

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -8.266198  -104.483471   -0.712127
 -0.003565   -0.796304  -129.926518
0.57744   -8.266198  -104.483471   -0.712127
 -0.003565   -0.497634   -91.769172
0.71829   -8.266198  -104.483471   -0.712127
 -0.003565   -0.198838   -61.956252
0.85915   -8.266198  -104.483471   -0.712127
 -0.003565   -0.139075   -43.702116
1.00000   -8.266198  -104.483471   -0.712127
 -0.003565   -0.528407   -37.200816

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    3.076084    11.980686    0.277633
 0.000658    0.311026    29.376701
0.57744    3.076084    11.980686    0.277633
 0.000658    0.194588    24.386376
0.71829    3.076084    11.980686    0.277633
 0.000658    0.079320    19.416546
0.85915    3.076084    11.980686    0.277633
 0.000658    0.044686    14.558267
1.00000    3.076084    11.980686    0.277633
 0.000658    0.178647    9.799917

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -1.123761   -9.973942   -0.319288
 -6.94E-06   -0.357015   -50.727291
0.57744   -1.123761   -9.973942   -0.319288
 -6.94E-06   -0.223101   -46.692006
0.71829   -1.123761   -9.973942   -0.319288
 -6.94E-06   -0.089178   -42.731647
0.85915   -1.123761   -9.973942   -0.319288
 -6.94E-06   -0.038310   -38.828315
1.00000   -1.123761   -9.973942   -0.319288
 -6.94E-06   -0.154756   -34.947219

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    7.155416    19.438908    0.518270
 0.001367    0.582345    42.846437
0.57744    7.155416    19.438908    0.518270
 0.001367    0.366243    34.948711
0.71829    7.155416    19.438908    0.518270
 0.001367    0.150743    28.034949
0.85915    7.155416    19.438908    0.518270
 0.001367    0.072571    21.946658
1.00000    7.155416    19.438908    0.518270
 0.001367    0.286561    16.435982

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -1.681150   -31.199979   -0.511427
 -0.000200   -0.571508   -96.266063
0.57744   -1.681150   -31.199979   -0.511427
 -0.000200   -0.357012   -84.105831
0.71829   -1.681150   -31.199979   -0.511427
 -0.000200   -0.142494   -73.224619
0.85915   -1.681150   -31.199979   -0.511427
 -0.000200   -0.072361   -62.882368
1.00000   -1.681150   -31.199979   -0.511427
 -0.000200   -0.288498   -52.882368
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2296

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.476931    21.048376    0.730343
 0.001757    0.821827    58.557319
0.57744    9.476931    21.048376    0.730343
 0.001757    0.516441    52.448796
0.71829    9.476931    21.048376    0.730343
 0.001757    0.212044    47.905411
0.85915    9.476931    21.048376    0.730343
 0.001757    0.078026    46.749108
1.00000    9.476931    21.048376    0.730343
 0.001757    0.308594    57.413819

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -1.997556   -82.422495   -0.551613
 -0.000319   -0.616845   -133.909604
0.57744   -1.997556   -82.422495   -0.551613
 -0.000319   -0.385499   -100.494081
0.71829   -1.997556   -82.422495   -0.551613
 -0.000319   -0.154078   -68.683487
0.85915   -1.997556   -82.422495   -0.551613
 -0.000319   -0.099590   -51.377356
1.00000   -1.997556   -82.422495   -0.551613
 -0.000319   -0.405661   -47.664909

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.824826    62.335909    0.888757
 0.004529    0.985151    151.204643
0.57744    9.824826    62.335909    0.888757
 0.004529    0.614957    128.119675
0.71829    9.824826    62.335909    0.888757
 0.004529    0.252480    112.766251
0.85915    9.824826    62.335909    0.888757
 0.004529    0.109360    108.885077
1.00000    9.824826    62.335909    0.888757
 0.004529    0.381065    114.469430

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -6.970174  -107.157919   -0.678967
 -0.003765   -0.759199   -132.824208
0.57744   -6.970174  -107.157919   -0.678967
 -0.003765   -0.474438   -94.428208
0.71829   -6.970174  -107.157919   -0.678967
 -0.003765   -0.189554   -65.833380
0.85915   -6.970174  -107.157919   -0.678967
 -0.003765   -0.135841   -48.636341
1.00000   -6.970174  -107.157919   -0.678967
 -0.003765   -0.507767   -42.998463

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    3.399900    54.093600    1.014653
 1.15E-05    1.132762    69.137205
0.57744    3.399900    54.093600    1.014653
 1.15E-05    0.707243    46.873648
0.71829    3.399900    54.093600    1.014653
 1.15E-05    0.281636    24.980883
0.85915    3.399900    54.093600    1.014653
 1.15E-05    0.096277    4.782681
1.00000    3.399900    54.093600    1.014653
 1.15E-05    0.396190    2.670382

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -6.474128   -22.294016   -0.713539
 -0.001329   -0.800092   -48.831875
0.57744   -6.474128   -22.294016   -0.713539
 -0.001329   -0.500518   -39.910401
0.71829   -6.474128   -22.294016   -0.713539
 -0.001329   -0.200191   -31.423655
0.85915   -6.474128   -22.294016   -0.713539
 -0.001329   -0.144049   -24.258496
1.00000   -6.474128   -22.294016   -0.713539
 -0.001329   -0.569496   -33.574851
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2297

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    6.885427    79.751812    1.485561
 0.006193    1.634908    149.058521
0.57744    6.885427    79.751812    1.485561
 0.006193    1.018682    119.236904
0.71829    6.885427    79.751812    1.485561
 0.006193    0.410729    102.954578
0.85915    6.885427    79.751812    1.485561
 0.006193    0.191995    104.066800
1.00000    6.885427    79.751812    1.485561
 0.006193    0.679710    118.830135

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -11.050747   -104.149361   -1.180915
 -0.007641   -1.316128   -90.765809
0.57744   -11.050747   -104.149361   -1.180915
 -0.007641   -0.821893   -51.633342
0.71829   -11.050747   -104.149361   -1.180915
 -0.007641   -0.326550   -37.620174
0.85915   -11.050747   -104.149361   -1.180915
 -0.007641   -0.238265   -27.382749
1.00000   -11.050747   -104.149361   -1.180915
 -0.007641   -0.859152   -25.949003

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.078632    77.351828    1.704136
 0.004835    1.888815    147.258638
0.57744    9.078632    77.351828    1.704136
 0.004835    1.179015    118.754483
0.71829    9.078632    77.351828    1.704136
 0.004835    0.475077    100.366140
0.85915    9.078632    77.351828    1.704136
 0.004835    0.198332    99.594762
1.00000    9.078632    77.351828    1.704136
 0.004835    0.731302    117.696141

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -9.894379   -120.738905   -1.284692
 -0.005674   -1.432614   -120.350920
0.57744   -9.894379   -120.738905   -1.284692
 -0.005674   -0.894463   -73.486345
0.71829   -9.894379   -120.738905   -1.284692
 -0.005674   -0.355367   -44.690077
0.85915   -9.894379   -120.738905   -1.284692
 -0.005674   -0.258590   -25.487296
1.00000   -9.894379   -120.738905   -1.284692
 -0.005674   -0.971436   -25.303663

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658   10.590409    72.819511    1.809371
 0.004446    2.010180    139.992482
0.57744   10.590409    72.819511    1.809371
 0.004446    1.255243    112.773932
0.71829   10.590409    72.819511    1.809371
 0.004446    0.505716    94.005546
0.85915   10.590409    72.819511    1.809371
 0.004446    0.205686    90.077741
1.00000   10.590409    72.819511    1.809371
 0.004446    0.771514    101.848784

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -8.871461   -112.282832   -1.360526
 -0.004714   -1.518071   -138.829373
0.57744   -8.871461   -112.282832   -1.360526
 -0.004714   -0.948041   -95.018325
0.71829   -8.871461   -112.282832   -1.360526
 -0.004714   -0.377238   -66.412506
0.85915   -8.871461   -112.282832   -1.360526
 -0.004714   -0.268332   -46.285859
1.00000   -8.871461   -112.282832   -1.360526
 -0.004714   -1.025459   -42.304121
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2298

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    3.824607    10.076733    0.455396
 0.004541    0.493328    48.071663
0.57744    3.824607    10.076733    0.455396
 0.004541    0.307156    47.599880
0.71829    3.824607    10.076733    0.455396
 0.004541    0.126815    58.066864
0.85915    3.824607    10.076733    0.455396
 0.004541    0.082787    84.897128
1.00000    3.824607    10.076733    0.455396
 0.004541    0.260028    117.088356

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -3.242590   -86.886753   -0.436212
 -0.000451   -0.481807   -51.314160
0.57744   -3.242590   -86.886753   -0.436212
 -0.000451   -0.299613   -18.854703
0.71829   -3.242590   -86.886753   -0.436212
 -0.000451   -0.117263   -5.082973
0.85915   -3.242590   -86.886753   -0.436212
 -0.000451   -0.081746   -3.391365
1.00000   -3.242590   -86.886753   -0.436212
 -0.000451   -0.271873   -3.065734

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    8.153389    18.065069    0.912219
 0.004835    1.005679    60.577715
0.57744    8.153389    18.065069    0.912219
 0.004835    0.627816    56.968281
0.71829    8.153389    18.065069    0.912219
 0.004835    0.255521    63.073455
0.85915    8.153389    18.065069    0.912219
 0.004835    0.116802    87.697899
1.00000    8.153389    18.065069    0.912219
 0.004835    0.399732    122.191425

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -2.903477  -112.272883   -0.688487
 -0.004134   -0.763669   -97.271632
0.57744   -2.903477  -112.272883   -0.688487
 -0.004134   -0.475842   -53.810705
0.71829   -2.903477  -112.272883   -0.688487
 -0.004134   -0.188105   -27.666755
0.85915   -2.903477  -112.272883   -0.688487
 -0.004134   -0.144100   -14.455603
1.00000   -2.903477  -112.272883   -0.688487
 -0.004134   -0.525614   -13.832942

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    8.307383    76.030986    1.506104
 0.003335    1.675139    172.359909
0.57744    8.307383    76.030986    1.506104
 0.003335    1.046643    143.838266
0.71829    8.307383    76.030986    1.506104
 0.003335    0.421550    122.091555
0.85915    8.307383    76.030986    1.506104
 0.003335    0.177535    114.703162
1.00000    8.307383    76.030986    1.506104
 0.003335    0.668603    116.402387

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -8.914666  -104.932684   -1.179799
 -0.003511   -1.314440   -112.460780
0.57744   -8.914666  -104.932684   -1.179799
 -0.003511   -0.820154   -71.353959
0.71829   -8.914666  -104.932684   -1.179799
 -0.003511   -0.325508   -41.953684
0.85915   -8.914666  -104.932684   -1.179799
 -0.003511   -0.221148   -24.821096
1.00000   -8.914666  -104.932684   -1.179799
 -0.003511   -0.852118   -19.094563
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2299

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.203959    72.810218    1.633149
 0.003226    1.821286    165.610262
0.57744    9.203959    72.810218    1.633149
 0.003226    1.138442    137.945801
0.71829    9.203959    72.810218    1.633149
 0.003226    0.459537    116.003866
0.85915    9.203959    72.810218    1.633149
 0.003226    0.194790    106.048414
1.00000    9.203959    72.810218    1.633149
 0.003226    0.744938    103.774795

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -8.366876   -96.368727   -1.318819
 -0.002940   -1.470995   -132.526911
0.57744   -8.366876   -96.368727   -1.318819
 -0.002940   -0.918125   -94.669585
0.71829   -8.366876   -96.368727   -1.318819
 -0.002940   -0.365068   -66.647961
0.85915   -8.366876   -96.368727   -1.318819
 -0.002940   -0.268410   -48.628166
1.00000   -8.366876   -96.368727   -1.318819
 -0.002940   -0.918050   -40.627748

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    3.025259    15.236728    0.566609
 0.000668    0.637226    37.584102
0.57744    3.025259    15.236728    0.566609
 0.000668    0.398978    31.316249
0.71829    3.025259    15.236728    0.566609
 0.000668    0.162286    25.230507
0.85915    3.025259    15.236728    0.566609
 0.000668    0.077996    19.224740
1.00000    3.025259    15.236728    0.566609
 0.000668    0.313085    13.286151

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -2.039442   -12.248056   -0.559498
 -4.05E-06   -0.625564   -58.926538
0.57744   -2.039442   -12.248056   -0.559498
 -4.05E-06   -0.390856   -54.003639
0.71829   -2.039442   -12.248056   -0.559498
 -4.05E-06   -0.155967   -49.285344
0.85915   -2.039442   -12.248056   -0.559498
 -4.05E-06   -0.074632   -44.626988
1.00000   -2.039442   -12.248056   -0.559498
 -4.05E-06   -0.311662   -40.066475

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    7.381249    24.327764    1.037772
 0.001292    1.163455    54.561044
0.57744    7.381249    24.327764    1.037772
 0.001292    0.727915    44.751320
0.71829    7.381249    24.327764    1.037772
 0.001292    0.294624    35.595331
0.85915    7.381249    24.327764    1.037772
 0.001292    0.121585    27.088410
1.00000    7.381249    24.327764    1.037772
 0.001292    0.485085    19.443876

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -2.599920   -33.063688   -0.866055
 -0.000128   -0.968402   -105.223781
0.57744   -2.599920   -33.063688   -0.866055
 -0.000128   -0.605045   -91.953573
0.71829   -2.599920   -33.063688   -0.866055
 -0.000128   -0.241690   -79.727070
0.85915   -2.599920   -33.063688   -0.866055
 -0.000128   -0.140643   -68.657846
1.00000   -2.599920   -33.063688   -0.866055
 -0.000128   -0.575309   -58.527304
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2300

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    8.688333    25.391742    1.245558
 0.001368    1.398665    69.026495
0.57744    8.688333    25.391742    1.245558
 0.001368    0.876071    60.508855
0.71829    8.688333    25.391742    1.245558
 0.001368    0.355270    53.537597
0.85915    8.688333    25.391742    1.245558
 0.001368    0.143840    54.599142
1.00000    8.688333    25.391742    1.245558
 0.001368    0.575222    64.436597

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -3.064598   -75.008241   -1.028288
 -5.32E-06   -1.147550   -131.657835
0.57744   -3.064598   -75.008241   -1.028288
 -5.32E-06   -0.716246   -101.480444
0.71829   -3.064598   -75.008241   -1.028288
 -5.32E-06   -0.284987   -72.789041
0.85915   -3.064598   -75.008241   -1.028288
 -5.32E-06   -0.166861   -57.536757
1.00000   -3.064598   -75.008241   -1.028288
 -5.32E-06   -0.688686   -52.624439

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.074841    64.316860    1.532289
 0.003556    1.708323    161.692006
0.57744    9.074841    64.316860    1.532289
 0.003556    1.068175    137.080581
0.71829    9.074841    64.316860    1.532289
 0.003556    0.432783    119.893006
0.85915    9.074841    64.316860    1.532289
 0.003556    0.195416    114.893868
1.00000    9.074841    64.316860    1.532289
 0.003556    0.742298    117.244176

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -7.798228   -96.185013   -1.310777
 -0.002815   -1.460903   -135.587707
0.57744   -7.798228   -96.185013   -1.310777
 -0.002815   -0.911504   -97.936550
0.71829   -7.798228   -96.185013   -1.310777
 -0.002815   -0.361887   -71.054792
0.85915   -7.798228   -96.185013   -1.310777
 -0.002815   -0.219675   -55.076848
1.00000   -7.798228   -96.185013   -1.310777
 -0.002815   -0.861229   -47.906077

COMB      DB ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    9.824826    86.201725    1.003372
 0.006209    1.112789    172.976845
0.57744    9.824826    86.201725    1.003372
 0.006209    0.694016    143.337195
0.71829    9.824826    86.201725    1.003372
 0.006209    0.283184    121.589021
0.85915    9.824826    86.201725    1.003372
 0.006209    0.120211    111.991773
1.00000    9.824826    86.201725    1.003372
 0.006209    0.434903    120.878737

COMB      DB ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -12.065460  -127.365913   -0.775212
 -0.007729   -0.866876   -133.909804
0.57744   -12.065460  -127.365913   -0.775212
 -0.007729   -0.541747   -100.494081
0.71829   -12.065460  -127.365913   -0.775212
 -0.007729   -0.216484   -73.724619
0.85915   -12.065460  -127.365913   -0.775212
 -0.007729   -0.151824   -62.830361
1.00000   -12.065460  -127.365913   -0.775212
 -0.007729   -0.570710   -52.882368
Program   SAP2000   Nonlinear   Version   7.42
File:하행S06-S1003.OUT

                    Page
<          MOVING          LOAD          >
                    2301

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    10.590409    79.751812    1.809371
 0.006193    2.010180    172.976845
0.57744    10.590409    79.751812    1.809371
 0.006193    1.255243    143.838266
0.71829    10.590409    79.751812    1.809371
 0.006193    0.505716    122.091555
0.85915    10.590409    79.751812    1.809371
 0.006193    0.205686    114.893868
1.00000    10.590409    79.751812    1.809371
 0.006193    0.771514    122.191425

COMB      DL ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -11.050747  -120.738905   -1.360526
 -0.007641   -1.518071   -138.829373
0.57744   -11.050747  -120.738905   -1.360526
 -0.007641   -0.948041   -101.480444
0.71829   -11.050747  -120.738905   -1.360526
 -0.007641   -0.377238   -79.727070
0.85915   -11.050747  -120.738905   -1.360526
 -0.007641   -0.268332   -68.657846
1.00000   -11.050747  -120.738905   -1.360526
 -0.007641   -1.025459   -58.527304

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    10.590409    86.201725    1.809371
 0.006209    2.010180    172.976845
0.57744    10.590409    86.201725    1.809371
 0.006209    1.255243    143.838266
0.71829    10.590409    86.201725    1.809371
 0.006209    0.505716    122.091555
0.85915    10.590409    86.201725    1.809371
 0.006209    0.205686    114.893868
1.00000    10.590409    86.201725    1.809371
 0.006209    0.771514    122.191425

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
        T          M2          M3
0.43658   -12.065460  -127.365913   -1.360526
 -0.007729   -1.518071   -138.829373
0.57744   -12.065460  -127.365913   -1.360526
 -0.007729   -0.948041   -101.480444
0.71829   -12.065460  -127.365913   -1.360526
 -0.007729   -0.377238   -79.727070
0.85915   -12.065460  -127.365913   -1.360526
 -0.007729   -0.268332   -68.657846
1.00000   -12.065460  -127.365913   -1.360526
 -0.007729   -1.025459   -58.527304

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
        T          M2          M3
0.43658    10.590409    86.201725    1.809371
 0.006209    2.010180    172.976845
0.57744    10.590409    86.201725    1.809371
 0.006209    1.255243    143.838266
0.71829    10.590409    86.201725    1.809371
 0.006209    0.505716    122.091555
0.85915    10.590409    86.201725    1.809371
 0.006209    0.205686    114.893868
1.00000    10.590409    86.201725    1.809371
 0.006209    0.771514    122.191425

COMB      DESIGN ---------- MIN
```

REL DIST P V2 V3
T M2 M3
0.43658 -12.065460 -127.365913 -1.360526
-0.007729 -1.518071 -138.829373
0.57744 -12.065460 -127.365913 -1.360526
-0.007729 -0.948041 -101.480444
0.71829 -12.065460 -127.365913 -1.360526
-0.007729 -0.377238 -79.727070
0.85915 -12.065460 -127.365913 -1.360526
-0.007729 -0.268332 -68.657846
1.00000 -12.065460 -127.365913 -1.360526
-0.007729 -0.065459 -58.527304
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2302

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 205 ========== LENGTH = 2.977689

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.048703 57.736064 0.497735
7.25E-06 0.280885 2.375516
0.14085 2.048703 57.736064 0.497735
7.25E-06 0.072048 3.253924
0.28171 2.048703 57.736064 0.497735
7.25E-06 0.136576 9.912815
0.42256 2.048703 57.736064 0.497735
7.25E-06 0.346224 17.147912
0.56342 2.048703 57.736064 0.497735
7.25E-06 0.555858 24.512428

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.369804 -17.742434 -0.499831
-0.001334 -0.282756 -22.598064
0.14085 -7.369804 -17.742434 -0.499831
-0.001334 -0.073113 -46.254386
0.28171 -7.369804 -17.742434 -0.499831
-0.001334 -0.136648 -70.387352
0.42256 -7.369804 -17.742434 -0.499831
-0.001334 -0.345400 -94.529860
0.56342 -7.369804 -17.742434 -0.499831
-0.001334 -0.554160 -118.698163

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.580997 150.640896 0.816373
0.006020 0.485891 113.231618
0.14085 2.580997 150.640896 0.816373
0.006020 0.144463 90.394945
0.28171 2.580997 150.640896 0.816373
0.006020 0.190101 73.088390
0.42256 2.580997 150.640896 0.816373
0.006020 0.481669 75.800172
0.56342 2.580997 150.640896 0.816373
0.006020 0.773197 90.705411

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.415883 -40.854701 -0.695090
-0.007892 -0.392973 -12.983892
0.14085 -15.415883 -40.854701 -0.695090
-0.007892 -0.116722 -43.893275
0.28171 -15.415883 -40.854701 -0.695090
-0.007892 -0.521746 -75.743247
0.42256 -15.415883 -40.854701 -0.695090
-0.007892 -0.543334 -111.871443
0.56342 -15.415883 -40.854701 -0.695090
-0.007892 -0.884228 -168.831241

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.373357 126.257678 1.017063
0.004224 0.590752 106.845662
0.14085 6.373357 126.257678 1.017063
0.004224 0.164594 111.274030
0.28171 6.373357 126.257678 1.017063
0.004224 0.200684 122.253665
0.42256 6.373357 126.257678 1.017063
0.004224 0.507613 146.640930
0.56342 6.373357 126.257678 1.017063
0.004224 0.814433 179.371031

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.874501 -82.061742 -0.731564
-0.005687 -0.412845 -13.671442
0.14085 -12.874501 -82.061742 -0.731564
-0.005687 -0.115261 -64.712857
0.28171 -12.874501 -82.061742 -0.731564
-0.005687 -0.278094 -76.432260
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2303

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42256 -12.874501 -82.061742 -0.731564
-0.005687 -0.690447 -111.034974
0.56342 -12.874501 -82.061742 -0.731564
-0.005687 -1.115997 -159.774463

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.257214 111.930810 1.062890
0.004115 0.613567 91.969645
0.14085 8.257214 111.930810 1.062890
0.004115 0.168308 93.761904
0.28171 8.257214 111.930810 1.062890
0.004115 0.219552 103.859837
0.42256 8.257214 111.930810 1.062890
0.004115 0.554993 126.161074
0.56342 8.257214 111.930810 1.062890
0.004115 0.890330 155.557642

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.236346 -79.604904 -0.799553
-0.004724 -0.451013 -32.089883
0.14085 -11.236346 -79.604904 -0.799553
-0.004724 -0.124194 -54.184477
0.28171 -11.236346 -79.604904 -0.799553
-0.004724 -0.291089 -76.962795
0.42256 -11.236346 -79.604904 -0.799553
-0.004724 -0.725091 -103.437710
0.56342 -11.236346 -79.604904 -0.799553
-0.004724 -1.170037 -142.755049

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.178924 63.924294 0.365507
0.005033 0.227250 119.380711
0.14085 2.178924 63.924294 0.365507
0.005033 0.074842 111.413861
0.28171 2.178924 63.924294 0.365507
0.005033 0.045860 103.584502
0.42256 2.178924 63.924294 0.365507
0.005033 0.115336 111.898486
0.56342 2.178924 63.924294 0.365507
0.005033 0.184908 130.322154

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.886490 -48.359275 -0.165703
-0.005243 -0.093038 -2.657205
0.14085 -5.886490 -48.359275 -0.165703
-0.005243 -0.036394 -2.780802
0.28171 -5.886490 -48.359275 -0.165703
-0.005243 -0.098550 -3.500701
0.42256 -5.886490 -48.359275 -0.165703
-0.005243 -0.234359 -7.703180
0.56342 -5.886490 -48.359275 -0.165703
-0.005243 -0.386378 -29.281509

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.879728 66.658219 0.669885
0.005114 0.397088 121.153986
0.14085 6.879728 66.658219 0.669885
0.005114 0.117013 123.815600
0.28171 6.879728 66.658219 0.669885
0.005114 0.088055 130.196603
0.42256 6.879728 66.658219 0.669885
0.005114 0.221550 152.192497
0.56342 6.879728 66.658219 0.669885
0.005114 0.354914 183.753078

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.272575 -80.168234 -0.317994
-0.004880 -0.178470 -14.159720
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2304

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -5.272575 -80.168234 -0.317994
-0.004880 -0.056987 -13.847555
0.28171 -5.272575 -80.168234 -0.317994
-0.004880 -0.182835 -14.207573
0.42256 -5.272575 -80.168234 -0.317994
-0.004880 -0.447516 -19.586047
0.56342 -5.272575 -80.168234 -0.317994
-0.004880 -0.727304 -42.619065

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.211391 114.066285 0.925750
0.003702 0.535855 114.231438
0.14085 7.211391 114.066285 0.925750
0.003702 0.148186 117.222424
0.28171 7.211391 114.066285 0.925750
0.003702 0.173414 120.256791
0.42256 7.211391 114.066285 0.925750
0.003702 0.438084 146.170691
0.56342 7.211391 114.066285 0.925750
0.003702 0.702671 179.185667

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.982372 -83.184222 -0.630858
-0.004533 -0.355596 -17.957497
0.14085 -10.982372 -83.184222 -0.630858
-0.004533 -0.099403 -21.628951
0.28171 -10.982372 -83.184222 -0.630858
-0.004533 -0.253485 -49.255979
0.42256 -10.982372 -83.184222 -0.630858
-0.004533 -0.630233 -80.798112
0.56342 -10.982372 -83.184222 -0.630858
-0.004533 -1.017679 -125.129064

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.330780 102.704374 0.978568
0.003718 0.563568 100.102342
0.14085 8.330780 102.704374 0.978568
0.003718 0.153594 91.184521
0.28171 8.330780 102.704374 0.978568
0.003718 0.201109 100.746502
0.42256 8.330780 102.704374 0.978568
0.003718 0.508102 122.153992
0.56342 8.330780 102.704374 0.978568
0.003718 0.814993 149.482164

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.796812 -76.650182 -0.731717
-0.003792 -0.412518 -37.193760
0.14085 -9.796812 -76.650182 -0.731717
-0.003792 -0.112532 -37.541170
0.28171 -9.796812 -76.650182 -0.731717
-0.003792 -0.268012 -57.859173
0.42256 -9.796812 -76.650182 -0.731717
-0.003792 -0.668766 -81.166854
0.56342 -9.796812 -76.650182 -0.731717
-0.003792 -1.078501 -114.980880

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.098166 12.038927 0.308927
0.000999 0.174822 9.808256
0.14085 3.098166 12.038927 0.308927
0.000999 0.045194 5.568171
0.28171 3.098166 12.038927 0.308927
0.000999 0.090080 2.631940
0.42256 3.098166 12.038927 0.308927
0.000999 0.227646 2.398035
0.56342 3.098166 12.038927 0.308927
0.000999 0.365205 2.968688
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2305

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.144649 -9.922436 -0.327972
-1.15E-05 -0.185030 -34.956354
0.14085 -1.144649 -9.922436 -0.327972
-1.15E-05 -0.047406 -31.209518
0.28171 -1.144649 -9.922436 -0.327972
-1.15E-05 -0.084334 -27.699795
0.42256 -1.144649 -9.922436 -0.327972
-1.15E-05 -0.213892 -24.242436
0.56342 -1.144649 -9.922436 -0.327972
-1.15E-05 -0.343461 -20.884567

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.111288 21.495207 0.576521
0.001839 0.326227 16.459854
0.14085 7.111288 21.495207 0.576521
0.001839 0.084392 11.742975
0.28171 7.111288 21.495207 0.576521
0.001839 0.143893 12.629522
0.42256 7.111288 21.495207 0.576521
0.001839 0.363158 19.190641
0.56342 7.111288 21.495207 0.576521
0.001839 0.582402 26.563979

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.782990 -29.552271 -0.522742
-0.000244 -0.294582 -52.900293
0.14085 -1.782990 -29.552271 -0.522742
-0.000244 -0.075672 -45.664842
0.28171 -1.782990 -29.552271 -0.522742
-0.000244 -0.158137 -39.414857
0.42256 -1.782990 -29.552271 -0.522742
-0.000244 -0.399288 -35.568998
0.56342 -1.782990 -29.552271 -0.522742
-0.000244 -0.641044 -34.326519

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.444736 24.295983 0.808536
0.001568 0.457420 57.421562
0.14085 9.444736 24.295983 0.808536
0.001568 0.118352 75.843863
0.28171 9.444736 24.295983 0.808536
0.001568 0.155333 98.775930
0.42256 9.444736 24.295983 0.808536
0.001568 0.391391 126.687190
0.56342 9.444736 24.295983 0.808536
0.001568 0.627378 155.469324

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.161268 -79.912464 -0.562667
-0.000321 -0.316484 -47.671140
0.14085 -2.161268 -79.912464 -0.562667
-0.000321 -0.081081 -44.033891
0.28171 -2.161268 -79.912464 -0.562667
-0.000321 -0.222170 -40.605038
0.42256 -2.161268 -79.912464 -0.562667
-0.000321 -0.560180 -38.935946
0.56342 -2.161268 -79.912464 -0.562667
-0.000321 -0.899220 -39.644046

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.348455 97.375491 0.937647
0.004433 0.542191 114.655357
0.14085 8.348455 97.375491 0.937647
0.004433 0.149932 101.479233
0.28171 8.348455 97.375491 0.937647
0.004433 0.191335 103.108524
0.42256 8.348455 97.375491 0.937647
0.004433 0.483227 120.988859
0.56342 8.348455 97.375491 0.937647
0.004433 0.775010 146.573375
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2306

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.790274 -74.167514 -0.695695
-0.004014 -0.392067 -42.995548
0.14085 -8.790274 -74.167514 -0.695695
-0.004014 -0.108460 -37.586496
0.28171 -8.790274 -74.167514 -0.695695
-0.004014 -0.258987 -48.711591
0.42256 -8.790274 -74.167514 -0.695695
-0.004014 -0.640755 -66.085467
0.56342 -8.790274 -74.167514 -0.695695
-0.004014 -1.033200 -95.875698

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.390977 53.933981 0.995193
4.28E-06 0.557700 2.665619
0.14085 3.390977 53.933981 0.995193
4.28E-06 0.140425 3.582924
0.28171 3.390977 53.933981 0.995193
4.28E-06 0.207139 10.573208
0.42256 3.390977 53.933981 0.995193
4.28E-06 0.531877 19.547507
0.56342 3.390977 53.933981 0.995193
4.28E-06 0.855832 28.609559

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.452420 -22.346723 -0.771446
-0.001389 -0.437408 -33.581091
0.14085 -6.452420 -22.346723 -0.771446
-0.001389 -0.112929 -29.421881
0.28171 -6.452420 -22.346723 -0.771446
-0.001389 -0.277124 -70.013155
0.42256 -6.452420 -22.346723 -0.771446
-0.001389 -0.694601 -92.397941
0.56342 -6.452420 -22.346723 -0.771446
-0.001389 -1.111934 -114.772106

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.820366 141.679683 1.499065
0.006016 0.817466 118.870056
0.14085 3.820366 141.679683 1.499065
0.006016 0.244331 94.582919
0.28171 3.820366 141.679683 1.499065
0.006016 0.328859 77.707632
0.42256 3.820366 141.679683 1.499065
0.006016 0.637529 81.047454
0.56342 3.820366 141.679683 1.499065
0.006016 1.345495 97.019587

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.896549 -44.773565 -1.211453
-0.008002 -0.697729 -25.950767
0.14085 -14.896549 -44.773565 -1.211453
-0.008002 -0.200729 -46.354933
0.28171 -14.896549 -44.773565 -1.211453
-0.008002 -0.411413 -72.677903
0.42256 -14.896549 -44.773565 -1.211453
-0.008002 -1.022202 -105.692384
0.56342 -14.896549 -44.773565 -1.211453
-0.008002 -1.647075 -162.559126

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.957379 121.178036 1.730435
0.004416 0.992143 117.710495
0.14085 6.957379 121.178036 1.730435
0.004416 0.267564 117.594237
0.28171 6.957379 121.178036 1.730435
0.004416 0.358003 124.380804
0.42256 6.957379 121.178036 1.730435
0.004416 0.910074 145.883360
0.56342 6.957379 121.178036 1.730435
0.004416 1.461620 176.562512
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2307

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.627975 -78.821817 -1.314918
-0.005937 -0.750229 -25.298141
0.14085 -12.627975 -78.821817 -1.314918
-0.005937 -0.206457 -46.808877
0.28171 -12.627975 -78.821817 -1.314918
-0.005937 -0.477510 -73.484732
0.42256 -12.627975 -78.821817 -1.314918
-0.005937 -1.190492 -105.204066
0.56342 -12.627975 -78.821817 -1.314918
-0.005937 -1.913480 -153.856090

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.845082 109.176510 1.839981
0.004235 1.049483 101.869819
0.14085 8.845082 109.176510 1.839981
0.004235 0.279084 98.997519
0.28171 8.845082 109.176510 1.839981
0.004235 0.380641 105.439472
0.42256 8.845082 109.176510 1.839981
0.004235 0.966203 125.429765
0.56342 8.845082 109.176510 1.839981
0.004235 1.551282 153.139189

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.147395 -77.557530 -1.395005
-0.004933 -0.793909 -42.308298
0.14085 -11.147395 -77.557530 -1.395005
-0.004933 -0.215305 -56.550690
0.28171 -11.147395 -77.557530 -1.395005
-0.004933 -0.508381 -77.200102
0.42256 -11.147395 -77.557530 -1.395005
-0.004933 -1.269090 -103.079503
0.56342 -11.147395 -77.557530 -1.395005
-0.004933 -2.038660 -143.228524

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.725104 53.709833 0.492555
0.004215 0.298416 117.108515
0.14085 1.725104 53.709833 0.492555
0.004215 0.092814 112.211825
0.28171 1.725104 53.709833 0.492555
0.004215 0.111899 107.724983
0.42256 1.725104 53.709833 0.492555
0.004215 0.280977 116.025877
0.56342 1.725104 53.709833 0.492555
0.004215 0.449431 133.153219

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.966228 -45.569015 -0.402843
-0.004480 -0.234119 -3.052846
0.14085 -5.966228 -45.569015 -0.402843
-0.004480 -0.073604 -2.839438
0.28171 -5.966228 -45.569015 -0.402843
-0.004480 -0.132558 -3.241400
0.42256 -5.966228 -45.569015 -0.402843
-0.004480 -0.326516 -7.140399
0.56342 -5.966228 -45.569015 -0.402843
-0.004480 -0.530342 -27.831754

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.185211 59.641235 0.950547
0.004414 0.553137 122.206455
0.14085 6.185211 59.641235 0.950547
0.004414 0.155661 125.343709
0.28171 6.185211 59.641235 0.950547
0.004414 0.184634 131.845296
0.42256 6.185211 59.641235 0.950547
0.004414 0.464014 151.481424
0.56342 6.185211 59.641235 0.950547
0.004414 0.743313 179.743139
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2308

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.513942 -72.888574 -0.667211
-0.004275 -0.382051 -13.821214
0.14085 -5.513942 -72.888574 -0.667211
-0.004275 -0.110651 -13.832616
0.28171 -5.513942 -72.888574 -0.667211
-0.004275 -0.261129 -15.667273
0.42256 -5.513942 -72.888574 -0.667211
-0.004275 -0.647590 -21.348506
0.56342 -5.513942 -72.888574 -0.667211
-0.004275 -1.043492 -43.364509

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.044735 102.499640 1.534883
0.002849 0.874747 116.384095
0.14085 7.044735 102.499640 1.534883
0.002849 0.231781 108.416516
0.28171 7.044735 102.499640 1.534883
0.002849 0.324572 122.695048
0.42256 7.044735 102.499640 1.534883
0.002849 0.820983 148.101019
0.56342 7.044735 102.499640 1.534883
0.002849 1.316763 179.448942

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.578537 -79.554488 -1.183027
-0.003872 -0.670380 -19.069108
0.14085 -10.578537 -79.554488 -1.183027
-0.003872 -0.179160 -20.522952
0.28171 -10.578537 -79.554488 -1.183027
-0.003872 -0.423757 -45.644578
0.42256 -10.578537 -79.554488 -1.183027
-0.003872 -1.059562 -75.328588
0.56342 -10.578537 -79.554488 -1.183027
-0.003872 -1.701499 -115.836573

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.163866 95.000705 1.686494
0.003113 0.958018 103.767451
0.14085 8.163866 95.000705 1.686494
0.003113 0.251607 93.331658
0.28171 8.163866 95.000705 1.686494
0.003113 0.365463 103.081889
0.42256 8.163866 95.000705 1.686494
0.003113 0.923860 124.273615
0.56342 8.163866 95.000705 1.686494
0.003113 1.481802 150.397899

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.774273 -75.074865 -1.330766
-0.003241 -0.752865 -40.616441
0.14085 -9.774273 -75.074865 -1.330766
-0.003241 -0.198787 -38.525371
0.28171 -9.774273 -75.074865 -1.330766
-0.003241 -0.465024 -57.327235
0.42256 -9.774273 -75.074865 -1.330766
-0.003241 -1.165277 -81.678765
0.56342 -9.774273 -75.074865 -1.330766
-0.003241 -1.871354 -115.037850

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.052037	15.261182	0.625702
0.001037		0.352738	13.299377	
0.14085		3.052037	15.261182	0.625702
0.001037		0.090953	7.701921	
0.28171		3.052037	15.261182	0.625702
0.001037		0.157213	3.535033	
0.42256		3.052037	15.261182	0.625702
0.001037		0.396767	3.654560	
0.56342		3.052037	15.261182	0.625702
0.001037		0.636094	4.654226	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2309

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.058953	-12.219176	-0.570482
-8.86E-06		-0.320952	-40.079884	
0.14085		-2.058953	-12.219176	-0.570482
-8.86E-06		-0.051589	-35.649298	
0.28171		-2.058953	-12.219176	-0.570482
-8.86E-06		-0.170576	-32.074086	
0.42256		-2.058953	-12.219176	-0.570482
-8.86E-06		-0.432186	-32.203369	
0.56342		-2.058953	-12.219176	-0.570482
-8.86E-06		-0.695245	-32.810408	

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.361901	25.577091	1.096237
0.001722		0.615959	19.465125	
0.14085		7.361901	25.577091	1.096237
0.001722		0.157366	13.310916	
0.28171		7.361901	25.577091	1.096237
0.001722		0.244407	13.559663	
0.42256		7.361901	25.577091	1.096237
0.001722		0.616966	20.268747	
0.56342		7.361901	25.577091	1.096237
0.001722		0.989443	28.235357	

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.702791	-31.990189	-0.887763
-0.000168		-0.500385	-58.549710	
0.14085		-2.702791	-31.990189	-0.887763
-0.000168		-0.126220	-50.457098	
0.28171		-2.702791	-31.990189	-0.887763
-0.000168		-0.301929	-46.372989	
0.42256		-2.702791	-31.990189	-0.887763
-0.000168		-0.760476	-47.304060	
0.56342		-2.702791	-31.990189	-0.887763
-0.000168		-1.220638	-49.595039	

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		8.797124	25.334665	1.328492
0.001272		0.746019	64.432844	
0.14085		8.797124	25.334665	1.328492
0.001272		0.189909	80.087855	
0.28171		8.797124	25.334665	1.328492
0.001272		0.328390	100.414708	
0.42256		8.797124	25.334665	1.328492
0.001272		0.718981	126.077027	
0.56342		8.797124	25.334665	1.328492
0.001272		1.153221	152.552211	

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.097107	-75.511837	-1.033785
-7.47E-06		-0.579548	-52.627189	
0.14085		-3.097107	-75.511837	-1.033785
-7.47E-06		-0.145919	-48.190361	
0.28171		-3.097107	-75.511837	-1.033785
-7.47E-06		-0.366269	-46.180912	
0.42256		-3.097107	-75.511837	-1.033785
-7.47E-06		-0.923307	-48.441384	
0.56342		-3.097107	-75.511837	-1.033785
-7.47E-06		-1.479523	-51.404805	

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.947556	88.496631	1.607813
0.003435		0.914542	117.248337	
0.14085		7.947556	88.496631	1.607813
0.003435		0.242303	104.749532	
0.28171		7.947556	88.496631	1.607813
0.003435		0.360213	107.694794	
0.42256		7.947556	88.496631	1.607813
0.003435		0.908869	126.031975	
0.56342		7.947556	88.496631	1.607813
0.003435		1.457162	150.908730	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2310

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.334330	-73.066751	-1.307637
-0.003126		-0.739436	-47.895751	
0.14085		-9.334330	-73.066751	-1.307637
-0.003126		-0.195430	-41.483048	
0.28171		-9.334330	-73.066751	-1.307637
-0.003126		-0.442595	-39.715736	
0.42256		-9.334330	-73.066751	-1.307637
-0.003126		-1.109731	-70.324750	
0.56342		-9.334330	-73.066751	-1.307637
-0.003126		-1.781677	-99.826952	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.444736	150.640896	1.062890
0.006020		0.613567	121.153986	
0.14085		9.444736	150.640896	1.062890
0.006020		0.168308	123.815600	
0.28171		9.444736	150.640896	1.062890
0.006020		0.219552	130.196603	
0.42256		9.444736	150.640896	1.062890
0.006020		0.554993	152.192497	
0.56342		9.444736	150.640896	1.062890
0.006020		0.890330	183.753078	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-15.415883	-83.184222	-0.799553
-0.007892		-0.451013	-52.900293	
0.14085		-15.415883	-83.184222	-0.799553
-0.007892		-0.124194	-54.184477	
0.28171		-15.415883	-83.184222	-0.799553
-0.007892		-0.291089	-76.962795	
0.42256		-15.415883	-83.184222	-0.799553
-0.007892		-0.725091	-111.871443	
0.56342		-15.415883	-83.184222	-0.799553
-0.007892		-1.170037	-168.831241	

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		8.845082	141.679683	1.839981
0.006016		1.049483	122.206455	
0.14085		8.845082	141.679683	1.839981
0.006016		0.279084	125.343709	
0.28171		8.845082	141.679683	1.839981
0.006016		0.380641	131.845296	
0.42256		8.845082	141.679683	1.839981
0.006016		0.966203	151.481424	
0.56342		8.845082	141.679683	1.839981
0.006016		1.551282	179.743109	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-14.896549	-79.554488	-1.395005
-0.008002		-0.793909	-58.549710	
0.14085		-14.896549	-79.554488	-1.395005
-0.008002		-0.215305	-56.550690	
0.28171		-14.896549	-79.554488	-1.395005
-0.008002		-0.508381	-77.200102	
0.42256		-14.896549	-79.554488	-1.395005
-0.008002		-1.269090	-105.692384	
0.56342		-14.896549	-79.554488	-1.395005
-0.008002		-2.038660	-162.559126	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.444736	150.640896	1.839981
0.006020		1.049483	122.206455	
0.14085		9.444736	150.640896	1.839981
0.006020		0.279084	125.343709	
0.28171		9.444736	150.640896	1.839981
0.006020		0.380641	131.845296	
0.42256		9.444736	150.640896	1.839981
0.006020		0.966203	152.192497	
0.56342		9.444736	150.640896	1.839981
0.006020		1.551282	183.753078	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2311

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-15.415883	-83.184222	-1.395005
-0.008002		-0.793909	-58.549710	
0.14085		-15.415883	-83.184222	-1.395005
-0.008002		-0.215305	-56.550690	
0.28171		-15.415883	-83.184222	-1.395005
-0.008002		-0.508381	-77.200102	
0.42256		-15.415883	-83.184222	-1.395005
-0.008002		-1.269090	-111.871443	
0.56342		-15.415883	-83.184222	-1.395005
-0.008002		-2.038660	-168.831241	

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.444736	150.640896	1.839981
0.006020		1.049483	122.206455	
0.14085		9.444736	150.640896	1.839981
0.006020		0.279084	125.343709	
0.28171		9.444736	150.640896	1.839981
0.006020		0.380641	131.845296	
0.42256		9.444736	150.640896	1.839981
0.006020		0.966203	152.192497	
0.56342		9.444736	150.640896	1.839981
0.006020		1.551282	183.753078	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-15.415883	-83.184222	-1.395005
-0.008002		-0.793909	-58.549710	
0.14085		-15.415883	-83.184222	-1.395005
-0.008002		-0.215305	-56.550690	
0.28171		-15.415883	-83.184222	-1.395005
-0.008002		-0.508381	-77.200102	
0.42256		-15.415883	-83.184222	-1.395005
-0.008002		-1.269090	-111.871443	
0.56342		-15.415883	-83.184222	-1.395005
-0.008002		-2.038660	-168.831241	

ELEM 206 ========== LENGTH = 2.977077

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		8.039023	37.202516	0.508055
1.67E-05		0.569423	44.205168	
0.57750		8.039023	37.202516	0.508055
1.67E-05		0.356416	28.676788	
0.71833		8.039023	37.202516	0.508055
1.67E-05		0.143398	13.258010	
0.85917		8.039023	37.202516	0.508055
1.67E-05		0.067562	2.399268	
1.00000		8.039023	37.202516	0.508055
1.67E-05		0.280436	2.117867	

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-1.934820	-31.192445	-0.508049
-0.001474		-0.571652	-59.0045287	
0.57750		-1.934820	-31.192445	-0.508049
-0.001474		-0.358663	-46.063596	
0.71833		-1.934820	-31.192445	-0.508049
-0.001474		-0.145719	-33.162031	
0.85917		-1.934820	-31.192445	-0.508049
-0.001474		-0.075353	-20.842180	
1.00000		-1.934820	-31.192445	-0.508049
-0.001474		-0.286295	-19.776128	

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		8.072910	63.697004	0.816265
0.005747		0.897878	114.205566	
0.57750		8.072910	63.697004	0.816265
0.005747		0.560836	89.141989	
0.71833		8.072910	63.697004	0.816265
0.005747		0.227010	75.201258	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2312

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.85917		8.072910	63.697004	0.816265
0.005747		0.135466	81.443167	
1.00000		8.072910	63.697004	0.816265
0.005747		0.445759	101.188199	

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-17.265759	-114.574445	-0.759038
-0.007585		-0.850958	-103.176811	
0.57750		-17.265759	-114.574445	-0.759038
-0.007585		-0.532765	-60.894411	
0.71833		-17.265759	-114.574445	-0.759038
-0.007585		-0.214634	-40.796452	
0.85917		-17.265759	-114.574445	-0.759038
-0.007585		-0.139549	-25.586798	
1.00000		-17.265759	-114.574445	-0.759038
-0.007585		-0.481207	-12.108442	

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		9.611687	71.262640	1.023437
0.004489		1.137258	118.291885	
0.57750		9.611687	71.262640	1.023437
0.004489		0.711742	94.168972	
0.71833		9.611687	71.262640	1.023437
0.004489		0.288822	77.852580	
0.85917		9.611687	71.262640	1.023437
0.004489		0.133240	75.975215	
1.00000		9.611687	71.262640	1.023437
0.004489		0.464646	88.724228	

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-14.128436	-122.804183	-0.802933
-0.005502		-0.897988	-131.287328	
0.57750		-14.128436	-122.804183	-0.802933
-0.005502		-0.561367	-84.001447	
0.71833		-14.128436	-122.804183	-0.802933
-0.005502		-0.224636	-51.994674	
0.85917		-14.128436	-122.804183	-0.802933
-0.005502		-0.157403	-22.744200	
1.00000		-14.128436	-122.804183	-0.802933
-0.005502		-0.586024	-14.004352	

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		14.953157	71.487588	1.071402
0.004214		1.194905	121.163026	
0.57750		14.953157	71.487588	1.071402
0.004214		0.748666	95.977301	
0.71833		14.953157	71.487588	1.071402
0.004214		0.304585	77.320455	
0.85917		14.953157	71.487588	1.071402
0.004214		0.134578	70.803288	
1.00000		14.953157	71.487588	1.071402
0.004214		0.483199	76.901553	

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-13.208064	-105.999207	-0.841726
-0.004570		-0.941758	-129.208355	
0.57750		-13.208064	-105.999207	-0.841726
-0.004570		-0.588868	-88.746632	
0.71833		-13.208064	-105.999207	-0.841726
-0.004570		-0.235873	-61.241390	
0.85917		-13.208064	-105.999207	-0.841726
-0.004570		-0.158836	-36.589250	
1.00000		-13.208064	-105.999207	-0.841726
-0.004570		-0.607663	-28.986121	

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.415613	13.614760	0.343551
0.005060		0.377438	40.045619	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2313

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.57750		0.415613	13.614760	0.343551
0.005060		0.237743	37.487448	
0.71833		0.415613	13.614760	0.343551
0.005060		0.098204	44.636198	
0.85917		0.415613	13.614760	0.343551
0.005060		0.063329	69.337002	
1.00000		0.415613	13.614760	0.343551
0.005060		0.156760	102.654825	

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-13.996313	-92.903919	-0.238801
-0.005003		-0.226342	-57.187107	
0.57750		-13.996313	-92.903919	-0.238801
-0.005003		-0.163471	-23.175563	
0.71833		-13.996313	-92.903919	-0.238801
-0.005003		-0.063466	-7.879727	
0.85917		-13.996313	-92.903919	-0.238801
-0.005003		-0.036561	-2.051202	
1.00000		-13.996313	-92.903919	-0.238801
-0.005003		-0.207170	-1.961682	

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		8.288973	30.132400	0.656320
0.005351		0.731023	57.968939	
0.57750		8.288973	30.132400	0.656320
0.005351		0.459939	51.709754	
0.71833		8.288973	30.132400	0.656320
0.005351		0.189024	54.434588	
0.85917		8.288973	30.132400	0.656320
0.005351		0.081132	73.624777	
1.00000		8.288973	30.132400	0.656320
0.005351		0.234317	100.619001	

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-11.511637	-107.780715	-0.379526
-0.004656		-0.420451	-92.438833	
0.57750		-11.511637	-107.780715	-0.379526
-0.004656		-0.261355	-52.423071	
0.71833		-11.511637	-107.780715	-0.379526
-0.004656		-0.102148	-30.018429	
0.85917		-11.511637	-107.780715	-0.379526
-0.004656		-0.102703	-11.319703	
1.00000		-11.511637	-107.780715	-0.379526
-0.004656		-0.377486	-14.548299	

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		10.201688	78.435212	0.957130
0.003980		1.068655	150.936761	
0.57750		10.201688	78.435212	0.957130
0.003980		0.670289	123.769742	
0.71833		10.201688	78.435212	0.957130
0.003980		0.272085	103.069857	
0.85917		10.201688	78.435212	0.957130
0.003980		0.115926	94.373221	
1.00000		10.201688	78.435212	0.957130
0.003980		0.404611	92.912500	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-17.744147	-106.399260	-0.698561
-0.004145		-0.779871	-115.692859	
0.57750		-17.744147	-106.399260	-0.698561
-0.004145		-0.487005	-75.010506	
0.71833		-17.744147	-106.399260	-0.698561
-0.004145		-0.194037	-47.026594	
0.85917		-17.744147	-106.399260	-0.698561
-0.004145		-0.141046	-22.786916	
1.00000		-17.744147	-106.399260	-0.698561
-0.004145		-0.542106	-18.650979	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2314

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		11.270070	76.404232	1.000638
0.003790		1.121032	149.311316	
0.57750		11.270070	76.404232	1.000638
0.003790		0.703949	122.098066	
0.71833		11.270070	76.404232	1.000638
0.003790		0.287017	100.285967	
0.85917		11.270070	76.404232	1.000638
0.003790		0.121765	88.484283	
1.00000		11.270070	76.404232	1.000638
0.003790		0.440018	82.580193	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-16.693045	-90.645942	-0.767153
-0.003469		-0.857396	-114.118376	
0.57750		-16.693045	-90.645942	-0.767153
-0.003469		-0.535768	-79.478967	
0.71833		-16.693045	-90.645942	-0.767153
-0.003469		-0.214043	-55.494414	
0.85917		-16.693045	-90.645942	-0.767153
-0.003469		-0.142434	-34.400527	
1.00000		-16.693045	-90.645942	-0.767153
-0.003469		-0.561788	-30.467353	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		1.522665	16.273009	0.294975
0.000707		0.335926	37.245325	
0.57750		1.522665	16.273009	0.294975
0.000707		0.248766	30.447783	
0.71833		1.522665	16.273009	0.294975
0.000707		0.088584	23.680970	
0.85917		1.522665	16.273009	0.294975
0.000707		0.040063	17.018489	
1.00000		1.522665	16.273009	0.294975
0.000707		0.163627	10.632668	

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-3.838787	-3.063733	-0.294610
-6.68E-06		-0.330484	-26.366868	
0.57750		-3.838787	-3.063733	-0.294610
-6.68E-06		-0.206963	-25.147309	
0.71833		-3.838787	-3.063733	-0.294610
-6.68E-06		-0.083442	-23.979263	
0.85917		-3.838787	-3.063733	-0.294610
-6.68E-06		-0.035226	-22.839109	
1.00000		-3.838787	-3.063733	-0.294610
-6.68E-06		-0.158798	-21.734939	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		12.556098	31.553215	0.569486
0.001465		0.645264	62.201052	
0.57750		12.556098	31.553215	0.569486
0.001465		0.406661	49.189265	
0.71833		12.556098	31.553215	0.569486
0.001465		0.168058	36.681531	
0.85917		12.556098	31.553215	0.569486
0.001465		0.065889	25.877606	
1.00000		12.556098	31.553215	0.569486
0.001465		0.264730	16.197392	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-5.264152	-13.669183	-0.474606
-0.000193		-0.531957	-54.172739	
0.57750		-5.264152	-13.669183	-0.474606
-0.000193		-0.332970	-49.338670	
0.71833		-5.264152	-13.669183	-0.474606
-0.000193		-0.133948	-45.719169	
0.85917		-5.264152	-13.669183	-0.474606
-0.000193		-0.071484	-42.818421	
1.00000		-5.264152	-13.669183	-0.474606
-0.000193		-0.310184	-40.608325	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page < MOVING LOAD > 2315

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		8.971721	38.730714	0.796722
0.001888		0.902035	73.272349	
0.57750		8.971721	38.730714	0.796722
0.001888		0.568300	62.248245	
0.71833		8.971721	38.730714	0.796722
0.001888		0.234710	52.249988	
0.85917		8.971721	38.730714	0.796722
0.001888		0.082592	44.746265	
1.00000		8.971721	38.730714	0.796722
0.001888		0.319271	44.680752	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-7.979434	-57.560981	-0.565361
-0.000306		-0.630097	-94.064157	
0.57750		-7.979434	-57.560981	-0.565361
-0.000306		-0.393060	-71.057792	
0.71833		-7.979434	-57.560981	-0.565361
-0.000306		-0.155920	-49.863209	
0.85917		-7.979434	-57.560981	-0.565361
-0.000306		-0.080790	-34.451322	
1.00000		-7.979434	-57.560981	-0.565361
-0.000306		-0.434668	-34.708995	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		8.958140	70.463483	0.948371
0.004396		1.064124	147.204319	
0.57750		8.958140	70.463483	0.948371
0.004396		0.669368	122.442697	
0.71833		8.958140	70.463483	0.948371
0.004396		0.274746	103.997377	
0.85917		8.958140	70.463483	0.948371
0.004396		0.119061	97.190663	
1.00000		8.958140	70.463483	0.948371
0.004396		0.418629	96.346824	

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-18.545455	-89.673351	-0.724264
-0.003652		-0.808850	-107.745540	
0.57750		-18.545455	-89.673351	-0.724264
-0.003652		-0.505208	-73.914904	
0.71833		-18.545455	-89.673351	-0.724264
-0.003652		-0.201489	-52.516076	
0.85917		-18.545455	-89.673351	-0.724264
-0.003652		-0.134502	-34.018240	
1.00000		-18.545455	-89.673351	-0.724264
-0.003652		-0.531840	-32.253069	

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		15.456621	33.310947	1.121083
1.24E-05		1.250363	40.634643	
0.57750		15.456621	33.310947	1.121083
1.24E-05		0.780389	26.918675	
0.71833		15.456621	33.310947	1.121083
1.24E-05		0.310415	13.523861	
0.85917		15.456621	33.310947	1.121083

```
 1.24E-05    0.098909    3.508042
1.00000    15.456621   33.310947    1.121083
 1.24E-05    0.427918    2.405901

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -3.151430  -42.984149   -0.782818
-0.001567   -0.884172  -88.285856
0.57750   -3.151430  -42.984149   -0.782818
-0.001567   -0.555757  -70.504980
0.71833   -3.151430  -42.984149   -0.782818
-0.001567   -0.227087  -52.990488
0.85917   -3.151430  -42.984149   -0.782818
-0.001567   -0.162038  -37.508267
1.00000   -3.151430  -42.984149   -0.782818
-0.001567   -0.630932  -31.024493
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2316

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   15.054074   57.189532    1.624381
 0.006023    1.802108  107.057439
0.57750   15.054074   57.189532    1.624381
 0.006023    1.125949   85.288595
0.71833   15.054074   57.189532    1.624381
 0.006023    0.453245   75.853671
0.85917   15.054074   57.189532    1.624381
 0.006023    0.218612   85.343741
1.00000   15.054074   57.189532    1.624381
 0.006023    0.788444  105.647823

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -19.505860  -124.522700   -1.367721
-0.007587   -1.524912  -136.808484
0.57750  -19.505860  -124.522700   -1.367721
-0.007587   -0.951452   -86.511289
0.71833  -19.505860  -124.522700   -1.367721
-0.007587   -0.380667   -59.851103
0.85917  -19.505860  -124.522700   -1.367721
-0.007587   -0.254037   -39.267248
1.00000  -19.505860  -124.522700   -1.367721
-0.007587   -0.934398   -25.172688

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   15.950313   68.498031    1.865313
 0.004795    2.080144  124.972786
0.57750   15.950313   68.498031    1.865313
 0.004795    1.301501   99.866774
0.71833   15.950313   68.498031    1.865313
 0.004795    0.525665   83.871333
0.85917   15.950313   68.498031    1.865313
 0.004795    0.226891   82.189892
1.00000   15.950313   68.498031    1.865313
 0.004795    0.851833   96.947209

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -17.200198  -126.559036   -1.496387
-0.005697   -1.669920  -151.911565
0.57750  -17.200198  -126.559036   -1.496387
-0.005697   -1.041683  -100.532152
0.71833  -17.200198  -126.559036   -1.496387
-0.005697   -0.416187   -66.208456
0.85917  -17.200198  -126.559036   -1.496387
-0.005697   -0.274935   -36.139679
1.00000  -17.200198  -126.559036   -1.496387
-0.005697   -1.056239   -25.253400

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   20.641681   73.522004    1.944762
 0.004464    2.171534  133.302289
0.57750   20.641681   73.522004    1.944762
 0.004464    1.358541  105.686708
0.71833   20.641681   73.522004    1.944762
 0.004464    0.548656   85.718134
0.85917   20.641681   73.522004    1.944762
 0.004464    0.226891   77.875129
1.00000   20.641681   73.522004    1.944762
 0.004464    0.863288   84.332887

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -16.504129  -109.570840   -1.524338
-0.004734   -1.703345  -147.177651
0.57750  -16.504129  -109.570840   -1.524338
-0.004734   -1.063613  -102.859116
0.71833  -16.504129  -109.570840   -1.524338
-0.004734   -0.426087   -72.867892
0.85917  -16.504129  -109.570840   -1.524338
-0.004734   -0.281979   -47.085104
1.00000  -16.504129  -109.570840   -1.524338
-0.004734   -1.096940   -38.086960
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2317

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    0.371973   14.534974    0.491187
 0.004446    0.546169   46.186225
0.57750    0.371973   14.534974    0.491187
 0.004446    0.343129   42.866100
0.71833    0.371973   14.534974    0.491187
 0.004446    0.142388   48.763619
0.85917    0.371973   14.534974    0.491187
 0.004446    0.108911   70.727198
1.00000    0.371973   14.534974    0.491187
 0.004446    0.343251   98.175921

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -16.444399  -80.345514   -0.565113
-0.004147   -0.618521  -54.228792
0.57750  -16.444399  -80.345514   -0.565113
-0.004147   -0.381636  -22.303046
0.71833  -16.444399  -80.345514   -0.565113
-0.004147   -0.146745   -7.400424
0.85917  -16.444399  -80.345514   -0.565113
-0.004147   -0.080392   -2.154905
1.00000  -16.444399  -80.345514   -0.565113
-0.004147   -0.286200   -2.092758

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    8.041424   36.378821    0.979549
 0.004852    1.093733   79.006210
0.57750    8.041424   36.378821    0.979549
 0.004852    0.686205   67.690198
0.71833    8.041424   36.378821    0.979549
 0.004852    0.280457   65.124041
0.85917    8.041424   36.378821    0.979549
 0.004852    0.142415   76.672705
1.00000    8.041424   36.378821    0.979549
 0.004852    0.487912   99.119119

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -13.925173  -91.984677   -0.831182
-0.003957   -0.918201  -83.346192
0.57750  -13.925173  -91.984677   -0.831182
-0.003957   -0.568987  -46.536522
0.71833  -13.925173  -91.984677   -0.831182
-0.003957   -0.222795  -26.025822
0.85917  -13.925173  -91.984677   -0.831182
-0.003957   -0.146238  -10.740523
1.00000  -13.925173  -91.984677   -0.831182
-0.003957   -0.556012  -13.945914

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   12.233709   79.222157    1.639286
 0.003381    1.835164  161.983646
0.57750   12.233709   79.222157    1.639286
 0.003381    1.150026  132.124249
0.71833   12.233709   79.222157    1.639286
 0.003381    0.465889  108.222336
0.85917   12.233709   79.222157    1.639286
 0.003381    0.208132   94.399250
1.00000   12.233709   79.222157    1.639286
 0.003381    0.785409   91.091371

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -19.861691  -98.219746   -1.381404
-0.003460   -1.537917  -118.567251
0.57750  -19.861691  -98.219746   -1.381404
-0.003460   -0.958746   -78.845621
0.71833  -19.861691  -98.219746   -1.381404
-0.003460   -0.379984   -49.951497
0.85917  -19.861691  -98.219746   -1.381404
-0.003460   -0.231635   -25.775653
1.00000  -19.861691  -98.219746   -1.381404
-0.003460   -0.918460   -19.066737
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2318

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   13.399138   81.277403    1.729831
 0.003301    1.941032  165.883418
0.57750   13.399138   81.277403    1.729831
 0.003301    1.217116  134.748075
0.71833   13.399138   81.277403    1.729831
 0.003301    0.494625  108.656910
0.85917   13.399138   81.277403    1.729831
 0.003301    0.216276   91.022665
1.00000   13.399138   81.277403    1.729831
 0.003301    0.831658   82.436126

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -19.868691  -85.047141   -1.470830
-0.002897   -1.640852  -118.859173
0.57750  -19.868691  -85.047141   -1.470830
-0.002897   -1.023423   -84.541424
0.71833  -19.868691  -85.047141   -1.470830
-0.002897   -0.406046   -59.748467
0.85917  -19.868691  -85.047141   -1.470830
-0.002897   -0.239107   -37.951267
1.00000  -19.868691  -85.047141   -1.470830
-0.002897   -0.963844   -31.649269

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    2.618224   22.215969    0.530786
 0.000727    0.603322   48.551914
0.57750    2.618224   22.215969    0.530786
 0.000727    0.380103   39.514187
0.71833    2.618224   22.215969    0.530786
 0.000727    0.157846   30.633883
0.85917    2.618224   22.215969    0.530786
 0.000727    0.073651   22.074701
1.00000    2.618224   22.215969    0.530786
 0.000727    0.300373   13.837575

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -7.709025   -5.895685   -0.539921
-3.90E-06   -0.605077   -31.048171
0.57750   -7.709025   -5.895685   -0.539921
-3.90E-06   -0.378645   -28.877815
0.71833   -7.709025   -5.895685   -0.539921
-3.90E-06   -0.152201   -26.896539
0.85917   -7.709025   -5.895685   -0.539921
-3.90E-06   -0.064125   -25.243637
1.00000   -7.709025   -5.895685   -0.539921
-3.90E-06   -0.286417   -23.852972

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   14.057428   43.004309    1.022302
 0.001459    1.152362   82.734384
0.57750   14.057428   43.004309    1.022302
 0.001459    0.723197   65.282544
0.71833   14.057428   43.004309    1.022302
 0.001459    0.294857   48.383715
0.85917   14.057428   43.004309    1.022302
 0.001459    0.115207   32.812715
1.00000   14.057428   43.004309    1.022302
 0.001459    0.469074   19.031535

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -9.329975  -15.881667   -0.843586
-0.000123   -0.946236  -58.118333
0.57750   -9.329975  -15.881667   -0.843586
-0.000123   -0.592499   -52.206641
0.71833   -9.329975  -15.881667   -0.843586
-0.000123   -0.238745   -47.277100
0.85917   -9.329975  -15.881667   -0.843586
-0.000123   -0.133538   -44.093373
1.00000   -9.329975  -15.881667   -0.843586
-0.000123   -0.561975   -42.820787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2319

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   10.005566   49.971564    1.269287
 0.001556    1.435307  102.020348
0.57750   10.005566   49.971564    1.269287
 0.001556    0.902585   83.945551
0.71833   10.005566   49.971564    1.269287
 0.001556    0.370439   66.781777
0.85917   10.005566   49.971564    1.269287
 0.001556    0.152754   52.825550
1.00000   10.005566   49.971564    1.269287
 0.001556    0.612421   48.951975

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -13.417013  -49.689505   -1.095809
-5.37E-06   -1.223449   -87.772665
0.57750  -13.417013  -49.689505   -1.095809
-5.37E-06   -0.763977   -67.985597
0.71833  -13.417013  -49.689505   -1.095809
-5.37E-06   -0.303669   -49.033314
0.85917  -13.417013  -49.689505   -1.095809
-5.37E-06   -0.160717   -34.793529
1.00000  -13.417013  -49.689505   -1.095809
-5.37E-06   -0.692380   -36.828699

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   10.391566   78.017206    1.593032
 0.003652    1.791551  169.029708
0.57750   10.391566   78.017206    1.593032
 0.003652    1.124872  139.508437
0.71833   10.391566   78.017206    1.593032
 0.003652    0.460085  115.527363
0.85917   10.391566   78.017206    1.593032
 0.003652    0.217306  101.190073
1.00000   10.391566   78.017206    1.593032
 0.003652    0.824270   95.433038

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -23.461005  -80.191778   -1.450688
-0.002756   -1.615032  -108.180696
0.57750  -23.461005  -80.191778   -1.450688
-0.002756   -1.006791   -76.196044
0.71833  -23.461005  -80.191778   -1.450688
-0.002756   -0.399070   -54.219536
0.85917  -23.461005  -80.191778   -1.450688
-0.002756   -0.216817   -37.376677
1.00000  -23.461005  -80.191778   -1.450688
-0.002756   -0.884014   -34.413640

COMB DB ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   14.953157   78.435212    1.071402
 0.005747    1.194905  150.936761
0.57750   14.953157   78.435212    1.071402
 0.005747    0.748666  123.768742
0.71833   14.953157   78.435212    1.071402
 0.005747    0.304585  103.997377
0.85917   14.953157   78.435212    1.071402
 0.005747    0.135466   97.190663
1.00000   14.953157   78.435212    1.071402
 0.005747    0.483199  102.654825

COMB DB ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -18.545455  -122.804183   -0.841726
-0.007585   -0.941758  -131.287328
0.57750  -18.545455  -122.804183   -0.841726
-0.007585   -0.588666   -88.746632
0.71833  -18.545455  -122.804183   -0.841726
-0.007585   -0.235873   -61.241390
0.85917  -18.545455  -122.804183   -0.841726
-0.007585   -0.158836   -42.818421
1.00000  -18.545455  -122.804183   -0.841726
-0.007585   -0.607663   -40.608325
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2320

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   20.641681   81.277403    1.944762
 0.006023    2.171634  169.069708
0.57750   20.641681   81.277403    1.944762
 0.006023    1.358541  139.508437
0.71833   20.641681   81.277403    1.944762
 0.006023    0.548656  115.527363
0.85917   20.641681   81.277403    1.944762
 0.006023    0.226891  101.190073
1.00000   20.641681   81.277403    1.944762
 0.006023    0.863288  105.647823

COMB DL ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -23.461005  -126.559036   -1.524338
-0.007587   -1.703345  -151.911565
0.57750  -23.461005  -126.559036   -1.524338
-0.007587   -1.063613  -102.859116
0.71833  -23.461005  -126.559036   -1.524338
-0.007587   -0.426087   -72.867892
0.85917  -23.461005  -126.559036   -1.524338
-0.007587   -0.281979   -47.085104
1.00000  -23.461005  -126.559036   -1.524338
-0.007587   -1.096940   -42.820787

COMB CAR ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   20.641681   81.277403    1.944762
 0.006023    2.171634  169.069708
0.57750   20.641681   81.277403    1.944762
 0.006023    1.358541  139.508437
0.71833   20.641681   81.277403    1.944762
 0.006023    0.548656  115.527363
0.85917   20.641681   81.277403    1.944762
 0.006023    0.226891  101.190073
1.00000   20.641681   81.277403    1.944762
 0.006023    0.863288  105.647823

COMB CAR ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -23.461005  -126.559036   -1.524338
-0.007587   -1.703345  -151.911565
0.57750  -23.461005  -126.559036   -1.524338
-0.007587   -1.063613  -102.859116
0.71833  -23.461005  -126.559036   -1.524338
-0.007587   -0.426087   -72.867892
0.85917  -23.461005  -126.559036   -1.524338
-0.007587   -0.281979   -47.085104
1.00000  -23.461005  -126.559036   -1.524338
-0.007587   -1.096940   -42.820787

COMB DESIGN ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   20.641681   81.277403    1.944762
 0.006023    2.171634  169.069708
0.57750   20.641681   81.277403    1.944762
 0.006023    1.358541  139.508437
0.71833   20.641681   81.277403    1.944762
 0.006023    0.548656  115.527363
0.85917   20.641681   81.277403    1.944762
 0.006023    0.226891  101.190073
1.00000   20.641681   81.277403    1.944762
 0.006023    0.863288  105.647823

COMB DESIGN ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667  -23.461005  -126.559036   -1.524338
-0.007587   -1.703345  -151.911565
0.57750  -23.461005  -126.559036   -1.524338
-0.007587   -1.063613  -102.859116
0.71833  -23.461005  -126.559036   -1.524338
-0.007587   -0.426087   -72.867892
0.85917  -23.461005  -126.559036   -1.524338
-0.007587   -0.281979   -47.085104
1.00000  -23.461005  -126.559036   -1.524338
-0.007587   -1.096940   -42.820787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2321

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM    207 ================== LENGTH =    2.977171

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.034015   36.814033    0.526800
 7.10E-06    0.296371    2.114184
0.14084    8.034015   36.814033    0.526800
 7.10E-06    0.075414    7.234738
0.28167    8.034015   36.814033    0.526800
 7.10E-06    0.152310   19.832639
0.42251    8.034015   36.814033    0.526800
 7.10E-06    0.388067   32.795975
0.56334    8.034015   36.814033    0.526800
 7.10E-06    0.623825   45.776201

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -1.907998  -31.109768   -0.562276
-0.001421   -0.319212   -19.787605
0.14084   -1.907998  -31.109768   -0.562276
-0.001421   -0.083493   -34.458394
0.28167   -1.907998  -31.109768   -0.562276
-0.001421   -0.145416   -49.711742
0.42251   -1.907998  -31.109768   -0.562276
-0.001421   -0.366296   -65.105787
0.56334   -1.907998  -31.109768   -0.562276
-0.001421   -0.587171   -80.524147

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    7.652344  128.173656    0.877767
 0.005812    0.522105  101.558377
0.14084    7.652344  128.173656    0.877767
 0.005812    0.155188   83.097472
0.28167    7.652344  128.173656    0.877767
 0.005812    0.212664   71.936746
0.42251    7.652344  128.173656    0.877767
 0.005812    0.556445   83.188586
0.56334    7.652344  128.173656    0.877767
 0.005812    0.893196  104.380546

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -19.175986  -53.344273   -0.803167
-0.007463   -0.453877   -12.114953
0.14084  -19.175986  -53.344273   -0.803167
-0.007463   -0.126924   -33.236322
0.28167  -19.175986  -53.344273   -0.803167
-0.007463   -0.235492   -56.074363
0.42251  -19.175986  -53.344273   -0.803167
-0.007463   -0.588264   -86.687675
0.56334  -19.175986  -53.344273   -0.803167
-0.007463   -0.950595  -137.568462

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    9.388872  115.032171    1.101548
 0.004103    0.639134   88.967479
0.14084    9.388872  115.032171    1.101548
 0.004103    0.177979   91.610520
0.28167    9.388872  115.032171    1.101548
 0.004103    0.225484  102.112766
0.42251    9.388872  115.032171    1.101548
 0.004103    0.567318  128.615708
0.56334    9.388872  115.032171    1.101548
 0.004103    0.909069  161.934117

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -15.442506  -81.590145   -0.815065
-0.005415   -0.455078   -13.975967
0.14084  -15.442506  -81.590145   -0.815065
-0.005415   -0.124854   -39.452939
0.28167  -15.442506  -81.590145   -0.815065
-0.005415   -0.299474   -66.623380
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                         2322

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.42251  -15.442506  -81.590145   -0.815065
-0.005415   -0.750927   -99.094885
0.56334  -15.442506  -81.590145   -0.815065
-0.005415   -1.208918  -145.383540

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   14.778928  107.841400    1.155133
 0.004067    0.663534   77.110327
0.14084   14.778928  107.841400    1.155133
 0.004067    0.181751   76.569397
0.28167   14.778928  107.841400    1.155133
 0.004067    0.237486   85.649840
0.42251   14.778928  107.841400    1.155133
 0.004067    0.517664  108.420984
0.56334   14.778928  107.841400    1.155133
 0.004067    0.957749  137.158009

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -14.303644  -71.909968   -0.858814
-0.004499   -0.483265   -28.965789
0.14084  -14.303644  -71.909968   -0.858814
-0.004499   -0.129542   -49.941450
0.28167  -14.303644  -71.909968   -0.858814
-0.004499   -0.315496   -72.419908
0.42251  -14.303644  -71.909968   -0.858814
-0.004499   -0.791191   -99.743236
0.56334  -14.303644  -71.909968   -0.858814
-0.004499   -1.272302  -139.811665

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    0.072034   68.144896    0.407924
 0.004858    0.253875  102.961289
0.14084    0.072034   68.144896    0.407924
 0.004858    0.084005   92.425070
0.28167    0.072034   68.144896    0.407924
 0.004858    0.058837   82.502132
0.42251    0.072034   68.144896    0.407924
 0.004858    0.144539   91.037003
0.56334    0.072034   68.144896    0.407924
 0.004858    0.230221  107.727368

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -15.630921   -42.019259   -0.204369
-0.004803   -0.112627   -1.950219
0.14084   -15.630921   -42.019259   -0.204369
-0.004803   -0.035196   -3.977634
0.28167   -15.630921   -42.019259   -0.204369
-0.004803   -0.106303   -6.738286
0.42251   -15.630921   -42.019259   -0.204369
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-0.004803   -0.264470   -16.010422
 0.56334   -15.630921   -42.019259    -0.204369
-0.004803   -0.430740   -42.221835

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.050275    80.898936    0.739338
 0.004998    0.437738   100.905880
 0.14084    8.050275    80.898936    0.739338
 0.004998    0.143631    96.335265
 0.28167    8.050275    80.898936    0.739338
 0.004998    0.096112    94.259078
 0.42251    8.050275    80.898936    0.739338
 0.004998    0.236419   110.465452
 0.56334    8.050275    80.898936    0.739338
 0.004998    0.376621   134.678177

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -13.056987   -60.753723    -0.334418
-0.004471   -0.184988   -14.536978
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2323

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.14084   -13.056987   -60.753723    -0.334418
-0.004471   -0.126717   -20.126717
 0.28167   -13.056987   -60.753723    -0.334418
-0.004471   -0.199289   -28.486582
 0.42251   -13.056987   -60.753723    -0.334418
-0.004471   -0.497346   -42.447063
 0.56334   -13.056987   -60.753723    -0.334418
-0.004471   -0.802897   -73.211410

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.044456   113.786499    1.008951
 0.003630    0.583117    93.100372
 0.14084   10.044456   113.786499    1.008951
 0.003630    0.160644    85.443705
 0.28167   10.044456   113.786499    1.008951
 0.003630    0.192402    94.900713
 0.42251   10.044456   113.786499    1.008951
 0.003630    0.482071   118.415781
 0.56334   10.044456   113.786499    1.008951
 0.003630    0.771617   147.873935

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.814366   -73.214233    -0.690653
-0.004284   -0.387080   -18.628711
 0.14084   -18.814366   -73.214233    -0.690653
-0.004284   -0.104268   -26.418169
 0.28167   -18.814366   -73.214233    -0.690653
-0.004284   -0.275096   -54.826962
 0.42251   -18.814366   -73.214233    -0.690653
-0.004284   -0.685861   -88.013433
 0.56334   -18.814366   -73.214233    -0.690653
-0.004284   -1.109567   -133.295355

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.143381   106.083966    1.072645
 0.003715    0.616767    82.743917
 0.14084   11.143381   106.083966    1.072645
 0.003715    0.167465    71.665886
 0.28167   11.143381   106.083966    1.072645
 0.003715    0.213656    79.713717
 0.42251   11.143381   106.083966    1.072645
 0.003715    0.536250    99.632382
 0.56334   11.143381   106.083966    1.072645
 0.003715    0.858734   124.460408

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -17.598796   -62.868411    -0.769161
-0.003584   -0.431842   -30.451480
 0.14084   -17.598796   -62.868411    -0.769161
-0.003584   -0.114711   -36.518613
 0.28167   -17.598796   -62.868411    -0.769161
-0.003584   -0.292878   -59.733727
 0.42251   -17.598796   -62.868411    -0.769161
-0.003584   -0.735553   -86.862140
 0.56334   -17.598796   -62.868411    -0.769161
-0.003584   -1.182666   -124.509207

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    1.531367    16.455203    0.349572
 0.001077    0.198086    10.641314
 0.14084    1.531367    16.455203    0.349572
 0.001077    0.051425     5.703270
 0.28167    1.531367    16.455203    0.349572
 0.001077    0.085016     3.203291
 0.42251    1.531367    16.455203    0.349572
 0.001077    0.214563     2.212162
 0.56334    1.531367    16.455203    0.349572
 0.001077    0.344112     2.994805
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2324

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -3.871950   -3.024567    -0.308969
-9.45E-06   -0.174080   -21.739031
 0.14084   -3.871950   -3.024567    -0.308969
-9.45E-06   -0.044457   -20.682672
 0.28167   -3.871950   -3.024567    -0.308969
-9.45E-06   -0.095084   -19.710939
 0.42251   -3.871950    6.170157    -0.308969
-9.45E-06   -0.241640   -18.872291
 0.56334   -3.871950   -3.024567    -0.308969
-9.45E-06   -0.388208   -18.114711

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   12.569192    33.775450    0.640905
 0.001978    0.361812    16.223581
 0.14084   12.569192    33.775450    0.640905
 0.001978    0.092977     8.641826
 0.28167   12.569192    33.775450    0.640905
 0.001978    0.136352     6.170157
 0.42251   12.569192    33.775450    0.640905
 0.001978    0.343585     8.828113
 0.56334   12.569192    33.775450    0.640905
 0.001978    0.550780    12.523277

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -5.367117   -12.004324    -0.494154
-0.000185   -0.277982   -40.616556
 0.14084   -5.367117   -12.004324    -0.494154
-0.000185   -0.070918   -39.477917
 0.28167   -5.367117   -12.004324    -0.494154
-0.000185   -0.176328   -40.170674
 0.42251   -5.367117   -12.004324    -0.494154
-0.000185   -0.444582   -42.138262
 0.56334   -5.367117   -12.004324    -0.494154
-0.000185   -0.713125   -46.174662

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    9.036260    42.229868    0.901355
 0.001814    0.509934    44.701707
 0.14084    9.036260    42.229868    0.901355
 0.001814    0.131984    55.295947
 0.28167    9.036260    42.229868    0.901355
 0.001814    0.152524    70.703505
 0.42251    9.036260    42.229868    0.901355
 0.001814    0.379772    91.944898
 0.56334    9.036260    42.229868    0.901355
 0.001814    0.606947   114.062290

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.137060   -55.142357    -0.541887
-0.000294   -0.302009   -34.706517
 0.14084   -8.137060   -55.142357    -0.541887
-0.000294   -0.076686   -40.252250
 0.28167   -8.137060   -55.142357    -0.541887
-0.000294   -0.247339   -45.983074
 0.42251   -8.137060   -55.142357    -0.541887
-0.000294   -0.624440   -52.575858
 0.56334   -8.137060   -55.142357    -0.541887
-0.000294   -1.002062   -61.300450

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.800567   105.762729    1.042738
 0.004428    0.600791    96.546297
 0.14084    8.800567   105.762729    1.042738
 0.004428    0.165114    79.563903
 0.28167    8.800567   105.762729    1.042738
 0.004428    0.199972    77.912117
 0.42251    8.800567   105.762729    1.042738
 0.004428    0.500807    94.364236
 0.56334    8.800567   105.762729    1.042738
 0.004428    0.801558   116.590222
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2325

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -19.655055   -56.755029    -0.717319
-0.003751   -0.402013   -32.241183
-0.14084   -19.655055   -56.755029    -0.717319
-0.003751   -0.107374   -33.816599
 0.28167   -19.655055   -56.755029    -0.717319
-0.003751   -0.285666   -51.504147
 0.42251   -19.655055   -56.755029    -0.717319
-0.003751   -0.714451   -74.962884
 0.56334   -19.655055   -56.755029    -0.717319
-0.003751   -1.148527   -110.412526

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   15.443933    32.970717    1.053625
 4.22E-06    0.563501     2.399787
 0.14084   15.443933    32.970717    1.053625
 4.22E-06    0.141728     6.686279
 0.28167   15.443933    32.970717    1.053625
 4.22E-06    0.241699    22.458371
 0.42251   15.443933    32.970717    1.053625
 4.22E-06    0.621983    39.709879
 0.56334   15.443933    32.970717    1.053625
 4.22E-06    1.002140    57.408943

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -3.128946   -42.892934    -0.906161
-0.001568   -0.515762   -31.018437
 0.14084   -3.128946   -42.892934    -0.906161
-0.001568   -0.136139   -33.634624
 0.28167   -3.128946   -42.892934    -0.906161
-0.001568   -0.300266   -45.437640
 0.42251   -3.128946   -42.892934    -0.906161
-0.001568   -0.741950   -58.600095
 0.56334   -3.128946   -42.892934    -0.906161
-0.001568   -1.183667   -72.160371

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   14.593292   119.650519    1.649887
 0.005800    0.954080   105.703802
 0.14084   14.593292   119.650519    1.649887
 0.005800    0.264202    84.660004
 0.28167   14.593292   119.650519    1.649887
 0.005800    0.383544    76.805862
 0.42251   14.593292   119.650519    1.649887
 0.005800    0.971734    91.044729
 0.56334   14.593292   119.650519    1.649887
 0.005800    1.559464   116.283982

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -22.473956   -64.510368    -1.402390
-0.008017   -0.794653   -25.156811
 0.14084   -22.473956   -64.510368    -1.402390
-0.008017   -0.223501   -31.768408
 0.28167   -22.473956   -64.510368    -1.402390
-0.008017   -0.454576   -49.561747
 0.42251   -22.473956   -64.510368    -1.402390
-0.008017   -1.132345   -78.119851
 0.56334   -22.473956   -64.510368    -1.402390
-0.008017   -1.817039   -126.695459

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   15.680037   112.837296    1.913331
 0.004304    1.091589    96.980873
 0.14084   15.680037   112.837296    1.913331
 0.004304    0.290943    93.149075
 0.28167   15.680037   112.837296    1.913331
 0.004304    0.417803   102.315298
 0.42251   15.680037   112.837296    1.913331
 0.004304    1.055588   127.510560
 0.56334   15.680037   112.837296    1.913331
 0.004304    1.693708   160.549724
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2326

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -19.341376   -84.287739    -1.520588
-0.006017   -0.856468   -25.232445
-0.14084   -19.341376   -84.287739    -1.520588
-0.006017   -0.231198   -38.307755
 0.28167   -19.341376   -84.287739    -1.520588
-0.006017   -0.530095   -61.366831
 0.42251   -19.341376   -84.287739    -1.520588
-0.006017   -1.322466   -92.321262
 0.56334   -19.341376   -84.287739    -1.520588
-0.006017   -2.119563   -137.503434

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   20.429658   110.387149    1.990769
 0.004221    1.131212    84.368896
 0.14084   20.429658   110.387149    1.990769
 0.004221    0.297857    77.803909
 0.28167   20.429658   110.387149    1.990769
 0.004221    0.430934    86.178511
 0.42251   20.429658   110.387149    1.990769
 0.004221    1.090532   108.380917
 0.56334   20.429658   110.387149    1.990769
 0.004221    1.750665   137.267334

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.301513   -74.675546    -1.573112
-0.005000   -0.887695   -38.073716
-0.14084   -18.301513   -74.675546    -1.573112
-0.005000   -0.238462   -50.787590
 0.28167   -18.301513   -74.675546    -1.573112
-0.005000   -0.552660   -74.825657
 0.42251   -18.301513   -74.675546    -1.573112
-0.005000   -1.378795   -105.616434
 0.56334   -18.301513   -74.675546    -1.573112
-0.005000   -2.209775   -148.290845

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.062725    58.734389    0.596246
 0.004063    0.362537    98.212813
 0.14084    0.062725    58.734389    0.596246
 0.004063    0.113172    90.742933
 0.28167    0.062725    58.734389    0.596246
 0.004063    0.133011    83.001270
 0.42251    0.062725    58.734389    0.596246
 0.004063    0.325757    90.140512
 0.56334    0.062725    58.734389    0.596246
 0.004063    0.518226   104.862887

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.548557   -38.742534    -0.459717
-0.004348   -0.254647   -2.078678
-0.14084   -18.548557   -38.742534    -0.459717
-0.004348   -0.074236   -3.855200
 0.28167   -18.548557   -38.742534    -0.459717
-0.004348   -0.155363   -6.470808
 0.42251   -18.548557   -38.742534    -0.459717
-0.004348   -0.395578   -15.745787
 0.56334   -18.548557   -38.742534    -0.459717
-0.004348   -0.640662   -38.954855

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.826512    78.659356    1.077152
 0.004334    0.627134    99.158305
 0.14084    7.826512    78.659356    1.077152
 0.004334    0.177148    94.007182
 0.28167    7.826512    78.659356    1.077152
 0.004334    0.212542    91.530191
 0.42251    7.826512    78.659356    1.077152
 0.004334    0.527861    93.053745
 0.56334    7.826512    78.659356    1.077152
 0.004334    0.844293   123.140850
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2327

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -15.990154   -52.554443    -0.753195
-0.004150   -0.419310   -13.928868
-0.14084   -15.990154   -52.554443    -0.753195
-0.004150   -0.116252   -22.509093
 0.28167   -15.990154   -52.554443    -0.753195
-0.004150   -0.292193   -32.628872
 0.42251   -15.990154   -52.554443    -0.753195
-0.004150   -0.734592   -49.326544
 0.56334   -15.990154   -52.554443    -0.753195
-0.004150   -1.181152   -79.428129

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   12.100955   106.089468    1.713225
 0.002931    0.974920    91.101389
 0.14084   12.100955   106.089468    1.713225
 0.002931    0.257927    83.663476
 0.28167   12.100955   106.089468    1.713225
 0.002931    0.374393    96.377292
 0.42251   12.100955   106.089468    1.713225
 0.002931    0.940211   119.507285
 0.56334   12.100955   106.089468    1.713225
 0.002931    1.505318   147.831981

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -21.189241   -72.705670    -1.347968
-0.003888   -0.754350   -19.036840
-0.14084   -21.189241   -72.705670    -1.347968
-0.003888   -0.197422   -25.983573
 0.28167   -21.189241   -72.705670    -1.347968
-0.003888   -0.472446   -54.393468
 0.42251   -21.189241   -72.705670    -1.347968
-0.003888   -1.168639   -87.613105
 0.56334   -21.189241   -72.705670    -1.347968
-0.003888   -1.899497   -129.641993

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   13.301285   103.915443    1.834462
 0.003195    1.041766    82.453612
 0.14084   13.301285   103.915443    1.834462
 0.003195    0.273801    70.461807
 0.28167   13.301285   103.915443    1.834462
 0.003195    0.405416    81.504878
 0.42251   13.301285   103.915443    1.834462
 0.003195    1.018956   101.564006
 0.56334   13.301285   103.915443    1.834462
 0.003195    1.633144   125.921952

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -21.006803   -63.684674    -1.463211
-0.003254   -0.820221   -31.629810
-0.14084   -21.006803   -63.684674    -1.463211
-0.003254   -0.213434   -36.947296
 0.28167   -21.006803   -63.684674    -1.463211
-0.003254   -0.505512   -64.610246
 0.42251   -21.006803   -63.684674    -1.463211
-0.003254   -1.269080   -96.685399
 0.56334   -21.006803   -63.684674    -1.463211
-0.003254   -2.035887   -136.199917

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    2.639566    22.450618    0.630720
 0.001152    0.358251    13.850630
 0.14084    2.639566    22.450618    0.630720
 0.001152    0.093918     6.847099
 0.28167    2.639566    22.450618    0.630720
 0.001152    0.153849     4.164593
 0.42251    2.639566    22.450618    0.630720
 0.001152    0.386854     4.831602
 0.56334    2.639566    22.450618    0.630720
 0.001152    0.619928     6.052511
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2328

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -7.759462   -5.922189    -0.555649
-6.79E-06    -0.312003   -23.86115
 0.14084    -7.759462   -5.922189    -0.555649
-6.79E-06    -0.078752   -23.074815
 0.28167    -7.759462   -5.922189    -0.555649
-6.79E-06    -0.169918   -25.617861
 0.42251    -7.759462   -5.922189    -0.555649
-6.79E-06    -0.434097   -31.120931
 0.56334    -7.759462   -5.922189    -0.555649
-6.79E-06    -0.699257   -36.991153

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   14.083532   44.576342    1.106589
 0.001956    0.623429   19.054876
 0.14084   14.083532   44.576342    1.106589
 0.001956    0.160013    9.176199
 0.28167   14.083532   44.576342    1.106589
 0.001956    0.244558    7.159554
 0.42251   14.083532   44.576342    1.106589
 0.001956    0.619339   10.654579
 0.56334   14.083532   44.576342    1.106589
 0.001956    0.994301   15.612046

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -9.463613   -15.003290   -0.894033
-0.000129    -0.505521   -42.833340
 0.14084    -9.463613   -15.003290   -0.894033
-0.000129    -0.130916   -45.051429
 0.28167    -9.463613   -15.003290   -0.894033
-0.000129    -0.304372   -53.592189
 0.42251    -9.463613   -15.003290   -0.894033
-0.000129    -0.767698   -66.126321
 0.56334    -9.463613   -15.003290   -0.894033
-0.000129    -1.232186   -79.674114

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.103426   50.340502    1.417152
 0.001590    0.799116   48.960995
 0.14084   10.103426   50.340502    1.417152
 0.001590    0.205409   55.833103
 0.28167   10.103426   50.340502    1.417152
 0.001590    0.301343   69.554529
 0.42251   10.103426   50.340502    1.417152
 0.001590    0.755877   87.628099
 0.56334   10.103426   50.340502    1.417152
 0.001590    1.209620   106.712610

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -13.516964   -50.463183   -1.082306
-7.66E-06    -0.603546   -36.825964
 0.14084   -13.516964   -50.463183   -1.082306
-7.66E-06    -0.150279   -44.290966
 0.28167   -13.516964   -50.463183   -1.082306
-7.66E-06    -0.388053   -56.679371
 0.42251   -13.516964   -50.463183   -1.082306
-7.66E-06    -0.982060   -72.069724
 0.56334   -13.516964   -50.463183   -1.082306
-7.66E-06    -1.577054   -87.814525

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.290094   102.753544    1.751938
 0.003614    1.000072   95.459550
 0.14084   10.290094   102.753544    1.751938
 0.003614    0.266983   79.613728
 0.28167   10.290094   102.753544    1.751938
 0.003614    0.392086   81.539879
 0.42251   10.290094   102.753544    1.751938
 0.003614    0.982055   97.537263
 0.56334   10.290094   102.753544    1.751938
 0.003614    1.571370   118.667416
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2329

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -24.728795   -57.011276   -1.405902
-0.003115    -0.785910   -34.398756
 0.14084   -24.728795   -57.011276   -1.405902
-0.003115    -0.203779   -37.312958
 0.28167   -24.728795   -57.011276   -1.405902
-0.003115    -0.478345   -58.963012
 0.42251   -24.728795   -57.011276   -1.405902
-0.003115    -1.207249   -88.539939
 0.56334   -24.728795   -57.011276   -1.405902
-0.003115    -1.939431   -126.456088

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   14.778928   128.173656    1.155133
 0.005812    0.665534   102.961289
 0.14084   14.778928   128.173656    1.155133
 0.005812    0.181751   96.335265
 0.28167   14.778928   128.173656    1.155133
 0.005812    0.237486   102.112766
 0.42251   14.778928   128.173656    1.155133
 0.005812    0.597664   128.615708
 0.56334   14.778928   128.173656    1.155133
 0.005812    0.957749   161.934117

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -19.655055   -81.590145   -0.858814
-0.007463    -0.483265   -40.616556
 0.14084   -19.655055   -81.590145   -0.858814
-0.007463    -0.129542   -49.941450
 0.28167   -19.655055   -81.590145   -0.858814
-0.007463    -0.315496   -72.419908
 0.42251   -19.655055   -81.590145   -0.858814
-0.007463    -0.791191   -99.743236
 0.56334   -19.655055   -81.590145   -0.858814
-0.007463    -1.272302   -145.383540

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   20.429658   119.650519    1.990769
 0.005800    1.131212   105.703802
 0.14084   20.429658   119.650519    1.990769
 0.005800    0.297857    94.007182
 0.28167   20.429658   119.650519    1.990769
 0.005800    0.430934   102.315298
 0.42251   20.429658   119.650519    1.990769
 0.005800    1.090532   127.510560
 0.56334   20.429658   119.650519    1.990769
 0.005800    1.750665   160.549724
```

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.728795	-84.287739	-1.573112
-0.008017	-0.887695	-42.833340	
0.14084	-24.728795	-84.287739	-1.573112
-0.008017	-0.238462	-50.787590	
0.28167	-24.728795	-84.287739	-1.573112
-0.008017	-0.552660	-74.825657	
0.42251	-24.728795	-84.287739	-1.573112
-0.008017	-1.378795	-105.616434	
0.56334	-24.728795	-84.287739	-1.573112
-0.008017	-2.209775	-148.290845	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.429658	128.173656	1.990769
0.005812	1.131212	105.703802	
0.14084	20.429658	128.173656	1.990769
0.005812	0.297857	96.335265	
0.28167	20.429658	128.173656	1.990769
0.005812	0.430934	102.315298	
0.42251	20.429658	128.173656	1.990769
0.005812	1.090532	128.615708	
0.56334	20.429658	128.173656	1.990769
0.005812	1.750665	161.934117	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2330

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.728795	-84.287739	-1.573112
-0.008017	-0.887695	-42.833340	
0.14084	-24.728795	-84.287739	-1.573112
-0.008017	-0.238462	-50.787590	
0.28167	-24.728795	-84.287739	-1.573112
-0.008017	-0.552660	-74.825657	
0.42251	-24.728795	-84.287739	-1.573112
-0.008017	-1.378795	-105.616434	
0.56334	-24.728795	-84.287739	-1.573112
-0.008017	-2.209775	-148.290845	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.429658	128.173656	1.990769
0.005812	1.131212	105.703802	
0.14084	20.429658	128.173656	1.990769
0.005812	0.297857	96.335265	
0.28167	20.429658	128.173656	1.990769
0.005812	0.430934	102.315298	
0.42251	20.429658	128.173656	1.990769
0.005812	1.090532	128.615708	
0.56334	20.429658	128.173656	1.990769
0.005812	1.750665	161.934117	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.728795	-84.287739	-1.573112
-0.008017	-0.887695	-42.833340	
0.14084	-24.728795	-84.287739	-1.573112
-0.008017	-0.238462	-50.787590	
0.28167	-24.728795	-84.287739	-1.573112
-0.008017	-0.552660	-74.825657	
0.42251	-24.728795	-84.287739	-1.573112
-0.008017	-1.378795	-105.616434	
0.56334	-24.728795	-84.287739	-1.573112
-0.008017	-2.209775	-148.290845	

ELEM 208 ========== LENGTH = 2.977599

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	16.837508	3.600195	0.573031
0.000482	0.621451	5.300583	
0.57745	16.837508	3.600195	0.573031
0.000482	0.381122	4.229607	
0.71830	16.837508	3.600195	0.573031
0.000482	0.140777	3.178886	
0.85915	16.837508	3.600195	0.573031
0.000482	-0.100563	2.185356	
1.00000	16.837508	3.600195	0.573031
0.000482	0.354176	1.448727	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-2.742017	-42.577876	-0.601697
-0.001327	-0.655250	-78.766852	
0.57745	-2.742017	-42.577876	-0.601697
-0.001327	-0.402900	-60.954426	
0.71830	-2.742017	-42.577876	-0.601697
-0.001327	-0.150539	-43.184710	
0.85915	-2.742017	-42.577876	-0.601697
-0.001327	-0.099506	-25.684696	
1.00000	-2.742017	-42.577876	-0.601697
-0.001327	-0.339877	-12.952657	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	16.371253	27.765832	0.866423
0.005597	0.942022	47.121480	
0.57745	16.371253	27.765832	0.866423
0.005597	0.578645	36.859524	
0.71830	16.371253	27.765832	0.866423
0.005597	0.215286	35.424220	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2331

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	16.371253	27.765832	0.866423
0.005597	0.181818	54.614989	
1.00000	16.371253	27.765832	0.866423
0.005597	0.566553	80.139582	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-29.661641	-114.833809	-0.938841
-0.005327	-1.018460	-121.686703	
0.57745	-29.661641	-114.833809	-0.938841
-0.005327	-0.624770	-78.276100	
0.71830	-29.661641	-114.833809	-0.938841
-0.005327	-0.231313	-49.390428	
0.85915	-29.661641	-114.833809	-0.938841
-0.005327	-0.164746	-28.606820	
1.00000	-29.661641	-114.833809	-0.938841
-0.005327	-0.519271	-11.114082	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	14.960725	46.649376	1.074455
0.004499	1.168915	76.131559	
0.57745	14.960725	46.649376	1.074455
0.004499	0.718289	57.099197	
0.71830	14.960725	46.649376	1.074455
0.004499	0.267693	44.268133	
0.85915	14.960725	46.649376	1.074455
0.004499	0.196415	50.497160	
1.00000	14.960725	46.649376	1.074455
0.004499	0.629854	62.779234	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-23.479412	-96.954143	-1.047736
-0.003947	-1.134623	-113.917800	
0.57745	-23.479412	-96.954143	-1.047736
-0.003947	-0.695270	-76.493962	
0.71830	-23.479412	-96.954143	-1.047736
-0.003947	-0.256019	-49.061797	
0.85915	-23.479412	-96.954143	-1.047736
-0.003947	-0.194339	-26.734669	
1.00000	-23.479412	-96.954143	-1.047736
-0.003947	-0.638870	-11.359119	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	27.055886	56.027292	1.123117
0.004170	1.221690	92.190510	
0.57745	27.055886	56.027292	1.123117
0.004170	0.750655	69.362678	
0.71830	27.055886	56.027292	1.123117
0.004170	0.279626	51.867559	
0.85915	27.055886	56.027292	1.123117
0.004170	0.193312	50.242053	
1.00000	27.055886	56.027292	1.123117
0.004170	0.626072	54.479383	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-22.568861	-82.126936	-1.043570
-0.003436	-1.130256	-97.439370	
0.57745	-22.568861	-82.126936	-1.043570
-0.003436	-0.692628	-65.688451	
0.71830	-22.568861	-82.126936	-1.043570
-0.003436	-0.255081	-44.541372	
0.85915	-22.568861	-82.126936	-1.043570
-0.003436	-0.200839	-29.679443	
1.00000	-22.568861	-82.126936	-1.043570
-0.003436	-0.666842	-21.276262	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.165341	19.647066	0.329484
0.004521	0.360675	38.272750	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2332

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57745	0.165341	19.647066	0.329484
0.004521	0.222491	31.147492	
0.71830	0.165341	19.647066	0.329484
0.004521	0.084412	33.344904	
0.85915	0.165341	19.647066	0.329484
0.004521	0.080006	52.379643	
1.00000	0.165341	19.647066	0.329484
0.004521	0.216683	75.931301	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-30.556766	-71.018092	-0.344058
-0.003267	-0.368974	-44.338290	
0.57745	-30.556766	-71.018092	-0.344058
-0.003267	-0.224685	-18.840267	
0.71830	-30.556766	-71.018092	-0.344058
-0.003267	-0.080554	-5.446367	
0.85915	-30.556766	-71.018092	-0.344058
-0.003267	-0.067877	-0.956512	
1.00000	-30.556766	-71.018092	-0.344058
-0.003267	-0.198559	-1.495262	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	11.842196	46.621960	0.650850
0.004790	0.710043	78.513700	
0.57745	11.842196	46.621960	0.650850
0.004790	0.437077	59.777721	
0.71830	11.842196	46.621960	0.650850
0.004790	0.164144	48.396541	
0.85915	11.842196	46.621960	0.650850
0.004790	0.113366	58.434282	
1.00000	11.842196	46.621960	0.650850
0.004790	0.332638	71.331649	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-25.373199	-64.452006	-0.539285
-0.003088	-0.579810	-43.901150	
0.57745	-25.373199	-64.452006	-0.539285
-0.003088	-0.353642	-20.513541	
0.71830	-25.373199	-64.452006	-0.539285
-0.003088	-0.127577	-9.898072	
0.85915	-25.373199	-64.452006	-0.539285
-0.003088	-0.121938	-6.690218	
1.00000	-25.373199	-64.452006	-0.539285
-0.003088	-0.387879	-11.360826	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	16.956871	69.583486	0.972933
0.003883	1.058713	127.074522	
0.57745	16.956871	69.583486	0.972933
0.003883	0.650665	98.524578	
0.71830	16.956871	69.583486	0.972933
0.003883	0.242636	75.400606	
0.85915	16.956871	69.583486	0.972933
0.003883	0.171943	68.593514	
1.00000	16.956871	69.583486	0.972933
0.003883	0.550692	64.418597	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-35.435030	-73.638555	-0.914715
-0.002947	-0.989318	-79.490723	
0.57745	-35.435030	-73.638555	-0.914715
-0.002947	-0.605693	-51.314925	
0.71830	-35.435030	-73.638555	-0.914715
-0.002947	-0.222101	-32.536787	
0.85915	-35.435030	-73.638555	-0.914715
-0.002947	-0.174679	-19.736198	
1.00000	-35.435030	-73.638555	-0.914715
-0.002947	-0.577774	-14.510514	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2333

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	18.344570	70.902085	1.021701
0.003669	1.112424	131.477616	
0.57745	18.344570	70.902085	1.021701
0.003669	0.683923	102.241330	
0.71830	18.344570	70.902085	1.021701
0.003669	0.255411	77.447053	
0.85915	18.344570	70.902085	1.021701
0.003669	0.175216	66.426712	
1.00000	18.344570	70.902085	1.021701
0.003669	0.568100	57.529028	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-33.637040	-62.737757	-0.946367
-0.002667	-1.024119	-69.075002	
0.57745	-33.637040	-62.737757	-0.946367
-0.002667	-0.627220	-45.029702	
0.71830	-33.637040	-62.737757	-0.946367
-0.002667	-0.230335	-30.899389	
0.85915	-33.637040	-62.737757	-0.946367
-0.002667	-0.180803	-21.514069	
1.00000	-33.637040	-62.737757	-0.946367
-0.002667	-0.605173	-18.384419	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	2.648137	17.590837	0.305139
0.000637	0.333859	36.934405	
0.57745	2.648137	17.590837	0.305139
0.000637	0.205892	29.604847	
0.71830	2.648137	17.590837	0.305139
0.000637	0.077915	22.290619	
0.85915	2.648137	17.590837	0.305139
0.000637	0.050538	15.042176	
1.00000	2.648137	17.590837	0.305139
0.000637	0.172996	7.977781	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-8.044755	-2.501322	-0.291853
-0.000332	-0.316626	-7.129041	
0.57745	-8.044755	-2.501322	-0.291853
-0.000332	-0.194222	-6.757452	
0.71830	-8.044755	-2.501322	-0.291853
-0.000332	-0.071803	-6.519122	
0.85915	-8.044755	-2.501322	-0.291853
-0.000332	-0.050041	-6.533350	
1.00000	-8.044755	-2.501322	-0.291853
-0.000332	-0.178062	-6.783021	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	23.880643	41.376624	0.589093
0.001304	0.642218	73.641216	
0.57745	23.880643	41.376624	0.589093
0.001304	0.395152	56.760180	
0.71830	23.880643	41.376624	0.589093
0.001304	0.148043	40.313760	
0.85915	23.880643	41.376624	0.589093
0.001304	0.082889	25.000693	
1.00000	23.880643	41.376624	0.589093
0.001304	0.281227	11.912909	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-11.068320	-5.393330	-0.473220
-0.000554	-0.512952	-8.921940	
0.57745	-11.068320	-5.393330	-0.473220
-0.000554	-0.314468	-8.597636	
0.71830	-11.068320	-5.393330	-0.473220
-0.000554	-0.115898	-10.908817	
0.85915	-11.068320	-5.393330	-0.473220
-0.000554	-0.099463	-16.400271	
1.00000	-11.068320	-5.393330	-0.473220
-0.000554	-0.346314	-23.509448	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2334

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	11.719741	53.626929	0.812974
0.001751	0.887274	95.030070	
0.57745	11.719741	53.626929	0.812974
0.001751	0.546313	72.819312	
0.71830	11.719741	53.626929	0.812974
0.001751	0.205309	51.747083	
0.85915	11.719741	53.626929	0.812974
0.001751	0.111410	37.269869	
1.00000	11.719741	53.626929	0.812974
0.001751	0.405794	25.343475	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-17.778653	-22.269869	-0.677305
-0.000577	-0.730973	-27.048981	
0.57745	-17.778653	-22.269869	-0.677305
-0.000577	-0.446911	-19.651955	
0.71830	-17.778653	-22.269869	-0.677305
-0.000577	-0.162799	-14.469222	
0.85915	-17.778653	-22.269869	-0.677305
-0.000577	-0.136469	-12.106930	
1.00000	-17.778653	-22.269869	-0.677305
-0.000577	-0.476989	-16.279389	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	12.053140	72.662213	0.954058
0.004088	1.040157	139.283245	
0.57745	12.053140	72.662213	0.954058
0.004088	0.640025	109.380162	
0.71830	12.053140	72.662213	0.954058
0.004088	0.239871	84.671193	
0.85915	12.053140	72.662213	0.954058
0.004088	0.166969	75.286388	
1.00000	12.053140	72.662213	0.954058
0.004088	0.533623	68.018345	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-39.372920	-59.024171	-0.885577
-0.002776	-0.957446	-55.858518	
0.57745	-39.372920	-59.024171	-0.885577
-0.002776	-0.586042	-35.022912	
0.71830	-39.372920	-59.024171	-0.885577
-0.002776	-0.214638	-23.191148	
0.85915	-39.372920	-59.024171	-0.885577
-0.002776	-0.169331	-16.746981	
1.00000	-39.372920	-59.024171	-0.885577
-0.002776	-0.564614	-16.504547	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	37.213229	7.444533	1.230138
0.000449	1.327801	10.228435	
0.57745	37.213229	7.444533	1.230138
0.000449	0.811886	8.100896	
0.71830	37.213229	7.444533	1.230138
0.000449	0.295975	5.992903	
0.85915	37.213229	7.444533	1.230138
0.000449	0.157452	3.975103	
1.00000	37.213229	7.444533	1.230138
0.000449	0.558281	2.121734	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-4.658468	-67.653836	-0.953084
-0.001484	-1.040084	-134.504224	
0.57745	-4.658468	-67.653836	-0.953084
-0.001484	-0.640169	-106.494750	
0.71830	-4.658468	-67.653836	-0.953084
-0.001484	-0.240068	-78.502191	
0.85915	-4.658468	-67.653836	-0.953084
-0.001484	-0.219865	-50.689229	
1.00000	-4.658468	-67.653836	-0.953084
-0.001484	-0.735898	-24.771027	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2335

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	34.121607	31.375528	1.760224
0.005674	1.903253	59.295007	
0.57745	34.121607	31.375528	1.760224
0.005674	1.165107	47.340211	
0.71830	34.121607	31.375528	1.760224
0.005674	0.429045	44.959911	
0.85915	34.121607	31.375528	1.760224
0.005674	0.308026	63.267466	
1.00000	34.121607	31.375528	1.760224
0.005674	1.004602	86.156111	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-39.777805	-141.346712	-1.663821
-0.005032	-1.799839	-180.938604	
0.57745	-39.777805	-141.346712	-1.663821
-0.005032	-1.101651	-122.551690	
0.71830	-39.777805	-141.346712	-1.663821
-0.005032	-0.405353	-81.198087	
0.85915	-39.777805	-141.346712	-1.663821
-0.005032	-0.328051	-49.949293	
1.00000	-39.777805	-141.346712	-1.663821
-0.005032	-1.060969	-22.745595	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	32.420827	59.703756	2.002911
0.004622	2.170545	108.610374	
0.57745	32.420827	59.703756	2.002911
0.004622	1.330601	84.302889	
0.71830	32.420827	59.703756	2.002911
0.004622	0.491636	66.808163	
0.85915	32.420827	59.703756	2.002911
0.004622	0.335441	65.709014	
1.00000	32.420827	59.703756	2.002911
0.004622	1.115297	70.324568	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-35.435409	-120.185254	-1.858979
-0.003881	-2.011397	-164.319363	
0.57745	-35.435409	-120.185254	-1.858979
-0.003881	-1.231197	-114.577661	
0.71830	-35.435409	-120.185254	-1.858979
-0.003881	-0.452037	-77.052052	
0.85915	-35.435409	-120.185254	-1.858979
-0.003881	-0.366598	-46.471485	
1.00000	-35.435409	-120.185254	-1.858979
-0.003881	-1.196693	-21.802125	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	42.004127	79.909899	2.051446
0.004263	2.222624	136.587359	
0.57745	42.004127	79.909899	2.051446
0.004263	1.362305	104.106346	
0.71830	42.004127	79.909899	2.051446
0.004263	0.502780	77.863220	
0.85915	42.004127	79.909899	2.051446
0.004263	0.330083	66.336482	
1.00000	42.004127	79.909899	2.051446
0.004263	1.104324	61.290128	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-34.054289	-102.473970	-1.845794
-0.003358	-1.998738	-141.642504	
0.57745	-34.054289	-102.473970	-1.845794
-0.003358	-1.224166	-99.681531	
0.71830	-34.054289	-102.473970	-1.845794
-0.003358	-0.450521	-69.313698	
0.85915	-34.054289	-102.473970	-1.845794
-0.003358	-0.367728	-45.978581	
1.00000	-34.054289	-102.473970	-1.845794
-0.003358	-1.225105	-29.688198	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2336

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.144381	23.357464	0.513248
0.003896	0.559833	51.940063	
0.57745	0.144381	23.357464	0.513248
0.003896	0.344590	43.276530	
0.71830	0.144381	23.357464	0.513248
0.003896	0.130786	42.142222	
0.85915	0.144381	23.357464	0.513248
0.003896	0.144722	55.990989	
1.00000	0.144381	23.357464	0.513248
0.003896	0.436844	73.109473	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-40.509505	-62.912168	-0.700982
-0.002427	-0.748407	-44.840299	
0.57745	-40.509505	-62.912168	-0.700982
-0.002427	-0.454368	-19.244021	
0.71830	-40.509505	-62.912168	-0.700982
-0.002427	-0.161242	-5.707746	
0.85915	-40.509505	-62.912168	-0.700982
-0.002427	-0.097979	-0.865277	
1.00000	-40.509505	-62.912168	-0.700982
-0.002427	-0.309278	-1.367008	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	12.361200	66.386698	1.008822
0.004255	1.096815	118.734321	
0.57745	12.361200	66.386698	1.008822
0.004255	0.673699	91.923712	
0.71830	12.361200	66.386698	1.008822
0.004255	0.251388	71.962306	
0.85915	12.361200	66.386698	1.008822
0.004255	0.200052	68.641324	
1.00000	12.361200	66.386698	1.008822
0.004255	0.634995	69.676370	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-34.885716	-57.543410	-1.039854
-0.002361	-1.117160	-43.933148	
0.57745	-34.885716	-57.543410	-1.039854
-0.002361	-0.680855	-20.848401	
0.71830	-34.885716	-57.543410	-1.039854
-0.002361	-0.245416	-9.905849	
0.85915	-34.885716	-57.543410	-1.039854

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-0.002361   -0.183114   -6.536371
 1.00000   -34.885716   -57.543410   -1.039854
-0.002361   -0.602880   -10.912409

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   21.851742   85.341367    1.732743
 0.003254   1.881714   159.075711
 0.57745   21.851742   85.341367    1.732743
 0.003254   1.155030   124.117421
 0.71830   21.851742   85.341367    1.732743
 0.003254   0.428723   93.827782
 0.85915   21.851742   85.341367    1.732743
 0.003254   0.308033   75.355965
 1.00000   21.851742   85.341367    1.732743
 0.003254   1.023750   61.331904

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -43.318536   -78.237623   -1.705031
-0.002372   -1.840716   -100.109390
 0.57745   -43.318536   -78.237623   -1.705031
-0.002372   -1.125362   -68.198239
 0.71830   -43.318536   -78.237623   -1.705031
-0.002372   -0.410239   -44.463216
 0.85915   -43.318536   -78.237623   -1.705031
-0.002372   -0.305035   -26.214515
 1.00000   -43.318536   -78.237623   -1.705031
-0.002372   -1.652695   -15.652849
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2337

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   23.702040   93.266334    1.794231
 0.003151   1.949894   171.765653
 0.57745   23.702040   93.266334    1.794231
 0.003151   1.197588   133.738996
 0.71830   23.702040   93.266334    1.794231
 0.003151   0.445137   99.816313
 0.85915   23.702040   93.266334    1.794231
 0.003151   0.314392   75.934946
 1.00000   23.702040   93.266334    1.794231
 0.003151   1.052067   55.984706

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -42.932435   -67.993996   -1.757449
-0.002157   -1.899657   -89.382628
 0.57745   -42.932435   -67.993996   -1.757449
-0.002157   -1.162317   -62.300228
 0.71830   -42.932435   -67.993996   -1.757449
-0.002157   -0.425226   -42.727636
 0.85915   -42.932435   -67.993996   -1.757449
-0.002157   -0.313121   -27.804945
 1.00000   -42.932435   -67.993996   -1.757449
-0.002157   -1.064329   -19.352638

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    4.365757   26.575850    0.508021
 0.000642   0.556197   54.073145
 0.57745    4.365757   26.575850    0.508021
 0.000642   0.343977   43.092004
 0.71830    4.365757   26.575850    0.508021
 0.000642   0.129911   32.194630
 0.85915    4.365757   26.575850    0.508021
 0.000642   0.098220   21.494381
 1.00000    4.365757   26.575850    0.508021
 0.000642   0.335671   11.221589

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -16.498336   -5.510744   -0.565479
-0.000290   -0.612999   -13.482829
 0.57745   -16.498336   -5.510744   -0.565479
-0.000290   -0.375711   -11.583380
 0.71830   -16.498336   -5.510744   -0.565479
-0.000290   -0.138465   -9.788890
 0.85915   -16.498336   -5.510744   -0.565479
-0.000290   -0.083106   -8.248967
 1.00000   -16.498336   -5.510744   -0.565479
-0.000290   -0.297359   -7.170293

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   26.952118   68.277046    0.997337
 0.001248   1.084251   115.499683
 0.57745   26.952118   68.277046    0.997337
 0.001248   0.666786   87.650724
 0.71830   26.952118   68.277046    0.997337
 0.001248   0.247544   60.593882
 0.85915   26.952118   68.277046    0.997337
 0.001248   0.156341   35.843892
 1.00000   26.952118   68.277046    0.997337
 0.001248   0.535188   14.815192

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -19.504821   -8.231976   -0.903113
-0.000449   -0.979977   -17.993481
 0.57745   -19.504821   -8.231976   -0.903113
-0.000449   -0.601028   -16.028900
 0.71830   -19.504821   -8.231976   -0.903113
-0.000449   -0.222308   -15.311769
 0.85915   -19.504821   -8.231976   -0.903113
-0.000449   -0.171229   -17.528133
 1.00000   -19.504821   -8.231976   -0.903113
-0.000449   -0.590405   -24.127097
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2338

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   16.034523   81.102625    1.268487
 0.001424   1.364316   147.160764
 0.57745   16.034523   81.102625    1.268487
 0.001424   0.853045   113.885858
 0.71830   16.034523   81.102625    1.268487
 0.001424   0.319600   81.474025
 0.85915   16.034523   81.102625    1.268487
 0.001424   0.229944   52.482759
 1.00000   16.034523   81.102625    1.268487
 0.001424   0.756445   27.885549

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -31.589987   -20.242948   -1.269893
-0.000336   -1.372479   -31.302249
 0.57745   -31.589987   -20.242948   -1.269893
-0.000336   -0.839768   -24.305815
 0.71830   -31.589987   -20.242948   -1.269893
-0.000336   -0.306391   -18.034756
 0.85915   -31.589987   -20.242948   -1.269893
-0.000336   -0.211390   -13.716588
 1.00000   -31.589987   -20.242948   -1.269893
-0.000336   -0.744759   -16.890290

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   16.935010   94.596172    1.626927
 0.003332   1.771650   181.545991
 0.57745   16.935010   94.596172    1.626927
 0.003332   1.089985   142.862628
 0.71830   16.935010   94.596172    1.626927
 0.003332   0.407289   108.618745
 0.85915   16.935010   94.596172    1.626927
 0.003332   0.309316   85.034606
 1.00000   16.935010   94.596172    1.626927
 0.003332   1.024933   65.786045

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -52.726822   -57.968362   -1.705898
-0.002000   -1.840864   -68.247230
 0.57745   -52.726822   -57.968362   -1.705898
-0.002000   -1.125231   -45.516008
 0.71830   -52.726822   -57.968362   -1.705898
-0.002000   -0.409741   -30.158036
 0.85915   -52.726822   -57.968362   -1.705898
-0.002000   -0.281727   -19.987497
 1.00000   -52.726822   -57.968362   -1.705898
-0.002000   -0.963034   -17.107777

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   27.055886   72.662213    1.123117
 0.005597   1.221690   139.283245
 0.57745   27.055886   72.662213    1.123117
 0.005597   0.750655   109.380162
 0.71830   27.055886   72.662213    1.123117
 0.005597   0.279626   84.671193
 0.85915   27.055886   72.662213    1.123117
 0.005597   0.196415   75.286388
 1.00000   27.055886   72.662213    1.123117
 0.005597   0.629854   80.139582

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -39.372920   -114.833809   -1.047736
-0.005327   -1.134623   -121.686703
 0.57745   -39.372920   -114.833809   -1.047736
-0.005327   -0.695270   -78.276100
 0.71830   -39.372920   -114.833809   -1.047736
-0.005327   -0.256019   -49.390428
 0.85915   -39.372920   -114.833809   -1.047736
-0.005327   -0.200839   -29.679443
 1.00000   -39.372920   -114.833809   -1.047736
-0.005327   -0.086842   -23.509448
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2339

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   42.004127   94.596172    2.051446
 0.005674   2.222624   181.545991
 0.57745   42.004127   94.596172    2.051446
 0.005674   1.362305   142.862628
 0.71830   42.004127   94.596172    2.051446
 0.005674   0.502780   108.618745
 0.85915   42.004127   94.596172    2.051446
 0.005674   0.335441   85.034606
 1.00000   42.004127   94.596172    2.051446
 0.005674   1.115297   86.156111

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -52.726822   -141.346712   -1.858979
-0.005032   -2.011397   -180.938604
 0.57745   -52.726822   -141.346712   -1.858979
-0.005032   -1.231197   -122.551690
 0.71830   -52.726822   -141.346712   -1.858979
-0.005032   -0.452037   -81.198087
 0.85915   -52.726822   -141.346712   -1.858979
-0.005032   -0.367728   -50.689229
 1.00000   -52.726822   -141.346712   -1.858979
-0.005032   -1.225105   -29.688198

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   42.004127   94.596172    2.051446
 0.005674   2.222624   181.545991
 0.57745   42.004127   94.596172    2.051446
 0.005674   1.362305   142.862628
 0.71830   42.004127   94.596172    2.051446
 0.005674   0.502780   108.618745
 0.85915   42.004127   94.596172    2.051446
 0.005674   0.335441   85.034606
 1.00000   42.004127   94.596172    2.051446
 0.005674   1.115297   86.156111

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -52.726822   -141.346712   -1.858979
-0.005327   -2.011397   -180.938604
 0.57745   -52.726822   -141.346712   -1.858979
-0.005327   -1.231197   -122.551690
 0.71830   -52.726822   -141.346712   -1.858979
-0.005327   -0.452037   -81.198087
 0.85915   -52.726822   -141.346712   -1.858979
-0.005327   -0.367728   -50.689229
 1.00000   -52.726822   -141.346712   -1.858979
-0.005327   -1.225105   -29.688198

COMB      DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   42.004127   94.596172    2.051446
 0.005674   2.222624   181.545991
 0.57745   42.004127   94.596172    2.051446
 0.005674   1.362305   142.862628
 0.71830   42.004127   94.596172    2.051446
 0.005674   0.502780   108.618745
 0.85915   42.004127   94.596172    2.051446
 0.005674   0.335441   85.034606
 1.00000   42.004127   94.596172    2.051446
 0.005674   1.115297   86.156111

COMB      DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -52.726822   -141.346712   -1.858979
-0.005327   -2.011397   -180.938604
 0.57745   -52.726822   -141.346712   -1.858979
-0.005327   -1.231197   -122.551690
 0.71830   -52.726822   -141.346712   -1.858979
-0.005327   -0.452037   -81.198087
 0.85915   -52.726822   -141.346712   -1.858979
-0.005327   -0.367728   -50.689229
 1.00000   -52.726822   -141.346712   -1.858979
-0.005327   -1.225105   -29.688198
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2340

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    209 ================== LENGTH
=    2.977688

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   16.743148    3.644211    0.594203
 0.000559   0.355539    1.445544
 0.14085   16.743148    3.644211    0.594203
 0.000559   0.106320   10.790358
 0.28171   16.743148    3.644211    0.594203
 0.000559   0.158495   28.346034
 0.42256   16.743148    3.644211    0.594203
 0.000559   0.440138   46.032406
 0.56342   16.743148    3.644211    0.594203
 0.000559   0.721848   63.764704

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -2.632183   -42.294837   -0.671662
-0.001250   -0.405063   -12.952727
 0.14085   -2.632183   -42.294837   -0.671662
-0.001250   -0.123337   -13.842006
 0.28171   -2.632183   -42.294837   -0.671662
-0.001250   -0.142922   -14.912621
 0.42256   -2.632183   -42.294837   -0.671662
-0.001250   -0.392147   -16.006803
 0.56342   -2.632183   -42.294837   -0.671662
-0.001250   -0.641358   -17.401950

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   16.235621   85.712043    0.954300
 0.004454   0.598860   80.356033
 0.14085   16.235621   85.712043    0.954300
 0.004454   0.750655   66.763911
 0.28171   16.235621   85.712043    0.954300
 0.004454   0.237005   60.914595
 0.42256   16.235621   85.712043    0.954300
 0.004454   0.652981   79.083687
 0.56342   16.235621   85.712043    0.954300
 0.004454   1.069025   103.349271

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -33.452846   -61.641747   -0.991998
-0.006476   -0.595286   -11.132441
 0.14085   -33.452846   -61.641747   -0.991998
-0.006476   -0.179321   -12.969673
 0.28171   -33.452846   -61.641747   -0.991998
-0.006476   -0.222841   -20.065598
 0.42256   -33.452846   -61.641747   -0.991998
-0.006476   -0.614908   -40.889889
 0.56342   -33.452846   -61.641747   -0.991998
-0.006476   -1.006978   -76.565965

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   14.865842   85.985326    1.174356
 0.003403   0.721985   62.931811
 0.14085   14.865942   85.985326    1.174356
 0.003403   0.230339   56.678904
 0.28171   14.865942   85.985326    1.174356
 0.003403   0.257189   59.865341
 0.42256   14.865942   85.985326    1.174356
 0.003403   0.703540   80.018049
 0.56342   14.865942   85.985326    1.174356
 0.003403   1.149893   104.430768

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -26.102261   -60.863120   -1.064220
-0.004701   -0.635556   -11.362046
 0.14085   -26.102261   -60.863120   -1.064220
-0.004701   -0.189241   -22.841876
 0.28171   -26.102261   -60.863120   -1.064220
-0.004701   -0.277488   -39.196782
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2341

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.42256   -26.102261   -60.863120   -1.064220
-0.004701   -0.764495   -64.900542
 0.56342   -26.102261   -60.863120   -1.064220
-0.004701   -1.251481   -100.756389

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   26.961382   88.954041    1.215497
 0.003405   0.742958   54.610782
 0.14085   26.961382   88.954041    1.215497
 0.003405   0.233880   47.555516
 0.28171   26.961382   88.954041    1.215497
 0.003405   0.257002   50.897246
 0.42256   26.961382   88.954041    1.215497
 0.003405   0.703687   68.416245
 0.56342   26.961382   88.954041    1.215497
 0.003405   1.150353   89.379082

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -24.752764   -52.175825   -1.064945
-0.004125   -0.636302   -21.277431
 0.14085   -24.752764   -52.175825   -1.064945
-0.004125   -0.189662   -35.611037
 0.28171   -24.752764   -52.175825   -1.064945
-0.004125   -0.288607   -54.034684
 0.42256   -24.752764   -52.175825   -1.064945
-0.004125   -0.793823   -80.397873
 0.56342   -24.752764   -52.175825   -1.064945
-0.004125   -1.299011   -116.458830

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.155990   68.280056    0.409357
 0.003183   0.269338   76.113613
 0.14085    0.155990   68.280056    0.409357
 0.003183   0.109894   61.017509
 0.28171    0.155990   68.280056    0.409357
 0.003183   0.074756   46.121255
 0.42256    0.155990   68.280056    0.409357
 0.003183   0.199399   51.045648
 0.56342    0.155990   68.280056    0.409357
 0.003183   0.324058   61.004655

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -33.852820   -27.018073   -0.297229
-0.004156   -0.174662   -1.522616
 0.14085   -33.852820   -27.018073   -0.297229
-0.004156   -0.050099   -3.184215
 0.28171   -33.852820   -27.018073   -0.297229
-0.004156   -0.091873   -7.814371
 0.42256   -33.852820   -27.018073   -0.297229
-0.004156   -0.256689   -23.890736
 0.56342   -33.852820   -27.018073   -0.297229
-0.004156   -0.421527   -52.383938

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.856905   92.298286    0.740265
 0.003470   0.464755   71.512490
 0.14085   11.856905   92.298286    0.740265
 0.003470   0.155327   52.695003
 0.28171   11.856905   92.298286    0.740265
 0.003470   0.120282   37.462700
 0.42256   11.856905   92.298286    0.740265
 0.003470   0.321803   41.370043
 0.56342   11.856905   92.298286    0.740265
 0.003470   0.523261   49.962377

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -28.512641   -23.381730   -0.480305
-0.003938   -0.282564   -11.380766
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2342

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.14085   -28.512641   -23.381730   -0.480305
-0.003938   -0.081136   -25.040208
 0.28171   -28.512641   -23.381730   -0.480305
-0.003938   -0.172718   -40.720894
 0.42256   -28.512641   -23.381730   -0.480305
-0.003938   -0.476834   -67.254666
 0.56342   -28.512641   -23.381730   -0.480305
-0.003938   -0.780949   -105.708951

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   16.828718   101.373994    1.061420
 0.002978   0.650651   64.544625
 0.14085   16.828718   101.373994    1.061420
 0.002978   0.206192   50.164374
 0.28171   16.828718   101.373994    1.061420
 0.002978   0.220371   50.082095
 0.42256   16.828718   101.373994    1.061420
 0.002978   0.600052   64.350441
 0.56342   16.828718   101.373994    1.061420
 0.002978   0.980050   82.052805

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -37.640281   -44.611485   -0.905510
-0.003794   -0.539172   -14.511564
 0.14085   -37.640281   -44.611485   -0.905510
-0.003794   -0.159356   -24.296380
 0.28171   -37.640281   -44.611485   -0.905510
-0.003794   -0.251407   -50.070720
 0.42256   -37.640281   -44.611485   -0.905510
-0.003794   -0.692089   -83.795295
 0.56342   -37.640281   -44.611485   -0.905510
-0.003794   -1.132764   -126.019068

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   18.271748   97.502620    1.116919
 0.003079   0.681669   57.638922
 0.14085   18.271748   97.502620    1.116919
 0.003079   0.213815   41.797880
 0.28171   18.271748   97.502620    1.116919
 0.003079   0.229915   42.087570
 0.42256   18.271748   97.502620    1.116919
 0.003079   0.627644   54.472948
 0.56342   18.271748   97.502620    1.116919
 0.003079   1.025302   69.735656

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -35.495672   -38.405797   -0.948100
-0.003456   -0.565341   -18.385265
 0.14085   -35.495672   -38.405797   -0.948100
-0.003456   -0.167660   -27.636323
 0.28171   -35.495672   -38.405797   -0.948100
-0.003456   -0.265053   -50.741820
 0.42256   -35.495672   -38.405797   -0.948100
-0.003456   -0.729728   -81.541037
 0.56342   -35.495672   -38.405797   -0.948100
-0.003456   -1.194413   -122.195764

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    2.599973   17.647709    0.351413
 0.000926   0.211685   17.983409
 0.14085    2.599973   17.647709    0.351413
 0.000926   0.064258   4.132745
 0.28171    2.599973   17.647709    0.351413
 0.000926   0.073433   3.507713
 0.42256    2.599973   17.647709    0.351413
 0.000926   0.202421   3.663871
 0.56342    2.599973   17.647709    0.351413
 0.000926   0.331394   4.097954
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING                LOAD                >
                                            2343

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.067690   -2.432850   -0.307499
-0.000476   -0.184493   -6.783124
 0.14085   -8.067690   -2.432850   -0.307499
-0.000476   -0.055512   -7.286089
 0.28171   -8.067690   -2.432850   -0.307499
-0.000476   -0.083125   -8.219148
 0.42256   -8.067690   -2.432850   -0.307499
-0.000476   -0.230510   -14.961974
 0.56342   -8.067690   -2.432850   -0.307499
-0.000476   -0.377892   -22.350867

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   23.812863   43.846278    0.641491
 0.001723   0.385275   11.931195
 0.14085   23.812863   43.846278    0.641491
 0.001723   0.116252   3.432667
 0.28171   23.812863   43.846278    0.641491
 0.001723   0.118380   2.320162
 0.42256   23.812863   43.846278    0.641491
 0.001723   0.325828   3.615245
 0.56342   23.812863   43.846278    0.641491
 0.001723   0.533185   5.102951

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -11.229914   -3.665736   -0.494354
-0.000777   -0.296526   -23.508706
 0.14085   -11.229914   -3.665736   -0.494354
-0.000777   -0.089404   -31.836465
 0.28171   -11.229914   -3.665736   -0.494354
-0.000777   -0.153607   -40.628148
 0.42256   -11.229914   -3.665736   -0.494354
-0.000777   -0.422404   -56.876175
 0.56342   -11.229914   -3.665736   -0.494354
-0.000777   -0.691193   -75.112969

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.646035   56.808391    0.906579
 0.001597   0.545735   25.368106
 0.14085   11.646035   56.808391    0.906579
 0.001597   0.165537   21.477077
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 0.28171    11.646035    56.808391     0.906579
 0.001597    0.158721    26.448724
 0.42256    11.646035    56.808391     0.906579
 0.001597    0.430049    34.366223
 0.56342    11.646035    56.808391     0.906579
 0.001597    0.701249    42.590942

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -18.072815  -19.900336   -0.646580
-0.000797   -0.383560   -16.273790
 0.14085  -18.072815  -19.900336   -0.646580
-0.000797   -0.112223   -30.276593
 0.28171  -18.072815  -19.900336   -0.646580
-0.000797   -0.215910   -44.977625
 0.42256  -18.072815  -19.900336   -0.646580
-0.000797   -0.319738   -66.558325
 0.56342  -18.072815  -19.900336   -0.646580
-0.000797   -0.975557   -90.251734

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   11.955537   104.158878    1.063774
 0.003467    0.652837    68.147682
 0.14085   11.955537   104.158878    1.063774
 0.003467    0.207393    44.367904
 0.28171   11.955537   104.158878    1.063774
 0.003467    0.212528    37.560674
 0.42256   11.955537   104.158878    1.063774
 0.003467    0.578888    45.869787
 0.56342   11.955537   104.158878    1.063774
 0.003467    0.945137    57.612596
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2344

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -41.570072  -30.285839   -0.873213
-0.003710   -0.519863   -16.512153
 0.14085  -41.570072  -30.285839   -0.873213
-0.003710   -0.153496   -25.366667
 0.28171  -41.570072  -30.285839   -0.873213
-0.003710   -0.251092   -45.379289
 0.42256  -41.570072  -30.285839   -0.873213
-0.003710   -0.692809   -79.609542
 0.56342  -41.570072  -30.285839   -0.873213
-0.003710   -1.134519  -123.116174

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   37.075269    7.332435    1.147839
 0.000557    0.676445    2.114492
 0.14085   37.075269    7.332435    1.147839
 0.000557    0.197151   11.737321
 0.28171   37.075269    7.332435    1.147839
 0.000557    0.255426   38.101622
 0.42256   37.075269    7.332435    1.147839
 0.000557    0.313699   65.765980
 0.56342   37.075269    7.332435    1.147839
 0.000557    1.173233   93.646167

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   -4.516138   -67.028164   -1.093575
-0.001377   -0.660889   -24.750036
 0.14085   -4.516138   -67.028164   -1.093575
-0.001377   -0.200893   -12.229761
 0.28171   -4.516138   -67.028164   -1.093575
-0.001377   -0.284520   -13.633239
 0.42256   -4.516138   -67.028164   -1.093575
-0.001377   -0.765871   -16.283058
 0.56342   -4.516138   -67.028164   -1.093575
-0.001377   -1.247318   -19.122556

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   33.944297   90.217455    1.801729
 0.004131    1.103524   86.194910
 0.14085   33.944297   90.217455    1.801729
 0.004131    0.349942   69.873734
 0.28171   33.944297   90.217455    1.801729
 0.004131    0.407453   72.391133
 0.42256   33.944297   90.217455    1.801729
 0.004131    1.120534   99.267653
 0.56342   33.944297   90.217455    1.801729
 0.004131    1.833541  133.820294

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -42.319024  -85.431820   -1.699781
-0.006894   -1.018522   -22.738834
 0.14085  -42.319024  -85.431820   -1.699781
-0.006894   -0.303894   -11.462055
 0.28171  -42.319024  -85.431820   -1.699781
-0.006894   -0.429527   -18.214762
 0.42256  -42.319024  -85.431820   -1.699781
-0.006894   -1.177317   -42.699533
 0.56342  -42.319024  -85.431820   -1.699781
-0.006894   -1.925658   -79.469618

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   32.273458   101.492491    2.070861
 0.003273    1.254515   70.365965
 0.14085   32.273458   101.492491    2.070861
 0.003273    0.388209   58.790790
 0.28171   32.273458   101.492491    2.070861
 0.003273    0.452805   66.632892
 0.42256   32.273458   101.492491    2.070861
 0.003273    1.243552   93.719638
 0.56342   32.273458   101.492491    2.070861
 0.003273    2.033822  126.467357
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2345

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -37.253369  -80.556222   -1.883328
-0.005177   -1.125069   -21.792269
 0.14085  -37.253369  -80.556222   -1.883328
-0.005177   -0.332821   -22.696027
 0.28171  -37.253369  -80.556222   -1.883328
-0.005177   -0.496065   -41.216957
 0.42256  -37.253369  -80.556222   -1.883328
-0.005177   -1.359581   -74.102396
 0.56342  -37.253369  -80.556222   -1.883328
-0.005177   -2.222870  -115.910857

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   41.843265   114.918687    2.105676
 0.003309    1.272447   61.331654
 0.14085   41.843265   114.918687    2.105676
 0.003309    0.390513   49.273180
 0.28171   41.843265   114.918687    2.105676
 0.003309    0.455226   56.901354
 0.42256   41.843265   114.918687    2.105676
 0.003309    1.253285   80.502303
 0.56342   41.843265   114.918687    2.105676
 0.003309    2.050975  108.809261

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -35.550103  -69.592317   -1.901275
-0.004493   -1.138073   -29.680823
 0.14085  -35.550103  -69.592317   -1.901275
-0.004493   -0.338662   -39.944530
 0.28171  -35.550103  -69.592317   -1.901275
-0.004493   -0.505875   -67.517986
 0.42256  -35.550103  -69.592317   -1.901275
-0.004493   -1.384832  -107.040445
 0.56342  -35.550103  -69.592317   -1.901275
-0.004493   -2.263641  -153.976051

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   0.129373    64.749532    0.651384
 0.002448  0.416271    73.144579
 0.14085   0.129373    64.749532    0.651384
 0.002448  0.144331    57.852367
 0.28171   0.129373    64.749532    0.651384
 0.002448  0.146148    44.251123
 0.42256   0.129373    64.749532    0.651384
 0.002448  0.389159    47.495286
 0.56342   0.129373    64.749532    0.651384
 0.002448  0.632042    56.766677

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -42.408342  -24.620006   -0.578987
-0.003719   -0.339707   -1.381848
 0.14085  -42.408342  -24.620006   -0.578987
-0.003719   -0.096783   -3.017221
 0.28171  -42.408342  -24.620006   -0.578987
-0.003719   -0.145383   -7.773499
 0.42256  -42.408342  -24.620006   -0.578987
-0.003719   -0.413173   -24.741964
 0.56342  -42.408342  -24.620006   -0.578987
-0.003719   -0.681286   -51.023638

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   12.349170   106.383159    1.135252
 0.002817    0.701520    69.729531
 0.14085   12.349170   106.383159    1.135252
 0.002817    0.226299    49.338358
 0.28171   12.349170   106.383159    1.135252
 0.002817    0.234419    33.705015
 0.42256   12.349170   106.383159    1.135252
 0.002817    0.634337    36.032987
 0.56342   12.349170   106.383159    1.135252
 0.002817    1.034199    43.904130
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2346

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -36.734653   -20.857929   -0.952932
-0.003603   -0.563752   -10.929544
 0.14085  -36.734653   -20.857929   -0.952932
-0.003603   -0.163330   -28.858485
 0.28171  -36.734653   -20.857929   -0.952932
-0.003603   -0.264452   -50.801559
 0.42256  -36.734653   -20.857929   -0.952932
-0.003603   -0.735956   -86.289796
 0.56342  -36.734653   -20.857929   -0.952932
-0.003603   -1.207284  -130.185615

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   21.692629   110.657862    1.842387
 0.002380  1.115358    61.365818
 0.14085   21.692629   110.657862    1.842387
 0.002380  0.343116    49.083829
 0.28171   21.692629   110.657862    1.842387
 0.002380  0.403326    54.402119
 0.42256   21.692629   110.657862    1.842387
 0.002380  1.112007    72.671891
 0.56342   21.692629   110.657862    1.842387
 0.002380  1.800100    94.737260

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -44.459529   -54.339627   -1.663935
-0.003428   -0.990143   -15.644426
 0.14085  -44.459529   -54.339627   -1.663935
-0.003428   -0.291014   -27.918119
 0.28171  -44.459529   -54.339627   -1.663935
-0.003428   -0.438905   -58.217691
 0.42256  -44.459529   -54.339627   -1.663935
-0.003428   -1.208863   -98.450523
 0.56342  -44.459529   -54.339627   -1.663935
-0.003428   -1.978445  -144.282974

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   23.559675   114.548906    1.921515
 0.002606  1.161716    56.020237
 0.14085   23.559675   114.548906    1.921515
 0.002606  0.356103    40.947715
 0.28171   23.559675   114.548906    1.921515
 0.002606  0.422010    46.434870
 0.42256   23.559675   114.548906    1.921515
 0.002606  1.155093    62.694319
 0.56342   23.559675   114.548906    1.921515
 0.002606  1.887712    82.204378

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -43.880493   -47.952504   -1.746281
-0.003133   -1.040882   -19.348094
 0.14085  -43.880493   -47.952504   -1.746281
-0.003133   -0.307286   -32.599219
 0.28171  -43.880493   -47.952504   -1.746281
-0.003133   -0.457737   -66.036023
 0.42256  -43.880493   -47.952504   -1.746281
-0.003133   -1.261569  -107.701617
 0.56342  -43.880493   -47.952504   -1.746281
-0.003133   -2.064631  -155.262982

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   4.286928    26.602616    0.599429
 0.000970  0.363532    11.231253
 0.14085   4.286928    26.602616    0.599429
 0.000970  0.111227    4.058818
 0.28171   4.286928    26.602616    0.599429
 0.000970  0.139831    4.709174
 0.42256   4.286928    26.602616    0.599429
 0.000970  0.383523    8.556817
 0.56342   4.286928    26.602616    0.599429
 0.000970  0.627228    8.557816
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2347

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -16.472086   -5.487463   -0.580810
-0.000455   -0.347154   -7.174641
 0.14085  -16.472086   -5.487463   -0.580810
-0.000455   -0.103451   -7.899219
 0.28171  -16.472086   -5.487463   -0.580810
-0.000455   -0.140407   -15.309464
 0.42256  -16.472086   -5.487463   -0.580810
-0.000455   -0.392728   -26.000560
 0.56342  -16.472086   -5.487463   -0.580810
-0.000455   -0.643376   -36.987385

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   26.841202   70.053816    1.064691
 0.001696   0.640133   14.835501
 0.14085   26.841202   70.053816    1.064691
 0.001696   0.192920    3.377270
 0.28171   26.841202   70.053816    1.064691
 0.001696   0.228753    4.192995
 0.42256   26.841202   70.053816    1.064691
 0.001696   0.632342    6.815524
 0.56342   26.841202   70.053816    1.064691
 0.001696   1.036101    9.728285

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -19.532269   -7.102762   -0.962354
-0.000686   -0.578423   -24.132543
 0.14085  -19.532269   -7.102762   -0.962354
-0.000686   -0.254711   -64.311329
 0.28171  -19.532269   -7.102762   -0.962354
-0.000686   -0.254718   -64.311329
 0.42256  -19.532269   -7.102762   -0.962354
-0.000686   -0.701918   -92.948095
 0.56342  -19.532269   -7.102762   -0.962354
-0.000686   -1.147570  -122.238330

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   15.923480   81.459793    1.420214
 0.001426  0.854931    27.915865
 0.14085   15.923480   81.459793    1.420214
 0.001426  0.258070    19.933368
 0.28171   15.923480   81.459793    1.420214
 0.001426  0.303697    24.603570
 0.42256   15.923480   81.459793    1.420214
 0.001426  0.830171    32.638983
 0.56342   15.923480   81.459793    1.420214
 0.001426  1.356205    41.036770

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   -31.600912   -20.678670   -1.253564
-0.000517   -0.745564   -16.895614
 0.14085   -31.600912   -20.678670   -1.253564
-0.000517   -0.219012   -35.502381
 0.28171   -31.600912   -20.678670   -1.253564
-0.000517   -0.337039   -63.960978
 0.42256   -31.600912   -20.678670   -1.253564
-0.000517   -0.455051   -97.419351
 0.56342   -31.600912   -20.678670   -1.253564
-0.000517   -1.528914  -131.034697

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   16.779050   117.707958    1.809251
 0.002799  1.100189    65.826989
 0.14085   16.779050   117.707958    1.809251
 0.002799  0.341150    43.865617
 0.28171   16.779050   117.707958    1.809251
 0.002799  0.401696    41.631356
 0.42256   16.779050   117.707958    1.809251
 0.002799  1.095061    52.709521
 0.56342   16.779050   117.707958    1.809251
 0.002799  1.788132    67.212597
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2348

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -53.774670   -36.334348   -1.651985
-0.003122   -0.982534   -17.113334
 0.14085  -53.774670   -36.334348   -1.651985
-0.003122   -0.288759   -29.846032
 0.28171  -53.774670   -36.334348   -1.651985
-0.003122   -0.426674   -61.274447
 0.42256  -53.774670   -36.334348   -1.651985
-0.003122   -1.183346  -104.563076
 0.56342  -53.774670   -36.334348   -1.651985
-0.003122   -1.938808  -153.339192

COMB     DB ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   26.961382   104.158878    1.215497
 0.004454  0.201573    80.356033
 0.14085   26.961382   104.158878    1.215497
 0.004454  0.233880    66.763911
 0.28171   26.961382   104.158878    1.215497
 0.004454  0.257189    60.914595
 0.42256   26.961382   104.158878    1.215497
 0.004454  0.703687    61.018949
 0.56342   26.961382   104.158878    1.215497
 0.004454  1.150353   104.430768

COMB     DB ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000  -41.570072   -61.641747   -1.064945
-0.006476   -0.636302   -23.508706
 0.14085  -41.570072   -61.641747   -1.064945
-0.006476   -0.189662   -35.611037
 0.28171  -41.570072   -61.641747   -1.064945
-0.006476   -0.286607   -54.034684
 0.42256  -41.570072   -61.641747   -1.064945
-0.006476   -0.793823   -83.795295
 0.56342  -41.570072   -61.641747   -1.064945
-0.006476   -1.299011  -126.019068

COMB     DL ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   41.843265   117.707958    2.105676
 0.004131  1.272447    86.194910
 0.14085   41.843265   117.707958    2.105676
 0.004131  0.390513    69.873734
 0.28171   41.843265   117.707958    2.105676
 0.004131  0.455226    72.391133
 0.42256   41.843265   117.707958    2.105676
 0.004131  1.253285    99.267653
 0.56342   41.843265   117.707958    2.105676
 0.004131  2.050975   133.820294

COMB     DL ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   -53.774670   -85.431820   -1.901275
-0.006894   -1.138073   -29.680823
 0.14085   -53.774670   -85.431820   -1.901275
-0.006894   -0.338662   -39.944530
 0.28171   -53.774670   -85.431820   -1.901275
-0.006894   -0.505875   -67.517986
 0.42256   -53.774670   -85.431820   -1.901275
-0.006894   -1.384832  -107.701617
 0.56342   -53.774670   -85.431820   -1.901275
-0.006894   -2.263641  -155.262982

COMB   CAR ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   41.843265   117.707958    2.105676
 0.004454  1.272447    86.194910
 0.14085   41.843265   117.707958    2.105676
 0.004454  0.390513    69.873734
 0.28171   41.843265   117.707958    2.105676
 0.004454  0.455226    72.391133
 0.42256   41.843265   117.707958    2.105676
 0.004454  1.253285    99.267653
 0.56342   41.843265   117.707958    2.105676
 0.004454  2.050975   133.820294
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2349

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB   CAR ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   -53.774670   -85.431820   -1.901275
-0.006894   -1.138073   -29.680823
 0.14085   -53.774670   -85.431820   -1.901275
-0.006894   -0.338662   -39.944530
 0.28171   -53.774670   -85.431820   -1.901275
-0.006894   -0.505875   -67.517986
 0.42256   -53.774670   -85.431820   -1.901275
-0.006894   -1.384832  -107.701617
 0.56342   -53.774670   -85.431820   -1.901275
-0.006894   -2.263641  -155.262982

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   41.843265   117.707958    2.105676
 0.004454  1.272447    86.194910
 0.14085   41.843265   117.707958    2.105676
 0.004454  0.390513    69.873734
 0.28171   41.843265   117.707958    2.105676
 0.004454  0.455226    72.391133
 0.42256   41.843265   117.707958    2.105676
 0.004454  1.253285    99.267653
 0.56342   41.843265   117.707958    2.105676
 0.004454  2.050975   133.820294

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000   -53.774670   -85.431820   -1.901275
-0.006894   -1.138073   -29.680823
 0.14085   -53.774670   -85.431820   -1.901275
-0.006894   -0.338662   -39.944530
 0.28171   -53.774670   -85.431820   -1.901275
-0.006894   -0.505875   -67.517986
 0.42256   -53.774670   -85.431820   -1.901275
-0.006894   -1.384832  -107.701617
 0.56342   -53.774670   -85.431820   -1.901275
-0.006894   -2.263641  -155.262982

ELEM     210 ================== LENGTH
=    2.977323

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   19.986747    2.716817    0.641317
 0.000924  0.673809    5.432075
 0.57748   19.986747    2.716817    0.641317
 0.000924  0.404885    4.297242
 0.71832   19.986747    2.716817    0.641317
 0.000924  0.135943    3.170594
 0.85916   19.986747    2.716817    0.641317
 0.000924  0.150752    2.078969
 1.00000   19.986747    2.716817    0.641317
 0.000924  0.456559    1.177221

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   -3.281887   -36.425103   -0.729090
-0.000935   -0.766359   -69.274945
 0.57748   -3.281887   -36.425103   -0.729090
-0.000935   -0.460630   -54.000961
 0.71832   -3.281887   -36.425103   -0.729090
-0.000935   -0.154860   -38.790149
 0.85916   -3.281887   -36.425103   -0.729090
-0.000935   -0.132952   -23.616962
 1.00000   -3.281887   -36.425103   -0.729090
-0.000935   -0.401888    -8.673693

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   19.788138   25.440107    0.950622
 0.004740  0.998861    41.211727
 0.57748   19.788138   25.440107    0.950622
 0.004740  0.600236    30.582298
 0.71832   19.788138   25.440107    0.950622
 0.004740  0.201573    23.085829
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

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<              MOVING          LOAD              >
                                2350

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
     T          M2          M3
 0.85916   19.788138   25.440107    0.950622
 0.004740  0.234608    39.112315
 1.00000   19.788138   25.440107    0.950622
 0.004740  0.704249    58.323085

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   -35.358749   -94.123414   -1.124853
-0.004754   -1.182521   -112.272994
 0.57748   -35.358749   -94.123414   -1.124853
-0.004754   -0.710836   -72.993678
 0.71832   -35.358749   -94.123414   -1.124853
-0.004754   -0.239077   -42.683328
 0.85916   -35.358749   -94.123414   -1.124853
-0.004754   -0.202701   -24.416112
 1.00000   -35.358749   -94.123414   -1.124853
-0.004754   -0.595638   -14.699178

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   17.754067   38.086296    1.143842
 0.003777  1.201883    66.201989
 0.57748   17.754067   38.086296    1.143842
 0.003777  0.722235    50.231766
 0.71832   17.754067   38.086296    1.143842
 0.003777  0.242517    36.354885
 0.85916   17.754067   38.086296    1.143842
 0.003777  0.263238    38.414923
 1.00000   17.754067   38.086296    1.143842
 0.003777  0.792948    41.503108

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.43663   -27.991799   -68.690135   -1.266483
-0.003790   -1.331356   -88.589777
 0.57748   -27.991799   -68.690135   -1.266483
-0.003790   -0.800281    -59.916483
```

0.71832 -27.991799 -68.690135 -1.266483
-0.003790 -0.269080 -36.958066
0.85916 -27.991799 -68.690135 -1.266483
-0.003790 -0.240896 -22.120655
1.00000 -27.991799 -68.690135 -1.266483
-0.003790 -0.716709 -11.836228

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	32.747766	49.508365	1.168938
0.003457	1.226495	81.420521	
0.57748	32.747766	49.508365	1.168938
0.003457	0.738323	60.886445	
0.71832	32.747766	49.508365	1.168938
0.003457	0.248050	42.629285	
0.85916	32.747766	49.508365	1.168938
0.003457	0.256031	38.525514	
1.00000	32.747766	49.508365	1.168938
0.003457	0.771280	36.031047	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-27.034949	-58.294007	-1.231430
-0.003462	-1.294226	-76.131454	
0.57748	-27.034949	-58.294007	-1.231430
-0.003462	-0.777846	-51.795176	
0.71832	-27.034949	-58.294007	-1.231430
-0.003462	-0.261360	-32.201672	
0.85916	-27.034949	-58.294007	-1.231430
-0.003462	-0.245178	-19.764705	
1.00000	-27.034949	-58.294007	-1.231430
-0.003462	-0.732192	-17.803736	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.198529	25.670759	0.335226
0.003284	0.352261	44.203178	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57748	0.198529	25.670759	0.335226
0.003284	0.211690	33.475338	
0.71832	0.198529	25.670759	0.335226
0.003284	0.071088	25.376839	
0.85916	0.198529	25.670759	0.335226
0.003284	0.084076	36.974189	
1.00000	0.198529	25.670759	0.335226
0.003284	0.249159	52.385919	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-36.667386	-52.148052	-0.397923
-0.003282	-0.418286	-38.797282	
0.57748	-36.667386	-52.148052	-0.397923
-0.003282	-0.251425	-17.911570	
0.71832	-36.667386	-52.148052	-0.397923
-0.003282	-0.084549	-4.052372	
0.85916	-36.667386	-52.148052	-0.397923
-0.003282	-0.074215	-0.170204	
1.00000	-36.667386	-52.148052	-0.397923
-0.003282	-0.210021	-5.259156	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.461974	52.604463	0.639538
0.003419	0.672129	84.503295	
0.57748	14.461974	52.604463	0.639538
0.003419	0.403952	62.672054	
0.71832	14.461974	52.604463	0.639538
0.003419	0.135700	43.927991	
0.85916	14.461974	52.604463	0.639538
0.003419	0.132961	44.582650	
1.00000	14.461974	52.604463	0.639538
0.003419	0.397221	47.066263	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-30.295680	-39.180750	-0.634098
-0.003415	-0.666363	-43.163987	
0.57748	-30.295680	-39.180750	-0.634098
-0.003415	-0.400462	-10.833305	
0.71832	-30.295680	-39.180750	-0.634098
-0.003415	-0.134489	-1.077498	
0.85916	-30.295680	-39.180750	-0.634098
-0.003415	-0.136803	-1.180326	
1.00000	-30.295680	-39.180750	-0.634098
-0.003415	-0.400581	-11.174994	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	20.773192	58.119368	1.013738
0.003077	1.065266	102.499366	
0.57748	20.773192	58.119368	1.013738
0.003077	0.640175	78.432723	
0.71832	20.773192	58.119368	1.013738
0.003077	0.215017	56.687111	
0.85916	20.773192	58.119368	1.013738
0.003077	0.227396	48.901298	
1.00000	20.773192	58.119368	1.013738
0.003077	0.685065	42.550376	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-41.650328	-47.858239	-1.094074
-0.003081	-1.150047	-55.239185	
0.57748	-41.650328	-47.858239	-1.094074
-0.003081	-0.691264	-35.339374	
0.71832	-41.650328	-47.858239	-1.094074
-0.003081	-0.232408	-20.100150	
0.85916	-41.650328	-47.858239	-1.094074
-0.003081	-0.213112	-12.054152	
1.00000	-41.650328	-47.858239	-1.094074
-0.003081	-0.635100	-12.365270	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	22.241592	58.152384	1.051699
0.002894	1.107431	104.256504	
0.57748	22.241592	58.152384	1.051699
0.002894	0.664422	80.125147	
0.71832	22.241592	58.152384	1.051699
0.002894	0.223311	57.847170	
0.85916	22.241592	58.152384	1.051699
0.002894	0.229185	47.122677	
1.00000	22.241592	58.152384	1.051699
0.002894	0.690771	37.707233	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-39.774679	-41.358305	-1.102964
-0.002890	-1.159253	-49.034330	
0.57748	-39.774679	-41.358305	-1.102964
-0.002890	-0.696744	-31.790291	
0.71832	-39.774679	-41.358305	-1.102964
-0.002890	-0.234160	-18.450373	
0.85916	-39.774679	-41.358305	-1.102964
-0.002890	-0.220148	-11.042175	
1.00000	-39.774679	-41.358305	-1.102964
-0.002890	-0.658607	-12.531086	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	3.182381	13.337297	0.307588
0.000507	0.323661	26.100156	
0.57748	3.182381	13.337297	0.307588
0.000507	0.194680	20.524621	
0.71832	3.182381	13.337297	0.307588
0.000507	0.065629	14.954463	
0.85916	3.182381	13.337297	0.307588
0.000507	0.062700	9.572756	
1.00000	3.182381	13.337297	0.307588
0.000507	0.189689	4.248441	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-9.806927	-2.565289	-0.302722
-0.000494	-0.318074	-4.885251	
0.57748	-9.806927	-2.565289	-0.302722
-0.000494	-0.191134	-3.838752	
0.71832	-9.806927	-2.565289	-0.302722
-0.000494	-0.064170	-2.260310	
0.85916	-9.806927	-2.565289	-0.302722
-0.000494	-0.063215	-1.841609	
1.00000	-9.806927	-2.565289	-0.302722
-0.000494	-0.192263	-1.218555	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	28.997013	41.992438	0.573520
0.000982	0.603280	64.770374	
0.57748	28.997013	41.992438	0.573520
0.000982	0.362786	47.516148	
0.71832	28.997013	41.992438	0.573520
0.000982	0.122204	31.513592	
0.85916	28.997013	41.992438	0.573520
0.000982	0.105195	18.685623	
1.00000	28.997013	41.992438	0.573520
0.000982	0.317615	7.165349	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.574603	-5.018176	-0.506628
-0.000965	-0.532163	-7.956445	
0.57748	-13.574603	-5.018176	-0.506628
-0.000965	-0.319712	-5.853397	
0.71832	-13.574603	-5.018176	-0.506628
-0.000965	-0.107232	-4.028958	
0.85916	-13.574603	-5.018176	-0.506628
-0.000965	-0.118306	-3.759934	
1.00000	-13.574603	-5.018176	-0.506628
-0.000965	-0.356698	-12.879763	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.297553	48.122402	0.801553
0.001217	0.842777	84.442883	
0.57748	14.297553	48.122402	0.801553
0.001217	0.506661	64.459756	
0.71832	14.297553	48.122402	0.801553
0.001217	0.170441	45.223581	
0.85916	14.297553	48.122402	0.801553
0.001217	0.156603	28.165845	
1.00000	14.297553	48.122402	0.801553
0.001217	0.473152	11.812695	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-21.645931	-5.971557	-0.755029
-0.001205	-0.793272	-8.138552	
0.57748	-21.645931	-5.971557	-0.755029
-0.001205	-0.476661	-5.643137	
0.71832	-21.645931	-5.971557	-0.755029
-0.001205	-0.159973	-3.585867	
0.85916	-21.645931	-5.971557	-0.755029
-0.001205	-0.165769	-2.762092	
1.00000	-21.645931	-5.971557	-0.755029
-0.001205	-0.501686	-6.387759	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.706617	64.379764	0.972975
0.003096	1.022838	116.833070	
0.57748	14.706617	64.379764	0.972975
0.003096	0.614840	89.383965	
0.71832	14.706617	64.379764	0.972975
0.003096	0.206748	65.329390	
0.85916	14.706617	64.379764	0.972975
0.003096	0.211422	54.241407	
1.00000	14.706617	64.379764	0.972975
0.003096	0.636450	44.485844	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-47.120540	-38.217980	-1.016202
-0.003088	-1.068047	-48.355956	
0.57748	-47.120540	-38.217980	-1.016202
-0.003088	-0.641919	-22.276101	
0.71832	-47.120540	-38.217980	-1.016202
-0.003088	-0.215707	-10.997849	
0.85916	-47.120540	-38.217980	-1.016202
-0.003088	-0.204201	-6.668118	
1.00000	-47.120540	-38.217980	-1.016202
-0.003088	-0.609154	-9.560721	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	46.233339	5.542903	1.236220
0.000968	1.299102	10.736166	
0.57748	46.233339	5.542903	1.236220
0.000968	0.780727	8.420227	
0.71832	46.233339	5.542903	1.236220
0.000968	0.262176	6.119233	
0.85916	46.233339	5.542903	1.236220
0.000968	0.244124	3.862411	
1.00000	46.233339	5.542903	1.236220
0.000968	0.741134	1.745347	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-5.646478	-78.050005	-1.184174
-0.001026	-1.244520	-150.251758	
0.57748	-5.646478	-78.050005	-1.184174
-0.001026	-0.747848	-117.531646	
0.71832	-5.646478	-78.050005	-1.184174
-0.001026	-0.250827	-84.824697	
0.85916	-5.646478	-78.050005	-1.184174
-0.001026	-0.255916	-52.149693	
1.00000	-5.646478	-78.050005	-1.184174
-0.001026	-0.774471	-19.721078	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	42.568108	28.877906	1.818572
0.004277	1.909002	50.864640	
0.57748	42.568108	28.877906	1.818572
0.004277	1.146544	39.554300	
0.71832	42.568108	28.877906	1.818572
0.004277	0.385342	33.569463	
0.85916	42.568108	28.877906	1.818572
0.004277	0.406664	51.938927	
1.00000	42.568108	28.877906	1.818572
0.004277	1.211188	73.122137	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-47.157794	-145.419493	-1.931472
-0.004356	-2.027664	-196.497772	
0.57748	-47.157794	-145.419493	-1.931472
-0.004356	-1.217592	-136.139126	
0.71832	-47.157794	-145.419493	-1.931472
-0.004356	-0.408428	-86.538320	
0.85916	-47.157794	-145.419493	-1.931472
-0.004356	-0.386221	-51.201788	
1.00000	-47.157794	-145.419493	-1.931472
-0.004356	-1.141412	-24.088639	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	40.029590	61.264348	2.048853
0.003509	2.151904	109.722061	
0.57748	40.029590	61.264348	2.048853
0.003509	1.293042	84.564707	
0.71832	40.029590	61.264348	2.048853
0.003509	0.434082	63.138937	
0.85916	40.029590	61.264348	2.048853
0.003509	0.452529	58.851586	
1.00000	40.029590	61.264348	2.048853
0.003509	1.360752	56.077092	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-42.721694	-115.608985	-2.172727
-0.003581	-2.282083	-165.099247	
0.57748	-42.721694	-115.608985	-2.172727
-0.003581	-1.370710	-117.026167	
0.71832	-42.721694	-115.608985	-2.172727
-0.003581	-0.459071	-76.548640	
0.85916	-42.721694	-115.608985	-2.172727
-0.003581	-0.429932	-46.092974	
1.00000	-42.721694	-115.608985	-2.172727
-0.003581	-1.284442	-21.070602	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	51.659033	87.088333	2.053960
0.003206	2.157792	147.678054	
0.57748	51.659033	87.088333	2.053960
0.003206	1.296711	111.616081	
0.71832	51.659033	87.088333	2.053960
0.003206	0.435490	78.694079	
0.85916	51.659033	87.088333	2.053960
0.003206	0.445939	61.057522	
1.00000	51.659033	87.088333	2.053960
0.003206	1.342718	48.807778	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-41.083585	-98.554231	-2.144447
-0.003257	-2.252630	-142.184907	
0.57748	-41.083585	-98.554231	-2.144447
-0.003257	-1.353146	-101.195755	
0.71832	-41.083585	-98.554231	-2.144447
-0.003257	-0.453484	-66.512196	
0.85916	-41.083585	-98.554231	-2.144447
-0.003257	-0.429605	-40.560983	
1.00000	-41.083585	-98.554231	-2.144447
-0.003257	-1.267121	-25.486283	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.174156	28.410436	0.561111
0.002422	0.588462	54.825822	
0.57748	0.174156	28.410436	0.561111
0.002422	0.353252	43.566586	
0.71832	0.174156	28.410436	0.561111
0.002422	0.118923	36.130861	
0.85916	0.174156	28.410436	0.561111
0.002422	0.156090	46.006232	
1.00000	0.174156	28.410436	0.561111
0.002422	0.459107	59.251553	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-49.192339	-54.138541	-0.731439
-0.002420	-0.767158	-41.256974	
0.57748	-49.192339	-54.138541	-0.731439
-0.002420	-0.460297	-19.082526	
0.71832	-49.192339	-54.138541	-0.731439
-0.002420	-0.154041	-4.507435	
0.85916	-49.192339	-54.138541	-0.731439
-0.002420	-0.122652	-0.158067	
1.00000	-49.192339	-54.138541	-0.731439
-0.002420	-0.352801	-4.410779	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.843492	81.533914	1.013641
0.002614	1.064403	139.189053	
0.57748	14.843492	81.533914	1.013641
0.002614	0.639495	105.498384	
0.71832	14.843492	81.533914	1.013641
0.002614	0.214772	75.360566	
0.85916	14.843492	81.533914	1.013641
0.002614	0.241755	62.805733	
1.00000	14.843492	81.533914	1.013641
0.002614	0.721891	54.596663	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-42.446139	-42.039962	-1.152449
-0.002610	-1.209837	-28.930676	
0.57748	-42.446139	-42.039962	-1.152449
-0.002610	-0.726353	-11.681175	
0.71832	-42.446139	-42.039962	-1.152449
-0.002610	-0.243084	-1.592529	
0.85916	-42.446139	-42.039962	-1.152449
-0.002610	-0.214969	-1.433016	
1.00000	-42.446139	-42.039962	-1.152449
-0.002610	-0.635662	-10.459200	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	26.573720	87.230754	1.775080
0.002364	1.865130	156.338346	
0.57748	26.573720	87.230754	1.775080
0.002364	1.120906	120.123330	
0.71832	26.573720	87.230754	1.775080
0.002364	0.376366	86.256361	
0.85916	26.573720	87.230754	1.775080
0.002364	0.402702	64.264442	
1.00000	26.573720	87.230754	1.775080
0.002364	1.216329	46.435142	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-52.734892	-66.198461	-1.943232
-0.002375	-2.041452	-87.922357	
0.57748	-52.734892	-66.198461	-1.943232
-0.002375	-1.226313	-60.463967	
0.71832	-52.734892	-66.198461	-1.943232
-0.002375	-0.410676	-37.687998	
0.85916	-52.734892	-66.198461	-1.943232
-0.002375	-0.370306	-21.672575	
1.00000	-52.734892	-66.198461	-1.943232
-0.002375	-1.112198	-13.633935	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	28.497297	95.965041	1.815906
0.002287	1.908471	171.873007	
0.57748	28.497297	95.965041	1.815906
0.002287	1.147080	131.945771	
0.71832	28.497297	95.965041	1.815906
0.002287	0.385421	93.993738	
0.85916	28.497297	95.965041	1.815906
0.002287	0.410757	65.774583	
1.00000	28.497297	95.965041	1.815906
0.002287	1.241497	42.161371	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-52.104769	-58.038715	-1.983729
-0.002284	-2.084364	-78.982872	
0.57748	-52.104769	-58.038715	-1.983729
-0.002284	-1.252234	-54.893657	
0.71832	-52.104769	-58.038715	-1.983729
-0.002284	-0.419790	-34.733375	
0.85916	-52.104769	-58.038715	-1.983729
-0.002284	-0.377846	-20.140105	
1.00000	-52.104769	-58.038715	-1.983729
-0.002284	-1.137303	-13.965898	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	5.272010	26.000980	0.507428
0.000494	0.534010	51.130606	
0.57748	5.272010	26.000980	0.507428
0.000494	0.321207	40.239460	
0.71832	5.272010	26.000980	0.507428
0.000494	0.108171	29.359978	
0.85916	5.272010	26.000980	0.507428
0.000494	0.121738	18.689305	
1.00000	5.272010	26.000980	0.507428
0.000494	0.370130	8.454578	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-19.984959	-6.172868	-0.591745
-0.000475	-0.622355	-10.711639	
0.57748	-19.984959	-6.172868	-0.591745
-0.000475	-0.374067	-8.271314	
0.71832	-19.984959	-6.172868	-0.591745
-0.000475	-0.125685	-5.848326	
0.85916	-19.984959	-6.172868	-0.591745
-0.000475	-0.104104	-3.556588	
1.00000	-19.984959	-6.172868	-0.591745
-0.000475	-0.317248	-1.818095	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	32.670139	80.333284	0.941365
0.000879	0.990342	131.945012	
0.57748	32.670139	80.333284	0.941365
0.000879	0.595585	98.275928	
0.71832	32.670139	80.333284	0.941365
0.000879	0.200549	64.808084	
0.85916	32.670139	80.333284	0.941365
0.000879	0.203312	34.712057	
1.00000	32.670139	80.333284	0.941365
0.000879	0.617479	10.801483	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-23.387348	-8.415006	-0.987215
-0.000853	-1.037881	-14.868065	
0.57748	-23.387348	-8.415006	-0.987215
-0.000853	-0.623791	-11.102534	
0.71832	-23.387348	-8.415006	-0.987215
-0.000853	-0.209556	-8.055842	
0.85916	-23.387348	-8.415006	-0.987215
-0.000853	-0.193972	-6.025450	
1.00000	-23.387348	-8.415006	-0.987215
-0.000853	-0.588873	-13.833274	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	19.331961	91.092672	1.252529
0.000936	1.317733	163.281970	
0.57748	19.331961	91.092672	1.252529
0.000936	0.792393	125.108678	
0.71832	19.331961	91.092672	1.252529
0.000936	0.266766	86.988275	
0.85916	19.331961	91.092672	1.252529
0.000936	0.285535	50.387002	
1.00000	19.331961	91.092672	1.252529
0.000936	0.871316	17.231122	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-39.084765	-8.274595	-1.394010
-0.000913	-1.465490	-14.578626	
0.57748	-39.084765	-8.274595	-1.394010
-0.000913	-0.880774	-11.122260	
0.71832	-39.084765	-8.274595	-1.394010
-0.000913	-0.294960	-7.684872	
0.85916	-39.084765	-8.274595	-1.394010
-0.000913	-0.257593	-4.853409	
1.00000	-39.084765	-8.274595	-1.394010
-0.000913	-0.783169	-7.821720	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	20.361390	99.061031	1.655637
0.002279	1.740249	181.638410	
0.57748	20.361390	99.061031	1.655637
0.002279	1.045938	140.449991	
0.71832	20.361390	99.061031	1.655637
0.002279	0.351847	101.412343	
0.85916	20.361390	99.061031	1.655637

```
 0.002279     0.388611    73.269302
 1.00000     20.361390    99.061031     1.655637
 0.002279     1.174026    49.217248

COMB DL-G3-4 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.43663   -64.122550   -46.994382   -1.875700
-0.002270    -1.970745    -55.067598
0.57748   -64.122550   -46.994382   -1.875700
-0.002270    -1.184077    -35.641474
0.71832   -64.122550   -46.994382   -1.875700
-0.002270    -0.396765    -20.511949
0.85916   -64.122550   -46.994382   -1.875700
-0.002270    -0.345127    -11.595563
1.00000   -64.122550   -46.994382   -1.875700
-0.002270    -1.036815    -10.560699

COMB       DB ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.43663    32.747766    64.379764     1.168938
 0.004740     1.229495    116.833070
0.57748    32.747766    64.379764     1.168938
 0.004740     0.738323     89.998965
0.71832    32.747766    64.379764     1.168938
 0.004740     0.248050     65.329390
0.85916    32.747766    64.379764     1.168938
 0.004740     0.263238     54.241407
1.00000    32.747766    64.379764     1.168938
 0.004740     0.792948     58.323085

COMB       DB ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.43663   -47.120540   -94.123414   -1.266483
-0.004754    -1.331356   -112.272994
0.57748   -47.120540   -94.123414   -1.266483
-0.004754    -0.800281    -72.993678
0.71832   -47.120540   -94.123414   -1.266483
-0.004754    -0.269080    -42.683328
0.85916   -47.120540   -94.123414   -1.266483
-0.004754    -0.245178    -24.416112
1.00000   -47.120540   -94.123414   -1.266483
-0.004754    -0.732192    -17.803736
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2358

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.43663    51.659033    99.061031     2.053960
 0.004277     2.157792    181.638410
0.57748    51.659033    99.061031     2.053960
 0.004277     1.296711    140.449991
0.71832    51.659033    99.061031     2.053960
 0.004277     0.435490    101.412343
0.85916    51.659033    99.061031     2.053960
 0.004277     0.452529    73.269302
1.00000    51.659033    99.061031     2.053960
 0.004277     1.360752    73.122137

COMB       DL ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.43663   -64.122550   -145.419493   -2.172727
-0.004356    -2.282083    -196.497772
0.57748   -64.122550   -145.419493   -2.172727
-0.004356    -1.370710    -136.139126
0.71832   -64.122550   -145.419493   -2.172727
-0.004356    -0.459071    -86.538320
0.85916   -64.122550   -145.419493   -2.172727
-0.004356    -0.429932    -52.149693
1.00000   -64.122550   -145.419493   -2.172727
-0.004356    -1.287121    -25.486283

COMB       CAR ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.43663    51.659033    99.061031     2.053960
 0.004740     2.157792    181.638410
0.57748    51.659033    99.061031     2.053960
 0.004740     1.296711    140.449991
0.71832    51.659033    99.061031     2.053960
 0.004740     0.435490    101.412343
0.85916    51.659033    99.061031     2.053960
 0.004740     0.452529    73.269302
1.00000    51.659033    99.061031     2.053960
 0.004740     1.360752    73.122137

COMB       CAR ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.43663   -64.122550   -145.419493   -2.172727
-0.004754    -2.282083    -196.497772
0.57748   -64.122550   -145.419493   -2.172727
-0.004754    -1.370710    -136.139126
0.71832   -64.122550   -145.419493   -2.172727
-0.004754    -0.459071    -86.538320
0.85916   -64.122550   -145.419493   -2.172727
-0.004754    -0.429932    -52.149693
1.00000   -64.122550   -145.419493   -2.172727
-0.004754    -1.287121    -25.486283

COMB    DESIGN ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.43663    51.659033    99.061031     2.053960
 0.004740     2.157792    181.638410
0.57748    51.659033    99.061031     2.053960
 0.004740     1.296711    140.449991
0.71832    51.659033    99.061031     2.053960
 0.004740     0.435490    101.412343
0.85916    51.659033    99.061031     2.053960
 0.004740     0.452529    73.269302
1.00000    51.659033    99.061031     2.053960
 0.004740     1.360752    73.122137

COMB    DESIGN ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.43663   -64.122550   -145.419493   -2.172727
-0.004754    -2.282083    -196.497772
0.57748   -64.122550   -145.419493   -2.172727
-0.004754    -1.370710    -136.139126
0.71832   -64.122550   -145.419493   -2.172727
-0.004754    -0.459071    -86.538320
0.85916   -64.122550   -145.419493   -2.172727
-0.004754    -0.429932    -52.149693
1.00000   -64.122550   -145.419493   -2.172727
-0.004754    -1.287121    -25.486283
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2359

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      211 ================== LENGTH
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COMB DB-G1-1 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    19.963187     2.766877     0.649718
 0.000921     0.408464     1.174310
0.14084    19.963187     2.766877     0.649718
 0.000921     0.135992     7.769403
0.28169    19.963187     2.766877     0.649718
 0.000921     0.155748    22.758431
0.42253    19.963187     2.766877     0.649718
 0.000921     0.467278    37.773694
0.56337    19.963187     2.766877     0.649718
 0.000921     0.778742    52.791713

COMB DB-G1-1 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -3.281999   -36.239546   -0.742739
-0.000918    -0.467131    -8.663563
0.14084   -3.281999   -36.239546   -0.742739
-0.000918    -0.155657    -0.615503
0.28169   -3.281999   -36.239546   -0.742739
-0.000918    -0.136433    -1.532044
0.42253   -3.281999   -36.239546   -0.742739
-0.000918    -0.408906    -2.583103
0.56337   -3.281999   -36.239546   -0.742739
-0.000918    -0.681362    -3.738679

COMB DB-G1-2 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    19.758143    61.941282     0.962115
 0.004731     0.604677    58.321278
0.14084    19.758143    61.941282     0.962115
 0.004731     0.206460    45.519349
0.28169    19.758143    61.941282     0.962115
 0.004731     0.240413    41.493874
0.42253    19.758143    61.941282     0.962115
 0.004731     0.720938    61.967314
0.56337    19.758143    61.941282     0.962115
 0.004731     1.201439    84.996303

COMB DB-G1-2 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -41.034366   -55.784957   -1.145835
-0.004718    -0.720581    -14.736463
0.14084   -41.034366   -55.784957   -1.145835
-0.004718    -0.241311    -2.991974
0.28169   -41.034366   -55.784957   -1.145835
-0.004718    -0.202187    -3.132942
0.42253   -41.034366   -55.784957   -1.145835
-0.004718    -0.605697    -22.953034
0.56337   -41.034366   -55.784957   -1.145835
-0.004718    -1.009155    -48.138682

COMB DB-G1-3 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    17.725189    63.351549     1.154777
 0.003439     0.725385    41.511719
0.14084    17.725189    63.351549     1.154777
 0.003439     0.244661    28.867263
0.28169    17.725189    63.351549     1.154777
 0.003439     0.270252    28.023038
0.42253    17.725189    63.351549     1.154777
 0.003439     0.809738    43.880326
0.56337    17.725189    63.351549     1.154777
 0.003439     1.349146    61.477428

COMB DB-G1-3 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -31.907515   -42.678166   -1.286305
-0.003428    -0.808480    -11.858334
0.14084   -31.907515   -42.678166   -1.286305
-0.003428    -0.269832    -7.234084
0.28169   -31.907515   -42.678166   -1.286305
-0.003428    -0.243040    -16.525619
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2360

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST             P            V2           V3
         T           M2           M3
0.42253   -31.907515   -42.678166   -1.286305
-0.003428    -0.727367    -38.961795
0.56337   -31.907515   -42.678166   -1.286305
-0.003428    -1.211618    -64.973566

COMB DB-G1-4 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    32.733089    70.342285     1.181464
 0.003288     0.742105    36.041902
0.14084    32.733089    70.342285     1.181464
 0.003288     0.249515    24.200382
0.28169    32.733089    70.342285     1.181464
 0.003288     0.262485    23.997598
0.42253    32.733089    70.342285     1.181464
 0.003288     0.786314    37.655855
0.56337    32.733089    70.342285     1.181464
 0.003288     1.310079    52.778091

COMB DB-G1-4 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -30.303479   -36.729208   -1.248993
-0.003284    -0.784958    -17.823904
0.14084   -30.303479   -36.729208   -1.248993
-0.003284    -0.261822    -21.101280
0.28169   -30.303479   -36.729208   -1.248993
-0.003284    -0.248644    -35.914956
0.42253   -30.303479   -36.729208   -1.248993
-0.003284    -0.744220    -61.636054
0.56337   -30.303479   -36.729208   -1.248993
-0.003284    -1.239662    -90.324475

COMB DB-G2-1 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    20.200509    56.496906     0.337065
 0.003030     0.211511    52.389094
0.14084    20.200509    56.496906     0.337065
 0.003030     0.074538    37.117404
0.28169    20.200509    56.496906     0.337065
 0.003030     0.084701    22.748376
0.42253    20.200509    56.496906     0.337065
 0.003030     0.253377    28.833772
0.56337    20.200509    56.496906     0.337065
 0.003030     0.422027    37.058216

COMB DB-G2-1 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -41.443166   -19.936186   -0.402169
-0.003027    -0.252565    -5.301626
0.14084   -41.443166   -19.936186   -0.402169
-0.003027    -0.085015    -2.097870
0.28169   -41.443166   -19.936186   -0.402169
-0.003027    -0.071128    -4.244608
0.42253   -41.443166   -19.936186   -0.402169
-0.003027    -0.212529    -22.911409
0.56337   -41.443166   -19.936186   -0.402169
-0.003027    -0.353875    -45.876547

COMB DB-G2-2 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    14.471128    81.318169     0.643096
 0.003020     0.403527    47.081212
0.14084    14.471128    81.318169     0.643096
 0.003020     0.137860    23.781639
0.28169    14.471128    81.318169     0.643096
 0.003020     0.134710     6.673261
0.42253    14.471128    81.318169     0.643096
 0.003020     0.402704     8.604251
0.56337    14.471128    81.318169     0.643096
 0.003020     0.670620    12.525810

COMB DB-G2-2 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -34.791662    -9.702126   -0.638875
-0.003020    -0.401012    -11.216795
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2361

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST             P            V2           V3
         T           M2           M3
0.14084   -34.791662    -9.702126   -0.638875
-0.003020    -0.134062    -18.834095
0.28169   -34.791662    -9.702126   -0.638875
-0.003020    -0.135741    -33.341505
0.42253   -34.791662    -9.702126   -0.638875
-0.003020    -0.405511    -62.816315
0.56337   -34.791662    -9.702126   -0.638875
-0.003020    -0.675191    -96.272550

COMB DB-G2-3 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    20.759789    79.124559     1.022836
 0.002888     0.642355    42.567496
0.14084    20.759789    79.124559     1.022836
 0.002888     0.216221    24.194443
0.28169    20.759789    79.124559     1.022836
 0.002888     0.233290    19.774913
0.42253    20.759789    79.124559     1.022836
 0.002888     0.698889    29.211942
0.56337    20.759789    79.124559     1.022836
 0.002888     1.164368    40.120092

COMB DB-G2-3 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -44.890949   -26.685821   -1.109999
-0.002888    -0.697521    -12.386092
0.14084   -44.890949   -26.685821   -1.109999
-0.002888    -0.232681    -17.049692
0.28169   -44.890949   -26.685821   -1.109999
-0.002888    -0.215401    -34.694991
0.42253   -44.890949   -26.685821   -1.109999
-0.002888    -0.644410    -64.301731
0.56337   -44.890949   -26.685821   -1.109999
-0.002888    -1.073331    -97.017754

COMB DB-G2-4 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    22.231862    75.810258     1.063354
 0.002860     0.667828    37.724891
0.14084    22.231862    75.810258     1.063354
 0.002860     0.234237    20.369186
0.28169    22.231862    75.810258     1.063354
 0.002860     0.235029    17.144428
0.42253    22.231862    75.810258     1.063354
 0.002860     0.704275    25.526765
0.56337    22.231862    75.810258     1.063354
 0.002860     1.173399    35.188078

COMB DB-G2-4 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -42.508163   -23.649132   -1.118697
-0.002855    -0.703081    -12.548649
0.14084   -42.508163   -23.649132   -1.118697
-0.002855    -0.234480    -18.696869
0.28169   -42.508163   -23.649132   -1.118697
-0.002855    -0.223855    -35.653036
0.42253   -42.508163   -23.649132   -1.118697
-0.002855    -0.669910    -63.899514
0.56337   -42.508163   -23.649132   -1.118697
-0.002855    -1.115822    -95.126774

COMB DB-G3-1 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000     3.190976    13.462297     0.313848
 0.000711     0.197157     4.253151
0.14084     3.190976    13.462297     0.313848
 0.000711     0.065476     2.493337
0.28169     3.190976    13.462297     0.313848
 0.000711     0.064392     3.499743
0.42253     3.190976    13.462297     0.313848
 0.000711     0.193315     4.534433
0.56337     3.190976    13.462297     0.313848
 0.000711     0.322215     5.572452
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2362

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000    -9.842989    -2.502520   -0.307383
-0.000719    -0.193385    -1.221037
0.14084    -9.842989    -2.502520   -0.307383
-0.000719    -0.066436    -2.606687
0.28169    -9.842989    -2.502520   -0.307383
-0.000719    -0.066007    -8.057470
0.42253    -9.842989    -2.502520   -0.307383
-0.000719    -0.197676    -13.577117
0.56337    -9.842989    -2.502520   -0.307383
-0.000719    -0.329286    -19.110277

COMB DB-G3-2 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    29.007815    43.090705     0.582497
 0.001290     0.126590     7.175232
0.14084    29.007815    43.090705     0.582497
 0.001290     0.121567     1.655101
0.28169    29.007815    43.090705     0.582497
 0.001290     0.107613     2.245694
0.42253    29.007815    43.090705     0.582497
 0.001290     0.322494     3.625812
0.56337    29.007815    43.090705     0.582497
 0.001290     0.537329     5.192869

COMB DB-G3-2 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -13.810518    -3.853636   -0.512298
-0.001290    -0.321980    -12.884079
0.14084   -13.810518    -3.853636   -0.512298
-0.001290    -0.107165    -25.849477
0.28169   -13.810518    -3.853636   -0.512298
-0.001290    -0.122555    -42.652117
0.42253   -13.810518    -3.853636   -0.512298
-0.001290    -0.367013    -60.317454
0.56337   -13.810518    -3.853636   -0.512298
-0.001290    -0.611281    -78.177790

COMB DB-G3-3 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    14.314288    50.451202     0.810159
 0.001093     0.508515    11.830796
0.14084    14.314288    50.451202     0.810159
 0.001093     0.168869     2.623806
0.28169    14.314288    50.451202     0.810159
 0.001093     0.160273     12.822677
0.42253    14.314288    50.451202     0.810159
 0.001093     0.479681     4.275186
0.56337    14.314288    50.451202     0.810159
 0.001093     0.798998     5.953069

COMB DB-G3-3 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -22.037979    -4.088596   -0.761454
-0.001090    -0.478248    -6.395004
0.14084   -22.037979    -4.088596   -0.761454
-0.001090    -0.158924    -17.965728
0.28169   -22.037979    -4.088596   -0.761454
-0.001090    -0.170764    -37.400810
0.42253   -22.037979    -4.088596   -0.761454
-0.001090    -0.510695    -58.095714
0.56337   -22.037979    -4.088596   -0.761454
-0.001090    -0.850432    -79.072585

COMB DB-G3-4 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    14.709595    85.048782     0.984133
 0.003137     0.617998    44.503415
0.14084    14.709595    85.048782     0.984133
 0.003137     0.208052    21.469373
0.28169    14.709595    85.048782     0.984133
 0.003137     0.216461    13.200345
0.42253    14.709595    85.048782     0.984133
 0.003137     0.648590    18.702887
0.56337    14.709595    85.048782     0.984133
 0.003137     1.080620    25.771661
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2363

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -50.330041   -17.398972   -1.030235
-0.003130    -0.647475    -9.587586
0.14084   -50.330041   -17.398972   -1.030235
-0.003130    -0.216062    -16.140865
0.28169   -50.330041   -17.398972   -1.030235
-0.003130    -0.207215    -36.079435
0.42253   -50.330041   -17.398972   -1.030235
-0.003130    -0.620077    -68.293361
0.56337   -50.330041   -17.398972   -1.030235
-0.003130    -1.032769   -103.391621

COMB DL-G1-1 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    46.177893     5.602487     1.242376
 0.000985     0.780525     1.738901
0.14084    46.177893     5.602487     1.242376
 0.000985     0.259438    13.704209
0.28169    46.177893     5.602487     1.242376
 0.000985     0.250049    46.173646
0.42253    46.177893     5.602487     1.242376
 0.000985     0.751107    78.714785
0.56337    46.177893     5.602487     1.242376
 0.000985     1.251689   111.268890

COMB DL-G1-1 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000    -5.636959    -77.805076   -1.193595
-0.000982    -0.749867    -19.697370
0.14084    -5.636959    -77.805076   -1.193595
-0.000982    -0.248795    -1.162672
0.28169    -5.636959    -77.805076   -1.193595
-0.000982    -0.261318    -3.340887
0.42253    -5.636959    -77.805076   -1.193595
-0.000982    -0.782453    -5.625015
0.56337    -5.636959    -77.805076   -1.193595
-0.000982    -1.303410    -7.962339

COMB DL-G1-2 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    42.483085    79.712648     1.831204
 0.004461     1.152870    73.158499
0.14084    42.483085    79.712648     1.831204
 0.004461     0.392445    59.925375
0.28169    42.483085    79.712648     1.831204
 0.004461     0.407819    67.016450
0.42253    42.483085    79.712648     1.831204
 0.004461     1.224706   101.669669
0.56337    42.483085    79.712648     1.831204
 0.004461     2.042401   141.244601

COMB DL-G1-2 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -54.299828   -95.685994   -1.949660
-0.004430    -1.227068    -24.113097
0.14084   -54.299828   -95.685994   -1.949660
-0.004430    -0.414804    -3.572028
0.28169   -54.299828   -95.685994   -1.949660
-0.004430    -0.384611    -5.924333
0.42253   -54.299828   -95.685994   -1.949660
-0.004430    -1.151009    -31.638802
0.56337   -54.299828   -95.685994   -1.949660
-0.004430    -1.918813    -64.802445

COMB DL-G1-3 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    39.959068    98.283073     2.071341
 0.003381     1.302849    56.125201
0.14084    39.959068    98.283073     2.071341
 0.003381     0.438799    42.378356
0.28169    39.959068    98.283073     2.071341
 0.003381     0.459845    52.868861
0.42253    39.959068    98.283073     2.071341
 0.003381     1.383310    82.188899
0.56337    39.959068    98.283073     2.071341
 0.003381     2.306419   115.959997
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2364

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -47.908398   -80.237751   -2.200824
-0.003354    -1.383719    -21.086739
0.14084   -47.908398   -80.237751   -2.200824
-0.003354    -0.463435    -14.140666
0.28169   -47.908398   -80.237751   -2.200824
-0.003354    -0.434651    -33.697462
0.42253   -47.908398   -80.237751   -2.200824
-0.003354    -1.302944    -69.659298
0.56337   -47.908398   -80.237751   -2.200824
-0.003354    -2.171386   -110.579120

COMB DL-G1-4 ------------------ MAX

REL DIST             P            V2           V3
         T           M2           M3
0.00000    51.599911   117.818032     2.080932
 0.003216     1.308622    48.854322
0.14084    51.599911   117.818032     2.080932
 0.003216     0.439665    35.552955
0.28169    51.599911   117.818032     2.080932
 0.003216     0.454898    45.334896
0.42253    51.599911   117.818032     2.080932
 0.003216     1.367666    71.177614
0.56337    51.599911   117.818032     2.080932
 0.003216     2.280271    99.886478

COMB DL-G1-4 ------------------ MIN

REL DIST             P            V2           V3
         T           M2           M3
0.00000   -45.423361    -69.239933   -2.175641
-0.003206    -1.367581    -25.500881
0.14084   -45.423361    -69.239933   -2.175641
-0.003206    -0.457496    -32.628411
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 0.28169   -45.423361   -69.239933    -2.175641
-0.003206   -0.436761   -63.983092
 0.42253   -45.423361   -69.239933    -2.175641
-0.003206   -1.309201  -108.974071
 0.56337   -45.423361   -69.239933    -2.175641
-0.003206   -2.181687  -158.076181

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.170072    64.646528    0.571847
 0.002320    0.360968    59.291432
 0.14084    0.170072    64.646528    0.571847
 0.002320    0.126335    39.297142
 0.28169    0.170072    64.646528    0.571847
 0.002320    0.155056    23.855004
 0.42253    0.170072    64.646528    0.571847
 0.002320    0.466545    28.144584
 0.56337    0.170072    64.646528    0.571847
 0.002320    0.778668    35.940543

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -54.255930   -19.577635   -0.743932
-0.002317   -0.468549    -4.448616
 0.14084   -54.255930   -19.577635   -0.743932
-0.002317   -0.160271    -1.995264
 0.28169   -54.255930   -19.577635   -0.743932
-0.002317   -0.119844    -6.654381
 0.42253   -54.255930   -19.577635   -0.743932
-0.002317   -0.358633   -28.364373
 0.56337   -54.255930   -19.577635   -0.743932
-0.002317   -0.598351   -55.059631

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    14.851688   116.685118    1.035483
 0.002396    0.651951    54.657431
 0.14084    14.851688   116.685118    1.035483
 0.002396    0.222019    26.231401
 0.28169    14.851688   116.685118    1.035483
 0.002396    0.245297     8.336045
 0.42253    14.851688   116.685118    1.035483
 0.002396    0.738495     8.641675
 0.56337    14.851688   116.685118    1.035483
 0.002396    1.231884    12.197955
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2365

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -47.397239    -9.187277    -1.176004
-0.002399   -0.739504   -10.501380
 0.14084   -47.397239    -9.187277    -1.176004
-0.002399   -0.249472   -27.420261
 0.28169   -47.397239    -9.187277    -1.176004
-0.002399   -0.216861   -56.004899
 0.42253   -47.397239    -9.187277    -1.176004
-0.002399   -0.684774  -100.038128
 0.56337   -47.397239    -9.187277    -1.176004
-0.002399   -1.084856  -148.693468

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    26.529652   110.553481    1.797819
 0.002360    1.130405    46.482497
 0.14084    26.529652   110.553481    1.797819
 0.002360    0.378832    30.761517
 0.28169    26.529652   110.553481    1.797819
 0.002360    0.411932    34.355217
 0.42253    26.529652   110.553481    1.797819
 0.002360    1.239197    50.359400
 0.56337    26.529652   110.553481    1.797819
 0.002360    2.065771    68.576759

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -56.014898   -44.261927    -1.970662
-0.002384   -1.238190   -13.643704
 0.14084   -56.014898   -44.261927    -1.970662
-0.002384   -0.413096   -24.963878
 0.28169   -56.014898   -44.261927    -1.970662
-0.002384   -0.377360    -7.513091
 0.42253   -56.014898   -44.261927    -1.970662
-0.002384   -1.131489  -100.524668
 0.56337   -56.014898   -44.261927    -1.970662
-0.002384   -1.885263  -146.634720

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    28.470632   115.569710    1.844065
 0.002448    1.159391    42.208543
 0.14084    28.470632   115.569710    1.844065
 0.002448    0.388985    25.916561
 0.28169    28.470632   115.569710    1.844065
 0.002448    0.421613    29.996668
 0.42253    28.470632   115.569710    1.844065
 0.002448    1.267497    44.477652
 0.56337    28.470632   115.569710    1.844065
 0.002448    2.113036    60.832612

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -54.895035   -39.697648    -2.015660
-0.002441   -1.266476   -13.917285
 0.14084   -54.895035   -39.697648    -2.015660
-0.002441   -0.422380   -29.251660
 0.28169   -54.895035   -39.697648    -2.015660
-0.002441   -0.386972   -65.466801
 0.42253   -54.895035   -39.697648    -2.015660
-0.002441   -1.160551  -110.792195
 0.56337   -54.895035   -39.697648    -2.015660
-0.002441   -1.933673  -158.982471

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    5.292143    26.255968    0.522090
 0.000720    0.328232     8.465106
 0.14084    5.292143    26.255968    0.522090
 0.000720    0.109089     2.637304
 0.28169    5.292143    26.255968    0.522090
 0.000720    0.126925     5.157555
 0.42253    5.292143    26.255968    0.522090
 0.000720    0.381497     7.737085
 0.56337    5.292143    26.255968    0.522090
 0.000720    0.635973    10.327729
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2366

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -20.051427    -6.199738    -0.606480
-0.000740   -0.381278    -1.824089
 0.14084   -20.051427    -6.199738    -0.606480
-0.000740   -0.126697    -3.833419
 0.28169   -20.051427    -6.199738    -0.606480
-0.000740   -0.109320   -14.702588
 0.42253   -20.051427    -6.199738    -0.606480
-0.000740   -0.328452   -25.654293
 0.56337   -20.051427    -6.199738    -0.606480
-0.000740   -0.547516   -36.617901

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    32.673644   81.744756    0.965430
 0.001260    0.606917   10.822026
 0.14084    32.673644   81.744756    0.965430
 0.001260    0.201796    1.975656
 0.28169    32.673644   81.744756    0.965430
 0.001260    0.211795    4.381171
 0.42253    32.673644   81.744756    0.965430
 0.001260    0.636074    7.380151
 0.56337    32.673644   81.744756    0.965430
 0.001260    1.060142   10.511504

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -23.640944   -7.538294   -1.011002
-0.001218   -0.635257  -13.840087
 0.14084   -23.640944   -7.538294   -1.011002
-0.001218   -0.211061  -36.876591
 0.28169   -23.640944   -7.538294   -1.011002
-0.001218   -0.202659  -70.369248
 0.42253   -23.640944   -7.538294   -1.011002
-0.001218   -0.607912  -104.441263
 0.56337   -23.640944   -7.538294   -1.011002
-0.001218   -1.012647  -138.664420

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    19.362817   92.508504    1.285223
 0.000968    0.807426   17.271825
 0.14084    19.362817   92.508204    1.285223
 0.000968    0.268062    3.116285
 0.28169    19.362817   92.508204    1.285223
 0.000968    0.298137    6.439731
 0.42253    19.362817   92.508204    1.285223
 0.000968    0.898036    9.878616
 0.56337    19.362817   92.508204    1.285223
 0.000968    1.496799   13.365624

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -39.310244   -8.382064   -1.427401
-0.000927   -0.896238   -7.832783
 0.14084   -39.310244   -8.382064   -1.427401
-0.000927   -0.296345  -28.873793
 0.28169   -39.310244   -8.382064   -1.427401
-0.000927   -0.269776  -67.388471
 0.42253   -39.310244   -8.382064   -1.427401
-0.000927   -0.809146  -106.098547
 0.56337   -39.310244   -8.382064   -1.427401
-0.000927   -1.348271  -144.836945

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    20.360635   120.391085    1.685713
 0.002548    1.059960    49.269304
 0.14084    20.360635   120.391085    1.685713
 0.002548    0.355684    25.776804
 0.28169    20.360635   120.391085    1.685713
 0.002548    0.399038    23.225395
 0.42253    20.360635   120.391085    1.685713
 0.002548    1.200294    32.258542
 0.56337    20.360635   120.391085    1.685713
 0.002548    2.000981    43.385712
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2367

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -67.154620   -27.281166   -1.908872
-0.002509   -1.199614  -10.591996
 0.14084   -67.154620   -27.281166   -1.908872
-0.002509   -0.400263  -25.361431
 0.28169   -67.154620   -27.281166   -1.908872
-0.002509   -0.353859  -62.863814
 0.42253   -67.154620   -27.281166   -1.908872
-0.002509   -1.060552  -115.276946
 0.56337   -67.154620   -27.281166   -1.908872
-0.002509   -1.767528  -160.430704

COMB     DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    32.733089   85.048782    1.181464
 0.004731    0.742105   58.321278
 0.14084    32.733089   85.048782    1.181464
 0.004731    0.249515   45.519349
 0.28169    32.733089   85.048782    1.181464
 0.004731    0.270252   41.493874
 0.42253    32.733089   85.048782    1.181464
 0.004731    0.809738   61.967314
 0.56337    32.733089   85.048782    1.181464
 0.004731    1.349146   84.996303

COMB     DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -50.330041   -55.784957   -1.286305
-0.004718   -0.808480  -17.823904
 0.14084   -50.330041   -55.784957   -1.286305
-0.004718   -0.269832  -25.849477
 0.28169   -50.330041   -55.784957   -1.286305
-0.004718   -0.248644  -42.652117
 0.42253   -50.330041   -55.784957   -1.286305
-0.004718   -0.744220  -68.293361
 0.56337   -50.330041   -55.784957   -1.286305
-0.004718   -1.239662  -103.391621

COMB     DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    51.599911   120.391085    2.080932
 0.004461    1.308622    73.158499
 0.14084    51.599911   120.391085    2.080932
 0.004461    0.439665    59.925375
 0.28169    51.599911   120.391085    2.080932
 0.004461    0.459845    67.016450
 0.42253    51.599911   120.391085    2.080932
 0.004461    1.383310   101.669669
 0.56337    51.599911   120.391085    2.080932
 0.004461    2.306419   141.244601

COMB     DL ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -67.154620   -95.685994   -2.200824
-0.004430   -1.383719   -25.500881
 0.14084   -67.154620   -95.685994   -2.200824
-0.004430   -0.463435   -36.876591
 0.28169   -67.154620   -95.685994   -2.200824
-0.004430   -0.436761   -70.369248
 0.42253   -67.154620   -95.685994   -2.200824
-0.004430   -1.309201  -110.792195
 0.56337   -67.154620   -95.685994   -2.200824
-0.004430   -2.181687  -160.430704

COMB     CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    51.599911   120.391085    2.080932
 0.004731    1.308622    73.158499
 0.14084    51.599911   120.391085    2.080932
 0.004731    0.439665    59.925375
 0.28169    51.599911   120.391085    2.080932
 0.004731    0.459845    67.016450
 0.42253    51.599911   120.391085    2.080932
 0.004731    1.383310   101.669669
 0.56337    51.599911   120.391085    2.080932
 0.004731    2.306419   141.244601
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2368

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -67.154620   -95.685994   -2.200824
-0.004718   -1.383719   -25.500881
 0.14084   -67.154620   -95.685994   -2.200824
-0.004718   -0.463435   -36.876591
 0.28169   -67.154620   -95.685994   -2.200824
-0.004718   -0.436761   -70.369248
 0.42253   -67.154620   -95.685994   -2.200824
-0.004718   -1.309201  -110.792195
 0.56337   -67.154620   -95.685994   -2.200824
-0.004718   -2.181687  -160.430704

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    51.599911   120.391085    2.080932
 0.004731    1.308622    73.158499
 0.14084    51.599911   120.391085    2.080932
 0.004731    0.459845    67.016450
 0.28169    51.599911   120.391085    2.080932
 0.004731    0.459845    67.016450
 0.42253    51.599911   120.391085    2.080932
 0.004731    1.383310   101.669669
 0.56337    51.599911   120.391085    2.080932
 0.004731    2.306419   141.244601

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -67.154620   -95.685994   -2.200824
-0.004718   -1.383719   -25.500881
 0.14084   -67.154620   -95.685994   -2.200824
-0.004718   -0.463435   -36.876591
 0.28169   -67.154620   -95.685994   -2.200824
-0.004718   -0.436761   -70.369248
 0.42253   -67.154620   -95.685994   -2.200824
-0.004718   -1.309201  -110.792195
 0.56337   -67.154620   -95.685994   -2.200824
-0.004718   -2.181687  -160.430704

ELEM     212 ================== LENGTH
=     2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    15.718927    3.740460    0.629707
 0.001321    0.681123    6.213787
 0.57750    15.718927    3.740460    0.629707
 0.001321    0.417107    5.004200
 0.71833    15.718927    3.740460    0.629707
 0.001321    0.153077    3.814699
 0.85917    15.718927    3.740460    0.629707
 0.001321    0.138720    2.681748
 1.00000    15.718927    3.740460    0.629707
 0.001321    0.463133    1.804687

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -2.624148  -42.956003   -0.773692
-0.000507   -0.834412   -80.110469
 0.57750   -2.624148  -42.956003   -0.773692
-0.000507   -0.510028   -62.144438
 0.71833   -2.624148  -42.956003   -0.773692
-0.000507   -0.185561   -44.221498
 0.85917   -2.624148  -42.956003   -0.773692
-0.000507   -0.110959   -26.576554
 1.00000   -2.624148  -42.956003   -0.773692
-0.000507   -0.374973   -12.428018

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    16.044137   28.006351    0.918719
 0.005326    0.989665    48.136680
 0.57750    16.044137   28.006351    0.918719
 0.005326    0.604775    37.732331
 0.71833    16.044137   28.006351    0.918719
 0.005326    0.219772    36.190831
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2369

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.85917    16.044137   28.006351    0.918719
 0.005326    0.219106    55.283174
 1.00000    16.044137   28.006351    0.918719
 0.005326    0.700728    80.563022

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -29.598492  -115.131195   -1.176620
-0.005609   -0.772628  -121.591219
 0.57750   -29.598492  -115.131195   -1.176620
-0.005609   -0.779322   -79.526886
 0.71833   -29.598492  -115.131195   -1.176620
-0.005609   -0.285972   -50.722219
 0.85917   -29.598492  -115.131195   -1.176620
-0.005609   -0.184240   -29.755019
 1.00000   -29.598492  -115.131195   -1.176620
-0.005609   -0.563692   -11.960306

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    14.593172   46.939151    1.059949
 0.003945    1.142391   77.309667
 0.57750    14.593172   46.939151    1.059949
 0.003945    0.698073   58.094445
 0.71833    14.593172   46.939151    1.059949
 0.003945    0.253771   44.944182
 0.85917    14.593172   46.939151    1.059949
 0.003945    0.237581   50.852041
 1.00000    14.593172   46.939151    1.059949
 0.003945    0.782778   63.000269

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -23.010283  -97.324862   -1.319453
-0.004515   -1.430152  -115.398724
 0.57750   -23.010283  -97.324862   -1.319453
-0.004515   -0.876956   -77.890768
 0.71833   -23.010283  -97.324862   -1.319453
-0.004515   -0.323687   -50.428975
 0.85917   -23.010283  -97.324862   -1.319453
-0.004515   -0.203326   -27.822559
 1.00000   -23.010283  -97.324862   -1.319453
-0.004515   -0.643963   -11.933417

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    26.698713   56.321354    1.051450
 0.003447    1.134033   93.639232
 0.57750    26.698713   56.321354    1.051450
 0.003447    0.693274   70.622375
 0.71833    26.698713   56.321354    1.051450
 0.003447    0.252531   52.719041
 0.85917    26.698713   56.321354    1.051450
 0.003447    0.227995   50.882240
 1.00000    26.698713   56.321354    1.051450
 0.003447    0.753507   54.934379

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -22.373703  -82.559243   -1.269149
-0.004170   -1.375087   -99.028125
 0.57750   -22.373703  -82.559243   -1.269149
-0.004170   -0.842980   -67.155271
 0.71833   -22.373703  -82.559243   -1.269149
-0.004170   -0.310825   -46.010716
 0.85917   -22.373703  -82.559243   -1.269149
-0.004170   -0.198880   -30.846137
 1.00000   -22.373703  -82.559243   -1.269149
-0.004170   -0.636580   -21.927408

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    0.157194    19.757394    0.298160
 0.003267    0.317540    38.610585
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2370

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.57750    0.157194    19.757394    0.298160
 0.003267    0.192659    31.359005
 0.71833    0.157194    19.757394    0.298160
 0.003267    0.067847    33.506008
 0.85917    0.157194    19.757394    0.298160
 0.003267    0.076186    52.450464
 1.00000    0.157194    19.757394    0.298160
 0.003267    0.232864    75.883044

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -30.528088   -70.908233   -0.397282
-0.004513   -0.433532   -44.174850
 0.57750   -30.528088   -70.908233   -0.397282
-0.004513   -0.266977   -18.788713
 0.71833   -30.528088   -70.908233   -0.397282
-0.004513   -0.100454    -5.594721
 0.85917   -30.528088   -70.908233   -0.397282
-0.004513   -0.072985    -1.056274
 1.00000   -30.528088   -70.908233   -0.397282
-0.004513   -0.193161    -1.505529

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    11.794283   46.732131    0.533330
 0.003097    0.572277   79.222412
 0.57750    11.794283   46.732131    0.533330
 0.003097    0.348784   60.389884
 0.71833    11.794283   46.732131    0.533330
 0.003097    0.125318   48.568166
 0.85917    11.794283   46.732131    0.533330
 0.003097    0.117359   58.514895
 1.00000    11.794283   46.732131    0.533330
 0.003097    0.378684   71.263542

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -25.075226   -64.483229   -0.645452
-0.004779   -0.703980   -44.139224
 0.57750   -25.075226   -64.483229   -0.645452
-0.004779   -0.433373   -20.811909
 0.71833   -25.075226   -64.483229   -0.645452
-0.004779   -0.162796   -10.375982
 0.85917   -25.075226   -64.483229   -0.645452
-0.004779   -0.117951    -6.998822
 1.00000   -25.075226   -64.483229   -0.645452
-0.004779   -0.332133   -11.236001

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    17.180147   69.867679    0.914005
 0.002947    0.984919   128.294557
 0.57750    17.180147   69.867679    0.914005
 0.002947    0.601788   99.591051
 0.71833    17.180147   69.867679    0.914005
 0.002947    0.218684   75.996347
 0.85917    17.180147   69.867679    0.914005
 0.002947    0.202049   69.036950
 1.00000    17.180147   69.867679    0.914005
 0.002947    0.671184   64.661195

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -34.918787   -73.904084   -1.134573
-0.003891   -1.231755   -80.627752
 0.57750   -34.918787   -73.904084   -1.134573
-0.003891   -0.756081   -52.396450
 0.71833   -34.918787   -73.904084   -1.134573
-0.003891   -0.280360   -33.651636
 0.85917   -34.918787   -73.904084   -1.134573
-0.003891   -0.174824   -20.606368
 1.00000   -34.918787   -73.904084   -1.134573
-0.003891   -0.555002   -14.894277
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2371

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    18.402926   71.296870    0.928712
 0.002676    1.001160   133.067898
 0.57750    18.402926   71.296870    0.928712
 0.002676    0.611864   103.640095
 0.71833    18.402926   71.296870    0.928712
 0.002676    0.222521    78.387609
 0.85917    18.402926   71.296870    0.928712
 0.002676    0.199378    67.183294
 1.00000    18.402926   71.296870    0.928712
 0.002676    0.663485    58.054626

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43667   -33.409924   -63.117975   -1.119937
-0.003661   -1.214878   -70.456440
 0.57750   -33.409924   -63.117975   -1.119937
-0.003661   -0.745329   -46.324288
 0.71833   -33.409924   -63.117975   -1.119937
-0.003661   -0.275725   -32.191115
 0.85917   -33.409924   -63.117975   -1.119937
-0.003661   -0.175463   -22.511325
 1.00000   -33.409924   -63.117975   -1.119937
-0.003661   -0.562320   -18.917035

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43667    2.582051    17.843667    0.256176
```

```
 0.000345    0.276016   37.886334
 0.57750     2.582051   17.843667    0.256176
 0.000345    0.168614   30.449609
 0.71833     2.582051   17.843667    0.256176
 0.000345    0.061175   23.030322
 0.85917     2.582051   17.843667    0.256176
 0.000345    0.049364   15.674967
 1.00000     2.582051   17.843667    0.256176
 0.000345    0.166470    8.488040

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -8.282420  -2.770587   -0.279107
-0.000630  -0.301615  -7.647489
 0.57750   -8.282420  -2.770587   -0.279107
-0.000630  -0.184594  -7.251924
 0.71833   -8.282420  -2.770587   -0.279107
-0.000630  -0.067550  -7.003980
 0.85917   -8.282420  -2.770587   -0.279107
-0.000630  -0.046230  -7.019137
 1.00000   -8.282420  -2.770587   -0.279107
-0.000630  -0.153673  -7.219374

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   23.741680  41.629505    0.461263
 0.000585   0.498060  75.026266
 0.57750   23.741680  41.629505    0.461263
 0.000585   0.384686  58.006084
 0.71833   23.741680  41.629505    0.461263
 0.000585   0.111283  41.420247
 0.85917   23.741680  41.629505    0.461263
 0.000585   0.086686  25.953424
 1.00000   23.741680  41.629505    0.461263
 0.000585   0.292404  12.575166

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -11.518637  -5.762552   -0.491409
-0.001289  -0.581735  -5.792019
 0.57750  -11.518637  -5.762552   -0.491409
-0.001289  -0.325702  -9.406289
 0.71833  -11.518637  -5.762552   -0.491409
-0.001289  -0.119690  -11.755918
 0.85917  -11.518637  -5.762552   -0.491409
-0.001289  -0.082708  -17.147329
 1.00000  -11.518637  -5.762552   -0.491409
-0.001289  -0.275943  -24.079554
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2372

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   11.638417  53.957461    0.659020
 0.000599   0.709440  96.483535
 0.57750   11.638417  53.957461    0.659020
 0.000599   0.433172  74.116616
 0.71833   11.638417  53.957461    0.659020
 0.000599   0.156924  52.556337
 0.85917   11.638417  53.957461    0.659020
 0.000599   0.126756  37.923735
 1.00000   11.638417  53.957461    0.659020
 0.000599   0.435658  25.805740

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -17.735558  -22.628848   -0.738129
-0.001739  -0.802389  -27.982110
 0.57750  -17.735558  -22.628848   -0.738129
-0.001739  -0.492932  -20.523901
 0.71833  -17.735558  -22.628848   -0.738129
-0.001739  -0.183486  -15.295379
 0.85917  -17.735558  -22.628848   -0.738129
-0.001739  -0.120415  -12.763485
 1.00000  -17.735558  -22.628848   -0.738129
-0.001739  -0.396477  -16.584875

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.093193  73.093090    0.845685
 0.002794   0.966258  140.966258
 0.57750   12.093193  73.093090    0.845685
 0.002794   0.556108  110.853341
 0.71833   12.093193  73.093090    0.845685
 0.002794   0.201649  85.672863
 0.85917   12.093193  73.093090    0.845685
 0.002794   0.181616  76.082589
 1.00000   12.093193  73.093090    0.845685
 0.002794   0.601952  68.567500

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -39.269283  -59.377369   -1.017758
-0.004083  -1.105055  -56.967484
 0.57750   -39.269283  -59.377369   -1.017758
-0.004083  -0.678349  -36.103181
 0.71833   -39.269283  -59.377369   -1.017758
-0.004083  -0.251617  -24.308593
 0.85917   -39.269283  -59.377369   -1.017758
-0.004083  -0.163103  -17.664194
 1.00000   -39.269283  -59.377369   -1.017758
-0.004083  -0.514680  -17.003872

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   36.805112   7.663410    1.074341
 0.001410   1.168429  10.876214
 0.57750   36.805112   7.663410    1.074341
 0.001410   0.717954   8.644807
 0.71833   36.805112   7.663410    1.074341
 0.001410   0.267501   6.436937
 0.85917   36.805112   7.663410    1.074341
 0.001410   0.225714   4.315502
 1.00000   36.805112   7.663410    1.074341
 0.001410   0.753129   2.354458

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -4.518713  -67.924545   -1.256555
-0.000510  -1.353681  -135.165828
 0.57750   -4.518713  -67.924545   -1.256555
-0.000510  -0.826670  -107.062199
 0.71833   -4.518713  -67.924545   -1.256555
-0.000510  -0.299320  -78.981613
 0.85917   -4.518713  -67.924545   -1.256555
-0.000510  -0.182795  -51.075340
 1.00000   -4.518713  -67.924545   -1.256555
-0.000510  -0.633259  -24.647641
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2373

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   33.920171  31.817449    1.646891
 0.004975   1.777545  60.653043
 0.57750   33.920171  31.817449    1.646891
 0.004975   1.087158  48.499216
 0.71833   33.920171  31.817449    1.646891
 0.004975   0.398924  45.940628
 0.85917   33.920171  31.817449    1.646891
 0.004975   0.360649  63.895623
 1.00000   33.920171  31.817449    1.646891
 0.004975   1.170561  86.488218

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -39.672004  -141.507947  -1.954137
-0.005692  -2.109697  -181.748204
 0.57750  -39.672004  -141.507947  -1.954137
-0.005692  -1.290156  -123.299544
 0.71833  -39.672004  -141.507947  -1.954137
-0.005692  -0.472233  -81.998234
 0.85917  -39.672004  -141.507947  -1.954137
-0.005692  -0.311024  -50.556041
 1.00000  -39.672004  -141.507947  -1.954137
-0.005692  -0.998251  -23.158024

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   32.133490  60.182044    1.813207
 0.003830   1.958558  109.996207
 0.57750   32.133490  60.182044    1.813207
 0.003830   1.198438  85.481473
 0.71833   32.133490  60.182044    1.813207
 0.003830   0.439587  67.793072
 0.85917   32.133490  60.182044    1.813207
 0.003830   0.391127  66.265596
 1.00000   32.133490  60.182044    1.813207
 0.003830   1.302954  70.443198

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -35.142887  -120.411551  -2.188179
-0.004642  -2.367673  -165.237981
 0.57750  -35.142887  -120.411551  -2.188179
-0.004642  -1.450047  -115.413952
 0.71833  -35.142887  -120.411551  -2.188179
-0.004642  -0.532375  -77.870005
 0.85917  -35.142887  -120.411551  -2.188179
-0.004642  -0.333479  -47.102339
 1.00000  -35.142887  -120.411551  -2.188179
-0.004642  -1.092048  -21.976525

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   41.731638  80.288864    1.776738
 0.003324   1.920277  137.838274
 0.57750   41.731638  80.288864    1.776738
 0.003324   1.175470  105.262281
 0.71833   41.731638  80.288864    1.776738
 0.003324   0.431763  78.901611
 0.85917   41.731638  80.288864    1.776738
 0.003324   0.385871  67.028184
 1.00000   41.731638  80.288864    1.776738
 0.003324   1.285455  61.588415

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -33.849273  -102.753838  -2.157147
-0.004269  -1.732701  -142.631910
 0.57750  -33.849273  -102.753838  -2.157147
-0.004269  -1.427985  -100.660539
 0.71833  -33.849273  -102.753838  -2.157147
-0.004269  -0.523510  -70.296297
 0.85917  -33.849273  -102.753838  -2.157147
-0.004269  -0.323908  -46.772128
 1.00000  -33.849273  -102.753838  -2.157147
-0.004269  -1.067468  -30.024534
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2374

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   0.132527  23.564004    0.545736
 0.002427  0.579998  52.438510
 0.57750   0.132527  23.564004    0.545736
 0.002427  0.351322  43.664343
 0.71833   0.132527  23.564004    0.545736
 0.002427  0.124088  42.458700
 0.85917   0.132527  23.564004    0.545736
 0.002427  0.123416  56.156617
 1.00000   0.132527  23.564004    0.545736
 0.002427  0.399111  73.137129

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -40.564831  -62.798801   -0.674023
-0.003893  -0.733380  -44.774538
 0.57750  -40.564831  -62.798801   -0.674023
-0.003893  -0.450753  -23.651516
 0.71833  -40.564831  -62.798801   -0.674023
-0.003893  -0.169500  -5.824776
 0.85917  -40.564831  -62.798801   -0.674023
-0.003893  -0.118369  -0.952434
 1.00000  -40.564831  -62.798801   -0.674023
-0.003893  -0.345003  -1.431899

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.202849  66.590795    0.883531
 0.002364   0.947692  119.357019
 0.57750   12.202849  66.590795    0.883531
 0.002364   0.577442  92.459211
 0.71833   12.202849  66.590795    0.883531
 0.002364   0.208380  72.293501
 0.85917   12.202849  66.590795    0.883531
 0.002364   0.198680  68.817220
 1.00000   12.202849  66.590795    0.883531
 0.002364   0.659864  69.573299

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -34.751094  -57.565508   -1.114236
-0.004236  -1.210175  -44.143457
 0.57750  -34.751094  -57.565508   -1.114236
-0.004236  -0.742621  -21.109885
 0.71833  -34.751094  -57.565508   -1.114236
-0.004236  -0.275713  -10.243587
 0.85917  -34.751094  -57.565508   -1.114236
-0.004236  -0.174016  -6.791527
 1.00000  -34.751094  -57.565508   -1.114236
-0.004236  -0.543363  -10.808077

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   21.797078  85.760451    1.574794
 0.002315   1.697889  160.338084
 0.57750   21.797078  85.760451    1.574794
 0.002315   1.037835  125.206087
 0.71833   21.797078  85.760451    1.574794
 0.002315   0.377812  94.631441
 0.85917   21.797078  85.760451    1.574794
 0.002315   0.335715  75.932277
 1.00000   21.797078  85.760451    1.574794
 0.002315   1.137281  61.586433

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -43.080879  -78.393848   -1.919261
-0.003263  -2.081730  -100.875723
 0.57750   -43.080879  -78.393848   -1.919261
-0.003263  -1.276484  -68.942762
 0.71833   -43.080879  -78.393848   -1.919261
-0.003263  -0.471192  -45.204801
 0.85917   -43.080879  -78.393848   -1.919261
-0.003263  -0.289189  -26.835710
 1.00000   -43.080879  -78.393848   -1.919261
-0.003263  -0.949202  -15.928364
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2375

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   23.423582  93.683081    1.584002
 0.002120   1.708496  173.105629
 0.57750   23.423582  93.683081    1.584002
 0.002120   1.044489  134.942538
 0.71833   23.423582  93.683081    1.584002
 0.002120   0.380987  100.775824
 0.85917   23.423582  93.683081    1.584002
 0.002120   0.339081  76.701052
 1.00000   23.423582  93.683081    1.584002
 0.002120   1.149777  56.497273

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -42.726814  -68.244268   -1.939882
-0.003134  -2.103349  -90.392400
 0.57750  -42.726814  -68.244268   -1.939882
-0.003134  -1.289617  -63.289237
 0.71833  -42.726814  -68.244268   -1.939882
-0.003134  -0.475810  -43.687330
 0.85917  -42.726814  -68.244268   -1.939882
-0.003134  -0.289069  -28.645341
 1.00000  -42.726814  -68.244268   -1.939882
-0.003134  -0.952980  -19.886672

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   4.267075  26.733263    0.429999
 0.000307  0.462640  54.702178
 0.57750   4.267075  26.733263    0.429999
 0.000307  0.282195  43.663184
 0.71833   4.267075  26.733263    0.429999
 0.000307  0.101709  32.714322
 0.85917   4.267075  26.733263    0.429999
 0.000307  0.092092  21.976107
 1.00000   4.267075  26.733263    0.429999
 0.000307  0.317467  11.695913

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -16.553554  -5.735911   -0.536686
-0.000635  -0.582388  -14.139239
 0.57750  -16.553554  -5.735911   -0.536686
-0.000635  -0.357259  -12.197574
 0.71833  -16.553554  -5.735911   -0.536686
-0.000635  -0.132211  -10.352929
 0.85917  -16.553554  -5.735911   -0.536686
-0.000635  -0.077771  -8.772915
 1.00000  -16.553554  -5.735911   -0.536686
-0.000635  -0.258243  -7.686908

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   26.705125  68.344370    0.756745
 0.000480  0.817415  116.228237
 0.57750   26.705125  68.344370    0.756745
 0.000480  0.498891  88.361285
 0.71833   26.705125  68.344370    0.756745
 0.000480  0.182803  61.303738
 0.85917   26.705125  68.344370    0.756745
 0.000480  0.167134  36.524842
 1.00000   26.705125  68.344370    0.756745
 0.000480  0.565909  15.391375

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -19.459892  -8.512371   -0.951096
-0.001233  -0.629485  -16.944337
 0.57750  -19.459892  -8.512371   -0.951096
-0.001233  -0.629485  -16.944337
 0.71833  -19.459892  -8.512371   -0.951096
-0.001233  -0.230739  -16.172357
 0.85917  -19.459892  -8.512371   -0.951096
-0.001233  -0.134805  -18.301766
 1.00000  -19.459892  -8.512371   -0.951096
-0.001233  -0.452012  -24.770904
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2376

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   15.785072  81.332442    1.049759
 0.000362   1.131015  148.127995
 0.57750   15.785072  81.332442    1.049759
 0.000362   0.690751  114.758735
 0.71833   15.785072  81.332442    1.049759
 0.000362   0.250447  82.144273
 0.85917   15.785072  81.332442    1.049759
 0.000362   0.223308  53.047883
 1.00000   15.785072  81.332442    1.049759
 0.000362   0.779662  28.265303

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -31.387384  -20.520187   -1.323522
-0.001399  -1.438562  -32.228017
 0.57750  -31.387384  -20.520187   -1.323522
-0.001399  -0.988157  -25.117529
 0.71833  -31.387384  -20.520187   -1.323522
-0.001399  -0.327262  -18.826013
 0.85917  -31.387384  -20.520187   -1.323522
-0.001399  -0.188522  -14.396889
 1.00000  -31.387384  -20.520187   -1.323522
-0.001399  -0.629038  -17.290838

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   16.726079  95.015556    1.456511
 0.002021   1.567133  182.981873
 0.57750   16.726079  95.015556    1.456511
 0.002021   0.956403  144.130188
 0.71833   16.726079  95.015556    1.456511
 0.002021   0.346469  109.633339
 0.85917   16.726079  95.015556    1.456511
 0.002021   0.312252  85.844268
 1.00000   16.726079  95.015556    1.456511
 0.002021   1.062573  66.368858

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -52.544728  -58.205764   -1.796083
-0.003322  -1.949668  -69.288077
 0.57750   -52.544728  -58.205764   -1.796083
-0.003322  -1.196189  -46.506583
 0.71833   -52.544728  -58.205764   -1.796083
-0.003322  -0.443000  -31.129267
 0.85917   -52.544728  -58.205764   -1.796083
-0.003322  -0.270770  -20.850291
 1.00000   -52.544728  -58.205764   -1.796083
-0.003322  -0.880720  -17.728457

COMB DB ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   26.698713  73.093090    1.059949
 0.005326   1.142391  140.966258
 0.57750   26.698713  73.093090    1.059949
 0.005326   0.698073  110.853341
 0.71833   26.698713  73.093090    1.059949
 0.005326   0.253771  85.672863
 0.85917   26.698713  73.093090    1.059949
 0.005326   0.233101  76.082589
 1.00000   26.698713  73.093090    1.059949
 0.005326   0.782778  80.563022

COMB DB ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -39.269283  -115.131195  -1.319453
-0.005609  -1.430152  -122.951219
 0.57750   -39.269283  -115.131195  -1.319453
-0.005609  -0.876956  -79.526886
 0.71833   -39.269283  -115.131195  -1.319453
-0.005609  -0.323687  -50.722219
 0.85917   -39.269283  -115.131195  -1.319453
-0.005609  -0.203326  -30.846137
 1.00000   -39.269283  -115.131195  -1.319453
-0.005609  -0.643963  -24.079554
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2377

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   41.731638  95.015556    1.813207
 0.004975   1.958558  182.981873
 0.57750   41.731638  95.015556    1.813207
 0.004975   1.198438  144.130188
 0.71833   41.731638  95.015556    1.813207
 0.004975   0.439587  109.633339
 0.85917   41.731638  95.015556    1.813207
 0.004975   0.391127  85.844268
 1.00000   41.731638  95.015556    1.813207
 0.004975   1.302954  86.488218

COMB DL ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -52.544728  -141.507947  -2.188179
-0.005692  -2.367673  -181.748204
 0.57750   -52.544728  -141.507947  -2.188179
-0.005692  -1.450047  -123.299544
 0.71833   -52.544728  -141.507947  -2.188179
-0.005692  -0.532375  -81.998234
 0.85917   -52.544728  -141.507947  -2.188179
-0.005692  -0.333479  -51.075340
 1.00000   -52.544728  -141.507947  -2.188179
-0.005692  -1.092048  -30.024534

COMB CAR ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   41.731638  95.015556    1.813207
 0.005326   1.958558  182.981873
 0.57750   41.731638  95.015556    1.813207
 0.005326   1.198438  144.130188
 0.71833   41.731638  95.015556    1.813207
 0.005326   0.439587  109.633339
 0.85917   41.731638  95.015556    1.813207
 0.005326   0.391127  85.844268
 1.00000   41.731638  95.015556    1.813207
 0.005326   1.302954  86.488218

COMB CAR ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -52.544728  -141.507947  -2.188179
-0.005692  -2.367673  -181.748204
 0.57750   -52.544728  -141.507947  -2.188179
-0.005692  -1.450047  -123.299544
 0.71833   -52.544728  -141.507947  -2.188179
-0.005692  -0.532375  -81.998234
 0.85917   -52.544728  -141.507947  -2.188179
-0.005692  -0.333479  -51.075340
 1.00000   -52.544728  -141.507947  -2.188179
-0.005692  -1.092048  -30.024534

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   41.731638  95.015556    1.813207
 0.005326   1.958558  182.981873
 0.57750   41.731638  95.015556    1.813207
 0.005326   1.198438  144.130188
 0.71833   41.731638  95.015556    1.813207
 0.005326   0.439587  109.633339
 0.85917   41.731638  95.015556    1.813207
 0.005326   0.391127  85.844268
 1.00000   41.731638  95.015556    1.813207
 0.005326   1.302954  86.488218

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -52.544728  -141.507947  -2.188179
-0.005692  -2.367673  -181.748204
 0.57750   -52.544728  -141.507947  -2.188179
-0.005692  -1.450047  -123.299544
 0.71833   -52.544728  -141.507947  -2.188179
-0.005692  -0.532375  -81.998234
 0.85917   -52.544728  -141.507947  -2.188179
-0.005692  -0.333479  -51.075340
 1.00000   -52.544728  -141.507947  -2.188179
-0.005692  -1.092048  -30.024534
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2378

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      213 ================== LENGTH
=    2.977141

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   15.803527   3.801081    0.625560
 0.001248   1.367630   1.800992
 0.14083   15.803527   3.801081    0.625560
 0.001248   0.110336  10.248696
 0.28167   15.803527   3.801081    0.625560
 0.001248   0.177974  27.955006
 0.42250   15.803527   3.801081    0.625560
 0.001248   0.479658  45.799753
 0.56334   15.803527   3.801081    0.625560
 0.001248   0.781308  63.692583

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -2.733390  -42.697434   -0.719488
-0.000554  -0.425423  -12.428110
 0.14083   -2.733390  -42.697434   -0.719488
-0.000554  -0.123758  -13.354228
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0.28167    -2.733390   -42.697434   -0.719488
-0.000554   -0.151933   -14.497015
0.42250    -2.733390   -42.697434   -0.719488
-0.000554   -0.414236   -15.664233
0.56334    -2.733390   -42.697434   -0.719488
-0.000554   -0.676524   -17.161144

COMB DB-G1-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   16.159752   86.033303    0.880782
 0.006484    0.523998   80.784705
0.14083   16.159752   86.033303    0.880782
 0.006484    0.154701   66.127623
0.28167   16.159752   86.033303    0.880782
 0.006484    0.281468   60.388007
0.42250   16.159752   86.033303    0.880782
 0.006484    0.765125   78.717610
0.56334   16.159752   86.033303    0.880782
 0.006484    1.248797  103.106969

COMB DB-G1-2 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -33.566330   -62.010587   -1.158967
-0.004452   -0.715598   -11.978928
0.14083   -33.566330   -62.010587   -1.158967
-0.004452   -0.230928   -12.468528
0.28167   -33.566330   -62.010587   -1.158967
-0.004452   -0.414579   -19.660424
0.42250   -33.566330   -62.010587   -1.158967
-0.004452   -0.583914   -40.686237
0.56334   -33.566330   -62.010587   -1.158967
-0.004452   -0.953213   -76.501050

COMB DB-G1-3 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   14.716474   86.348614    1.002060
 0.004705    0.594222   63.156268
0.14083   14.716474   86.348614    1.002060
 0.004705    0.173962   55.942209
0.28167   14.716474   86.348614    1.002060
 0.004705    0.323793   59.271169
0.42250   14.716474   86.348614    1.002060
 0.004705    0.883012   79.614247
0.56334   14.716474   86.348614    1.002060
 0.004705    1.442213  104.185760

COMB DB-G1-3 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -25.814027   -61.294118   -1.337378
-0.003400   -0.814822   -11.936164
0.14083   -25.814027   -61.294118   -1.337378
-0.003400   -0.254875   -22.224793
0.28167   -25.814027   -61.294118   -1.337378
-0.003400   -0.245980   -38.710921
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2379

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P           V2          V3
         T          M2          M3
0.42250   -25.814027   -61.294118   -1.337378
-0.003400   -0.666284   -64.619251
0.56334   -25.814027   -61.294118   -1.337378
-0.003400   -1.086433   -100.629938

COMB DB-G1-4 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   26.784529   89.316522    1.003794
 0.004116    0.596141   55.068960
0.14083   26.784529   89.316522    1.003794
 0.004116    0.175565   46.974184
0.28167   26.784529   89.316522    1.003794
 0.004116    0.310003   50.366006
0.42250   26.784529   89.316522    1.003794
 0.004116    0.844443   68.096413
0.56334   26.784529   89.316522    1.003794
 0.004116    1.378866   89.244937

COMB DB-G1-4 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -24.707143   -52.665950   -1.277676
-0.003404   -0.275672   -10.284459
0.14083   -24.707143   -52.665950   -1.277676
-0.003404   -0.240586   -35.202633
0.28167   -24.707143   -52.665950   -1.277676
-0.003404   -0.245777   -53.648063
0.42250   -24.707143   -52.665950   -1.277676
-0.003404   -0.666712   -80.126321
0.56334   -24.707143   -52.665950   -1.277676
-0.003404   -1.087578   -116.214881

COMB DB-G2-1 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000    0.166597   68.439455    0.243925
 0.004158    0.143208   76.070199
0.14083    0.166597   68.439455    0.243925
 0.004158    0.040910   60.932638
0.28167    0.166597   68.439455    0.243925
 0.004158    0.106684   46.004775
0.42250    0.166597   68.439455    0.243925
 0.004158    0.294641   50.914962
0.56334    0.166597   68.439455    0.243925
 0.004158    0.485942   60.830136

COMB DB-G2-1 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -33.758798   -26.946991   -0.456951
-0.003181   -0.297671   -1.532697
0.14083   -33.758798   -26.946991   -0.456951
-0.003181   -0.107198   -3.166754
0.28167   -33.758798   -26.946991   -0.456951
-0.003181   -0.067385   -7.822728
0.42250   -33.758798   -26.946991   -0.456951
-0.003181   -0.163687   -24.008660
0.56334   -33.758798   -26.946991   -0.456951
-0.003181   -0.265923   -52.549123

COMB DB-G2-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   11.804763   92.463705    0.474965
 0.003931    0.280448   71.449189
0.14083   11.804763   92.463705    0.474965
 0.003931    0.081494   52.505152
0.28167   11.804763   92.463705    0.474965
 0.003931    0.170599   37.264786
0.42250   11.804763   92.463705    0.474965
 0.003931    0.470267   41.216056
0.56334   11.804763   92.463705    0.474965
 0.003931    0.770043   49.825313

COMB DB-G2-2 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -28.155208   -23.458025   -0.719162
-0.003468   -0.452148   -11.256401
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2380

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P           V2          V3
         T          M2          M3
0.14083   -28.155208   -23.458025   -0.719162
-0.003468   -0.151568   -24.893806
0.28167   -28.155208   -23.458025   -0.719162
-0.003468   -0.117972   -40.574495
0.42250   -28.155208   -23.458025   -0.719162
-0.003468   -0.317222   -67.207757
0.56334   -28.155208   -23.458025   -0.719162
-0.003468   -0.516349   -105.691410

COMB DB-G2-3 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   17.271641   101.710199    0.861135
 0.003786    0.510675   64.790546
0.14083   17.271641   101.710199    0.861135
 0.003786    0.149782   49.617389
0.28167   17.271641   101.710199    0.861135
 0.003786    0.283525   49.585921
0.42250   17.271641   101.710199    0.861135
 0.003786    0.775040   63.983959
0.56334   17.271641   101.710199    0.861135
 0.003786    1.266606   81.803831

COMB DB-G2-3 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -37.078118   -44.927592   -1.175363
-0.002966   -0.716024   -14.895134
0.14083   -37.078118   -44.927592   -1.175363
-0.002966   -0.212385   -23.945663
0.28167   -37.078118   -44.927592   -1.175363
-0.002966   -0.211560   -49.763112
0.42250   -37.078118   -44.927592   -1.175363
-0.002966   -0.572712   -83.649232
0.56334   -37.078118   -44.927592   -1.175363
-0.002966   -0.933750   -125.982263

COMB DB-G2-4 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   18.477554   97.955929    0.874255
 0.003442    0.518178   58.167584
0.14083   18.477554   97.955929    0.874255
 0.003442    0.151701   41.384008
0.28167   18.477554   97.955929    0.874255
 0.003442    0.277711   41.643803
0.42250   18.477554   97.955929    0.874255
 0.003442    0.758700   54.206972
0.56334   18.477554   97.955929    0.874255
 0.003442    1.239718   69.636454

COMB DB-G2-4 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -35.226281   -38.834522   -1.149719
-0.003073   -0.698050   -18.917801
0.14083   -35.226281   -38.834522   -1.149719
-0.003073   -0.216452   -27.702826
0.28167   -35.226281   -38.834522   -1.149719
-0.003073   -0.215086   -50.590076
0.42250   -35.226281   -38.834522   -1.149719
-0.003073   -0.581712   -81.277838
0.56334   -35.226281   -38.834522   -1.149719
-0.003073   -0.948220   -122.095757

COMB DB-G3-1 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000    2.635831   17.922998    0.225713
 0.000483    0.132213   8.494095
0.14083    2.635831   17.922998    0.225713
 0.000483    0.037664   4.322683
0.28167    2.635831   17.922998    0.225713
 0.000483    0.066394   3.5888190
0.42250    2.635831   17.922998    0.225713
 0.000483    0.180793   3.675218
0.56334    2.635831   17.922998    0.225713
 0.000483    0.295170   4.087010
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2381

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -8.289883   -2.711687   -0.272796
-0.000929   -0.012369   -1.266647
0.14083   -8.289883   -2.711687   -0.272796
-0.000929   -0.047899   -7.668286
0.28167   -8.289883   -2.711687   -0.272796
-0.000929   -0.057095   -8.571654
0.42250   -8.289883   -2.711687   -0.272796
-0.000929   -0.151762   -14.779647
0.56334   -8.289883   -2.711687   -0.272796
-0.000929   -0.246398   -22.282142

COMB DB-G3-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   23.782480   44.092650    0.433961
 0.000751    0.256969   12.594336
0.14083   23.782480   44.092650    0.433961
 0.000751    0.075701   3.696181
0.28167   23.782480   44.092650    0.433961
 0.000751    0.117894   2.231616
0.42250   23.782480   44.092650    0.433961
 0.000751    0.319772   3.6881124
0.56334   23.782480   44.092650    0.433961
 0.000751    0.521636   5.337819

COMB DB-G3-2 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -11.647556   -4.052395   -0.481650
-0.001728   -0.286872   -24.079012
0.14083   -11.647556   -4.052395   -0.481650
-0.001728   -0.084839   -32.257288
0.28167   -11.647556   -4.052395   -0.481650
-0.001728   -0.107019   -40.238319
0.42250   -11.647556   -4.052395   -0.481650
-0.001728   -0.289163   -56.547738
0.56334   -11.647556   -4.052395   -0.481650
-0.001728   -0.471079   -74.852165

COMB DB-G3-3 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   11.703320   57.174949    0.589867
 0.000773    0.346956   25.831488
0.14083   11.703320   57.174949    0.589867
 0.000773    0.099857   21.547442
0.28167   11.703320   57.174949    0.589867
 0.000773    0.188133   26.245147
0.42250   11.703320   57.174949    0.589867
 0.000773    0.516122   34.320524
0.56334   11.703320   57.174949    0.589867
 0.000773    0.844139   42.702504

COMB DB-G3-3 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -18.012998   -20.281695   -0.782620
-0.001589   -0.469537   -16.579223
0.14083   -18.012998   -20.281695   -0.782620
-0.001589   -0.141337   -30.523521
0.28167   -18.012998   -20.281695   -0.782620
-0.001589   -0.147799   -45.170136
0.42250   -18.012998   -20.281695   -0.782620
-0.001589   -0.395211   -66.267789
0.56334   -18.012998   -20.281695   -0.782620
-0.001589   -0.642500   -90.088929

COMB DB-G3-4 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   12.194672   104.654149    0.778182
 0.003691    0.459960   68.700475
0.14083   12.194672   104.654149    0.778182
 0.003691    0.133841   44.228570
0.28167   12.194672   104.654149    0.778182
 0.003691    0.255316   37.199704
0.42250   12.194672   104.654149    0.778182
 0.003691    0.699182   45.680774
0.56334   12.194672   104.654149    0.778182
 0.003691    1.143091   57.579784
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2382

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -41.410987   -30.687508   -1.061665
-0.003454   -0.648712   -17.011663
0.14083   -41.410987   -30.687508   -1.061665
-0.003454   -0.204130   -25.549792
0.28167   -41.410987   -30.687508   -1.061665
-0.003454   -0.192672   -45.481731
0.42250   -41.410987   -30.687508   -1.061665
-0.003454   -0.519055   -79.418519
0.56334   -41.410987   -30.687508   -1.061665
-0.003454   -0.845315   -123.099714

COMB DL-G1-1 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   36.891423    7.565424    1.170954
 0.001375    0.704310    2.346201
0.14083   36.891423    7.565424    1.170954
 0.001375    0.213376   10.927647
0.28167   36.891423    7.565424    1.170954
 0.001375    0.282206   37.838287
0.42250   36.891423    7.565424    1.170954
 0.001375    0.757378   65.647090
0.56334   36.891423    7.565424    1.170954
 0.001375    1.232326   93.653123

COMB DL-G1-1 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -4.644471   -67.309440   -1.132227
-0.000583   -0.666135   -24.626325
0.14083   -4.644471   -67.309440   -1.132227
-0.000583   -0.190930   -11.370895
0.28167   -4.644471   -67.309440   -1.132227
-0.000583   -0.277486   -13.322553
0.42250   -4.644471   -67.309440   -1.132227
-0.000583   -0.768572   -16.102528
0.56334   -4.644471   -67.309440   -1.132227
-0.000583   -1.259546   -19.058023

COMB DL-G1-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   34.035606   90.726826    1.638252
 0.006927    0.292864   86.230937
0.14083   34.035606   90.726826    1.638252
 0.006927    0.292864   69.203207
0.28167   34.035606   90.726826    1.638252
 0.006927    0.467164   71.925511
0.42250   34.035606   90.726826    1.638252
 0.006927    1.280282   98.878068
0.56334   34.035606   90.726826    1.638252
 0.006927    2.093278  133.509343

COMB DL-G1-2 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -42.462723   -85.631080   -1.947298
-0.004160   -1.186440   -23.150256
0.14083   -42.462723   -85.631080   -1.947298
-0.004160   -0.371186   -10.795544
0.28167   -42.462723   -85.631080   -1.947298
-0.004160   -0.395572   -17.908081
0.42250   -42.462723   -85.631080   -1.947298
-0.004160   -1.419771   -42.637040
0.56334   -42.462723   -85.631080   -1.947298
-0.004160   -1.769148   -79.594251

COMB DL-G1-3 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   32.281447   102.033025    1.794803
 0.005187    1.069915   70.488431
0.14083   32.281447   102.033025    1.794803
 0.005187    0.317390   57.976148
0.28167   32.281447   102.033025    1.794803
 0.005187    0.531521   66.116549
0.42250   32.281447   102.033025    1.794803
 0.005187    1.458372   93.362666
0.56334   32.281447   102.033025    1.794803
 0.005187    2.383826  126.220528
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2383

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -37.221539   -80.807072   -2.213131
-0.003297   -1.336617   -21.966254
0.14083   -37.221539   -80.807072   -2.213131
-0.003297   -0.408380   -21.944145
0.28167   -37.221539   -80.807072   -2.213131
-0.003297   -0.435464   -40.896915
0.42250   -37.221539   -80.807072   -2.213131
-0.003297   -1.187908   -74.060950
0.56334   -37.221539   -80.807072   -2.213131
-0.003297   -1.940370   -116.060966

COMB DL-G1-4 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   41.869548   115.355082    1.779147
 0.004491    1.062106   61.633151
0.14083   41.869548   115.355082    1.779147
 0.004491    0.316412   48.618751
0.28167   41.869548   115.355082    1.779147
 0.004491    0.519942   56.518412
0.42250   41.869548   115.355082    1.779147
 0.004491    1.223861   80.252347
0.56334   41.869548   115.355082    1.779147
 0.004491    2.324851  108.691249

COMB DL-G1-4 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -35.616592   -69.894902   -2.155865
-0.003331   -1.297763   -30.016292
0.14083   -35.616592   -69.894902   -2.155865
-0.003331   -0.393678   -39.351150
0.28167   -35.616592   -69.894902   -2.155865
-0.003331   -0.430100   -67.245257
0.42250   -35.616592   -69.894902   -2.155865
-0.003331   -1.176076   -106.969087
0.56334   -35.616592   -69.894902   -2.155865
-0.003331   -1.922012   -154.028089

COMB DL-G2-1 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000    0.144875   64.996788    0.428115
 0.003723    0.249919   73.175884
0.14083    0.144875   64.996788    0.428115
 0.003723    0.071001   57.725891
0.28167    0.144875   64.996788    0.428115
 0.003723    0.184842   44.054109
0.42250    0.144875   64.996788    0.428115
 0.003723    0.523108   47.247971
0.56334    0.144875   64.996788    0.428115
 0.003723    0.861465   56.485546

COMB DL-G2-1 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -42.417762   -24.526315   -0.813174
-0.002450   -0.512138   -1.446361
0.14083   -42.417762   -24.526315   -0.813174
-0.002450   -0.171932   -3.009277
0.28167   -42.417762   -24.526315   -0.813174
-0.002450   -0.109629   -7.792046
0.42250   -42.417762   -24.526315   -0.813174
-0.002450   -0.288966   -24.880125
0.56334   -42.417762   -24.526315   -0.813174
-0.002450   -0.468348   -51.215022

COMB DL-G2-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   12.266739   106.627903    0.797429
 0.003602    0.471470   69.630777
0.14083   12.266739   106.627903    0.797429
 0.003602    0.137587   49.017410
0.28167   12.266739   106.627903    0.797429
 0.003602    0.288970   33.498423
0.42250   12.266739   106.627903    0.797429
 0.003602    0.806506   35.852482
0.56334   12.266739   106.627903    0.797429
 0.003602    1.323262   43.743628
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2384

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -36.610868   -20.884254   -1.237683
-0.002818   -0.761128   -10.825278
0.14083   -36.610868   -20.884254   -1.237683
-0.002818   -0.242521   -28.632090
0.28167   -36.610868   -20.884254   -1.237683
-0.002818   -0.197512   -50.751303
0.42250   -36.610868   -20.884254   -1.237683
-0.002818   -0.531967   -86.362138
0.56334   -36.610868   -20.884254   -1.237683
-0.002818   -0.866298   -130.319585

COMB DL-G2-3 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   21.915195   111.120633    1.508085
 0.003425    0.896178   61.623131
0.14083   21.915195   111.120633    1.508085
 0.003425    0.264472   48.569765
0.28167   21.915195   111.120633    1.508085
 0.003425    0.471580   53.987703
0.42250   21.915195   111.120633    1.508085
 0.003425    1.319957   72.320379
0.56334   21.915195   111.120633    1.508085
 0.003425    2.160031   94.455648

COMB DL-G2-3 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -44.352647   -54.507873   -2.006565
-0.002364   -1.210190   -15.919927
0.14083   -44.352647   -54.507873   -2.006565
-0.002364   -0.368724   -27.533035
0.28167   -44.352647   -54.507873   -2.006565
-0.002364   -0.368668   -58.085619
0.42250   -44.352647   -54.507873   -2.006565
-0.002364   -1.001096   -98.516628
0.56334   -44.352647   -54.507873   -2.006565
-0.002364   -1.633353   -144.509271

COMB DL-G2-4 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   23.570598   115.009533    1.515542
 0.003119    0.900092   66.535775
0.14083   23.570598   115.009533    1.515542
 0.003119    0.264554   40.539441
0.28167   23.570598   115.009533    1.515542
 0.003119    0.481676   46.105655
0.42250   23.570598   115.009533    1.515542
 0.003119    1.324733   62.472822
0.56334   23.570598   115.009533    1.515542
 0.003119    2.166845   82.088052

COMB DL-G2-4 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -43.846686   -48.208546   -2.011207
-0.002607   -1.209947   -19.882446
0.14083   -43.846686   -48.208546   -2.011207
-0.002607   -0.366449   -32.748627
0.28167   -43.846686   -48.208546   -2.011207
-0.002607   -0.370909   -65.972489
0.42250   -43.846686   -48.208546   -2.011207
-0.002607   -1.006593   -107.077477
0.56334   -43.846686   -48.208546   -2.011207
-0.002607   -1.641967   -155.452625

COMB DL-G3-1 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000    4.362027   26.779611    0.375317
 0.000478    0.219598   11.708539
0.14083    4.362027   26.779611    0.375317
 0.000478    0.062130   4.533874
0.28167    4.362027   26.779611    0.375317
 0.000478    0.134061   4.806859
0.42250    4.362027   26.779611    0.375317
 0.000478    0.367670   6.659428
0.56334    4.362027   26.779611    0.375317
 0.000478    0.601255   8.722674
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2385

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST         P           V2          V3
         T          M2          M3
0.00000   -16.627176   -5.716803   -0.557014
-0.000973   -0.332585   -7.691475
0.14083   -16.627176   -5.716803   -0.557014
-0.000973   -0.098443   -8.498066
0.28167   -16.627176   -5.716803   -0.557014
-0.000973   -0.094613   -15.536516
0.42250   -16.627176   -5.716803   -0.557014
-0.000973   -0.252058   -26.037653
0.56334   -16.627176   -5.716803   -0.557014
-0.000973   -0.409625   -37.073974

COMB DL-G3-2 ------------------- MAX

REL DIST         P           V2          V3
         T          M2          M3
0.00000   26.819877   70.137163    0.739633
 0.000658    0.439982   15.411444
0.14083   26.819877   70.137163    0.739633
 0.000658    0.129918   3.858224
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0.28167    26.819877    70.137163     0.739633
 0.000658     0.228576     4.291248
0.42250    26.819877    70.137163     0.739633
 0.000658     0.622348     6.962534
0.56334    26.819877    70.137163     0.739633
 0.000658     1.016537     9.991955

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -19.636902   -7.384520    -0.939394
-0.001700    -0.558417   -24.774116
0.14083   -19.636902   -7.384520    -0.939394
-0.001700    -0.164281   -39.762474
0.28167   -19.636902   -7.384520    -0.939394
-0.001700    -0.180062   -64.493621
0.42250   -19.636902   -7.384520    -0.939394
-0.001700    -0.480084   -92.896464
0.56334   -19.636902   -7.384520    -0.939394
-0.001700    -0.800434  -122.195211

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    15.921380    81.715913     0.964156
 0.000493     0.568334    28.297643
0.14083    15.921380    81.715913     0.964156
 0.000493     0.163692    20.105151
0.28167    15.921380    81.715913     0.964156
 0.000493     0.336158    24.533959
0.42250    15.921380    81.715913     0.964156
 0.000493     0.926603    32.682551
0.56334    15.921380    81.715913     0.964156
 0.000493     1.516480    41.204518

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -31.535860   -20.958534    -1.405788
-0.001428    -0.839529   -17.295067
0.14083   -31.535860   -20.958534    -1.405788
-0.001428    -0.248790   -35.830272
0.28167   -31.535860   -20.958534    -1.405788
-0.001428    -0.239266   -64.118553
0.42250   -31.535860   -20.958534    -1.405788
-0.001428    -0.643876   -97.189374
0.56334   -31.535860   -20.958534    -1.405788
-0.001428    -1.048319  -131.175514

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    16.884767    118.171821    1.336320
 0.003104     0.789783    66.413945
0.14083    16.884767    118.171821    1.336320
 0.003104     0.229552    43.855580
0.28167    16.884767    118.171821    1.336320
 0.003104     0.454600    41.379076
0.42250    16.884767    118.171821    1.336320
 0.003104     1.255910    52.538671
0.56334    16.884767    118.171821    1.336320
 0.003104     2.056988    67.149681
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2386

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -53.741016   -36.587983    -1.912981
-0.002793    -1.155456   -17.733270
0.14083   -53.741016   -36.587983    -1.912981
-0.002793    -0.353093   -30.078239
0.28167   -53.741016   -36.587983    -1.912981
-0.002793    -0.330401   -61.381522
0.42250   -53.741016   -36.587983    -1.912981
-0.002793    -0.890876  -104.672018
0.56334   -53.741016   -36.587983    -1.912981
-0.002793    -1.451325  -153.607937

COMB      DB ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    26.784529    104.654149    1.003794
 0.006484     0.596141    80.784705
0.14083    26.784529    104.654149    1.003794
 0.006484     0.175565    66.127623
0.28167    26.784529    104.654149    1.003794
 0.006484     0.332793    60.388007
0.42250    26.784529    104.654149    1.003794
 0.006484     0.883012    79.614247
0.56334    26.784529    104.654149    1.003794
 0.006484     1.442213   104.185760

COMB      DB ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -41.410987   -62.010587    -1.337378
-0.004452    -0.814822   -24.079012
0.14083   -41.410987   -62.010587    -1.337378
-0.004452    -0.254875   -35.002633
0.28167   -41.410987   -62.010587    -1.337378
-0.004452    -0.245980   -53.648063
0.42250   -41.410987   -62.010587    -1.337378
-0.004452    -0.666712   -83.649232
0.56334   -41.410987   -62.010587    -1.337378
-0.004452    -1.087578  -125.982263

COMB      DL ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    41.869948    118.171821    1.794803
 0.006927     1.069915    86.530937
0.14083    41.869948    118.171821    1.794803
 0.006927     0.317390    69.203207
0.28167    41.869948    118.171821    1.794803
 0.006927     0.531521    71.925511
0.42250    41.869948    118.171821    1.794803
 0.006927     1.458372    98.878068
0.56334    41.869948    118.171821    1.794803
 0.006927     2.383826   133.509343

COMB      DL ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -53.741016   -85.631080    -2.213131
-0.004160    -1.336617   -30.016292
0.14083   -53.741016   -85.631080    -2.213131
-0.004160    -0.408380   -39.762474
0.28167   -53.741016   -85.631080    -2.213131
-0.004160    -0.435464   -67.245257
0.42250   -53.741016   -85.631080    -2.213131
-0.004160    -1.187908  -107.732777
0.56334   -53.741016   -85.631080    -2.213131
-0.004160    -1.940370  -155.452625

COMB      CAR ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    41.869948    118.171821    1.794803
 0.006927     1.069915    86.530937
0.14083    41.869948    118.171821    1.794803
 0.006927     0.317390    69.203207
0.28167    41.869948    118.171821    1.794803
 0.006927     0.531521    71.925511
0.42250    41.869948    118.171821    1.794803
 0.006927     1.458372    98.878068
0.56334    41.869948    118.171821    1.794803
 0.006927     2.383826   133.509343
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2387

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -53.741016   -85.631080    -2.213131
-0.004452    -1.336617   -30.016292
0.14083   -53.741016   -85.631080    -2.213131
-0.004452    -0.408380   -39.762474
0.28167   -53.741016   -85.631080    -2.213131
-0.004452    -0.435464   -67.245257
0.42250   -53.741016   -85.631080    -2.213131
-0.004452    -1.187908  -107.732777
0.56334   -53.741016   -85.631080    -2.213131
-0.004452    -1.940370  -155.452625

COMB      DESIGN ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000    41.869948    118.171821    1.794803
 0.006927     1.069915    86.530937
0.14083    41.869948    118.171821    1.794803
 0.006927     0.317390    69.203207
0.28167    41.869948    118.171821    1.794803
 0.006927     0.531521    71.925511
0.42250    41.869948    118.171821    1.794803
 0.006927     1.458372    98.878068
0.56334    41.869948    118.171821    1.794803
 0.006927     2.383826   133.509343

COMB      DESIGN ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000   -53.741016   -85.631080    -2.213131
-0.004452    -1.336617   -30.016292
0.14083   -53.741016   -85.631080    -2.213131
-0.004452    -0.408380   -39.762474
0.28167   -53.741016   -85.631080    -2.213131
-0.004452    -0.435464   -67.245257
0.42250   -53.741016   -85.631080    -2.213131
-0.004452    -1.187908  -107.732777
0.56334   -53.741016   -85.631080    -2.213131
-0.004452    -1.940370  -155.452625

ELEM      214 ========== LENGTH
=     2.977780

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    7.323219    37.248967     0.607599
 0.001458     0.680062    44.702068
0.57743    7.323219    37.248967     0.607599
 0.001458     0.485209    29.148262
0.71828    7.323219    37.248967     0.607599
 0.001458     0.170357    13.688527
0.85914    7.323219    37.248967     0.607599
 0.001458     0.108667     2.786783
1.00000    7.323219    37.248967     0.607599
 0.001458     0.429243     2.416706

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -1.306345   -31.360380    -0.764279
-1.67E-05    -0.853130   -59.806672
0.57743   -1.306345   -31.360380    -0.764279
-1.67E-05    -0.532557   -46.750595
0.71828   -1.306345   -31.360380    -0.764279
-1.67E-05    -0.211988   -33.775335
0.85914   -1.306345   -31.360380    -0.764279
-1.67E-05    -0.084510   -21.384270
1.00000   -1.306345   -31.360380    -0.764279
-1.67E-05    -0.339381   -19.364790

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    7.768892    63.829819     0.855354
 0.007570     0.956256   114.970342
0.57743    7.768892    63.829819     0.855354
 0.007570     0.597512    89.845199
0.71828    7.768892    63.829819     0.855354
 0.007570     0.238794    75.824152
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2388

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.85914    7.768892    63.829819     0.855354
 0.007570     0.185300    81.981739
1.00000    7.768892    63.829819     0.855354
 0.007570     0.674476   101.572738

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -16.535302   -114.644511    -1.171381
-0.005746    -1.311448  -103.882259
0.57743   -16.535302   -114.644511    -1.171381
-0.005746    -0.820130   -61.598674
0.71828   -16.535302   -114.644511    -1.171381
-0.005746    -0.328892   -41.588941
0.85914   -16.535302   -114.644511    -1.171381
-0.005746    -0.149687   -26.327513
1.00000   -16.535302   -114.644511    -1.171381
-0.005746    -0.492696   -12.315389

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    9.177165    71.397539     0.915699
 0.005489     1.022293   118.881128
0.57743    9.177165    71.397539     0.915699
 0.005489     0.638208    94.703654
0.71828    9.177165    71.397539     0.915699
 0.005489     0.254077    78.320054
0.85914    9.177165    71.397539     0.915699
 0.005489     0.193628    76.366520
1.00000    9.177165    71.397539     0.915699
 0.005489     0.741821    88.964302

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -13.298350   -122.900549    -1.310660
-0.004487    -1.471439  -132.122705
0.57743   -13.298350   -122.900549    -1.310660
-0.004487    -0.921690   -84.806218
0.71828   -13.298350   -122.900549    -1.310660
-0.004487    -0.372114   -52.825907
0.85914   -13.298350   -122.900549    -1.310660
-0.004487    -0.149932   -23.465420
1.00000   -13.298350   -122.900549    -1.310660
-0.004487    -0.523421   -14.438337

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   14.499187    71.628345     0.867695
 0.004560     0.968521   121.914913
0.57743   14.499187    71.628345     0.867695
 0.004560     0.604571    96.666941
0.71828   14.499187    71.628345     0.867695
 0.004560     0.240588    77.938884
0.85914   14.499187    71.628345     0.867695
 0.004560     0.183066    71.337152
1.00000   14.499187    71.628345     0.867695
 0.004560     0.702535    77.277070

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -12.784755   -106.147263    -1.244035
-0.004205    -1.396510  -130.215780
0.57743   -12.784755   -106.147263    -1.244035
-0.004205    -0.874711   -89.693615
0.71828   -12.784755   -106.147263    -1.244035
-0.004205    -0.353060   -62.173200
0.85914   -12.784755   -106.147263    -1.244035
-0.004205    -0.139894   -37.253910
1.00000   -12.784755   -106.147263    -1.244035
-0.004205    -0.495076   -29.512816

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    0.438323    13.697384     0.219602
 0.005001     0.242939    40.703514
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2389

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.57743    0.438323    13.697384     0.219602
 0.005001     0.150870    37.620945
0.71828    0.438323    13.697384     0.219602
 0.005001     0.058805    44.729099
0.85914    0.438323    13.697384     0.219602
 0.005001     0.070664    69.395322
1.00000    0.438323    13.697384     0.219602
 0.005001     0.237065   102.660397

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -13.979317   -92.786511    -0.401122
-0.005060    -0.453276   -57.065299
0.57743   -13.979317   -92.786511    -0.401122
-0.005060    -0.285034   -23.130815
0.71828   -13.979317   -92.786511    -0.401122
-0.005060    -0.116897    -7.974462
0.85914   -13.979317   -92.786511    -0.401122
-0.005060    -0.058458    -2.163748
1.00000   -13.979317   -92.786511    -0.401122
-0.005060    -0.137188    -2.027323

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    8.052708    30.203711     0.365636
 0.004655     0.406129    58.116696
0.57743    8.052708    30.203711     0.365636
 0.004655     0.252759    51.836219
0.71828    8.052708    30.203711     0.365636
 0.004655     0.099359    54.525101
0.85914    8.052708    30.203711     0.365636
 0.004655     0.099691    73.679364
1.00000    8.052708    30.203711     0.365636
 0.004655     0.363089   100.603189

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -11.439964   -107.739426    -0.635699
-0.005346    -0.719762   -92.650991
0.57743   -11.439964   -107.739426    -0.635699
-0.005346    -0.453132   -52.666030
0.71828   -11.439964   -107.739426    -0.635699
-0.005346    -0.186697   -30.348450
0.85914   -11.439964   -107.739426    -0.635699
-0.005346    -0.076927   -11.405757
1.00000   -11.439964   -107.739426    -0.635699
-0.005346    -0.218077   -14.563716

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   10.470956    78.582303     0.751916
 0.004132     0.838761   151.473282
0.57743   10.470956    78.582303     0.751916
 0.004132     0.523368   124.444043
0.71828   10.470956    78.582303     0.751916
 0.004132     0.207939   103.473205
0.85914   10.470956    78.582303     0.751916
 0.004132     0.163374    94.703409
1.00000   10.470956    78.582303     0.751916
 0.004132     0.631898    93.138180

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -17.313394   -106.449827    -1.123136
-0.003976    -1.264020   -116.368336
0.57743   -17.313394   -106.449827    -1.123136
-0.003976    -0.792950    -75.683899
0.71828   -17.313394   -106.449827    -1.123136
-0.003976    -0.322050    -47.724584
0.85914   -17.313394   -106.449827    -1.123136
-0.003976    -0.123624    -23.227666
1.00000   -17.313394   -106.449827    -1.123136
-0.003976    -0.430416    -18.982808
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2390

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   11.307895    76.591509     0.730464
 0.003458     0.814214   150.077585
0.57743   11.307895    76.591509     0.730464
 0.003458     0.507807   122.785541
0.71828   11.307895    76.591509     0.730464
 0.003458     0.201370   100.883923
0.85914   11.307895    76.591509     0.730464
 0.003458     0.158483    88.991974
1.00000   11.307895    76.591509     0.730464
 0.003458     0.614923    82.973922

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -16.645065   -90.753283    -1.092656
-0.003782    -1.228015  -115.002795
0.57743   -16.645065   -90.753283    -1.092656
-0.003782    -0.769715   -80.314267
0.71828   -16.645065   -90.753283    -1.092656
-0.003782    -0.311552   -56.319301
0.85914   -16.645065   -90.753283    -1.092656
-0.003782    -0.118514   -34.977640
1.00000   -16.645065   -90.753283    -1.092656
-0.003782    -0.417710   -30.918944

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    1.220790    16.397483     0.159754
 6.68E-06     0.176523    37.792543
0.57743    1.220790    16.397483     0.159754
 6.68E-06     0.109517    30.936971
0.71828    1.220790    16.397483     0.159754
 6.68E-06     0.042450    24.116293
0.85914    1.220790    16.397483     0.159754
 6.68E-06     0.035316    17.386364
1.00000    1.220790    16.397483     0.159754
 6.68E-06     0.140166    10.932638

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -4.117230    -3.146092    -0.249835
-0.000690    -0.279027   -26.811134
0.57743   -4.117230    -3.146092    -0.249835
-0.000690    -0.174236   -25.560505
0.71828   -4.117230    -3.146092    -0.249835
-0.000690    -0.069421   -24.358276
0.85914   -4.117230    -3.146092    -0.249835
-0.000690    -0.024458   -23.183213
1.00000   -4.117230    -3.146092    -0.249835
-0.000690    -0.091540   -22.043458

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   12.073701    31.676109     0.288950
 0.000193     0.320849    62.970815
0.57743   12.073701    31.676109     0.288950
 0.000193     0.199632    49.898303
0.71828   12.073701    31.676109     0.288950
 0.000193     0.078418    37.326434
0.85914   12.073701    31.676109     0.288950
 0.000193     0.062381    26.364148
1.00000   12.073701    31.676109     0.288950
 0.000193     0.246550    16.590917

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -5.863890   -13.832342    -0.443245
-0.001434    -0.497777   -54.955583
0.57743   -5.863890   -13.832342    -0.443245
-0.001434    -0.311860   -50.056758
0.71828   -5.863890   -13.832342    -0.443245
-0.001434    -0.125969   -46.364508
0.85914   -5.863890   -13.832342    -0.443245
-0.001434    -0.043616   -43.373237
1.00000   -5.863890   -13.832342    -0.443245
-0.001434    -0.164381   -41.071430
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2391

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    8.360296    38.898225     0.420228
 0.000306     0.465151    73.866906
0.57743    8.360296    38.898225     0.420228
 0.000306     0.288573    62.780276
0.71828    8.360296    38.898225     0.420228
 0.000306     0.112554    52.717498
0.85914    8.360296    38.898225     0.420228
 0.000306     0.094077    45.138411
1.00000    8.360296    38.898225     0.420228
 0.000306     0.385575    44.961397

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -8.281636   -57.661554    -0.698215
-0.001866    -0.787098   -94.789253
0.57743   -8.281636   -57.661554    -0.698215
-0.001866    -0.494269   -71.731009
0.71828   -8.281636   -57.661554    -0.698215
-0.001866    -0.201548   -50.485428
0.85914   -8.281636   -57.661554    -0.698215
-0.001866    -0.065168   -32.714898
1.00000   -8.281636   -57.661554    -0.698215
-0.001866    -0.240638   -34.975358

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657    8.702505    70.675483     0.632026
 0.003645     0.703257   147.999087
0.57743    8.702505    70.675483     0.632026
 0.003645     0.438144   123.147681
0.71828    8.702505    70.675483     0.632026
 0.003645     0.172988   104.602260
0.85914    8.702505    70.675483     0.632026
 0.003645     0.144932    97.629253
1.00000    8.702505    70.675483     0.632026
 0.003645     0.556369    96.714456

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -18.713354   -89.747681    -0.986005
-0.004378    -1.109348  -108.526832
0.57743   -18.713354   -89.747681    -0.986005
-0.004378    -0.695783   -74.675116
0.71828   -18.713354   -89.747681    -0.986005
-0.004378    -0.282342   -53.290153
0.85914   -18.713354   -89.747681    -0.986005
-0.004378    -0.108033   -34.557106
1.00000   -18.713354   -89.747681    -0.986005
-0.004378    -0.364663   -32.687382

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   15.040581    33.444528     0.950519
 0.001527     1.070108    41.469758
0.57743   15.040581    33.444528     0.950519
 0.001527     0.671371    27.680536
0.71828   15.040581    33.444528     0.950519
 0.001527     0.272555    14.211609
0.85914   15.040581    33.444528     0.950519
 0.001527     0.170558     3.935478
1.00000   15.040581    33.444528     0.950519
 0.001527     0.672951     2.815588

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -2.735056   -43.142774    -1.195714
-1.24E-05    -1.332688   -88.946769
0.57743   -2.735056   -43.142774    -1.195714
-1.24E-05    -0.830957   -71.088042
0.71828   -2.735056   -43.142774    -1.195714
-1.24E-05    -0.329275   -53.474497
0.85914   -2.735056   -43.142774    -1.195714
-1.24E-05    -0.125463   -37.754935
1.00000   -2.735056   -43.142774    -1.195714
-1.24E-05    -0.524339   -30.961296
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2392

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.43657   14.767072    57.486155     1.428177
 0.007568     1.591941   108.428541
0.57743   14.767072    57.486155     1.428177
 0.007568     0.993867    86.521726
0.71828   14.767072    57.486155     1.428177
 0.007568     0.395794    76.629364
0.85914   14.767072    57.486155     1.428177
 0.007568     0.282092    86.213926
1.00000   14.767072    57.486155     1.428177
 0.007568     1.058323   106.219196

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.43657   -19.005542   -124.545423    -1.850430
```

```
-0.006022    -2.066591  -137.527410
0.57743   -19.005542  -124.545423    -1.850430
-0.006022    -1.291133   -87.175713
0.71828   -19.005542  -124.545423    -1.850430
-0.006022    -0.517270   -60.537795
0.85914   -19.005542  -124.545423    -1.850430
-0.006022    -0.229606   -39.860470
1.00000   -19.005542  -124.545423    -1.850430
-0.006022    -0.821676   -25.245863

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    15.554337   68.779958    1.505757
0.005681    1.680029  126.150629
0.57743    15.554337   68.779958    1.505757
0.005681    1.049103  100.915741
0.71828    15.554337   68.779958    1.505757
0.005681    0.419045   84.766301
0.85914    15.554337   68.779958    1.505757
0.005681    0.297471   82.890917
1.00000    15.554337   68.779958    1.505757
0.005681    1.163231   97.265973

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -16.611575  -126.615675   -2.060529
-0.004779   -2.307227  -152.671419
0.57743   -16.611575  -126.615675   -2.060529
-0.004779   -1.443071  -101.224790
0.71828   -16.611575  -126.615675   -2.060529
-0.004779   -0.579058   -66.853572
0.85914   -16.611575  -126.615675   -2.060529
-0.004779   -0.231504   -36.658937
1.00000   -16.611575  -126.615675   -2.060529
-0.004779   -0.858603   -25.129849

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    20.268986   73.740922    1.431070
0.004720    1.597067  134.458868
0.57743    20.268986   73.740922    1.431070
0.004720    0.997329  106.734712
0.71828    20.268986   73.740922    1.431070
0.004720    0.398193   86.637871
0.85914    20.268986   73.740922    1.431070
0.004720    0.269267   78.637424
1.00000    20.268986   73.740922    1.431070
0.004720    1.131603   84.774266

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -16.088254  -109.729812   -2.006647
-0.004453   -2.245761  -148.221371
0.57743   -16.088254  -109.729812   -2.006647
-0.004453   -1.403936  -103.810257
0.71828   -16.088254  -109.729812   -2.006647
-0.004453   -0.562543   -73.733702
0.85914   -16.088254  -109.729812   -2.006647
-0.004453   -0.217516   -47.801058
1.00000   -16.088254  -109.729812   -2.006647
-0.004453   -0.814160   -38.219082
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2393

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    0.407317   14.672298    0.429645
0.004143    0.468183   46.552994
0.57743    0.407317   14.672298    0.429645
0.004143    0.288719   43.180338
0.71828    0.407317   14.672298    0.429645
0.004143    0.110729   49.017896
0.85914    0.407317   14.672298    0.429645
0.004143    0.098884   70.913573
1.00000    0.407317   14.672298    0.429645
0.004143    0.363352   98.234582

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -16.485763   -80.202124   -0.631811
-0.004445   -1.111151   -54.172163
0.57743   -16.485763   -80.202124   -0.631811
-0.004445   -0.446757   -22.296146
0.71828   -16.485763   -80.202124   -0.631811
-0.004445   -0.183846    -7.486604
0.85914   -16.485763   -80.202124   -0.631811
-0.004445   -0.089916    -2.261513
1.00000   -16.485763   -80.202124   -0.631811
-0.004445   -0.265006    -2.178166

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    7.937581   36.491505    0.649243
0.003953    0.715613   79.335200
0.57743    7.937581   36.491505    0.649243
0.003953    0.444062   67.965210
0.71828    7.937581   36.491505    0.649243
0.003953    0.173442   65.326681
0.85914    7.937581   36.491505    0.649243
0.003953    0.140817   76.780029
1.00000    7.937581   36.491505    0.649243
0.003953    0.581931   99.024126

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -13.865156   -91.941623   -1.027877
-0.004843   -1.155517   -83.552848
0.57743   -13.865156   -91.941623   -1.027877
-0.004843   -0.724414   -46.745672
0.71828   -13.865156   -91.941623   -1.027877
-0.004843   -0.293087   -26.259049
0.85914   -13.865156   -91.941623   -1.027877
-0.004843   -0.117735   -10.867041
1.00000   -13.865156   -91.941623   -1.027877
-0.004843   -0.385185   -13.883164

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    12.174398   79.475969    1.266524
0.003414    1.409632  162.971291
0.57743    12.174398   79.475969    1.266524
0.003414    0.878919  133.014473
0.71828    12.174398   79.475969    1.266524
0.003414    0.348559  108.987931
0.85914    12.174398   79.475969    1.266524
0.003414    0.249931   94.985680
1.00000    12.174398   79.475969    1.266524
0.003414    1.002886   91.541377

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -19.500171   -98.240394   -1.792763
-0.003374   -2.012542  -119.190248
0.57743   -19.500171   -98.240394   -1.792763
-0.003374   -1.260315   -79.441364
0.71828   -19.500171   -98.240394   -1.792763
-0.003374   -0.509257   -50.541724
0.85914   -19.500171   -98.240394   -1.792763
-0.003374   -0.194449   -26.213348
1.00000   -19.500171   -98.240394   -1.792763
-0.003374   -0.722695   -19.444705
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2394

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43651    13.199380   81.527641    1.234450
0.002859    1.373491  166.968003
0.57743    13.199380   81.527641    1.234450
0.002859    0.856134  135.738823
0.71828    13.199380   81.527641    1.234450
0.002859    0.338982  109.532671
0.85914    13.199380   81.527641    1.234450
0.002859    0.247788   91.778411
1.00000    13.199380   81.527641    1.234450
0.002859    0.997513   83.072031

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -19.608210   -85.171595   -1.785151
-0.003289   -2.003309  -119.850545
0.57743   -19.608210   -85.171595   -1.785151
-0.003289   -1.254343   -85.478806
0.71828   -19.608210   -85.171595   -1.785151
-0.003289   -0.505759   -60.249916
0.85914   -19.608210   -85.171595   -1.785151
-0.003289   -0.188217   -38.738041
1.00000   -19.608210   -85.171595   -1.785151
-0.003289   -0.703705   -32.309998

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    2.344803   22.314874    0.288412
3.90E-06    0.318360    49.048256
0.57743    2.344803   22.314874    0.288412
3.90E-06    0.197407    39.973165
0.71828    2.344803   22.314874    0.288412
3.90E-06    0.076293   31.072919
0.85914    2.344803   22.314874    0.288412
3.90E-06    0.060577   22.506917
1.00000    2.344803   22.314874    0.288412
3.90E-06    0.251700   14.258941

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -7.721443   -6.051712   -0.455818
-0.000700   -0.512378   -31.818161
0.57743   -7.721443   -6.051712   -0.455818
-0.000700   -0.321166   -29.590980
0.71828   -7.721443   -6.051712   -0.455818
-0.000700   -0.129982   -27.571617
0.85914   -7.721443   -6.051712   -0.455818
-0.000700   -0.044110   -25.893359
1.00000   -7.721443   -6.051712   -0.455818
-0.000700   -0.165297   -24.458929

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    13.747249   43.070803    0.506693
0.000123    0.562946   83.357470
0.57743    13.747249   43.070803    0.506693
0.000123    0.350409   65.876687
0.71828    13.747249   43.070803    0.506693
0.000123    0.137964   48.959566
0.85914    13.747249   43.070803    0.506693
0.000123    0.113988   33.354601
1.00000    13.747249   43.070803    0.506693
0.000123    0.457528   19.513177

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -9.414991   -16.141876   -0.821638
-0.001414   -0.920167   -59.281358
0.57743   -9.414991   -16.141876   -0.821638
-0.001414   -0.575556   -53.271432
0.71828   -9.414991   -16.141876   -0.821638
-0.001414   -0.230805   -48.251045
0.85914   -9.414991   -16.141876   -0.821638
-0.001414   -0.075116   -44.975755
1.00000   -9.414991   -16.141876   -0.821638
-0.001414   -0.287327   -43.552115
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2395

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    9.592416   50.119996    0.721182
5.32E-06    0.799554  102.638955
0.57743    9.592416   50.119996    0.721182
5.32E-06    0.497024   84.397302
0.71828    9.592416   50.119996    0.721182
5.32E-06    0.194246   67.275555
0.85914    9.592416   50.119996    0.721182
5.32E-06    0.153789   53.249304
1.00000    9.592416   50.119996    0.721182
5.32E-06    0.648069   49.247265

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -13.364743   -49.879133   -1.177964
-0.001521   -1.326201   -88.748825
0.57743   -13.364743   -49.879133   -1.177964
-0.001521   -0.831630   -68.879539
0.71828   -13.364743   -49.879133   -1.177964
-0.001521   -0.337057   -49.848651
0.85914   -13.364743   -49.879133   -1.177964
-0.001521   -0.107368   -35.447818
1.00000   -13.364743   -49.879133   -1.177964
-0.001521   -0.409961   -37.310130

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    10.116644   78.280705    1.105125
0.002741    1.224682  170.143769
0.57743    10.116644   78.280705    1.105125
0.002741    0.761548  140.480388
0.71828    10.116644   78.280705    1.105125
0.002741    0.298984  116.383761
0.85914    10.116644   78.280705    1.105125
0.002741    0.226666  101.933062
1.00000    10.116644   78.280705    1.105125
0.002741    0.913128   95.986845

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -23.401375   -80.304933   -1.636284
-0.003610   -1.838670  -109.206369
0.57743   -23.401375   -80.304933   -1.636284
-0.003610   -1.152272   -77.173201
0.71828   -23.401375   -80.304933   -1.636284
-0.003610   -0.466891   -55.153391
0.85914   -23.401375   -80.304933   -1.636284
-0.003610   -0.175365   -38.221476
1.00000   -23.401375   -80.304933   -1.636284
-0.003610   -0.636109   -35.099599

COMB      DB ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    14.499187   78.582303    0.915699
0.007570    1.022293  151.473282
0.57743    14.499187   78.582303    0.915699
0.007570    0.638208  124.244043
0.71828    14.499187   78.582303    0.915699
0.007570    0.254077  104.602260
0.85914    14.499187   78.582303    0.915699
0.007570    0.193628   97.692263
1.00000    14.499187   78.582303    0.915699
0.007570    0.741821  102.660397

COMB      DB ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -18.713354  -122.900549   -1.310660
-0.005746   -1.471439  -132.122705
0.57743   -18.713354  -122.900549   -1.310660
-0.005746   -0.921690   -89.693615
0.71828   -18.713354  -122.900549   -1.310660
-0.005746   -0.372114   -62.173200
0.85914   -18.713354  -122.900549   -1.310660
-0.005746   -0.149932   -43.373237
1.00000   -18.713354  -122.900549   -1.310660
-0.005746   -0.523421   -41.071430
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2396

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    20.268986   81.527641    1.505757
0.007568    1.680029  170.143769
0.57743    20.268986   81.527641    1.505757
0.007568    1.049103  140.480388
0.71828    20.268986   81.527641    1.505757
0.007568    0.419045  116.383761
0.85914    20.268986   81.527641    1.505757
0.007568    0.297471  101.933062
1.00000    20.268986   81.527641    1.505757
0.007568    1.163231  106.219196

COMB      DL ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -23.401375   -126.615675   -2.060529
-0.006022   -2.307227  -152.671419
0.57743   -23.401375   -126.615675   -2.060529
-0.006022   -1.443071  -103.810257
0.71828   -23.401375   -126.615675   -2.060529
-0.006022   -0.579058   -73.733702
0.85914   -23.401375   -126.615675   -2.060529
-0.006022   -0.231504   -47.801058
1.00000   -23.401375   -126.615675   -2.060529
-0.006022   -0.858603   -43.552115

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    20.268986   81.527641    1.505757
0.007570    1.680029  170.143769
0.57743    20.268986   81.527641    1.505757
0.007570    1.049103  140.480388
0.71828    20.268986   81.527641    1.505757
0.007570    0.419045  116.383761
0.85914    20.268986   81.527641    1.505757
0.007570    0.297471  101.933062
1.00000    20.268986   81.527641    1.505757
0.007570    1.163231  106.219196

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -23.401375   -126.615675   -2.060529
-0.006022   -2.307227  -152.671419
0.57743   -23.401375   -126.615675   -2.060529
-0.006022   -1.443071  -103.810257
0.71828   -23.401375   -126.615675   -2.060529
-0.006022   -0.579058   -73.733702
0.85914   -23.401375   -126.615675   -2.060529
-0.006022   -0.231504   -47.801058
1.00000   -23.401375   -126.615675   -2.060529
-0.006022   -0.858603   -43.552115

COMB   DESIGN ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43657    20.268986   81.527641    1.505757
0.007570    1.680029  170.143769
0.57743    20.268986   81.527641    1.505757
0.007570    1.049103  140.480388
0.71828    20.268986   81.527641    1.505757
0.007570    0.419045  116.383761
0.85914    20.268986   81.527641    1.505757
0.007570    0.297471  101.933062
1.00000    20.268986   81.527641    1.505757
0.007570    1.163231  106.219196

COMB   DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43657   -23.401375   -126.615675   -2.060529
-0.006022   -2.307227  -152.671419
0.57743   -23.401375   -126.615675   -2.060529
-0.006022   -1.443071  -103.810257
0.71828   -23.401375   -126.615675   -2.060529
-0.006022   -0.579058   -73.733702
0.85914   -23.401375   -126.615675   -2.060529
-0.006022   -0.231504   -47.801058
1.00000   -23.401375   -126.615675   -2.060529
-0.006022   -0.858603   -43.552115
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2397

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      215 ================ LENGTH =    2.976842

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.318485   36.858393    0.608543
0.001428    0.340534    2.412553
0.14082    7.318485   36.858393    0.608543
0.001428    0.085328    6.903043
0.28165    7.318485   36.858393    0.608543
0.001428    0.204609   19.532577
0.42247    7.318485   36.858393    0.608543
0.001428    0.506125   32.554349
0.56330    7.318485   36.858393    0.608543
0.001428    0.807713   45.597983

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.280825   -31.272486   -0.719516
-7.11E-06   -0.398876   -19.375870
0.14082   -1.280825   -31.272486   -0.719516
-7.11E-06   -0.097277   -34.067116
0.28165   -1.280825   -31.272486   -0.719516
-7.11E-06   -0.169671   -49.344195
0.42247   -1.280825   -31.272486   -0.719516
-7.11E-06   -0.424789   -64.754416
0.56330   -1.280825   -31.272486   -0.719516
-7.11E-06   -0.679897   -80.188911

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.380502   128.346729    0.850317
0.007471    0.475745   101.927055
0.14082    7.380502   128.346729    0.850317
0.007471    0.127332    82.710286
0.28165    7.380502   128.346729    0.850317
0.007471    0.323736    71.519215
0.42247    7.380502   128.346729    0.850317
0.007471    0.805426    82.831501
0.56330    7.380502   128.346729    0.850317
0.007471    1.287241   104.057273

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -18.413545   -53.454711   -1.168676
-0.005812   -0.678388   -12.289871
0.14082   -18.413545   -53.454711   -1.168676
-0.005812   -0.189937   -32.959404
0.28165   -18.413545   -53.454711   -1.168676
-0.005812   -0.237144   -55.685318
0.42247   -18.413545   -53.454711   -1.168676
-0.005812   -0.593649   -86.378370
0.56330   -18.413545   -53.454711   -1.168676
-0.005812   -0.950109  -137.358064

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    8.977241   115.192602    0.884436
0.005422    0.492604    89.196845
0.14082    8.977241   115.192602    0.884436
0.005422    0.127155    91.148515
0.28165    8.977241   115.192602    0.884436
0.005422    0.372187   101.632080
0.42247    8.977241   115.192602    0.884436
0.005422    0.929460   128.190453
0.56330    8.977241   115.192602    0.884436
0.005422    1.486769   161.546580

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -14.590767   -81.713687   -1.342708
-0.004103   -0.768806   -14.410683
0.14082   -14.590767   -81.713687   -1.342708
-0.004103   -0.206982   -39.028204
0.28165   -14.590767   -81.713687   -1.342708
-0.004103   -0.248899   -66.173493
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2398

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.42247   -14.590767   -81.713687   -1.342708
-0.004103   -0.619734   -98.720292
0.56330   -14.590767   -81.713687   -1.342708
-0.004103   -0.990489  -145.093321

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    14.343003   108.002733    0.839639
0.004505    0.468636    77.476819
0.14082    14.343003   108.002733    0.839639
0.004505    0.123043    76.244293
0.28165    14.343003   108.002733    0.839639
0.004505    0.353048    85.284136
0.42247    14.343003   108.002733    0.839639
0.004505    0.881511   108.057470
0.56330    14.343003   108.002733    0.839639
0.004505    1.410005   136.851336

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -13.861478   -72.077669   -1.271705
-0.004072   -0.725849   -29.493046
0.14082   -13.861478   -72.077669   -1.271705
-0.004072   -0.193575   -49.708813
0.28165   -13.861478   -72.077669   -1.271705
-0.004072   -0.235691   -72.125676
0.42247   -13.861478   -72.077669   -1.271705
-0.004072   -0.587637   -99.427144
0.56330   -13.861478   -72.077669   -1.271705
-0.004072   -0.939586  -139.411959

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.121061   68.263650    0.189352
0.004804    0.104114  102.954202
0.14082    0.121061   68.263650    0.189352
0.004804    0.031895   92.369290
0.28165    0.121061   68.263650    0.189352
0.004804    0.122150   82.342265
0.42247    0.121061   68.263650    0.189352
0.004804    0.308854   90.920415
0.56330    0.121061   68.263650    0.189352
0.004804    0.495632  107.571235

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -15.586134   -41.942192   -0.461835
-0.004859   -0.283721    -2.016093
0.14082   -15.586134   -41.942192   -0.461835
-0.004859   -0.091397    -4.042640
0.28165   -15.586134   -41.942192   -0.461835
-0.004859   -0.054701    -6.745265
0.42247   -15.586134   -41.942192   -0.461835
-0.004859   -0.134075   -16.077877
0.56330   -15.586134   -41.942192   -0.461835
-0.004859   -0.213413   -42.364139

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.839038   81.003481    0.331783
0.004472    0.183966  100.878217
0.14082    7.839038   81.003481    0.331783
0.004472    0.053495   96.219083
0.28165    7.839038   81.003481    0.331783
0.004472    0.195326   94.103335
0.42247    7.839038   81.003481    0.331783
0.004472    0.492722  110.284480
0.56330    7.839038   81.003481    0.331783
0.004472    0.790124  134.466937

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -12.959101   -60.748658   -0.724526
-0.005001   -0.429490   -14.552696
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2399

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.14082   -12.959101   -60.748658   -0.724526
-0.005001   -0.126694   -21.117628
0.28165   -12.959101   -60.748658   -0.724526
-0.005001   -0.094517   -28.397554
0.42247   -12.959101   -60.748658   -0.724526
-0.005001   -0.233587   -42.347054
0.56330   -12.959101   -60.748658   -0.724526
-0.005001   -0.372614   -73.132233

COMB DB-G2-3 ---------- MAX
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REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.329449	113.953035	0.720830
0.004293	0.401664	93.318215	
0.14082	10.329449	113.953035	0.720830
0.004293	0.105973	85.114932	
0.28165	10.329449	113.953035	0.720830
0.004293	0.325825	94.505559	
0.42247	10.329449	113.953035	0.720830
0.004293	0.815800	118.008966	
0.56330	10.329449	113.953035	0.720830
0.004293	1.305799	147.461728	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.366040	-73.287178	-1.179545
-0.003633	-0.675478	-18.961150	
0.14082	-18.366040	-73.287178	-1.179545
-0.003633	-0.181810	-26.184306	
0.28165	-18.366040	-73.287178	-1.179545
-0.003633	-0.202965	-54.566314	
0.42247	-18.366040	-73.287178	-1.179545
-0.003633	-0.505132	-97.766532	
0.56330	-18.366040	-73.287178	-1.179545
-0.003633	-0.807252	-133.088167	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.194202	106.285257	0.692188
0.003591	0.385158	83.130938	
0.14082	11.194202	106.285257	0.692188
0.003591	0.100191	71.539292	
0.28165	11.194202	106.285257	0.692188
0.003591	0.314000	79.413097	
0.42247	11.194202	106.285257	0.692188
0.003591	0.786206	99.292483	
0.56330	11.194202	106.285257	0.692188
0.003591	1.258421	124.163918	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.531915	-62.991155	-1.135397
-0.003718	-0.648264	-30.903513	
0.14082	-17.531915	-62.991155	-1.135397
-0.003718	-0.172940	-36.475559	
0.28165	-17.531915	-62.991155	-1.135397
-0.003718	-0.195331	-59.643543	
0.42247	-17.531915	-62.991155	-1.135397
-0.003718	-0.485485	-86.766403	
0.56330	-17.531915	-62.991155	-1.135397
-0.003718	-0.775657	-124.234967	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.223116	16.576364	0.140404
9.42E-06	0.078058	10.941071	
0.14082	1.223116	16.576364	0.140404
9.42E-06	0.019386	5.873739	
0.28165	1.223116	16.576364	0.140404
9.42E-06	0.068504	3.289731	
0.42247	1.223116	16.576364	0.140404
9.42E-06	0.171732	2.184218	
0.56330	1.223116	16.576364	0.140404
9.42E-06	0.274938	3.001217	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2400

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.126078	-3.101942	-0.246212
-0.001084	-0.137926	-22.047474	
0.14082	-4.126078	-3.101942	-0.246212
-0.001084	-0.034570	-20.956109	
0.28165	-4.126078	-3.101942	-0.246212
-0.001084	-0.039800	-19.948561	
0.42247	-4.126078	-3.101942	-0.246212
-0.001084	-0.039657	-19.018343	
0.56330	-4.126078	-3.101942	-0.246212
-0.001084	-0.157515	-18.281064	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.086732	33.895798	0.266760
0.000185	0.149759	16.616312	
0.14082	12.086732	33.895798	0.266760
0.000185	0.043126	8.854084	
0.28165	12.086732	33.895798	0.266760
0.000185	0.037737	12.161243	
0.42247	12.086732	33.895798	0.266760
0.000185	0.315845	8.758068	
0.56330	12.086732	33.895798	0.266760
0.000185	0.505400	12.499495	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.937374	-12.161243	-0.452805
-0.001989	-0.254099	-41.079522	
0.14082	-5.937374	-12.161243	-0.452805
-0.001989	-0.064125	-39.813176	
0.28165	-5.937374	-12.161243	-0.452805
-0.001989	-0.074384	-40.382908	
0.42247	-5.937374	-12.161243	-0.452805
-0.001989	-0.186078	-42.226329	
0.56330	-5.937374	-12.161243	-0.452805
-0.001989	-0.297848	-45.978129	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.426340	42.395070	0.364820
0.000294	0.201934	44.981816	
0.14082	8.426340	42.395070	0.364820
0.000294	0.051328	55.399615	
0.28165	8.426340	42.395070	0.364820
0.000294	0.207470	70.669335	
0.42247	8.426340	42.395070	0.364820
0.000294	0.522573	91.766763	
0.56330	8.426340	42.395070	0.364820
0.000294	0.837665	113.914133	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.411661	-55.240996	-0.752660
-0.001822	-0.424867	-34.973055	
0.14082	-8.411661	-55.240996	-0.752660
-0.001822	-0.109370	-40.463165	
0.28165	-8.411661	-55.240996	-0.752660
-0.001822	-0.104229	-46.151815	
0.42247	-8.411661	-55.240996	-0.752660
-0.001822	-0.251112	-52.675156	
0.56330	-8.411661	-55.240996	-0.752660
-0.001822	-0.409988	-61.146230	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.560714	105.992287	0.587032
0.003753	0.326587	96.905976	
0.14082	8.560714	105.992287	0.587032
0.003753	0.086459	79.764819	
0.28165	8.560714	105.992287	0.587032
0.003753	0.286504	77.720143	
0.42247	8.560714	105.992287	0.587032
0.003753	0.718978	94.061185	
0.56330	8.560714	105.992287	0.587032
0.003753	1.151444	116.309629	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2401

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.783692	-56.848718	-1.042218
-0.004436	-0.599490	-32.675837	
0.14082	-19.783692	-56.848718	-1.042218
-0.004436	-0.163212	-34.033714	
0.28165	-19.783692	-56.848718	-1.042218
-0.004436	-0.165829	-51.567667	
0.42247	-19.783692	-56.848718	-1.042218
-0.004436	-0.411893	-75.012728	
0.56330	-19.783692	-56.848718	-1.042218
-0.004436	-0.657940	-110.298936	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.023822	33.102155	1.042260
0.001575	0.590719	2.809462	
0.14082	15.023822	33.102155	1.042260
0.001575	0.153716	6.365432	
0.28165	15.023822	33.102155	1.042260
0.001575	0.313900	22.052078	
0.42247	15.023822	33.102155	1.042260
0.001575	0.773404	39.447767	
0.56330	15.023822	33.102155	1.042260
0.001575	1.232755	57.213760	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.706354	-43.047667	-1.095647
-4.23E-06	-0.603910	-43.056255	
0.14082	-2.706354	-43.047667	-1.095647
-4.23E-06	-0.143259	-33.079179	
0.28165	-2.706354	-43.047667	-1.095647
-4.23E-06	-0.283136	-44.790164	
0.42247	-2.706354	-43.047667	-1.095647
-4.23E-06	-0.719963	-58.089183	
0.56330	-2.706354	-43.047667	-1.095647
-4.23E-06	-1.156920	-71.719524	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.298563	119.968827	1.441032
0.008026	0.813996	106.273818	
0.14082	14.298563	119.968827	1.441032
0.008026	0.226957	84.367161	
0.28165	14.298563	119.968827	1.441032
0.008026	0.512524	76.247907	
0.42247	14.298563	119.968827	1.441032
0.008026	1.282960	90.510956	
0.56330	14.298563	119.968827	1.441032
0.008026	2.052618	115.763261	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.928744	-64.582814	-1.853378
-0.005800	-1.063613	-25.231485	
0.14082	-21.928744	-64.582814	-1.853378
-0.005800	-0.287394	-31.303219	
0.28165	-21.928744	-64.582814	-1.853378
-0.005800	-0.397829	-48.878305	
0.42247	-21.928744	-64.582814	-1.853378
-0.005800	-1.001961	-77.590064	
0.56330	-21.928744	-64.582814	-1.853378
-0.005800	-1.605979	-126.296782	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.275952	113.132922	1.505393
0.006025	0.846687	97.298758	
0.14082	15.275952	113.132922	1.505393
0.006025	0.227008	92.696443	
0.28165	15.275952	113.132922	1.505393
0.006025	0.577909	101.707895	
0.42247	15.275952	113.132922	1.505393
0.006025	1.450054	126.967427	
0.56330	15.275952	113.132922	1.505393
0.006025	2.320529	160.042167	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2402

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.717119	-84.371456	-2.088031
-0.004305	-1.185802	-25.100826	
0.14082	-18.717119	-84.371456	-2.088031
-0.004305	-0.309494	-37.699719	
0.28165	-18.717119	-84.371456	-2.088031
-0.004305	-0.417409	-60.640621	
0.42247	-18.717119	-84.371456	-2.088031
-0.004305	-1.049005	-91.756329	
0.56330	-18.717119	-84.371456	-2.088031
-0.004305	-1.680090	-137.079640	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.046951	110.616712	1.442636
0.005006	0.812840	84.809689	
0.14082	20.046951	110.616712	1.442636
0.005006	0.218297	77.508596	
0.28165	20.046951	110.616712	1.442636
0.005006	0.553039	85.617753	
0.42247	20.046951	110.616712	1.442636
0.005006	1.402101	107.933479	
0.56330	20.046951	110.616712	1.442636
0.005006	2.243567	136.878404	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.851111	-74.841404	-2.016252
-0.004229	-1.141211	-38.200794	
0.14082	-17.851111	-74.841404	-2.016252
-0.004229	-0.295351	-50.411765	
0.28165	-17.851111	-74.841404	-2.016252
-0.004229	-0.398394	-74.242039	
0.42247	-17.851111	-74.841404	-2.016252
-0.004229	-1.003413	-105.126342	
0.56330	-17.851111	-74.841404	-2.016252
-0.004229	-1.608278	-147.884256	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097154	58.888527	0.335476
0.004350	0.185607	98.271500	
0.14082	0.097154	58.888527	0.335476
0.004350	0.057269	90.269975	
0.28165	0.097154	58.888527	0.335476
0.004350	0.197141	82.799672	
0.42247	0.097154	58.888527	0.335476
0.004350	0.505596	89.874799	
0.56330	0.097154	58.888527	0.335476
0.004350	0.814201	104.537507	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.563952	-38.638464	-0.748436
-0.004063	-0.446965	-2.164085	
0.14082	-18.563952	-38.638464	-0.748436
-0.004063	-0.134874	-3.916852	
0.28165	-18.563952	-38.638464	-0.748436
-0.004063	-0.098610	-6.435452	
0.42247	-18.563952	-38.638464	-0.748436
-0.004063	-0.239110	-15.762997	
0.56330	-18.563952	-38.638464	-0.748436
-0.004063	-0.379683	-39.032442	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.718340	78.785599	0.579104
0.004151	0.323218	99.063500	
0.14082	7.718340	78.785599	0.579104
0.004151	0.092829	93.844921	
0.28165	7.718340	78.785599	0.579104
0.004151	0.306562	91.262519	
0.42247	7.718340	78.785599	0.579104
0.004151	0.778311	103.296200	
0.56330	7.718340	78.785599	0.579104
0.004151	1.249998	122.851187	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2403

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.900508	-52.578203	-1.135505
-0.004341	-0.659363	-13.868505	
0.14082	-15.900508	-52.578203	-1.135505
-0.004341	-0.183538	-22.428663	
0.28165	-15.900508	-52.578203	-1.135505
-0.004341	-0.164333	-32.449855	
0.42247	-15.900508	-52.578203	-1.135505
-0.004341	-0.407438	-49.205673	
0.56330	-15.900508	-52.578203	-1.135505
-0.004341	-0.650196	-79.357711	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.032868	106.344773	1.220877
0.003892	0.683628	91.552578	
0.14082	12.032868	106.344773	1.220877
0.003892	0.179939	83.526206	
0.28165	12.032868	106.344773	1.220877
0.003892	0.515972	95.891119	
0.42247	12.032868	106.344773	1.220877
0.003892	1.298093	118.998490	
0.56330	12.032868	106.344773	1.220877
0.003892	2.080301	147.336861	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.813698	-72.772303	-1.872114
-0.002938	-1.061931	-101.418358	
0.14082	-20.813698	-72.772303	-1.872114
-0.002938	-0.276364	-25.826002	
0.28165	-20.813698	-72.772303	-1.872114
-0.002938	-0.341278	-53.958895	
0.42247	-20.813698	-72.772303	-1.872114
-0.002938	-0.853473	-87.262173	
0.56330	-20.813698	-72.772303	-1.872114
-0.002938	-1.365288	-129.388604	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.090463	104.164659	1.181343
0.003258	0.660253	83.089593	
0.14082	13.090463	104.164659	1.181343
0.003258	0.171517	70.615800	
0.28165	13.090463	104.164659	1.181343
0.003258	0.511964	81.091723	
0.42247	13.090463	104.164659	1.181343
0.003258	1.291134	101.118394	
0.56330	13.090463	104.164659	1.181343
0.003258	2.062391	125.563776	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.729542	-63.846211	-1.854463
-0.003177	-1.049157	-32.292578	
0.14082	-20.729542	-63.846211	-1.854463
-0.003177	-0.271191	-37.144053	
0.28165	-20.729542	-63.846211	-1.854463
-0.003177	-0.386459	-64.319213	
0.42247	-20.729542	-63.846211	-1.854463
-0.003177	-0.826015	-96.450773	
0.56330	-20.729542	-63.846211	-1.854463
-0.003177	-1.321376	-136.025169	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.360670	22.542152	0.240179
6.78E-06	0.131231	14.270398	
0.14082	2.360670	22.542152	0.240179
6.78E-06	0.030339	7.210252	
0.28165	2.360670	22.542152	0.240179
6.78E-06	0.132591	4.183169	
0.42247	2.360670	22.542152	0.240179
6.78E-06	0.334687	4.840499	
0.56330	2.360670	22.542152	0.240179
6.78E-06	0.537027	6.089320	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2404

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.757295	-6.074168	-0.482138
-0.001159	-0.270658	-24.466323	
0.14082	-7.757295	-6.074168	-0.482138
-0.001159	-0.068116	-23.622426	
0.28165	-7.757295	-6.074168	-0.482138
-0.001159	-0.069465	-25.824198	
0.42247	-7.757295	-6.074168	-0.482138
-0.001159	-0.170261	-31.303540	
0.56330	-7.757295	-6.074168	-0.482138
-0.001159	-0.271136	-37.151979	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.764913	44.634620	0.488027
0.000129	0.274015	19.534024	
0.14082	13.764913	44.634620	0.488027
0.000129	0.072180	9.601956	
0.28165	13.764913	44.634620	0.488027
0.000129	0.219292	7.163132	
0.42247	13.764913	44.634620	0.488027
0.000129	0.577961	10.630902	
0.56330	13.764913	44.634620	0.488027
0.000129	0.925722	15.665527	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.528715	-15.259458	-0.828862
-0.001977	-0.463215	-43.564255	
0.14082	-9.528715	-15.259458	-0.828862
-0.001977	-0.114998	-45.685069	
0.28165	-9.528715	-15.259458	-0.828862
-0.001977	-0.134844	-53.732913	
0.42247	-9.528715	-15.259458	-0.828862
-0.001977	-0.339419	-66.209257	
0.56330	-9.528715	-15.259458	-0.828862
-0.001977	-0.544205	-79.695242	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.682213	50.473441	0.645327
7.75E-06	0.356467	49.254119	
0.14082	9.682213	50.473441	0.645327
7.75E-06	0.086211	56.054772	
0.28165	9.682213	50.473441	0.645327
7.75E-06	0.345994	69.399926	
0.42247	9.682213	50.473441	0.645327
7.75E-06	0.873363	87.439285	
0.56330	9.682213	50.473441	0.645327
7.75E-06	1.401407	106.584909	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.445999	-50.642772	-1.257455
-0.001604	-0.705357	-37.308413	
0.14082	-13.445999	-50.642772	-1.257455
-0.001604	-0.175586	-44.753467	
0.28165	-13.445999	-50.642772	-1.257455
-0.001604	-0.183638	-56.741353	
0.42247	-13.445999	-50.642772	-1.257455
-0.001604	-0.454469	-72.126366	
0.56330	-13.445999	-50.642772	-1.257455
-0.001604	-0.724983	-87.854688	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.005737	103.014169	1.007068
0.003117	0.560201	96.013585	
0.14082	10.005737	103.014169	1.007068
0.003117	0.144870	79.950690	
0.28165	10.005737	103.014169	1.007068
0.003117	0.477841	81.202243	
0.42247	10.005737	103.014169	1.007068
0.003117	1.206501	96.980498	
0.56330	10.005737	103.014169	1.007068
0.003117	1.935894	118.309139	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2405

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.637486	-57.140796	-1.744978
-0.003626	-0.992243	-35.086927	
0.14082	-24.637486	-57.140796	-1.744978
-0.003626	-0.260024	-37.776420	
0.28165	-24.637486	-57.140796	-1.744978
-0.003626	-0.284985	-58.868967	
0.42247	-24.637486	-57.140796	-1.744978
-0.003626	-0.707332	-88.489376	
0.56330	-24.637486	-57.140796	-1.744978
-0.003626	-1.129509	-126.446295	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.343003	128.346729	0.884436
0.007471	0.492604	102.954202	
0.14082	14.343003	128.346729	0.884436
0.007471	0.127332	96.219083	
0.28165	14.343003	128.346729	0.884436
0.007471	0.372187	101.632080	
0.42247	14.343003	128.346729	0.884436
0.007471	0.929460	128.190453	
0.56330	14.343003	128.346729	0.884436
0.007471	1.486769	161.546580	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.783692	-81.713687	-1.342708
-0.005812	-0.776806	-41.779522	
0.14082	-19.783692	-81.713687	-1.342708
-0.005812	-0.206982	-49.708813	
0.28165	-19.783692	-81.713687	-1.342708
-0.005812	-0.248899	-72.125676	
0.42247	-19.783692	-81.713687	-1.342708
-0.005812	-0.619734	-99.435244	
0.56330	-19.783692	-81.713687	-1.342708
-0.005812	-0.990489	-145.093321	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.046951	119.968827	1.505393
0.008026	0.846687	106.273818	
0.14082	20.046951	119.968827	1.505393
0.008026	0.227008	93.844921	
0.28165	20.046951	119.968827	1.505393
0.008026	0.577909	101.707895	
0.42247	20.046951	119.968827	1.505393
0.008026	1.450054	126.967427	
0.56330	20.046951	119.968827	1.505393
0.008026	2.320529	160.042167	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.637486	-84.371456	-2.088031
-0.005800	-1.185802	-43.564255	
0.14082	-24.637486	-84.371456	-2.088031
-0.005800	-0.309494	-50.411765	
0.28165	-24.637486	-84.371456	-2.088031
-0.005800	-0.417409	-74.242039	
0.42247	-24.637486	-84.371456	-2.088031
-0.005800	-1.049005	-105.126342	
0.56330	-24.637486	-84.371456	-2.088031
-0.005800	-1.680090	-147.884256	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.046951	128.346729	1.505393
0.008026	0.846687	106.273818	
0.14082	20.046951	128.346729	1.505393
0.008026	0.227008	96.219083	
0.28165	20.046951	128.346729	1.505393
0.008026	0.577909	101.707895	
0.42247	20.046951	128.346729	1.505393
0.008026	1.450054	128.190453	
0.56330	20.046951	128.346729	1.505393
0.008026	2.320529	161.546580	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2406

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.637486	-84.371456	-2.088031
-0.005812	-1.185802	-43.564255	
0.14082	-24.637486	-84.371456	-2.088031
-0.005812	-0.309494	-50.411765	

```
 0.28165   -24.637486   -84.371456    -2.088031
-0.005812   -0.417409   -74.242039
 0.42247   -24.637486   -84.371456    -2.088031
-0.005812   -1.049005  -105.126342
 0.56330   -24.637486   -84.371456    -2.088031
-0.005812   -1.680090  -147.884256

COMB  DESIGN  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.00000   20.046951   128.346729    1.505393
 0.008026    0.846687   106.273818
 0.14082   20.046951   128.346729    1.505393
 0.008026    0.227008    96.219083
 0.28165   20.046951   128.346729    1.505393
 0.008026    0.577909   101.707895
 0.42247   20.046951   128.346729    1.505393
 0.008026    1.450054   128.190453
 0.56330   20.046951   128.346729    1.505393
 0.008026    2.320529   161.546580

COMB  DESIGN  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.00000   -24.637486   -84.371456    -2.088031
-0.005812   -1.185802   -43.564255
 0.14082   -24.637486   -84.371456    -2.088031
-0.005812   -0.309494   -50.411765
 0.28165   -24.637486   -84.371456    -2.088031
-0.005812   -0.417409   -74.242039
 0.42247   -24.637486   -84.371456    -2.088031
-0.005812   -1.049005  -105.126342
 0.56330   -24.637486   -84.371456    -2.088031
-0.005812   -1.680090  -147.884256

ELEM      216  ==========  LENGTH
=     2.977556

COMB DB-G1-1  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    1.912125    58.051435    0.617412
 0.001339    0.690857    76.526610
 0.57745    1.912125    58.051435    0.617412
 0.001339    0.431122    52.229506
 0.71830    1.912125    58.051435    0.617412
 0.001339    0.172175    27.998245
 0.85915    1.912125    58.051435    0.617412
 0.001339    0.106524     4.254083
 1.00000    1.912125    58.051435    0.617412
 0.001339    0.422402     2.658254

COMB DB-G1-1  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -7.213154   -17.804698    -0.753295
-1.62E-05   -0.841296   -35.936490
 0.57745   -7.213154   -17.804698    -0.753295
-1.62E-05   -0.525381   -28.565098
 0.71830   -7.213154   -17.804698    -0.753295
-1.62E-05   -0.209477   -21.490597
 0.85915   -7.213154   -17.804698    -0.753295
-1.62E-05   -0.086692   -14.837131
 1.00000   -7.213154   -17.804698    -0.753295
-1.62E-05   -0.345685   -22.303411

COMB DB-G1-2  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    5.586421    86.278498    0.862789
 0.007699    0.964347   158.569626
 0.57745    5.586421    86.278498    0.862789
 0.007699    0.602503   124.323798
 0.71830    5.586421    86.278498    0.862789
 0.007699    0.240607   103.061995
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2407

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T          M2           M3
 0.85915    5.586421    86.278498    0.862789
 0.007699    0.194804   100.527412
 1.00000    5.586421    86.278498    0.862789
 0.007699    0.683323   113.201065

COMB DB-G1-2  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -11.869393   -102.129279    -1.176849
-0.006213   -1.293575   -72.094612
 0.57745   -11.869393   -102.129279    -1.176849
-0.006213   -0.808452   -40.720367
 0.71830   -11.869393   -102.129279    -1.176849
-0.006213   -0.323385   -9.346203
 0.85915   -11.869393   -102.129279    -1.176849
-0.006213   -0.134257   -19.745909
 1.00000   -11.869393   -102.129279    -1.176849
-0.006213   -0.483029   -12.750270

COMB DB-G1-3  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    8.377202    82.641595    0.835937
 0.005528    0.933164   154.369570
 0.57745    8.377202    82.641595    0.835937
 0.005528    0.582537   123.336216
 0.71830    8.377202    82.641595    0.835937
 0.005528    0.231867   101.749184
 0.85915    8.377202    82.641595    0.835937
 0.005528    0.194169    94.285496
 1.00000    8.377202    82.641595    0.835937
 0.005528    0.730529   106.841566

COMB DB-G1-3  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -10.427486   -123.398214    -1.281259
-0.004738   -1.420818   -113.711678
 0.57745   -10.427486   -123.398214    -1.281259
-0.004738   -0.889229    -69.892305
 0.71830   -10.427486   -123.398214    -1.281259
-0.004738   -0.357912    -37.696828
 0.85915   -10.427486   -123.398214    -1.281259
-0.004738   -0.127307    -18.248433
 1.00000   -10.427486   -123.398214    -1.281259
-0.004738   -0.469096    -13.373542

COMB DB-G1-4  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.846438    75.761736    0.782037
 0.004591    0.872665   143.045788
 0.57745    9.846438    75.761736    0.782037
 0.004591    0.544662   114.287758
 0.71830    9.846438    75.761736    0.782037
 0.004591    0.216615    93.414366
 0.85915    9.846438    75.761736    0.782037
 0.004591    0.183272    84.327221
 1.00000    9.846438    75.761736    0.782037
 0.004591    0.692118    92.077755

COMB DB-G1-4  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -9.274181   -113.807979    -1.215121
-0.004364   -1.347952   -131.224977
 0.57745   -9.274181   -113.807979    -1.215121
-0.004364   -0.843106    -90.363584
 0.71830   -9.274181   -113.807979    -1.215121
-0.004364   -0.338498    -59.543897
 0.85915   -9.274181   -113.807979    -1.215121
-0.004364   -0.118504    -39.833410
 1.00000   -9.274181   -113.807979    -1.215121
-0.004364   -0.439192    -31.940387

COMB DB-G2-1  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    4.548651    9.639102    0.181458
 0.005312    0.203108   45.513476
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2408

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T          M2           M3
 0.57745    4.548651    9.639102    0.181458
 0.005312    0.126996   44.071061
 0.71830    4.548651    9.639102    0.181458
 0.005312    0.050849   54.020332
 0.85915    4.548651    9.639102    0.181458
 0.005312    0.076480   81.370040
 1.00000    4.548651    9.639102    0.181458
 0.005312    0.246048  119.071296

COMB DB-G2-1  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -3.054574   -99.366799    -0.406493
-0.005423   -0.438037   -52.287041
 0.57745   -3.054574   -99.366799    -0.406493
-0.005423   -0.274608   -20.151971
 0.71830   -3.054574   -99.366799    -0.406493
-0.005423   -0.111301    -4.357809
 0.85915   -3.054574   -99.366799    -0.406493
-0.005423   -0.036175    -2.857472
 1.00000   -3.054574   -99.366799    -0.406493
-0.005423   -0.101290    -2.722284

COMB DB-G2-2  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    8.986905    16.150732    0.253991
 0.004842    0.282578    54.587773
 0.57745    8.986905    16.150732    0.253991
 0.004842    0.176009    51.853573
 0.71830    8.986905    16.150732    0.253991
 0.004842    0.069392    59.966129
 0.85915    8.986905    16.150732    0.253991
 0.004842    0.101687    84.206697
 1.00000    8.986905    16.150732    0.253991
 0.004842    0.356129   120.847669

COMB DB-G2-2  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -2.674952  -127.346977    -0.609132
-0.005610   -0.667926  -105.059025
 0.57745   -2.674952  -127.346977    -0.609132
-0.005610   -0.419003   -60.810635
 0.71830   -2.674952  -127.346977    -0.609132
-0.005610   -0.170358   -30.323987
 0.85915   -2.674952  -127.346977    -0.609132
-0.005610   -0.047056   -14.604693
 1.00000   -2.674952  -127.346977    -0.609132
-0.005610   -0.143429   -14.201038

COMB DB-G2-3  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    8.801397    78.897088    0.657674
 0.004245    0.733727   173.250369
 0.57745    8.801397    78.897088    0.657674
 0.004245    0.457862   143.587031
 0.71830    8.801397    78.897088    0.657674
 0.004245    0.181970   121.821368
 0.85915    8.801397    78.897088    0.657674
 0.004245    0.164296   112.189583
 1.00000    8.801397    78.897088    0.657674
 0.004245    0.621359   114.212927

COMB DB-G2-3  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -9.059589  -116.406209    -1.091751
-0.004141   -1.211776  -115.461042
 0.57745   -9.059589  -116.406209    -1.091751
-0.004141   -0.758559   -73.308696
 0.71830   -9.059589  -116.406209    -1.091751
-0.004141   -0.305584   -41.082334
 0.85915   -9.059589  -116.406209    -1.091751
-0.004141   -0.100729   -22.777277
 1.00000   -9.059589  -116.406209    -1.091751
-0.004141   -0.369481   -18.251476
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2409

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.580031    73.270136    0.639814
 0.003552    0.713302   161.920837
 0.57745    9.580031    73.270136    0.639814
 0.003552    0.444934   134.080003
 0.71830    9.580031    73.270136    0.639814
 0.003552    0.176527   112.829687
 0.85915    9.580031    73.270136    0.639814
 0.003552    0.159469   101.709921
 1.00000    9.580031    73.270136    0.639814
 0.003552    0.606077   100.215660

COMB DB-G2-4  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -8.261693  -104.521155    -1.066436
-0.003883   -1.184314  -130.451751
 0.57745   -8.261693  -104.521155    -1.066436
-0.003883   -0.740962   -92.330131
 0.71830   -8.261693  -104.521155    -1.066436
-0.003883   -0.297805   -62.497811
 0.85915   -8.261693  -104.521155    -1.066436
-0.003883   -0.097543   -44.090065
 1.00000   -8.261693  -104.521155    -1.066436
-0.003883   -0.359962   -37.566241

COMB DB-G3-1  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    2.965809    12.024502    0.150257
 6.93E-06    0.166636    29.660387
 0.57745    2.965809    12.024502    0.150257
 6.93E-06    0.103634    24.652859
 0.71830    2.965809    12.024502    0.150257
 6.93E-06    0.040655    19.663860
 0.85915    2.965809    12.024502    0.150257
 6.93E-06    0.035224    14.779022
 1.00000    2.965809    12.024502    0.150257
 6.93E-06    0.138706     9.997957

COMB DB-G3-1  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -1.200948   -10.007807    -0.246634
-0.000639   -0.275039   -51.000136
 0.57745   -1.200948   -10.007807    -0.246634
-0.000639   -0.171613   -46.952509
 0.71830   -1.200948   -10.007807    -0.246634
-0.000639   -0.068186   -42.976719
 0.85915   -1.200948   -10.007807    -0.246634
-0.000639   -0.022398   -39.060689
 1.00000   -1.200948   -10.007807    -0.246634
-0.000639   -0.085480   -35.166244

COMB DB-G3-2  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    6.988921    19.477338    0.246313
 0.000200    0.273728   43.254258
 0.57745    6.988921    19.477338    0.246313
 0.000200    0.170422   35.337221
 0.71830    6.988921    19.477338    0.246313
 0.000200    0.067109   28.349866
 0.85915    6.988921    19.477338    0.246313
 0.000200    0.060239   22.237327
 1.00000    6.988921    19.477338    0.246313
 0.000200    0.236998   16.690356

COMB DB-G3-2  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -1.858906   -31.269178    -0.421260
-0.001340   -0.469829   -96.720907
 0.57745   -1.858906   -31.269178    -0.421260
-0.001340   -0.293419   -84.534924
 0.71830   -1.858906   -31.269178    -0.421260
-0.001340   -0.117026   -73.627673
 0.85915   -1.858906   -31.269178    -0.421260
-0.001340   -0.036611   -63.206055
 1.00000   -1.858906   -31.269178    -0.421260
-0.001340   -0.139533   -53.226679
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2410

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.317105    21.102875    0.303940
 0.000318    0.337247   58.827833
 0.57745    9.317105    21.102875    0.303940
 0.000318    0.209733   52.700398
 0.71830    9.317105    21.102875    0.303940
 0.000318    0.082213   48.140402
 0.85915    9.317105    21.102875    0.303940
 0.000318    0.091454   46.961289
 1.00000    9.317105    21.102875    0.303940
 0.000318    0.368109   57.583055

COMB DB-G3-3  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -2.141974   -82.461076    -0.660086
-0.001738   -0.739546  -134.321698
 0.57745   -2.141974   -82.461076    -0.660086
-0.001738   -0.463145  -100.899761
 0.71830   -2.141974   -82.461076    -0.660086
-0.001738   -0.186950   -69.077305
 0.85915   -2.141974   -82.461076    -0.660086
-0.001738   -0.045633   -51.594297
 1.00000   -2.141974   -82.461076    -0.660086
-0.001738   -0.172578   -47.864682

COMB DB-G3-4  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.769037    62.422214    0.542124
 0.003755    0.603811   151.598955
 0.57745    9.769037    62.422214    0.542124
 0.003755    0.376414   128.480747
 0.71830    9.769037    62.422214    0.542124
 0.003755    0.149017   113.102477
 0.85915    9.769037    62.422214    0.542124
 0.003755    0.146915   109.180973
 1.00000    9.769037    62.422214    0.542124
 0.003755    0.550086   114.707810

COMB DB-G3-4  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -7.035193  -107.183070    -0.962895
-0.004514   -1.066818  -133.298135
 0.57745   -7.035193  -107.183070    -0.962895
-0.004514   -0.667574   -94.949530
 0.71830   -7.035193  -107.183070    -0.962895
-0.004514   -0.268524   -66.341809
 0.85915   -7.035193  -107.183070    -0.962895
-0.004514   -0.085266   -48.993376
 1.00000   -7.035193  -107.183070    -0.962895
-0.004514   -0.305642   -43.338121

COMB DL-G1-1  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    3.276257    54.233355    0.925998
 0.001316    1.036547   70.060463
 0.57745    3.276257    54.233355    0.925998
 0.001316    0.648287   47.736540
 0.71830    3.276257    54.233355    0.925998
 0.001316    0.259602   25.772937
 0.85915    3.276257    54.233355    0.925998
 0.001316    0.156745    5.454795
 1.00000    3.276257    54.233355    0.925998
 0.001316    0.625813    3.151420

COMB DL-G1-1  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -6.314509   -22.346241    -1.116055
-1.16E-05   -1.245843   -49.296844
 0.57745   -6.314509   -22.346241    -1.116055
-1.16E-05   -0.777824   -40.344605
 0.71830   -6.314509   -22.346241    -1.116055
-1.16E-05   -0.309509   -31.809174
 0.85915   -6.314509   -22.346241    -1.116055
-1.16E-05   -0.122846   -24.555730
 1.00000   -6.314509   -22.346241    -1.116055
-1.16E-05   -0.516484   -33.472357
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2411

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    6.886475    79.985354    1.316206
 0.007593    1.469839   150.427184
 0.57745    6.886475    79.985354    1.316206
 0.007593    0.918161   120.481014
 0.71830    6.886475    79.985354    1.316206
 0.007593    0.366408   104.062472
 0.85915    6.886475    79.985354    1.316206
 0.007593    0.271769   105.023857
 1.00000    6.886475    79.985354    1.316206
 0.007593    1.003883   119.468151

COMB DL-G1-2  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660  -10.893702  -104.141977    -1.746482
-0.006198   -1.933963   -91.306307
 0.57745  -10.893702  -104.141977    -1.746482
-0.006198   -1.208525   -52.220962
 0.71830  -10.893702  -104.141977    -1.746482
-0.006198   -0.482889   -38.173641
 0.85915  -10.893702  -104.141977    -1.746482
-0.006198   -0.208547   -27.862416
 1.00000  -10.893702  -104.141977    -1.746482
-0.006198   -0.742472   -25.932514

COMB DL-G1-3  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.056840    77.543251    1.315149
 0.005631    1.468312   148.341081
 0.57745    9.056840    77.543251    1.315149
 0.005631    0.917027   119.744371
 0.71830    9.056840    77.543251    1.315149
 0.005631    0.364945   101.235859
 0.85915    9.056840    77.543251    1.315149
 0.005631    0.281858   100.269729
 1.00000    9.056840    77.543251    1.315149
 0.005631    1.080418   118.106647

COMB DL-G1-3  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -9.735671  -120.744576    -1.902709
-0.004838   -2.115817  -120.809198
 0.57745   -9.735671  -120.744576    -1.902709
-0.004838   -1.322446   -73.967408
 0.71830   -9.735671  -120.744576    -1.902709
-0.004838   -0.528713   -45.120498
 0.85915   -9.735671  -120.744576    -1.902709
-0.004838   -0.201421   -25.727986
 1.00000   -9.735671  -120.744576    -1.902709
-0.004838   -0.740693   -25.112222

COMB DL-G1-4  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   10.531936    72.966388    1.224594
 0.004678    1.366607   140.976066
 0.57745   10.531936    72.966388    1.224594
 0.004678    0.853252   113.694171
 0.71830   10.531936    72.966388    1.224594
 0.004678    0.339056    94.867309
 0.85915   10.531936    72.966388    1.224594
 0.004678    0.268453    90.780019
 1.00000   10.531936    72.966388    1.224594
 0.004678    1.033882   102.323530

COMB DL-G1-4  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -8.746108  -112.370721    -1.824401
-0.004431   -2.029783  -139.566512
 0.57745   -8.746108  -112.370721    -1.824401
-0.004431   -1.268245   -95.737710
 0.71830   -8.746108  -112.370721    -1.824401
-0.004431   -0.506917   -67.096166
 0.85915   -8.746108  -112.370721    -1.824401
-0.004431   -0.185879   -46.979334
 1.00000   -8.746108  -112.370721    -1.824401
-0.004431   -0.689806   -42.387493
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2412

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    3.846589    10.144538    0.319769
 0.004447    0.354563   48.339357
 0.57745    3.846589    10.144538    0.319769
 0.004447    0.220676   47.835577
 0.71830    3.846589    10.144538    0.319769
 0.004447    0.086884   58.244484
 0.85915    3.846589    10.144538    0.319769
 0.004447    0.100566   85.004092
 1.00000    3.846589    10.144538    0.319769
 0.004447    0.349389  117.136827

COMB DL-G2-1  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -3.272609   -86.829465    -0.595347
-0.004545   -0.655069   -51.309505
 0.57745   -3.272609   -86.829465    -0.595347
-0.004545   -0.410323   -18.906170
 0.71830   -3.272609   -86.829465    -0.595347
-0.004545   -0.165620    -5.132409
 0.85915   -3.272609   -86.829465    -0.595347
-0.004545   -0.063929    -3.440305
 1.00000   -3.272609   -86.829465    -0.595347
-0.004545   -0.185139    -3.105706

COMB DL-G2-2  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    8.140890    18.093279    0.456236
 0.004131    0.506715   60.689920
 0.57745    8.140890    18.093279    0.456236
 0.004131    0.315612   57.058762
 0.71830    8.140890    18.093279    0.456236
 0.004131    0.123954   63.124920
 0.85915    8.140890    18.093279    0.456236
 0.004131    0.142229   87.645686
 1.00000    8.140890    18.093279    0.456236
 0.004131    0.524943  122.102878

COMB DL-G2-2  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -2.923788  -112.267657    -0.913953
-0.004831   -1.012194   -97.343333
 0.57745   -2.923788  -112.267657    -0.913953
-0.004831   -0.632938   -53.920385
 0.71830   -2.923788  -112.267657    -0.913953
-0.004831   -0.253888   -27.748680
 0.85915   -2.923788  -112.267657    -0.913953
-0.004831   -0.082329   -14.403779
 1.00000   -2.923788  -112.267657    -0.913953
-0.004831   -0.261768   -13.781544

COMB DL-G2-3  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    8.281734    76.166196    1.050256
 0.003481    1.171309   173.181551
 0.57745    8.281734    76.166196    1.050256
 0.003481    0.730941   144.573172
 0.71830    8.281734    76.166196    1.050256
 0.003481    0.290192   122.724854
 0.85915    8.281734    76.166196    1.050256
 0.003481    0.235752   115.191081
 1.00000    8.281734    76.166196    1.050256
 0.003481    0.922947   116.801229

COMB DL-G2-3  ------------------  MIN

REL DIST            P            V2           V3
          T          M2           M3
 0.43660   -8.821124  -104.947673    -1.636554
-0.003330   -1.824247  -112.293980
 0.57745   -8.821124  -104.947673    -1.636554
-0.003330   -1.140448   -71.803297
 0.71830   -8.821124  -104.947673    -1.636554
-0.003330   -0.456057   -42.355518
 0.85915   -8.821124  -104.947673    -1.636554
-0.003330   -0.159140   -25.060404
 1.00000   -8.821124  -104.947673    -1.636554
-0.003330   -0.592178   -19.300532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2413

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4  ------------------  MAX

REL DIST            P            V2           V3
          T          M2           M3
 0.43660    9.109945    72.918237    1.001668
```

```
 0.002915    1.115963  166.421394
0.57745     9.109945   72.918237     1.001668
 0.002915    0.695812  138.698242
0.71830     9.109945   72.918237     1.001668
 0.002915    0.274945  116.712516
0.85915     9.109945   72.918237     1.001668
 0.002915    0.230328  106.626766
1.00000     9.109945   72.918237     1.001668
 0.002915    0.906711  104.267316

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -8.274810  -96.469217   -1.611106
-0.003213   -1.796916 -133.341366
0.57745   -8.274810  -96.469217   -1.611106
-0.003213   -1.123078  -95.455006
0.71830   -8.274810  -96.469217   -1.611106
-0.003213   -0.449336  -67.397674
0.85915   -8.274810  -96.469217   -1.611106
-0.003213   -0.151215  -49.274794
1.00000   -8.274810  -96.469217   -1.611106
-0.003213   -0.565508  -41.115098

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    2.907326   15.245406    0.200766
 4.04E-06    0.221095   37.807860
0.57745    2.907326   15.245406    0.200766
 4.04E-06    0.113830   31.591212
0.71830    2.907326   15.245406    0.200766
 4.04E-06    0.052466   25.510419
0.85915    2.907326   15.245406    0.200766
 4.04E-06    0.053260   19.466557
1.00000    2.907326   15.245406    0.200766
 4.04E-06    0.217969   13.507584

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -2.024276  -12.383652   -0.392271
-0.000637   -0.274435   -54.726100
0.57745   -2.024276  -12.383652   -0.392271
-0.000637   -0.274435   -54.726100
0.71830   -2.024276  -12.383652   -0.392271
-0.000637   -0.110169   -49.948346
0.85915   -2.024276  -12.383652   -0.392271
-0.000637   -0.030649   -45.216772
1.00000   -2.024276  -12.383652   -0.392271
-0.000637   -0.115035   -40.580295

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    7.239391   24.310328    0.360609
 0.000128    0.399486   54.831406
0.57745    7.239391   24.310328    0.360609
 0.000128    0.248102   45.062265
0.71830    7.239391   24.310328    0.360609
 0.000128    0.096588   35.939586
0.85915    7.239391   24.310328    0.360609
 0.000128    0.095174   27.417365
1.00000    7.239391   24.310328    0.360609
 0.000128    0.383542   19.736130

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -2.603528  -33.282480   -0.687539
-0.001261   -0.768457 -106.258931
0.57745   -2.603528  -33.282480   -0.687539
-0.001261   -0.480107   -92.933240
0.71830   -2.603528  -33.282480   -0.687539
-0.001261   -0.191755   -80.634631
0.85915   -2.603528  -33.282480   -0.687539
-0.001261   -0.053828   -69.466528
1.00000   -2.603528  -33.282480   -0.687539
-0.001261   -0.204953   -59.210353
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2414

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    8.541412   25.401301    0.490184
 5.23E-06    0.543245   69.196676
0.57745    8.541412   25.401301    0.490184
 5.23E-06    0.337623   60.725457
0.71830    8.541412   25.401301    0.490184
 5.23E-06    0.131686   53.767169
0.85915    8.541412   25.401301    0.490184
 5.23E-06    0.135343   54.746063
1.00000    8.541412   25.401301    0.490184
 5.23E-06    0.562532   64.560063

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -3.052409   -75.167998   -1.014608
-0.001345   -1.137032 -132.453121
0.57745   -3.052409   -75.167998   -1.014608
-0.001345   -0.710661 -102.241723
0.71830   -3.052409   -75.167998   -1.014608
-0.001345   -0.284834   -73.481013
0.85915   -3.052409   -75.167998   -1.014608
-0.001345   -0.071779   -58.361011
1.00000   -3.052409   -75.167998   -1.014608
-0.001345   -0.278124   -53.062596

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    8.967241   64.405468    0.854854
 0.002806    0.950107  162.342121
0.57745    8.967241   64.405468    0.854854
 0.002806    0.591735  138.284716
0.71830    8.967241   64.405468    0.854854
 0.002806    0.232906  120.407078
0.85915    8.967241   64.405468    0.854854
 0.002806    0.210355  115.346777
1.00000    8.967241   64.405468    0.854854
 0.002806    0.827225  117.620009

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -7.753237   -96.301042   -1.468679
-0.003537   -1.637681 -136.447935
0.57745   -7.753237   -96.301042   -1.468679
-0.003537   -1.023863   -98.788019
0.71830   -7.753237   -96.301042   -1.468679
-0.003537   -0.410454   -71.844570
0.85915   -7.753237   -96.301042   -1.468679
-0.003537   -0.133176   -55.681561
1.00000   -7.753237   -96.301042   -1.468679
-0.003537   -0.485014   -48.439331

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    9.846438   86.278498    0.862789
 0.007699    0.964347  173.250369
0.57745    9.846438   86.278498    0.862789
 0.007699    0.602503  143.587031
0.71830    9.846438   86.278498    0.862789
 0.007699    0.240607  121.821368
0.85915    9.846438   86.278498    0.862789
 0.007699    0.194169  112.189583
1.00000    9.846438   86.278498    0.862789
 0.007699    0.730529  120.847669

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -11.869393 -127.346977   -1.281259
-0.006213   -1.420818 -134.321698
0.57745   -11.869393 -127.346977   -1.281259
-0.006213   -0.889229 -100.899761
0.71830   -11.869393 -127.346977   -1.281259
-0.006213   -0.357912  -73.627673
0.85915   -11.869393 -127.346977   -1.281259
-0.006213   -0.134257  -63.206055
1.00000   -11.869393 -127.346977   -1.281259
-0.006213   -0.548393  -53.226679
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2415

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -10.531936   79.985354    1.316206
 0.007593    1.469839  173.181551
0.57745   -10.531936   79.985354    1.316206
 0.007593    0.918161  144.573172
0.71830   -10.531936   79.985354    1.316206
 0.007593    0.366408  122.724854
0.85915   -10.531936   79.985354    1.316206
 0.007593    0.281858  115.346777
1.00000   -10.531936   79.985354    1.316206
 0.007593    1.080418  122.102878

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -10.893702  -120.744576   -1.902709
-0.006198   -2.115817 -139.566512
0.57745   -10.893702  -120.744576   -1.902709
-0.006198   -1.322446 -102.241723
0.71830   -10.893702  -120.744576   -1.902709
-0.006198   -0.528713  -80.634631
0.85915   -10.893702  -120.744576   -1.902709
-0.006198   -0.208547  -69.466528
1.00000   -10.893702  -120.744576   -1.902709
-0.006198   -0.742472  -59.210353

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -10.531936   86.278498    1.316206
 0.007699    1.469839  173.250369
0.57745   -10.531936   86.278498    1.316206
 0.007699    0.918161  144.573172
0.71830   -10.531936   86.278498    1.316206
 0.007699    0.366408  122.724854
0.85915   -10.531936   86.278498    1.316206
 0.007699    0.281858  115.346777
1.00000   -10.531936   86.278498    1.316206
 0.007699    1.080418  122.102878

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -11.869393  -127.346977   -1.902709
-0.006213   -2.115817 -139.566512
0.57745   -11.869393  -127.346977   -1.902709
-0.006213   -1.322446 -102.241723
0.71830   -11.869393  -127.346977   -1.902709
-0.006213   -0.528713  -80.634631
0.85915   -11.869393  -127.346977   -1.902709
-0.006213   -0.208547  -69.466528
1.00000   -11.869393  -127.346977   -1.902709
-0.006213   -0.742472  -59.210353

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   10.531936   86.278498    1.316206
 0.007699    1.469839  173.250369
0.57745   10.531936   86.278498    1.316206
 0.007699    0.918161  144.573172
0.71830   10.531936   86.278498    1.316206
 0.007699    0.366408  122.724854
0.85915   10.531936   86.278498    1.316206
 0.007699    0.281858  115.346777
1.00000   10.531936   86.278498    1.316206
 0.007699    1.080418  122.102878

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -11.869393  -127.346977   -1.902709
-0.006213   -2.115817 -139.566512
0.57745   -11.869393  -127.346977   -1.902709
-0.006213   -1.322446 -102.241723
0.71830   -11.869393  -127.346977   -1.902709
-0.006213   -0.528713  -80.634631
0.85915   -11.869393  -127.346977   -1.902709
-0.006213   -0.208547  -69.466528
1.00000   -11.869393  -127.346977   -1.902709
-0.006213   -0.742472  -59.210353
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2416

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      217 ================== LENGTH
=    2.977615

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    1.908124   57.766087    0.624312
 0.001343    0.351420    2.654455
0.14085    1.908124   57.766087    0.624312
 0.001343    0.089473    3.062902
0.28170    1.908124   57.766087    0.624312
 0.001343    0.205565    9.672724
0.42256    1.908124   57.766087    0.624312
 0.001343    0.514918   16.917591
0.56341    1.908124   57.766087    0.624312
 0.001343    0.824355   24.309064

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -7.186577   -17.812319   -0.737825
-7.26E-06   -0.413432   -22.324317
0.14085   -7.186577   -17.812319   -0.737825
-7.26E-06   -0.104066   -45.990733
0.28170   -7.186577   -17.812319   -0.737825
-7.26E-06   -0.172246   -70.135790
0.42256   -7.186577   -17.812319   -0.737825
-7.26E-06   -0.434096   -94.290589
0.56341   -7.186577   -17.812319   -0.737825
-7.26E-06   -0.695935  -118.471201

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.740924   150.718629    0.871217
 0.007914    0.490097  113.572935
0.14085    2.740924   150.718629    0.871217
 0.007914    0.134258   90.161636
0.28170    2.740924   150.718629    0.871217
 0.007914    0.321003   72.794712
0.42256    2.740924   150.718629    0.871217
 0.007914    0.800830   75.504288
0.56341    2.740924   150.718629    0.871217
 0.007914    1.283908   90.413098

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -15.192005  -40.899577   -1.172397
-0.006017   -0.683030  -12.769885
0.14085   -15.192005  -40.899577   -1.172397
-0.006017   -0.192529  -43.681361
0.28170   -15.192005  -40.899577   -1.172397
-0.006017   -0.240633  -75.438743
0.42256   -15.192005  -40.899577   -1.172397
-0.006017   -0.606077 -111.632994
0.56341   -15.192005  -40.899577   -1.172397
-0.006017   -0.971469 -168.631890

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    6.506043   126.330817    0.832730
 0.005706    0.468153  107.076088
0.14085    6.506043   126.330817    0.832730
 0.005706    0.125303  111.484472
0.28170    6.506043   126.330817    0.832730
 0.005706    0.359746  121.900950
0.42256    6.506043   126.330817    0.832730
 0.005706    0.900928  146.286268
0.56341    6.506043   126.330817    0.832730
 0.005706    1.444337  179.021605

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -12.675368  -82.104112   -1.309680
-0.004221   -0.752997  -13.374799
0.14085   -12.675368  -82.104112   -1.309680
-0.004221   -0.204574  -44.425643
0.28170   -12.675368  -82.104112   -1.309680
-0.004221   -0.230132  -76.089483
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2417

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.42256   -12.675368  -82.104112   -1.309680
-0.004221   -0.579482 -110.745160
0.56341   -12.675368  -82.104112   -1.309680
-0.004221   -0.928754 -159.517419

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.310270   111.999060    0.779500
 0.004740    0.438757   92.277717
0.14085    8.310270   111.999060    0.779500
 0.004740    0.117138   93.567254
0.28170    8.310270   111.999060    0.779500
 0.004740    0.339754  103.549950
0.42256    8.310270   111.999060    0.779500
 0.004740    0.851327  125.845479
0.56341    8.310270   111.999060    0.779500
 0.004740    1.364746  155.242256

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -11.136875   -79.673264   -1.235791
-0.004118   -0.708580   -31.948560
0.14085   -11.136875   -79.673264   -1.235791
-0.004118   -0.191013   -54.056026
0.28170   -11.136875   -79.673264   -1.235791
-0.004118   -0.214806   -76.737674
0.42256   -11.136875   -79.673264   -1.235791
-0.004118   -0.541896  -103.206652
0.56341   -11.136875   -79.673264   -1.235791
-0.004118   -0.868868  -142.538615

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.205415   63.973208    0.183544
 0.005245    0.103043  119.375743
0.14085    2.205415   63.973208    0.183544
 0.005245    0.034136  111.387998
0.28170    2.205415   63.973208    0.183544
 0.005245    0.115048  103.539265
0.42256    2.205415   63.973208    0.183544
 0.005245    0.286202  111.836059
0.56341    2.205415   63.973208    0.183544
 0.005245    0.460070  130.238306

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -5.870527   -48.321785   -0.431780
-0.005031   -0.264370    -2.713690
0.14085   -5.870527   -48.321785   -0.431780
-0.005031   -0.084207    -2.839548
0.28170   -5.870527   -48.321785   -0.431780
-0.005031   -0.050850    -3.471747
0.42256   -5.870527   -48.321785   -0.431780
-0.005031   -0.127874    -7.726942
0.56341   -5.870527   -48.321785   -0.431780
-0.005031   -0.204864   -29.327861

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    6.850794   66.689741    0.244015
 0.004882    0.137057  121.031123
0.14085    6.850794   66.689741    0.244015
 0.004882    0.042178  123.691853
0.28170    6.850794   66.689741    0.244015
 0.004882    0.176855  130.047018
0.42256    6.850794   66.689741    0.244015
 0.004882    0.442378  152.034849
0.56341    6.850794   66.689741    0.244015
 0.004882    0.710809  183.588113

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -5.287194   -80.159774   -0.655581
-0.005112   -0.389101   -14.194171
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2418

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.14085   -5.287194   -80.159774   -0.655581
-0.005112   -0.115105   -13.873192
0.28170   -5.287194   -80.159774   -0.655581
-0.005112   -0.067388   -14.138938
0.42256   -5.287194   -80.159774   -0.655581
-0.005112   -0.169840   -19.461048
0.56341   -5.287194   -80.159774   -0.655581
-0.005112   -0.272206   -42.509548

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.308802   114.142109    0.651710
 0.004540    0.366352  114.382170
0.14085    7.308802   114.142109    0.651710
 0.004540    0.098220  107.197083
0.28170    7.308802   114.142109    0.651710
 0.004540    0.308507  119.950129
0.42256    7.308802   114.142109    0.651710
 0.004540    0.772921  145.834129
0.56341    7.308802   114.142109    0.651710
 0.004540    1.239169  178.845841

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.874036   -83.207527   -1.123070
-0.003578   -0.644988   -18.235469
0.14085   -10.874036   -83.207527   -1.123070
-0.003578   -0.174789   -21.477720
0.28170   -10.874036   -83.207527   -1.123070
-0.003578   -0.180086   -49.057509
0.42256   -10.874036   -83.207527   -1.123070
-0.003578   -0.453489   -80.561176
0.56341   -10.874036   -83.207527   -1.123070
-0.003578   -0.726875  -124.923861

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.345948   102.789632    0.632637
 0.003798    0.356028  100.363281
0.14085    8.345948   102.789632    0.632637
 0.003798    0.095040   91.282301
0.28170    8.345948   102.789632    0.632637
 0.003798    0.300115  100.515958
0.42256    8.345948   102.789632    0.632637
 0.003798    0.752845  121.885641
0.56341    8.345948   102.789632    0.632637
 0.003798    1.207102  149.190370

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -9.780223   -76.697433   -1.092631
-0.003725   -0.625990   -37.559039
0.14085   -9.780223   -76.697433   -1.092631
-0.003725   -0.183376   -37.535386
0.28170   -9.780223   -76.697433   -1.092631
-0.003725   -0.174448   -57.802624
0.42256   -9.780223   -76.697433   -1.092631
-0.003725   -0.439867   -81.081809
0.56341   -9.780223   -76.697433   -1.092631
-0.003725   -0.705216  -114.908387

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.987446   12.083748    0.144499
 1.15E-05    0.081634   10.006408
0.14085    2.987446   12.083748    0.144499
 1.15E-05    0.021025    5.715622
0.28170    2.987446   12.083748    0.144499
 1.15E-05    0.068010    2.714810
0.42256    2.987446   12.083748    0.144499
 1.15E-05    0.172179    2.376303
0.56341    2.987446   12.083748    0.144499
 1.15E-05    0.276329    2.038276
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2419

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -1.201511   -9.961205   -0.248351
-0.001010   -0.140308   -35.175440
0.14085   -1.201511   -9.961205   -0.248351
-0.001010   -0.036004   -31.404922
0.28170   -1.201511   -9.961205   -0.248351
-0.001010   -0.039573   -27.879823
0.42256   -1.201511   -9.961205   -0.248351
-0.001010   -0.100177   -24.406238
0.56341   -1.201511   -9.961205   -0.248351
-0.001010   -0.160780   -21.031929

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    6.944352   21.535672    0.241996
 0.000244    0.137051   16.714515
0.14085    6.944352   21.535672    0.241996
 0.000244    0.035822   11.857317
0.28170    6.944352   21.535672    0.241996
 0.000244    0.117778   12.661050
0.42256    6.944352   21.535672    0.241996
 0.000244    0.297333   19.107254
0.56341    6.944352   21.535672    0.241996
 0.000244    0.476974   26.465102

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -1.960573   -29.628663   -0.428991
-0.001863   -0.242692   -53.244702
0.14085   -1.960573   -29.628663   -0.428991
-0.001863   -0.062713   -45.912537
0.28170   -1.960573   -29.628663   -0.428991
-0.001863   -0.065930   -39.620513
0.42256   -1.960573   -29.628663   -0.428991
-0.001863   -0.167440   -35.628386
0.56341   -1.960573   -29.628663   -0.428991
-0.001863   -0.268934   -34.362339

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.284414   24.352848    0.288605
 0.000321    0.162626   57.591114
0.14085    9.284414   24.352848    0.288605
 0.000321    0.041984   75.894813
0.28170    9.284414   24.352848    0.288605
 0.000321    0.191673   98.739361
0.42256    9.284414   24.352848    0.288605
 0.000321    0.483945  126.537623
0.56341    9.284414   24.352848    0.288605
 0.000321    0.776366  155.294189

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -2.305309   -79.955969   -0.698284
-0.001587   -0.395155   -47.870933
0.14085   -2.305309   -79.955969   -0.698284
-0.001587   -0.102293   -44.215198
0.28170   -2.305309   -79.955969   -0.698284
-0.001587   -0.079254   -40.759426
0.42256   -2.305309   -79.955969   -0.698284
-0.001587   -0.200350   -38.994846
0.56341   -2.305309   -79.955969   -0.698284
-0.001587   -0.321449   -39.691011

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.299255   97.469641    0.531401
 0.004022    0.299020  114.894148
0.14085    8.299255   97.469641    0.531401
 0.004022    0.081313  101.576655
0.28170    8.299255   97.469641    0.531401
 0.004022    0.217809  103.105186
0.42256    8.299255   97.469641    0.531401
 0.004022    0.682048  120.748443
0.56341    8.299255   97.469641    0.531401
 0.004022    1.094047  146.704406
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2420

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN
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REL DIST          P          V2          V3
         T         M2         M3
0.00000   -8.840871  -74.204717   -0.993620
-0.004446   -0.572987  -43.335098
0.14085   -8.840871  -74.204717   -0.993620
-0.004446   -0.156892   -7.897852
0.28170   -8.840871  -74.204717   -0.993620
-0.004446   -0.146556  -48.754884
0.42256   -8.840871  -74.204717   -0.993620
-0.004446   -0.369508  -66.088671
0.56341   -8.840871  -74.204717   -0.993620
-0.004446   -0.592397  -95.889858

COMB DL-G1-1 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    3.268615   54.082103    0.970720
 0.001399    0.548571    3.145639
0.14085    3.268615   54.082103    0.970720
 0.001399    0.141414    3.397171
0.28170    3.268615   54.082103    0.970720
 0.001399    0.302260   10.200835
0.42256    3.268615   54.082103    0.970720
 0.001399    0.757035   19.195960
0.56341    3.268615   54.082103    0.970720
 0.001399    1.211550   28.272855

COMB DL-G1-1 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -6.293597  -22.392837   -1.083675
-4.29E-06   -0.605987  -33.480677
0.14085   -6.293597  -22.392837   -1.083675
-4.29E-06   -0.150888  -49.245938
0.28170   -6.293597  -22.392837   -1.083675
-4.29E-06   -0.264997  -69.343570
0.42256   -6.293597  -22.392837   -1.083675
-4.29E-06   -0.672154  -91.755504
0.56341   -6.293597  -22.392837   -1.083675
-4.29E-06   -1.079447  -114.179626

COMB DL-G1-2 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    3.828144  141.911522    1.339427
 0.008052    0.759210  119.513539
0.14085    3.828144  141.911522    1.339427
 0.008052    0.216207   94.828808
0.28170    3.828144  141.911522    1.339427
 0.008052    0.481428   77.145751
0.42256    3.828144  141.911522    1.339427
 0.008052    1.207450   80.456543
0.56341    3.828144  141.911522    1.339427
 0.008052    1.934326   96.422245

COMB DL-G1-2 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -14.733423  -44.764250   -1.753928
-0.006013   -1.011906  -25.927147
0.14085  -14.733423  -44.764250   -1.753928
-0.006013   -0.277679  -46.241304
0.28170  -14.733423  -44.764250   -1.753928
-0.006013   -0.367638  -71.799101
0.42256  -14.733423  -44.764250   -1.753928
-0.006013   -0.929787  -104.896655
0.56341  -14.733423  -44.764250   -1.753928
-0.006013   -1.491658  -161.837256

COMB DL-G1-3 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    6.939733  121.382141    1.331801
 0.005981    0.753532  118.121246
0.14085    6.939733  121.382141    1.331801
 0.005981    0.206937  117.652252
0.28170    6.939733  121.382141    1.331801
 0.005981    0.528946  123.767190
0.42256    6.939733  121.382141    1.331801
 0.005981    1.330028  145.287501
0.56341    6.939733  121.382141    1.331801
 0.005981    2.131279  175.393799
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2421

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -12.463295  -78.825088   -1.924340
-0.004413   -1.098450  -25.102859
0.14085  -12.463295  -78.825088   -1.924340
-0.004413   -0.290458  -46.533662
0.28170  -12.463295  -78.825088   -1.924340
-0.004413   -0.482466  -72.964023
0.42256  -12.463295  -78.825088   -1.924340
-0.004413   -0.924742  -104.408182
0.56341  -12.463295  -78.825088   -1.924340
-0.004413   -1.483448  -153.147293

COMB DL-G1-4 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.789742  109.339664    1.244154
 0.004969    0.704259  102.343104
0.14085    8.789742  109.339664    1.244154
 0.004969    0.192058   99.128294
0.28170    8.789742  109.339664    1.244154
 0.004969    0.506556  104.875056
0.42256    8.789742  109.339664    1.244154
 0.004969    1.273179  124.899467
0.56341    8.789742  109.339664    1.244154
 0.004969    2.040601  152.652397

COMB DL-G1-4 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -11.016141  -77.645276   -1.840594
-0.004238   -1.047967  -42.389108
0.14085  -11.016141  -77.645276   -1.840594
-0.004238   -0.275589  -56.498731
0.28170  -11.016141  -77.645276   -1.840594
-0.004238   -0.340101  -76.496535
0.42256  -11.016141  -77.645276   -1.840594
-0.004238   -0.862803  -102.437695
0.56341  -11.016141  -77.645276   -1.840594
-0.004238   -1.384815  -142.622081

COMB DL-G2-1 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    1.749883   53.790304    0.294716
 0.004486    0.167401  117.159339
0.14085    1.749883   53.790304    0.294716
 0.004486    0.056616  112.221684
0.28170    1.749883   53.790304    0.294716
 0.004486    0.172442  107.552567
0.42256    1.749883   53.790304    0.294716
 0.004486    0.434419  115.817646
0.56341    1.749883   53.790304    0.294716
 0.004486    0.697192  132.888896

COMB DL-G2-1 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -5.990375  -45.511729   -0.641190
-0.004213   -0.381336   -3.087212
0.14085   -5.990375  -45.511729   -0.641190
-0.004213   -0.113532   -2.872493
0.28170   -5.990375  -45.511729   -0.641190
-0.004213   -0.082704   -3.125771
0.42256   -5.990375  -45.511729   -0.641190
-0.004213   -0.2906315   -7.057149
0.56341   -5.990375  -45.511729   -0.641190
-0.004213   -0.329936  -27.763248

COMB DL-G2-2 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    6.173844   59.692804    0.437641
 0.004281    0.248622  122.120112
0.14085    6.173844   59.692804    0.437641
 0.004281    0.076828  125.180122
0.28170    6.173844   59.692804    0.437641
 0.004281    0.260910  131.543422
0.42256    6.173844   59.692804    0.437641
 0.004281    0.657285  151.187042
0.56341    6.173844   59.692804    0.437641
 0.004281    1.055112  179.454096
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2422

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -5.526740  -72.883321   -0.960676
-0.004413   -0.557685  -13.764554
0.14085   -5.526740  -72.883321   -0.960676
-0.004413   -0.155946  -13.734888
0.28170   -5.526740  -72.883321   -0.960676
-0.004413   -0.121066  -15.381141
0.42256   -5.526740  -72.883321   -0.960676
-0.004413   -0.304837  -21.156957
0.56341   -5.526740  -72.883321   -0.960676
-0.004413   -0.488379  -43.167001

COMB DL-G2-3 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.019793  102.671495    1.047170
 0.003882    0.591328  116.781295
0.14085    7.019793  102.671495    1.047170
 0.003882    0.159360  108.518158
0.28170    7.019793  102.671495    1.047170
 0.003882    0.459611  122.162610
0.42256    7.019793  102.671495    1.047170
 0.003882    1.158930  147.562858
0.56341    7.019793  102.671495    1.047170
 0.003882    1.858500  178.902282

COMB DL-G2-3 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -10.479221  -79.559726   -1.675013
-0.002849   -0.951863  -19.269750
0.14085  -10.479221  -79.559726   -1.675013
-0.002849   -0.249028  -20.387736
0.28170  -10.479221  -79.559726   -1.675013
-0.002849   -0.288211  -45.032463
0.42256  -10.479221  -79.559726   -1.675013
-0.002849   -0.727905  -74.675725
0.56341  -10.479221  -79.559726   -1.675013
-0.002849   -1.167151  -115.324168

COMB DL-G2-4 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.070955   95.146374    0.992031
 0.003249    0.559774  104.259427
0.14085    8.070955   95.146374    0.992031
 0.003249    0.149067   93.571760
0.28170    8.070955   95.146374    0.992031
 0.003249    0.453003  102.597842
0.42256    8.070955   95.146374    0.992031
 0.003249    1.141625  123.804119
0.56341    8.070955   95.146374    0.992031
 0.003249    1.831384  149.935522

COMB DL-G2-4 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -9.676097  -75.168897   -1.649820
-0.003119   -0.936001  -41.100859
0.14085   -9.676097  -75.168897   -1.649820
-0.003119   -0.243756  -38.685876
0.28170   -9.676097  -75.168897   -1.649820
-0.003119   -0.272070  -56.913036
0.42256   -9.676097  -75.168897   -1.649820
-0.003119   -0.689030  -81.298256
0.56341   -9.676097  -75.168897   -1.649820
-0.003119   -1.105234  -114.686062

COMB DL-G3-1 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    2.934177   15.279059    0.177363
 8.85E-06    0.099080   13.520266
0.14085    2.934177   15.279059    0.177363
 8.85E-06    0.024211    7.877022
0.28170    2.934177   15.279059    0.177363
 8.85E-06    0.112057    3.486672
0.42256    2.934177   15.279059    0.177363
 8.85E-06    0.284558    3.576566
0.56341    2.934177   15.279059    0.177363
 8.85E-06    0.457228    4.602311
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2423

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -2.042806  -12.354453   -0.411313
-0.001048   -0.232002  -40.594668
0.14085   -2.042806  -12.354453   -0.411313
-0.001048   -0.059130  -36.080498
0.28170   -2.042806  -12.354453   -0.411313
-0.001048   -0.048607  -32.227877
0.42256   -2.042806  -12.354453   -0.411313
-0.001048   -0.123241  -32.353647
0.56341   -2.042806  -12.354453   -0.411313
-0.001048   -0.197774  -32.945939

COMB DL-G3-2 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.219314   25.575722    0.351782
 0.000168    0.198901   19.756348
0.14085    7.219314   25.575722    0.351782
 0.000168    0.051304   13.461341
0.28170    7.219314   25.575722    0.351782
 0.000168    0.193023   13.419352
0.42256    7.219314   25.575722    0.351782
 0.000168    0.487420   20.126129
0.56341    7.219314   25.575722    0.351782
 0.000168    0.782790   28.146960

COMB DL-G3-2 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -2.704149  -32.205097   -0.703026
-0.001759   -0.395644  -59.234115
0.14085   -2.704149  -32.205097   -0.703026
-0.001759   -0.100516  -60.943912
0.28170   -2.704149  -32.205097   -0.703026
-0.001759   -0.094961  -46.533321
0.42256   -2.704149  -32.205097   -0.703026
-0.001759   -0.242838  -47.403967
0.56341   -2.704149  -32.205097   -0.703026
-0.001759   -0.390534  -49.617852

COMB DL-G3-3 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.648154   25.365897    0.461267
 7.50E-06    0.258667   64.553731
0.14085    8.648154   25.365897    0.461267
 7.50E-06    0.064649   80.094492
0.28170    8.648154   25.365897    0.461267
 7.50E-06    0.289924  100.156508
0.42256    8.648154   25.365897    0.461267
 7.50E-06    0.734132  125.807342
0.56341    8.648154   25.365897    0.461267
 7.50E-06    1.179296  152.322514

COMB DL-G3-3 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -3.082062  -75.663792   -1.058697
-0.001306   -0.599472  -53.608113
0.14085   -3.082062  -75.663792   -1.058697
-0.001306   -0.148639  -48.508646
0.28170   -3.082062  -75.663792   -1.058697
-0.001306   -0.126679  -46.231514
0.42256   -3.082062  -75.663792   -1.058697
-0.001306   -0.320601  -48.455372
0.56341   -3.082062  -75.663792   -1.058697
-0.001306   -0.514150  -51.376833

COMB DL-G3-4 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.839835   88.613848    0.823675
 0.003146    0.464137  117.622995
0.14085    7.839835   88.613848    0.823675
 0.003146    0.125545  104.940995
0.28170    7.839835   88.613848    0.823675
 0.003146    0.416380  107.331004
0.42256    7.839835   88.613848    0.823675
 0.003146    1.051055  125.584748
0.56341    7.839835   88.613848    0.823675
 0.003146    1.686991  150.470585
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2424

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -9.283902  -73.170626   -1.522266
-0.003461   -0.866588  -48.432122
0.14085   -9.283902  -73.170626   -1.522266
-0.003461   -0.227279  -41.872319
0.28170   -9.283902  -73.170626   -1.522266
-0.003461   -0.226947  -50.981657
0.42256   -9.283902  -73.170626   -1.522266
-0.003461   -0.572965  -70.115357
0.56341   -9.283902  -73.170626   -1.522266
-0.003461   -0.918470  -99.623084

COMB DB -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    9.284414  150.718629    0.871217
 0.007914    0.490097  121.123123
0.14085    9.284414  150.718629    0.871217
 0.007914    0.134258  123.691853
0.28170    9.284414  150.718629    0.871217
 0.007914    0.359746  130.047018
0.42256    9.284414  150.718629    0.871217
 0.007914    0.900928  152.034849
0.56341    9.284414  150.718629    0.871217
 0.007914    1.444337  183.588113

COMB DB -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -15.192005  -83.207527   -1.309680
-0.006017   -0.752997  -53.244702
0.14085  -15.192005  -83.207527   -1.309680
-0.006017   -0.204574  -54.056026
0.28170  -15.192005  -83.207527   -1.309680
-0.006017   -0.240633  -76.770674
0.42256  -15.192005  -83.207527   -1.309680
-0.006017   -0.276977  -111.632994
0.56341  -15.192005  -83.207527   -1.309680
-0.006017   -0.971469  -168.631890

COMB DL -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.789742  141.911522    1.339427
 0.008052    0.759210  122.120112
0.14085    8.789742  141.911522    1.339427
 0.008052    0.216207  125.180122
0.28170    8.789742  141.911522    1.339427
 0.008052    0.481428  131.543422
0.42256    8.789742  141.911522    1.339427
 0.008052    1.330028  151.187042
0.56341    8.789742  141.911522    1.339427
 0.008052    2.131279  179.454096

COMB DL -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -14.733423  -79.559726   -1.924340
-0.006013   -1.098450  -59.234115
0.14085  -14.733423  -79.559726   -1.924340
-0.006013   -0.290458  -56.498731
0.28170  -14.733423  -79.559726   -1.924340
-0.006013   -0.367638  -76.496535
0.42256  -14.733423  -79.559726   -1.924340
-0.006013   -0.929787  -104.896655
0.56341  -14.733423  -79.559726   -1.924340
-0.006013   -1.491658  -161.837256

COMB CAR -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    9.284414  150.718629    1.339427
 0.008052    0.759210  122.120112
0.14085    9.284414  150.718629    1.339427
 0.008052    0.216207  125.180122
0.28170    9.284414  150.718629    1.339427
 0.008052    0.528946  131.543422
0.42256    9.284414  150.718629    1.339427
 0.008052    1.330028  152.034849
0.56341    9.284414  150.718629    1.339427
 0.008052    2.131279  183.588113
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2425

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB CAR -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -15.192005  -83.207527   -1.924340
-0.006017   -1.098450  -59.234115
0.14085  -15.192005  -83.207527   -1.924340
-0.006017   -0.290458  -56.498731
0.28170  -15.192005  -83.207527   -1.924340
-0.006017   -0.367638  -76.770674
0.42256  -15.192005  -83.207527   -1.924340
-0.006017   -0.929787  -111.632994
0.56341  -15.192005  -83.207527   -1.924340
-0.006017   -1.491658  -168.631890

COMB DESIGN -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    9.284414  150.718629    1.339427
 0.008052    0.759210  122.120112
0.14085    9.284414  150.718629    1.339427
 0.008052    0.216207  125.180122
0.28170    9.284414  150.718629    1.339427
 0.008052    0.528946  131.543422
0.42256    9.284414  150.718629    1.339427
 0.008052    1.330028  152.034849
0.56341    9.284414  150.718629    1.339427
 0.008052    2.131279  183.588113

COMB DESIGN -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -15.192005  -83.207527   -1.924340
-0.006017   -1.098450  -59.234115
0.14085  -15.192005  -83.207527   -1.924340
-0.006017   -0.290458  -56.498731
0.28170  -15.192005  -83.207527   -1.924340
-0.006017   -0.367638  -76.770674
0.42256  -15.192005  -83.207527   -1.924340
-0.006017   -0.929787  -111.632994
0.56341  -15.192005  -83.207527   -1.924340
-0.006017   -1.491658  -168.631890

ELEM    218 ================== LENGTH
=   2.977407

COMB DB-G1-1 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43662    0.433210   70.289838    0.612682
 0.001108    0.685042   96.010015
0.57747    0.433210   70.289838    0.612682
 0.001108    0.428113   66.583640
0.71831    0.433210   70.289838    0.612682
 0.001108    0.171173   37.239751
0.85916    0.433210   70.289838    0.612682
 0.001108    0.100360    8.210074
1.00000    0.433210   70.289838    0.612682
 0.001108    0.398633    2.648784

COMB DB-G1-1 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43662   -9.779020   -9.741462   -0.711340
-0.000153   -0.794670  -20.781324
0.57747   -9.779020   -9.741462   -0.711340
-0.000153   -0.496378  -16.818921
0.71831   -9.779020   -9.741462   -0.711340
-0.000153   -0.198100  -13.037721
0.85916   -9.779020   -9.741462   -0.711340
-0.000153   -0.085728   -9.874138
1.00000   -9.779020   -9.741462   -0.711340
-0.000153   -0.342678  -23.146188

COMB DB-G1-2 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43662    4.981926  100.517272    0.851951
 0.007480    0.952360  186.281411
0.57747    4.981926  100.517272    0.851951
 0.007480    0.595092  146.708738
0.71831    4.981926  100.517272    0.851951
 0.007480    0.237775  121.298710
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              2426

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.85916    4.981926  100.517272    0.851951
 0.007480    0.180204  113.214603
1.00000    4.981926  100.517272    0.851951
 0.007480    0.638430  119.854424

COMB DB-G1-2 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43662  -12.370625  -92.604826   -1.096181
-0.006236   -1.200480  -50.840675
0.57747  -12.370625  -92.604826   -1.096181
-0.006236   -0.774871  -25.648448
0.71831  -12.370625  -92.604826   -1.096181
-0.006236   -0.301845  -18.684511
0.85916  -12.370625  -92.604826   -1.096181
-0.006236   -0.130314  -13.890494
1.00000  -12.370625  -92.604826   -1.096181
-0.006236   -0.476709  -11.863262

COMB DB-G1-3 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43662    8.190808   90.836107    0.788645
 0.005510    0.880936  177.604653
0.57747    8.190808   90.836107    0.788645
 0.005510    0.550217  142.339418
0.71831    8.190808   90.836107    0.788645
 0.005510    0.219835  117.384542
0.85916    8.190808   90.836107    0.788645
 0.005510    0.172165  106.304241
1.00000    8.190808   90.836107    0.788645
 0.005510    0.642175  117.575474

COMB DB-G1-3 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43662  -11.402203  -119.048063   -1.124023
-0.004679   -1.243486   -94.663666
0.57747  -11.402203  -119.048063   -1.124023
-0.004679   -0.774906   -53.629881
0.71831  -11.402203  -119.048063   -1.124023
-0.004679   -0.315074   -23.383539
0.85916  -11.402203  -119.048063   -1.124023
-0.004679   -0.118641   -11.989544
1.00000  -11.402203  -119.048063   -1.124023
-0.004679   -0.441942   -11.495275

COMB DB-G1-4 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43662    9.628121   79.369676    0.754411
 0.004576    0.843222  156.674373
0.57747    9.628121   79.369676    0.754411
 0.004576    0.526836  125.761000
0.71831    9.628121   79.369676    0.754411
 0.004576    0.210314  103.410025
0.85916    9.628121   79.369676    0.754411
 0.004576    0.166464   92.631596
1.00000    9.628121   79.369676    0.754411
 0.004576    0.624315  100.510997

COMB DB-G1-4 -------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43662  -10.013055  -114.541116   -1.094325
-0.004201   -1.211506  -125.240963
0.57747  -10.013055  -114.541116   -1.094325
-0.004201   -0.754901   -84.815969
0.71831  -10.013055  -114.541116   -1.094325
-0.004201   -0.305551   -53.792910
0.85916  -10.013055  -114.541116   -1.094325
-0.004201   -0.112995   -40.441243
1.00000  -10.013055  -114.541116   -1.094325
-0.004201   -0.423204   -32.539775

COMB DB-G2-1 -------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43662    5.862783    9.103762    0.172728
0.005424    0.193211   49.746594
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	5.862783	9.103762	0.172728
0.005424	0.120769	48.996570	
0.71831	5.862783	9.103762	0.172728
0.005424	0.048287	60.579990	
0.85916	5.862783	9.103762	0.172728
0.005424	0.068278	89.083660	
1.00000	5.862783	9.103762	0.172728
0.005424	0.210910	128.858051	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.748196	-100.020587	-0.343279
-0.005425	-0.364950	-45.509696	
0.57747	-0.748196	-100.020587	-0.343279
-0.005425	-0.224442	-15.211160	
0.71831	-0.748196	-100.020587	-0.343279
-0.005425	-0.094527	-3.766330	
0.85916	-0.748196	-100.020587	-0.343279
-0.005425	-0.033189	-3.005344	
1.00000	-0.748196	-100.020587	-0.343279
-0.005425	-0.096499	-2.331180	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.115956	9.819888	0.211813
0.005086	0.237237	54.184435	
0.57747	10.115956	9.819888	0.211813
0.005086	0.146876	85.281581	
0.71831	10.115956	9.819888	0.211813
0.005086	0.059344	64.146068	
0.85916	10.115956	9.819888	0.211813
0.005086	0.085537	90.857486	
1.00000	10.115956	9.819888	0.211813
0.005086	0.290319	133.039907	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.284415	-133.699625	-0.491718
-0.005496	-0.534600	-103.929652	
0.57747	-1.284415	-133.699625	-0.491718
-0.005496	-0.331571	-58.233806	
0.71831	-1.284415	-133.699625	-0.491718
-0.005496	-0.138538	-25.383076	
0.85916	-1.284415	-133.699625	-0.491718
-0.005496	-0.038924	-16.083905	
1.00000	-1.284415	-133.699625	-0.491718
-0.005496	-0.118944	-12.613173	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.166104	81.197599	0.616601
0.004315	0.689508	188.850212	
0.57747	9.166104	81.197599	0.616601
0.004315	0.430902	157.415609	
0.71831	9.166104	81.197599	0.616601
0.004315	0.172128	134.543663	
0.85916	9.166104	81.197599	0.616601
0.004315	0.042555	123.692547	
1.00000	9.166104	81.197599	0.616601
0.004315	0.542147	127.506411	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.879377	-117.244534	-0.950129
-0.004034	-1.051722	-105.599961	
0.57747	-8.879377	-117.244534	-0.950129
-0.004034	-0.655551	-63.851735	
0.71831	-8.879377	-117.244534	-0.950129
-0.004034	-0.266570	-31.564791	
0.85916	-8.879377	-117.244534	-0.950129
-0.004034	-0.093054	-21.135242	
1.00000	-8.879377	-117.244534	-0.950129
-0.004034	-0.344745	-15.707781	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2428
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.365588	72.214875	0.618417
0.003612	0.690548	169.044804	
0.57747	10.365588	72.214875	0.618417
0.003612	0.431185	140.940727	
0.71831	10.365588	72.214875	0.618417
0.003612	0.171692	120.004298	
0.85916	10.365588	72.214875	0.618417
0.003612	0.144223	109.093828	
1.00000	10.365588	72.214875	0.618417
0.003612	0.544035	110.389079	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.644918	-109.283856	-0.955476
-0.003670	-1.058772	-134.441585	
0.57747	-7.644918	-109.283856	-0.955476
-0.003670	-0.659991	-94.854076	
0.71831	-7.644918	-109.283856	-0.955476
-0.003670	-0.267225	-63.131190	
0.85916	-7.644918	-109.283856	-0.955476
-0.003670	-0.093364	-43.038127	
1.00000	-7.644918	-109.283856	-0.955476
-0.003670	-0.347469	-40.392124	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.309207	7.773611	0.172901
6.89E-06	0.191457	20.608821	
0.57747	4.309207	7.773611	0.172901
6.89E-06	0.118989	17.358331	
0.71831	4.309207	7.773611	0.172901
6.89E-06	0.046533	14.131120	
0.85916	4.309207	7.773611	0.172901
6.89E-06	0.037035	10.967986	
1.00000	4.309207	7.773611	0.172901
6.89E-06	0.145424	7.860005	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.264382	-16.285076	-0.258359
-0.000458	-0.287948	-70.937350	
0.57747	-0.264382	-16.285076	-0.258359
-0.000458	-0.179610	-64.265777	
0.71831	-0.264382	-16.285076	-0.258359
-0.000458	-0.071270	-57.624534	
0.85916	-0.264382	-16.285076	-0.258359
-0.000458	-0.026060	-51.005921	
1.00000	-0.264382	-16.285076	-0.258359
-0.000458	-0.098556	-44.450567	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.005973	11.122610	0.279288
0.000201	0.310356	28.281384	
0.57747	8.005973	11.122610	0.279288
0.000201	0.193240	24.008877	
0.71831	8.005973	11.122610	0.279288
0.000201	0.076104	20.315749	
0.85916	8.005973	11.122610	0.279288
0.000201	0.063442	17.232561	
1.00000	8.005973	11.122610	0.279288
0.000201	0.244733	14.797911	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.021510	-42.641370	-0.432180
-0.001037	-0.480193	-124.877536	
0.57747	-1.021510	-42.641370	-0.432180
-0.001037	-0.299990	-107.982276	
0.71831	-1.021510	-42.641370	-0.432180
-0.001037	-0.118356	-92.136111	
0.85916	-1.021510	-42.641370	-0.432180
-0.001037	-0.041520	-76.709321	
1.00000	-1.021510	-42.641370	-0.432180
-0.001037	-0.158199	-61.781009	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2429
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.229082	10.657738	0.292191
0.000537	0.325428	46.835799	
0.57747	11.229082	10.657738	0.292191
0.000537	0.202863	43.971477	
0.71831	11.229082	10.657738	0.292191
0.000537	0.080143	42.853303	
0.85916	11.229082	10.657738	0.292191
0.000537	0.079311	45.962366	
1.00000	11.229082	10.657738	0.292191
0.000537	0.320165	63.672096	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.921535	-95.169174	-0.575135
-0.001429	-0.644701	-155.239439	
0.57747	-0.921535	-95.169174	-0.575135
-0.001429	-0.403726	-116.297659	
0.71831	-0.921535	-95.169174	-0.575135
-0.001429	-0.163575	-79.532707	
0.85916	-0.921535	-95.169174	-0.575135
-0.001429	-0.043510	-65.294228	
1.00000	-0.921535	-95.169174	-0.575135
-0.001429	-0.164691	-55.858034	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.582872	57.932191	0.527111
0.003873	0.588010	152.633635	
0.57747	11.582872	57.932191	0.527111
0.003873	0.366937	130.685025	
0.71831	11.582872	57.932191	0.527111
0.003873	0.145716	117.059342	
0.85916	11.582872	57.932191	0.527111
0.003873	0.133512	114.931431	
1.00000	11.582872	57.932191	0.527111
0.003873	0.494573	124.544857	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.397608	-114.951477	-0.863404
-0.004272	-0.953812	-145.089465	
0.57747	-5.397608	-114.951477	-0.863404
-0.004272	-0.593985	-104.260917	
0.71831	-5.397608	-114.951477	-0.863404
-0.004272	-0.241161	-72.513206	
0.85916	-5.397608	-114.951477	-0.863404
-0.004272	-0.082026	-58.715650	
1.00000	-5.397608	-114.951477	-0.863404
-0.004272	-0.296713	-49.302391	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.458262	68.586969	0.884572
0.000996	0.988310	91.803771	
0.57747	0.458262	68.586969	0.884572
0.000996	0.617388	63.396146	
0.71831	0.458262	68.586969	0.884572
0.000996	0.246181	35.309447	
0.85916	0.458262	68.586969	0.884572
0.000996	0.136677	8.469171	
1.00000	0.458262	68.586969	0.884572
0.000996	0.551849	3.218433	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.477875	-12.093780	-0.988140
-0.000156	-1.105127	-29.130191	
0.57747	-9.477875	-12.093780	-0.988140
-0.000156	-0.690586	-24.396762	
0.71831	-9.477875	-12.093780	-0.988140
-0.000156	-0.275652	-20.108300	
0.85916	-9.477875	-12.093780	-0.988140
-0.000156	-0.123474	-16.930253	
1.00000	-9.477875	-12.093780	-0.988140
-0.000156	-0.494999	-33.669091	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2430
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.494515	96.675321	1.204205
0.007353	1.344795	184.525540	
0.57747	5.494515	96.675321	1.204205
0.007353	0.839644	148.941332	
0.71831	5.494515	96.675321	1.204205
0.007353	0.335172	126.499571	
0.85916	5.494515	96.675321	1.204205
0.007353	0.241339	120.307136	
1.00000	5.494515	96.675321	1.204205
0.007353	0.880829	128.463933	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.669991	-92.366780	-1.527466
-0.006210	-1.684303	-65.121004	
0.57747	-11.669991	-92.366780	-1.527466
-0.006210	-1.049617	-34.583236	
0.71831	-11.669991	-92.366780	-1.527466
-0.006210	-0.421854	-26.026535	
0.85916	-11.669991	-92.366780	-1.527466
-0.006210	-0.191546	-20.146530	
1.00000	-11.669991	-92.366780	-1.527466
-0.006210	-0.678469	-24.281199	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.096563	87.353687	1.150737
0.005579	1.284877	171.693321	
0.57747	8.096563	87.353687	1.150737
0.005579	0.802598	140.085068	
0.71831	8.096563	87.353687	1.150737
0.005579	0.319232	119.248659	
0.85916	8.096563	87.353687	1.150737
0.005579	0.236029	116.923658	
1.00000	8.096563	87.353687	1.150737
0.005579	0.897985	132.082178	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-10.709217	-115.182227	-1.577088
-0.004757	-1.748449	-97.508011	
0.57747	-10.709217	-115.182227	-1.577088
-0.004757	-1.090757	-56.192852	
0.71831	-10.709217	-115.182227	-1.577088
-0.004757	-0.437281	-31.126280	
0.85916	-10.709217	-115.182227	-1.577088
-0.004757	0.176732	-19.701503	
1.00000	-10.709217	-115.182227	-1.577088
-0.004757	-0.647274	-22.621759	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.285302	77.333186	1.071076
0.004634	1.194610	154.494782	
0.57747	9.285302	77.333186	1.071076
0.004634	0.745721	126.265613	
0.71831	9.285302	77.333186	1.071076
0.004634	0.295903	107.014888	
0.85916	9.285302	77.333186	1.071076
0.004634	0.224085	103.128637	
1.00000	9.285302	77.333186	1.071076
0.004634	0.856292	113.776306	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.487125	-113.334246	-1.506304
-0.004223	-1.670799	-133.094959	
0.57747	-9.487125	-113.334246	-1.506304
-0.004223	-1.044201	-91.572269	
0.71831	-9.487125	-113.334246	-1.506304
-0.004223	-0.416828	-63.712895	
0.85916	-9.487125	-113.334246	-1.506304
-0.004223	-0.164618	-47.605159	
1.00000	-9.487125	-113.334246	-1.506304
-0.004223	-0.603617	-43.299676	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2431
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.818656	9.477936	0.237774
0.004556	0.265270	54.424852	
0.57747	5.818656	9.477936	0.237774
0.004556	0.165763	55.957426	
0.71831	5.818656	9.477936	0.237774
0.004556	0.066166	68.819008	
0.85916	5.818656	9.477936	0.237774
0.004556	0.086948	96.460940	
1.00000	5.818656	9.477936	0.237774
0.004556	0.286963	129.708402	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.748601	-88.124663	-0.480185
-0.004532	-0.520729	-46.027013	
0.57747	-0.748601	-88.124663	-0.480185
-0.004532	-0.323658	-16.457744	
0.71831	-0.748601	-88.124663	-0.480185
-0.004532	-0.126780	-4.886946	
0.85916	-0.748601	-88.124663	-0.480185
-0.004532	-0.049662	-3.850208	
1.00000	-0.748601	-88.124663	-0.480185
-0.004532	-0.136267	-2.836296	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.346659	10.808862	0.319066
0.004401	0.355390	56.310616	
0.57747	9.346659	10.808862	0.319066
0.004401	0.221570	57.044673	
0.71831	9.346659	10.808862	0.319066
0.004401	0.088032	68.614237	
0.85916	9.346659	10.808862	0.319066
0.004401	0.110335	99.116669	
1.00000	9.346659	10.808862	0.319066
0.004401	0.395623	137.704946	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.295271	-119.974363	-0.678980
-0.004695	-0.745096	-97.192078	
0.57747	-1.295271	-119.974363	-0.678980
-0.004695	-0.364089	-53.985691	
0.71831	-1.295271	-119.974363	-0.678980
-0.004695	-0.186995	-26.775228	
0.85916	-1.295271	-119.974363	-0.678980
-0.004695	-0.060444	-16.519352	
1.00000	-1.295271	-119.974363	-0.678980
-0.004695	-0.181758	-12.465293	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.453261	79.055263	0.879201
0.003511	0.981499	189.558781	
0.57747	8.453261	79.055263	0.879201
0.003511	0.613013	160.620800	
0.71831	8.453261	79.055263	0.879201
0.003511	0.243569	139.482934	
0.85916	8.453261	79.055263	0.879201
0.003511	0.192807	133.121367	
1.00000	8.453261	79.055263	0.879201
0.003511	0.749809	134.195737	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.178051	-105.758790	-1.324341
-0.003204	-1.472211	-103.317727	
0.57747	-8.178051	-105.758790	-1.324341
-0.003204	-0.919039	-64.200562	
0.71831	-8.178051	-105.758790	-1.324341
-0.003204	-0.366136	-36.220541	
0.85916	-8.178051	-105.758790	-1.324341
-0.003204	-0.132750	-24.061648	
1.00000	-8.178051	-105.758790	-1.324341
-0.003204	-0.493866	-17.343959	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2432
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.762729	71.787822	0.847605
0.002941	0.944502	174.058691	
0.57747	9.762729	71.787822	0.847605
0.002941	0.589129	147.440403	
0.71831	9.762729	71.787822	0.847605
0.002941	0.232965	127.332633	
0.85916	9.762729	71.787822	0.847605
0.002941	0.190662	119.619044	
1.00000	9.762729	71.787822	0.847605
0.002941	0.742743	118.183271	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.116841	-102.708191	-1.313623
-0.002948	-1.460475	-141.410428	
0.57747	-7.116841	-102.708191	-1.313623
-0.002948	-0.911464	-102.809948	
0.71831	-7.116841	-102.708191	-1.313623
-0.002948	-0.364397	-73.530199	
0.85916	-7.116841	-102.708191	-1.313623
-0.002948	-0.126598	-57.296087	
1.00000	-7.116841	-102.708191	-1.313623
-0.002948	-0.477699	-45.900479	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.471785	10.202850	0.192088
4.04E-06	0.211781	28.567910	
0.57747	4.471785	10.202850	0.192088
4.04E-06	0.131003	24.299831	
0.71831	4.471785	10.202850	0.192088
4.04E-06	0.050567	20.055195	
0.85916	4.471785	10.202850	0.192088
4.04E-06	0.049742	15.834050	
1.00000	4.471785	10.202850	0.192088
4.04E-06	0.197306	11.667399	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.347201	-20.331493	-0.352274
-0.000416	-0.392551	-85.873484	
0.57747	-0.347201	-20.331493	-0.352274
-0.000416	-0.244607	-77.441210	
0.71831	-0.347201	-20.331493	-0.352274
-0.000416	-0.096943	-69.037986	
0.85916	-0.347201	-20.331493	-0.352274
-0.000416	-0.030084	-60.704694	
1.00000	-0.347201	-20.331493	-0.352274
-0.000416	-0.110198	-52.439683	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.701726	14.239260	0.321962
0.000130	0.355921	38.317631	
0.57747	7.701726	14.239260	0.321962
0.000130	0.220997	32.627528	
0.71831	7.701726	14.239260	0.321962
0.000130	0.086083	27.250404	
0.85916	7.701726	14.239260	0.321962
0.000130	0.081138	22.386859	
1.00000	7.701726	14.239260	0.321962
0.000130	0.321220	18.388915	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.218882	-47.564761	-0.572695
-0.000880	-0.637844	-143.227582	
0.57747	-1.218882	-47.564761	-0.572695
-0.000880	-0.397679	-123.852174	
0.71831	-1.218882	-47.564761	-0.572695
-0.000880	-0.157275	-105.223259	
0.85916	-1.218882	-47.564761	-0.572695
-0.000880	-0.049859	-87.576617	
1.00000	-1.218882	-47.564761	-0.572695
-0.000880	-0.183677	-70.704112	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2433
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.532185	13.290178	0.377820
0.000219	0.418764	52.614313	
0.57747	10.532185	13.290178	0.377820
0.000219	0.260348	49.649340	
0.71831	10.532185	13.290178	0.377820
0.000219	0.101200	49.438196	
0.85916	10.532185	13.290178	0.377820
0.000219	0.107062	57.733565	
1.00000	10.532185	13.290178	0.377820
0.000219	0.437502	73.417530	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.032950	-91.094688	-0.785950
-0.000957	-0.878876	-161.710074	
0.57747	-1.032950	-91.094688	-0.785950
-0.000957	-0.549059	-125.792623	
0.71831	-1.032950	-91.094688	-0.785950
-0.000957	-0.217890	-92.338920	
0.85916	-1.032950	-91.094688	-0.785950
-0.000957	-0.055664	-75.825879	
1.00000	-1.032950	-91.094688	-0.785950
-0.000957	-0.214314	-63.647142	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.977348	59.351005	0.708270
0.002910	0.788335	163.153624	
0.57747	10.977348	59.351005	0.708270
0.002910	0.491367	141.970949	
0.71831	10.977348	59.351005	0.708270
0.002910	0.193907	127.821305	
0.85916	10.977348	59.351005	0.708270
0.002910	0.176257	126.477116	
1.00000	10.977348	59.351005	0.708270
0.002910	0.678396	131.215385	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.111140	-106.160817	-1.197140
-0.003222	-1.329229	-154.388896	
0.57747	-5.111140	-106.160817	-1.197140
-0.003222	-0.829400	-114.659038	
0.71831	-5.111140	-106.160817	-1.197140
-0.003222	-0.330979	-84.987799	
0.85916	-5.111140	-106.160817	-1.197140
-0.003222	-0.110881	-68.982117	
1.00000	-5.111140	-106.160817	-1.197140
-0.003222	-0.400515	-56.823501	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.582872	100.517272	0.851951
0.007480	0.952360	188.852212	
0.57747	11.582872	100.517272	0.851951
0.007480	0.595092	157.415609	
0.71831	11.582872	100.517272	0.851951
0.007480	0.237775	134.543663	
0.85916	11.582872	100.517272	0.851951
0.007480	0.180704	123.692547	
1.00000	11.582872	100.517272	0.851951
0.007480	0.642175	133.039907	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.370625	-133.699625	-1.124023
-0.006236	-1.243486	-155.239439	
0.57747	-12.370625	-133.699625	-1.124023
-0.006236	-0.774906	-116.297659	
0.71831	-12.370625	-133.699625	-1.124023
-0.006236	-0.315074	-92.136111	
0.85916	-12.370625	-133.699625	-1.124023
-0.006236	-0.130314	-76.709321	
1.00000	-12.370625	-133.699625	-1.124023
-0.006236	-0.476709	-61.781009	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.977348	96.675321	1.204205
0.007353	1.344795	189.588781	
0.57747	10.977348	96.675321	1.204205
0.007353	0.839644	160.620800	
0.71831	10.977348	96.675321	1.204205
0.007353	0.335172	139.482934	
0.85916	10.977348	96.675321	1.204205
0.007353	0.241339	133.121367	
1.00000	10.977348	96.675321	1.204205
0.007353	0.897985	137.704946	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.669991	-119.974363	-1.577088
-0.006210	-1.748449	-161.710074	
0.57747	-11.669991	-119.974363	-1.577088
-0.006210	-1.090757	-125.792623	
0.71831	-11.669991	-119.974363	-1.577088
-0.006210	-0.437281	-105.223259	
0.85916	-11.669991	-119.974363	-1.577088
-0.006210	-0.191546	-87.576617	
1.00000	-11.669991	-119.974363	-1.577088
-0.006210	-0.678469	-70.704112	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.582872	100.517272	1.204205
0.007480	1.344795	189.588781	
0.57747	11.582872	100.517272	1.204205
0.007480	0.839644	160.620800	
0.71831	11.582872	100.517272	1.204205
0.007480	0.335172	139.482934	
0.85916	11.582872	100.517272	1.204205
0.007480	0.241339	133.121367	
1.00000	11.582872	100.517272	1.204205
0.007480	0.897985	137.704946	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.370625	-133.699625	-1.577088
-0.006236	-1.748449	-161.710074	
0.57747	-12.370625	-133.699625	-1.577088
-0.006236	-1.090757	-125.792623	
0.71831	-12.370625	-133.699625	-1.577088
-0.006236	-0.437281	-105.223259	
0.85916	-12.370625	-133.699625	-1.577088
-0.006236	-0.191546	-87.576617	
1.00000	-12.370625	-133.699625	-1.577088
-0.006236	-0.678469	-70.704112	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.582872	100.517272	1.204205
0.007480	1.344795	189.588781	
0.57747	11.582872	100.517272	1.204205
0.007480	0.839644	160.620800	
0.71831	11.582872	100.517272	1.204205
0.007480	0.335172	139.482934	
0.85916	11.582872	100.517272	1.204205
0.007480	0.241339	133.121367	
1.00000	11.582872	100.517272	1.204205
0.007480	0.897985	137.704946	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.370625	-133.699625	-1.577088
-0.006236	-1.748449	-161.710074	
0.57747	-12.370625	-133.699625	-1.577088
-0.006236	-1.090757	-125.792623	
0.71831	-12.370625	-133.699625	-1.577088
-0.006236	-0.437281	-105.223259	
0.85916	-12.370625	-133.699625	-1.577088
-0.006236	-0.191546	-87.576617	
1.00000	-12.370625	-133.699625	-1.577088
-0.006236	-0.678469	-70.704112	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2435

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 219 ========== LENGTH = 2.977474

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.438176	69.691333	0.623139
0.001072	0.350723	2.645173	
0.14085	0.438176	69.691333	0.623139
0.001072	0.089324	2.970063	
0.28169	0.438176	69.691333	0.623139
0.001072	0.195643	4.560652	
0.42254	0.438176	69.691333	0.623139
0.001072	0.489934	8.217244	
0.56339	0.438176	69.691333	0.623139
0.001072	0.784335	12.134044	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.728246	-9.642571	-0.702034
-7.19E-06	-0.393308	-23.177194	
0.14085	-9.728246	-9.642571	-0.702034
-7.19E-06	-0.098999	-51.954244	
0.28169	-9.728246	-9.642571	-0.702034
-7.19E-06	-0.171915	-81.096925	
0.42254	-9.728246	-9.642571	-0.702034
-7.19E-06	-0.433251	-110.247677	
0.56339	-9.728246	-9.642571	-0.702034
-7.19E-06	-0.694576	-139.426266	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.163655	164.891000	0.862644
0.007587	0.484893	120.221326	
0.14085	2.163655	164.891000	0.862644
0.007587	0.134974	95.446753	
0.28169	2.163655	164.891000	0.862644
0.007587	0.299688	72.958356	
0.42254	2.163655	164.891000	0.862644
0.007587	0.767768	69.706451	
0.56339	2.163655	164.891000	0.862644
0.007587	1.190070	80.184842	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.447854	-31.898784	-1.087523
-0.006074	-0.634452	-11.896435	
0.14085	-16.447854	-31.898784	-1.087523
-0.006074	-0.179787	-48.572602	
0.28169	-16.447854	-31.898784	-1.087523
-0.006074	-0.238590	-85.759565	
0.42254	-16.447854	-31.898784	-1.087523
-0.006074	-0.600408	-125.621018	
0.56339	-16.447854	-31.898784	-1.087523
-0.006074	-0.962174	-186.599439	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.365792	134.437730	0.797350
0.005554	0.448419	117.796162	
0.14085	6.365792	134.437730	0.797350
0.005554	0.122086	123.522679	
0.28169	6.365792	134.437730	0.797350
0.005554	0.317138	131.543639	
0.42254	6.365792	134.437730	0.797350
0.005554	0.786808	152.959023	
0.56339	6.365792	134.437730	0.797350
0.005554	1.266194	183.742358	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.146908	-78.328553	-1.149232
-0.004264	-0.661793	-11.522346	
0.14085	-14.146908	-78.328553	-1.149232
-0.004264	-0.180818	-46.024566	
0.28169	-14.146908	-78.328553	-1.149232
-0.004264	-0.220576	-80.842598	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2436

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-14.146908	-78.328553	-1.149232
-0.004264	-0.555053	-117.421704	
0.56339	-14.146908	-78.328553	-1.149232
-0.004264	-0.889413	-168.327954	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.147317	115.594119	0.765446
0.004653	0.430843	100.700552	
0.14085	8.147317	115.594119	0.765446
0.004653	0.116662	104.122627	
0.28169	8.147317	115.594119	0.765446
0.004653	0.307238	112.512796	
0.42254	8.147317	115.594119	0.765446
0.004653	0.763734	132.772096	
0.56339	8.147317	115.594119	0.765446
0.004653	1.228291	162.500291	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.293718	-81.021135	-1.112831
-0.004052	-0.638598	-32.574086	
0.14085	-12.293718	-81.021135	-1.112831
-0.004052	-0.172675	-55.428268	
0.28169	-12.293718	-81.021135	-1.112831
-0.004052	-0.210950	-78.938145	
0.42254	-12.293718	-81.021135	-1.112831
-0.004052	-0.532108	-105.333723	
0.56339	-12.293718	-81.021135	-1.112831
-0.004052	-0.853142	-144.648640	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.548163	63.730093	0.173149
0.005244	0.096853	129.153953	
0.14085	3.548163	63.730093	0.173149
0.005244	0.034246	121.399611	
0.28169	3.548163	63.730093	0.173149
0.005244	0.097043	113.809437	
0.42254	3.548163	63.730093	0.173149
0.005244	0.232893	121.242535	
0.56339	3.548163	63.730093	0.173149
0.005244	0.380628	139.861044	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.213445	-49.646724	-0.359802
-0.005079	-0.223001	-2.323378	
0.14085	-4.213445	-49.646724	-0.359802
-0.005079	-0.073156	-1.740102	
0.28169	-4.213445	-49.646724	-0.359802
-0.005079	-0.048316	-1.464037	
0.42254	-4.213445	-49.646724	-0.359802
-0.005079	-0.012975	-3.036881	
0.56339	-4.213445	-49.646724	-0.359802
-0.005079	-0.193596	-22.953649	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.032209	60.676587	0.215666
0.005077	0.121066	133.301249	
0.14085	8.032209	60.676587	0.215666
0.005077	0.040061	138.856158	
0.28169	8.032209	60.676587	0.215666
0.005077	0.143938	148.075078	
0.42254	8.032209	60.676587	0.215666
0.005077	0.351970	171.528825	
0.56339	8.032209	60.676587	0.215666
0.005077	0.571082	205.904650	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.498924	-87.365455	-0.529482
-0.005123	-0.317168	-12.609625	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2437

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.498924	-87.365455	-0.529482
-0.005123	-0.096133	-9.182242	
0.28169	-4.498924	-87.365455	-0.529482
-0.005123	-0.059538	-6.562113	
0.42254	-4.498924	-87.365455	-0.529482
-0.005123	-0.150185	-7.902364	
0.56339	-4.498924	-87.365455	-0.529482
-0.005123	-0.240668	-26.971682	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.715775	116.422450	0.624451
0.004525	0.350793	127.655310	
0.14085	7.715775	116.422450	0.624451
0.004525	0.095240	120.294950	
0.28169	7.715775	116.422450	0.624451
0.004525	0.269043	132.463679	
0.42254	7.715775	116.422450	0.624451
0.004525	0.667584	157.594582	
0.56339	7.715775	116.422450	0.624451
0.004525	1.074045	190.992034	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.095777	-84.618247	-0.974178
-0.003804	-0.560201	-15.695804	
0.14085	-11.095777	-84.618247	-0.974178
-0.003804	-0.152539	-17.598331	
0.28169	-11.095777	-84.618247	-0.974178
-0.003804	-0.172681	-45.821910	
0.42254	-11.095777	-84.618247	-0.974178
-0.003804	-0.434759	-77.222169	
0.56339	-11.095777	-84.618247	-0.974178
-0.003804	-0.696670	-121.468145	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.182496	101.776301	0.623248
0.003778	0.350669	110.519167	
0.14085	9.182496	101.776301	0.623248
0.003778	0.094843	102.496343	
0.28169	9.182496	101.776301	0.623248
0.003778	0.269487	110.925487	
0.42254	9.182496	101.776301	0.623248
0.003778	0.670797	131.291281	
0.56339	9.182496	101.776301	0.623248
0.003778	1.078725	158.820536	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.509276	-82.044564	-0.976871
-0.003685	-0.560026	-40.392284	
0.14085	-9.509276	-82.044564	-0.976871
-0.003685	-0.151025	-37.375149	
0.28169	-9.509276	-82.044564	-0.976871
-0.003685	-0.171846	-56.166975	
0.42254	-9.509276	-82.044564	-0.976871
-0.003685	-0.433381	-77.302261	
0.56339	-9.509276	-82.044564	-0.976871
-0.003685	-0.694782	-109.001519	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.354094	7.921066	0.167688
1.47E-05	0.094819	7.868525	
0.14085	4.354094	7.921066	0.167688
1.47E-05	0.024492	4.915305	
0.28169	4.354094	7.921066	0.167688
1.47E-05	0.071563	2.471227	
0.42254	4.354094	7.921066	0.167688
1.47E-05	0.181171	2.429303	
0.56339	4.354094	7.921066	0.167688
1.47E-05	0.290780	2.598992	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2438

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261092	-16.398134	-0.261377
-0.000799	-0.147672	-44.465740	
0.14085	-0.261092	-16.398134	-0.261377
-0.000799	-0.038013	-38.823662	
0.28169	-0.261092	-16.398134	-0.261377
-0.000799	-0.045822	-31.728355	
0.42254	-0.261092	-16.398134	-0.261377
-0.000799	-0.116150	-25.477526	
0.56339	-0.261092	-16.398134	-0.261377
-0.000799	-0.186473	-19.266158	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.006450	13.349439	0.279427
0.000355	0.156680	14.820385	
0.14085	8.006450	13.349439	0.279427
0.000355	0.041866	12.877002	
0.28169	8.006450	13.349439	0.279427
0.000355	0.118599	16.768071	
0.42254	8.006450	13.349439	0.279427
0.000355	0.298599	24.532588	
0.56339	8.006450	13.349439	0.279427
0.000355	0.479027	33.406173	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.148040	-41.316991	-0.430528
-0.001567	-0.243163	-61.807945	
0.14085	-1.148040	-41.316991	-0.430528
-0.001567	-0.062611	-50.108295	
0.28169	-1.148040	-41.316991	-0.430528
-0.001567	-0.075668	-39.197107	
0.42254	-1.148040	-41.316991	-0.430528
-0.001567	-0.112772	-30.789310	
0.56339	-1.148040	-41.316991	-0.430528
-0.001567	-0.310061	-24.700449	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.258622	14.091734	0.290994
0.000495	0.164216	63.669939	
0.14085	11.258622	14.091734	0.290994
0.000495	0.042390	86.434158	
0.28169	11.258622	14.091734	0.290994
0.000495	0.168575	112.781756	
0.42254	11.258622	14.091734	0.290994
0.000495	0.424758	142.955673	
0.56339	11.258622	14.091734	0.290994
0.000495	0.681690	174.259250	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.117600	-93.204993	-0.613126
-0.001471	-0.346817	-55.873172	
0.14085	-1.117600	-93.204993	-0.613126
-0.001471	-0.089715	-46.381693	
0.28169	-1.117600	-93.204993	-0.613126
-0.001471	-0.079585	-37.373284	
0.42254	-1.117600	-93.204993	-0.613126
-0.001471	-0.201808	-30.149568	
0.56339	-1.117600	-93.204993	-0.613126
-0.001471	-0.323877	-25.120516	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.169735	93.136717	0.527347
0.004065	0.296652	124.715864	
0.14085	10.169735	93.136717	0.527347
0.004065	0.160028	112.004659	
0.28169	10.169735	93.136717	0.527347
0.004065	0.244067	116.047329	
0.42254	10.169735	93.136717	0.527347
0.004065	0.606609	132.778625	
0.56339	10.169735	93.136717	0.527347
0.004065	0.976928	158.958177	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2439

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.615875	-82.663873	-0.887990
-0.004349	-0.512744	-49.307549	
0.14085	-7.615875	-82.663873	-0.887990
-0.004349	-0.141095	-39.931936	
0.28169	-7.615875	-82.663873	-0.887990
-0.004349	-0.145421	-46.567503	
0.42254	-7.615875	-82.663873	-0.887990
-0.004349	-0.366745	-60.120234	
0.56339	-7.615875	-82.663873	-0.887990
-0.004349	-0.587928	-86.077174	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.468651	68.086746	0.901872
0.001014	0.507243	3.212163	
0.14085	0.468651	68.086746	0.901872
0.001014	0.128556	3.351670	
0.28169	0.468651	68.086746	0.901872
0.001014	0.273468	4.487324	
0.42254	0.468651	68.086746	0.901872
0.001014	0.688900	8.880459	
0.56339	0.468651	68.086746	0.901872
0.001014	1.103755	13.649591	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.451793	-12.003314	-0.989143
-4.24E-06	-0.555043	-33.689211	
0.14085	-9.451793	-12.003314	-0.989143
-4.24E-06	-0.139533	-58.544654	
0.28169	-9.451793	-12.003314	-0.989143
-4.24E-06	-0.248478	-83.831434	
0.42254	-9.451793	-12.003314	-0.989143
-4.24E-06	-0.626916	-111.659872	
0.56339	-9.451793	-12.003314	-0.989143
-4.24E-06	-1.005166	-139.889531	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.310330	158.556794	1.222313
0.007541	0.692705	128.502669	
0.14085	2.310330	158.556794	1.222313
0.007541	0.198458	102.621408	
0.28169	2.310330	158.556794	1.222313
0.007541	0.421464	78.646201	
0.42254	2.310330	158.556794	1.222313
0.007541	1.050983	74.963069	
0.56339	2.310330	158.556794	1.222313
0.007541	1.688981	85.166840	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.522837	-33.219341	-1.534535
-0.006109	-0.888630	-24.296850	
0.14085	-15.522837	-33.219341	-1.534535
-0.006109	-0.246333	-54.347811	
0.28169	-15.522837	-33.219341	-1.534535
-0.006109	-0.336896	-85.532463	
0.42254	-15.522837	-33.219341	-1.534535
-0.006109	-0.849035	-122.556744	
0.56339	-15.522837	-33.219341	-1.534535
-0.006109	-1.361691	-185.620511	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.895532	131.192840	1.168550
0.005702	0.661084	132.086485	
0.14085	5.895532	131.192840	1.168550
0.005702	0.183342	133.256891	
0.28169	5.895532	131.192840	1.168550
0.005702	0.438781	136.350303	
0.42254	5.895532	131.192840	1.168550
0.005702	1.099378	154.386622	
0.56339	5.895532	131.192840	1.168550
0.005702	1.765519	182.435322	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2440

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.418254	-73.655005	-1.597132
-0.004488	-0.914802	-22.633289	
0.14085	-13.418254	-73.655005	-1.597132
-0.004488	-0.244426	-50.944697	
0.28169	-13.418254	-73.655005	-1.597132
-0.004488	-0.321091	-80.188722	
0.42254	-13.418254	-73.655005	-1.597132
-0.004488	-0.811806	-114.062623	
0.56339	-13.418254	-73.655005	-1.597132
-0.004488	-1.301667	-166.513899	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.479681	113.781939	1.086453
0.004769	0.615016	113.786688	
0.14085	7.479681	113.781939	1.086453
0.004769	0.169715	113.152814	
0.28169	7.479681	113.781939	1.086453
0.004769	0.418447	116.488586	
0.42254	7.479681	113.781939	1.086453
0.004769	1.050108	134.017109	
0.56339	7.479681	113.781939	1.086453
0.004769	1.686209	161.715016	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.733944	-79.087299	-1.523992
-0.004172	-0.870796	-43.326877	
0.14085	-11.733944	-79.087299	-1.523992
-0.004172	-0.231204	-60.336684	
0.28169	-11.733944	-79.087299	-1.523992
-0.004172	-0.297962	-79.314844	
0.42254	-11.733944	-79.087299	-1.523992
-0.004172	-0.754235	-103.676877	
0.56339	-11.733944	-79.087299	-1.523992
-0.004172	-1.209660	-144.991792	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.625162	53.371271	0.237494
0.004445	0.137226	129.721069	
0.14085	3.625162	53.371271	0.237494
0.004445	0.050920	125.111339	
0.28169	3.625162	53.371271	0.237494
0.004445	0.134277	120.661679	
0.42254	3.625162	53.371271	0.237494
0.004445	0.329651	128.368246	
0.56339	3.625162	53.371271	0.237494
0.004445	0.531461	145.526438	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.470281	-47.167651	-0.490762
-0.004281	-0.294197	-2.822274	
0.14085	-3.470281	-47.167651	-0.490762
-0.004281	-0.089651	-1.902562	
0.28169	-3.470281	-47.167651	-0.490762
-0.004281	-0.065544	-1.278539	
0.42254	-3.470281	-47.167651	-0.490762
-0.004281	-0.164975	-2.975716	
0.56339	-3.470281	-47.167651	-0.490762
-0.004281	-0.264338	-22.703743	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.287383	52.791450	0.323721
0.004427	0.186138	137.709122	
0.14085	7.287383	52.791450	0.323721
0.004427	0.063107	144.033548	
0.28169	7.287383	52.791450	0.323721
0.004427	0.190673	153.815943	
0.42254	7.287383	52.791450	0.323721

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 0.004427     0.475787   175.925861
0.56339      7.287383    52.791450     0.323721
 0.004427     0.766190   207.284504
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2441

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -3.877278  -81.236967   -0.700404
-0.004438   -0.410660  -12.456362
0.14085    -3.877278  -81.236967   -0.700404
-0.004438   -0.116057   -8.760196
0.28169    -3.877278  -81.236967   -0.700404
-0.004438   -0.088444   -7.013203
0.42254    -3.877278  -81.236967   -0.700404
-0.004438   -0.224241   -8.122933
0.56339    -3.877278  -81.236967   -0.700404
-0.004438   -0.359774  -27.193468

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.143788   105.531937    0.892624
 0.003741    0.504323   134.153969
0.14085     7.143788   105.531937    0.892624
 0.003741    0.137867   124.576690
0.28169     7.143788   105.531937    0.892624
 0.003741    0.370356   136.962072
0.42254     7.143788   105.531937    0.892624
 0.003741    0.929435   161.664007
0.56339     7.143788   105.531937    0.892624
 0.003741    1.491479   193.065896

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -9.805868  -80.737530   -1.345052
-0.003069   -0.765665  -17.320758
0.14085    -9.805868  -80.737530   -1.345052
-0.003069   -0.199826  -16.894680
0.28169    -9.805868  -80.737530   -1.345052
-0.003069   -0.244749  -41.166942
0.42254    -9.805868  -80.737530   -1.345052
-0.003069   -0.619856  -70.422731
0.56339    -9.805868  -80.737530   -1.345052
-0.003069   -0.994021 -111.990990

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     8.686475   94.081502    0.852984
 0.003122    0.482241  118.158451
0.14085     8.686475   94.081502    0.852984
 0.003122    0.131019  107.643589
0.28169     8.686475   94.081502    0.852984
 0.003122    0.366460  115.072145
0.42254     8.686475   94.081502    0.852984
 0.003122    0.921326  134.685115
0.56339     8.686475   94.081502    0.852984
 0.003122    1.478680  160.697810

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -8.482086  -81.878611   -1.333136
-0.003040   -0.757577  -45.897457
0.14085    -8.482086  -81.878611   -1.333136
-0.003040   -0.197056  -39.683634
0.28169    -8.482086  -81.878611   -1.333136
-0.003040   -0.233157  -53.685831
0.42254    -8.482086  -81.878611   -1.333136
-0.003040   -0.591640  -73.345752
0.56339    -8.482086  -81.878611   -1.333136
-0.003040   -0.949244 -103.729047

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     4.501876   10.351573    0.180839
 1.10E-05    0.102386   11.662191
0.14085     4.501876   10.351573    0.180839
 1.10E-05    0.026490    7.681935
0.28169     4.501876   10.351573    0.180839
 1.10E-05    0.098068    3.984858
0.42254     4.501876   10.351573    0.180839
 1.10E-05    0.169863    3.073734
0.56339     4.501876   10.351573    0.180839
 1.10E-05    0.400009    3.487979
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2442

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.341654  -20.517831   -0.359345
-0.000757   -0.202549   -52.462399
0.14085    -0.341654  -20.517831   -0.359345
-0.000757   -0.051635   -44.242044
0.28169    -0.341654  -20.517831   -0.359345
-0.000757   -0.048976   -36.135665
0.42254    -0.341654  -20.517831   -0.359345
-0.000757   -0.124800   -30.105073
0.56339    -0.341654  -20.517831   -0.359345
-0.000757   -0.200804   -25.258389

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     7.690465   15.716902    0.317676
 0.000269    0.180134   18.411343
0.14085     7.690465   15.716902    0.317676
 0.000269    0.047936   15.960449
0.28169     7.690465   15.716902    0.317676
 0.000269    0.158969   18.728574
0.42254     7.690465   15.716902    0.317676
 0.000269    0.403357   26.451385
0.56339     7.690465   15.716902    0.317676
 0.000269    0.647286   36.093115

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.286895  -46.905568   -0.581706
-0.001381   -0.327586   -70.744558
0.14085    -1.286895  -46.905568   -0.581706
-0.001381   -0.083326   -56.145457
0.28169    -1.286895  -46.905568   -0.581706
-0.001381   -0.085994   -44.469016
0.42254    -1.286895  -46.905568   -0.581706
-0.001381   -0.219186   -36.440065
0.56339    -1.286895  -46.905568   -0.581706
-0.001381   -0.352282   -31.273572

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    10.651437   13.468415    0.371223
 6.77E-05    0.209579   73.403011
0.14085    10.651437   13.468415    0.371223
 6.77E-05    0.053663   93.817909
0.28169    10.651437   13.468415    0.371223
 6.77E-05    0.221329  117.764363
0.42254    10.651437   13.468415    0.371223
 6.77E-05    0.562652  145.671948
0.56339    10.651437   13.468415    0.371223
 6.77E-05    0.902468  174.987276

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -1.009416  -92.106147   -0.809515
-0.000989   -0.454043  -63.669391
0.14085    -1.009416  -92.106147   -0.809515
-0.000989   -0.113144  -51.723450
0.28169    -1.009416  -92.106147   -0.809515
-0.000989   -0.100207  -41.582628
0.42254    -1.009416  -92.106147   -0.809515
-0.000989   -0.256658  -34.539036
0.56339    -1.009416  -92.106147   -0.809515
-0.000989   -0.412237  -29.388628

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     9.805962   83.704251    0.706752
 0.003032    0.400217  131.203603
0.14085     9.805962   83.704251    0.706752
 0.003032    0.111041  119.904853
0.28169     9.805962   83.704251    0.706752
 0.003032    0.334303  122.481931
0.42254     9.805962   83.704251    0.706752
 0.003032    0.841229  139.718536
0.56339     9.805962   83.704251    0.706752
 0.003032    1.350789  164.591963
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2443

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -6.600410  -83.531536   -1.219345
-0.003313   -0.694813  -56.315849
0.14085    -6.600410  -83.531536   -1.219345
-0.003313   -0.182801  -45.016655
0.28169    -6.600410  -83.531536   -1.219345
-0.003313   -0.193066  -47.538921
0.42254    -6.600410  -83.531536   -1.219345
-0.003313   -0.489810  -59.414556
0.56339    -6.600410  -83.531536   -1.219345
-0.003313   -0.786069  -83.665552

COMB      DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.258622  164.891000    0.862644
 0.007587    0.484893  133.301249
0.14085    11.258622  164.891000    0.862644
 0.007587    0.134974  138.856158
0.28169    11.258622  164.891000    0.862644
 0.007587    0.317138  148.075078
0.42254    11.258622  164.891000    0.862644
 0.007587    0.786808  171.528825
0.56339    11.258622  164.891000    0.862644
 0.007587    1.266194  205.904650

COMB      DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -16.447854  -93.204993   -1.149232
-0.006074   -0.661793  -61.807945
0.14085   -16.447854  -93.204993   -1.149232
-0.006074   -0.180818  -55.428268
0.28169   -16.447854  -93.204993   -1.149232
-0.006074   -0.238590  -85.759565
0.42254   -16.447854  -93.204993   -1.149232
-0.006074   -0.600408 -125.621018
0.56339   -16.447854  -93.204993   -1.149232
-0.006074   -0.962174 -186.599439

COMB      DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    10.651437  158.556794    1.222313
 0.007541    0.692705  137.709122
0.14085    10.651437  158.556794    1.222313
 0.007541    0.198458  144.033548
0.28169    10.651437  158.556794    1.222313
 0.007541    0.438781  153.815943
0.42254    10.651437  158.556794    1.222313
 0.007541    1.099378  175.925861
0.56339    10.651437  158.556794    1.222313
 0.007541    1.765519  207.284504

COMB      DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -15.522837  -92.106147   -1.597132
-0.006109   -0.914802  -70.744558
0.14085   -15.522837  -92.106147   -1.597132
-0.006109   -0.246333  -60.336684
0.28169   -15.522837  -92.106147   -1.597132
-0.006109   -0.336896  -85.532463
0.42254   -15.522837  -92.106147   -1.597132
-0.006109   -0.849035 -122.556744
0.56339   -15.522837  -92.106147   -1.597132
-0.006109   -1.361691 -185.620511

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.258622  164.891000    1.222313
 0.007587    0.692705  137.709122
0.14085    11.258622  164.891000    1.222313
 0.007587    0.198458  144.033548
0.28169    11.258622  164.891000    1.222313
 0.007587    0.438781  153.815943
0.42254    11.258622  164.891000    1.222313
 0.007587    1.099378  175.925861
0.56339    11.258622  164.891000    1.222313
 0.007587    1.765519  207.284504
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2444

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -16.447854  -93.204993   -1.597132
-0.006109   -0.914802  -70.744558
0.14085   -16.447854  -93.204993   -1.597132
-0.006109   -0.246333  -60.336684
0.28169   -16.447854  -93.204993   -1.597132
-0.006109   -0.336896  -85.759565
0.42254   -16.447854  -93.204993   -1.597132
-0.006109   -0.849035 -125.621018
0.56339   -16.447854  -93.204993   -1.597132
-0.006109   -1.361691 -186.599439

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    11.258622  164.891000    1.222313
 0.007587    0.692705  137.709122
0.14085    11.258622  164.891000    1.222313
 0.007587    0.198458  144.033548
0.28169    11.258622  164.891000    1.222313
 0.007587    0.438781  153.815943
0.42254    11.258622  164.891000    1.222313
 0.007587    1.099378  175.925861
0.56339    11.258622  164.891000    1.222313
 0.007587    1.765519  207.284504

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -16.447854  -93.204993   -1.597132
-0.006109   -0.914802  -70.744558
0.14085   -16.447854  -93.204993   -1.597132
-0.006109   -0.246333  -60.336684
0.28169   -16.447854  -93.204993   -1.597132
-0.006109   -0.336896  -85.759565
0.42254   -16.447854  -93.204993   -1.597132
-0.006109   -0.849035 -125.621018
0.56339   -16.447854  -93.204993   -1.597132
-0.006109   -1.361691 -186.599439

ELEM      220 ========== LENGTH
=    2.977334

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     0.181008   74.081681    0.596073
 0.000785    0.666175  102.375594
0.57747     0.181008   74.081681    0.596073
 0.000785    0.416222   71.374736
0.71832     0.181008   74.081681    0.596073
 0.000785    0.166247   40.461547
0.85916     0.181008   74.081681    0.596073
 0.000785    0.094179    9.842938
1.00000     0.181008   74.081681    0.596073
 0.000785    0.367474    2.541771

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -10.255241   -5.512901   -0.652089
-0.000516   -0.726297  -11.908408
0.57747    -10.255241   -5.512901   -0.652089
-0.000516   -0.452856   -9.759130
0.71832    -10.255241   -5.512901   -0.652089
-0.000516   -0.179437   -7.966522
0.85916    -10.255241   -5.512901   -0.652089
-0.000516   -0.083607   -6.346419
1.00000    -10.255241   -5.512901   -0.652089
-0.000516   -0.333638  -23.019037

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     4.547390  105.077685    0.818382
 0.007102    0.913973  195.031561
0.57747     4.547390  105.077685    0.818382
 0.007102    0.570799  155.681520
0.71832     4.547390  105.077685    0.818382
 0.007102    0.227560  128.540811
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2445

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.85916     4.547390  105.077685    0.818382
 0.007102    0.163724  119.048104
1.00000     4.547390  105.077685    0.818382
 0.007102    0.565088  122.660007

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -12.943570  -87.170836   -0.960000
-0.006764   -1.046162  -38.402797
0.57747    -12.943570  -87.170836   -0.960000
-0.006764   -0.644905  -16.158727
0.71832    -12.943570  -87.170836   -0.960000
-0.006764   -0.262417  -11.800831
0.85916    -12.943570  -87.170836   -0.960000
-0.006764   -0.129092   -9.265804
1.00000    -12.943570  -87.170836   -0.960000
-0.006764   -0.458733  -10.689824

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     7.834797   94.530981    0.784498
 0.005311    0.875822  182.527130
0.57747     7.834797   94.530981    0.784498
 0.005311    0.546857  147.602674
0.71832     7.834797   94.530981    0.784498
 0.005311    0.217846  121.847249
0.85916     7.834797   94.530981    0.784498
 0.005311    0.115276  110.559259
1.00000     7.834797   94.530981    0.784498
 0.005311    0.534368  122.390506

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -11.868924  -114.871071   -0.918325
-0.005071   -1.006682   -81.383246
0.57747    -11.868924  -114.871071   -0.918325
-0.005071   -0.622503   -42.203348
0.71832    -11.868924  -114.871071   -0.918325
-0.005071   -0.251084   -14.105422
0.85916    -11.868924  -114.871071   -0.918325
-0.005071   -0.120290    -9.553590
1.00000    -11.868924  -114.871071   -0.918325
-0.005071   -0.440056    -9.632761

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     9.518920   80.647092    0.788282
 0.004440    0.878945  157.209392
0.57747     9.518920   80.647092    0.788282
 0.004440    0.548397  127.314131
0.71832     9.518920   80.647092    0.788282
 0.004440    0.217850  105.015819
0.85916     9.518920   80.647092    0.788282
 0.004440    0.150777   94.866208
1.00000     9.518920   80.647092    0.788282
 0.004440    0.544799  103.810047

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -10.529777  -112.722204   -0.941026
-0.004378   -1.034215  -117.831803
0.57747    -10.529777  -112.722204   -0.941026
-0.004378   -0.640364   -78.353481
0.71832    -10.529777  -112.722204   -0.941026
-0.004378   -0.257094   -48.453272
0.85916    -10.529777  -112.722204   -0.941026
-0.004378   -0.120429   -38.478164
1.00000    -10.529777  -112.722204   -0.941026
-0.004378   -0.443329   -31.975260

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     5.749866    9.068447    0.150366
0.005451    0.167750   49.335915
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2446

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.57747     5.749866    9.068447    0.150366
0.005451    0.104678   50.639810
0.71832     5.749866    9.068447    0.150366
0.005451    0.041594   62.718863
0.85916     5.749866    9.068447    0.150366
0.005451    0.052672   92.538345
1.00000     5.749866    9.068447    0.150366
0.005451    0.149152  133.058580

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -0.693794  -99.553589   -0.232565
-0.005448   -0.241658  -41.446021
0.57747    -0.693794  -99.553589   -0.232565
-0.005448   -0.145205  -11.777087
0.71832    -0.693794  -99.553589   -0.232565
-0.005448   -0.064508   -3.005591
0.85916    -0.693794  -99.553589   -0.232565
-0.005448   -0.032728   -2.393455
1.00000    -0.693794  -99.553589   -0.232565
-0.005448   -0.084439   -1.792733

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663    10.101358    8.760857    0.239142
 0.005272    0.266338   50.230525
0.57747    10.101358    8.760857    0.239142
 0.005272    0.166059   51.892617
0.71832    10.101358    8.760857    0.239142
 0.005272    0.065782   63.974083
0.85916    10.101358    8.760857    0.239142
 0.005272    0.069652   92.669206
1.00000    10.101358    8.760857    0.239142
 0.005272    0.212520  138.475414

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -1.381414  -134.562816   -0.342663
-0.005375   -0.362845  -100.183095
0.57747    -1.381414  -134.562816   -0.342663
-0.005375   -0.220147   -54.277931
0.71832    -1.381414  -134.562816   -0.342663
-0.005375   -0.092047   -21.529058
0.85916    -1.381414  -134.562816   -0.342663
-0.005375   -0.045146   -15.587186
1.00000    -1.381414  -134.562816   -0.342663
-0.005375   -0.134800   -11.270120

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     9.235315   82.964657    0.626305
 0.004270    0.698540  191.531130
0.57747     9.235315   82.964657    0.626305
 0.004270    0.435910  160.958353
0.71832     9.235315   82.964657    0.626305
 0.004270    0.173280  138.048530
0.85916     9.235315   82.964657    0.626305
 0.004270    0.124016  127.875398
1.00000     9.235315   82.964657    0.626305
 0.004270    0.442177  133.733034

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -9.309280  -115.132213   -0.760278
-0.004176   -0.833493   -96.323921
0.57747    -9.309280  -115.132213   -0.760278
-0.004176   -0.515385   -55.556892
0.71832    -9.309280  -115.132213   -0.760278
-0.004176   -0.207625   -24.717004
0.85916    -9.309280  -115.132213   -0.760278
-0.004176   -0.096813   -18.189645
1.00000    -9.309280  -115.132213   -0.760278
-0.004176   -0.351995   -13.313660
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                2447

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     10.680397  71.630311    0.673738
 0.003568    0.749628  166.617422
0.57747     10.680397  71.630311    0.673738
 0.003568    0.467113  140.105602
0.71832     10.680397  71.630311    0.673738
 0.003568    0.184654  120.021698
0.85916     10.680397  71.630311    0.673738
 0.003568    0.102645  110.558525
1.00000     10.680397  71.630311    0.673738
 0.003568    0.472848  114.454990

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -7.935409  -109.334871   -0.818300
-0.003617   -0.900072  -132.050894
0.57747    -7.935409  -109.334871   -0.818300
-0.003617   -0.557520   -92.580705
0.71832    -7.935409  -109.334871   -0.818300
-0.003617   -0.223622   -61.184040
0.85916    -7.935409  -109.334871   -0.818300
-0.003617   -0.104243   -50.166032
1.00000    -7.935409  -109.334871   -0.818300
-0.003617   -0.380439   -40.710231

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     4.763829    4.409067    0.246774
1.13E-05    0.272149   12.728789
0.57747     4.763829    4.409067    0.246774
1.13E-05    0.166679   10.887625
0.71832     4.763829    4.409067    0.246774
1.13E-05    0.065195    9.058954
0.85916     4.763829    4.409067    0.246774
1.13E-05    0.041623    7.263698
1.00000     4.763829    4.409067    0.246774
1.13E-05    0.162806    5.553731

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -0.129738  -19.032566   -0.288733
-0.000167   -0.321497   -80.426671
0.57747    -0.129738  -19.032566   -0.288733
-0.000167   -0.200423   -72.497792
0.71832    -0.129738  -19.032566   -0.288733
-0.000167   -0.079352   -64.616370
0.85916    -0.129738  -19.032566   -0.288733
-0.000167   -0.038210   -56.743895
1.00000    -0.129738  -19.032566   -0.288733
-0.000167   -0.141728   -48.894586

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43663     8.600942    6.081308    0.384886
0.000300    0.426048   17.482901
0.57747     8.600942    6.081308    0.384886
0.000300    0.264651   15.081398
0.71832     8.600942    6.081308    0.384886
0.000300    0.103346   13.294059
0.85916     8.600942    6.081308    0.384886
0.000300    0.070987   12.282298
1.00000     8.600942    6.081308    0.384886
0.000300    0.273232   12.107180

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43663    -1.085809   -46.834345   -0.481881
-0.000590   -0.535077  -136.504765
0.57747    -1.085809   -46.834345   -0.481881
-0.000590   -0.333051  -117.786598
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0.71832    -1.085809   -46.834345    -0.481881
-0.000590   -0.131586  -100.123209
0.85916    -1.085809   -46.834345    -0.481881
-0.000590   -0.056568   -82.679609
1.00000    -1.085809   -46.834345    -0.481881
-0.000590   -0.219581   -66.177721
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2448

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   11.720285    6.119652    0.394982
 0.000726   0.437085   34.777822
0.57747   11.720285    6.119652    0.394982
 0.000726   0.271455   34.384444
0.71832   11.720285    6.119652    0.394982
 0.000726   0.105893   35.903419
0.85916   11.720285    6.119652    0.394982
 0.000726   0.072136   42.444099
1.00000   11.720285    6.119652    0.394982
 0.000726   0.278014   65.053607

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -0.786922   -99.065734    -0.490667
-0.001001   -0.545047  -162.128324
0.57747   -0.786922   -99.065734    -0.490667
-0.001001   -0.339356  -121.001263
0.71832   -0.786922   -99.065734    -0.490667
-0.001001   -0.134594   -83.783587
0.85916   -0.786922   -99.065734    -0.490667
-0.001001   -0.060482   -70.730636
1.00000   -0.786922   -99.065734    -0.490667
-0.001001   -0.225466   -59.230011

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045552   55.725834    0.601733
 0.003902   0.668249  146.826128
0.57747   12.045552   55.725834    0.601733
 0.003902   0.415923  127.317825
0.71832   12.045552   55.725834    0.601733
 0.003902   0.163642  115.187758
0.85916   12.045552   55.725834    0.601733
 0.003902   0.121350  114.978860
1.00000   12.045552   55.725834    0.601733
 0.003902   0.432547  127.974387

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -5.486077  -116.409426    -0.743329
-0.003987   -0.814719  -147.141391
0.57747   -5.486077  -116.409426    -0.743329
-0.003987   -0.503725  -105.732714
0.71832   -5.486077  -116.409426    -0.743329
-0.003987   -0.202931   -73.649460
0.85916   -5.486077  -116.409426    -0.743329
-0.003987   -0.061155   -61.758241
1.00000   -5.486077  -116.409426    -0.743329
-0.003987   -0.341090   -51.348332

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    0.281397   73.818296    0.820934
 0.000653   0.916439  100.082121
0.57747    0.281397   73.818296    0.820934
 0.000653   0.572171   69.331293
0.71832    0.281397   73.818296    0.820934
 0.000653   0.227756   38.913689
0.85916    0.281397   73.818296    0.820934
 0.000653   0.116852    9.865808
1.00000    0.281397   73.818296    0.820934
 0.000653   0.466014    3.229279

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663  -10.635001   -7.839378    -0.831204
-0.000409   -0.927688  -20.300777
0.57747  -10.635001   -7.839378    -0.831204
-0.000409   -0.579067  -17.188646
0.71832  -10.635001   -7.839378    -0.831204
-0.000409   -0.230095  -14.540392
0.85916  -10.635001   -7.839378    -0.831204
-0.000409   -0.115459  -13.123946
1.00000  -10.635001   -7.839378    -0.831204
-0.000409   -0.460220  -33.210344
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2449

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    5.614733  103.168702    1.100676
 0.006955   1.224744  199.349909
0.57747    5.614733  103.168702    1.100676
 0.006955   0.764402  161.557555
0.71832    5.614733  103.168702    1.100676
 0.006955   0.303468  136.920635
0.85916    5.614733  103.168702    1.100676
 0.006955   0.206342  127.596966
1.00000    5.614733  103.168702    1.100676
 0.006955   0.728560  132.730751

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663  -12.858744   -86.699903    -1.247430
-0.006678   -1.365401   -52.742585
0.57747  -12.858744   -86.699903    -1.247430
-0.006678   -0.846541   -25.877924
0.71832  -12.858744   -86.699903    -1.247430
-0.006678   -0.340503   -19.833058
0.85916  -12.858744   -86.699903    -1.247430
-0.006678   -0.181738   -15.884359
1.00000  -12.858744   -86.699903    -1.247430
-0.006678   -0.630742   -22.713435

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    8.118995   92.388501    1.059357
 0.005311   1.181070  183.163846
0.57747    8.118995   92.388501    1.059357
 0.005311   0.737722  150.323720
0.71832    8.118995   92.388501    1.059357
 0.005311   0.293258  128.685768
0.85916    8.118995   92.388501    1.059357
 0.005311   0.191757  125.269145
1.00000    8.118995   92.388501    1.059357
 0.005311   0.706960  138.902377

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663  -11.804776  -111.339533    -1.228042
-0.005089   -1.352442   -85.306196
0.57747  -11.804776  -111.339533    -1.228042
-0.005089   -0.840051   -46.910201
0.71832  -11.804776  -111.339533    -1.228042
-0.005089   -0.336245   -24.026780
0.85916  -11.804776  -111.339533    -1.228042
-0.005089   -0.166595   -15.890685
1.00000  -11.804776  -111.339533    -1.228042
-0.005089   -0.601922   -20.594337

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    9.544972   79.942170    1.084935
 0.004437   1.208871  161.153799
0.57747    9.544972   79.942170    1.084935
 0.004437   0.754665  132.553580
0.71832    9.544972   79.942170    1.084935
 0.004437   0.299569  113.268475
0.85916    9.544972   79.942170    1.084935
 0.004437   0.192742  109.099085
1.00000    9.544972   79.942170    1.084935
 0.004437   0.718841  119.086802

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663  -10.620282  -112.429226    -1.253758
-0.004358   -1.383374  -128.386496
0.57747  -10.620282  -112.429226    -1.253758
-0.004358   -0.859684   -88.348198
0.71832  -10.620282  -112.429226    -1.253758
-0.004358   -0.343334   -61.318129
0.85916  -10.620282  -112.429226    -1.253758
-0.004358   -0.168374   -46.939555
1.00000  -10.620282  -112.429226    -1.253758
-0.004358   -0.615633   -33.055343
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2450

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    6.167296    9.660165    0.195213
 0.004567   0.215513   58.353591
0.57747    6.167296    9.660165    0.195213
 0.004567   0.134549   60.590717
0.71832    6.167296    9.660165    0.195213
 0.004567   0.053518   74.506031
0.85916    6.167296    9.660165    0.195213
 0.004567   0.067827  102.307888
1.00000    6.167296    9.660165    0.195213
 0.004567   0.206530  135.742419

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -0.723809   -87.534450    -0.333573
-0.004561   -0.354287   -42.377847
0.57747   -0.723809   -87.534450    -0.333573
-0.004561   -0.217340   -14.304865
0.71832   -0.723809   -87.534450    -0.333573
-0.004561   -0.089784    -4.531920
0.85916   -0.723809   -87.534450    -0.333573
-0.004561   -0.046404    -3.531561
1.00000   -0.723809   -87.534450    -0.333573
-0.004561   -0.119186    -2.510599

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    9.615762    9.716979    0.326222
 0.004527   0.362505   57.079319
0.57747    9.615762    9.716979    0.326222
 0.004527   0.226723   59.323612
0.71832    9.615762    9.716979    0.326222
 0.004527   0.090822   72.863018
0.85916    9.615762    9.716979    0.326222
 0.004527   0.085952  105.155539
1.00000    9.615762    9.716979    0.326222
 0.004527   0.289592  145.296325

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -1.546679  -121.496868    -0.485794
-0.004601   -0.524815   -94.782271
0.57747   -1.546679  -121.496868    -0.485794
-0.004601   -0.323297   -52.335604
0.71832   -1.546679  -121.496868    -0.485794
-0.004601   -0.130460   -25.304749
0.85916   -1.546679  -121.496868    -0.485794
-0.004601   -0.063038   -16.500500
1.00000   -1.546679  -121.496868    -0.485794
-0.004601   -0.191147   -11.553158

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    8.784737   81.709020    0.835536
 0.003403   0.932089  198.394697
0.57747    8.784737   81.709020    0.835536
 0.003403   0.582409  169.196077
0.71832    8.784737   81.709020    0.835536
 0.003403   0.232596  148.257116
0.85916    8.784737   81.709020    0.835536
 0.003403   0.154592  142.013131
1.00000    8.784737   81.709020    0.835536
 0.003403   0.583073  142.987874

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -8.921487  -104.358064    -1.021221
-0.003302   -1.128752   -95.946783
0.57747   -8.921487  -104.358064    -1.021221
-0.003302   -0.701775   -58.500795
0.71832   -8.921487  -104.358064    -1.021221
-0.003302   -0.280276   -31.873464
0.85916   -8.921487  -104.358064    -1.021221
-0.003302   -0.128491   -22.212691
1.00000   -8.921487  -104.358064    -1.021221
-0.003302   -0.473288   -15.825800
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2451

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   10.435865   72.174574    0.915391
 0.002843   1.020041  177.553484
0.57747   10.435865   72.174574    0.915391
 0.002843   0.636551  151.503067
0.71832   10.435865   72.174574    0.915391
 0.002843   0.252949  132.330404
0.85916   10.435865   72.174574    0.915391
 0.002843   0.166020  125.517142
1.00000   10.435865   72.174574    0.915391
 0.002843   0.632341  124.775796

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -7.678644  -104.210329    -1.111077
-0.002873   -1.230281  -142.876208
0.57747   -7.678644  -104.210329    -1.111077
-0.002873   -0.765405   -104.569787
0.71832   -7.678644  -104.210329    -1.111077
-0.002873   -0.305073   -75.287830
0.85916   -7.678644  -104.210329    -1.111077
-0.002873   -0.139130   -60.041869
1.00000   -7.678644  -104.210329    -1.111077
-0.002873   -0.518326   -47.794570

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    5.398971    7.221970    0.352628
8.49E-06    0.391752   21.937924
0.57747    5.398971    7.221970    0.352628
8.49E-06    0.243633   18.914750
0.71832    5.398971    7.221970    0.352628
8.49E-06    0.095664   15.900518
0.85916    5.398971    7.221970    0.352628
8.49E-06    0.061416   12.914370
1.00000    5.398971    7.221970    0.352628
8.49E-06    0.240941   10.019295

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -0.214975   -24.590665    -0.428328
-0.000158   -0.477156   -99.069772
0.57747   -0.214975   -24.590665    -0.428328
-0.000158   -0.297536   -88.817481
0.71832   -0.214975   -24.590665    -0.428328
-0.000158   -0.117751   -78.599803
0.85916   -0.214975   -24.590665    -0.428328
-0.000158   -0.051960   -68.420296
1.00000   -0.214975   -24.590665    -0.428328
-0.000158   -0.201130   -58.313122

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663    8.732066    9.609292    0.564099
 0.000230   0.627023   28.800248
0.57747    8.732066    9.609292    0.564099
 0.000230   0.390235   24.983719
0.71832    8.732066    9.609292    0.564099
 0.000230   0.153591   21.506585
0.85916    8.732066    9.609292    0.564099
 0.000230   0.096794   18.597950
1.00000    8.732066    9.609292    0.564099
 0.000230   0.377488   16.914220

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -1.488204   -53.975922    -0.669811
-0.000477   -0.744977  -159.871335
0.57747   -1.488204   -53.975922    -0.669811
-0.000477   -0.464228  -137.752916
0.71832   -1.488204   -53.975922    -0.669811
-0.000477   -0.183518  -116.368359
0.85916   -1.488204   -53.975922    -0.669811
-0.000477   -0.083576   -95.925065
1.00000   -1.488204   -53.975922    -0.669811
-0.000477   -0.020787   -76.558588
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2452

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   11.461988    8.985386    0.563341
 0.000355   0.627590   44.819493
0.57747   11.461988    8.985386    0.563341
 0.000355   0.390878   44.355817
0.71832   11.461988    8.985386    0.563341
 0.000355   0.154819   47.123134
0.85916   11.461988    8.985386    0.563341
 0.000355   0.100778   58.437922
1.00000   11.461988    8.985386    0.563341
 0.000355   0.404894   77.057640

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -1.051475   -97.278439    -0.724900
-0.000594   -0.808556  -174.197836
0.57747   -1.051475   -97.278439    -0.724900
-0.000594   -0.504362  -136.162760
0.71832   -1.051475   -97.278439    -0.724900
-0.000594   -0.199305  -101.023223
0.85916   -1.051475   -97.278439    -0.724900
-0.000594   -0.080993   -83.717755
1.00000   -1.051475   -97.278439    -0.724900
-0.000594   -0.318220   -68.699009

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045793   57.872887    0.825602
 0.002895   0.918866  163.201337
0.57747   12.045793   57.872887    0.825602
 0.002895   0.573006  143.398533
0.71832   12.045793   57.872887    0.825602
 0.002895   0.227168  131.012353
0.85916   12.045793   57.872887    0.825602
 0.002895   0.158095  131.214829
1.00000   12.045793   57.872887    0.825602
 0.002895   0.595471  137.418585

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -5.390212  -109.495940    -1.043254
-0.002986   -1.153293  -161.041931
0.57747   -5.390212  -109.495940    -1.043254
-0.002986   -0.717237  -120.829420
0.71832   -5.390212  -109.495940    -1.043254
-0.002986   -0.285452   -90.399506
0.85916   -5.390212  -109.495940    -1.043254
-0.002986   -0.128542   -74.454201
1.00000   -5.390212  -109.495940    -1.043254
-0.002986   -0.470597   -60.597132

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045552  105.077685    0.818382
 0.007102   0.913973  195.031561
0.57747   12.045552  105.077685    0.818382
 0.007102   0.570799  160.958353
0.71832   12.045552  105.077685    0.818382
 0.007102   0.227560  138.048530
0.85916   12.045552  105.077685    0.818382
 0.007102   0.163724  127.875398
1.00000   12.045552  105.077685    0.818382
 0.007102   0.565088  138.478514

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -12.943570  -134.562816    -0.960000
-0.006764   -1.046162  -162.128324
0.57747   -12.943570  -134.562816    -0.960000
-0.006764   -0.644905  -121.501263
0.71832   -12.943570  -134.562816    -0.960000
-0.006764   -0.262417  -100.123209
0.85916   -12.943570  -134.562816    -0.960000
-0.006764   -0.129092   -82.679609
1.00000   -12.943570  -134.562816    -0.960000
-0.006764   -0.458733   -66.177721
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2453

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045793  103.168702    1.100676
 0.006955   1.224744  199.349909
0.57747   12.045793  103.168702    1.100676
 0.006955   0.764402  169.196077
0.71832   12.045793  103.168702    1.100676
 0.006955   0.303468  148.257116
0.85916   12.045793  103.168702    1.100676
 0.006955   0.206342  142.013131
1.00000   12.045793  103.168702    1.100676
 0.006955   0.728560  145.296325

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -12.858744  -121.496868    -1.253758
-0.006678   -1.383374  -174.197836
0.57747   -12.858744  -121.496868    -1.253758
-0.006678   -0.859684  -137.752916
0.71832   -12.858744  -121.496868    -1.253758
-0.006678   -0.343334  -116.368359
0.85916   -12.858744  -121.496868    -1.253758
-0.006678   -0.181738   -95.925065
1.00000   -12.858744  -121.496868    -1.253758
-0.006678   -0.630742   -76.558588

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045793  105.077685    1.100676
 0.007102   1.224744  199.349909
0.57747   12.045793  105.077685    1.100676
 0.007102   0.764402  169.196077
0.71832   12.045793  105.077685    1.100676
 0.007102   0.303468  148.257116
0.85916   12.045793  105.077685    1.100676
 0.007102   0.206342  142.013131
1.00000   12.045793  105.077685    1.100676
 0.007102   0.728560  145.296325

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -12.943570  -134.562816    -1.253758
-0.006764   -1.383374  -174.197836
0.57747   -12.943570  -134.562816    -1.253758
-0.006764   -0.859684  -137.752916
0.71832   -12.943570  -134.562816    -1.253758
-0.006764   -0.343334  -116.368359
0.85916   -12.943570  -134.562816    -1.253758
-0.006764   -0.181738   -95.925065
1.00000   -12.943570  -134.562816    -1.253758
-0.006764   -0.630742   -76.558588

COMB      DESIGN ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.43663   12.045793  105.077685    1.100676
 0.007102   1.224744  199.349909
0.57747   12.045793  105.077685    1.100676
 0.007102   0.764402  169.196077
0.71832   12.045793  105.077685    1.100676
 0.007102   0.303468  148.257116
0.85916   12.045793  105.077685    1.100676
 0.007102   0.206342  142.013131
1.00000   12.045793  105.077685    1.100676
 0.007102   0.728560  145.296325

COMB      DESIGN ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.43663   -12.943570  -134.562816    -1.253758
-0.006764   -1.383374  -174.197836
0.57747   -12.943570  -134.562816    -1.253758
-0.006764   -0.859684  -137.752916
0.71832   -12.943570  -134.562816    -1.253758
-0.006764   -0.343334  -116.368359
0.85916   -12.943570  -134.562816    -1.253758
-0.006764   -0.181738   -95.925065
1.00000   -12.943570  -134.562816    -1.253758
-0.006764   -0.630742   -76.558588
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2454

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      221 ================== LENGTH
=    2.977396

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.183413   73.585612    0.605819
 0.000739   0.340750    2.538633
0.14084    0.183413   73.585612    0.605819
 0.000739   0.086630    3.005154
0.28169    0.183413   73.585612    0.605819
 0.000739   0.176156    3.485224
0.42253    0.183413   73.585612    0.605819
 0.000739   0.438370    4.695772
0.56338    0.183413   73.585612    0.605819
 0.000739   0.700607    6.788095

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -10.207045   -5.479759    -0.625379
-0.000348   -0.348557  -23.095564
0.14084   -10.207045   -5.479759    -0.625379
-0.000348   -0.086406   -53.591314
0.28169   -10.207045   -5.479759    -0.625379
-0.000348   -0.167327   -84.362440
0.42253   -10.207045   -5.479759    -0.625379
-0.000348   -0.421398  -115.142109
0.56338   -10.207045   -5.479759    -0.625379
-0.000348   -0.675448  -145.951084

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    1.981750   169.885237    0.823999
 0.007122   0.462403   123.025755
0.14084    1.981750   169.885237    0.823999
 0.007122   0.132595    98.114928
0.28169    1.981750   169.885237    0.823999
 0.007122   0.259475    73.425607
0.42253    1.981750   169.885237    0.823999
 0.007122   0.629789    67.767193
0.56338    1.981750   169.885237    0.823999
 0.007122   1.020169    74.692497

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -17.074163   -26.671971    -0.933918
-0.006567   -0.547180   -10.728716
0.14084   -17.074163   -26.671971    -0.933918
-0.006567   -0.156700   -49.557070
0.28169   -17.074163   -26.671971    -0.933918
-0.006567   -0.228633   -88.622384
0.42253   -17.074163   -26.671971    -0.933918
-0.006567   -0.574241  -129.714946
0.56338   -17.074163   -26.671971    -0.933918
-0.006567   -0.919781  -192.122080

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    6.182926   138.455635    0.792172
 0.005177   0.445221   122.607277
0.14084    6.182926   138.455635    0.792172
 0.005177   0.123738   128.840933
0.28169    6.182926   138.455635    0.792172
 0.005177   0.247967   135.150914
0.42253    6.182926   138.455635    0.792172
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 0.005177    0.607495  154.634931
 0.56338     6.182926  138.455635    0.792172
 0.005177    0.980804  182.762697

COMB DB-G1-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -14.648494  -74.242474  -0.892732
-0.004704   -0.517255   -9.665736
 0.14084  -14.648494  -74.242474  -0.892732
-0.004704   -0.143706   -45.558528
 0.28169  -14.648494  -74.242474  -0.892732
-0.004704   -0.219122   -81.590343
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2455

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P          V2          V3
     T          M2         M3
 0.42253  -14.648494  -74.242474  -0.892732
-0.004704   -0.551338  -118.949603
 0.56338  -14.648494  -74.242474  -0.892732
-0.004704   -0.883551  -170.770116

COMB DB-G1-4 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   8.183925   117.097552   0.791040
 0.004493   0.445015   103.994977
 0.14084   8.183925   117.097552   0.791040
 0.004493   0.122162   108.500275
 0.28169   8.183925   117.097552   0.791040
 0.004493   0.254918   115.671707
 0.42253   8.183925   117.097552   0.791040
 0.004493   0.628243   134.571515
 0.56338   8.183925   117.097552   0.791040
 0.004493   1.012898   163.318465

COMB DB-G1-4 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -12.835845  -79.244937  -0.918972
-0.004273   -0.529067   -32.016369
 0.14084  -12.835845  -79.244937  -0.918972
-0.004273   -0.144311   -55.357557
 0.28169  -12.835845  -79.244937  -0.918972
-0.004273   -0.218396   -79.478586
 0.42253  -12.835845  -79.244937  -0.918972
-0.004273   -0.550125  -105.778481
 0.56338  -12.835845  -79.244937  -0.918972
-0.004273   -0.881862  -144.976443

COMB DB-G2-1 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   3.649713   63.960484   0.147008
 0.005195   0.081741   133.351270
 0.14084   3.649713   63.960484   0.147008
 0.005195   0.033176   125.547404
 0.28169   3.649713   63.960484   0.147008
 0.005195   0.067197   117.899767
 0.42253   3.649713   63.960484   0.147008
 0.005195   0.101844   125.041769
 0.56338   3.649713   63.960484   0.147008
 0.005195   0.259479   142.412510

COMB DB-G2-1 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -4.203922  -49.257801  -0.251762
-0.005133   -0.163354   -1.787185
 0.14084  -4.203922  -49.257801  -0.251762
-0.005133   -0.058635   -1.217812
 0.28169  -4.203922  -49.257801  -0.251762
-0.005133   -0.041521   -0.765766
 0.42253  -4.203922  -49.257801  -0.251762
-0.005133   -0.103198   -1.981754
 0.56338  -4.203922  -49.257801  -0.251762
-0.005133   -0.164856   -21.022916

COMB DB-G2-2 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   8.219171   59.847851   0.241143
 0.005117   0.136036   138.733920
 0.14084   8.219171   59.847851   0.241143
 0.005117   0.047227   144.843422
 0.28169   8.219171   59.847851   0.241143
 0.005117   0.093305   154.339371
 0.42253   8.219171   59.847851   0.241143
 0.005117   0.222434   178.333437
 0.56338   8.219171   59.847851   0.241143
 0.005117   0.367190   212.275545

COMB DB-G2-2 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -4.632933  -88.231953  -0.347508
-0.005121   -0.216169   -11.269832
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2456

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P          V2          V3
     T          M2         M3
 0.14084  -4.632933  -88.231953  -0.347508
-0.005121   -0.071206   -7.197906
 0.28169  -4.632933  -88.231953  -0.347508
-0.005121   -0.066176   -4.148845
 0.42253  -4.632933  -88.231953  -0.347508
-0.005121   -0.167303   -4.106215
 0.56338  -4.632933  -88.231953  -0.347508
-0.005121   -0.268443   -21.626206

COMB DB-G2-3 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   7.932728   118.425031   0.629309
 0.004325   0.353673   133.873300
 0.14084   7.932728   118.425031   0.629309
 0.004325   0.098458   125.237738
 0.28169   7.932728   118.425031   0.629309
 0.004325   0.206775   136.905744
 0.42253   7.932728   118.425031   0.629309
 0.004325   0.508529   161.050976
 0.56338   7.932728   118.425031   0.629309
 0.004325   0.821345   192.951614

COMB DB-G2-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -11.552550  -82.544709  -0.747609
-0.004052   -0.433186   -13.306908
 0.14084  -11.552550  -82.544709  -0.747609
-0.004052   -0.120351   -15.259121
 0.28169  -11.552550  -82.544709  -0.747609
-0.004052   -0.174120   -44.313261
 0.42253  -11.552550  -82.544709  -0.747609
-0.004052   -0.438016   -75.778189
 0.56338  -11.552550  -82.544709  -0.747609
-0.004052   -0.701932   -119.875069

COMB DB-G2-4 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   9.623750   101.345930   0.664960
 0.003723   0.373512   114.576933
 0.14084   9.623750   101.345930   0.664960
 0.003723   0.101957   106.401886
 0.28169   9.623750   101.345930   0.664960
 0.003723   0.222512   114.722858
 0.42253   9.623750   101.345930   0.664960
 0.003723   0.550200   133.859046
 0.56338   9.623750   101.345930   0.664960
 0.003723   0.887153   160.632322

COMB DB-G2-4 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -9.816122  -82.127223  -0.804904
-0.003715   -0.463405   -40.716489
 0.14084  -9.816122  -82.127223  -0.804904
-0.003715   -0.126295   -36.939143
 0.28169  -9.816122  -82.127223  -0.804904
-0.003715   -0.184240   -55.559149
 0.42253  -9.816122  -82.127223  -0.804904
-0.003715   -0.463081   -75.955368
 0.56338  -9.816122  -82.127223  -0.804904
-0.003715   -0.741935  -106.766634

COMB DB-G3-1 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   4.813656   4.488732   0.225964
 0.000140   0.126280   5.560468
 0.14084   4.813656   4.488732   0.225964
 0.000140   0.031597   3.976130
 0.28169   4.813656   4.488732   0.225964
 0.000140   0.079856   2.586672
 0.42253   4.813656   4.488732   0.225964
 0.000140   0.201470   2.179784
 0.56338   4.813656   4.488732   0.225964
 0.000140   0.323093   1.889462
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2457

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -0.130162  -19.099945  -0.290031
-0.000508   -0.163416   -48.912362
 0.14084  -0.130162  -19.099945  -0.290031
-0.000508   -0.041728   -41.224126
 0.28169  -0.130162  -19.099945  -0.290031
-0.000508   -0.063233   -33.641995
 0.42253  -0.130162  -19.099945  -0.290031
-0.000508   -0.157998   -26.088941
 0.56338  -0.130162  -19.099945  -0.290031
-0.000508   -0.252752   -18.561357

COMB DB-G3-2 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   8.616215   8.205654   0.368166
 0.000616   0.207339   12.125652
 0.14084   8.616215   8.205654   0.368166
 0.000616   0.053376   12.636411
 0.28169   8.616215   8.205654   0.368166
 0.000616   0.132051   18.087561
 0.42253   8.616215   8.205654   0.368166
 0.000616   0.331298   24.048415
 0.56338   8.616215   8.205654   0.368166
 0.000616   0.531344   35.073965

COMB DB-G3-2 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -1.214931  -45.419313  -0.476927
-0.001151   -0.268655   -66.209017
 0.14084  -1.214931  -45.419313  -0.476927
-0.001151   -0.068588   -52.492291
 0.28169  -1.214931  -45.419313  -0.476927
-0.001151   -0.101562   -40.129888
 0.42253  -1.214931  -45.419313  -0.476927
-0.001151   -0.255910   -29.646156
 0.56338  -1.214931  -45.419313  -0.476927
-0.001151   -0.410282   -21.081080

COMB DB-G3-3 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  11.770294   9.484041   0.377149
 0.000701   0.212149   65.044831
 0.14084  11.770294   9.484041   0.377149
 0.000701   0.054709   89.900429
 0.28169  11.770294   9.484041   0.377149
 0.000701   0.137421   117.701930
 0.42253  11.770294   9.484041   0.377149
 0.000701   0.346796   147.967820
 0.56338  11.770294   9.484041   0.377149
 0.000701   0.557170   179.348857

COMB DB-G3-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -0.979992  -96.964937  -0.501825
-0.001134   -0.284610   -59.250061
 0.14084  -0.979992  -96.964937  -0.501825
-0.001134   -0.074138   -17.723546
 0.28169  -0.979992  -96.964937  -0.501825
-0.001134   -0.104278   -36.975533
 0.42253  -0.979992  -96.964937  -0.501825
-0.001134   -0.262391   -27.578462
 0.56338  -0.979992  -96.964937  -0.501825
-0.001134   -0.420549   -20.122100

COMB DB-G3-4 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  10.780347   91.073041   0.584762
 0.004079   0.180078   128.137878
 0.14084  10.780347   91.073041   0.584762
 0.004079   0.091371   116.670787
 0.28169  10.780347   91.073041   0.584762
 0.004079   0.202815   120.417575
 0.42253  10.780347   91.073041   0.584762
 0.004079   0.500577   136.967729
 0.56338  10.780347   91.073041   0.584762
 0.004079   0.809260   161.217179
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2458

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -7.726150  -84.110943  -0.737726
-0.004240   -0.428625   -51.359454
 0.14084  -7.726150  -84.110943  -0.737726
-0.004240   -0.119832   -40.953299
 0.28169  -7.726150  -84.110943  -0.737726
-0.004240   -0.162464   -46.070318
 0.42253  -7.726150  -84.110943  -0.737726
-0.004240   -0.407645   -58.141581
 0.56338  -7.726150  -84.110943  -0.737726
-0.004240   -0.652864   -82.504205

COMB DL-G1-1 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   0.288043   73.452294   0.828663
 0.000638   0.465573   3.223172
 0.14084   0.288043   73.452294   0.828663
 0.000638   0.118109   3.480230
 0.28169   0.288043   73.452294   0.828663
 0.000638   0.229467   3.778537
 0.42253   0.288043   73.452294   0.828663
 0.000638   0.577318   4.660440
 0.56338   0.288043   73.452294   0.828663
 0.000638   0.924774   7.188169

COMB DL-G1-1 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -10.607156   -7.840237  -0.828531
-0.000283   -0.464657   -33.235704
 0.14084  -10.607156   -7.840237  -0.828531
-0.000283   -0.116459   -61.595492
 0.28169  -10.607156   -7.840237  -0.828531
-0.000283   -0.229055   -89.964403
 0.42253  -10.607156   -7.840237  -0.828531
-0.000283   -0.576810  -118.572677
 0.56338  -10.607156   -7.840237  -0.828531
-0.000283   -0.924332  -148.475547

COMB DL-G1-2 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   2.584341   165.436010   1.102013
 0.007012   0.634079   132.765581
 0.14084   2.584341   165.436010   1.102013
 0.007012   0.184188   106.596466
 0.28169   2.584341   165.436010   1.102013
 0.007012   0.340283   80.711636
 0.42253   2.584341   165.436010   1.102013
 0.007012   0.841535   72.115629
 0.56338   2.584341   165.436010   1.102013
 0.007012   1.357237   79.241650

COMB DL-G1-2 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -16.748795  -27.748513  -1.239325
-0.006509   -0.723666   -22.736089
 0.14084  -16.748795  -27.748513  -1.239325
-0.006509   -0.204946   -56.876187
 0.28169  -16.748795  -27.748513  -1.239325
-0.006509   -0.304633   -91.254233
 0.42253  -16.748795  -27.748513  -1.239325
-0.006509   -0.765740  -128.310234
 0.56338  -16.748795  -27.748513  -1.239325
-0.006509   -1.226364  -193.311634

COMB DL-G1-3 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   6.029624   136.465777   1.075895
 0.005272   0.615224   138.902101
 0.14084   6.029624   136.465777   1.075895
 0.005272   0.173500   140.526546
 0.28169   6.029624   136.465777   1.075895
 0.005272   0.337180   142.406422
 0.42253   6.029624   136.465777   1.075895
 0.005272   0.842580   156.683887
 0.56338   6.029624   136.465777   1.075895
 0.005272   1.356947   182.467467
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2459

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -14.539371  -69.875376  -1.232835
-0.004833   -0.710681   -20.614586
 0.14084  -14.539371  -69.875376  -1.232835
-0.004833   -0.193481   -52.114597
 0.28169  -14.539371  -69.875376  -1.232835
-0.004833   -0.295866   -83.756106
 0.42253  -14.539371  -69.875376  -1.232835
-0.004833   -0.747129  -117.356895
 0.56338  -14.539371  -69.875376  -1.232835
-0.004833   -1.197439  -171.095919

COMB DL-G1-4 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   7.836274   116.534508   1.095680
 0.004534   0.624637   119.094776
 0.14084   7.836274   116.534508   1.095680
 0.004534   0.172941   119.468179
 0.28169   7.836274   116.534508   1.095680
 0.004534   0.344291   122.362903
 0.42253   7.836274   116.534508   1.095680
 0.004534   0.858892   136.179450
 0.56338   7.836274   116.534508   1.095680
 0.004534   1.385331   163.391767

COMB DL-G1-4 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -12.886859  -78.179112  -1.255368
-0.004308   -0.719862   -43.094816
 0.14084  -12.886859  -78.179112  -1.255368
-0.004308   -0.193111   -61.698129
 0.28169  -12.886859  -78.179112  -1.255368
-0.004308   -0.301674   -81.754737
 0.42253  -12.886859  -78.179112  -1.255368
-0.004308   -0.761215  -104.027698
 0.56338  -12.886859  -78.179112  -1.255368
-0.004308   -1.219991  -145.833085

COMB DL-G2-1 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   4.087890   53.721497   0.192430
 0.004393   0.118776   135.750251
 0.14084   4.087890   53.721497   0.192430
 0.004393   0.046360   130.801543
 0.28169   4.087890   53.721497   0.192430
 0.004393   0.091399   125.934571
 0.42253   4.087890   53.721497   0.192430
 0.004393   0.220168   132.739101
 0.56338   4.087890   53.721497   0.192430
 0.004393   0.359221   149.500148

COMB DL-G2-1 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -3.473435  -46.630552  -0.338277
-0.004325   -0.209942   -2.497750
 0.14084  -3.473435  -46.630552  -0.338277
-0.004325   -0.068915   -1.549556
 0.28169  -3.473435  -46.630552  -0.338277
-0.004325   -0.053770   -0.751806
 0.42253  -3.473435  -46.630552  -0.338277
-0.004325   -0.133537   -1.685538
 0.56338  -3.473435  -46.630552  -0.338277
-0.004325   -0.213268   -21.263439

COMB DL-G2-2 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   7.667697   51.760745   0.336504
 0.004438   0.199370   145.295704
 0.14084   7.667697   51.760745   0.336504
 0.004438   0.066809   152.106319
 0.28169   7.667697   51.760745   0.336504
 0.004438   0.132473   162.455079
 0.42253   7.667697   51.760745   0.336504
 0.004438   0.328085   184.441607
 0.56338   7.667697   51.760745   0.336504
 0.004438   0.532421   216.274168
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2460

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -4.153423  -82.676509  -0.493161
-0.004425   -0.295132   -11.551438
 0.14084  -4.153423  -82.676509  -0.493161
-0.004425   -0.088494   -6.964881
 0.28169  -4.153423  -82.676509  -0.493161
-0.004425   -0.092639   -4.510526
 0.42253  -4.153423  -82.676509  -0.493161
-0.004425   -0.232840   -4.128660
 0.56338  -4.153423  -82.676509  -0.493161
-0.004425   -0.372950   -22.379984

COMB DL-G2-3 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   7.551345   108.326594   0.851078
 0.003497   0.484856   142.936310
 0.14084   7.551345   108.326594   0.851078
 0.003497   0.133052   131.532116
 0.28169   7.551345   108.326594   0.851078
 0.003497   0.281442   143.333840
 0.42253   7.551345   108.326594   0.851078
 0.003497   0.705970   165.832746
 0.56338   7.551345   108.326594   0.851078
 0.003497   1.136072   196.289169

COMB DL-G2-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -10.565116  -79.348082  -1.028697
-0.003235   -0.588379   -15.809221
 0.14084  -10.565116  -79.348082  -1.028697
-0.003235   -0.156767   -15.147709
 0.28169  -10.565116  -79.348082  -1.028697
-0.003235   -0.235042   -40.269816
 0.42253  -10.565116  -79.348082  -1.028697
-0.003235   -0.591400   -68.975829
 0.56338  -10.565116  -79.348082  -1.028697
-0.003235   -0.947613  -111.177334

COMB DL-G2-4 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   9.427906   94.515504   0.922964
 0.003030   0.523823   124.743227
 0.14084   9.427906   94.515504   0.922964
 0.003030   0.141069   113.545969
 0.28169   9.427906   94.515504   0.922964
 0.003030   0.306470   121.011157
 0.42253   9.427906   94.515504   0.922964
 0.003030   0.768868   137.651563
 0.56338   9.427906   94.515504   0.922964
 0.003030   1.235821   162.892328

COMB DL-G2-4 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -9.052742  -83.321815  -1.116293
-0.002983   -0.635689   -47.802423
 0.14084  -9.052742  -83.321815  -1.116293
-0.002983   -0.167217   -40.228304
 0.28169  -9.052742  -83.321815  -1.116293
-0.002983   -0.254714   -53.708901
 0.42253  -9.052742  -83.321815  -1.116293
-0.002983   -0.641728   -70.216198
 0.56338  -9.052742  -83.321815  -1.116293
-0.002983   -1.028113   -99.357014

COMB DL-G3-1 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   5.437125   7.278542   0.342024
 0.000137   0.192844   10.033718
 0.14084   5.437125   7.278542   0.342024
 0.000137   0.048505   7.309348
 0.28169   5.437125   7.278542   0.342024
 0.000137   0.118475   4.712116
 0.42253   5.437125   7.278542   0.342024
 0.000137   0.298625   2.599181
 0.56338   5.437125   7.278542   0.342024
 0.000137   0.478566   2.108149
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                               2461

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -0.208206  -24.705559  -0.429082
-0.000435   -0.240824   -58.338963
 0.14084  -0.208206  -24.705559  -0.429082
-0.000435   -0.060951   -48.313342
 0.28169  -0.208206  -24.705559  -0.429082
-0.000435   -0.095027   -38.377693
 0.42253  -0.208206  -24.705559  -0.429082
-0.000435   -0.238527   -28.627405
 0.56338  -0.208206  -24.705559  -0.429082
-0.000435   -0.382243   -20.453002

COMB DL-G3-2 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000   8.736152   10.937866   0.553906
 0.000500   0.312360   16.935262
 0.14084   8.736152   10.937866   0.553906
 0.000500   0.080085   16.526136
 0.28169   8.736152   10.937866   0.553906
 0.000500   0.184387   21.342137
 0.42253   8.736152   10.937866   0.553906
 0.000500   0.402700   28.357570
 0.56338   8.736152   10.937866   0.553906
 0.000500   0.743245   37.419550

COMB DL-G3-2 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -1.551667  -53.180610  -0.666563
-0.000932   -0.374005   -76.602944
 0.14084  -1.551667  -53.180610  -0.666563
-0.000932   -0.094383   -59.308839
 0.28169  -1.551667  -53.180610  -0.666563
-0.000932   -0.153468   -45.199446
 0.42253  -1.551667  -53.180610  -0.666563
-0.000932   -0.385802   -32.160547
 0.56338  -1.551667  -53.180610  -0.666563
-0.000932   -0.618079   -22.667709

COMB DL-G3-3 ------------------- MAX

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  11.596432   9.035940   0.564682
 0.000367   0.317643   77.038426
 0.14084  11.596432   9.035940   0.564682
 0.000367   0.080405   99.204983
 0.28169  11.596432   9.035940   0.564682
 0.000367   0.202754   125.096387
 0.42253  11.596432   9.035940   0.564682
 0.000367   0.514833   152.281101
 0.56338  11.596432   9.035940   0.564682
 0.000367   0.825824   181.490699

COMB DL-G3-3 ------------------- MIN

REL DIST        P          V2          V3
     T          M2         M3
 0.00000  -1.021965  -98.150450  -0.740875
-0.000609   -0.414690   -68.722500
 0.14084  -1.021965  -98.150450  -0.740875
-0.000609   -0.103423   -53.968244
 0.28169  -1.021965  -98.150450  -0.740875
-0.000609   -0.155920   -41.389607
 0.42253  -1.021965  -98.150450  -0.740875
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-0.000609   -0.393142   -29.663540
 0.56338    -1.021965   -98.150450    -0.740875
-0.000609   -0.629796   -20.430607

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.948778   82.261531    0.825146
 0.003106   0.469895   137.397048
 0.14084   10.948778   82.261531    0.825146
 0.003106   0.128171   126.230282
 0.28169   10.948778   82.261531    0.825146
 0.003106   0.287975   129.024435
 0.42253   10.948778   82.261531    0.825146
 0.003106   0.722252   144.068889
 0.56338   10.948778   82.261531    0.825146
 0.003106   1.161496   167.637267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2462

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.888547   -86.830653   -1.050645
-0.003123   -0.599724   -60.608624
 0.14084   -6.888547   -86.830653   -1.050645
-0.003123   -0.159783   -47.038095
 0.28169   -6.888547   -86.830653   -1.050645
-0.003123   -0.228315   -47.472522
 0.42253   -6.888547   -86.830653   -1.050645
-0.003123   -0.574103   -55.230918
 0.56338   -6.888547   -86.830653   -1.050645
-0.003123   -0.919504   -76.653935

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.770294   169.885237    0.823999
 0.007122   0.462403   138.733920
 0.14084   11.770294   169.885237    0.823999
 0.007122   0.132595   144.843422
 0.28169   11.770294   169.885237    0.823999
 0.007122   0.259475   154.333371
 0.42253   11.770294   169.885237    0.823999
 0.007122   0.629789   178.333437
 0.56338   11.770294   169.885237    0.823999
 0.007122   1.020169   212.275545

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.074163   -96.964937   -0.933918
-0.006567   -0.547180   -66.209017
 0.14084  -17.074163   -96.964937   -0.933918
-0.006567   -0.156700   -55.357557
 0.28169  -17.074163   -96.964937   -0.933918
-0.006567   -0.228633   -88.622384
 0.42253  -17.074163   -96.964937   -0.933918
-0.006567   -0.574241   -129.714946
 0.56338  -17.074163   -96.964937   -0.933918
-0.006567   -0.919781   -192.122080

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.596432   165.436010    1.102013
 0.007012   0.634079   145.295704
 0.14084   11.596432   165.436010    1.102013
 0.007012   0.184188   152.106319
 0.28169   11.596432   165.436010    1.102013
 0.007012   0.344291   162.455079
 0.42253   11.596432   165.436010    1.102013
 0.007012   0.860892   184.441607
 0.56338   11.596432   165.436010    1.102013
 0.007012   1.385331   216.274168

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.748795   -98.150450   -1.255368
-0.006509   -0.723666   -76.602944
 0.14084  -16.748795   -98.150450   -1.255368
-0.006509   -0.204946   -61.698129
 0.28169  -16.748795   -98.150450   -1.255368
-0.006509   -0.304633   -91.254233
 0.42253  -16.748795   -98.150450   -1.255368
-0.006509   -0.765740   -129.310234
 0.56338  -16.748795   -98.150450   -1.255368
-0.006509   -1.226364   -193.311634

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.770294   169.885237    1.102013
 0.007122   0.634079   145.295704
 0.14084   11.770294   169.885237    1.102013
 0.007122   0.184188   152.106319
 0.28169   11.770294   169.885237    1.102013
 0.007122   0.344291   162.455079
 0.42253   11.770294   169.885237    1.102013
 0.007122   0.860892   184.441607
 0.56338   11.770294   169.885237    1.102013
 0.007122   1.385331   216.274168
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2463

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.074163   -98.150450   -1.255368
-0.006567   -0.723666   -76.602944
 0.14084  -17.074163   -98.150450   -1.255368
-0.006567   -0.204946   -61.698129
 0.28169  -17.074163   -98.150450   -1.255368
-0.006567   -0.304633   -91.254233
 0.42253  -17.074163   -98.150450   -1.255368
-0.006567   -0.765740   -129.714946
 0.56338  -17.074163   -98.150450   -1.255368
-0.006567   -1.226364   -193.311634

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.770294   169.885237    1.102013
 0.007122   0.634079   145.295704
 0.14084   11.770294   169.885237    1.102013
 0.007122   0.184188   152.106319
 0.28169   11.770294   169.885237    1.102013
 0.007122   0.344291   162.455079
 0.42253   11.770294   169.885237    1.102013
 0.007122   0.860892   184.441607
 0.56338   11.770294   169.885237    1.102013
 0.007122   1.385331   216.274168

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -17.074163   -98.150450   -1.255368
-0.006567   -0.723666   -76.602944
 0.14084  -17.074163   -98.150450   -1.255368
-0.006567   -0.204946   -61.698129
 0.28169  -17.074163   -98.150450   -1.255368
-0.006567   -0.304633   -91.254233
 0.42253  -17.074163   -98.150450   -1.255368
-0.006567   -0.765740   -129.714946
 0.56338  -17.074163   -98.150450   -1.255368
-0.006567   -1.226364   -193.311634

ELEM    222 ================== LENGTH
=  2.977334

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    0.161856   74.040162    0.569176
 0.000460   0.635416   102.252982
 0.57747    0.161856   74.040162    0.569176
 0.000460   0.596741   71.270143
 0.71832    0.161856   74.040162    0.569176
 0.000460   0.158048   40.374891
 0.85916    0.161856   74.040162    0.569176
 0.000460   0.086504   9.772790
 1.00000    0.161856   74.040162    0.569176
 0.000460   0.329325   2.535811

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -10.221141   -5.441415   -0.579489
-0.000853   -0.642748   -11.725078
 0.57747   -10.221141   -5.441415   -0.579489
-0.000853   -0.399761   -9.605109
 0.71832   -10.221141   -5.441415   -0.579489
-0.000853   -0.156797   -7.840322
 0.85916   -10.221141   -5.441415   -0.579489
-0.000853   -0.080539   -6.250216
 1.00000   -10.221141   -5.441415   -0.579489
-0.000853   -0.319284   -23.063575

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    4.514996   105.027501    0.763208
 0.006694   0.851031   194.887101
 0.57747    4.514996   105.027501    0.763208
 0.006694   0.530974   155.539931
 0.71832    4.514996   105.027501    0.763208
 0.006694   0.210877   128.420579
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2464

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.85916    4.514996   105.027501    0.763208
 0.006694   0.145308   118.946153
 1.00000    4.514996   105.027501    0.763208
 0.006694   0.480589   122.637319

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -12.903114   -87.099787   -0.802514
-0.007193   -0.866931   -38.206332
 0.57747   -12.903114   -87.099787   -0.802514
-0.007193   -0.530594   -15.931576
 0.71832   -12.903114   -87.099787   -0.802514
-0.007193   -0.215669   -11.596768
 0.85916   -12.903114   -87.099787   -0.802514
-0.007193   -0.128302   -9.310771
 1.00000   -12.903114   -87.099787   -0.802514
-0.007193   -0.429773   -10.691402

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    7.799962   94.490325    0.820499
 0.005014   0.918884   182.426750
 0.57747    7.799962   94.490325    0.820499
 0.005014   0.574854   147.503715
 0.71832    7.799962   94.490325    0.820499
 0.005014   0.230957   121.763684
 0.85916    7.799962   94.490325    0.820499
 0.005014   0.140702   110.588405
 1.00000    7.799962   94.490325    0.820499
 0.005014   0.490739   122.370179

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.824864   -114.804593   -0.836345
-0.005368   -0.913082   -81.205931
 0.57747   -11.824864   -114.804593   -0.836345
-0.005368   -0.562512   -42.015035
 0.71832   -11.824864   -114.804593   -0.836345
-0.005368   -0.226507   -13.951433
 0.85916   -11.824864   -114.804593   -0.836345
-0.005368   -0.126916   -9.376723
 1.00000   -11.824864   -114.804593   -0.836345
-0.005368   -0.457979   -9.611547

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    9.475564   80.581371    0.903487
 0.004357   1.011087   157.033776
 0.57747    9.475564   80.581371    0.903487
 0.004357   0.632299   127.153103
 0.71832    9.475564   80.581371    0.903487
 0.004357   0.253753   104.880852
 0.85916    9.475564   80.581371    0.903487
 0.004357   0.147501   94.751711
 1.00000    9.475564   80.581371    0.903487
 0.004357   0.525264   103.753767

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -10.499875   -112.650651   -0.902084
-0.004485   -0.988647   -117.634633
 0.57747   -10.499875   -112.650651   -0.902084
-0.004485   -0.610487   -78.153029
 0.71832   -10.499875   -112.650651   -0.902084
-0.004485   -0.244398   -48.288196
 0.85916   -10.499875   -112.650651   -0.902084
-0.004485   -0.138420   -38.301741
 1.00000   -10.499875   -112.650651   -0.902084
-0.004485   -0.505894   -31.935824

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    5.757424   9.070932    0.144263
 0.005439   0.162323   49.342264
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2465

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.57747    5.757424   9.070932    0.144263
 0.005439   0.101848   50.629794
 0.71832    5.757424   9.070932    0.144263
 0.005439   0.041405   62.705446
 0.85916    5.757424   9.070932    0.144263
 0.005439   0.042906   92.514089
 1.00000    5.757424   9.070932    0.144263
 0.005439   0.103953   133.040052

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -0.693676   -99.567240   -0.148507
-0.005459   -0.146340   -41.474489
 0.57747   -0.693676   -99.567240   -0.148507
-0.005459   -0.084241   -11.752513
 0.71832   -0.693676   -99.567240   -0.148507
-0.005459   -0.040021   -2.930907
 0.85916   -0.693676   -99.567240   -0.148507
-0.005459   -0.035842   -2.325413
 1.00000   -0.693676   -99.567240   -0.148507
-0.005459   -0.080240   -1.725523

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   10.098136   8.754567    0.344994
 0.005382   0.389413   50.232531
 0.57747   10.098136   8.754567    0.344994
 0.005382   0.244817   51.879771
 0.71832   10.098136   8.754567    0.344994
 0.005382   0.100452   63.962177
 0.85916   10.098136   8.754567    0.344994
 0.005382   0.070795   92.651248
 1.00000   10.098136   8.754567    0.344994
 0.005382   0.217382   138.451848

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -1.379574   -134.567817   -0.350930
-0.005249   -0.372338   -100.190224
 0.57747   -1.379574   -134.567817   -0.350930
-0.005249   -0.225339   -54.239291
 0.71832   -1.379574   -134.567817   -0.350930
-0.005249   -0.094998   -21.494937
 0.85916   -1.379574   -134.567817   -0.350930
-0.005249   -0.061885   -15.296209
 1.00000   -1.379574   -134.567817   -0.350930
-0.005249   -0.191029   -11.181984

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    9.251403   82.927867    0.699821
 0.004072   0.784371   191.443099
 0.57747    9.251403   82.927867    0.699821
 0.004072   0.490987   160.872593
 0.71832    9.251403   82.927867    0.699821
 0.004072   0.197804   137.976349
 0.85916    9.251403   82.927867    0.699821
 0.004072   0.118028   127.809176
 1.00000    9.251403   82.927867    0.699821
 0.004072   0.414937   133.675541

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -9.283142   -115.082283   -0.709013
-0.004287   -0.775183   -96.183044
 0.57747   -9.283142   -115.082283   -0.709013
-0.004287   -0.477982   -55.405406
 0.71832   -9.283142   -115.082283   -0.709013
-0.004287   -0.192576   -24.585469
 0.85916   -9.283142   -115.082283   -0.709013
-0.004287   -0.108684   -18.033551
 1.00000   -9.283142   -115.082283   -0.709013
-0.004287   -0.339052   -13.182747
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2466

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   10.677204   71.558668    0.830687
 0.003566   0.929035   166.417037
 0.57747   10.677204   71.558668    0.830687
 0.003566   0.580791   139.924194
 0.71832   10.677204   71.558668    0.830687
 0.003566   0.232870   119.868767
 0.85916   10.677204   71.558668    0.830687
 0.003566   0.130181   110.422929
 1.00000   10.677204   71.558668    0.830687
 0.003566   0.468380   114.348114

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -7.910017   -109.272691   -0.807243
-0.003583   -0.886364   -131.869904
 0.57747   -7.910017   -109.272691   -0.807243
-0.003583   -0.547954   -92.397397
 0.71832   -7.910017   -109.272691   -0.807243
-0.003583   -0.219413   -61.030681
 0.85916   -7.910017   -109.272691   -0.807243
-0.003583   -0.126972   -49.996869
 1.00000   -7.910017   -109.272691   -0.807243
-0.003583   -0.465725   -40.570935

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    4.737496   4.339315    0.393459
 0.000237   0.437850   12.508255
 0.57747    4.737496   4.339315    0.393459
 0.000237   0.272914   10.696281
 0.71832    4.737496   4.339315    0.393459
 0.000237   0.108262   8.896813
 0.85916    4.737496   4.339315    0.393459
 0.000237   0.049378   7.131762
 1.00000    4.737496   4.339315    0.393459
 0.000237   0.191102   5.450386

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -0.118309   -19.001952   -0.337811
-1.05E-05   -0.376523   -80.320276
 0.57747   -0.118309   -19.001952   -0.337811
-1.05E-05   -0.233867   -72.405591
 0.71832   -0.118309   -19.001952   -0.337811
-1.05E-05   -0.092226   -64.535151
 0.85916   -0.118309   -19.001952   -0.337811
-1.05E-05   -0.057937   -56.676656
 1.00000   -0.118309   -19.001952   -0.337811
-1.05E-05   -0.222451   -48.842449

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    8.561794   5.987430    0.613533
 0.000692   0.685236   17.198452
 0.57747    8.561794   5.987430    0.613533
 0.000692   0.428082   14.835630
 0.71832    8.561794   5.987430    0.613533
 0.000692   0.171363   13.099793
 0.85916    8.561794   5.987430    0.613533
 0.000692   0.083039   12.124352
 1.00000    8.561794   5.987430    0.613533
 0.000692   0.317789   11.983964

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -1.087914   -46.792335   -0.559490
-0.000292   -0.620700   -136.360298
 0.57747   -1.087914   -46.792335   -0.559490
-0.000292   -0.386094   -117.659512
 0.71832   -1.087914   -46.792335   -0.559490
-0.000292   -0.152160   -100.011238
 0.85916   -1.087914   -46.792335   -0.559490
-0.000292   -0.091259   -82.589544
 1.00000   -1.087914   -46.792335   -0.559490
-0.000292   -0.345744   -66.109394
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2467

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   11.686690   6.046376    0.653123
 0.001090   0.731886   34.565258
 0.57747   11.686690   6.046376    0.653123
 0.001090   0.458179   34.197916
 0.71832   11.686690   6.046376    0.653123
 0.001090   0.184899   35.744086
 0.85916   11.686690   6.046376    0.653123
 0.001090   0.085342   42.304455
 1.00000   11.686690   6.046376    0.653123
 0.001090   0.328530   64.934019

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -0.775051   -99.034598   -0.579708
-0.000699   -0.643897   -162.020534
 0.57747   -0.775051   -99.034598   -0.579708
-0.000699   -0.400817   -121.404160
 0.71832   -0.775051   -99.034598   -0.579708
-0.000699   -0.158835   -83.692001
 0.85916   -0.775051   -99.034598   -0.579708
-0.000699   -0.093469   -70.603068
 1.00000   -0.775051   -99.034598   -0.579708
-0.000699   -0.365154   -59.122270

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   12.033747   55.646244    0.793330
 0.004000   0.886959   146.595928
 0.57747   12.033747   55.646244    0.793330
 0.004000   0.554414   127.108315
 0.71832   12.033747   55.646244    0.793330
 0.004000   0.222223   115.010224
 0.85916   12.033747   55.646244    0.793330
 0.004000   0.124236   114.124460
 1.00000   12.033747   55.646244    0.793330
 0.004000   0.440439   127.849947

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -5.463525   -116.360259   -0.754894
-0.003905   -0.826579   -146.978369
 0.57747   -5.463525   -116.360259   -0.754894
-0.003905   -0.510137   -105.560600
 0.71832   -5.463525   -116.360259   -0.754894
-0.003905   -0.205361   -73.501537
 0.85916   -5.463525   -116.360259   -0.754894
-0.003905   -0.123664   -61.591517
 1.00000   -5.463525   -116.360259   -0.754894
-0.003905   -0.445316   -51.208588

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    0.275329   73.743697    0.770904
 0.000365   0.861555   99.939228
 0.57747    0.275329   73.743697    0.770904
 0.000365   0.538286   69.225476
 0.71832    0.275329   73.743697    0.770904
 0.000365   0.214770   38.803238
 0.85916    0.275329   73.743697    0.770904
 0.000365   0.098137   9.790010
 1.00000    0.275329   73.743697    0.770904
 0.000365   0.388096   3.226059

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -10.626784   -7.774911   -0.689888
-0.000740   -0.768214   -20.111002
 0.57747   -10.626784   -7.774911   -0.689888
-0.000740   -0.478792   -17.286916
 0.71832   -10.626784   -7.774911   -0.689888
-0.000740   -0.189239   -14.411301
 0.85916   -10.626784   -7.774911   -0.689888
-0.000740   -0.107300   -13.040581
 1.00000   -10.626784   -7.774911   -0.689888
-0.000740   -0.431179   -33.222632
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2468

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    5.593912   103.076705    1.043961
 0.006595   1.160184   199.140441
 0.57747    5.593912   103.076705    1.043961
 0.006595   0.722840   161.368736
 0.71832    5.593912   103.076705    1.043961
 0.006595   0.288888   136.788770
 0.85916    5.593912   103.076705    1.043961
 0.006595   0.171714   127.467638
 1.00000    5.593912   103.076705    1.043961
 0.006595   0.590963   132.702350

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -12.841985   -86.643351   -1.000076
-0.007055   -1.086057   -52.511822
 0.57747   -12.841985   -86.643351   -1.000076
-0.007055   -0.668173   -25.647055
 0.71832   -12.841985   -86.643351   -1.000076
-0.007055   -0.270333   -19.628540
 0.85916   -12.841985   -86.643351   -1.000076
-0.007055   -0.175550   -15.722211
 1.00000   -12.841985   -86.643351   -1.000076
-0.007055   -0.611543   -22.669551

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    8.096168   92.309952    1.148001
 0.005055   1.279299   183.003980
 0.57747    8.096168   92.309952    1.148001
 0.005055   0.797603   150.177559
 0.71832    8.096168   92.309952    1.148001
 0.005055   0.318932   128.572497
 0.85916    8.096168   92.309952    1.148001
 0.005055   0.170885   125.157390
 1.00000    8.096168   92.309952    1.148001
 0.005055   0.617558   138.880090

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.785293   -111.286352   -1.065354
-0.005377   -1.167080   -85.104791
 0.57747   -11.785293   -111.286352   -1.065354
-0.005377   -0.720714   -46.710324
 0.71832   -11.785293   -111.286352   -1.065354
-0.005377   -0.289107   -23.855866
 0.85916   -11.785293   -111.286352   -1.065354
-0.005377   -0.179807   -15.733845
 1.00000   -11.785293   -111.286352   -1.065354
-0.005377   -0.660094   -20.546722

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    9.517426   79.847818    1.292055
 0.004350   1.440539   160.933607
 0.57747    9.517426   79.847818    1.292055
 0.004350   0.898524   132.355684
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 0.71832      9.517426     79.847818      1.292055
 0.004350     0.358837    113.113163
 0.85916      9.517426     79.847818      1.292055
 0.004350     0.185102    108.956673
 1.00000      9.517426     79.847818      1.292055
 0.004350     0.680192    119.030864

COMB DL-G1-4 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -10.605006  -112.370579     -1.180894
-0.004488    -1.298626  -128.154383
 0.57747   -10.605006  -112.370579     -1.180894
-0.004488    -0.803711   -88.128790
 0.71832   -10.605006  -112.370579     -1.180894
-0.004488    -0.321052   -61.131790
 0.85916   -10.605006  -112.370579     -1.180894
-0.004488    -0.198120   -46.773453
 1.00000   -10.605006  -112.370579     -1.180894
-0.004488    -0.739005   -42.992379
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2469

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663    6.175660     9.663241     0.216033
 0.004547    0.238074    58.329437
 0.57747    6.175660     9.663241     0.216033
 0.004547    0.185764    60.557191
 0.71832    6.175660     9.663241     0.216033
 0.004547    0.059789    74.477877
 0.85916    6.175660     9.663241     0.216033
 0.004547    0.052730   102.280354
 1.00000    6.175660     9.663241     0.216033
 0.004547    0.150723   135.724849

COMB DL-G2-1 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -0.728090   -87.539151     -0.235655
-0.004577    -0.244299    -42.361116
 0.57747   -0.728090   -87.539151     -0.235655
-0.004577    -0.146367    -14.265551
 0.71832   -0.728090   -87.539151     -0.235655
-0.004577    -0.063058     -4.473657
 0.85916   -0.728090   -87.539151     -0.235655
-0.004577    -0.050873     -3.484170
 1.00000   -0.728090   -87.539151     -0.235655
-0.004577    -0.139208     -2.449082

COMB DL-G2-2 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663    9.616934     9.704951     0.528720
 0.004607    0.588045    57.040318
 0.57747    9.616934     9.704951     0.528720
 0.004607    0.365976    59.285869
 0.71832    9.616934     9.704951     0.528720
 0.004607    0.147218    72.827872
 0.85916    9.616934     9.704951     0.528720
 0.004607    0.088572   105.129572
 1.00000    9.616934     9.704951     0.528720
 0.004607    0.295543   145.263309

COMB DL-G2-2 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -1.547130   -121.492933     -0.495067
-0.004514    -0.533201    -94.758126
 0.57747   -1.547130   -121.492933     -0.495067
-0.004514    -0.325674    -52.287730
 0.71832   -1.547130   -121.492933     -0.495067
-0.004514    -0.132995    -25.261669
 0.85916   -1.547130   -121.492933     -0.495067
-0.004514    -0.093116    -16.436515
 1.00000   -1.547130   -121.492933     -0.495067
-0.004514    -0.312293    -11.482159

COMB DL-G2-3 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663    8.780537    81.658052     0.990389
 0.003255    1.103959   198.212661
 0.57747    8.780537    81.658052     0.990389
 0.003255    0.688249   169.030431
 0.71832    8.780537    81.658052     0.990389
 0.003255    0.274877   148.117582
 0.85916    8.780537    81.658052     0.990389
 0.003255    0.142925   141.897522
 1.00000    8.780537    81.658052     0.990389
 0.003255    0.528496   142.912788

COMB DL-G2-3 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -8.908699   -104.320496     -0.920497
-0.003427    -1.013272    -95.759431
 0.57747   -8.908699   -104.320496     -0.920497
-0.003427    -0.526972    -58.328425
 0.71832   -8.908699   -104.320496     -0.920497
-0.003427    -0.250706    -31.738247
 0.85916   -8.908699   -104.320496     -0.920497
-0.003427    -0.151405    -22.076861
 1.00000   -8.908699   -104.320496     -0.920497
-0.003427    -0.565618    -15.707569
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2470

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   10.421697    72.095526     1.192244
 0.002860    1.328725   177.288326
 0.57747   10.421697    72.095526     1.192244
 0.002860    0.828129   151.266295
 0.71832   10.421697    72.095526     1.192244
 0.002860    0.329947   132.130597
 0.85916   10.421697    72.095526     1.192244
 0.002860    0.166971   125.352161
 1.00000   10.421697    72.095526     1.192244
 0.002860    0.626778   124.660174

COMB DL-G2-4 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -7.664657  -104.152711     -1.096825
-0.002865    -1.211150  -142.643874
 0.57747   -7.664657  -104.152711     -1.096825
-0.002865    -0.751021  -104.361855
 0.71832   -7.664657  -104.152711     -1.096825
-0.002865    -0.298303   -75.095161
 0.85916   -7.664657  -104.152711     -1.096825
-0.002865    -0.179016   -59.878692
 1.00000   -7.664657  -104.152711     -1.096825
-0.002865    -0.678022   -47.663397

COMB DL-G3-1 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663    5.389894     7.161136     0.576009
 0.000197    0.641439    21.745681
 0.57747    5.389894     7.161136     0.576009
 0.000197    0.399283    18.764432
 0.71832    5.389894     7.161136     0.576009
 0.000197    0.158028    15.758889
 0.85916    5.389894     7.161136     0.576009
 0.000197    0.077051    12.796886
 1.00000    5.389894     7.161136     0.576009
 0.000197    0.299134     9.925667

COMB DL-G3-1 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -0.211211   -24.544687     -0.529848
-8.08E-06    -0.589614    -98.952198
 0.57747   -0.211211   -24.544687     -0.529848
-8.08E-06    -0.367482    -88.718565
 0.71832   -0.211211   -24.544687     -0.529848
-8.08E-06    -0.145079    -78.511916
 0.85916   -0.211211   -24.544687     -0.529848
-8.08E-06    -0.082751    -68.344449
 1.00000   -0.211211   -24.544687     -0.529848
-8.08E-06    -0.324036    -58.251945

COMB DL-G3-2 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663    8.715371     9.522768     0.936818
 0.000539    1.044894    28.544887
 0.57747    8.715371     9.522768     0.936818
 0.000539    0.651669    24.768405
 0.71832    8.715371     9.522768     0.936818
 0.000539    0.259438    21.326860
 0.85916    8.715371     9.522768     0.936818
 0.000539    0.122871    18.451515
 1.00000    8.715371     9.522768     0.936818
 0.000539    0.475215    16.800153

COMB DL-G3-2 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -1.485519   -53.914249     -0.840646
-0.000218    -0.934816   -159.700937
 0.57747   -1.485519   -53.914249     -0.840646
-0.000218    -0.582257   -137.607605
 0.71832   -1.485519   -53.914249     -0.840646
-0.000218    -0.230029   -116.246437
 0.85916   -1.485519   -53.914249     -0.840646
-0.000218    -0.135262    -95.816261
 1.00000   -1.485519   -53.914249     -0.840646
-0.000218    -0.527245    -76.479876
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2471

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   11.447135    8.917477     0.976088
 0.000644    1.089443   44.610306
 0.57747   11.447135    8.917477     0.976088
 0.000644    0.679975   44.170505
 0.71832   11.447135    8.917477     0.976088
 0.000644    0.270647   46.960785
 0.85916   11.447135    8.917477     0.976088
 0.000644    0.123964   58.302135
 1.00000   11.447135    8.917477     0.976088
 0.000644    0.489427   76.946519

COMB DL-G3-3 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -1.044665   -97.230780     -0.872119
-0.000334    -0.971254   -174.059144
 0.57747   -1.044665   -97.230780     -0.872119
-0.000334    -0.605482   -136.041424
 0.71832   -1.044665   -97.230780     -0.872119
-0.000334    -0.239014   -100.914942
 0.85916   -1.044665   -97.230780     -0.872119
-0.000334    -0.137711    -83.596045
 1.00000   -1.044665   -97.230780     -0.872119
-0.000334    -0.546329    -68.605750

COMB DL-G3-4 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   12.034767    57.794375     1.149999
 0.002973    1.280643   162.932180
 0.57747   12.034767    57.794375     1.149999
 0.002973    0.798485   143.170963
 0.71832   12.034767    57.794375     1.149999
 0.002973    0.317701   130.812187
 0.85916   12.034767    57.794375     1.149999
 0.002973    0.113131   131.647187
 1.00000   12.034767    57.794375     1.149999
 0.002973    0.611952   137.282948

COMB DL-G3-4 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   -5.376539  -109.441147     -1.069396
-0.002902    -1.179870   -160.838591
 0.57747   -5.376539  -109.441147     -1.069396
-0.002902    -0.731972   -120.636893
 0.71832   -5.376539  -109.441147     -1.069396
-0.002902    -0.291684    -90.236805
 0.85916   -5.376539  -109.441147     -1.069396
-0.002902    -0.174833    -74.304707
 1.00000   -5.376539  -109.441147     -1.069396
-0.002902    -0.655327    -60.466651

COMB      DB ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   12.033747   105.027501     0.903487
 0.006694    1.011087   194.887101
 0.57747   12.033747   105.027501     0.903487
 0.006694    0.632299   160.872593
 0.71832   12.033747   105.027501     0.903487
 0.006694    0.253753   137.976349
 0.85916   12.033747   105.027501     0.903487
 0.006694    0.147501   127.809176
 1.00000   12.033747   105.027501     0.903487
 0.006694    0.525264   138.451848

COMB      DB ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663  -12.903114  -134.567817     -0.902084
-0.007193    -0.988647   -162.020534
 0.57747  -12.903114  -134.567817     -0.902084
-0.007193    -0.510487   -121.401460
 0.71832  -12.903114  -134.567817     -0.902084
-0.007193    -0.244398   -100.011238
 0.85916  -12.903114  -134.567817     -0.902084
-0.007193    -0.138420    -82.589544
 1.00000  -12.903114  -134.567817     -0.902084
-0.007193    -0.505894    -66.109394
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2472

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   12.034767   103.076705     1.292055
 0.006595    1.440539   199.140441
 0.57747   12.034767   103.076705     1.292055
 0.006595    0.898524   169.030431
 0.71832   12.034767   103.076705     1.292055
 0.006595    0.358837   148.117582
 0.85916   12.034767   103.076705     1.292055
 0.006595    0.185102   141.897522
 1.00000   12.034767   103.076705     1.292055
 0.006595    0.680192   145.263309

COMB      DL ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663  -12.841985  -121.492933     -1.180894
-0.007055    -1.298626  -174.059144
 0.57747  -12.841985  -121.492933     -1.180894
-0.007055    -0.803711  -137.607605
 0.71832  -12.841985  -121.492933     -1.180894
-0.007055    -0.321052  -116.246437
 0.85916  -12.841985  -121.492933     -1.180894
-0.007055    -0.198120   -95.816261
 1.00000  -12.841985  -121.492933     -1.180894
-0.007055    -0.739005   -76.479876

COMB      CAR ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   12.034767   105.027501     1.292055
 0.006694    1.440539   199.140441
 0.57747   12.034767   105.027501     1.292055
 0.006694    0.898524   169.030431
 0.71832   12.034767   105.027501     1.292055
 0.006694    0.358837   148.117582
 0.85916   12.034767   105.027501     1.292055
 0.006694    0.185102   141.897522
 1.00000   12.034767   105.027501     1.292055
 0.006694    0.680192   145.263309

COMB      CAR ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663  -12.903114  -134.567817     -1.180894
-0.007193    -1.298626  -174.059144
 0.57747  -12.903114  -134.567817     -1.180894
-0.007193    -0.803711  -137.607605
 0.71832  -12.903114  -134.567817     -1.180894
-0.007193    -0.321052  -116.246437
 0.85916  -12.903114  -134.567817     -1.180894
-0.007193    -0.198120   -95.816261
 1.00000  -12.903114  -134.567817     -1.180894
-0.007193    -0.739005   -76.479876

COMB      DESIGN ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663   12.034767   105.027501     1.292055
 0.006694    1.440539   199.140441
 0.57747   12.034767   105.027501     1.292055
 0.006694    0.898524   169.030431
 0.71832   12.034767   105.027501     1.292055
 0.006694    0.358837   148.117582
 0.85916   12.034767   105.027501     1.292055
 0.006694    0.185102   141.897522
 1.00000   12.034767   105.027501     1.292055
 0.006694    0.680192   145.263309

COMB      DESIGN ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.43663  -12.903114  -134.567817     -1.180894
-0.007193    -1.298626  -174.059144
 0.57747  -12.903114  -134.567817     -1.180894
-0.007193    -0.803711  -137.607605
 0.71832  -12.903114  -134.567817     -1.180894
-0.007193    -0.321052  -116.246437
 0.85916  -12.903114  -134.567817     -1.180894
-0.007193    -0.198120   -95.816261
 1.00000  -12.903114  -134.567817     -1.180894
-0.007193    -0.739005   -76.479876
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2473

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      223 ================== LENGTH
=     2.977396

COMB DB-G1-1 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    0.164843    73.543909     0.572527
 0.000380    0.321318     2.532903
 0.14084    0.164843    73.543909     0.572527
 0.000380    0.081185     2.989990
 0.28169    0.164843    73.543909     0.572527
 0.000380    0.152359     3.491900
 0.42253    0.164843    73.543909     0.572527
 0.000380    0.374537     4.662792
 0.56338    0.164843    73.543909     0.572527
 0.000380    0.596784     6.734323

COMB DB-G1-1 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -10.173293    -5.408104     -0.530171
-0.000692    -0.292526   -23.098098
 0.14084   -10.173293    -5.408104     -0.530171
-0.000692    -0.070421    -53.621396
 0.28169   -10.173293    -5.408104     -0.530171
-0.000692    -0.158847    -84.376897
 0.42253   -10.173293    -5.408104     -0.530171
-0.000692    -0.398955   -115.138713
 0.56338   -10.173293    -5.408104     -0.530171
-0.000692    -0.639043   -145.929121

COMB DB-G1-2 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    1.952985   169.829348     0.759136
 0.006611    0.431958   123.003056
 0.14084    1.952985   169.829348     0.759136
 0.006611    0.129301    98.091944
 0.28169    1.952985   169.829348     0.759136
 0.006611    0.211505    73.419207
 0.42253    1.952985   169.829348     0.759136
 0.006611    0.502896    67.734703
 0.56338    1.952985   169.829348     0.759136
 0.006611    0.816986    74.632107

COMB DB-G1-2 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000  -17.029649   -26.598881     -0.749394
-0.007035    -0.441196    -10.730499
 0.14084  -17.029649   -26.598881     -0.749394
-0.007035    -0.128258    -49.561517
 0.28169  -17.029649   -26.598881     -0.749394
-0.007035    -0.211682    -88.650920
 0.42253  -17.029649   -26.598881     -0.749394
-0.007035    -0.530084   -129.718989
 0.56338  -17.029649   -26.598881     -0.749394
-0.007035    -0.848423   -192.091685

COMB DB-G1-3 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    6.150934   138.411058     0.851833
 0.004740    0.483280   122.586945
 0.14084    6.150934   138.411058     0.851833
 0.004740    0.136675   128.819177
 0.28169    6.150934   138.411058     0.851833
 0.004740    0.222302   135.138293
 0.42253    6.150934   138.411058     0.851833
 0.004740    0.538226   154.603628
 0.56338    6.150934   138.411058     0.851833
 0.004740    0.869627   182.705349

COMB DB-G1-3 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000  -14.602233   -74.174558     -0.790608
-0.005122    -0.457309    -9.644354
 0.14084  -14.602233   -74.174558     -0.790608
-0.005122    -0.126698   -45.534474
 0.28169  -14.602233   -74.174558     -0.790608
-0.005122    -0.235908   -81.572868
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2474

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P            V2           V3
    T          M2           M3
 0.42253  -14.602233   -74.174558     -0.790608
-0.005122    -0.593216   -118.906860
 0.56338  -14.602233   -74.174558     -0.790608
-0.005122    -0.950428   -170.710204

COMB DB-G1-4 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    8.143124   117.028519     0.936719
 0.004281    0.530229   103.938694
 0.14084    8.143124   117.028519     0.936719
 0.004281    0.146215   108.463231
 0.28169    8.143124   117.028519     0.936719
 0.004281    0.240979   115.670261
 0.42253    8.143124   117.028519     0.936719
 0.004281    0.587896   134.549335
 0.56338    8.143124   117.028519     0.936719
 0.004281    0.947649   163.260405

COMB DB-G1-4 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -12.803577   -79.172115     -0.858185
-0.004464    -0.492539    -31.976796
 0.14084   -12.803577   -79.172115     -0.858185
-0.004464    -0.133357    -55.322038
 0.28169   -12.803577   -79.172115     -0.858185
-0.004464    -0.259286    -79.457169
 0.42253   -12.803577   -79.172115     -0.858185
-0.004464    -0.657222   -105.743780
 0.56338   -12.803577   -79.172115     -0.858185
-0.004464    -1.045025   -144.923276

COMB DB-G2-1 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    3.659835    63.958374     0.155210
 0.005138    0.092904   133.332744
 0.14084    3.659835    63.958374     0.155210
 0.005138    0.041013   125.533403
 0.28169    3.659835    63.958374     0.155210
 0.005138    0.040709   117.891932
 0.42253    3.659835    63.958374     0.155210
 0.005138    0.087976   125.039872
 0.56338    3.659835    63.958374     0.155210
 0.005138    0.154164   142.414272

COMB DB-G2-1 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -4.200232   -49.269916     -0.157998
-0.005190    -0.111819    -1.720077
 0.14084   -4.200232   -49.269916     -0.157998
-0.005190    -0.046353    -1.169394
 0.28169   -4.200232   -49.269916     -0.157998
-0.005190    -0.043139    -0.746883
 0.42253   -4.200232   -49.269916     -0.157998
-0.005190    -0.108264    -1.959155
 0.56338   -4.200232   -49.269916     -0.157998
-0.005190    -0.173346    -21.000227

COMB DB-G2-2 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    8.218609    59.836708     0.387162
 0.005113    0.223922   138.707256
 0.14084    8.218609    59.836708     0.387162
 0.005113    0.073829   144.835476
 0.28169    8.218609    59.836708     0.387162
 0.005113    0.095760   154.335476
 0.42253    8.218609    59.836708     0.387162
 0.005113    0.226533   178.329591
 0.56338    8.218609    59.836708     0.387162
 0.005113    0.374938   212.271860

COMB DB-G2-2 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -4.628378   -88.235484     -0.354074
-0.005127    -0.219873    -11.181791
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       2475

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P            V2           V3
    T          M2           M3
 0.14084   -4.628378   -88.235484     -0.354074
-0.005127    -0.072063     -7.128123
 0.28169   -4.628378   -88.235484     -0.354074
-0.005127    -0.106227     -4.112680
 0.42253   -4.628378   -88.235484     -0.354074
-0.005127    -0.268667     -4.065827
 0.56338   -4.628378   -88.235484     -0.354074
-0.005127    -0.431018    -21.575338

COMB DB-G2-3 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    7.950358   118.385055     0.733550
 0.004067    0.415698   133.815812
 0.14084    7.950358   118.385055     0.733550
 0.004067    0.116705   125.240536
 0.28169    7.950358   118.385055     0.733550
 0.004067    0.189638   136.891469
 0.42253    7.950358   118.385055     0.733550
 0.004067    0.461333   161.042714
 0.56338    7.950358   118.385055     0.733550
 0.004067    0.745585   192.926284

COMB DB-G2-3 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -11.524826   -82.493612     -0.678104
-0.004308    -0.392778    -13.176069
 0.14084   -11.524826   -82.493612     -0.678104
-0.004308    -0.109161    -15.225360
 0.28169   -11.524826   -82.493612     -0.678104
-0.004308    -0.203357    -44.289724
 0.42253   -11.524826   -82.493612     -0.678104
-0.004308    -0.511047    -75.739021
 0.56338   -11.524826   -82.493612     -0.678104
-0.004308    -0.818658   -119.813258

COMB DB-G2-4 ------------------ MAX

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000    9.622013   101.271103     0.858931
 0.003704    0.485287   114.470065
 0.14084    9.622013   101.271103     0.858931
 0.003704    0.132313   106.347471
 0.28169    9.622013   101.271103     0.858931
 0.003704    0.217126   114.722137
 0.42253    9.622013   101.271103     0.858931
 0.003704    0.532612   133.858444
 0.56338    9.622013   101.271103     0.858931
 0.003704    0.858624   160.602971

COMB DB-G2-4 ------------------ MIN

 REL DIST          P            V2           V3
    T          M2           M3
 0.00000   -9.788857   -82.063973     -0.777638
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-0.003742   -0.446547   -40.577255
 0.14084    -9.788857   -82.063973    -0.777638
-0.003742   -0.120978   -36.888577
 0.28169    -9.788857   -82.063973    -0.777638
-0.003742   -0.238199   -55.527166
 0.42253    -9.788857   -82.063973    -0.777638
-0.003742   -0.598555   -75.919538
 0.56338    -9.788857   -82.063973    -0.777638
-0.003742   -0.958752  -106.722416

COMB DB-G3-1 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    4.787534    4.418816    0.393855
 0.000466   0.220698    5.457126
 0.14084    4.787534    4.418816    0.393855
 0.000466   0.055534    3.900880
 0.28169    4.787534    4.418816    0.393855
 0.000466   0.092537    2.605243
 0.42253    4.787534    4.418816    0.393855
 0.000466   0.232397    2.190334
 0.56338    4.787534    4.418816    0.393855
 0.000466   0.372275    1.891917
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2476

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -0.118964   -19.069300   -0.333559
-0.000174   -0.187240   -48.860228
 0.14084   -0.118964   -19.069300   -0.333559
-0.000174   -0.047253   -41.187215
 0.28169   -0.118964   -19.069300   -0.333559
-0.000174   -0.109566   -33.619861
 0.42253   -0.118964   -19.069300   -0.333559
-0.000174   -0.274772   -26.081722
 0.56338   -0.118964   -19.069300   -0.333559
-0.000174   -0.439955   -18.569087

COMB DB-G3-2 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    8.577605    8.111375    0.633646
 0.001087   0.356171   12.002442
 0.14084    8.577605    8.111375    0.633646
 0.001087   0.090927   12.559658
 0.28169    8.577605    8.111375    0.633646
 0.001087   0.152540   18.115673
 0.42253    8.577605    8.111375    0.633646
 0.001087   0.381558   26.059337
 0.56338    8.577605    8.111375    0.633646
 0.001087   0.611295   35.072306

COMB DB-G3-2 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -1.216924   -45.377026   -0.547880
-0.000680   -0.307758   -66.140696
 0.14084   -1.216924   -45.377026   -0.547880
-0.000680   -0.077875   -52.441270
 0.28169   -1.216924   -45.377026   -0.547880
-0.000680   -0.175433   -40.100665
 0.42253   -1.216924   -45.377026   -0.547880
-0.000680   -0.441228   -29.633795
 0.56338   -1.216924   -45.377026   -0.547880
-0.000680   -0.706971   -21.076105

COMB DB-G3-3 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.737397    9.410290    0.694732
 0.001079   0.391570   64.925248
 0.14084   11.737397    9.410290    0.694732
 0.001079   0.100999   89.822991
 0.28169   11.737397    9.410290    0.694732
 0.001079   0.159592  117.722153
 0.42253   11.737397    9.410290    0.694732
 0.001079   0.401038  147.975781
 0.56338   11.737397    9.410290    0.694732
 0.001079   0.643664  179.348377

COMB DB-G3-3 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -0.969069   -96.933530   -0.578614
-0.000750   -0.142328   -59.142328
 0.14084   -0.969069   -96.933530   -0.578614
-0.000750   -0.084174   -47.636806
 0.28169   -0.969069   -96.933530   -0.578614
-0.000750   -0.191390   -36.911545
 0.42253   -0.969069   -96.933530   -0.578614
-0.000750   -0.482847   -27.534414
 0.56338   -0.969069   -96.933530   -0.578614
-0.000750   -0.774204   -20.086909

COMB DB-G3-4 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   10.770310   90.989811    0.820050
 0.004219   0.463876  128.013445
 0.14084   10.770310   90.989811    0.820050
 0.004219   0.128540  116.597110
 0.28169   10.770310   90.989811    0.820050
 0.004219   0.204238  120.428111
 0.42253   10.770310   90.989811    0.820050
 0.004219   0.520661  136.966305
 0.56338   10.770310   90.989811    0.820050
 0.004219   0.809529  161.215632
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2477

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -7.702230   -84.060553   -0.736668
-0.004103   -0.427108   -51.219780
 0.14084   -7.702230   -84.060553   -0.736668
-0.004103   -0.118717   -73.380354   -40.851034
 0.28169   -7.702230   -84.060553   -0.736668
-0.004103   -0.227665   -46.030780
 0.42253   -7.702230   -84.060553   -0.736668
-0.004103   -0.571671   -58.104875
 0.56338   -7.702230   -84.060553   -0.736668
-0.004103   -0.915573   -82.465761

COMB DL-G1-1 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    0.281320   73.380354    0.782971
 0.000309   0.440129    3.219917
 0.14084    0.281320   73.380354    0.782971
 0.000309   0.110854    3.472167
 0.28169    0.281320   73.380354    0.782971
 0.000309   0.188895    3.776817
 0.42253    0.281320   73.380354    0.782971
 0.000309   0.473289    4.650193
 0.56338    0.281320   73.380354    0.782971
 0.000309   0.757447    7.128791

COMB DL-G1-1 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -10.598647   -7.777528   -0.677264
-0.000589   -0.377833   -33.247981
 0.14084   -10.598647   -7.777528   -0.677264
-0.000589   -0.092981   -61.599793
 0.28169   -10.598647   -7.777528   -0.677264
-0.000589   -0.215948   -89.960852
 0.42253   -10.598647   -7.777528   -0.677264
-0.000589   -0.544517  -118.570181
 0.56338   -10.598647   -7.777528   -0.677264
-0.000589   -0.872907  -148.437615

COMB DL-G1-2 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    2.565596  165.342159    1.046393
 0.006544   0.615845  132.737610
 0.14084    2.565596  165.342159    1.046393
 0.006544   0.177403  106.573052
 0.28169    2.565596  165.342159    1.046393
 0.006544   0.270472   80.704289
 0.42253    2.565596  165.342159    1.046393
 0.006544   0.662219   72.105999
 0.56338    2.565596  165.342159    1.046393
 0.006544   1.075265   79.160211

COMB DL-G1-2 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -16.728344  -27.686641   -0.987962
-0.006951   -0.582246  -22.692010
 0.14084  -16.728344  -27.686641   -0.987962
-0.006951   -0.167478  -56.862685
 0.28169  -16.728344  -27.686641   -0.987962
-0.006951   -0.290199  -91.267029
 0.42253  -16.728344  -27.686641   -0.987962
-0.006951   -0.724981 -128.317789
 0.56338  -16.728344  -27.686641   -0.987962
-0.006951   -1.163426 -193.263057

COMB DL-G1-3 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    6.008920  136.384034    1.163649
 0.004861   0.672998  138.879134
 0.14084    6.008920  136.384034    1.163649
 0.004861   0.185244  140.503493
 0.28169    6.008920  136.384034    1.163649
 0.004861   0.289025  142.388653
 0.42253    6.008920  136.384034    1.163649
 0.004861   0.715887  156.662961
 0.56338    6.008920  136.384034    1.163649
 0.004861   1.158692  182.404739
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2478

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -14.517438  -69.817318   -1.055829
-0.005226   -0.611363   -20.567955
 0.14084  -14.517438  -69.817318   -1.055829
-0.005226   -0.167770   -52.087591
 0.28169  -14.517438  -69.817318   -1.055829
-0.005226   -0.321517   -83.751972
 0.42253  -14.517438  -69.817318   -1.055829
-0.005226   -0.768692  -117.341563
 0.56338  -14.517438  -69.817318   -1.055829
-0.005226   -1.295015  -171.034454

COMB DL-G1-4 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    7.810520  116.437445    1.308145
 0.004311   0.750513  119.039605
 0.14084    7.810520  116.437445    1.308145
 0.004311   0.202169  119.428797
 0.28169    7.810520  116.437445    1.308145
 0.004311   0.321178  122.347699
 0.42253    7.810520  116.437445    1.308145
 0.004311   0.797636  136.310267
 0.56338    7.810520  116.437445    1.308145
 0.004311   1.287278  163.332264

COMB DL-G1-4 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -12.868561  -78.114999   -1.167541
-0.004506   -0.670338  -43.030848
 0.14084  -12.868561  -78.114999   -1.167541
-0.004506   -0.179937   -61.657991
 0.28169  -12.868561  -78.114999   -1.167541
-0.004506   -0.361892   -81.739232
 0.42253  -12.868561  -78.114999   -1.167541
-0.004506   -0.908393  -104.016711
 0.56338  -12.868561  -78.114999   -1.167541
-0.004506   -1.457113  -145.774224

COMB DL-G2-1 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    4.097453   53.722412    0.219128
 0.004329   0.142901  135.732773
 0.14084    4.097453   53.722412    0.219128
 0.004329   0.051568  130.790272
 0.28169    4.097453   53.722412    0.219128
 0.004329   0.064120  125.933566
 0.42253    4.097453   53.722412    0.219128
 0.004329   0.151686  132.736562
 0.56338    4.097453   53.722412    0.219128
 0.004329   0.254806  149.472032

COMB DL-G2-1 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -3.475626  -46.633830   -0.247620
-0.004388   -0.180599   -46.236612
 0.14084   -3.475626  -46.633830   -0.247620
-0.004388   -0.057220   -1.519242
 0.28169   -3.475626  -46.633830   -0.247620
-0.004388   -0.060966   -0.753302
 0.42253   -3.475626  -46.633830   -0.247620
-0.004388   -0.150296   -1.682120
 0.56338   -3.475626  -46.633830   -0.247620
-0.004388   -0.241919   -21.246528

COMB DL-G2-2 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    7.669092   51.745857    0.542299
 0.004417   0.323100  145.263573
 0.14084    7.669092   51.745857    0.542299
 0.004417   0.096930  152.093078
 0.28169    7.669092   51.745857    0.542299
 0.004417   0.133538  162.446764
 0.42253    7.669092   51.745857    0.542299
 0.004417   0.327185  184.436265
 0.56338    7.669092   51.745857    0.542299
 0.004417   0.536458  216.241754
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2479

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -4.151794   -82.669745   -0.498965
-0.004451   -0.299384   -11.481421
 0.14084   -4.151794   -82.669745   -0.498965
-0.004451   -0.090564    -6.929392
 0.28169   -4.151794   -82.669745   -0.498965
-0.004451   -0.149522    -2.495420
 0.42253   -4.151794   -82.669745   -0.498965
-0.004451   -0.374131    -4.111036
 0.56338   -4.151794   -82.669745   -0.498965
-0.004451   -0.601961   -22.349882

COMB DL-G2-3 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    7.546445  108.274879    1.001634
 0.003250   0.573118  142.862145
 0.14084    7.546445  108.274879    1.001634
 0.003250   0.153455  131.501132
 0.28169    7.546445  108.274879    1.001634
 0.003250   0.250584  143.323344
 0.42253    7.546445  108.274879    1.001634
 0.003250   0.623741  165.817913
 0.56338    7.546445  108.274879    1.001634
 0.003250   1.007653  196.244198

COMB DL-G2-3 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -10.550241  -79.310269   -0.914156
-0.003481   -0.523995   -15.691597
 0.14084  -10.550241  -79.310269   -0.914156
-0.003481   -0.140333   -15.110958
 0.28169  -10.550241  -79.310269   -0.914156
-0.003481   -0.277476   -40.253225
 0.42253  -10.550241  -79.310269   -0.914156
-0.003481   -0.695824   -68.956958
 0.56338  -10.550241  -79.310269   -0.914156
-0.003481   -1.116392  -111.126014

COMB DL-G2-4 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    9.413933   94.435538    1.200075
 0.002978   0.681933  124.629140
 0.14084    9.413933   94.435538    1.200075
 0.002978   0.178977  113.482052
 0.28169    9.413933   94.435538    1.200075
 0.002978   0.299401  120.992065
 0.42253    9.413933   94.435538    1.200075
 0.002978   0.746405  137.649915
 0.56338    9.413933   94.435538    1.200075
 0.002978   1.202326  162.848865

COMB DL-G2-4 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -9.037728  -83.268055   -1.086376
-0.003041   -0.618541   -47.669720
 0.14084   -9.037728  -83.268055   -1.086376
-0.003041   -0.162606   -40.162861
 0.28169   -9.037728  -83.268055   -1.086376
-0.003041   -0.332913   -53.676516
 0.42253   -9.037728  -83.268055   -1.086376
-0.003041   -0.834480   -70.225200
 0.56338   -9.037728  -83.268055   -1.086376
-0.003041   -1.338600   -99.313503

COMB DL-G3-1 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    5.428276    7.217869    0.572391
 0.000390   0.319816    9.940079
 0.14084    5.428276    7.217869    0.572391
 0.000390   0.079437    7.243816
 0.28169    5.428276    7.217869    0.572391
 0.000390   0.145338    4.684301
 0.42253    5.428276    7.217869    0.572391
 0.000390   0.364497    2.602384
 0.56338    5.428276    7.217869    0.572391
 0.000390   0.583462    2.112240
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2480

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -0.204601   -24.659398   -0.522203
-0.000163   -0.292448   -58.278323
 0.14084   -0.204601   -24.659398   -0.522203
-0.000163   -0.073376   -48.263257
 0.28169   -0.204601   -24.659398   -0.522203
-0.000163   -0.159362   -38.351116
 0.42253   -0.204601   -24.659398   -0.522203
-0.000163   -0.245426   -28.653706
 0.56338   -0.204601   -24.659398   -0.522203
-0.000163   -0.639743   -20.458116

COMB DL-G3-2 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000    8.719216   10.850452    0.943258
 0.000865   0.528992   16.821206
 0.14084    8.719216   10.850452    0.943258
 0.000865   0.133604   16.455205
 0.28169    8.719216   10.850452    0.943258
 0.000865   0.230496   21.330329
 0.42253    8.719216   10.850452    0.943258
 0.000865   0.577132   28.069799
 0.56338    8.719216   10.850452    0.943258
 0.000865   0.924119   37.420306

COMB DL-G3-2 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -1.550044   -53.117215   -0.827311
-0.000547   -0.463773   -76.521895
 0.14084   -1.550044   -53.117215   -0.827311
-0.000547   -0.116673   -59.246796
 0.28169   -1.550044   -53.117215   -0.827311
-0.000547   -0.262180   -45.168609
 0.42253   -1.550044   -53.117215   -0.827311
-0.000547   -0.657614   -32.158926
 0.56338   -1.550044   -53.117215   -0.827311
-0.000547   -1.053180   -22.658341

COMB DL-G3-3 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.580263    8.967340    0.989462
 0.000553   0.553167   76.926370
 0.14084   11.580263    8.967340    0.989462
 0.000553   0.138587   98.132715
 0.28169   11.580263    8.967340    0.989462
 0.000553   0.239624  125.074233
 0.42253   11.580263    8.967340    0.989462
 0.000553   0.604488  152.278350
 0.56338   11.580263    8.967340    0.989462
 0.000553   0.968280  181.490566

COMB DL-G3-3 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -1.013511   -98.123711   -0.867900
-0.000403   -0.485528   -68.825609
 0.14084   -1.013511   -98.123711   -0.867900
-0.000403   -0.121511   -53.894739
 0.28169   -1.013511   -98.123711   -0.867900
-0.000403   -0.274140   -41.343012
 0.42253   -1.013511   -98.123711   -0.867900
-0.000403   -0.689109   -29.645572
 0.56338   -1.013511   -98.123711   -0.867900
-0.000403   -1.104568   -20.407020

COMB DL-G3-4 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   10.937301   82.181729    1.154532
 0.003094   0.656681  137.259772
 0.14084   10.937301   82.181729    1.154532
 0.003094   0.173221  126.155427
 0.28169   10.937301   82.181729    1.154532
 0.003094   0.291806  129.005741
 0.42253   10.937301   82.181729    1.154532
 0.003094   0.728586  144.052587
 0.56338   10.937301   82.181729    1.154532
 0.003094   1.173265  167.620787
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2481

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   -6.873072   -86.773033   -1.061521
-0.003123   -0.605668   -60.472872
 0.14084   -6.873072   -86.773033   -1.061521
-0.003123   -0.160711   -46.949275
 0.28169   -6.873072   -86.773033   -1.061521
-0.003123   -0.320635   -47.441304
 0.42253   -6.873072   -86.773033   -1.061521
-0.003123   -0.803361   -55.223785
 0.56338   -6.873072   -86.773033   -1.061521
-0.003123   -1.287845   -76.623097

COMB      DB ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.737397  169.829348    0.936719
 0.000611   0.530229  138.707256
 0.14084   11.737397  169.829348    0.936719
 0.000611   0.146215  144.835476
 0.28169   11.737397  169.829348    0.936719
 0.000611   0.240979  154.335476
 0.42253   11.737397  169.829348    0.936719
 0.000611   0.587896  178.329591
 0.56338   11.737397  169.829348    0.936719
 0.000611   0.947649  212.271860

COMB      DB ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -17.029649  -96.933530   -0.858185
-0.007035   -0.492539   -66.140696
 0.14084  -17.029649  -96.933530   -0.858185
-0.007035   -0.133357   -55.322038
 0.28169  -17.029649  -96.933530   -0.858185
-0.007035   -0.259286   -88.650920
 0.42253  -17.029649  -96.933530   -0.858185
-0.007035   -0.652222  -129.718989
 0.56338  -17.029649  -96.933530   -0.858185
-0.007035   -1.045025  -192.091685

COMB      DL ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.580263  165.342159    1.308145
 0.006544   0.750513  145.263573
 0.14084   11.580263  165.342159    1.308145
 0.006544   0.202169  152.093078
 0.28169   11.580263  165.342159    1.308145
 0.006544   0.321178  162.446764
 0.42253   11.580263  165.342159    1.308145
 0.006544   0.797636  184.436265
 0.56338   11.580263  165.342159    1.308145
 0.006544   1.287278  216.241754

COMB      DL ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -16.728344   -98.123711   -1.167541
-0.006951   -0.670338   -76.521895
 0.14084  -16.728344   -98.123711   -1.167541
-0.006951   -0.179937   -61.657991
 0.28169  -16.728344   -98.123711   -1.167541
-0.006951   -0.361892   -91.267029
 0.42253  -16.728344   -98.123711   -1.167541
-0.006951   -0.908393  -128.317789
 0.56338  -16.728344   -98.123711   -1.167541
-0.006951   -1.457113  -193.263057

COMB      CAR ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.737397  169.829348    1.308145
 0.000611   0.750513  145.263573
 0.14084   11.737397  169.829348    1.308145
 0.000611   0.202169  152.093078
 0.28169   11.737397  169.829348    1.308145
 0.000611   0.321178  162.446764
 0.42253   11.737397  169.829348    1.308145
 0.000611   0.797636  184.436265
 0.56338   11.737397  169.829348    1.308145
 0.000611   1.287278  216.241754
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2482

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -17.029649   -98.123711   -1.167541
-0.007035   -0.670338   -76.521895
 0.14084  -17.029649   -98.123711   -1.167541
-0.007035   -0.179937   -61.657991
 0.28169  -17.029649   -98.123711   -1.167541
-0.007035   -0.361892   -91.267029
 0.42253  -17.029649   -98.123711   -1.167541
-0.007035   -0.908393  -129.718989
 0.56338  -17.029649   -98.123711   -1.167541
-0.007035   -1.457113  -193.263057

COMB      DESIGN ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.00000   11.737397  169.829348    1.308145
 0.000611   0.750513  145.263573
 0.14084   11.737397  169.829348    1.308145
 0.000611   0.202169  152.093078
 0.28169   11.737397  169.829348    1.308145
 0.000611   0.321178  162.446764
 0.42253   11.737397  169.829348    1.308145
 0.000611   0.797636  184.436265
 0.56338   11.737397  169.829348    1.308145
 0.000611   1.287278  216.241754

COMB      DESIGN ------------------- MIN

REL DIST         P          V2          V3
      T         M2          M3
 0.00000  -17.029649   -98.123711   -1.167541
-0.007035   -0.670338   -76.521895
 0.14084  -17.029649   -98.123711   -1.167541
-0.007035   -0.179937   -61.657991
 0.28169  -17.029649   -98.123711   -1.167541
-0.007035   -0.361892   -91.267029
 0.42253  -17.029649   -98.123711   -1.167541
-0.007035   -0.908393  -129.718989
 0.56338  -17.029649   -98.123711   -1.167541
-0.007035   -1.457113  -193.263057

ELEM      224 ================== LENGTH
=    2.977407

COMB DB-G1-1 ------------------- MAX

REL DIST         P          V2          V3
      T         M2          M3
 0.43662    0.407513   70.140523    0.540343
 0.000131   0.601182   95.616346
 0.57747    0.407513   70.140523    0.540343
 0.000131   0.374599   66.252634
```

0.71831 0.407513 70.140523 0.540343
0.000131 0.148021 36.970398
0.85916 0.407513 70.140523 0.540343
0.000131 0.075714 8.004412
1.00000 0.407513 70.140523 0.540343
0.000131 0.282358 2.637959

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.709054	-9.578115	-0.492776
-0.001166	-0.544227	-20.385777	
0.57747	-9.709054	-9.578115	-0.492776
-0.001166	-0.337581	-16.490650	
0.71831	-9.709054	-9.578115	-0.492776
-0.001166	-0.131001	-12.974550	
0.85916	-9.709054	-9.578115	-0.492776
-0.001166	-0.078569	-9.677912	
1.00000	-9.709054	-9.578115	-0.492776
-0.001166	-0.305197	-23.285746	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.966756	100.327124	0.735227
0.006227	0.796589	185.742929	
0.57747	4.966756	100.327124	0.735227
0.006227	0.496297	146.234885	
0.71831	4.966756	100.327124	0.735227
0.006227	0.199585	120.908988	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2483

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	4.966756	100.327124	0.735227
0.006227	0.127003	112.907707	
1.00000	4.966756	100.327124	0.735227
0.006227	0.405487	119.791283	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.283745	-92.452505	-0.663010
-0.007558	-0.708844	-50.441602	
0.57747	-12.283745	-92.452505	-0.663010
-0.007558	-0.430944	-25.197810	
0.71831	-12.283745	-92.452505	-0.663010
-0.007558	-0.174692	-18.296533	
0.85916	-12.283745	-92.452505	-0.663010
-0.007558	-0.131612	-13.590832	
1.00000	-12.283745	-92.452505	-0.663010
-0.007558	-0.438851	-11.964063	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.165958	90.668823	0.915041
0.004678	1.008507	177.152405	
0.57747	8.165958	90.668823	0.915041
0.004678	0.630398	141.943089	
0.71831	8.165958	90.668823	0.915041
0.004678	0.254794	117.058565	
0.85916	8.165958	90.668823	0.915041
0.004678	0.131856	106.044499	
1.00000	8.165958	90.668823	0.915041
0.004678	0.449611	117.519185	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.321020	-118.893666	-0.758601
-0.005573	-0.824385	-94.290562	
0.57747	-11.321020	-118.893666	-0.758601
-0.005573	-0.506366	-53.249191	
0.71831	-11.321020	-118.893666	-0.758601
-0.005573	-0.203101	-23.082636	
0.85916	-11.321020	-118.893666	-0.758601
-0.005573	-0.145349	-13.648714	
1.00000	-11.321020	-118.893666	-0.758601
-0.005573	-0.527996	-11.558885	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.575957	79.167859	1.086589
0.004223	1.203800	156.123734	
0.57747	9.575957	79.167859	1.086589
0.004223	0.752930	125.284054	
0.71831	9.575957	79.167859	1.086589
0.004223	0.304034	103.018353	
0.85916	9.575957	79.167859	1.086589
0.004223	0.145781	92.321711	
1.00000	9.575957	79.167859	1.086589
0.004223	0.512918	100.398349	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.934987	-114.355438	-0.876085
-0.004629	-0.957886	-124.770473	
0.57747	-9.934987	-114.355438	-0.876085
-0.004629	-0.590583	-84.361932	
0.71831	-9.934987	-114.355438	-0.876085
-0.004629	-0.235519	-53.427268	
0.85916	-9.934987	-114.355438	-0.876085
-0.004629	-0.166128	-40.108994	
1.00000	-9.934987	-114.355438	-0.876085
-0.004629	-0.620145	-32.527518	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.879168	9.088157	0.206563
0.005417	0.214162	49.667730	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2484

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	5.879168	9.088157	0.206563
0.005417	0.134321	48.909593	
0.71831	5.879168	9.088157	0.206563
0.005417	0.057517	60.503495	
0.85916	5.879168	9.088157	0.206563
0.005417	0.041901	89.014158	
1.00000	5.879168	9.088157	0.206563
0.005417	0.100166	128.798379	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.743438	-100.057857	-0.139628
-0.005430	-0.135890	-45.595072	
0.57747	-0.743438	-100.057857	-0.139628
-0.005430	-0.077448	-15.188046	
0.71831	-0.743438	-100.057857	-0.139628
-0.005430	-0.037172	-3.667365	
0.85916	-0.743438	-100.057857	-0.139628
-0.005430	-0.048598	-2.914882	
1.00000	-0.743438	-100.057857	-0.139628
-0.005430	-0.134138	-2.245590	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.108691	9.786228	0.539921
0.005502	0.591664	54.084135	
0.57747	10.108691	9.786228	0.539921
0.005502	0.371696	53.180535	
0.71831	10.108691	9.786228	0.539921
0.005502	0.154584	64.060273	
0.85916	10.108691	9.786228	0.539921
0.005502	0.075813	90.782327	
1.00000	10.108691	9.786228	0.539921
0.005502	0.236536	132.970146	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.279772	-133.696765	-0.383943
-0.005086	-0.409220	-103.927900	
0.57747	-1.279772	-133.696765	-0.383943
-0.005086	-0.246330	-58.150205	
0.71831	-1.279772	-133.696765	-0.383943
-0.005086	-0.104315	-25.317335	
0.85916	-1.279772	-133.696765	-0.383943
-0.005086	-0.091415	-15.960254	
1.00000	-1.279772	-133.696765	-0.383943
-0.005086	-0.315847	-12.494734	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.134963	81.059006	0.843335
0.004040	0.932686	188.472724	
0.57747	9.134963	81.059006	0.843335
0.004040	0.583607	157.085508	
0.71831	9.134963	81.059006	0.843335
0.004040	0.236619	134.270483	
0.85916	9.134963	81.059006	0.843335
0.004040	0.115083	123.476006	
1.00000	9.134963	81.059006	0.843335
0.004040	0.398587	127.338187	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.823319	-117.122889	-0.676858
-0.004353	-0.738007	-105.279728	
0.57747	-8.823319	-117.122889	-0.676858
-0.004353	-0.454253	-63.541716	
0.71831	-8.823319	-117.122889	-0.676858
-0.004353	-0.182440	-31.318005	
0.85916	-8.823319	-117.122889	-0.676858
-0.004353	-0.131225	-20.880960	
1.00000	-8.823319	-117.122889	-0.676858
-0.004353	-0.483289	-15.506051	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2485

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.303880	72.023844	1.052172
0.003704	1.168288	168.507700	
0.57747	10.303880	72.023844	1.052172
0.003704	0.730924	140.474458	
0.71831	10.303880	72.023844	1.052172
0.003704	0.295285	119.618241	
0.85916	10.303880	72.023844	1.052172
0.003704	0.134468	108.785643	
1.00000	10.303880	72.023844	1.052172
0.003704	0.479886	110.153133	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.572233	-109.121217	-0.824226
-0.003643	-0.903704	-133.989346	
0.57747	-7.572233	-109.121217	-0.824226
-0.003643	-0.558136	-94.423679	
0.71831	-7.572233	-109.121217	-0.824226
-0.003643	-0.222540	-62.778904	
0.85916	-7.572233	-109.121217	-0.824226
-0.003643	-0.158135	-49.174097	
1.00000	-7.572233	-109.121217	-0.824226
-0.003643	-0.597872	-40.134229	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.252807	7.648363	0.547261
0.000502	0.612380	27.232484	
0.57747	4.252807	7.648363	0.547261
0.000502	0.382923	17.034331	
0.71831	4.252807	7.648363	0.547261
0.000502	0.153481	13.861626	
0.85916	4.252807	7.648363	0.547261
0.000502	0.060363	10.749766	
1.00000	4.252807	7.648363	0.547261
0.000502	0.231281	7.692755	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.253900	-16.183651	-0.407347
-6.92E-06	-0.452036	-70.603168	
0.57747	-0.253930	-16.183651	-0.407347
-6.92E-06	-0.281219	-63.977402	
0.71831	-0.253930	-16.183651	-0.407347
-6.92E-06	-0.110423	-57.382127	
0.85916	-0.253930	-16.183651	-0.407347
-6.92E-06	-0.076571	-50.806799	
1.00000	-0.253930	-16.183651	-0.407347
-6.92E-06	-0.305733	-44.297136	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.921070	10.940841	0.887422
0.001102	0.994479	27.768810	
0.57747	7.921070	10.940841	0.887422
0.001102	0.622626	23.600268	
0.71831	7.921070	10.940841	0.887422
0.001102	0.250870	19.577459	
0.85916	7.921070	10.940841	0.887422
0.001102	0.099187	16.963630	
1.00000	7.921070	10.940841	0.887422
0.001102	0.378585	14.596170	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.016421	-42.491046	-0.666205
-0.000201	-0.738972	-124.412979	
0.57747	-1.016421	-42.491046	-0.666205
-0.000201	-0.459586	-107.580227	
0.71831	-1.016421	-42.491046	-0.666205
-0.000201	-0.180892	-91.799381	
0.85916	-1.016421	-42.491046	-0.666205
-0.000201	-0.124390	-76.440243	
1.00000	-1.016421	-42.491046	-0.666205
-0.000201	-0.494444	-61.584009	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2486

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.156558	10.510885	0.992477
0.001484	1.114000	46.408919	
0.57747	11.156558	10.510885	0.992477
0.001484	0.698368	43.603287	
0.71831	11.156558	10.510885	0.992477
0.001484	0.283094	42.542020	
0.85916	11.156558	10.510885	0.992477
0.001484	0.104548	45.706789	
1.00000	11.156558	10.510885	0.992477
0.001484	0.401589	63.463872	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.907625	-95.046937	-0.708354
-0.000532	-0.786724	-154.876616	
0.57747	-0.907625	-95.046937	-0.708354
-0.000532	-0.489684	-115.983545	
0.71831	-0.907625	-95.046937	-0.708354
-0.000532	-0.193749	-79.270295	
0.85916	-0.907625	-95.046937	-0.708354
-0.000532	-0.136395	-65.014931	
1.00000	-0.907625	-95.046937	-0.708354
-0.000532	-0.551236	-55.626289	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.520126	57.744710	1.050594
0.004314	1.165333	152.089259	
0.57747	11.520126	57.744710	1.050594
0.004314	0.729314	130.208639	
0.71831	11.520126	57.744710	1.050594
0.004314	0.295319	116.664406	
0.85916	11.520126	57.744710	1.050594
0.004314	0.133162	114.610880	
1.00000	11.520126	57.744710	1.050594
0.004314	0.470199	124.294301	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.355954	-114.804864	-0.804133
-0.003892	-0.879871	-144.650987	
0.57747	-5.355954	-114.804864	-0.804133
-0.003892	-0.542740	-103.829650	
0.71831	-5.355954	-114.804864	-0.804133
-0.003892	-0.217416	-72.155940	
0.85916	-5.355954	-114.804864	-0.804133
-0.003892	-0.159458	-58.376867	
1.00000	-5.355954	-114.804864	-0.804133
-0.003892	-0.598379	-49.032111	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.437669	68.402339	0.727861
0.000114	0.811602	91.301878	
0.57747	0.437669	68.402339	0.727861
0.000114	0.504104	82.589009	
0.71831	0.437669	68.402339	0.727861
0.000114	0.200823	34.996140	
0.85916	0.437669	68.402339	0.727861
0.000114	0.081260	8.259688	
1.00000	0.437669	68.402339	0.727861
0.000114	0.312162	3.213611	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.445869	-11.917317	-0.550261
-0.001099	-0.608827	-28.625722	
0.57747	-9.445869	-11.917317	-0.550261
-0.001099	-0.378835	-23.985642	
0.71831	-9.445869	-11.917317	-0.550261
-0.001099	-0.147510	-19.782852	
0.85916	-9.445869	-11.917317	-0.550261
-0.001099	-0.103197	-16.724201	
1.00000	-9.445869	-11.917317	-0.550261
-0.001099	-0.409029	-33.703765	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2487

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.484619	96.449537	1.029210
0.006201	1.119601	183.846011	
0.57747	5.484619	96.449537	1.029210
0.006201	0.695663	148.363320	
0.71831	5.484619	96.449537	1.029210
0.006201	0.280347	126.002352	
0.85916	5.484619	96.449537	1.029210
0.006201	0.145506	119.931280	
1.00000	5.484619	96.449537	1.029210
0.006201	0.475927	128.371704	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.632773	-92.156169	-0.791588
-0.007459	-0.850050	-64.466653	
0.57747	-11.632773	-92.156169	-0.791588
-0.007459	-0.508695	-33.964832	
0.71831	-11.632773	-92.156169	-0.791588
-0.007459	-0.208822	-25.517067	
0.85916	-11.632773	-92.156169	-0.791588
-0.007459	-0.175065	-19.774801	
1.00000	-11.632773	-92.156169	-0.791588
-0.007459	-0.606620	-24.258059	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.077320	87.137129	1.319395
0.004756	1.453396	171.115360	
0.57747	8.077320	87.137129	1.319395
0.004756	0.905969	139.596282	
0.71831	8.077320	87.137129	1.319395
0.004756	0.364133	118.832901	
0.85916	8.077320	87.137129	1.319395
0.004756	0.161277	116.615423	
1.00000	8.077320	87.137129	1.319395
0.004756	0.567099	132.006646	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-10.672288	-114.954884	-0.971270
-0.005668	-1.060441	-96.949700	
0.57747	-10.672288	-114.954884	-0.971270
-0.005668	-0.652616	-55.670924	
0.71831	-10.672288	-114.954884	-0.971270
-0.005668	-0.261922	-30.700555	
0.85916	-10.672288	-114.954884	-0.971270
-0.005668	-0.204215	-19.360921	
1.00000	-10.672288	-114.954884	-0.971270
-0.005668	-0.757476	-22.590984	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.248032	77.074402	1.573566
0.004249	1.741205	153.783115	
0.57747	9.248032	77.074402	1.573566
0.004249	1.086213	125.665306	
0.71831	9.248032	77.074402	1.573566
0.004249	0.435820	106.552524	
0.85916	9.248032	77.074402	1.573566
0.004249	0.186972	102.745046	
1.00000	9.248032	77.074402	1.573566
0.004249	0.677013	113.620290	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.444865	-113.084778	-1.171320
-0.004709	-1.286386	-132.431906	
0.57747	-9.444865	-113.084778	-1.171320
-0.004709	-0.794722	-90.960388	
0.71831	-9.444865	-113.084778	-1.171320
-0.004709	-0.317332	-63.208474	
0.85916	-9.444865	-113.084778	-1.171320
-0.004709	-0.236147	-47.203050	
1.00000	-9.444865	-113.084778	-1.171320
-0.004709	-0.895389	-43.181623	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2488

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.834832	9.484809	0.310659
0.004526	0.328158	54.343282	
0.57747	5.834832	9.484809	0.310659
0.004526	0.203180	55.869320	
0.71831	5.834832	9.484809	0.310659
0.004526	0.084370	68.706455	
0.85916	5.834832	9.484809	0.310659
0.004526	0.051279	96.367908	
1.00000	5.834832	9.484809	0.310659
0.004526	0.143758	129.626728	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.754836	-88.125341	-0.221676
-0.004561	-0.227999	-45.984744	
0.57747	-0.754836	-88.125341	-0.221676
-0.004561	-0.134951	-16.361264	
0.71831	-0.754836	-88.125341	-0.221676
-0.004561	-0.059127	-4.761326	
0.85916	-0.754836	-88.125341	-0.221676
-0.004561	-0.063069	-3.751520	
1.00000	-0.754836	-88.125341	-0.221676
-0.004561	-0.193052	-2.756277	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.345309	10.771622	0.833112
0.004700	0.914441	56.205729	
0.57747	9.345309	10.771622	0.833112
0.004700	0.570006	56.941152	
0.71831	9.345309	10.771622	0.833112
0.004700	0.231530	68.495157	
0.85916	9.345309	10.771622	0.833112
0.004700	0.102777	99.012268	
1.00000	9.345309	10.771622	0.833112
0.004700	0.349245	137.610664	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.294729	-119.934904	-0.588573
-0.004399	-0.636505	-97.118591	
0.57747	-1.294729	-119.934904	-0.588573
-0.004399	-0.391511	-53.859760	
0.71831	-1.294729	-119.934904	-0.588573
-0.004399	-0.161227	-26.663565	
0.85916	-1.294729	-119.934904	-0.588573
-0.004399	-0.133059	-16.394673	
1.00000	-1.294729	-119.934904	-0.588573
-0.004399	-0.481565	-12.355532	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.422964	78.871841	1.231949
0.003210	1.365000	189.123867	
0.57747	8.422964	78.871841	1.231949
0.003210	0.851440	160.209618	
0.71831	8.422964	78.871841	1.231949
0.003210	0.341692	139.113933	
0.85916	8.422964	78.871841	1.231949
0.003210	0.141943	132.821294	
1.00000	8.422964	78.871841	1.231949
0.003210	0.519617	133.966725	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.134522	-105.560727	-0.902492
-0.003556	-0.992817	-102.441267	
0.57747	-8.134522	-105.560727	-0.902492
-0.003556	-0.614251	-63.779416	
0.71831	-8.134522	-105.560727	-0.902492
-0.003556	-0.246017	-35.848934	
0.85916	-8.134522	-105.560727	-0.902492
-0.003556	-0.183262	-23.735012	
1.00000	-8.134522	-105.560727	-0.902492
-0.003556	-0.699445	-17.097472	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2489

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.709525	71.539103	1.537782
0.002988	1.708144	173.380309	
0.57747	9.709525	71.539103	1.537782
0.002988	1.065543	146.850396	
0.71831	9.709525	71.539103	1.537782
0.002988	0.426009	126.815256	
0.85916	9.709525	71.539103	1.537782
0.002988	0.177770	119.201839	
1.00000	9.709525	71.539103	1.537782
0.002988	0.662615	117.862876	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.056336	-102.455112	-1.157784
-0.002978	-1.278334	-140.742388	
0.57747	-7.056336	-102.455112	-1.157784
-0.002978	-0.792740	-102.221051	
0.71831	-7.056336	-102.455112	-1.157784
-0.002978	-0.315857	-73.018733	
0.85916	-7.056336	-102.455112	-1.157784
-0.002978	-0.223823	-56.860189	
1.00000	-7.056336	-102.455112	-1.157784
-0.002978	-0.868884	-45.564964	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.432944	10.050629	0.795527
0.000470	0.887662	28.097128	
0.57747	4.432944	10.050629	0.795527
0.000470	0.553520	23.893017	
0.71831	4.432944	10.050629	0.795527
0.000470	0.218904	19.710226	
0.85916	4.432944	10.050629	0.795527
0.000470	0.094752	15.552606	
1.00000	4.432944	10.050629	0.795527
0.000470	0.366008	11.448080	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.326448	-20.187272	-0.646822
-4.05E-06	-0.718966	-85.407274	
0.57747	-0.326448	-20.187272	-0.646822
-4.05E-06	-0.447760	-77.034356	

0.71831 -0.326448 -20.187272 -0.646822
-4.05E-06 -0.176448 -68.698879
0.85916 -0.326448 -20.187272 -0.646822
-4.05E-06 -0.110943 -60.420712
1.00000 -0.326448 -20.187272 -0.646822
-4.05E-06 -0.444632 -52.222674

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.645968	14.018052	1.321957
0.000955	1.476424	37.672222	
0.57747	7.645968	14.018052	1.321957
0.000955	0.921271	32.075097	
0.71831	7.645968	14.018052	1.321957
0.000955	0.366129	26.791169	
0.85916	7.645968	14.018052	1.321957
0.000955	0.151394	22.022022	
1.00000	7.645968	14.018052	1.321957
0.000955	0.584980	18.113354	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.195267	-47.369934	-1.034123
-0.000130	-1.149687	-142.599325	
0.57747	-1.195267	-47.369934	-1.034123
-0.000130	-0.715973	-123.314283	
0.71831	-1.195267	-47.369934	-1.034123
-0.000130	-0.282740	-104.771255	
0.85916	-1.195267	-47.369934	-1.034123
-0.000130	-0.184628	-87.208082	
1.00000	-1.195267	-47.369934	-1.034123
-0.000130	-0.737423	-70.423540	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.482262	13.111734	1.466229
0.001033	1.639705	52.081486	
0.57747	10.482262	13.111734	1.466229
0.001033	1.024012	49.182479	
0.71831	10.482262	13.111734	1.466229
0.001033	0.408208	49.032701	
0.85916	10.482262	13.111734	1.466229
0.001033	0.158542	57.385750	
1.00000	10.482262	13.111734	1.466229
0.001033	0.621101	73.143610	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.007553	-90.916946	-1.102928
-0.000214	-1.229023	-161.184946	
0.57747	-1.007553	-90.916946	-1.102928
-0.000214	-0.766491	-125.342836	
0.71831	-1.007553	-90.916946	-1.102928
-0.000214	-0.304233	-91.999040	
0.85916	-1.007553	-90.916946	-1.102928
-0.000214	-0.077692	-76.465502	
1.00000	-1.007553	-90.916946	-1.102928
-0.000214	-0.815608	-63.355249	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.929096	59.119764	1.548640
0.003282	1.719136	162.472009	
0.57747	10.929096	59.119764	1.548640
0.003282	1.072149	141.365529	
0.71831	10.929096	59.119764	1.548640
0.003282	0.428209	127.297059	
0.85916	10.929096	59.119764	1.548640
0.003282	0.182592	126.030414	
1.00000	10.929096	59.119764	1.548640
0.003282	0.677903	130.872484	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.066702	-105.923147	-1.183241
-0.002932	-1.306074	-153.694995	
0.57747	-5.066702	-105.923147	-1.183241
-0.002932	-0.809682	-114.038902	
0.71831	-5.066702	-105.923147	-1.183241
-0.002932	-0.323284	-84.471932	
0.85916	-5.066702	-105.923147	-1.183241
-0.002932	-0.226453	-68.536400	
1.00000	-5.066702	-105.923147	-1.183241
-0.002932	-0.875108	-56.477089	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.520126	100.327124	1.086589
0.006227	1.203900	188.472724	
0.57747	11.520126	100.327124	1.086589
0.006227	0.752930	157.088088	
0.71831	11.520126	100.327124	1.086589
0.006227	0.304034	134.270483	
0.85916	11.520126	100.327124	1.086589
0.006227	0.145781	123.476006	
1.00000	11.520126	100.327124	1.086589
0.006227	0.512918	132.970146	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.283745	-133.696765	-0.876085
-0.007558	-1.306074	-154.875616	
0.57747	-12.283745	-133.696765	-0.876085
-0.007558	-0.590583	-115.983545	
0.71831	-12.283745	-133.696765	-0.876085
-0.007558	-0.235519	-91.799381	
0.85916	-12.283745	-133.696765	-0.876085
-0.007558	-0.166128	-76.440243	
1.00000	-12.283745	-133.696765	-0.876085
-0.007558	-0.620145	-61.584009	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.929096	96.449537	1.573566
0.006201	1.741205	189.123867	
0.57747	10.929096	96.449537	1.573566
0.006201	1.086213	160.209618	
0.71831	10.929096	96.449537	1.573566
0.006201	0.435420	139.113933	
0.85916	10.929096	96.449537	1.573566
0.006201	0.186972	132.821294	
1.00000	10.929096	96.449537	1.573566
0.006201	0.677903	137.610664	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.632773	-119.934904	-1.183241
-0.007459	-1.306074	-161.184946	
0.57747	-11.632773	-119.934904	-1.183241
-0.007459	-0.809682	-125.342836	
0.71831	-11.632773	-119.934904	-1.183241
-0.007459	-0.323284	-104.771255	
0.85916	-11.632773	-119.934904	-1.183241
-0.007459	-0.236147	-87.208082	
1.00000	-11.632773	-119.934904	-1.183241
-0.007459	-0.895389	-70.423540	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.520126	100.327124	1.573566
0.006227	1.741205	189.123867	
0.57747	11.520126	100.327124	1.573566
0.006227	1.086213	160.209618	
0.71831	11.520126	100.327124	1.573566
0.006227	0.435420	139.113933	
0.85916	11.520126	100.327124	1.573566
0.006227	0.186972	132.821294	
1.00000	11.520126	100.327124	1.573566
0.006227	0.677903	137.610664	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.283745	-133.696765	-1.183241
-0.007558	-1.306074	-161.184946	
0.57747	-12.283745	-133.696765	-1.183241
-0.007558	-0.809682	-125.342836	
0.71831	-12.283745	-133.696765	-1.183241
-0.007558	-0.323284	-104.771255	
0.85916	-12.283745	-133.696765	-1.183241
-0.007558	-0.236147	-87.208082	
1.00000	-12.283745	-133.696765	-1.183241
-0.007558	-0.895389	-70.423540	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.520126	100.327124	1.573566
0.006227	1.741205	189.123867	
0.57747	11.520126	100.327124	1.573566
0.006227	1.086213	160.209618	
0.71831	11.520126	100.327124	1.573566
0.006227	0.435420	139.113933	
0.85916	11.520126	100.327124	1.573566
0.006227	0.186972	132.821294	
1.00000	11.520126	100.327124	1.573566
0.006227	0.677903	137.610664	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-12.283745	-133.696765	-1.183241
-0.007558	-1.306074	-161.184946	
0.57747	-12.283745	-133.696765	-1.183241
-0.007558	-0.809682	-125.342836	
0.71831	-12.283745	-133.696765	-1.183241
-0.007558	-0.323284	-104.771255	
0.85916	-12.283745	-133.696765	-1.183241
-0.007558	-0.236147	-87.208082	
1.00000	-12.283745	-133.696765	-1.183241
-0.007558	-0.895389	-70.423540	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 225 ========== LENGTH = 2.977474

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.412915	69.542086	0.523704
7.18E-06	0.292194	2.634296	
0.14085	0.412915	69.542086	0.523704
7.18E-06	0.072536	2.950116	
0.28169	0.412915	69.542086	0.523704
7.18E-06	0.126791	4.528788	
0.42254	0.412915	69.542086	0.523704
7.18E-06	0.308263	8.125730	
0.56339	0.412915	69.542086	0.523704
7.18E-06	0.489759	11.976136	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.658837	-9.479316	-0.432782
-0.001031	-0.236554	-23.316734	
0.14085	-9.658837	-9.479316	-0.432782
-0.001031	-0.055083	-52.031509	
0.28169	-9.658837	-9.479316	-0.432782
-0.001031	-0.147083	-81.111796	
0.42254	-9.658837	-9.479316	-0.432782
-0.001031	-0.366691	-110.200192	
0.56339	-9.658837	-9.479316	-0.432782
-0.001031	-0.586308	-139.316064	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.141069	164.687432	0.721502
0.006081	0.428330	120.158278	
0.14085	2.141069	164.687432	0.721502
0.006081	0.126781	95.393627	
0.28169	2.141069	164.687432	0.721502
0.006081	0.169135	72.913185	
0.42254	2.141069	164.687432	0.721502
0.006081	0.393176	69.609205	
0.56339	2.141069	164.687432	0.721502
0.006081	0.639885	80.021728	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.354218	-31.735724	-0.588942
-0.007520	-0.349826	-41.597723	
0.14085	-16.354218	-31.735724	-0.588942
-0.007520	-0.103641	-48.622928	
0.28169	-16.354218	-31.735724	-0.588942
-0.007520	-0.199536	-85.769832	
0.42254	-16.354218	-31.735724	-0.588942
-0.007520	-0.487149	-125.553872	
0.56339	-16.354218	-31.735724	-0.588942
-0.007520	-0.782240	-186.446971	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.336622	134.262696	0.936142
0.004267	0.541645	117.739871	
0.14085	6.336622	134.262696	0.936142
0.004267	0.149819	123.466790	
0.28169	6.336622	134.262696	0.936142
0.004267	0.197938	131.486651	
0.42254	6.336622	134.262696	0.936142
0.004267	0.474688	152.848654	
0.56339	6.336622	134.262696	0.936142
0.004267	0.766866	183.568474	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.061582	-78.166956	-0.697198
-0.005500	-0.403890	-11.585941	
0.14085	-14.061582	-78.166956	-0.697198
-0.005500	-0.111774	-46.027987	
0.28169	-14.061582	-78.166956	-0.697198
-0.005500	-0.258982	-80.791812	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-14.061582	-78.166956	-0.697198
-0.005500	-0.641398	-117.291399	
0.56339	-14.061582	-78.166956	-0.697198
-0.005500	-1.028891	-168.114018	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.091944	115.384301	1.118461
0.004032	0.641057	100.587909	
0.14085	8.091944	115.384301	1.118461
0.004032	0.172646	104.054854	
0.28169	8.091944	115.384301	1.118461
0.004032	0.231473	112.466138	
0.42254	8.091944	115.384301	1.118461
0.004032	0.561573	132.976559	
0.56339	8.091944	115.384301	1.118461
0.004032	0.904467	162.326393	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.211894	-80.829495	-0.818074
-0.004617	-0.468850	-32.561822	
0.14085	-12.211894	-80.829495	-0.818074
-0.004617	-0.125959	-55.391419	
0.28169	-12.211894	-80.829495	-0.818074
-0.004617	-0.309861	-78.880974	
0.42254	-12.211894	-80.829495	-0.818074
-0.004617	-0.770469	-105.221321	
0.56339	-12.211894	-80.829495	-0.818074
-0.004617	-1.235288	-144.476006	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.558146	63.703379	0.225641
0.005084	0.148593	129.094288	
0.14085	3.558146	63.703379	0.225641
0.005084	0.054826	121.357281	
0.28169	3.558146	63.703379	0.225641
0.005084	0.036447	113.782351	
0.42254	3.558146	63.703379	0.225641
0.005084	0.076100	121.232281	
0.56339	3.558146	63.703379	0.225641
0.005084	0.134724	139.864087	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.202611	-49.674962	-0.140369
-0.005239	-0.102275	-2.237797	
0.14085	-4.202611	-49.674962	-0.140369
-0.005239	-0.043645	-1.671012	
0.28169	-4.202611	-49.674962	-0.140369
-0.005239	-0.059688	-1.419167	
0.42254	-4.202611	-49.674962	-0.140369
-0.005239	-0.141795	-3.333320	
0.56339	-4.202611	-49.674962	-0.140369
-0.005239	-0.230143	-22.889024	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.019682	60.631853	0.594094
0.005119	0.354847	133.231496	
0.14085	8.019682	60.631853	0.594094
0.005119	0.106404	138.825710	
0.28169	8.019682	60.631853	0.594094
0.005119	0.104375	148.045484	
0.42254	8.019682	60.631853	0.594094
0.005119	0.247633	171.501209	
0.56339	8.019682	60.631853	0.594094
0.005119	0.408520	205.865349	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.488631	-87.354274	-0.384210
-0.005089	-0.237375	-12.491194	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.488631	-87.354274	-0.384210
-0.005089	-0.076515	-9.080770	
0.28169	-4.488631	-87.354274	-0.384210
-0.005089	-0.161322	-6.484190	
0.42254	-4.488631	-87.354274	-0.384210
-0.005089	-0.398825	-7.799439	
0.56339	-4.488631	-87.354274	-0.384210
-0.005089	-0.642140	-26.838965	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.681234	116.276485	0.876466
0.003813	0.505068	127.487107	
0.14085	7.681234	116.276485	0.876466
0.003813	0.138123	120.219700	
0.28169	7.681234	116.276485	0.876466
0.003813	0.178175	132.438580	
0.42254	7.681234	116.276485	0.876466
0.003813	0.330533	157.535278	
0.56339	7.681234	116.276485	0.876466
0.003813	0.695481	190.870038	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.036556	-84.490771	-0.632202
-0.004508	-0.366017	-15.494078	
0.14085	-11.036556	-84.490771	-0.632202
-0.004508	-0.101273	-17.574166	
0.28169	-11.036556	-84.490771	-0.632202
-0.004508	-0.425564	-45.783478	
0.42254	-11.036556	-84.490771	-0.632202
-0.004508	-0.601895	-77.100833	
0.56339	-11.036556	-84.490771	-0.632202
-0.004508	-0.965330	-121.275033	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.118165	101.578539	1.090282
0.003667	0.622464	110.283245	
0.14085	9.118165	101.578539	1.090282
0.003667	0.165750	102.364174	
0.28169	9.118165	101.578539	1.090282
0.003667	0.218864	110.896466	
0.42254	9.118165	101.578539	1.090282
0.003667	0.534245	131.235277	
0.56339	9.118165	101.578539	1.090282
0.003667	0.860142	158.712444	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.432647	-81.877026	-0.777468
-0.003762	-0.444883	-40.134400	
0.14085	-9.432647	-81.877026	-0.777468
-0.003762	-0.191140	-37.294036	
0.28169	-9.432647	-81.877026	-0.777468
-0.003762	-0.302511	-56.089683	
0.42254	-9.432647	-81.877026	-0.777468
-0.003762	-0.752842	-77.201297	
0.56339	-9.432647	-81.877026	-0.777468
-0.003762	-1.206612	-108.873718	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.297888	7.795688	0.563568
0.000763	0.315443	7.701286	
0.14085	4.297888	7.795688	0.563568
0.000763	0.079092	4.797676	
0.28169	4.297888	7.795688	0.563568
0.000763	0.109944	2.404940	
0.42254	4.297888	7.795688	0.563568
0.000763	0.274061	2.414905	
0.56339	4.297888	7.795688	0.563568
0.000763	0.438201	2.585553	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.249960	-16.296651	-0.391395
-1.56E-05	-0.218356	-44.312319	
0.14085	-0.249960	-16.296651	-0.391395
-1.56E-05	-0.054137	-37.916668	
0.28169	-0.249960	-16.296651	-0.391395
-1.56E-05	-0.157290	-31.667375	
0.42254	-0.249960	-16.296651	-0.391395
-1.56E-05	-0.393593	-25.462260	
0.56339	-0.249960	-16.296651	-0.391395
-1.56E-05	-0.629928	-19.297452	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.922041	13.167156	0.928437
0.001512	0.521368	14.618659	
0.14085	7.922041	13.167156	0.928437
0.001512	0.132029	12.762459	
0.28169	7.922041	13.167156	0.928437
0.001512	0.181033	16.759817	
0.42254	7.922041	13.167156	0.928437
0.001512	0.451182	24.510013	
0.56339	7.922041	13.167156	0.928437
0.001512	0.722055	33.356685	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.137659	-41.166063	-0.645910
-0.000364	-0.361484	-61.610965	
0.14085	-1.137659	-41.166063	-0.645910
-0.000364	-0.090574	-49.971880	
0.28169	-1.137659	-41.166063	-0.645910
-0.000364	-0.258115	-39.120944	
0.42254	-1.137659	-41.166063	-0.645910
-0.000364	-0.646956	-30.748338	
0.56339	-1.137659	-41.166063	-0.645910
-0.000364	-1.036072	-24.697307	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.186812	13.943979	1.056387
0.001302	1.354447	64.461731	
0.14085	11.186812	13.943979	1.056387
0.001302	0.151503	86.303130	
0.28169	11.186812	13.943979	1.056387
0.001302	0.193404	112.750322	
0.42254	11.186812	13.943979	1.056387
0.001302	0.463960	142.918622	
0.56339	11.186812	13.943979	1.056387
0.001302	0.775666	174.206289	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.094709	-93.082280	-0.695657
-0.000509	-0.391377	-55.641438	
0.14085	-1.094709	-93.082280	-0.695657
-0.000509	-0.099552	-46.198537	
0.28169	-1.094709	-93.082280	-0.695657
-0.000509	-0.292804	-37.237673	
0.42254	-1.094709	-93.082280	-0.695657
-0.000509	-0.735030	-30.044441	
0.56339	-1.094709	-93.082280	-0.695657
-0.000509	-1.177663	-25.045694	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.103506	92.941340	1.095809
0.004322	0.627881	124.465331	
0.14085	10.103506	92.941340	1.095809
0.004322	0.168914	112.752899	
0.28169	10.103506	92.941340	1.095809
0.004322	0.214510	115.999597	
0.42254	10.103506	92.941340	1.095809
0.004322	0.523516	132.739281	
0.56339	10.103506	92.941340	1.095809
0.004322	0.844872	158.891414	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.562993	-82.511408	-0.766779
-0.004060	-0.442499	-49.037290	
0.14085	-7.562993	-82.511408	-0.766779
-0.004060	-0.121048	-39.737776	
0.28169	-7.562993	-82.511408	-0.766779
-0.004060	-0.303615	-46.469695	
0.42254	-7.562993	-82.511408	-0.766779
-0.004060	-0.754985	-60.020603	
0.56339	-7.562993	-82.511408	-0.766779
-0.004060	-1.210446	-85.972402	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.448480	67.901592	0.716892
4.23E-06	0.401131	3.206226	
0.14085	0.448480	67.901592	0.716892
4.23E-06	0.099458	3.328025	
0.28169	0.448480	67.901592	0.716892
4.23E-06	0.148011	4.472519	
0.42254	0.448480	67.901592	0.716892
4.23E-06	0.370494	8.815879	
0.56339	0.448480	67.901592	0.716892
4.23E-06	0.592228	13.511554	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.420359	-11.828880	-0.528358
-0.000975	-0.293269	-33.723877	
0.14085	-9.420359	-11.828880	-0.528358
-0.000975	-0.071156	-58.554819	
0.28169	-9.420359	-11.828880	-0.528358
-0.000975	-0.199406	-83.385754	
0.42254	-9.420359	-11.828880	-0.528358
-0.000975	-0.500454	-111.599236	
0.56339	-9.420359	-11.828880	-0.528358
-0.000975	-0.801113	-139.722500	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.295154	158.329604	1.015796

```
 0.006117    0.596974  128.409886
 0.14085     2.295154  158.329604    1.015796
 0.006117    0.170668  102.567375
 0.28169     2.295154  158.329604    1.015796
 0.006117    0.208403   78.615650
 0.42254     2.295154  158.329604    1.015796
 0.006117    0.504686   74.885740
 0.56339     2.295154  158.329604    1.015796
 0.006117    0.825651   84.983994

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.480681  -33.005799   -0.764076
-0.007461   -0.455815   -24.273687
 0.14085  -15.480681  -33.005799   -0.764076
-0.007461   -0.135042   -54.335624
 0.28169  -15.480681  -33.005799   -0.764076
-0.007461   -0.280154   -85.551380
 0.42254  -15.480681  -33.005799   -0.764076
-0.007461   -0.687524  -122.538058
 0.56339  -15.480681  -33.005799   -0.764076
-0.007461   -1.107253  -185.447537

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    5.871295  130.974211    1.325010
 0.004484   0.761197  132.009472
 0.14085    5.871295  130.974211    1.325010
 0.004484   0.202567  133.197396
 0.28169    5.871295  130.974211    1.325010
 0.004484   0.261668  136.288721
 0.42254    5.871295  130.974211    1.325010
 0.004484   0.644164  154.266470
 0.56339    5.871295  130.974211    1.325010
 0.004484   1.044494  182.224799
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2497

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.377382  -73.426990   -0.953246
-0.005636   -0.554367   -22.604417
 0.14085  -13.377382  -73.426990   -0.953246
-0.005636   -0.154260   -50.912173
 0.28169  -13.377382  -73.426990   -0.953246
-0.005636   -0.365720   -80.167288
 0.42254  -13.377382  -73.426990   -0.953246
-0.005636   -0.908656  -113.988188
 0.56339  -13.377382  -73.426990   -0.953246
-0.005636   -1.459777  -166.284648

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.437997  113.521858    1.584071
 0.004146   0.902649  113.631834
 0.14085    7.437997  113.521858    1.584071
 0.004146   0.237947  113.053300
 0.28169    7.437997  113.521858    1.584071
 0.004146   0.317589  116.431043
 0.42254    7.437997  113.521858    1.584071
 0.004146   0.785237  133.914577
 0.56339    7.437997  113.521858    1.584071
 0.004146   1.267679  161.515391

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.687628  -78.835973   -1.149274
-0.004723   -0.660116   -43.207908
 0.14085  -11.687628  -78.835973   -1.149274
-0.004723   -0.177773   -60.250917
 0.28169  -11.687628  -78.835973   -1.149274
-0.004723   -0.438185   -79.286879
 0.42254  -11.687628  -78.835973   -1.149274
-0.004723   -1.092236  -103.603469
 0.56339  -11.687628  -78.835973   -1.149274
-0.004723   -1.752772  -144.801255

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    3.639928   53.374081    0.318362
 0.004286   0.039264  129.039269
 0.14085    3.639928   53.374081    0.318362
 0.004286   0.065120  125.072076
 0.28169    3.639928   53.374081    0.318362
 0.004286   0.058141  120.641908
 0.42254    3.639928   53.374081    0.318362
 0.004286   0.134934  128.372697
 0.56339    3.639928   53.374081    0.318362
 0.004286   0.229493  145.535118

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.474605  -47.158735   -0.225422
-0.004439   -0.148738   -2.742274
 0.14085   -3.474605  -47.158735   -0.225422
-0.004439   -0.054481   -1.851178
 0.28169   -3.474605  -47.158735   -0.225422
-0.004439   -0.086375   -1.275115
 0.42254   -3.474605  -47.158735   -0.225422
-0.004439   -0.206836   -2.086116
 0.56339   -3.474605  -47.158735   -0.225422
-0.004439   -0.335979   -22.713717

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.282692   52.746782    0.859045
 0.004437   0.500046  137.614187
 0.14085    7.282692   52.746782    0.859045
 0.004437   0.140276  143.988117
 0.28169    7.282692   52.746782    0.859045
 0.004437   0.161252  153.778142
 0.42254    7.282692   52.746782    0.859045
 0.004437   0.393657  175.875183
 0.56339    7.282692   52.746782    0.859045
 0.004437   0.643492  207.227413
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2498

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -3.873405  -81.189131   -0.595270
-0.004436   -0.355647   -12.347664
 0.14085   -3.873405  -81.189131   -0.595270
-0.004436   -0.106398   -8.696606
 0.28169   -3.873405  -81.189131   -0.595270
-0.004436   -0.235231   -6.977314
 0.42254   -3.873405  -81.189131   -0.595270
-0.004436   -0.583234   -8.068492
 0.56339   -3.873405  -81.189131   -0.595270
-0.004436   -0.939402   -27.110567

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.111592  105.342209    1.241824
 0.003084   0.706032  133.922855
 0.14085    7.111592  105.342209    1.241824
 0.003084   0.185627  124.481663
 0.28169    7.111592  105.342209    1.241824
 0.003084   0.244341  136.902878
 0.42254    7.111592  105.342209    1.241824
 0.003084   0.605863  161.566330
 0.56339    7.111592  105.342209    1.241824
 0.003084   0.978417  192.915966

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.761759  -80.539427   -0.887479
-0.003725   -0.510019   -17.074857
 0.14085   -9.761759  -80.539427   -0.887479
-0.003725   -0.138307   -16.820752
 0.28169   -9.761759  -80.539427   -0.887479
-0.003725   -0.344127   -41.128872
 0.42254   -9.761759  -80.539427   -0.887479
-0.003725   -0.857275   -70.364741
 0.56339   -9.761759  -80.539427   -0.887479
-0.003725   -1.375423  -111.855524

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    8.630606   93.826645    1.549294
 0.003026   0.875441  117.835774
 0.14085    8.630606   93.826645    1.549294
 0.003026   0.225400  107.469462
 0.28169    8.630606   93.826645    1.549294
 0.003026   0.314375  114.983535
 0.42254    8.630606   93.826645    1.549294
 0.003026   0.780719  134.598443
 0.56339    8.630606   93.826645    1.549294
 0.003026   1.256316  160.561870

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.419791  -81.623547   -1.133423
-0.003108   -0.644774   -45.562743
 0.14085   -8.419791  -81.623547   -1.133423
-0.003108   -0.169792   -39.534484
 0.28169   -8.419791  -81.623547   -1.133423
-0.003108   -0.429774   -53.615500
 0.42254   -8.419791  -81.623547   -1.133423
-0.003108   -1.073683   -73.280180
 0.56339   -8.419791  -81.623547   -1.133423
-0.003108   -1.721714  -103.628627

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.461536   10.199120    0.800878
 0.000710   0.445304   11.462859
 0.14085    4.461536   10.199120    0.800878
 0.000710   0.109834    7.525161
 0.28169    4.461536   10.199120    0.800878
 0.000710   0.175751    3.890754
 0.42254    4.461536   10.199120    0.800878
 0.000710   0.438175    3.064841
 0.56339    4.461536   10.199120    0.800878
 0.000710   0.700487    3.478538
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2499

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -0.318007  -20.373367   -0.625574
-1.15E-05   -0.349007   -52.250863
 0.14085   -0.318007  -20.373367   -0.625574
-1.15E-05   -0.086652   -44.092688
 0.28169   -0.318007  -20.373367   -0.625574
-1.15E-05   -0.222430   -36.063950
 0.42254   -0.318007  -20.373367   -0.625574
-1.15E-05   -0.559177   -30.113376
 0.56339   -0.318007  -20.373367   -0.625574
-1.15E-05   -0.895430   -25.286995

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.633020   15.495517    1.339042
 0.001322   0.747264   18.136269
 0.14085    7.633020   15.495517    1.339042
 0.001322   0.186033   15.797180
 0.28169    7.633020   15.495517    1.339042
 0.001322   0.282973   18.636404
 0.42254    7.633020   15.495517    1.339042
 0.001322   0.706123   26.436197
 0.56339    7.633020   15.495517    1.339042
 0.001322   1.129725   36.064361

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.258798  -46.712786   -1.009976
-0.000282   -0.564606   -70.462360
 0.14085   -1.258798  -46.712786   -1.009976
-0.000282   -0.411099   -55.410156
 0.28169   -1.258798  -46.712786   -1.009976
-0.000282   -0.371003   -44.384902
 0.42254   -1.258798  -46.712786   -1.009976
-0.000282   -0.933562   -36.428138
 0.56339   -1.258798  -46.712786   -1.009976
-0.000282   -1.495660   -31.249817

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.601636   13.289507    1.495926
 0.000937   0.834583   13.709083
 0.14085   10.601636   13.289507    1.495926
 0.000937   0.207260   93.634749
 0.28169   10.601636   13.289507    1.495926
 0.000937   0.303717  117.640602
 0.42254   10.601636   13.289507    1.495926
 0.000937   0.760622  145.615206
 0.56339   10.601636   13.289507    1.495926
 0.000937   1.217772  174.918303

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -0.980346  -91.932236   -1.089870
-7.40E-05   -0.610755   -63.375333
 0.14085   -0.980346  -91.932236   -1.089870
-7.40E-05   -0.153657   -51.523711
 0.28169   -0.980346  -91.932236   -1.089870
-7.40E-05   -0.414359   -41.449886
 0.42254   -0.980346  -91.932236   -1.089870
-7.40E-05   -1.042902   -34.480574
 0.56339   -0.980346  -91.932236   -1.089870
-7.40E-05   -1.670662   -29.321449

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    9.755787   83.467312    1.563522
 0.003281   0.883222  130.860404
 0.14085    9.755787   83.467312    1.563522
 0.003281   0.227836  119.700771
 0.28169    9.755787   83.467312    1.563522
 0.003281   0.321143  122.359924
 0.42254    9.755787   83.467312    1.563522
 0.003281   0.796703  139.653885
 0.56339    9.755787   83.467312    1.563522
 0.003281   1.282440  164.490781
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2500

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -6.550762  -83.300379   -1.157828
-0.003111   -0.660102   -56.482766
 0.14085   -6.550762  -83.300379   -1.157828
-0.003111   -0.447212   -44.479776
 0.28169   -6.550762  -83.300379   -1.157828
-0.003111   -0.433332   -47.441715
 0.42254   -6.550762  -83.300379   -1.157828
-0.003111   -1.082648   -59.370345
 0.56339   -6.550762  -83.300379   -1.157828
-0.003111   -1.736236   -83.605356

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.186812  164.687432    1.118461
 0.006081   0.641057  133.231496
 0.14085   11.186812  164.687432    1.118461
 0.006081   0.172646  138.825710
 0.28169   11.186812  164.687432    1.118461
 0.006081   0.231473  148.045484
 0.42254   11.186812  164.687432    1.118461
 0.006081   0.561573  171.501209
 0.56339   11.186812  164.687432    1.118461
 0.006081   0.904467  205.865349

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.354218  -93.082280   -0.818074
-0.007520   -0.468850   -61.610965
 0.14085  -16.354218  -93.082280   -0.818074
-0.007520   -0.125959   -55.391419
 0.28169  -16.354218  -93.082280   -0.818074
-0.007520   -0.309861   -85.769832
 0.42254  -16.354218  -93.082280   -0.818074
-0.007520   -0.710469   -125.553872
 0.56339  -16.354218  -93.082280   -0.818074
-0.007520   -1.235288   -186.446971

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.601636  158.329604    1.584071
 0.006117   0.902649  137.614187
 0.14085   10.601636  158.329604    1.584071
 0.006117   0.237947  143.988117
 0.28169   10.601636  158.329604    1.584071
 0.006117   0.321143  153.778142
 0.42254   10.601636  158.329604    1.584071
 0.006117   0.796703  175.875183
 0.56339   10.601636  158.329604    1.584071
 0.006117   1.282440  207.227413

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -15.480681  -91.932236   -1.157828
-0.007461   -0.660116   -70.462360
 0.14085  -15.480681  -91.932236   -1.157828
-0.007461   -0.177773   -60.250917
 0.28169  -15.480681  -91.932236   -1.157828
-0.007461   -0.438185   -85.551380
 0.42254  -15.480681  -91.932236   -1.157828
-0.007461   -1.092236   -122.538058
 0.56339  -15.480681  -91.932236   -1.157828
-0.007461   -1.752772   -185.447537

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.186812  164.687432    1.584071
 0.006117   0.902649  137.614187
 0.14085   11.186812  164.687432    1.584071
 0.006117   0.237947  143.988117
 0.28169   11.186812  164.687432    1.584071
 0.006117   0.321143  153.778142
 0.42254   11.186812  164.687432    1.584071
 0.006117   0.796703  175.875183
 0.56339   11.186812  164.687432    1.584071
 0.006117   1.282440  207.227413
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2501

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.354218  -93.082280   -1.157828
-0.007520   -0.660116   -70.462360
 0.14085  -16.354218  -93.082280   -1.157828
-0.007520   -0.177773   -60.250917
 0.28169  -16.354218  -93.082280   -1.157828
-0.007520   -0.438185   -85.769832
 0.42254  -16.354218  -93.082280   -1.157828
-0.007520   -1.092236   -125.553872
 0.56339  -16.354218  -93.082280   -1.157828
-0.007520   -1.752772   -186.446971

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.186812  164.687432    1.584071
 0.006117   0.902649  137.614187
 0.14085   11.186812  164.687432    1.584071
 0.006117   0.237947  143.988117
 0.28169   11.186812  164.687432    1.584071
 0.006117   0.321143  153.778142
 0.42254   11.186812  164.687432    1.584071
 0.006117   0.796703  175.875183
 0.56339   11.186812  164.687432    1.584071
 0.006117   1.282440  207.227413

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.354218  -93.082280   -1.157828
-0.007520   -0.660116   -70.462360
 0.14085  -16.354218  -93.082280   -1.157828
-0.007520   -0.177773   -60.250917
 0.28169  -16.354218  -93.082280   -1.157828
-0.007520   -0.438185   -85.769832
 0.42254  -16.354218  -93.082280   -1.157828
-0.007520   -1.092236   -125.553872
 0.56339  -16.354218  -93.082280   -1.157828
-0.007520   -1.752772   -186.446971

ELEM      226 ================== LENGTH
=     2.977556

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    1.871566   57.722856    0.517875
 1.61E-05   0.572107   75.762401
 0.57745    1.871566   57.722856    0.517875
 1.61E-05   0.354925   51.603194
 0.71830    1.871566   57.722856    0.517875
 1.61E-05   0.137739   27.515255
 0.85915    1.871566   57.722856    0.517875
 1.61E-05   0.058959    3.924466
 1.00000    1.871566   57.722856    0.517875
 1.61E-05   0.220679    2.642347

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43660   -7.199176  -17.461870   -0.385612
-0.001386   -0.426211   -35.183525
 0.57745   -7.199176  -17.461870   -0.385612
-0.001386   -0.264496   -27.955217
 0.71830   -7.199176  -17.461870   -0.385612
-0.001386   -0.102779   -21.019140
 0.85915   -7.199176  -17.461870   -0.385612
-0.001386   -0.079468   -14.508436
 1.00000   -7.199176  -17.461870   -0.385612
-0.001386   -0.296662   -22.517796

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    5.517571   85.853555    0.732231
 0.006207   0.788610  157.515546
 0.57745    5.517571   85.853555    0.732231
 0.006207   0.488907  123.448877
 0.71830    5.517571   85.853555    0.732231
 0.006207   0.195550  102.365669
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2502

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.85915    5.517571   85.853555    0.732231
 0.006207   0.113240  100.020488
 1.00000    5.517571   85.853555    0.732231
 0.006207   0.342098  113.103720

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43660  -11.837485 -101.792894   -0.547490
-0.007769   -0.577103   -71.321729
 0.57745  -11.837485 -101.792894   -0.547490
-0.007769   -0.353551   -39.938070
 0.71830  -11.837485 -101.792894   -0.547490
-0.007769   -0.140171   -27.645398
 0.85915  -11.837485 -101.792894   -0.547490
-0.007769   -0.133846   -19.284030
 1.00000  -11.837485 -101.792894   -0.547490
-0.007769   -0.439797   -12.930698

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    8.317390   82.159111    0.995634
 0.004752   1.095192  153.476565
 0.57745    8.317390   82.159111    0.995634
 0.004752   0.682763  122.596690
 0.71830    8.317390   82.159111    0.995634
 0.004752   0.274748  101.161411
 0.85915    8.317390   82.159111    0.995634
 0.004752   0.125967   93.855116
 1.00000    8.317390   82.159111    0.995634
 0.004752   0.421978  106.753915

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43660  -10.391456 -123.010205   -0.706898
-0.005590   -0.764408   -112.886437
 0.57745  -10.391456 -123.010205   -0.706898
-0.005590   -0.472061   -69.134916
 0.71830  -10.391456 -123.010205   -0.706898
-0.005590   -0.186620   -37.129966
 0.85915  -10.391456 -123.010205   -0.706898
-0.005590   -0.158941   -17.847269
 1.00000  -10.391456 -123.010205   -0.706898
-0.005590   -0.575290   -13.497336

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    9.784299   75.243966    1.233274
 0.004399   1.365089  142.009124
 0.57745    9.784299   75.243966    1.233274
 0.004399   0.852162  113.429323
 0.71830    9.784299   75.243966    1.233274
 0.004399   0.342891   92.732642
 0.85915    9.784299   75.243966    1.233274
 0.004399   0.147527   83.826540
 1.00000    9.784299   75.243966    1.233274
 0.004399   0.515609   91.911924

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43660   -9.209559  -113.365048   -0.878507
-0.004644   -0.958571   -130.234438
 0.57745   -9.209559  -113.365048   -0.878507
-0.004644   -0.593553   -89.472638
 0.71830   -9.209559  -113.365048   -0.878507
-0.004644   -0.243246   -58.562782
 0.85915   -9.209559  -113.365048   -0.878507
-0.004644   -0.187789   -39.341413
 1.00000   -9.209559  -113.365048   -0.878507
-0.004644   -0.704028   -31.940285

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    4.562941    9.556865    0.270818
 0.005418   0.285846   45.341690
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2503

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.57745    4.562941    9.556865    0.270818
 0.005418   0.178467   43.918338
 0.71830    4.562941    9.556865    0.270818
 0.005418   0.076470   53.886017
 0.85915    4.562941    9.556865    0.270818
 0.005418   0.050025   81.257436
 1.00000    4.562941    9.556865    0.270818
 0.005418   0.122050  118.976611

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43660   -3.041760  -99.398762   -0.173299
-0.005315   -0.169296   -52.370214
 0.57745   -3.041760  -99.398762   -0.173299
-0.005315   -0.101684   -20.098534
 0.71830   -3.041760  -99.398762   -0.173299
-0.005315   -0.042596   -4.306124
 0.85915   -3.041760  -99.398762   -0.173299
-0.005315   -0.056280   -2.765429
 1.00000   -3.041760  -99.398762   -0.173299
-0.005315   -0.168700   -2.618220

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43660    8.996987   15.946346    0.706617
 0.005636   0.778006   54.367322
 0.57745    8.996987   15.946346    0.706617
 0.005636   0.487554   51.667498
 0.71830    8.996987   15.946346    0.706617
 0.005636   0.202145   59.811447
 0.85915    8.996987   15.946346    0.706617
 0.005636   0.089418   84.085218
 1.00000    8.996987   15.946346    0.706617
 0.005636   0.283425  120.737032

COMB DB-G2-2 ------------------- MIN
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REL DIST          P          V2          V3
     T         M2          M3
0.43660  -2.639535 -127.251222  -0.463830
-0.004847  -0.495291 -104.905438
0.57745  -2.639535 -127.251222  -0.463830
-0.004847  -0.305475  -60.577401
0.71830  -2.639535 -127.251222  -0.463830
-0.004847  -0.123566  -30.160815
0.85915  -2.639535 -127.251222  -0.463830
-0.004847  -0.112751  -14.484165
1.00000  -2.639535 -127.251222  -0.463830
-0.004847  -0.407642  -14.058100

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.757615   78.480429   0.951663
 0.004153   1.052642  172.510145
0.57745   8.757615   78.480429   0.951663
 0.004153   0.657734  142.974371
0.71830   8.757615   78.480429   0.951663
 0.004153   0.266374  121.333556
0.85915   8.757615   78.480429   0.951663
 0.004153   0.119643  111.823865
1.00000   8.757615   78.480429   0.951663
 0.004153   0.407362  113.951572

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -9.012992 -116.088470  -0.686904
-0.004285  -0.745394 -114.787667
0.57745  -9.012992 -116.088470  -0.686904
-0.004285  -0.460647  -72.685241
0.71830  -9.012992 -116.088470  -0.686904
-0.004285  -0.181498  -40.613240
0.85915  -9.012992 -116.088470  -0.686904
-0.004285  -0.146036  -22.432790
1.00000  -9.012992 -116.088470  -0.686904
-0.004285  -0.544055  -17.984957
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2504

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   9.530224   72.797895   1.217892
 0.003925   1.352944  160.967187
0.57745   9.530224   72.797895   1.217892
 0.003925   0.845642  133.283479
0.71830   9.530224   72.797895   1.217892
 0.003925   0.341414  112.188460
0.85915   9.530224   72.797895   1.217892
 0.003925   0.146704  101.221360
1.00000   9.530224   72.797895   1.217892
 0.003925   0.517896   99.864269

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -8.187263 -104.134140  -0.885675
-0.003586  -0.968233 -129.533531
0.57745  -8.187263 -104.134140  -0.885675
-0.003586  -0.599585  -91.506460
0.71830  -8.187263 -104.134140  -0.885675
-0.003586  -0.235616  -61.856204
0.85915  -8.187263 -104.134140  -0.885675
-0.003586  -0.180507  -43.609858
1.00000  -8.187263 -104.134140  -0.885675
-0.003586  -0.690336  -37.200025

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   2.947032   11.825891   0.658270
 0.000678   0.737289   29.102123
0.57745   2.947032   11.825891   0.658270
 0.000678   0.461225   24.177151
0.71830   2.947032   11.825891   0.658270
 0.000678   0.185170   19.270803
0.85915   2.947032   11.825891   0.658270
 0.000678   0.074798   14.470256
1.00000   2.947032   11.825891   0.658270
 0.000678   0.282129    9.766886

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -1.148941   -9.815008  -0.494256
-6.95E-06  -0.547013  -50.428993
0.57745  -1.148941   -9.815008  -0.494256
-6.95E-06  -0.339734  -46.462107
0.71830  -1.148941   -9.815008  -0.494256
-6.95E-06  -0.132467  -42.570098
0.85915  -1.148941   -9.815008  -0.494256
-6.95E-06  -0.091017  -38.733047
1.00000  -1.148941   -9.815008  -0.494256
-6.95E-06  -0.367000  -34.920589

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   6.960918   19.154837   1.092800
 0.001399   1.224721   42.430782
0.57745   6.960918   19.154837   1.092800
 0.001399   0.766667   34.647813
0.71830   6.960918   19.154837   1.092800
 0.001399   0.308859   27.844591
0.85915   6.960918   19.154837   1.092800
 0.001399   0.119490   21.848699
1.00000   6.960918   19.154837   1.092800
 0.001399   0.454155   16.412110

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -1.773426  -30.948216  -0.797809
-0.000201  -0.884252  -95.860742
0.57745  -1.773426  -30.948216  -0.797809
-0.000201  -0.549854  -83.805888
0.71830  -1.773426  -30.948216  -0.797809
-0.000201  -0.215752  -73.033813
0.85915  -1.773426  -30.948216  -0.797809
-0.000201  -0.150789  -62.752458
1.00000  -1.773426  -30.948216  -0.797809
-0.000201  -0.608592  -52.914444
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2505

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   9.301770   20.733767   1.246272
 0.001789   1.399067   58.152923
0.57745   9.301770   20.733767   1.246272
 0.001789   0.876914   52.128892
0.71830   9.301770   20.733767   1.246272
 0.001789   0.352703   47.670289
0.85915   9.301770   20.733767   1.246272
 0.001789   0.131182   46.589475
1.00000   9.301770   20.733767   1.246272
 0.001789   0.498894   57.287026

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -2.063175  -82.150751  -0.876512
-0.000319  -0.971588 -133.563812
0.57745  -2.063175  -82.150751  -0.876512
-0.000319  -0.604287 -100.261706
0.71830  -2.063175  -82.150751  -0.876512
-0.000319  -0.237478  -68.573421
0.85915  -2.063175  -82.150751  -0.876512
-0.000319  -0.169811  -51.195494
1.00000  -2.063175  -82.150751  -0.876512
-0.000319  -0.691899  -47.522778

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   9.732933   61.980467   1.243637
 0.004564   1.381645  150.677115
0.57745   9.732933   61.980467   1.243637
 0.004564   0.864208  127.704314
0.71830   9.732933   61.980467   1.243637
 0.004564   0.350302  112.468844
0.85915   9.732933   61.980467   1.243637
 0.004564   0.152848  108.690329
1.00000   9.732933   61.980467   1.243637
 0.004564   0.534068  114.341512

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -6.952766 -106.837651  -0.909662
-0.003778  -0.992375 -132.433416
0.57745  -6.952766 -106.837651  -0.909662
-0.003778  -0.514170  -94.147332
0.71830  -6.952766 -106.837651  -0.909662
-0.003778  -0.241484  -65.707576
0.85915  -6.952766 -106.837651  -0.909662
-0.003778  -0.184392  -48.505058
1.00000  -6.952766 -106.837651  -0.909662
-0.003778  -0.704883  -42.948932

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   3.196364   53.938053   0.694752
 1.15E-05   0.770293   69.483360
0.57745   3.196364   53.938053   0.694752
 1.15E-05   0.478871   47.210873
0.71830   3.196364   53.938053   0.694752
 1.15E-05   0.187117   25.326461
0.85915   3.196364   53.938053   0.694752
 1.15E-05   0.061893    5.173320
1.00000   3.196364   53.938053   0.694752
 1.15E-05   0.238318    3.130685

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -6.225262  -22.061343  -0.418761
-0.001390  -0.464819  -48.743800
0.57745  -6.225262  -22.061343  -0.418761
-0.001390  -0.289478  -39.840698
0.71830  -6.225262  -22.061343  -0.418761
-0.001390  -0.113355  -31.374556
0.85915  -6.225262  -22.061343  -0.418761
-0.001390  -0.102895  -24.263952
1.00000  -6.225262  -22.061343  -0.418761
-0.001390  -0.394679  -33.520411
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2506

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   6.772994   79.676360   1.002784
 0.006191   1.088137  149.668052
0.57745   6.772994   79.676360   1.002784
 0.006191   0.675291  119.760279
0.71830   6.772994   79.676360   1.002784
 0.006191   0.270714  103.406223
0.85915   6.772994   79.676360   1.002784
 0.006191   0.126357  104.496137
1.00000   6.772994   79.676360   1.002784
 0.006191   0.396066  119.348493

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660 -10.787650 -103.833573  -0.640714
-0.007724  -0.680839  -90.624833
0.57745 -10.787650 -103.833573  -0.640714
-0.007724  -0.415539  -51.472473
0.71830 -10.787650 -103.833573  -0.640714
-0.007724  -0.167499  -37.485687
0.85915 -10.787650 -103.833573  -0.640714
-0.007724  -0.172733  -27.345771
1.00000 -10.787650 -103.833573  -0.640714
-0.007724  -0.593240  -25.870291

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.938432   77.158129   1.445490
 0.004839   1.593972  147.624878
0.57745   8.938432   77.158129   1.445490
 0.004839   0.992743  119.089263
0.71830   8.938432   77.158129   1.445490
 0.004839   0.397334  100.674489
0.85915   8.938432   77.158129   1.445490
 0.004839   0.179372   99.833476
1.00000   8.938432   77.158129   1.445490
 0.004839   0.551464  117.997799

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -9.625502 -120.352842  -0.935374
-0.005750  -1.019485 -120.094455
0.57745  -9.625502 -120.352842  -0.935374
-0.005750  -0.629627  -73.247494
0.71830  -9.625502 -120.352842  -0.935374
-0.005750  -0.252152  -44.511764
0.85915  -9.625502 -120.352842  -0.935374
-0.005750  -0.221892  -25.294293
1.00000  -9.625502 -120.352842  -0.935374
-0.005750  -0.829403  -25.055160

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660  10.400795   72.521665   1.788577
 0.004463   1.980649  140.055164
0.57745  10.400795   72.521665   1.788577
 0.004463   1.234574  112.873565
0.71830  10.400795   72.521665   1.788577
 0.004463   0.493202   94.146211
0.85915  10.400795   72.521665   1.788577
 0.004463   0.195163   90.219967
1.00000  10.400795   72.521665   1.788577
 0.004463   0.701622  102.099494

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -8.612595 -111.935486  -1.208338
-0.004777  -1.326800 -138.646504
0.57745  -8.612595 -111.935486  -1.208338
-0.004777  -0.822161  -98.873141
0.71830  -8.612595 -111.935486  -1.208338
-0.004777  -0.327604  -66.336418
0.85915  -8.612595 -111.935486  -1.208338
-0.004777  -0.266173  -46.415886
1.00000  -8.612595 -111.935486  -1.208338
-0.004777  -1.017791  -42.191864
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2507

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   3.847897   10.179517   0.387166
 0.004540   0.416626   48.320843
0.57745   3.847897   10.179517   0.387166
 0.004540   0.259686   47.786677
0.71830   3.847897   10.179517   0.387166
 0.004540   0.108553   58.150523
0.85915   3.847897   10.179517   0.387166
 0.004540   0.060861   84.873920
1.00000   3.847897   10.179517   0.387166
 0.004540   0.173454  117.020646

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -3.280908  -86.849692  -0.269230
-0.004449  -0.278640  -51.326408
0.57745  -3.280908  -86.849692  -0.269230
-0.004449  -0.167990  -18.830591
0.71830  -3.280908  -86.849692  -0.269230
-0.004449  -0.070064   -5.037387
0.85915  -3.280908  -86.849692  -0.269230
-0.004449  -0.070232   -3.324627
1.00000  -3.280908  -86.849692  -0.269230
-0.004449  -0.232119   -2.975417

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.114796   17.962665   1.071711
 0.004863   1.183847   60.515672
0.57745   8.114796   17.962665   1.071711
 0.004863   0.739117   56.913030
0.71830   8.114796   17.962665   1.071711
 0.004863   0.299846   62.998911
0.85915   8.114796   17.962665   1.071711
 0.004863   0.125250   87.527774
1.00000   8.114796   17.962665   1.071711
 0.004863   0.430433  121.985173

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -2.896778 -112.148020  -0.729224
-0.004135  -0.793526  -97.170934
0.57745  -2.896778 -112.148020  -0.729224
-0.004135  -0.490980  -53.717123
0.71830  -2.896778 -112.148020  -0.729224
-0.004135  -0.198179  -27.605172
0.85915  -2.896778 -112.148020  -0.729224
-0.004135  -0.162377  -14.285326
1.00000  -2.896778 -112.148020  -0.729224
-0.004135  -0.612788  -13.629541

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.184746   75.881615   1.410402
 0.003347   1.540688  142.460610
0.57745   8.184746   75.881615   1.410402
 0.003347   0.976857  143.922404
0.71830   8.184746   75.881615   1.410402
 0.003347   0.391516  122.165348
0.85915   8.184746   75.881615   1.410402
 0.003347   0.152071  114.732880
1.00000   8.184746   75.881615   1.410402
 0.003347   0.550129  116.456089

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -8.735014 -104.613531  -0.948607
-0.003534  -1.042209 -112.177322
0.57745  -8.735014 -104.613531  -0.948607
-0.003534  -0.646577  -71.093337
0.71830  -8.735014 -104.613531  -0.948607
-0.003534  -0.257066  -41.759634
0.85915  -8.735014 -104.613531  -0.948607
-0.003534  -0.205827  -24.600408
1.00000  -8.735014 -104.613531  -0.948607
-0.003534  -0.799074  -18.935078
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2508

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.981984   72.549835   1.795422
 0.003260   1.996708  165.439573
0.57745   8.981984   72.549835   1.795422
 0.003260   1.240438  137.790710
0.71830   8.981984   72.549835   1.795422
 0.003260   0.497930  115.897888
0.85915   8.981984   72.549835   1.795422
 0.003260   0.197897  105.965400
1.00000   8.981984   72.549835   1.795422
 0.003260   0.732064  103.767327

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -8.152441  -96.053521  -1.272654
-0.002959  -1.403668 -132.299036
0.57745  -8.152441  -96.053521  -1.272654
-0.002959  -0.871875  -94.486857
0.71830  -8.152441  -96.053521  -1.272654
-0.002959  -0.344945  -66.548885
0.85915  -8.152441  -96.053521  -1.272654
-0.002959  -0.257703  -48.601347
1.00000  -8.152441  -96.053521  -1.272654
-0.002959  -1.012806  -40.594003

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   2.835882   15.058220   0.957589
 0.000688   1.069416   37.160540
0.57745   2.835882   15.058220   0.957589
 0.000688   0.667545   30.976641
0.71830   2.835882   15.058220   0.957589
 0.000688   0.265129   24.959323
0.85915   2.835882   15.058220   0.957589
 0.000688   0.114752   19.012044
1.00000   2.835882   15.058220   0.957589
 0.000688   0.438066   13.156410

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -1.950151  -12.176125  -0.770568
-4.06E-06  -0.854655  -58.972614
0.57745  -1.950151  -12.176125  -0.770568
-4.06E-06  -0.531437  -54.081675
0.71830  -1.950151  -12.176125  -0.770568
-4.06E-06  -0.208081  -49.382618
0.85915  -1.950151  -12.176125  -0.770568
-4.06E-06  -0.132769  -44.753408
1.00000  -1.950151  -12.176125  -0.770568
-4.06E-06  -0.535507  -40.225661

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   7.137493   23.991758   1.618348
 0.001333   1.807644   53.907753
0.57745   7.137493   23.991758   1.618348
 0.001333   1.128550   44.245576
0.71830   7.137493   23.991758   1.618348
 0.001333   0.449040   35.210386
0.85915   7.137493   23.991758   1.618348
 0.001333   0.181194   26.840965
1.00000   7.137493   23.991758   1.618348
 0.001333   0.697620   19.321761

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -2.485960  -32.970488  -1.231016
-0.000128  -1.367426 -105.318036
0.57745  -2.485960  -32.970488  -1.231016
-0.000128  -0.851180  -92.082765
0.71830  -2.485960  -32.970488  -1.231016
-0.000128  -0.335162  -79.898134
0.85915  -2.485960  -32.970488  -1.231016
-0.000128  -0.225032  -68.874361
1.00000  -2.485960  -32.970488  -1.231016
-0.000128  -0.905079  -58.774534
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2509

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.456185   25.088977   1.851777
 0.001403   2.072524   68.426091
0.57745   8.456185   25.088977   1.851777
 0.001403   1.295183   60.022794
0.71830   8.456185   25.088977   1.851777
 0.001403   0.516971   53.143861
0.85915   8.456185   25.088977   1.851777
 0.001403   0.199737   54.232142
1.00000   8.456185   25.088977   1.851777
 0.001403   0.774354   64.146172

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -2.962382  -74.854217  -1.369441
-5.38E-06  -1.523342 -131.615103
0.57745  -2.962382  -74.854217  -1.369441
-5.38E-06  -0.948998 -101.500279
0.71830  -2.962382  -74.854217  -1.369441
-5.36E-06  -0.374826  -72.849838
0.85915  -2.962382  -74.854217  -1.369441
-5.38E-06  -0.251993  -57.512663
1.00000  -2.962382  -74.854217  -1.369441
-5.38E-06  -1.030998  -52.624299

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   8.853243   64.073587   1.843835
 0.003584   2.051492  161.387743
0.57745   8.853243   64.073587   1.843835
 0.003584   1.280673  137.401304
0.71830   8.853243   64.073587   1.843835
 0.003584   0.512451  119.678168
0.85915   8.853243   64.073587   1.843835
 0.003584   0.211828  114.692443
1.00000   8.853243   64.073587   1.843835
 0.003584   0.780659  117.100833

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660  -7.643944  -95.930334  -1.355433
-0.002831  -1.494094 -135.440652
0.57745  -7.643944  -95.930334  -1.355433
-0.002831  -0.827017  -97.840739
0.71830  -7.643944  -95.930334  -1.355433
-0.002831  -0.366909  -71.021375
0.85915  -7.643944  -95.930334  -1.355433
-0.002831  -0.263897  -55.021313
1.00000  -7.643944  -95.930334  -1.355433
-0.002831  -1.039115  -47.912073

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660   9.784299   85.853555   1.246272
 0.006207   1.399067  172.510145
0.57745   9.784299   85.853555   1.246272
 0.006207   0.876914  142.974371
0.71830   9.784299   85.853555   1.246272
 0.006207   0.355203  121.333556
0.85915   9.784299   85.853555   1.246272
 0.006207   0.152848  111.823865
1.00000   9.784299   85.853555   1.246272
 0.006207   0.534068  120.737032

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660 -11.837485 -127.251222  -0.909662
-0.007769  -0.992375 -133.563812
0.57745 -11.837485 -127.251222  -0.909662
-0.007769  -0.614170 -100.261706
0.71830 -11.837485 -127.251222  -0.909662
-0.007769  -0.241484  -73.033813
0.85915 -11.837485 -127.251222  -0.909662
-0.007769  -0.187789  -62.752458
1.00000 -11.837485 -127.251222  -0.909662
-0.007769  -0.704883  -52.914444
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                  >
                                       2510

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660  10.400795   79.676360   1.851777
 0.006191   2.072524  172.499810
0.57745  10.400795   79.676360   1.851777
 0.006191   1.295183  143.922404
0.71830  10.400795   79.676360   1.851777
 0.006191   0.516971  122.165348
0.85915  10.400795   79.676360   1.851777
 0.006191   0.211828  114.732880
1.00000  10.400795   79.676360   1.851777
 0.006191   0.780659  121.985173

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2          M3
0.43660 -10.787650 -120.352842  -1.369441
-0.007724  -1.523342 -138.646504
0.57745 -10.787650 -120.352842  -1.369441
-0.007724  -0.948998 -101.500279
0.71830 -10.787650 -120.352842  -1.369441
-0.007724  -0.374826  -79.898134
0.85915 -10.787650 -120.352842  -1.369441
-0.007724  -0.266173  -68.874361
1.00000 -10.787650 -120.352842  -1.369441
-0.007724  -1.039115  -58.774534

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2          M3
0.43660  10.400795   85.853555   1.851777
 0.006207   2.072524  172.510145
0.57745  10.400795   85.853555   1.851777
 0.006207   1.295183  143.922404
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 0.71830    10.400795    85.853555     1.851777
 0.006207    0.516971   122.165348
 0.85915    10.400795    85.853555     1.851777
 0.006207    0.211828   114.732880
 1.00000    10.400795    85.853555     1.851777
 0.006207    0.780659   121.985173

COMB     CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43660   -11.837485  -127.251222   -1.369441
-0.007769   -1.523342  -138.646504
 0.57745   -11.837485  -127.251222   -1.369441
-0.007769   -0.948998  -101.500279
 0.71830   -11.837485  -127.251222   -1.369441
-0.007769   -0.374826   -79.898134
 0.85915   -11.837485  -127.251222   -1.369441
-0.007769   -0.266173   -68.874361
 1.00000   -11.837485  -127.251222   -1.369441
-0.007769   -1.039115   -58.774534

COMB   DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43660    10.400795    85.853555     1.851777
 0.006207    2.072524   172.510145
 0.57745    10.400795    85.853555     1.851777
 0.006207    1.295183   143.922404
 0.71830    10.400795    85.853555     1.851777
 0.006207    0.516971   122.165348
 0.85915    10.400795    85.853555     1.851777
 0.006207    0.211828   114.732880
 1.00000    10.400795    85.853555     1.851777
 0.006207    0.780659   121.985173

COMB   DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43660   -11.837485  -127.251222   -1.369441
-0.007769   -1.523342  -138.646504
 0.57745   -11.837485  -127.251222   -1.369441
-0.007769   -0.948998  -101.500279
 0.71830   -11.837485  -127.251222   -1.369441
-0.007769   -0.374826   -79.898134
 0.85915   -11.837485  -127.251222   -1.369441
-0.007769   -0.266173   -68.874361
 1.00000   -11.837485  -127.251222   -1.369441
-0.007769   -1.039115   -58.774534
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2511

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      227 ================== LENGTH =     2.977615

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.869088    57.436717     0.456100
 7.24E-06    0.250161     2.638540
 0.14085    1.869088    57.436717     0.456100
 7.24E-06    0.058869     3.060579
 0.28170    1.869088    57.436717     0.456100
 7.24E-06    0.103376     9.550192
 0.42256    1.869088    57.436717     0.456100
 7.24E-06    0.253115    16.655478
 0.56341    1.869088    57.436717     0.456100
 7.24E-06    0.402853    23.904718

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -7.173370   -17.468875    -0.357026
-0.001293   -0.196168   -22.538659
 0.14085   -7.173370   -17.468875    -0.357026
-0.001293   -0.046807   -46.065653
 0.28170   -7.173370   -17.468875    -0.357026
-0.001293   -0.132433   -70.072854
 0.42256   -7.173370   -17.468875    -0.357026
-0.001293   -0.323715   -94.089537
 0.56341   -7.173370   -17.468875    -0.357026
-0.001293   -0.515001  -118.132050

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    2.651440   150.285072     0.689147
 0.006023    0.401759    13.415598
 0.14085    2.651440   150.285072     0.689147
 0.006023    0.119548    90.115262
 0.28170    2.651440   150.285072     0.689147
 0.006023    0.134057    72.641738
 0.42256    2.651440   150.285072     0.689147
 0.006023    0.327164    75.222432
 0.56341    2.651440   150.285072     0.689147
 0.006023    0.520263    89.994596

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -15.161702   -40.540510    -0.460375
-0.007848   -0.277414   -12.950307
 0.14085   -15.161702   -40.540510    -0.460375
-0.007848   -0.085825   -43.718823
 0.28170   -15.161702   -40.540510    -0.460375
-0.007848   -0.193615   -75.346006
 0.42256   -15.161702   -40.540510    -0.460375
-0.007848   -0.464499  -111.436774
 0.56341   -15.161702   -40.540510    -0.460375
-0.007848   -0.749038  -168.173969

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.433259   125.834802     0.996787
 0.004223    0.574097   106.988443
 0.14085    6.433259   125.834802     0.996787
 0.004223    0.156626   111.403206
 0.28170    6.433259   125.834802     0.996787
 0.004223    0.181140   121.686588
 0.42256    6.433259   125.834802     0.996787
 0.004223    0.447030   145.921006
 0.56341    6.433259   125.834802     0.996787
 0.004223    0.712886   178.500356

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -12.639988   -81.700485    -0.633876
-0.005648   -0.367832   -13.511871
 0.14085   -12.639988   -81.700485    -0.633876
-0.005648   -0.102901   -44.378925
 0.28170   -12.639988   -81.700485    -0.633876
-0.005648   -0.277643   -75.870322
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2512

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.42256   -12.639988   -81.700485    -0.633876
-0.005648   -0.683496  -110.322591
 0.56341   -12.639988   -81.700485    -0.633876
-0.005648   -1.098551  -158.886013

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.237835   111.469764     1.249887
 0.004099    0.713332    92.111929
 0.14085    8.237835   111.469764     1.249887
 0.004099    0.189586    93.487621
 0.28170    8.237835   111.469764     1.249887
 0.004099    0.220361   103.354450
 0.42256    8.237835   111.469764     1.249887
 0.004099    0.570871   125.511386
 0.56341    8.237835   111.469764     1.249887
 0.004099    0.911342   154.769002

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -11.072637   -79.217005    -0.811787
-0.004691   -0.464889   -31.959537
 0.14085   -11.072637   -79.217005    -0.811787
-0.004691   -0.125177   -53.969541
 0.28170   -11.072637   -79.217005    -0.811787
-0.004691   -0.348216   -76.593141
 0.42256   -11.072637   -79.217005    -0.811787
-0.004691   -0.862132  -102.854715
 0.56341   -11.072637   -79.217005    -0.811787
-0.004691   -1.383849  -142.032533

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    2.202693    63.875309     0.307879
 0.005036    0.196792   119.281073
 0.14085    2.202693    63.875309     0.307879
 0.005036    0.068448   111.310352
 0.28170    2.202693    63.875309     0.307879
 0.005036    0.036474   103.480309
 0.42256    2.202693    63.875309     0.307879
 0.005036    0.090907   111.798388
 0.56341    2.202693    63.875309     0.307879
 0.005036    0.145342   130.206802

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -5.858813   -48.335404    -0.129792
-0.005240   -0.093628   -2.609657
 0.14085   -5.858813   -48.335404    -0.129792
-0.005240   -0.040107   -2.736715
 0.28170   -5.858813   -48.335404    -0.129792
-0.005240   -0.081041   -3.373230
 0.42256   -5.858813   -48.335404    -0.129792
-0.005240   -0.194827   -7.601468
 0.56341   -5.858813   -48.335404    -0.129792
-0.005240   -0.320288   -29.160526

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.846196    66.470662     0.780781
 0.005106    0.461571   121.012503
 0.14085    6.846196    66.470662     0.780781
 0.005106    0.134865   123.615668
 0.28170    6.846196    66.470662     0.780781
 0.005106    0.119757   129.931398
 0.42256    6.846196    66.470662     0.780781
 0.005106    0.301406   151.889401
 0.56341    6.846196    66.470662     0.780781
 0.005106    0.483026   183.411261

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -5.251679   -80.046769    -0.433025
-0.004877   -0.263232   -14.051265
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2513

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.14085   -5.251679   -80.046769    -0.433025
-0.004877   -0.082467   -13.722804
 0.28170   -5.251679   -80.046769    -0.433025
-0.004877   -0.211481   -13.981446
 0.42256   -5.251679   -80.046769    -0.433025
-0.004877   -0.574736   -19.174079
 0.56341   -5.251679   -80.046769    -0.433025
-0.004877   -0.848765   -42.144810

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    7.255066   113.714496     0.990496
 0.003575    0.569634   114.120860
 0.14085    7.255066   113.714496     0.990496
 0.003575    0.154801   107.044533
 0.28170    7.255066   113.714496     0.990496
 0.003575    0.173414   113.360672
 0.42256    7.255066   113.714496     0.990496
 0.003575    0.427365   145.565662
 0.56341    7.255066   113.714496     0.990496
 0.003575    0.681406   178.455610

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.827751   -82.877097    -0.605704
-0.004506   -0.348768   -17.968999
 0.14085  -10.827751   -82.877097    -0.605704
-0.004506   -0.095355   -21.408433
 0.28170  -10.827751   -82.877097    -0.605704
-0.004506   -0.274017   -48.880093
 0.42256  -10.827751   -82.877097    -0.605704
-0.004506   -0.679352   -80.181427
 0.56341  -10.827751   -82.877097    -0.605704
-0.004506   -1.092367  -124.363862

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.287958   102.307846     1.265983
 0.003695    0.721512   100.011945
 0.14085    8.287958   102.307846     1.265983
 0.003695    0.191028   101.060120
 0.28170    8.287958   102.307846     1.265983
 0.003695    0.228248   100.359981
 0.42256    8.287958   102.307846     1.265983
 0.003695    0.563888   121.638580
 0.56341    8.287958   102.307846     1.265983
 0.003695    0.899616   148.850432

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -9.705601   -76.299311    -0.800454
-0.003770   -0.454985   -37.192882
 0.14085   -9.705601   -76.299311    -0.800454
-0.003770   -0.119757   -37.385294
 0.28170   -9.705601   -76.299311    -0.800454
-0.003770   -0.351140   -57.615189
 0.42256   -9.705601   -76.299311    -0.800454
-0.003770   -0.873651   -80.791099
 0.56341   -9.705601   -76.299311    -0.800454
-0.003770   -1.402597  -114.526444

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    2.968747    11.884497     0.686126
 0.000966    0.384390     9.775364
 0.14085    2.968747    11.884497     0.686126
 0.000966    0.096638     5.559734
 0.28170    2.968747    11.884497     0.686126
 0.000966    0.130392     2.630233
 0.42256    2.968747    11.884497     0.686126
 0.000966    0.322439     2.331972
 0.56341    2.968747    11.884497     0.686126
 0.000966    0.514485     2.884724
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2514

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -1.148959    -9.767588    -0.457902
-1.17E-05   -0.253727   -34.929814
 0.14085   -1.148959    -9.767588    -0.457902
-1.17E-05   -0.061640   -31.237404
 0.28170   -1.148959    -9.767588    -0.457902
-1.17E-05   -0.191186   -27.791253
 0.42256   -1.148959    -9.767588    -0.457902
-1.17E-05   -0.478930   -24.394347
 0.56341   -1.148959    -9.767588    -0.457902
-1.17E-05   -0.766689   -21.094483

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.916618    21.211723     1.145202
 0.001801    0.643033    16.436305
 0.14085    6.916618    21.211723     1.145202
 0.001801    0.162758    11.712650
 0.28170    6.916618    21.211723     1.145202
 0.001801    0.215271    12.542687
 0.42256    6.916618    21.211723     1.145202
 0.001801    0.535914    18.995823
 0.56341    6.916618    21.211723     1.145202
 0.001801    0.856534    26.324377

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -1.874103   -29.305914    -0.764464
-0.000246   -0.426767   -52.332508
 0.14085   -1.874103   -29.305914    -0.764464
-0.000246   -0.106130   -45.713625
 0.28170   -1.874103   -29.305914    -0.764464
-0.000246   -0.318320   -39.528729
 0.42256   -1.874103   -29.305914    -0.764464
-0.000246   -0.798035   -35.543510
 0.56341   -1.874103   -29.305914    -0.764464
-0.000246   -1.278195   -34.327646

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    9.269590    23.982110     1.332963
 0.001538    0.750915    57.295175
 0.14085    9.269590    23.982110     1.332963
 0.001538    0.191995    75.689462
 0.28170    9.269590    23.982110     1.332963
 0.001538    0.233925    98.559499
 0.42256    9.269590    23.982110     1.332963
 0.001538    0.583112   126.358486
 0.56341    9.269590    23.982110     1.332963
 0.001538    0.932223   155.082147

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -2.225594   -79.643629    -0.832474
-0.000321   -0.465687   -47.529067
 0.14085   -2.225594   -79.643629    -0.832474
-0.000321   -0.116519   -43.931188
 0.28170   -2.225594   -79.643629    -0.832474
-0.000321   -0.529576   -40.529148
 0.42256   -2.225594   -79.643629    -0.832474
-0.000321   -0.926492   -38.749586
 0.56341   -2.225594   -79.643629    -0.832474
-0.000321   -1.485316   -39.460493

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.253110    97.016795     1.313831
 0.004304    0.751945   114.527902
 0.14085    8.253110    97.016795     1.313831
 0.004304    0.201452   101.339098
 0.28170    8.253110    97.016795     1.313831
 0.004304    0.232707   102.933285
 0.42256    8.253110    97.016795     1.313831
 0.004304    0.575305   120.553514
 0.56341    8.253110    97.016795     1.313831
 0.004304    0.917867   146.446133
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2515

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.758191   -73.846295    -0.816772
-0.004000   -0.466238   -42.945969
 0.14085   -8.758191   -73.846295    -0.816772
-0.004000   -0.124296   -37.617104
 0.28170   -8.758191   -73.846295    -0.816772
-0.004000   -0.362906   -48.552191
 0.42256   -8.758191   -73.846295    -0.816772
-0.004000   -0.903962   -65.820762
 0.56341   -8.758191   -73.846295    -0.816772
-0.004000   -1.452566   -95.574945

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    3.189306    53.779806     0.623479
 4.27E-06    0.343674     3.124830
 0.14085    3.189306    53.779806     0.623479
 4.27E-06    0.081133     3.381007
 0.28170    3.189306    53.779806     0.623479
 4.27E-06    0.117443    10.125825
 0.42256    3.189306    53.779806     0.623479
 4.27E-06    0.292703    18.991491
 0.56341    3.189306    53.779806     0.623479
 4.27E-06    0.468736    27.920561

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -6.204307   -22.104889    -0.418272
-0.001326   -0.233079   -33.528722
 0.14085   -6.204307   -22.104889    -0.418272
-0.001326   -0.057198   -49.242521
 0.28170   -6.204307   -22.104889    -0.418272
-0.001326   -0.178554   -69.287144
 0.42256   -6.204307   -22.104889    -0.418272
-0.001326   -0.440509   -91.560091
 0.56341   -6.204307   -22.104889    -0.418272
-0.001326   -0.701995  -113.857814

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    3.701984   141.621029     0.965345
 0.006018    0.567627   119.389432
 0.14085    3.701984   141.621029     0.965345
 0.006018    0.162576    94.768156
 0.28170    3.701984   141.621029     0.965345
 0.006018    0.165449    77.068636
 0.42256    3.701984   141.621029     0.965345
 0.006018    0.398530    80.228939
 0.56341    3.701984   141.621029     0.965345
 0.006018    0.641273    96.052190

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -14.627871   -44.433627    -0.596692
-0.007924   -0.362875   -25.872723
 0.14085  -14.627871   -44.433627    -0.596692
-0.007924   -0.112097   -46.209295
 0.28170  -14.627871   -44.433627    -0.596692
-0.007924   -0.268056   -71.798349
 0.42256  -14.627871   -44.433627    -0.596692
-0.007924   -0.652428  -104.736465
 0.56341  -14.627871   -44.433627    -0.596692
-0.007924   -1.052072  -161.600949

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.813275   121.009676     1.434425
 0.004413    0.822181   118.009362
 0.14085    6.813275   121.009676     1.434425
 0.004413    0.219321   117.559823
 0.28170    6.813275   121.009676     1.434425
 0.004413    0.250288   123.605546
 0.42256    6.813275   121.009676     1.434425
 0.004413    0.615397   144.953126
 0.56341    6.813275   121.009676     1.434425
 0.004413    0.988167   175.483490
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2516

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -12.356068   -78.428807    -0.900860
-0.005898   -0.525797   -25.051191
 0.14085  -12.356068   -78.428807    -0.900860
-0.005898   -0.148751   -46.445933
 0.28170  -12.356068   -78.428807    -0.900860
-0.005898   -0.397128   -72.472906
 0.42256  -12.356068   -78.428807    -0.900860
-0.005898   -0.985176  -104.113457
 0.56341  -12.356068   -78.428807    -0.900860
-0.005898   -1.583174  -152.722200

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.652126   108.907531     1.779981
 0.004220    1.011491   102.117527
 0.14085    8.652126   108.907531     1.779981
 0.004220    0.263623    98.998521
 0.28170    8.652126   108.907531     1.779981
 0.004220    0.327387   104.740389
 0.42256    8.652126   108.907531     1.779981
 0.004220    0.809938   124.610861
 0.56341    8.652126   108.907531     1.779981
 0.004220    1.298879   152.210272

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.884934   -77.200557    -1.175801
-0.004900   -0.675896   -42.198691
 0.14085  -10.884934   -77.200557    -1.175801
-0.004900   -0.182092   -56.353371
 0.28170  -10.884934   -77.200557    -1.175801
-0.004900   -0.493951   -76.395347
 0.42256  -10.884934   -77.200557    -1.175801
-0.004900   -1.229602  -102.197391
 0.56341  -10.884934   -77.200557    -1.175801
-0.004900   -1.973314  -142.255332

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.742739    53.816229     0.438406
 0.004217    0.270033   117.040104
 0.14085    1.742739    53.816229     0.438406
 0.004217    0.086408   112.142037
 0.28170    1.742739    53.816229     0.438406
 0.004217    0.063653   107.511993
 0.42256    1.742739    53.816229     0.438406
 0.004217    0.151195   115.788504
 0.56341    1.742739    53.816229     0.438406
 0.004217    0.244543   132.884469

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -5.999083   -45.517433    -0.236743
-0.004477   -0.154359   -2.962423
 0.14085   -5.999083   -45.517433    -0.236743
-0.004477   -0.055309   -2.790444
 0.28170   -5.999083   -45.517433    -0.236743
-0.004477   -0.115557   -3.121319
 0.42256   -5.999083   -45.517433    -0.236743
-0.004477   -0.285017   -7.079092
 0.56341   -5.999083   -45.517433    -0.236743
-0.004477   -0.465273   -27.783712

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.140739    59.555359     1.132775
 0.004401    0.657299   121.999426
 0.14085    6.140739    59.555359     1.132775
 0.004401    0.181808   125.100781
 0.28170    6.140739    59.555359     1.132775
 0.004401    0.194869   131.447778
 0.42256    6.140739    59.555359     1.132775
 0.004401    0.482110   151.039112
 0.56341    6.140739    59.555359     1.132775
 0.004401    0.774795   179.267835
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2517

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -5.501821   -72.752314    -0.711674
-0.004272   -0.421254   -13.617059
 0.14085   -5.501821   -72.752314    -0.711674
-0.004272   -0.122709   -13.626690
 0.28170   -5.501821   -72.752314    -0.711674
-0.004272   -0.307718   -15.303952
 0.42256   -5.501821   -72.752314    -0.711674
-0.004272   -0.769969   -21.036727
 0.56341   -5.501821   -72.752314    -0.711674
-0.004272   -1.241746   -42.984508

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.918824   102.380894     1.431600
 0.002845    0.813733   116.434699
 0.14085    6.918824   102.380894     1.431600
 0.002845    0.212620   108.359510
 0.28170    6.918824   102.380894     1.431600
 0.002845    0.251024   122.020110
 0.42256    6.918824   102.380894     1.431600
 0.002845    0.620792   147.277004
 0.56341    6.918824   102.380894     1.431600
 0.002845    0.993573   178.503297

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.394901   -79.218688    -0.898703
```

```
-0.003823   -0.515694   -18.909716
0.14085   -10.394901   -79.218688    -0.898703
-0.003823   -0.138545   -20.259601
0.28170   -10.394901   -79.218688    -0.898703
-0.003823   -0.395461   -44.915956
0.42256   -10.394901   -79.218688    -0.898703
-0.003823   -0.988156   -74.549806
0.56341   -10.394901   -79.218688    -0.898703
-0.003823   -1.586440   -114.946532

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    7.939518   94.775130    1.818595
 0.003074   1.027059   103.760049
 0.14085    7.939518   94.775130    1.818595
 0.003074   0.263435   93.294949
 0.28170    7.939518   94.775130    1.818595
 0.003074   0.339459   102.453012
 0.42256    7.939518   94.775130    1.818595
 0.003074   0.841505   123.550657
 0.56341    7.939518   94.775130    1.818595
 0.003074   1.345827   149.601905

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -9.554910   -74.746163   -1.210907
-0.003200   -0.686915   -40.583488
 0.14085   -9.554910   -74.746163   -1.210907
-0.003200   -0.175874   -38.433220
 0.28170   -9.554910   -74.746163   -1.210907
-0.003200   -0.503856   -56.791747
 0.42256   -9.554910   -74.746163   -1.210907
-0.003200   -1.260322   -81.114228
 0.56341   -9.554910   -74.746163   -1.210907
-0.003200   -2.021728   -114.414990

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    2.862364   15.093351    0.974036
 0.000972   0.542898   13.169732
 0.14085    2.862364   15.093351    0.974036
 0.000972   0.134208   7.632533
 0.28170    2.862364   15.093351    0.974036
 0.000972   0.205526   3.400427
 0.42256    2.862364   15.093351    0.974036
 0.000972   0.509790   3.540341
 0.56341    2.862364   15.093351    0.974036
 0.000972   0.813859   4.577799
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2518

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -1.968040   -12.146802   -0.725100
-9.07E-06   -0.402638   -40.240053
 0.14085   -1.968040   -12.146802   -0.725100
-9.07E-06   -0.098650   -35.839457
 0.28170   -1.968040   -12.146802   -0.725100
-9.07E-06   -0.271174   -32.217524
 0.42256   -1.968040   -12.146802   -0.725100
-9.07E-06   -0.680335   -32.367089
 0.56341   -1.968040   -12.146802   -0.725100
-9.07E-06   -1.089140   -33.006182

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    7.117600   25.258553    1.637065
 0.001685   0.913937   19.341849
 0.14085    7.117600   25.258553    1.637065
 0.001685   0.227211   13.220199
 0.28170    7.117600   25.258553    1.637065
 0.001685   0.335358   13.334837
 0.42256    7.117600   25.258553    1.637065
 0.001685   0.836182   20.049394
 0.56341    7.117600   25.258553    1.637065
 0.001685   1.337086   28.047341

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -2.586049   -31.890006   -1.194693
-0.000171   -0.667146   -58.799208
 0.14085   -2.586049   -31.890006   -1.194693
-0.000171   -0.166117   -50.671435
 0.28170   -2.586049   -31.890006   -1.194693
-0.000171   -0.455268   -46.462802
 0.42256   -2.586049   -31.890006   -1.194693
-0.000171   -1.142302   -47.385623
 0.56341   -2.586049   -31.890006   -1.194693
-0.000171   -1.829577   -49.562378

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    8.563833   25.044788    1.907250
 0.001242   1.066341   64.134700
 0.14085    8.563833   25.044788    1.907250
 0.001242   0.265424   79.802955
 0.28170    8.563833   25.044788    1.907250
 0.001242   0.370994   99.992143
 0.42256    8.563833   25.044788    1.907250
 0.001242   0.926392   125.376960
 0.56341    8.563833   25.044788    1.907250
 0.001242   1.481478   152.116452

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -2.993216   -75.319029   -1.324108
-7.40E-06   -0.739820   -52.629864
 0.14085   -2.993216   -75.319029   -1.324108
-7.40E-06   -0.184514   -48.185766
 0.28170   -2.993216   -75.319029   -1.324108
-7.40E-06   -0.527144   -46.081780
 0.42256   -2.993216   -75.319029   -1.324108
-7.40E-06   -1.328691   -48.334681
 0.56341   -2.993216   -75.319029   -1.324108
-7.40E-06   -2.129339   -51.221140

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    7.721247   88.270540    1.891516
 0.003410   1.069289   117.103553
 0.14085    7.721247   88.270540    1.891516
 0.003410   0.275592   104.616565
 0.28170    7.721247   88.270540    1.891516
 0.003410   0.358900   107.177657
 0.42256    7.721247   88.270540    1.891516
 0.003410   0.888364   125.385111
 0.56341    7.721247   88.270540    1.891516
 0.003410   1.420209   150.213412
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2519

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -9.175588   -72.775323   -1.277392
-0.003113   -0.724170   -47.906101
 0.14085   -9.175588   -72.775323   -1.277392
-0.003113   -0.188412   -41.539926
 0.28170   -9.175588   -72.775323   -1.277392
-0.003113   -0.522662   -50.871948
 0.42256   -9.175588   -72.775323   -1.277392
-0.003113   -1.309108   -70.009756
 0.56341   -9.175588   -72.775323   -1.277392
-0.003113   -2.100948   -99.455013

COMB DB ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    9.269590   150.285072    1.332963
 0.006023   0.751945   121.012503
 0.14085    9.269590   150.285072    1.332963
 0.006023   0.201452   123.615668
 0.28170    9.269590   150.285072    1.332963
 0.006023   0.233925   129.931398
 0.42256    9.269590   150.285072    1.332963
 0.006023   0.583112   151.889401
 0.56341    9.269590   150.285072    1.332963
 0.006023   0.932223   183.411261

COMB DB ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -15.161702   -82.877097   -0.832474
-0.007848   -0.466238   -52.932508
 0.14085   -15.161702   -82.877097   -0.832474
-0.007848   -0.125177   -53.969541
 0.28170   -15.161702   -82.877097   -0.832474
-0.007848   -0.368376   -76.593141
 0.42256   -15.161702   -82.877097   -0.832474
-0.007848   -0.926492   -111.361774
 0.56341   -15.161702   -82.877097   -0.832474
-0.007848   -1.485316   -168.173969

COMB DL ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    8.652126   141.621029    1.907250
 0.006018   1.069289   121.999426
 0.14085    8.652126   141.621029    1.907250
 0.006018   0.275592   125.100781
 0.28170    8.652126   141.621029    1.907250
 0.006018   0.370994   131.447778
 0.42256    8.652126   141.621029    1.907250
 0.006018   0.926392   151.039112
 0.56341    8.652126   141.621029    1.907250
 0.006018   1.481478   179.267835

COMB DL ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -14.627871   -79.218688   -1.324108
-0.007924   -0.739820   -58.799208
 0.14085   -14.627871   -79.218688   -1.324108
-0.007924   -0.188412   -56.353371
 0.28170   -14.627871   -79.218688   -1.324108
-0.007924   -0.527144   -76.395347
 0.42256   -14.627871   -79.218688   -1.324108
-0.007924   -1.328691   -104.736465
 0.56341   -14.627871   -79.218688   -1.324108
-0.007924   -2.129339   -161.600949

COMB CAR ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    9.269590   150.285072    1.907250
 0.006023   1.069289   121.999426
 0.14085    9.269590   150.285072    1.907250
 0.006023   0.275592   125.100781
 0.28170    9.269590   150.285072    1.907250
 0.006023   0.370994   131.447778
 0.42256    9.269590   150.285072    1.907250
 0.006023   0.926392   151.889401
 0.56341    9.269590   150.285072    1.907250
 0.006023   1.481478   183.411261
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2520

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB CAR ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -15.161702   -82.877097   -1.324108
-0.007924   -0.739820   -58.799208
 0.14085   -15.161702   -82.877097   -1.324108
-0.007924   -0.188412   -56.353371
 0.28170   -15.161702   -82.877097   -1.324108
-0.007924   -0.527144   -76.593141
 0.42256   -15.161702   -82.877097   -1.324108
-0.007924   -1.328691   -111.361774
 0.56341   -15.161702   -82.877097   -1.324108
-0.007924   -2.129339   -168.173969

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.00000    9.269590   150.285072    1.907250
 0.006023   1.069289   121.999426
 0.14085    9.269590   150.285072    1.907250
 0.006023   0.275592   125.100781
 0.28170    9.269590   150.285072    1.907250
 0.006023   0.370994   131.447778
 0.42256    9.269590   150.285072    1.907250
 0.006023   0.926392   151.889401
 0.56341    9.269590   150.285072    1.907250
 0.006023   1.481478   183.411261

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.00000   -15.161702   -82.877097   -1.324108
-0.007924   -0.739820   -58.799208
 0.14085   -15.161702   -82.877097   -1.324108
-0.007924   -0.188412   -56.353371
 0.28170   -15.161702   -82.877097   -1.324108
-0.007924   -0.527144   -76.593141
 0.42256   -15.161702   -82.877097   -1.324108
-0.007924   -1.328691   -111.361774
 0.56341   -15.161702   -82.877097   -1.324108
-0.007924   -2.129339   -168.173969

ELEM      228 ================== LENGTH
=     2.977780

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    7.528525   36.682182    0.492898
 1.67E-05   0.539788   43.508519
 0.57743    7.528525   36.682182    0.492898
 1.67E-05   0.333050   28.191387
 0.71828    7.528525   36.682182    0.492898
 1.67E-05   0.126315   12.993506
 0.85914    7.528525   36.682182    0.492898
 1.67E-05   0.035479   2.796293
 1.00000    7.528525   36.682182    0.492898
 1.67E-05   0.144775   2.400431

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -1.515248   -30.740217   -0.260568
-0.001508   -0.292454   -58.526793
 0.57743   -1.515248   -30.740217   -0.260568
-0.001508   -0.183151   -45.728915
 0.71828   -1.515248   -30.740217   -0.260568
-0.001508   -0.073880   -33.014195
 0.85914   -1.515248   -30.740217   -0.260568
-0.001508   -0.080522   -20.877735
 1.00000   -1.515248   -30.740217   -0.260568
-0.001508   -0.287206   -19.631612

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    7.439533   63.092289    0.679112
 0.005743   0.739649   113.336332
 0.57743    7.439533   63.092289    0.679112
 0.005743   0.459516   88.524378
 0.71828    7.439533   63.092289    0.679112
 0.005743   0.180148   74.836696
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2521

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 0.85914    7.439533   63.092289    0.679112
 0.005743   0.105193   81.328574
 1.00000    7.439533   63.092289    0.679112
 0.005743   0.301264   101.466960

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -16.778380   -113.995421   -0.469969
-0.007632   -0.487751   -102.563951
 0.57743   -16.778380   -113.995421   -0.469969
-0.007632   -0.292735   -60.496862
 0.71828   -16.778380   -113.995421   -0.469969
-0.007632   -0.115354   -40.630980
 0.85914   -16.778380   -113.995421   -0.469969
-0.007632   -0.126309   -25.659597
 1.00000   -16.778380   -113.995421   -0.469969
-0.007632   -0.410418   -12.009093

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    8.898462   70.491355    0.987910
 0.004493   1.095607   117.436369
 0.57743    8.898462   70.491355    0.987910
 0.004493   0.684489   93.619149
 0.71828    8.898462   70.491355    0.987910
 0.004493   0.274147   77.508470
 0.85914    8.898462   70.491355    0.987910
 0.004493   0.124372   75.828507
 1.00000    8.898462   70.491355    0.987910
 0.004493   0.412423   88.872951

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -13.570631   -122.059856   -0.688174
-0.005537   -0.742324   -130.515647
 0.57743   -13.570631   -122.059856   -0.688174
-0.005537   -0.455125   -83.515732
 0.71828   -13.570631   -122.059856   -0.688174
-0.005537   -0.179815   -51.800135
 0.85914   -13.570631   -122.059856   -0.688174
-0.005537   -0.156224   -22.836756
 1.00000   -13.570631   -122.059856   -0.688174
-0.005537   -0.569660   -14.097037

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   14.291738   70.683733    1.270537
 0.004230   1.414469   120.343599
 0.57743   14.291738   70.683733    1.270537
 0.004230   0.884263   95.394544
 0.71828   14.291738   70.683733    1.270537
 0.004230   0.354092   76.279279
 0.85914   14.291738   70.683733    1.270537
 0.004230   0.152466   70.690403
 1.00000   14.291738   70.683733    1.270537
 0.004230   0.534676   77.092354

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -12.850174   -105.245701   -0.912531
-0.004600   -0.996531   -128.382271
 0.57743   -12.850174   -105.245701   -0.912531
-0.004600   -0.614965   -88.216599
 0.71828   -12.850174   -105.245701   -0.912531
-0.004600   -0.243341   -61.009835
 0.85914   -12.850174   -105.245701   -0.912531
-0.004600   -0.191580   -36.601875
 1.00000   -12.850174   -105.245701   -0.912531
-0.004600   -0.723716   -29.102029

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    0.434548   13.517099    0.273355
 0.005058   0.302029   39.955610
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2522

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
 0.57743    0.434548   13.517099    0.273355
 0.005058   0.191295   37.411454
 0.71828    0.434548   13.517099    0.273355
 0.005058   0.081427   44.573636
 0.85914    0.434548   13.517099    0.273355
 0.005058   0.069693   69.274927
 1.00000    0.434548   13.517099    0.273355
 0.005058   0.176971   102.555023

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -13.991332   -92.746157   -0.258100
-0.005004   -0.256297   -57.074653
 0.57743   -13.991332   -92.746157   -0.258100
-0.005004   -0.149776   -23.107720
 0.71828   -13.991332   -92.746157   -0.258100
-0.005004   -0.058020   -7.856947
 0.85914   -13.991332   -92.746157   -0.258100
-0.005004   -0.051801   -2.085483
 1.00000   -13.991332   -92.746157   -0.258100
-0.005004   -0.165599   -1.932443

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    8.142727   29.763343    0.765360
 0.005361   0.857670   57.804185
 0.57743    8.142727   29.763343    0.765360
 0.005361   0.540329   51.579726
 0.71828    8.142727   29.763343    0.765360
 0.005361   0.223841   54.341868
 0.85914    8.142727   29.763343    0.765360
 0.005361   0.114018   73.547940
 1.00000    8.142727   29.763343    0.765360
 0.005361   0.364866   100.485655

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -11.439758   -107.412365   -0.599869
-0.004658   -0.641776   -92.095163
 0.57743   -11.439758   -107.412365   -0.599869
-0.004658   -0.391816   -52.216845
 0.71828   -11.439758   -107.412365   -0.599869
-0.004658   -0.155534   -29.944769
 0.85914   -11.439758   -107.412365   -0.599869
-0.004658   -0.115300   -11.316929
 1.00000   -11.439758   -107.412365   -0.599869
-0.004658   -0.435249   -14.439213

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   10.316119   77.780640    0.956245
 0.003990   1.067998   150.351198
 0.57743   10.316119   77.780640    0.956245
 0.003990   0.669538   123.333337
 0.71828   10.316119   77.780640    0.956245
 0.003990   0.271911   102.752982
 0.85914   10.316119   77.780640    0.956245
 0.003990   0.133235   94.234324
 1.00000   10.316119   77.780640    0.956245
 0.003990   0.445255   92.848300

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -17.431167   -105.759425   -0.745268
-0.004168   -0.805232   -115.027034
 0.57743   -17.431167   -105.759425   -0.745268
-0.004168   -0.493808   -74.591155
 0.71828   -17.431167   -105.759425   -0.745268
-0.004168   -0.192054   -46.863680
 0.85914   -17.431167   -105.759425   -0.745268
-0.004168   -0.142631   -22.809171
 1.00000   -17.431167   -105.759425   -0.745268
-0.004168   -0.542759   -18.695883
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2523

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   11.237758   75.735242    1.258353
 0.003815   1.407553   148.672193
 0.57743   11.237758   75.735242    1.258353
 0.003815   0.881937   121.637429
 0.71828   11.237758   75.735242    1.258353
 0.003815   0.357035   100.003131
 0.85914   11.237758   75.735242    1.258353
 0.003815   0.166106   88.365359
 1.00000   11.237758   75.735242    1.258353
 0.003815   0.581662   82.574503

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -16.566365   -89.978359   -0.991765
-0.003488   -1.082399   -113.372158
 0.57743   -16.566365   -89.978359   -0.991765
-0.003488   -0.667396   -78.990882
 0.71828   -16.566365   -89.978359   -0.991765
-0.003488   -0.260505   -55.269920
 0.85914   -16.566365   -89.978359   -0.991765
-0.003488   -0.182084   -34.377291
 1.00000   -16.566365   -89.978359   -0.991765
-0.003488   -0.709019   -30.504336

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    1.282905   16.106840    0.707496
 0.000731   0.794073   37.037612
 0.57743    1.282905   16.106840    0.707496
 0.000731   0.497324   30.302383
 0.71828    1.282905   16.106840    0.707496
 0.000731   0.200576   23.567157
 0.85914    1.282905   16.106840    0.707496
 0.000731   0.088909   16.999057
 1.00000    1.282905   16.106840    0.707496
 0.000731   0.335839   10.654052

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -3.835311   -2.879116   -0.588708
-6.70E-06   -0.651882   -26.065733
 0.57743   -3.835311   -2.879116   -0.588708
-6.70E-06   -0.404955   -24.919850
 0.71828   -3.835311   -2.879116   -0.588708
-6.70E-06   -0.158055   -23.827383
 0.85914   -3.835311   -2.879116   -0.588708
-6.70E-06   -0.096233   -22.762666
 1.00000   -3.835311   -2.879116   -0.588708
-6.70E-06   -0.392966   -21.733344

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   12.231791   31.156795    1.195627
 0.001500   1.341981   61.741202
 0.57743   12.231791   31.156795    1.195627
 0.001500   0.840631   48.888148
 0.71828   12.231791   31.156795    1.195627
 0.001500   0.339322   36.542563
 0.85914   12.231791   31.156795    1.195627
 0.001500   0.139954   25.862365
 1.00000   12.231791   31.156795    1.195627
 0.001500   0.535696   16.257657

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -5.432003   -13.320496   -0.943839
-0.000193   -1.047985   -53.664112
 0.57743   -5.432003   -13.320496   -0.943839
-0.000193   -0.652166   -48.976619
 0.71828   -5.432003   -13.320496   -0.943839
-0.000193   -0.257017   -45.507193
 0.85914   -5.432003   -13.320496   -0.943839
-0.000193   -0.133377   -42.755901
 1.00000   -5.432003   -13.320496   -0.943839
-0.000193   -0.664495   -40.683245
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                       2524

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
 0.43657    8.565539   38.227898    1.359873
 0.001922   1.531634   72.955415
 0.57743    8.565539   38.227898    1.359873
 0.001922   0.961549   62.016809
 0.71828    8.565539   38.227898    1.359873
 0.001922   0.391767   52.110956
 0.85914    8.565539   38.227898    1.359873
 0.001922   0.160431   44.678620
 1.00000    8.565539   38.227898    1.359873
 0.001922   0.610019   44.613670

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
 0.43657   -7.997556   -57.045731   -1.071993
-0.000306   -1.188523   -93.430149
 0.57743   -7.997556   -57.045731   -1.071993
-0.000306   -0.739009   -70.629375
 0.71828   -7.997556   -57.045731   -1.071993
-0.000306   -0.290346   -49.641341
 0.85914   -7.997556   -57.045731   -1.071993
-0.000306   -0.181289   -32.259515
 1.00000   -7.997556   -57.045731   -1.071993
-0.000306   -0.751120   -34.582965

COMB DB-G3-4 ---------- MAX
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REL DIST          P          V2          V3
         T         M2         M3
0.43657    8.745336   69.891604    1.296661
 0.004423    1.452886  146.684203
0.57743    8.745336   69.891604    1.296661
 0.004423    0.911608  122.063181
0.71828    8.745336   69.891604    1.296661
 0.004423    0.370955  103.760388
0.85914    8.745336   69.891604    1.296661
 0.004423    0.182570   97.075470
1.00000    8.745336   69.891604    1.296661
 0.004423    0.630885   96.290927

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -18.505202  -89.080062   -1.070585
-0.003665   -1.165473 -107.058909
0.57743   -18.505202  -89.080062   -1.070585
-0.003665   -0.717573  -73.458745
0.71828   -18.505202  -89.080062   -1.070585
-0.003665   -0.279249  -52.286673
0.85914   -18.505202  -89.080062   -1.070585
-0.003665   -0.186010  -33.967444
1.00000   -18.505202  -89.080062   -1.070585
-0.003665   -0.728933  -32.242054

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    14.980424   33.093135    0.657391
 1.24E-05    0.721258   40.904421
0.57743    14.980424   33.093135    0.657391
 1.24E-05    0.445094   27.268938
0.71828    14.980424   33.093135    0.657391
 1.24E-05    0.169166   13.954611
0.85914    14.980424   33.093135    0.657391
 1.24E-05    0.040538    4.173763
1.00000    14.980424   33.093135    0.657391
 1.24E-05    0.165181    2.876568

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -2.620546  -42.826724   -0.296462
-0.001603   -0.332261  -88.414908
0.57743   -2.620546  -42.826724   -0.296462
-0.001603   -0.208085  -70.694937
0.71828   -2.620546  -42.826724   -0.296462
-0.001603   -0.083600  -53.228928
0.85914   -2.620546  -42.826724   -0.296462
-0.001603   -0.104748  -37.794459
1.00000   -2.620546  -42.826724   -0.296462
-0.001603   -0.380418  -31.083396
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2525

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    14.452652   57.156288    0.935856
 0.006018    1.019609  107.676567
0.57743    14.452652   57.156288    0.935856
 0.006018    0.631861   85.901061
0.71828    14.452652   57.156288    0.935856
 0.006018    0.250308   76.484090
0.85914    14.452652   57.156288    0.935856
 0.006018    0.118935   85.949252
1.00000    14.452652   57.156288    0.935856
 0.006018    0.354665  106.195898

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -18.936920 -124.218405   -0.563593
-0.007659   -0.591139 -136.855496
0.57743   -18.936920 -124.218405   -0.563593
-0.007659   -0.362797  -86.649440
0.71828   -18.936920 -124.218405   -0.563593
-0.007659   -0.142570  -60.078478
0.85914   -18.936920 -124.218405   -0.563593
-0.007659   -0.543436  -39.589841
1.00000   -18.936920 -124.218405   -0.563593
-0.007659   -0.555825  -25.325052

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    15.250805   68.239644    1.459642
 0.004798    1.617386  125.367835
0.57743    15.250805   68.239644    1.459642
 0.004798    1.008169  100.304124
0.71828    15.250805   68.239644    1.459642
 0.004798    0.398951   84.355574
0.85914    15.250805   68.239644    1.459642
 0.004798    0.161675   82.671323
1.00000    15.250805   68.239644    1.459642
 0.004798    0.560522   97.266176

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -16.528509 -126.068300   -0.951502
-0.005763   -1.035593 -151.746591
0.57743   -16.528509 -126.068300   -0.951502
-0.005763   -0.642143 -100.530520
0.71828   -16.528509 -126.068300   -0.951502
-0.005763   -0.254318  -66.331915
0.85914   -16.528509 -126.068300   -0.951502
-0.005763   -0.221480  -36.403886
1.00000   -16.528509 -126.068300   -0.951502
-0.005763   -0.833783  -25.191106

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    19.942630   73.187142    1.865247
 0.004492    2.072809  133.455414
0.57743    19.942630   73.187142    1.865247
 0.004492    1.292797  105.933594
0.71828    19.942630   73.187142    1.865247
 0.004492    0.516237   86.060826
0.85914    19.942630   73.187142    1.865247
 0.004492    0.204277   78.273279
1.00000    19.942630   73.187142    1.865247
 0.004492    0.742171   84.659972

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -15.866211 -109.165892   -1.283019
-0.004789   -1.410259 -147.076693
0.57743   -15.866211 -109.165892   -1.283019
-0.004789   -0.876786 -102.921216
0.71828   -15.866211 -109.165892   -1.283019
-0.004789   -0.348105  -73.051720
0.85914   -15.866211 -109.165892   -1.283019
-0.004789   -0.277454  -47.404142
1.00000   -15.866211 -109.165892   -1.283019
-0.004789   -1.057862  -38.140750
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2526

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    0.380183   14.703283    0.404688
 0.004444    0.448764   46.534980
0.57743    0.380183   14.703283    0.404688
 0.004444    0.282612   43.130507
0.71828    0.380183   14.703283    0.404688
 0.004444    0.120580   48.955641
0.85914    0.380183   14.703283    0.404688
 0.004444    0.081361   70.810120
1.00000    0.380183   14.703283    0.404688
 0.004444    0.233991   98.118767

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -16.535666  -80.190088   -0.366049
-0.004148   -0.380209  -54.131289
0.57743   -16.535666  -80.190088   -0.366049
-0.004148   -0.232340  -22.260497
0.71828   -16.535666  -80.190088   -0.366049
-0.004148   -0.090087   -7.396883
0.85914   -16.535666  -80.190088   -0.366049
-0.004148   -0.065045   -2.188197
1.00000   -16.535666  -80.190088   -0.366049
-0.004148   -0.234605   -2.078900

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    7.848510   36.248825    1.179736
 0.004861    1.318266   79.039841
0.57743    7.848510   36.248825    1.179736
 0.004861    0.826731   67.730725
0.71828    7.848510   36.248825    1.179736
 0.004861    0.338707   65.164484
0.85914    7.848510   36.248825    1.179736
 0.004861    0.153131   76.669576
1.00000    7.848510   36.248825    1.179736
 0.004861    0.531705   98.945388

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -13.806567  -91.686825   -0.904532
-0.003959   -0.985837  -83.077519
0.57743   -13.806567  -91.686825   -0.904532
-0.003959   -0.611867  -46.396200
0.71828   -13.806567  -91.686825   -0.904532
-0.003959   -0.243033  -25.975619
0.85914   -13.806567  -91.686825   -0.904532
-0.003959   -0.168812  -10.755046
1.00000   -13.806567  -91.686825   -0.904532
-0.003959   -0.664347  -13.799654

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    11.903761   78.997405    1.449345
 0.003390    1.618911  162.220799
0.57743    11.903761   78.997405    1.449345
 0.003390    1.013041  132.396103
0.71828    11.903761   78.997405    1.449345
 0.003390    0.409034  108.522436
0.85914    11.903761   78.997405    1.449345
 0.003390    0.168688   94.673424
1.00000    11.903761   78.997405    1.449345
 0.003390    0.604868   91.232505

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -19.394738  -97.741240   -1.040558
-0.003484   -1.140863 -118.206935
0.57743   -19.394738  -97.741240   -1.040558
-0.003484   -0.707901  -78.659394
0.71828   -19.394738  -97.741240   -1.040558
-0.003484   -0.278405  -49.938640
0.85914   -19.394738  -97.741240   -1.040558
-0.003484   -0.204786  -25.900935
1.00000   -19.394738  -97.741240   -1.040558
-0.003484   -0.813703  -19.126502
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2527

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    12.901994   81.010091    1.885966
 0.003334    2.107611  165.945868
0.57743    12.901994   81.010091    1.885966
 0.003334    1.318179  134.879923
0.71828    12.901994   81.010091    1.885966
 0.003334    0.530071  108.847660
0.85914    12.901994   81.010091    1.885966
 0.003334    0.221278   91.246272
1.00000    12.901994   81.010091    1.885966
 0.003334    0.817216   82.600201

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -19.364755  -84.624437   -1.420866
-0.002917   -1.566649 -118.599052
0.57743   -19.364755  -84.624437   -1.420866
-0.002917   -0.973569  -84.455795
0.71828   -19.364755  -84.624437   -1.420866
-0.002917   -0.383503  -59.424888
0.85914   -19.364755  -84.624437   -1.420866
-0.002917   -0.083866  -38.177293
1.00000   -19.364755  -84.624437   -1.420866
-0.002917   -1.056440  -31.824708

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    2.230060   22.169816    1.039037
 0.000765    1.163474   48.446224
0.57743    2.230060   22.169816    1.039037
 0.000765    0.727370   39.434847
0.71828    2.230060   22.169816    1.039037
 0.000765    0.290986   30.578090
0.85914    2.230060   22.169816    1.039037
 0.000765    0.132123   22.055249
1.00000    2.230060   22.169816    1.039037
 0.000765    0.505764   13.863625

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -7.486639   -5.874580   -0.889961
-3.91E-06   -0.987548  -31.154070
0.57743   -7.486639   -5.874580   -0.889961
-3.91E-06   -0.614233  -29.002296
0.71828   -7.486639   -5.874580   -0.889961
-3.91E-06   -0.241149  -27.041637
0.85914   -7.486639   -5.874580   -0.889961
-3.91E-06   -0.141682  -25.419439
1.00000   -7.486639   -5.874580   -0.889961
-3.91E-06   -0.578622  -24.062917

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    13.567312   42.770716    1.782240
 0.001508    1.993784   82.399938
0.57743    13.567312   42.770716    1.782240
 0.001508    1.245842   65.058581
0.71828    13.567312   42.770716    1.782240
 0.001508    0.497742   48.261905
0.85914    13.567312   42.770716    1.782240
 0.001508    0.206165   32.798643
1.00000    13.567312   42.770716    1.782240
 0.001508    0.801483   19.096323

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -9.030236  -15.831263   -1.418809
-0.000123   -1.579172  -58.276364
0.57743   -9.030236  -15.831263   -1.418809
-0.000123   -0.984184  -52.399454
0.71828   -9.030236  -15.831263   -1.418809
-0.000123   -0.389335  -47.506252
0.85914   -9.030236  -15.831263   -1.418809
-0.000123   -0.245738  -44.367578
1.00000   -9.030236  -15.831263   -1.418809
-0.000123   -0.094932  -43.111473
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2528

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    9.427047   49.717611    2.046807
 0.001606    2.299014  101.794949
0.57743    9.427047   49.717611    2.046807
 0.001606    1.439885   83.785392
0.71828    9.427047   49.717611    2.046807
 0.001606    0.580071   66.679310
0.85914    9.427047   49.717611    2.046807
 0.001606    0.236900   52.769251
1.00000    9.427047   49.717611    2.046807
 0.001606    0.922140   48.817464

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -13.070326  -49.438184   -1.632753
-5.42E-06   -1.817158  -87.656307
0.57743   -13.070326  -49.438184   -1.632753
-5.42E-06   -1.132196  -67.973106
0.71828   -13.070326  -49.438184   -1.632753
-5.42E-06   -0.447122  -49.124606
0.85914   -13.070326  -49.438184   -1.632753
-5.42E-06   -0.271759  -34.953622
1.00000   -13.070326  -49.438184   -1.632753
-5.42E-06   -1.132586  -36.876744

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    9.849046   77.863079    1.955708
 0.003679    2.189073  169.140150
0.57743    9.849046   77.863079    1.955708
 0.003679    1.370476  139.600638
0.71828    9.849046   77.863079    1.955708
 0.003679    0.553499  115.626698
0.85914    9.849046   77.863079    1.955708
 0.003679    0.245432  101.284343
1.00000    9.849046   77.863079    1.955708
 0.003679    0.900440   95.461265

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -23.111566  -79.823200   -1.561623
-0.002774   -2.307716 -126.068300
0.57743   -23.111566  -79.823200   -1.561623
-0.002774   -1.067802  -76.137032
0.71828   -23.111566  -79.823200   -1.561623
-0.002774   -0.419041  -54.298914
0.85914   -23.111566  -79.823200   -1.561623
-0.002774   -0.270529  -37.569435
1.00000   -23.111566  -79.823200   -1.561623
-0.002774   -1.092504  -34.576042

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    14.291738   77.780640    1.359873
 0.005743    1.531634  150.351198
0.57743    14.291738   77.780640    1.359873
 0.005743    0.961549  123.333337
0.71828    14.291738   77.780640    1.359873
 0.005743    0.391767  103.760388
0.85914    14.291738   77.780640    1.359873
 0.005743    0.182270   97.075470
1.00000    14.291738   77.780640    1.359873
 0.005743    0.630885  102.555023

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -18.505202 -122.059856   -1.071993
-0.007632   -1.188523 -130.515647
0.57743   -18.505202 -122.059856   -1.071993
-0.007632   -0.739009  -88.216599
0.71828   -18.505202 -122.059856   -1.071993
-0.007632   -0.290346  -61.089135
0.85914   -18.505202 -122.059856   -1.071993
-0.007632   -0.191580  -42.755801
1.00000   -18.505202 -122.059856   -1.071993
-0.007632   -0.751120  -40.683245
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2529

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    19.942630   81.010091    2.046807
 0.006018    2.299014  169.140150
0.57743    19.942630   81.010091    2.046807
 0.006018    1.439885  139.600638
0.71828    19.942630   81.010091    2.046807
 0.006018    0.580071  115.626698
0.85914    19.942630   81.010091    2.046807
 0.006018    0.245432  101.284343
1.00000    19.942630   81.010091    2.046807
 0.006018    0.922140  106.195898

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -23.111566 -126.068300   -1.632753
-0.007659   -1.817158 -151.746591
0.57743   -23.111566 -126.068300   -1.632753
-0.007659   -1.132196 -102.921216
0.71828   -23.111566 -126.068300   -1.632753
-0.007659   -0.447122  -73.051720
0.85914   -23.111566 -126.068300   -1.632753
-0.007659   -0.274754  -47.404142
1.00000   -23.111566 -126.068300   -1.632753
-0.007659   -1.132586  -43.111473

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    19.942630   81.010091    2.046807
 0.006018    2.299014  169.140150
0.57743    19.942630   81.010091    2.046807
 0.006018    1.439885  139.600638
0.71828    19.942630   81.010091    2.046807
 0.006018    0.580071  115.626698
0.85914    19.942630   81.010091    2.046807
 0.006018    0.245432  101.284343
1.00000    19.942630   81.010091    2.046807
 0.006018    0.922140  106.195898

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -23.111566 -126.068300   -1.632753
-0.007659   -1.817158 -151.746591
0.57743   -23.111566 -126.068300   -1.632753
-0.007659   -1.132196 -102.921216
0.71828   -23.111566 -126.068300   -1.632753
-0.007659   -0.447122  -73.051720
0.85914   -23.111566 -126.068300   -1.632753
-0.007659   -0.274754  -47.404142
1.00000   -23.111566 -126.068300   -1.632753
-0.007659   -1.132586  -43.111473

COMB   DESIGN ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43657    19.942630   81.010091    2.046807
 0.006018    2.299014  169.140150
0.57743    19.942630   81.010091    2.046807
 0.006018    1.439885  139.600638
0.71828    19.942630   81.010091    2.046807
 0.006018    0.580071  115.626698
0.85914    19.942630   81.010091    2.046807
 0.006018    0.245432  101.284343
1.00000    19.942630   81.010091    2.046807
 0.006018    0.922140  106.195898

COMB   DESIGN ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43657   -23.111566 -126.068300   -1.632753
-0.007659   -1.817158 -151.746591
0.57743   -23.111566 -126.068300   -1.632753
-0.007659   -1.132196 -102.921216
0.71828   -23.111566 -126.068300   -1.632753
-0.007659   -0.447122  -73.051720
0.85914   -23.111566 -126.068300   -1.632753
-0.007659   -0.274754  -47.404142
1.00000   -23.111566 -126.068300   -1.632753
-0.007659   -1.132586  -43.111473
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2530

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM     229 ================== LENGTH
=    2.976842

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.520452   36.293047    0.369455
 7.08E-06    0.194564    2.396277
0.14082    7.520452   36.293047    0.369455
 7.08E-06    0.039682    6.862524
0.28165    7.520452   36.293047    0.369455
 7.08E-06    0.085442   19.246099
0.42247    7.520452   36.293047    0.369455
 7.08E-06    0.221014   32.010219
0.56330    7.520452   36.293047    0.369455
 7.08E-06    0.356788   44.795062

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.486382  -30.653642   -0.323920
-0.001377   -0.186516  -19.634634
0.14082   -1.486382  -30.653642   -0.323920
-0.001377   -0.051674  -34.083786
0.28165   -1.486382  -30.653642   -0.323920
-0.001377   -0.115217  -49.114058
0.42247   -1.486382  -30.653642   -0.323920
-0.001377   -0.270079  -64.284179
0.56330   -1.486382  -30.653642   -0.323920
-0.001377   -0.424955  -79.478354

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.009222  127.598459    0.628732
 0.005817    0.372583  101.821296
0.14082    7.009222  127.598459    0.628732
 0.005817    0.111359   82.612582
0.28165    7.009222  127.598459    0.628732
 0.005817    0.113100   71.176450
0.42247    7.009222  127.598459    0.628732
 0.005817    0.283875   82.223242
0.56330    7.009222  127.598459    0.628732
 0.005817    0.455059  103.201641

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -18.662343  -52.794780   -0.408503
-0.007410   -0.245475  -12.015244
0.14082   -18.662343  -52.794780   -0.408503
-0.007410   -0.083552  -32.918057
0.28165   -18.662343  -52.794780   -0.408503
-0.007410   -0.179901  -55.388911
0.42247   -18.662343  -52.794780   -0.408503
-0.007410   -0.422040  -85.776422
0.56330   -18.662343  -52.794780   -0.408503
-0.007410   -0.683699 -136.432093

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.678998  114.280622    0.993253
 0.004103    0.570486   89.105514
0.14082    8.678998  114.280622    0.993253
 0.004103    0.155748   90.963062
0.28165    8.678998  114.280622    0.993253
 0.004103    0.177020  101.107691
0.42247    8.678998  114.280622    0.993253
 0.004103    0.443214  127.331516
0.56330    8.678998  114.280622    0.993253
 0.004103    0.709662  160.347147

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -14.866048  -80.867234   -0.635579
-0.005369   -0.366736  -14.069525
0.14082   -14.866048  -80.867234   -0.635579
-0.005369   -0.106157  -38.860043
0.28165   -14.866048  -80.867234   -0.635579
-0.005369   -0.279600  -65.659446
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2531

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.42247   -14.866048  -80.867234   -0.635579
-0.005369   -0.681409  -97.828771
0.56330   -14.866048  -80.867234   -0.635579
-0.005369   -1.096475 -143.812792

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    14.118957  107.053493    1.281688
 0.004048    0.727759   77.292138
0.14082    14.118957  107.053493    1.281688
 0.004048    0.191801   76.039272
0.28165    14.118957  107.053493    1.281688
 0.004048    0.242215   84.807328
0.42247    14.118957  107.053493    1.281688
 0.004048    0.605033  107.299225
0.56330    14.118957  107.053493    1.281688
 0.004048    0.968061  135.783356

COMB DB-G1-4 ------------------- MIN
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REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.931117	-71.171927	-0.865993
-0.004461	-0.492983	-29.082400	
0.14082	-13.931117	-71.171927	-0.865993
-0.004461	-0.134947	-49.534093	
0.28165	-13.931117	-71.171927	-0.865993
-0.004461	-0.361298	-71.749824	
0.42247	-13.931117	-71.171927	-0.865993
-0.004461	-0.886474	-98.780737	
0.56330	-13.931117	-71.171927	-0.865993
-0.004461	-1.422654	-138.157863	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086843	68.073647	0.368649
0.004863	0.238702	102.848855	
0.14082	0.086843	68.073647	0.368649
0.004863	0.084104	92.258760	
0.28165	0.086843	68.073647	0.368649
0.004863	0.044031	82.268759	
0.42247	0.086843	68.073647	0.368649
0.004863	0.104894	90.795701	
0.56330	0.086843	68.073647	0.368649
0.004863	0.165834	107.442118	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.606001	-41.892128	-0.145367
-0.004801	-0.090541	-1.921319	
0.14082	-15.606001	-41.892128	-0.145367
-0.004801	-0.035710	-3.910114	
0.28165	-15.606001	-41.892128	-0.145367
-0.004801	-0.093450	-6.586208	
0.42247	-15.606001	-41.892128	-0.145367
-0.004801	-0.230035	-15.849334	
0.56330	-15.606001	-41.892128	-0.145367
-0.004801	-0.382968	-42.052453	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.899878	80.555214	0.890369
0.004990	0.526581	100.760715	
0.14082	7.899878	80.555214	0.890369
0.004990	0.155062	96.024908	
0.28165	7.899878	80.555214	0.890369
0.004990	0.145319	93.806822	
0.42247	7.899878	80.555214	0.890369
0.004990	0.361703	109.886549	
0.56330	7.899878	80.555214	0.890369
0.004990	0.577907	133.913458	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.966581	-60.413833	-0.515684
-0.004468	-0.298691	-14.428301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2532
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	-12.966581	-60.413833	-0.515684
-0.004468	-0.088218	-20.929061	
0.28165	-12.966581	-60.413833	-0.515684
-0.004468	-0.239638	-28.153008	
0.42247	-12.966581	-60.413833	-0.515684
-0.004468	-0.596255	-41.945439	
0.56330	-12.966581	-60.413833	-0.515684
-0.004468	-0.968004	-72.418917	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.157926	113.147031	1.038791
0.003622	0.599124	93.028400	
0.14082	10.157926	113.147031	1.038791
0.003622	0.165302	84.952043	
0.28165	10.157926	113.147031	1.038791
0.003622	0.178776	94.103464	
0.42247	10.157926	113.147031	1.038791
0.003622	0.439103	117.350841	
0.56330	10.157926	113.147031	1.038791
0.003622	0.699295	146.500129	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.487502	-72.592312	-0.621593
-0.004252	-0.351664	-18.674342	
0.14082	-18.487502	-72.592312	-0.621593
-0.004252	-0.096264	-26.034744	
0.28165	-18.487502	-72.592312	-0.621593
-0.004252	-0.286163	-54.188777	
0.42247	-18.487502	-72.592312	-0.621593
-0.004252	-0.709799	-87.077633	
0.56330	-18.487502	-72.592312	-0.621593
-0.004252	-1.144126	-131.950063	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.108775	105.425525	1.342153
0.003682	0.764694	82.731601	
0.14082	11.108775	105.425525	1.342153
0.003682	0.203364	71.358294	
0.28165	11.108775	105.425525	1.342153
0.003682	0.248412	79.024602	
0.42247	11.108775	105.425525	1.342153
0.003682	0.617032	98.706359	
0.56330	11.108775	105.425525	1.342153
0.003682	0.971529	123.388590	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.458357	-62.212931	-0.863112
-0.003557	-0.482986	-30.489035	
0.14082	-17.458357	-62.212931	-0.863112
-0.003557	-0.125486	-36.243334	
0.28165	-17.458357	-62.212931	-0.863112
-0.003557	-0.372649	-59.290066	
0.42247	-17.458357	-62.212931	-0.863112
-0.003557	-0.925386	-86.232417	
0.56330	-17.458357	-62.212931	-0.863112
-0.003557	-1.487082	-123.131031	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.288677	16.285873	0.741776
0.001045	0.413725	10.662536	
0.14082	1.288677	16.285873	0.741776
0.001045	0.102777	5.699342	
0.28165	1.288677	16.285873	0.741776
0.001045	0.152206	3.199644	
0.42247	1.288677	16.285873	0.741776
0.001045	0.375938	2.107834	
0.56330	1.288677	16.285873	0.741776
0.001045	0.597674	3.035702	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2533
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.847874	-2.835299	-0.528939
-9.58E-06	-0.289296	-21.737414	
0.14082	-3.847874	-2.835299	-0.528939
-9.58E-06	-0.067545	-20.754067	
0.28165	-3.847874	-2.835299	-0.528939
-9.58E-06	-0.208223	-19.854398	
0.42247	-3.847874	-2.835299	-0.528939
-9.58E-06	-0.519161	-19.064731	
0.56330	-3.847874	-2.835299	-0.528939
-9.58E-06	-0.830118	-18.364294	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.241075	33.376989	1.242311
0.001928	0.693308	16.283150	
0.14082	12.241075	33.376989	1.242311
0.001928	0.172586	8.624406	
0.28165	12.241075	33.376989	1.242311
0.001928	0.256000	6.097091	
0.42247	12.241075	33.376989	1.242311
0.001928	0.632216	8.573669	
0.56330	12.241075	33.376989	1.242311
0.001928	1.008430	12.324784	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.511682	-11.650256	-0.897453
-0.000213	-0.497192	-40.691406	
0.14082	-5.511682	-11.650256	-0.897453
-0.000213	-0.121480	-39.630234	
0.28165	-5.511682	-11.650256	-0.897453
-0.000213	-0.349119	-40.312587	
0.42247	-5.511682	-11.650256	-0.897453
-0.000213	-0.869224	-42.221460	
0.56330	-5.511682	-11.650256	-0.897453
-0.000213	-1.389952	-45.869639	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.627034	41.726046	1.476387
0.001769	0.830124	44.634159	
0.14082	8.627034	41.726046	1.476387
0.001769	0.211354	55.069046	
0.28165	8.627034	41.726046	1.476387
0.001769	0.282022	70.320923	
0.42247	8.627034	41.726046	1.476387
0.001769	0.693939	91.319519	
0.56330	8.627034	41.726046	1.476387
0.001769	1.105722	113.417418	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.133127	-54.626729	-0.982235
-0.000294	-0.542201	-34.580741	
0.14082	-8.133127	-54.626729	-0.982235
-0.000294	-0.130779	-40.106302	
0.28165	-8.133127	-54.626729	-0.982235
-0.000294	-0.409123	-45.824919	
0.42247	-8.133127	-54.626729	-0.982235
-0.000294	-1.026956	-52.324940	
0.56330	-8.133127	-54.626729	-0.982235
-0.000294	-1.645749	-60.628313	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.582960	105.203531	1.423869
0.004394	0.815792	96.482533	
0.14082	8.582960	105.203531	1.423869
0.004394	0.220739	79.421910	
0.28165	8.582960	105.203531	1.423869
0.004394	0.261788	77.378727	
0.42247	8.582960	105.203531	1.423869
0.004394	0.639032	93.582342	
0.56330	8.582960	105.203531	1.423869
0.004394	1.016212	115.729258	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2534
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.584179	-56.176378	-0.899845
-0.003731	-0.501625	-32.230650	
0.14082	-19.584179	-56.176378	-0.899845
-0.003731	-0.129135	-33.708694	
0.28165	-19.584179	-56.176378	-0.899845
-0.003731	-0.517621	-51.256564	
0.42247	-19.584179	-56.176378	-0.899845
-0.003731	-0.977074	-74.558521	
0.56330	-19.584179	-56.176378	-0.899845
-0.003731	-1.572920	-109.607869	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.963946	32.750556	0.492619
4.20E-06	0.260237	2.869372	
0.14082	14.963946	32.750556	0.492619
4.20E-06	0.053180	6.350355	
0.28165	14.963946	32.750556	0.492619
4.20E-06	0.096646	21.863312	
0.42247	14.963946	32.750556	0.492619
4.20E-06	0.248431	39.092328	
0.56330	14.963946	32.750556	0.492619
4.20E-06	0.400702	56.719107	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.592745	-42.728086	-0.363513
-0.001502	-0.208888	-31.077054	
0.14082	-2.592745	-42.728086	-0.363513
-0.001502	-0.057256	-33.053554	
0.28165	-2.592745	-42.728086	-0.363513
-0.001502	-0.151447	-44.556717	
0.42247	-2.592745	-42.728086	-0.363513
-0.001502	-0.358587	-57.672165	
0.56330	-2.592745	-42.728086	-0.363513
-0.001502	-0.565099	-71.152546	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.978412	119.631984	0.887022
0.005801	0.522020	106.249416	
0.14082	13.978412	119.631984	0.887022
0.005801	0.149262	84.300132	
0.28165	13.978412	119.631984	0.887022
0.005801	0.139573	76.029889	
0.42247	13.978412	119.631984	0.887022
0.005801	0.345404	90.155475	
0.56330	13.978412	119.631984	0.887022
0.005801	0.554570	115.281781	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.872008	-64.247117	-0.507454
-0.007958	-0.315146	-25.309370	
0.14082	-21.872008	-64.247117	-0.507454
-0.007958	-0.103948	-31.277784	
0.28165	-21.872008	-64.247117	-0.507454
-0.007958	-0.247260	-48.735925	
0.42247	-21.872008	-64.247117	-0.507454
-0.007958	-0.598362	-77.284423	
0.56330	-21.872008	-64.247117	-0.507454
-0.007958	-0.966601	-125.852301	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.970457	112.588034	1.451430
0.004300	0.828759	97.297572	
0.14082	14.970457	112.588034	1.451430
0.004300	0.218664	92.555367	
0.28165	14.970457	112.588034	1.451430
0.004300	0.251292	101.321815	
0.42247	14.970457	112.588034	1.451430
0.004300	0.625526	126.347917	
0.56330	14.970457	112.588034	1.451430
0.004300	1.002256	159.212129	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2535
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.643783	-83.848825	-0.904465
-0.005965	-0.527636	-25.170281	
0.14082	-18.643783	-83.848825	-0.904465
-0.005965	-0.149124	-37.571075	
0.28165	-18.643783	-83.848825	-0.904465
-0.005965	-0.404186	-60.280075	
0.42247	-18.643783	-83.848825	-0.904465
-0.005965	-0.998746	-91.150506	
0.56330	-18.643783	-83.848825	-0.904465
-0.005965	-1.604835	-136.229499	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.719970	110.056895	1.844321
0.004195	1.042031	84.693828	
0.14082	19.719970	110.056895	1.844321
0.004195	0.267497	77.346612	
0.28165	19.719970	110.056895	1.844321
0.004195	0.348463	85.356051	
0.42247	19.719970	110.056895	1.844321
0.004195	0.866225	107.417991	
0.56330	19.719970	110.056895	1.844321
0.004195	1.389965	136.186325	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.639424	-74.294355	-1.249814
-0.004957	-0.716713	-38.128401	
0.14082	-17.639424	-74.294355	-1.249814
-0.004957	-0.193308	-50.250584	
0.28165	-17.639424	-74.294355	-1.249814
-0.004957	-0.516681	-73.949598	
0.42247	-17.639424	-74.294355	-1.249814
-0.004957	-1.278665	-104.671898	
0.56330	-17.639424	-74.294355	-1.249814
-0.004957	-2.049929	-147.269505	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063355	58.919715	0.545630
0.004064	0.338628	98.154073	
0.14082	0.063355	58.919715	0.545630
0.004064	0.109443	90.173007	
0.28165	0.063355	58.919715	0.545630
0.004064	0.074398	82.728029	
0.42247	0.063355	58.919715	0.545630
0.004064	0.176611	89.809247	
0.56330	0.063355	58.919715	0.545630
0.004064	0.281230	104.476088	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.622415	-38.623017	-0.255120
-0.004344	-0.159665	-2.065134	
0.14082	-18.622415	-38.623017	-0.255120
-0.004344	-0.052570	-5.883170	
0.28165	-18.622415	-38.623017	-0.255120
-0.004344	-0.137330	-6.463820	
0.42247	-18.622415	-38.623017	-0.255120
-0.004344	-0.351193	-15.823668	
0.56330	-18.622415	-38.623017	-0.255120
-0.004344	-0.577446	-39.106710	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.624977	78.537322	1.317051
0.004322	0.765869	98.984117	
0.14082	7.624977	78.537322	1.317051
0.004322	0.211888	93.594493	
0.28165	7.624977	78.537322	1.317051
0.004322	0.232283	91.066217	
0.42247	7.624977	78.537322	1.317051
0.004322	0.577015	103.005844	
0.56330	7.624977	78.537322	1.317051
0.004322	0.921339	127.460087	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2536
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.851437	-52.293464	-0.831459
-0.004145	-0.483089	-13.785106	
0.14082	-15.851437	-52.293464	-0.831459
-0.004145	-0.134354	-22.309992	
0.28165	-15.851437	-52.293464	-0.831459
-0.004145	-0.354710	-32.328802	
0.42247	-15.851437	-52.293464	-0.831459
-0.004145	-0.893448	-49.014877	
0.56330	-15.851437	-52.293464	-0.831459
-0.004145	-1.443246	-79.087485	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.763191	105.860207	1.522246
0.002921	0.866553	91.242383	
0.14082	11.763191	105.860207	1.522246
0.002921	0.226766	83.314536	
0.28165	11.763191	105.860207	1.522246
0.002921	0.265902	95.585260	
0.42247	11.763191	105.860207	1.522246
0.002921	0.656076	118.509600	
0.56330	11.763191	105.860207	1.522246
0.002921	1.047815	146.640979	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.711070	-72.246209	-0.937669
-0.003853	-0.533033	-19.098589	
0.14082	-20.711070	-72.246209	-0.937669
-0.003853	-0.141433	-25.641995	
0.28165	-20.711070	-72.246209	-0.937669
-0.003853	-0.419325	-53.710534	
0.42247	-20.711070	-72.246209	-0.937669
-0.003853	-1.049283	-86.855631	
0.56330	-20.711070	-72.246209	-0.937669
-0.003853	-1.686079	-128.811914	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.794850	103.642120	1.950999
0.003124	1.100425	82.616434	
0.14082	12.794850	103.642120	1.950999
0.003124	0.281162	70.292498	
0.28165	12.794850	103.642120	1.950999
0.003124	0.372621	80.793527	
0.42247	12.794850	103.642120	1.950999
0.003124	0.918544	100.713137	
0.56330	12.794850	103.642120	1.950999
0.003124	1.465885	124.993608	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.490276	-63.280928	-1.308346
-0.003225	-0.735289	-31.808824	
0.14082	-20.490276	-63.280928	-1.308346
-0.003225	-0.187909	-36.829223	
0.28165	-20.490276	-63.280928	-1.308346
-0.003225	-0.541823	-64.079909	
0.42247	-20.490276	-63.280928	-1.308346
-0.003225	-1.353270	-96.115985	
0.56330	-20.490276	-63.280928	-1.308346
-0.003225	-2.169954	-135.576684	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.246240	22.397912	1.067607
0.001117	0.593255	13.875737	
0.14082	2.246240	22.397912	1.067607
0.001117	0.144882	6.898250	
0.28165	2.246240	22.397912	1.067607
0.001117	0.236247	4.073535	
0.42247	2.246240	22.397912	1.067607
0.001117	0.578625	4.792291	
0.56330	2.246240	22.397912	1.067607
0.001117	0.920808	6.103958	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2537
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.524799	-5.897020	-0.816397
-6.92E-06	-0.448206	-24.071102	
0.14082	-7.524799	-5.897020	-0.816397
-6.92E-06	-0.105994	-23.327336	
0.28165	-7.524799	-5.897020	-0.816397
-6.92E-06	-0.299495	-25.761784	
0.42247	-7.524799	-5.897020	-0.816397
-6.92E-06	-0.747673	-31.328572	
0.56330	-7.524799	-5.897020	-0.816397
-6.92E-06	-1.195429	-37.250652	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.585368	44.334649	1.791159
0.001904	0.994937	19.118355	
0.14082	13.585368	44.334649	1.791159
0.001904	0.243119	9.263222	
0.28165	13.585368	44.334649	1.791159
0.001904	0.390057	7.054268	
0.42247	13.585368	44.334649	1.791159
0.001904	0.966573	10.524955	
0.56330	13.585368	44.334649	1.791159
0.001904	1.542961	15.591530	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.148565	-14.947399	-1.375341
-0.000129	-0.763677	-43.124216	
0.14082	-9.148565	-14.947399	-1.375341
-0.000129	-0.187260	-45.381201	
0.28165	-9.148565	-14.947399	-1.375341
-0.000129	-0.504137	-53.679552	
0.42247	-9.148565	-14.947399	-1.375341
-0.000129	-1.255511	-66.226565	
0.56330	-9.148565	-14.947399	-1.375341
-0.000129	-2.006693	-79.802360	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.518169	50.067174	2.146401
0.001538	1.198824	48.825400	
0.14082	9.518169	50.067174	2.146401
0.001538	0.296800	55.641406	
0.28165	9.518169	50.067174	2.146401
0.001538	0.438905	69.120431	
0.42247	9.518169	50.067174	2.146401
0.001538	1.085398	87.097826	
0.56330	9.518169	50.067174	2.146401
0.001538	1.731226	106.202918	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.155394	-50.209349	-1.541083
-7.56E-06	-0.852590	-36.875883	
0.14082	-13.155394	-50.209349	-1.541083
-7.56E-06	-0.206275	-44.337490	
0.28165	-13.155394	-50.209349	-1.541083
-7.56E-06	-0.596243	-56.533749	
0.42247	-13.155394	-50.209349	-1.541083
-7.56E-06	-1.497540	-71.936955	
0.56330	-13.155394	-50.209349	-1.541083
-7.56E-06	-2.397667	-87.697930	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.736830	102.588765	2.080465
0.003576	1.177970	95.486519	
0.14082	9.736830	102.588765	2.080465
0.003576	0.304335	79.520323	
0.28165	9.736830	102.588765	2.080465
0.003576	0.402558	80.927011	
0.42247	9.736830	102.588765	2.080465
0.003576	0.988511	96.629956	
0.56330	9.736830	102.588765	2.080465
0.003576	1.575215	117.675540	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2538
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.355614	-56.658444	-1.403249
-0.003083	-0.785297	-34.563627	
0.14082	-24.355614	-56.658444	-1.403249
-0.003083	-0.198337	-37.413512	
0.28165	-24.355614	-56.658444	-1.403249
-0.003083	-0.527323	-58.054522	
0.42247	-24.355614	-56.658444	-1.403249
-0.003083	-1.438154	-88.304508	
0.56330	-24.355614	-56.658444	-1.403249
-0.003083	-2.309186	-126.257198	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.118957	127.598459	1.476387

```
 0.005817    0.830124  102.848855
 0.14082   14.118957  127.598459    1.476387
 0.005817    0.220739   96.024908
 0.28165   14.118957  127.598459    1.476387
 0.005817    0.282022  101.107691
 0.42247   14.118957  127.598459    1.476387
 0.005817    0.693939  127.331516
 0.56330   14.118957  127.598459    1.476387
 0.005817    1.105722  160.347147

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -19.584179  -80.867234   -0.982235
-0.007410   -0.542201  -40.691406
 0.14082  -19.584179  -80.867234   -0.982235
-0.007410   -0.134947  -49.534093
 0.28165  -19.584179  -80.867234   -0.982235
-0.007410   -0.409123  -71.749824
 0.42247  -19.584179  -80.867234   -0.982235
-0.007410   -1.026956  -98.780737
 0.56330  -19.584179  -80.867234   -0.982235
-0.007410   -1.645749 -143.812792

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   19.719970  119.631984    2.146401
 0.005801    1.198824  106.249416
 0.14082   19.719970  119.631984    2.146401
 0.005801    0.304335   96.024908
 0.28165   19.719970  119.631984    2.146401
 0.005801    0.438905  101.321815
 0.42247   19.719970  119.631984    2.146401
 0.005801    1.085398  126.347917
 0.56330   19.719970  119.631984    2.146401
 0.005801    1.731226  159.212129

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -24.355614  -83.848825   -1.541083
-0.007958   -0.852590  -43.124216
 0.14082  -24.355614  -83.848825   -1.541083
-0.007958   -0.206275  -50.250584
 0.28165  -24.355614  -83.848825   -1.541083
-0.007958   -0.596243  -73.949598
 0.42247  -24.355614  -83.848825   -1.541083
-0.007958   -1.497540 -104.671898
 0.56330  -24.355614  -83.848825   -1.541083
-0.007958   -2.397667 -147.269505

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   19.719970  127.598459    2.146401
 0.005817    1.198824  106.249416
 0.14082   19.719970  127.598459    2.146401
 0.005817    0.304335   96.024908
 0.28165   19.719970  127.598459    2.146401
 0.005817    0.438905  101.321815
 0.42247   19.719970  127.598459    2.146401
 0.005817    1.085398  127.331516
 0.56330   19.719970  127.598459    2.146401
 0.005817    1.731226  160.347147
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2539

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -24.355614  -83.848825   -1.541083
-0.007958   -0.852590  -43.124216
 0.14082  -24.355614  -83.848825   -1.541083
-0.007958   -0.206275  -50.250584
 0.28165  -24.355614  -83.848825   -1.541083
-0.007958   -0.596243  -73.949598
 0.42247  -24.355614  -83.848825   -1.541083
-0.007958   -1.497540 -104.671898
 0.56330  -24.355614  -83.848825   -1.541083
-0.007958   -2.397667 -147.269505

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   19.719970  127.598459    2.146401
 0.005817    1.198824  106.249416
 0.14082   19.719970  127.598459    2.146401
 0.005817    0.304335   96.024908
 0.28165   19.719970  127.598459    2.146401
 0.005817    0.438905  101.321815
 0.42247   19.719970  127.598459    2.146401
 0.005817    1.085398  127.331516
 0.56330   19.719970  127.598459    2.146401
 0.005817    1.731226  160.347147

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -24.355614  -83.848825   -1.541083
-0.007958   -0.852590  -43.124216
 0.14082  -24.355614  -83.848825   -1.541083
-0.007958   -0.206275  -50.250584
 0.28165  -24.355614  -83.848825   -1.541083
-0.007958   -0.596243  -73.949598
 0.42247  -24.355614  -83.848825   -1.541083
-0.007958   -1.497540 -104.671898
 0.56330  -24.355614  -83.848825   -1.541083
-0.007958   -2.397667 -147.269505

ELEM      230 ================== LENGTH
=     2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   15.747821   3.207017    0.454480
 0.000520   0.480065   6.313628
 0.57750   15.747821   3.207017    0.454480
 0.000520   0.289504   5.077421
 0.71833   15.747821   3.207017    0.454480
 0.000520   0.098975   3.861099
 0.85917   15.747821   3.207017    0.454480
 0.000520   0.036733   2.702305
 1.00000   15.747821   3.207017    0.454480
 0.000520   0.128572   1.798793

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   -2.102327  -42.232630   -0.219329
-0.001356   -0.239269  -78.561369
 0.57750   -2.102327  -42.232630   -0.219329
-0.001356   -0.147300  -60.897266
 0.71833   -2.102327  -42.232630   -0.219329
-0.001356   -0.055384  -43.276317
 0.85917   -2.102327  -42.232630   -0.219329
-0.001356   -0.001590  -25.937969
 1.00000   -2.102327  -42.232630   -0.219329
-0.001356   -0.282136  -12.695399

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   15.116697   27.401946    0.601808
 0.005645   0.643470   46.807848
 0.57750   15.116697   27.401946    0.601808
 0.005645   0.391181   36.719174
 0.71833   15.116697   27.401946    0.601808
 0.005645   0.139208   35.418255
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2540

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.85917   15.116697   27.401946    0.601808
 0.005645   0.104294   55.213726
 1.00000   15.116697   27.401946    0.601808
 0.005645   0.289194   80.510421

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -28.988387  -114.365469   -0.441002
-0.005364   -0.450423  -121.321386
 0.57750  -28.988387  -114.365469   -0.441002
-0.005364   -0.265534  -78.162709
 0.71833  -28.988387  -114.365469   -0.441002
-0.005364   -0.098440  -49.575882
 0.85917  -28.988387  -114.365469   -0.441002
-0.005364   -0.132019  -28.950336
 1.00000  -28.988387  -114.365469   -0.441002
-0.005364   -0.381339  -11.589022

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   13.807964   46.103008    0.952136
 0.004551   1.028117   75.568385
 0.57750   13.807964   46.103008    0.952136
 0.004551   0.629017   56.798911
 0.71833   13.807964   46.103008    0.952136
 0.004551   0.230047   44.266430
 0.85917   13.807964   46.103008    0.952136
 0.004551   0.150800   50.728409
 1.00000   13.807964   46.103008    0.952136
 0.004551   0.465409   63.000440

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -22.603923  -96.327500   -0.750064
-0.003979   -0.792484 -113.412184
 0.57750  -22.603923  -96.327500   -0.750064
-0.003979   -0.478008  -76.270945
 0.71833  -22.603923  -96.327500   -0.750064
-0.003979   -0.163564  -49.103121
 0.85917  -22.603923  -96.327500   -0.750064
-0.003979   -0.182562  -27.069229
 1.00000  -22.603923  -96.327500   -0.750064
-0.003979   -0.579407  -11.636995

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   26.055986   55.491740    1.281485
 0.004225   1.383447   91.683541
 0.57750   26.055986   55.491740    1.281485
 0.004225   0.846277   69.125893
 0.71833   26.055986   55.491740    1.281485
 0.004225   0.309207   51.929309
 0.85917   26.055986   55.491740    1.281485
 0.004225   0.201436   50.549222
 1.00000   26.055986   55.491740    1.281485
 0.004225   0.640765   54.816224

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -21.670486  -81.716363   -1.047663
-0.003493   -1.116298  -97.347979
 0.57750  -21.670486  -81.716363   -1.047663
-0.003493   -0.677020  -65.782679
 0.71833  -21.670486  -81.716363   -1.047663
-0.003493   -0.247802  -44.651052
 0.85917  -21.670486  -81.716363   -1.047663
-0.003493   -0.239291  -30.006517
 1.00000  -21.670486  -81.716363   -1.047663
-0.003493   -0.774611  -21.569448

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   0.129195   19.564800    0.256151
 0.004524   0.283884   38.178591
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2541

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.57750   0.129195   19.564800    0.256151
 0.004524   0.176601   31.226461
 0.71833   0.129195   19.564800    0.256151
 0.004524   0.069726   33.402648
 0.85917   0.129195   19.564800    0.256151
 0.004524   0.080111   52.383659
 1.00000   0.129195   19.564800    0.256151
 0.004524   0.213736   75.847526

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -30.563392  -70.850799   -0.318883
-0.003269   -0.321058  -44.104002
 0.57750  -30.563392  -70.850799   -0.318883
-0.003269   -0.187355  -18.711104
 0.71833  -30.563392  -70.850799   -0.318883
-0.003269   -0.068615   -5.467009
 0.85917  -30.563392  -70.850799   -0.318883
-0.003269   -0.050412   -1.020455
 1.00000  -30.563392  -70.850799   -0.318883
-0.003269   -0.158840   -1.501855

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   11.731552   46.339923    0.798532
 0.004805   0.872797   78.178330
 0.57750   11.731552   46.339923    0.798532
 0.004805   0.538150   59.623395
 0.71833   11.731552   46.339923    0.798532
 0.004805   0.203529   48.463498
 0.85917   11.731552   46.339923    0.798532
 0.004805   0.155656   58.450915
 1.00000   11.731552   46.339923    0.798532
 0.004805   0.475723   71.232792

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -25.080860  -64.169414   -0.763292
-0.003110   -0.804405  -43.666846
 0.57750  -25.080860  -64.169414   -0.763292
-0.003110   -0.484348  -20.409849
 0.71833  -25.080860  -64.169414   -0.763292
-0.003110   -0.178191   -9.894292
 0.85917  -25.080860  -64.169414   -0.763292
-0.003110   -0.146445   -6.786996
 1.00000  -25.080860  -64.169414   -0.763292
-0.003110   -0.478678  -11.240556

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   16.436007   69.160420    0.940601
 0.003934   1.021273  126.616782
 0.57750   16.436007   69.160420    0.940601
 0.003934   0.627043   99.297673
 0.71833   16.436007   69.160420    0.940601
 0.003934   0.233211   75.449996
 0.85917   16.436007   69.160420    0.940601
 0.003934   0.171000   68.675988
 1.00000   16.436007   69.160420    0.940601
 0.003934   0.527730   64.473525

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -35.032547  -73.164784   -0.850649
-0.002986   -0.898915  -79.200932
 0.57750  -35.032547  -73.164784   -0.850649
-0.002986   -0.542233  -51.231349
 0.71833  -35.032547  -73.164784   -0.850649
-0.002986   -0.195395  -32.624343
 0.85917  -35.032547  -73.164784   -0.850649
-0.002986   -0.173089  -20.009394
 1.00000  -35.032547  -73.164784   -0.850649
-0.002986   -0.565292  -14.684482
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2542

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   17.944890   70.484767    1.284668
 0.003717   1.391836  131.151159
 0.57750   17.944890   70.484767    1.284668
 0.003717   0.853326  102.133435
 0.71833   17.944890   70.484767    1.284668
 0.003717   0.315140   77.594241
 0.85917   17.944890   70.484767    1.284668
 0.003717   0.226163   66.626550
 1.00000   17.944890   70.484767    1.284668
 0.003717   0.715322   57.734967

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -33.100375  -62.501420   -1.166568
-0.002721   -1.241115  -69.249491
 0.57750  -33.100375  -62.501420   -1.166568
-0.002721   -0.751990  -45.306508
 0.71833  -33.100375  -62.501420   -1.166568
-0.002721   -0.262127  -31.001636
 0.85917  -33.100375  -62.501420   -1.166568
-0.002721   -0.233444  -21.788650
 1.00000  -33.100375  -62.501420   -1.166568
-0.002721   -0.770277  -18.586279

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   2.179249   17.540267    0.766293
 0.000657   0.827817   37.083317
 0.57750   2.179249   17.540267    0.766293
 0.000657   0.506533   29.772916
 0.71833   2.179249   17.540267    0.766293
 0.000657   0.185248   22.485138
 0.85917   2.179249   17.540267    0.766293
 0.000657   0.133668   15.256606
 1.00000   2.179249   17.540267    0.766293
 0.000657   0.436993    8.198899

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   -7.623643   -2.790350   -0.723459
-0.000367   -0.776306    7.136033
 0.57750   -7.623643   -2.790350   -0.723459
-0.000367   -0.472980   -6.779198
 0.71833   -7.623643   -2.790350   -0.723459
-0.000367   -0.169684   -6.564037
 0.85917   -7.623643   -2.790350   -0.723459
-0.000367   -0.136054   -6.631221
 1.00000   -7.623643   -2.790350   -0.723459
-0.000367   -0.457336   -6.904834

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   23.313748   41.186076    1.301528
 0.001338   1.409259   73.645559
 0.57750   23.313748   41.186076    1.301528
 0.001338   0.860568   56.870282
 0.71833   23.313748   41.186076    1.301528
 0.001338   0.314865   40.528664
 0.85917   23.313748   41.186076    1.301528
 0.001338   0.221498   25.186908
 1.00000   23.313748   41.186076    1.301528
 0.001338   0.705068   12.236636

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -10.526249   -5.769368   -1.171971
-0.000618   -1.260606   -9.027811
 0.57750  -10.526249   -5.769368   -1.171971
-0.000618   -0.769227   -8.721346
 0.71833  -10.526249   -5.769368   -1.171971
-0.000618   -0.276849  -10.955282
 0.85917  -10.526249   -5.769368   -1.171971
-0.000618   -0.231444  -16.535099
 1.00000  -10.526249   -5.769368   -1.171971
-0.000618   -0.777031  -23.692098
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2543

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   11.023167   53.300937    1.465191
 0.001799   1.590408   94.849668
 0.57750   11.023167   53.300937    1.465191
 0.001799   0.976228   72.804072
 0.71833   11.023167   53.300937    1.465191
 0.001799   0.362025   51.967946
 0.85917   11.023167   53.300937    1.465191
 0.001799   0.246924   37.487777
 1.00000   11.023167   53.300937    1.465191
 0.001799   0.813585   25.506059

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -17.082505  -22.325285   -1.351401
-0.000630   -1.452858  -27.047714
 0.57750  -17.082505  -22.325285   -1.351401
-0.000630   -0.886255  -19.591207
 0.71833  -17.082505  -22.325285   -1.351401
-0.000630   -0.320508  -14.462527
 0.85917  -17.082505  -22.325285   -1.351401
-0.000630   -0.754103  -12.223816
 1.00000  -17.082505  -22.325285   -1.351401
-0.000630   -0.867892  -16.283738

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   11.376586   72.336871    1.341592
 0.004138   1.455739  139.098590
 0.57750   11.376586   72.336871    1.341592
 0.004138   0.893548  109.380013
 0.71833   11.376586   72.336871    1.341592
 0.004138   0.331620   84.888669
 0.85917   11.376586   72.336871    1.341592
 0.004138   0.252257   75.519178
 1.00000   11.376586   72.336871    1.341592
 0.004138   0.791872   68.215294

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -38.775346  -58.941916   -1.286951
-0.002833   -1.366480  -55.790379
 0.57750  -38.775346  -58.941916   -1.286951
-0.002833   -0.826876  -34.970313
 0.71833  -38.775346  -58.941916   -1.286951
-0.002833   -0.297076  -23.285366
 0.85917  -38.775346  -58.941916   -1.286951
-0.002833   -0.242507  -16.987514
 1.00000  -38.775346  -58.941916   -1.286951
-0.002833   -0.803009  -16.654363

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   36.382645   7.577258    0.598309
 0.000508   0.632686  11.587140
 0.57750   36.382645   7.577258    0.598309
 0.000508   0.381680   9.240855
 0.71833   36.382645   7.577258    0.598309
 0.000508   0.130057   6.922079
 0.85917   36.382645   7.577258    0.598309
 0.000508   0.048187   4.691651
 1.00000   36.382645   7.577258    0.598309
 0.000508   0.165215   2.621158

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -3.833608  -67.835517   -0.278168
-0.001488   -0.301556 -135.302191
 0.57750  -3.833608  -67.835517   -0.278168
-0.001488   -0.185060 -107.187371
 0.71833  -3.833608  -67.835517   -0.278168
-0.001488   -0.068414  -79.095363
 0.85917  -3.833608  -67.835517   -0.278168
-0.001488   -0.118336  -51.178180
 1.00000  -3.833608  -67.835517   -0.278168
-0.001488   -0.369922  -24.930003
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2544

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   33.124405   31.767073    0.853054
 0.005731   0.906170   60.553384
 0.57750   33.124405   31.767073    0.853054
 0.005731   0.549986   48.438945
 0.71833   33.124405   31.767073    0.853054
 0.005731   0.195875   45.945103
 0.85917   33.124405   31.767073    0.853054
 0.005731   0.129963   64.185731
 1.00000   33.124405   31.767073    0.853054
 0.005731   0.374326   86.689207

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -39.017879 -141.396814   -0.582505
-0.005070   -0.603210 -181.571613
 0.57750  -39.017879 -141.396814   -0.582505
-0.005070   -0.360946 -123.178963
 0.71833  -39.017879 -141.396814   -0.582505
-0.005070   -0.133896  -81.517930
 0.85917  -39.017879 -141.396814   -0.582505
-0.005070   -0.180886  -50.572430
 1.00000  -39.017879 -141.396814   -0.582505
-0.005070   -0.537931  -23.250325

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   31.285165   59.917598    1.442953
 0.004681   1.552462  109.602788
 0.57750   31.285165   59.917598    1.442953
 0.004681   0.948296   85.215061
 0.71833   31.285165   59.917598    1.442953
 0.004681   0.345051   67.667176
 0.85917   31.285165   59.917598    1.442953
 0.004681   0.210797   66.500186
 1.00000   31.285165   59.917598    1.442953
 0.004681   0.667694   70.709746

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -34.452530 -120.084033   -1.088982
-0.003916   -1.158946 -164.750732
 0.57750  -34.452530 -120.084033   -1.088982
-0.003916   -0.703519 -115.063757
 0.71833  -34.452530 -120.084033   -1.088982
-0.003916   -0.258886  -77.635639
 0.85917  -34.452530 -120.084033   -1.088982
-0.003916   -0.270263  -47.051332
 1.00000  -34.452530 -120.084033   -1.088982
-0.003916   -0.875971  -22.136617

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   40.847529   80.111837    1.913735
 0.004326   2.068239  137.518581
 0.57750   40.847529   80.111837    1.913735
 0.004326   1.258592  104.969987
 0.71833   40.847529   80.111837    1.913735
 0.004326   0.457296   78.714074
 0.85917   40.847529   80.111837    1.913735
 0.004326   0.281386   67.140162
 1.00000   40.847529   80.111837    1.913735
 0.004326   0.911283   61.773994

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43667  -32.938103 -102.558235   -1.501602
-0.003412   -1.607392 -142.406248
 0.57750  -32.938103 -102.558235   -1.501602
-0.003412   -0.976695 -100.391071
 0.71833  -32.938103 -102.558235   -1.501602
-0.003412   -0.359277   70.000562
 0.85917  -32.938103 -102.558235   -1.501602
-0.003412   -0.352195  -46.640692
 1.00000  -32.938103 -102.558235   -1.501602
-0.003412   -1.155672  -30.105310
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2545

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43667   0.094373   23.570168    0.421283
 0.003898   0.459961   52.297224
 0.57750   0.094373   23.570168    0.421283
 0.003898   0.284390   43.603063
 0.71833   0.094373   23.570168    0.421283
 0.003898   0.110651   42.399688
 0.85917   0.094373   23.570168    0.421283
 0.003898   0.101724   56.099702
 1.00000   0.094373   23.570168    0.421283
 0.003898   0.295762   73.053080

COMB DL-G2-1 ------------------- MIN
```

REL DIST P V2 V3
T M2 M3
0.43667 -40.699729 -62.771338 -0.462609
-0.002428 -0.480144 -44.688829
0.57750 -40.699729 -62.771338 -0.462609
-0.002428 -0.287588 -19.158331
0.71833 -40.699729 -62.771338 -0.462609
-0.002428 -0.105653 -5.724963
0.85917 -40.699729 -62.771338 -0.462609
-0.002428 -0.080677 -0.920859
1.00000 -40.699729 -62.771338 -0.462609
-0.002428 -0.256581 -1.414823

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 11.976139 66.477966 1.270566
0.004271 1.373340 118.954106
0.57750 11.976139 66.477966 1.270566
0.004271 0.847625 92.133260
0.71833 11.976139 66.477966 1.270566
0.004271 0.317189 72.228136
0.85917 11.976139 66.477966 1.270566
0.004271 0.217549 68.792641
1.00000 11.976139 66.477966 1.270566
0.004271 0.694305 69.583062

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -34.602444 -57.380300 -1.137451
-0.002373 -1.213375 -43.855950
0.57750 -34.602444 -57.380300 -1.137451
-0.002373 -0.737748 -20.797865
0.71833 -34.602444 -57.380300 -1.137451
-0.002373 -0.272105 -9.990444
0.85917 -34.602444 -57.380300 -1.137451
-0.002373 -0.227106 -6.684435
1.00000 -34.602444 -57.380300 -1.137451
-0.002373 -0.759926 -10.857575

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 20.998572 85.552239 1.458579
0.003302 1.578113 159.847296
0.57750 20.998572 85.552239 1.458579
0.003302 0.967308 124.826105
0.71833 20.998572 85.552239 1.458579
0.003302 0.356320 94.529283
0.85917 20.998572 85.552239 1.458579
0.003302 0.230482 75.908222
1.00000 20.998572 85.552239 1.458579
0.003302 0.739401 61.613134

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -42.667343 -78.072265 -1.212817
-0.002405 -1.294722 -100.343843
0.57750 -42.667343 -78.072265 -1.212817
-0.002405 -0.787142 -68.472328
0.71833 -42.667343 -78.072265 -1.212817
-0.002405 -0.285969 -44.852765
0.85917 -42.667343 -78.072265 -1.212817
-0.002405 -0.260346 -26.677750
1.00000 -42.667343 -78.072265 -1.212817
-0.002405 -0.872255 -15.953489
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2546

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 22.643186 93.483892 1.959984
0.003214 2.118185 172.609485
0.57750 22.643186 93.483892 1.959984
0.003214 1.296962 134.520011
0.71833 22.643186 93.483892 1.959984
0.003214 0.475229 100.582054
0.85917 22.643186 93.483892 1.959984
0.003214 0.373646 77.572208
1.00000 22.643186 93.483892 1.959984
0.003214 1.014650 56.415905

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -42.028638 -68.037828 -1.674081
-0.002208 -1.793209 -90.046098
0.57750 -42.028638 -68.037828 -1.674081
-0.002208 -1.091900 -62.805498
0.71833 -42.028638 -68.037828 -1.674081
-0.002208 -0.390594 -43.295954
0.85917 -42.028638 -68.037828 -1.674081
-0.002208 -0.348947 -28.407269
1.00000 -42.028638 -68.037828 -1.674081
-0.002208 -1.171726 -19.804241

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 3.713498 26.732597 1.142890
0.000663 1.233744 54.533355
0.57750 3.713498 26.732597 1.142890
0.000663 0.754374 43.495082
0.71833 3.713498 26.732597 1.142890
0.000663 0.274190 32.543910
0.85917 3.713498 26.732597 1.142890
0.000663 0.194304 21.799961
1.00000 3.713498 26.732597 1.142890
0.000663 0.639000 11.499982

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -15.961844 -5.820642 -1.060194
-0.000337 -1.139167 -14.039810
0.57750 -15.961844 -5.820642 -1.060194
-0.000337 -0.694525 -12.064654
0.71833 -15.961844 -5.820642 -1.060194
-0.000337 -0.250059 -10.204786
0.85917 -15.961844 -5.820642 -1.060194
-0.000337 -0.202185 -8.610141
1.00000 -15.961844 -5.820642 -1.060194
-0.000337 -0.682016 -7.499711

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 26.008224 68.454149 1.956257
0.001287 2.119913 115.985423
0.57750 26.008224 68.454149 1.956257
0.001287 1.290509 88.104285
0.71833 26.008224 68.454149 1.956257
0.001287 0.469266 61.031409
0.85917 26.008224 68.454149 1.956257
0.001287 0.308840 36.283645
1.00000 26.008224 68.454149 1.956257
0.001287 1.026499 15.219785

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -18.571019 -8.720333 -1.711116
-0.000508 -1.843485 -18.863052
0.57750 -18.571019 -8.720333 -1.711116
-0.000508 -1.125982 -16.708447
0.71833 -18.571019 -8.720333 -1.711116
-0.000508 -0.409300 -15.906901
0.85917 -18.571019 -8.720333 -1.711116
-0.000508 -0.347731 -18.059048
1.00000 -18.571019 -8.720333 -1.711116
-0.000508 -1.168759 -24.560946

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2547

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 14.964899 81.221500 2.240390
0.001488 2.427870 147.610081
0.57750 14.964899 81.221500 2.240390
0.001488 1.488242 114.319662
0.71833 14.964899 81.221500 2.240390
0.001488 0.547430 81.931280
0.85917 14.964899 81.221500 2.240390
0.001488 0.359850 52.871478
1.00000 14.964899 81.221500 2.240390
0.001488 1.199162 28.112673

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -30.649754 -20.444329 -2.000293
-0.000386 -2.155741 -31.835467
0.57750 -30.649754 -20.444329 -2.000293
-0.000386 -1.316825 -24.760076
0.71833 -30.649754 -20.444329 -2.000293
-0.000386 -0.478240 -18.482334
0.85917 -30.649754 -20.444329 -2.000293
-0.000386 -0.386229 -14.156842
1.00000 -30.649754 -20.444329 -2.000293
-0.000386 -1.327004 -17.147145

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 15.774642 94.901515 2.065881
0.003405 2.235902 182.434292
0.57750 15.774642 94.901515 2.065881
0.003405 1.370134 143.660825
0.71833 15.774642 94.901515 2.065881
0.003405 0.504366 109.371122
0.85917 15.774642 94.901515 2.065881
0.003405 0.349444 85.626744
1.00000 15.774642 94.901515 2.065881
0.003405 1.129611 66.152864

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -51.845780 -58.084063 -1.860196
-0.002053 -1.990477 -68.795270
0.57750 -51.845780 -58.084063 -1.860196
-0.002053 -1.211246 -46.036172
0.71833 -51.845780 -58.084063 -1.860196
-0.002053 -0.438327 -30.718876
0.85917 -51.845780 -58.084063 -1.860196
-0.002053 -0.365623 -20.558819
1.00000 -51.845780 -58.084063 -1.860196
-0.002053 -1.232256 -17.541605

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 26.055986 72.336871 1.465191
0.005645 1.590408 139.098590
0.57750 26.055986 72.336871 1.465191
0.005645 0.976228 109.380013
0.71833 26.055986 72.336871 1.465191
0.005645 0.362025 84.868669
0.85917 26.055986 72.336871 1.465191
0.005645 0.252257 75.519178
1.00000 26.055986 72.336871 1.465191
0.005645 0.813585 80.510421

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -38.775346 -114.365469 -1.351401
-0.005364 -1.452858 -121.321386
0.57750 -38.775346 -114.365469 -1.351401
-0.005364 -0.886255 -78.162709
0.71833 -38.775346 -114.365469 -1.351401
-0.005364 -0.320508 -49.575882
0.85917 -38.775346 -114.365469 -1.351401
-0.005364 -0.254103 -30.006517
1.00000 -38.775346 -114.365469 -1.351401
-0.005364 -0.867892 -23.692098
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2548

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 40.847529 94.901515 2.240390
0.005731 2.427870 182.434292
0.57750 40.847529 94.901515 2.240390
0.005731 1.488242 143.660825
0.71833 40.847529 94.901515 2.240390
0.005731 0.547430 109.371122
0.85917 40.847529 94.901515 2.240390
0.005731 0.359850 85.626744
1.00000 40.847529 94.901515 2.240390
0.005731 1.199162 86.689207

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -51.845780 -141.396814 -2.000293
-0.005070 -2.155741 -181.571613
0.57750 -51.845780 -141.396814 -2.000293
-0.005070 -1.316825 -123.178963
0.71833 -51.845780 -141.396814 -2.000293
-0.005070 -0.478240 -81.875930
0.85917 -51.845780 -141.396814 -2.000293
-0.005070 -0.386229 -51.178180
1.00000 -51.845780 -141.396814 -2.000293
-0.005070 -1.327004 -30.105310

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 40.847529 94.901515 2.240390
0.005731 2.427870 182.434292
0.57750 40.847529 94.901515 2.240390
0.005731 1.488242 143.660825
0.71833 40.847529 94.901515 2.240390
0.005731 0.547430 109.371122
0.85917 40.847529 94.901515 2.240390
0.005731 0.359850 85.626744
1.00000 40.847529 94.901515 2.240390
0.005731 1.199162 86.689207

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -51.845780 -141.396814 -2.000293
-0.005364 -2.155741 -181.571613
0.57750 -51.845780 -141.396814 -2.000293
-0.005364 -1.316825 -123.178963
0.71833 -51.845780 -141.396814 -2.000293
-0.005364 -0.478240 -81.875930
0.85917 -51.845780 -141.396814 -2.000293
-0.005364 -0.386229 -51.178180
1.00000 -51.845780 -141.396814 -2.000293
-0.005364 -1.327004 -30.105310

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 40.847529 94.901515 2.240390
0.005731 2.427870 182.434292
0.57750 40.847529 94.901515 2.240390
0.005731 1.488242 143.660825
0.71833 40.847529 94.901515 2.240390
0.005731 0.547430 109.371122
0.85917 40.847529 94.901515 2.240390
0.005731 0.359850 85.626744
1.00000 40.847529 94.901515 2.240390
0.005731 1.199162 86.689207

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -51.845780 -141.396814 -2.000293
-0.005364 -2.155741 -181.571613
0.57750 -51.845780 -141.396814 -2.000293
-0.005364 -1.316825 -123.178963
0.71833 -51.845780 -141.396814 -2.000293
-0.005364 -0.478240 -81.875930
0.85917 -51.845780 -141.396814 -2.000293
-0.005364 -0.386229 -51.178180
1.00000 -51.845780 -141.396814 -2.000293
-0.005364 -1.327004 -30.105310
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2549

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 231 ========== LENGTH = 2.977141

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.794058 3.262233 0.320045
0.000496 0.779571 1.795100
0.14083 15.794058 3.262233 0.320045
0.000496 0.045508 10.272132
0.28167 15.794058 3.262233 0.320045
0.000496 0.074820 27.675269
0.42250 15.794058 3.262233 0.320045
0.000496 0.216599 45.215205
0.56334 15.794058 3.262233 0.320045
0.000496 0.358393 62.801929

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.092709 -41.968686 -0.338179
-0.001193 -0.208809 -12.695483
0.14083 -2.092709 -41.968686 -0.338179
-0.001193 -0.067088 -13.393421
0.28167 -2.092709 -41.968686 -0.338179
-0.001193 -0.088740 -14.264775
0.42250 -2.092709 -41.968686 -0.338179
-0.001193 -0.222900 -15.200500
0.56334 -2.092709 -41.968686 -0.338179
-0.001193 -0.357081 -16.514989

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.093292 85.406087 0.592883
0.004388 0.377031 80.732124
0.14083 15.093292 85.406087 0.592883
0.004388 0.129249 66.127530
0.28167 15.093292 85.406087 0.592883
0.004388 0.098139 60.096311
0.42250 15.093292 85.406087 0.592883
0.004388 0.277639 78.074247
0.56334 15.093292 85.406087 0.592883
0.004388 0.456611 102.156648

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -32.852514 -61.226369 -0.426854
-0.006417 -0.259481 -11.607685
0.14083 -32.852514 -61.226369 -0.426854
-0.006417 -0.085599 -12.450436
0.28167 -32.852514 -61.226369 -0.426854
-0.006417 -0.142419 -19.383057
0.42250 -32.852514 -61.226369 -0.426854
-0.006417 -0.370507 -40.090787
0.56334 -32.852514 -61.226369 -0.426854
-0.006417 -0.618533 -75.631436

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.787991 85.478943 0.987369
0.003305 0.605506 63.156497
0.14083 13.787991 85.478943 0.987369
0.003305 0.192008 55.860536
0.28167 13.787991 85.478943 0.987369
0.003305 0.176274 58.763022
0.42250 13.787991 85.478943 0.987369
0.003305 0.486969 78.677480
0.56334 13.787991 85.478943 0.987369
0.003305 0.797740 102.822555

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -25.336364 -60.285528 -0.741103
-0.004647 -0.445129 -11.659831
0.14083 -25.336364 -60.285528 -0.741103
-0.004647 -0.137735 -22.160300
0.28167 -25.336364 -60.285528 -0.741103
-0.004647 -0.237763 -38.234540
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2550

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42250 -25.336364 -60.285528 -0.741103
-0.004647 -0.637723 -63.738880
0.56334 -25.336364 -60.285528 -0.741103
-0.004647 -1.051381 -99.375009

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.034483 88.459755 1.298115
0.003328 0.785253 54.950833
0.14083 26.034483 88.459755 1.298115
0.003328 0.241335 46.840722
0.28167 26.034483 88.459755 1.298115
0.003328 0.249879 49.959861
0.42250 26.034483 88.459755 1.298115
0.003328 0.684040 67.336628
0.56334 26.034483 88.459755 1.298115
0.003328 1.118289 88.123536

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.880831 -51.819933 -1.035783
-0.004036 -0.618824 -21.570586
0.14083 -23.880831 -51.819933 -1.035783
-0.004036 -0.187415 -35.112972
0.28167 -23.880831 -51.819933 -1.035783
-0.004036 -0.316013 -53.262510
0.42250 -23.880831 -51.819933 -1.035783
-0.004036 -0.844676 -79.482024
0.56334 -23.880831 -51.819933 -1.035783
-0.004036 -1.392663 -115.070960

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.128976 68.242039 0.403592
0.003185 0.272809 76.034724
0.14083 0.128976 68.242039 0.403592
0.003185 0.103943 60.860195
0.28167 0.128976 68.242039 0.403592
0.003185 0.049258 45.897627
0.42250 0.128976 68.242039 0.403592
0.003185 0.129464 50.775517
0.56334 0.128976 68.242039 0.403592
0.003185 0.209794 60.666231

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.831130 -26.876119 -0.191576
-0.004156 -0.111568 -1.529034
0.14083 -33.831130 -26.876119 -0.191576
-0.004156 -0.035327 -3.108163
0.28167 -33.831130 -26.876119 -0.191576
-0.004156 -0.084196 -7.887771
0.42250 -33.831130 -26.876119 -0.191576
-0.004156 -0.236274 -23.789893
0.56334 -33.831130 -26.876119 -0.191576
-0.004156 -0.405060 -52.257037

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.757315 92.055937 0.949264
0.003455 0.594388 71.418462
0.14083 11.757315 92.055937 0.949264
0.003455 0.196590 52.373035
0.28167 11.757315 92.055937 0.949264
0.003455 0.162786 37.004151
0.42250 11.757315 92.055937 0.949264
0.003455 0.441189 40.817220
0.56334 11.757315 92.055937 0.949264
0.003455 0.719682 49.297467

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.195471 -23.144065 -0.664325
-0.003906 -0.394376 -11.261013
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2551

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14083 -28.195471 -23.144065 -0.664325
-0.003906 -0.219752 -17.199574
0.28167 -28.195471 -23.144065 -0.664325
-0.003906 -0.218713 -40.328489
0.42250 -28.195471 -23.144065 -0.664325
-0.003906 -0.600866 -66.822015
0.56334 -28.195471 -23.144065 -0.664325
-0.003906 -0.998486 -105.073033

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.421751 100.987704 1.061561
0.002921 0.652765 64.602905
0.14083 16.421751 100.987704 1.061561
0.002921 0.208180 49.541679
0.28167 16.421751 100.987704 1.061561
0.002921 0.183700 49.212914
0.42250 16.421751 100.987704 1.061561
0.002921 0.496406 63.293884
0.56334 16.421751 100.987704 1.061561
0.002921 0.809314 80.803969

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -37.239212 -44.179210 -0.746407
-0.003726 -0.442424 -14.685420
0.14083 -37.239212 -44.179210 -0.746407
-0.003726 -0.132391 -23.864255
0.28167 -37.239212 -44.179210 -0.746407
-0.003726 -0.250200 -49.388328
0.42250 -37.239212 -44.179210 -0.746407
-0.003726 -0.682009 -82.991690
0.56334 -37.239212 -44.179210 -0.746407
-0.003726 -1.128622 -124.971744

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.957162 97.130158 1.383621
0.003015 0.839104 57.847981
0.14083 17.957162 97.130158 1.383621
0.003015 0.259480 41.210597
0.28167 17.957162 97.130158 1.383621
0.003015 0.260590 41.352518
0.42250 17.957162 97.130158 1.383621
0.003015 0.700500 53.650588
0.56334 17.957162 97.130158 1.383621
0.003015 1.140556 68.821245

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -34.884526 -38.217712 -1.049624
-0.003372 -0.619726 -18.587146
0.14083 -34.884526 -38.217712 -1.049624
-0.003372 -0.182017 -27.536569
0.28167 -34.884526 -38.217712 -1.049624
-0.003372 -0.331822 -50.231565
0.42250 -34.884526 -38.217712 -1.049624
-0.003372 -0.902446 -80.619061
0.56334 -34.884526 -38.217712 -1.049624
-0.003372 -1.482245 -121.066365

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.208845 17.619302 0.776192
0.000889 0.459802 8.205010
0.14083 2.208845 17.619302 0.776192
0.000889 0.134357 4.183067
0.28167 2.208845 17.619302 0.776192
0.000889 0.166191 3.519038
0.42250 2.208845 17.619302 0.776192
0.000889 0.440247 3.651925
0.56334 2.208845 17.619302 0.776192
0.000889 0.714314 4.081020
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2552

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.512946 -2.731480 -0.653651
-0.000429 -0.381951 -6.905170
0.14083 -7.512946 -2.731480 -0.653651
-0.000429 -0.107897 -7.448881
0.28167 -7.512946 -2.731480 -0.653651
-0.000429 -0.191223 -8.473731
0.42250 -7.512946 -2.731480 -0.653651
-0.000429 -0.516590 -14.673917
0.56334 -7.512946 -2.731480 -0.653651
-0.000429 -0.841999 -22.050139

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.338513	43.735196	1.299627
0.001666	0.770237	12.255817	
0.14083	23.338513	43.735196	1.299627
0.001666	0.225364	3.526391	
0.28167	23.338513	43.735196	1.299627
0.001666	0.277647	2.281568	
0.42250	23.338513	43.735196	1.299627
0.001666	0.744825	3.738691	
0.56334	23.338513	43.735196	1.299627
0.001666	1.212169	5.391861	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.480637	-4.058665	-1.114726
-0.000685	-0.657412	-23.691615	
0.14083	-10.480637	-4.058665	-1.114726
-0.000685	-0.190470	-32.045534	
0.28167	-10.480637	-4.058665	-1.114726
-0.000685	-0.320524	-40.861327	
0.42250	-10.480637	-4.058665	-1.114726
-0.000685	-0.864750	-56.508688	
0.56334	-10.480637	-4.058665	-1.114726
-0.000685	-1.409627	-74.588286	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.058588	56.510902	1.560730
0.001535	0.932693	25.531940	
0.14083	11.058588	56.510902	1.560730
0.001535	0.280777	21.280777	
0.28167	11.058588	56.510902	1.560730
0.001535	0.312022	26.047622	
0.42250	11.058588	56.510902	1.560730
0.001535	0.835073	33.988062	
0.56334	11.058588	56.510902	1.560730
0.001535	1.358152	42.237113	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.250660	-19.971329	-1.247661
-0.000722	-0.734291	-16.278200	
0.14083	-17.250660	-19.971329	-1.247661
-0.000722	-0.211549	-30.209904	
0.28167	-17.250660	-19.971329	-1.247661
-0.000722	-0.377365	-44.850769	
0.42250	-17.250660	-19.971329	-1.247661
-0.000722	-1.030706	-65.810027	
0.56334	-17.250660	-19.971329	-1.247661
-0.000722	-1.685038	-89.299139	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.417871	103.884815	1.484319
0.003395	0.904681	68.348392	
0.14083	11.417871	103.884815	1.484319
0.003395	0.283011	44.028444	
0.28167	11.417871	103.884815	1.484319
0.003395	0.278549	36.985739	
0.42250	11.417871	103.884815	1.484319
0.003395	0.274074	45.278230	
0.56334	11.417871	103.884815	1.484319
0.003395	1.206857	56.994561	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.854332	-30.250400	-1.107179
-0.003630	-0.650204	-16.662265	
0.14083	-40.854332	-30.250400	-1.107179
-0.003630	-0.186824	-25.248932	
0.28167	-40.854332	-30.250400	-1.107179
-0.003630	-0.353168	-45.136774	
0.42250	-40.854332	-30.250400	-1.107179
-0.003630	-0.964142	-78.867352	
0.56334	-40.854332	-30.250400	-1.107179
-0.003630	-1.586205	-122.183162	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	36.379832	7.483119	0.422961
0.000482	0.238086	2.613081	
0.14083	36.379832	7.483119	0.422961
0.000482	0.059393	11.045241	
0.28167	36.379832	7.483119	0.422961
0.000482	0.089067	37.683597	
0.42250	36.379832	7.483119	0.422961
0.000482	0.252971	65.433957	
0.56334	36.379832	7.483119	0.422961
0.000482	0.416810	93.387706	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.820160	-67.217009	-0.391140
-0.001296	-0.239226	-24.908708	
0.14083	-3.820160	-67.217009	-0.391140
-0.001296	-0.075431	-11.419299	
0.28167	-3.820160	-67.217009	-0.391140
-0.001296	-0.115016	-13.100739	
0.42250	-3.820160	-67.217009	-0.391140
-0.001296	-0.154615	-15.803501	
0.56334	-3.820160	-67.217009	-0.391140
-0.001296	-0.470740	-18.730662	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	33.086232	90.672936	0.840176
0.004039	0.526240	86.728387	
0.14083	33.086232	90.672936	0.840176
0.004039	0.172960	69.129932	
0.28167	33.086232	90.672936	0.840176
0.004039	0.134324	71.755356	
0.42250	33.086232	90.672936	0.840176
0.004039	0.362293	98.659782	
0.56334	33.086232	90.672936	0.840176
0.004039	0.594270	133.245454	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.672620	-85.519651	-0.553828
-0.006859	-0.335717	-23.242988	
0.14083	-41.672620	-85.519651	-0.553828
-0.006859	-0.111681	-10.747393	
0.28167	-41.672620	-85.519651	-0.553828
-0.006859	-0.197148	-17.751460	
0.42250	-41.672620	-85.519651	-0.553828
-0.006859	-0.531251	-42.450090	
0.56334	-41.672620	-85.519651	-0.553828
-0.006859	-0.883103	-79.423346	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	31.285361	101.764533	1.470917
0.003175	0.894285	70.752983	
0.14083	31.285361	101.764533	1.470917
0.003175	0.275910	57.856914	
0.28167	31.285361	101.764533	1.470917
0.003175	0.259834	65.766505	
0.42250	31.285361	101.764533	1.470917
0.003175	0.705630	92.837318	
0.56334	31.285361	101.764533	1.470917
0.003175	1.154783	125.555477	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-36.404369	-80.478433	-1.070853
-0.005148	-0.641582	-22.125859	
0.14083	-36.404369	-80.478433	-1.070853
-0.005148	-0.198156	-21.829308	
0.28167	-36.404369	-80.478433	-1.070853
-0.005148	-0.350414	-40.523459	
0.42250	-36.404369	-80.478433	-1.070853
-0.005148	-0.955311	-73.568063	
0.56334	-36.404369	-80.478433	-1.070853
-0.005148	-1.571909	-115.479305	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.848468	115.177010	1.905519
0.003205	1.145977	61.816911	
0.14083	40.848468	115.177010	1.905519
0.003205	0.345721	48.467321	
0.28167	40.848468	115.177010	1.905519
0.003205	0.363577	56.194546	
0.42250	40.848468	115.177010	1.905519
0.003205	0.986616	79.848599	
0.56334	40.848468	115.177010	1.905519
0.003205	1.612612	108.204680	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-34.547013	-69.703895	-1.492738
-0.004429	-0.891255	-30.096549	
0.14083	-34.547013	-69.703895	-1.492738
-0.004429	-0.270064	-39.195521	
0.28167	-34.547013	-69.703895	-1.492738
-0.004429	-0.460317	-66.921460	
0.42250	-34.547013	-69.703895	-1.492738
-0.004429	-1.249748	-106.593436	
0.56334	-34.547013	-69.703895	-1.492738
-0.004429	-2.048631	-153.632456	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094913	64.995685	0.614638
0.002443	0.399368	73.089766	
0.14083	0.094913	64.995685	0.614638
0.002443	0.141434	57.668127	
0.28167	0.094913	64.995685	0.614638
0.002443	0.085922	43.998720	
0.42250	0.094913	64.995685	0.614638
0.002443	0.222361	47.188345	
0.56334	0.094913	64.995685	0.614638
0.002443	0.361925	56.421973	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-42.568339	-24.501900	-0.332801
-0.003715	-0.196844	-1.429729	
0.14083	-42.568339	-24.501900	-0.332801
-0.003715	-0.062974	-3.041645	
0.28167	-42.568339	-24.501900	-0.332801
-0.003715	-0.130104	-7.825436	
0.42250	-42.568339	-24.501900	-0.332801
-0.003715	-0.374430	-24.919875	
0.56334	-42.568339	-24.501900	-0.332801
-0.003715	-0.631868	-51.284920	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.021739	106.521053	1.446997
0.002796	0.891083	69.639030	
0.14083	12.021739	106.521053	1.446997
0.002796	0.283430	48.948826	
0.28167	12.021739	106.521053	1.446997
0.002796	0.258322	33.264995	
0.42250	12.021739	106.521053	1.446997
0.002796	0.695832	35.542480	
0.56334	12.021739	106.521053	1.446997
0.002796	1.136583	43.364614	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-36.453474	-20.713042	-1.050745
-0.003582	-0.626045	-10.874662	
0.14083	-36.453474	-20.713042	-1.050745
-0.003582	-0.191022	-28.608094	
0.28167	-36.453474	-20.713042	-1.050745
-0.003582	-0.334651	-50.583996	
0.42250	-36.453474	-20.713042	-1.050745
-0.003582	-0.929175	-86.134720	
0.56334	-36.453474	-20.713042	-1.050745
-0.003582	-1.535939	-130.069617	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	20.993900	110.917135	1.575017
0.002307	0.955924	61.648325	
0.14083	20.993900	110.917135	1.575017
0.002307	0.294609	48.436288	
0.28167	20.993900	110.917135	1.575017
0.002307	0.275654	53.656316	
0.42250	20.993900	110.917135	1.575017
0.002307	0.743377	71.855585	
0.56334	20.993900	110.917135	1.575017
0.002307	1.213509	93.863553	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.873381	-54.191052	-1.120768
-0.003352	-0.666505	-15.943909	
0.14083	-43.873381	-54.191052	-1.120768
-0.003352	-0.200810	-27.415127	
0.28167	-43.873381	-54.191052	-1.120768
-0.003352	-0.371187	-57.803968	
0.42250	-43.873381	-54.191052	-1.120768
-0.003352	-1.024869	-98.136331	
0.56334	-43.873381	-54.191052	-1.120768
-0.003352	-1.685437	-144.055431	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.668608	114.819070	2.044616
0.002552	1.228499	56.452546	
0.14083	22.668608	114.819070	2.044616
0.002552	0.370704	40.318466	
0.28167	22.668608	114.819070	2.044616
0.002552	0.387637	45.791642	
0.42250	22.668608	114.819070	2.044616
0.002552	1.042280	62.075098	
0.56334	22.668608	114.819070	2.044616
0.002552	1.698943	81.613640	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.036731	-48.015556	-1.565786
-0.003036	-0.927311	-19.800039	
0.14083	-43.036731	-48.015556	-1.565786
-0.003036	-0.274380	-32.548194	
0.28167	-43.036731	-48.015556	-1.565786
-0.003036	-0.489888	-65.679415	
0.42250	-43.036731	-48.015556	-1.565786
-0.003036	-1.341773	-107.360198	
0.56334	-43.036731	-48.015556	-1.565786
-0.003036	-2.199474	-155.011594	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.735493	26.781489	1.147659
0.000932	0.678386	11.510039	
0.14083	3.735493	26.781489	1.147659
0.000932	0.196636	4.213105	
0.28167	3.735493	26.781489	1.147659
0.000932	0.246048	4.690696	
0.42250	3.735493	26.781489	1.147659
0.000932	0.654272	6.615733	
0.56334	3.735493	26.781489	1.147659
0.000932	1.062540	8.744294	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.934358	-5.807510	-0.973790
-0.000397	-0.162549	-8.176277	
0.14083	-15.934358	-5.807510	-0.973790
-0.000397	-0.070689	-11.504579	
0.28167	-15.934358	-5.807510	-0.973790
-0.000397	-0.281720	-15.449670	
0.42250	-15.934358	-5.807510	-0.973790
-0.000397	-0.763509	-26.021891	
0.56334	-15.934358	-5.807510	-0.973790
-0.000397	-1.245023	-37.078443	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.043629	70.255059	1.924422
0.001639	1.137849	15.240451	
0.14083	26.043629	70.255059	1.924422
0.001639	0.330827	3.520205	
0.28167	26.043629	70.255059	1.924422
0.001639	0.410982	4.205019	
0.42250	26.043629	70.255059	1.924422
0.001639	1.106054	7.029153	
0.56334	26.043629	70.255059	1.924422
0.001639	1.801561	10.151851	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.607134	-7.599761	-1.658700
-0.000598	-0.980470	-24.564224	
0.14083	-18.607134	-7.599761	-1.658700
-0.000598	-0.285404	-39.395320	
0.28167	-18.607134	-7.599761	-1.658700
-0.000598	-0.473426	-64.433956	
0.42250	-18.607134	-7.599761	-1.658700
-0.000598	-1.280717	-92.969837	
0.56334	-18.607134	-7.599761	-1.658700
-0.000598	-2.087884	-122.349501	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.015521	81.599683	2.331849
0.001367	1.387270	28.145656	
0.14083	15.015521	81.599683	2.331849
0.001367	0.409364	19.726417	
0.28167	15.015521	81.599683	2.331849
0.001367	0.470362	24.265947	
0.42250	15.015521	81.599683	2.331849
0.001367	1.265170	32.384170	
0.56334	15.015521	81.599683	2.331849
0.001367	2.060143	40.868547	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-30.688052	-20.878317	-1.895567
-0.000441	-1.118866	-17.151286	
0.14083	-30.688052	-20.878317	-1.895567
-0.000441	-0.324134	-35.458363	
0.28167	-30.688052	-20.878317	-1.895567
-0.000441	-0.563833	-63.854799	
0.42250	-30.688052	-20.878317	-1.895567
-0.000441	-1.542920	-96.908894	
0.56334	-30.688052	-20.878317	-1.895567
-0.000441	-2.521307	-130.839815	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.809427	118.054766	2.215242
0.002720	1.335689	66.195795	
0.14083	15.809427	118.054766	2.215242
0.002720	0.405848	43.500785	
0.28167	15.809427	118.054766	2.215242
0.002720	0.422064	41.109146	
0.42250	15.809427	118.054766	2.215242
0.002720	1.128695	52.228178	
0.56334	15.809427	118.054766	2.215242
0.002720	1.837642	66.786882	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-52.931044	-36.469474	-1.690566
-0.003038	-0.998269	-17.545991	
0.14083	-52.931044	-36.469474	-1.690566
-0.003038	-0.293082	-29.740684	
0.28167	-52.931044	-36.469474	-1.690566
-0.003038	-0.527349	-61.146687	
0.42250	-52.931044	-36.469474	-1.690566
-0.003038	-1.449432	-104.420485	
0.56334	-52.931044	-36.469474	-1.690566
-0.003038	-2.378767	-153.316348	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.034483	103.884815	1.560730
0.004388	0.932693	80.732124	
0.14083	26.034483	103.884815	1.560730
0.004388	0.280311	66.127530	
0.28167	26.034483	103.884815	1.560730
0.004388	0.312022	60.069311	
0.42250	26.034483	103.884815	1.560730
0.004388	0.835073	78.677480	
0.56334	26.034483	103.884815	1.560730
0.004388	1.358152	102.822555	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.854332	-61.226369	-1.247661
-0.006417	-0.734291	-23.691615	
0.14083	-40.854332	-61.226369	-1.247661
-0.006417	-0.211549	-35.112972	
0.28167	-40.854332	-61.226369	-1.247661
-0.006417	-0.377365	-53.282510	
0.42250	-40.854332	-61.226369	-1.247661
-0.006417	-1.030706	-82.981690	
0.56334	-40.854332	-61.226369	-1.247661
-0.006417	-1.685038	-124.971744	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.848468	118.054766	2.331849
0.004039	1.387270	86.728387	
0.14083	40.848468	118.054766	2.331849
0.004039	0.408364	69.129932	
0.28167	40.848468	118.054766	2.331849
0.004039	0.470362	71.755356	
0.42250	40.848468	118.054766	2.331849
0.004039	1.265170	98.659782	
0.56334	40.848468	118.054766	2.331849
0.004039	2.060143	133.245454	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-52.931044	-85.519651	-1.895567
-0.006859	-1.118866	-30.096549	
0.14083	-52.931044	-85.519651	-1.895567
-0.006859	-0.324134	-39.395320	
0.28167	-52.931044	-85.519651	-1.895567
-0.006859	-0.563833	-66.921460	
0.42250	-52.931044	-85.519651	-1.895567
-0.006859	-1.542920	-107.360198	
0.56334	-52.931044	-85.519651	-1.895567
-0.006859	-2.521307	-155.011594	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.848468	118.054766	2.331849
0.004388	1.387270	86.728387	
0.14083	40.848468	118.054766	2.331849
0.004388	0.408364	69.129932	
0.28167	40.848468	118.054766	2.331849
0.004388	0.470362	71.755356	
0.42250	40.848468	118.054766	2.331849
0.004388	1.265170	98.659782	
0.56334	40.848468	118.054766	2.331849
0.004388	2.060143	133.245454	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-52.931044	-85.519651	-1.895567
-0.006859	-1.118866	-30.096549	
0.14083	-52.931044	-85.519651	-1.895567
-0.006859	-0.324134	-39.395320	
0.28167	-52.931044	-85.519651	-1.895567
-0.006859	-0.563833	-66.921460	
0.42250	-52.931044	-85.519651	-1.895567
-0.006859	-1.542920	-107.360198	
0.56334	-52.931044	-85.519651	-1.895567
-0.006859	-2.521307	-155.011594	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.848468	118.054766	2.331849
0.004388	1.387270	86.728387	
0.14083	40.848468	118.054766	2.331849
0.004388	0.408364	69.129932	
0.28167	40.848468	118.054766	2.331849
0.004388	0.470362	71.755356	
0.42250	40.848468	118.054766	2.331849
0.004388	1.265170	98.659782	
0.56334	40.848468	118.054766	2.331849
0.004388	2.060143	133.245454	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-52.931044	-85.519651	-1.895567
-0.006859	-1.118866	-30.096549	
0.14083	-52.931044	-85.519651	-1.895567
-0.006859	-0.324134	-39.395320	
0.28167	-52.931044	-85.519651	-1.895567
-0.006859	-0.563833	-66.921460	
0.42250	-52.931044	-85.519651	-1.895567
-0.006859	-1.542920	-107.360198	
0.56334	-52.931044	-85.519651	-1.895567
-0.006859	-2.521307	-155.011594	

ELEM 232 ========== LENGTH = 2.977323

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	18.831105	2.691787	0.355957
0.000948	0.360748	5.399291	
0.57748	18.831105	2.691787	0.355957
0.000948	0.219546	4.274042	
0.71832	18.831105	2.691787	0.355957
0.000948	0.070455	3.158152	
0.85916	18.831105	2.691787	0.355957
0.000948	0.079026	2.077140	
1.00000	18.831105	2.691787	0.355957
0.000948	0.228475	1.184921	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-2.567394	-36.222733	-0.356408
-0.000949	-0.369329	-68.513177	
0.57748	-2.567394	-36.222733	-0.356408
-0.000949	-0.219893	-53.324060	
0.71832	-2.567394	-36.222733	-0.356408
-0.000949	-0.070630	-38.198202	
0.85916	-2.567394	-36.222733	-0.356408
-0.000949	-0.079039	-23.109888	
1.00000	-2.567394	-36.222733	-0.356408
-0.000949	-0.228298	-8.253494	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	18.426748	25.393799	0.505344
0.004767	0.521822	41.115344	
0.57748	18.426748	25.393799	0.505344
0.004767	0.312248	30.506564	
0.71832	18.426748	25.393799	0.505344
0.004767	0.103237	23.031437	

REL DIST	P	V2	V3
T	M2	M3	
0.85916	18.426748	25.393799	0.505344
0.004767	0.124226	39.074745	
1.00000	18.426748	25.393799	0.505344
0.004767	0.336549	58.276978	

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-34.556724	-93.890147		-0.507185
-0.004772	-0.524375	-111.425752		
0.57748	-34.556724	-93.890147		-0.507185
-0.004772	-0.313780	-72.242376		
0.71832	-34.556724	-93.890147		-0.507185
-0.004772	-0.103512	-41.992065		
0.85916	-34.556724	-93.890147		-0.507185
-0.004772	-0.123631	-23.837225		
1.00000	-34.556724	-93.890147		-0.507185
-0.004772	-0.335210	-14.252152		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	16.526413	38.044799		0.882190
0.003805	0.920808	66.020286		
0.57748	16.526413	38.044799		0.882190
0.003805	0.552478	50.067636		
0.71832	16.526413	38.044799		0.882190
0.003805	0.184516	36.209629		
0.85916	16.526413	38.044799		0.882190
0.003805	0.196453	38.287592		
1.00000	16.526413	38.044799		0.882190
0.003805	0.567448	41.382119		

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-27.029169	-68.493630		-0.885358
-0.003810	-0.924512	-87.843836		
0.57748	-27.029169	-68.493630		-0.885358
-0.003810	-0.554067	-59.250495		
0.71832	-27.029169	-68.493630		-0.885358
-0.003810	-0.185071	-36.347428		
0.85916	-27.029169	-68.493630		-0.885358
-0.003810	-0.195596	-21.603961		
1.00000	-27.029169	-68.493630		-0.885358
-0.003810	-0.565307	-11.431436		

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	31.517675	49.435215		1.229266
0.003487	1.284422	81.053326		
0.57748	31.517675	49.435215		1.229266
0.003487	0.770276	60.555465		
0.71832	31.517675	49.435215		1.229266
0.003487	0.256429	42.306008		
0.85916	31.517675	49.435215		1.229266
0.003487	0.268521	38.252457		
1.00000	31.517675	49.435215		1.229266
0.003487	0.785567	35.821754		

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-25.729727	-58.137376		-1.233521
-0.003491	-1.289200	-75.500132		
0.57748	-25.729722	-58.137376		-1.233521
-0.003491	-0.773118	-51.228053		
0.71832	-25.729722	-58.137376		-1.233521
-0.003491	-0.257236	-31.677819		
0.85916	-25.729722	-58.137376		-1.233521
-0.003491	-0.319302	-19.013902		
1.00000	-25.729722	-58.137376		-1.233521
-0.003491	-0.782777	-17.447405		

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	0.156317	25.653064		0.271876
0.003284	0.283841	44.168240		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2560

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P M2	V2 M3	V3
0.57748	0.156317	25.653064		0.271876
0.003284	0.171787	33.441736		
0.71832	0.156317	25.653064		0.271876
0.003284	0.060275	25.337871		
0.85916	0.156317	25.653064		0.271876
0.003284	0.066675	36.920663		
1.00000	0.156317	25.653064		0.271876
0.003284	0.181306	52.328219		

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-36.660239	-52.143853		-0.273785
-0.003285	-0.286260	-38.809423		
0.57748	-36.660239	-52.143853		-0.273785
-0.003285	-0.173197	-17.922938		
0.71832	-36.660239	-52.143853		-0.273785
-0.003285	-0.060398	-4.031206		
0.85916	-36.660239	-52.143853		-0.273785
-0.003285	-0.066016	-0.160109		
1.00000	-36.660239	-52.143853		-0.273785
-0.003285	-0.179867	-5.254948		

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	14.192968	52.590591		0.817073
0.003425	0.856741	84.297526		
0.57748	14.192968	52.590591		0.817073
0.003425	0.515941	62.476799		
0.71832	14.192968	52.590591		0.817073
0.003425	0.175599	43.705143		
0.85916	14.192968	52.590591		0.817073
0.003425	0.179314	44.383688		
1.00000	14.192968	52.590591		0.817073
0.003425	0.523341	46.890788		

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-29.861898	-39.200018		-0.820632
-0.003425	-0.860833	-27.159724		
0.57748	-29.861898	-39.200018		-0.820632
-0.003425	-0.518334	-18.095672		
0.71832	-29.861898	-39.200018		-0.820632
-0.003425	-0.176154	-1.060758		
0.85916	-29.861898	-39.200018		-0.820632
-0.003425	-0.178336	-1.169278		
1.00000	-29.861898	-39.200018		-0.820632
-0.003425	-0.520946	-11.163089		

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	19.734887	58.099607		0.926346
0.003099	0.969839	102.283477		
0.57748	19.734887	58.099607		0.926346
0.003099	0.581863	78.227251		
0.71832	19.734887	58.099607		0.926346
0.003099	0.195087	56.457419		
0.85916	19.734887	58.099607		0.926346
0.003099	0.202680	48.694950		
1.00000	19.734887	58.099607		0.926346
0.003099	0.592684	42.363531		

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-41.117756	-47.718182		-0.930269
-0.003100	-0.973184	-54.756734		
0.57748	-41.117756	-47.718182		-0.930269
-0.003100	-0.584335	-34.907519		
0.71832	-41.117756	-47.718182		-0.930269
-0.003100	-0.195700	-19.705009		
0.85916	-41.117756	-47.718182		-0.930269
-0.003100	-0.201631	-11.735064		
1.00000	-41.117756	-47.718182		-0.930269
-0.003100	-0.590058	-12.146121		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2561

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	21.343354	58.075242		1.292002
0.002920	1.350853	103.798402		
0.57748	21.343354	58.075242		1.292002
0.002920	0.810227	79.703928		
0.71832	21.343354	58.075242		1.292002
0.002920	0.269843	57.437969		
0.85916	21.343354	58.075242		1.292002
0.002920	0.280135	46.760758		
1.00000	21.343354	58.075242		1.292002
0.002920	0.823993	37.407103		

COMB DB-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-38.748829	-41.263505		-1.297144
-0.002921	-1.356347	-48.630567		
0.57748	-38.748829	-41.263505		-1.297144
-0.002921	-0.811046	-31.425179		
0.71832	-38.748829	-41.263505		-1.297144
-0.002921	-0.270729	-18.111694		
0.85916	-38.748829	-41.263505		-1.297144
-0.002921	-0.278834	-10.761788		
1.00000	-38.748829	-41.263505		-1.297144
-0.002921	-0.820607	-12.331019		

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	2.664809	13.253637		0.807956
0.000519	0.843714	25.686018		
0.57748	2.664809	13.253637		0.807956
0.000519	0.504915	20.146967		
0.71832	2.664809	13.253637		0.807956
0.000519	0.166118	14.617456		
0.85916	2.664809	13.253637		0.807956
0.000519	0.173410	9.269731		
1.00000	2.664809	13.253637		0.807956
0.000519	0.513512	3.992142		

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-8.853214	-2.561066		-0.811060
-0.000520	-0.846908	-4.890673		
0.57748	-8.853214	-2.561066		-0.811060
-0.000520	-0.506808	-3.837666		
0.71832	-8.853214	-2.561066		-0.811060
-0.000520	-0.166707	-2.793674		
0.85916	-8.853214	-2.561066		-0.811060
-0.000520	-0.172696	-1.827661		
1.00000	-8.853214	-2.561066		-0.811060
-0.000520	-0.511500	-1.196555		

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	28.391197	41.887860		1.340865
0.001001	1.402231	64.185537		
0.57748	28.391197	41.887860		1.340865
0.001001	0.840060	46.988126		
0.71832	28.391197	41.887860		1.340865
0.001001	0.277898	30.967588		
0.85916	28.391197	41.887860		1.340865
0.001001	0.285886	18.216904		
1.00000	28.391197	41.887860		1.340865
0.001001	0.850137	6.819523		

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-12.155122	-5.040927		-1.345594
-0.001002	-1.407179	-7.949912		
0.57748	-12.155122	-5.040927		-1.345594
-0.001002	-0.842997	-5.841675		
0.71832	-12.155122	-5.040927		-1.345594
-0.001002	-0.278832	-4.002772		
0.85916	-12.155122	-5.040927		-1.345594
-0.001002	-0.284859	-3.729850		
1.00000	-12.155122	-5.040927		-1.345594
-0.001002	-0.847129	-12.824152		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2562

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	13.518165	48.023862		1.526161
0.001238	1.599664	83.845243		
0.57748	13.518165	48.023862		1.526161
0.001238	0.959816	63.909099		
0.71832	13.518165	48.023862		1.526161
0.001238	0.319990	44.687081		
0.85916	13.518165	48.023862		1.526161
0.001238	0.322064	27.594956		
1.00000	13.518165	48.023862		1.526161
0.001238	0.964507	11.425194		

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-20.266557	-5.989916		-1.531990
-0.001239	-1.605637	-8.137668		
0.57748	-20.266557	-5.989916		-1.531990
-0.001239	-0.963344	-5.634694		
0.71832	-20.266557	-5.989916		-1.531990
-0.001239	-0.321095	-3.583251		
0.85916	-20.266557	-5.989916		-1.531990
-0.001239	-0.320719	-2.748616		
1.00000	-20.266557	-5.989916		-1.531990
-0.001239	-0.960739	-6.358357		

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	13.658367	64.277619		1.384881
0.003122	1.447854	116.250874		
0.57748	13.658367	64.277619		1.384881
0.003122	0.868407	89.464189		
0.71832	13.658367	64.277619		1.384881
0.003122	0.288960	64.815994		
0.85916	13.658367	64.277619		1.384881
0.003122	0.300870	53.788592		
1.00000	13.658367	64.277619		1.384881
0.003122	0.884000	44.114955		

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-45.925959	-38.173827		-1.390766
-0.003122	-1.454163	-37.933037		
0.57748	-45.925959	-38.173827		-1.390766
-0.003122	-0.872106	-22.075161		
0.71832	-45.925959	-38.173827		-1.390766
-0.003122	-0.290265	-10.793420		
0.85916	-45.925959	-38.173827		-1.390766
-0.003122	-0.299358	-6.497506		
1.00000	-45.925959	-38.173827		-1.390766
-0.003122	-0.880080	-9.447532		

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	45.279425	5.715930		0.473650
0.000989	0.491093	11.394461		
0.57748	45.279425	5.715930		0.473650
0.000989	0.092385	9.006403		
0.71832	45.279425	5.715930		0.473650
0.000989	0.092800	6.629811		
0.85916	45.279425	5.715930		0.473650
0.000989	0.099756	4.300884		
1.00000	45.279425	5.715930		0.473650
0.000989	0.286730	2.110587		

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-4.704672	-78.153567		-0.445632
-0.001042	-0.460880	-150.563245		
0.57748	-4.704672	-78.153567		-0.445632
-0.001042	-0.274120	-117.798770		
0.71832	-4.704672	-78.153567		-0.445632
-0.001042	-0.087000	-85.050132		
0.85916	-4.704672	-78.153567		-0.445632
-0.001042	-0.103860	-52.334534		
1.00000	-4.704672	-78.153567		-0.445632
-0.001042	-0.320688	-19.855169		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2563

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	41.415760	29.069033		0.753635
0.004320	0.773723	51.569848		
0.57748	41.415760	29.069033		0.753635
0.004320	0.461422	40.164565		
0.71832	41.415760	29.069033		0.753635
0.004320	0.151526	34.109960		
0.85916	41.415760	29.069033		0.753635
0.004320	0.164347	52.358447		
1.00000	41.415760	29.069033		0.753635
0.004320	0.454388	73.447536		

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-46.262215	-145.585032		-0.691184
-0.004374	-0.709208	-196.983111		
0.57748	-46.262215	-145.585032		-0.691184
-0.004374	-0.423311	-136.550538		
0.71832	-46.262215	-145.585032		-0.691184
-0.004374	-0.141034	-86.856166		
0.85916	-46.262215	-145.585032		-0.691184
-0.004374	-0.176526	-51.440721		
1.00000	-46.262215	-145.585032		-0.691184
-0.004374	-0.493097	-24.253936		

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	38.779426	61.455326		1.375914
0.003551	1.432800	110.399362		
0.57748	38.779426	61.455326		1.375914
0.003551	0.858235	85.150210		
0.71832	38.779426	61.455326		1.375914
0.003551	0.284870	63.649070		
0.85916	38.779426	61.455326		1.375914
0.003551	0.280597	59.258304		
1.00000	38.779426	61.455326		1.375914
0.003551	0.819314	56.396234		

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-41.602974	-115.791977		-1.284311
-0.003600	-1.337859	-165.646877		
0.57748	-41.602942	-115.791977		-1.284311
-0.003600	-0.802089	-117.493328		
0.71832	-41.602942	-115.791977		-1.284311
-0.003600	-0.268663	-76.916105		
0.85916	-41.602942	-115.791977		-1.284311
-0.003600	-0.269274	-46.378527		
1.00000	-41.602942	-115.791977		-1.284311
-0.003600	-0.875747	-21.272887		

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	50.380698	87.293343		1.867558
0.003248	1.948685	148.408766		
0.57748	50.380698	87.293343		1.867558
0.003248	1.167417	112.252037		
0.71832	50.380698	87.293343		1.867558
0.003248	0.386872	79.223830		
0.85916	50.380698	87.293343		1.867558
0.003248	0.380421	61.482116		
1.00000	50.380698	87.293343		1.867558
0.003248	1.119527	49.138211		

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-39.697117	-98.767989		-1.762452
-0.003289	-1.839184	-142.847312		
0.57748	-39.697117	-98.767989		-1.762452
-0.003289	-1.102470	-101.761580		
0.71832	-39.697117	-98.767989		-1.762452
-0.003289	-0.367657	-66.969456		
0.85916	-39.697117	-98.767989		-1.762452
-0.003289	-0.399590	-40.907049		
1.00000	-39.697117	-98.767989		-1.762452
-0.003289	-1.184025	-25.732007		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2564

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	0.113717	28.397742		0.474806
0.002422	0.493044	54.778753		
0.57748	0.113717	28.397742		0.474806
0.002422	0.296558	43.511043		
0.71832	0.113717	28.397742		0.474806
0.002422	0.101989	36.083937		
0.85916	0.113717	28.397742		0.474806
0.002422	0.094348	45.924261		
1.00000	0.113717	28.397742		0.474806
0.002422	0.278337	59.169116		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-49.362750	-54.181178		-0.433532
-0.002422	-0.451608	-41.374206		
0.57748	-49.362750	-54.181178		-0.433532
-0.002422	-0.272515	-19.177119		
0.71832	-49.362750	-54.181178		-0.433532
-0.002422	-0.095957	-4.562892		
0.85916	-49.362750	-54.181178		-0.433532
-0.002422	0.105995	-0.182163		
1.00000	-49.362750	-54.181178		-0.433532
-0.002422	-0.305276	-4.406830		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	14.380927	81.568835		1.322811
0.002619	1.384441	139.268938		
0.57748	14.380927	81.568835		1.322811
0.002619	0.831878	105.564004		
0.71832	14.380927	81.568835		1.322811
0.002619	0.281165	75.392491		
0.85916	14.380927	81.568835		1.322811
0.002619	0.264569	62.804440		
1.00000	14.380927	81.568835		1.322811
0.002619	0.786639	54.570778		

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-42.075159	-42.130431		-1.245115
-0.002620	-1.304474	-29.181231		
0.57748	-42.075159	-42.130431		-1.245115
-0.002620	-0.784821	-11.900030		
0.71832	-42.075159	-42.130431		-1.245115
-0.002620	-0.267655	-1.761430		
0.85916	-42.075159	-42.130431		-1.245115
-0.002620	-0.279620	-1.538785		
1.00000	-42.075159	-42.130431		-1.245115
-0.002620	-0.835501	-10.524053		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	25.455716	87.382685		1.445131
0.002394	1.510423	156.838279		
0.57748	25.455716	87.382685		1.445131
0.002394	0.904441	120.552675		
0.71832	25.455716	87.382685		1.445131
0.002394	0.301555	86.606687		
0.85916	25.455716	87.382685		1.445131
0.002394	0.287914	64.547894		
1.00000	25.455716	87.382685		1.445131
0.002394	0.853456	46.630299		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-51.978260	-66.354908		-1.348679
-0.002394	-1.410594	-88.391121		
0.57748	-51.978260	-66.354908		-1.348679
-0.002394	-0.846772	-60.863808		
0.71832	-51.978260	-66.354908		-1.348679
-0.002394	-0.284537	-38.017981		
0.85916	-51.978260	-66.354908		-1.348679
-0.002394	-0.306822	-21.927240		
1.00000	-51.978260	-66.354908		-1.348679
-0.002394	-0.913944	-13.824675		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2565

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	27.245935	96.136727		1.983967
0.002318	2.073543	172.429207		
0.57748	27.245935	96.136727		1.983967
0.002318	1.242312	132.435245		
0.71832	27.245935	96.136727		1.983967
0.002318	0.411638	94.401078		
0.85916	27.245935	96.136727		1.983967
0.002318	0.398799	66.100795		
1.00000	27.245935	96.136727		1.983967
0.002318	1.183514	42.398564		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-50.952645	-58.253333		-1.870979
-0.002319	-1.956367	-79.641695		
0.57748	-50.952645	-58.253333		-1.870979
-0.002319	-1.173358	-55.468804		
0.71832	-50.952645	-58.253333		-1.870979
-0.002319	-0.391469	-35.211466		
0.85916	-50.952645	-58.253333		-1.870979
-0.002319	-0.420509	-20.515042		
1.00000	-50.952645	-58.253333		-1.870979
-0.002319	-1.254002	-14.246253		

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	4.539181	26.078884		1.220844
0.000506	1.275035	51.366161		
0.57748	4.539181	26.078884		1.220844
0.000506	0.762886	40.439940		
0.71832	4.539181	26.078884		1.220844
0.000506	0.250170	29.527400		
0.85916	4.539181	26.078884		1.220844
0.000506	0.248924	18.819632		
1.00000	4.539181	26.078884		1.220844
0.000506	0.738882	8.564116		

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-19.153055	-6.303310		-1.168096
-0.000506	-1.220473	-11.154027		
0.57748	-19.153055	-6.303310		-1.168096
-0.000506	-0.730741	-8.656130		
0.71832	-19.153055	-6.303310		-1.168096
-0.000506	-0.240802	-6.176181		
0.85916	-19.153055	-6.303310		-1.168096
-0.000506	-0.252371	-3.697608		
1.00000	-19.153055	-6.303310		-1.168096
-0.000506	-0.771920	-2.031627		

COMB DL-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43663	31.651471	80.473260		2.028241
0.000897	2.121683	132.406442		
0.57748	31.651471	80.473260		2.028241
0.000897	1.270831	98.678160		
0.71832	31.651471	80.473260		2.028241
0.000897	0.419207	65.083409		
0.85916	31.651471	80.473260		2.028241
0.000897	0.411981	34.938318		
1.00000	31.651471	80.473260		2.028241
0.000897	1.226925	10.965305		

COMB DL-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43663	-22.059348	-8.617178		-1.943080
-0.000897	-2.032508	-15.507096		
0.57748	-22.059348	-8.617178		-1.943080
-0.000897	-1.217919	-11.905585		
0.71832	-22.059348	-8.617178		-1.943080
-0.000897	-0.403233	-8.525502		
0.85916	-22.059348	-8.617178		-1.943080
-0.000897	-0.427985	-6.366920		
1.00000	-22.059348	-8.617178		-1.943080
-0.000897	-1.279287	-14.087215		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2566

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 18.177603 91.198038 2.354148
0.000953 2.467562 163.626552
0.57748 18.177603 91.198038 2.354148
0.000953 1.479751 125.396419
0.71832 18.177603 91.198038 2.354148
0.000953 0.490614 87.185759
0.85916 18.177603 91.198038 2.354148
0.000953 0.468905 50.536686
1.00000 18.177603 91.198038 2.354148
0.000953 1.409566 17.338284

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -37.812131 -8.468777 -2.241947
-0.000953 -2.351149 -15.191761
0.57748 -37.812131 -8.468777 -2.241947
-0.000953 -1.411237 -11.652776
0.71832 -37.812131 -8.468777 -2.241947
-0.000953 -0.470697 -8.128751
0.85916 -37.812131 -8.468777 -2.241947
-0.000953 -0.490353 -5.194684
1.00000 -37.812131 -8.468777 -2.241947
-0.000953 -1.478956 -8.079264

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 19.027320 99.213409 2.147668
0.002314 2.245204 182.129742
0.57748 19.027320 99.213409 2.147668
0.002314 1.345495 140.858453
0.71832 19.027320 99.213409 2.147668
0.002314 0.446092 101.726532
0.85916 19.027320 99.213409 2.147668
0.002314 0.431172 73.505702
1.00000 19.027320 99.213409 2.147668
0.002314 1.282001 49.369737

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -62.940592 -47.219468 -2.028343
-0.002315 -2.122119 -55.763504
0.57748 -62.940592 -47.219468 -2.028343
-0.002315 -1.273352 -36.240742
0.71832 -62.940592 -47.219468 -2.028343
-0.002315 -0.425551 -21.005764
0.85916 -62.940592 -47.219468 -2.028343
-0.002315 -0.454987 -11.976854
1.00000 -62.940592 -47.219468 -2.028343
-0.002315 -1.356633 -10.843619

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 31.517675 64.277619 1.526161
0.004767 1.599664 116.250874
0.57748 31.517675 64.277619 1.526161
0.004767 0.959816 89.464189
0.71832 31.517675 64.277619 1.526161
0.004767 0.319990 64.815994
0.85916 31.517675 64.277619 1.526161
0.004767 0.322064 53.788592
1.00000 31.517675 64.277619 1.526161
0.004767 0.964507 58.276978

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -45.925959 -93.890147 -1.531990
-0.004772 -1.605637 -111.425752
0.57748 -45.925959 -93.890147 -1.531990
-0.004772 -0.963344 -72.242376
0.71832 -45.925959 -93.890147 -1.531990
-0.004772 -0.321095 -41.992065
0.85916 -45.925959 -93.890147 -1.531990
-0.004772 -0.320719 -23.837225
1.00000 -45.925959 -93.890147 -1.531990
-0.004772 -0.960739 -17.447405
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2567

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 50.380698 99.213409 2.354148
0.004320 2.467562 182.129742
0.57748 50.380698 99.213409 2.354148
0.004320 1.479751 140.858453
0.71832 50.380698 99.213409 2.354148
0.004320 0.490614 101.726532
0.85916 50.380698 99.213409 2.354148
0.004320 0.468905 73.505702
1.00000 50.380698 99.213409 2.354148
0.004320 1.409566 73.447536

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -62.940592 -145.585032 -2.241947
-0.004374 -2.351149 -196.983111
0.57748 -62.940592 -145.585032 -2.241947
-0.004374 -1.411237 -136.550538
0.71832 -62.940592 -145.585032 -2.241947
-0.004374 -0.470697 -86.856166
0.85916 -62.940592 -145.585032 -2.241947
-0.004374 -0.490353 -52.334534
1.00000 -62.940592 -145.585032 -2.241947
-0.004374 -1.478956 -25.732007

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 50.380698 99.213409 2.354148
0.004767 2.467562 182.129742
0.57748 50.380698 99.213409 2.354148
0.004767 1.479751 140.858453
0.71832 50.380698 99.213409 2.354148
0.004767 0.490614 101.726532
0.85916 50.380698 99.213409 2.354148
0.004767 0.468905 73.505702
1.00000 50.380698 99.213409 2.354148
0.004767 1.409566 73.447536

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -62.940592 -145.585032 -2.241947
-0.004772 -2.351149 -196.983111
0.57748 -62.940592 -145.585032 -2.241947
-0.004772 -1.411237 -136.550538
0.71832 -62.940592 -145.585032 -2.241947
-0.004772 -0.470697 -86.856166
0.85916 -62.940592 -145.585032 -2.241947
-0.004772 -0.490353 -52.334534
1.00000 -62.940592 -145.585032 -2.241947
-0.004772 -1.478956 -25.732007

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 50.380698 99.213409 2.354148
0.004767 2.467562 182.129742
0.57748 50.380698 99.213409 2.354148
0.004767 1.479751 140.858453
0.71832 50.380698 99.213409 2.354148
0.004767 0.490614 101.726532
0.85916 50.380698 99.213409 2.354148
0.004767 0.468905 73.505702
1.00000 50.380698 99.213409 2.354148
0.004767 1.409566 73.447536

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -62.940592 -145.585032 -2.241947
-0.004772 -2.351149 -196.983111
0.57748 -62.940592 -145.585032 -2.241947
-0.004772 -1.411237 -136.550538
0.71832 -62.940592 -145.585032 -2.241947
-0.004772 -0.470697 -86.856166
0.85916 -62.940592 -145.585032 -2.241947
-0.004772 -0.490353 -52.334534
1.00000 -62.940592 -145.585032 -2.241947
-0.004772 -1.478956 -25.732007
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2568

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 233 ========== LENGTH = 2.977383

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.806993 2.742902 0.337752
0.000861 0.208575 1.181976
0.14084 18.806993 2.742902 0.337752
0.000861 0.066944 7.352799
0.28169 18.806993 2.742902 0.337752
0.000861 0.075188 22.443743
0.42253 18.806993 2.742902 0.337752
0.000861 0.216945 37.560934
0.56337 18.806993 2.742902 0.337752
0.000861 0.359022 52.680867

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.567621 -36.056406 -0.338814
-0.000868 -0.209328 -8.243466
0.14084 -2.567621 -36.056406 -0.338814
-0.000868 -0.067263 -0.352542
0.28169 -2.567621 -36.056406 -0.338814
-0.000868 -0.075016 -7.447110
0.42253 -2.567621 -36.056406 -0.338814
-0.000868 -0.216360 -2.543758
0.56337 -2.567621 -36.056406 -0.338814
-0.000868 -0.358004 -3.689470

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.394320 61.883918 0.508504
0.004659 0.332013 58.275092
0.14084 18.394320 61.883918 0.508504
0.004659 0.118858 45.030313
0.28169 18.394320 61.883918 0.508504
0.004659 0.109573 41.118408
0.42253 18.394320 61.883918 0.508504
0.004659 0.322868 61.713128
0.56337 18.394320 61.883918 0.508504
0.004659 0.536415 84.862259

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -40.230866 -55.577099 -0.509165
-0.004658 -0.332261 -14.289419
0.14084 -40.230866 -55.577099 -0.509165
-0.004658 -0.118830 -2.685366
0.28169 -40.230866 -55.577099 -0.509165
-0.004658 -0.109354 -2.991781
0.42253 -40.230866 -55.577099 -0.509165
-0.004658 -0.321477 -22.954703
0.56337 -40.230866 -55.577099 -0.509165
-0.004658 -0.534158 -48.083404

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.496377 63.307551 0.902382
0.003377 0.575629 41.399572
0.14084 16.496377 63.307551 0.902382
0.003377 0.197269 28.354119
0.28169 16.496377 63.307551 0.902382
0.003377 0.191791 27.623247
0.42253 16.496377 63.307551 0.902382
0.003377 0.576819 43.660990
0.56337 16.496377 63.307551 0.902382
0.003377 0.949912 61.317686

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -30.943002 -42.504250 -0.904074
-0.003376 -0.576558 -11.453656
0.14084 -30.943002 -42.504250 -0.904074
-0.003376 -0.197492 -6.874873
0.28169 -30.943002 -42.504250 -0.904074
-0.003376 -0.191387 -16.318108
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2569

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42253 -30.943002 -42.504250 -0.904074
-0.003376 -0.566992 -28.851682
0.56337 -30.943002 -42.504250 -0.904074
-0.003376 -0.947012 -64.858322

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.502601 70.272803 1.230680
0.003217 0.777805 35.832333
0.14084 31.502601 70.272803 1.230680
0.003217 0.261772 23.666140
0.28169 31.502601 70.272803 1.230680
0.003217 0.263477 23.606616
0.42253 31.502601 70.272803 1.230680
0.003217 0.780743 37.418516
0.56337 31.502601 70.272803 1.230680
0.003217 1.298084 52.674430

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.996136 -36.591509 -1.233730
-0.003216 -0.779633 -17.467629
0.14084 -28.996136 -36.591509 -1.233730
-0.003216 -0.262315 -20.778471
0.28169 -28.996136 -36.591509 -1.233730
-0.003216 -0.262805 -35.722790
0.42253 -28.996136 -36.591509 -1.233730
-0.003216 -0.778222 -61.529250
0.56337 -28.996136 -36.591509 -1.233730
-0.003216 -1.293988 -90.217615

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.155728 56.468134 0.305228
0.003030 0.206901 52.331400
0.14084 0.155728 56.468134 0.305228
0.003030 0.078905 37.085156
0.28169 0.155728 56.468134 0.305228
0.003030 0.061653 22.719078
0.42253 0.155728 56.468134 0.305228
0.003030 0.189399 28.809594
0.56337 0.155728 56.468134 0.305228
0.003030 0.317335 37.038046

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -41.434655 -19.935518 -0.305047
-0.003029 -0.206558 -5.297430
0.14084 -41.434655 -19.935518 -0.305047
-0.003029 -0.078642 -2.101704
0.28169 -41.434655 -19.935518 -0.305047
-0.003029 -0.061526 -4.236533
0.42253 -41.434655 -19.935518 -0.305047
-0.003029 -0.188588 -22.902879
0.56337 -41.434655 -19.935518 -0.305047
-0.003029 -0.316107 -45.861770

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.201563 81.299748 0.853908
0.003012 0.550055 46.905555
0.14084 14.201563 81.299748 0.853908
0.003012 0.191925 23.644012
0.28169 14.201563 81.299748 0.853908
0.003012 0.178181 6.561964
0.42253 14.201563 81.299748 0.853908
0.003012 0.536788 8.526812
0.56337 14.201563 81.299748 0.853908
0.003012 0.895508 12.482635

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -34.355383 -9.723932 -0.855501
-0.003012 -0.550875 -11.204820
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2570

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14084 -34.355383 -9.723932 -0.855501
-0.003012 -0.192095 -18.731706
0.28169 -34.355383 -9.723932 -0.855501
-0.003012 -0.177796 -33.244408
0.42253 -34.355383 -9.723932 -0.855501
-0.003012 -0.534903 -62.734859
0.56337 -34.355383 -9.723932 -0.855501
-0.003012 -0.892542 -96.199474

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 19.721274 79.103693 0.952058
0.002838 0.605729 42.380489
0.14084 19.721274 79.103693 0.952058
0.002838 0.206526 23.870993
0.28169 19.721274 79.103693 0.952058
0.002838 0.201886 19.526423
0.42253 19.721274 79.103693 0.952058
0.002838 0.601597 29.056057
0.56337 19.721274 79.103693 0.952058
0.002838 1.001487 40.058943

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -44.361996 -26.561319 -0.953654
-0.002838 -0.606514 -12.166847
0.14084 -44.361996 -26.561319 -0.953654
-0.002838 -0.206649 -16.781734
0.28169 -44.361996 -26.561319 -0.953654
-0.002838 -0.201423 -34.612336
0.42253 -44.361996 -26.561319 -0.953654
-0.002838 -0.599835 -64.226807
0.56337 -44.361996 -26.561319 -0.953654
-0.002838 -0.998707 -96.952154

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.333684 75.741394 1.289890
0.002796 0.813359 37.424508
0.14084 21.333684 75.741394 1.289890
0.002796 0.272432 19.914405
0.28169 21.333684 75.741394 1.289890
0.002796 0.276515 16.827986
0.42253 21.333684 75.741394 1.289890
0.002796 0.818537 25.363468
0.56337 21.333684 75.741394 1.289890
0.002796 1.360666 35.133285

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -41.484510 -23.567924 -1.292871
-0.002787 -0.815027 -12.348570
0.14084 -41.484510 -23.567924 -1.292871
-0.002787 -0.272850 -18.441633
0.28169 -41.484510 -23.567924 -1.292871
-0.002787 -0.275756 -35.546178
0.42253 -41.484510 -23.567924 -1.292871
-0.002787 -0.815976 -63.715240
0.56337 -41.484510 -23.567924 -1.292871
-0.002787 -1.356578 -94.993403

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.673873 13.391364 0.766076
0.000677 0.475481 3.996710
0.14084 2.673873 13.391364 0.766076
0.000677 0.154229 2.483114
0.28169 2.673873 13.391364 0.766076
0.000677 0.167629 3.492340
0.42253 2.673873 13.391364 0.766076
0.000677 0.489910 4.528918
0.56337 2.673873 13.391364 0.766076
0.000677 0.812191 5.568374
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2571

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.888047 -2.504740 -0.768533
-0.000677 -0.476948 -1.199079
0.14084 -8.888047 -2.504740 -0.768533
-0.000677 -0.154667 -2.271379
0.28169 -8.888047 -2.504740 -0.768533
-0.000677 -0.167038 -7.800074
0.42253 -8.888047 -2.504740 -0.768533
-0.000677 -0.488287 -13.395080
0.56337 -8.888047 -2.504740 -0.768533
-0.000677 -0.809537 -19.003824

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 28.402548 42.998198 1.292940
0.001221 0.805228 6.828977
0.14084 28.402548 42.998198 1.292940
0.001221 0.263025 1.355689
0.28169 28.402548 42.998198 1.292940
0.001221 0.280550 2.094057
0.42253 28.402548 42.998198 1.292940
0.001221 0.824516 3.632108
0.56337 28.402548 42.998198 1.292940
0.001221 1.368476 5.253368

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.389231 -3.877117 -1.297161
-0.001221 -0.807823 -12.828546
0.14084 -12.389231 -3.877117 -1.297161
-0.001221 -0.263865 -25.475787
0.28169 -12.389231 -3.877117 -1.297161
-0.001221 -0.279657 -42.338027
0.42253 -12.389231 -3.877117 -1.297161
-0.001221 -0.821782 -60.090190
0.56337 -12.389231 -3.877117 -1.297161
-0.001221 -1.363953 -78.038283

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.536021 50.370654 1.511050
0.001037 0.945165 11.443163
0.14084 13.536021 50.370654 1.511050
0.001037 0.311515 2.387207
0.28169 13.536021 50.370654 1.511050
0.001037 0.323887 2.712293
0.42253 13.536021 50.370654 1.511050
0.001037 0.959239 4.295664
0.56337 13.536021 50.370654 1.511050
0.001037 1.594715 6.010511

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -20.656234 -4.107724 -1.515283
-0.001037 -0.947694 -6.365491
0.14084 -20.656234 -4.107724 -1.515283
-0.001037 -0.312281 -17.565024
0.28169 -20.656234 -4.107724 -1.515283
-0.001037 -0.322959 -37.060209
0.42253 -20.656234 -4.107724 -1.515283
-0.001037 -0.956399 -57.528839
0.56337 -20.656234 -4.107724 -1.515283
-0.001037 -1.590071 -78.888216

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 13.661462 84.956811 1.375904
0.003070 0.867995 44.132658
0.14084 13.661462 84.956811 1.375904
0.003070 0.291079 21.087909
0.28169 13.661462 84.956811 1.375904
0.003070 0.295036 12.940787
0.42253 13.661462 84.956811 1.375904
0.003070 0.873245 18.601466
0.56337 13.661462 84.956811 1.375904
0.003070 1.451564 25.750539
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2572

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -49.132419 -17.363663 -1.379149
-0.003069 -0.869723 -9.474410
0.14084 -49.132419 -17.363663 -1.379149
-0.003069 -0.291471 -15.769882
0.28169 -49.132419 -17.363663 -1.379149
-0.003069 -0.294195 -35.786664
0.42253 -49.132419 -17.363663 -1.379149
-0.003069 -0.870447 -68.063559
0.56337 -49.132419 -17.363663 -1.379149
-0.003069 -1.447116 -103.237152

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 45.224397 5.761683 0.440483
0.000897 0.271722 2.103980
0.14084 45.224397 5.761683 0.440483
0.000897 0.085210 13.328736
0.28169 45.224397 5.761683 0.440483
0.000897 0.090827 45.906073
0.42253 45.224397 5.761683 0.440483
0.000897 0.870223 78.483737
0.56337 45.224397 5.761683 0.440483
0.000897 0.426720 111.212031

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.695062 -77.904472 -0.400343
-0.000947 -0.244904 -19.832264
0.14084 -4.695062 -77.904472 -0.400343
-0.000947 -0.076972 -0.768759
0.28169 -4.695062 -77.904472 -0.400343
-0.000947 -0.096624 -3.070992
0.42253 -4.695062 -77.904472 -0.400343
-0.000947 -0.282422 -5.458081
0.56337 -4.695062 -77.904472 -0.400343
-0.000947 -0.467258 -7.864371

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 41.333796 79.883626 0.738760
0.004362 0.476351 73.483634
0.14084 41.333796 79.883626 0.738760
0.004362 0.166256 59.416620
0.28169 41.333796 79.883626 0.738760
0.004362 0.146077 66.658944
0.42253 41.333796 79.883626 0.738760
0.004362 0.424722 101.457823
0.56337 41.333796 79.883626 0.738760
0.004362 0.706868 141.180482

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -53.398058 -95.833295 -0.678132
-0.004361 -0.439182 -24.277742
0.14084 -53.398058 -95.833295 -0.678132
-0.004361 -0.154680 -3.094329
0.28169 -53.398058 -95.833295 -0.678132
-0.004361 -0.156920 -5.605421
0.42253 -53.398058 -95.833295 -0.678132
-0.004361 -0.462038 -31.656839
0.56337 -53.398058 -95.833295 -0.678132
-0.004361 -0.769508 -64.704256

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 38.712124 98.456915 1.386555
0.003294 0.879071 56.444171
0.14084 38.712124 98.456915 1.386555
0.003294 0.296639 41.884591
0.28169 38.712124 98.456915 1.386555
0.003294 0.275049 52.498323
0.42253 38.712124 98.456915 1.386555
0.003294 0.814783 82.455094
0.56337 38.712124 98.456915 1.386555
0.003294 1.356737 115.876287
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2573

F R A M E E L E M E N T I N T E R N A L F O R C E S

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COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -46.785349  -80.408677   -1.296037
-0.003293   -0.823348  -21.288763
0.14084  -46.785349  -80.408677   -1.296037
-0.003293   -0.279317  -13.658336
0.28169  -46.785349  -80.408677   -1.296037
-0.003293   -0.291624  -33.343325
0.42253  -46.785349  -80.408677   -1.296037
-0.003293   -0.870775  -69.425396
0.56337  -46.785349  -80.408677   -1.296037
-0.003293   -1.450808  -110.436257

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   50.324579  118.006250    1.859546
 0.003123    1.171441   49.184767
0.14084   50.324579  118.006250    1.859546
 0.003123    0.390969   35.022155
0.28169   50.324579  118.006250    1.859546
 0.003123    0.378988   44.951850
0.42253   50.324579  118.006250    1.859546
 0.003123    1.105175   70.950452
0.56337   50.324579  118.006250    1.859546
 0.003123    1.838168   99.818009

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -44.033112  -69.442548   -1.751099
-0.003122   -1.104196  -25.747474
0.14084  -44.033112  -69.442548   -1.751099
-0.003122   -0.516397  -36.125840
0.28169  -44.033112  -69.442548   -1.751099
-0.003122   -0.393482  -63.611298
0.42253  -44.033112  -69.442548   -1.751099
-0.003122   -1.171735  -108.725408
0.56337  -44.033112  -69.442548   -1.751099
-0.003122   -1.950421  -157.921672

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000    0.111568   64.630886    0.513684
 0.002313    0.336907   59.209134
0.14084    0.111568   64.630886    0.513684
 0.002313    0.121048   39.225306
0.28169    0.111568   64.630886    0.513684
 0.002313    0.097411   23.809824
0.42253    0.111568   64.630886    0.513684
 0.002313    0.297731   26.124497
0.56337    0.111568   64.630886    0.513684
 0.002313    0.500551   35.943992

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -54.422892  -19.611259   -0.486975
-0.002312   -0.322020   -4.444684
0.14084  -54.422892  -19.611259   -0.486975
-0.002312   -0.117733   -1.973907
0.28169  -54.422892  -19.611259   -0.486975
-0.002312   -0.103575   -6.645754
0.42253  -54.422892  -19.611259   -0.486975
-0.002312   -0.315458   -28.061159
0.56337  -54.422892  -19.611259   -0.486975
-0.002312   -0.529308   -55.066677

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   14.394243  116.705346    1.374263
 0.002378    0.876003   54.632199
0.14084   14.394243  116.705346    1.374263
 0.002378    0.298537   26.078695
0.28169   14.394243  116.705346    1.374263
 0.002378    0.270788    8.227509
0.42253   14.394243  116.705346    1.374263
 0.002378    0.813869    8.575968
0.56337   14.394243  116.705346    1.374263
 0.002378    1.359639   12.175393
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2574

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -47.021128   -9.252965   -1.304252
-0.002378   -0.833329  -10.568422
0.14084  -47.021128   -9.252965   -1.304252
-0.002378   -0.286124   -7.295731
0.28169  -47.021128   -9.252965   -1.304252
-0.002378   -0.284514   -55.899874
0.42253  -47.021128   -9.252965   -1.304252
-0.002378   -0.858077   -99.956156
0.56337  -47.021128   -9.252965   -1.304252
-0.002378   -1.433103  -148.632232

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   25.416159  110.686323    1.474270
 0.002291    0.931323   46.677649
0.14084   25.416159  110.686323    1.474270
 0.002291    0.312997   30.384913
0.28169   25.416159  110.686323    1.474270
 0.002291    0.290869   34.090745
0.42253   25.416159  110.686323    1.474270
 0.002291    0.268741   38.030671
0.56337   25.416159  110.686323    1.474270
 0.002291    1.448864   68.543366

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -55.256166  -44.393386   -1.384837
-0.002328   -0.877724  -13.836221
0.14084  -55.256166  -44.393386   -1.384837
-0.002328   -0.297007  -24.672294
0.28169  -55.256166  -44.393386   -1.384837
-0.002328   -0.307807  -57.283006
0.42253  -55.256166  -44.393386   -1.384837
-0.002328   -0.925260  -100.365796
0.56337  -55.256166  -44.393386   -1.384837
-0.002328   -1.542906  -146.543867

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   27.224136  115.722181    1.977327
 0.002359    1.242068   42.445102
0.14084   27.224136  115.722181    1.977327
 0.002359    0.412158   25.431928
0.28169   27.224136  115.722181    1.977327
 0.002359    0.397682   29.662129
0.42253   27.224136  115.722181    1.977327
 0.002359    1.179982   44.294314
0.56337   27.224136  115.722181    1.977327
 0.002359    1.963316   60.784637

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -53.739206  -39.885476   -1.870133
-0.002355   -1.176564  -14.258855
0.14084  -53.739206  -39.885476   -1.870133
-0.002355   -0.392484  -28.902184
0.28169  -53.739206  -39.885476   -1.870133
-0.002355   -0.418084  -65.198219
0.42253  -53.739206  -39.885476   -1.870133
-0.002355   -1.246725  -110.557943
0.56337  -53.739206  -39.885476   -1.870133
-0.002355   -2.075517  -158.842935

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000    4.558951   26.329770    1.163127
 0.000685    0.721606    8.574468
0.14084    4.558951   26.329770    1.163127
 0.000685    0.233845    2.461009
0.28169    4.558951   26.329770    1.163127
 0.000685    0.242262    5.034704
0.42253    4.558951   26.329770    1.163127
 0.000685    0.709820    7.664976
0.56337    4.558951   26.329770    1.163127
 0.000685    1.177370   10.306433
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2575

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -19.218450   -6.319456   -1.114938
-0.000685   -0.692814   -2.037287
0.14084  -19.218450   -6.319456   -1.114938
-0.000685   -0.225092   -3.551812
0.28169  -19.218450   -6.319456   -1.114938
-0.000685   -0.251696  -14.488651
0.42253  -19.218450   -6.319456   -1.114938
-0.000685   -0.740032   -25.508477
0.56337  -19.218450   -6.319456   -1.114938
-0.000685   -1.228080   -36.541409

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   31.655050  81.872763    1.968435
 0.001129    1.225952   10.985741
0.14084   31.655050  81.872763    1.968435
 0.001129    0.400348    1.615720
0.28169   31.655050  81.872763    1.968435
 0.001129    0.405889    4.152755
0.42253   31.655050  81.872763    1.968435
 0.001129    1.194197    7.281475
0.56337   31.655050  81.872763    1.968435
 0.001129    1.982651   10.512252

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -22.310971   -7.721212   -1.880359
-0.001129   -1.171619  -14.096125
0.14084  -22.310971   -7.721212   -1.880359
-0.001129   -0.383105  -36.478006
0.28169  -22.310971   -7.721212   -1.880359
-0.001129   -0.422017   -70.057183
0.42253  -22.310971   -7.721212   -1.880359
-0.001129   -1.248560  -104.220027
0.56337  -22.310971   -7.721212   -1.880359
-0.001129   -2.074229  -138.540731

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   18.212011  92.617359    2.334278
 0.000855    1.457771   17.380954
0.14084   18.212011  92.617359    2.334278
 0.000855    0.477885    2.798698
0.28169   18.212011  92.617359    2.334278
 0.000855    0.474962    6.241205
0.42253   18.212011  92.617359    2.334278
 0.000855    1.409083    9.801820
0.56337   18.212011  92.617359    2.334278
 0.000855    2.343394   13.375621

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -38.035830   -8.559736   -2.227516
-0.000855   -1.392817   -8.092649
0.14084  -38.035830   -8.559736   -2.227516
-0.000855   -0.458722   -28.511856
0.28169  -38.035830   -8.559736   -2.227516
-0.000855   -0.494992   -67.093076
0.42253  -38.035830   -8.559736   -2.227516
-0.000855   -1.475989   -105.880716
0.56337  -38.035830   -8.559736   -2.227516
-0.000855   -2.455331   -144.705195

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   19.028419  120.534620    2.138992
 0.002420    1.343547   49.422994
0.14084   19.028419  120.534620    2.138992
 0.002420    0.445697   25.335937
0.28169   19.028419  120.534620    2.138992
 0.002420    0.431313   22.935231
0.42253   19.028419  120.534620    2.138992
 0.002420    1.280832   32.119418
0.56337   19.028419  120.534620    2.138992
 0.002420    2.132129   43.369565
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2576

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -65.966292  -27.482711   -2.031562
-0.002419   -1.278754  -10.867482
0.14084  -65.966292  -27.482711   -2.031562
-0.002419   -0.427067   -24.954567
0.28169  -65.966292  -27.482711   -2.031562
-0.002419   -0.452160   -62.544566
0.42253  -65.966292  -27.482711   -2.031562
-0.002419   -1.348693  -109.997063
0.56337  -65.966292  -27.482711   -2.031562
-0.002419   -2.245115  -160.311438

COMB      DB ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   31.502601  84.956811    1.511050
 0.004659    0.945165   58.275092
0.14084   31.502601  84.956811    1.511050
 0.004659    0.311515   45.030313
0.28169   31.502601  84.956811    1.511050
 0.004659    0.323887   41.118408
0.42253   31.502601  84.956811    1.511050
 0.004659    0.959239   61.713128
0.56337   31.502601  84.956811    1.511050
 0.004659    1.594715   84.862259

COMB      DB ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -49.132419  -55.577099   -1.515283
-0.004658   -0.947694  -17.467629
0.14084  -49.132419  -55.577099   -1.515283
-0.004658   -0.312281   -25.475787
0.28169  -49.132419  -55.577099   -1.515283
-0.004658   -0.322959   -42.338027
0.42253  -49.132419  -55.577099   -1.515283
-0.004658   -0.956399   -68.063559
0.56337  -49.132419  -55.577099   -1.515283
-0.004658   -1.590071  -103.237152

COMB       DL ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   50.324579  120.534620    2.334278
 0.004362    1.457771   73.483634
0.14084   50.324579  120.534620    2.334278
 0.004362    0.477885   59.418620
0.28169   50.324579  120.534620    2.334278
 0.004362    0.474962   66.658944
0.42253   50.324579  120.534620    2.334278
 0.004362    1.409083  101.457823
0.56337   50.324579  120.534620    2.334278
 0.004362    2.343394  141.180482

COMB       DL ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -65.966292  -95.833295   -2.227516
-0.004361   -1.392817   -25.747474
0.14084  -65.966292  -95.833295   -2.227516
-0.004361   -0.458722   -36.478006
0.28169  -65.966292  -95.833295   -2.227516
-0.004361   -0.494992   -70.057183
0.42253  -65.966292  -95.833295   -2.227516
-0.004361   -1.475989   -110.557943
0.56337  -65.966292  -95.833295   -2.227516
-0.004361   -2.455331   -160.311438

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   50.324579  120.534620    2.334278
 0.004659    1.457771   73.483634
0.14084   50.324579  120.534620    2.334278
 0.004659    0.477885   59.418620
0.28169   50.324579  120.534620    2.334278
 0.004659    0.474962   66.658944
0.42253   50.324579  120.534620    2.334278
 0.004659    1.409083  101.457823
0.56337   50.324579  120.534620    2.334278
 0.004659    2.343394  141.180482
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2577

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -65.966292  -95.833295   -2.227516
-0.004658   -1.392817   -25.747474
0.14084  -65.966292  -95.833295   -2.227516
-0.004658   -0.458722   -36.478006
0.28169  -65.966292  -95.833295   -2.227516
-0.004658   -0.494992   -70.057183
0.42253  -65.966292  -95.833295   -2.227516
-0.004658   -1.475989   -110.557943
0.56337  -65.966292  -95.833295   -2.227516
-0.004658   -2.455331   -160.311438

COMB   DESIGN ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.00000   50.324579  120.534620    2.334278
 0.004659    1.457771   73.483634
0.14084   50.324579  120.534620    2.334278
 0.004659    0.477885   59.418620
0.28169   50.324579  120.534620    2.334278
 0.004659    0.474962   66.658944
0.42253   50.324579  120.534620    2.334278
 0.004659    1.409083  101.457823
0.56337   50.324579  120.534620    2.334278
 0.004659    2.343394  141.180482

COMB   DESIGN ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.00000  -65.966292  -95.833295   -2.227516
-0.004658   -1.392817   -25.747474
0.14084  -65.966292  -95.833295   -2.227516
-0.004658   -0.458722   -36.478006
0.28169  -65.966292  -95.833295   -2.227516
-0.004658   -0.494992   -70.057183
0.42253  -65.966292  -95.833295   -2.227516
-0.004658   -1.475989   -110.557943
0.56337  -65.966292  -95.833295   -2.227516
-0.004658   -2.455331   -160.311438

ELEM      234 ================== LENGTH
=    2.977599

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   15.743201   3.211638    0.219923
 0.001356    0.239903    5.906553
0.57745   15.743201   3.211638    0.219923
 0.001356    0.147660    4.759204
0.71830   15.743201   3.211638    0.219923
 0.001356    0.055464    3.631749
0.85915   15.743201   3.211638    0.219923
 0.001356    0.091571    2.561384
1.00000   15.743201   3.211638    0.219923
 0.001356    0.282469    1.746074

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659   -2.073710  -42.195890   -0.455231
-0.000519   -0.481227   -78.500894
0.57745   -2.073710  -42.195890   -0.455231
-0.000519   -0.290290   -60.846921
0.71830   -2.073710  -42.195890   -0.455231
-0.000519   -0.099387   -43.236137
0.85915   -2.073710  -42.195890   -0.455231
-0.000519   -0.036958   -25.905969
1.00000   -2.073710  -42.195890   -0.455231
-0.000519   -0.129046   -12.696916

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   15.137020  27.399661    0.440194
 0.005363    0.449982   46.821598
0.57745   15.137020  27.399661    0.440194
 0.005363    0.265377   36.717457
0.71830   15.137020  27.399661    0.440194
 0.005363    0.098560   35.402444
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2578

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
          T         M2         M3
0.85915   15.137020  27.399661    0.440194
 0.005363    0.132575   55.055874
1.00000   15.137020  27.399661    0.440194
 0.005363    0.383142   80.451537

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -28.961412 -114.309078   -0.605327
-0.005651   -0.647501  -121.260612
0.57745  -28.961412 -114.309078   -0.605327
-0.005651   -0.393667   -78.109794
0.71830  -28.961412 -114.309078   -0.605327
-0.005651   -0.140095   -49.513721
0.85915  -28.961412 -114.309078   -0.605327
-0.005651   -0.103874   -28.940074
1.00000  -28.961412 -114.309078   -0.605327
-0.005651   -0.288496   -11.563437

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   13.823167  46.077487    0.748912
 0.003978    0.791675   75.560837
0.57745   13.823167  46.077487    0.748912
 0.003978    0.477583   56.788671
0.71830   13.823167  46.077487    0.748912
 0.003978    0.175586   44.260248
0.85915   13.823167  46.077487    0.748912
 0.003978    0.183616   50.584701
1.00000   13.823167  46.077487    0.748912
 0.003978    0.582519   62.942210

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -22.590020  -96.264756   -0.957319
-0.004561   -1.033898  -113.342568
0.57745  -22.590020  -96.264756   -0.957319
-0.004561   -0.632520   -76.214378
0.71830  -22.590020  -96.264756   -0.957319
-0.004561   -0.231337   -49.117374
0.85915  -22.590020  -96.264756   -0.957319
-0.004561   -0.150480   -27.029238
1.00000  -22.590020  -96.264756   -0.957319
-0.004561   -0.464673   -11.603257

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   26.069406  55.448473    1.045682
 0.003492    1.114647   91.647904
0.57745   26.069406  55.448473    1.045682
 0.003492    0.676088   69.096786
0.71830   26.069406  55.448473    1.045682
 0.003492    0.247600   51.912137
0.85915   26.069406  55.448473    1.045682
 0.003492    0.240485   50.425969
1.00000   26.069406  55.448473    1.045682
 0.003492    0.778350   54.771456

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -21.658110  -81.587799   -1.287641
-0.004233   -1.390493   -97.146740
0.57745  -21.658110  -81.587799   -1.287641
-0.004233   -0.850554   -65.623821
0.71830  -21.658110  -81.587799   -1.287641
-0.004233   -0.310703   -44.600780
0.85915  -21.658110  -81.587799   -1.287641
-0.004233   -0.200982   -29.970556
1.00000  -21.658110  -81.587799   -1.287641
-0.004233   -0.639594   -21.540149

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659    0.148630   19.560989    0.317541
 0.003268    0.320018   38.192204
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2579

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
          T         M2         M3
0.57745    0.148630   19.560989    0.317541
 0.003268    0.186836   31.236893
0.71830    0.148630   19.560989    0.317541
 0.003268    0.069574   33.397048
0.85915    0.148630   19.560989    0.317541
 0.003268    0.054851   52.382502
1.00000    0.148630   19.560989    0.317541
 0.003268    0.160865   75.840160

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -30.564593  -70.822221   -0.259613
-0.004514   -0.287454   -44.101021
0.57745  -30.564593  -70.822221   -0.259613
-0.004514   -0.178706   -18.710382
0.71830  -30.564593  -70.822221   -0.259613
-0.004514   -0.070292    -5.453372
0.85915  -30.564593  -70.822221   -0.259613
-0.004514   -0.079601    -1.022514
1.00000  -30.564593  -70.822221   -0.259613
-0.004514   -0.212690    -1.499594

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   11.747154  46.312607    0.761209
 0.003109    0.802611   78.168484
0.57745   11.747154  46.312607    0.761209
 0.003109    0.483359   59.612985
0.71830   11.747154  46.312607    0.761209
 0.003109    0.178021   48.459585
0.85915   11.747154  46.312607    0.761209
 0.003109    0.147676   58.450706
1.00000   11.747154  46.312607    0.761209
 0.003109    0.482067   71.230089

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -25.089404  -64.113771   -0.804004
-0.004804   -0.878688   -27.141013
0.57745  -25.089404  -64.113771   -0.804004
-0.004804   -0.541637   -20.370525
0.71830  -25.089404  -64.113771   -0.804004
-0.004804   -0.204620    -9.879331
0.85915  -25.089404  -64.113771   -0.804004
-0.004804   -0.155116    -6.779163
1.00000  -25.089404  -64.113771   -0.804004
-0.004804   -0.474402   -11.229081

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
          T         M2         M3
0.43659   16.450069  69.120968    0.848480
 0.002979    0.897153  126.588092
0.57745   16.450069  69.120968    0.848480
 0.002979    0.541293   98.272790
0.71830   16.450069  69.120968    0.848480
 0.002979    0.195309   75.434987
0.85915   16.450069  69.120968    0.848480
 0.002979    0.174322   68.663660
1.00000   16.450069  69.120968    0.848480
 0.002979    0.568947   64.461391

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
          T         M2         M3
0.43659  -35.035616  -73.092818   -0.946359
-0.003933   -1.027598   -79.106423
0.57745  -35.035616  -73.092818   -0.946359
-0.003933   -0.630810   -51.156665
0.71830  -35.035616  -73.092818   -0.946359
-0.003933   -0.234420   -32.582147
0.85915  -35.035616  -73.092818   -0.946359
-0.003933   -0.170393   -19.979173
1.00000  -35.035616  -73.092818   -0.946359
-0.003933   -0.526277   -14.654424
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              2580
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	17.961515	70.422998	1.163401	
0.002715	1.238412	131.091167		
0.57745	17.961515	70.422998	1.163401	
0.002715	0.750482	102.086815		
0.71830	17.961515	70.422998	1.163401	
0.002715	0.270804	77.565859		
0.85915	17.961515	70.422998	1.163401	
0.002715	0.234905	66.611411		
1.00000	17.961515	70.422998	1.163401	
0.002715	0.774693	57.728820		

COMB DB-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-33.101810	-62.339453	-1.291609	
-0.003717	-1.399552	-68.976015		
0.57745	-33.101810	-62.339453	-1.291609	
-0.003717	-0.857962	-45.092016		
0.71830	-33.101810	-62.339453	-1.291609	
-0.003717	-0.316694	-30.961432		
0.85915	-33.101810	-62.339453	-1.291609	
-0.003717	-0.225392	-21.761106		
1.00000	-33.101810	-62.339453	-1.291609	
-0.003717	-0.713354	-18.561625		

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	2.206410	17.495022	0.721162	
0.000367	0.774162	37.021557		
0.57745	2.206410	17.495022	0.721162	
0.000367	0.471708	29.728714		
0.71830	2.206410	17.495022	0.721162	
0.000367	0.169280	22.457551		
0.85915	2.206410	17.495022	0.721162	
0.000367	0.136774	15.246209		
1.00000	2.206410	17.495022	0.721162	
0.000367	0.459604	8.205069		

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-7.619713	-2.607742	-0.769750	
-0.000657	-0.831744	-7.121713		
0.57745	-7.619713	-2.607742	-0.769750	
-0.000657	-0.508911	-6.767911		
0.71830	-7.619713	-2.607742	-0.769750	
-0.000657	-0.186077	-6.556025		
0.85915	-7.619713	-2.607742	-0.769750	
-0.000657	-0.133203	-6.626423		
1.00000	-7.619713	-2.607742	-0.769750	
-0.000657	-0.435658	-6.903513		

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	23.347630	41.120410	1.168752	
0.000618	1.257597	73.558201		
0.57745	23.347630	41.120410	1.168752	
0.000618	0.767407	56.808117		
0.71830	23.347630	41.120410	1.168752	
0.000618	0.277860	40.492265		
0.85915	23.347630	41.120410	1.168752	
0.000618	0.232497	25.302701		
1.00000	23.347630	41.120410	1.168752	
0.000618	0.780521	12.246104		

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-10.520851	-5.530319	-1.306963	
-0.001338	-1.412522	-8.953225		
0.57745	-10.520851	-5.530319	-1.306963	
-0.001338	-0.864384	-8.166315		
0.71830	-10.520851	-5.530319	-1.306963	
-0.001338	-0.316229	-10.943745		
0.85915	-10.520851	-5.530319	-1.306963	
-0.001338	-0.213111	-16.526997		
1.00000	-10.520851	-5.530319	-1.306963	
-0.001338	-0.703245	-23.687737		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2581 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	11.055652	53.225888	1.347869	
0.000630	1.449597	94.767176		
0.57745	11.055652	53.225888	1.347869	
0.000630	0.884308	72.748452		
0.71830	11.055652	53.225888	1.347869	
0.000630	0.319969	51.943660		
0.85915	11.055652	53.225888	1.347869	
0.000630	0.255731	37.476189		
1.00000	11.055652	53.225888	1.347869	
0.000630	0.872838	25.506396		

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-17.088230	-22.096854	-1.472584	
-0.001785	-1.598644	-26.808918		
0.57745	-17.088230	-22.096854	-1.472584	
-0.001785	-0.981135	-19.539314		
0.71830	-17.088230	-22.096854	-1.472584	
-0.001785	-0.363662	-14.449503		
0.85915	-17.088230	-22.096854	-1.472584	
-0.001785	-0.246283	-12.219293		
1.00000	-17.088230	-22.096854	-1.472584	
-0.001785	-0.811610	-16.269862		

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	11.417966	72.266278	1.282940	
0.002833	1.362943	139.025450		
0.57745	11.417966	72.266278	1.282940	
0.002833	0.827478	109.323520		
0.71830	11.417966	72.266278	1.282940	
0.002833	0.296629	84.853248		
0.85915	11.417966	72.266278	1.282940	
0.002833	0.244193	75.501907		
1.00000	11.417966	72.266278	1.282940	
0.002833	0.807930	68.211686		

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-38.775345	-58.738800	-1.349314	
-0.004137	-1.464208	-55.572245		
0.57745	-38.775345	-58.738800	-1.349314	
-0.004137	-0.898585	-34.913379		
0.71830	-38.775345	-58.738800	-1.349314	
-0.004137	-0.333273	-23.251610		
0.85915	-38.775345	-58.738800	-1.349314	
-0.004137	-0.251234	-16.964904		
1.00000	-38.775345	-58.738800	-1.349314	
-0.004137	-0.789332	-16.634542		

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	36.310091	7.293808	0.303093	
0.001488	0.329645	10.904400		
0.57745	36.310091	7.293808	0.303093	
0.001488	0.202132	8.713972		
0.71830	36.310091	7.293808	0.303093	
0.001488	0.074079	6.543013		
0.85915	36.310091	7.293808	0.303093	
0.001488	0.115065	4.464279		
1.00000	36.310091	7.293809	0.303093	
0.001488	0.353361	2.555925		

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-3.788034	-67.476609	-0.567716	
-0.000507	-0.599003	-134.735999		
0.57745	-3.788034	-67.476609	-0.567716	
-0.000507	-0.360807	-106.763188		
0.71830	-3.788034	-67.476609	-0.567716	
-0.000507	-0.122661	-78.816357		
0.85915	-3.788034	-67.476609	-0.567716	
-0.000507	-0.051291	-51.049014		
1.00000	-3.788034	-67.476609	-0.567716	
-0.000507	-0.178084	-24.961305		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2582 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	33.091646	31.265278	0.637409	
0.005012	0.662152	59.676337		
0.57745	33.091646	31.265278	0.637409	
0.005012	0.396562	47.382836		
0.71830	33.091646	31.265278	0.637409	
0.005012	0.144675	45.432370		
0.85915	33.091646	31.265278	0.637409	
0.005012	0.171256	63.865224		
1.00000	33.091646	31.265278	0.637409	
0.005012	0.503522	86.612996		

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-38.957125	-141.239968	-0.793676	
-0.005770	-0.843225	-181.354508		
0.57745	-38.957125	-141.239968	-0.793676	
-0.005770	-0.512003	-123.013670		
0.71830	-38.957125	-141.239968	-0.793676	
-0.005770	-0.183369	-81.761853		
0.85915	-38.957125	-141.239968	-0.793676	
-0.005770	-0.139128	-50.531032		
1.00000	-38.957125	-141.239968	-0.793676	
-0.005770	-0.405982	-23.270564		

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	31.254355	59.444557	1.171618	
0.003864	1.247717	108.780237		
0.57745	31.254355	59.444557	1.171618	
0.003864	0.757122	84.581298		
0.71830	31.254355	59.444557	1.171618	
0.003864	0.275885	67.198656		
0.85915	31.254355	59.444557	1.171618	
0.003864	0.252324	46.237490		
1.00000	31.254355	59.444557	1.171618	
0.003864	0.826264	70.645761		

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-34.391073	-119.934277	-1.357020	
-0.004720	-1.460973	-164.544506		
0.57745	-34.391073	-119.934277	-1.357020	
-0.004720	-0.893021	-114.904812		
0.71830	-34.391073	-119.934277	-1.357020	
-0.004720	-0.326520	-77.533585		
0.85915	-34.391073	-119.934277	-1.357020	
-0.004720	-0.223274	-47.012506		
1.00000	-34.391073	-119.934277	-1.357020	
-0.004720	-0.715335	-22.159443		

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	40.815350	79.733819	1.597789	
0.003369	1.711292	136.892020		
0.57745	40.815350	79.733819	1.597789	
0.003369	1.041736	104.496646		
0.71830	40.815350	79.733819	1.597789	
0.003369	0.379838	78.368522		
0.85915	40.815350	79.733819	1.597789	
0.003369	0.337997	66.929443		
1.00000	40.815350	79.733819	1.597789	
0.003369	1.098745	61.737569		

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-32.890050	-102.320636	-1.814655	
-0.004359	-1.954412	-142.034092		
0.57745	-32.890050	-102.320636	-1.814655	
-0.004359	-1.194376	-100.109910		
0.71830	-32.890050	-102.320636	-1.814655	
-0.004359	-0.435467	-69.830994		
0.85915	-32.890050	-102.320636	-1.814655	
-0.004359	-0.295562	-46.559839		
1.00000	-32.890050	-102.320636	-1.814655	
-0.004359	-0.966687	-30.108906		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2583 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	0.125863	23.360798	0.498797	
0.002428	0.517724	51.986847		
0.57745	0.125863	23.360798	0.498797	
0.002428	0.309625	43.370305		
0.71830	0.125863	23.360798	0.498797	
0.002428	0.112012	42.216100		
0.85915	0.125863	23.360798	0.498797	
0.002428	0.073684	56.018787		
1.00000	0.125863	23.360798	0.498797	
0.002428	0.234931	73.043579		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-40.672704	-62.978207	-0.386273	
-0.003884	-0.423835	-45.048322		
0.57745	-40.672704	-62.978207	-0.386273	
-0.003884	-0.263001	-19.424593		
0.71830	-40.672704	-62.978207	-0.386273	
-0.003884	-0.102039	-8.897627		
0.85915	-40.672704	-62.978207	-0.386273	
-0.003884	-0.109532	-1.011868		
1.00000	-40.672704	-62.978207	-0.386273	
-0.003884	-0.318245	-1.410552		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	12.000079	66.330726	1.208483	
0.002372	1.289000	118.768233		
0.57745	12.000079	66.330726	1.208483	
0.002372	0.783114	91.395099		
0.71830	12.000079	66.330726	1.208483	
0.002372	0.286724	72.117760		
0.85915	12.000079	66.330726	1.208483	
0.002372	0.216073	68.759531		
1.00000	12.000079	66.330726	1.208483	
0.002372	0.719014	69.589485		

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-34.587861	-57.513225	-1.200550	
-0.004270	-1.305378	-44.087462		
0.57745	-34.587861	-57.513225	-1.200550	
-0.004270	-0.803292	-29.977773		
0.71830	-34.587861	-57.513225	-1.200550	
-0.004270	-0.302119	-10.102156		
0.85915	-34.587861	-57.513225	-1.200550	
-0.004270	-0.228592	-6.739435		
1.00000	-34.587861	-57.513225	-1.200550	
-0.004270	-0.736553	-10.855287		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	21.005613	85.178203	1.300899	
0.002361	1.389015	159.257096		
0.57745	21.005613	85.178203	1.300899	
0.002361	0.843643	124.377448		
0.71830	21.005613	85.178203	1.300899	
0.002361	0.304060	94.209089		
0.85915	21.005613	85.178203	1.300899	
0.002361	0.246166	75.743515		
1.00000	21.005613	85.178203	1.300899	
0.002361	0.821158	61.571382		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-42.623438	-78.097214	-1.370907	
-0.003302	-1.485421	-100.450982		
0.57745	-42.623438	-78.097214	-1.370907	
-0.003302	-0.911404	-68.561284		
0.71830	-42.623438	-78.097214	-1.370907	
-0.003302	-0.337851	-44.913741		
0.85915	-42.623438	-78.097214	-1.370907	
-0.003302	-0.244772	-26.712187		
1.00000	-42.623438	-78.097214	-1.370907	
-0.003302	-0.791083	-15.952474		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2584 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	22.647925	93.124197	1.777890	
0.002171	1.904578	172.069246		
0.57745	22.647925	93.124197	1.777890	
0.002171	1.158019	134.114544		
0.71830	22.647925	93.124197	1.777890	
0.002171	0.417967	100.303321		
0.85915	22.647925	93.124197	1.777890	
0.002171	0.332927	76.444467		
1.00000	22.647925	93.124197	1.777890	
0.002171	1.111697	56.408051		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-41.978053	-67.938779	-1.856766	
-0.003213	-2.008857	-89.896725		
0.57745	-41.978053	-67.938779	-1.856766	
-0.003213	-1.230977	-62.746369		
0.71830	-41.978053	-67.938779	-1.856766	
-0.003213	-0.453394	-43.249566		
0.85915	-41.978053	-67.938779	-1.856766	
-0.003213	-0.328368	-28.377712		
1.00000	-41.978053	-67.938779	-1.856766	
-0.003213	-1.075517	-19.785245		

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	3.717455	26.560813	1.108920	
0.000337	1.191430	54.299545		
0.57745	3.717455	26.560813	1.108920	
0.000337	0.726075	43.332240		
0.71830	3.717455	26.560813	1.108920	
0.000337	0.260237	32.453066		
0.85915	3.717455	26.560813	1.108920	
0.000337	0.194393	21.771191		
1.00000	3.717455	26.560813	1.108920	
0.000337	0.653975	11.548083		

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-15.923536	-5.605476	-1.095108	
-0.000663	-1.183209	-13.748622		
0.57745	-15.923536	-5.605476	-1.095108	
-0.000663	-0.723977	-11.837300		
0.71830	-15.923536	-5.605476	-1.095108	
-0.000663	-0.264677	-10.042216		
0.85915	-15.923536	-5.605476	-1.095108	
-0.000663	-0.201783	-8.512283		
1.00000	-15.923536	-5.605476	-1.095108	
-0.000663	-0.667968	-7.467329		

COMB DL-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	26.011994	68.332893	1.791010	
0.000507	1.930149	115.880327		
0.57745	26.011994	68.332893	1.791010	
0.000507	1.178649	88.042310		
0.71830	26.011994	68.332893	1.791010	
0.000507	0.426781	61.018375		
0.85915	26.011994	68.332893	1.791010	
0.000507	0.336001	36.308348		
1.00000	26.011994	68.332893	1.791010	
0.000507	1.123189	15.277527		

COMB DL-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-18.551902	-8.393690	-1.877030	
-0.001285	-2.026155	-18.390038		
0.57745	-18.551902	-8.393690	-1.877030	
-0.001285	-1.230038	-16.358843		
0.71830	-18.551902	-8.393690	-1.877030	
-0.001285	-0.451850	-15.661767		
0.85915	-18.551902	-8.393690	-1.877030	
-0.001285	-0.320551	-17.915961		
1.00000	-18.551902	-8.393690	-1.877030	
-0.001285	-1.073234	-24.515205		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2585 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	14.975805	80.996038	2.104313	
0.000385	2.267341	147.339605		
0.57745	14.975805	80.996038	2.104313	
0.000385	1.384278	114.130049		
0.71830	14.975805	80.996038	2.104313	
0.000385	0.499953	81.832647		
0.85915	14.975805	80.996038	2.104313	
0.000385	0.370569	52.847433		
1.00000	14.975805	80.996038	2.104313	
0.000385	1.267666	28.168764		

COMB DL-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-30.605515	-20.251247	-2.138188	
-0.001459	-2.319330	-31.596066		
0.57745	-30.605515	-20.251247	-2.138188	
-0.001459	-1.422762	-24.586168		
0.71830	-30.605515	-20.251247	-2.138188	
-0.001459	-0.525665	-18.357718		
0.85915	-30.605515	-20.251247	-2.138188	
-0.001459	-0.375328	-14.081481		
1.00000	-30.605515	-20.251247	-2.138188	
-0.001459	-1.260260	-17.110156		

COMB DL-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	15.804654	94.517259	1.969567	
0.002052	2.107293	181.886669		
0.57745	15.804654	94.517259	1.969567	
0.002052	1.281382	143.251204		
0.71830	15.804654	94.517259	1.969567	
0.002052	0.460413	109.103888		
0.85915	15.804654	94.517259	1.969567	
0.002052	0.348247	85.514448		
1.00000	15.804654	94.517259	1.969567	
0.002052	1.169150	66.169812		

COMB DL-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-51.794178	-58.013817	-1.958439	
-0.003381	-2.122379	-68.760384		
0.57745	-51.794178	-58.013817	-1.958439	
-0.003381	-1.301919	-46.012231		
0.71830	-51.794178	-58.013817	-1.958439	
-0.003381	-0.481968	-30.697932		
0.85915	-51.794178	-58.013817	-1.958439	
-0.003381	-0.366843	-20.545111		
1.00000	-51.794178	-58.013817	-1.958439	
-0.003381	-1.194567	-17.510415		

COMB DB ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	26.069406	72.266278	1.347869	
0.005363	1.449597	139.025450		
0.57745	26.069406	72.266278	1.347869	
0.005363	0.884308	109.323520		
0.71830	26.069406	72.266278	1.347869	
0.005363	0.319969	84.853248		
0.85915	26.069406	72.266278	1.347869	
0.005363	0.255731	75.501907		
1.00000	26.069406	72.266278	1.347869	
0.005363	0.872838	80.451537		

COMB DB ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-38.775345	-114.309078	-1.472584	
-0.005651	-1.598644	-121.260612		
0.57745	-38.775345	-114.309078	-1.472584	
-0.005651	-0.981135	-78.109794		
0.71830	-38.775345	-114.309078	-1.472584	
-0.005651	-0.363662	-49.513721		
0.85915	-38.775345	-114.309078	-1.472584	
-0.005651	-0.251234	-29.917566		
1.00000	-38.775345	-114.309078	-1.472584	
-0.005651	-0.811610	-23.687737		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD 2586 >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	40.815350	94.517259	2.104313	
0.005012	2.267341	181.886669		
0.57745	40.815350	94.517259	2.104313	
0.005012	1.384278	143.251204		
0.71830	40.815350	94.517259	2.104313	
0.005012	0.499953	109.103888		
0.85915	40.815350	94.517259	2.104313	
0.005012	0.370569	85.514448		
1.00000	40.815350	94.517259	2.104313	
0.005012	1.267666	86.612996		

COMB DL ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-51.794178	-141.239968	-2.138188	
-0.005770	-2.319330	-181.354508		
0.57745	-51.794178	-141.239968	-2.138188	
-0.005770	-1.422762	-123.013670		
0.71830	-51.794178	-141.239968	-2.138188	
-0.005770	-0.525665	-81.761853		
0.85915	-51.794178	-141.239968	-2.138188	
-0.005770	-0.375328	-51.049914		
1.00000	-51.794178	-141.239968	-2.138188	
-0.005770	-1.260260	-30.108906		

COMB CAR ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	40.815350	94.517259	2.104313	
0.005363	2.267341	181.886669		
0.57745	40.815350	94.517259	2.104313	
0.005363	1.384278	143.251204		
0.71830	40.815350	94.517259	2.104313	
0.005363	0.499953	109.103888		
0.85915	40.815350	94.517259	2.104313	
0.005363	0.370569	85.514448		
1.00000	40.815350	94.517259	2.104313	
0.005363	1.267666	86.612996		

COMB CAR ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-51.794178	-141.239968	-2.138188	
-0.005770	-2.319330	-181.354508		
0.57745	-51.794178	-141.239968	-2.138188	
-0.005770	-1.422762	-123.013670		
0.71830	-51.794178	-141.239968	-2.138188	
-0.005770	-0.525665	-81.761853		
0.85915	-51.794178	-141.239968	-2.138188	
-0.005770	-0.375328	-51.049914		
1.00000	-51.794178	-141.239968	-2.138188	
-0.005770	-1.260260	-30.108906		

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43659	40.815350	94.517259	2.104313	
0.005363	2.267341	181.886669		
0.57745	40.815350	94.517259	2.104313	
0.005363	1.384278	143.251204		
0.71830	40.815350	94.517259	2.104313	
0.005363	0.499953	109.103888		
0.85915	40.815350	94.517259	2.104313	
0.005363	0.370569	85.514448		
1.00000	40.815350	94.517259	2.104313	
0.005363	1.267666	86.612996		

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43659	-51.794178	-141.239968	-2.138188	
-0.005770	-2.319330	-181.354508		
0.57745	-51.794178	-141.239968	-2.138188	
-0.005770	-1.422762	-123.013670		
0.71830	-51.794178	-141.239968	-2.138188	
-0.005770	-0.525665	-81.761853		
0.85915	-51.794178	-141.239968	-2.138188	

```
-0.005770   -0.375328   -51.049914
1.00000   -51.794178  -141.239968    -2.138188
-0.005770   -1.260260   -30.108906
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2587

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       235 ========== LENGTH
=     2.977688

 COMB DB-G1-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    15.789701      3.269445       0.338393
 0.001193    0.208982      1.742945
 0.14085    15.789701      3.269445       0.338393
 0.001193    0.067138     10.281469
 0.28171    15.789701      3.269445       0.338393
 0.001193    0.080150     27.676757
 0.42256    15.789701      3.269445       0.338393
 0.001193    0.224414     45.208475
 0.56342    15.789701      3.269445       0.338393
 0.001193    0.359735     62.786852

 COMB DB-G1-1 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -2.082597     -41.934551      -0.322647
-0.000495   -0.181538     -12.696920
 0.14085    -2.082597     -41.934551      -0.322647
-0.000495   -0.046242     -13.396638
 0.28171    -2.082597     -41.934551      -0.322647
-0.000495   -0.074907     -14.291791
 0.42256    -2.082597     -41.934551      -0.322647
-0.000495   -0.216837     -15.211412
 0.56342    -2.082597     -41.934551      -0.322647
-0.000495   -0.358753     -16.527882

 COMB DB-G1-2 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    15.103864      85.396755       0.431946
 0.006416    0.262107     80.668120
 0.14085    15.103864      85.396755       0.431946
 0.006416    0.085926     66.123219
 0.28171    15.103864      85.396755       0.431946
 0.006416    0.142979     60.039021
 0.42256    15.103864      85.396755       0.431946
 0.006416    0.372239     78.045495
 0.56342    15.103864      85.396755       0.431946
 0.006416    0.621319    102.113815

 COMB DB-G1-2 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -32.845713    -61.175614      -0.595159
-0.004386   -0.378250    -11.581924
 0.14085   -32.845713    -61.175614      -0.595159
-0.004386   -0.129578    -12.514875
 0.28171   -32.845713    -61.175614      -0.595159
-0.004386   -0.100293    -19.358761
 0.42256   -32.845713    -61.175614      -0.595159
-0.004386   -0.281480    -40.126173
 0.56342   -32.845713    -61.175614      -0.595159
-0.004386   -0.462644    -75.670639

 COMB DB-G1-3 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    13.802144      85.447735       0.744382
 0.004646    0.447069     63.094923
 0.14085    13.802144      85.447735       0.744382
 0.004646    0.138095     55.848215
 0.28171    13.802144      85.447735       0.744382
 0.004646    0.238723     58.725866
 0.42256    13.802144      85.447735       0.744382
 0.004646    0.640427     78.630525
 0.56342    13.802144      85.447735       0.744382
 0.004646    1.055779    102.757784

 COMB DB-G1-3 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -25.340579    -60.227164      -0.991092
-0.003303   -0.607754    -11.606324
 0.14085   -25.340579    -60.227164      -0.991092
-0.003303   -0.192546    -22.151350
 0.28171   -25.340579    -60.227164      -0.991092
-0.003303   -0.177256    -38.195551
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2588

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2             V3
        T          M2            M3
 0.42256   -25.340579    -60.227164      -0.991092
-0.003303   -0.489491    -63.733500
 0.56342   -25.340579    -60.227164      -0.991092
-0.003303   -0.801734    -99.365709

 COMB DB-G1-4 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    26.046529      88.411178       1.037771
 0.004035    0.620135     54.903006
 0.14085    26.046529      88.411178       1.037771
 0.004035    0.187649     46.831695
 0.28171    26.046529      88.411178       1.037771
 0.004035    0.317357     49.880267
 0.42256    26.046529      88.411178       1.037771
 0.004035    0.852493     67.211604
 0.56342    26.046529      88.411178       1.037771
 0.004035    1.398928     87.956415

 COMB DB-G1-4 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -23.883411    -51.693649      -1.303538
-0.003326   -0.788683    -21.541469
 0.14085   -23.883411    -51.693649      -1.303538
-0.003326   -0.242386    -35.104735
 0.28171   -23.883411    -51.693649      -1.303538
-0.003326   -0.250488    -53.248904
 0.42256   -23.883411    -51.693649      -1.303538
-0.003326   -0.685685    -79.476630
 0.56342   -23.883411    -51.693649      -1.303538
-0.003326   -1.120915   -115.030907

 COMB DB-G2-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.146199      68.229687       0.195507
 0.004155    0.113572     76.022511
 0.14085    0.146199      68.229687       0.195507
 0.004155    0.035619     60.834773
 0.28171    0.146199      68.229687       0.195507
 0.004155    0.084443     45.851850
 0.42256    0.146199      68.229687       0.195507
 0.004155    0.236656     50.733681
 0.56342    0.146199      68.229687       0.195507
 0.004155    0.405509     60.615007

 COMB DB-G2-1 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -33.830381    -26.849613      -0.403477
-0.003185   -0.272423     -1.526197
 0.14085   -33.830381    -26.849613      -0.403477
-0.003185   -0.103640     -3.104160
 0.28171   -33.830381    -26.849613      -0.403477
-0.003185   -0.050473     -7.650916
 0.42256   -33.830381    -26.849613      -0.403477
-0.003185   -0.132410    -23.799448
 0.56342   -33.830381    -26.849613      -0.403477
-0.003185   -0.214412    -52.266853

 COMB DB-G2-2 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    11.770959      92.019995       0.667235
 0.003906    0.395919     71.410986
 0.14085    11.770959      92.019999       0.667235
 0.003906    0.119940     52.345880
 0.28171    11.770959      92.019999       0.667235
 0.003906    0.219557     36.938590
 0.42256    11.770959      92.019999       0.667235
 0.003906    0.602921     40.742955
 0.56342    11.770959      92.019999       0.667235
 0.003906    1.001756     49.200651

 COMB DB-G2-2 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -28.201309    -23.089807      -0.951757
-0.003454   -0.595777    -11.249058
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2589

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P             V2             V3
        T          M2            M3
 0.14085   -28.201309    -23.089807      -0.951757
-0.003454   -0.196836    -24.775303
 0.28171   -28.201309    -23.089807      -0.951757
-0.003454   -0.163740    -40.270639
 0.42256   -28.201309    -23.089807      -0.951757
-0.003454   -0.445931    -66.800243
 0.56342   -28.201309    -23.089807      -0.951757
-0.003454   -0.723350    -105.046789

 COMB DB-G2-3 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    16.434286      100.942753      0.749116
 0.003726    0.444136     64.587511
 0.14085    16.434286      100.942753      0.749116
 0.003726    0.132822     49.525368
 0.28171    16.434286      100.942753      0.749116
 0.003726    0.251195     49.161913
 0.42256    16.434286      100.942753      0.749116
 0.003726    0.686525     63.226428
 0.56342    16.434286      100.942753      0.749116
 0.003726    1.132809     80.713756

 COMB DB-G2-3 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -37.240097    -44.110435      -1.064876
-0.002920   -0.654667    -14.655586
 0.14085   -37.240097    -44.110435      -1.064876
-0.002920   -0.208551    -23.851312
 0.28171   -37.240097    -44.110435      -1.064876
-0.002920   -0.184410    -49.347401
 0.42256   -37.240097    -44.110435      -1.064876
-0.002920   -0.498406    -82.963546
 0.56342   -37.240097    -44.110435      -1.064876
-0.002920   -0.812531    -124.945249

 COMB DB-G2-4 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    17.972749      97.062253       1.051218
 0.003372    0.620945     57.838848
 0.14085    17.972749      97.062253       1.051218
 0.003372    0.182388     41.202175
 0.28171    17.972749      97.062253       1.051218
 0.003372    0.333223     41.246575
 0.42256    17.972749      97.062253       1.051218
 0.003372    0.906198     53.489811
 0.56342    17.972749      97.062253       1.051218
 0.003372    1.488354     68.596660

 COMB DB-G2-4 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -34.883935    -38.057114      -1.388691
-0.003006   -0.842226    -15.562623
 0.14085   -34.883935    -38.057114      -1.388691
-0.003006   -0.260289    -27.529377
 0.28171   -34.883935    -38.057114      -1.388691
-0.003006   -0.260950    -50.204724
 0.42256   -34.883935    -38.057114      -1.388691
-0.003006   -0.701719    -80.567182
 0.56342   -34.883935    -38.057114      -1.388691
-0.003006   -1.142564    -120.996406

 COMB DB-G3-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    2.184189      17.571793       0.652734
 0.000429    0.381741     8.210846
 0.14085    2.184189      17.571793       0.652734
 0.000429    0.107993     4.192628
 0.28171    2.184189      17.571793       0.652734
 0.000429    0.192050     3.528521
 0.42256    2.184189      17.571793       0.652734
 0.000429    0.519000     3.657491
 0.56342    2.184189      17.571793       0.652734
 0.000429    0.846033     4.087325
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2590

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-1 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -7.508779     -2.547272      -0.779725
-0.000889   -0.462109     -6.903727
 0.14085   -7.508779     -2.547272      -0.779725
-0.000889   -0.113507     -7.452915
 0.28171   -7.508779     -2.547272      -0.779725
-0.000889   -0.165809     -8.485750
 0.42256   -7.508779     -2.547272      -0.779725
-0.000889   -0.439571    -14.616462
 0.56342   -7.508779     -2.547272      -0.779725
-0.000889   -0.713342    -21.975034

 COMB DB-G3-2 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    23.312577      43.668354       1.113188
 0.000685    0.656905     12.264520
 0.14085    23.312577      43.668354       1.113188
 0.000685    0.190481     3.536574
 0.28171    23.312577      43.668354       1.113188
 0.000685    0.321894     2.137938
 0.42256    23.312577      43.668354       1.113188
 0.000685    0.868783     3.496243
 0.56342    23.312577      43.668354       1.113188
 0.000685    1.416342     5.047577

 COMB DB-G3-2 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -10.475008     -3.816325      -1.305604
-0.001666   -0.774231    -23.687122
 0.14085   -10.475008     -3.816325      -1.305604
-0.001666   -0.226641    -32.042885
 0.28171   -10.475008     -3.816325      -1.305604
-0.001666   -0.277135    -40.859932
 0.42256   -10.475008     -3.816325      -1.305604
-0.001666   -0.743802    -56.429426
 0.56342   -10.475008     -3.816325      -1.305604
-0.001666   -1.210672    -74.488989

 COMB DB-G3-3 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    11.036515      56.431381       1.246438
 0.000722    0.734072     25.531404
 0.14085    11.036515      56.431381       1.246438
 0.000722    0.211700     21.273665
 0.28171    11.036515      56.431381       1.246438
 0.000722    0.378935     25.895043
 0.42256    11.036515      56.431381       1.246438
 0.000722    1.034984     33.740359
 0.56342    11.036515      56.431381       1.246438
 0.000722    1.692096     41.897327

 COMB DB-G3-3 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -17.255566    -19.740760      -1.566817
-0.001534   -0.936681    -16.264408
 0.14085   -17.255566    -19.740760      -1.566817
-0.001534   -0.279402    -30.190658
 0.28171   -17.255566    -19.740760      -1.566817
-0.001534   -0.311528    -44.826655
 0.42256   -17.255566    -19.740760      -1.566817
-0.001534   -0.834234    -65.710885
 0.56342   -17.255566    -19.740760      -1.566817
-0.001534   -1.356988    -89.174925

 COMB DB-G3-4 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    11.413204      103.806416      1.109033
 0.003630    0.651579     68.341212
 0.14085    11.413204      103.806416      1.109033
 0.003630    0.189264     44.022722
 0.28171    11.413204      103.806416      1.109033
 0.003630    0.354623     36.850961
 0.42256    11.413204      103.806416      1.109033
 0.003630    0.967941     45.071506
 0.56342    11.413204      103.806416      1.109033
 0.003630    1.592384     56.705706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2591

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-4 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -40.852521    -30.047998      -1.489434
-0.003393   -0.907706    -16.642307
 0.14085   -40.852521    -30.047998      -1.489434
-0.003393   -0.283752    -25.215858
 0.28171   -40.852521    -30.047998      -1.489434
-0.003393   -0.278892    -45.106317
 0.42256   -40.852521    -30.047998      -1.489434
-0.003393   -0.743996    -78.802166
 0.56342   -40.852521    -30.047998      -1.489434
-0.003393   -1.209126    -122.097898

 COMB DL-G1-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    36.299594      7.201155       0.424490
 0.001296    0.259810     2.548217
 0.14085    36.299594      7.201155       0.424490
 0.001296    0.080925     10.944214
 0.28171    36.299594      7.201155       0.424490
 0.001296    0.107389     37.424065
 0.42256    36.299594      7.201155       0.424490
 0.001296    0.267171     65.031714
 0.56342    36.299594      7.201155       0.424490
 0.001296    0.427144     92.846633

 COMB DL-G1-1 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    -3.785002     -66.869118      -0.381365
-0.000481   -0.212539     -24.940148
 0.14085    -3.785002     -66.869118      -0.381365
-0.000481   -0.052695     -11.408116
 0.28171    -3.785002     -66.869118      -0.381365
-0.000481   -0.094588     -12.951647
 0.42256    -3.785002     -66.869118      -0.381365
-0.000481   -0.273442     -15.555267
 0.56342    -3.785002     -66.869118      -0.381365
-0.000481   -0.451661     -18.345157

 COMB DL-G1-2 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    33.037677      90.164046       0.606873
 0.006807    0.365964     86.655161
 0.14085    33.037677      90.164046       0.606873
 0.006807    0.184553     69.110507
 0.28171    33.037677      90.164046       0.606873
 0.006807    0.184233     71.602135
 0.42256    33.037677      90.164046       0.606873
 0.006807    0.491480     98.473034
 0.56342    33.037677      90.164046       0.606873
 0.006807    0.818237     133.029822

 COMB DL-G1-2 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -41.626849     -85.375902      -0.779464
-0.004044   -0.491412     -22.262248
 0.14085   -41.626849     -85.375902      -0.779464
-0.004044   -0.164695     -10.650365
 0.28171   -41.626849     -85.375902      -0.779464
-0.004044   -0.144820     -17.415127
 0.42256   -41.626849     -85.375902      -0.779464
-0.004044   -0.397108     -41.931875
 0.56342   -41.626849     -85.375902      -0.779464
-0.004044   -0.652033     -78.692082

 COMB DL-G1-3 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    31.236302      101.275372      1.152213
 0.005099    0.689006     70.690553
 0.14085    31.236302      101.275372      1.152213
 0.005099    0.210322     57.822109
 0.28171    31.236302      101.275372      1.152213
 0.005099    0.331474     65.635391
 0.42256    31.236302      101.275372      1.152213
 0.005099    0.898011     92.769777
 0.56342    31.236302      101.275372      1.152213
 0.005099    1.477969     125.354306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2592

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-3 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -36.363498     -80.340318      -1.383118
-0.003178   -0.843614     -22.150356
 0.14085   -36.363498     -80.340318      -1.383118
-0.003178   -0.262844     -21.725578
 0.28171   -36.363498     -80.340318      -1.383118
-0.003178   -0.276435     -40.203007
 0.42256   -36.363498     -80.340318      -1.383118
-0.003178   -0.759064     -73.073773
 0.56342   -36.363498     -80.340318      -1.383118
-0.003178   -1.243054    -114.785520

 COMB DL-G1-4 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    40.797062      114.782011      1.591551
 0.004389    0.949383     61.782146
 0.14085    40.797062      114.782011      1.591551
 0.004389    0.285920     48.419935
 0.28171    40.797062      114.782011      1.591551
 0.004389    0.438131     56.005485
 0.42256    40.797062      114.782011      1.591551
 0.004389    1.182472     79.587641
 0.56342    40.797062      114.782011      1.591551
 0.004389    1.938086     107.864251

 COMB DL-G1-4 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -34.521435     -69.476820      -1.801753
-0.003208   -1.085645     -30.101718
 0.14085   -34.521435     -69.476820      -1.801753
-0.003208   -0.329332     -39.111106
 0.28171   -34.521435     -69.476820      -1.801753
-0.003208   -0.383899     -66.659588
 0.42256   -34.521435     -69.476820      -1.801753
-0.003208   -1.051063    -106.198234
 0.56342   -34.521435     -69.476820      -1.801753
-0.003208   -1.719222    -153.063144

 COMB DL-G2-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    0.119092      64.777884       0.357385
 0.003716    0.209470     73.081331
 0.14085    0.119092      64.777884       0.357385
 0.003716    0.065246     57.740868
 0.28171    0.119092      64.777884       0.357385
 0.003716    0.123359     44.115651
 0.42256    0.119092      64.777884       0.357385
 0.003716    0.356769     47.417078
 0.56342    0.119092      64.777884       0.357385
 0.003716    0.603520     56.750262

 COMB DL-G2-1 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -42.551900     -24.706506      -0.589191
-0.002448   -0.386182     -1.424765
 0.14085   -42.551900     -24.706506      -0.589191
-0.002448   -0.139002     -2.953382
 0.28171   -42.551900     -24.706506      -0.589191
-0.002448   -0.092297     -7.639096
 0.42256   -42.551900     -24.706506      -0.589191
-0.002448   -0.240037     -24.671642
 0.56342   -42.551900     -24.706506      -0.589191
-0.002448   -0.390129     -50.947002

 COMB DL-G2-2 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    12.033742      106.354294      1.115818
 0.003583    0.663279     69.646124
 0.14085    12.033742      106.354294      1.115818
 0.003583    0.200444     48.992987
 0.28171    12.033742      106.354294      1.115818
 0.003583    0.319338     33.327441
 0.42256    12.033742      106.354294      1.115818
 0.003583    0.885752     35.674342
 0.56342    12.033742      106.354294      1.115818
 0.003583    1.464652     43.568728
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING              LOAD                >
                                  2593

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-2 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -36.454797     -20.845590      -1.381130
-0.002800   -0.853521     -10.872703
 0.14085   -36.454797     -20.845590      -1.381130
-0.002800   -0.273935     -28.537336
 0.28171   -36.454797     -20.845590      -1.381130
-0.002800   -0.272943     -50.445803
 0.42256   -36.454797     -20.845590      -1.381130
-0.002800   -0.738569     -85.959749
 0.56342   -36.454797     -20.845590      -1.381130
-0.002800   -1.207971    -129.835035

 COMB DL-G2-3 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    20.983239      110.531417      1.203205
 0.003353    0.713960     61.608050
 0.14085    20.983239      110.531417      1.203205
 0.003353    0.212506     48.442069
 0.28171    20.983239      110.531417      1.203205
 0.003353    0.352548     53.650778
 0.42256    20.983239      110.531417      1.203205
 0.003353    0.969517     71.879314
 0.56342    20.983239      110.531417      1.203205
 0.003353    1.594407     93.916581

 COMB DL-G2-3 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -43.844743     -54.231372      -1.490708
-0.002309   -0.907330     -15.944633
 0.14085   -43.844743     -54.231372      -1.490708
-0.002309   -0.262237     -27.307596
 0.28171   -43.844743     -54.231372      -1.490708
-0.002309   -0.293646     -57.532234
 0.42256   -43.844743     -54.231372      -1.490708
-0.002309   -0.798299     -97.730569
 0.56342   -43.844743     -54.231372      -1.490708
-0.002309   -1.303477    -143.502664

 COMB DL-G2-4 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    22.653605      114.441859      1.665621
 0.003037    0.985012     56.445978
 0.14085    22.653605      114.441859      1.665621
 0.003037    0.289107     40.324587
 0.28171    22.653605      114.441859      1.665621
 0.003037    0.467770     45.714191
 0.42256    22.653605      114.441859      1.665621
 0.003037    1.276680     61.967620
 0.56342    22.653605      114.441859      1.665621
 0.003037    2.092015     81.480140

 COMB DL-G2-4 ---------- MIN

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000   -43.006719     -47.923464      -1.944696
-0.002515   -1.171306     -19.780893
 0.14085   -43.006719     -47.923464      -1.944696
-0.002515   -0.355709     -32.433893
 0.28171   -43.006719     -47.923464      -1.944696
-0.002515   -0.409341     -65.401642
 0.42256   -43.006719     -47.923464      -1.944696
-0.002515   -1.108147    -106.935767
 0.56342   -43.006719     -47.923464      -1.944696
-0.002515   -1.807276    -154.443942

 COMB DL-G3-1 ---------- MAX

 REL DIST          P             V2             V3
        T          M2            M3
 0.00000    3.712064      26.604457       1.020159
 0.000397    0.597307     11.557965
 0.14085    3.712064      26.604457       1.020159
 0.000397    0.169307     4.248668
```

0.28171 3.712064 26.604457 1.020159
0.000397 0.271999 4.620237
0.42256 3.712064 26.604457 1.020159
0.000397 0.735312 6.474230
0.56342 3.712064 26.604457 1.020159
0.000397 1.198431 8.536883
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2594

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.905976 -5.594746 -1.104390
-0.000931 -0.654567 -7.471831
0.14085 -15.905976 -5.594746 -1.104390
-0.000931 -0.191405 -8.129768
0.28171 -15.905976 -5.594746 -1.104390
-0.000931 -0.256203 -15.295842
0.42256 -15.905976 -5.594746 -1.104390
-0.000931 -0.684683 -25.770745
0.56342 -15.905976 -5.594746 -1.104390
-0.000931 -1.112788 -36.753735

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.010316 70.125064 1.742233
0.000598 1.029793 15.298203
0.14085 26.010316 70.125064 1.742233
0.000598 0.463183 3.208164
0.28171 26.010316 70.125064 1.742233
0.000598 0.455702 4.047774
0.42256 26.010316 70.125064 1.742233
0.000598 1.228732 6.680741
0.56342 26.010316 70.125064 1.742233
0.000598 2.001873 9.668180

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -18.603787 -7.280204 -1.843663
-0.001633 -1.091376 -24.518482
0.14085 -18.603787 -7.280204 -1.843663
-0.001633 -0.317993 -39.367297
0.28171 -18.603787 -7.280204 -1.843663
-0.001633 -0.428919 -64.320437
0.42256 -18.603787 -7.280204 -1.843663
-0.001633 -1.160244 -92.772922
0.56342 -18.603787 -7.280204 -1.843663
-0.001633 -1.891236 -122.108356

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.989230 81.365865 1.996363
0.000441 1.177367 28.200442
0.14085 14.989230 81.365865 1.996363
0.000441 0.339565 19.759318
0.28171 14.989230 81.365865 1.996363
0.000441 0.541894 24.157226
0.42256 14.989230 81.365865 1.996363
0.000441 1.479204 32.195900
0.56342 14.989230 81.365865 1.996363
0.000441 2.415923 40.605720

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -30.663493 -20.697200 -2.233812
-0.001366 -1.331681 -17.116705
0.14085 -30.663493 -20.697200 -2.233812
-0.001366 -0.394175 -35.371204
0.28171 -30.663493 -20.697200 -2.233812
-0.001366 -0.492441 -63.642207
0.42256 -30.663493 -20.697200 -2.233812
-0.001366 -1.331356 -96.580541
0.56342 -30.663493 -20.697200 -2.233812
-0.001366 -2.169245 -130.430202

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.802510 117.661817 1.791175
0.003039 1.055803 66.214090
0.14085 15.802510 117.661817 1.791175
0.003039 0.307349 43.557988
0.28171 15.802510 117.661817 1.791175
0.003039 0.504473 41.064248
0.42256 15.802510 117.661817 1.791175
0.003039 1.384226 52.167588
0.56342 15.802510 117.661817 1.791175
0.003039 2.271115 66.711132
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2595

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -52.899299 -36.411671 -2.115640
-0.002722 -1.270007 -17.514261
0.14085 -52.899299 -36.411671 -2.115640
-0.002722 -0.391863 -29.605685
0.28171 -52.899299 -36.411671 -2.115640
-0.002722 -0.444529 -60.829221
0.42256 -52.899299 -36.411671 -2.115640
-0.002722 -0.497622 -103.944908
0.56342 -52.899299 -36.411671 -2.115640
-0.002722 -1.947381 -152.697032

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.046529 103.806416 1.246438
0.006416 0.734072 80.668120
0.14085 26.046529 103.806416 1.246438
0.006416 0.211700 66.123219
0.28171 26.046529 103.806416 1.246438
0.006416 0.378935 60.039021
0.42256 26.046529 103.806416 1.246438
0.006416 1.034984 78.630525
0.56342 26.046529 103.806416 1.246438
0.006416 1.692096 102.757784

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -40.852521 -61.175614 -1.566817
-0.004386 -0.936681 -23.687122
0.14085 -40.852521 -61.175614 -1.566817
-0.004386 -0.283752 -35.104735
0.28171 -40.852521 -61.175614 -1.566817
-0.004386 -0.315528 -53.268904
0.42256 -40.852521 -61.175614 -1.566817
-0.004386 -0.834234 -82.963546
0.56342 -40.852521 -61.175614 -1.566817
-0.004386 -1.356988 -124.945249

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.797062 117.661817 1.996363
0.006807 1.177367 86.655161
0.14085 40.797062 117.661817 1.996363
0.006807 0.339565 69.100507
0.28171 40.797062 117.661817 1.996363
0.006807 0.541894 71.602135
0.42256 40.797062 117.661817 1.996363
0.006807 1.479204 98.473034
0.56342 40.797062 117.661817 1.996363
0.006807 2.415923 133.029822

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -52.899299 -85.375902 -2.233812
-0.004044 -1.331681 -30.101718
0.14085 -52.899299 -85.375902 -2.233812
-0.004044 -0.394175 -39.367297
0.28171 -52.899299 -85.375902 -2.233812
-0.004044 -0.492441 -66.659588
0.42256 -52.899299 -85.375902 -2.233812
-0.004044 -1.331356 -106.935767
0.56342 -52.899299 -85.375902 -2.233812
-0.004044 -2.169245 -154.443942

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.797062 117.661817 1.996363
0.006807 1.177367 86.655161
0.14085 40.797062 117.661817 1.996363
0.006807 0.339565 69.100507
0.28171 40.797062 117.661817 1.996363
0.006807 0.541894 71.602135
0.42256 40.797062 117.661817 1.996363
0.006807 1.479204 98.473034
0.56342 40.797062 117.661817 1.996363
0.006807 2.415923 133.029822

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.797062 117.661817 1.996363
0.006807 1.177367 86.655161
0.14085 40.797062 117.661817 1.996363
0.006807 0.339565 69.100507
0.28171 40.797062 117.661817 1.996363
0.006807 0.541894 71.602135
0.42256 40.797062 117.661817 1.996363
0.006807 1.479204 98.473034
0.56342 40.797062 117.661817 1.996363
0.006807 2.415923 133.029822

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -52.899299 -85.375902 -2.233812
-0.004386 -1.331681 -30.101718
0.14085 -52.899299 -85.375902 -2.233812
-0.004386 -0.394175 -39.367297
0.28171 -52.899299 -85.375902 -2.233812
-0.004386 -0.492441 -66.659588
0.42256 -52.899299 -85.375902 -2.233812
-0.004386 -1.331356 -106.935767
0.56342 -52.899299 -85.375902 -2.233812
-0.004386 -2.169245 -154.443942

ELEM 236 ========== LENGTH = 2.977077

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 7.544385 36.694079 0.263234
0.001510 0.295298 43.523961
0.57750 7.544385 36.694079 0.263234
0.001510 0.184924 28.208245
0.71833 7.544385 36.694079 0.263234
0.001510 0.074582 13.011033
0.85917 7.544385 36.694079 0.263234
0.001510 0.080744 2.672770
1.00000 7.544385 36.694079 0.263234
0.001510 0.288710 2.347197

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.527968 -30.741692 -0.496201
-1.67E-05 -0.543477 -58.514819
0.57750 -1.527968 -30.741692 -0.496201
-1.67E-05 -0.335441 -45.722085
0.71833 -1.527968 -30.741692 -0.496201
-1.67E-05 -0.127401 -33.011438
0.85917 -1.527968 -30.741692 -0.496201
-1.67E-05 -0.035845 -20.879249
1.00000 -1.527968 -30.741692 -0.496201
-1.67E-05 -0.146212 -19.610071

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 7.460218 63.112608 0.472141
0.007634 0.490262 113.356200
0.57750 7.460218 63.112608 0.472141
0.007634 0.294449 88.552985
0.71833 7.460218 63.112608 0.472141
0.007634 0.116211 74.875344
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2597

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85917 7.460218 63.112608 0.472141
0.007634 0.127086 81.356312
1.00000 7.460218 63.112608 0.472141
0.007634 0.413615 101.396669

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -16.796260 -114.012421 -0.685175
-0.005746 -0.746758 -102.529253
0.57750 -16.796260 -114.012421 -0.685175
-0.005746 -0.463998 -60.480722
0.71833 -16.796260 -114.012421 -0.685175
-0.005746 -0.181731 -40.621168
0.85917 -16.796260 -114.012421 -0.685175
-0.005746 -0.105162 -25.652570
1.00000 -16.796260 -114.012421 -0.685175
-0.005746 -0.302058 -11.977971

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.915801 70.513396 0.692028
0.005547 0.746507 117.579483
0.57750 8.915801 70.513396 0.692028
0.005547 0.457798 93.657443
0.71833 8.915801 70.513396 0.692028
0.005547 0.181074 77.549333
0.85917 8.915801 70.513396 0.692028
0.005547 0.157633 75.856933
1.00000 8.915801 70.513396 0.692028
0.005547 0.575007 88.799636

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.591390 -122.074985 -0.997688
-0.004496 -1.106383 -130.486372
0.57750 -13.591390 -122.074985 -0.997688
-0.004496 -0.691227 -83.504752
0.71833 -13.591390 -122.074985 -0.997688
-0.004496 -0.276612 -51.800520
0.85917 -13.591390 -122.074985 -0.997688
-0.004496 -0.124735 -22.846074
1.00000 -13.591390 -122.074985 -0.997688
-0.004496 -0.414244 -14.086510

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 14.310275 70.698664 0.916920
0.004608 1.001222 120.372479
0.57750 14.310275 70.698664 0.916920
0.004608 0.617978 95.423228
0.71833 14.310275 70.698664 0.916920
0.004608 0.244682 77.013380
0.85917 14.310275 70.698664 0.916920
0.004608 0.193216 70.717693
1.00000 14.310275 70.698664 0.916920
0.004608 0.730229 77.037468

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -12.865928 -105.248777 -1.282592
-0.004233 -1.427629 -128.346521
0.57750 -12.865928 -105.248777 -1.282592
-0.004233 -0.892500 -88.200410
0.71833 -12.865928 -105.248777 -1.282592
-0.004233 -0.357825 -61.007136
0.85917 -12.865928 -105.248777 -1.282592
-0.004233 -0.152863 -36.600825
1.00000 -12.865928 -105.248777 -1.282592
-0.004233 -0.536717 -29.096595

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 0.439712 13.521930 0.258321
0.005005 0.256647 39.967198
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2598

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57750 0.439712 13.521930 0.258321
0.005005 0.150119 37.418441
0.71833 0.439712 13.521930 0.258321
0.005005 0.052583 44.585494
0.85917 0.439712 13.521930 0.258321
0.005005 0.052558 69.273561
1.00000 0.439712 13.521930 0.258321
0.005005 0.168073 102.537325

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -13.996247 -92.764140 -0.277420
-0.005061 -0.306732 -57.059560
0.57750 -13.996247 -92.764140 -0.277420
-0.005061 -0.194158 -23.105295
0.71833 -13.996247 -92.764140 -0.277420
-0.005061 -0.082212 -7.859305
0.85917 -13.996247 -92.764140 -0.277420
-0.005061 -0.069483 -2.076207
1.00000 -13.996247 -92.764140 -0.277420
-0.005061 -0.176820 -1.924161

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.152759 29.770316 0.602170
0.004658 0.393407 51.596411
0.57750 8.152759 29.770316 0.602170
0.004658 0.393407 51.596411
0.71833 8.152759 29.770316 0.602170
0.004658 0.156303 54.360325
0.85917 8.152759 29.770316 0.602170
0.004658 0.116759 73.551855
1.00000 8.152759 29.770316 0.602170
0.004658 0.440344 100.466671

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -11.447654 -107.425608 -0.774179
-0.005364 -0.867324 -92.072722
0.57750 -11.447654 -107.425608 -0.774179
-0.005364 -0.546286 -52.211553
0.71833 -11.447654 -107.425608 -0.774179
-0.005364 -0.225843 -29.949656
0.85917 -11.447654 -107.425608 -0.774179
-0.005364 -0.114178 -11.316845
1.00000 -11.447654 -107.425608 -0.774179
-0.005364 -0.365838 -14.425384

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 10.320360 77.802866 0.748468
0.004169 0.808739 150.397406
0.57750 10.320360 77.802866 0.748468
0.004169 0.496086 123.376100
0.71833 10.320360 77.802866 0.748468
0.004169 0.183166 102.830740
0.85917 10.320360 77.802866 0.748468
0.004169 0.144062 94.269123
1.00000 10.320360 77.802866 0.748468
0.004169 0.548427 92.864872

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -17.446236 -105.768883 -0.966413
-0.003992 -1.079064 -114.996929
0.57750 -17.446236 -105.768883 -0.966413
-0.003992 -0.676418 -74.578760
0.71833 -17.446236 -105.768883 -0.966413
-0.003992 -0.274401 -46.862621
0.85917 -17.446236 -105.768883 -0.966413
-0.003992 -0.133404 -22.807042
1.00000 -17.446236 -105.768883 -0.966413
-0.003992 -0.446624 -18.683799
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2599

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 11.247714 75.746762 0.995279
0.003489 1.086176 148.698546
0.57750 11.247714 75.746762 0.995279
0.003489 0.669872 121.665623
0.71833 11.247714 75.746762 0.995279
0.003489 0.261712 100.037948
0.85917 11.247714 75.746762 0.995279
0.003489 0.183817 88.396819
1.00000 11.247714 75.746762 0.995279
0.003489 0.715985 82.595701

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -16.576900 -89.974665 -1.271035
-0.003820 -1.421268 -113.333870
0.57750 -16.576900 -89.974665 -1.271035
-0.003820 -0.890482 -78.972052
0.71833 -16.576900 -89.974665 -1.271035
-0.003820 -0.360235 -55.264984
0.85917 -16.576900 -89.974665 -1.271035
-0.003820 -0.166266 -34.375277
1.00000 -16.576900 -89.974665 -1.271035
-0.003820 -0.583083 -30.497097

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 1.292849 16.092789 0.589844
6.70E-06 0.653021 37.014491
0.57750 1.292849 16.092789 0.589844
6.70E-06 0.405720 30.288418
0.71833 1.292849 16.092789 0.589844
6.70E-06 0.158449 23.598031
0.85917 1.292849 16.092789 0.589844
6.70E-06 0.097131 17.002054
1.00000 1.292849 16.092789 0.589844
6.70E-06 0.396486 10.664602

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -3.831056 -2.863130 -0.714071
-0.000731 -0.801082 -26.044737
0.57750 -3.831056 -2.863130 -0.714071
-0.000731 -0.501699 -24.905443
0.71833 -3.831056 -2.863130 -0.714071
-0.000731 -0.202319 -23.819798
0.85917 -3.831056 -2.863130 -0.714071
-0.000731 -0.088888 -22.761927
1.00000 -3.831056 -2.863130 -0.714071
-0.000731 -0.336193 -21.739407

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 12.248263 31.142769 0.946497
0.000193 1.050647 61.717220
0.57750 12.248263 31.142769 0.946497
0.000193 0.653902 48.875193
0.71833 12.248263 31.142769 0.946497
0.000193 0.257781 36.540423
0.85917 12.248263 31.142769 0.946497
0.000193 0.164729 25.869736
1.00000 12.248263 31.142769 0.946497
0.000193 0.670356 16.272078

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -5.426500 -13.296143 -1.206612
-0.001496 -1.353717 -53.431770
0.57750 -5.426500 -13.296143 -1.206612
-0.001496 -0.847965 -48.955492
0.71833 -5.426500 -13.296143 -1.206612
-0.001496 -0.342240 -45.497867
0.85917 -5.426500 -13.296143 -1.206612
-0.001496 -0.140116 -42.756231
1.00000 -5.426500 -13.296143 -1.206612
-0.001496 -0.536810 -40.693803
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2600

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.585380 38.219113 1.075760
0.000306 1.192376 72.950634
0.57750 8.585380 38.219113 1.075760
0.000306 0.741432 62.016764
0.71833 8.585380 38.219113 1.075760
0.000306 0.291411 52.115135
0.85917 8.585380 38.219113 1.075760
0.000306 0.183288 44.685526
1.00000 8.585380 38.219113 1.075760
0.000306 0.758781 44.611926

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -7.999687 -57.033012 -1.373762
-0.001924 -1.546337 -93.402217
0.57750 -7.999687 -57.033012 -1.373762
-0.001924 -0.970684 -78.219196
0.71833 -7.999687 -57.033012 -1.373762
-0.001924 -0.395268 -49.642693
0.85917 -7.999687 -57.033012 -1.373762
-0.001924 -0.160796 -32.261565
1.00000 -7.999687 -57.033012 -1.373762
-0.001924 -0.611767 -34.577413

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.759849 69.897047 1.073601
0.003665 1.168709 146.700107
0.57750 8.759849 69.897047 1.073601
0.003665 0.719724 122.082633
0.71833 8.759849 69.897047 1.073601
0.003665 0.280360 103.788968
0.85917 8.759849 69.897047 1.073601
0.003665 0.187964 97.102064
1.00000 8.759849 69.897047 1.073601
0.003665 0.736364 96.308478

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -18.510448 -89.074648 -1.310085
-0.004425 -1.467399 -107.017024
0.57750 -18.510448 -89.074618 -1.310085
-0.004425 -0.920625 -73.436727
0.71833 -18.510448 -89.074618 -1.310085
-0.004425 -0.374288 -52.280351
0.85917 -18.510448 -89.074618 -1.310085
-0.004425 -0.182566 -33.964447
1.00000 -18.510448 -89.074618 -1.310085
-0.004425 -0.631941 -32.235907

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 14.908792 32.897160 0.316673
0.001605 0.355217 40.425332
0.57750 14.908792 32.897160 0.316673
0.001605 0.222207 26.883364
0.71833 14.908792 32.897160 0.316673
0.001605 0.089497 13.662081
0.85917 14.908792 32.897160 0.316673
0.001605 0.102525 3.922401
1.00000 14.908792 32.897160 0.316673
0.001605 0.364541 2.748878

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -2.594599 -42.561028 -0.626056

```
-1.24E-05    -0.684814   -88.016667
 0.57750     -2.594599   -42.561028    -0.626056
-1.24E-05    -0.422278   -70.418793
 0.71833     -2.594599   -42.561028    -0.626056
-1.24E-05    -0.159954   -53.076302
 0.85917     -2.594599   -42.561028    -0.626056
-1.24E-05    -0.042529   -37.762882
 1.00000     -2.594599   -42.561028    -0.626056
-1.24E-05    -0.174602   -31.151486
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2601

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     14.403761      56.781037      0.606685
 0.007662     0.637732     106.851812
 0.57750     14.403761      56.781037      0.606685
 0.007662     0.391090      85.259243
 0.71833     14.403761      56.781037      0.606685
 0.007662     0.153088      76.009630
 0.85917     14.403761      56.781037      0.606685
 0.007662     0.158986      85.676335
 1.00000     14.403761      56.781037      0.606685
 0.007662     0.527222     106.019282

COMB DL-G1-2 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -18.880128    -124.162449     -0.882568
-0.006021    -0.959692    -136.744372
 0.57750    -18.880128    -124.162449     -0.882568
-0.006021    -0.594780     -86.592538
 0.71833    -18.880128    -124.162449     -0.882568
-0.006021    -0.235917     -60.077199
 0.85917    -18.880128    -124.162449     -0.882568
-0.006021    -0.125433     -39.650559
 1.00000    -18.880128    -124.162449     -0.882568
-0.006021    -0.377852     -25.393654

COMB DL-G1-3 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     15.203351      67.916517      1.021640
 0.005765     1.111960     124.653620
 0.57750     15.203351      67.916517      1.021640
 0.005765     0.689043      99.739480
 0.71833     15.203351      67.916517      1.021640
 0.005765     0.271717      83.947930
 0.85917     15.203351      67.916517      1.021640
 0.005765     0.214345      82.439387
 1.00000     15.203351      67.916517      1.021640
 0.005765     0.794286      97.109264

COMB DL-G1-3 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -16.477104    -125.995552     -1.385290
-0.004801    -1.533705    -151.603610
 0.57750    -16.477104    -125.995552     -1.385290
-0.004801    -0.956474    -100.441390
 0.71833    -16.477104    -125.995552     -1.385290
-0.004801    -0.383385     -66.309816
 0.85917    -16.477104    -125.995552     -1.385290
-0.004801    -0.171074     -36.456598
 1.00000    -16.477104    -125.995552     -1.385290
-0.004801    -0.597890     -25.247853

COMB DL-G1-4 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     19.896765      72.962794      1.368418
 0.004790     1.503933     132.966765
 0.57750     19.896765      72.962794      1.368418
 0.004790     0.934477     105.595563
 0.71833     19.896765      72.962794      1.368418
 0.004790     0.369900      85.798281
 0.85917     19.896765      72.962794      1.368418
 0.004790     0.267000      78.148839
 1.00000     19.896765      72.962794      1.368418
 0.004790     1.012695      84.569011

COMB DL-G1-4 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -15.830276    -109.025459     -1.780150
-0.004494    -1.233719    -146.797900
 0.57750    -15.830276    -109.025459     -1.780150
-0.004494    -1.233319    -102.715290
 0.71833    -15.830276    -109.025459     -1.780150
-0.004494    -0.493305     -72.934847
 0.85917    -15.830276    -109.025459     -1.780150
-0.004494    -0.215021     -47.374975
 1.00000    -15.830276    -109.025459     -1.780150
-0.004494    -0.787467     -38.157968
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2602

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     0.406762      14.533625      0.395702
 0.004148    0.411088      46.209516
 0.57750     0.406762      14.533625      0.395702
 0.004148    0.250752      42.891733
 0.71833     0.406762      14.533625      0.395702
 0.004148    0.096229      48.788598
 0.85917     0.406762      14.533625      0.395702
 0.004148    0.061484      70.727194
 1.00000     0.406762      14.533625      0.395702
 0.004148    0.219510      98.086845

COMB DL-G2-1 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -16.497590     -80.405652     -0.378603
-0.004457    -0.420553     -54.430160
 0.57750    -16.497590     -80.405652     -0.378603
-0.004457    -0.279430     -22.479740
 0.71833    -16.497590     -80.405652     -0.378603
-0.004457    -0.114456      -7.546345
 0.85917    -16.497590     -80.405652     -0.378603
-0.004457    -0.086858      -2.258918
 1.00000    -16.497590     -80.405652     -0.378603
-0.004457    -0.251335      -2.069768

COMB DL-G2-2 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     7.867767      36.177745      0.968378
 0.003959     1.054974      78.903680
 0.57750     7.867767      36.177745      0.968378
 0.003959     0.653998      67.630415
 0.71833     7.867767      36.177745      0.968378
 0.003959     0.258637      65.100867
 0.85917     7.867767      36.177745      0.968378
 0.003959     0.163030      76.667994
 1.00000     7.867767      36.177745      0.968378
 0.003959     0.633805      98.934476

COMB DL-G2-2 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -13.786894    -91.820538     -1.123775
-0.004863    -1.256151    -83.230390
 0.57750    -13.786894    -91.820538     -1.123775
-0.004863    -0.788190    -46.507417
 0.71833    -13.786894    -91.820538     -1.123775
-0.004863    -0.324195    -26.053060
 0.85917    -13.786894    -91.820538     -1.123775
-0.004863    -0.162065    -10.780646
 1.00000    -13.786894    -91.820538     -1.123775
-0.004863    -0.566996    -13.781988

COMB DL-G2-3 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     11.897806      78.781412      1.116658
 0.003485     1.223452     161.741185
 0.57750     11.897806      78.781412      1.116658
 0.003485     0.758339     132.023971
 0.71833     11.897806      78.781412      1.116658
 0.003485     0.296953     108.271988
 0.85917     11.897806      78.781412      1.116658
 0.003485     0.197585      94.550248
 1.00000     11.897806      78.781412      1.116658
 0.003485     0.773958      91.173488

COMB DL-G2-3 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -19.355559     -97.799189     -1.376271
-0.003392    -1.537325    -118.311131
 0.57750    -19.355559     -97.799189     -1.376271
-0.003392    -0.962228     -78.763109
 0.71833    -19.355559     -97.799189     -1.376271
-0.003392    -0.389741     -50.041180
 0.85917    -19.355559     -97.799189     -1.376271
-0.003392    -0.179156     -25.974407
 1.00000    -19.355559     -97.799189     -1.376271
-0.003392    -0.646378     -19.159363
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2603

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     12.894911      80.808980      1.513809
 0.002918     1.667920     165.555560
 0.57750     12.894911      80.808980      1.513809
 0.002918     1.035676     134.589006
 0.71833     12.894911      80.808980      1.513809
 0.002918     0.406573     108.673718
 0.85917     12.894911      80.808980      1.513809
 0.002918     0.255544      91.198716
 1.00000     12.894911      80.808980      1.513809
 0.002918     1.010514      82.607595

COMB DL-G2-4 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -19.324751     -84.592892     -1.801044
-0.003347    -2.012820    -118.486902
 0.57750    -19.324751     -84.592892     -1.801044
-0.003347    -1.259371     -84.384216
 0.71833    -19.324751     -84.592892     -1.801044
-0.003347    -0.508062     -59.383993
 0.85917    -19.324751     -84.592892     -1.801044
-0.003347    -0.253533     -38.149882
 1.00000    -19.324751     -84.592892     -1.801044
-0.003347    -0.867769     -31.805636

COMB DL-G3-1 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     2.227445      22.048386      0.936739
 3.91E-06    1.038751      48.320502
 0.57750     2.227445      22.048386      0.936739
 3.91E-06    0.645732      39.369909
 0.71833     2.227445      22.048386      0.936739
 3.91E-06    0.252678      30.564988
 0.85917     2.227445      22.048386      0.936739
 3.91E-06    0.137467      22.096958
 1.00000     2.227445      22.048386      0.936739
 3.91E-06    0.558452      13.963504

COMB DL-G3-1 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -7.455314     -5.740013     -1.002303
-0.000765    -1.122747    -30.823579
 0.57750    -7.455314     -5.740013     -1.002303
-0.000765    -0.702507    -28.730871
 0.71833    -7.455314     -5.740013     -1.002303
-0.000765    -0.282313    -26.827516
 0.85917    -7.455314     -5.740013     -1.002303
-0.000765    -0.138061    -25.261524
 1.00000    -7.455314     -5.740013     -1.002303
-0.000765    -0.531074    -23.969310

COMB DL-G3-2 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     13.556856      42.733693      1.496423
 0.000123     1.664881      82.442936
 0.57750     13.556856      42.733693      1.496423
 0.000123     1.037060      65.172274
 0.71833     13.556856      42.733693      1.496423
 0.000123     0.409783      48.358682
 0.85917     13.556856      42.733693      1.496423
 0.000123     0.239517      32.914933
 1.00000     13.556856      42.733693      1.496423
 0.000123     0.960217      19.225926

COMB DL-G3-2 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     -9.016372     -15.608732     -1.718239
-0.001496    -1.192164     -57.768361
 0.57750     -9.016372     -15.608732     -1.718239
-0.001496    -1.201275     -51.986465
 0.71833     -9.016372     -15.608732     -1.718239
-0.001496    -0.481158     -47.190988
 0.85917     -9.016372     -15.608732     -1.718239
-0.001496    -0.215317     -44.149776
 1.00000     -9.016372     -15.608732     -1.718239
-0.001496    -0.843003     -42.991801
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2604

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     9.430240      49.600309      1.730906
 5.46E-06    1.924646     101.689252
 0.57750     9.430240      49.600309      1.730906
 5.46E-06    1.198097      83.739062
 0.71833     9.430240      49.600309      1.730906
 5.46E-06    0.471983      66.692457
 0.85917     9.430240      49.600309      1.730906
 5.46E-06    0.263423      52.831027
 1.00000     9.430240      49.600309      1.730906
 5.46E-06    1.088378      48.919301

COMB DL-G3-3 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -13.036752     -49.335201     -1.965892
-0.001607    -2.208658     -87.369522
 0.57750    -13.036752     -49.335201     -1.965892
-0.001607    -1.384192     -67.734419
 0.71833    -13.036752     -49.335201     -1.965892
-0.001607    -0.559733     -48.936324
 0.85917    -13.036752     -49.335201     -1.965892
-0.001607    -0.249917     -34.799312
 1.00000    -13.036752     -49.335201     -1.965892
-0.001607    -0.975173     -36.769285

COMB DL-G3-4 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     9.859427      77.619147      1.660412
 0.002774     1.826905     168.759506
 0.57750     9.859427      77.619147      1.660412
 0.002774     1.133276     139.341604
 0.71833     9.859427      77.619147      1.660412
 0.002774     0.443384     115.488460
 0.85917     9.859427      77.619147      1.660412
 0.002774     0.261370     101.272809
 1.00000     9.859427      77.619147      1.660412
 0.002774     1.045246      95.521627

COMB DL-G3-4 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -23.059655     -79.844531     -1.869829
-0.003681    -2.093719    -107.904584
 0.57750    -23.059655     -79.844531     -1.869829
-0.003681    -1.311544     -76.070918
 0.71833    -23.059655     -79.844531     -1.869829
-0.003681    -0.531834     -54.240018
 0.85917    -23.059655     -79.844531     -1.869829
-0.003681    -0.259445     -37.504318
 1.00000    -23.059655     -79.844531     -1.869829
-0.003681    -0.954635     -34.508340

COMB     DB -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     14.310275      77.802866      1.075760
 0.007634     1.192376     150.397406
 0.57750     14.310275      77.802866      1.075760
 0.007634     0.741432     123.376100
 0.71833     14.310275      77.802866      1.075760
 0.007634     0.291411     103.788968
 0.85917     14.310275      77.802866      1.075760
 0.007634     0.126216      97.120964
 1.00000     14.310275      77.802866      1.075760
 0.007634     0.758781     102.537325

COMB     DB -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -18.510448    -122.074985     -1.373762
-0.005746    -1.546337    -130.486372
 0.57750    -18.510448    -122.074985     -1.373762
-0.005746    -0.970684     -88.200410
 0.71833    -18.510448    -122.074985     -1.373762
-0.005746    -0.395268     -61.007136
 0.85917    -18.510448    -122.074985     -1.373762
-0.005746    -0.182566     -42.756231
 1.00000    -18.510448    -122.074985     -1.373762
-0.005746    -0.631941     -40.693803
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2605

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     19.896765      80.808980      1.730906
 0.007662     1.924646     168.759506
 0.57750     19.896765      80.808980      1.730906
 0.007662     1.198097     139.341604
 0.71833     19.896765      80.808980      1.730906
 0.007662     0.471983     115.488460
 0.85917     19.896765      80.808980      1.730906
 0.007662     0.267000     101.272809
 1.00000     19.896765      80.808980      1.730906
 0.007662     1.088378     106.019282

COMB     DL -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -23.059655     -125.995552     -1.965892
-0.006021    -2.208658     -151.603610
 0.57750    -23.059655     -125.995552     -1.965892
-0.006021    -1.384192     -102.715290
 0.71833    -23.059655     -125.995552     -1.965892
-0.006021    -0.559733      -72.934847
 0.85917    -23.059655     -125.995552     -1.965892
-0.006021    -0.259445      -47.374975
 1.00000    -23.059655     -125.995552     -1.965892
-0.006021    -0.975173      -42.991801

COMB     CAR -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     19.896765      80.808980      1.730906
 0.007662     1.924646     168.759506
 0.57750     19.896765      80.808980      1.730906
 0.007662     1.198097     139.341604
 0.71833     19.896765      80.808980      1.730906
 0.007662     0.471983     115.488460
 0.85917     19.896765      80.808980      1.730906
 0.007662     0.267000     101.272809
 1.00000     19.896765      80.808980      1.730906
 0.007662     1.088378     106.019282

COMB     CAR -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -23.059655     -125.995552     -1.965892
-0.006021    -2.208658     -151.603610
 0.57750    -23.059655     -125.995552     -1.965892
-0.006021    -1.384192     -102.715290
 0.71833    -23.059655     -125.995552     -1.965892
-0.006021    -0.559733      -72.934847
 0.85917    -23.059655     -125.995552     -1.965892
-0.006021    -0.259445      -47.374975
 1.00000    -23.059655     -125.995552     -1.965892
-0.006021    -0.975173      -42.991801

COMB  DESIGN -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.43667     19.896765      80.808980      1.730906
 0.007662     1.924646     168.759506
 0.57750     19.896765      80.808980      1.730906
 0.007662     1.198097     139.341604
 0.71833     19.896765      80.808980      1.730906
 0.007662     0.471983     115.488460
 0.85917     19.896765      80.808980      1.730906
 0.007662     0.267000     101.272809
 1.00000     19.896765      80.808980      1.730906
 0.007662     1.088378     106.019282

COMB  DESIGN -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.43667    -23.059655     -125.995552     -1.965892
-0.006021    -2.208658     -151.603610
 0.57750    -23.059655     -125.995552     -1.965892
-0.006021    -1.384192     -102.715290
 0.71833    -23.059655     -125.995552     -1.965892
-0.006021    -0.559733      -72.934847
 0.85917    -23.059655     -125.995552     -1.965892
-0.006021    -0.259445      -47.374975
 1.00000    -23.059655     -125.995552     -1.965892
-0.006021    -0.975173      -42.991801
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2606

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      237 ================== LENGTH
=    2.977171

COMB DB-G1-1 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     7.535475      36.302747      0.326517
 0.001378     0.188097      2.343506
 0.14084     7.535475      36.302747      0.326517
 0.001378     0.052081      6.856882
 0.28167     7.535475      36.302747      0.326517
 0.001378     0.116250      19.244275
 0.42251     7.535475      36.302747      0.326517
 0.001378     0.273021      32.012218
 0.56334     7.535475      36.302747      0.326517
 0.001378     0.429804      44.800885

COMB DB-G1-1 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.00000    -1.498099     -30.655701     -0.373932
-7.08E-06    -0.197336     -19.621504
 0.14084    -1.498099     -30.655701     -0.373932
-7.08E-06    -0.040478     -34.069903
 0.28167    -1.498099     -30.655701     -0.373932
-7.08E-06    -0.086124     -49.107083
 0.42251    -1.498099     -30.655701     -0.373932
-7.08E-06    -0.222747     -64.284321
 0.56334    -1.498099     -30.655701     -0.373932
-7.08E-06    -0.359580     -79.485611

COMB DB-G1-2 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     7.027910      127.603441     0.417153
 0.007412     0.248232     101.766857
 0.14084     7.027910      127.603441     0.417153
 0.007412     0.084429      82.612825
 0.28167     7.027910      127.603441     0.417153
 0.007412     0.181324      71.184350
 0.42251     7.027910      127.603441     0.417153
 0.007412     0.426360      82.236625
 0.56334     7.027910      127.603441     0.417153
 0.007412     0.689899     103.211399

COMB DB-G1-2 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.00000    -18.678720     -52.796777     -0.634166
-0.005815    -0.375591     -11.984338
 0.14084    -18.678720     -52.796777     -0.634166
-0.005815    -0.111980     -32.894607
 0.28167    -18.678720     -52.796777     -0.634166
-0.005815    -0.115563     -55.384871
 0.42251    -18.678720     -52.796777     -0.634166
-0.005815    -0.290046     -85.775878
 0.56334    -18.678720     -52.796777     -0.634166
-0.005815    -0.464900    -136.439600

COMB DB-G1-3 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     8.682678      114.291586     0.643318
 0.005370     0.369224      89.042902
 0.14084     8.682678      114.291586     0.643318
 0.005370     0.106871      90.951143
 0.28167     8.682678      114.291586     0.643318
 0.005370     0.281828      101.101921
 0.42251     8.682678      114.291586     0.643318
 0.005370     0.687357      127.326500
 0.56334     8.682678      114.291586     0.643318
 0.005370     1.105442      160.351989

COMB DB-G1-3 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.00000    -14.884612     -80.869864     -1.000952
-0.004101    -0.574736     -14.058122
 0.14084    -14.884612     -80.869864     -1.000952
-0.004101    -0.156620     -38.159404
 0.28167    -14.884612     -80.869864     -1.000952
-0.004101    -0.179429     -65.647589
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2607

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P              V2             V3
           T              M2             M3
 0.42251    -14.884612     -80.869864     -1.000952
-0.004101    -0.448781     -97.824616
 0.56334    -14.884612     -80.869864     -1.000952
-0.004101    -0.718507    -143.819614

COMB DB-G1-4 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     14.126131      107.058824     0.873204
 0.004461     0.495496      77.246269
 0.14084     14.126131      107.058824     0.873204
 0.004461     0.135655      76.039869
 0.28167     14.126131      107.058824     0.873204
 0.004461     0.364172      84.830661
 0.42251     14.126131      107.058824     0.873204
 0.004461     0.893940      107.324046
 0.56334     14.126131      107.058824     0.873204
 0.004461     1.434166      135.753345

COMB DB-G1-4 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.00000    -13.945298     -71.165542     -1.291606
-0.004047    -0.733291     -17.076318
 0.14084    -13.945298     -71.165542     -1.291606
-0.004047    -0.193019     -49.514748
 0.28167    -13.945298     -71.165542     -1.291606
-0.004047    -0.244483     -71.748697
 0.42251    -13.945298     -71.165542     -1.291606
-0.004047    -0.610257     -98.783540
 0.56334    -13.945298     -71.165542     -1.291606
-0.004047    -0.976380    -138.154583

COMB DB-G2-1 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     0.090362      68.066899      0.150725
 0.004801     0.091161     102.843813
 0.14084     0.090362      68.066899      0.150725
 0.004801     0.035867      92.257950
 0.28167     0.090362      68.066899      0.150725
 0.004801     0.094061      82.274248
 0.42251     0.090362      68.066899      0.150725
 0.004801     0.231692      90.796882
 0.56334     0.090362      68.066899      0.150725
 0.004801     0.384878     107.449985

COMB DB-G2-1 -------------------- MIN

REL DIST          P              V2             V3
           T              M2             M3
 0.00000    -15.610610     -41.895059     -0.370036
-0.004862    -0.237180     -1.912633
 0.14084    -15.610610     -41.895059     -0.370036
-0.004862    -0.083843     -3.903560
 0.28167    -15.610610     -41.895059     -0.370036
-0.004862    -0.045631     -6.588092
 0.42251    -15.610610     -41.895059     -0.370036
-0.004862    -0.108796     -15.846474
 0.56334    -15.610610     -41.895059     -0.370036
-0.004862    -0.171955     -42.048335

COMB DB-G2-2 -------------------- MAX

REL DIST          P              V2             V3
           T              M2             M3
 0.00000     7.907444      80.550773      0.521782
```

0.004469	0.299807	100.753579	
0.14084	7.907444	80.550773	0.521782
0.004469	0.088516	96.023110	
0.28167	7.907444	80.550773	0.521782
0.004469	0.241399	93.815750	
0.42251	7.907444	80.550773	0.521782
0.004469	0.600701	109.877618	
0.56334	7.907444	80.550773	0.521782
0.004469	0.974380	133.907002	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.973537	-60.412464	-0.895588
-0.004988	-0.529182	-14.414060	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-12.973537	-60.412464	-0.895588
-0.004988	-0.155292	-20.919686	
0.28167	-12.973537	-60.412464	-0.895588
-0.004988	-0.147412	-26.154627	
0.42251	-12.973537	-60.412464	-0.895588
-0.004988	-0.366226	-41.938852	
0.56334	-12.973537	-60.412464	-0.895588
-0.004988	-0.585022	-72.413244	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.159664	113.161915	0.628330
0.004253	0.353994	93.052802	
0.14084	10.159664	113.161915	0.628330
0.004253	0.096927	84.947918	
0.28167	10.159664	113.161915	0.628330
0.004253	0.288401	94.109868	
0.42251	10.159664	113.161915	0.628330
0.004253	0.715441	117.344793	
0.56334	10.159664	113.161915	0.628330
0.004253	1.152642	146.497969	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.500734	-72.591026	-1.045909
-0.003620	-0.602866	-18.661577	
0.14084	-18.500734	-72.591026	-1.045909
-0.003620	-0.155890	-26.005472	
0.28167	-18.500734	-72.591026	-1.045909
-0.003620	-0.180827	-54.179675	
0.42251	-18.500734	-72.591026	-1.045909
-0.003620	-0.443894	-87.073741	
0.56334	-18.500734	-72.591026	-1.045909
-0.003620	-0.706961	-131.958958	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.116678	105.430857	0.869592
0.003558	0.595471	82.759498	
0.14084	11.116678	105.430857	0.869592
0.003558	0.126202	71.361017	
0.28167	11.116678	105.430857	0.869592
0.003558	0.375582	79.059986	
0.42251	11.116678	105.430857	0.869592
0.003558	0.932715	98.753850	
0.56334	11.116678	105.430857	0.869592
0.003558	1.498359	123.338666	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.467577	-62.201335	-1.351719
-0.003681	-0.769805	-30.481282	
0.14084	-17.467577	-62.201335	-1.351719
-0.003681	-0.204340	-36.224549	
0.28167	-17.467577	-62.201335	-1.351719
-0.003681	-0.250348	-59.290833	
0.42251	-17.467577	-62.201335	-1.351719
-0.003681	-0.214638	-86.241279	
0.56334	-17.467577	-62.201335	-1.351719
-0.003681	-0.978928	-123.122158	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.298588	16.271850	0.530353
9.58E-06	0.290241	10.673294	
0.14084	1.298588	16.271850	0.530353
9.58E-06	0.067860	5.707922	
0.28167	1.298588	16.271850	0.530353
9.58E-06	0.209856	5.187805	
0.42251	1.298588	16.271850	0.530353
9.58E-06	0.523141	2.191462	
0.56334	1.298588	16.271850	0.530353
9.58E-06	0.836446	2.963207	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.843950	-2.820974	-0.747228
-0.001046	-0.416787	-21.743549	
0.14084	-3.843950	-2.820974	-0.747228
-0.001046	-0.103505	-20.765528	
0.28167	-3.843950	-2.820974	-0.747228
-0.001046	-0.154528	-19.871381	
0.42251	-3.843950	-2.820974	-0.747228
-0.001046	-0.376898	-19.085921	
0.56334	-3.843950	-2.820974	-0.747228
-0.001046	-0.599271	-18.388941	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.257388	33.362073	0.899905
0.000213	0.498570	16.298402	
0.14084	12.257388	33.362073	0.899905
0.000213	0.121866	8.639765	
0.28167	12.257388	33.362073	0.899905
0.000213	0.351857	6.115896	
0.42251	12.257388	33.362073	0.899905
0.000213	0.875937	8.661991	
0.56334	12.257388	33.362073	0.899905
0.000213	1.400608	12.229255	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.506831	-11.627803	-1.251511
-0.001927	-0.698487	-40.702151	
0.14084	-5.506831	-11.627803	-1.251511
-0.001927	-0.173800	-39.646394	
0.28167	-5.506831	-11.627803	-1.251511
-0.001927	-0.253932	-40.753932	
0.42251	-5.506831	-11.627803	-1.251511
-0.001927	-0.634039	-42.242061	
0.56334	-5.506831	-11.627803	-1.251511
-0.001927	-1.011347	-45.896500	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.645160	41.716110	0.985624
0.000294	0.544078	44.633185	
0.14084	8.645160	41.716110	0.985624
0.000294	0.131323	55.071441	
0.28167	8.645160	41.716110	0.985624
0.000294	0.412323	70.327547	
0.42251	8.645160	41.716110	0.985624
0.000294	1.034582	91.399072	
0.56334	8.645160	41.716110	0.985624
0.000294	1.657751	113.336854	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.134820	-54.611931	-1.486530
-0.001770	-0.835683	-34.575043	
0.14084	-8.134820	-54.611931	-1.486530
-0.001770	-0.212520	-40.109110	
0.28167	-8.134820	-54.611931	-1.486530
-0.001770	-0.283169	-45.837430	
0.42251	-8.134820	-54.611931	-1.486530
-0.001770	-0.696414	-52.340558	
0.56334	-8.134820	-54.611931	-1.486530
-0.001770	-1.109695	-60.649921	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.595410	105.202063	0.906524
0.003734	0.504024	96.508228	
0.14084	8.595410	105.202063	0.906524
0.003734	0.129874	79.431366	
0.28167	8.595410	105.202063	0.906524
0.003734	0.395059	77.389511	
0.42251	8.595410	105.202063	0.906524
0.003734	0.984545	93.648455	
0.56334	8.595410	105.202063	0.906524
0.003734	1.584309	115.663520	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.588677	-56.162076	-1.433481
-0.004394	-0.820951	-32.224080	
0.14084	-19.588677	-56.162076	-1.433481
-0.004394	-0.221595	-33.711179	
0.28167	-19.588677	-56.162076	-1.433481
-0.004394	-0.263763	-51.233217	
0.42251	-19.588677	-56.162076	-1.433481
-0.004394	-0.643767	-74.572357	
0.56334	-19.588677	-56.162076	-1.433481
-0.004394	-1.023828	-109.631851	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.892099	32.553852	0.390506
0.001503	0.224425	2.741082	
0.14084	14.892099	32.553852	0.390506
0.001503	0.061531	6.250130	
0.28167	14.892099	32.553852	0.390506
0.001503	0.141861	21.605350	
0.42251	14.892099	32.553852	0.390506
0.001503	0.331161	38.721515	
0.56334	14.892099	32.553852	0.390506
0.001503	0.520444	56.241017	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.567200	-42.468085	-0.451388
-4.20E-06	-0.236359	-31.143899	
0.14084	-2.567200	-42.468085	-0.451388
-4.20E-06	-0.947279	-33.143486	
0.28167	-2.567200	-42.468085	-0.451388
-4.20E-06	-0.102438	-44.535694	
0.42251	-2.567200	-42.468085	-0.451388
-4.20E-06	-0.265545	-57.570392	
0.56334	-2.567200	-42.468085	-0.451388
-4.20E-06	-0.429323	-70.945901	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.924946	119.248126	0.547565
0.007960	0.336547	84.675364	
0.14084	13.924946	119.248126	0.547565
0.007960	0.108225	84.256883	
0.28167	13.924946	119.248126	0.547565
0.007960	0.232467	75.879893	
0.42251	13.924946	119.248126	0.547565
0.007960	0.559518	89.972728	
0.56334	13.924946	119.248126	0.547565
0.007960	0.903762	115.068668	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.817511	-64.170527	-0.830283
-0.005799	-0.490961	-25.375539	
0.14084	-21.817511	-64.170527	-0.830283
-0.005799	-0.143254	-31.339546	
0.28167	-21.817511	-64.170527	-0.830283
-0.005799	-0.149739	-48.580763	
0.42251	-21.817511	-64.170527	-0.830283
-0.005799	-0.374446	-77.777831	
0.56334	-21.817511	-64.170527	-0.830283
-0.005799	-0.601820	-125.377772	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.920584	112.245796	0.971326
0.005967	0.563374	97.142779	
0.14084	14.920584	112.245796	0.971326
0.005967	0.156709	92.504505	
0.28167	14.920584	112.245796	0.971326
0.005967	0.383782	101.154508	
0.42251	14.920584	112.245796	0.971326
0.005967	0.944292	126.125251	
0.56334	14.920584	112.245796	0.971326
0.005967	1.516839	158.935277	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.593922	-83.748771	-1.371834
-0.004297	-0.784929	-25.223524	
0.14084	-18.593922	-83.748771	-1.371834
-0.004297	-0.209432	-37.607589	
0.28167	-18.593922	-83.748771	-1.371834
-0.004297	-0.268124	-60.124411	
0.42251	-18.593922	-83.748771	-1.371834
-0.004297	-0.672341	-90.846556	
0.56334	-18.593922	-83.748771	-1.371834
-0.004297	-1.078489	-135.778254	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.672219	109.818956	1.334366
0.004958	0.762748	84.605721	
0.14084	19.672219	109.818956	1.334366
0.004958	0.203914	77.327742	
0.28167	19.672219	109.818956	1.334366
0.004958	0.493162	85.210512	
0.42251	19.672219	109.818956	1.334366
0.004958	1.215306	107.190625	
0.56334	19.672219	109.818956	1.334366
0.004958	1.947299	135.875640	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.604957	-74.126322	-1.751084
-0.004193	-0.990481	-38.143473	
0.14084	-17.604967	-74.126322	-1.751084
-0.004193	-0.255770	-50.280001	
0.28167	-17.604967	-74.126322	-1.751084
-0.004193	-0.369615	-73.830312	
0.42251	-17.604967	-74.126322	-1.751084
-0.004193	-0.925748	-104.448257	
0.56334	-17.604967	-74.126322	-1.751084
-0.004193	-1.485357	-146.940116	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.087064	58.729766	0.273851
0.004344	0.168191	98.124052	
0.14084	0.087064	58.729766	0.273851
0.004344	0.053398	90.242213	
0.28167	0.087064	58.729766	0.273851
0.004344	0.130927	82.861820	
0.42251	0.087064	58.729766	0.273851
0.004344	0.336705	90.029064	
0.56334	0.087064	58.729766	0.273851
0.004344	0.554329	104.779962	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.585860	-38.817982	-0.525442
-0.004062	-0.328823	-2.055224	
0.14084	-18.585860	-38.817982	-0.525442
-0.004062	-0.108392	-3.831651	
0.28167	-18.585860	-38.817982	-0.525442
-0.004062	-0.080010	-6.346793	
0.42251	-18.585860	-38.817982	-0.525442
-0.004062	-0.191795	-15.619377	
0.56334	-18.585860	-38.817982	-0.525442
-0.004062	-0.305200	-38.818394	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.641560	78.450855	0.887519
0.004146	0.512281	98.976829	
0.14084	7.641560	78.450855	0.887519
0.004146	0.140393	93.737059	
0.28167	7.641560	78.450855	0.887519
0.004146	0.339817	91.133819	
0.42251	7.641560	78.450855	0.887519
0.004146	0.854658	103.096640	
0.56334	7.641560	78.450855	0.887519
0.004146	1.389961	122.590433	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.832997	-52.391343	-1.260930
-0.004320	-0.735413	-13.763648	
0.14084	-15.832997	-52.391343	-1.260930
-0.004320	-0.205970	-22.275200	
0.28167	-15.832997	-52.391343	-1.260930
-0.004320	-0.247735	-32.248454	
0.42251	-15.832997	-52.391343	-1.260930
-0.004320	-0.617163	-48.892013	
0.56334	-15.832997	-52.391343	-1.260930
-0.004320	-0.988477	-78.928205	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753853	105.638225	1.006771
0.003855	0.569524	91.185538	
0.14084	11.753853	105.638225	1.006771
0.003855	0.148979	83.313048	
0.28167	11.753853	105.638225	1.006771
0.003855	0.399522	95.559949	
0.42251	11.753853	105.638225	1.006771
0.003855	0.998075	118.475950	
0.56334	11.753853	105.638225	1.006771
0.003855	1.603510	146.619975	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.672104	-72.277815	-1.447819
-0.002919	-0.825953	-19.128447	
0.14084	-20.672104	-72.277815	-1.447819
-0.002919	-0.255686	-25.642370	
0.28167	-20.672104	-72.277815	-1.447819
-0.002919	-0.284329	-53.566749	
0.42251	-20.672104	-72.277815	-1.447819
-0.002919	-0.704687	-86.612086	
0.56334	-20.672104	-72.277815	-1.447819
-0.002919	-1.126616	-128.466148	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.784568	103.436299	1.395094
0.003226	0.781004	90.236368	
0.14084	12.784568	103.436299	1.395094
0.003226	0.198216	70.351895	
0.28167	12.784568	103.436299	1.395094
0.003226	0.519268	80.785000	
0.42251	12.784568	103.436299	1.395094
0.003226	1.293714	100.675714	
0.56334	12.784568	103.436299	1.395094
0.003226	2.074045	124.893320	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.450875	-63.225333	-1.864176
-0.003123	-1.053708	-31.783252	
0.14084	-20.450875	-63.225333	-1.864176
-0.003123	-0.271466	-36.811824	
0.28167	-20.450875	-63.225333	-1.864176
-0.003123	-0.395426	-63.904942	
0.42251	-20.450875	-63.225333	-1.864176
-0.003123	-0.978804	-95.841771	
0.56334	-20.450875	-63.225333	-1.864176
-0.003123	-1.563787	-135.220844	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.243535	22.278237	0.860103
6.91E-06	0.471347	13.976769	
0.14084	2.243535	22.278237	0.860103
6.91E-06	0.111261	7.018640	
0.28167	2.243535	22.278237	0.860103
6.91E-06	0.290631	4.100547	
0.42251	2.243535	22.278237	0.860103
6.91E-06	0.723661	4.756099	
0.56334	2.243535	22.278237	0.860103
6.91E-06	1.156680	5.983631	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.494357	-5.763109	-1.032700
-0.001118	-0.575356	-23.977086	
0.14084	-7.494357	-5.763109	-1.032700
-0.001118	-0.142021	-25.277169	
0.28167	-7.494357	-5.763109	-1.032700
-0.001118	-0.248062	-25.612116	
0.42251	-7.494357	-5.763109	-1.032700
-0.001118	-0.608678	-31.121821	
0.56334	-7.494357	-5.763109	-1.032700
-0.001118	-0.969517	-36.994027	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.574743	44.301281	1.453117
0.000129	0.806113	19.249656	
0.14084	13.574743	44.301281	1.453117
0.000129	0.197928	9.384135	
0.28167	13.574743	44.301281	1.453117
0.000129	0.487203	7.044119	
0.42251	13.574743	44.301281	1.453117
0.000129	1.209020	10.434690	
0.56334	13.574743	44.301281	1.453117
0.000129	1.931229	15.345834	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.135222	-14.725740	-1.722464
-0.001905	-0.957663	-43.007286	
0.14084	-9.135222	-14.725740	-1.722464
-0.001905	-0.235106	-45.345519	
0.28167	-9.135222	-14.725740	-1.722464
-0.001905	-0.410427	-53.572867	
0.42251	-9.135222	-14.725740	-1.722464
-0.001905	-1.019671	-66.106352	
0.56334	-9.135222	-14.725740	-1.722464
-0.001905	-1.629070	-79.662513	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.519868	49.954999	1.633454
7.57E-06	0.901508	48.931220	
0.14084	9.519868	49.954999	1.633454
7.57E-06	0.217710	55.771694	
0.28167	9.519868	49.954999	1.633454
7.57E-06	0.575393	69.167087	
0.42251	9.519868	49.954999	1.633454
7.57E-06	1.441226	87.113630	
0.56334	9.519868	49.954999	1.633454
7.57E-06	2.306828	106.117317	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.122634	-50.102911	-2.064230
-0.001539	-1.155009	-36.768431	
0.14084	-13.122634	-50.102911	-2.064230
-0.001539	-0.288290	-44.264377	
0.28167	-13.122634	-50.102911	-2.064230
-0.001539	-0.463662	-56.355183	
0.42251	-13.122634	-50.102911	-2.064230
-0.001539	-1.148750	-71.695924	
0.56334	-13.122634	-50.102911	-2.064230
-0.001539	-1.834426	-87.387769	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.745389	102.343385	1.492021
0.003086	0.831737	95.552057	
0.14084	9.745389	102.343385	1.492021
0.003086	0.208355	79.653296	
0.28167	9.745389	102.343385	1.492021
0.003086	0.551064	80.993130	
0.42251	9.745389	102.343385	1.492021
0.003086	1.380106	96.704262	
0.56334	9.745389	102.343385	1.492021
0.003086	2.215621	117.897732	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.305380	-56.663408	-1.996410
-0.003575	-1.133619	-34.494868	
0.14084	-24.305380	-56.663408	-1.996410
-0.003575	-0.296071	-37.358258	
0.28167	-24.305380	-56.663408	-1.996410
-0.003575	-0.426798	-58.462251	
0.42251	-24.305380	-56.663408	-1.996410
-0.003575	-1.050587	-87.957152	
0.56334	-24.305380	-56.663408	-1.996410
-0.003575	-1.675955	-125.788587	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.126131	127.603441	0.985624
0.007412	0.544078	102.843813	
0.14084	14.126131	127.603441	0.985624
0.007412	0.135655	96.023110	
0.28167	14.126131	127.603441	0.985624
0.007412	0.412323	101.101921	
0.42251	14.126131	127.603441	0.985624
0.007412	1.034582	127.326500	
0.56334	14.126131	127.603441	0.985624
0.007412	1.657751	160.351989	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.588677	-80.869864	-1.486530
-0.005815	-0.835683	-40.702151	
0.14084	-19.588677	-80.869864	-1.486530
-0.005815	-0.221595	-49.514748	
0.28167	-19.588677	-80.869864	-1.486530
-0.005815	-0.283169	-71.748697	
0.42251	-19.588677	-80.869864	-1.486530
-0.005815	-0.696414	-98.783540	
0.56334	-19.588677	-80.869864	-1.486530
-0.005815	-1.109695	-143.819614	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.672219	119.248126	1.633454
0.007960	0.901508	106.075364	
0.14084	19.672219	119.248126	1.633454
0.007960	0.217710	93.737059	
0.28167	19.672219	119.248126	1.633454
0.007960	0.575393	101.154508	
0.42251	19.672219	119.248126	1.633454
0.007960	1.441226	126.125251	
0.56334	19.672219	119.248126	1.633454
0.007960	2.306828	158.935277	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-24.305380	-83.748771	-2.064230
-0.005799	-1.155009	-43.007286	
0.14084	-24.305380	-83.748771	-2.064230
-0.005799	-0.296071	-50.280001	

```
 0.28167   -24.305380   -83.748771    -2.064230
-0.005799    -0.463662    -73.830312
 0.42251   -24.305380   -83.748771    -2.064230
-0.005799    -1.148750   -104.448257
 0.56334   -24.305380   -83.748771    -2.064230
-0.005799    -1.834426   -146.940116

COMB      CAR  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   19.672219   127.603441    1.633454
 0.007960    0.901508   106.075364
 0.14084   19.672219   127.603441    1.633454
 0.007960    0.217710    96.023110
 0.28167   19.672219   127.603441    1.633454
 0.007960    0.575393   101.154508
 0.42251   19.672219   127.603441    1.633454
 0.007960    1.441226   127.326500
 0.56334   19.672219   127.603441    1.633454
 0.007960    2.306828   160.351989
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2615

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   -24.305380   -83.748771    -2.064230
-0.005815    -1.155009    -43.007286
 0.14084   -24.305380   -83.748771    -2.064230
-0.005815    -0.296071    -50.280001
 0.28167   -24.305380   -83.748771    -2.064230
-0.005815    -0.463662    -73.830312
 0.42251   -24.305380   -83.748771    -2.064230
-0.005815    -1.148750   -104.448257
 0.56334   -24.305380   -83.748771    -2.064230
-0.005815    -1.834426   -146.940116

COMB    DESIGN  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   19.672219   127.603441    1.633454
 0.007960    0.901508   106.075364
 0.14084   19.672219   127.603441    1.633454
 0.007960    0.217710    96.023110
 0.28167   19.672219   127.603441    1.633454
 0.007960    0.575393   101.154508
 0.42251   19.672219   127.603441    1.633454
 0.007960    1.441226   127.326500
 0.56334   19.672219   127.603441    1.633454
 0.007960    2.306828   160.351989

COMB    DESIGN  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   -24.305380   -83.748771    -2.064230
-0.005815    -1.155009    -43.007286
 0.14084   -24.305380   -83.748771    -2.064230
-0.005815    -0.296071    -50.280001
 0.28167   -24.305380   -83.748771    -2.064230
-0.005815    -0.463662    -73.830312
 0.42251   -24.305380   -83.748771    -2.064230
-0.005815    -1.148750   -104.448257
 0.56334   -24.305380   -83.748771    -2.064230
-0.005815    -1.834426   -146.940116

ELEM      238  ================== LENGTH
=     2.977668

COMB DB-G1-1  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    1.894048    57.695182    0.389904
 0.001395    0.431126    75.722932
 0.57744    1.894048    57.695182    0.389904
 0.001395    0.267655    51.737321
 0.71829    1.894048    57.695182    0.389904
 0.001395    0.104084    27.496098
 0.85915    1.894048    57.695182    0.389904
 0.001395    0.079849     3.918834
 1.00000    1.894048    57.695182    0.389904
 0.001395    0.299078     2.592914

COMB DB-G1-1  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -7.226808   -17.447068    -0.522639
-1.61E-05    -0.577740    -35.148882
 0.57744   -7.226808   -17.447068    -0.522639
-1.61E-05    -0.358546    -27.926111
 0.71829   -7.226808   -17.447068    -0.522639
-1.61E-05    -0.139347    -20.995467
 0.85915   -7.226808   -17.447068    -0.522639
-1.61E-05    -0.059477    -14.490647
 1.00000   -7.226808   -17.447068    -0.522639
-1.61E-05    -0.223008    -22.516259

COMB DB-G1-2  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    5.495587    85.816251    0.551782
 0.007771    0.582260   157.455657
 0.57744    5.495587    85.816251    0.551782
 0.007771    0.361177   123.402584
 0.71829    5.495587    85.816251    0.551782
 0.007771    0.141659   102.328922
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2616

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
 0.85915    5.495587    85.816251    0.551782
 0.007771    0.134657   100.002511
 1.00000    5.495587    85.816251    0.551782
 0.007771    0.443691   113.049492

COMB DB-G1-2  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -11.870414   -101.784199    -0.739514
-0.006205    -0.797024    -71.295201
 0.57744   -11.870414   -101.784199    -0.739514
-0.006205    -0.494501    -39.895302
 0.71829   -11.870414   -101.784199    -0.739514
-0.006205    -0.197740    -27.605260
 0.85915   -11.870414   -101.784199    -0.739514
-0.006205    -0.113542    -19.254991
 1.00000   -11.870414   -101.784199    -0.739514
-0.006205    -0.344201    -12.931510

COMB DB-G1-3  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.300844    82.129367    0.713686
 0.005591    0.772271   153.427130
 0.57744    8.300844    82.129367    0.713686
 0.005591    0.479994   122.557227
 0.71829    8.300844    82.129367    0.713686
 0.005591    0.188727   101.128006
 0.85915    8.300844    82.129367    0.713686
 0.005591    0.160374    93.835111
 1.00000    8.300844    82.129367    0.713686
 0.005591    0.581285   106.698233

COMB DB-G1-3  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -10.423080   -122.998200    -1.006542
-0.004750    -1.107600   -112.875470
 0.57744   -10.423080   -122.998200    -1.006542
-0.004750    -0.690759    -69.104032
 0.71829   -10.423080   -122.998200    -1.006542
-0.004750    -0.277921    -37.105231
 0.85915   -10.423080   -122.998200    -1.006542
-0.004750    -0.126792    -17.817335
 1.00000   -10.423080   -122.998200    -1.006542
-0.004750    -0.425598    -13.492232

COMB DB-G1-4  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    9.779644    75.216823    0.885978
 0.004644    0.967239   141.967328
 0.57744    9.779644    75.216823    0.885978
 0.004644    0.601498   113.396416
 0.71829    9.779644    75.216823    0.885978
 0.004644    0.236578    92.705764
 0.85915    9.779644    75.216823    0.885978
 0.004644    0.189484    83.812020
 1.00000    9.779644    75.216823    0.885978
 0.004644    0.711300    91.868281

COMB DB-G1-4  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -9.232698   -113.344210    -1.246567
-0.004399    -1.380286   -130.206664
 0.57744   -9.232698   -113.344210    -1.246567
-0.004399    -0.861877    -89.440938
 0.71829   -9.232698   -113.344210    -1.246567
-0.004399    -0.346801    -58.839419
 0.85915   -9.232698   -113.344210    -1.246567
-0.004399    -0.148402    -39.317480
 1.00000   -9.232698   -113.344210    -1.246567
-0.004399    -0.519591    -31.940464

COMB DB-G2-1  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    4.558024     9.555940    0.174086
 0.005317    0.170348    45.330861
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2617

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
 0.57744    4.558024     9.555940    0.174086
 0.005317    0.170988    43.902224
 0.71829    4.558024     9.555940    0.174086
 0.005317    0.042950    53.873570
 0.85915    4.558024     9.555940    0.174086
 0.005317    0.056887    81.250422
 1.00000    4.558024     9.555940    0.174086
 0.005317    0.170833   118.975797

COMB DB-G2-1  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -3.043539   -99.406801    -0.274406
-0.005416    -0.289793    -52.097410
 0.57744   -3.043539   -99.406801    -0.274406
-0.005416    -0.181098    -20.097419
 0.71829   -3.043539   -99.406801    -0.274406
-0.005416    -0.077317     -4.301886
 0.85915   -3.043539   -99.406801    -0.274406
-0.005416    -0.049985     -2.754164
 1.00000   -3.043539   -99.406801    -0.274406
-0.005416    -0.122334     -2.616853

COMB DB-G2-2  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.999313    15.947562    0.467719
 0.004848    0.499784    54.363061
 0.57744    8.999313    15.947562    0.467719
 0.004848    0.311683    51.661733
 0.71829    8.999313    15.947562    0.467719
 0.004848    0.124747    59.800427
 0.85915    8.999313    15.947562    0.467719
 0.004848    0.114097    84.077215
 1.00000    8.999313    15.947562    0.467719
 0.004848    0.412602   120.733928

COMB DB-G2-2  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -2.641352   -127.252986    -0.715263
-0.005634    -0.787634   -104.921657
 0.57744   -2.641352   -127.252986    -0.715263
-0.005634    -0.493729    -60.576552
 0.71829   -2.641352   -127.252986    -0.715263
-0.005634    -0.200428    -16.160806
 0.85915   -2.641352   -127.252986    -0.715263
-0.005634    -0.089940    -14.472850
 1.00000   -2.641352   -127.252986    -0.715263
-0.005634    -0.285529    -14.055655

COMB DB-G2-3  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.749944    78.456958    0.692798
 0.004288    0.752255   172.470635
 0.57744    8.749944    78.456958    0.692798
 0.004288    0.467397   142.942084
 0.71829    8.749944    78.456958    0.692798
 0.004288    0.183384   121.305717
 0.85915    8.749944    78.456958    0.692798
 0.004288    0.147546   111.806105
 1.00000    8.749944    78.456958    0.692798
 0.004288    0.550120   113.946727

COMB DB-G2-3  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -9.034366   -116.076874    -0.962542
-0.004151    -1.064960   -114.772084
 0.57744   -9.034366   -116.076874    -0.962542
-0.004151    -0.665577    -72.661635
 0.71829   -9.034366   -116.076874    -0.962542
-0.004151    -0.269445    -40.595205
 0.85915   -9.034366   -116.076874    -0.962542
-0.004151    -0.120301    -22.408477
 1.00000   -9.034366   -116.076874    -0.962542
-0.004151    -0.410462    -17.972553
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2618

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    9.534172    72.773959    0.892099
 0.003588    0.975790   160.930096
 0.57744    9.534172    72.773959    0.892099
 0.003588    0.606418   133.254012
 0.71829    9.534172    72.773959    0.892099
 0.003588    0.237371   112.164856
 0.85915    9.534172    72.773959    0.892099
 0.003588    0.182287   101.207223
 1.00000    9.534172    72.773959    0.892099
 0.003588    0.697781    99.862487

COMB DB-G2-4  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -8.200916   -104.111093    -1.231346
-0.003925    -1.368210   -129.508031
 0.57744   -8.200916   -104.111093    -1.231346
-0.003925    -0.855395    -91.478715
 0.71829   -8.200916   -104.111093    -1.231346
-0.003925    -0.345303    -61.837737
 0.85915   -8.200916   -104.111093    -1.231346
-0.003925    -0.147407    -43.590757
 1.00000   -8.200916   -104.111093    -1.231346
-0.003925    -0.521230    -37.194691

COMB DB-G3-1  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    2.963766    11.817650    0.496326
 6.95E-06    0.549580    29.093365
 0.57744    2.963766    11.817650    0.496326
 6.95E-06    0.341424    24.171326
 0.71829    2.963766    11.817650    0.496326
 6.95E-06    0.133269    19.267865
 0.85915    2.963766    11.817650    0.496326
 6.95E-06    0.091747    14.470170
 1.00000    2.963766    11.817650    0.496326
 6.95E-06    0.370723     9.769278

COMB DB-G3-1  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -1.141853    -9.795170    -0.665096
-0.000680    -0.745091    -50.409008
 0.57744   -1.141853    -9.795170    -0.665096
-0.000680    -0.456147    -46.449581
 0.71829   -1.141853    -9.795170    -0.665096
-0.000680    -0.187210    -42.564481
 0.85915   -1.141853    -9.795170    -0.665096
-0.000680    -0.074911    -38.734486
 1.00000   -1.141853    -9.795170    -0.665096
-0.000680    -0.263092    -34.929009

COMB DB-G3-2  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    6.986157    19.145935    0.802328
 0.000201    0.889592    42.425259
 0.57744    6.986157    19.145935    0.802328
 0.000201    0.553423    34.645285
 0.71829    6.986157    19.145935    0.802328
 0.000201    0.217261    27.843232
 0.85915    6.986157    19.145935    0.802328
 0.000201    0.152127    21.849545
 1.00000    6.986157    19.145935    0.802328
 0.000201    0.614889    16.414380

COMB DB-G3-2  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -1.763594   -30.919562    -1.104360
-0.001401    -1.237915    -95.833412
 0.57744   -1.763594   -30.919562    -1.104360
-0.001401    -0.774974    -83.788716
 0.71829   -1.763594   -30.919562    -1.104360
-0.001401    -0.312286    -73.026202
 0.85915   -1.763594   -30.919562    -1.104360
-0.001401    -0.119939    -62.754802
 1.00000   -1.763594   -30.919562    -1.104360
-0.001401    -0.456483    -52.926510
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2619

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    9.323451    20.729457    0.882607
 0.000319    0.978658    58.146348
 0.57744    9.323451    20.729457    0.882607
 0.000319    0.609015    52.123206
 0.71829    9.323451    20.729457    0.882607
 0.000319    0.239415    47.664563
 0.85915    9.323451    20.729457    0.882607
 0.000319    0.171669    46.585160
 1.00000    9.323451    20.729457    0.882607
 0.000319    0.699733    57.285154

COMB DB-G3-3  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -2.057123   -82.125754    -1.260405
-0.001790    -0.815077   -133.550620
 0.57744   -2.057123   -82.125754    -1.260405
-0.001790    -0.886933   -100.255337
 0.71829   -2.057123   -82.125754    -1.260405
-0.001790    -0.359245    -68.573794
 0.85915   -2.057123   -82.125754    -1.260405
-0.001790    -0.131943    -51.189799
 1.00000   -2.057123   -82.125754    -1.260405
-0.001790    -0.502143    -47.526858

COMB DB-G3-4  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    9.743675    61.960192    0.915323
 0.003780    0.999144   150.645560
 0.57744    9.743675    61.960192    0.915323
 0.003780    0.620893   127.678066
 0.71829    9.743675    61.960192    0.915323
 0.003780    0.243436   112.446538
 0.85915    9.743675    61.960192    0.915323
 0.003780    0.186157   111.677857
 1.00000    9.743675    61.960192    0.915323
 0.003780    0.712577   114.340087

COMB DB-G3-4  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -6.958314   -106.814599    -1.257524
-0.004565    -1.397364   -132.412113
 0.57744   -6.958314   -106.814599    -1.257524
-0.004565    -0.874198    -94.122836
 0.71829   -6.958314   -106.814599    -1.257524
-0.004565    -0.354264    -65.644456
 0.85915   -6.958314   -106.814599    -1.257524
-0.004565    -0.153384    -48.489772
 1.00000   -6.958314   -106.814599    -1.257524
-0.004565    -0.536915    -42.948498

COMB DL-G1-1  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    3.154825    53.755394    0.429401
 0.001391    0.477239    69.002274
 0.57744    3.154825    53.755394    0.429401
 0.001391    0.297340    46.838121
 0.71829    3.154825    53.755394    0.429401
 0.001391    0.117620    25.043938
 0.85915    3.154825    53.755394    0.429401
 0.001391    0.100429     4.967812
 1.00000    3.154825    53.755394    0.429401
 0.001391    0.375257     2.945998

COMB DL-G1-1  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -6.236084   -21.934528    -0.657169
-1.15E-05    -0.727439    -48.644668
 0.57744   -6.236084   -21.934528    -0.657169
-1.15E-05    -0.451816    -39.833037
 0.71829   -6.236084   -21.934528    -0.657169
-1.15E-05    -0.176231    -31.446457
 0.85915   -6.236084   -21.934528    -0.657169
-1.15E-05    -0.063135    -24.395552
 1.00000   -6.236084   -21.934528    -0.657169
-1.15E-05    -0.043423    -33.668637
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2620

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    6.726384    79.379021    0.666478
 0.007686    0.708220   148.869078
 0.57744    6.726384    79.379021    0.666478
 0.007686    0.433790   119.127867
 0.71829    6.726384    79.379021    0.666478
 0.007686    0.174029   102.931725
 0.85915    6.726384    79.379021    0.666478
 0.007686    0.168227    104.17050
 1.00000    6.726384    79.379021    0.666478
 0.007686    0.564365   119.103416

COMB DL-G1-2  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -10.767561   -103.827253    -0.948782
-0.006189    -1.027616    -90.708425
 0.57744   -10.767561   -103.827253    -0.948782
-0.006189    -0.637672    -51.598182
 0.71829   -10.767561   -103.827253    -0.948782
-0.006189    -0.256217    -37.659237
 0.85915   -10.767561   -103.827253    -0.948782
-0.006189    -0.131295    -27.552722
 1.00000   -10.767561   -103.827253    -0.948782
-0.006189    -0.410428    -26.077801

COMB DL-G1-3  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.899408    76.913203    0.986753
 0.005714    1.075203   146.956789
 0.57744    8.899408    76.913203    0.986753
 0.005714    0.664781   118.566106
 0.71829    8.899408    76.913203    0.986753
 0.005714    0.265318   100.282829
 0.85915    8.899408    76.913203    0.986753
 0.005714    0.215609    99.566895
 1.00000    8.899408    76.913203    0.986753
 0.005714    0.790617   117.779945

COMB DL-G1-3  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -9.608409   -120.330868    -1.373628
-0.004837    -1.513861   -120.147097
 0.57744   -9.608409   -120.330868    -1.373628
-0.004837    -0.943218    -73.357598
 0.71829   -9.608409   -120.330868    -1.373628
-0.004837    -0.378334    -44.667884
 0.85915   -9.608409   -120.330868    -1.373628
-0.004837    -0.166404    -25.468573
 1.00000   -9.608409   -120.330868    -1.373628
-0.004837    -0.578913    -25.231825

COMB DL-G1-4  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   10.366345    72.361638    1.276309
 0.004747    1.403141   139.433734
 0.57744   10.366345    72.361638    1.276309
 0.004747    0.868768   112.556028
 0.71829   10.366345    72.361638    1.276309
 0.004747    0.345391    93.923496
 0.85915   10.366345    72.361638    1.276309
 0.004747    0.258826    90.081593
 1.00000   10.366345    72.361638    1.276309
 0.004747    0.974077   101.983599

COMB DL-G1-4  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -8.598195   -111.840696    -1.706800
-0.004463    -1.889571   -138.505348
 0.57744   -8.598195   -111.840696    -1.706800
-0.004463    -1.178235    -94.793724
 0.71829   -8.598195   -111.840696    -1.706800
-0.004463    -0.471474    -66.341812
 0.85915   -8.598195   -111.840696    -1.706800
-0.004463    -0.203944    -46.470018
 1.00000   -8.598195   -111.840696    -1.706800
-0.004463    -0.738046    -42.287726
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2621

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    3.853487    10.074640    0.291067
 0.004454    0.300929    48.050681
 0.57744    3.853487    10.074640    0.291067
 0.004454    0.182318    47.322039
 0.71829    3.853487    10.074640    0.291067
 0.004454    0.074434    57.983979
 0.85915    3.853487    10.074640    0.291067
 0.004454    0.067902    84.788857
 1.00000    3.853487    10.074640    0.291067
 0.004454    0.221085   116.987300

COMB DL-G2-1  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -3.239285   -86.961796    -0.367597
-0.004538    -0.395545    -51.496306
 0.57744   -3.239285   -86.961796    -0.367597
-0.004538    -0.246873    -18.947496
 0.71829   -3.239285   -86.961796    -0.367597
-0.004538    -0.104203     -5.123724
 0.85915   -3.239285   -86.961796    -0.367597
-0.004538    -0.065361     -3.376259
 1.00000   -3.239285   -86.961796    -0.367597
-0.004538    -0.186601     -3.002377

COMB DL-G2-2  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.115783    17.931220    0.783053
 0.004139    0.851796    60.425327
 0.57744    8.115783    17.931220    0.783053
 0.004139    0.526477    56.837440
 0.71829    8.115783    17.931220    0.783053
 0.004139    0.212458    62.946142
 0.85915    8.115783    17.931220    0.783053
 0.004139    0.157729    87.512280
 1.00000    8.115783    17.931220    0.783053
 0.004139    0.586454   121.986185

COMB DL-G2-2  ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43658   -2.865884   -112.189234    -1.023781
-0.004862    -1.131100    -97.219294
 0.57744   -2.865884   -112.189234    -1.023781
-0.004862    -0.706938    -53.742379
 0.71829   -2.865884   -112.189234    -1.023781
-0.004862    -0.281856    -27.614055
 0.85915   -2.865884   -112.189234    -1.023781
-0.004862    -0.133332    -14.285920
 1.00000   -2.865884   -112.189234    -1.023781
-0.004862    -0.460268    -13.633004

COMB DL-G2-3  ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43658    8.169919    75.694626    1.008219
```

0.003539 1.106353 172.091196
0.57744 8.169919 75.694626 1.008219
0.003539 0.685593 143.605459
0.71829 8.169919 75.694626 1.008219
0.003539 1.270571 121.933222
0.85915 8.169919 75.694626 1.008219
0.003539 0.199946 114.566989
1.00000 8.169919 75.694626 1.008219
0.003539 0.762984 116.345175

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-8.709703	-104.616390	-1.344071
-0.003346	-1.491799	-112.233096	
0.57744	-8.709703	-104.616390	-1.344071
-0.003346	-0.931502	-71.187744	
0.71829	-8.709703	-104.616390	-1.344071
-0.003346	-0.374382	-41.872069	
0.85915	-8.709703	-104.616390	-1.344071
-0.003346	-0.161295	-24.707228	
1.00000	-8.709703	-104.616390	-1.344071
-0.003346	-0.583531	-19.033486	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2622

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	8.979841	72.402756	1.349626
0.002963	1.487411	165.210631	
0.57744	8.979841	72.402756	1.349626
0.002963	0.922886	137.624151	
0.71829	8.979841	72.402756	1.349626
0.002963	0.365360	115.810126	
0.85915	8.979841	72.402756	1.349626
0.002963	0.250732	105.924504	
1.00000	8.979841	72.402756	1.349626
0.002963	0.971700	103.766565	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-8.126734	-95.979663	-1.719055
-0.003260	-1.912467	-132.126270	
0.57744	-8.126734	-95.979663	-1.719055
-0.003260	-1.194239	-94.375954	
0.71829	-8.126734	-95.979663	-1.719055
-0.003260	-0.478654	-66.501578	
0.85915	-8.126734	-95.979663	-1.719055
-0.003260	-0.209082	-48.581284	
1.00000	-8.126734	-95.979663	-1.719055
-0.003260	-0.774167	-40.609750	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	2.851036	15.026242	0.813638
4.06E-06	0.901931	37.251958	
0.57744	2.851036	15.026242	0.813638
4.06E-06	0.560295	31.083711	
0.71829	2.851036	15.026242	0.813638
4.06E-06	0.219337	25.101303	
0.85915	2.851036	15.026242	0.813638
4.06E-06	0.129464	19.166008	
1.00000	2.851036	15.026242	0.813638
4.06E-06	0.519300	13.312363	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-1.925303	-12.045424	-0.927201
-0.000690	-1.036511	-58.593341	
0.57744	-1.925303	-12.045424	-0.927201
-0.000690	-0.647650	-53.770110	
0.71829	-1.925303	-12.045424	-0.927201
-0.000690	-0.258643	-49.152915	
0.85915	-1.925303	-12.045424	-0.927201
-0.000690	-0.120273	-44.578467	
1.00000	-1.925303	-12.045424	-0.927201
-0.000690	-0.461350	-40.100884	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	7.143857	24.028290	1.302754
0.000128	1.469332	54.164935	
0.57744	7.143857	24.028290	1.302754
0.000128	0.900103	44.486863	
0.71829	7.143857	24.028290	1.302754
0.000128	0.354480	35.471255	
0.85915	7.143857	24.028290	1.302754
0.000128	0.219288	27.074032	
1.00000	7.143857	24.028290	1.302754
0.000128	0.874797	19.527519	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-2.466065	-32.762587	-1.561143
-0.001335	-1.744583	-104.755477	
0.57744	-2.466065	-32.762587	-1.561143
-0.001335	-1.089993	-91.616659	
0.71829	-2.466065	-32.762587	-1.561143
-0.001335	-0.435097	-79.549906	
0.85915	-2.466065	-32.762587	-1.561143
-0.001335	-0.190265	-68.617572	
1.00000	-2.466065	-32.762587	-1.561143
-0.001335	-0.736051	-58.604144	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2623

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	8.467154	25.074638	1.457558
5.39E-06	1.619967	68.573269	
0.57744	8.467154	25.074638	1.457558
5.39E-06	1.008039	60.173994	
0.71829	8.467154	25.074638	1.457558
5.39E-06	0.398227	53.326763	
0.85915	8.467154	25.074638	1.457558
5.39E-06	0.244961	54.399989	
1.00000	8.467154	25.074638	1.457558
5.39E-06	0.993587	64.311110	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-2.922543	-74.718602	-1.782321
-0.001404	-1.996528	-131.222687	
0.57744	-2.922543	-74.718602	-1.782321
-0.001404	-1.248733	-101.170022	
0.71829	-2.922543	-74.718602	-1.782321
-0.001404	-0.500604	-72.606752	
0.85915	-2.922543	-74.718602	-1.782321
-0.001404	-0.211128	-57.314511	
1.00000	-2.922543	-74.718602	-1.782321
-0.001404	-0.821881	-52.481482	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	8.860659	63.940570	1.439105
0.002842	1.584705	161.238785	
0.57744	8.860659	63.940570	1.439105
0.002842	0.982722	137.299825	
0.71829	8.860659	63.940570	1.439105
0.002842	0.388319	119.667140	
0.85915	8.860659	63.940570	1.439105
0.002842	0.256458	114.726748	
1.00000	8.860659	63.940570	1.439105
0.002842	0.999137	117.182709	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-7.595499	-95.868009	-1.769964
-0.003585	-1.970437	-135.226435	
0.57744	-7.595499	-95.868009	-1.769964
-0.003585	-1.231069	-97.661715	
0.71829	-7.595499	-95.868009	-1.769964
-0.003585	-0.494876	-70.912298	
0.85915	-7.595499	-95.868009	-1.769964
-0.003585	-0.223879	-54.933104	
1.00000	-7.595499	-95.868009	-1.769964
-0.003585	-0.826913	-47.852417	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	9.779644	85.816251	0.915323
0.007771	0.999144	172.470635	
0.57744	9.779644	85.816251	0.915323
0.007771	0.620893	142.942084	
0.71829	9.779644	85.816251	0.915323
0.007771	0.243436	121.305717	
0.85915	9.779644	85.816251	0.915323
0.007771	0.189484	111.806105	
1.00000	9.779644	85.816251	0.915323
0.007771	0.712577	120.733928	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-11.870414	-127.252986	-1.260405
-0.006205	-1.415077	-133.550620	
0.57744	-11.870414	-127.252986	-1.260405
-0.006205	-0.886933	-100.255337	
0.71829	-11.870414	-127.252986	-1.260405
-0.006205	-0.359245	-73.026202	
0.85915	-11.870414	-127.252986	-1.260405
-0.006205	-0.153384	-62.754802	
1.00000	-11.870414	-127.252986	-1.260405
-0.006205	-0.536915	-52.926510	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2624

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	10.366345	79.379021	1.457558
0.007686	1.619967	172.091196	
0.57744	10.366345	79.379021	1.457558
0.007686	1.008039	143.605459	
0.71829	10.366345	79.379021	1.457558
0.007686	0.398227	121.930322	
0.85915	10.366345	79.379021	1.457558
0.007686	0.258826	114.726748	
1.00000	10.366345	79.379021	1.457558
0.007686	0.999137	121.986185	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-10.767561	-120.330868	-1.782321
-0.006189	-1.996528	-138.505348	
0.57744	-10.767561	-120.330868	-1.782321
-0.006189	-1.248733	-101.170022	
0.71829	-10.767561	-120.330868	-1.782321
-0.006189	-0.500604	-79.549906	
0.85915	-10.767561	-120.330868	-1.782321
-0.006189	-0.223879	-68.617572	
1.00000	-10.767561	-120.330868	-1.782321
-0.006189	-0.826913	-58.604144	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	10.366345	85.816251	1.457558
0.007771	1.619967	172.470635	
0.57744	10.366345	85.816251	1.457558
0.007771	1.008039	143.605459	
0.71829	10.366345	85.816251	1.457558
0.007771	0.398227	121.930322	
0.85915	10.366345	85.816251	1.457558
0.007771	0.258826	114.726748	
1.00000	10.366345	85.816251	1.457558
0.007771	0.999137	121.986185	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-11.870414	-127.252986	-1.782321
-0.006205	-1.996528	-138.505348	
0.57744	-11.870414	-127.252986	-1.782321
-0.006205	-1.248733	-101.170022	
0.71829	-11.870414	-127.252986	-1.782321
-0.006205	-0.500604	-79.549906	
0.85915	-11.870414	-127.252986	-1.782321
-0.006205	-0.223879	-68.617572	
1.00000	-11.870414	-127.252986	-1.782321
-0.006205	-0.826913	-58.604144	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	10.366345	85.816251	1.457558
0.007771	1.619967	172.470635	
0.57744	10.366345	85.816251	1.457558
0.007771	1.008039	143.605459	
0.71829	10.366345	85.816251	1.457558
0.007771	0.398227	121.930322	
0.85915	10.366345	85.816251	1.457558
0.007771	0.258826	114.726748	
1.00000	10.366345	85.816251	1.457558
0.007771	0.999137	121.986185	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-11.870414	-127.252986	-1.782321
-0.006205	-1.996528	-138.505348	
0.57744	-11.870414	-127.252986	-1.782321
-0.006205	-1.248733	-101.170022	
0.71829	-11.870414	-127.252986	-1.782321
-0.006205	-0.500604	-79.549906	
0.85915	-11.870414	-127.252986	-1.782321
-0.006205	-0.223879	-68.617572	
1.00000	-11.870414	-127.252986	-1.782321
-0.006205	-0.826913	-58.604144	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2625

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 239 ========== LENGTH = 2.977689

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.891649	57.411182	0.362403
0.001296	0.199308	2.589682	
0.14085	1.891649	57.411182	0.362403
0.001296	0.047656	3.062168	
0.28171	1.891649	57.411182	0.362403
0.001296	0.134066	9.547926	
0.42256	1.891649	57.411182	0.362403
0.001296	0.328290	16.648431	
0.56342	1.891649	57.411182	0.362403
0.001296	0.522518	23.892002	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.201178	-17.454588	-0.463096
-7.24E-06	-0.254413	-22.537063	
0.14085	-7.201178	-17.454588	-0.463096
-7.24E-06	-0.060174	-46.054443	
0.28171	-7.201178	-17.454588	-0.463096
-7.24E-06	-0.104762	-70.051670	
0.42256	-7.201178	-17.454588	-0.463096
-7.24E-06	-0.256764	-94.058341	
0.56342	-7.201178	-17.454588	-0.463096
-7.24E-06	-0.408765	-118.090837	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.630965	150.248723	0.473509
0.007850	0.282383	113.421671	
0.14085	2.630965	150.248723	0.473509
0.007850	0.087229	90.119429	
0.28171	2.630965	150.248723	0.473509
0.007850	0.195823	72.642440	
0.42256	2.630965	150.248723	0.473509
0.007850	0.470762	75.225360	
0.56342	2.630965	150.248723	0.473509
0.007850	0.758823	89.990317	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.198477	-40.522987	-0.698082
-0.006024	-0.412915	-12.951111	
0.14085	-15.198477	-40.522987	-0.698082
-0.006024	-0.120959	-43.709158	
0.28171	-15.198477	-40.522987	-0.698082
-0.006024	-0.137353	-75.333231	
0.42256	-15.198477	-40.522987	-0.698082
-0.006024	-0.335968	-111.322881	
0.56342	-15.198477	-40.522987	-0.698082
-0.006024	-0.534577	-168.123913	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.417798	125.806910	0.645888
0.005650	0.372802	106.933137	
0.14085	6.417798	125.806910	0.645888
0.005650	0.104227	111.402223	
0.28171	6.417798	125.806910	0.645888
0.005650	0.280988	121.682956	
0.42256	6.417798	125.806910	0.645888
0.005650	0.692007	145.918405	
0.56342	6.417798	125.806910	0.645888
0.005650	1.111929	178.491674	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.674065	-81.683883	-1.008875
-0.004224	-0.581025	-13.506788	
0.14085	-12.674065	-81.683883	-1.008875
-0.004224	-0.158545	-44.365335	
0.28171	-12.674065	-81.683883	-1.008875
-0.004224	-0.184416	-75.852921	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2626

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-12.674065	-81.683883	-1.008875
-0.004224	-0.455326	-110.286561	
0.56342	-12.674065	-81.683883	-1.008875
-0.004224	-0.726228	-158.841013	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.234188	111.444028	0.824093
0.004693	0.470479	92.068491	
0.14085	8.234188	111.444028	0.824093
0.004693	0.126669	93.485257	
0.28171	8.234188	111.444028	0.824093
0.004693	0.352128	103.363552	
0.42256	8.234188	111.444028	0.824093
0.004693	0.872570	125.526716	
0.56342	8.234188	111.444028	0.824093
0.004693	1.400399	154.782099	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.097732	-79.190456	-1.264844
-0.004100	-0.721926	-31.959697	
0.14085	-11.097732	-79.190456	-1.264844
-0.004100	-0.191946	-53.966694	
0.28171	-11.097732	-79.190456	-1.264844
-0.004100	-0.233668	-76.590651	
0.42256	-11.097732	-79.190456	-1.264844
-0.004100	-0.733432	-100.838712	
0.56342	-11.097732	-79.190456	-1.264844
-0.004100	-0.924980	-142.008132	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.199003	63.874618	0.135741
0.005240	0.094605	119.280068	
0.14085	2.199003	63.874618	0.135741
0.005240	0.040369	111.311216	
0.28171	2.199003	63.874618	0.135741
0.005240	0.038164	103.483279	
0.42256	2.199003	63.874618	0.135741
0.005240	0.197009	111.808017	
0.56342	2.199003	63.874618	0.135741
0.005240	0.323252	130.219052	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.863580	-48.336666	-0.310383
-0.005037	-0.197969	-2.608371	
0.14085	-5.863580	-48.336666	-0.310383
-0.005037	-0.068568	-2.737566	
0.28171	-5.863580	-48.336666	-0.310383
-0.005037	-0.038188	-3.382891	
0.42256	-5.863580	-48.336666	-0.310383
-0.005037	-0.095139	-7.599040	
0.56342	-5.863580	-48.336666	-0.310383
-0.005037	-0.152064	-29.159516	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.849683	66.471887	0.441589
0.004877	0.265798	121.009190	
0.14085	6.849683	66.471887	0.441589
0.004877	0.083104	123.608363	
0.28171	6.849683	66.471887	0.441589
0.004877	0.213718	129.921475	
0.42256	6.849683	66.471887	0.441589
0.004877	0.530566	151.883088	
0.56342	6.849683	66.471887	0.441589
0.004877	0.857618	183.403521	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.256063	-80.042169	-0.788562
-0.005108	-0.465771	-14.048898	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2627

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-5.256063	-80.042169	-0.788562
-0.005108	-0.135790	-13.724058	
0.28171	-5.256063	-80.042169	-0.788562
-0.005108	-0.122218	-13.992561	
0.42256	-5.256063	-80.042169	-0.788562
-0.005108	-0.307462	-19.184255	
0.56342	-5.256063	-80.042169	-0.788562
-0.005108	-0.492662	-42.142073	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.248350	113.691363	0.616323
0.004507	0.353341	114.115913	
0.14085	7.248350	113.691363	0.616323
0.004507	0.098638	107.048143	
0.28171	7.248350	113.691363	0.616323
0.004507	0.277077	119.795361	
0.42256	7.248350	113.691363	0.616323
0.004507	0.687394	145.554551	
0.56342	7.248350	113.691363	0.616323
0.004507	1.104989	178.438410	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.850986	-82.861653	-1.001805
-0.003575	-0.576018	-17.156800	
0.14085	-10.850986	-82.861653	-1.001805
-0.003575	-0.156408	-21.402250	
0.28171	-10.850986	-82.861653	-1.001805
-0.003575	-0.176207	-48.871680	
0.42256	-10.850986	-82.861653	-1.001805
-0.003575	-0.434631	-80.151882	
0.56342	-10.850986	-82.861653	-1.001805
-0.003575	-0.693124	-124.326974	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.292874	102.284099	0.811686
0.003771	0.460250	100.009999	
0.14085	8.292874	102.284099	0.811686
0.003771	0.121275	91.066864	
0.28171	8.292874	102.284099	0.811686
0.003771	0.355031	100.387827	
0.42256	8.292874	102.284099	0.811686
0.003771	0.883839	121.676119	
0.56342	8.292874	102.284099	0.811686
0.003771	1.418744	148.891416	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.720738	-76.270515	-1.280500
-0.003696	-0.729780	-37.187682	
0.14085	-9.720738	-76.270515	-1.280500
-0.003696	-0.193172	-37.389728	
0.28171	-9.720738	-76.270515	-1.280500
-0.003696	-0.231128	-57.622170	
0.42256	-9.720738	-76.270515	-1.280500
-0.003696	-0.571503	-80.787070	
0.56342	-9.720738	-76.270515	-1.280500
-0.003696	-0.911945	-114.520603	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.985788	11.876132	0.461612
1.17E-05	0.256035	9.777649	
0.14085	2.985788	11.876132	0.461612
1.17E-05	0.062386	5.563284	
0.28171	2.985788	11.876132	0.461612
1.17E-05	0.193241	2.634247	
0.42256	2.985788	11.876132	0.461612
1.17E-05	0.484284	2.402820	
0.56342	2.985788	11.876132	0.461612
1.17E-05	0.775351	2.969816	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2628

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.141746	-9.743883	-0.693983
-0.000965	-0.388941	-34.938178	
0.14085	-1.141746	-9.743883	-0.693983
-0.000965	-0.097884	-31.253411	
0.28171	-1.141746	-9.743883	-0.693983
-0.000965	-0.131210	-27.815395	
0.42256	-1.141746	-9.743883	-0.693983
-0.000965	-0.324822	-24.625596	
0.56342	-1.141746	-9.743883	-0.693983
-0.000965	-0.518432	-21.131834	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.942252	21.202536	0.770948
0.000246	0.430558	16.438370	
0.14085	6.942252	21.202536	0.770948
0.000246	0.107272	11.708816	
0.28171	6.942252	21.202536	0.770948
0.000246	0.321779	12.534466	
0.42256	6.942252	21.202536	0.770948
0.000246	0.807006	19.060150	
0.56342	6.942252	21.202536	0.770948
0.000246	1.292657	26.400352	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.864164	-29.271783	-1.158266
-0.001800	-0.650589	-52.944482	
0.14085	-1.864164	-29.271783	-1.158266
-0.001800	-0.164805	-45.735236	
0.28171	-1.864164	-29.271783	-1.158266
-0.001800	-0.216850	-39.560528	
0.42256	-1.864164	-29.271783	-1.158266
-0.001800	-0.540243	-35.575614	
0.56342	-1.864164	-29.271783	-1.158266
-0.001800	-0.863592	-34.368404	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.291724	23.977437	0.840544
0.000321	0.470288	57.293166	
0.14085	9.291724	23.977437	0.840544
0.000321	0.117822	75.685997	
0.28171	9.291724	23.977437	0.840544
0.000321	0.372392	98.553931	
0.42256	9.291724	23.977437	0.840544
0.000321	0.936724	126.421546	
0.56342	9.291724	23.977437	0.840544
0.000321	1.501715	155.158368	

COMB DB-G3-3 ---------- MIN

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000   -2.219318  -79.615447   -1.347649
-0.001537   -0.759261   -47.533129
0.14085   -2.219318  -79.615447   -1.347649
-0.001537   -0.194136   -43.946450
0.28171   -2.219318  -79.615447   -1.347649
-0.001537   -0.235963   -40.555207
0.42256   -2.219318  -79.615447   -1.347649
-0.001537   -0.588538   -38.778813
0.56342   -2.219318  -79.615447   -1.347649
-0.001537   -0.941068   -39.499331

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.264999   96.996269    0.828026
 0.004000   0.471910  114.526259
0.14085    8.264999   96.996269    0.828026
 0.004000   0.125835  101.344677
0.28171    8.264999   96.996269    0.828026
 0.004000   0.366852  102.938862
0.42256    8.264999   96.996269    0.828026
 0.004000   0.914249  120.607999
0.56342    8.264999   96.996269    0.828026
 0.004000   1.468799  146.509412
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2629

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.765472  -73.815695   -1.328357
-0.004406   -0.760155   -42.945627
0.14085   -8.765472  -73.815695   -1.328357
-0.004406   -0.203559   -37.629648
0.28171   -8.765472  -73.815695   -1.328357
-0.004406   -0.235585   -48.571587
0.42256   -8.765472  -73.815695   -1.328357
-0.004406   -0.582911   -65.829561
0.56342   -8.765472  -73.815695   -1.328357
-0.004406   -0.930193   -95.586066

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    3.148832   53.599024    0.435531
 0.001329   0.243843    2.941114
0.14085    3.148832   53.599024    0.435531
 0.001329   0.060796    3.265787
0.28171    3.148832   53.599024    0.435531
 0.001329   0.167680    9.962650
0.42256    3.148832   53.599024    0.435531
 0.001329   0.410326   18.757075
0.56342    3.148832   53.599024    0.435531
 0.001329   0.652887   27.642717

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -6.216666  -21.983626   -0.578507
-4.27E-06   -0.317692   -33.676147
0.14085   -6.216666  -21.983626   -0.578507
-4.27E-06   -0.075314   -49.383287
0.28171   -6.216666  -21.983626   -0.578507
-4.27E-06   -0.121728   -69.370581
0.42256   -6.216666  -21.983626   -0.578507
-4.27E-06   -0.303884   -91.552606
0.56342   -6.216666  -21.983626   -0.578507
-4.27E-06   -0.486550  -113.706882

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    3.656233  141.279056    0.621421
 0.007926   0.376803  119.150076
0.14085    3.656233  141.279056    0.621421
 0.007926   0.115686   94.645094
0.28171    3.656233  141.279056    0.621421
 0.007926   0.253506   76.970271
0.42256    3.656233  141.279056    0.621421
 0.007926   0.674193   80.160365
0.56342    3.656233  141.279056    0.621421
 0.007926   0.989837   95.924290

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -14.609817   -44.434319   -0.909265
-0.006020   -0.536419   -26.077240
0.14085   -14.609817   -44.434319   -0.909265
-0.006020   -0.155993   -46.370096
0.28171   -14.609817   -44.434319   -0.909265
-0.006020   -0.771915   -71.827808
0.42256   -14.609817   -44.434319   -0.909265
-0.006020   -0.417461  -104.652663
0.56342   -14.609817   -44.434319   -0.909265
-0.006020   -0.670885  -161.324178

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    6.773454  120.726954    0.951528
 0.005900   0.553537  117.797796
0.14085    6.773454  120.726954    0.951528
 0.005900   0.154240  117.445083
0.28171    6.773454  120.726954    0.951528
 0.005900   0.378036  123.501351
0.42256    6.773454  120.726954    0.951528
 0.005900   0.934153  144.824839
0.56342    6.773454  120.726954    0.951528
 0.005900   1.500648  175.336091
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2630

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -12.340775   -78.410138   -1.360074
-0.004415   -0.780801   -25.224479
0.14085  -12.340775   -78.410138   -1.360074
-0.004415   -0.210610   -46.570654
0.28171  -12.340775   -78.410138   -1.360074
-0.004415   -0.263891   -72.477514
0.42256  -12.340775   -78.410138   -1.360074
-0.004415   -0.651884  -103.988454
0.56342  -12.340775   -78.410138   -1.360074
-0.004415   -1.045496  -152.462311

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.616792  108.708274    1.245710
 0.004902   0.714859  102.007116
0.14085    8.616792  108.708274    1.245710
 0.004902   0.192218   98.959689
0.28171    8.616792  108.708274    1.245710
 0.004902   0.477211  104.067722
0.42256    8.616792  108.708274    1.245710
 0.004902   1.171201  124.515686
0.56342    8.616792  108.708274    1.245710
 0.004902   1.878601  152.081847

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -10.872602   -77.115071   -1.694506
-0.004220   -0.963866   -42.290681
0.14085  -10.872602   -77.115071   -1.694506
-0.004220   -0.253016   -56.436738
0.28171  -10.872602   -77.115071   -1.694506
-0.004220   -0.345595   -76.386971
0.42256  -10.872602   -77.115071   -1.694506
-0.004220   -0.859045  -102.096739
0.56342  -10.872602   -77.115071   -1.694506
-0.004220   -1.377025  -142.058771

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.746886   53.707415    0.250530
 0.004477   0.160895  117.010179
0.14085    1.746886   53.707415    0.250530
 0.004477   0.055839  112.164379
0.28171    1.746886   53.707415    0.250530
 0.004477   0.111248  107.606282
0.42256    1.746886   53.707415    0.250530
 0.004477   0.274746  115.919517
0.56342    1.746886   53.707415    0.250530
 0.004477   0.448969  133.060457

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -5.958280  -45.632052   -0.424520
-0.004218   -0.263426   -2.988201
0.14085   -5.958280  -45.632052   -0.424520
-0.004218   -0.086095   -21.815885
0.28171   -5.958280  -45.632052   -0.424520
-0.004218   -0.068072   -3.101489
0.42256   -5.958280  -45.632052   -0.424520
-0.004218   -0.162490   -7.010839
0.56342   -5.958280  -45.632052   -0.424520
-0.004218   -0.262317   -27.720141

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    6.139407   59.511195    0.760900
 0.004272   0.447683  122.005142
0.14085    6.139407   59.511195    0.760900
 0.004272   0.128931  125.120890
0.28171    6.139407   59.511195    0.760900
 0.004272   0.295724  131.504371
0.42256    6.139407   59.511195    0.760900
 0.004272   0.738289  151.122052
0.56342    6.139407   59.511195    0.760900
 0.004272   1.190576  179.376635
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2631

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -5.471549  -72.808812   -1.087127
-0.004402   -0.632723   -13.619800
0.14085   -5.471549  -72.808812   -1.087127
-0.004402   -0.176974   -13.613550
0.28171   -5.471549  -72.808812   -1.087127
-0.004402   -0.209001   -15.276579
0.42256   -5.471549  -72.808812   -1.087127
-0.004402   -0.517160   -20.982954
0.56342   -5.471549  -72.808812   -1.087127
-0.004402   -0.831206   -42.898741

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    6.902677  102.176777    0.954616
 0.003824   0.545684  116.327956
0.14085    6.902677  102.176777    0.954616
 0.003824   0.145514  108.302781
0.28171    6.902677  102.176777    0.954616
 0.003824   0.378377  121.991247
0.42256    6.902677  102.176777    0.954616
 0.003824   0.942854  147.260482
0.56342    6.902677  102.176777    0.954616
 0.003824   1.513649  178.510617

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -10.372202   -79.247886   -1.366402
-0.002846   -0.776150   -19.007662
0.14085  -10.372202   -79.247886   -1.366402
-0.002846   -0.205507   -20.340777
0.28171  -10.372202   -79.247886   -1.366402
-0.002846   -0.266431   -44.914208
0.42256  -10.372202   -79.247886   -1.366402
-0.002846   -0.659458   -74.447709
0.56342  -10.372202   -79.247886   -1.366402
-0.002846   -1.056627   -114.763206

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.935543   94.605378    1.285809
 0.003201   0.727555  103.761798
0.14085    7.935543   94.605378    1.285809
 0.003201   0.188497   93.336182
0.28171    7.935543   94.605378    1.285809
 0.003201   0.484685  102.505217
0.42256    7.935543   94.605378    1.285809
 0.003201   1.259103  123.596038
0.56342    7.935543   94.605378    1.285809
 0.003201   1.938819  149.634110

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.531898  -74.692751   -1.744180
-0.003074   -0.987069   -40.598553
0.14085   -9.531898  -74.692751   -1.744180
-0.003074   -0.255421   -38.470909
0.28171   -9.531898  -74.692751   -1.744180
-0.003074   -0.350770   -56.744070
0.42256   -9.531898  -74.692751   -1.744180
-0.003074   -0.692860   -80.979998
0.56342   -9.531898  -74.692751   -1.744180
-0.003074   -1.429444  -114.220313

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    2.877254   15.050690    0.767393
 9.07E-06   0.425720   13.325804
0.14085    2.877254   15.050690    0.767393
 9.07E-06   0.104079    7.792615
0.28171    2.877254   15.050690    0.767393
 9.07E-06   0.264549    3.527044
0.42256    2.877254   15.050690    0.767393
 9.07E-06   0.662171    3.634446
0.56342    2.877254   15.050690    0.767393
 9.07E-06   1.059693    4.629744
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2632

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1.944432  -12.017645   -0.947719
-0.000971   -0.530190   -40.115302
0.14085   -1.944432  -12.017645   -0.947719
-0.000971   -0.132414   -35.762878
0.28171   -1.944432  -12.017645   -0.947719
-0.000971   -0.216952   -32.109539
0.42256   -1.944432  -12.017645   -0.947719
-0.000971   -0.536578   -32.233631
0.56342   -1.944432  -12.017645   -0.947719
-0.000971   -0.860421   -32.858395

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.123412   25.275581    1.269318
 0.000171   0.709015   19.548982
0.14085    7.123412   25.275581    1.269318
 0.000171   0.176932   13.410246
0.28171    7.123412   25.275581    1.269318
 0.000171   0.441286   13.463864
0.42256    7.123412   25.275581    1.269318
 0.000171   1.103908   20.115587
0.56342    7.123412   25.275581    1.269318
 0.000171   1.766614   28.043418

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -2.567943  -31.688758   -1.580216
-0.001680   -0.884039   -58.626914
0.14085   -2.567943  -31.688758   -1.580216
-0.001680   -0.220722   -50.582828
0.28171   -2.567943  -31.688758   -1.580216
-0.001680   -0.354900   -46.357358
0.42256   -2.567943  -31.688758   -1.580216
-0.001680   -0.886853   -47.279048
0.56342   -2.567943  -31.688758   -1.580216
-0.001680   -1.419142   -49.462990

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.574221   25.013030    1.410615
 7.40E-06   0.787235   64.308659
0.14085    8.574221   25.013030    1.410615
 7.40E-06   0.195854   79.980494
0.28171    8.574221   25.013030    1.410615
 7.40E-06   0.510666  100.135362
0.42256    8.574221   25.013030    1.410615
 7.40E-06   1.283526  125.748967
0.56342    8.574221   25.013030    1.410615
 7.40E-06   2.056164  152.190965

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -2.955520  -75.207841   -1.841374
-0.001241   -1.032178   -52.487980
0.14085   -2.955520  -75.207841   -1.841374
-0.001241   -0.258201   -48.105716
0.28171   -2.955520  -75.207841   -1.841374
-0.001241   -0.394650   -45.954074
0.42256   -2.955520  -75.207841   -1.841374
-0.001241   -0.985640   -48.194958
0.56342   -2.955520  -75.207841   -1.841374
-0.001241   -1.577141   -51.066616

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.727899   88.118855    1.356150
 0.003113   0.472245  117.129978
0.14085    7.727899   88.118855    1.356150
 0.003113   0.197879  104.736960
0.28171    7.727899   88.118855    1.356150
 0.003113   0.504998  107.306474
0.42256    7.727899   88.118855    1.356150
 0.003113   1.262092  125.502410
0.56342    7.727899   88.118855    1.356150
 0.003113   2.024940  150.319357
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2633

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.129895  -72.749289   -1.823416
-0.003410   -1.034127   -47.846254
0.14085   -9.129895  -72.749289   -1.823416
-0.003410   -0.269441   -41.520843
0.28171   -9.129895  -72.749289   -1.823416
-0.003410   -0.380526   -50.777580
0.42256   -9.129895  -72.749289   -1.823416
-0.003410   -0.942843   -69.836480
0.56342   -9.129895  -72.749289   -1.823416
-0.003410   -1.508517   -99.224719

COMB DB ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.291724  150.248723    0.840544
 0.007850   0.471310  121.009190
0.14085    9.291724  150.248723    0.840544
 0.007850   0.126669  123.608363
0.28171    9.291724  150.248723    0.840544
 0.007850   0.372392  129.921475
0.42256    9.291724  150.248723    0.840544
 0.007850   0.936724  151.883088
0.56342    9.291724  150.248723    0.840544
 0.007850   1.501715  183.403521

COMB DB ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -15.198477   -82.861653   -1.347649
-0.006024   -0.760155   -52.944482
0.14085  -15.198477   -82.861653   -1.347649
-0.006024   -0.203559   -53.966694
0.28171  -15.198477   -82.861653   -1.347649
-0.006024   -0.235963   -76.590651
0.42256  -15.198477   -82.861653   -1.347649
-0.006024   -0.586538   -111.322881
0.56342  -15.198477   -82.861653   -1.347649
-0.006024   -0.941068   -168.123913

COMB DL ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.616792  141.279056    1.410615
 0.007926   0.787235  122.005142
0.14085    8.616792  141.279056    1.410615
 0.007926   0.197879  125.120890
0.28171    8.616792  141.279056    1.410615
 0.007926   0.510666  131.504371
0.42256    8.616792  141.279056    1.410615
 0.007926   1.283526  151.122052
0.56342    8.616792  141.279056    1.410615
 0.007926   2.056164  179.376635

COMB DL ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -14.609817   -79.247886   -1.841374
-0.006020   -1.034127   -58.626914
0.14085   -14.609817   -79.247886   -1.841374
-0.006020   -0.269441   -56.436738
0.28171   -14.609817   -79.247886   -1.841374
-0.006020   -0.394650   -76.386971
0.42256   -14.609817   -79.247886   -1.841374
-0.006020   -0.985640  -104.652663
0.56342   -14.609817   -79.247886   -1.841374
-0.006020   -1.577141  -161.324178

COMB CAR ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.291724  150.248723    1.410615
 0.007926   0.787235  122.005142
0.14085    9.291724  150.248723    1.410615
 0.007926   0.197879  125.120890
0.28171    9.291724  150.248723    1.410615
 0.007926   0.510666  131.504371
0.42256    9.291724  150.248723    1.410615
 0.007926   1.283526  151.883088
0.56342    9.291724  150.248723    1.410615
 0.007926   2.056164  183.403521
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2634

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -15.198477   -82.861653   -1.841374
-0.006024   -1.034127   -58.626914
0.14085  -15.198477   -82.861653   -1.841374
-0.006024   -0.269441   -56.436738
0.28171  -15.198477   -82.861653   -1.841374
-0.006024   -0.394650   -76.590651
0.42256  -15.198477   -82.861653   -1.841374
-0.006024   -0.985640  -111.322881
0.56342  -15.198477   -82.861653   -1.841374
-0.006024   -1.577141  -168.123913

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.291724  150.248723    1.410615
 0.007926   0.787235  122.005142
0.14085    9.291724  150.248723    1.410615
 0.007926   0.197879  125.120890
0.28171    9.291724  150.248723    1.410615
 0.007926   0.510666  131.504371
0.42256    9.291724  150.248723    1.410615
 0.007926   1.283526  151.883088
0.56342    9.291724  150.248723    1.410615
 0.007926   2.056164  183.403521

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -15.198477   -82.861653   -1.841374
-0.006024   -1.034127   -58.626914
0.14085  -15.198477   -82.861653   -1.841374
-0.006024   -0.269441   -56.436738
0.28171  -15.198477   -82.861653   -1.841374
-0.006024   -0.394650   -76.590651
0.42256  -15.198477   -82.861653   -1.841374
-0.006024   -0.985640  -111.322881
0.56342  -15.198477   -82.861653   -1.841374
-0.006024   -1.577141  -168.123913

ELEM      240 ================== LENGTH
=     2.977259

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    0.398032   70.176994    0.500213
 0.001168   0.552617   95.668223
0.57748    0.398032   70.176994    0.500213
 0.001168   0.342869   66.311787
0.71832    0.398032   70.176994    0.500213
 0.001168   0.133197   37.015871
0.85916    0.398032   70.176994    0.500213
 0.001168   0.079429    8.035068
1.00000    0.398032   70.176994    0.500213
 0.001168   0.309323    2.601740

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664   -9.733766   -9.577366   -0.548178
-0.000130   -0.610118   -20.380842
0.57748   -9.733766   -9.577366   -0.548178
-0.000130   -0.380269   -16.486506
0.71832   -9.733766   -9.577366   -0.548178
-0.000130   -0.150425   -12.971358
0.85916   -9.733766   -9.577366   -0.548178
-0.000130   -0.076619   -9.677593
1.00000   -9.733766   -9.577366   -0.548178
-0.000130   -0.286371   -23.262067

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    4.946853  100.386067    0.673169
 0.007544   0.720414  185.878494
0.57748    4.946853  100.386067    0.673169
 0.007544   0.438262  146.320004
0.71832    4.946853  100.386067    0.673169
 0.007544   0.177759   76.992675
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<                    MOVING          LOAD                    >
                                      2635

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.85916    4.946853  100.386067    0.673169
 0.007544   0.132818  112.966021
1.00000    4.946853  100.386067    0.673169
 0.007544   0.444260  119.763852

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664  -12.318867   -92.443244   -0.745361
-0.006229   -0.808118   -50.411155
0.57748  -12.318867   -92.443244   -0.745361
-0.006229   -0.503601   -25.189159
0.71832  -12.318867   -92.443244   -0.745361
-0.006229   -0.202548   -18.290923
0.85916  -12.318867   -92.443244   -0.745361
-0.006229   -0.129006   -13.588066
1.00000  -12.318867   -92.443244   -0.745361
-0.006229   -0.410877   -11.940888

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    8.144270   90.724993    0.770101
 0.005560   0.837387  177.275083
0.57748    8.144270   90.724993    0.770101
 0.005560   0.514572  142.024538
0.71832    8.144270   90.724993    0.770101
 0.005560   0.206479  117.131293
0.85916    8.144270   90.724993    0.770101
 0.005560   0.147015  106.094983
1.00000    8.144270   90.724993    0.770101
 0.005560   0.535238  117.492079

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664  -11.358730  -118.885590   -0.928434
-0.004680   -1.023617   -94.256564
0.57748  -11.358730  -118.885590   -0.928434
-0.004680   -0.639929   -53.231059
0.71832  -11.358730  -118.885590   -0.928434
-0.004680   -0.258663   -23.068911
0.85916  -11.358730  -118.885590   -0.928434
-0.004680   -0.133209   -13.643720
1.00000  -11.358730  -118.885590   -0.928434
-0.004680   -0.455790   -11.533484

COMB DB-G1-4 ------------------- MAX
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REL DIST          P          V2          V3
         T         M2         M3
0.43664    9.561746   79.211611    0.888733
 0.004618   0.972181  156.223946
0.57748    9.561746   79.211611    0.888733
 0.004618   0.599600  125.351042
0.71832    9.561746   79.211611    0.888733
 0.004618   0.239242  103.079116
0.85916    9.561746   79.211611    0.888733
 0.004618   0.168008   92.364999
1.00000    9.561746   79.211611    0.888733
 0.004618   0.628762  100.377856

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -9.969098 -114.355486   -1.102601
-0.004225  -1.222013 -124.760428
0.57748   -9.969098 -114.355486   -1.102601
-0.004225  -0.764359  -84.362120
0.71832   -9.969098 -114.355486   -1.102601
-0.004225  -0.308718  -53.428632
0.85916   -9.969098 -114.355486   -1.102601
-0.004225  -0.147319  -40.115160
1.00000   -9.969098 -114.355486   -1.102601
-0.004225  -0.519711  -32.514111

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    5.867756   9.102834    0.141349
0.005429   0.137913  49.715297
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2636

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.57748    5.867756   9.102834    0.141349
0.005429   0.078752  48.925657
0.71832    5.867756   9.102834    0.141349
0.005429   0.037735  60.529974
0.85916    5.867756   9.102834    0.141349
0.005429   0.049017  89.033633
1.00000    5.867756   9.102834    0.141349
0.005429   0.135707  128.811491

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.751973 -100.047728   -0.209343
-0.005419  -0.217270  -45.561901
0.57748   -0.751973 -100.047728   -0.209343
-0.005419  -0.136257  -15.173554
0.71832   -0.751973 -100.047728   -0.209343
-0.005419  -0.056198   -3.665238
0.85916   -0.751973 -100.047728   -0.209343
-0.005419  -0.042067   -2.914287
1.00000   -0.751973 -100.047728   -0.209343
-0.005419  -0.101016   -2.248204

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   10.096782   9.798861    0.390221
 0.005085   0.416282  54.129550
0.57748   10.096782   9.798861    0.390221
 0.005085   0.252763  53.196224
0.71832   10.096782   9.798861    0.390221
 0.005085   0.130716  64.083494
0.85916   10.096782   9.798861    0.390221
 0.005085   0.092485  90.797535
1.00000   10.096782   9.798861    0.390221
 0.005085   0.320340  132.982071

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -1.292316 -133.690915   -0.548065
-0.005505  -0.600779 -103.900532
0.57748   -1.292316 -133.690915   -0.548065
-0.005505  -0.377400  -58.138986
0.71832   -1.292316 -133.690915   -0.548065
-0.005505  -0.156806  -25.310323
0.85916   -1.292316 -133.690915   -0.548065
-0.005505  -0.076595  -15.961564
1.00000   -1.292316 -133.690915   -0.548065
-0.005505  -0.239955  -12.497517

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    9.131592   81.105619    0.687032
 0.004353   0.749532 188.576119
0.57748    9.131592   81.105619    0.687032
 0.004353   0.461525 157.154184
0.71832    9.131592   81.105619    0.687032
 0.004353   0.185450 134.330489
0.85916    9.131592   81.105619    0.687032
 0.004353   0.132790 123.518811
1.00000    9.131592   81.105619    0.687032
 0.004353   0.490073 127.366715

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -8.854064 -117.118414   -0.855823
-0.004042  -0.946741 -105.271920
0.57748   -8.854064 -117.118414   -0.855823
-0.004042  -0.592438  -63.528343
0.71832   -8.854064 -117.118414   -0.855823
-0.004042  -0.240176  -31.308677
0.85916   -8.854064 -117.118414   -0.855823
-0.004042  -0.117276  -20.879299
1.00000   -8.854064 -117.118414   -0.855823
-0.004042  -0.404044  -15.505365
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2637

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   10.306516   72.060439    0.835451
 0.003643   0.916458 168.591999
0.57748   10.306516   72.060439    0.835451
 0.003643   0.566206 140.530985
0.71832   10.306516   72.060439    0.835451
 0.003643   0.225915 119.668947
0.85916   10.306516   72.060439    0.835451
 0.003643   0.159991 108.822606
1.00000   10.306516   72.060439    0.835451
 0.003643   0.606220 110.179061

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -7.602235 -109.127760   -1.067667
-0.003706  -1.185780 -133.992067
0.57748   -7.602235 -109.127760   -1.067667
-0.003706  -0.741938  -94.433043
0.71832   -7.602235 -109.127760   -1.067667
-0.003706  -0.299785  -62.787845
0.85916   -7.602235 -109.127760   -1.067667
-0.003706  -0.135719  -49.186047
1.00000   -7.602235 -109.127760   -1.067667
-0.003706  -0.485841  -40.143518

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    4.262110   7.644797    0.411328
6.92E-06   0.456654  20.229343
0.57748    4.262110   7.644797    0.411328
6.92E-06   0.284179  17.032861
0.71832    4.262110   7.644797    0.411328
6.92E-06   0.111729  13.861890
0.85916    4.262110   7.644797    0.411328
6.92E-06   0.077391  10.751717
1.00000    4.262110   7.644797    0.411328
6.92E-06   0.309874   7.696166

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.254949  -16.200674   -0.555056
-0.000502  -0.621298  -70.643780
0.57748   -0.254949  -16.200674   -0.555056
-0.000502  -0.388564  -64.011937
0.71832   -0.254949  -16.200674   -0.555056
-0.000502  -0.155861  -57.410594
0.85916   -0.254949  -16.200674   -0.555056
-0.000502  -0.060714  -50.828801
1.00000   -0.254949  -16.200674   -0.555056
-0.000502  -0.233292  -44.313144

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    7.932198   10.935285    0.674103
 0.000201   0.747948  27.764681
0.57748    7.932198   10.935285    0.674103
 0.000201   0.465275  23.597356
0.71832    7.932198   10.935285    0.674103
 0.000201   0.183323  19.977555
0.85916    7.932198   10.935285    0.674103
 0.000201   0.125777  16.966013
1.00000    7.932198   10.935285    0.674103
 0.000201   0.501404  14.599718

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -1.017976  -42.514879   -0.900473
-0.001102  -1.009330 -124.466296
0.57748   -1.017976  -42.514879   -0.900473
-0.001102  -0.632006 -107.625872
0.71832   -1.017976  -42.514879   -0.900473
-0.001102  -0.254897  -91.837228
0.85916   -1.017976  -42.514879   -0.900473
-0.001102  -0.100038  -76.469945
1.00000   -1.017976  -42.514879   -0.900473
-0.001102  -0.382761  -61.605732
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2638

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   11.159074   10.512146    0.718319
 0.000531   0.779979  46.420829
0.57748   11.159074   10.512146    0.718319
 0.000531   0.496794  43.611595
0.71832   11.159074   10.512146    0.718319
 0.000531   0.196713  42.547585
0.85916   11.159074   10.512146    0.718319
 0.000531   0.138150  45.711287
1.00000   11.159074   10.512146    0.718319
 0.000531   0.559293  63.471564

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.917712  -95.062927   -1.007403
-0.001485  -1.130888 -154.903637
0.57748   -0.917712  -95.062927   -1.007403
-0.001485  -0.708993 -116.008335
0.71832   -0.917712  -95.062927   -1.007403
-0.001485  -0.287482  -79.292449
0.85916   -0.917712  -95.062927   -1.007403
-0.001485  -0.279725  -68.037517
1.00000   -0.917712  -95.062927   -1.007403
-0.001485  -0.406941  -55.641548

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   11.522693   57.772634    0.814347
 0.003891   0.891533 152.159014
0.57748   11.522693   57.772634    0.814347
 0.003891   0.550141 130.251277
0.71832   11.522693   57.772634    0.814347
 0.003891   0.220562 116.770715
0.85916   11.522693   57.772634    0.814347
 0.003891   0.161249 114.641748
1.00000   11.522693   57.772634    0.814347
 0.003891   0.606656 124.316339

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -5.377184 -114.814982   -1.065889
-0.004316  -1.182641 -144.663150
0.57748   -5.377184 -114.814982   -1.065889
-0.004316  -0.740214 -103.848796
0.71832   -5.377184 -114.814982   -1.065889
-0.004316  -0.299781  -72.172548
0.85916   -5.377184 -114.814982   -1.065889
-0.004316  -0.134239  -58.394767
1.00000   -5.377184 -114.814982   -1.065889
-0.004316  -0.475555  -49.046172

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    0.367276   68.365591    0.552036
 0.001066   0.612825  91.012191
0.57748    0.367276   68.365591    0.552036
 0.001066   0.381651  62.698383
0.71832    0.367276   68.365591    0.552036
 0.001066   0.149479  34.725939
0.85916    0.367276   68.365591    0.552036
 0.001066   0.100336   8.001064
1.00000    0.367276   68.365591    0.552036
 0.001066   0.389476   2.972225

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -9.447876  -11.978664   -0.690800
-0.000114  -0.768585  -29.040468
0.57748   -9.447876  -11.978664   -0.690800
-0.000114  -0.478984  -24.363666
0.71832   -9.447876  -11.978664   -0.690800
-0.000114  -0.189868  -20.129618
0.85916   -9.447876  -11.978664   -0.690800
-0.000114  -0.081159  -17.037344
1.00000   -9.447876  -11.978664   -0.690800
-0.000114  -0.313846  -33.956067
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2639

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    5.409354   96.384092    0.797278
 0.007410   0.856743 183.412578
0.57748    5.409354   96.384092    0.797278
 0.007410   0.523009 147.964524
0.71832    5.409354   96.384092    0.797278
 0.007410   0.211707 125.657949
0.85916    5.409354   96.384092    0.797278
 0.007410   0.171067 119.598877
1.00000    5.409354   96.384092    0.797278
 0.007410   0.581280 128.057093

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -11.615685  -92.287620   -0.982148
-0.006203  -1.066040  -65.082866
0.57748   -11.615685  -92.287620   -0.982148
-0.006203  -0.662084  -34.537946
0.71832   -11.615685  -92.287620   -0.982148
-0.006203  -0.267137  -26.031882
0.85916   -11.615685  -92.287620   -0.982148
-0.006203  -0.146910  -20.182164
1.00000   -11.615685  -92.287620   -0.982148
-0.006203  -0.482045  -24.579361

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    8.010871   87.089412    1.000391
 0.005623   1.093247 170.759652
0.57748    8.010871   87.089412    1.000391
 0.005623   0.679879 139.271036
0.71832    8.010871   87.089412    1.000391
 0.005623   0.270731 118.546395
0.85916    8.010871   87.089412    1.000391
 0.005623   0.199033 116.338302
1.00000    8.010871   87.089412    1.000391
 0.005623   0.725926 131.739609

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -10.657578 -115.084772   -1.260718
-0.004758  -1.658751  -97.462964
0.57748   -10.657578 -115.084772   -1.260718
-0.004758  -0.864501  -56.140771
0.71832   -10.657578 -115.084772   -1.260718
-0.004758  -0.348177  -31.127610
0.85916   -10.657578 -115.084772   -1.260718
-0.004758  -0.165519  -19.709932
1.00000   -10.657578 -115.084772   -1.260718
-0.004758  -0.585813  -22.864203

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    9.196201   77.089161    1.218169
 0.004671   1.338942 153.709109
0.57748    9.196201   77.089161    1.218169
 0.004671   0.828365 125.586630
0.71832    9.196201   77.089161    1.218169
 0.004671   0.331147 106.438079
0.85916    9.196201   77.089161    1.218169
 0.004671   0.230028 102.658508
1.00000    9.196201   77.089161    1.218169
 0.004671   0.860409 113.519331

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -9.425015 -113.140573   -1.506831
-0.004250  -1.666172 -132.682077
0.57748   -9.425015 -113.140573   -1.506831
-0.004250  -1.039342  -91.198696
0.71832   -9.425015 -113.140573   -1.506831
-0.004250  -0.417361  -63.430998
0.85916   -9.425015 -113.140573   -1.506831
-0.004250  -0.193346  -47.381196
1.00000   -9.425015 -113.140573   -1.506831
-0.004250  -0.704736  -43.322196
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2640

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    5.832787   9.443512    0.232429
 0.004560   0.235453  54.237584
0.57748    5.832787   9.443512    0.232429
 0.004560   0.142016  55.772976
0.71832    5.832787   9.443512    0.232429
 0.004560   0.061332  68.647202
0.85916    5.832787   9.443512    0.232429
 0.004560   0.061807  96.313988
1.00000    5.832787   9.443512    0.232429
 0.004560   0.186453 129.592977

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.728653  -88.177024   -0.299335
-0.004528  -0.316154  -46.146647
0.57748   -0.728653  -88.177024   -0.299335
-0.004528  -0.196109  -16.511961
0.71832   -0.728653  -88.177024   -0.299335
-0.004528  -0.082267   -4.886434
0.85916   -0.728653  -88.177024   -0.299335
-0.004528  -0.053679   -3.705347
1.00000   -0.728653  -88.177024   -0.299335
-0.004528  -0.151133   -2.793785

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    9.341772   10.777426    0.628049
 0.004398   0.682231  56.228577
0.57748    9.341772   10.777426    0.628049
 0.004398   0.418932  56.966936
0.71832    9.341772   10.777426    0.628049
 0.004398   0.171585  68.533008
0.85916    9.341772   10.777426    0.628049
 0.004398   0.129653  99.038751
1.00000    9.341772   10.777426    0.628049
 0.004398   0.463040 137.642152

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -1.274056 -119.964186   -0.799063
-0.004702  -0.876857  -97.150649
0.57748   -1.274056 -119.964186   -0.799063
-0.004702  -0.547020  -53.899367
0.71832   -1.274056 -119.964186   -0.799063
-0.004702  -0.223329  -26.689951
0.85916   -1.274056 -119.964186   -0.799063
-0.004702  -0.108399  -16.384817
1.00000   -1.274056 -119.964186   -0.799063
-0.004702  -0.371759  -12.340794

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    8.398687   78.857345    0.940828
 0.003556   1.035744 188.971499
0.57748    8.398687   78.857345    0.940828
 0.003556   0.641350 160.055913
0.71832    8.398687   78.857345    0.940828
 0.003556   0.256893 138.996564
0.85916    8.398687   78.857345    0.940828
 0.003556   0.178393 132.716891
1.00000    8.398687   78.857345    0.940828
 0.003556   0.672393 133.859088

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -8.120805 -105.640792   -1.181591
-0.003211  -1.308625 -103.146883
0.57748   -8.120805 -105.640792   -1.181591
-0.003211  -0.816371  -64.080045
0.71832   -8.120805 -105.640792   -1.181591
-0.003211  -0.328504  -36.129864
0.85916   -8.120805 -105.640792   -1.181591
-0.003211  -0.147676  -23.950954
1.00000   -8.120805 -105.640792   -1.181591
-0.003211  -0.543212  -17.277803
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2641

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    9.702204   71.588395    1.214359
 0.002978   1.341495 173.519152
0.57748    9.702204   71.588395    1.214359
 0.002978   0.832308 146.961379
0.71832    9.702204   71.588395    1.214359
 0.002978   0.331610 126.928376
0.85916    9.702204   71.588395    1.214359
 0.002978   0.218378 119.299238
1.00000    9.702204   71.588395    1.214359
 0.002978   0.838369 117.937475

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -7.031562 -102.470800   -1.480984
-0.002989  -1.644916 -140.787966
0.57748   -7.031562 -102.470800   -1.480984
-0.002989  -1.026916 -102.291524
0.71832   -7.031562 -102.470800   -1.480984
-0.002989  -0.411869  -73.093250
0.85916   -7.031562 -102.470800   -1.480984
-0.002989  -0.185539  -56.904285
1.00000   -7.031562 -102.470800   -1.480984
-0.002989  -0.695565  -45.604862

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    4.456817   10.139829    0.685558
 4.05E-06   0.761601  28.521601
0.57748    4.456817   10.139829    0.685558
 4.05E-06   0.474063  24.281076
0.71832    4.456817   10.139829    0.685558
 4.05E-06   0.186519  20.062219
0.85916    4.456817   10.139829    0.685558
 4.05E-06   0.109021  15.867841
1.00000    4.456817   10.139829    0.685558
 4.05E-06   0.435350  11.728202

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.290253  -20.103066   -0.776666
-0.000470  -0.667694  -85.076079
0.57748   -0.290253  -20.103066   -0.776666
-0.000470  -0.542470  -76.746562
0.71832   -0.290253  -20.103066   -0.776666
-0.000470  -0.216243  -68.442741
0.85916   -0.290253  -20.103066   -0.776666
-0.000470  -0.099722  -60.203095
1.00000   -0.290253  -20.103066   -0.776666
-0.000470  -0.387216  -52.038202

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664    7.664686   14.160107    1.098108
 0.000130   1.220688  38.283047
0.57748    7.664686   14.160107    1.098108
 0.000130   0.760109  32.626386
0.71832    7.664686   14.160107    1.098108
 0.000130   0.300503  27.285274
0.85916    7.664686   14.160107    1.098108
 0.000130   0.180424  22.450667
1.00000    7.664686   14.160107    1.098108
 0.000130   0.716892  18.490518

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -1.155176  -47.238356   -1.279855
-0.000955  -1.430628 -142.111678
0.57748   -1.155176  -47.238356   -1.279855
-0.000955  -0.894370 -122.879075
0.71832   -1.155176  -47.238356   -1.279855
-0.000955  -0.357004  -74.398356
0.85916   -1.155176  -47.238356   -1.279855
-0.000955  -0.159631  -86.887897
1.00000   -1.155176  -47.238356   -1.279855
-0.000955  -0.619680  -70.161319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2642

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   10.504677   13.211091    1.177762
 0.000213   1.311791  52.575898
0.57748   10.504677   13.211091    1.177762
 0.000213   0.817815  49.633647
0.71832   10.504677   13.211091    1.177762
 0.000213   0.324477  49.445980
0.85916   10.504677   13.211091    1.177762
 0.000213   0.196766  57.759470
1.00000   10.504677   13.211091    1.177762
 0.000213   0.791525  73.472083

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -0.962693  -90.822161   -1.418748
-0.001033  -1.588222 -160.801790
0.57748   -0.962693  -90.822161   -1.418748
-0.001033  -0.993624 -125.006466
0.71832   -0.962693  -90.822161   -1.418748
-0.001033  -0.398154  -91.709429
0.85916   -0.962693  -90.822161   -1.418748
-0.001033  -0.168291  -75.220353
1.00000   -0.962693  -90.822161   -1.418748
-0.001033  -0.662506  -63.146342

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43664   10.939962   59.187253    1.246937
 0.002932   1.376849 162.761330
0.57748   10.939962   59.187253    1.246937
 0.002932   0.853602 141.636572
0.71832   10.939962   59.187253    1.246937
 0.002932   0.340357 127.045634
0.85916   10.939962   59.187253    1.246937
 0.002932   0.221229 126.261345
1.00000   10.939962   59.187253    1.246937
 0.002932   0.848204 131.078963

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43664   -5.022431 -105.911347   -1.497167
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-0.003283   -1.663162 -153.611893
 0.57748    -5.022431 -105.911347    -1.497167
-0.003283   -1.038708 -113.970850
 0.71832    -5.022431 -105.911347    -1.497167
-0.003283   -0.416956  -84.406647
 0.85916    -5.022431 -105.911347    -1.497167
-0.003283   -0.191394  -68.467851
 1.00000    -5.022431 -105.911347    -1.497167
-0.003283   -0.714526  -56.413693

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.43664   11.522693  100.386067    0.888733
 0.007544   0.972181   188.576119
 0.57748   11.522693  100.386067    0.888733
 0.007544   0.599600   157.154184
 0.71832   11.522693  100.386067    0.888733
 0.007544   0.239242   134.330489
 0.85916   11.522693  100.386067    0.888733
 0.007544   0.168008   123.518811
 1.00000   11.522693  100.386067    0.888733
 0.007544   0.628762   132.982071

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.43664  -12.318867 -133.690915    -1.102601
-0.006229   -1.222013 -154.903637
 0.57748  -12.318867 -133.690915    -1.102601
-0.006229   -0.764359 -116.008335
 0.71832  -12.318867 -133.690915    -1.102601
-0.006229   -0.308718  -91.837228
 0.85916  -12.318867 -133.690915    -1.102601
-0.006229   -0.147319  -76.469945
 1.00000  -12.318867 -133.690915    -1.102601
-0.006229   -0.611771 -140.605732
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2643

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.43664   10.939962   96.384092    1.246937
 0.007410   1.376849   188.971499
 0.57748   10.939962   96.384092    1.246937
 0.007410   0.853602   160.055913
 0.71832   10.939962   96.384092    1.246937
 0.007410   0.340357   138.996564
 0.85916   10.939962   96.384092    1.246937
 0.007410   0.230028   132.716891
 1.00000   10.939962   96.384092    1.246937
 0.007410   0.860409   137.642152

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.43664  -11.615685 -119.964186    -1.506831
-0.006203   -1.666172 -160.801790
 0.57748  -11.615685 -119.964186    -1.506831
-0.006203   -1.039342 -125.006466
 0.71832  -11.615685 -119.964186    -1.506831
-0.006203   -0.417361 -104.398356
 0.85916  -11.615685 -119.964186    -1.506831
-0.006203   -0.193346  -86.887897
 1.00000  -11.615685 -119.964186    -1.506831
-0.006203   -0.714526  -70.161319

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.43664   11.522693  100.386067    1.246937
 0.007544   1.376849   188.971499
 0.57748   11.522693  100.386067    1.246937
 0.007544   0.853602   160.055913
 0.71832   11.522693  100.386067    1.246937
 0.007544   0.340357   138.996564
 0.85916   11.522693  100.386067    1.246937
 0.007544   0.230028   132.716891
 1.00000   11.522693  100.386067    1.246937
 0.007544   0.860409   137.642152

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.43664  -12.318867 -133.690915    -1.506831
-0.006229   -1.666172 -160.801790
 0.57748  -12.318867 -133.690915    -1.506831
-0.006229   -1.039342 -125.006466
 0.71832  -12.318867 -133.690915    -1.506831
-0.006229   -0.417361 -104.398356
 0.85916  -12.318867 -133.690915    -1.506831
-0.006229   -0.193346  -86.887897
 1.00000  -12.318867 -133.690915    -1.506831
-0.006229   -0.714526  -70.161319

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.43664   11.522693  100.386067    1.246937
 0.007544   1.376849   188.971499
 0.57748   11.522693  100.386067    1.246937
 0.007544   0.853602   160.055913
 0.71832   11.522693  100.386067    1.246937
 0.007544   0.340357   138.996564
 0.85916   11.522693  100.386067    1.246937
 0.007544   0.230028   132.716891
 1.00000   11.522693  100.386067    1.246937
 0.007544   0.860409   137.642152

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.43664  -12.318867 -133.690915    -1.506831
-0.006229   -1.666172 -160.801790
 0.57748  -12.318867 -133.690915    -1.506831
-0.006229   -1.039342 -125.006466
 0.71832  -12.318867 -133.690915    -1.506831
-0.006229   -0.417361 -104.398356
 0.85916  -12.318867 -133.690915    -1.506831
-0.006229   -0.193346  -86.887897
 1.00000  -12.318867 -133.690915    -1.506831
-0.006229   -0.714526  -70.161319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2644

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      241 ================== LENGTH
=     2.977363

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   0.403651   69.580361    0.441220
 0.001032   0.241403    2.598645
 0.14084   0.403651   69.580361    0.441220
 0.001032   0.056392    2.942182
 0.28169   0.403651   69.580361    0.441220
 0.001032   0.149492    4.528524
 0.42253   0.403651   69.580361    0.441220
 0.001032   0.373088    8.123174
 0.56337   0.403651   69.580361    0.441220
 0.001032   0.596691   11.974156

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -9.683021  -9.478130    -0.533247
-7.18E-06   -0.297759  -23.291946
 0.14084   -9.683021  -9.478130    -0.533247
-7.18E-06   -0.074114  -52.023201
 0.28169   -9.683021  -9.478130    -0.533247
-7.18E-06   -0.128978  -81.117497
 0.42253   -9.683021  -9.478130    -0.533247
-7.18E-06   -0.313976 -110.219917
 0.56337   -9.683021  -9.478130    -0.533247
-7.18E-06   -0.498999 -139.349852

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   2.129168  164.742459    0.601064
 0.007525   0.356820  120.117411
 0.14084   2.129168  164.742459    0.601064
 0.007525   0.105391   95.379190
 0.28169   2.129168  164.742459    0.601064
 0.007525   0.202496   72.906161
 0.42253   2.129168  164.742459    0.601064
 0.007525   0.495266   69.579613
 0.56337   2.129168  164.742459    0.601064
 0.007525   0.794961   80.015116

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -16.391209  -31.729172    -0.733124
-0.006079   -0.434977  -11.972915
 0.14084  -16.391209  -31.729172    -0.733124
-0.006079   -0.128587  -47.614701
 0.28169  -16.391209  -31.729172    -0.733124
-0.006079   -0.172219  -85.797613
 0.42253  -16.391209  -31.729172    -0.733124
-0.006079   -0.401347 -125.578444
 0.56337  -16.391209  -31.729172    -0.733124
-0.006079   -0.653117 -186.499086

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   6.320401  134.313541    0.710329
 0.005504   0.411424  117.704746
 0.14084   6.320401  134.313541    0.710329
 0.005504   0.113866  123.456400
 0.28169   6.320401  134.313541    0.710329
 0.005504   0.262832  131.482521
 0.42253   6.320401  134.313541    0.710329
 0.005504   0.651553  152.828679
 0.56337   6.320401  134.313541    0.710329
 0.005504   1.044972  183.563824

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -14.100251  -78.164423    -0.950740
-0.004264   -0.549915  -11.559625
 0.14084  -14.100251  -78.164423    -0.950740
-0.004264   -0.151989  -46.016061
 0.28169  -14.100251  -78.164423    -0.950740
-0.004264   -0.201321  -80.808260
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2645

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
 0.42253  -14.100251  -78.164423    -0.950740
-0.004264   -0.483591  -117.309171
 0.56337  -14.100251  -78.164423    -0.950740
-0.004264   -0.781255  -168.153896

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.081914  115.423919    0.832416
 0.004621   0.477053  100.560434
 0.14084   8.081914  115.423919    0.832416
 0.004621   0.128216  104.047767
 0.28169   8.081914  115.423919    0.832416
 0.004621   0.314538  112.482390
 0.42253   8.081914  115.423919    0.832416
 0.004621   0.712641  132.576325
 0.56337   8.081914  115.423919    0.832416
 0.004621   1.254645  162.318175

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -12.246735  -80.831840    -1.136004
-0.004030   -0.650974  -32.547272
 0.14084  -12.246735  -80.831840    -1.136004
-0.004030   -0.175231  -55.387354
 0.28169  -12.246735  -80.831840    -1.136004
-0.004030   -0.552206  -83.698476
 0.42253  -12.246735  -80.831840    -1.136004
-0.004030   -0.571320 -105.237449
 0.56337  -12.246735  -80.831840    -1.136004
-0.004030   -0.920203 -144.509070

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   3.553278   63.713173    0.142838
 0.005241   0.103716  129.096122
 0.14084   3.553278   63.713173    0.142838
 0.005241   0.044119  121.356495
 0.28169   3.553278   63.713173    0.142838
 0.005241   0.060355  113.777967
 0.42253   3.553278   63.713173    0.142838
 0.005241   0.143681  121.208914
 0.56337   3.553278   63.713173    0.142838
 0.005241   0.232761  139.859075

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -4.213174  -49.670599    -0.227923
-0.005083   -0.149756   -2.240742
 0.14084  -4.213174  -49.670599    -0.227923
-0.005083   -0.055074   -1.670013
 0.28169  -4.213174  -49.670599    -0.227923
-0.005083   -0.037016   -1.434317
 0.42253  -4.213174  -49.670599    -0.227923
-0.005083   -0.077718   -3.333613
 0.56337  -4.213174  -49.670599    -0.227923
-0.005083   -0.137373  -22.895525

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   8.013586   60.640038    0.390957
 0.005092   0.241158  133.233341
 0.14084   8.013586   60.640038    0.390957
 0.005092   0.077543  138.824078
 0.28169   8.013586   60.640038    0.390957
 0.005092   0.163520  148.042751
 0.42253   8.013586   60.640038    0.390957
 0.005092   0.404510  171.430351
 0.56337   8.013586   60.640038    0.390957
 0.005092   0.650881  205.861419

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -4.502980  -87.354487    -0.601887
-0.005116   -0.358875  -12.494176
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2646

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
 0.14084   -4.502980  -87.354487    -0.601887
-0.005116   -0.107371   -9.079231
 0.28169   -4.502980  -87.354487    -0.601887
-0.005116   -0.106173   -6.495834
 0.42253   -4.502980  -87.354487    -0.601887
-0.005116   -0.252277   -7.792737
 0.56337   -4.502980  -87.354487    -0.601887
-0.005116   -0.415982  -26.839083

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   7.681768  116.317001    0.643880
 0.004512   0.372711  127.509753
 0.14084   7.681768  116.317001    0.643880
 0.004512   0.103145  120.221459
 0.28169   7.681768  116.317001    0.643880
 0.004512   0.246102  132.436771
 0.42253   7.681768  116.317001    0.643880
 0.004512   0.611086  157.522653
 0.56337   7.681768  116.317001    0.643880
 0.004512   0.979868  190.866570

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -11.067933  -84.491307    -0.889603
-0.003686   -0.512441  -15.493974
 0.14084  -11.067933  -84.491307    -0.889603
-0.003686   -0.140017  -17.565975
 0.28169  -11.067933  -84.491307    -0.889603
-0.003686   -0.181191  -45.780034
 0.42253  -11.067933  -84.491307    -0.889603
-0.003686   -0.438436  -77.112902
 0.56337  -11.067933  -84.491307    -0.889603
-0.003686   -0.708279 -121.303573

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   9.123720  101.609011    0.790603
 0.003765   0.452436  110.304012
 0.14084   9.123720  101.609011    0.790603
 0.003765   0.121254  102.369520
 0.28169   9.123720  101.609011    0.790603
 0.003765   0.307096  110.933299
 0.42253   9.123720  101.609011    0.790603
 0.003765   0.764435  131.253437
 0.56337   9.123720  101.609011    0.790603
 0.003765   1.225046  158.705756

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -9.463132  -81.884859    -1.106954
-0.003666   -0.631835  -40.143853
 0.14084   -9.463132  -81.884859    -1.106954
-0.003666   -0.168164  -37.294617
 0.28169   -9.463132  -81.884859    -1.106954
-0.003666   -0.222245  -56.105631
 0.42253   -9.463132  -81.884859    -1.106954
-0.003666   -0.543132  -77.214907
 0.56337   -9.463132  -81.884859    -1.106954
-0.003666   -0.874517 -108.899602

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   4.306689   7.790382    0.396630
 1.56E-05   0.221420   7.704326
 0.14084   4.306689   7.790382    0.396630
 1.56E-05   0.055055   4.802461
 0.28169   4.306689   7.790382    0.396630
 1.56E-05   0.159681   2.409772
 0.42253   4.306689   7.790382    0.396630
 1.56E-05   0.399707   2.466742
 0.56337   4.306689   7.790382    0.396630
 1.56E-05   0.639749   2.626287
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2647

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -0.251052  -16.308863    -0.572446
-0.000765   -0.320452  -44.327852
 0.14084   -0.251052  -16.308863    -0.572446
-0.000765   -0.080386  -37.928171
 0.28169   -0.251052  -16.308863    -0.572446
-0.000765   -0.101254  -31.677670
 0.42253   -0.251052  -16.308863    -0.572446
-0.000765   -0.277550  -25.466185
 0.56337   -0.251052  -16.308863    -0.572446
-0.000765   -0.443874  -19.297649

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   7.932544   13.159229    0.655103
 0.000364   0.366746   14.621226
 0.14084   7.932544   13.159229    0.655103
 0.000364   0.091962   12.766329
 0.28169   7.932544   13.159229    0.655103
 0.000364   0.262059   16.834138
 0.42253   7.932544   13.159229    0.655103
 0.000364   0.656976   24.572122
 0.56337   7.932544   13.159229    0.655103
 0.000364   1.052142   33.403809

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -1.139396  -41.183228    -0.942944
-0.001514   -0.529525  -61.631830
 0.14084   -1.139396  -41.183228    -0.942944
-0.001514   -0.134124  -49.986586
 0.28169   -1.139396  -41.183228    -0.942944
-0.001514   -0.183475  -39.130073
 0.42253   -1.139396  -41.183228    -0.942944
-0.001514   -0.457433  -30.749905
 0.56337   -1.139396  -41.183228    -0.942944
-0.001514   -0.732140  -24.694154

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   11.189052   13.941306    0.706832
 0.000511   0.397734   63.469229
 0.14084   11.189052   13.941306    0.706832
 0.000511   0.101272   86.310332
 0.28169   11.189052   13.941306    0.706832
 0.000511   0.297183  112.819194
 0.42253   11.189052   13.941306    0.706832
 0.000511   0.746062  142.973978
 0.56337   11.189052   13.941306    0.706832
 0.000511   1.195309  174.247710

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -1.104779  -93.098017    -1.072261
-0.001303   -0.603273  -55.656265
 0.14084   -1.104779  -93.098017    -1.072261
-0.001303   -0.153714  -46.208191
 0.28169   -1.104779  -93.098017    -1.072261
-0.001303   -0.196379  -37.242624
 0.42253   -1.104779  -93.098017    -1.072261
-0.001303   -0.491584  -30.042311
 0.56337   -1.104779  -93.098017    -1.072261
-0.001303   -0.787972  -25.039014

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   10.109621   92.962115    0.779116
 0.004063   0.449617   124.480671
 0.14084   10.109621   92.962115    0.779116
 0.004063   0.123063   112.753739
 0.28169   10.109621   92.962115    0.779116
 0.004063   0.308070   116.049295
 0.42253   10.109621   92.962115    0.779116
 0.004063   0.766445   132.167959
 0.56337   10.109621   92.962115    0.779116
 0.004063   1.228606   158.923322
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2648

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -7.585190  -82.521881    -1.112183
-0.004321   -0.637036  -49.051330
 0.14084   -7.585190  -82.521881    -1.112183
-0.004321   -0.171267  -39.745555
 0.28169   -7.585190  -82.521881    -1.112183
-0.004321   -0.217666  -46.487605
 0.42253   -7.585190  -82.521881    -1.112183
-0.004321   -0.531828  -60.029186
 0.56337   -7.585190  -82.521881    -1.112183
-0.004321   -0.858334  -85.989283

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   0.377337   67.880991    0.534853
 0.000976   0.297733    2.967677
 0.14084   0.377337   67.880991    0.534853
 0.000976   0.073800    3.172911
 0.28169   0.377337   67.880991    0.534853
 0.000976   0.188163    4.337437
 0.42253   0.377337   67.880991    0.534853
 0.000976   0.469668    6.682325
 0.56337   0.377337   67.880991    0.534853
 0.000976   0.751616   13.379467

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   -9.423611  -11.884211    -0.671788
-4.23E-06   -0.375274  -33.973507
 0.14084   -9.423611  -11.884211    -0.671788
-4.23E-06   -0.093583  -58.781591
 0.28169   -9.423611  -11.884211    -0.671788
-4.23E-06   -0.150057  -84.016283
 0.42253   -9.423611  -11.884211    -0.671788
-4.23E-06   -0.374227  -111.811580
 0.56337   -9.423611  -11.884211    -0.671788
-4.23E-06   -0.598866  -139.782320

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   2.223969  158.257077    0.769526
 0.007465   0.459050  128.096227
 0.14084   2.223969  158.257077    0.769526
 0.007465   0.135605  102.364931
 0.28169   2.223969  158.257077    0.769526
 0.007465   0.266816   78.457536
 0.42253   2.223969  158.257077    0.769526
 0.007465   0.653502   74.773732
 0.56337   2.223969  158.257077    0.769526
 0.007465   1.051806   84.936886

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -15.470061  -33.123142    -0.965786
-0.006116   -0.569627  -24.592856
 0.14084  -15.470061  -33.123142    -0.965786
-0.006116   -0.165437  -54.604514
 0.28169  -15.470061  -33.123142    -0.965786
-0.006116   -0.211173  -85.803888
 0.42253  -15.470061  -33.123142    -0.965786
-0.006116   -0.509340  -122.644801
 0.56337  -15.470061  -33.123142    -0.965786
-0.006116   -0.831638  -185.488529

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   5.807475  130.920263    0.982498
 0.005640   0.570787  131.744959
 0.14084   5.807475  130.920263    0.982498
 0.005640   0.158274  133.020465
 0.28169   5.807475  130.920263    0.982498
 0.005640   0.349568  136.173834
 0.42253   5.807475  130.920263    0.982498
 0.005640   0.865905  154.163139
 0.56337   5.807475  130.920263    0.982498
 0.005640   1.390677  182.157174
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                 2649

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -13.369398  -73.538880    -1.263547
-0.004482   -0.727640  -22.873088
 0.14084  -13.369398  -73.538880    -1.263547
-0.004482   -0.198539  -51.128703
 0.28169  -13.369398  -73.538880    -1.263547
-0.004482   -0.270537  -80.384647
 0.42253  -13.369398  -73.538880    -1.263547
-0.004482   -0.665166  -114.065079
 0.56337  -13.369398  -73.538880    -1.263547
-0.004482   -1.076658  -166.305700

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
 0.00000   7.387091  113.534385    1.197934
 0.004726   0.687690  113.534698
 0.14084   7.387091  113.534385    1.197934
 0.004726   0.184541  113.011876
 0.28169   7.387091  113.534385    1.197934
 0.004726   0.419785  116.421766
 0.42253   7.387091  113.534385    1.197934
 0.004726   1.043608  133.878598
 0.56337   7.387091  113.534385    1.197934
 0.004726   1.674362  161.471627

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
 0.00000  -11.674998  -78.871573    -1.513912
-0.004140   -0.863937  -43.344469
 0.14084  -11.674998  -78.871573    -1.513912
-0.004140   -0.229631  -60.369591
 0.28169  -11.674998  -78.871573    -1.513912
-0.004140   -0.331432  -79.390650
 0.42253  -11.674998  -78.871573    -1.513912
-0.004140   -0.819552  -103.627941
 0.56337  -11.674998  -78.871573    -1.513912
-0.004140   -1.321649  -144.778838

COMB DL-G2-1 ------------------- MAX
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REL DIST P V2 V3
T M2 M3
0.00000 3.639293 53.328704 0.231219
0.004440 0.151222 129.605518
0.14084 3.639293 53.328704 0.231219
0.004440 0.054432 125.050144
0.28169 3.639293 53.328704 0.231219
0.004440 0.084157 120.654199
0.42253 3.639293 53.328704 0.231219
0.004440 0.202921 128.387962
0.56337 3.639293 53.328704 0.231219
0.004440 0.329643 145.563426

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.451337 -47.210767 -0.313037
-0.004285 -0.136974 -2.217690
0.14084 -3.451337 -47.210767 -0.313037
-0.004285 -0.066138 -1.885006
0.28169 -3.451337 -47.210767 -0.313037
-0.004285 -0.060406 -1.317958
0.42253 -3.451337 -47.210767 -0.313037
-0.004285 -0.139650 -2.987617
0.56337 -3.451337 -47.210767 -0.313037
-0.004285 -0.236755 -22.693841

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.279818 52.747297 0.632365
0.004440 0.376159 137.644857
0.14084 7.279818 52.747297 0.632365
0.004440 0.111109 144.008642
0.28169 7.279818 52.747297 0.632365
0.004440 0.226859 153.813426
0.42253 7.279818 52.747297 0.632365
0.004440 0.561484 175.910646
0.56337 7.279818 52.747297 0.632365
0.004440 0.904357 207.257450
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2650

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.856705 -81.201605 -0.828351
-0.004427 -0.484049 -12.331371
0.14084 -3.856705 -81.201605 -0.828351
-0.004427 -0.137473 -8.660899
0.28169 -3.856705 -81.201605 -0.828351
-0.004427 -0.171943 -6.965023
0.42253 -3.856705 -81.201605 -0.828351
-0.004427 -0.420268 -8.057240
0.56337 -3.856705 -81.201605 -0.828351
-0.004427 -0.685439 -27.086493

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.084607 105.328935 0.923939
0.003729 0.530199 133.820522
0.14084 7.084607 105.328935 0.923939
0.003729 0.142552 124.371645
0.28169 7.084607 105.328935 0.923939
0.003729 0.330765 136.861513
0.42253 7.084607 105.328935 0.923939
0.003729 0.822468 161.521454
0.56337 7.084607 105.328935 0.923939
0.003729 1.319745 192.877223

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.752522 -80.599168 -1.192633
-0.002964 -0.679323 -17.254848
0.14084 -9.752522 -80.599168 -1.192633
-0.002964 -0.180096 -16.948966
0.28169 -9.752522 -80.599168 -1.192633
-0.002964 -0.255191 -41.241283
0.42253 -9.752522 -80.599168 -1.192633
-0.002964 -0.552123 -70.335642
0.56337 -9.752522 -80.599168 -1.192633
-0.002964 -1.019551 -111.839006

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.620987 93.878907 1.188668
0.003111 0.675135 117.914227
0.14084 8.620987 93.878907 1.188668
0.003111 0.176548 107.513637
0.28169 8.620987 93.878907 1.188668
0.003111 0.415608 115.076160
0.42253 8.620987 93.878907 1.188668
0.003111 1.035323 134.642711
0.56337 8.620987 93.878907 1.188668
0.003111 1.659481 160.557260

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.401001 -81.612905 -1.494341
-0.003021 -0.845871 -45.599793
0.14084 -8.401001 -81.612905 -1.494341
-0.003021 -0.219553 -39.554531
0.28169 -8.401001 -81.612905 -1.494341
-0.003021 -0.330110 -53.634853
0.42253 -8.401001 -81.612905 -1.494341
-0.003021 -0.819734 -73.242796
0.56337 -8.401001 -81.612905 -1.494341
-0.003021 -1.318309 -103.553813

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.483381 10.291413 0.662956
1.15E-05 0.369254 11.743667
0.14084 4.483381 10.291413 0.662956
1.15E-05 0.091471 7.767430
0.28169 4.483381 10.291413 0.662956
1.15E-05 0.219648 4.099653
0.42253 4.483381 10.291413 0.662956
1.15E-05 0.549051 3.207763
0.56337 4.483381 10.291413 0.662956
1.15E-05 0.878443 5.545644
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2651

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.285595 -20.278881 -0.785392
-0.000712 -0.438782 -52.058964
0.14084 -0.285595 -20.278881 -0.785392
-0.000712 -0.108959 -43.949783
0.28169 -0.285595 -20.278881 -0.785392
-0.000712 -0.185825 -35.840683
0.42253 -0.285595 -20.278881 -0.785392
-0.000712 -0.464204 -29.976400
0.56337 -0.285595 -20.278881 -0.785392
-0.000712 -0.742490 -25.159190

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.648405 15.642887 1.075265
0.000282 0.601256 18.514200
0.14084 7.648405 15.642887 1.075265
0.000282 0.149660 16.113148
0.28169 7.648405 15.642887 1.075265
0.000282 0.361829 18.901234
0.42253 7.648405 15.642887 1.075265
0.000282 0.905819 26.612179
0.56337 7.648405 15.642887 1.075265
0.000282 1.450190 36.134719

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.224329 -46.561803 -1.297587
-0.001313 -0.726596 -70.196876
0.14084 -1.224329 -46.561803 -1.297587
-0.001313 -0.181313 -55.766053
0.28169 -1.224329 -46.561803 -1.297587
-0.001313 -0.300721 -44.218285
0.42253 -1.224329 -46.561803 -1.297587
-0.001313 -0.751818 -36.271767
0.56337 -1.224329 -46.561803 -1.297587
-0.001313 -1.203213 -31.128805

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.617930 13.399128 1.163622
0.000191 0.651539 73.459446
0.14084 10.617930 13.399128 1.163622
0.000191 0.163046 93.914676
0.28169 10.617930 13.399128 1.163622
0.000191 0.404238 117.879515
0.42253 10.617930 13.399128 1.163622
0.000191 1.013461 145.772796
0.56337 10.617930 13.399128 1.163622
0.000191 1.623019 174.987144

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.941331 -91.823058 -1.452726
-0.000931 -0.813137 -91.162138
0.14084 -0.941331 -91.823058 -1.452726
-0.000931 -0.203022 -51.343174
0.28169 -0.941331 -91.823058 -1.452726
-0.000931 -0.324019 -41.305275
0.42253 -0.941331 -91.823058 -1.452726
-0.000931 0.812383 -34.327104
0.56337 -0.941331 -91.823058 -1.452726
-0.000931 -1.300667 -29.191473

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.761971 83.539634 1.217997
0.003119 0.692983 131.069464
0.14084 9.761971 83.539634 1.217997
0.003119 0.181900 119.855707
0.28169 9.761971 83.539634 1.217997
0.003119 0.421917 122.520792
0.42253 9.761971 83.539634 1.217997
0.003119 1.050865 139.767535
0.56337 9.761971 83.539634 1.217997
0.003119 1.684989 164.550686
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2652

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.513153 -83.261107 -1.517484
-0.003275 -0.860355 -56.415970
0.14084 -6.513153 -83.261107 -1.517484
-0.003275 -0.223713 -44.735950
0.28169 -6.513153 -83.261107 -1.517484
-0.003275 -0.338286 -47.401842
0.42253 -6.513153 -83.261107 -1.517484
-0.003275 -0.839415 -59.275373
0.56337 -6.513153 -83.261107 -1.517484
-0.003275 -1.350449 -83.481791

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.189052 164.742459 0.832416
0.007525 0.477053 133.233341
0.14084 11.189052 164.742459 0.832416
0.007525 0.128216 138.824078
0.28169 11.189052 164.742459 0.832416
0.007525 0.314538 148.042751
0.42253 11.189052 164.742459 0.832416
0.007525 0.782641 171.483051
0.56337 11.189052 164.742459 0.832416
0.007525 1.254645 205.861419

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.391209 -93.098017 -1.136004
-0.006079 -0.650974 -61.631830
0.14084 -16.391209 -93.098017 -1.136004
-0.006079 -0.175231 -55.387354
0.28169 -16.391209 -93.098017 -1.136004
-0.006079 -0.235206 -85.797613
0.42253 -16.391209 -93.098017 -1.136004
-0.006079 -0.757320 -125.578444
0.56337 -16.391209 -93.098017 -1.136004
-0.006079 -0.920203 -186.499086

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.617930 158.257077 1.217997
0.007465 0.692983 137.644857
0.14084 10.617930 158.257077 1.217997
0.007465 0.184541 144.008642
0.28169 10.617930 158.257077 1.217997
0.007465 0.421917 153.813426
0.42253 10.617930 158.257077 1.217997
0.007465 1.050865 175.910646
0.56337 10.617930 158.257077 1.217997
0.007465 1.684989 207.257450

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.470061 -91.823058 -1.517484
-0.006116 -0.863937 -70.196876
0.14084 -15.470061 -91.823058 -1.517484
-0.006116 -0.229631 -60.369591
0.28169 -15.470061 -91.823058 -1.517484
-0.006116 -0.338286 -85.803888
0.42253 -15.470061 -91.823058 -1.517484
-0.006116 -0.839415 -122.644801
0.56337 -15.470061 -91.823058 -1.517484
-0.006116 -1.350449 -185.488529

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.189052 164.742459 1.217997
0.007525 0.692983 137.644857
0.14084 11.189052 164.742459 1.217997
0.007525 0.184541 144.008642
0.28169 11.189052 164.742459 1.217997
0.007525 0.421917 153.813426
0.42253 11.189052 164.742459 1.217997
0.007525 1.050865 175.910646
0.56337 11.189052 164.742459 1.217997
0.007525 1.684989 207.257450
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2653

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.391209 -93.098017 -1.517484
-0.006116 -0.863937 -70.196876
0.14084 -16.391209 -93.098017 -1.517484
-0.006116 -0.229631 -60.369591
0.28169 -16.391209 -93.098017 -1.517484
-0.006116 -0.338286 -85.803888
0.42253 -16.391209 -93.098017 -1.517484
-0.006116 -0.839415 -125.578444
0.56337 -16.391209 -93.098017 -1.517484
-0.006116 -1.350449 -186.499086

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.189052 164.742459 1.217997
0.007525 0.692983 137.644857
0.14084 11.189052 164.742459 1.217997
0.007525 0.184541 144.008642
0.28169 11.189052 164.742459 1.217997
0.007525 0.421917 153.813426
0.42253 11.189052 164.742459 1.217997
0.007525 1.050865 175.910646
0.56337 11.189052 164.742459 1.217997
0.007525 1.684989 207.257450

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.391209 -93.098017 -1.517484
-0.006116 -0.863937 -70.196876
0.14084 -16.391209 -93.098017 -1.517484
-0.006116 -0.229631 -60.369591
0.28169 -16.391209 -93.098017 -1.517484
-0.006116 -0.338286 -85.803888
0.42253 -16.391209 -93.098017 -1.517484
-0.006116 -0.839415 -125.578444
0.56337 -16.391209 -93.098017 -1.517484
-0.006116 -1.350449 -186.499086

ELEM 242 ========== LENGTH = 2.976964

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 0.155319 74.050342 0.590893
0.000846 0.655259 102.311849
0.57751 0.155319 74.050342 0.590893
0.000846 0.407533 71.332020
0.71834 0.155319 74.050342 0.590893
0.000846 0.159864 40.439684
0.85917 0.155319 74.050342 0.590893
0.000846 0.082223 9.839224
1.00000 0.155319 74.050342 0.590893
0.000846 0.325704 2.509454

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -10.245599 -5.438690 -0.580793
-0.000458 -0.648265 -11.722141
0.57751 -10.245599 -5.438690 -0.580793
-0.000458 -0.404773 -9.603861
0.71834 -10.245599 -5.438690 -0.580793
-0.000458 -0.161263 -7.840459
0.85917 -10.245599 -5.438690 -0.580793
-0.000458 -0.088079 -6.252046
1.00000 -10.245599 -5.438690 -0.580793
-0.000458 -0.335648 -22.994058

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 4.508587 105.042642 0.817272
0.007165 0.883228 194.973478
0.57751 4.508587 105.042642 0.817272
0.007165 0.540799 155.621945
0.71834 4.508587 105.042642 0.817272
0.007165 0.219708 128.514499
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2654

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85917 4.508587 105.042642 0.817272
0.007165 0.130247 119.038512
1.00000 4.508587 105.042642 0.817272
0.007165 0.437223 122.614209

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -12.932210 -87.106621 -0.777743
-0.006694 -0.867062 -38.196440
0.57751 -12.932210 -87.106621 -0.777743
-0.006694 -0.541002 -15.929916
0.71834 -12.932210 -87.106621 -0.777743
-0.006694 -0.214915 -11.596428
0.85917 -12.932210 -87.106621 -0.777743
-0.006694 -0.147248 -9.106898
1.00000 -12.932210 -87.106621 -0.777743
-0.006694 -0.488743 -10.621820

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 7.794482 94.501516 0.853953
0.005343 0.932505 182.496057
0.57751 7.794482 94.501516 0.853953
0.005343 0.574626 147.571467
0.71834 7.794482 94.501516 0.853953
0.005343 0.231303 121.840830
0.85917 7.794482 94.501516 0.853953
0.005343 0.129021 110.656131
1.00000 7.794482 94.501516 0.853953
0.005343 0.466245 122.317823

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -11.853787 -114.804968 -0.836166
-0.005014 -0.936190 -81.201784
0.57751 -11.853787 -114.804968 -0.836166
-0.005014 -0.585657 -42.023399
0.71834 -11.853787 -114.804968 -0.836166
-0.005014 -0.235293 -13.966853
0.85917 -11.853787 -114.804968 -0.836166
-0.005014 -0.143180 -9.378158
1.00000 -11.853787 -114.804968 -0.836166
-0.005014 -0.500528 -9.538729

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 9.476007 80.590067 0.920956
0.004463 1.009452 157.093044
0.57751 9.476007 80.590067 0.920956
0.004463 0.623460 127.211680
0.71834 9.476007 80.590067 0.920956
0.004463 0.249545 104.947823
0.85917 9.476007 80.590067 0.920956
0.004463 0.140844 94.811535
1.00000 9.476007 80.590067 0.920956
0.004463 0.515525 103.714129

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -10.523858 -112.655329 -0.921473
-0.004357 -1.030949 -117.656403
0.57751 -10.523858 -112.655329 -0.921473
-0.004357 -0.644717 -78.184385
0.71834 -10.523858 -112.655329 -0.921473
-0.004357 -0.258711 -48.325173
0.85917 -10.523858 -112.655329 -0.921473
-0.004357 -0.150150 -38.327419
1.00000 -10.523858 -112.655329 -0.921473
-0.004357 -0.535771 -31.899594

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 5.752879 9.076041 0.152467
0.005460 0.149957 49.359758
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2655

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57751 5.752879 9.076041 0.152467
0.005460 0.086333 50.639313
0.71834 5.752879 9.076041 0.152467
0.005460 0.040879 62.718102
0.85917 5.752879 9.076041 0.152467
0.005460 0.036219 92.517032
1.00000 5.752879 9.076041 0.152467
0.005460 0.080767 133.031405

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -0.696133 -99.574113 -0.146154
-0.005440 -0.164414 -41.467657
0.57751 -0.696133 -99.574113 -0.146154
-0.005440 -0.103155 -11.754286
0.71834 -0.696133 -99.574113 -0.146154
-0.005440 -0.041953 -2.929569
0.85917 -0.696133 -99.574113 -0.146154
-0.005440 -0.043492 -2.327031
1.00000 -0.696133 -99.574113 -0.146154
-0.005440 -0.106874 -1.737253

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 10.096124 8.757271 0.359819
0.005249 0.382142 50.240836
0.57751 10.096124 8.757271 0.359819
0.005249 0.231413 61.881591
0.71834 10.096124 8.757271 0.359819
0.005249 0.097398 63.970075
0.85917 10.096124 8.757271 0.359819
0.005249 0.062586 92.644249
1.00000 10.096124 8.757271 0.359819
0.005249 0.194066 138.425234

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -1.383027 -134.573125 -0.351238
-0.005384 -0.396273 -100.196893
0.57751 -1.383027 -134.573125 -0.351238
-0.005384 -0.249114 -54.258109
0.71834 -1.383027 -134.573125 -0.351238
-0.005384 -0.102169 -21.519835
0.85917 -1.383027 -134.573125 -0.351238
-0.005384 -0.072076 -15.304668
1.00000 -1.383027 -134.573125 -0.351238
-0.005384 -0.222383 -11.200346

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 9.245021 82.934153 0.724292
0.004288 0.792049 191.491513
0.57751 9.245021 82.934153 0.724292
0.004288 0.488505 160.921642
0.71834 9.245021 82.934153 0.724292
0.004288 0.196747 138.034625
0.85917 9.245021 82.934153 0.724292
0.004288 0.113659 127.857446
1.00000 9.245021 82.934153 0.724292
0.004288 0.398028 133.711895

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -9.302910 -115.083706 -0.713094
-0.004072 -0.798986 -96.187400
0.57751 -9.302910 -115.083706 -0.713094
-0.004072 -0.500122 -55.422100
0.71834 -9.302910 -115.083706 -0.713094
-0.004072 -0.201429 -24.601982
0.85917 -9.302910 -115.083706 -0.713094
-0.004072 -0.120227 -18.041627
1.00000 -9.302910 -115.083706 -0.713094
-0.004072 -0.423416 -13.199092
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2656

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 10.678296 71.562515 0.823874
0.003584 0.904730 166.458375
0.57751 10.678296 71.562515 0.823874
0.003584 0.559419 139.966757
0.71834 10.678296 71.562515 0.823874
0.003584 0.223971 119.919837
0.85917 10.678296 71.562515 0.823874
0.003584 0.129042 110.467985
1.00000 10.678296 71.562515 0.823874
0.003584 0.474509 114.382360

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43669 -7.928053 -109.279736 -0.847044
-0.003566 -0.947097 -131.906807
0.57751 -7.928053 -109.279736 -0.847044
-0.003566 -0.592083 -92.442759
0.71834 -7.928053 -109.279736 -0.847044
-0.003566 -0.237350 -61.080815
0.85917 -7.928053 -109.279736 -0.847044
-0.003566 -0.132487 -50.033076
1.00000 -7.928053 -109.279736 -0.847044
-0.003566 -0.477592 -40.613124

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43669 4.748179 4.337091 0.343628
1.05E-05 0.381973 12.509881
0.57751 4.748179 4.337091 0.343628
1.05E-05 0.237910 10.699198
0.71834 4.748179 4.337091 0.343628
1.05E-05 0.093856 8.901043
0.85917 4.748179 4.337091 0.343628
1.05E-05 0.058945 7.136924
1.00000 4.748179 4.337091 0.343628
1.05E-05 0.226909 5.456673
```

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.113029	-19.012262	-0.401608
-0.000238	-0.446912	-80.376231	
0.57751	-0.113029	-19.012262	-0.401608
-0.000238	-0.278595	-72.459479	
0.71834	-0.113029	-19.012262	-0.401608
-0.000238	-0.110539	-64.585926	
0.85917	-0.113029	-19.012262	-0.401608
-0.000238	-0.050160	-56.725024	
1.00000	-0.113029	-19.012262	-0.401608
-0.000238	-0.194280	-48.888891	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.576301	5.984388	0.570519
0.000292	0.632863	17.201582	
0.57751	8.576301	5.984388	0.570519
0.000292	0.393685	14.840345	
0.71834	8.576301	5.984388	0.570519
0.000292	0.155169	13.102275	
0.85917	8.576301	5.984388	0.570519
0.000292	0.092955	12.128572	
1.00000	8.576301	5.984388	0.570519
0.000292	0.352983	11.986889	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-1.081380	-46.804369	-0.626631
-0.000697	-0.699711	-136.435148	
0.57751	-1.081380	-46.804369	-0.626631
-0.000697	-0.437188	-117.733750	
0.71834	-1.081380	-46.804369	-0.626631
-0.000697	-0.174969	-100.082693	
0.85917	-1.081380	-46.804369	-0.626631
-0.000697	-0.084687	-82.660794	
1.00000	-1.081380	-46.804369	-0.626631
-0.000697	-0.323920	-66.176165	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	11.697538	6.043655	0.593188
0.000699	0.658792	34.566005	
0.57751	11.697538	6.043655	0.593188
0.000699	0.410113	34.199141	
0.71834	11.697538	6.043655	0.593188
0.000699	0.162505	35.745747	
0.85917	11.697538	6.043655	0.593188
0.000699	0.095132	42.291760	
1.00000	11.697538	6.043655	0.593188
0.000699	0.372413	64.908669	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.771773	-99.042784	-0.666330
-0.001091	-0.746501	-162.086311	
0.57751	-0.771773	-99.042784	-0.666330
-0.001091	-0.467351	-121.476083	
0.71834	-0.771773	-99.042784	-0.666330
-0.001091	-0.188560	-83.758864	
0.85917	-0.771773	-99.042784	-0.666330
-0.001091	-0.087259	-70.657521	
1.00000	-0.771773	-99.042784	-0.666330
-0.001091	-0.336031	-59.175907	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	12.038742	55.647707	0.770032
0.003905	0.843319	146.624884	
0.57751	12.038742	55.647707	0.770032
0.003905	0.520596	127.137443	
0.71834	12.038742	55.647707	0.770032
0.003905	0.209521	115.048245	
0.85917	12.038742	55.647707	0.770032
0.003905	0.125739	114.862243	
1.00000	12.038742	55.647707	0.770032
0.003905	0.453559	127.870613	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-5.470311	-116.371321	-0.808802
-0.004001	-0.904041	-147.029837	
0.57751	-5.470311	-116.371321	-0.808802
-0.004001	-0.565111	-105.618249	
0.71834	-5.470311	-116.371321	-0.808802
-0.004001	-0.226486	-73.562475	
0.85917	-5.470311	-116.371321	-0.808802
-0.004001	-0.126348	-61.638807	
1.00000	-5.470311	-116.371321	-0.808802
-0.004001	-0.448811	-51.261724	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.188682	73.625652	0.687403
0.000712	0.765529	99.460759	
0.57751	0.188682	73.625652	0.687403
0.000712	0.477296	68.758235	
0.71834	0.188682	73.625652	0.687403
0.000712	0.189055	38.392937	
0.85917	0.188682	73.625652	0.687403
0.000712	0.105003	9.425013	
1.00000	0.188682	73.625652	0.687403
0.000712	0.417776	2.884338	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-10.665327	-7.994382	-0.745011
-0.000364	-0.830478	-20.967516	
0.57751	-10.665327	-7.994382	-0.745011
-0.000364	-0.518100	-17.786518	
0.71834	-10.665327	-7.994382	-0.745011
-0.000364	-0.206100	-15.069781	
0.85917	-10.665327	-7.994382	-0.745011
-0.000364	-0.098471	-13.589403	
1.00000	-10.665327	-7.994382	-0.745011
-0.000364	-0.387320	-33.605226	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	5.503952	102.895088	0.990107
0.007013	1.074610	198.435801	
0.57751	5.503952	102.895088	0.990107
0.007013	0.660851	160.763183	
0.71834	5.503952	102.895088	0.990107
0.007013	0.267654	136.252166	
0.85917	5.503952	102.895088	0.990107
0.007013	0.174209	126.999806	
1.00000	5.503952	102.895088	0.990107
0.007013	0.597333	132.243386	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-12.868889	-86.925691	-1.018812
-0.006595	-1.130109	-53.727337	
0.57751	-12.868889	-86.925691	-1.018812
-0.006595	-0.703440	-26.724845	
0.71834	-12.868889	-86.925691	-1.018812
-0.006595	-0.280539	-20.559125	
0.85917	-12.868889	-86.925691	-1.018812
-0.006595	-0.171875	-16.483218	
1.00000	-12.868889	-86.925691	-1.018812
-0.006595	-0.586625	-23.194483	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.025376	92.156329	1.075631
0.005338	1.178269	182.463670	
0.57751	8.025376	92.156329	1.075631
0.005338	0.728167	149.661028	
0.71834	8.025376	92.156329	1.075631
0.005338	0.292615	128.121048	
0.85917	8.025376	92.156329	1.075631
0.005338	0.178093	124.748539	
1.00000	8.025376	92.156329	1.075631
0.005338	0.644144	138.455978	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.800597	-111.542044	-1.119656
-0.005055	-1.244641	-86.135071	
0.57751	-11.800597	-111.542044	-1.119656
-0.005055	-0.775794	-47.625742	
0.71834	-11.800597	-111.542044	-1.119656
-0.005055	-0.310235	-24.645131	
0.85917	-11.800597	-111.542044	-1.119656
-0.005055	-0.173541	-11.374697	
1.00000	-11.800597	-111.542044	-1.119656
-0.005055	-0.624588	-20.983147	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	9.477349	79.828350	1.208731
0.004455	1.329441	160.811908	
0.57751	9.477349	79.828350	1.208731
0.004455	0.823366	132.259813	
0.71834	9.477349	79.828350	1.208731
0.004455	0.329350	113.024292	
0.85917	9.477349	79.828350	1.208731
0.004455	0.195377	108.856676	
1.00000	9.477349	79.828350	1.208731
0.004455	0.719683	118.873836	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-10.595057	-112.499094	-1.257528
-0.004350	-1.398877	-128.756427	
0.57751	-10.595057	-112.499094	-1.257528
-0.004350	-0.872319	-88.670665	
0.71834	-10.595057	-112.499094	-1.257528
-0.004350	-0.348092	-61.605058	
0.85917	-10.595057	-112.499094	-1.257528
-0.004350	-0.189907	-47.153753	
1.00000	-10.595057	-112.499094	-1.257528
-0.004350	-0.696476	-43.237452	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	6.173824	9.620052	0.233562
0.004577	0.241484	58.168620	
0.57751	6.173824	9.620052	0.233562
0.004577	0.144438	60.421085	
0.71834	6.173824	9.620052	0.233562
0.004577	0.061915	74.357720	
0.85917	6.173824	9.620052	0.233562
0.004577	0.051002	102.180292	
1.00000	6.173824	9.620052	0.233562
0.004577	0.138229	135.646929	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.703855	-87.573127	-0.216466
-0.004548	-0.238530	-42.615080	
0.57751	-0.703855	-87.573127	-0.216466
-0.004548	-0.148293	-14.495650	
0.71834	-0.703855	-87.573127	-0.216466
-0.004548	-0.058049	-3.615625	
0.85917	-0.703855	-87.573127	-0.216466
-0.004548	-0.053250	-3.615908	
1.00000	-0.703855	-87.573127	-0.216466
-0.004548	-0.150632	-2.560105	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	9.627908	9.722691	0.518719
0.004514	0.559417	57.084643	
0.57751	9.627908	9.722691	0.518719
0.004514	0.342411	59.324086	
0.71834	9.627908	9.722691	0.518719
0.004514	0.139684	72.855007	
0.85917	9.627908	9.722691	0.518719
0.004514	0.091549	105.139344	
1.00000	9.627908	9.722691	0.518719
0.004514	0.304929	145.262520	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-1.513409	-121.501579	-0.516753
-0.004608	-0.573506	-94.819740	
0.57751	-1.513409	-121.501579	-0.516753
-0.004608	-0.357556	-52.352435	
0.71834	-1.513409	-121.501579	-0.516753
-0.004608	-0.144019	-25.319046	
0.85917	-1.513409	-121.501579	-0.516753
-0.004608	-0.092723	-16.459716	
1.00000	-1.513409	-121.501579	-0.516753
-0.004608	-0.309627	-11.489496	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.752717	81.573942	0.938967
0.003428	1.533750	197.943092	
0.57751	8.752717	81.573942	0.938967
0.003428	0.640452	168.800968	
0.71834	8.752717	81.573942	0.938967
0.003428	0.255988	147.922330	
0.85917	8.752717	81.573942	0.938967
0.003428	0.149759	141.735248	
1.00000	8.752717	81.573942	0.938967
0.003428	0.554263	142.753335	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-8.901881	-104.463313	-0.970697
-0.003255	-1.080044	-96.416884	
0.57751	-8.901881	-104.463313	-0.970697
-0.003255	-0.673723	-58.916778	
0.71834	-8.901881	-104.463313	-0.970697
-0.003255	-0.269237	-32.249496	
0.85917	-8.901881	-104.463313	-0.970697
-0.003255	-0.146230	-22.491643	
1.00000	-8.901881	-104.463313	-0.970697
-0.003255	-0.540013	-16.039673	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	10.429610	72.166373	1.133583
0.002866	1.251963	177.555537	
0.57751	10.429610	72.166373	1.133583
0.002866	0.776970	151.509541	
0.71834	10.429610	72.166373	1.133583
0.002866	0.309378	132.347007	
0.85917	10.429610	72.166373	1.133583
0.002866	0.176805	125.537608	
1.00000	10.429610	72.166373	1.133583
0.002866	0.665624	124.788968	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-7.627141	-104.177380	-1.170298
-0.002861	-1.302468	-142.868804	
0.57751	-7.627141	-104.177380	-1.170298
-0.002861	-0.818414	-104.573128	
0.71834	-7.627141	-104.177380	-1.170298
-0.002861	-0.323579	-75.307812	
0.85917	-7.627141	-104.177380	-1.170298
-0.002861	-0.172562	-60.033220	
1.00000	-7.627141	-104.177380	-1.170298
-0.002861	-0.648171	-47.789792	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	5.441038	7.401138	0.563380
8.07E-06	0.622629	22.595916	
0.57751	5.441038	7.401138	0.563380
8.07E-06	0.390430	19.498487	
0.71834	5.441038	7.401138	0.563380
8.07E-06	0.154159	16.411140	
0.85917	5.441038	7.401138	0.563380
8.07E-06	0.082539	13.350812	
1.00000	5.441038	7.401138	0.563380
8.07E-06	0.323185	10.381667	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.142297	-24.376955	-0.573440
-0.000198	-0.638807	-98.401760	
0.57751	-0.142297	-24.376955	-0.573440
-0.000198	-0.399190	-88.242132	
0.71834	-0.142297	-24.376955	-0.573440
-0.000198	-0.157852	-78.123074	
0.85917	-0.142297	-24.376955	-0.573440
-0.000198	0.081416	-68.031482	
1.00000	-0.142297	-24.376955	-0.573440
-0.000198	-0.317947	-58.011013	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.777099	9.849487	0.895238
0.000217	0.995347	29.695068	
0.57751	8.777099	9.849487	0.895238
0.000217	0.619916	25.779403	
0.71834	8.777099	9.849487	0.895238
0.000217	0.251099	22.139242	
0.85917	8.777099	9.849487	0.895238
0.000217	0.133210	19.190745	
1.00000	8.777099	9.849487	0.895238
0.000217	0.517539	17.403484	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-1.401539	-53.676564	-0.918063
-0.000539	-1.023299	-158.924349	
0.57751	-1.401539	-53.676564	-0.918063
-0.000539	-0.639433	-136.937878	
0.71834	-1.401539	-53.676564	-0.918063
-0.000539	-0.253757	-115.692674	
0.85917	-1.401539	-53.676564	-0.918063
-0.000539	-0.130332	-95.374684	
1.00000	-1.401539	-53.676564	-0.918063
-0.000539	-0.505445	-76.129594	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	11.510915	9.193372	0.931171
0.000334	1.036793	45.587417	
0.57751	11.510915	9.193372	0.931171
0.000334	0.646001	45.028219	
0.71834	11.510915	9.193372	0.931171
0.000334	0.255343	47.698310	
0.85917	11.510915	9.193372	0.931171
0.000334	0.136083	58.916350	
1.00000	11.510915	9.193372	0.931171
0.000334	0.538517	77.438575	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.954967	-97.046642	-0.960981
-0.000651	-1.071671	-173.442249	
0.57751	-0.954967	-97.046642	-0.960981
-0.000651	-0.669983	-135.525056	
0.71834	-0.954967	-97.046642	-0.960981
-0.000651	-0.268220	-100.439396	
0.85917	-0.954967	-97.046642	-0.960981
-0.000651	-0.132442	-83.256148	
1.00000	-0.954967	-97.046642	-0.960981
-0.000651	-0.522898	-68.334162	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	12.071849	57.950776	1.112487
0.002903	1.227603	163.515459	
0.57751	12.071849	57.950776	1.112487
0.002903	0.761398	143.678337	
0.71834	12.071849	57.950776	1.112487
0.002903	0.303381	131.257195	
0.85917	12.071849	57.950776	1.112487
0.002903	0.173245	131.433320	
1.00000	12.071849	57.950776	1.112487
0.002903	0.647214	137.602755	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-5.307187	-109.363008	-1.135054
-0.002980	-1.263057	-160.733013	
0.57751	-5.307187	-109.363008	-1.135054
-0.002980	-0.788359	-120.563291	
0.71834	-5.307187	-109.363008	-1.135054
-0.002980	-0.313875	-90.191710	
0.85917	-5.307187	-109.363008	-1.135054
-0.002980	-0.170874	-74.269927	
1.00000	-5.307187	-109.363008	-1.135054
-0.002980	-0.637408	-60.444229	

COMB DB ---------- MAX

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	12.071849	102.895088	1.208731
0.007013	1.329441	198.435801	
0.57751	12.071849	102.895088	1.208731
0.007013	0.823366	168.800968	
0.71834	12.071849	102.895088	1.208731
0.007013	0.329350	147.922330	
0.85917	12.071849	102.895088	1.208731
0.007013	0.195377	141.735248	
1.00000	12.071849	102.895088	1.208731
0.007013	0.719683	145.262520	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-12.868889	-121.501579	-1.257528
-0.006595	-1.398877	-173.442249	
0.57751	-12.868889	-121.501579	-1.257528
-0.006595	-0.872319	-136.937878	
0.71834	-12.868889	-121.501579	-1.257528
-0.006595	-0.348092	-115.692674	
0.85917	-12.868889	-121.501579	-1.257528
-0.006595	-0.189907	-95.374684	
1.00000	-12.868889	-121.501579	-1.257528
-0.006595	-0.696476	-76.129594	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	12.071849	105.042642	1.208731
0.007165	1.329441	198.435801	
0.57751	12.071849	105.042642	1.208731
0.007165	0.823366	168.800968	
0.71834	12.071849	105.042642	1.208731
0.007165	0.329350	147.922330	
0.85917	12.071849	105.042642	1.208731
0.007165	0.195377	141.735248	
1.00000	12.071849	105.042642	1.208731
0.007165	0.719683	145.262520	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-12.932210	-134.573125	-1.257528
-0.006694	-1.398877	-173.442249	
0.57751	-12.932210	-134.573125	-1.257528
-0.006694	-0.872319	-136.937878	
0.71834	-12.932210	-134.573125	-1.257528
-0.006694	-0.348092	-115.692674	
0.85917	-12.932210	-134.573125	-1.257528
-0.006694	-0.189907	-95.374684	
1.00000	-12.932210	-134.573125	-1.257528
-0.006694	-0.696476	-76.129594	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	12.071849	105.042642	1.208731
0.007165	1.329441	198.435801	
0.57751	12.071849	105.042642	1.208731
0.007165	0.823366	168.800968	
0.71834	12.071849	105.042642	1.208731
0.007165	0.329350	147.922330	
0.85917	12.071849	105.042642	1.208731
0.007165	0.195377	141.735248	
1.00000	12.071849	105.042642	1.208731
0.007165	0.719683	145.262520	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-12.932210	-134.573125	-1.257528
-0.006694	-1.398877	-173.442249	
0.57751	-12.932210	-134.573125	-1.257528
-0.006694	-0.872319	-136.937878	
0.71834	-12.932210	-134.573125	-1.257528
-0.006694	-0.348092	-115.692674	
0.85917	-12.932210	-134.573125	-1.257528
-0.006694	-0.189907	-95.374684	
1.00000	-12.932210	-134.573125	-1.257528
-0.006694	-0.696476	-76.129594	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 243 ========== LENGTH = 2.978021

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.158334	73.551203	0.541097
0.000693	0.298837	2.506784	
0.14087	0.158334	73.551203	0.541097
0.000693	0.072062	2.982809	
0.28173	0.158334	73.551203	0.541097
0.000693	0.161971	3.463732	
0.42260	0.158334	73.551203	0.541097
0.000693	0.406983	4.660171	
0.56347	0.158334	73.551203	0.541097
0.000693	0.651977	6.723846	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.195459	-5.405902	-0.584007
-0.000380	-0.328005	-23.030333	
0.14087	-10.195459	-5.405902	-0.584007
-0.000380	-0.083005	-53.566612	
0.28173	-10.195459	-5.405902	-0.584007
-0.000380	-0.155367	-84.336837	
0.42260	-10.195459	-5.405902	-0.584007
-0.000380	-0.382198	-115.112822	
0.56347	-10.195459	-5.405902	-0.584007
-0.000380	-0.609137	-145.917443	

COMB DB-G1-2 ---------- MAX

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.949781  169.831659    0.762572
0.007058   0.448836  122.995094
0.14087    1.949781  169.831659    0.762572
0.007058   0.130275   98.094750
0.28173    1.949781  169.831659    0.762572
0.007058   0.215571   73.417581
0.42260    1.949781  169.831659    0.762572
0.007058   0.540010   67.722417
0.56347    1.949781  169.831659    0.762572
0.007058   0.864406   74.622401

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -17.056617  -26.589191  -0.773298
-0.006608  -0.439320  -10.662705
0.14087  -17.056617  -26.589191  -0.773298
-0.006608  -0.131251  -49.498893
0.28173  -17.056617  -26.589191  -0.773298
-0.006608  -0.215045  -88.642623
0.42260  -17.056617  -26.589191  -0.773298
-0.006608  -0.512133 -129.697128
0.56347  -17.056617  -26.589191  -0.773298
-0.006608  -0.831889 -192.087338

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    6.146590  138.414169    0.807665
 0.005124  0.467101  122.543446
0.14087    6.146590  138.414169    0.807665
 0.005124  0.129284  128.791911
0.28173    6.146590  138.414169    0.807665
 0.005124  0.240100  135.118627
0.42260    6.146590  138.414169    0.807665
 0.005124  0.603829  154.576514
0.56347    6.146590  138.414169    0.807665
 0.005124  0.967476  182.686125

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -14.628706  -74.158157  -0.866859
-0.004737  -0.491379  -9.573395
0.14087  -14.628706  -74.158157  -0.866859
-0.004737  -0.138757  -45.473786
0.28173  -14.628706  -74.158157  -0.866859
-0.004737  -0.220978  -81.552712
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2664

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.42260  -14.628706  -74.158157  -0.866859
-0.004737  -0.550224 -118.882516
0.56347  -14.628706  -74.158157  -0.866859
-0.004737  -0.888926 -170.703880

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.144595  117.030896    0.876309
 0.004466  0.502936  103.906617
0.14087    8.144595  117.030896    0.876309
 0.004466  0.136147  108.437314
0.28173    8.144595  117.030896    0.876309
 0.004466  0.264120  115.689375
0.42260    8.144595  117.030896    0.876309
 0.004466  0.664243  134.530008
0.56347    8.144595  117.030896    0.876309
 0.004466  1.064303  163.241679

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -12.825601  -79.166210  -0.953650
-0.004279  -0.539479  -31.942863
0.14087  -12.825601  -79.166210  -0.953650
-0.004279  -0.148556  -55.290853
0.28173  -12.825601  -79.166210  -0.953650
-0.004279  -0.245994  -79.452389
0.42260  -12.825601  -79.166210  -0.953650
-0.004279  -0.600663 -105.730093
0.56347  -12.825601  -79.166210  -0.953650
-0.004279  -0.968167 -144.919861

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    3.656885   63.954479    0.161134
 0.005190  0.113619  133.335810
0.14087    3.656885   63.954479    0.161134
 0.005190  0.046829  125.533579
0.28173    3.656885   63.954479    0.161134
 0.005190  0.043638  117.889264
0.42260    3.656885   63.954479    0.161134
 0.005190  0.109515  125.025460
0.56347    3.656885   63.954479    0.161134
 0.005190  0.175351  142.405788

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -4.202926  -49.257636  -0.156952
-0.005135  -0.109373  -1.731471
0.14087  -4.202926  -49.257636  -0.156952
-0.005135  -0.041035  -1.171854
0.28173  -4.202926  -49.257636  -0.156952
-0.005135  -0.041513  -0.778566
0.42260  -4.202926  -49.257636  -0.156952
-0.005135  -0.091775  -1.062183
0.56347  -4.202926  -49.257636  -0.156952
-0.005135  -0.157699  -20.999637

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.217466   59.831029    0.362402
 0.005128  0.224573  138.690695
0.14087    8.217466   59.831029    0.362402
 0.005128  0.073231  144.808686
0.28173    8.217466   59.831029    0.362402
 0.005128  0.107861  154.311862
0.42260    8.217466   59.831029    0.362402
 0.005128  0.272637  178.300691
0.56347    8.217466   59.831029    0.362402
 0.005128  0.437341  212.254074

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -4.631891  -88.221724  -0.392630
-0.005110  -0.226330  -11.200114
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2665

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.14087  -4.631891  -88.221724  -0.392630
-0.005110  -0.074316  -7.136834
0.28173  -4.631891  -88.221724  -0.392630
-0.005110  -0.098081  -4.141628
0.42260  -4.631891  -88.221724  -0.392630
-0.005110  -0.232461  -4.068123
0.56347  -4.631891  -88.221724  -0.392630
-0.005110  -0.384410  -21.577505

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.944349  118.389026    0.692912
 0.004311  0.401295  133.857299
0.14087    7.944349  118.389026    0.692912
 0.004311  0.111362  125.242462
0.28173    7.944349  118.389026    0.692912
 0.004311  0.206846  136.881102
0.42260    7.944349  118.389026    0.692912
 0.004311  0.519815  161.015782
0.56347    7.944349  118.389026    0.692912
 0.004311  0.832706  192.908271

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -11.542786  -82.480390  -0.745867
-0.004065  -0.422291  -13.192139
0.14087  -11.542786  -82.480390  -0.745867
-0.004065  -0.118330  -15.183497
0.28173  -11.542786  -82.480390  -0.745867
-0.004065  -0.193705  -44.277068
0.42260  -11.542786  -82.480390  -0.745867
-0.004065  -0.471749  -75.721722
0.56347  -11.542786  -82.480390  -0.745867
-0.004065  -0.762333 -119.810213

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.623653  101.273635    0.793791
 0.003744  0.455855  114.508806
0.14087    9.623653  101.273635    0.793791
 0.003744  0.123427  108.354761
0.28173    9.623653  101.273635    0.793791
 0.003744  0.242626  114.765410
0.42260    9.623653  101.273635    0.793791
 0.003744  0.609395  133.856583
0.56347    9.623653  101.273635    0.793791
 0.003744  0.976111  160.583354

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.805398  -82.063078  -0.874154
-0.003703  -0.493607  -40.619892
0.14087   -9.805398  -82.063078  -0.874154
-0.003703  -0.134360  -36.878140
0.28173   -9.805398  -82.063078  -0.874154
-0.003703  -0.221574  -55.534342
0.42260   -9.805398  -82.063078  -0.874154
-0.003703  -0.543979  -75.916475
0.56347   -9.805398  -82.063078  -0.874154
-0.003703  -0.876900 -106.725466

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    4.798669   4.417784    0.339342
 0.000174  0.190622   5.463702
0.14087    4.798669   4.417784    0.339342
 0.000174  0.048237   3.906688
0.28173    4.798669   4.417784    0.339342
 0.000174  0.111797   2.684563
0.42260    4.798669   4.417784    0.339342
 0.000174  0.280295   2.227177
0.56347    4.798669   4.417784    0.339342
 0.000174  0.448796   1.897282
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2666

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.114336  -19.086903  -0.401614
-0.000467  -0.225113  -48.907693
0.14087   -0.114336  -19.086903  -0.401614
-0.000467  -0.056677  -41.224536
0.28173   -0.114336  -19.086903  -0.401614
-0.000467  -0.094111  -33.647235
0.42260   -0.114336  -19.086903  -0.401614
-0.000467  -0.236455  -26.099393
0.56347   -0.114336  -19.086903  -0.401614
-0.000467  -0.378810  -18.577099

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.592529   8.109383    0.558384
 0.000680  0.313799  12.006053
0.14087    8.592529   8.109383    0.558384
 0.000680  0.079585  12.549537
0.28173    8.592529   8.109383    0.558384
 0.000680  0.178961  18.195312
0.42260    8.592529   8.109383    0.558384
 0.000680  0.449891  26.088134
0.56347    8.592529   8.109383    0.558384
 0.000680  0.720773  35.073216

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1.210920  -45.398018  -0.645719
-0.001088  -0.362975  -66.220916
0.14087   -1.210920  -45.398018  -0.645719
-0.001088  -0.092631  -52.491469
0.28173   -1.210920  -45.398018  -0.645719
-0.001088  -0.155475  -40.135429
0.42260   -1.210920  -45.398018  -0.645719
-0.001088  -0.398997  -29.805496
0.56347   -1.210920  -45.398018  -0.645719
-0.001088  -0.623225  -21.082582

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   11.747369   9.409888    0.591553
 0.000751  0.334369  64.899296
0.14087   11.747369   9.409888    0.591553
 0.000751  0.086177  89.793586
0.28173   11.747369   9.409888    0.591553
 0.000751  0.194964  117.778441
0.42260   11.747369   9.409888    0.591553
 0.000751  0.491604  147.988842
0.56347   11.747369   9.409888    0.591553
 0.000751  0.788152  179.340422

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.966070  -96.941484  -0.706899
-0.001080  -0.398408  -59.197138
0.14087   -0.966070  -96.941484  -0.706899
-0.001080  -0.102654  -47.678571
0.28173   -0.966070  -96.941484  -0.706899
-0.001080  -0.163176  -36.941698
0.42260   -0.966070  -96.941484  -0.706899
-0.001080  -0.410181  -27.551262
0.56347   -0.966070  -96.941484  -0.706899
-0.001080  -0.658324  -20.093112

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   10.776230   90.989729    0.751496
 0.004105  0.435678  128.040378
0.14087   10.776230   90.989729    0.751496
 0.004105  0.121038  116.595292
0.28173   10.776230   90.989729    0.751496
 0.004105  0.231813  120.489785
0.42260   10.776230   90.989729    0.751496
 0.004105  0.581938  136.976915
0.56347   10.776230   90.989729    0.751496
 0.004105  0.931971  161.205746
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2667

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -7.708436  -84.064317  -0.834404
-0.004217  -0.471581  -51.273614
0.14087   -7.708436  -84.064317  -0.834404
-0.004217  -0.130412  -40.889914
0.28173   -7.708436  -84.064317  -0.834404
-0.004217  -0.208278  -46.056672
0.42260   -7.708436  -84.064317  -0.834404
-0.004217  -0.511505  -58.112454
0.56347   -7.708436  -84.064317  -0.834404
-0.004217  -0.826305  -82.473833

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.193469  73.259117    0.676081
 0.000591  0.377977   2.880285
0.14087    0.193469  73.259117    0.676081
 0.000591  0.093839   3.251415
0.28173    0.193469  73.259117    0.676081
 0.000591  0.207026   3.615454
0.42260    0.193469  73.259117    0.676081
 0.000591  0.520020   4.565712
0.56347    0.193469  73.259117    0.676081
 0.000591  0.833152   7.092250

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -10.637997  -7.998392   -0.746340
-0.000309  -0.418702  -33.630308
0.14087  -10.637997  -7.998392   -0.746340
-0.000309  -0.105792  -61.891641
0.28173  -10.637997  -7.998392   -0.746340
-0.000309  -0.188662  -90.167500
0.42260  -10.637997  -7.998392   -0.746340
-0.000309  -0.472411 -118.645556
0.56347  -10.637997  -7.998392   -0.746340
-0.000309  -0.755920 -148.454362

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    2.472854  165.143063    0.974503
 0.006953  0.575125  132.283708
0.14087    2.472854  165.143063    0.974503
 0.006953  0.165031  106.268120
0.28173    2.472854  165.143063    0.974503
 0.006953  0.281602   80.500885
0.42260    2.472854  165.143063    0.974503
 0.006953  0.702942   71.992513
0.56347    2.472854  165.143063    0.974503
 0.006953  1.127941   79.157724

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -16.757619  -27.943992  -1.013974
-0.006541  -0.597277  -23.215828
0.14087  -16.757619  -27.943992  -1.013974
-0.006541  -0.174031  -57.274651
0.28173  -16.757619  -27.943992  -1.013974
-0.006541  -0.267734  -91.559436
0.42260  -16.757619  -27.943992  -1.013974
-0.006541  -0.653372 -128.411074
0.56347  -16.757619  -27.943992  -1.013974
-0.006541  -1.061157 -193.276631

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.932461  136.220098    1.063290
 0.005228  0.615870  138.459742
0.14087    5.932461  136.220098    1.063290
 0.005228  0.169620  140.222582
0.28173    5.932461  136.220098    1.063290
 0.005228  0.312579  142.201217
0.42260    5.932461  136.220098    1.063290
 0.005228  0.455538  156.603304
0.56347    5.932461  136.220098    1.063290
 0.005228  1.255547  182.372784
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2668

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -14.536943  -70.049324  -1.128739
-0.004858  -0.652804  -21.000787
0.14087  -14.536943  -70.049324  -1.128739
-0.004858  -0.181384  -52.429321
0.28173  -14.536943  -70.049324  -1.128739
-0.004858  -0.292407  -83.985217
0.42260  -14.536943  -70.049324  -1.128739
-0.004858  -0.722297 -117.416981
0.56347  -14.536943  -70.049324  -1.128739
-0.004858  -1.167834 -171.044774

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.764364  116.410500    1.193280
 0.004513  0.685058  118.888828
0.14087    7.764364  116.410500    1.193280
 0.004513  0.184224  119.341310
0.28173    7.764364  116.410500    1.193280
 0.004513  0.350922  122.307581
0.42260    7.764364  116.410500    1.193280
 0.004513  0.879415  136.281653
0.56347    7.764364  116.410500    1.193280
 0.004513  1.410558  163.307022

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -12.864302  -78.229217  -1.266773
-0.004309  -0.726743  -43.271236
0.14087  -12.864302  -78.229217  -1.266773
-0.004309  -0.196863  -61.852127
0.28173  -12.864302  -78.229217  -1.266773
-0.004309  -0.329310  -81.872633
0.42260  -12.864302  -78.229217  -1.266773
-0.004309  -0.816498 -104.043358
0.56347  -12.864302  -78.229217  -1.266773
-0.004309  -1.316713 -145.770271

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    4.094173   53.670300    0.240453
 0.004389  0.155819  135.655236
0.14087    4.094173   53.670300    0.240453
 0.004389  0.055227  130.728289
0.28173    4.094173   53.670300    0.240453
 0.004389  0.061551  125.899254
0.42260    4.094173   53.670300    0.240453
 0.004389  0.152684  132.716287
0.56347    4.094173   53.670300    0.240453
 0.004389  0.246045  149.478731

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -3.454378  -46.642151  -0.223357
-0.004327  -0.145950  -2.545593
0.14087   -3.454378  -46.642151  -0.223357
-0.004327  -0.053299  -1.604713
0.28173   -3.454378  -46.642151  -0.223357
-0.004327  -0.062903  -0.818925
0.42260   -3.454378  -46.642151  -0.223357
-0.004327  -0.147563  -1.694882
0.56347   -3.454378  -46.642151  -0.223357
-0.004327  -0.247623  -21.245607

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.675606   51.755022    0.518938
 0.004452  0.310487  145.265205
0.14087    7.675606   51.755022    0.518938
 0.004452  0.093191  152.078920
0.28173    7.675606   51.755022    0.518938
 0.004452  0.146202  162.432299
0.42260    7.675606   51.755022    0.518938
 0.004452  0.366148  184.434040
0.56347    7.675606   51.755022    0.518938
 0.004452  0.589090  216.254304
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2669

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.123474  -82.651041  -0.531989
-0.004415  -0.317222  -11.486140
0.14087   -4.123474  -82.651041  -0.531989
-0.004415  -0.095792   -6.937181
0.28173   -4.123474  -82.651041  -0.531989
-0.004415  -0.140156   -4.508081
0.42260   -4.123474  -82.651041  -0.531989
-0.004415  -0.342356   -4.110189
0.56347   -4.123474  -82.651041  -0.531989
-0.004415  -0.559682  -22.346365

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.512734  108.189957    0.928770
 0.003484  0.532403  142.703709
0.14087    7.512734  108.189957    0.928770
 0.003484  0.142398  131.336157
0.28173    7.512734  108.189957    0.928770
 0.003484  0.271648  143.216687
0.42260    7.512734  108.189957    0.928770
 0.003484  0.680381  165.755732
0.56347    7.512734  108.189957    0.928770
 0.003484  1.091255  196.220305

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -10.549651  -79.431597  -0.979918
-0.003248  -0.560998  -16.018467
0.14087  -10.549651  -79.431597  -0.979918
-0.003248  -0.150875  -15.325256
0.28173  -10.549651  -79.431597  -0.979918
-0.003248  -0.255731  -40.376514
0.42260  -10.549651  -79.431597  -0.979918
-0.003248  -0.635633  -69.005409
0.56347  -10.549651  -79.431597  -0.979918
-0.003248  -1.025213 -111.125617

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.414876   94.507057    1.119051
 0.003042  0.636710  124.760537
0.14087    9.414876   94.507057    1.119051
 0.003042  0.166867  113.550236
0.28173    9.414876   94.507057    1.119051
 0.003042  0.326365  121.066292
0.42260    9.414876   94.507057    1.119051
 0.003042  0.818384  137.680786
0.56347    9.414876   94.507057    1.119051
 0.003042  1.311907  162.843808

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.007250  -83.275556  -1.176851
-0.002977  -0.669333  -47.792157
0.14087   -9.007250  -83.275556  -1.176851
-0.002977  -0.176343  -40.239316
0.28173   -9.007250  -83.275556  -1.176851
-0.002977  -0.309312  -53.724014
0.42260   -9.007250  -83.275556  -1.176851
-0.002977  -0.770541  -70.220168
0.56347   -9.007250  -83.275556  -1.176851
-0.002977  -1.240008  -99.291827

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.477243   7.460326    0.553285
 0.000163  0.309687  10.398382
0.14087    5.477243   7.460326    0.553285
 0.000163  0.077311   7.596576
0.28173    5.477243   7.460326    0.553285
 0.000163  0.159066   4.960249
0.42260    5.477243   7.460326    0.553285
 0.000163  0.399396   2.770996
0.56347    5.477243   7.460326    0.553285
 0.000163  0.639409   2.141844
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2670

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.139801  -24.499495  -0.572455
-0.000391  -0.320799  -58.036459
0.14087   -0.139801  -24.499495  -0.572455
-0.000391  -0.080140  -48.082689
0.28173   -0.139801  -24.499495  -0.572455
-0.000391  -0.154288  -38.226238
0.42260   -0.139801  -24.499495  -0.572455
-0.000391  -0.386551  -28.555729
0.56347   -0.139801  -24.499495  -0.572455
-0.000391  -0.618679  -20.425079

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    8.777257   11.180549    0.880287
 0.000547  0.493457   17.428556
0.14087    8.777257   11.180549    0.880287
 0.000547  0.123967   16.111528
0.28173    8.777257   11.180549    0.880287
 0.000547  0.256268   21.678990
0.42260    8.777257   11.180549    0.880287
 0.000547  0.645029   28.258006
0.56347    8.777257   11.180549    0.880287
 0.000547  1.031723   37.454126

COMB DL-G3-2 ------------------- MIN
```

REL DIST P V2 V3
T M2 M3
0.00000 -1.472727 -52.889472 -0.924207
-0.000867 -0.518943 -76.173127
0.14087 -1.472727 -52.889472 -0.924207
-0.000867 -0.130566 -58.981868
0.28173 -1.472727 -52.889472 -0.924207
-0.000867 -0.245357 -44.980446
0.42260 -1.472727 -52.889472 -0.924207
-0.000867 -0.614260 -32.051971
0.56347 -1.472727 -52.889472 -0.924207
-0.000867 -0.983558 -22.618260

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.637549 9.247672 0.923106
0.000404 0.515607 77.419687
0.14087 11.637549 9.247672 0.923106
0.000404 0.128881 99.498363
0.28173 11.637549 9.247672 0.923106
0.000404 0.269981 125.359843
0.42260 11.637549 9.247672 0.923106
0.000404 0.680211 152.435830
0.56347 11.637549 9.247672 0.923106
0.000404 1.089041 181.520962

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.933919 -97.915140 -0.976786
-0.000554 -0.547196 -68.354347
0.14087 -0.933919 -97.915140 -0.976786
-0.000554 -0.137184 -53.677878
0.28173 -0.933919 -97.915140 -0.976786
-0.000554 -0.255749 -41.186342
0.42260 -0.933919 -97.915140 -0.976786
-0.000554 -0.643421 -29.553744
0.56347 -0.933919 -97.915140 -0.976786
-0.000554 -1.031041 -20.367475

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.967890 82.340234 1.098797
0.003124 0.626485 137.584232
0.14087 10.967890 82.340234 1.098797
0.003124 0.165358 126.366754
0.28173 10.967890 82.340234 1.098797
0.003124 0.316645 129.184199
0.42260 10.967890 82.340234 1.098797
0.003124 0.794412 144.154096
0.56347 10.967890 82.340234 1.098797
0.003124 1.272681 167.633363
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2671

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.812553 -86.686916 -1.141928
-0.003094 -0.564844 -60.450406
0.14087 -6.812553 -86.686916 -1.141928
-0.003094 -0.172191 -46.932875
0.28173 -6.812553 -86.686916 -1.141928
-0.003094 -0.303309 -47.408817
0.42260 -6.812553 -86.686916 -1.141928
-0.003094 -0.755472 -55.184609
0.56347 -6.812553 -86.686916 -1.141928
-0.003094 -1.216306 -76.592682

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.747369 169.831659 0.876309
0.007058 0.502936 138.690695
0.14087 11.747369 169.831659 0.876309
0.007058 0.136147 144.808686
0.28173 11.747369 169.831659 0.876309
0.007058 0.264120 154.311862
0.42260 11.747369 169.831659 0.876309
0.007058 0.664243 178.306591
0.56347 11.747369 169.831659 0.876309
0.007058 1.064303 212.254074

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.056617 -96.941484 -0.953650
-0.006608 -0.539479 -66.209216
0.14087 -17.056617 -96.941484 -0.953650
-0.006608 -0.148556 -55.290853
0.28173 -17.056617 -96.941484 -0.953650
-0.006608 -0.288694 -88.842623
0.42260 -17.056617 -96.941484 -0.953650
-0.006608 -0.600663 -129.697128
0.56347 -17.056617 -96.941484 -0.953650
-0.006608 -0.968167 -192.087338

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.637549 165.143063 1.193280
0.006953 0.685058 145.265205
0.14087 11.637549 165.143063 1.193280
0.006953 0.184224 152.078920
0.28173 11.637549 165.143063 1.193280
0.006953 0.350922 162.438299
0.42260 11.637549 165.143063 1.193280
0.006953 0.879415 184.434040
0.56347 11.637549 165.143063 1.193280
0.006953 1.410558 216.254304

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.757619 -97.915140 -1.266773
-0.006541 -0.726743 -76.173127
0.14087 -16.757619 -97.915140 -1.266773
-0.006541 -0.196863 -61.891641
0.28173 -16.757619 -97.915140 -1.266773
-0.006541 -0.329310 -91.559436
0.42260 -16.757619 -97.915140 -1.266773
-0.006541 -0.816498 -128.411074
0.56347 -16.757619 -97.915140 -1.266773
-0.006541 -1.316713 -193.276631

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.747369 169.831659 1.193280
0.007058 0.685058 145.262205
0.14087 11.747369 169.831659 1.193280
0.007058 0.184224 152.078920
0.28173 11.747369 169.831659 1.193280
0.007058 0.350922 162.438299
0.42260 11.747369 169.831659 1.193280
0.007058 0.879415 184.434040
0.56347 11.747369 169.831659 1.193280
0.007058 1.410558 216.254304
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2672

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -17.056617 -97.915140 -1.266773
-0.006608 -0.726743 -76.173127
0.14087 -17.056617 -97.915140 -1.266773
-0.006608 -0.196863 -61.891641
0.28173 -17.056617 -97.915140 -1.266773
-0.006608 -0.329310 -91.559436
0.42260 -17.056617 -97.915140 -1.266773
-0.006608 -0.816498 -129.697128
0.56347 -17.056617 -97.915140 -1.266773
-0.006608 -1.316713 -193.276631

ELEM 244 ========== LENGTH = 2.977743

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 0.129529 74.111315 0.666539
0.000518 0.742608 102.510113
0.57743 0.129529 74.111315 0.666539
0.000518 0.463039 71.489121
0.71829 0.129529 74.111315 0.666539
0.000518 0.183510 40.555414
0.85914 0.129529 74.111315 0.666539
0.000518 0.085725 9.917942
1.00000 0.129529 74.111315 0.666539
0.000518 0.341811 2.351287

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -10.265050 -5.788905 -0.610556
-0.000795 -0.682544 -12.799205
0.57743 -10.265050 -5.788905 -0.610556
-0.000795 -0.426454 -10.529422
0.71829 -10.265050 -5.788905 -0.610556
-0.000795 -0.170365 -8.623848
0.85914 -10.265050 -5.788905 -0.610556
-0.000795 -0.096213 -6.885912
1.00000 -10.265050 -5.788905 -0.610556
-0.000795 -0.375674 -22.968179

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 4.520274 105.123413 0.978780
0.006767 1.067435 195.222843
0.57743 4.520274 105.123413 0.978780
0.006767 0.658173 155.840945
0.71829 4.520274 105.123413 0.978780
0.006767 0.267686 128.677246
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2673

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85914 4.520274 105.123413 0.978780
0.006767 0.131409 119.160023
1.00000 4.520274 105.123413 0.978780
0.006767 0.469149 122.464755

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -12.955312 -87.462393 -0.836750
-0.007123 -0.934717 -39.422361
0.57743 -12.955312 -87.462393 -0.836750
-0.007123 -0.583755 -17.210737
0.71829 -12.955312 -87.462393 -0.836750
-0.007123 -0.232775 -12.723790
0.85914 -12.955312 -87.462393 -0.836750
-0.007123 -0.166319 -10.024110
1.00000 -12.955312 -87.462393 -0.836750
-0.007123 -0.575639 -10.729910

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 7.806416 94.569281 0.940518
0.005074 1.031810 182.685388
0.57743 7.806416 94.569281 0.940518
0.005074 0.638184 147.733250
0.71829 7.806416 94.569281 0.940518
0.005074 0.257308 121.955371
0.85914 7.806416 94.569281 0.940518
0.005074 0.123199 110.746500
1.00000 7.806416 94.569281 0.940518
0.005074 0.452355 122.185447

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -11.881391 -115.113925 -0.806221
-0.005331 -0.900313 -82.308806
0.57743 -11.881391 -115.113925 -0.806221
-0.005331 -0.562150 -43.124090
0.71829 -11.881391 -115.113925 -0.806221
-0.005331 -0.223984 -14.898268
0.85914 -11.881391 -115.113925 -0.806221
-0.005331 -0.153173 -10.206059
1.00000 -11.881391 -115.113925 -0.806221
-0.005331 -0.546860 -9.639190

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 9.495972 80.787141 0.964106
0.004375 1.060315 157.694632
0.57743 9.495972 80.787141 0.964106
0.004375 0.656653 127.730458
0.71829 9.495972 80.787141 0.964106
0.004375 0.253565 105.367023
0.85914 9.495972 80.787141 0.964106
0.004375 0.123489 95.152608
1.00000 9.495972 80.787141 0.964106
0.004375 0.456101 103.812105

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -10.539092 -112.937011 -0.810883
-0.004457 -0.904380 -118.657661
0.57743 -10.539092 -112.937011 -0.810883
-0.004457 -0.564291 -79.168577
0.71829 -10.539092 -112.937011 -0.810883
-0.004457 -0.224226 -49.155190
0.85914 -10.539092 -112.937011 -0.810883
-0.004457 -0.154036 -39.057010
1.00000 -10.539092 -112.937011 -0.810883
-0.004457 -0.557816 -32.008935

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 5.741807 9.080081 0.234864
0.005449 0.244255 49.370768
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2674

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57743 5.741807 9.080081 0.234864
0.005449 0.146808 50.666560
0.71829 5.741807 9.080081 0.234864
0.005449 0.065105 62.744903
0.85914 5.741807 9.080081 0.234864
0.005449 0.032740 92.562857
1.00000 5.741807 9.080081 0.234864
0.005449 0.085422 133.072693

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -0.697062 -99.515178 -0.152023
-0.005448 -0.169611 -41.424108
0.57743 -0.697062 -99.515178 -0.152023
-0.005448 -0.105833 -18.811241
0.71829 -0.697062 -99.515178 -0.152023
-0.005448 -0.042049 -3.156558
0.85914 -0.697062 -99.515178 -0.152023
-0.005448 -0.052998 -2.512666
1.00000 -0.697062 -99.515178 -0.152023
-0.005448 -0.150418 -1.878401

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 10.091210 8.811241 0.353255
0.005377 0.374745 50.408181
0.57743 10.091210 8.811241 0.353255
0.005377 0.227568 52.045247
0.71829 10.091210 8.811241 0.353255
0.005377 0.094972 64.108216
0.85914 10.091210 8.811241 0.353255
0.005377 0.046251 92.780863
1.00000 10.091210 8.811241 0.353255
0.005377 0.140358 138.558474

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -1.382899 -134.516349 -0.248968
-0.005269 -0.277381 -100.184732
0.57743 -1.382899 -134.516349 -0.248968
-0.005269 -0.172940 -54.413156
0.71829 -1.382899 -134.516349 -0.248968
-0.005269 -0.068531 -21.653695
0.85914 -1.382899 -134.516349 -0.248968
-0.005269 -0.047158 -15.407115
1.00000 -1.382899 -134.516349 -0.248968
-0.005269 -0.218509 -11.347367

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 9.226296 83.029175 0.779259
0.004179 0.854883 191.783058
0.57743 9.226296 83.029175 0.779259
0.004179 0.528735 161.172262
0.71829 9.226296 83.029175 0.779259
0.004179 0.212937 138.228959
0.85914 9.226296 83.029175 0.779259
0.004179 0.099242 128.018844
1.00000 9.226296 83.029175 0.779259
0.004179 0.362448 133.830669

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -9.318684 -115.277955 -0.644771
-0.004265 -0.719334 -96.984334
0.57743 -9.318684 -115.277955 -0.644771
-0.004265 -0.448889 -56.231591
0.71829 -9.318684 -115.277955 -0.644771
-0.004265 -0.178454 -25.302030
0.85914 -9.318684 -115.277955 -0.644771
-0.004265 -0.126712 -18.676439
1.00000 -9.318684 -115.277955 -0.644771
-0.004265 -0.452929 -13.695894
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2675

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 10.674279 71.819514 0.838342
0.003619 0.922675 167.228565
0.57743 10.674279 71.819514 0.838342
0.003619 0.571631 140.628132
0.71829 10.674279 71.819514 0.838342
0.003619 0.229257 120.459336
0.85914 10.674279 71.819514 0.838342
0.003619 0.106775 110.802801
1.00000 10.674279 71.819514 0.838342
0.003619 0.391569 114.707984

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -7.941445 -109.474972 -0.693411
-0.003564 -0.771813 -132.670557
0.57743 -7.941445 -109.474972 -0.693411
-0.003564 -0.480953 -93.204663
0.71829 -7.941445 -109.474972 -0.693411
-0.003564 -0.190110 -61.724007
0.85914 -7.941445 -109.474972 -0.693411
-0.003564 -0.133053 -50.614485
1.00000 -7.941445 -109.474972 -0.693411
-0.003564 -0.484193 -41.062536

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 4.766418 4.646626 0.295064
0.000166 0.328674 13.421937
0.57743 4.766418 4.646626 0.295064
0.000166 0.204915 11.477999
0.71829 4.766418 4.646626 0.295064
0.000166 0.081177 9.546404
0.85914 4.766418 4.646626 0.295064
0.000166 0.039132 7.643891
1.00000 4.766418 4.646626 0.295064
0.000166 0.145434 5.833146

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -0.082786 -19.061668 -0.253369
-1.13E-05 -0.279620 -80.542748
0.57743 -0.082786 -19.061668 -0.253369
-1.13E-05 -0.173335 -72.599256
0.71829 -0.082786 -19.061668 -0.253369
-1.13E-05 -0.067133 -64.704343
0.85914 -0.082786 -19.061668 -0.253369
-1.13E-05 -0.042555 -56.816521
1.00000 -0.082786 -19.061668 -0.253369
-1.13E-05 -0.166369 -48.951879

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 8.603003 6.413590 0.494056
0.000588 0.548806 18.514917
0.57743 8.603003 6.413590 0.494056
0.000588 0.341629 15.969647
0.71829 8.603003 6.413590 0.494056
0.000588 0.135047 13.982003
0.85914 8.603003 6.413590 0.494056
0.000588 0.060271 12.834339
1.00000 8.603003 6.413590 0.494056
0.000588 0.226383 12.522976

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -1.062321 -46.866203 -0.397054
-0.000300 -0.439767 -136.663440
0.57743 -1.062321 -46.866203 -0.397054
-0.000300 -0.273262 -117.932639
0.71829 -1.062321 -46.866203 -0.397054
-0.000300 -0.106802 -100.250009
0.85914 -1.062321 -46.866203 -0.397054
-0.000300 -0.072647 -82.785717
1.00000 -1.062321 -46.866203 -0.397054
-0.000300 -0.280131 -66.260251
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2676

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 11.716275 6.394957 0.505450
0.001000 0.561710 35.613600
0.57743 11.716275 6.394957 0.505450
0.001000 0.349771 35.099431
0.71829 11.716275 6.394957 0.505450
0.001000 0.138797 36.497454
0.85914 11.716275 6.394957 0.505450
0.001000 0.062539 42.914648
1.00000 11.716275 6.394957 0.505450
0.001000 0.233653 65.394761

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -0.774070 -99.059779 -0.409533
-0.000725 -0.453455 -162.247805
0.57743 -0.774070 -99.059779 -0.409533
-0.000725 -0.281715 -121.622003
0.71829 -0.774070 -99.059779 -0.409533
-0.000725 -0.109970 -83.895005
0.85914 -0.774070 -99.059779 -0.409533
-0.000725 -0.074333 -70.824939
1.00000 -0.774070 -99.059779 -0.409533
-0.000725 -0.286354 -59.303275

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 12.039879 55.970224 0.761448
0.003988 0.835200 147.585789
0.57743 12.039879 55.970224 0.761448
0.003988 0.516515 127.964592
0.71829 12.039879 55.970224 0.761448
0.003988 0.208039 115.725981
0.85914 12.039879 55.970224 0.761448
0.003988 0.098495 115.405064
1.00000 12.039879 55.970224 0.761448
0.003988 0.351146 128.283795

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -5.481652 -116.492234 -0.619517
-0.003898 -0.688273 -147.584816
0.57743 -5.481652 -116.492234 -0.619517
-0.003898 -0.428458 -106.216249
0.71829 -5.481652 -116.492234 -0.619517
-0.003898 -0.168623 -74.072064
0.85914 -5.481652 -116.492234 -0.619517
-0.003898 -0.112995 -62.108563
1.00000 -5.481652 -116.492234 -0.619517
-0.003898 -0.442790 -51.623824

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 0.154777 73.512861 0.840497
0.000410 0.938197 99.232665
0.57743 0.154777 73.512861 0.840497
0.000410 0.585671 68.595271
0.71829 0.154777 73.512861 0.840497
0.000410 0.233224 38.259770
0.85914 0.154777 73.512861 0.840497
0.000410 0.117589 9.291204
1.00000 0.154777 73.512861 0.840497
0.000410 0.464535 2.688579

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -10.706409 -8.455314 -0.826907
-0.000678 -0.921358 -22.206804
0.57743 -10.706409 -8.455314 -0.826907
-0.000678 -0.574054 -18.831582
0.71829 -10.706409 -8.455314 -0.826907
-0.000678 -0.227451 -15.917701
0.85914 -10.706409 -8.455314 -0.826907
-0.000678 -0.119122 -14.214165
1.00000 -10.706409 -8.455314 -0.826907
-0.000678 -0.471878 -33.832900
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2677

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43657 5.472657 102.751622 1.238521
0.006653 1.355555 198.127781
0.57743 5.472657 102.751622 1.238521
0.006653 0.840180 160.505791
0.71829 5.472657 102.751622 1.238521
0.006653 0.338039 136.046300
0.85914 5.472657 102.751622 1.238521
0.006653 0.185113 126.847524
1.00000 5.472657 102.751622 1.238521
0.006653 0.642487 131.998970

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43657 -12.921373 -87.495243 -1.122843
-0.006989 -1.247884 -55.321569
0.57743 -12.921373 -87.495243 -1.122843
-0.006989 -0.777487 -28.167752
0.71829 -12.921373 -87.495243 -1.122843
-0.006989 -0.308229 -21.757252
0.85914 -12.921373 -87.495243 -1.122843
-0.006989 -0.206670 -17.417463
1.00000 -12.921373 -87.495243 -1.122843
-0.006989 -0.724808 -23.632349

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	8.005284	92.034570	1.230981
0.005092	1.356417	182.137154	
0.57743	8.005284	92.034570	1.230981
0.005092	0.842482	149.439545	
0.71829	8.005284	92.034570	1.230981
0.005092	0.337796	127.950597	
0.85914	8.005284	92.034570	1.230981
0.005092	0.170673	124.624028	
1.00000	8.005284	92.034570	1.230981
0.005092	0.616363	138.247731	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-11.846194	-112.006707	-1.086889
-0.005342	-1.209616	-87.497414	
0.57743	-11.846194	-112.006707	-1.086889
-0.005342	-0.753739	-48.858227	
0.71829	-11.846194	-112.006707	-1.086889
-0.005342	-0.298587	-25.658992	
0.85914	-11.846194	-112.006707	-1.086889
-0.005342	-0.194299	-17.184046	
1.00000	-11.846194	-112.006707	-1.086889
-0.005342	-0.709918	-21.344334	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	9.480545	79.901489	1.269872
0.004360	1.401955	161.082120	
0.57743	9.480545	79.901489	1.269872
0.004360	0.871337	132.493196	
0.71829	9.480545	79.901489	1.269872
0.004360	0.348390	113.224779	
0.85914	9.480545	79.901489	1.269872
0.004360	0.171421	109.024506	
1.00000	9.480545	79.901489	1.269872
0.004360	0.626378	118.894011	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-10.617070	-112.826575	-1.105345
-0.004463	-1.229507	-129.765363	
0.57743	-10.617070	-112.826575	-1.105345
-0.004463	-0.765684	-89.590817	
0.71829	-10.617070	-112.826575	-1.105345
-0.004463	-0.303620	-62.362552	
0.85914	-10.617070	-112.826575	-1.105345
-0.004463	-0.196990	-47.767054	
1.00000	-10.617070	-112.826575	-1.105345
-0.004463	-0.743877	-43.492902	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2678

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	6.155525	9.589848	0.312050
0.004562	0.330059	58.104676	
0.57743	6.155525	9.589848	0.312050
0.004562	0.202106	60.372030	
0.71829	6.155525	9.589848	0.312050
0.004562	0.083346	74.327665	
0.85914	6.155525	9.589848	0.312050
0.004562	0.047187	102.163640	
1.00000	6.155525	9.589848	0.312050
0.004562	0.123682	135.641195	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.703545	-87.605313	-0.206276
-0.004564	-0.227894	-42.807542	
0.57743	-0.703545	-87.605313	-0.206276
-0.004564	-0.141905	-14.725688	
0.71829	-0.703545	-87.605313	-0.206276
-0.004564	-0.056614	-4.897515	
0.85914	-0.703545	-87.605313	-0.206276
-0.004564	-0.065342	-3.809030	
1.00000	-0.703545	-87.605313	-0.206276
-0.004564	-0.195060	-2.723712	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	9.626436	9.762815	0.484092
0.004602	0.523198	57.209095	
0.57743	9.626436	9.762815	0.484092
0.004602	0.322586	59.436771	
0.71829	9.626436	9.762815	0.484092
0.004602	0.130634	72.959535	
0.85914	9.626436	9.762815	0.484092
0.004602	0.064028	105.231288	
1.00000	9.626436	9.762815	0.484092
0.004602	0.195859	145.346557	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-1.504555	-121.470931	-0.338795
-0.004525	-0.376112	-94.874956	
0.57743	-1.504555	-121.470931	-0.338795
-0.004525	-0.234211	-52.478167	
0.71829	-1.504555	-121.470931	-0.338795
-0.004525	-0.093532	-25.425147	
0.85914	-1.504555	-121.470931	-0.338795
-0.004525	-0.086758	-16.557745	
1.00000	-1.504555	-121.470931	-0.338795
-0.004525	-0.289257	-11.607822	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	8.734794	81.539779	1.019819
0.003304	1.127004	197.905466	
0.57743	8.734794	81.539779	1.019819
0.003304	0.700712	168.767904	
0.71829	8.734794	81.539779	1.019819
0.003304	0.279945	147.896027	
0.85914	8.734794	81.539779	1.019819
0.003304	0.132139	141.714052	
1.00000	8.734794	81.539779	1.019819
0.003304	0.486548	142.751597	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-8.925905	-104.763788	-0.860893
-0.003399	-0.958475	-97.355777	
0.57743	-8.925905	-104.763788	-0.860893
-0.003399	-0.597203	-59.754419	
0.71829	-8.925905	-104.763788	-0.860893
-0.003399	-0.237566	-32.950379	
0.85914	-8.925905	-104.763788	-0.860893
-0.003399	-0.156184	-23.063966	
1.00000	-8.925905	-104.763788	-0.860893
-0.003399	-0.583764	-16.470259	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2679

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	10.440128	72.373136	1.125933
0.002874	1.246629	178.171744	
0.57743	10.440128	72.373136	1.125933
0.002874	0.775562	152.026990	
0.71829	10.440128	72.373136	1.125933
0.002874	0.309138	132.768437	
0.85914	10.440128	72.373136	1.125933
0.002874	0.142935	125.864527	
1.00000	10.440128	72.373136	1.125933
0.002874	0.532416	125.031633	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-7.631168	-104.346566	-0.942008
-0.002840	-1.047607	-143.465498	
0.57743	-7.631168	-104.346566	-0.942008
-0.002840	-0.652511	-105.138642	
0.71829	-7.631168	-104.346566	-0.942008
-0.002840	-0.258719	-75.791110	
0.85914	-7.631168	-104.346566	-0.942008
-0.002840	-0.169766	-60.437222	
1.00000	-7.631168	-104.346566	-0.942008
-0.002840	-0.642010	-48.096503	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	5.479979	7.815656	0.449980
0.000157	0.501335	23.716702	
0.57743	5.479979	7.815656	0.449980
0.000157	0.312454	20.442417	
0.71829	5.479979	7.815656	0.449980
0.000157	0.123578	17.179434	
0.85914	5.479979	7.815656	0.449980
0.000157	0.053266	13.940556	
1.00000	5.479979	7.815656	0.449980
0.000157	0.206862	10.793635	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.105570	-24.263698	-0.365373
-8.49E-06	-0.405163	-98.176680	
0.57743	-0.105570	-24.263698	-0.365373
-8.49E-06	-0.252524	-88.056863	
0.71829	-0.105570	-24.263698	-0.365373
-8.49E-06	-0.098966	-77.969213	
0.85914	-0.105570	-24.263698	-0.365373
-8.49E-06	-0.064753	-67.919453	
1.00000	-0.105570	-24.263698	-0.365373
-8.49E-06	-0.253578	-57.937306	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	8.833955	10.400755	0.705742
0.000476	0.785446	31.205866	
0.57743	8.833955	10.400755	0.705742
0.000476	0.489197	27.035582	
0.71829	8.833955	10.400755	0.705742
0.000476	0.193352	23.228608	
0.85914	8.833955	10.400755	0.705742
0.000476	0.083830	19.984136	
1.00000	8.833955	10.400755	0.705742
0.000476	0.322650	17.959341	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-1.361323	-53.505873	-0.570112
-0.000230	-0.632349	-158.587948	
0.57743	-1.361323	-53.505873	-0.570112
-0.000230	-0.393505	-136.657120	
0.71829	-1.361323	-53.505873	-0.570112
-0.000230	-0.154371	-115.452607	
0.85914	-1.361323	-53.505873	-0.570112
-0.000230	-0.102438	-95.193188	
1.00000	-1.361323	-53.505873	-0.570112
-0.000230	-0.397965	-76.005705	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2680

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	11.558272	9.660058	0.754763
0.000593	0.842083	46.863971	
0.57743	11.558272	9.660058	0.754763
0.000593	0.525016	46.112814	
0.71829	11.558272	9.660058	0.754763
0.000593	0.207938	48.569754	
0.85914	11.558272	9.660058	0.754763
0.000593	0.082939	59.615709	
1.00000	11.558272	9.660058	0.754763
0.000593	0.326642	77.934948	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.922787	-96.908952	-0.582855
-0.000354	-0.647739	-173.200190	
0.57743	-0.922787	-96.908952	-0.582855
-0.000354	-0.403478	-135.317033	
0.71829	-0.922787	-96.908952	-0.582855
-0.000354	-0.159277	-100.324990	
0.85914	-0.922787	-96.908952	-0.582855
-0.000354	-0.105657	-83.157727	
1.00000	-0.922787	-96.908952	-0.582855
-0.000354	-0.422514	-68.272754	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	12.093439	58.294509	1.054751
0.002987	1.165949	164.473058	
0.57743	12.093439	58.294509	1.054751
0.002987	0.724817	144.487284	
0.71829	12.093439	58.294509	1.054751
0.002987	0.288663	131.921236	
0.85914	12.093439	58.294509	1.054751
0.002987	0.131662	131.939893	
1.00000	12.093439	58.294509	1.054751
0.002987	0.482900	137.952988	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-5.298436	-109.448094	-0.852009
-0.002893	-0.946783	-161.077073	
0.57743	-5.298436	-109.448094	-0.852009
-0.002893	-0.589743	-120.890754	
0.71829	-5.298436	-109.448094	-0.852009
-0.002893	-0.233167	-90.463986	
0.85914	-5.298436	-109.448094	-0.852009
-0.002893	-0.161158	-74.510714	
1.00000	-5.298436	-109.448094	-0.852009
-0.002893	-0.603251	-60.636526	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	12.039879	105.123413	0.978780
0.006767	1.067435	195.222843	
0.57743	12.039879	105.123413	0.978780
0.006767	0.658173	161.172262	
0.71829	12.039879	105.123413	0.978780
0.006767	0.267686	138.228959	
0.85914	12.039879	105.123413	0.978780
0.006767	0.131409	128.018844	
1.00000	12.039879	105.123413	0.978780
0.006767	0.469149	138.558474	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-12.955312	-134.516349	-0.836750
-0.007123	-0.934717	-162.247805	
0.57743	-12.955312	-134.516349	-0.836750
-0.007123	-0.583755	-121.622003	
0.71829	-12.955312	-134.516349	-0.836750
-0.007123	-0.232775	-100.250009	
0.85914	-12.955312	-134.516349	-0.836750
-0.007123	0.166319	-82.785717	
1.00000	-12.955312	-134.516349	-0.836750
-0.007123	-0.575639	-66.260251	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2681

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	12.093439	102.751622	1.269872
0.006653	1.401955	198.125781	
0.57743	12.093439	102.751622	1.269872
0.006653	0.871337	168.767904	
0.71829	12.093439	102.751622	1.269872
0.006653	0.348390	147.896027	
0.85914	12.093439	102.751622	1.269872
0.006653	0.185113	141.714052	
1.00000	12.093439	102.751622	1.269872
0.006653	0.642487	145.346557	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-12.921373	-121.470931	-1.122843
-0.006989	-1.247884	-173.200190	
0.57743	-12.921373	-121.470931	-1.122843
-0.006989	-0.777487	-136.657120	
0.71829	-12.921373	-121.470931	-1.122843
-0.006989	-0.308229	-115.452607	
0.85914	-12.921373	-121.470931	-1.122843
-0.006989	-0.206670	-95.193188	
1.00000	-12.921373	-121.470931	-1.122843
-0.006989	-0.728877	-76.005705	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	12.093439	105.123413	1.269872
0.006767	1.401955	198.125781	
0.57743	12.093439	105.123413	1.269872
0.006767	0.871337	168.767904	
0.71829	12.093439	105.123413	1.269872
0.006767	0.348390	147.896027	
0.85914	12.093439	105.123413	1.269872
0.006767	0.185113	141.714052	
1.00000	12.093439	105.123413	1.269872
0.006767	0.642487	145.346557	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-12.955312	-134.516349	-1.122843
-0.007123	-1.247884	-173.200190	
0.57743	-12.955312	-134.516349	-1.122843
-0.007123	-0.777487	-136.657120	
0.71829	-12.955312	-134.516349	-1.122843
-0.007123	-0.308229	-115.452607	
0.85914	-12.955312	-134.516349	-1.122843
-0.007123	-0.206670	-95.193188	
1.00000	-12.955312	-134.516349	-1.122843
-0.007123	-0.728877	-76.005705	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	12.093439	105.123413	1.269872
0.006767	1.401955	198.125781	
0.57743	12.093439	105.123413	1.269872
0.006767	0.871337	168.767904	
0.71829	12.093439	105.123413	1.269872
0.006767	0.348390	147.896027	
0.85914	12.093439	105.123413	1.269872
0.006767	0.185113	141.714052	
1.00000	12.093439	105.123413	1.269872
0.006767	0.642487	145.346557	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-12.955312	-134.516349	-1.122843
-0.007123	-1.247884	-173.200190	
0.57743	-12.955312	-134.516349	-1.122843
-0.007123	-0.777487	-136.657120	
0.71829	-12.955312	-134.516349	-1.122843
-0.007123	-0.308229	-115.452607	
0.85914	-12.955312	-134.516349	-1.122843
-0.007123	-0.206670	-95.193188	
1.00000	-12.955312	-134.516349	-1.122843
-0.007123	-0.728877	-76.005705	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2682

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 245 ========== LENGTH = 2.977803

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131752	73.614084	0.640733
0.000350	0.357404	2.349316	
0.14086	0.131752	73.614084	0.640733
0.000350	0.088757	2.908515	
0.28172	0.131752	73.614084	0.640733
0.000350	0.171453	3.475517	
0.42258	0.131752	73.614084	0.640733
0.000350	0.431966	4.690321	
0.56344	0.131752	73.614084	0.640733
0.000350	0.692477	6.861964	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.216140	-5.756595	-0.621077
-0.000738	-0.349567	-23.001762	
0.14086	-10.216140	-5.756595	-0.621077
-0.000738	-0.088983	-53.557168	
0.28172	-10.216140	-5.756595	-0.621077
-0.000738	-0.180296	-84.346870	
0.42258	-10.216140	-5.756595	-0.621077
-0.000738	-0.448988	-115.145431	
0.56344	-10.216140	-5.756595	-0.621077
-0.000738	-0.717701	-145.972910	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.958307	169.933664	0.953931
0.006567	0.558744	122.816992	
0.14086	1.958307	169.933664	0.953931
0.006567	0.159794	97.995926	
0.28172	1.958307	169.933664	0.953931
0.006567	0.233863	73.386912	
0.42258	1.958307	169.933664	0.953931
0.006567	0.587555	67.720856	
0.56344	1.958307	169.933664	0.953931
0.006567	0.941233	74.720199	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.086087	-26.964906	-0.843199
-0.007120	-0.473506	-10.767207	
0.14086	-17.086087	-26.964906	-0.843199
-0.007120	-0.135128	-49.599348	
0.28172	-17.086087	-26.964906	-0.843199
-0.007120	-0.264835	-88.619329	
0.42258	-17.086087	-26.964906	-0.843199
-0.007120	-0.643665	-129.742303	
0.56344	-17.086087	-26.964906	-0.843199
-0.007120	-1.042493	-192.193055	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.157541	138.495730	0.915339
0.004704	0.529517	122.394095	
0.14086	6.157541	138.495730	0.915339
0.004704	0.146413	128.710503	
0.28172	6.157541	138.495730	0.915339
0.004704	0.225267	135.089421	
0.42258	6.157541	138.495730	0.915339
0.004704	0.566946	154.563715	
0.56344	6.157541	138.495730	0.915339
0.004704	0.908661	182.749037	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.660276	-74.484604	-0.814628
-0.005176	-0.458111	-9.670500	
0.14086	-14.660276	-74.484604	-0.814628
-0.005176	-0.126840	-45.572734	
0.28172	-14.660276	-74.484604	-0.814628
-0.005176	-0.254281	-81.580023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2683

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42258	-14.660276	-74.484604	-0.814628
-0.005176	-0.623723	-118.964023	
0.56344	-14.660276	-74.484604	-0.814628
-0.005176	-1.006768	-170.824547	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.163955	117.239334	0.939793
0.004274	0.540478	103.991026	
0.14086	8.163955	117.239334	0.939793
0.004274	0.147204	108.475057	
0.28172	8.163955	117.239334	0.939793
0.004274	0.224755	115.613421	
0.42258	8.163955	117.239334	0.939793
0.004274	0.566313	134.511035	
0.56344	8.163955	117.239334	0.939793
0.004274	0.907911	163.311107	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.845035	-79.459843	-0.814352
-0.004493	-0.458400	-32.048549	
0.14086	-12.845035	-79.459843	-0.814352
-0.004493	-0.125450	-55.390954	
0.28172	-12.845035	-79.459843	-0.814352
-0.004493	-0.261129	-79.481654	
0.42258	-12.845035	-79.459843	-0.814352
-0.004493	-0.643297	-105.797387	
0.56344	-12.845035	-79.459843	-0.814352
-0.004493	-1.036747	-145.021184	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.644723	63.975178	0.254199
0.005131	0.164816	133.353489	
0.14086	3.644723	63.975178	0.254199
0.005131	0.059048	125.530905	
0.28172	3.644723	63.975178	0.254199
0.005131	0.041974	117.862844	
0.42258	3.644723	63.975178	0.254199
0.005131	0.104353	124.985127	
0.56344	3.644723	63.975178	0.254199
0.005131	0.166736	142.358407	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.207798	-49.218352	-0.148671
-0.005195	-0.082686	-1.872427	
0.14086	-4.207798	-49.218352	-0.148671
-0.005195	-0.033195	-1.287972	
0.28172	-4.207798	-49.218352	-0.148671
-0.005195	-0.067806	-0.77475	
0.42258	-4.207798	-49.218352	-0.148671
-0.005195	-0.156629	-1.993571	
0.56344	-4.207798	-49.218352	-0.148671
-0.005195	-0.262204	-21.054863	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.212412	59.900597	0.352848
0.005119	0.218497	138.803612	
0.14086	8.212412	59.900597	0.352848
0.005119	0.071762	144.805948	
0.28172	8.212412	59.900597	0.352848
0.005119	0.068905	154.282758	
0.42258	8.212412	59.900597	0.352848
0.005119	0.174221	178.255740	
0.56344	8.212412	59.900597	0.352848
0.005119	0.279557	212.198975	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.635046	-88.183920	-0.251070
-0.005117	-0.141676	-11.346453	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2684

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	-4.635046	-88.183920	-0.251070
-0.005117	-0.048362	-7.260508	
0.28172	-4.635046	-88.183920	-0.251070
-0.005117	-0.095515	-4.152793	
0.42258	-4.635046	-88.183920	-0.251070
-0.005117	-0.226966	-4.115194	
0.56344	-4.635046	-88.183920	-0.251070
-0.005117	-0.373986	-21.653506	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.926343	118.491941	0.760796
0.004051	0.440874	133.964874	
0.14086	7.926343	118.491941	0.760796
0.004051	0.122445	125.228742	
0.28172	7.926343	118.491941	0.760796
0.004051	0.179281	136.857714	
0.42258	7.926343	118.491941	0.760796

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 0.004051     0.451186   160.983492
0.56344      7.926343   118.491941      0.760796
 0.004051     0.723095   192.906808

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -11.561855  -82.689428  -0.648208
-0.004325   -0.364471  -13.687773
0.14086   -11.561855  -82.689428  -0.648208
-0.004325   -0.101070  -15.289703
0.28172   -11.561855  -82.689428  -0.648208
-0.004325   -0.210730  -44.317204
0.42258   -11.561855  -82.689428  -0.648208
-0.004325   -0.517751  -75.801722
0.56344   -11.561855  -82.689428  -0.648208
-0.004325   -0.836053 -119.927147

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    9.620385  101.537032   0.821851
 0.003742   0.472610  114.825426
0.14086    9.620385  101.537032   0.821851
 0.003742   0.128824  106.504648
0.28172    9.620385  101.537032   0.821851
 0.003742   0.189712  114.685858
0.42258    9.620385  101.537032   0.821851
 0.003742   0.477081  133.804901
0.56344    9.620385  101.537032   0.821851
 0.003742   0.764462  160.601740

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -9.821835  -82.267326  -0.685073
-0.003723   -0.384981  -41.067481
0.14086   -9.821835  -82.267326  -0.685073
-0.003723   -0.104779  -36.989059
0.28172   -9.821835  -82.267326  -0.685073
-0.003723   -0.227654  -55.577763
0.42258   -9.821835  -82.267326  -0.685073
-0.003723   -0.562557  -75.980680
0.56344   -9.821835  -82.267326  -0.685073
-0.003723   -0.906679 -106.805931

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    4.817137   4.726907   0.296772
0.000509   0.167309   5.840613
0.14086    4.817137   4.726907   0.296772
0.000509   0.042739   4.149799
0.28172    4.817137   4.726907   0.296772
0.000509   0.064898   2.656077
0.42258    4.817137   4.726907   0.296772
0.000509   0.162559   2.181348
0.56344    4.817137   4.726907   0.296772
0.000509   0.260198   1.889235
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2685

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -0.085037  -19.130519  -0.232617
-0.000140   -0.130056   -46.969420
0.14086   -0.085037  -19.130519  -0.232617
-0.000140   -0.032348   -41.264898
0.28172   -0.085037  -19.130519  -0.232617
-0.000140   -0.081668   -33.666063
0.42258   -0.085037  -19.130519  -0.232617
-0.000140   -0.206137   -26.097240
0.56344   -0.085037  -19.130519  -0.232617
-0.000140   -0.330617   -18.553964

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    8.619772   8.538772   0.489353
0.001152   0.275767  12.542353
0.14086    8.619772   8.538772   0.489353
0.001152   0.070475  12.828792
0.28172    8.619772   8.538772   0.489353
0.001152   0.104710  18.111000
0.42258    8.619772   8.538772   0.489353
0.001152   0.138945  26.040579
0.56344    8.619772   8.538772   0.489353
0.001152   0.424134  35.066925

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -1.191285  -45.453090  -0.380581
-0.000617   -0.214412   -66.291063
0.14086   -1.191285  -45.453090  -0.380581
-0.000617   -0.055095   -52.545453
0.28172   -1.191285  -45.453090  -0.380581
-0.000617   -0.135521   -40.158512
0.42258   -1.191285  -45.453090  -0.380581
-0.000617   -0.340079   -29.657214
0.56344   -1.191285  -45.453090  -0.380581
-0.000617   -0.545290   -21.078728

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   11.768041   9.760324   0.510215
 0.001134   0.289496  65.387274
0.14086   11.768041   9.760324   0.510215
 0.001134   0.075470  90.054321
0.28172   11.768041   9.760324   0.510215
 0.001134   0.108088  117.686156
0.42258   11.768041   9.760324   0.510215
 0.001134   0.272588  147.919267
0.56344   11.768041   9.760324   0.510215
 0.001134   0.436935  179.291369

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -0.966985  -96.958252  -0.391795
-0.000702   -0.220417   -59.322723
0.14086   -0.966985  -96.958252  -0.391795
-0.000702   -0.056738   -47.774475
0.28172   -0.966985  -96.958252  -0.391795
-0.000702   -0.139715   -37.000030
0.42258   -0.966985  -96.958252  -0.391795
-0.000702   -0.352634   -27.585363
0.56344   -0.966985  -96.958252  -0.391795
-0.000702   -0.566575   -20.111026

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   10.777882  91.320045   0.752223
 0.004239   0.436445  128.441370
0.14086   10.777882  91.320045   0.752223
 0.004239   0.121938  116.803564
0.28172   10.777882  91.320045   0.752223
 0.004239   0.167222  120.394703
0.42258   10.777882  91.320045   0.752223
 0.004239   0.420176  136.909227
0.56344   10.777882  91.320045   0.752223
 0.004239   0.672986  161.155833
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2686

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -7.721685  -84.194693  -0.602740
-0.004080   -0.338300   -51.633822
0.14086   -7.721685  -84.194693  -0.602740
-0.004080   -0.093767   -41.157327
0.28172   -7.721685  -84.194693  -0.602740
-0.004080   -0.207310   -46.098148
0.42258   -7.721685  -84.194693  -0.602740
-0.004080   -0.511231   -58.168489
0.56344   -7.721685  -84.194693  -0.602740
-0.004080   -0.826051   -82.539285

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    0.158521  73.147413   0.837500
 0.000285   0.470117   2.685752
0.14086    0.158521  73.147413   0.837500
 0.000285   0.118600   3.154003
0.28172    0.158521  73.147413   0.837500
 0.000285   0.228618   3.631918
0.42258    0.158521  73.147413   0.837500
 0.000285   0.573952   4.654623
0.56344    0.158521  73.147413   0.837500
 0.000285   0.919652   7.337068

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000  -10.680330   -8.460010  -0.823412
-0.000637   -0.461236   -33.855784
0.14086  -10.680330   -8.460010  -0.823412
-0.000637   -0.150059   -62.015679
0.28172  -10.680330   -8.460010  -0.823412
-0.000637   -0.232592   -90.176068
0.42258  -10.680330   -8.460010  -0.823412
-0.000637   -0.583841   -118.596363
0.56344  -10.680330   -8.460010  -0.823412
-0.000637   -0.935094   -148.376162

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    2.441202  165.023091   1.225882
 0.006509   0.715896  132.037088
0.14086    2.441202  165.023091   1.225882
 0.006509   0.203049  106.140606
0.28172    2.441202  165.023091   1.225882
 0.006509   0.309491   80.470974
0.42258    2.441202  165.023091   1.225882
 0.006509   0.775613   72.082676
0.56344    2.441202  165.023091   1.225882
 0.006509   1.242226   79.433090

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000  -16.815505  -28.536965  -1.114770
-0.007012   -0.639921   -23.650978
0.14086  -16.815505  -28.536965  -1.114770
-0.007012   -0.185310   -57.501852
0.28172  -16.815505  -28.536965  -1.114770
-0.007012   -0.337813   -91.550746
0.42258  -16.815505  -28.536965  -1.114770
-0.007012   -0.833337   -128.208804
0.56344  -16.815505  -28.536965  -1.114770
-0.007012   -1.343632   -193.209006

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    5.912681  136.113890   1.231491
 0.004833   0.710109  138.251768
0.14086    5.912681  136.113890   1.231491
 0.004833   0.193871  140.113001
0.28172    5.912681  136.113890   1.231491
 0.004833   0.302450  142.178712
0.42258    5.912681  136.113890   1.231491
 0.004833   0.760548  156.621881
0.56344    5.912681  136.113890   1.231491
 0.004833   1.219949  182.607820
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2687

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000  -14.586917  -70.535613  -1.095440
-0.005271   -0.624125   -21.359277
0.14086  -14.586917  -70.535613  -1.095440
-0.005271   -0.174323   -52.620225
0.28172  -14.586917  -70.535613  -1.095440
-0.005271   -0.338995   -83.999952
0.42258  -14.586917  -70.535613  -1.095440
-0.005271   -0.843076   -117.385158
0.56344  -14.586917  -70.535613  -1.095440
-0.005271   -1.357220   -170.998734

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    7.767996  116.497429   1.267805
 0.004308   0.726932  118.901613
0.14086    7.767996  116.497429   1.267805
 0.004308   0.195357  119.353957
0.28172    7.767996  116.497429   1.267805
 0.004308   0.305963  122.281642
0.42258    7.767996  116.497429   1.267805
 0.004308   0.799905  136.280241
0.56344    7.767996  116.497429   1.267805
 0.004308   1.235032  163.454825

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000  -12.890514  -78.572096  -1.108813
-0.004534   -0.629797   -43.520720
0.14086  -12.890514  -78.572096  -1.108813
-0.004534   -0.173044   -61.990412
0.28172  -12.890514  -78.572096  -1.108813
-0.004534   -0.349493   -81.887748
0.42258  -12.890514  -78.572096  -1.108813
-0.004534   -0.870931   -104.036623
0.56344  -12.890514  -78.572096  -1.108813
-0.004534   -1.400732   -145.827518

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    4.076121  53.655340   0.312353
 0.004323   0.194455  135.649792
0.14086    4.076121  53.655340   0.312353
 0.004323   0.064215  130.714390
0.28172    4.076121  53.655340   0.312353
 0.004323   0.056868  125.852003
0.42258    4.076121  53.655340   0.312353
 0.004323   0.142339  132.693798
0.56344    4.076121  53.655340   0.312353
 0.004323   0.227933  149.467986

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -3.456532  -46.693688  -0.206149
-0.004393   -0.125970   -2.705534
0.14086   -3.456532  -46.693688  -0.206149
-0.004393   -0.048660   -1.661967
0.28172   -3.456532  -46.693688  -0.206149
-0.004393   -0.084931   -0.792928
0.42258   -3.456532  -46.693688  -0.206149
-0.004393   -0.202958   -1.696159
0.56344   -3.456532  -46.693688  -0.206149
-0.004393   -0.331228   -21.253364

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    7.675917  51.812050   0.488070
 0.004424   0.291636  145.346084
0.14086    7.675917  51.812050   0.488070
 0.004424   0.087160  152.084028
0.28172    7.675917  51.812050   0.488070
 0.004424   0.095386  162.411012
0.42258    7.675917  51.812050   0.488070
 0.004424   0.241454  184.390430
0.56344    7.675917  51.812050   0.488070
 0.004424   0.388187  216.218885
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2688

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -4.117045  -82.643445  -0.350974
-0.004439   -0.206208   -11.597730
0.14086   -4.117045  -82.643445  -0.350974
-0.004439   -0.068281   -6.987866
0.28172   -4.117045  -82.643445  -0.350974
-0.004439   -0.132422   -4.502335
0.42258   -4.117045  -82.643445  -0.350974
-0.004439   -0.325411   -4.122076
0.56344   -4.117045  -82.643445  -0.350974
-0.004439   -0.528081   -22.398131

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    7.495490  108.162170   1.019664
 0.003235   0.582964  142.705117
0.14086    7.495490  108.162170   1.019664
 0.003235   0.155229  131.296602
0.28172    7.495490  108.162170   1.019664
 0.003235   0.023977  143.189913
0.42258    7.495490  108.162170   1.019664
 0.003235   0.604731  165.780043
0.56344    7.495490  108.162170   1.019664
 0.003235   0.970413  196.408893

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000  -10.576561  -79.753760  -0.871614
-0.003497   -0.494673   -16.447139
0.14086  -10.576561  -79.753760  -0.871614
-0.003497   -0.355573   -15.474451
0.28172  -10.576561  -79.753760  -0.871614
-0.003497   -0.280958   -40.416641
0.42258  -10.576561  -79.753760  -0.871614
-0.003497   -0.701487   -68.977921
0.56344  -10.576561  -79.753760  -0.871614
-0.003497   -1.127875   -111.136635

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    9.425806  94.718485   1.124601
 0.003008   0.639815  125.004153
0.14086    9.425806  94.718485   1.124601
 0.003008   0.167331  113.662203
0.28172    9.425806  94.718485   1.124601
 0.003008   0.260352  121.040920
0.42258    9.425806  94.718485   1.124601
 0.003008   0.656599  137.620207
0.56344    9.425806  94.718485   1.124601
 0.003008   1.053523  162.920089

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -9.014135  -83.461208  -0.946003
-0.003031   -0.535593   -48.092163
0.14086   -9.014135  -83.461208  -0.946003
-0.003031   -0.144028   -40.346228
0.28172   -9.014135  -83.461208  -0.946003
-0.003031   -0.310321   -53.753178
0.42258   -9.014135  -83.461208  -0.946003
-0.003031   -0.776107   -76.227126
0.56344   -9.014135  -83.461208  -0.946003
-0.003031   -1.246745   -99.424059

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    5.516187   7.873780   0.447124
0.000436   0.250419  10.809796
0.14086    5.516187   7.873780   0.447124
0.000436   0.062184   7.833756
0.28172    5.516187   7.873780   0.447124
0.000436   0.098179   4.984678
0.42258    5.516187   7.873780   0.447124
0.000436   0.248097   2.622286
0.56344    5.516187   7.873780   0.447124
0.000436   0.397166   1.981847
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2689

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -0.104244  -24.379681  -0.356267
-0.000138   -0.200104   -57.960406
0.14086   -0.104244  -24.379681  -0.356267
-0.000138   -0.050169   -48.060551
0.28172   -0.104244  -24.379681  -0.356267
-0.000138   -0.124380   -38.254325
0.42258   -0.104244  -24.379681  -0.356267
-0.000138   -0.311996   -28.611135
0.56344   -0.104244  -24.379681  -0.356267
-0.000138   -0.499623   -20.624207

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000    8.834310  11.732612   0.699325
 0.000933   0.392324  17.983515
0.14086    8.834310  11.732612   0.699325
 0.000933   0.098090  17.199873
0.28172    8.834310  11.732612   0.699325
 0.000933   0.153952  21.684787
0.42258    8.834310  11.732612   0.699325
 0.000933   0.389089  28.084673
0.56344    8.834310  11.732612   0.699325
 0.000933   0.623697  37.248365

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -1.434078  -52.710809  -0.559931
-0.000500   -0.314227   -76.045158
0.14086   -1.434078  -52.710809  -0.559931
-0.000500   -0.079899   -58.928780
0.28172   -1.434078  -52.710809  -0.559931
-0.000500   -0.194204   -45.003404
0.42258   -1.434078  -52.710809  -0.559931
-0.000500   -0.487508   -32.124074
0.56344   -1.434078  -52.710809  -0.559931
-0.000500   -0.780952   -22.896317

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   11.686952   9.713701   0.763234
 0.000610   0.426944  77.919070
0.14086   11.686952   9.713701   0.763234
 0.000610   0.105100  99.755607
0.28172   11.686952   9.713701   0.763234
 0.000610   0.160172  125.349282
0.42258   11.686952   9.713701   0.763234
 0.000610   0.406151  152.261688
0.56344   11.686952   9.713701   0.763234
 0.000610   0.652074  181.308950

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -0.903123  -97.776736  -0.586340
-0.000368   -0.327954   -68.289520
0.14086   -0.903123  -97.776736  -0.586340
-0.000368   -0.082560   -53.662099
0.28172   -0.903123  -97.776736  -0.586340
-0.000368   -0.210832   -41.229297
0.42258   -0.903123  -97.776736  -0.586340
-0.000368   -0.531685   -29.630533
0.56344   -0.903123  -97.776736  -0.586340
-0.000368   -0.852253   -20.616112

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   10.990992  82.688414   1.053438
 0.003123   0.601078  137.937758
0.14086   10.990992  82.688414   1.053438
 0.003123   0.158451  126.546059
0.28172   10.990992  82.688414   1.053438
 0.003123   0.234135  129.157921
0.42258   10.990992  82.688414   1.053438
 0.003123   0.591330  144.030574
0.56344   10.990992  82.688414   1.053438
 0.003123   0.948683  167.557125
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2690

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -6.806918  -86.778347  -0.852739
-0.003107   -0.483590   -60.639684
0.14086   -6.806918  -86.778347  -0.852739
-0.003107   -0.131825   -47.053096
0.28172   -6.806918  -86.778347  -0.852739
-0.003107   -0.290558   -47.446531
0.42258   -6.806918  -86.778347  -0.852739
-0.003107   -0.725688   -55.218048
0.56344   -6.806918  -86.778347  -0.852739
-0.003107   -1.166399   -76.784148

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   11.768041  169.933664   0.953931
 0.006567   0.558744  138.803612
0.14086   11.768041  169.933664   0.953931
 0.006567   0.159794  144.805948
0.28172   11.768041  169.933664   0.953931
 0.006567   0.233863  154.282758
0.42258   11.768041  169.933664   0.953931
 0.006567   0.587555  178.255740
0.56344   11.768041  169.933664   0.953931
 0.006567   0.941233  212.198975

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -17.086087  -96.958252  -0.843199
-0.007120   -0.473506   -66.291063
0.14086   -17.086087  -96.958252  -0.843199
-0.007120   -0.135128   -55.329954
0.28172   -17.086087  -96.958252  -0.843199
-0.007120   -0.264835   -88.619329
0.42258   -17.086087  -96.958252  -0.843199
-0.007120   -0.643665   -129.742303
0.56344   -17.086087  -96.958252  -0.843199
-0.007120   -1.042493   -192.193055

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   11.686952  165.023091   1.267805
 0.006509   0.726932  145.346084
0.14086   11.686952  165.023091   1.267805
 0.006509   0.203049  152.084028
0.28172   11.686952  165.023091   1.267805
 0.006509   0.309491  162.411012
0.42258   11.686952  165.023091   1.267805
 0.006509   0.775613  184.390430
0.56344   11.686952  165.023091   1.267805
 0.006509   1.242226  216.218885

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -16.815505  -97.776736  -1.114770
-0.007012   -0.639921   -76.045158
0.14086   -16.815505  -97.776736  -1.114770
-0.007012   -0.185310   -62.015679
0.28172   -16.815505  -97.776736  -1.114770
-0.007012   -0.349493   -91.550746
0.42258   -16.815505  -97.776736  -1.114770
-0.007012   -0.870931   -129.742303
0.56344   -16.815505  -97.776736  -1.114770
-0.007012   -1.400732   -193.209006

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
      T         M2         M3
0.00000   11.768041  169.933664   1.267805
 0.006567   0.726932  145.346084
0.14086   11.768041  169.933664   1.267805
 0.006567   0.203049  152.084028
0.28172   11.768041  169.933664   1.267805
 0.006567   0.309491  162.411012
0.42258   11.768041  169.933664   1.267805
 0.006567   0.775613  184.390430
0.56344   11.768041  169.933664   1.267805
 0.006567   1.242226  216.218885
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                2691

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
      T         M2         M3
0.00000   -17.086087  -97.776736  -1.114770
-0.007120   -0.639921   -76.045158
0.14086   -17.086087  -97.776736  -1.114770
-0.007120   -0.185310   -62.015679
0.28172   -17.086087  -97.776736  -1.114770
-0.007120   -0.349493   -91.550746
0.42258   -17.086087  -97.776736  -1.114770
-0.007120   -0.870931   -129.742303
0.56344   -17.086087  -97.776736  -1.114770
-0.007120   -1.400732   -193.209006

COMB  DESIGN ------------------- MAX
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```
REL DIST          P          V2          V3
T          M2          M3
0.00000   11.768041   169.933664    1.267805
0.006567    0.726932   145.346084
0.14086   11.768041   169.933664    1.267805
0.006567    0.203049   152.084028
0.28172   11.768041   169.933664    1.267805
0.006567    0.309491   162.411012
0.42258   11.768041   169.933664    1.267805
0.006567    0.775613   184.390430
0.56344   11.768041   169.933664    1.267805
0.006567    1.242226   216.218885

COMB  DESIGN  ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000  -17.086087  -97.776736  -1.114770
-0.007120   -0.638921  -76.045158
0.14086  -17.086087  -97.776736  -1.114770
-0.007120   -0.185310  -62.015679
0.28172  -17.086087  -97.776736  -1.114770
-0.007120   -0.349493  -91.550746
0.42258  -17.086087  -97.776736  -1.114770
-0.007120   -0.870931 -129.742303
0.56344  -17.086087  -97.776736  -1.114770
-0.007120   -1.400732 -193.209006

ELEM     246 ================== LENGTH
=    2.977541

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    0.395748   70.383737    0.731073
0.000153    0.816780   96.275603
0.57745    0.395748   70.383737    0.731073
0.000153    0.510184   66.867468
0.71830    0.395748   70.383737    0.731073
0.000153    0.203610   37.423873
0.85915    0.395748   70.383737    0.731073
0.000153    0.088411    8.355439
1.00000    0.395748   70.383737    0.731073
0.000153    0.353310    2.139336

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -9.797152  -10.225967   -0.631564
-0.001107   -0.706171  -22.217096
0.57745   -9.797152  -10.225967   -0.631564
-0.001107   -0.441302  -18.047308
0.71830   -9.797152  -10.225967   -0.631564
-0.001107   -0.176433  -14.272331
0.85915   -9.797152  -10.225967   -0.631564
-0.001107   -0.103131  -10.699501
1.00000   -9.797152  -10.225967   -0.631564
-0.001107   -0.409630  -23.059157

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    4.932268   100.641918    1.123859
0.006235    1.231434   186.650808
0.57745    4.932268   100.641918    1.123859
0.006235    0.764195   147.028553
0.71830    4.932268   100.641918    1.123859
0.006235    0.309534   121.549979
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2692

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
T          M2          M3
0.85915    4.932268   100.641918    1.123859
0.006235    0.133193   113.413319
1.00000    4.932268   100.641918    1.123859
0.006235    0.490521   119.286584

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660  -12.397024  -93.132794   -0.876417
-0.007491   -0.979703  -52.483241
0.57745  -12.397024  -93.132794   -0.876417
-0.007491   -0.612147  -27.367995
0.71830  -12.397024  -93.132794   -0.876417
-0.007491   -0.244565  -20.186970
0.85915  -12.397024  -93.132794   -0.876417
-0.007491   -0.184114  -15.080564
1.00000  -12.397024  -93.132794   -0.876417
-0.007491   -0.653958  -11.923239

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    8.140606   90.942129    1.150414
0.004679    1.272991   177.910397
0.57745    8.140606   90.942129    1.150414
0.004679    0.793391   142.601064
0.71830    8.140606   90.942129    1.150414
0.004679    0.322428   117.589093
0.85915    8.140606   90.942129    1.150414
0.004679    0.122009   106.456901
1.00000    8.140606   90.942129    1.150414
0.004679    0.456997   117.037680

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660  -11.427806  -119.533104   -0.815364
-0.005520   -0.910809   -96.180122
0.57745  -11.427806  -119.533104   -0.815364
-0.005520   -0.566858   -55.139919
0.71830  -11.427806  -119.533104   -0.815364
-0.005520   -0.226905   -24.647094
0.85915  -11.427806  -119.533104   -0.815364
-0.005520   -0.175866   -14.949999
1.00000  -11.427806  -119.533104   -0.815364
-0.005520   -0.656946   -11.500429

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    9.585701   79.675288    1.121629
0.004200    1.242016   157.569089
0.57745    9.585701   79.675288    1.121629
0.004200    0.779988   126.259333
0.71830    9.585701   79.675288    1.121629
0.004200    0.313130   104.040034
0.85915    9.585701   79.675288    1.121629
0.004200    0.116379    93.128637
1.00000    9.585701   79.675288    1.121629
0.004200    0.438111   100.340138

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660  -10.030292  -114.986204   -0.780871
-0.004584   -0.671834  -126.619966
0.57745  -10.030292  -114.986204   -0.780871
-0.004584   -0.544348   -86.171615
0.71830  -10.030292  -114.986204   -0.780871
-0.004584   -0.216883   -54.926615
0.85915  -10.030292  -114.986204   -0.780871
-0.004584   -0.170344   -41.347771
1.00000  -10.030292  -114.986204   -0.780871
-0.004584   -0.639619   -32.588938

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    5.853467    9.121711    0.349695
0.005424    0.372118   49.806192
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2693

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
T          M2          M3
0.57745    5.853467    9.121711    0.349695
0.005424    0.729227   49.553315
0.71830    5.853467    9.121711    0.349695
0.005424    0.096264   60.617504
0.85915    5.853467    9.121711    0.349695
0.005424    0.033104   89.112404
1.00000    5.853467    9.121711    0.349695
0.005424    0.098224   128.880433

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -0.755902  -99.990393   -0.175703
-0.005424    0.196520  -45.470658
0.57745   -0.755902  -99.990393   -0.175703
-0.005424   -0.122828  -15.434546
0.71830   -0.755902  -99.990393   -0.175703
-0.005424   -0.049093   -4.041519
0.85915   -0.755902  -99.990393   -0.175703
-0.005424   -0.069203   -3.217671
1.00000   -0.755902  -99.990393   -0.175703
-0.005424   -0.214561   -2.478191

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660   10.103032    9.903091    0.501342
0.005496    0.545303   54.472816
0.57745   10.103032    9.903091    0.501342
0.005496    0.338303   53.539081
0.71830   10.103032    9.903091    0.501342
0.005496    0.141171   64.354874
0.85915   10.103032    9.903091    0.501342
0.005496    0.039884   91.025912
1.00000   10.103032    9.903091    0.501342
0.005496    0.124783  133.170181

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -1.290579  -133.692315   -0.221536
-0.005085   -0.246856  -103.962424
0.57745   -1.290579  -133.692315   -0.221536
-0.005085   -0.153947   -58.499398
0.71830   -1.290579  -133.692315   -0.221536
-0.005085   -0.061029   -25.602304
0.85915   -1.290579  -133.692315   -0.221536
-0.005085   -0.086936   -16.261288
1.00000   -1.290579  -133.692315   -0.221536
-0.005085   -0.295719   -12.743403

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    9.153555   81.334042    0.972076
0.004034    1.076255   189.289392
0.57745    9.153555   81.334042    0.972076
0.004034    0.670910   157.797816
0.71830    9.153555   81.334042    0.972076
0.004034    0.272663   134.855143
0.85915    9.153555   81.334042    0.972076
0.004034    0.095830   123.935430
1.00000    9.153555   81.334042    0.972076
0.004034    0.356949   127.683602

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -8.898105  -117.580474   -0.636105
-0.004314   -0.710171  -106.712721
0.57745   -8.898105  -117.580474   -0.636105
-0.004314   -0.443398   -64.984130
0.71830   -8.898105  -117.580474   -0.636105
-0.004314   -0.176793   -32.511706
0.85915   -8.898105  -117.580474   -0.636105
-0.004314   -0.147974   -21.903537
1.00000   -8.898105  -117.580474   -0.636105
-0.004314   -0.554481   -16.284697
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2694

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660   10.355220   72.614696    0.978464
0.003670    1.084463   170.159921
0.57745   10.355220   72.614696    0.978464
0.003670    0.676073   141.886830
0.71830   10.355220   72.614696    0.978464
0.003670    0.273602   120.770796
0.85915   10.355220   72.614696    0.978464
0.003670    0.096248   109.681377
1.00000   10.355220   72.614696    0.978464
0.003670    0.359797   110.803277

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -7.654446  -109.612972   -0.639774
-0.003611   -0.713473  -135.510436
0.57745   -7.654446  -109.612972   -0.639774
-0.003611   -0.445161   -95.917789
0.71830   -7.654446  -109.612972   -0.639774
-0.003611   -0.176833   -64.019190
0.85915   -7.654446  -109.612972   -0.639774
-0.003611   -0.147553   -50.218175
1.00000   -7.654446  -109.612972   -0.639774
-0.003611   -0.556975   -40.925862

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    4.309705    8.271183    0.265581
0.000458    0.296018   21.881682
0.57745    4.309705    8.271183    0.265581
0.000458    0.184642   18.419180
0.71830    4.309705    8.271183    0.265581
0.000458    0.073275   14.977033
0.85915    4.309705    8.271183    0.265581
0.000458    0.026824   11.600795
1.00000    4.309705    8.271183    0.265581
0.000458    0.101553    8.275018

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -0.249713  -16.368500   -0.178209
-6.89E-06   -0.197386   -71.174314
0.57745   -0.249713  -16.368500   -0.178209
-6.89E-06   -0.122637   -64.465289
0.71830   -0.249713  -16.368500   -0.178209
-6.89E-06   -0.047952   -57.786265
0.85915   -0.249713  -16.368500   -0.178209
-6.89E-06   -0.038076   -51.131503
1.00000   -0.249713  -16.368500   -0.178209
-6.89E-06   -0.149504   -44.538197

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    8.004480   11.779266    0.446038
0.001036    0.495661   30.120395
0.57745    8.004480   11.779266    0.446038
0.001036    0.308732   25.459015
0.71830    8.004480   11.779266    0.446038
0.001036    0.122184   21.493776
0.85915    8.004480   11.779266    0.446038
0.001036    0.043040   18.139189
1.00000    8.004480   11.779266    0.446038
0.001036    0.164374   15.420640

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -1.002762  -42.758275   -0.290089
-0.000201   -0.322398  -125.213180
0.57745   -1.002762  -42.758275   -0.290089
-0.000201   -0.200761  -108.275257
0.71830   -1.002762  -42.758275   -0.290089
-0.000201   -0.079119   -92.375915
0.85915   -1.002762  -42.758275   -0.290089
-0.000201   -0.065464   -76.894101
1.00000   -1.002762  -42.758275   -0.290089
-0.000201   -0.252583   -61.907443
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2695

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660   11.220699   11.221031    0.588644
0.001429    0.659762   48.340042
0.57745   11.220699   11.221031    0.588644
0.001429    0.413148   39.235576
0.71830   11.220699   11.221031    0.588644
0.001429    0.167309   43.875177
0.85915   11.220699   11.221031    0.588644
0.001429    0.045345   46.740751
1.00000   11.220699   11.221031    0.588644
0.001429    0.171282   64.204630

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -0.909799  -95.257192   -0.301532
-0.000537   -0.334687  -155.516838
0.57745   -0.909799  -95.257192   -0.301532
-0.000537   -0.208232  -116.548371
0.71830   -0.909799  -95.257192   -0.301532
-0.000537   -0.082327   -79.736693
0.85915   -0.909799  -95.257192   -0.301532
-0.000537   -0.081261   -65.458622
1.00000   -0.909799  -95.257192   -0.301532
-0.000537   -0.327735   -55.972123

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660   11.572897   58.439091    0.883662
0.004271    0.976448   154.004382
0.57745   11.572897   58.439091    0.883662
0.004271    0.608144   131.841501
0.71830   11.572897   58.439091    0.883662
0.004271    0.246756   117.986783
0.85915   11.572897   58.439091    0.883662
0.004271    0.115846   15.638526
1.00000   11.572897   58.439091    0.883662
0.004271    0.307274   125.029933

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -5.396875  -115.187405   -0.544894
-0.003872   -0.606931  -145.883782
0.57745   -5.396875  -115.187405   -0.544894
-0.003872   -0.378413  -105.109661
0.71830   -5.396875  -115.187405   -0.544894
-0.003872   -0.149879   -73.221171
0.85915   -5.396875  -115.187405   -0.544894
-0.003872   -0.136445   -59.283977
1.00000   -5.396875  -115.187405   -0.544894
-0.003872   -0.505982   -49.723655

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    0.339880   68.012288    1.004831
0.000156    1.123808   90.285833
0.57745    0.339880   68.012288    1.004831
0.000156    0.702423   62.112764
0.71830    0.339880   68.012288    1.004831
0.000156    0.281118   34.271246
0.85915    0.339880   68.012288    1.004831
0.000156    0.130157    7.647846
1.00000    0.339880   68.012288    1.004831
0.000156    0.516597    2.389732

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -9.513326  -13.289011   -0.921655
-0.001025   -1.028051  -32.325903
0.57745   -9.513326  -13.289011   -0.921655
-0.001025   -0.254629  -27.211806
0.71830   -9.513326  -13.289011   -0.921655
-0.001025   -0.254629  -22.307901
0.85915   -9.513326  -13.289011   -0.921655
-0.001025   -0.140081  -18.606666
1.00000   -9.513326  -13.289011   -0.921655
-0.001025   -0.561689   -34.543931
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2696

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    5.359372   95.871714    1.515980
0.006330    1.671456   182.370340
0.57745    5.359372   95.871714    1.515980
0.006330    1.041657   147.136800
0.71830    5.359372   95.871714    1.515980
0.006330    0.419040   125.033630
0.85915    5.359372   95.871714    1.515980
0.006330    0.202722   119.187501
1.00000    5.359372   95.871714    1.515980
0.006330    0.718916   127.367681

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660  -11.691936  -93.945852   -1.276114
-0.007395   -1.423590   -69.431759
0.57745  -11.691936  -93.945852   -1.276114
-0.007395   -0.888292   -38.353110
0.71830  -11.691936  -93.945852   -1.276114
-0.007395   -0.353043   -29.120123
0.85915  -11.691936  -93.945852   -1.276114
-0.007395   -0.241117   -22.524919
1.00000  -11.691936  -93.945852   -1.276114
-0.007395   -0.875429   -25.574370

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    7.988709   86.669128    1.558861
0.004757    1.728421   169.851356
0.57745    7.988709   86.669128    1.558861
0.004757    1.078600   138.547734
0.71830    7.988709   86.669128    1.558861
0.004757    0.434004   117.997951
0.85915    7.988709   86.669128    1.558861
0.004757    0.188106   115.977369
1.00000    7.988709   86.669128    1.558861
0.004757    0.691337   131.119737

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660  -10.718676  -116.516243   -1.231255
-0.005617   -1.373138  -101.175615
0.57745  -10.718676  -116.516243   -1.231255
-0.005617   -0.856128   -59.365266
0.71830  -10.718676  -116.516243   -1.231255
-0.005617   -0.339392   -33.713492
0.85915  -10.718676  -116.516243   -1.231255
-0.005617   -0.236066   -21.680808
1.00000  -10.718676  -116.516243   -1.231255
-0.005617   -0.889149   -23.672019

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    9.212045   77.255003    1.489310
0.004223    1.652208   154.280948
0.57745    9.212045   77.255003    1.489310
0.004223    1.030813   126.103850
0.71830    9.212045   77.255003    1.489310
0.004223    0.413791   106.887928
0.85915    9.212045   77.255003    1.489310
0.004223    0.173909   103.052454
1.00000    9.212045   77.255003    1.489310
0.004223    0.639758   113.482529

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -9.463290  -114.167635   -1.138049
-0.004666   -1.267802  -135.404371
0.57745   -9.463290  -114.167635   -1.138049
-0.004666   -0.789691   -93.583832
0.71830   -9.463290  -114.167635   -1.138049
-0.004666   -0.312518   -65.354136
0.85915   -9.463290  -114.167635   -1.138049
-0.004666   -0.224073   -48.561347
1.00000   -9.463290  -114.167635   -1.138049
-0.004666   -0.847816   -43.897804
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2697

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    5.814745    9.321798    0.440752
0.004532    0.476590   53.978133
0.57745    5.814745    9.321798    0.440752
0.004532    0.295899   55.583781
0.71830    5.814745    9.321798    0.440752
0.004532    0.120215   68.525552
0.85915    5.814745    9.321798    0.440752
0.004532    0.052300   96.248062
1.00000    5.814745    9.321798    0.440752
0.004532    0.149386   129.573747

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -0.726227  -88.351210   -0.263434
-0.004556   -0.293885   -46.724714
0.57745   -0.726227  -88.351210   -0.263434
-0.004556   -0.183412   -17.147272
0.71830   -0.726227  -88.351210   -0.263434
-0.004556   -0.073306    -5.486418
0.85915   -0.726227  -88.351210   -0.263434
-0.004556   -0.081426    -4.299030
1.00000   -0.726227  -88.351210   -0.263434
-0.004556   -0.265221    -3.141683

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    9.360642   10.880288    0.639420
0.004694    0.701198   56.506639
0.57745    9.360642   10.880288    0.639420
0.004694    0.436827   57.218228
0.71830    9.360642   10.880288    0.639420
0.004694    0.176859   68.754476
0.85915    9.360642   10.880288    0.639420
0.004694    0.063738   99.215574
1.00000    9.360642   10.880288    0.639420
0.004694    0.198873   137.800585

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -1.258463  -120.015777   -0.352785
-0.004400   -0.392771   -97.356051
0.57745   -1.258463  -120.015777   -0.352785
-0.004400   -0.244334   -54.212345
0.71830   -1.258463  -120.015777   -0.352785
-0.004400   -0.096555   -26.946491
0.85915   -1.258463  -120.015777   -0.352785
-0.004400   -0.106624   -16.641313
1.00000   -1.258463  -120.015777   -0.352785
-0.004400   -0.373867   -12.528205

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    8.410947   78.712331    1.294815
0.003204    1.439558   188.717651
0.57745    8.410947   78.712331    1.294815
0.003204    0.898854   159.678267
0.71830    8.410947   78.712331    1.294815
0.003204    0.360993   138.890962
0.85915    8.410947   78.712331    1.294815
0.003204    0.142410   132.675949
1.00000    8.410947   78.712331    1.294815
0.003204    0.533629   133.897675

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.43660   -8.164546  -106.629879   -0.952285
-0.003510   -1.062181  -105.728786
0.57745   -8.164546  -106.629879   -0.952285
-0.003510   -0.662102   -66.295536
0.71830   -8.164546  -106.629879   -0.952285
-0.003510   -0.262529   -37.917877
0.85915   -8.164546  -106.629879   -0.952285
-0.003510   -0.191308   -25.373347
1.00000   -8.164546  -106.629879   -0.952285
-0.003510   -0.734126   -18.255848
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

                                Page
<              MOVING              LOAD              >
                                2698

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.43660    9.751649   72.153867    1.285361
0.002947    1.429174   175.079006
0.57745    9.751649   72.153867    1.285361
0.002947    0.891925   148.298227
0.71830    9.751649   72.153867    1.285361
0.002947    0.357393   128.040644
0.85915    9.751649   72.153867    1.285361
0.002947    0.137607   120.177142
1.00000    9.751649   72.153867    1.285361
0.002947    0.513826   118.589326
```

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.059546	-103.078063	-0.914884
-0.002940	-1.018711	-142.471650	
0.57745	-7.059546	-103.078063	-0.914884
-0.002940	-0.633976	-103.758909	
0.71830	-7.059546	-103.078063	-0.914884
-0.002940	-0.250505	-74.298654	
0.85915	-7.059546	-103.078063	-0.914884
-0.002940	-0.189270	-57.893849	
1.00000	-7.059546	-103.078063	-0.914884
-0.002940	-0.727596	-46.306236	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.515156	11.334392	0.342354
0.000416	0.381102	31.594044	
0.57745	4.515156	11.334392	0.342354
0.000416	0.237396	26.850633	
0.71830	4.515156	11.334392	0.342354
0.000416	0.094138	22.124113	
0.85915	4.515156	11.334392	0.342354
0.000416	0.031670	17.429447	
1.00000	4.515156	11.334392	0.342354
0.000416	0.117465	12.781273	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.260894	-19.749348	-0.206684
-4.04E-06	-0.227279	-84.337027	
0.57745	-0.260894	-19.749348	-0.206684
-4.04E-06	-0.140585	-79.194422	
0.71830	-0.260894	-19.749348	-0.206684
-4.04E-06	-0.054191	-67.988358	
0.85915	-0.260894	-19.749348	-0.206684
-4.04E-06	-0.048935	-59.898055	
1.00000	-0.260894	-19.749348	-0.206684
-4.04E-06	-0.192259	-51.876935	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.756516	15.757740	0.561868
0.000880	0.625566	42.371512	
0.57745	7.756516	15.757740	0.561868
0.000880	0.389906	36.047382	
0.71830	7.756516	15.757740	0.561868
0.000880	0.154220	30.033656	
0.85915	7.756516	15.757740	0.561868
0.000880	0.051236	24.535296	
1.00000	7.756516	15.757740	0.561868
0.000880	0.189923	19.890828	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.106706	-46.751846	-0.335339
-0.000129	-0.369714	-141.047990	
0.57745	-1.106706	-46.751846	-0.335339
-0.000129	-0.228950	-122.014035	
0.71830	-1.106706	-46.751846	-0.335339
-0.000129	-0.088724	-103.725089	
0.85915	-1.106706	-46.751846	-0.335339
-0.000129	-0.315080	-86.420080	
1.00000	-1.106706	-46.751846	-0.335339
-0.000129	-0.315536	-69.879315	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2699

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.590701	14.566097	0.753746
0.000957	0.842934	56.070899	
0.57745	10.590701	14.566097	0.753746
0.000957	0.526403	52.566988	
0.71830	10.590701	14.566097	0.753746
0.000957	0.209932	51.815950	
0.85915	10.590701	14.566097	0.753746
0.000957	0.059636	59.563440	
1.00000	10.590701	14.566097	0.753746
0.000957	0.231580	74.705150	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.919061	-90.428899	-0.412646
-0.000219	-0.456702	-159.999972	
0.57745	-0.919061	-90.428899	-0.412646
-0.000219	-0.282810	-124.362753	
0.71830	-0.919061	-90.428899	-0.412646
-0.000219	-0.109850	-91.225789	
0.85915	-0.919061	-90.428899	-0.412646
-0.000219	-0.103978	-74.929290	
1.00000	-0.919061	-90.428899	-0.412646
-0.000219	-0.420192	-63.009015	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.997884	60.137364	1.157024
0.003221	1.264411	165.288402	
0.57745	10.997884	60.137364	1.157024
0.003221	0.801359	143.776179	
0.71830	10.997884	60.137364	1.157024
0.003221	0.320723	129.290563	
0.85915	10.997884	60.137364	1.157024
0.003221	0.181527	127.617241	
1.00000	10.997884	60.137364	1.157024
0.003221	0.432778	132.022064	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.018147	-106.129415	-0.769522
-0.002910	-0.855864	-154.409420	
0.57745	-5.018147	-106.129415	-0.769522
-0.002910	-0.532342	-114.741735	
0.71830	-5.018147	-106.129415	-0.769522
-0.002910	-0.209723	-85.060091	
0.85915	-5.018147	-106.129415	-0.769522
-0.002910	-0.172417	-69.036838	
1.00000	-5.018147	-106.129415	-0.769522
-0.002910	-0.657074	-56.855131	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.572897	100.641918	1.150414
0.006235	1.272991	189.289392	
0.57745	11.572897	100.641918	1.150414
0.006235	0.793391	157.797816	
0.71830	11.572897	100.641918	1.150414
0.006235	0.321428	134.855143	
0.85915	11.572897	100.641918	1.150414
0.006235	0.133193	123.935430	
1.00000	11.572897	100.641918	1.150414
0.006235	0.490521	133.170181	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.397024	-133.692315	-0.876417
-0.007491	-0.979703	-155.516838	
0.57745	-12.397024	-133.692315	-0.876417
-0.007491	-0.612147	-116.548371	
0.71830	-12.397024	-133.692315	-0.876417
-0.007491	-0.244565	-92.375915	
0.85915	-12.397024	-133.692315	-0.876417
-0.007491	-0.184114	-76.894101	
1.00000	-12.397024	-133.692315	-0.876417
-0.007491	-0.656946	-61.907443	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2700

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.997884	95.871714	1.558861
0.006330	1.728421	188.711951	
0.57745	10.997884	95.871714	1.558861
0.006330	1.078600	159.878267	
0.71830	10.997884	95.871714	1.558861
0.006330	0.434004	138.890962	
0.85915	10.997884	95.871714	1.558861
0.006330	0.202722	132.675949	
1.00000	10.997884	95.871714	1.558861
0.006330	0.718916	137.800585	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.691936	-120.015777	-1.276114
-0.007395	-1.423590	-159.999972	
0.57745	-11.691936	-120.015777	-1.276114
-0.007395	-0.888292	-124.362753	
0.71830	-11.691936	-120.015777	-1.276114
-0.007395	-0.353043	-103.725089	
0.85915	-11.691936	-120.015777	-1.276114
-0.007395	-0.241117	-86.420080	
1.00000	-11.691936	-120.015777	-1.276114
-0.007395	-0.889149	-69.879315	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.572897	100.641918	1.558861
0.006330	1.728421	189.289392	
0.57745	11.572897	100.641918	1.558861
0.006330	1.078600	159.878267	
0.71830	11.572897	100.641918	1.558861
0.006330	0.434004	138.890962	
0.85915	11.572897	100.641918	1.558861
0.006330	0.202722	132.675949	
1.00000	11.572897	100.641918	1.558861
0.006330	0.718916	137.800585	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.397024	-133.692315	-1.276114
-0.007491	-1.423590	-159.999972	
0.57745	-12.397024	-133.692315	-1.276114
-0.007491	-0.888292	-124.362753	
0.71830	-12.397024	-133.692315	-1.276114
-0.007491	-0.353043	-103.725089	
0.85915	-12.397024	-133.692315	-1.276114
-0.007491	-0.241117	-86.420080	
1.00000	-12.397024	-133.692315	-1.276114
-0.007491	-0.889149	-69.879315	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.572897	100.641918	1.558861
0.006330	1.728421	189.289392	
0.57745	11.572897	100.641918	1.558861
0.006330	1.078600	159.878267	
0.71830	11.572897	100.641918	1.558861
0.006330	0.434004	138.890962	
0.85915	11.572897	100.641918	1.558861
0.006330	0.202722	132.675949	
1.00000	11.572897	100.641918	1.558861
0.006330	0.718916	137.800585	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-12.397024	-133.692315	-1.276114
-0.007491	-1.423590	-159.999972	
0.57745	-12.397024	-133.692315	-1.276114
-0.007491	-0.888292	-124.362753	
0.71830	-12.397024	-133.692315	-1.276114
-0.007491	-0.353043	-103.725089	
0.85915	-12.397024	-133.692315	-1.276114
-0.007491	-0.241117	-86.420080	
1.00000	-12.397024	-133.692315	-1.276114
-0.007491	-0.889149	-69.879315	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2701

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 247 ========== LENGTH = 2.977660

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401448	69.784819	0.722541
7.19E-06	0.404939	2.138154	
0.14085	0.401448	69.784819	0.722541
7.19E-06	0.102009	2.746746	
0.28171	0.401448	69.784819	0.722541
7.19E-06	0.177189	4.525834	
0.42256	0.401448	69.784819	0.722541
7.19E-06	0.446572	8.294728	
0.56342	0.401448	69.784819	0.722541
7.19E-06	0.715955	12.366131	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.745256	-10.117049	-0.642284
-0.001072	-0.361578	-23.090873	
0.14085	-9.745256	-10.117049	-0.642284
-0.001072	-0.092202	-51.900908	
0.28171	-9.745256	-10.117049	-0.642284
-0.001072	-0.201254	-81.085172	
0.42256	-9.745256	-10.117049	-0.642284
-0.001072	-0.504199	-110.277906	
0.56342	-9.745256	-10.117049	-0.642284
-0.001072	-0.807239	-139.498639	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.118940	165.012024	1.115975
0.006074	0.650581	119.657062	
0.14085	2.118940	165.012024	1.115975
0.006074	0.183930	95.201682	
0.28171	2.118940	165.012024	1.115975
0.006074	0.245398	72.926371	
0.42256	2.118940	165.012024	1.115975
0.006074	0.617585	69.770715	
0.56342	2.118940	165.012024	1.115975
0.006074	0.989731	80.405596	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.472904	-32.423416	-0.887298
-0.007586	-0.498858	-11.956353	
0.14085	-16.472904	-32.423416	-0.887298
-0.007586	-0.138033	-48.613135	
0.28171	-16.472904	-32.423416	-0.887298
-0.007586	-0.307492	-85.747812	
0.42256	-16.472904	-32.423416	-0.887298
-0.007586	-0.757633	-125.654025	
0.56342	-16.472904	-32.423416	-0.887298
-0.007586	-1.221891	-186.694849	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.320387	134.539350	1.176606
0.004264	0.677343	117.260692	
0.14085	6.320387	134.539350	1.176606
0.004264	0.184838	123.291993	
0.28171	6.320387	134.539350	1.176606
0.004264	0.227776	131.515915	
0.42256	6.320387	134.539350	1.176606
0.004264	0.573528	153.027060	
0.56342	6.320387	134.539350	1.176606
0.004264	0.919264	183.954162	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.170580	-78.816870	-0.824330
-0.005553	-0.463685	-11.527228	
0.14085	-14.170580	-78.816870	-0.824330
-0.005553	-0.125634	-46.032168	
0.28171	-14.170580	-78.816870	-0.824330
-0.005553	-0.324621	-80.828594	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2702

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-14.170580	-78.816870	-0.824330
-0.005553	-0.805903	-117.450989	
0.56342	-14.170580	-78.816870	-0.824330
-0.005553	-1.296804	-168.411046	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.109483	115.901207	1.140806
0.004052	0.654447	100.532873	
0.14085	8.109483	115.901207	1.140806
0.004052	0.176788	104.058097	
0.28171	8.109483	115.901207	1.140806
0.004052	0.217619	112.490797	
0.42256	8.109483	115.901207	1.140806
0.004052	0.549114	132.832841	
0.56342	8.109483	115.901207	1.140806
0.004052	0.880592	162.701112	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.309768	-81.469657	-0.790334
-0.004652	-0.445322	-32.623479	
0.14085	-12.309768	-81.469657	-0.790334
-0.004652	-0.120212	-55.460597	
0.28171	-12.309768	-81.469657	-0.790334
-0.004652	-0.314923	-78.932245	
0.42256	-12.309768	-81.469657	-0.790334
-0.004652	-0.773379	-105.354881	
0.56342	-12.309768	-81.469657	-0.790334
-0.004652	-1.259605	-144.716133	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.542833	63.744755	0.366204
0.005079	0.226580	129.176485	
0.14085	3.542833	63.744755	0.366204
0.005079	0.074077	121.412459	
0.28171	3.542833	63.744755	0.366204
0.005079	0.049117	113.811395	
0.42256	3.542833	63.744755	0.366204
0.005079	0.122999	121.235155	
0.56342	3.542833	63.744755	0.366204
0.005079	0.196835	139.850737	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.220891	-49.627416	-0.176033
-0.005243	-0.098486	-2.469297	
0.14085	-4.220891	-49.627416	-0.176033
-0.005243	-0.034170	-1.833772	
0.28171	-4.220891	-49.627416	-0.176033
-0.005243	-0.098811	-1.469370	
0.42256	-4.220891	-49.627416	-0.176033
-0.005243	-0.237416	-3.382491	
0.56342	-4.220891	-49.627416	-0.176033
-0.005243	-0.387829	-22.958840	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.024044	60.758226	0.539168
0.005123	0.322618	133.431811	
0.14085	8.024044	60.758226	0.539168
0.005123	0.097509	138.856195	
0.28171	8.024044	60.758226	0.539168
0.005123	0.061340	148.077993	
0.42256	8.024044	60.758226	0.539168
0.005123	0.154926	171.535360	
0.56342	8.024044	60.758226	0.539168
0.005123	0.248501	205.919310	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.504548	-87.373350	-0.223110
-0.005076	-0.125805	-12.739853	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2703

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.504548	-87.373350	-0.223110
-0.005076	-0.141136	-6.567470	
0.28171	-4.504548	-87.373350	-0.223110
-0.005076	-0.146594	-6.563397	
0.42256	-4.504548	-87.373350	-0.223110
-0.005076	-0.358786	-7.910371	
0.56342	-4.504548	-87.373350	-0.223110
-0.005076	-0.581963	-27.010029	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.706673	116.554288	0.996754
0.003804	0.572997	127.831992	
0.14085	7.706673	116.554288	0.996754
0.003804	0.155824	120.310009	
0.28171	7.706673	116.554288	0.996754
0.003804	0.177360	132.455723	
0.42256	7.706673	116.554288	0.996754
0.003804	0.446487	157.625639	
0.56342	7.706673	116.554288	0.996754
0.003804	0.715681	191.124737	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.112811	-84.958627	-0.641833
-0.004524	-0.361099	-16.270364	
0.14085	-11.112811	-84.958627	-0.641833
-0.004524	-0.098116	-17.618085	
0.28171	-11.112811	-84.958627	-0.641833
-0.004524	-0.275225	-45.808305	
0.42256	-11.112811	-84.958627	-0.641833
-0.004524	-0.683354	-77.244693	
0.56342	-11.112811	-84.958627	-0.641833
-0.004524	-1.099314	-121.543299	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.175605	102.178097	1.000292
0.003685	0.573269	110.934086	
0.14085	9.175605	102.178097	1.000292
0.003685	0.154431	102.659926	
0.28171	9.175605	102.178097	1.000292
0.003685	0.177067	110.921001	
0.42256	9.175605	102.178097	1.000292
0.003685	0.446685	131.315388	
0.56342	9.175605	102.178097	1.000292
0.003685	0.716287	158.950032	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.517959	-82.377644	-0.642804
-0.003778	-0.362122	-40.924479	
0.14085	-9.517959	-82.377644	-0.642804
-0.003778	-0.097701	-37.422179	
0.28171	-9.517959	-82.377644	-0.642804
-0.003778	-0.275937	-56.163383	
0.42256	-9.517959	-82.377644	-0.642804
-0.003778	-0.687178	-77.303574	
0.56342	-9.517959	-82.377644	-0.642804
-0.003778	-1.104962	-109.019444	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.355533	8.429550	0.268485
0.000799	0.151659	8.284914	
0.14085	4.355533	8.429550	0.268485
0.000799	0.039004	5.100332	
0.28171	4.355533	8.429550	0.268485
0.000799	0.047231	2.498209	
0.42256	4.355533	8.429550	0.268485
0.000799	0.119653	2.425351	
0.56342	4.355533	8.429550	0.268485
0.000799	0.192070	2.594844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2704

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245950	-16.481616	-0.172663
-1.47E-05	-0.097598	-44.554027	
0.14085	-0.245950	-16.481616	-0.172663
-1.47E-05	-0.025123	-38.072598	
0.28171	-0.245950	-16.481616	-0.172663
-1.47E-05	-0.073574	-31.739248	
0.42256	-0.245950	-16.481616	-0.172663
-1.47E-05	-0.186165	-25.450781	
0.56342	-0.245950	-16.481616	-0.172663
-1.47E-05	-0.298768	-19.201533	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.006760	14.023795	0.444140
0.001566	0.250793	15.445568	
0.14085	8.006760	14.023795	0.444140
0.001566	0.064501	13.087919	
0.28171	8.006760	14.023795	0.444140
0.001566	0.079690	16.786563	
0.42256	8.006760	14.023795	0.444140
0.001566	0.200445	24.541873	
0.56342	8.006760	14.023795	0.444140
0.001566	0.322194	33.421049	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.135095	-41.435376	-0.290266
-0.000345	-0.164784	-61.935459	
0.14085	-1.135095	-41.435376	-0.290266
-0.000345	-0.043313	-50.174549	
0.28171	-1.135095	-41.435376	-0.290266
-0.000345	-0.122442	-39.209143	
0.42256	-1.135095	-41.435376	-0.290266
-0.000345	-0.308165	-30.769853	
0.56342	-1.135095	-41.435376	-0.290266
-0.000345	-0.494322	-24.666303	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.253099	14.665388	0.626736
0.001470	0.354490	64.203870	
0.14085	11.253099	14.665388	0.626736
0.001470	0.091639	86.130346	
0.28171	11.253099	14.665388	0.626736
0.001470	0.081778	112.785426	
0.42256	11.253099	14.665388	0.626736
0.001470	0.206873	142.965311	
0.56342	11.253099	14.665388	0.626736
0.001470	0.331991	174.273166	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.110324	-93.303990	-0.298227
-0.000495	-0.168562	-40.987522	
0.14085	-1.110324	-93.303990	-0.298227
-0.000495	-0.044122	-46.446861	
0.28171	-1.110324	-93.303990	-0.298227
-0.000495	-0.172345	-37.385562	
0.42256	-1.110324	-93.303990	-0.298227
-0.000495	-0.434295	-30.126902	
0.56342	-1.110324	-93.303990	-0.298227
-0.000495	-0.696963	-25.073384	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.163826	93.648380	0.908504
0.004348	0.524318	125.202099	
0.14085	10.163826	93.648380	0.908504
0.004348	0.144032	113.082929	
0.28171	10.163826	93.648380	0.908504
0.004348	0.149680	116.049603	
0.42256	10.163826	93.648380	0.908504
0.004348	0.377564	132.774501	
0.56342	10.163826	93.648380	0.908504
0.004348	0.605432	158.997248	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2705

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.618282	-82.906300	-0.543300
-0.004065	-0.306043	-49.727958	
0.14085	-7.618282	-82.906300	-0.543300
-0.004065	-0.084306	-40.200197	
0.28171	-7.618282	-82.906300	-0.543300
-0.004065	-0.249718	-46.569702	
0.42256	-7.618282	-82.906300	-0.543300

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 -0.004065   -0.620955   -60.107969
0.56342    -7.618282   -82.906300    -0.543300
 -0.004065   -0.999895   -86.066795

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.346525   67.533208    1.005593
 4.24E-06    0.564573    2.387836
0.14085    0.346525   67.533208    1.005593
 4.24E-06    0.142440    2.927512
0.28171    0.346525   67.533208    1.005593
 4.24E-06    0.257230    4.401837
0.42256    0.346525   67.533208    1.005593
 4.24E-06    0.647633    9.167261
0.56342    0.346525   67.533208    1.005593
 4.24E-06    1.037998   14.365011

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.489797  -13.179954    -0.930327
 -0.001014   -0.521474   -34.562339
0.14085   -9.489797  -13.179954    -0.930327
 -0.001014   -0.131345   -59.043097
0.28171   -9.489797  -13.179954    -0.930327
 -0.001014   -0.278993   -83.939643
0.42256   -9.489797  -13.179954    -0.930327
 -0.001014   -0.700685  -111.517748
0.56342   -9.489797  -13.179954    -0.930327
 -0.001014   -1.122390  -139.496874

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.170375   157.785873    1.519718
 0.006109    0.880086   127.412036
0.14085    2.170375   157.785873    1.519718
 0.006109    0.244063   102.059870
0.28171    2.170375   157.785873    1.519718
 0.006109    0.355243    78.498911
0.42256    2.170375   157.785873    1.519718
 0.006109    0.895526    75.358181
0.56342    2.170375   157.785873    1.519718
 0.006109    1.435979    86.098805

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -15.550452  -34.764309    -1.288065
 -0.007540   -0.727542   -25.586099
0.14085  -15.550452  -34.764309    -1.288065
 -0.007540   -0.206924   -55.099043
0.28171  -15.550452  -34.764309    -1.288065
 -0.007540   -0.418667   -85.679867
0.42256  -15.550452  -34.764309    -1.288065
 -0.007540   -1.041582  -122.357447
0.56342  -15.550452  -34.764309    -1.288065
 -0.007540   -1.673378  -185.055091

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    5.779524   130.542140    1.576514
 0.004488    0.903653   131.127710
0.14085    5.779524   130.542140    1.576514
 0.004488    0.242667   132.766763
0.28171    5.779524   130.542140    1.576514
 0.004488    0.341539   136.233557
0.42256    5.779524   130.542140    1.576514
 0.004488    0.863957   154.739461
0.56342    5.779524   130.542140    1.576514
 0.004488    1.386914   183.234214
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2706

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -13.436246  -74.951982    -1.244825
 -0.005701   -0.701385   -23.676224
0.14085  -13.436246  -74.951982    -1.244825
 -0.005701   -0.193131   -51.559880
0.28171  -13.436246  -74.951982    -1.244825
 -0.005701   -0.435198   -80.334935
0.42256  -13.436246  -74.951982    -1.244825
 -0.005701   -1.076444  -113.990532
0.56342  -13.436246  -74.951982    -1.244825
 -0.005701   -1.743844  -166.041508

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.397701   113.740489    1.505136
 0.004172    0.860462   113.497680
0.14085    7.397701   113.740489    1.505136
 0.004172    0.229717   113.023388
0.28171    7.397701   113.740489    1.505136
 0.004172    0.314545   116.429401
0.42256    7.397701   113.740489    1.505136
 0.004172    0.796770   134.223669
0.56342    7.397701   113.740489    1.505136
 0.004172    1.279710   162.172646

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -11.720798  -79.874502    -1.149411
 -0.004769   -0.647918   -43.913891
0.14085  -11.720798  -79.874502    -1.149411
 -0.004769   -0.177312   -60.683167
0.28171  -11.720798  -79.874502    -1.149411
 -0.004769   -0.415151   -79.369768
0.42256  -11.720798  -79.874502    -1.149411
 -0.004769   -1.038150  -103.646155
0.56342  -11.720798  -79.874502    -1.149411
 -0.004769   -1.666488  -144.882693

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    3.619065   53.230229    0.448035
 0.004281    0.269607   129.587459
0.14085    3.619065   53.230229    0.448035
 0.004281    0.081211   125.035839
0.28171    3.619065   53.230229    0.448035
 0.004281    0.072754   120.622261
0.42256    3.619065   53.230229    0.448035
 0.004281    0.184059   128.410937
0.56342    3.619065   53.230229    0.448035
 0.004281    0.295869   145.638850

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -3.451565  -47.385296    -0.266397
 -0.004444   -0.152933   -3.125091
0.14085   -3.451565  -47.385296    -0.266397
 -0.004444   -0.055096   -2.087804
0.28171   -3.451565  -47.385296    -0.266397
 -0.004444   -0.122677   -1.303479
0.42256   -3.451565  -47.385296    -0.266397
 -0.004444   -0.300491   -2.935053
0.56342   -3.451565  -47.385296    -0.266397
 -0.004444   -0.484486   -22.594009

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.296950   52.871144    0.659012
 0.004437    0.387279   137.804702
0.14085    7.296950   52.871144    0.659012
 0.004437    0.111467   144.051937
0.28171    7.296950   52.871144    0.659012
 0.004437    0.096967   153.791170
0.42256    7.296950   52.871144    0.659012
 0.004437    0.248016   175.945109
0.56342    7.296950   52.871144    0.659012
 0.004437    0.399895   207.326748
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2707

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -3.848566  -81.234571    -0.360719
 -0.004426   -0.205699   -12.511973
0.14085   -3.848566  -81.234571    -0.360719
 -0.004426   -0.067392   -8.793815
0.28171   -3.848566  -81.234571    -0.360719
 -0.004426   -0.180587   -7.006624
0.42256   -3.848566  -81.234571    -0.360719
 -0.004426   -0.447887   -8.153699
0.56342   -3.848566  -81.234571    -0.360719
 -0.004426   -0.720757   -27.256382

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.091571   105.203705    1.313001
 0.003069    0.747745   133.857990
0.14085    7.091571   105.203705    1.313001
 0.003069    0.196784   124.343487
0.28171    7.091571   105.203705    1.313001
 0.003069    0.264048   136.873739
0.42256    7.091571   105.203705    1.313001
 0.003069    0.669181   161.871572
0.56342    7.091571   105.203705    1.313001
 0.003069    1.074962   193.574351

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.801971  -81.555412    -0.965665
 -0.003766   -0.544153   -18.224323
0.14085   -9.801971  -81.555412    -0.965665
 -0.003766   -0.147249   -17.273425
0.28171   -9.801971  -81.555412    -0.965665
 -0.003766   -0.363201   -41.236940
0.42256   -9.801971  -81.555412    -0.965665
 -0.003766   -0.908455   -70.328813
0.56342   -9.801971  -81.555412    -0.965665
 -0.003766   -1.456820  -111.787930

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    8.666284   94.476389    1.301908
 0.003040    0.739796   118.568205
0.14085    8.666284   94.476389    1.301908
 0.003040    0.194025   107.829073
0.28171    8.666284   94.476389    1.301908
 0.003040    0.250923   115.090868
0.42256    8.666284   94.476389    1.301908
 0.003040    0.636705   134.737648
0.56342    8.666284   94.476389    1.301908
 0.003040    1.023846   160.829821

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -8.436911  -82.191705    -0.920370
 -0.003143   -0.518718   -46.293861
0.14085   -8.436911  -82.191705    -0.920370
 -0.003143   -0.139775   -39.804164
0.28171   -8.436911  -82.191705    -0.920370
 -0.003143   -0.359599   -53.704988
0.42256   -8.436911  -82.191705    -0.920370
 -0.003143   -0.900861   -73.400643
0.56342   -8.436911  -82.191705    -0.920370
 -0.003143   -1.444916  -103.897472

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    4.541758   11.501634    0.346409
 0.000757    0.194874   12.798923
0.14085    4.541758   11.501634    0.346409
 0.000757    0.049469    8.309524
0.28171    4.541758   11.501634    0.346409
 0.000757    0.052707    4.152384
0.42256    4.541758   11.501634    0.346409
 0.000757    0.134607    2.867219
0.56342    4.541758   11.501634    0.346409
 0.000757    0.217618    2.970787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2708

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.261439  -19.912295    -0.196213
 -1.10E-05   -0.110115   -51.899620
0.14085   -0.261439  -19.912295    -0.196213
 -1.10E-05   -0.028301   -43.930596
0.28171   -0.261439  -19.912295    -0.196213
 -1.10E-05   -0.095521   -36.076661
0.42256   -0.261439  -19.912295    -0.196213
 -1.10E-05   -0.162740   -30.324653
0.56342   -0.261439  -19.912295    -0.196213
 -1.10E-05   -0.386304   -25.829825

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.739534   17.267961    0.568274
 0.001381    0.319655   19.918417
0.14085    7.739534   17.267961    0.568274
 0.001381    0.081787   16.751282
0.28171    7.739534   17.267961    0.568274
 0.001381    0.088815   18.910378
0.42256    7.739534   17.267961    0.568274
 0.001381    0.227094   26.186710
0.56342    7.739534   17.267961    0.568274
 0.001381    0.366432   35.415912

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1.187816  -46.054269    -0.330671
 -0.000269   -0.186164   -69.913467
0.14085   -1.187816  -46.054269    -0.330671
 -0.000269   -0.048556   -55.664145
0.28171   -1.187816  -46.054269    -0.330671
 -0.000269   -0.156131   -44.340514
0.42256   -1.187816  -46.054269    -0.330671
 -0.000269   -0.394259   -36.753064
0.56342   -1.187816  -46.054269    -0.330671
 -0.000269   -0.633177   -32.094050

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.702375   14.778086    0.774023
 0.000988    0.433492   74.693781
0.14085   10.702375   14.778086    0.774023
 0.000988    0.108781   94.508639
0.28171   10.702375   14.778086    0.774023
 0.000988    0.109040   117.933641
0.42256   10.702375   14.778086    0.774023
 0.000988    0.280328   145.451244
0.56342   10.702375   14.778086    0.774023
 0.000988    0.452581   174.416634

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.911833  -91.405946    -0.408562
 -6.78E-05   -0.228966   -63.018770
0.14085   -0.911833  -91.405946    -0.408562
 -6.78E-05   -0.058156   -51.353306
0.28171   -0.911833  -91.405946    -0.408562
 -6.78E-05   -0.213695   -41.501041
0.42256   -0.911833  -91.405946    -0.408562
 -6.78E-05   -0.538403   -34.807964
0.56342   -0.911833  -91.405946    -0.408562
 -6.78E-05   -0.863946   -30.065383

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    9.817615   84.524540    1.174618
 0.003313    0.669005   132.014453
0.14085    9.817615   84.524540    1.174618
 0.003313    0.176935   120.325774
0.28171    9.817615   84.524540    1.174618
 0.003313    0.209212   122.561168
0.42256    9.817615   84.524540    1.174618
 0.003313    0.532160   139.649947
0.56342    9.817615   84.524540    1.174618
 0.003313    0.855177   164.432688
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2709

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -6.522483  -83.459531    -0.770302
 -0.003031   -0.434381   -56.851802
0.14085   -6.522483  -83.459531    -0.770302
 -0.003031   -0.119416   -45.045899
0.28171   -6.522483  -83.459531    -0.770302
 -0.003031   -0.324077   -47.512292
0.42256   -6.522483  -83.459531    -0.770302
 -0.003031   -0.811143   -59.555560
0.56342   -6.522483  -83.459531    -0.770302
 -0.003031   -1.302241   -84.034914

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.253099  165.012024    1.176606
 0.006074    0.677343   133.431811
0.14085   11.253099  165.012024    1.176606
 0.006074    0.194838   138.856195
0.28171   11.253099  165.012024    1.176606
 0.006074    0.245398   148.077993
0.42256   11.253099  165.012024    1.176606
 0.006074    0.617585   171.535360
0.56342   11.253099  165.012024    1.176606
 0.006074    0.989731   205.919310

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -16.472904  -93.303990    -0.887298
 -0.007586   -0.498858   -61.935459
0.14085  -16.472904  -93.303990    -0.887298
 -0.007586   -0.138033   -55.460597
0.28171  -16.472904  -93.303990    -0.887298
 -0.007586   -0.324621   -85.747812
0.42256  -16.472904  -93.303990    -0.887298
 -0.007586   -0.805903  -125.654025
0.56342  -16.472904  -93.303990    -0.887298
 -0.007586   -1.296804  -186.694849

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.702375   157.785873    1.576514
 0.006109    0.903653   137.804702
0.14085   10.702375   157.785873    1.576514
 0.006109    0.244063   144.051937
0.28171   10.702375   157.785873    1.576514
 0.006109    0.355243   153.791170
0.42256   10.702375   157.785873    1.576514
 0.006109    0.895526   175.945109
0.56342   10.702375   157.785873    1.576514
 0.006109    1.435979   207.326748

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -15.550452  -91.405946    -1.288065
 -0.007540   -0.727542   -69.913467
0.14085  -15.550452  -91.405946    -1.288065
 -0.007540   -0.206924   -60.683167
0.28171  -15.550452  -91.405946    -1.288065
 -0.007540   -0.435198   -85.679867
0.42256  -15.550452  -91.405946    -1.288065
 -0.007540   -1.086448  -122.357447
0.56342  -15.550452  -91.405946    -1.288065
 -0.007540   -1.743844  -185.055091

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.253099  165.012024    1.576514
 0.006109    0.903653   137.804702
0.14085   11.253099  165.012024    1.576514
 0.006109    0.244063   144.051937
0.28171   11.253099  165.012024    1.576514
 0.006109    0.355243   153.791170
0.42256   11.253099  165.012024    1.576514
 0.006109    0.895526   175.945109
0.56342   11.253099  165.012024    1.576514
 0.006109    1.435979   207.326748
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2710

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -16.472904  -93.303990    -1.288065
 -0.007586   -0.727542   -69.913467
0.14085  -16.472904  -93.303990    -1.288065
 -0.007586   -0.206924   -60.683167
0.28171  -16.472904  -93.303990    -1.288065
 -0.007586   -0.435198   -85.747812
0.42256  -16.472904  -93.303990    -1.288065
 -0.007586   -1.086448  -125.654025
0.56342  -16.472904  -93.303990    -1.288065
 -0.007586   -1.743844  -186.694849

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   11.253099  165.012024    1.576514
 0.006109    0.903653   137.804702
0.14085   11.253099  165.012024    1.576514
 0.006109    0.244063   144.051937
0.28171   11.253099  165.012024    1.576514
 0.006109    0.355243   153.791170
0.42256   11.253099  165.012024    1.576514
 0.006109    0.895526   175.945109
0.56342   11.253099  165.012024    1.576514
 0.006109    1.435979   207.326748

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -16.472904  -93.303990    -1.288065
 -0.007586   -0.727542   -69.913467
0.14085  -16.472904  -93.303990    -1.288065
 -0.007586   -0.206924   -60.683167
0.28171  -16.472904  -93.303990    -1.288065
 -0.007586   -0.435198   -85.747812
0.42256  -16.472904  -93.303990    -1.288065
 -0.007586   -1.086448  -125.654025
0.56342  -16.472904  -93.303990    -1.288065
 -0.007586   -1.743844  -186.694849

ELEM      248 ================== LENGTH
=     2.976473

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43676    1.967450   58.284247    0.780328
 1.62E-05    0.870902   27.053305
0.57757    1.967450   58.284247    0.780328
 1.62E-05    0.543862   52.674277
0.71838    1.967450   58.284247    0.780328
 1.62E-05    0.216864   28.358327
0.85919    1.967450   58.284247    0.780328
 1.62E-05    0.090180    4.521270
1.00000    1.967450   58.284247    0.780328
 1.62E-05    0.359307    1.836304

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43676   -7.246671  -18.575389    -0.642035
 -0.001339   -0.717047   -38.036336
0.57757   -7.246671  -18.575389    -0.642035
 -0.001339   -0.447959   -30.355804
0.71838   -7.246671  -18.575389    -0.642035
 -0.001339   -0.178870   -22.993065
0.85919   -7.246671  -18.575389    -0.642035
 -0.001339   -0.110708   -16.017963
1.00000   -7.246671  -18.575389    -0.642035
 -0.001339   -0.437299   -22.109902

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43676    5.541891   86.579925    1.216984
 0.006214    1.337644   159.344908
0.57757    5.541891   86.579925    1.216984
 0.006214    0.835938   124.990794
0.71838    5.541891   86.579925    1.216984
 0.006214    0.334281   103.634980
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2711

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.85919    5.541891   86.579925    1.216984
 0.006214    0.137623   100.963471
1.00000    5.541891   86.579925    1.216984
 0.006214    0.501090   112.296828

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43676  -11.911122  -102.984109    -0.895418
 -0.007703   -1.000053   -74.443002
0.57757  -11.911122  -102.984109    -0.895418
 -0.007703   -0.624767   -43.337932
0.71838  -11.911122  -102.984109    -0.895418
 -0.007703   -0.249444   -30.592574
0.85919  -11.911122  -102.984109    -0.895418
 -0.007703   -0.196330   -21.545621
1.00000  -11.911122  -102.984109    -0.895418
 -0.007703   -0.705495   -12.752227

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43676    8.338771   82.914353    1.323260
 0.004738    1.466841   155.055723
0.57757    8.338771   82.914353    1.323260
 0.004738    0.917993   123.924577
0.71838    8.338771   82.914353    1.323260
 0.004738    0.369313   102.249263
0.85919    8.338771   82.914353    1.323260
 0.004738    0.133098    94.666356
1.00000    8.338771   82.914353    1.323260
 0.004738    0.496057   106.002825

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43676  -10.467935  -124.210244    -0.884619
 -0.005530   -0.986942   -115.867924
0.57757  -10.467935  -124.210244    -0.884619
 -0.005530   -0.616146   -72.155492
0.71838  -10.467935  -124.210244    -0.884619
 -0.005530   -0.245233   -39.563559
0.85919  -10.467935  -124.210244    -0.884619
 -0.005530   -0.199928   -19.741224
1.00000  -10.467935  -124.210244    -0.884619
 -0.005530   -0.753703   -14.457123

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43676    9.825837   76.390418    1.256023
 0.004365    1.392735   144.672071
0.57757    9.825837   76.390418    1.256023
 0.004365    0.871074   115.672120
0.71838    9.825837   76.390418    1.256023
 0.004365    0.349556    94.560033
0.85919    9.825837   76.390418    1.256023
 0.004365    0.123898    85.208279
1.00000    9.825837   76.390418    1.256023
 0.004365    0.463817    91.774736

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43676   -9.296940  -114.565915    -0.826541
 -0.004593   -0.921796   -133.223357
0.57757   -9.296940  -114.565915    -0.826541
 -0.004593   -0.575349   -92.416201
0.71838   -9.296940  -114.565915    -0.826541
 -0.004593   -0.228811   -61.234413
0.85919   -9.296940  -114.565915    -0.826541
 -0.004593   -0.188955   -41.180082
1.00000   -9.296940  -114.565915    -0.826541
 -0.004593   -0.714732   -32.911666

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43676    4.540954    9.635961    0.418607
 0.005424    0.451287   45.670915
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    2712

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.57757    4.540954    9.635961    0.418607
 0.005424    0.282873   44.214638
```

0.71838 4.540954 9.635961 0.418607
0.005424 0.114541 54.161752
0.85919 4.540954 9.635961 0.418607
0.005424 0.036023 81.475453
1.00000 4.540954 9.635961 0.418607
0.005424 0.104027 119.132544

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.055613	-99.335944	-0.186401
-0.005315	-0.208461	-52.142906	
0.57757	-3.055613	-99.335944	-0.186401
-0.005315	-0.130337	-20.534171	
0.71838	-3.055613	-99.335944	-0.186401
-0.005315	-0.052173	-4.691570	
0.85919	-3.055613	-99.335944	-0.186401
-0.005315	-0.078265	-3.304962	
1.00000	-3.055613	-99.335944	-0.186401
-0.005315	-0.252844	-2.946849	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.986262	16.283929	0.627681
0.005611	0.688158	55.079423	
0.57757	8.986262	16.283929	0.627681
0.005611	0.431638	52.288878	
0.71838	8.986262	16.283929	0.627681
0.005611	0.175333	60.356305	
0.85919	8.986262	16.283929	0.627681
0.005611	0.049770	84.517116	
1.00000	8.986262	16.283929	0.627681
0.005611	0.158912	121.060807	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.676121	-127.377675	-0.282007
-0.004844	-0.313784	-105.019758	
0.57757	-2.676121	-127.377675	-0.282007
-0.004844	-0.195552	-61.247443	
0.71838	-2.676121	-127.377675	-0.282007
-0.004844	-0.077189	-30.680760	
0.85919	-2.676121	-127.377675	-0.282007
-0.004844	-0.104390	-14.907996	
1.00000	-2.676121	-127.377675	-0.282007
-0.004844	-0.366456	-14.403547	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.777752	79.206481	1.127425
0.004142	1.250768	174.112307	
0.57757	8.777752	79.206481	1.127425
0.004142	0.782985	144.335210	
0.71838	8.777752	79.206481	1.127425
0.004142	0.315209	122.463921	
0.85919	8.777752	79.206481	1.127425
0.004142	0.105937	112.703350	
1.00000	8.777752	79.206481	1.127425
0.004142	0.392724	114.579385	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.086639	-116.998951	-0.699689
-0.004247	-1.077139		
0.57757	-9.086639	-116.998951	-0.699689
-0.004247	-0.486927	-75.028181	
0.71838	-9.086639	-116.998951	-0.699689
-0.004247	-0.193510	-42.513452	
0.85919	-9.086639	-116.998951	-0.699689
-0.004247	-0.169357	-23.933852	
1.00000	-9.086639	-116.998951	-0.699689
-0.004247	-0.641089	-19.087268	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2713

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.574285	74.097593	1.101499
0.003883	1.222611	163.985477	
0.57757	9.574285	74.097593	1.101499
0.003883	0.764851	135.812594	
0.71838	9.574285	74.097593	1.101499
0.003883	0.307247	114.236441	
0.85919	9.574285	74.097593	1.101499
0.003883	0.102242	102.771292	
1.00000	9.574285	74.097593	1.101499
0.003883	0.381159	100.916615	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.270435	-105.111753	-0.678115
-0.003554	-0.755620	-132.041074	
0.57757	-8.270435	-105.111753	-0.678115
-0.003554	-0.561381	-93.197022	
0.71838	-8.270435	-105.111753	-0.678115
-0.003554	-0.187036	-63.856658	
0.85919	-8.270435	-105.111753	-0.678115
-0.003554	-0.164465	-45.177691	
1.00000	-8.270435	-105.111753	-0.678115
-0.003554	-0.625490	-38.343294	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	2.988952	13.024508	0.254637
0.000640	0.283733	31.946000	
0.57757	2.988952	13.024508	0.254637
0.000640	0.177020	26.514130	
0.71838	2.988952	13.024508	0.254637
0.000640	0.070296	21.102598	
0.85919	2.988952	13.024508	0.254637
0.000640	0.023117	15.772074	
1.00000	2.988952	13.024508	0.254637
0.000640	0.088075	10.554413	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-1.177783	-10.170824	-0.154907
-6.93E-06	-0.171625	-51.406931	
0.57757	-1.177783	-10.170824	-0.154907
-6.93E-06	-0.106701	-47.291335	
0.71838	-1.177783	-10.170824	-0.154907
-6.93E-06	-0.041824	-43.248820	
0.85919	-1.177783	-10.170824	-0.154907
-6.93E-06	-0.036508	-39.263030	
1.00000	-1.177783	-10.170824	-0.154907
-6.93E-06	-0.143169	-35.299090	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.021542	20.751062	0.435735
0.001341	0.485585	46.379490	
0.57757	7.021542	20.751062	0.435735
0.001341	0.303230	37.923505	
0.71838	7.021542	20.751062	0.435735
0.001341	0.120885	30.295755	
0.85919	7.021542	20.751062	0.435735
0.001341	0.038139	23.646660	
1.00000	7.021542	20.751062	0.435735
0.001341	0.145392	17.542110	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-1.826876	-31.501871	-0.256687
-0.000200	-0.285046	-97.286986	
0.57757	-1.826876	-31.501871	-0.256687
-0.000200	-0.177475	-85.026149	
0.71838	-1.826876	-31.501871	-0.256687
-0.000200	-0.069894	-74.023942	
0.85919	-1.826876	-31.501871	-0.256687
-0.000200	-0.062527	-63.502048	
1.00000	-1.826876	-31.501871	-0.256687
-0.000200	-0.245047	-53.422212	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2714

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.343202	22.197152	0.680999
0.001738	0.762275	61.499351	
0.57757	9.343202	22.197152	0.680999
0.001738	0.477307	54.905267	
0.71838	9.343202	22.197152	0.680999
0.001738	0.192533	49.878432	
0.85919	9.343202	22.197152	0.680999
0.001738	0.049569	48.216824	
1.00000	9.343202	22.197152	0.680999
0.001738	0.188157	58.337102	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.118015	-82.670549	-0.331927
-0.000319	-0.368317	-134.749261	
0.57757	-2.118015	-82.670549	-0.331927
-0.000319	-0.229182	-101.289373	
0.71838	-2.118015	-82.670549	-0.331927
-0.000319	-0.089922	-69.393491	
0.85919	-2.118015	-82.670549	-0.331927
-0.000319	-0.094540	-51.863696	
1.00000	-2.118015	-82.670549	-0.331927
-0.000319	-0.379719	-48.044852	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.775918	63.457407	0.993863
0.004515	1.100582	154.114827	
0.57757	9.775918	63.457407	0.993863
0.004515	0.688626	130.571019	
0.71838	9.775918	63.457407	0.993863
0.004515	0.276826	114.773024	
0.85919	9.775918	63.457407	0.993863
0.004515	0.089235	110.400428	
1.00000	9.775918	63.457407	0.993863
0.004515	0.324209	115.456953	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-7.030411	-107.631381	-0.575608
-0.003758	-0.640789	-134.488590	
0.57757	-7.030411	-107.631381	-0.575608
-0.003758	-0.399525	-96.298954	
0.71838	-7.030411	-107.631381	-0.575608
-0.003758	-0.158155	-67.454450	
0.85919	-7.030411	-107.631381	-0.575608
-0.003758	-0.151469	-49.882168	
1.00000	-7.030411	-107.631381	-0.575608
-0.003758	-0.567278	-43.961867	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	3.488106	53.241355	1.143358
1.16E-05	1.275561	67.645514	
0.57757	3.488106	53.241355	1.143358
1.16E-05	0.796452	45.764201	
0.71838	3.488106	53.241355	1.143358
1.16E-05	0.317285	24.224524	
0.85919	3.488106	53.241355	1.143358
1.16E-05	0.138693	4.287348	
1.00000	3.488106	53.241355	1.143358
1.16E-05	0.556557	1.989284	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.244200	-24.412490	-0.997112
-0.001316	-1.777011	-54.037754	
0.57757	-6.244200	-24.412490	-0.997112
-0.001316	-0.695832	-44.513881	
0.71838	-6.244200	-24.412490	-0.997112
-0.001316	-0.277696	-35.126790	
0.85919	-6.244200	-24.412490	-0.997112
-0.001316	-0.161484	-26.981108	
1.00000	-6.244200	-24.412490	-0.997112
-0.001316	-0.641157	-34.586768	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2715

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.093676	78.605059	1.732633
0.006200	1.917575	147.028198	
0.57757	7.093676	78.605059	1.732633
0.006200	1.198200	117.742763	
0.71838	7.093676	78.605059	1.732633
0.006200	0.478931	101.945921	
0.85919	7.093676	78.605059	1.732633
0.006200	0.225788	103.498946	
1.00000	7.093676	78.605059	1.732633
0.006200	0.808804	117.971604	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.725991	-106.825815	-1.437496
-0.007596	-1.603146	-97.873735	
0.57757	-10.725991	-106.825815	-1.437496
-0.007596	-1.000648	-58.007210	
0.71838	-10.725991	-106.825815	-1.437496
-0.007596	-0.398134	-42.845830	
0.85919	-10.725991	-106.825815	-1.437496
-0.007596	-0.271056	-31.330705	
1.00000	-10.725991	-106.825815	-1.437496
-0.007596	-0.996140	-27.610498	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.238450	76.486707	1.869913
0.004838	2.078566	145.619964	
0.57757	9.238450	76.486707	1.869913
0.004838	1.299555	117.542711	
0.71838	9.238450	76.486707	1.869913
0.004838	0.520555	99.508242	
0.85919	9.238450	76.486707	1.869913
0.004838	0.221526	98.997392	
1.00000	9.238450	76.486707	1.869913
0.004838	0.818438	116.805503	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.615821	-123.034730	-1.458187
-0.005633	-1.625645	-126.349215	
0.57757	-9.615821	-123.034730	-1.458187
-0.005633	-1.014142	-78.810482	
0.71838	-9.615821	-123.034730	-1.458187
-0.005633	-0.402508	-48.983823	
0.85919	-9.615821	-123.034730	-1.458187
-0.005633	-0.276978	-28.612074	
1.00000	-9.615821	-123.034730	-1.458187
-0.005633	-1.062525	-26.510895	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.614102	72.955328	1.784514
0.004432	1.984604	140.821694	
0.57757	10.614102	72.955328	1.784514
0.004432	1.240495	113.609140	
0.71838	10.614102	72.955328	1.784514
0.004432	0.496483	94.820339	
0.85919	10.614102	72.955328	1.784514
0.004432	0.264144	90.547880	
1.00000	10.614102	72.955328	1.784514
0.004432	0.759715	101.895699	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.704828	-113.775813	-1.353868
-0.004680	-1.508612	-142.965498	
0.57757	-8.704828	-113.775813	-1.353868
-0.004680	-0.940755	-98.773035	
0.71838	-8.704828	-113.775813	-1.353868
-0.004680	-0.372784	-69.533986	
0.85919	-8.704828	-113.775813	-1.353868
-0.004680	-0.264166	-48.814101	
1.00000	-8.704828	-113.775813	-1.353868
-0.004680	-1.011736	-43.194994	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2716

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	3.844045	9.852025	0.538770
0.004545	0.591799	47.646059	
0.57757	3.844045	9.852025	0.538770
0.004545	0.370740	47.300693	
0.71838	3.844045	9.852025	0.538770
0.004545	0.149783	57.861182	
0.85919	3.844045	9.852025	0.538770
0.004545	0.068626	84.746107	
1.00000	3.844045	9.852025	0.538770
0.004545	0.206445	116.970201	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.184524	-87.159074	-0.361370
-0.004449	-0.401007	-52.161464	
0.57757	-3.184524	-87.159074	-0.361370
-0.004449	-0.249652	-19.856818	
0.71838	-3.184524	-87.159074	-0.361370
-0.004449	-0.098552	-5.929068	
0.85919	-3.184524	-87.159074	-0.361370
-0.004449	-0.053221	-4.153953	
1.00000	-3.184524	-87.159074	-0.361370
-0.004449	-0.317712	-3.548911	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.103446	18.314127	0.845214
0.004831	0.935729	61.095309	
0.57757	8.103446	18.314127	0.845214
0.004831	0.585955	57.403672	
0.71838	8.103446	18.314127	0.845214
0.004831	0.235861	63.399301	
0.85919	8.103446	18.314127	0.845214
0.004831	0.090765	87.838599	
1.00000	8.103446	18.314127	0.845214
0.004831	0.297739	122.240090	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.894477	-112.276631	-0.525360
-0.004133	-0.583350	-97.288695	
0.57757	-2.894477	-112.276631	-0.525360
-0.004133	-0.362941	-54.093277	
0.71838	-2.894477	-112.276631	-0.525360
-0.004133	-0.142646	-27.905718	
0.85919	-2.894477	-112.276631	-0.525360
-0.004133	-0.133170	-14.554843	
1.00000	-2.894477	-112.276631	-0.525360
-0.004133	-0.486962	-13.944994	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.374849	75.701567	1.582228
0.003330	1.763230	171.925305	
0.57757	8.374849	75.701567	1.582228
0.003330	1.102795	143.031031	
0.71838	8.374849	75.701567	1.582228
0.003330	0.442249	121.962610	
0.85919	8.374849	75.701567	1.582228
0.003330	0.176500	114.646134	
1.00000	8.374849	75.701567	1.582228
0.003330	0.661922	116.493594	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.735385	-106.353249	-1.178905
-0.003482	-1.513811	-116.417432	
0.57757	-8.735385	-106.353249	-1.178905
-0.003482	-0.818836	-74.895988	
0.71838	-8.735385	-106.353249	-1.178905
-0.003482	-0.324494	-44.844932	
0.85919	-8.735385	-106.353249	-1.178905
-0.003482	-0.229655	-26.966478	
1.00000	-8.735385	-106.353249	-1.178905
-0.003482	-0.893057	-20.603973	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2717

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.123568	73.688505	1.546807
0.003214	1.724697	168.171341	
0.57757	9.123568	73.688505	1.546807
0.003214	1.078605	140.200935	
0.71838	9.123568	73.688505	1.546807
0.003214	0.432771	117.917854	
0.85919	9.123568	73.688505	1.546807
0.003214	0.167181	107.521002	
1.00000	9.123568	73.688505	1.546807
0.003214	0.631108	104.872570	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.292918	-97.003930	-1.123648
-0.002916	-1.250606	-134.756989	
0.57757	-8.292918	-97.003930	-1.123648
-0.002916	-0.778692	-96.802722	
0.71838	-8.292918	-97.003930	-1.123648
-0.002916	-0.307638	-68.514399	
0.85919	-8.292918	-97.003930	-1.123648
-0.002916	-0.222849	-50.155391	
1.00000	-8.292918	-97.003930	-1.123648
-0.002916	-0.871045	-41.769581	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	2.811817	17.222040	0.350662
0.000637	0.392910	42.596283	
0.57757	2.811817	17.222040	0.350662
0.000637	0.245775	35.567056	
0.71838	2.811817	17.222040	0.350662
0.000637	0.099113	28.647484	
0.85919	2.811817	17.222040	0.350662
0.000637	0.033165	21.770745	
1.00000	2.811817	17.222040	0.350662
0.000637	0.125904	14.966470	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.175024	-11.326382	-0.222313
-4.04E-06	-0.244954	-57.178437	
0.57757	-2.175024	-11.326382	-0.222313
-4.04E-06	-0.151176	-52.712834	
0.71838	-2.175024	-11.326382	-0.222313
-4.04E-06	-0.058176	-48.374371	
0.85919	-2.175024	-11.326382	-0.222313
-4.04E-06	-0.048145	-44.078740	
1.00000	-2.175024	-11.326382	-0.222313
-4.04E-06	-0.194546	-39.863379	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.069410	26.999802	0.633934
0.001262	0.708900	61.334628	
0.57757	7.069410	26.999802	0.633934
0.001262	0.443288	50.422571	
0.71838	7.069410	26.999802	0.633934
0.001262	0.177480	40.175999	
0.85919	7.069410	26.999802	0.633934
0.001262	0.051664	30.716442	
1.00000	7.069410	26.999802	0.633934
0.001262	0.221789	21.678173	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-2.795069	-31.796570	-0.394191
-0.000128	-0.436230	-102.716202	
0.57757	-2.795069	-31.796570	-0.394191
-0.000128	-0.270144	-90.056643	
0.71838	-2.795069	-31.796570	-0.394191
-0.000128	-0.105146	-78.380954	
0.85919	-2.795069	-31.796570	-0.394191
-0.000128	-0.088420	-67.826591	
1.00000	-2.795069	-31.796570	-0.394191
-0.000128	-0.353318	-58.175331	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2718

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.407515	27.688404	0.930422
0.001345	1.043174	74.685934	
0.57757	8.407515	27.688404	0.930422
0.001345	0.652983	65.266168	
0.71838	8.407515	27.688404	0.930422
0.001345	0.262857	57.338138	
0.85919	8.407515	27.688404	0.930422
0.001345	0.080398	57.410668	
1.00000	8.407515	27.688404	0.930422
0.001345	0.315200	66.256102	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.216795	-73.937969	-0.561158
-5.24E-06	-0.621582	-129.450716	
0.57757	-3.216795	-73.937969	-0.561158
-5.24E-06	-0.385338	-99.804655	
0.71838	-3.216795	-73.937969	-0.561158
-5.24E-06	-0.150252	-71.581917	
0.85919	-3.216795	-73.937969	-0.561158
-5.24E-06	-0.125670	-56.736781	
1.00000	-3.216795	-73.937969	-0.561158
-5.24E-06	-0.515570	-52.308562	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	8.917336	65.868079	1.378660
0.003538	1.536946	165.787233	
0.57757	8.917336	65.868079	1.378660
0.003538	0.961846	141.179422	
0.71838	8.917336	65.868079	1.378660
0.003538	0.386367	122.770885	
0.85919	8.917336	65.868079	1.378660
0.003538	0.146487	117.068379	
1.00000	8.917336	65.868079	1.378660
0.003538	0.541394	118.733692	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-7.815417	-96.144814	-0.961151
-0.002808	-1.067834	-136.186903	
0.57757	-7.815417	-96.144814	-0.961151
-0.002808	-0.664067	-98.756379	
0.71838	-7.815417	-96.144814	-0.961151
-0.002808	-0.261263	-71.864131	
0.85919	-7.815417	-96.144814	-0.961151
-0.002808	-0.199817	-55.792519	
1.00000	-7.815417	-96.144814	-0.961151
-0.002808	-0.777235	-48.595245	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.825837	86.579925	1.323260
0.006214	1.466841	174.112307	
0.57757	9.825837	86.579925	1.323260
0.006214	0.911093	144.335210	
0.71838	9.825837	86.579925	1.323260
0.006214	0.369313	122.463921	
0.85919	9.825837	86.579925	1.323260
0.006214	0.137623	112.703350	
1.00000	9.825837	86.579925	1.323260
0.006214	0.501090	121.060807	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.911122	-127.377675	-0.895418
-0.007703	-1.000053	-134.749261	
0.57757	-11.911122	-127.377675	-0.895418
-0.007703	-0.624767	-101.289373	
0.71838	-11.911122	-127.377675	-0.895418
-0.007703	-0.249444	-74.023942	
0.85919	-11.911122	-127.377675	-0.895418
-0.007703	-0.199928	-63.502048	
1.00000	-11.911122	-127.377675	-0.895418
-0.007703	-0.753703	-53.422212	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2719

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.614102	78.605059	1.869913
0.006200	2.078566	171.925305	
0.57757	10.614102	78.605059	1.869913
0.006200	1.299555	143.591031	
0.71838	10.614102	78.605059	1.869913
0.006200	0.520555	122.770885	
0.85919	10.614102	78.605059	1.869913
0.006200	0.225788	117.068379	
1.00000	10.614102	78.605059	1.869913
0.006200	0.818438	122.240090	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.725991	-123.034730	-1.458187
-0.007596	-1.625645	-142.965498	
0.57757	-10.725991	-123.034730	-1.458187
-0.007596	-1.014142	-99.804655	
0.71838	-10.725991	-123.034730	-1.458187
-0.007596	-0.402508	-78.380954	
0.85919	-10.725991	-123.034730	-1.458187
-0.007596	-0.278978	-67.826591	
1.00000	-10.725991	-123.034730	-1.458187
-0.007596	-1.062525	-58.175331	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.614102	86.579925	1.869913
0.006214	2.078566	174.112307	
0.57757	10.614102	86.579925	1.869913
0.006214	1.299555	144.335210	
0.71838	10.614102	86.579925	1.869913
0.006214	0.520555	122.770885	
0.85919	10.614102	86.579925	1.869913
0.006214	0.225788	117.068379	
1.00000	10.614102	86.579925	1.869913
0.006214	0.818438	122.240090	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.911122	-127.377675	-1.458187
-0.007703	-1.625645	-142.965498	
0.57757	-11.911122	-127.377675	-1.458187
-0.007703	-1.014142	-101.289373	
0.71838	-11.911122	-127.377675	-1.458187
-0.007703	-0.402508	-78.380954	
0.85919	-11.911122	-127.377675	-1.458187
-0.007703	-0.278978	-67.826591	
1.00000	-11.911122	-127.377675	-1.458187
-0.007703	-1.062525	-58.175331	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.614102	86.579925	1.869913
0.006214	2.078566	174.112307	
0.57757	10.614102	86.579925	1.869913
0.006214	1.299555	144.335210	
0.71838	10.614102	86.579925	1.869913
0.006214	0.520555	122.770885	
0.85919	10.614102	86.579925	1.869913
0.006214	0.225788	117.068379	
1.00000	10.614102	86.579925	1.869913
0.006214	0.818438	122.240090	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-11.911122	-127.377675	-1.458187
-0.007703	-1.625645	-142.965498	
0.57757	-11.911122	-127.377675	-1.458187
-0.007703	-1.014142	-101.289373	
0.71838	-11.911122	-127.377675	-1.458187
-0.007703	-0.402508	-78.380954	
0.85919	-11.911122	-127.377675	-1.458187
-0.007703	-0.278978	-67.826591	
1.00000	-11.911122	-127.377675	-1.458187
-0.007703	-1.062525	-58.175331	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2720
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 249 ========== LENGTH = 2.977593

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.962063	57.998789	0.764088
7.26E-06	0.428073	1.835956	
0.14085	1.962063	57.998789	0.764088
7.26E-06	0.107710	2.968801	
0.28170	1.962063	57.998789	0.764088
7.26E-06	0.178845	9.721665	
0.42255	1.962063	57.998789	0.764088
7.26E-06	0.450473	17.241310	
0.56341	1.962063	57.998789	0.764088
7.26E-06	0.722101	24.895393	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.217734	-18.591593	-0.647661
-0.001346	-0.364410	-22.131544	
0.14085	-7.217734	-18.591593	-0.647661
-0.001346	-0.092786	-45.891952	
0.28170	-7.217734	-18.591593	-0.647661
-0.001346	-0.212922	-70.132220	
0.42255	-7.217734	-18.591593	-0.647661
-0.001346	-0.533308	-94.382804	
0.56341	-7.217734	-18.591593	-0.647661
-0.001346	-0.853756	-118.659555	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.696561	151.043340	1.210417
0.006018	0.704134	112.673576	
0.14085	2.696561	151.043340	1.210417
0.006018	0.197661	90.107278	
0.28170	2.696561	151.043340	1.210417
0.006018	0.249350	72.855782	
0.42255	2.696561	151.043340	1.210417
0.006018	0.627633	75.811580	
0.56341	2.696561	151.043340	1.210417
0.006018	1.005892	91.047614	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.235068	-41.764804	-0.901909
-0.007917	-0.507144	-12.771684	
0.14085	-15.235068	-41.764804	-0.901909
-0.007917	-0.137733	-43.688585	
0.28170	-15.235068	-41.764804	-0.901909
-0.007917	-0.331681	-75.431117	
0.42255	-15.235068	-41.764804	-0.901909
-0.007917	-0.827773	-111.735547	
0.56341	-15.235068	-41.764804	-0.901909
-0.007917	-1.326599	-168.862430	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.467656	126.605181	1.349567
0.004222	0.775138	106.240894	
0.14085	6.467656	126.605181	1.349567
0.004222	0.210003	111.426262	
0.28170	6.467656	126.605181	1.349567
0.004222	0.243624	121.971010	
0.42255	6.467656	126.605181	1.349567
0.004222	0.613286	146.594166	
0.56341	6.467656	126.605181	1.349567
0.004222	0.983040	179.636544	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.715282	-82.921517	-0.881419
-0.005708	-0.495524	-14.430625	
0.14085	-12.715282	-82.921517	-0.881419
-0.005708	-0.131752	-44.401417	
0.28170	-12.715282	-82.921517	-0.881419
-0.005708	-0.370999	-76.088616	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2721
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-12.715282	-82.921517	-0.881419
-0.005708	-0.929121	-110.850014	
0.56341	-12.715282	-82.921517	-0.881419
-0.005708	-1.489114	-159.739837	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.290048	112.624643	1.274363
0.004117	0.729972	91.976951	
0.14085	8.290048	112.624643	1.274363
0.004117	0.196188	93.682556	
0.28170	8.290048	112.624643	1.274363
0.004117	0.227209	103.608271	
0.42255	8.290048	112.624643	1.274363
0.004117	0.572706	126.108246	
0.56341	8.290048	112.624643	1.274363
0.004117	0.918277	155.766882	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.158828	-80.434618	-0.823789
-0.004741	-0.463625	-32.897166	
0.14085	-11.158828	-80.434618	-0.823789
-0.004741	-0.123012	-54.066937	
0.28170	-11.158828	-80.434618	-0.823789
-0.004741	-0.350667	-76.763811	
0.42255	-11.158828	-80.434618	-0.823789
-0.004741	-0.878611	-103.287353	
0.56341	-11.158828	-80.434618	-0.823789
-0.004741	-1.408091	-142.713693	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.196392	63.974005	0.442610
0.005031	0.270270	119.437345	
0.14085	2.196392	63.974005	0.442610
0.005031	0.085597	111.430416	
0.28170	2.196392	63.974005	0.442610
0.005031	0.052144	103.561865	
0.42255	2.196392	63.974005	0.442610
0.005031	0.131031	111.836037	
0.56341	2.196392	63.974005	0.442610
0.005031	0.209877	130.215883	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.875231	-48.290010	-0.187998
-0.005244	-0.105508	-2.936593	
0.14085	-5.875231	-48.290010	-0.187998
-0.005244	-0.034121	-2.960243	
0.28170	-5.875231	-48.290010	-0.187998
-0.005244	-0.118138	-3.474820	
0.42255	-5.875231	-48.290010	-0.187998
-0.005244	-0.294092	-7.713024	
0.56341	-5.875231	-48.290010	-0.187998
-0.005244	-0.472340	-29.316232	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.848896	66.822776	0.672467
0.005113	0.393871	121.336766	
0.14085	6.848896	66.822776	0.672467
0.005113	0.117258	123.724299	
0.28170	6.848896	66.822776	0.672467
0.005113	0.075444	130.075153	
0.42255	6.848896	66.822776	0.672467
0.005113	0.190170	152.063305	
0.56341	6.848896	66.822776	0.672467
0.005113	0.305008	183.616393	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.290730	-80.187017	-0.273575
-0.004881	-0.153831	-14.395587	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2722
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-5.290730	-80.187017	-0.273575
-0.004881	-0.045988	-13.989078	
0.28170	-5.290730	-80.187017	-0.273575
-0.004881	-0.181694	-14.145320	
0.42255	-5.290730	-80.187017	-0.273575
-0.004881	-0.454729	-19.501652	
0.56341	-5.290730	-80.187017	-0.273575
-0.004881	-0.729889	-42.595842	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.285027	114.451365	1.156524
0.003578	0.663510	114.748261	
0.14085	7.285027	114.451365	1.156524
0.003578	0.179248	107.270510	
0.28170	7.285027	114.451365	1.156524
0.003578	0.191773	119.989078	
0.42255	7.285027	114.451365	1.156524
0.003578	0.482975	146.024710	
0.56341	7.285027	114.451365	1.156524
0.003578	0.774221	179.212037	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.900276	-83.802676	-0.694210
-0.004541	-0.390283	-19.068638	
0.14085	-10.900276	-83.802676	-0.694210
-0.004541	-0.103905	-21.469687	
0.28170	-10.900276	-83.802676	-0.694210
-0.004541	-0.318010	-49.049492	
0.42255	-10.900276	-83.802676	-0.694210
-0.004541	-0.796609	-80.665415	
0.56341	-10.900276	-83.802676	-0.694210
-0.004541	-1.276790	-125.147823	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.340539	103.613315	1.125269
0.003724	0.644024	101.065249	
0.14085	8.340539	103.613315	1.125269
0.003724	0.172693	91.467144	
0.28170	8.340539	103.613315	1.125269
0.003724	0.185689	100.584710	
0.42255	8.340539	103.613315	1.125269
0.003724	0.466439	122.043585	
0.56341	8.340539	103.613315	1.125269
0.003724	0.747891	149.490570	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.787988	-77.289009	-0.670900
-0.003799	-0.377523	-38.334345	
0.14085	-9.787988	-77.289009	-0.670900
-0.003799	-0.100144	-37.566370	
0.28170	-9.787988	-77.289009	-0.670900
-0.003799	-0.309434	-57.789504	
0.42255	-9.787988	-77.289009	-0.670900
-0.003799	-0.775975	-81.110302	
0.56341	-9.787988	-77.289009	-0.670900
-0.003799	-1.243836	-114.984596	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.011405	13.077110	0.255470
0.001009	0.144192	10.564483	
0.14085	3.011405	13.077110	0.255470
0.001009	0.037803	5.873518	
0.28170	3.011405	13.077110	0.255470
0.001009	0.040734	2.690036	
0.42255	3.011405	13.077110	0.255470
0.001009	0.102973	2.376637	
0.56341	3.011405	13.077110	0.255470
0.001009	0.165211	0.063153	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2723
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.177699	-10.122826	-0.148400
-1.15E-05	-0.083744	-35.308980	
0.14085	-1.177699	-10.122826	-0.148400
-1.15E-05	-0.021510	-31.466535	
0.28170	-1.177699	-10.122826	-0.148400
-1.15E-05	-0.070105	-27.870706	
0.42255	-1.177699	-10.122826	-0.148400
-1.15E-05	-0.177249	-24.326463	
0.56341	-1.177699	-10.122826	-0.148400
-1.15E-05	-0.284383	-20.880963	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.977968	22.800033	0.442068
0.001861	0.249866	17.568749	
0.14085	6.977968	22.800033	0.442068
0.001861	0.064414	12.024672	
0.28170	6.977968	22.800033	0.442068
0.001861	0.068699	12.632470	
0.42255	6.977968	22.800033	0.442068
0.001861	0.174256	19.124455	
0.56341	6.977968	22.800033	0.442068
0.001861	0.279801	26.495608	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.927610	-29.858632	-0.251651
-0.000244	-0.142375	-53.441389	
0.14085	-1.927610	-29.858632	-0.251651
-0.000244	-0.037096	-45.995856	
0.28170	-1.927610	-29.858632	-0.251651
-0.000244	-0.121579	-39.608978	
0.42255	-1.927610	-29.858632	-0.251651
-0.000244	-0.306620	-35.589191	
0.56341	-1.927610	-29.858632	-0.251651
-0.000244	-0.491737	-34.293894	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.310821	25.436857	0.717336
0.001586	0.406716	76.069583	
0.14085	9.310821	25.436857	0.717336
0.001586	0.104825	76.069808	
0.28170	9.310821	25.436857	0.717336
0.001586	0.087190	98.734262	
0.42255	9.310821	25.436857	0.717336
0.001586	0.220492	126.571141	
0.56341	9.310821	25.436857	0.717336
0.001586	0.353854	155.336739	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.280027	-80.158975	-0.317749
-0.000321	-0.179100	-48.051343	
0.14085	-2.280027	-80.158975	-0.317749
-0.000321	-0.046168	-44.304761	
0.28170	-2.280027	-80.158975	-0.317749
-0.000321	-0.197216	-40.754250	
0.42255	-2.280027	-80.158975	-0.317749
-0.000321	-0.607485	-38.942607	
0.56341	-2.280027	-80.158975	-0.317749
-0.000321	-0.797883	-39.590319	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.306328	98.500321	1.022066
0.004445	0.588645	115.644536	
0.14085	8.306328	98.500321	1.022066
0.004445	0.160669	101.766538	
0.28170	8.306328	98.500321	1.022066
0.004445	0.155885	103.109868	
0.42255	8.306328	98.500321	1.022066
0.004445	0.392849	120.837532	
0.56341	8.306328	98.500321	1.022066
0.004445	0.629895	146.874401	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2724
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.835847	-74.651978	-0.565020
-0.004022	-0.317898	-43.957647	
0.14085	-8.835847	-74.651978	-0.565020
-0.004022	-0.085699	-38.231189	
0.28170	-8.835847	-74.651978	-0.565020
-0.004022	-0.279968	-48.741366	
0.42255	-8.835847	-74.651978	-0.565020
-0.004022	-0.702282	-66.081777	
0.56341	-8.835847	-74.651978	-0.565020
-0.004022	-1.126103	-95.897756	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.478460	53.071316	1.107715
4.29E-06	0.619377	1.988498	
0.14085	3.478460	53.071316	1.107715
4.29E-06	0.154438	3.010875	
0.28170	3.478460	53.071316	1.107715
4.29E-06	0.284128	10.443877	
0.42255	3.478460	53.071316	1.107715
4.29E-06	0.719075	20.271902	
0.56341	3.478460	53.071316	1.107715
4.29E-06	1.154178	30.207254	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.223429	-24.473046	-1.036897
-0.001401	-0.584274	-34.593332	
0.14085	-6.223429	-24.473046	-1.036897
-0.001401	-0.149505	-49.665258	
0.28170	-6.223429	-24.473046	-1.036897
-0.001401	-0.309861	-69.186199	
0.42255	-6.223429	-24.473046	-1.036897
-0.001401	-0.774414	-91.117645	
0.56341	-6.223429	-24.473046	-1.036897
-0.001401	-1.238937	-113.191297	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.033187	140.525582	1.731836
0.006014	0.998512	118.023401	
0.14085	4.033187	140.525582	1.731836
0.006014	0.274156	94.312443	
0.28170	4.033187	140.525582	1.731836
0.006014	0.400820	77.419341	
0.42255	4.033187	140.525582	1.731836
0.006014	1.013061	81.792577	
0.56341	4.033187	140.525582	1.731836
0.006014	1.625296	98.844970	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.571591	-47.461614	-1.458783
-0.008054	-0.824560	-27.608617	
0.14085	-14.571591	-47.461614	-1.458783
-0.008054	-0.231351	-46.919918	
0.28170	-14.571591	-47.461614	-1.458783
-0.008054	-0.476867	-71.613126	
0.42255	-14.571591	-47.461614	-1.458783
-0.008054	-1.193665	-104.072814	
0.56341	-14.571591	-47.461614	-1.458783
-0.008054	-1.911424	-160.428499	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.114576	120.302798	1.883993
0.004414	1.075698	116.825202	
0.14085	7.114576	120.302798	1.883993
0.004414	0.286021	117.221486	
0.28170	7.114576	120.302798	1.883993
0.004414	0.403987	124.021842	
0.42255	7.114576	120.302798	1.883993
0.004414	1.023101	146.458141	
0.56341	7.114576	120.302798	1.883993
0.004414	1.642049	178.091388	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2725
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.350655	-81.132623	-1.474255
-0.006012	-0.830943	-26.498075	
0.14085	-12.350655	-81.132623	-1.474255
-0.006012	-0.226040	-47.146542	
0.28170	-12.350655	-81.132623	-1.474255
-0.006012	-0.520316	-72.522093	
0.42255	-12.350655	-81.132623	-1.474255
-0.006012	-1.304063	-103.855745	
0.56341	-12.350655	-81.132623	-1.474255
-0.006012	-2.088341	-152.140762	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.863975	109.303360	1.795414
0.004238	1.022505	101.922330	
0.14085	8.863975	109.303360	1.795414
0.004238	0.270188	99.029883	
0.28170	8.863975	109.303360	1.795414
0.004238	0.374174	105.038575	
0.42255	8.863975	109.303360	1.795414
0.004238	0.950350	125.587701	
0.56341	8.863975	109.303360	1.795414
0.004238	1.526137	153.867197	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.982734	-79.069640	-1.371247
-0.004995	-0.773236	-43.192213	
0.14085	-10.982734	-79.069640	-1.371247
-0.004995	-0.209050	-56.383454	
0.28170	-10.982734	-79.069640	-1.371247
-0.004995	-0.495855	-76.532269	
0.42255	-10.982734	-79.069640	-1.371247
-0.004995	-1.243652	-102.343751	
0.56341	-10.982734	-79.069640	-1.371247
-0.004995	-1.991815	-142.437901	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.746522	53.484321	0.580651
0.004214	0.346548	116.994315	
0.14085	1.746522	53.484321	0.580651
0.004214	0.104176	112.149866	
0.28170	1.746522	53.484321	0.580651
0.004214	0.094453	107.575935	
0.42255	1.746522	53.484321	0.580651
0.004214	0.237020	115.919880	
0.56341	1.746522	53.484321	0.580651
0.004214	0.380093	133.115580	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.908509	-45.839796	-0.340500
-0.004486	-0.192781	-3.533047	
0.14085	-5.908509	-45.839796	-0.340500
-0.004486	-0.063098	-3.112647	
0.28170	-5.908509	-45.839796	-0.340500
-0.004486	-0.156355	-3.142214	
0.42255	-5.908509	-45.839796	-0.340500
-0.004486	-0.393120	-6.874080	
0.56341	-5.908509	-45.839796	-0.340500
-0.004486	-0.630612	-27.409557	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.129533	59.896064	0.889199
0.004413	0.517988	122.257660	
0.14085	6.129533	59.896064	0.889199
0.004413	0.145845	125.184102	
0.28170	6.129533	59.896064	0.889199
0.004413	0.139470	131.558938	
0.42255	6.129533	59.896064	0.889199
0.004413	0.353778	151.203001	
0.56341	6.129533	59.896064	0.889199
0.004413	0.568476	179.468742	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2726
< MOVING LOAD >

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F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -5.503432  -72.896505   -0.510618
-0.004281   -0.288577  -13.924437
0.14085   -5.503432  -72.896505   -0.510618
-0.004281   -0.288653  -13.854772
0.28170   -5.503432  -72.896505   -0.510618
-0.004281   -0.242251  -15.532979
0.42255   -5.503432  -72.896505   -0.510618
-0.004281   -0.609511  -21.344022
0.56341   -5.503432  -72.896505   -0.510618
-0.004281   -0.976829  -43.447433

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.105924   102.173964    1.614183
 0.002850   0.917746   116.478026
0.14085    7.105924   102.173964    1.614183
 0.002850   0.240527   108.293476
0.28170    7.105924   102.173964    1.614183
 0.002850   0.322856   122.313718
0.42255    7.105924   102.173964    1.614183
 0.002850   0.817241   148.260677
0.56341    7.105924   102.173964    1.614183
 0.002850   1.312039   180.164747

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.399999   -80.985073   -1.177639
-0.003883   -0.662949   -20.569671
0.14085   -10.399999   -80.985073   -1.177639
-0.003883   -0.177057   -20.781844
0.28170   -10.399999   -80.985073   -1.177639
-0.003883   -0.445321   -45.051574
0.42255   -10.399999   -80.985073   -1.177639
-0.003883   -1.119925   -74.528808
0.56341   -10.399999   -80.985073   -1.177639
-0.003883   -1.792344  -114.887027

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.075555    95.883959    1.580951
 0.003119   0.897360   104.869337
0.14085    8.075555    95.883959    1.580951
 0.003119   0.234504    93.758328
0.28170    8.075555    95.883959    1.580951
 0.003119   0.304584   102.650155
0.42255    8.075555    95.883959    1.580951
 0.003119   0.772505   123.991655
0.56341    8.075555    95.883959    1.580951
 0.003119   1.241108   150.276984

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -9.701502   -75.728708   -1.114638
-0.003250   -0.626959   -41.748907
0.14085   -9.701502   -75.728708   -1.114638
-0.003250   -0.165855   -36.847889
0.28170   -9.701502   -75.728708   -1.114638
-0.003250   -0.435673   -57.409220
0.42255   -9.701502   -75.728708   -1.114638
-0.003250   -1.095889   -81.522042
0.56341   -9.701502   -75.728708   -1.114638
-0.003250   -1.755984  -115.091367

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.834155    17.248890    0.371110
 0.001047   0.209475   14.981990
0.14085    2.834155    17.248890    0.371110
 0.001047   0.154432    8.505031
0.28170    2.834155    17.248890    0.371110
 0.001047   0.053711    3.317960
0.42255    2.834155    17.248890    0.371110
 0.001047   0.137109    2.897827
0.56341    2.834155    17.248890    0.371110
 0.001047   0.221233    3.406827
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2727

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -2.196253   -11.310376   -0.199020
-8.86E-06   -0.110780   -39.895177
0.14085   -2.196253   -11.310376   -0.199020
-8.86E-06   -0.027395   -35.812420
0.28170   -2.196253   -11.310376   -0.199020
-8.86E-06   -0.101356   -32.369735
0.42255   -2.196253   -11.310376   -0.199020
-8.86E-06   -0.256855   -33.046805
0.56341   -2.196253   -11.310376   -0.199020
-8.86E-06   -0.412631   -34.240184

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.042418    28.250108    0.651977
 0.001762   0.367131   21.703267
0.14085    7.042418    28.250108    0.651977
 0.001762   0.094412   14.178646
0.28170    7.042418    28.250108    0.651977
 0.001762   0.102633   13.217618
0.42255    7.042418    28.250108    0.651977
 0.001762   0.263434   19.228568
0.56341    7.042418    28.250108    0.651977
 0.001762   0.425030   26.543441

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -2.900538   -30.742393   -0.383410
-0.000168   -0.215710   -58.194934
0.14085   -2.900538   -30.742393   -0.383410
-0.000168   -0.085159   -53.485439
0.28170   -2.900538   -30.742393   -0.383410
-0.000168   -0.179113   -46.747055
0.42255   -2.900538   -30.742393   -0.383410
-0.000168   -0.452615   -48.467113
0.56341   -2.900538   -30.742393   -0.383410
-0.000168   -0.726084   -51.567655

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.504795    27.631954    0.974921
 0.001305   0.547797   66.253496
0.14085    8.504795    27.631954    0.974921
 0.001305   0.138916   80.760795
0.28170    8.504795    27.631954    0.974921
 0.001305   0.144353   99.998731
0.42255    8.504795    27.631954    0.974921
 0.001305   0.368636   125.056815
0.56341    8.504795    27.631954    0.974921
 0.001305   0.593655   150.972634

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -3.253038   -74.443146   -0.534192
-7.50E-06   -0.298593   -52.307669
0.14085   -3.253038   -74.443146   -0.534192
-7.50E-06   -0.074314   -48.236855
0.28170   -3.253038   -74.443146   -0.534192
-7.50E-06   -0.268277   -46.475262
0.42255   -3.253038   -74.443146   -0.534192
-7.50E-06   -0.677584   -49.407827
0.56341   -3.253038   -74.443146   -0.534192
-7.50E-06   -1.086860   -53.061035

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.781392    90.041044    1.428680
 0.003461   0.813854   118.740163
0.14085    7.781392    90.041044    1.428680
 0.003461   0.215272   105.360910
0.28170    7.781392    90.041044    1.428680
 0.003461   0.254749   107.273280
0.42255    7.781392    90.041044    1.428680
 0.003461   0.646305   125.365204
0.56341    7.781392    90.041044    1.428680
 0.003461   1.038519   150.100953
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2728

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -9.353655   -73.034448   -0.932666
-0.003146   -0.524206   -48.581934
0.14085   -9.353655   -73.034448   -0.932666
-0.003146   -0.140057   -51.992470
0.28170   -9.353655   -73.034448   -0.932666
-0.003146   -0.392279   -51.113475
0.42255   -9.353655   -73.034448   -0.932666
-0.003146   -0.988127   -70.626596
0.56341   -9.353655   -73.034448   -0.932666
-0.003146   -1.584159  -100.540539

COMB      DB ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.310821   151.043340    1.349567
 0.006018   0.775138   121.336766
0.14085    9.310821   151.043340    1.349567
 0.006018   0.210003   123.724299
0.28170    9.310821   151.043340    1.349567
 0.006018   0.249350   130.075153
0.42255    9.310821   151.043340    1.349567
 0.006018   0.627633   152.063305
0.56341    9.310821   151.043340    1.349567
 0.006018   1.005892   183.616393

COMB      DB ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -15.235068   -83.802676   -0.901909
-0.007917   -0.507144   -53.441389
0.14085  -15.235068   -83.802676   -0.901909
-0.007917   -0.137733   -54.066937
0.28170  -15.235068   -83.802676   -0.901909
-0.007917   -0.370999   -76.763811
0.42255  -15.235068   -83.802676   -0.901909
-0.007917   -0.929121  -111.735547
0.56341  -15.235068   -83.802676   -0.901909
-0.007917   -1.489114  -168.862430

COMB      DL ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.863975   140.525582    1.883993
 0.006014   1.075698   122.257660
0.14085    8.863975   140.525582    1.883993
 0.006014   0.286021   125.184102
0.28170    8.863975   140.525582    1.883993
 0.006014   0.403987   131.558938
0.42255    8.863975   140.525582    1.883993
 0.006014   1.023101   151.203001
0.56341    8.863975   140.525582    1.883993
 0.006014   1.642049   180.164747

COMB      DL ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -14.571591   -81.132623   -1.474255
-0.008054   -0.830943   -58.194934
0.14085  -14.571591   -81.132623   -1.474255
-0.008054   -0.231351   -56.841854
0.28170  -14.571591   -81.132623   -1.474255
-0.008054   -0.520316   -76.532269
0.42255  -14.571591   -81.132623   -1.474255
-0.008054   -1.304063  -104.072814
0.56341  -14.571591   -81.132623   -1.474255
-0.008054   -2.088341  -160.428499

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.310821   151.043340    1.883993
 0.006018   1.075698   122.257660
0.14085    9.310821   151.043340    1.883993
 0.006018   0.286021   125.184102
0.28170    9.310821   151.043340    1.883993
 0.006018   0.403987   131.558938
0.42255    9.310821   151.043340    1.883993
 0.006018   1.023101   152.063305
0.56341    9.310821   151.043340    1.883993
 0.006018   1.642049   183.616393
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2729

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -15.235068   -83.802676   -1.474255
-0.008054   -0.830943   -58.194934
0.14085  -15.235068   -83.802676   -1.474255
-0.008054   -0.231351   -56.841854
0.28170  -15.235068   -83.802676   -1.474255
-0.008054   -0.520316   -76.763811
0.42255  -15.235068   -83.802676   -1.474255
-0.008054   -1.304063  -111.735547
0.56341  -15.235068   -83.802676   -1.474255
-0.008054   -2.088341  -168.862430

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.310821   151.043340    1.883993
 0.006018   1.075698   122.257660
0.14085    9.310821   151.043340    1.883993
 0.006018   0.286021   125.184102
0.28170    9.310821   151.043340    1.883993
 0.006018   0.403987   131.558938
0.42255    9.310821   151.043340    1.883993
 0.006018   1.023101   152.063305
0.56341    9.310821   151.043340    1.883993
 0.006018   1.642049   183.616393

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -15.235068   -83.802676   -1.474255
-0.008054   -0.830943   -58.194934
0.14085  -15.235068   -83.802676   -1.474255
-0.008054   -0.231351   -56.841854
0.28170  -15.235068   -83.802676   -1.474255
-0.008054   -0.520316   -76.763811
0.42255  -15.235068   -83.802676   -1.474255
-0.008054   -1.304063  -111.735547
0.56341  -15.235068   -83.802676   -1.474255
-0.008054   -2.088341  -168.862430

ELEM      250 ========== LENGTH =     2.977542

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    7.607177   37.492161    0.796304
 1.67E-05   0.888851   45.287403
0.57745    7.607177   37.492161    0.796304
 1.67E-05   0.554893   29.631769
0.71830    7.607177   37.492161    0.796304
 1.67E-05   0.220943   14.052177
0.85915    7.607177   37.492161    0.796304
 1.67E-05   0.088498    1.351307
1.00000    7.607177   37.492161    0.796304
 1.67E-05   0.355215    1.407450

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -1.380555   -32.457520   -0.635968
-0.001460   -0.711670   -62.552957
0.57745   -1.380555   -32.457520   -0.635968
-0.001460   -0.444957   -49.040881
0.71830   -1.380555   -32.457520   -0.635968
-0.001460   -0.178246   -35.644306
0.85915   -1.380555   -32.457520   -0.635968
-0.001460   -0.112989   -22.828992
1.00000   -1.380555   -32.457520   -0.635968
-0.001460   -0.447005   -19.183089

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    7.779292   64.131437    1.220456
 0.005747   1.366078   115.871232
0.57745    7.779292   64.131437    1.220456
 0.005747   0.854254   90.591600
0.71830    7.779292   64.131437    1.220456
 0.005747   0.342520   76.405867
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2730

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.85915    7.779292   64.131437    1.220456
 0.005747   0.153786   82.390418
1.00000    7.779292   64.131437    1.220456
 0.005747   0.511482  100.528450

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -16.620326  -115.873625   -0.897212
-0.007573   -1.003182  -107.003243
0.57745  -16.620326  -115.873625   -0.897212
-0.007573   -0.626920   -64.965380
0.71830  -16.620326  -115.873625   -0.897212
-0.007573   -0.250662   -44.463290
0.85915  -16.620326  -115.873625   -0.897212
-0.007573   -0.192072   -28.642440
1.00000  -16.620326  -115.873625   -0.897212
-0.007573   -0.701750   -13.903490

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    9.140209   71.692141    1.364866
 0.004489   1.531677   119.651379
0.57745    9.140209   71.692141    1.364866
 0.004489   0.959281   95.341002
0.71830    9.140209   71.692141    1.364866
 0.004489   0.387091   78.817883
0.85915    9.140209   71.692141    1.364866
 0.004489   0.157779   76.715079
1.00000    9.140209   71.692141    1.364866
 0.004489   0.557098   87.996266

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -13.375505  -124.029602   -0.981757
-0.005491   -1.049355  -111.300364
0.57745  -13.375505  -124.029602   -0.981757
-0.005491   -0.684620   -87.745203
0.71830  -13.375505  -124.029602   -0.981757
-0.005491   -0.272823   -55.304327
0.85915  -13.375505  -124.029602   -0.981757
-0.005491   -0.201188   -25.361276
1.00000  -13.375505  -124.029602   -0.981757
-0.005491   -0.772037   -15.747070

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   14.487087   72.504706    1.294318
 0.004207   1.452392  124.113750
0.57745   14.487087   72.504706    1.294318
 0.004207   0.909581   98.495939
0.71830   14.487087   72.504706    1.294318
 0.004207   0.366935   79.398131
0.85915   14.487087   72.504706    1.294318
 0.004207   0.149153   72.420691
1.00000   14.487087   72.504706    1.294318
 0.004207   0.533552   77.009487

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -12.817665  -107.207834   -0.941130
-0.004562   -1.050688  -132.900341
0.57745  -12.817665  -107.207834   -0.941130
-0.004562   -0.655984   -92.370468
0.71830  -12.817665  -107.207834   -0.941130
-0.004562   -0.261164   -64.411904
0.85915  -12.817665  -107.207834   -0.941130
-0.004562   -0.189695   -38.947454
1.00000  -12.817665  -107.207834   -0.941130
-0.004562   -0.730591   -30.672468

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    0.431145   13.673691    0.418013
 0.005061   0.471957   40.435876
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2731

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.57745    0.431145   13.673691    0.418013
 0.005061   0.296660   37.813871
0.71830    0.431145   13.673691    0.418013
 0.005061   0.121468   44.873477
0.85915    0.431145   13.673691    0.418013
 0.005061   0.059562   69.496195
1.00000    0.431145   13.673691    0.418013
 0.005061   0.145107  102.705617

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -13.969907   -92.714241   -0.241282
-0.005001   -0.267635   -56.905274
0.57745  -13.969907   -92.714241   -0.241282
-0.005001   -0.166482   -23.600980
0.71830  -13.969907   -92.714241   -0.241282
-0.005001   -0.065347    -8.495350
0.85915  -13.969907   -92.714241   -0.241282
-0.005001   -0.073146    -2.798197
1.00000  -13.969907   -92.714241   -0.241282
-0.005001   -0.246477    -2.329496

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    8.051324   30.396965    0.660868
 0.005347   0.747645   58.753450
0.57745    8.051324   30.396965    0.660868
 0.005347   0.470498   52.379022
0.71830    8.051324   30.396965    0.660868
 0.005347   0.193560   54.980807
0.85915    8.051324   30.396965    0.660868
 0.005347   0.082419   74.047858
1.00000    8.051324   30.396965    0.660868
 0.005347   0.242640  100.852789

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -11.425911  -107.723597   -0.416145
-0.004655   -0.462947   -92.632175
0.57745  -11.425911  -107.723597   -0.416145
-0.004655   -0.288422   -53.307273
0.71830  -11.425911  -107.723597   -0.416145
-0.004655   -0.113792   -30.913339
0.85915  -11.425911  -107.723597   -0.416145
-0.004655   -0.102817   -11.814242
1.00000  -11.425911  -107.723597   -0.416145
-0.004655   -0.377134   -14.811378

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   10.413208   78.933422    1.168703
 0.003977   1.314675  152.745465
0.57745   10.413208   78.933422    1.168703
 0.003977   0.824545  125.090181
0.71830   10.413208   78.933422    1.168703
 0.003977   0.334594  104.171593
0.85915   10.413208   78.933422    1.168703
 0.003977   0.131522   95.252596
1.00000   10.413208   78.933422    1.168703
 0.003977   0.463928   93.508384

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -17.344886  -107.301754   -0.816615
-0.004133   -0.911316  -118.607843
0.57745  -17.344886  -107.301754   -0.816615
-0.004133   -0.568839   -77.974787
0.71830  -17.344886  -107.301754   -0.816615
-0.004133   -0.226258   -49.681858
0.85915  -17.344886  -107.301754   -0.816615
-0.004133   -0.169326   -24.723961
1.00000  -17.344886  -107.301754   -0.816615
-0.004133   -0.657371   -19.998586
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   2732

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   11.300817   77.839606    1.135933
 0.003783   1.276045  153.053616
0.57745   11.300817   77.839606    1.135933
 0.003783   0.799658  125.230809
0.71830   11.300817   77.839606    1.135933
 0.003783   0.323425  102.804276
0.85915   11.300817   77.839606    1.135933
 0.003783   0.127457   90.392909
1.00000   11.300817   77.839606    1.135933
 0.003783   0.454943   83.839097

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660  -16.634132   -91.618024   -0.800925
-0.003459   -0.893084   -117.201614
0.57745  -16.634132   -91.618024   -0.800925
-0.003459   -0.557180   -82.508389
0.71830  -16.634132   -91.618024   -0.800925
-0.003459   -0.221122   -58.169830
0.85915  -16.634132   -91.618024   -0.800925
-0.003459   -0.164314   -36.377635
1.00000  -16.634132   -91.618024   -0.800925
-0.003459   -0.639146   -31.850494

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660    1.237981   18.133186    0.257512
 0.000691   0.287496   41.529270
0.57745    1.237981   18.133186    0.257512
 0.000691   0.179500   33.940995
0.71830    1.237981   18.133186    0.257512
 0.000691   0.071491   26.391472
0.85915    1.237981   18.133186    0.257512
 0.000691   0.027728   18.377877
1.00000    1.237981   18.133186    0.257512
 0.000691   0.104558   11.651433

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -4.048415   -3.404560   -0.183107
-6.68E-06   -0.202632   -27.387732
0.57745   -4.048415   -3.404560   -0.183107
-6.68E-06   -0.125839   -26.031601
0.71830   -4.048415   -3.404560   -0.183107
-6.68E-06   -0.048963   -24.675451
0.85915   -4.048415   -3.404560   -0.183107
-6.68E-06   -0.036499   -23.436882
1.00000   -4.048415   -3.404560   -0.183107
-6.68E-06   -0.144516   -22.188440

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43660   12.165393   33.809986    0.457366
 0.001441   0.513425   67.805817
0.57745   12.165393   33.809986    0.457366
 0.001441   0.321613   53.839561
0.71830   12.165393   33.809986    0.457366
 0.001441   0.129835   40.410635
0.85915   12.165393   33.809986    0.457366
 0.001441   0.050222   28.443783
1.00000   12.165393   33.809986    0.457366
 0.001441   0.190543   17.728829

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43660   -5.770276   -14.180369   -0.335787
-0.000193   -0.373057   -55.753918
0.57745   -5.770276   -14.180369   -0.335787
-0.000193   -0.232231   -50.727740
0.71830   -5.770276   -14.180369   -0.335787
-0.000193   -0.091294   -46.885389
0.85915   -5.770276   -14.180369   -0.335787
-0.000193   -0.063814   -43.734864
1.00000   -5.770276   -14.180369   -0.335787
-0.000193   -0.254482   -41.278046
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.439514	40.753104	0.723401
0.001868	0.815029	78.063439	
0.57745	8.439514	40.753104	0.723401
0.001868	0.511646	66.190269	
0.71830	8.439514	40.753104	0.723401
0.001868	0.208401	55.353009	
0.85915	8.439514	40.753104	0.723401
0.001868	0.074070	46.987200	
1.00000	8.439514	40.753104	0.723401
0.001868	0.277870	45.954760	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.197630	-57.933498	-0.487793
-0.000306	-0.541008	-95.425498	
0.57745	-8.197630	-57.933498	-0.487793
-0.000306	-0.336436	-72.291307	
0.71830	-8.197630	-57.933498	-0.487793
-0.000306	-0.131735	-50.934841	
0.85915	-8.197630	-57.933498	-0.487793
-0.000306	-0.097385	-33.031278	
1.00000	-8.197630	-57.933498	-0.487793
-0.000306	-0.399804	-35.157926	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.737351	72.340438	1.023944
0.004380	1.151405	151.811997	
0.57745	8.737351	72.340438	1.023944
0.004380	0.721986	126.252751	
0.71830	8.737351	72.340438	1.023944
0.004380	0.292706	107.004137	
0.85915	8.737351	72.340438	1.023944
0.004380	0.116410	99.384801	
1.00000	8.737351	72.340438	1.023944
0.004380	0.400084	97.644028	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-18.658535	-90.399947	-0.699989
-0.003645	-0.779419	-110.227805	
0.57745	-18.658535	-90.399947	-0.699989
-0.003645	-0.485851	-76.501483	
0.71830	-18.658535	-90.399947	-0.699989
-0.003645	-0.192172	-54.849458	
0.85915	-18.658535	-90.399947	-0.699989
-0.003645	-0.150114	-35.724407	
1.00000	-18.658535	-90.399947	-0.699989
-0.003645	-0.577629	-33.434776	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	16.036307	31.637660	1.223965
1.24E-05	0.744898	3.644896	
0.57745	16.036307	31.637660	1.223965
1.24E-05	0.850580	24.507412	
0.71830	16.036307	31.637660	1.223965
1.24E-05	0.337326	11.800553	
0.85915	16.036307	31.637660	1.223965
1.24E-05	0.139588	1.554134	
1.00000	16.036307	31.637660	1.223965
1.24E-05	0.578309	1.475111	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.239342	-46.369960	-1.046838
-0.001530	-1.176651	-96.090427	
0.57745	-2.239342	-46.369960	-1.046838
-0.001530	-0.737483	-76.855137	
0.71830	-2.239342	-46.369960	-1.046838
-0.001530	-0.298346	-57.897284	
0.85915	-2.239342	-46.369960	-1.046838
-0.001530	-0.175926	-40.760082	
1.00000	-2.239342	-46.369960	-1.046838
-0.001530	-0.689377	-32.299060	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	15.731341	54.919307	1.822400
0.006023	2.034196	102.890001	
0.57745	15.731341	54.919307	1.822400
0.006023	1.277113	82.056779	
0.71830	15.731341	54.919307	1.822400
0.006023	0.509600	73.538357	
0.85915	15.731341	54.919307	1.822400
0.006023	0.251099	83.863342	
1.00000	15.731341	54.919307	1.822400
0.006023	0.907487	104.481625	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-18.168574	-128.630011	-1.588238
-0.007570	-1.770292	-146.476346	
0.57745	-18.168574	-128.630011	-1.588238
-0.007570	-1.105205	-94.683480	
0.71830	-18.168574	-128.630011	-1.588238
-0.007570	-0.441748	-66.654315	
0.85915	-18.168574	-128.630011	-1.588238
-0.007570	-0.280592	-44.203953	
1.00000	-18.168574	-128.630011	-1.588238
-0.007570	-1.043993	-27.327634	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	16.357109	66.967969	2.001317
0.004780	2.240290	122.043613	
0.57745	16.357109	66.967969	2.001317
0.004780	1.401602	97.563997	
0.71830	16.357109	66.967969	2.001317
0.004780	0.564019	82.183668	
0.85915	16.357109	66.967969	2.001317
0.004780	0.257587	81.042270	
1.00000	16.357109	66.967969	2.001317
0.004780	0.964142	95.765165	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-16.019189	-130.080810	-1.701387
-0.005683	-1.897766	-160.481237	
0.57745	-16.019189	-130.080810	-1.701387
-0.005683	-1.184684	-107.595679	
0.71830	-16.019189	-130.080810	-1.701387
-0.005683	-0.472591	-71.998246	
0.85915	-16.019189	-130.080810	-1.701387
-0.005683	-0.292372	-40.275872	
1.00000	-16.019189	-130.080810	-1.701387
-0.005683	-1.131704	-27.194866	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	20.616035	73.586265	1.932081
0.004455	2.161974	134.136451	
0.57745	20.616035	73.586265	1.932081
0.004455	1.352098	106.469378	
0.71830	20.616035	73.586265	1.932081
0.004455	0.543268	86.442157	
0.85915	20.616035	73.586265	1.932081
0.004455	0.243031	78.478176	
1.00000	20.616035	73.586265	1.932081
0.004455	0.916291	84.320059	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-15.877026	-111.778664	-1.620170
-0.004722	-1.807156	-152.920646	
0.57745	-15.877026	-111.778664	-1.620170
-0.004722	-1.127933	-107.649188	
0.71830	-15.877026	-111.778664	-1.620170
-0.004722	-0.449725	-76.894676	
0.85915	-15.877026	-111.778664	-1.620170
-0.004722	-0.281272	-50.027706	
1.00000	-15.877026	-111.778664	-1.620170
-0.004722	-1.090928	-39.485248	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.409675	14.059683	0.556834
0.004446	0.626917	45.293517	
0.57745	0.409675	14.059683	0.556834
0.004446	0.394196	42.191717	
0.71830	0.409675	14.059683	0.556834
0.004446	0.162638	48.287460	
0.85915	0.409675	14.059683	0.556834
0.004446	0.096682	70.410855	
1.00000	0.409675	14.059683	0.556834
0.004446	0.295558	98.000646	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-16.242395	-80.482994	-0.490932
-0.004142	-0.537372	-55.008421	
0.57745	-16.242395	-80.482994	-0.490932
-0.004142	-0.332388	-23.043382	
0.71830	-16.242395	-80.482994	-0.490932
-0.004142	-0.126686	-8.337698	
0.85915	-16.242395	-80.482994	-0.490932
-0.004142	-0.086981	-3.037755	
1.00000	-16.242395	-80.482994	-0.490932
-0.004142	-0.321809	-2.670762	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.734646	37.021961	0.926442
0.004844	1.042192	80.327484	
0.57745	7.734646	37.021961	0.926442
0.004844	0.654331	68.733482	
0.71830	7.734646	37.021961	0.926442
0.004844	0.267194	65.875246	
0.85915	7.734646	37.021961	0.926442
0.004844	0.130885	77.090040	
1.00000	7.734646	37.021961	0.926442
0.004844	0.440712	99.150454	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-13.867355	-91.860232	-0.755490
-0.003953	-0.834297	-83.439865	
0.57745	-13.867355	-91.860232	-0.755490
-0.003953	-0.518040	-46.676507	
0.71830	-13.867355	-91.860232	-0.755490
-0.003953	-0.203017	-26.426816	
0.85915	-13.867355	-91.860232	-0.755490
-0.003953	-0.138031	-10.997583	
1.00000	-13.867355	-91.860232	-0.755490
-0.003953	-0.525721	-13.996257	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.562874	78.648421	1.702190
0.003375	1.810847	161.174640	
0.57745	12.562874	78.648421	1.702190
0.003375	1.197191	131.525262	
0.71830	12.562874	78.648421	1.702190
0.003375	0.484000	107.831109	
0.85915	12.562874	78.648421	1.702190
0.003375	0.217793	94.139683	
1.00000	12.562874	78.648421	1.702190
0.003375	0.818625	91.105478	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-19.151105	-100.338736	-1.443977
-0.003433	-1.607588	-124.081223	
0.57745	-19.151105	-100.338736	-1.443977
-0.003433	-1.002165	-83.458245	
0.71830	-19.151105	-100.338736	-1.443977
-0.003433	-0.397564	-53.808376	
0.85915	-19.151105	-100.338736	-1.443977
-0.003433	-0.239955	-28.558593	
1.00000	-19.151105	-100.338736	-1.443977
-0.003433	-0.953872	-20.899793	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.179529	82.605224	1.675710
0.003290	1.880970	169.451410	
0.57745	13.179529	82.605224	1.675710
0.003290	1.178274	137.789788	
0.71830	13.179529	82.605224	1.675710
0.003290	0.476273	111.117021	
0.85915	13.179529	82.605224	1.675710
0.003290	0.211833	92.882382	
1.00000	13.179529	82.605224	1.675710
0.003290	0.800138	83.764348	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-19.721835	-85.872681	-1.413045
-0.002874	-1.572386	-121.661755	
0.57745	-19.721835	-85.872681	-1.413045
-0.002874	-0.979519	-87.001850	
0.71830	-19.721835	-85.872681	-1.413045
-0.002874	-0.387904	-61.577842	
0.85915	-19.721835	-85.872681	-1.413045
-0.002874	-0.234986	-39.743356	
1.00000	-19.721835	-85.872681	-1.413045
-0.002874	-0.937398	-32.996349	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.820270	25.319063	0.388638
0.000701	0.437806	55.921896	
0.57745	1.820270	25.319063	0.388638
0.000701	0.274690	45.592944	
0.71830	1.820270	25.319063	0.388638
0.000701	0.111867	35.422964	
0.85915	1.820270	25.319063	0.388638
0.000701	0.049966	25.567339	
1.00000	1.820270	25.319063	0.388638
0.000701	0.188417	16.015047	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.434074	-4.307392	-0.331358
-3.90E-06	-0.365836	-28.097360	
0.57745	-8.434074	-4.307392	-0.331358
-3.90E-06	-0.226286	-26.599245	
0.71830	-8.434074	-4.307392	-0.331358
-3.90E-06	-0.087552	-25.308008	
0.85915	-8.434074	-4.307392	-0.331358
-3.90E-06	-0.048241	-24.346218	
1.00000	-8.434074	-4.307392	-0.331358
-3.90E-06	-0.213793	-23.621432	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.924493	47.251431	0.728614
0.001415	0.817245	92.846664	
0.57745	12.924493	47.251431	0.728614
0.001415	0.511566	73.614281	
0.71830	12.924493	47.251431	0.728614
0.001415	0.205921	54.936915	
0.85915	12.924493	47.251431	0.728614
0.001415	0.085036	37.522175	
1.00000	12.924493	47.251431	0.728614
0.001415	0.327897	21.848359	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.368417	-13.691814	-0.581473
-0.000123	-0.645395	-53.989550	
0.57745	-10.368417	-13.691814	-0.581473
-0.000123	-0.400747	-48.999736	
0.71830	-10.368417	-13.691814	-0.581473
-0.000123	-0.157343	-45.004443	
0.85915	-10.368417	-13.691814	-0.581473
-0.000123	-0.100717	-42.736070	
1.00000	-10.368417	-13.691814	-0.581473
-0.000123	-0.404807	-42.271782	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.883129	53.818390	1.043595
0.001522	1.176865	110.913497	
0.57745	8.883129	53.818390	1.043595
0.001522	0.738851	91.219089	
0.71830	8.883129	53.818390	1.043595
0.001522	0.300888	72.437636	
0.85915	8.883129	53.818390	1.043595
0.001522	0.123371	56.829324	
1.00000	8.883129	53.818390	1.043595
0.001522	0.476733	51.272034	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-14.225198	-47.784167	-0.844897
-5.32E-06	-0.936893	-84.278324	
0.57745	-14.225198	-47.784167	-0.844897
-5.32E-06	-0.581541	-65.284352	
0.71830	-14.225198	-47.784167	-0.844897
-5.32E-06	-0.227431	-47.127598	
0.85915	-14.225198	-47.784167	-0.844897
-5.32E-06	-0.135755	-33.581960	
1.00000	-14.225198	-47.784167	-0.844897
-5.32E-06	-0.573011	-36.346014	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.787571	80.486461	1.494472
0.003611	1.680396	175.175855	
0.57745	9.787571	80.486461	1.494472
0.003611	1.053893	144.589668	
0.71830	9.787571	80.486461	1.494472
0.003611	0.427950	119.558378	
0.85915	9.787571	80.486461	1.494472
0.003611	0.196144	104.150618	
1.00000	9.787571	80.486461	1.494472
0.003611	0.722519	97.277612	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-23.776223	-79.888211	-1.266363
-0.002741	-1.404407	-108.630049	
0.57745	-23.776223	-79.888211	-1.266363
-0.002741	-0.827895	-76.728611	
0.71830	-23.776223	-79.888211	-1.266363
-0.002741	-0.342966	-55.060000	
0.85915	-23.776223	-79.888211	-1.266363
-0.002741	-0.208472	-38.202594	
1.00000	-23.776223	-79.888211	-1.266363
-0.002741	-0.834542	-35.198854	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	14.487087	78.933422	1.364866
0.005747	1.763177	169.536616	
0.57745	14.487087	78.933422	1.364866
0.005747	0.959281	126.252751	
0.71830	14.487087	78.933422	1.364866
0.005747	0.387091	107.004137	
0.85915	14.487087	78.933422	1.364866
0.005747	0.157779	99.384801	
1.00000	14.487087	78.933422	1.364866
0.005747	0.557098	102.705617	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-18.658535	-124.029602	-0.981757
-0.007573	-1.096355	-135.005364	
0.57745	-18.658535	-124.029602	-0.981757
-0.007573	-0.684620	-92.370468	
0.71830	-18.658535	-124.029602	-0.981757
-0.007573	-0.272823	-64.411904	
0.85915	-18.658535	-124.029602	-0.981757
-0.007573	-0.201188	-43.734864	
1.00000	-18.658535	-124.029602	-0.981757
-0.007573	-0.772037	-41.278046	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	20.616035	82.605224	2.001317
0.006023	2.240290	175.175855	
0.57745	20.616035	82.605224	2.001317
0.006023	1.401602	144.589668	
0.71830	20.616035	82.605224	2.001317
0.006023	0.564019	119.558378	
0.85915	20.616035	82.605224	2.001317
0.006023	0.257587	104.150618	
1.00000	20.616035	82.605224	2.001317
0.006023	0.964142	104.481625	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-23.776223	-130.080810	-1.701387
-0.007570	-1.897766	-160.481237	
0.57745	-23.776223	-130.080810	-1.701387
-0.007570	-1.184684	-107.649188	
0.71830	-23.776223	-130.080810	-1.701387
-0.007570	-0.472591	-76.894676	
0.85915	-23.776223	-130.080810	-1.701387
-0.007570	-0.292372	-50.027706	
1.00000	-23.776223	-130.080810	-1.701387
-0.007570	-1.131704	-42.271782	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	20.616035	82.605224	2.001317
0.006023	2.240290	175.175855	
0.57745	20.616035	82.605224	2.001317
0.006023	1.401602	144.589668	
0.71830	20.616035	82.605224	2.001317
0.006023	0.564019	119.558378	
0.85915	20.616035	82.605224	2.001317
0.006023	0.257587	104.150618	
1.00000	20.616035	82.605224	2.001317
0.006023	0.964142	104.481625	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-23.776223	-130.080810	-1.701387
-0.007573	-1.897766	-160.481237	
0.57745	-23.776223	-130.080810	-1.701387
-0.007573	-1.184684	-107.649188	
0.71830	-23.776223	-130.080810	-1.701387
-0.007573	-0.472591	-76.894676	
0.85915	-23.776223	-130.080810	-1.701387
-0.007573	-0.292372	-50.027706	
1.00000	-23.776223	-130.080810	-1.701387
-0.007573	-1.131704	-42.271782	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	20.616035	82.605224	2.001317
0.006023	2.240290	175.175855	
0.57745	20.616035	82.605224	2.001317
0.006023	1.401602	144.589668	
0.71830	20.616035	82.605224	2.001317
0.006023	0.564019	119.558378	
0.85915	20.616035	82.605224	2.001317
0.006023	0.257587	104.150618	
1.00000	20.616035	82.605224	2.001317
0.006023	0.964142	104.481625	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-23.776223	-130.080810	-1.701387
-0.007573	-1.897766	-160.481237	
0.57745	-23.776223	-130.080810	-1.701387
-0.007573	-1.184684	-107.649188	
0.71830	-23.776223	-130.080810	-1.701387
-0.007573	-0.472591	-76.894676	
0.85915	-23.776223	-130.080810	-1.701387
-0.007573	-0.292372	-50.027706	
1.00000	-23.776223	-130.080810	-1.701387
-0.007573	-1.131704	-42.271782	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 251 ========== LENGTH = 2.977533

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.599298	37.098630	0.751921
7.10E-06	0.417286	1.407799	
0.14085	7.599298	37.098630	0.751921
7.10E-06	0.101905	6.802949	
0.28170	7.599298	37.098630	0.751921
7.10E-06	0.177353	19.805527	
0.42255	7.599298	37.098630	0.751921
7.10E-06	0.443967	33.239719	
0.56340	7.599298	37.098630	0.751921
7.10E-06	0.710600	46.699490	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.353793	-32.364910	-0.635773
-0.001433	-0.355930	-19.195317	
0.14085	-1.353793	-32.364910	-0.635773
-0.001433	-0.089297	-33.996042	
0.28170	-1.353793	-32.364910	-0.635773
-0.001433	-0.213604	-49.384803	
0.42255	-1.353793	-32.364910	-0.635773
-0.001433	-0.528832	-64.903893	
0.56340	-1.353793	-32.364910	-0.635773
-0.001433	-0.844126	-80.447994	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.384585	128.649201	1.216159
0.005808	0.705156	100.901818	
0.14085	7.384585	128.649201	1.216159
0.005808	0.196559	82.629240	
0.28170	7.384585	128.649201	1.216159
0.005808	0.248311	71.771748	
0.42255	7.384585	128.649201	1.216159
0.005808	0.620654	83.550252	
0.56340	7.384585	128.649201	1.216159
0.005808	0.992986	105.212787	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.505257	-54.681682	-0.887865
-0.007478	-0.496471	-13.872492	
0.14085	-18.505257	-54.681682	-0.887865
-0.007478	-0.131661	-32.993021	
0.28170	-18.505257	-54.681682	-0.887865
-0.007478	-0.337391	-55.726101	
0.42255	-18.505257	-54.681682	-0.887865
-0.007478	-0.839698	-86.556467	
0.56340	-18.505257	-54.681682	-0.887865
-0.007478	-1.342122	-137.702667	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.934446	115.491765	1.394974
0.004100	0.798280	88.241613	
0.14085	8.934446	115.491765	1.394974
0.004100	0.214246	91.061790	
0.28170	8.934446	115.491765	1.394974
0.004100	0.367876	101.859068	
0.42255	8.934446	115.491765	1.394974
0.004100	0.667776	128.855944	
0.56340	8.934446	115.491765	1.394974
0.004100	1.067603	162.620947	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.673646	-82.841623	-0.953369

```
-0.005427   -0.531770   -15.714227
 0.14085   -14.673646   -82.841623    -0.953369
-0.005427   -0.136671   -39.026813
 0.28170   -14.673646   -82.841623    -0.953369
-0.005427   -0.387155   -66.226050
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2740

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.42255   -14.673646   -82.841623    -0.953369
-0.005427   -0.966909   -98.916069
 0.56340   -14.673646   -82.841623    -0.953369
-0.005427   -1.546734   -145.446204

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    14.326206   108.894313    1.320059
 0.004069    0.753122    77.221642
 0.14085    14.326206   108.894313    1.320059
 0.004069    0.200307    76.213348
 0.28170    14.326206   108.894313    1.320059
 0.004069    0.255708    85.473660
 0.42255    14.326206   108.894313    1.320059
 0.004069    0.637658   108.619361
 0.56340    14.326206   108.894313    1.320059
 0.004069    1.019590   137.716045

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -13.898303   -73.141863    -0.910734
-0.004509   -0.508396   -30.648927
 0.14085   -13.898303   -73.141863    -0.910734
-0.004509   -0.131813   -49.723420
 0.28170   -13.898303   -73.141863    -0.910734
-0.004509   -0.366875   -72.132830
 0.42255   -13.898303   -73.141863    -0.910734
-0.004509   -0.916126   -99.526980
 0.56340   -13.898303   -73.141863    -0.910734
-0.004509   -1.465425   -140.349394

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.112469    68.244851    0.476590
 0.004856    0.291871   103.011242
 0.14085    0.112469    68.244851    0.476590
 0.004856    0.019195    92.382347
 0.28170    0.112469    68.244851    0.476590
 0.004856    0.061872    82.368686
 0.42255    0.112469    68.244851    0.476590
 0.004856    0.152579    90.853132
 0.56340    0.112469    68.244851    0.476590
 0.004856    0.243273   107.472940

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -15.583394   -41.873616    -0.216274
-0.004805   -2.316657   -2.316249
 0.14085   -15.583394   -41.873616    -0.216274
-0.004805   -0.035109   -4.148150
 0.28170   -15.583394   -41.873616    -0.216274
-0.004805   -0.126721   -6.737604
 0.42255   -15.583394   -41.873616    -0.216274
-0.004805   -0.320120   -16.062143
 0.56340   -15.583394   -41.873616    -0.216274
-0.004805   -0.513570   -42.366580

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.836083   81.209802    0.747221
 0.004997    0.442151   101.139130
 0.14085    7.836083   81.209802    0.747221
 0.004997    0.129833    96.227672
 0.28170    7.836083   81.209802    0.747221
 0.004997    0.108992    94.084085
 0.42255    7.836083   81.209802    0.747221
 0.004997    0.210660   110.248721
 0.56340    7.836083   81.209802    0.747221
 0.004997    0.431049   134.443534

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -12.952850   -60.740209    -0.383947
-0.004472   -0.213234   -14.798545
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2741

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.14085   -12.952850   -60.740209    -0.383947
-0.004472   -0.059585   -21.210761
 0.28170   -12.952850   -60.740209    -0.383947
-0.004472   -0.202117   -28.398049
 0.42255   -12.952850   -60.740209    -0.383947
-0.004472   -0.509551   -42.380115
 0.56340   -12.952850   -60.740209    -0.383947
-0.004472   -0.816991   -73.345261

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.271061   114.315363    1.223001
 0.003630    0.699957    93.695206
 0.14085   10.271061   114.315363    1.223001
 0.003630    0.187795    85.072400
 0.28170   10.271061   114.315363    1.223001
 0.003630    0.221282    94.620137
 0.42255   10.271061   114.315363    1.223001
 0.003630    0.551226   118.387377
 0.56340   10.271061   114.315363    1.223001
 0.003630    0.881089   148.131127

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.401575   -74.140431    -0.786612
-0.004298   -0.438663   -19.972827
 0.14085   -18.401575   -74.140431    -0.786612
-0.004298   -0.114255   -26.192286
 0.28170   -18.401575   -74.140431    -0.786612
-0.004298   -0.338315   -54.592260
 0.42255   -18.401575   -74.140431    -0.786612
-0.004298   -0.847007   -87.904147
 0.56340   -18.401575   -74.140431    -0.786612
-0.004298   -1.355716   -133.467113

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.187090   107.555229    1.176393
 0.003722    0.671333    84.003369
 0.14085   11.187090   107.555229    1.176393
 0.003722    0.178552    71.743448
 0.28170   11.187090   107.555229    1.176393
 0.003722    0.214354    79.508595
 0.42255   11.187090   107.555229    1.176393
 0.003722    0.533042    99.600470
 0.56340   11.187090   107.555229    1.176393
 0.003722    0.851665   124.623042

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -17.523686   -63.861886    -0.759780
-0.003595   -0.423006   -31.832173
 0.14085   -17.523686   -63.861886    -0.759780
-0.003595   -0.108653   -36.501632
 0.28170   -17.523686   -63.861886    -0.759780
-0.003595   -0.325812   -59.618172
 0.42255   -17.523686   -63.861886    -0.759780
-0.003595   -0.815640   -86.764412
 0.56340   -17.523686   -63.861886    -0.759780
-0.003595   -1.305480   -125.621210

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    1.247384   18.330775    0.253182
 0.001085    0.141830   11.662065
 0.14085    1.247384   18.330775    0.253182
 0.001085    0.035606    5.950287
 0.28170    1.247384   18.330775    0.253182
 0.001085    0.043284    3.200552
 0.42255    1.247384   18.330775    0.253182
 0.001085    0.105011    2.176233
 0.56340    1.247384   18.330775    0.253182
 0.001085    0.166716    2.894231
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2742

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -4.055838   -3.367543    -0.147091
-9.43E-06   -0.079972   -22.193336
 0.14085   -4.055838   -3.367543    -0.147091
-9.43E-06   -0.019767   -20.989625
 0.28170   -4.055838   -3.367543    -0.147091
-9.43E-06   -0.070542   -19.870563
 0.42255   -4.055838   -3.367543    -0.147091
-9.43E-06   -0.176726   -18.884232
 0.56340   -4.055838   -3.367543    -0.147091
-9.43E-06   -0.282899   -19.728249

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   12.179482   36.060954    0.465932
 0.001990    0.261505   17.758664
 0.14085   12.179482   36.060954    0.465932
 0.001990    0.066074    8.956473
 0.28170   12.179482   36.060954    0.465932
 0.001990    0.084763    6.184714
 0.42255   12.179482   36.060954    0.465932
 0.001990    0.209134    8.777495
 0.56340   12.179482   36.060954    0.465932
 0.001990    0.333471   12.440053

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -5.841708   -12.521230    -0.296519
-0.000185   -0.144047   -41.287550
 0.14085   -5.841708   -12.521230    -0.296519
-0.000185   -0.043658   -39.860496
 0.28170   -5.841708   -12.521230    -0.296519
-0.000185   -0.130043   -40.290849
 0.42255   -5.841708   -12.521230    -0.296519
-0.000185   -0.325210   -42.038034
 0.56340   -5.841708   -12.521230    -0.296519
-0.000185   -0.520369   -48.263740

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.506240   44.279576    0.775960
 0.001822    0.437930   45.978069
 0.14085    8.506240   44.279576    0.775960
 0.001822    0.112564   55.486472
 0.28170    8.506240   44.279576    0.775960
 0.001822    0.121914   70.590584
 0.42255    8.506240   44.279576    0.775960
 0.001822    0.299519   91.736561
 0.56340    8.506240   44.279576    0.775960
 0.001822    0.477031   113.811651

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.328018   -55.524008    -0.423284
-0.000294   -0.233156   -35.155666
 0.14085   -8.328018   -55.524008    -0.423284
-0.000294   -0.057597   -40.511967
 0.28170   -8.328018   -55.524008    -0.423284
-0.000294   -0.214226   -46.072799
 0.42255   -8.328018   -55.524008    -0.423284
-0.000294   -0.539263   -52.494824
 0.56340   -8.328018   -55.524008    -0.423284
-0.000294   -0.864294   -63.196438

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.595595   107.683594    1.077561
 0.004433    0.619325   97.844885
 0.14085    8.595595   107.683594    1.077561
 0.004433    0.168044   79.872695
 0.28170    8.595595   107.683594    1.077561
 0.004433    0.183706   77.705657
 0.42255    8.595595   107.683594    1.077561
 0.004433    0.455056   94.207539
 0.56340    8.595595   107.683594    1.077561
 0.004433    0.726321   116.516066
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2743

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -19.733185   -57.509781    -0.646834
-0.003755   -0.358852   -33.421170
 0.14085   -19.733185   -57.509781    -0.646834
-0.003755   -0.092805   -34.277220
 0.28170   -19.733185   -57.509781    -0.646834
-0.003755   -0.296793   -51.514680
 0.42255   -19.733185   -57.509781    -0.646834
-0.003755   -0.744540   -74.933536
 0.56340   -19.733185   -57.509781    -0.646834
-0.003755   -1.192289   -112.149682

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   16.018264   31.316095    1.117913
 4.23E-06    0.616410    1.474659
 0.14085   16.018264   31.316095    1.117913
 4.23E-06    0.147293    6.063439
 0.28170   16.018264   31.316095    1.117913
 4.23E-06    0.314382   23.208317
 0.42255   16.018264   31.316095    1.117913
 4.23E-06    0.788542   41.817318
 0.56340   16.018264   31.316095    1.117913
 4.23E-06    1.266696   60.951979

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -2.215237   -46.270206    -1.139757
-0.001580   -0.644264   -32.291812
 0.14085   -2.215237   -46.270206    -1.139757
-0.001580   -0.166421   -33.166323
 0.28170   -2.215237   -46.270206    -1.139757
-0.001580   -0.321368   -44.166626
 0.42255   -2.215237   -46.270206    -1.139757
-0.001580   -0.790110   -56.717823
 0.56340   -2.215237   -46.270206    -1.139757
-0.001580   -1.258911   -69.611047

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   15.263884   117.446566    1.812127
 0.005797    1.039666   104.547130
 0.14085   15.263884   117.446566    1.812127
 0.005797    0.281885    83.949996
 0.28170   15.263884   117.446566    1.812127
 0.005797    0.443905    77.407970
 0.42255   15.263884   117.446566    1.812127
 0.005797    1.118561    93.351811
 0.56340   15.263884   117.446566    1.812127
 0.005797    1.793195   120.318329

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -21.108294   -68.645407    -1.607977
-0.008034   -0.906238   -27.292978
 0.14085   -21.108294   -68.645407    -1.607977
-0.008034   -0.248937   -31.610184
 0.28170   -21.108294   -68.645407    -1.607977
-0.008034   -0.503927   -48.034982
 0.42255   -21.108294   -68.645407    -1.607977
-0.008034   -1.257006   -75.685414
 0.56340   -21.108294   -68.645407    -1.607977
-0.008034   -2.010168   -123.300567

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   16.073380   111.367304    2.016981
 0.004301    1.146801   95.365038
 0.14085   16.073380   111.367304    2.016981
 0.004301    0.300729   92.331310
 0.28170   16.073380   111.367304    2.016981
 0.004301    0.472651   102.707672
 0.42255   16.073380   111.367304    2.016981
 0.004301    1.189973   129.404078
 0.56340   16.073380   111.367304    2.016981
 0.004301    1.907079   163.954123
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2744

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.140797   -87.815794    -1.708800
-0.006031   -0.958971   -27.150711
 0.14085   -18.140797   -87.815794    -1.708800
-0.006031   -0.254360   -38.054241
 0.28170   -18.140797   -87.815794    -1.708800
-0.006031   -0.561997   -60.217809
 0.42255   -18.140797   -87.815794    -1.708800
-0.006031   -1.403412   -90.605796
 0.56340   -18.140797   -87.815794    -1.708800
-0.006031   -2.244719   -135.178412

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   20.385341   110.512704    1.934795
 0.004226    1.095789   84.363768
 0.14085   20.385341   110.512704    1.934795
 0.004226    0.285284   77.283370
 0.28170   20.385341   110.512704    1.934795
 0.004226    0.450120   86.249172
 0.42255   20.385341   110.512704    1.934795
 0.004226    1.135359   109.309513
 0.56340   20.385341   110.512704    1.934795
 0.004226    1.820591   139.070605

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -17.655406   -76.855106    -1.632618
-0.005012   -0.819614   -29.451584
 0.14085   -17.655406   -76.855106    -1.632618
-0.005012   -0.243158   -50.544280
 0.28170   -17.655406   -76.855106    -1.632618
-0.005012   -0.539894   -74.243323
 0.42255   -17.655406   -76.855106    -1.632618
-0.005012   -1.347631   -104.976147
 0.56340   -17.655406   -76.855106    -1.632618
-0.005012   -2.155339   -147.555281

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.101599   58.307262    0.668090
 0.004061    0.401349   98.039700
 0.14085    0.101599   58.307262    0.668090
 0.004061    0.122860   90.177459
 0.28170    0.101599   58.307262    0.668090
 0.004061    0.117139   82.802158
 0.42255    0.101599   58.307262    0.668090
 0.004061    0.286973   89.591414
 0.56340    0.101599   58.307262    0.668090
 0.004061    0.457449   104.770180

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -18.333434   -38.910759    -0.405958
-0.004351   -0.224910   -2.652854
 0.14085   -18.333434   -38.910759    -0.405958
-0.004351   -0.066969   -4.154920
 0.28170   -18.333434   -38.910759    -0.405958
-0.004351   -0.177592   -6.317156
 0.42255   -18.333434   -38.910759    -0.405958
-0.004351   -0.450996   -15.450939
 0.56340   -18.333434   -38.910759    -0.405958
-0.004351   -0.726356   -38.463542

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.508176   79.345980    1.031030
 0.004338    0.601020   99.191647
 0.14085    7.508176   79.345980    1.031030
 0.004338    0.169643   93.785261
 0.28170    7.508176   79.345980    1.031030
 0.004338    0.193790   91.156456
 0.42255    7.508176   79.345980    1.031030
 0.004338    0.483068   103.154872
 0.56340    7.508176   79.345980    1.031030
 0.004338    0.772930   122.652151
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2745

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -15.914871   -52.427123    -0.689881
-0.004152   -0.384556   -13.970908
 0.14085   -15.914871   -52.427123    -0.689881
-0.004152   -0.107343   -22.650860
 0.28170   -15.914871   -52.427123    -0.689881
-0.004152   -0.278863   -32.868307
 0.42255   -15.914871   -52.427123    -0.689881
-0.004152   -0.707322   -49.828274
 0.56340   -15.914871   -52.427123    -0.689881
-0.004152   -1.135356   -80.174848

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   12.413051   105.562720    1.771741
 0.002935    1.005796   91.120256
 0.14085   12.413051   105.562720    1.771741
 0.002935    0.262779   83.295456
 0.28170   12.413051   105.562720    1.771741
 0.002935    0.391100   96.421043
 0.42255   12.413051   105.562720    1.771741
 0.002935    0.980301   120.397172
 0.56340   12.413051   105.562720    1.771741
 0.002935    1.570020   149.560017

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -20.476501   -74.801703    -1.404449
-0.003921   -0.785346   -20.858946
 0.14085   -20.476501   -74.801703    -1.404449
-0.003921   -0.204577   -26.132569
 0.28170   -20.476501   -74.801703    -1.404449
-0.003921   -0.489872   -53.875641
 0.42255   -20.476501   -74.801703    -1.404449
-0.003921   -1.230672   -86.839586
 0.56340   -20.476501   -74.801703    -1.404449
-0.003921   -1.970975   -128.607126

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   13.059521   105.295620    1.739909
 0.003217    0.985397   83.786923
 0.14085   13.059521   105.295620    1.739909
 0.003217    0.256152   70.741620
 0.28170   13.059521   105.295620    1.739909
 0.003217    0.379048   81.169299
 0.42255   13.059521   105.295620    1.739909
 0.003217    0.949232   101.437296
 0.56340   13.059521   105.295620    1.739909
 0.003217    1.520415   125.993381

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -20.855375   -64.479429    -1.359546
-0.003281   -0.758651   -32.965764
 0.14085   -20.855375   -64.479429    -1.359546
-0.003281   -0.195206   -37.296853
 0.28170   -20.855375   -64.479429    -1.359546
-0.003281   -0.481598   -64.607685
 0.42255   -20.855375   -64.479429    -1.359546
-0.003281   -1.209194   -97.007409
 0.56340   -20.855375   -64.479429    -1.359546
-0.003281   -1.936630   -136.829066

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    1.828788   25.571934    0.420113
 0.001160    0.029758   3.476948
 0.14085    1.828788   25.571934    0.420113
 0.001160    0.060889    7.684134
 0.28170    1.828788   25.571934    0.420113
 0.001160    0.078351   3.476948
 0.42255    1.828788   25.571934    0.420113
 0.001160    0.192976   3.295957
 0.56340    1.828788   25.571934    0.420113
 0.001160    0.308396   3.695668
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                   2746

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.473101   -4.305590    -0.273796
-6.78E-06   -0.149278   -23.626103
 0.14085   -8.473101   -4.305590    -0.273796
-6.78E-06   -0.034760   -23.488527
 0.28170   -8.473101   -4.305590    -0.273796
-6.78E-06   -0.115166   -26.311998
 0.42255   -8.473101   -4.305590    -0.273796
-6.78E-06   -0.291221   -32.707080
 0.56340   -8.473101   -4.305590    -0.273796
-6.78E-06   -0.467576   -39.932644

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   12.929641   48.853879    0.743994
 0.001978    0.416850   21.875415
 0.14085   12.929641   48.853879    0.743994
 0.001978    0.105531   10.391491
 0.28170   12.929641   48.853879    0.743994
 0.001978    0.151098    6.257714
 0.42255   12.929641   48.853879    0.743994
 0.001978    0.379609    8.602413
 0.56340   12.929641   48.853879    0.743994
 0.001978    0.609401   12.442320

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -10.488135   -12.765907    -0.546315
-0.000129   -0.304695   -42.278725
 0.14085   -10.488135   -12.765907    -0.546315
-0.000129   -0.078258   -45.449978
 0.28170   -10.488135   -12.765907    -0.546315
-0.000129   -0.206664   -54.648882
 0.42255   -10.488135   -12.765907    -0.546315
-0.000129   -0.518800   -68.469405
 0.56340   -10.488135   -12.765907    -0.546315
-0.000129   -0.830899   -83.807374

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    8.956685   54.228121    1.127876
 0.001604    0.634046   51.282554
 0.14085    8.956685   54.228121    1.127876
 0.001604    0.161158   56.498951
 0.28170    8.956685   54.228121    1.127876
 0.001604    0.214294   68.583915
 0.42255    8.956685   54.228121    1.127876
 0.001604    0.532330   85.654110
 0.56340    8.956685   54.228121    1.127876
 0.001604    0.851928   103.766217

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.314845   -48.505144    -0.759817
-7.77E-06   -0.419085   -36.333635
 0.14085   -14.314845   -48.505144    -0.759817
-7.77E-06   -0.101283   -44.698588
 0.28170   -14.314845   -48.505144    -0.759817
-7.77E-06   -0.313430   -57.103484
 0.42255   -14.314845   -48.505144    -0.759817
-7.77E-06   -0.783830   -74.282590
 0.56340   -14.314845   -48.505144    -0.759817
-7.77E-06   -1.257313   -91.671423

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    9.663365   105.280595    1.601202
```

```
 0.003625    0.912344   97.307831
 0.14085     9.663365  105.280595     1.601202
 0.003625    0.241691   80.216110
 0.28170     9.663365  105.280595     1.601202
 0.003625    0.327553   80.845641
 0.42255     9.663365  105.280595     1.601202
 0.003625    0.815622   96.345395
 0.56340     9.663365  105.280595     1.601202
 0.003625    1.305165  117.367559
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2747

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -25.025396  -56.673025   -1.164977
-0.003120   -0.647245   -35.174301
 0.14085  -25.025396  -56.673025   -1.164977
-0.003120   -0.166143   -37.970814
 0.28170  -25.025396  -56.673025   -1.164977
-0.003120   -0.439016   -59.366955
 0.42255  -25.025396  -56.673025   -1.164977
-0.003120   -1.108162   -89.619985
 0.56340  -25.025396  -56.673025   -1.164977
-0.003120   -1.777271  -128.584603

COMB       DB ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   14.326206  128.649201    1.394974
 0.005808   0.798280  103.011242
 0.14085   14.326206  128.649201    1.394974
 0.005808   0.214246   96.227672
 0.28170   14.326206  128.649201    1.394974
 0.005808   0.267876  101.859068
 0.42255   14.326206  128.649201    1.394974
 0.005808   0.667776  128.855944
 0.56340   14.326206  128.649201    1.394974
 0.005808   1.067603  162.620947

COMB       DB ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -19.733185  -82.841623   -0.953369
-0.007478   -0.531770   -41.287550
 0.14085  -19.733185  -82.841623   -0.953369
-0.007478   -0.136671   -49.723420
 0.28170  -19.733185  -82.841623   -0.953369
-0.007478   -0.387155   -72.132830
 0.42255  -19.733185  -82.841623   -0.953369
-0.007478   -0.966909   -99.526980
 0.56340  -19.733185  -82.841623   -0.953369
-0.007478   -1.546734  -145.446204

COMB       DL ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   20.385341  117.446566    2.016981
 0.005797   1.146091  104.547130
 0.14085   20.385341  117.446566    2.016981
 0.005797   0.300729   93.785261
 0.28170   20.385341  117.446566    2.016981
 0.005797   0.472651  102.707672
 0.42255   20.385341  117.446566    2.016981
 0.005797   1.189973  129.404078
 0.56340   20.385341  117.446566    2.016981
 0.005797   1.907079  163.954123

COMB       DL ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -25.025396  -87.815794   -1.708800
-0.008034   -0.958971   -42.278725
 0.14085  -25.025396  -87.815794   -1.708800
-0.008034   -0.254360   -50.544280
 0.28170  -25.025396  -87.815794   -1.708800
-0.008034   -0.561997   -74.243323
 0.42255  -25.025396  -87.815794   -1.708800
-0.008034   -1.403412  -104.976147
 0.56340  -25.025396  -87.815794   -1.708800
-0.008034   -2.244719  -147.555281

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   20.385341  128.649201    2.016981
 0.005808   1.146091  104.547130
 0.14085   20.385341  128.649201    2.016981
 0.005808   0.300729   96.227672
 0.28170   20.385341  128.649201    2.016981
 0.005808   0.472651  102.707672
 0.42255   20.385341  128.649201    2.016981
 0.005808   1.189973  129.404078
 0.56340   20.385341  128.649201    2.016981
 0.005808   1.907079  163.954123
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2748

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -25.025396  -87.815794   -1.708800
-0.008034   -0.958971   -42.278725
 0.14085  -25.025396  -87.815794   -1.708800
-0.008034   -0.254360   -50.544280
 0.28170  -25.025396  -87.815794   -1.708800
-0.008034   -0.561997   -74.243323
 0.42255  -25.025396  -87.815794   -1.708800
-0.008034   -1.403412  -104.976147
 0.56340  -25.025396  -87.815794   -1.708800
-0.008034   -2.244719  -147.555281

COMB   DESIGN ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   20.385341  128.649201    2.016981
 0.005808   1.146091  104.547130
 0.14085   20.385341  128.649201    2.016981
 0.005808   0.300729   96.227672
 0.28170   20.385341  128.649201    2.016981
 0.005808   0.472651  102.707672
 0.42255   20.385341  128.649201    2.016981
 0.005808   1.189973  129.404078
 0.56340   20.385341  128.649201    2.016981
 0.005808   1.907079  163.954123

COMB   DESIGN ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -25.025396  -87.815794   -1.708800
-0.008034   -0.958971   -42.278725
 0.14085  -25.025396  -87.815794   -1.708800
-0.008034   -0.254360   -50.544280
 0.28170  -25.025396  -87.815794   -1.708800
-0.008034   -0.561997   -74.243323
 0.42255  -25.025396  -87.815794   -1.708800
-0.008034   -1.403412  -104.976147
 0.56340  -25.025396  -87.815794   -1.708800
-0.008034   -2.244719  -147.555281

ELEM      252 ================== LENGTH
=     2.977627

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   16.006065    3.991464    0.813976
 0.000524    0.878511    3.444410
 0.57744   16.006065    3.991464    0.813976
 0.000524    0.537124    2.743856
 0.71829   16.006065    3.991464    0.813976
 0.000524    0.195652    2.063389
 0.85915   16.006065    3.991464    0.813976
 0.000524    0.116863    1.439731
 1.00000   16.006065    3.991464    0.813976
 0.000524    0.395266    1.075225

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   -2.620859  -44.539269   -0.663832
-0.001326   -0.718405   -83.532832
 0.57744   -2.620859  -44.539269   -0.663832
-0.001326   -0.439989   -64.922502
 0.71829   -2.620859  -44.539269   -0.663832
-0.001326   -0.161577   -46.376897
 0.85915   -2.620859  -44.539269   -0.663832
-0.001326   -0.145617   -28.100723
 1.00000   -2.620859  -44.539269   -0.663832
-0.001326   -0.487040   -12.323558

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   15.921027   28.236026    1.239671
 0.005651    1.341526   48.934749
 0.57744   15.921027   28.236026    1.239671
 0.005651    0.821616   38.322687
 0.71829   15.921027   28.236026    1.239671
 0.005651    0.301695   36.606417
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2749

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.85915   15.921027   28.236026    1.239671
 0.005651    0.192071   54.676928
 1.00000   15.921027   28.236026    1.239671
 0.005651    0.592153   79.779435

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -29.556904  -116.904833   -0.984653
-0.005332   -1.063046  -127.039256
 0.57744  -29.556904  -116.904833   -0.984653
-0.005332   -0.650082   -82.896579
 0.71829  -29.556904  -116.904833   -0.984653
-0.005332   -0.237243   -54.170556
 0.85915  -29.556904  -116.904833   -0.984653
-0.005332   -0.229835  -32.295120
 1.00000  -29.556904  -116.904833   -0.984653
-0.005332   -0.738240  -13.243537

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   14.452519   47.207815    1.391086
 0.004549    1.508312   58.233233
 0.57744   14.452519   47.207815    1.391086
 0.004549    0.924881   58.580285
 0.71829   14.452519   47.207815    1.391086
 0.004549    0.341441   45.283406
 0.85915   14.452519   47.207815    1.391086
 0.004549    0.218082   51.060592
 1.00000   14.452519   47.207815    1.391086
 0.004549    0.695931   62.274734

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -22.992693   -98.960388   -1.160061
-0.003951   -1.252524  -119.187508
 0.57744  -22.992693   -98.960388   -1.160061
-0.003951   -0.765990   -80.982373
 0.71829  -22.992693   -98.960388   -1.160061
-0.003951   -0.279435   -53.393363
 0.85915  -22.992693   -98.960388   -1.160061
-0.003951   -0.249959   -26.939710
 1.00000  -22.992693   -98.960388   -1.160061
-0.003951   -0.625487   -13.044453

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   26.605962   57.240457    1.334825
 0.004199    1.446799   96.104381
 0.57744   26.605962   57.240457    1.334825
 0.004199    0.886972   72.618996
 0.71829   26.605962   57.240457    1.334825
 0.004199    0.327136   49.133754
 0.85915   26.605962   57.240457    1.334825
 0.004199    0.216446   52.005814
 1.00000   26.605962   57.240457    1.334825
 0.004199    0.697740   54.932490

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -22.485428   -83.445642   -1.164715
-0.003473   -1.258113  -101.063194
 0.57744  -22.485428   -83.445642   -1.164715
-0.003473   -0.769638   -69.355993
 0.71829  -22.485428   -83.445642   -1.164715
-0.003473   -0.281111   -48.668825
 0.85915  -22.485428   -83.445642   -1.164715
-0.003473   -0.239287   -32.726118
 1.00000  -22.485428   -83.445642   -1.164715
-0.003473   -0.792652   -22.907503

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659    0.204355   19.704566    0.420570
 0.004521   0.456828   38.597028
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2750

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.57744    0.204355   19.704566    0.420570
 0.004521   0.282438   31.582144
 0.71829    0.204355   19.704566    0.420570
 0.004521   0.106097   33.649850
 0.85915    0.204355   19.704566    0.420570
 0.004521   0.077303   52.549886
 1.00000    0.204355   19.704566    0.420570
 0.004521   0.209924   75.924226

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -30.485627   -70.822022   -0.341999
-0.003267   -0.366620   -44.041009
 0.57744  -30.485627   -70.822022   -0.341999
-0.003267   -0.223215   -18.727587
 0.71829  -30.485627   -70.822022   -0.341999
-0.003267   -0.079885    6.269252
 0.85915  -30.485627   -70.822022   -0.341999
-0.003267   -0.080212   -1.534928
 1.00000  -30.485627   -70.822022   -0.341999
-0.003267   -0.246822   -1.645913

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   11.859257   46.815422    0.681430
 0.004779   0.743156   79.937832
 0.57744   11.859257   46.815422    0.681430
 0.004779   0.457370   60.984474
 0.71829   11.859257   46.815422    0.681430
 0.004779   0.171606   49.051535
 0.85915   11.859257   46.815422    0.681430
 0.004779   0.125154   58.910371
 1.00000   11.859257   46.815422    0.681430
 0.004779   0.375750   71.527432

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -25.101737   -64.251712   -0.621213
-0.003107   -0.697004   -43.652487
 0.57744  -25.101737   -64.251712   -0.621213
-0.003107   -0.408484   -20.785227
 0.71829  -25.101737   -64.251712   -0.621213
-0.003107   -0.147947   -11.075308
 0.85915  -25.101737   -64.251712   -0.621213
-0.003107   -0.123527    -7.482204
 1.00000  -25.101737   -64.251712   -0.621213
-0.003107   -0.400195   -11.256835

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   17.220323   70.098939    1.196105
 0.003915    1.298898  129.262614
 0.57744   17.220323   70.098939    1.196105
 0.003915    0.797257  100.386616
 0.71829   17.220323   70.098939    1.196105
 0.003915    0.295593   76.638123
 0.85915   17.220323   70.098939    1.196105
 0.003915    0.190065   69.527609
 1.00000   17.220323   70.098939    1.196105
 0.003915    0.608443   64.962525

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -34.964264   -74.966502   -1.014301
-0.002963   -1.094998   -83.157203
 0.57744  -34.964264   -74.966502   -1.014301
-0.002963   -0.669620   -54.796182
 0.71829  -34.964264   -74.966502   -1.014301
-0.002963   -0.244203   -36.064802
 0.85915  -34.964264   -74.966502   -1.014301
-0.002963   -0.212661   -22.346892
 1.00000  -34.964264   -74.966502   -1.014301
-0.002963   -0.707892   -15.789918
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2751

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   18.463002   72.799641    1.176274
 0.003685    1.276330  136.685606
 0.57744   18.463002   72.799641    1.176274
 0.003685    0.783000  106.570816
 0.71829   18.463002   72.799641    1.176274
 0.003685    0.289637   80.645269
 0.85915   18.463002   72.799641    1.176274
 0.003685    0.192940   68.779028
 1.00000   18.463002   72.799641    1.176274
 0.003685    0.623230   58.968483

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -33.574517   -63.419077   -1.039862
-0.002709   -1.122854   -71.187933
 0.57744  -33.574517   -63.419077   -1.039862
-0.002709   -0.686747   -48.661557
 0.71829  -33.574517   -63.419077   -1.039862
-0.002709   -0.250521   -34.406052
 0.85915  -33.574517   -63.419077   -1.039862
-0.002709   -0.213949   -24.150978
 1.00000  -33.574517   -63.419077   -1.039862
-0.002709   -0.697135   -19.740684

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659    2.564035   20.263735    0.286617
 0.000633   0.309835   42.949628
 0.57744    2.564035   20.263735    0.286617
 0.000633   0.189626   34.490223
 0.71829    2.564035   20.263735    0.286617
 0.000633   0.069413   26.045452
 0.85915    2.564035   20.263735    0.286617
 0.000633   0.052992   17.648259
 1.00000    2.564035   20.263735    0.286617
 0.000633   0.177124    9.391210

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   -8.442078   -2.207845   -0.295852
-0.000380   -0.319236   -8.255275
 0.57744   -8.442078   -2.207845   -0.295852
-0.000380   -0.195161    -7.754273
 0.71829   -8.442078   -2.207845   -0.295852
-0.000380   -0.071017    -7.401805
 0.85915   -8.442078   -2.207845   -0.295852
-0.000380   -0.050741    -7.289376
 1.00000   -8.442078   -2.207845   -0.295852
-0.000380   -0.171002    -7.357627

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   23.723468   44.377584    0.508022
 0.001298    0.549978   81.395204
 0.57744   23.723468   44.377584    0.508022
 0.001298    0.336923   63.164877
 0.71829   23.723468   44.377584    0.508022
 0.001298    0.123878   45.349951
 0.85915   23.723468   44.377584    0.508022
 0.001298    0.095973   28.679403
 1.00000   23.723468   44.377584    0.508022
 0.001298    0.321546   13.939819

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -11.760677   -4.398630   -0.538512
-0.000635   -0.581984   -10.021483
 0.57744  -11.760677   -4.398630   -0.538512
-0.000635   -0.356138    -9.998860
 0.71829  -11.760677   -4.398630   -0.538512
-0.000635   -0.130192   -12.323258
 0.85915  -11.760677   -4.398630   -0.538512
-0.000635   -0.095871   -17.521808
 1.00000  -11.760677   -4.398630   -0.538512
-0.000635   -0.302312   -24.250390
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2752

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   11.634178   56.391638    0.771008
 0.001747    0.838228  101.991214
 0.57744   11.634178   56.391638    0.771008
 0.001747    0.514882   78.553411
 0.71829   11.634178   56.391638    0.771008
 0.001747    0.191539   55.946022
 0.85915   11.634178   56.391638    0.771008
 0.001747    0.138690   40.238359
 1.00000   11.634178   56.391638    0.771008
 0.001747    0.460281   27.009893

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -17.949895   -21.469643   -0.768102
-0.000646   -0.828480   -28.271205
 0.57744  -17.949895   -21.469643   -0.768102
-0.000646   -0.506365   -21.035828
 0.71829  -17.949895   -21.469643   -0.768102
-0.000646   -0.184109   -15.789977
 0.85915  -17.949895   -21.469643   -0.768102
-0.000646   -0.132630   -13.097017
 1.00000  -17.949895   -21.469643   -0.768102
-0.000646   -0.455382   -16.740191

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   12.248978   75.236045    1.067082
 0.004101   1.158841  145.865789
 0.57744   12.248978   75.236045    1.067082
 0.004101   0.711307  114.788678
 0.71829   12.248978   75.236045    1.067082
 0.004101   0.263772   88.649666
 0.85915   12.248978   75.236045    1.067082
 0.004101   0.180283   78.113276
 1.00000   12.248978   75.236045    1.067082
 0.004101   0.574838   69.621113

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -39.446605   -59.066314   -0.957201
-0.002835   -1.032852   -58.814743
 0.57744  -39.446605   -59.066314   -0.957201
-0.002835   -0.631362   -37.877226
 0.71829  -39.446605   -59.066314   -0.957201
-0.002835   -0.229854   -26.215400
 0.85915  -39.446605   -59.066314   -0.957201
-0.002835   -0.190278   -19.039883
 1.00000  -39.446605   -59.066314   -0.957201
-0.002835   -0.631454   -17.633788

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   38.775459    5.101502    1.281091
 0.000520   1.380495    4.384660
 0.57744   38.775459    5.101502    1.281091
 0.000520   0.843350    3.475828
 0.71829   38.775459    5.101502    1.281091
 0.000520   0.305972    2.589544
 0.85915   38.775459    5.101502    1.281091
 0.000520   0.206291    1.788110
 1.00000   38.775459    5.101502    1.281091
 0.000520   0.712267    1.150959

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   -3.305983   -72.163609   -1.206282
-0.001462   -1.310544  -143.807461
 0.57744   -3.305983   -72.163609   -1.206282
-0.001462   -0.804335  -113.936677
 0.71829   -3.305983   -72.163609   -1.206282
-0.001462   -0.298371   -84.108426
 0.85915   -3.305983   -72.163609   -1.206282
-0.001462   -0.231072   -54.473458
 1.00000   -3.305983   -72.163609   -1.206282
-0.001462   -0.768593   -25.967871
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2753

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   36.023876   28.166208    1.901562
 0.005765    2.052858   51.770383
 0.57744   36.023876   28.166208    1.901562
 0.005765    1.255263   42.542421
 0.71829   36.023876   28.166208    1.901562
 0.005765    0.459678   41.473462
 0.85915   36.023876   28.166208    1.901562
 0.005765    0.347028   60.542100
 1.00000   36.023876   28.166208    1.901562
 0.005765    1.123371   84.805348

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -37.696957  -146.739206   -1.869285
-0.005036   -2.018631  -192.649730
 0.57744  -37.696957  -146.739206   -1.869285
-0.005036   -1.234362  -132.016110
 0.71829  -37.696957  -146.739206   -1.869285
-0.005036   -0.452437   -88.896248
 0.85915  -37.696957  -146.739206   -1.869285
-0.005036   -0.353559   -55.776843
 1.00000  -37.696957  -146.739206   -1.869285
-0.005036   -1.140022   -25.387337

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   33.880046   57.796624    2.089073
 0.004705    2.261065  104.917078
 0.57744   33.880046   57.796624    2.089073
 0.004705    1.384587   81.395232
 0.71829   33.880046   57.796624    2.089073
 0.004705    0.509321   64.677635
 0.85915   33.880046   57.796624    2.089073
 0.004705    0.378969   64.159544
 1.00000   33.880046   57.796624    2.089073
 0.004705    1.248637   69.047331

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43659  -33.736871  -124.971517   -2.087114
-0.003886   -2.255297  -174.725642
 0.57744  -33.736871  -124.971517   -2.087114
-0.003886   -1.379154  -122.990518
 0.71829  -33.736871  -124.971517   -2.087114
-0.003886   -0.505243   -83.794735
 0.85915  -33.736871  -124.971517   -2.087114
-0.003886   -0.376104   -51.028943
 1.00000  -33.736871  -124.971517   -2.087114
-0.003886   -1.245328   -23.848144

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43659   42.467640   79.972846    2.034680
 0.004323    2.201099  137.266815
 0.57744   42.467640   79.972846    2.034680
 0.004323    1.347264  104.837475
 0.71829   42.467640   79.972846    2.034680
 0.004323    0.494876   78.571284
 0.85915   42.467640   79.972846    2.034680
 0.004323    0.368995   66.807982
 1.00000   42.467640   79.972846    2.034680
 0.004323    1.222284   61.183896

COMB DL-G1-4 ------------------ MIN
```

REL DIST P V2 V3
T M2 M3
0.43659 -33.344387 -105.206904 -2.046521
-0.003393 -2.212365 -147.731526
0.57744 -33.344387 -105.206904 -2.046521
-0.003393 -1.353147 -105.138921
0.71829 -33.344387 -105.206904 -2.046521
-0.003393 -0.496162 -73.888099
0.85915 -33.344387 -105.206904 -2.046521
-0.003393 -0.366027 -49.150454
1.00000 -33.344387 -105.206904 -2.046521
-0.003393 -1.213449 -101.111770
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2754

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 0.154296 22.829318 0.574015
0.003896 0.625058 50.792345
0.57744 0.154296 22.829318 0.574015
0.003896 0.384233 42.409032
0.71829 0.154296 22.829318 0.574015
0.003896 0.144916 41.461155
0.85915 0.154296 22.829318 0.574015
0.003896 0.131225 55.459783
1.00000 0.154296 22.829318 0.574015
0.003896 0.392407 72.796265

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -40.064778 -63.109486 -0.635985
-0.002427 -0.678877 -45.526304
0.57744 -40.064778 -63.109486 -0.635985
-0.002427 -0.412016 -19.833518
0.71829 -40.064778 -63.109486 -0.635985
-0.002427 -0.147049 -6.544394
0.85915 -40.064778 -63.109486 -0.635985
-0.002427 -0.106909 -1.452521
1.00000 -40.064778 -63.109486 -0.635985
-0.002427 -0.339680 -1.745624

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 11.793276 67.423887 0.970919
0.004235 1.055595 120.998952
0.57744 11.793276 67.423887 0.970919
0.004235 0.649023 93.719277
0.71829 11.793276 67.423887 0.970919
0.004235 0.241731 73.158711
0.85915 11.793276 67.423887 0.970919
0.004235 0.199279 69.312169
1.00000 11.793276 67.423887 0.970919
0.004235 0.630852 69.653249

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -34.827728 -57.337456 -1.041941
-0.002371 -1.220026 -43.806847
0.57744 -34.827728 -57.337456 -1.041941
-0.002371 -0.682520 -20.923250
0.71829 -34.827728 -57.337456 -1.041941
-0.002371 -0.247155 -10.353158
0.85915 -34.827728 -57.337456 -1.041941
-0.002371 -0.174403 -6.862235
1.00000 -34.827728 -57.337456 -1.041941
-0.002371 -0.574925 -10.743405

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 22.674193 84.647752 1.779426
0.003306 1.930863 158.072891
0.57744 22.674193 84.647752 1.779426
0.003306 1.184130 123.379051
0.71829 22.674193 84.647752 1.779426
0.003306 0.438234 93.235359
0.85915 22.674193 84.647752 1.779426
0.003306 0.133073 74.975488
1.00000 22.674193 84.647752 1.779426
0.003306 1.091155 61.020830

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -42.285634 -81.059854 -1.821891
-0.002368 -1.966177 -106.655596
0.57744 -42.285634 -81.059854 -1.821891
-0.002368 -1.201428 -73.647745
0.71829 -42.285634 -81.059854 -1.821891
-0.002368 -0.438385 -48.927102
0.85915 -42.285634 -81.059854 -1.821891
-0.002368 -0.313003 -29.343254
1.00000 -42.285634 -81.059854 -1.821891
-0.002368 -1.055470 -17.148852
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2755

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 23.340537 94.940822 1.771244
0.003172 1.921516 175.936954
0.57744 23.340537 94.940822 1.771244
0.003172 1.178213 137.233048
0.71829 23.340537 94.940822 1.771244
0.003172 0.435896 102.500543
0.85915 23.340537 94.940822 1.771244
0.003172 0.331440 77.861405
1.00000 23.340537 94.940822 1.771244
0.003172 1.098120 57.056633

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -42.977820 -68.742408 -1.836003
-0.002190 -1.981945 -91.851722
0.57744 -42.977820 -68.742408 -1.836003
-0.002190 -1.210828 -64.938172
0.71829 -42.977820 -68.742408 -1.836003
-0.002190 -0.441946 -45.115810
0.85915 -42.977820 -68.742408 -1.836003
-0.002190 -0.310937 -29.643051
1.00000 -42.977820 -68.742408 -1.836003
-0.002190 -1.050382 -20.390137

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 3.009763 30.431890 0.438353
0.000639 0.476433 62.715190
0.57744 3.009763 30.431890 0.438353
0.000639 0.292642 50.110577
0.71829 3.009763 30.431890 0.438353
0.000639 0.108910 37.505111
0.85915 3.009763 30.431890 0.438353
0.000639 0.088805 25.270517
1.00000 3.009763 30.431890 0.438353
0.000639 0.297129 13.398291

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -18.148679 -3.140181 -0.497139
-0.000352 -0.535053 -9.399931
0.57744 -18.148679 -3.140181 -0.497139
-0.000352 -0.326297 -8.446168
0.71829 -18.148679 -3.140181 -0.497139
-0.000352 -0.118100 -7.594267
0.85915 -18.148679 -3.140181 -0.497139
-0.000352 -0.074848 -6.991386
1.00000 -18.148679 -3.140181 -0.497139
-0.000352 -0.258731 -6.872896

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 24.817341 73.448916 0.811389
0.001238 0.878425 127.500795
0.57744 24.817341 73.448916 0.811389
0.001238 0.538039 97.417913
0.71829 24.817341 73.448916 0.811389
0.001238 0.197647 68.144478
0.85915 24.817341 73.448916 0.811389
0.001238 0.154373 41.131724
1.00000 24.817341 73.448916 0.811389
0.001238 0.520336 17.660025

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -21.650880 -4.473526 -0.874609
-0.000540 -0.944740 -12.058013
0.57744 -21.650880 -4.473526 -0.874609
-0.000540 -0.577719 -11.614925
0.71829 -21.650880 -4.473526 -0.874609
-0.000540 -0.210812 -12.235010
0.85915 -21.650880 -4.473526 -0.874609
-0.000540 -0.142446 -15.725298
1.00000 -21.650880 -4.473526 -0.874609
-0.000540 -0.482445 -23.494594
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2756

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 14.154626 86.005504 1.127002
0.001416 1.226971 158.258243
0.57744 14.154626 86.005504 1.127002
0.001416 0.754020 122.863490
0.71829 14.154626 86.005504 1.127002
0.001416 0.281128 88.237668
0.85915 14.154626 86.005504 1.127002
0.001416 0.219352 57.092022
1.00000 14.154626 86.005504 1.127002
0.001416 0.736393 30.205869

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -33.388357 -17.066646 -1.234793
-0.000415 -1.331503 -26.433012
0.57744 -33.388357 -17.066646 -1.234793
-0.000415 -0.812718 -20.681713
0.71829 -33.388357 -17.066646 -1.234793
-0.000415 -0.295150 -15.509930
0.85915 -33.388357 -17.066646 -1.234793
-0.000415 -0.189993 -12.247135
1.00000 -33.388357 -17.066646 -1.234793
-0.000415 -0.663131 -16.262211

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 15.985445 97.643145 1.588586
0.003354 1.725879 188.847963
0.57744 15.985445 97.643145 1.588586
0.003354 1.059444 148.834808
0.71829 15.985445 97.643145 1.588586
0.003354 0.393674 113.171953
0.85915 15.985445 97.643145 1.588586
0.003354 0.309174 88.222134
1.00000 15.985445 97.643145 1.588586
0.003354 1.014067 67.523829

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -53.448779 -57.035786 -1.689601
-0.002067 -0.1820224 -68.157652
0.57744 -53.448779 -57.035786 -1.689601
-0.002067 -1.110718 -45.730244
0.71829 -53.448779 -57.035786 -1.689601
-0.002067 -0.403131 -30.755639
0.85915 -53.448779 -57.035786 -1.689601
-0.002067 -0.277342 -20.686371
1.00000 -53.448779 -57.035786 -1.689601
-0.002067 -0.939955 -17.673461

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 26.605962 75.236045 1.391086
0.005651 1.508312 145.865789
0.57744 26.605962 75.236045 1.391086
0.005651 0.924881 114.786878
0.71829 26.605962 75.236045 1.391086
0.005651 0.341441 88.649666
0.85915 26.605962 75.236045 1.391086
0.005651 0.278082 71.132776
1.00000 26.605962 75.236045 1.391086
0.005651 0.697740 79.779435

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -39.446605 -116.904833 -1.164715
-0.005332 -1.258113 -127.039256
0.57744 -39.446605 -116.904833 -1.164715
-0.005332 -0.769638 -82.896579
0.71829 -39.446605 -116.904833 -1.164715
-0.005332 -0.281111 -54.170556
0.85915 -39.446605 -116.904833 -1.164715
-0.005332 -0.249959 -32.726118
1.00000 -39.446605 -116.904833 -1.164715
-0.005332 -0.825487 -24.250390
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2757

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 42.467640 97.643145 2.089073
0.005765 2.261065 188.847963
0.57744 42.467640 97.643145 2.089073
0.005765 1.384587 148.834808
0.71829 42.467640 97.643145 2.089073
0.005765 0.509371 113.171953
0.85915 42.467640 97.643145 2.089073
0.005765 0.378969 88.222134
1.00000 42.467640 97.643145 2.089073
0.005765 1.248637 84.805348

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -53.448779 -146.739206 -2.087114
-0.005036 -2.255297 -192.649730
0.57744 -53.448779 -146.739206 -2.087114
-0.005036 -1.379154 -132.016110
0.71829 -53.448779 -146.739206 -2.087114
-0.005036 -0.505243 -88.896248
0.85915 -53.448779 -146.739206 -2.087114
-0.005036 -0.376104 -55.171843
1.00000 -53.448779 -146.739206 -2.087114
-0.005036 -1.245328 -31.111770

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 42.467640 97.643145 2.089073
0.005765 2.261065 188.847963
0.57744 42.467640 97.643145 2.089073
0.005765 1.384587 148.834808
0.71829 42.467640 97.643145 2.089073
0.005765 0.509371 113.171953
0.85915 42.467640 97.643145 2.089073
0.005765 0.378969 88.222134
1.00000 42.467640 97.643145 2.089073
0.005765 1.248637 84.805348

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -53.448779 -146.739206 -2.087114
-0.005332 -2.255297 -192.649730
0.57744 -53.448779 -146.739206 -2.087114
-0.005332 -1.379154 -132.016110
0.71829 -53.448779 -146.739206 -2.087114
-0.005332 -0.505243 -88.896248
0.85915 -53.448779 -146.739206 -2.087114
-0.005332 -0.376104 -55.171843
1.00000 -53.448779 -146.739206 -2.087114
-0.005332 -1.245328 -31.111770

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43659 42.467640 97.643145 2.089073
0.005765 2.261065 188.847963
0.57744 42.467640 97.643145 2.089073
0.005765 1.384587 148.834808
0.71829 42.467640 97.643145 2.089073
0.005765 0.509371 113.171953
0.85915 42.467640 97.643145 2.089073
0.005765 0.378969 88.222134
1.00000 42.467640 97.643145 2.089073
0.005765 1.248637 84.805348

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43659 -53.448779 -146.739206 -2.087114
-0.005332 -2.255297 -192.649730
0.57744 -53.448779 -146.739206 -2.087114
-0.005332 -1.379154 -132.016110
0.71829 -53.448779 -146.739206 -2.087114
-0.005332 -0.505243 -88.896248
0.85915 -53.448779 -146.739206 -2.087114
-0.005332 -0.376104 -55.171843
1.00000 -53.448779 -146.739206 -2.087114
-0.005332 -1.245328 -31.111770
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2758

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 253 ========== LENGTH = 2.977613

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.916978 4.048528 0.762383
0.000587 0.451372 1.073087
0.14085 15.916978 4.048528 0.762383
0.000587 0.131585 10.268861
0.28170 15.916978 4.048528 0.762383
0.000587 0.160476 28.553298
0.42256 15.916978 4.048528 0.762383
0.000587 0.437823 47.029528
0.56341 15.916978 4.048528 0.762383
0.000587 0.715163 65.524947

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.737031 -44.263064 -0.661280
-0.001258 -0.394210 -12.323393
0.14085 -2.737031 -44.263064 -0.661280
-0.001258 -0.116857 -13.351941
0.28170 -2.737031 -44.263064 -0.661280
-0.001258 -0.188203 -14.611045
0.42256 -2.737031 -44.263064 -0.661280
-0.001258 -0.507958 -15.895703
0.56341 -2.737031 -44.263064 -0.661280
-0.001258 -0.827695 -17.471489

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.000335 86.284403 1.221362
0.004485 0.752997 79.998864
0.14085 16.000335 86.284403 1.221362
0.004485 0.241855 66.137029
0.28170 16.000335 86.284403 1.221362
0.004485 0.231794 61.009793
0.42256 16.000335 86.284403 1.221362
0.004485 0.482728 60.107335
0.56341 16.000335 86.284403 1.221362
0.004485 1.026660 105.075786

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.565272 -63.781035 -0.947658
-0.006497 -0.563221 -13.258598
0.14085 -33.565272 -63.781035 -0.947658
-0.006497 -0.165874 -12.537006
0.28170 -33.565272 -63.781035 -0.947658
-0.006497 -0.237817 -19.675195
0.42256 -33.565272 -63.781035 -0.947658
-0.006497 -0.808793 -40.965038
0.56341 -33.565272 -63.781035 -0.947658
-0.006497 -1.320207 -76.908301

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.565781 86.640070 1.408715
0.003429 0.857576 62.428963
0.14085 14.565781 86.640070 1.408715
0.003429 0.267433 55.949908
0.28170 14.565781 86.640070 1.408715
0.003429 0.271775 59.849704
0.42256 14.565781 86.640070 1.408715
0.003429 0.735931 80.823733
0.56341 14.565781 86.640070 1.408715
0.003429 1.200005 106.018100

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -25.834417 -62.925618 -1.106509
-0.004716 -0.656384 -13.044248
0.14085 -25.834417 -62.925618 -1.106509
-0.004716 -0.192370 -22.276524
0.28170 -25.834417 -62.925618 -1.106509
-0.004716 -0.341639 -38.786015
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2759

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42256 -25.834417 -62.925618 -1.106509
-0.004716 -0.931930 -64.936131
0.56341 -25.834417 -62.925618 -1.106509
-0.004716 -1.522201 -101.079979

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 26.683902 90.240896 1.343500
0.003430 0.815163 55.066659
0.14085 26.683902 90.240896 1.343500
0.003430 0.252210 46.986659
0.28170 26.683902 90.240896 1.343500
0.003430 0.273543 50.777960
0.42256 26.683902 90.240896 1.343500
0.003430 0.741258 68.836195
0.56341 26.683902 90.240896 1.343500
0.003430 1.208903 90.305708

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -24.892181 -53.552795 -1.115092
-0.004143 -0.661945 -22.906316
0.14085 -24.892181 -53.552795 -1.115092
-0.004143 -0.194450 -35.246925
0.28170 -24.892181 -53.552795 -1.115092
-0.004143 -0.326388 -53.669110
0.42256 -24.892181 -53.552795 -1.115092
-0.004143 -0.889419 -80.305461
0.56341 -24.892181 -53.552795 -1.115092
-0.004143 -1.452419 -117.330085

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.196152 68.399087 0.476803
0.003179 0.130302 76.107592
0.14085 0.196152 68.399087 0.476803
0.003179 0.110301 60.926518
0.28170 0.196152 68.399087 0.476803
0.003179 0.073666 45.946980
0.42256 0.196152 68.399087 0.476803
0.003179 0.195959 50.815152
0.56341 0.196152 68.399087 0.476803
0.003179 0.318273 60.681693

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -33.740295 -26.874578 -0.291638
-0.004159 -0.171090 -1.670821
0.14085 -33.740295 -26.874578 -0.291638
-0.004159 -0.048917 -3.233389
0.28170 -33.740295 -26.874578 -0.291638
-0.004159 -0.112364 -7.721386
0.42256 -33.740295 -26.874578 -0.291638
-0.004159 -0.311584 -23.997014
0.56341 -33.740295 -26.874578 -0.291638
-0.004159 -0.510847 -52.523675

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.856938 92.553841 0.752239
0.003465 0.471758 71.709454
0.14085 11.856938 92.553841 0.752239
0.003465 0.157088 52.504877
0.28170 11.856938 92.553841 0.752239
0.003465 0.140326 37.198444
0.42256 11.856938 92.553841 0.752239
0.003465 0.376595 41.049456
0.56341 11.856938 92.553841 0.752239
0.003465 0.612804 49.552797

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -28.238439 -23.243088 -0.563202
-0.003940 -0.332226 -11.276398
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2760

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -28.238439 -23.243088 -0.563202
-0.003940 -0.096216 -24.951330
0.28170 -28.238439 -23.243088 -0.563202
-0.003940 -0.171794 -40.510109
0.42256 -28.238439 -23.243088 -0.563202
-0.003940 -0.494195 -67.271413
0.56341 -28.238439 -23.243088 -0.563202
-0.003940 -0.809041 -105.850557

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 17.203124 101.943591 1.236495
0.002994 0.752646 65.089042
0.14085 17.203124 101.943591 1.236495
0.002994 0.234548 49.612056
0.28170 17.203124 101.943591 1.236495
0.002994 0.236951 49.899639
0.42256 17.203124 101.943591 1.236495
0.002994 0.641093 64.687121
0.56341 17.203124 101.943591 1.236495
0.002994 1.045171 82.955430

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -37.169221 -45.984862 -0.963458
-0.003802 -0.571314 -15.788437
0.14085 -37.169221 -45.984862 -0.963458
-0.003802 -0.167391 -23.993805
0.28170 -37.169221 -45.984862 -0.963458
-0.003802 -0.298796 -49.805613
0.42256 -37.169221 -45.984862 -0.963458
-0.003802 -0.816931 -83.864969
0.56341 -37.169221 -45.984862 -0.963458
-0.003802 -1.335065 -126.361645

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 18.447376 99.451953 1.205694
0.003099 0.731609 59.079981
0.14085 18.447376 99.451953 1.205694
0.003099 0.226299 41.386031
0.28170 18.447376 99.451953 1.205694
0.003099 0.242002 41.814390
0.42256 18.447376 99.451953 1.205694
0.003099 0.654240 54.459608
0.56341 18.447376 99.451953 1.205694
0.003099 1.066392 70.019853

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -35.470481 -39.134887 -0.982712
-0.003473 -0.582412 -19.739779
0.14085 -35.470481 -39.134887 -0.982712
-0.003473 -0.170382 -27.746218
0.28170 -35.470481 -39.134887 -0.982712
-0.003473 -0.291659 -50.564285
0.42256 -35.470481 -39.134887 -0.982712
-0.003473 -0.796960 -82.459963
0.56341 -35.470481 -39.134887 -0.982712
-0.003473 -1.302249 -123.950013

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.618495	20.327197	0.280492
0.000932	0.167042	9.398742	
0.14085	2.618495	20.327197	0.280492
0.000932	0.049341	4.325169	
0.28170	2.618495	20.327197	0.280492
0.000932	0.065555	3.472722	
0.42256	2.618495	20.327197	0.280492
0.000932	0.174953	3.578259	
0.56341	2.618495	20.327197	0.280492
0.000932	0.284295	3.957976	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2761

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.521362	-2.171179	-0.260710
-0.000494	-0.153077	-7.358386	
0.14085	-8.521362	-2.171179	-0.260710
-0.000494	-0.043713	-7.666670	
0.28170	-8.521362	-2.171179	-0.260710
-0.000494	-0.068262	-8.426985	
0.42256	-8.521362	-2.171179	-0.260710
-0.000494	-0.185904	-16.804890	
0.56341	-8.521362	-2.171179	-0.260710
-0.000494	-0.303543	-25.321868	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.763872	46.764299	0.499084
0.001743	0.297437	13.961060	
0.14085	23.763872	46.764299	0.499084
0.001743	0.088130	3.703266	
0.28170	23.763872	46.764299	0.499084
0.001743	0.123893	2.022589	
0.42256	23.763872	46.764299	0.499084
0.001743	0.333781	2.909158	
0.56341	23.763872	46.764299	0.499084
0.001743	0.543607	3.989085	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.014394	-2.699262	-0.500305
-0.000796	-0.295873	-24.250501	
0.14085	-12.014394	-2.699262	-0.500305
-0.000796	-0.086172	-32.254286	
0.28170	-12.014394	-2.699262	-0.500305
-0.000796	-0.122082	-40.736397	
0.42256	-12.014394	-2.699262	-0.500305
-0.000796	-0.331365	-58.717409	
0.56341	-12.014394	-2.699262	-0.500305
-0.000796	-0.540639	-78.210624	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.700052	59.592670	0.815248
0.001602	0.489065	27.036687	
0.14085	11.700052	59.592670	0.815248
0.001602	0.147159	21.549493	
0.28170	11.700052	59.592670	0.815248
0.001602	0.173762	26.057306	
0.42256	11.700052	59.592670	0.815248
0.001602	0.466058	33.652187	
0.56341	11.700052	59.592670	0.815248
0.001602	0.758214	41.552964	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.327684	-19.133554	-0.696598
-0.000816	-0.410593	-16.734691	
0.14085	-18.327684	-19.133554	-0.696598
-0.000816	-0.119535	-30.538160	
0.28170	-18.327684	-19.133554	-0.696598
-0.000816	-0.196186	-45.028047	
0.42256	-18.327684	-19.133554	-0.696598
-0.000816	-0.538021	-68.258618	
0.56341	-18.327684	-19.133554	-0.696598
-0.000816	-0.879884	-93.139410	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.258186	106.787336	1.109836
0.003478	0.677537	69.752683	
0.14085	12.258186	106.787336	1.109836
0.003478	0.212605	44.224553	
0.28170	12.258186	106.787336	1.109836
0.003478	0.219540	37.193562	
0.42256	12.258186	106.787336	1.109836
0.003478	0.591342	45.512557	
0.56341	12.258186	106.787336	1.109836
0.003478	0.963030	57.282140	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2762

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.687270	-30.377201	-0.886230
-0.003734	-0.523891	-17.640414	
0.14085	-41.687270	-30.377201	-0.886230
-0.003734	-0.152326	-25.595422	
0.28170	-41.687270	-30.377201	-0.886230
-0.003734	-0.426758	-45.355911	
0.42256	-41.687270	-30.377201	-0.886230
-0.003734	-0.732508	-81.194433	
0.56341	-41.687270	-30.377201	-0.886230
-0.003734	-1.197526	-125.814599	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	38.784359	5.040760	1.152052
0.000617	0.678174	1.147972	
0.14085	38.784359	5.040760	1.152052
0.000617	0.194812	11.094502	
0.28170	38.784359	5.040760	1.152052
0.000617	0.310374	39.768306	
0.42256	38.784359	5.040760	1.152052
0.000617	0.857745	69.362581	
0.56341	38.784359	5.040760	1.152052
0.000617	1.405257	99.123236	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.451826	-71.512375	-1.304935
-0.001386	-0.782935	-25.945193	
0.14085	-3.451826	-71.512375	-1.304935
-0.001386	-0.173578	-11.171396	
0.28170	-3.451826	-71.512375	-1.304935
-0.001386	-0.288261	-12.100566	
0.42256	-3.451826	-71.512375	-1.304935
-0.001386	-0.771425	-13.830536	
0.56341	-3.451826	-71.512375	-1.304935
-0.001386	-1.254511	-15.730441	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	36.109923	87.120133	1.881406
0.004192	1.146620	84.853374	
0.14085	36.109923	87.120133	1.881406
0.004192	0.359363	69.340664	
0.28170	36.109923	87.120133	1.881406
0.004192	0.451779	74.152691	
0.42256	36.109923	87.120133	1.881406
0.004192	1.235877	103.311948	
0.56341	36.109923	87.120133	1.881406
0.004192	2.020729	140.086638	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-40.546955	-90.808434	-1.870015
-0.006940	-1.115245	-25.375347	
0.14085	-40.546955	-90.808434	-1.870015
-0.006940	-0.332313	-10.658183	
0.28170	-40.546955	-90.808434	-1.870015
-0.006940	-0.453716	-16.167723	
0.42256	-40.546955	-90.808434	-1.870015
-0.006940	-1.240068	-39.444086	
0.56341	-40.546955	-90.808434	-1.870015
-0.006940	-2.026519	-74.893451	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	33.978736	99.684680	2.103260
0.003318	1.271412	69.098159	
0.14085	33.978736	99.684680	2.103260
0.003318	0.389797	58.098622	
0.28170	33.978736	99.684680	2.103260
0.003318	0.503093	68.122321	
0.42256	33.978736	99.684680	2.103260
0.003318	1.375023	97.253024	
0.56341	33.978736	99.684680	2.103260
0.003318	2.247668	131.975989	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2763

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-35.873970	-85.313739	-2.078792
-0.005217	-1.237067	-23.830952	
0.14085	-35.873970	-85.313739	-2.078792
-0.005217	-0.366199	-22.006456	
0.28170	-35.873970	-85.313739	-2.078792
-0.005217	-0.507847	-39.937427	
0.42256	-35.873970	-85.313739	-2.078792
-0.005217	-1.388479	-72.162237	
0.56341	-35.873970	-85.313739	-2.078792
-0.005217	-2.269033	-113.197103	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.553536	115.057470	2.028722
0.003355	1.271412	61.234964	
0.14085	42.553536	115.057470	2.028722
0.003355	0.372294	48.708354	
0.28170	42.553536	115.057470	2.028722
0.003355	0.495309	57.643171	
0.42256	42.553536	115.057470	2.028722
0.003355	1.355754	82.421390	
0.56341	42.553536	115.057470	2.028722
0.003355	2.216970	111.851052	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-35.183593	-72.301960	-2.051574
-0.004532	-1.221732	-31.095895	
0.14085	-35.183593	-72.301960	-2.051574
-0.004532	-0.362381	-39.444548	
0.28170	-35.183593	-72.301960	-2.051574
-0.004532	-0.491187	-67.102529	
0.42256	-35.183593	-72.301960	-2.051574
-0.004532	-1.349717	-106.685391	
0.56341	-35.183593	-72.301960	-2.051574
-0.004532	-2.190411	-153.542801	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152681	64.277152	0.706897
0.002452	0.448242	72.835765	
0.14085	0.152681	64.277152	0.706897
0.002452	0.153266	57.671496	
0.28170	0.152681	64.277152	0.706897
0.002452	0.133092	44.088597	
0.42256	0.152681	64.277152	0.706897
0.002452	0.354531	47.430571	
0.56341	0.152681	64.277152	0.706897
0.002452	0.576619	56.791952	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.961240	-24.828656	-0.528900
-0.003724	-0.309692	-1.756833	
0.14085	-41.961240	-24.828656	-0.528900
-0.003724	-0.089029	-3.149249	
0.28170	-41.961240	-24.828656	-0.528900
-0.003724	-0.160149	-7.546863	
0.42256	-41.961240	-24.828656	-0.528900
-0.003724	-0.454752	-24.376638	
0.56341	-41.961240	-24.828656	-0.528900
-0.003724	-0.749390	-50.427916	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.810484	107.470354	1.091649
0.002820	0.674478	69.712330	
0.14085	11.810484	107.470354	1.091649
0.002820	0.217435	48.976392	
0.28170	11.810484	107.470354	1.091649
0.002820	0.236338	33.362448	
0.42256	11.810484	107.470354	1.091649
0.002820	0.639313	35.626508	
0.56341	11.810484	107.470354	1.091649
0.002820	1.043135	43.415159	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2764

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-36.736185	-20.644887	-0.961726
-0.003607	-0.568162	-10.754635	
0.14085	-36.736185	-20.644887	-0.961726
-0.003607	-0.165529	-28.959273	
0.28170	-36.736185	-20.644887	-0.961726
-0.003607	-0.245189	-51.383755	
0.42256	-36.736185	-20.644887	-0.961726
-0.003607	-0.711663	-87.388022	
0.56341	-36.736185	-20.644887	-0.961726
-0.003607	-1.168087	-131.721497	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	22.706853	110.045701	1.859069
0.002417	1.122975	61.062648	
0.14085	22.706853	110.045701	1.859069
0.002417	0.343288	48.605933	
0.28170	22.706853	110.045701	1.859069
0.002417	0.429871	55.084880	
0.42256	22.706853	110.045701	1.859069
0.002417	1.169851	74.505373	
0.56341	22.706853	110.045701	1.859069
0.002417	1.910858	97.724202	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-43.617714	-57.138106	-1.764959
-0.003437	-1.047993	-17.133628	
0.14085	-43.617714	-57.138106	-1.764959
-0.003437	-0.308415	-27.706550	
0.28170	-43.617714	-57.138106	-1.764959
-0.003437	-0.445327	-57.778661	
0.42256	-43.617714	-57.138106	-1.764959
-0.003437	-1.224535	-97.786936	
0.56341	-43.617714	-57.138106	-1.764959
-0.003437	-2.003253	-143.347261	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.402318	116.281323	1.840528
0.002654	1.109050	57.099855	
0.14085	23.402318	116.281323	1.840528
0.002654	0.337318	46.531120	
0.28170	23.402318	116.281323	1.840528
0.002654	0.431783	46.320939	
0.42256	23.402318	116.281323	1.840528
0.002654	1.174104	62.872596	
0.56341	23.402318	116.281323	1.840528
0.002654	1.917813	82.668344	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.170368	-48.676329	-1.770899
-0.003159	-1.105294	-20.378461	
0.14085	-44.170368	-48.676329	-1.770899
-0.003159	-0.308287	-32.866565	
0.28170	-44.170368	-48.676329	-1.770899
-0.003159	-0.441754	-66.401825	
0.42256	-44.170368	-48.676329	-1.770899
-0.003159	-1.213075	-108.887040	
0.56341	-44.170368	-48.676329	-1.770899
-0.003159	-1.984328	-157.147194	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.077038	30.452116	0.466023
0.000976	0.279136	13.410055	
0.14085	3.077038	30.452116	0.466023
0.000976	0.083707	4.553601	
0.28170	3.077038	30.452116	0.466023
0.000976	0.109098	3.553200	
0.42256	3.077038	30.452116	0.466023
0.000976	0.292517	4.324579	
0.56341	3.077038	30.452116	0.466023
0.000976	0.476800	5.327852	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2765

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.257255	-3.129069	-0.437914
-0.000488	-0.256155	-6.874740	
0.14085	-18.257255	-3.129069	-0.437914
-0.000488	-0.072753	-8.508328	
0.28170	-18.257255	-3.129069	-0.437914
-0.000488	-0.111641	-16.497146	
0.42256	-18.257255	-3.129069	-0.437914
-0.000488	-0.306912	-28.923764	
0.56341	-18.257255	-3.129069	-0.437914
-0.000488	-0.502371	-41.482001	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.891948	75.205015	0.811485
0.001705	0.483590	17.683659	
0.14085	24.891948	75.205015	0.811485
0.001705	0.143347	3.874814	
0.28170	24.891948	75.205015	0.811485
0.001705	0.205501	2.665885	
0.42256	24.891948	75.205015	0.811485
0.001705	0.560223	3.618831	
0.56341	24.891948	75.205015	0.811485
0.001705	0.916225	4.950391	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.888997	-3.343010	-0.846731
-0.000721	-0.501940	-23.493068	
0.14085	-21.888997	-3.343010	-0.846731
-0.000721	-0.147312	-39.888996	
0.28170	-21.888997	-3.343010	-0.846731
-0.000721	-0.196792	-66.186374	
0.42256	-21.888997	-3.343010	-0.846731
-0.000721	-0.246276	-97.153059	
0.56341	-21.888997	-3.343010	-0.846731
-0.000721	-0.877643	-128.575519	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.231873	86.380276	1.217801
0.001489	0.729081	30.241360	
0.14085	14.231873	86.380276	1.217801
0.001489	0.217984	20.092392	
0.28170	14.231873	86.380276	1.217801
0.001489	0.281985	23.081307	
0.42256	14.231873	86.380276	1.217801
0.001489	0.763115	29.787824	
0.56341	14.231873	86.380276	1.217801
0.001489	1.245387	36.862997	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.601423	-17.508426	-1.147580
-0.000549	-0.676353	-16.259617	
0.14085	-33.601423	-17.508426	-1.147580
-0.000549	-0.195290	-36.109218	
0.28170	-33.601423	-17.508426	-1.147580
-0.000549	-0.291034	-65.852879	
0.42256	-33.601423	-17.508426	-1.147580
-0.000549	-0.802079	-101.284627	
0.56341	-33.601423	-17.508426	-1.147580
-0.000549	-1.313162	-137.236957	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.051389	120.805439	1.706459
0.002881	1.033555	67.573035	
0.14085	16.051389	120.805439	1.706459
0.002881	0.318270	43.849372	
0.28170	16.051389	120.805439	1.706459
0.002881	0.386196	40.811068	
0.42256	16.051389	120.805439	1.706459
0.002881	1.045685	51.473052	
0.56341	16.051389	120.805439	1.706459
0.002881	1.706668	65.566362	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2766

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.722084	-35.395715	-1.573310
-0.003167	-0.929809	-17.670970	
0.14085	-54.722084	-35.395715	-1.573310
-0.003167	-0.270739	-30.270913	
0.28170	-54.722084	-35.395715	-1.573310
-0.003167	-0.405713	-62.213179	
0.42256	-54.722084	-35.395715	-1.573310
-0.003167	-1.120600	-106.966848	
0.56341	-54.722084	-35.395715	-1.573310
-0.003167	-1.835508	-157.023472	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.683902	106.787336	1.408715
0.004485	0.857576	79.998864	
0.14085	26.683902	106.787336	1.408715
0.004485	0.267433	66.137029	
0.28170	26.683902	106.787336	1.408715
0.004485	0.373543	61.009793	
0.42256	26.683902	106.787336	1.408715
0.004485	0.741258	80.823733	
0.56341	26.683902	106.787336	1.408715
0.004485	1.208903	106.018100	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.687270	-63.781035	-1.115092
-0.006497	-0.661945	-24.250501	
0.14085	-41.687270	-63.781035	-1.115092
-0.006497	-0.194450	-35.246925	
0.28170	-41.687270	-63.781035	-1.115092
-0.006497	-0.341639	-53.669110	
0.42256	-41.687270	-63.781035	-1.115092
-0.006497	-0.931930	-83.864969	
0.56341	-41.687270	-63.781035	-1.115092
-0.006497	-1.522201	-126.361645	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.553536	120.805439	2.103260
0.004192	1.271412	84.853374	
0.14085	42.553536	120.805439	2.103260
0.004192	0.389797	69.340664	
0.28170	42.553536	120.805439	2.103260
0.004192	0.503093	74.152691	
0.42256	42.553536	120.805439	2.103260
0.004192	1.375023	103.311948	
0.56341	42.553536	120.805439	2.103260
0.004192	2.247668	140.086638	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.722084	-90.808434	-2.078792
-0.006940	-1.237067	-31.095895	
0.14085	-54.722084	-90.808434	-2.078792
-0.006940	-0.366199	-39.888996	
0.28170	-54.722084	-90.808434	-2.078792
-0.006940	-0.507847	-67.102529	
0.42256	-54.722084	-90.808434	-2.078792
-0.006940	-1.388479	-108.887040	
0.56341	-54.722084	-90.808434	-2.078792
-0.006940	-2.269033	-157.147194	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.553536	120.805439	2.103260
0.004485	1.271412	84.853374	
0.14085	42.553536	120.805439	2.103260
0.004485	0.389797	69.340664	
0.28170	42.553536	120.805439	2.103260
0.004485	0.503093	74.152691	
0.42256	42.553536	120.805439	2.103260
0.004485	1.375023	103.311948	
0.56341	42.553536	120.805439	2.103260
0.004485	2.247668	140.086638	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2767

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.722084	-90.808434	-2.078792
-0.006940	-1.237067	-31.095895	
0.14085	-54.722084	-90.808434	-2.078792
-0.006940	-0.366199	-39.888996	
0.28170	-54.722084	-90.808434	-2.078792
-0.006940	-0.507847	-67.102529	
0.42256	-54.722084	-90.808434	-2.078792
-0.006940	-1.388479	-108.887040	
0.56341	-54.722084	-90.808434	-2.078792
-0.006940	-2.269033	-157.147194	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.553536	120.805439	2.103260
0.004485	1.271412	84.853374	
0.14085	42.553536	120.805439	2.103260
0.004485	0.389797	69.340664	
0.28170	42.553536	120.805439	2.103260
0.004485	0.503093	74.152691	
0.42256	42.553536	120.805439	2.103260
0.004485	1.375023	103.311948	
0.56341	42.553536	120.805439	2.103260
0.004485	2.247668	140.086638	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.722084	-90.808434	-2.078792
-0.006940	-1.237067	-31.095895	
0.14085	-54.722084	-90.808434	-2.078792
-0.006940	-0.366199	-39.888996	
0.28170	-54.722084	-90.808434	-2.078792
-0.006940	-0.507847	-67.102529	
0.42256	-54.722084	-90.808434	-2.078792
-0.006940	-1.388479	-108.887040	
0.56341	-54.722084	-90.808434	-2.078792
-0.006940	-2.269033	-157.147194	

ELEM 254 ========== LENGTH = 2.977394

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	19.743639	2.287675	0.777801
0.000976	0.817812	4.275161	
0.57041	19.743639	2.287675	0.777801
0.000976	0.491643	3.319981	
0.71831	19.743639	2.287675	0.777801
0.000976	0.165417	2.373624	
0.85916	19.743639	2.287675	0.777801
0.000976	0.141133	1.461405	
1.00000	19.743639	2.287675	0.777801
0.000976	0.427028	0.737892	

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -3.291800 -38.240342 -0.681718
-0.000939 -0.716483 -72.974425
0.57747 -3.291800 -38.240342 -0.681718
-0.000939 -0.430605 -56.939926
0.71831 -3.291800 -38.240342 -0.681718
-0.000939 -0.144727 -40.969851
0.85916 -3.291800 -38.240342 -0.681718
-0.000939 -0.160614 -25.041142
1.00000 -3.291800 -38.240342 -0.681718
-0.000939 -0.486866 -9.347109

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 19.578320 24.972354 1.202227
0.004802 1.260075 39.928732
0.57747 19.578320 24.972354 1.202227
0.004802 0.759923 29.493563
0.71831 19.578320 24.972354 1.202227
0.004802 0.255681 22.213912
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2768

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85916 19.578320 24.972354 1.202227
0.004802 0.216088 38.448725
1.00000 19.578320 24.972354 1.202227
0.004802 0.651878 57.838360

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -35.370247 -96.296906 -1.040742
-0.004753 -1.093856 -116.296890
0.57747 -35.370247 -96.296906 -1.040742
-0.004753 -0.657422 -76.600110
0.71831 -35.370247 -96.296906 -1.040742
-0.004753 -0.220964 -45.996021
0.85916 -35.370247 -96.296906 -1.040742
-0.004753 -0.249655 -26.606675
1.00000 -35.370247 -96.296906 -1.040742
-0.004753 -0.752531 -15.703758

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 17.555856 37.737563 1.355099
0.003834 1.424680 65.161180
0.57747 17.555856 37.737563 1.355099
0.003834 0.856421 49.336409
0.71831 17.555856 37.737563 1.355099
0.003834 0.288067 35.612897
0.85916 17.555856 37.737563 1.355099
0.003834 0.264595 37.828782
1.00000 17.555856 37.737563 1.355099
0.003834 0.799453 41.059433

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -27.998052 -70.656305 -1.276456
-0.003793 -1.341667 -92.602475
0.57747 -27.998052 -70.656305 -1.276456
-0.003793 -0.806387 -63.098028
0.71831 -27.998052 -70.656305 -1.276456
-0.003793 -0.271046 -33.593970
0.85916 -27.998052 -70.656305 -1.276456
-0.003793 -0.280946 -23.930762
1.00000 -27.998052 -70.656305 -1.276456
-0.003793 -0.848356 -12.762099

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 32.577939 49.862192 1.311504
0.003502 1.378556 82.219182
0.57747 32.577939 49.862192 1.311504
0.003502 0.829577 61.504911
0.71831 32.577939 49.862192 1.311504
0.003502 0.278508 43.296843
0.85916 32.577939 49.862192 1.311504
0.003502 0.271932 38.979858
1.00000 32.577939 49.862192 1.311504
0.003502 0.822916 36.206788

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -27.444168 -59.802469 -1.314636
-0.003494 -1.382245 -79.057294
0.57747 -27.444168 -59.802469 -1.314636
-0.003494 -0.830955 -54.083115
0.71831 -27.444168 -59.802469 -1.314636
-0.003494 -0.279568 -34.203721
0.85916 -27.444168 -59.802469 -1.314636
-0.003494 -0.272067 -21.093180
1.00000 -27.444168 -59.802469 -1.314636
-0.003494 -0.821351 -18.550592

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 0.233985 25.722642 0.427590
0.003283 0.449372 44.314450
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2769

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57747 0.233985 25.722642 0.427590
0.003283 0.270063 33.555545
0.71831 0.233985 25.722642 0.427590
0.003283 0.090740 25.419443
0.85916 0.233985 25.722642 0.427590
0.003283 0.083819 36.983004
1.00000 0.233985 25.722642 0.427590
0.003283 0.251990 52.401997

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -36.666692 -52.165940 -0.402342
-0.003283 -0.422897 -38.797241
0.57747 -36.666692 -52.165940 -0.402342
-0.003283 -0.254175 -17.910697
0.71831 -36.666692 -52.165940 -0.402342
-0.003283 -0.085445 -4.571383
0.85916 -36.666692 -52.165940 -0.402342
-0.003283 -0.089695 -0.499331
1.00000 -36.666692 -52.165940 -0.402342
-0.003283 -0.267864 -5.280545

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 14.519733 52.730951 0.679040
0.003417 0.713508 84.864353
0.57747 14.519733 52.730951 0.679040
0.003417 0.428750 62.950458
0.71831 14.519733 52.730951 0.679040
0.003417 0.143964 44.434711
0.85916 14.519733 52.730951 0.679040
0.003417 0.157562 44.971844
1.00000 14.519733 52.730951 0.679040
0.003417 0.475746 47.292375

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -30.444237 -39.133381 -0.759915
-0.003425 -0.798929 -26.829887
0.57747 -30.444237 -39.133381 -0.759915
-0.003425 -0.480261 -10.559968
0.71831 -30.444237 -39.133381 -0.759915
-0.003425 -0.161525 -1.315058
0.85916 -30.444237 -39.133381 -0.759915
-0.003425 -0.141827 -1.370127
1.00000 -30.444237 -39.133381 -0.759915
-0.003425 -0.425506 -11.141504

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 21.129476 58.243482 1.169920
0.003115 1.229857 102.922066
0.57747 21.129476 58.243482 1.169920
0.003115 0.739250 78.760294
0.71831 21.129476 58.243482 1.169920
0.003115 0.248572 57.198924
0.85916 21.129476 58.243482 1.169920
0.003115 0.237332 49.283934
1.00000 21.129476 58.243482 1.169920
0.003115 0.717507 42.757844

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -41.716775 -49.274806 -1.145853
-0.003090 -1.204539 -58.228622
0.57747 -41.716775 -49.274806 -1.145853
-0.003090 -0.724028 -37.718559
0.71831 -41.716775 -49.274806 -1.145853
-0.003090 -0.243455 -22.207631
0.85916 -41.716775 -49.274806 -1.145853
-0.003090 -0.242638 -13.555007
1.00000 -41.716775 -49.274806 -1.145853
-0.003090 0.732557 -13.154082
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2770

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 22.511315 59.554762 1.171571
0.002923 1.231476 107.486866
0.57747 22.511315 59.554762 1.171571
0.002923 0.740177 82.734139
0.71831 22.511315 59.554762 1.171571
0.002923 0.248809 60.012898
0.85916 22.511315 59.554762 1.171571
0.002923 0.246609 48.638691
1.00000 22.511315 59.554762 1.171571
0.002923 0.747128 38.518121

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -40.260351 -42.365868 -1.194125
-0.002938 -1.255888 -50.947804
0.57747 -40.260351 -42.365868 -1.194125
-0.002938 -0.755134 -33.309963
0.71831 -40.260351 -42.365868 -1.194125
-0.002938 -0.254282 -19.585641
0.85916 -40.260351 -42.365868 -1.194125
-0.002938 -0.242996 -11.989205
1.00000 -40.260351 -42.365868 -1.194125
-0.002938 -0.733709 -13.198112

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 3.166774 15.737090 0.310677
0.000502 0.326504 31.106630
0.57747 3.166774 15.737090 0.310677
0.000502 0.196222 24.527863
0.71831 3.166774 15.737090 0.310677
0.000502 0.065927 17.965248
0.85916 3.166774 15.737090 0.310677
0.000502 0.072145 11.570625
1.00000 3.166774 15.737090 0.310677
0.000502 0.220846 5.239739

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -10.359360 -2.562633 -0.354412
-0.000564 -0.373643 -4.079346
0.57747 -10.359360 -2.562633 -0.354412
-0.000564 -0.225021 -3.147865
0.71831 -10.359360 -2.562633 -0.354412
-0.000564 -0.076322 -2.226118
0.85916 -10.359360 -2.562633 -0.354412
-0.000564 -0.064331 -1.386712
1.00000 -10.359360 -2.562633 -0.354412
-0.000564 -0.194624 -0.879021

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 28.967841 44.641901 0.524999
0.000975 0.351563 70.594723
0.57747 28.967841 44.641901 0.524999
0.000975 0.331400 52.187976
0.71831 28.967841 44.641901 0.524999
0.000975 0.111207 35.494520
0.85916 28.967841 44.641901 0.524999
0.000975 0.136196 21.462750
1.00000 28.967841 44.641901 0.524999
0.000975 0.415412 8.647165

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -14.482967 -4.637613 -0.665569
-0.001056 -0.701007 -6.772458
0.57747 -14.482967 -4.637613 -0.665569
-0.001056 -0.421902 -4.833599
0.71831 -14.482967 -4.637613 -0.665569
-0.001056 -0.142685 -3.185131
0.85916 -14.482967 -4.637613 -0.665569
-0.001056 -0.108928 -3.245780
1.00000 -14.482967 -4.637613 -0.665569
-0.001056 -0.329069 -12.496004
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2771

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 14.296107 50.593759 0.794550
0.001213 0.834809 89.754892
0.57747 14.296107 50.593759 0.794550
0.001213 0.501613 68.714891
0.71831 14.296107 50.593759 0.794550
0.001213 0.168371 48.667477
0.85916 14.296107 50.593759 0.794550
0.001213 0.193079 30.510465
1.00000 14.296107 50.593759 0.794550
0.001213 0.587126 13.026981

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -22.400686 -5.655425 -0.939485
-0.001283 -0.988758 -7.177415
0.57747 -22.400686 -5.655425 -0.939485
-0.001283 -0.594787 -4.815154
0.71831 -22.400686 -5.655425 -0.939485
-0.001283 -0.200674 -2.914522
0.85916 -22.400686 -5.655425 -0.939485
-0.001283 -0.164790 -2.205796
1.00000 -22.400686 -5.655425 -0.939485
-0.001283 -0.497962 -6.071565

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 15.038803 66.487206 1.076221
0.003126 1.131195 121.492849
0.57747 15.038803 66.487206 1.076221
0.003126 0.679881 93.614477
0.71831 15.038803 66.487206 1.076221
0.003126 0.228488 68.252505
0.85916 15.038803 66.487206 1.076221
0.003126 0.230304 56.236654
1.00000 15.038803 66.487206 1.076221
0.003126 0.698300 45.519561

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -47.711651 -38.728264 -1.116664
-0.003154 -1.174788 -39.043498
0.57747 -47.711651 -38.728264 -1.116664
-0.003154 -0.706516 -22.929652
0.71831 -47.711651 -38.728264 -1.116664
-0.003154 -0.238125 -11.771506
0.85916 -47.711651 -38.728264 -1.116664
-0.003154 -0.223451 -7.188853
1.00000 -47.711651 -38.728264 -1.116664
-0.003154 -0.674051 -9.769256

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 48.527585 2.946014 1.203094
0.001068 1.264780 5.548480
0.57747 48.527585 2.946014 1.203094
0.001068 0.760279 4.323460
0.71831 48.527585 2.946014 1.203094
0.001068 0.255645 3.109677
0.85916 48.527585 2.946014 1.203094
0.001068 0.292832 1.940055
1.00000 48.527585 2.946014 1.203094
0.001068 0.883155 0.913164

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -4.174006 -82.048271 -1.407763
-0.001030 -1.477162 -158.346378
0.57747 -4.174006 -82.048271 -1.407763
-0.001030 -0.866682 -123.948497
0.71831 -4.174006 -82.048271 -1.407763
-0.001030 -0.296294 -89.563878
0.85916 -4.174006 -82.048271 -1.407763
-0.001030 -0.248475 -55.213823
1.00000 -4.174006 -82.048271 -1.407763
-0.001030 -0.753278 -21.110638
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2772

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 45.129575 25.230798 1.856412
0.004406 1.948967 43.313716
0.57747 45.129575 25.230798 1.856412
0.004406 1.170435 33.548761
0.71831 45.129575 25.230798 1.856412
0.004406 0.393091 29.103744
0.85916 45.129575 25.230798 1.856412
0.004406 0.443595 30.892243
1.00000 45.129575 25.230798 1.856412
0.004406 1.322075 71.751201

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -44.775692 -150.192835 -2.106563
-0.004341 -2.209821 -206.107314
0.57747 -44.775692 -150.192835 -2.106563
-0.004341 -1.325917 -143.751289
0.71831 -44.775692 -150.192835 -2.106563
-0.004341 -0.441988 -81.396290
0.85916 -44.775692 -150.192835 -2.106563
-0.004341 -0.391665 -54.999773
1.00000 -44.775692 -150.192835 -2.106563
-0.004341 -1.164638 -25.735269

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 42.149188 58.969000 2.040374
0.003626 2.143501 104.851522
0.57747 42.149188 58.969000 2.040374
0.003626 1.287696 80.661370
0.71831 42.149188 58.969000 2.040374
0.003626 0.432285 60.197280
0.85916 42.149188 58.969000 2.040374
0.003626 0.500303 56.899094
1.00000 42.149188 58.969000 2.040374
0.003626 1.502528 55.084395

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -41.028832 -119.781131 -2.398619
-0.003567 -2.517894 -173.461029
0.57747 -41.028832 -119.781131 -2.398619
-0.003567 -1.515199 -123.636241
0.71831 -41.028832 -119.781131 -2.398619
-0.003567 -0.506955 -81.607901
0.85916 -41.028832 -119.781131 -2.398619
-0.003567 -0.426145 -49.321073
1.00000 -41.028832 -119.781131 -2.398619
-0.003567 -1.278479 -22.490761

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 52.540645 86.755227 1.985467
0.003298 2.086097 146.873212
0.57747 52.540645 86.755227 1.985467
0.003298 1.253123 110.951999
0.71831 52.540645 86.755227 1.985467
0.003298 0.420784 78.258715
0.85916 52.540645 86.755227 1.985467
0.003298 0.498028 60.755206
1.00000 52.540645 86.755227 1.985467
0.003298 1.499194 48.563819

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -40.585414 -100.940438 -2.394975
-0.003293 -2.514773 -146.864304
0.57747 -40.585414 -100.940438 -2.394975
-0.003293 -1.509489 -104.871454
0.71831 -40.585414 -100.940438 -2.394975
-0.003293 -0.506618 -69.349315
0.85916 -40.585414 -100.940438 -2.394975
-0.003293 -0.413741 -42.358733
1.00000 -40.585414 -100.940438 -2.394975
-0.003293 -1.243529 -26.238096

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2773

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 0.182483 27.860524 0.612345
0.002420 0.641872 53.513078
0.57747 0.182483 27.860524 0.612345
0.002420 0.384984 42.494196
0.71831 0.182483 27.860524 0.612345
0.002420 0.129043 35.284107
0.85916 0.182483 27.860524 0.612345
0.002420 0.143871 45.404246
1.00000 0.182483 27.860524 0.612345
0.002420 0.425179 58.888055

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -48.616089 -54.375070 -0.679145
-0.002420 -0.712888 -41.664946
0.57747 -48.616089 -54.375070 -0.679145
-0.002420 -0.427783 -19.393925
0.71831 -48.616089 -54.375070 -0.679145
-0.002420 -0.144401 -4.915792
0.85916 -48.616089 -54.375070 -0.679145
-0.002420 -0.131945 -0.402850
1.00000 -48.616089 -54.375070 -0.679145
-0.002420 -0.384860 -4.444440

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 14.321875 82.532524 0.978555
0.002611 1.027378 140.891224
0.57747 14.321875 82.532524 0.978555
0.002611 0.616846 106.790051
0.71831 14.321875 82.532524 0.978555
0.002611 0.206668 76.375717
0.85916 14.321875 82.532524 0.978555
0.002611 0.253381 63.387639
1.00000 14.321875 82.532524 0.978555
0.002611 0.759504 54.690050

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -42.608791 -41.805592 -1.215067
-0.002626 -1.276152 -28.270432
0.57747 -42.608791 -41.805592 -1.215067
-0.002626 -0.766069 -11.121600
0.71831 -42.608791 -41.805592 -1.215067
-0.002626 -0.257932 -1.316082
0.85916 -42.608791 -41.805592 -1.215067
-0.002626 -0.206232 -1.233482
1.00000 -42.608791 -41.805592 -1.215067
-0.002626 -0.613537 -10.229775

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 27.739320 86.339829 1.765358
0.002436 1.855060 154.371618
0.57747 27.739320 86.339829 1.765358
0.002436 1.114758 118.533802
0.71831 27.739320 86.339829 1.765358
0.002436 0.373798 85.169241
0.85916 27.739320 86.339829 1.765358
0.002436 0.433067 63.532781
1.00000 27.739320 86.339829 1.765358
0.002436 1.306039 46.001489

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -51.811433 -68.635511 -2.087171
-0.002382 -2.192551 -92.833317
0.57747 -51.811433 -68.635511 -2.087171
-0.002382 -1.316508 -64.348125
0.71831 -51.811433 -68.635511 -2.087171
-0.002382 -0.442267 -40.681092
0.85916 -51.811433 -68.635511 -2.087171
-0.002382 -0.366999 -23.609072
1.00000 -51.811433 -68.635511 -2.087171
-0.002382 -1.105700 -14.472002
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2774

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 28.456790 97.228637 1.772109
0.002339 1.862333 174.404899
0.57747 28.456790 97.228637 1.772109
0.002339 1.119168 133.952097
0.71831 28.456790 97.228637 1.772109
0.002339 0.375709 95.545935
0.85916 28.456790 97.228637 1.772109
0.002339 0.440034 66.790379
1.00000 28.456790 97.228637 1.772109
0.002339 1.330575 42.566447

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -52.551412 -58.658234 -2.128567
-0.002349 -2.236886 -80.137242
0.57747 -52.551412 -58.658234 -2.128567
-0.002349 -1.343209 -55.786860
0.71831 -52.551412 -58.658234 -2.128567
-0.002349 -0.451576 -35.437508
0.85916 -52.551412 -58.658234 -2.128567
-0.002349 -0.367770 -20.619686
1.00000 -52.551412 -58.658234 -2.128567
-0.002349 -1.109403 -14.188187

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 3.731070 29.264252 0.473314
0.000482 0.497980 57.909158
0.57747 3.731070 29.264252 0.473314
0.000482 0.299506 45.648053
0.71831 3.731070 29.264252 0.473314
0.000482 0.101133 33.403002
0.85916 3.731070 29.264252 0.473314
0.000482 0.117980 21.357956
1.00000 3.731070 29.264252 0.473314
0.000482 0.362495 9.753328

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -22.103792 -3.860758 -0.582825
-0.000575 -0.613480 -5.841358
0.57747 -22.103792 -3.860758 -0.582825
-0.000575 -0.369134 -4.404955
0.71831 -22.103792 -3.860758 -0.582825
-0.000575 -0.124845 -2.991905
0.85916 -22.103792 -3.860758 -0.582825
-0.000575 -0.097512 -1.706989
1.00000 -22.103792 -3.860758 -0.582825
-0.000575 -0.295890 -0.974435

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	30.294405	85.064245	0.818252	
0.000862	0.860657	141.590456		
0.57747	30.294405	85.064245	0.818252	
0.000862	0.517539	105.937906		
0.71831	30.294405	85.064245	0.818252	
0.000862	0.174209	70.732003		
0.85916	30.294405	85.064245	0.818252	
0.000862	0.220492	38.599595		
1.00000	30.294405	85.064245	0.818252	
0.000862	0.672889	12.622762		

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-26.258283	-5.104426	-1.079839	
-0.000992	-1.538033	-8.019553		
0.57747	-26.258283	-5.104426	-1.079839	
-0.000992	-0.682690	-5.891474		
0.71831	-26.258283	-5.104426	-1.079839	
-0.000992	-0.230198	-3.989323		
0.85916	-26.258283	-5.104426	-1.079839	
-0.000992	-0.166593	-3.429744		
1.00000	-26.258283	-5.104426	-1.079839	
-0.000992	-0.511584	-12.579924		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2775

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	17.259864	95.564124	1.155532	
0.000921	1.215486	172.371092		
0.57747	17.259864	95.564124	1.155532	
0.000921	0.730685	132.311437		
0.71831	17.259864	95.564124	1.155532	
0.000921	0.245545	92.454151		
0.85916	17.259864	95.564124	1.155532	
0.000921	0.300981	53.942939		
1.00000	17.259864	95.564124	1.155532	
0.000921	0.919461	18.843766		

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-41.706994	-5.430594	-1.476324	
-0.001030	-1.552869	-8.754932		
0.57747	-41.706994	-5.430594	-1.476324	
-0.001030	-0.933434	-6.488426		
0.71831	-41.706994	-5.430594	-1.476324	
-0.001030	-0.314531	-4.237620		
0.85916	-41.706994	-5.430594	-1.476324	
-0.001030	-0.237146	-2.606843		
1.00000	-41.706994	-5.430594	-1.476324	
-0.001030	-0.722303	-6.753221		

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	19.441607	101.553502	1.621521	
0.002319	1.704314	186.652492		
0.57747	19.441607	101.553502	1.621521	
0.002319	1.024111	144.415687		
0.71831	19.441607	101.553502	1.621521	
0.002319	0.343910	104.450644		
0.85916	19.441607	101.553502	1.621521	
0.002319	0.400757	75.248350		
1.00000	19.441607	101.553502	1.621521	
0.002319	1.213263	50.074778		

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-65.377618	-46.120602	-1.942857	
-0.002361	-2.041977	-53.267933		
0.57747	-65.377618	-46.120602	-1.942857	
-0.002361	-1.226789	-34.211189		
0.71831	-65.377618	-46.120602	-1.942857	
-0.002361	-0.412894	-19.558730		
0.85916	-65.377618	-46.120602	-1.942857	
-0.002361	-0.336951	-10.917767		
1.00000	-65.377618	-46.120602	-1.942857	
-0.002361	-1.015415	-10.202996		

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	32.577939	66.487206	1.355099	
0.004802	1.424680	121.349849		
0.57747	32.577939	66.487206	1.355099	
0.004802	0.856421	93.614477		
0.71831	32.577939	66.487206	1.355099	
0.004802	0.288167	68.255605		
0.85916	32.577939	66.487206	1.355099	
0.004802	0.271932	56.236654		
1.00000	32.577939	66.487206	1.355099	
0.004802	0.822916	57.838360		

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-47.711651	-96.296906	-1.314636	
-0.004753	-1.382245	-116.796890		
0.57747	-47.711651	-96.296906	-1.314636	
-0.004753	-0.830955	-76.600110		
0.71831	-47.711651	-96.296906	-1.314636	
-0.004753	-0.279568	-45.996021		
0.85916	-47.711651	-96.296906	-1.314636	
-0.004753	-0.280946	-26.606675		
1.00000	-47.711651	-96.296906	-1.314636	
-0.004753	-0.848356	-18.550592		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2776

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	52.540645	101.553502	2.040374	
0.004406	2.143501	186.652492		
0.57747	52.540645	101.553502	2.040374	
0.004406	1.287696	144.415687		
0.71831	52.540645	101.553502	2.040374	
0.004406	0.432285	104.450644		
0.85916	52.540645	101.553502	2.040374	
0.004406	0.500303	75.248350		
1.00000	52.540645	101.553502	2.040374	
0.004406	1.502528	71.751201		

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-65.377618	-150.192835	-2.398619	
-0.004341	-2.517894	-206.107314		
0.57747	-65.377618	-150.192835	-2.398619	
-0.004341	-1.511199	-143.751289		
0.71831	-65.377618	-150.192835	-2.398619	
-0.004341	-0.506955	-92.433790		
0.85916	-65.377618	-150.192835	-2.398619	
-0.004341	-0.426145	-55.213823		
1.00000	-65.377618	-150.192835	-2.398619	
-0.004341	-1.278479	-26.238096		

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	52.540645	101.553502	2.040374	
0.004802	2.143501	186.652492		
0.57747	52.540645	101.553502	2.040374	
0.004802	1.287696	144.415687		
0.71831	52.540645	101.553502	2.040374	
0.004802	0.432285	104.450644		
0.85916	52.540645	101.553502	2.040374	
0.004802	0.500303	75.248350		
1.00000	52.540645	101.553502	2.040374	
0.004802	1.502528	71.751201		

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43662	-65.377618	-150.192835	-2.398619	
-0.004753	-2.517894	-206.107314		
0.57747	-65.377618	-150.192835	-2.398619	
-0.004753	-1.511199	-143.751289		
0.71831	-65.377618	-150.192835	-2.398619	
-0.004753	-0.506955	-92.433790		
0.85916	-65.377618	-150.192835	-2.398619	
-0.004753	-0.426145	-55.213823		
1.00000	-65.377618	-150.192835	-2.398619	
-0.004753	-1.278479	-26.238096		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2777

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 255 ========== LENGTH = 2.977377

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	19.721741	2.358717	0.794414	
0.000974	1.499849	0.775785		
0.14084	19.721741	2.358717	0.794414	
0.000974	0.166703	7.775909		
0.28169	19.721741	2.358717	0.794414	
0.000974	0.145254	23.041581		
0.42253	19.721741	2.358717	0.794414	
0.000974	0.435645	38.996867		
0.56337	19.721741	2.358717	0.794414	
0.000974	0.726036	54.954891		

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-3.292832	-38.055113	-0.692488	
-0.000939	-0.435527	-9.336034		
0.14084	-3.292832	-38.055113	-0.692488	
-0.000939	-0.145118	-0.637357		
0.28169	-3.292832	-38.055113	-0.692488	
-0.000939	-0.166401	-1.535597		
0.42253	-3.292832	-38.055113	-0.692488	
-0.000939	-0.1499549	-2.2955533		
0.56337	-3.292832	-38.055113	-0.692488	
-0.000939	-0.632681	-3.490347		

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	19.542863	61.536181	1.226218	
0.004793	0.771279	57.837299		
0.14084	19.542863	61.536181	1.226218	
0.004793	0.256973	45.524063		
0.28169	19.542863	61.536181	1.226218	
0.004793	0.221683	41.851747		
0.42253	19.542863	61.536181	1.226218	
0.004793	0.664425	63.375241		
0.56337	19.542863	61.536181	1.226218	
0.004793	1.107138	87.529860		

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-41.044300	-57.965094	-1.055728	
-0.004750	-0.663714	-15.736363		
0.14084	-41.044300	-57.965094	-1.055728	
-0.004750	-0.222145	-3.022265		
0.28169	-41.044300	-57.965094	-1.055728	
-0.004750	-0.257043	-3.134683		
0.42253	-41.044300	-57.965094	-1.055728	
-0.004750	-0.771336	-22.929178		
0.56337	-41.044300	-57.965094	-1.055728	
-0.004750	-1.285546	-47.906635		

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	17.523780	63.064495	1.377505	
0.003490	0.865909	41.069013		
0.14084	17.523780	63.064495	1.377505	
0.003490	0.288146	28.880261		
0.28169	17.523780	63.064495	1.377505	
0.003490	0.271613	28.320005		
0.42253	17.523780	63.064495	1.377505	
0.003490	0.813793	45.166891		
0.56337	17.523780	63.064495	1.377505	
0.003490	1.355842	63.789720		

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-31.911415	-44.661729	-1.292611	
-0.003454	-0.812353	-12.780795		
0.14084	-31.911415	-44.661729	-1.292611	
-0.003454	-0.270971	-7.261845		
0.28169	-31.911415	-44.661729	-1.292611	
-0.003454	-0.289305	-16.531208		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2778

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42253	-31.911415	-44.661729	-1.292611	
-0.003454	-0.867034	-38.894378		
0.56337	-31.911415	-44.661729	-1.292611	
-0.003454	-1.444684	-64.744548		

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	32.560315	70.767272	1.331415	
0.003339	0.836864	36.219094		
0.14084	32.560315	70.767272	1.331415	
0.003339	0.278445	24.223021		
0.28169	32.560315	70.767272	1.331415	
0.003339	0.280162	24.254942		
0.42253	32.560315	70.767272	1.331415	
0.003339	0.839792	38.735806		
0.56337	32.560315	70.767272	1.331415	
0.003339	1.399267	54.690152		

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-30.713744	-38.256962	-1.334167	
-0.003318	-0.838634	-18.566327		
0.14084	-30.713744	-38.256962	-1.334167	
-0.003318	-0.279661	-21.129924		
0.28169	-30.713744	-38.256962	-1.334167	
-0.003318	-0.279695	-35.918164		
0.42253	-30.713744	-38.256962	-1.334167	
-0.003318	-0.838091	-61.602260		
0.56337	-30.713744	-38.256962	-1.334167	
-0.003318	-1.396416	-90.182548		

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.229214	56.578314	0.431244	
0.003026	0.270731	52.404919		
0.14084	0.229214	56.578314	0.431244	
0.003026	0.089887	37.117773		
0.28169	0.229214	56.578314	0.431244	
0.003026	0.085553	22.753455		
0.42253	0.229214	56.578314	0.431244	
0.003026	0.255775	28.855627		
0.56337	0.229214	56.578314	0.431244	
0.003026	0.425961	37.092962		

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-41.440017	-19.947560	-0.405839	
-0.003030	-0.254784	-5.319968		
0.14084	-41.440017	-19.947560	-0.405839	
-0.003030	-0.085525	-2.148638		
0.28169	-41.440017	-19.947560	-0.405839	
-0.003030	-0.090948	-4.280643		
0.42253	-41.440017	-19.947560	-0.405839	
-0.003030	-0.271786	-22.955545		
0.56337	-41.440017	-19.947560	-0.405839	
-0.003030	-0.452628	-45.956531		

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	14.522758	81.489060	0.683298	
0.003020	0.428806	47.307745		
0.14084	14.522758	81.489060	0.683298	
0.003020	0.142221	23.796881		
0.28169	14.522758	81.489060	0.683298	
0.003020	0.161572	6.688685		
0.42253	14.522758	81.489060	0.683298	
0.003020	0.483514	8.630333		
0.56337	14.522758	81.489060	0.683298	
0.003020	0.805310	12.559230		

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-34.937971	-9.652906	-0.767381	
-0.003022	-0.481874	-11.180518		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2779

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14084	-34.937971	-9.652906	-0.767381	
-0.003022	-0.160826	-18.843681		
0.28169	-34.937971	-9.652906	-0.767381	
-0.003022	-0.144257	-33.350522		
0.42253	-34.937971	-9.652906	-0.767381	
-0.003022	-0.430796	-62.844079		
0.56337	-34.937971	-9.652906	-0.767381	
-0.003022	-0.717338	-96.328846		

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	21.108962	79.282410	1.187285	
0.002919	0.746112	42.774872		
0.14084	21.108962	79.282410	1.187285	
0.002919	0.248135	24.198145		
0.28169	21.108962	79.282410	1.187285	
0.002919	0.243885	19.956223		
0.42253	21.108962	79.282410	1.187285	
0.002919	0.730524	30.115563		
0.56337	21.108962	79.282410	1.187285	
0.002919	1.217053	41.779347		

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-44.956070	-28.125196	-1.160217	
-0.002904	-0.790965	-13.127126		
0.14084	-44.956070	-28.125196	-1.160217	
-0.002904	-0.243027	-17.071922		
0.28169	-44.956070	-28.125196	-1.160217	
-0.002904	-0.249597	-34.711760		
0.42253	-44.956070	-28.125196	-1.160217	
-0.002904	-0.747523	-64.330498		
0.56337	-44.956070	-28.125196	-1.160217	
-0.002904	-1.245408	-97.081330		

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	22.495695	77.268674	1.188872	
0.002889	0.747230	38.536350		
0.14084	22.495695	77.268674	1.188872	
0.002889	0.248585	20.391557		
0.28169	22.495695	77.268674	1.188872	
0.002889	0.254784	17.312862		
0.42253	22.495695	77.268674	1.188872	
0.002889	0.764021	26.295016		
0.56337	22.495695	77.268674	1.188872	
0.002889	1.273091	36.537029		

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-42.995299	-24.684340	-1.213968	
-0.002894	-0.763190	-13.213328		
0.14084	-42.995299	-24.684340	-1.213968	
-0.002894	-0.254475	-18.718647		
0.28169	-42.995299	-24.684340	-1.213968	
-0.002894	-0.249808	-35.661180		
0.42253	-42.995299	-24.684340	-1.213968	
-0.002894	-0.748403	-64.599200		
0.56337	-42.995299	-24.684340	-1.213968	
-0.002894	-1.246953	-96.478646		

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	3.174884	15.897870	0.316007	
0.000736	0.198864	5.245485		
0.14084	3.174884	15.897870	0.316007	
0.000736	0.066336	2.487517		
0.28169	3.174884	15.897870	0.316007	
0.000736	0.076556	3.478418		
0.42253	3.174884	15.897870	0.316007	
0.000736	0.230867	4.507664		
0.56337	3.174884	15.897870	0.316007	
0.000736	0.385078	5.541146		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2780

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-10.399529	-2.500214	-0.367744	
-0.000760	-0.231766	-0.880806		
0.14084	-10.399529	-2.500214	-0.367744	
-0.000760	-0.077461	-2.603646		
0.28169	-10.399529	-2.500214	-0.367744	
-0.000760	-0.066154	-8.648647		
0.42253	-10.399529	-2.500214	-0.367744	
-0.000760	-0.198682	-15.301342		
0.56337	-10.399529	-2.500214	-0.367744	
-0.000760	-0.331198	-21.963337		

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	28.977410	45.801787	0.531587	
0.001309	0.334179	8.658758		
0.14084	28.977410	45.801787	0.531587	
0.001309	0.111231	1.684901		
0.28169	28.977410	45.801787	0.531587	
0.001309	0.142956	2.270114		
0.42253	28.977410	45.801787	0.531587	
0.001309	0.429891	3.644187		
0.56337	28.977410	45.801787	0.531587	
0.001309	0.716670	5.100506		

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-14.726349	-3.485614	-0.683878	
-0.001338	-0.430452	-12.499461		
0.14084	-14.726349	-3.485614	-0.683878	
-0.001338	-0.143557	-25.854086		
0.28169	-14.726349	-3.485614	-0.683878	
-0.001338	-0.111611	-43.231766		
0.42253	-14.726349	-3.485614	-0.683878	
-0.001338	-0.334561	-62.120990		
0.56337	-14.726349	-3.485614	-0.683878	
-0.001338	-0.557482	-81.224911		

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	14.311859	52.975941	0.801207	
0.001108	0.503201	13.046543		
0.14084	14.311859	52.975941	0.801207	
0.001108	0.167162	2.647122		
0.28169	14.311859	52.975941	0.801207	
0.001108	0.200927	2.840253		
0.42253	14.311859	52.975941	0.801207	
0.001108	0.603018	4.287405		
0.56337	14.311859	52.975941	0.801207	
0.001108	1.004898	5.865173		

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-22.796598	-3.781900	-0.958356	
-0.001135	-0.602623	-6.076169		
0.14084	-22.796598	-3.781900	-0.958356	
-0.001135	-0.200565	-17.968027		
0.28169	-22.796598	-3.781900	-0.958356	
-0.001135	-0.168742	-37.930502		
0.42253	-22.796598	-3.781900	-0.958356	
-0.001135	-0.504747	-59.734703		
0.56337	-22.796598	-3.781900	-0.958356	
-0.001135	-0.840726	-81.838181		

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	15.036012	87.219212	1.091239	
0.003159	0.685819	45.533713		
0.14084	15.036012	87.219212	1.091239	
0.003159	0.228115	21.494297		
0.28169	15.036012	87.219212	1.091239	
0.003159	0.238557	13.304216		
0.42253	15.036012	87.219212	1.091239	
0.003159	0.715749	19.200402		
0.56337	15.036012	87.219212	1.091239	
0.003159	1.192744	26.568317		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2781

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-50.923218	-17.940143	-1.137478	
-0.003178	-0.715233	-9.791350		
0.14084	-50.923218	-17.940143	-1.137478	
-0.003178	-0.238672	-16.152457		
0.28169	-50.923218	-17.940143	-1.137478	
-0.003178	-0.229321	-36.516045		
0.42253	-50.923218	-17.940143	-1.137478	
-0.003178	-0.686987	-69.665893		
0.56337	-50.923218	-17.940143	-1.137478	
-0.003178	-1.144595	-105.740943		

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	48.471850	3.021147	1.214011	
0.001092	0.763122	0.910604		
0.14084	48.471850	3.021147	1.214011	
0.001092	0.253899	13.969296		
0.28169	48.471850	3.021147	1.214011	
0.001092	0.295610	47.941614		
0.42253	48.471850	3.021147	1.214011	
0.001092	0.882147	82.227941		
0.56337	48.471850	3.021147	1.214011	
0.001092	1.469008	116.528923		

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-4.171689	-81.814339	-1.398791	
-0.001020	-0.876285	-21.086776		
0.14084	-4.171689	-81.814339	-1.398791	
-0.001020	-0.289682	-0.816470		
0.28169	-4.171689	-81.814339	-1.398791	
-0.001020	-0.254900	-1.968078		
0.42253	-4.171689	-81.814339	-1.398791	
-0.001020	-0.764103	-3.208758		
0.56337	-4.171689	-81.814339	-1.398791	
-0.001020	-1.273175	-4.465312		

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	45.039912	76.038100	1.872506	
0.004582	1.178772	71.787504		
0.14084	45.039912	76.038100	1.872506	
0.004582	0.398249	60.183324		
0.28169	45.039912	76.038100	1.872506	
0.004582	0.443992	69.118373		
0.42253	45.039912	76.038100	1.872506	
0.004582	1.327131	105.884631		
0.56337	45.039912	76.038100	1.872506	
0.004582	2.212629	147.571017		

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-51.931568	-100.492248	-2.110527
-0.004483	-1.326087	-25.754743	
0.14084	-51.931568	-100.492248	-2.110527
-0.004483	-0.446453	-3.152087	
0.28169	-51.931568	-100.492248	-2.110527
-0.004483	-0.392552	-4.045325	
0.42253	-51.931568	-100.492248	-2.110527
-0.004483	-1.176539	-28.492852	
0.56337	-51.931568	-100.492248	-2.110527
-0.004483	-1.961855	-59.926654	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.068088	95.997880	2.066162
0.003483	1.299676	55.132531	
0.14084	42.068088	95.997880	2.066162
0.003483	0.435818	42.627668	
0.28169	42.068088	95.997880	2.066162
0.003483	0.507784	54.715278	
0.42253	42.068088	95.997880	2.066162
0.003483	1.519924	86.378756	
0.56337	42.068088	95.997880	2.066162
0.003483	2.534789	121.489222	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2782

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-46.230036	-84.423815	-2.417616
-0.003399	-1.517677	-22.499937	
0.14084	-46.230036	-84.423815	-2.417616
-0.003399	-0.507919	-13.942818	
0.28169	-46.230036	-84.423815	-2.417616
-0.003399	-0.433000	-32.598885	
0.42253	-46.230036	-84.423815	-2.417616
-0.003399	-1.299231	-67.651518	
0.56337	-46.230036	-84.423815	-2.417616
-0.003399	-2.165806	-107.606343	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.467987	117.518794	2.015098
0.003316	1.267205	48.610904	
0.14084	52.467987	117.518794	2.015098
0.003316	0.424522	35.704822	
0.28169	52.467987	117.518794	2.015098
0.003316	0.508077	46.380078	
0.42253	52.467987	117.518794	2.015098
0.003316	1.522069	73.310586	
0.56337	52.467987	117.518794	2.015098
0.003316	2.538463	103.102303	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.941528	-71.627995	-2.421381
-0.003267	-1.519984	-26.245238	
0.14084	-44.941528	-71.627995	-2.421381
-0.003267	-0.507958	-32.592774	
0.28169	-44.941528	-71.627995	-2.421381
-0.003267	-0.422130	-63.078901	
0.42253	-44.941528	-71.627995	-2.421381
-0.003267	-1.266780	-108.587759	
0.56337	-44.941528	-71.627995	-2.421381
-0.003267	-2.112266	-157.461136	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.177011	64.080716	0.620783
0.002333	0.391091	58.925873	
0.14084	0.177011	64.080716	0.620783
0.002333	0.134042	39.258907	
0.28169	0.177011	64.080716	0.620783
0.002333	0.145433	23.947970	
0.42253	0.177011	64.080716	0.620783
0.002333	0.437253	28.364087	
0.56337	0.177011	64.080716	0.620783
0.002333	0.730495	36.282930	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-53.684812	-19.822031	-0.699041
-0.002322	-0.441022	-4.478740	
0.14084	-53.684812	-19.822031	-0.699041
-0.002322	-0.151687	-2.021100	
0.28169	-53.684812	-19.822031	-0.699041
-0.002322	-0.129955	-6.447204	
0.42253	-53.684812	-19.822031	-0.699041
-0.002322	-0.389422	-27.935675	
0.56337	-53.684812	-19.822031	-0.699041
-0.002322	-0.649848	-54.408653	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.317850	117.701899	0.998667
0.002415	0.628361	54.747210	
0.14084	14.317850	117.701899	0.998667
0.002415	0.212192	26.213323	
0.28169	14.317850	117.701899	0.998667
0.002415	0.260199	8.255206	
0.42253	14.317850	117.701899	0.998667
0.002415	0.738004	8.491753	
0.56337	14.317850	117.701899	0.998667
0.002415	1.306156	11.970095	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2783

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-47.567322	-8.944081	-1.247939
-0.002407	-0.784808	-10.264460	
0.14084	-47.567322	-8.944081	-1.247939
-0.002407	-0.265226	-27.659079	
0.28169	-47.567322	-8.944081	-1.247939
-0.002407	-0.208802	-56.674087	
0.42253	-47.567322	-8.944081	-1.247939
-0.002407	-0.627344	-101.144533	
0.56337	-47.567322	-8.944081	-1.247939
-0.002407	-1.046333	-150.223669	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.682382	109.698705	1.789497
0.002433	1.125005	46.049216	
0.14084	27.682382	109.698705	1.789497
0.002433	0.375623	30.899256	
0.28169	27.682382	109.698705	1.789497
0.002433	0.443530	35.377052	
0.42253	27.682382	109.698705	1.789497
0.002433	1.329379	52.455415	
0.56337	27.682382	109.698705	1.789497
0.002433	2.217035	71.778188	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-55.104827	-46.713146	-2.114844
-0.002421	-1.327941	-14.475427	
0.14084	-55.104827	-46.713146	-2.114844
-0.002421	-0.443499	-24.955032	
0.28169	-55.104827	-46.713146	-2.114844
-0.002421	-0.374964	-57.145153	
0.42253	-55.104827	-46.713146	-2.114844
-0.002421	-1.125946	-99.807171	
0.56337	-55.104827	-46.713146	-2.114844
-0.002421	-1.876445	-145.558740	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.413191	116.886743	1.801341
0.002497	1.1312372	42.613745	
0.14084	28.413191	116.886743	1.801341
0.002497	0.378041	25.918348	
0.28169	28.413191	116.886743	1.801341
0.002497	0.453409	30.163363	
0.42253	28.413191	116.886743	1.801341
0.002497	1.360953	44.963430	
0.56337	28.413191	116.886743	1.801341
0.002497	2.270545	61.642782	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-55.355808	-40.310240	-2.166482
-0.002520	-1.360542	-14.192290	
0.14084	-55.355808	-40.310240	-2.166482
-0.002520	-0.454228	-29.338356	
0.28169	-55.355808	-40.310240	-2.166482
-0.002520	-0.377408	-65.913694	
0.42253	-55.355808	-40.310240	-2.166482
-0.002520	-1.133030	-111.828854	
0.56337	-55.355808	-40.310240	-2.166482
-0.002520	-1.888553	-160.592778	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.741283	29.558247	0.487950
0.000798	0.307001	9.764106	
0.14084	3.741283	29.558247	0.487950
0.000798	0.102517	2.379473	
0.28169	3.741283	29.558247	0.487950
0.000798	0.126063	3.906677	
0.42253	3.741283	29.558247	0.487950
0.000798	0.381645	5.500200	
0.56337	3.741283	29.558247	0.487950
0.000798	0.637390	7.106914	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2784

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-22.176701	-3.854368	-0.609726
-0.000806	-0.383675	-0.597280	
0.14084	-22.176701	-3.854368	-0.609726
-0.000806	-0.128035	-3.919208	
0.28169	-22.176701	-3.854368	-0.609726
-0.000806	-0.102262	-16.016070	
0.42253	-22.176701	-3.854368	-0.609726
-0.000806	-0.306783	-28.377944	
0.56337	-22.176701	-3.854368	-0.609726
-0.000806	-0.511391	-40.758631	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	30.283651	86.530120	0.842305
0.001286	0.529638	12.644340	
0.14084	30.283651	86.530120	0.842305
0.001286	0.176443	1.713196	
0.28169	30.283651	86.530120	0.842305
0.001286	0.232415	2.783450	
0.42253	30.283651	86.530120	0.842305
0.001286	0.710603	4.413673	
0.56337	30.283651	86.530120	0.842305
0.001286	1.168930	6.161203	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-26.523193	-4.174616	-1.116848
-0.001310	-0.701760	-12.581643	
0.14084	-26.523193	-4.174616	-1.116848
-0.001310	-0.233614	-37.153692	
0.28169	-26.523193	-4.174616	-1.116848
-0.001310	-0.171538	-72.477130	
0.42253	-26.523193	-4.174616	-1.116848
-0.001310	-0.529705	-108.598751	
0.56337	-26.523193	-4.174616	-1.116848
-0.001310	-0.882917	-144.876489	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	17.271430	97.082385	1.187188
0.000989	0.745689	18.885388	
0.14084	17.271430	97.082385	1.187188
0.000989	0.247452	2.864703	
0.28169	17.271430	97.082385	1.187188
0.000989	0.317763	5.030285	
0.42253	17.271430	97.082385	1.187188
0.000989	0.958443	7.302510	
0.56337	17.271430	97.082385	1.187188
0.000989	1.599633	9.592872	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.944342	-5.499640	-1.528306
-0.001011	-0.959749	-6.757598	
0.14084	-41.944342	-5.499640	-1.528306
-0.001011	-0.319055	-29.210099	
0.28169	-41.944342	-5.499640	-1.528306
-0.001011	-0.248565	-69.462292	
0.42253	-41.944342	-5.499640	-1.528306
-0.001011	-0.746881	-110.116687	
0.56337	-41.944342	-5.499640	-1.528306
-0.001011	-1.245050	-150.806013	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	19.422109	122.949625	1.651304
0.002611	1.038203	50.126755	
0.14084	19.422109	122.949625	1.651304
0.002611	0.347075	25.631968	
0.28169	19.422109	122.949625	1.651304
0.002611	0.415161	22.661869	
0.42253	19.422109	122.949625	1.651304
0.002611	1.248893	31.385042	
0.56337	19.422109	122.949625	1.651304
0.002611	2.084107	42.185617	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2785

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-68.424641	-26.386235	-1.990208
-0.002612	-1.250700	-10.215946	
0.14084	-68.424641	-26.386235	-1.990208
-0.002612	-0.418249	-25.514941	
0.28169	-68.424641	-26.386235	-1.990208
-0.002612	-0.346022	-63.944134	
0.42253	-68.424641	-26.386235	-1.990208
-0.002612	-1.038548	-112.409163	
0.56337	-68.424641	-26.386235	-1.990208
-0.002612	-1.731175	-163.726973	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.560315	87.219212	1.377505
0.004793	0.865909	57.837299	
0.14084	32.560315	87.219212	1.377505
0.004793	0.288146	45.524063	
0.28169	32.560315	87.219212	1.377505
0.004793	0.280162	41.812047	
0.42253	32.560315	87.219212	1.377505
0.004793	0.839792	63.375241	
0.56337	32.560315	87.219212	1.377505
0.004793	1.399267	87.529860	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-50.923218	-57.965094	-1.334167
-0.004750	-0.838634	-18.566327	
0.14084	-50.923218	-57.965094	-1.334167
-0.004750	-0.279561	-25.854086	
0.28169	-50.923218	-57.965094	-1.334167
-0.004750	-0.289305	-43.231766	
0.42253	-50.923218	-57.965094	-1.334167
-0.004750	-0.867034	-69.665893	
0.56337	-50.923218	-57.965094	-1.334167
-0.004750	-1.444684	-105.740943	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.467987	122.949625	2.066162
0.004582	1.767676	71.787504	
0.14084	52.467987	122.949625	2.066162
0.004582	0.435818	60.183324	
0.28169	52.467987	122.949625	2.066162
0.004582	0.508077	69.118373	
0.42253	52.467987	122.949625	2.066162
0.004582	1.522069	105.884631	
0.56337	52.467987	122.949625	2.066162
0.004582	2.538463	147.571017	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-68.424641	-100.492248	-2.421381
-0.004483	-1.519984	-26.245238	
0.14084	-68.424641	-100.492248	-2.421381
-0.004483	-0.507958	-37.153692	
0.28169	-68.424641	-100.492248	-2.421381
-0.004483	-0.433000	-72.477130	
0.42253	-68.424641	-100.492248	-2.421381
-0.004483	-1.299231	-112.409163	
0.56337	-68.424641	-100.492248	-2.421381
-0.004483	-2.165806	-163.726973	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.467987	122.949625	2.066162
0.004793	1.299676	71.787504	
0.14084	52.467987	122.949625	2.066162
0.004793	0.435818	60.183324	
0.28169	52.467987	122.949625	2.066162
0.004793	0.508077	69.118373	
0.42253	52.467987	122.949625	2.066162
0.004793	1.522069	105.884631	
0.56337	52.467987	122.949625	2.066162
0.004793	2.538463	147.571017	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2786

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-68.424641	-100.492248	-2.421381
-0.004750	-1.519984	-26.245238	
0.14084	-68.424641	-100.492248	-2.421381
-0.004750	-0.507958	-37.153692	
0.28169	-68.424641	-100.492248	-2.421381
-0.004750	-0.433000	-72.477130	
0.42253	-68.424641	-100.492248	-2.421381
-0.004750	-1.299231	-112.409163	
0.56337	-68.424641	-100.492248	-2.421381
-0.004750	-2.165806	-163.726973	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.467987	122.949625	2.066162
0.004793	1.299676	71.787504	
0.14084	52.467987	122.949625	2.066162
0.004793	0.435818	60.183324	
0.28169	52.467987	122.949625	2.066162
0.004793	0.508077	69.118373	
0.42253	52.467987	122.949625	2.066162
0.004793	1.522069	105.884631	
0.56337	52.467987	122.949625	2.066162
0.004793	2.538463	147.571017	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-68.424641	-100.492248	-2.421381
-0.004750	-1.519984	-26.245238	
0.14084	-68.424641	-100.492248	-2.421381
-0.004750	-0.507958	-37.153692	
0.28169	-68.424641	-100.492248	-2.421381
-0.004750	-0.433000	-72.477130	
0.42253	-68.424641	-100.492248	-2.421381
-0.004750	-1.299231	-112.409163	
0.56337	-68.424641	-100.492248	-2.421381
-0.004750	-2.165806	-163.726973	

ELEM = 256 ========== LENGTH = 2.977195

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	16.641383	3.182535	0.651405
0.001384	0.709129	5.194170	
0.57749	16.641383	3.182535	0.651405
0.001384	0.435996	4.141654	
0.71833	16.641383	3.182535	0.651405
0.001384	0.162933	3.109150	
0.85916	16.641383	3.182535	0.651405
0.001384	0.111665	2.134069	
1.00000	16.641383	3.182535	0.651405
0.001384	0.364271	1.415679	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.751173	-42.332668	-0.614579
-0.000506	-0.666500	-78.226503	
0.57749	-2.751173	-42.332668	-0.614579
-0.000506	-0.408809	-60.521168	
0.71833	-2.751173	-42.332668	-0.614579
-0.000506	-0.151100	-42.857949	
0.85916	-2.751173	-42.332668	-0.614579
-0.000506	-0.110308	-25.462901	
1.00000	-2.751173	-42.332668	-0.614579
-0.000506	-0.383421	-13.166713	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	16.211425	27.377993	1.018752
0.005411	1.105091	45.962199	
0.57749	16.211425	27.377993	1.018752
0.005411	0.677946	36.114675	
0.71833	16.211425	27.377993	1.018752
0.005411	0.250974	34.847731	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2787

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	16.211425	27.377993	1.018752
0.005411	0.186239	54.457571	
1.00000	16.211425	27.377993	1.018752
0.005411	0.580113	80.065195	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-29.692941	-114.607837	-0.969042
-0.005602	-1.049821	-121.171318	
0.57749	-29.692941	-114.607837	-0.969042
-0.005602	-0.644560	-77.808667	
0.71833	-29.692941	-114.607837	-0.969042
-0.005602	-0.239326	-48.954394	
0.85916	-29.692941	-114.607837	-0.969042
-0.005602	-0.194084	-28.306257	
1.00000	-29.692941	-114.607837	-0.969042
-0.005602	-0.608680	-11.639704	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.804791	46.294232	1.139961
0.004022	1.234543	75.257454	
0.57749	14.804791	46.294232	1.139961
0.004022	0.756570	56.528275	
0.71833	14.804791	46.294232	1.139961
0.004022	0.278691	44.047639	
0.85916	14.804791	46.294232	1.139961
0.004022	0.224583	50.389288	
1.00000	14.804791	46.294232	1.139961
0.004022	0.729796	62.770601	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-23.495052	-96.677178	-1.225057
-0.004512	-1.327593	-113.334019	
0.57749	-23.495052	-96.677178	-1.225057
-0.004512	-0.815462	-75.994705	
0.71833	-23.495052	-96.677178	-1.225057
-0.004512	-0.303320	-48.643126	
0.85916	-23.495052	-96.677178	-1.225057
-0.004512	-0.211392	-26.468320	
1.00000	-23.495052	-96.677178	-1.225057
-0.004512	-0.680884	-11.632311	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	26.896955	55.646116	1.126416
0.003510	1.219967	91.219725	
0.57749	26.896955	55.646116	1.126416
0.003510	0.747669	68.693466	
0.71833	26.896955	55.646116	1.126416
0.003510	0.275442	51.528087	
0.85916	26.896955	55.646116	1.126416
0.003510	0.231526	50.050791	
1.00000	26.896955	55.646116	1.126416
0.003510	0.762972	54.586122	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-23.114095	-81.890618	-1.284127
-0.004218	-1.393051	-96.931474	
0.57749	-23.114095	-81.890618	-1.284127
-0.004218	-0.855901	-65.253791	
0.71833	-23.114095	-81.890618	-1.284127
-0.004218	-0.318722	-43.846814	
0.85916	-23.114095	-81.890618	-1.284127
-0.004218	-0.206862	-21.439464	
1.00000	-23.114095	-81.890618	-1.284127
-0.004218	-0.672155	-21.408505	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.208266	19.622254	0.375893
0.003271	0.403158	38.018139	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2788

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57749	0.208266	19.622254	0.375893
0.003271	0.245575	30.946744	
0.71833	0.208266	19.622254	0.375893
0.003271	0.088160	33.179908	
0.85916	0.208266	19.622254	0.375893
0.003271	0.078824	52.207463	
1.00000	0.208266	19.622254	0.375893
0.003271	0.239576	75.876211	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-30.577080	-71.073917	-0.408469
-0.004499	-0.445511	-44.448682	
0.57749	-30.577080	-71.073917	-0.408469
-0.004499	-0.274241	-18.888739	
0.71833	-30.577080	-71.073917	-0.408469
-0.004499	-0.103036	-5.416940	
0.85916	-30.577080	-71.073917	-0.408469
-0.004499	-0.084464	-0.910115	
1.00000	-30.577080	-71.073917	-0.408469
-0.004499	-0.231543	-1.492191	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.884245	46.572503	0.587097
0.003102	0.631360	78.141412	
0.57749	11.884245	46.572503	0.587097
0.003102	0.385201	59.629448	
0.71833	11.884245	46.572503	0.587097
0.003102	0.139149	48.502573	
0.85916	11.884245	46.572503	0.587097
0.003102	0.142663	58.497816	
1.00000	11.884245	46.572503	0.587097
0.003102	0.462619	71.558401	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-25.579202	-64.440767	-0.786457
-0.004802	-0.856509	-43.897584	
0.57749	-25.579202	-64.440767	-0.786457
-0.004802	-0.526752	-20.475880	
0.71833	-25.579202	-64.440767	-0.786457
-0.004802	-0.196999	-9.705847	
0.85916	-25.579202	-64.440767	-0.786457

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-0.004802   -0.120790   -6.589875
1.00000   -25.579202   -64.440767   -0.786457
-0.004802   -0.357317   -11.324204

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   17.510535   69.324216    0.993896
 0.003025    1.074948   126.304465
0.57749   17.510535   69.324216    0.993896
 0.003025    0.652815    98.013244
0.71833   17.510535   69.324216    0.993896
 0.003025    0.241510    75.207427
0.85916   17.510535   69.324216    0.993896
 0.003025    0.206068    68.450960
1.00000   17.510535   69.324216    0.993896
 0.003025    0.681137    64.522617

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -35.562670   -73.430143   -1.149480
-0.003915   -1.246844   -79.056440
0.57749   -35.562670   -73.430143   -1.149480
-0.003915   -0.764873   -50.942880
0.71833   -35.562670   -73.430143   -1.149480
-0.003915   -0.282904   -32.122410
0.85916   -35.562670   -73.430143   -1.149480
-0.003915   -0.184923   -19.484634
1.00000   -35.562670   -73.430143   -1.149480
-0.003915   -0.394670   -14.395420
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2789

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   18.755559   70.546785    1.017560
 0.002736    1.101098   130.543187
0.57749   18.755559   70.546785    1.017560
 0.002736    0.674442   101.580548
0.71833   18.755559   70.546785    1.017560
 0.002736    0.247811    77.115801
0.85916   18.755559   70.546785    1.017560
 0.002736    0.211736    66.197017
1.00000   18.755559   70.546785    1.017560
 0.002736    0.709803    57.520724

COMB DB-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -34.331497   -62.552943   -1.201565
-0.003739   -1.305522   -68.681768
0.57749   -34.331497   -62.552943   -1.201565
-0.003739   -0.801709   -44.699575
0.71833   -34.331497   -62.552943   -1.201565
-0.003739   -0.297835   -30.125302
0.85916   -34.331497   -62.552943   -1.201565
-0.003739   -0.186963   -21.018190
1.00000   -34.331497   -62.552943   -1.201565
-0.003739   -0.607940   -18.145767

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665    2.634139   17.382933    0.299342
 0.000343    0.324722    36.465045
0.57749    2.634139   17.382933    0.299342
 0.000343    0.199208    29.220603
0.71833    2.634139   17.382933    0.299342
 0.000343    0.073691    21.997351
0.85916    2.634139   17.382933    0.299342
 0.000343    0.056704    14.836550
1.00000    2.634139   17.382933    0.299342
 0.000343    0.204671     7.875371

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -8.808156   -2.484955   -0.352696
-0.000723   -0.386869   -6.230270
0.57749   -8.808156   -2.484955   -0.352696
-0.000723   -0.238984   -5.922752
0.71833   -8.808156   -2.484955   -0.352696
-0.000723   -0.091049   -5.808346
0.85916   -8.808156   -2.484955   -0.352696
-0.000723   -0.057802   -6.007879
1.00000   -8.808156   -2.484955   -0.352696
-0.000723   -0.177337   -6.449491

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   23.849515   41.116992    0.490350
 0.000583    0.531595    72.954704
0.57749   23.849515   41.116992    0.490350
 0.000583    0.325992    56.209190
0.71833   23.849515   41.116992    0.490350
 0.000583    0.120334    39.894552
0.85916   23.849515   41.116992    0.490350
 0.000583    0.113582    24.717093
1.00000   23.849515   41.116992    0.490350
 0.000583    0.399802    12.148995

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -12.335989   -5.373345   -0.683294
-0.001421   -0.746215   -8.002111
0.57749   -12.335989   -5.373345   -0.683294
-0.001421   -0.459713   -7.571791
0.71833   -12.335989   -5.373345   -0.683294
-0.001421   -0.173173   -7.917409
0.85916   -12.335989   -5.373345   -0.683294
-0.001421   -0.085766   -15.702469
1.00000   -12.335989   -5.373345   -0.683294
-0.001421   -0.290980   -23.115242
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2790

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   11.713156   53.402508    0.718318
 0.000601    0.775252    94.448480
0.57749   11.713156   53.402508    0.718318
 0.000601    0.474063    72.362957
0.71833   11.713156   53.402508    0.718318
 0.000601    0.172818    51.595179
0.85916   11.713156   53.402508    0.718318
 0.000601    0.160460    37.143386
1.00000   11.713156   53.402508    0.718318
 0.000601    0.562991    25.435111

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -18.812173   -22.209857   -0.961329
-0.001857   -1.049425   -26.369733
0.57749   -18.812173   -22.209857   -0.961329
-0.001857   -0.646348   -18.710678
0.71833   -18.812173   -22.209857   -0.961329
-0.001857   -0.243207   -13.618080
0.85916   -18.812173   -22.209857   -0.961329
-0.001857   -0.129227   -11.518750
1.00000   -18.812173   -22.209857   -0.961329
-0.001857   -0.429869   -15.935056

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   12.440030   72.337377    0.947948
 0.002826    1.024818   138.373742
0.57749   12.440030   72.337377    0.947948
 0.002826    0.627351   108.753556
0.71833   12.440030   72.337377    0.947948
 0.002826    0.229898    84.359402
0.85916   12.440030   72.337377    0.947948
 0.002826    0.198643    75.066518
1.00000   12.440030   72.337377    0.947948
 0.002826    0.668722    68.032303

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -40.211640   -58.898264   -1.137223
-0.004181   -1.238705   -55.125519
0.57749   -40.211640   -58.898264   -1.137223
-0.004181   -0.761878   -34.075945
0.71833   -40.211640   -58.898264   -1.137223
-0.004181   -0.285008   -22.322425
0.85916   -40.211640   -58.898264   -1.137223
-0.004181   -0.177027   -16.152987
1.00000   -40.211640   -58.898264   -1.137223
-0.004181   -0.567885   -16.178629

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665    39.082611    5.421333    0.964121
 0.001550    1.052256    6.677340
0.57749    39.082611    5.421333    0.964121
 0.001550    0.648026    5.308282
0.71833    39.082611    5.421333    0.964121
 0.001550    0.243724    3.960048
0.85916    39.082611    5.421333    0.964121
 0.001550    0.257365    2.700508
1.00000    39.082611    5.421333    0.964121
 0.001550    0.850567    1.604563

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -3.474616   -69.906109   -1.418634
-0.000497   -1.527760   -139.658060
0.57749   -3.474616   -69.906109   -1.418634
-0.000497   -0.932752   -110.675696
0.71833   -3.474616   -69.906109   -1.418634
-0.000497   -0.337996   -81.715716
0.85916   -3.474616   -69.906109   -1.418634
-0.000497   -0.160115   -52.927359
1.00000   -3.474616   -69.906109   -1.418634
-0.000497   -0.564700   -26.112399
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2791

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   36.224921   28.512932    1.576322
 0.005135    1.704877   53.105025
0.57749   36.224921   28.512932    1.576322
 0.005135    1.043872   42.454031
0.71833   36.224921   28.512932    1.576322
 0.005135    0.384748   41.454248
0.85916   36.224921   28.512932    1.576322
 0.005135    0.385941   61.199538
1.00000   36.224921   28.512932    1.576322
 0.005135    1.242841   85.278274

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -37.871430   -143.991559   -2.073506
-0.005680   -2.238002   -186.304173
0.57749   -37.871430   -143.991559   -2.073506
-0.005680   -1.368421   -126.913274
0.71833   -37.871430   -143.991559   -2.073506
-0.005680   -0.501512   -84.514496
0.85916   -37.871430   -143.991559   -2.073506
-0.005680   -0.293574   -52.309319
1.00000   -37.871430   -143.991559   -2.073506
-0.005680   -0.949674   -24.410082

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   34.142810   57.848512    1.711901
 0.003975    1.852218   104.780751
0.57749   34.142810   57.848512    1.711901
 0.003975    1.133986   81.327853
0.71833   34.142810   57.848512    1.711901
 0.003975    0.416654   64.761980
0.85916   34.142810   57.848512    1.711901
 0.003975    0.429011   64.587729
1.00000   34.142810   57.848512    1.711901
 0.003975    1.417657   69.987269

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -34.081682   -122.350051   -2.380338
-0.004633   -2.575023   -168.720847
0.57749   -34.081682   -122.350051   -2.380338
-0.004633   -1.576449   -118.151662
0.71833   -34.081682   -122.350051   -2.380338
-0.004633   -0.580689   -79.775274
0.85916   -34.081682   -122.350051   -2.380338
-0.004633   -0.311391   -48.385790
1.00000   -34.081682   -122.350051   -2.380338
-0.004633   -1.026349   -23.097315

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665    42.702364   79.352975    1.672051
 0.003442    1.810398   135.434966
0.57749    42.702364   79.352975    1.672051
 0.003442    1.108971   103.176910
0.71833    42.702364   79.352975    1.672051
 0.003442    0.408423    77.287204
0.85916    42.702364   79.352975    1.672051
 0.003442    0.432461    66.088950
1.00000    42.702364   79.352975    1.672051
 0.003442    1.437276   61.338486

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -33.744917   -103.429387   -2.415459
-0.004331   -2.613588   -143.531247
0.57749   -33.744917   -103.429387   -2.415459
-0.004331   -1.600072   -101.099476
0.71833   -33.744917   -103.429387   -2.415459
-0.004331   -0.589446   -70.267306
0.85916   -33.744917   -103.429387   -2.415459
-0.004331   -0.301385   -46.660269
1.00000   -33.744917   -103.429387   -2.415459
-0.004331   -0.999938   -30.232488
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2792

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665    0.164448   22.971050    0.577911
 0.002429    0.614686   50.902129
0.57749    0.164448   22.971050    0.577911
 0.002429    0.372369   42.394902
0.71833    0.164448   22.971050    0.577911
 0.002429    0.131274   41.555816
0.85916    0.164448   22.971050    0.577911
 0.002429    0.117773   55.657955
1.00000    0.164448   22.971050    0.577911
 0.002429    0.378329   73.003886

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -40.051374   -63.053974   -0.640831
-0.003878   -0.637825   -44.804002
0.57749   -40.051374   -63.053974   -0.640831
-0.003878   -0.429184   -19.214768
0.71833   -40.051374   -63.053974   -0.640831
-0.003878   -0.162336    -5.654164
0.85916   -40.051374   -63.053974   -0.640831
-0.003878   -0.123178    -0.815090
1.00000   -40.051374   -63.053974   -0.640831
-0.003878   -0.361739    -1.345898

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   11.922414   67.122436    0.858556
 0.002368    0.920728   120.058106
0.57749   11.922414   67.122436    0.858556
 0.002368    0.560469    93.006188
0.71833   11.922414   67.122436    0.858556
 0.002368    0.201254    72.911793
0.85916   11.922414   67.122436    0.858556
 0.002368    0.217709    69.336229
1.00000   11.922414   67.122436    0.858556
 0.002368    0.722080    70.155570

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -35.054030   -57.212246   -1.223223
-0.004274   -1.328663   -42.808076
0.57749   -35.054030   -57.212246   -1.223223
-0.004274   -0.815349   -19.839076
0.71833   -35.054030   -57.212246   -1.223223
-0.004274   -0.302035    -3.090268
0.85916   -35.054030   -57.212246   -1.223223
-0.004274   -0.169037    -5.968927
1.00000   -35.054030   -57.212246   -1.223223
-0.004274   -0.525798   -10.546407

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   22.863300   84.544515    1.513436
 0.002512    1.633381   157.388512
0.57749   22.863300   84.544515    1.513436
 0.002512    0.996535   122.806728
0.71833   22.863300   84.544515    1.513436
 0.002512    0.364019    92.977671
0.85916   22.863300   84.544515    1.513436
 0.002512    0.365613    74.859922
1.00000   22.863300   84.544515    1.513436
 0.002512    1.230736    61.201534

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -42.576546   -79.290491   -2.077313
-0.003295   -2.251730   -102.082168
0.57749   -42.576546   -79.290491   -2.077313
-0.003295   -1.380200    -69.691520
0.71833   -42.576546   -79.290491   -2.077313
-0.003295   -0.510773   -45.550974
0.85916   -42.576546   -79.290491   -2.077313
-0.003295   -0.276113   -26.933416
1.00000   -42.576546   -79.290491   -2.077313
-0.003295   -0.908241   -15.929137
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2793

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   23.656028   93.686820    1.531520
 0.002278    1.654654   172.504991
0.57749   23.656028   93.686820    1.531520
 0.002278    1.012412   134.282540
0.71833   23.656028   93.686820    1.531520
 0.002278    0.370170   100.778464
0.85916   23.656028   93.686820    1.531520
 0.002278    0.370866    76.240379
1.00000   23.656028   93.686820    1.531520
 0.002278    1.259971    56.132276

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -43.392444   -67.780216   -2.132183
-0.003256   -2.313821   -88.664292
0.57749   -43.392444   -67.780216   -2.132183
-0.003256   -1.419516   -61.409236
0.71833   -43.392444   -67.780216   -2.132183
-0.003256   -0.526813   -41.984169
0.85916   -43.392444   -67.780216   -2.132183
-0.003256   -0.276491   -27.259107
1.00000   -43.392444   -67.780216   -2.132183
-0.003256   -0.917406   -18.962147

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665    3.090798   28.213451    0.442564
 0.000299    0.479405    57.188907
0.57749    3.090798   28.213451    0.442564
 0.000299    0.293847    45.535246
0.71833    3.090798   28.213451    0.442564
 0.000299    0.108285    33.959693
0.85916    3.090798   28.213451    0.442564
 0.000299    0.092625    22.589245
1.00000    3.090798   28.213451    0.442564
 0.000299    0.336144    11.650513

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -18.369986   -3.577204   -0.579439
-0.000763   -0.634896   -8.973199
0.57749   -18.369986   -3.577204   -0.579439
-0.000763   -0.392424   -7.923160
0.71833   -18.369986   -3.577204   -0.579439
-0.000763   -0.149075   -7.004801
0.85916   -18.369986   -3.577204   -0.579439
-0.000763   -0.077356   -6.338990
1.00000   -18.369986   -3.577204   -0.579439
-0.000763   -0.262977   -6.175854

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   24.937805   71.025100    0.726169
 0.000474    0.787658   120.708525
0.57749   24.937805   71.025100    0.726169
 0.000474    0.483207    91.736254
0.71833   24.937805   71.025100    0.726169
 0.000474    0.178840    63.565274
0.85916   24.937805   71.025100    0.726169
 0.000474    0.191374    37.739109
1.00000   24.937805   71.025100    0.726169
 0.000474    0.666561    15.733871

COMB DL-G3-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -22.023032   -5.637195   -1.133586
-0.001423   -1.233017   -11.722966
0.57749   -22.023032   -5.637195   -1.133586
-0.001423   -0.757767   -10.828861
0.71833   -22.023032   -5.637195   -1.133586
-0.001423   -0.282524   -11.346590
0.85916   -22.023032   -5.637195   -1.133586
-0.001423   -0.126208   -14.827181
1.00000   -22.023032   -5.637195   -1.133586
-0.001423   -0.430484   -22.615291
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2794

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   14.261758   83.810087    1.021093
 0.000357    1.102651   152.493326
0.57749   14.261758   83.810087    1.021093
 0.000357    0.674448   118.112477
0.71833   14.261758   83.810087    1.021093
 0.000357    0.245821    84.635549
0.85916   14.261758   83.810087    1.021093
 0.000357    0.247143    54.546028
1.00000   14.261758   83.810087    1.021093
 0.000357    0.874312    28.912630

COMB DL-G3-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -33.860781   -17.966856   -1.497014
-0.001566   -1.632776   -25.812154
0.57749   -33.860781   -17.966856   -1.497014
-0.001566   -1.004614   -19.777357
0.71833   -33.860781   -17.966856   -1.497014
-0.001566   -0.377525   -14.580266
0.85916   -33.860781   -17.966856   -1.497014
-0.001566   -0.160791   -11.353266
1.00000   -33.860781   -17.966856   -1.497014
-0.001566   -0.609387   -15.556153

COMB DL-G3-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   16.165493   95.812495    1.438573
 0.002069    1.550871   183.619807
0.57749   16.165493   95.812495    1.438573
 0.002069    0.947537   144.491031
0.71833   16.165493   95.812495    1.438573
 0.002069    0.344688   109.857700
0.85916   16.165493   95.812495    1.438573
 0.002069    0.332131    85.804736
1.00000   16.165493   95.812495    1.438573
 0.002069    1.139028    66.093379

COMB DL-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -53.866559   -56.810311   -1.936216
-0.003457   -2.106311   -64.992830
0.57749   -53.866559   -56.810311   -1.936216
-0.003457   -1.294456   -42.795897
0.71833   -53.866559   -56.810311   -1.936216
-0.003457   -0.483731   -28.138158
0.85916   -53.866559   -56.810311   -1.936216
-0.003457   -0.264004   -18.492371
1.00000   -53.866559   -56.810311   -1.936216
-0.003457   -0.865570   -16.150430

COMB     DB ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   26.896955   72.337377    1.139961
 0.005411    1.234543   138.373742
0.57749   26.896955   72.337377    1.139961
 0.005411    0.756570   108.753556
0.71833   26.896955   72.337377    1.139961
 0.005411    0.278691    84.359402
0.85916   26.896955   72.337377    1.139961
 0.005411    0.231526    75.066518
1.00000   26.896955   72.337377    1.139961
 0.005411    0.762972    80.065195

COMB     DB ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -40.211640   -114.607837   -1.284127
-0.005602   -1.393051   -121.171318
0.57749   -40.211640   -114.607837   -1.284127
-0.005602   -0.855901    -7.808667
0.71833   -40.211640   -114.607837   -1.284127
-0.005602   -0.318722   -48.954394
0.85916   -40.211640   -114.607837   -1.284127
-0.005602   -0.211392   -29.261464
1.00000   -40.211640   -114.607837   -1.284127
-0.005602   -0.680884   -23.115242
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2795

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   42.702364   95.812495    1.711901
 0.005135    1.852218   183.619807
0.57749   42.702364   95.812495    1.711901
 0.005135    1.133986   144.491031
0.71833   42.702364   95.812495    1.711901
 0.005135    0.416654   109.857700
0.85916   42.702364   95.812495    1.711901
 0.005135    0.432461    85.804736
1.00000   42.702364   95.812495    1.711901
 0.005135    1.437276    85.278274

COMB     DL ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43665   -53.866559   -143.991559   -2.415459
-0.005680   -2.613588   -186.304173
0.57749   -53.866559   -143.991559   -2.415459
-0.005680   -1.600072   -126.913274
0.71833   -53.866559   -143.991559   -2.415459
-0.005680   -0.589446   -84.514496
0.85916   -53.866559   -143.991559   -2.415459
-0.005680   -0.311391   -52.927359
1.00000   -53.866559   -143.991559   -2.415459
-0.005680   -1.026349   -30.232488

COMB     CAR ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43665   42.702364   95.812495    1.711901
 0.005411    1.852218   183.619807
0.57749   42.702364   95.812495    1.711901
 0.005411    1.133986   144.491031
0.71833   42.702364   95.812495    1.711901
 0.005411    0.416654   109.857700
0.85916   42.702364   95.812495    1.711901
 0.005411    0.432461    85.804736
1.00000   42.702364   95.812495    1.711901
 0.005411    1.437276    85.278274

COMB     CAR ------------------ MIN
```

```
REL DIST          P          V2          V3
     T         M2         M3
0.43665  -53.866559 -143.991559  -2.415459
-0.005680  -2.613588 -186.304173
0.57749  -53.866559 -143.991559  -2.415459
-0.005680  -1.600072 -126.913274
0.71833  -53.866559 -143.991559  -2.415459
-0.005680  -0.589446  -84.514496
0.85916  -53.866559 -143.991559  -2.415459
-0.005680  -0.311391  -52.927359
1.00000  -53.866559 -143.991559  -2.415459
-0.005680  -1.026349  -30.232488

COMB  DESIGN  ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43665   42.702364  95.812495   1.711901
 0.005411   1.852218 183.619807
0.57749   42.702364  95.812495   1.711901
 0.005411   1.133986 144.491031
0.71833   42.702364  95.812495   1.711901
 0.005411   0.416654 109.857700
0.85916   42.702364  95.812495   1.711901
 0.005411   0.432461  85.804736
1.00000   42.702364  95.812495   1.711901
 0.005411   1.437276  85.278274

COMB  DESIGN  ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43665  -53.866559 -143.991559  -2.415459
-0.005680  -2.613588 -186.304173
0.57749  -53.866559 -143.991559  -2.415459
-0.005680  -1.600072 -126.913274
0.71833  -53.866559 -143.991559  -2.415459
-0.005680  -0.589446  -84.514496
0.85916  -53.866559 -143.991559  -2.415459
-0.005680  -0.311391  -52.927359
1.00000  -53.866559 -143.991559  -2.415459
-0.005680  -1.026349  -30.232488
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2796

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      257 ================== LENGTH
=     2.978250

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   16.540740   3.234516   0.723933
 0.001317   0.436688   1.412396
0.14088   16.540740   3.234516   0.723933
 0.001317   0.132974  10.804662
0.28175   16.540740   3.234516   0.723933
 0.001317   0.153180  26.270687
0.42263   16.540740   3.234516   0.723933
 0.001317   0.420629  45.865610
0.56350   16.540740   3.234516   0.723933
 0.001317   0.688064  63.506435

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -2.634276  -42.060375  -0.637422
-0.000588  -0.381712  -13.166284
0.14088   -2.634276  -42.060375  -0.637422
-0.000588  -0.114270  -13.884023
0.28175   -2.634276  -42.060375  -0.637422
-0.000588  -0.117867  -14.753700
0.42263   -2.634276  -42.060375  -0.637422
-0.000588  -0.474587  -15.646903
0.56350   -2.634276  -42.060375  -0.637422
-0.000588  -0.778290  -16.921916

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   16.081887  85.337447   1.073520
 0.006571   0.644342  80.302463
0.14088   16.081887  85.337447   1.073520
 0.006571   0.194034  66.765154
0.28175   16.081887  85.337447   1.073520
 0.006571   0.245805  60.838443
0.42263   16.081887  85.337447   1.073520
 0.006571   0.676954  78.961505
0.56350   16.081887  85.337447   1.073520
 0.006571   1.108127 103.181990

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -33.452240  -61.422448  -1.034313
-0.004471  -0.646892  -11.663756
0.14088  -33.452240  -61.422448  -1.034313
-0.004471  -0.214076  -13.009835
0.28175  -33.452240  -61.422448  -1.034313
-0.004471  -0.256527  -19.909612
0.42263  -33.452240  -61.422448  -1.034313
-0.004471  -0.706976  -40.521603
0.56350  -33.452240  -61.422448  -1.034313
-0.004471  -1.157379  -76.034771

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   14.746833  85.631874   1.157952
 0.004780   0.691857  62.938795
0.14088   14.746833  85.631874   1.157952
 0.004780   0.206084  56.673047
0.28175   14.746833  85.631874   1.157952
 0.004780   0.312009  59.751094
0.42263   14.746833  85.631874   1.157952
 0.004780   0.858597  79.825598
0.56350   14.746833  85.631874   1.157952
 0.004780   1.405178 104.156610

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -26.097550  -60.595124  -1.307236
-0.003418  -0.801742  -11.638963
0.14088  -26.097550  -60.595124  -1.307236
-0.003418  -0.253917  -22.869236
0.28175  -26.097550  -60.595124  -1.307236
-0.003418  -0.279763  -39.040592
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2797

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.42263  -26.097550  -60.595124  -1.307236
-0.003418  -0.765704  -64.551875
0.56350  -26.097550  -60.595124  -1.307236
-0.003418  -1.251537 -100.255980

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   26.834720  88.572204   1.148991
 0.004194   0.686852  54.730298
0.14088   26.834720  88.572204   1.148991
 0.004194   0.204759  47.558241
0.28175   26.834720  88.572204   1.148991
 0.004194   0.327616  50.807619
0.42263   26.834720  88.572204   1.148991
 0.004194   0.901588  68.257797
0.56350   26.834720  88.572204   1.148991
 0.004194   1.475553  89.149916

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -25.241505  -51.943708  -1.371758
-0.003441  -0.837453  -21.412458
0.14088  -25.241505  -51.943708  -1.371758
-0.003441  -0.262412  -35.609607
0.28175  -25.241505  -51.943708  -1.371758
-0.003441  -0.277277  -53.935863
0.42263  -25.241505  -51.943708  -1.371758
-0.003441  -0.759447  -80.187320
0.56350  -25.241505  -51.943708  -1.371758
-0.003441  -1.241521 -115.937754

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   0.212960  68.258007   0.327480
 0.004156   0.192624  76.076086
0.14088   0.212960  68.258007   0.327480
 0.004156   0.055289  60.989478
0.28175   0.212960  68.258007   0.327480
 0.004156   0.109169  46.117646
0.42263   0.212960  68.258007   0.327480
 0.004156   0.302520  51.095932
0.56350   0.212960  68.258007   0.327480
 0.004156   0.495919  61.110887

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -33.854229  -27.065492  -0.466481
-0.003178  -0.303047  -1.522648
0.14088  -33.854229  -27.065492  -0.466481
-0.003178  -0.108295  -3.176853
0.28175  -33.854229  -27.065492  -0.466481
-0.003178  -0.082250  -7.814468
0.42263  -33.854229  -27.065492  -0.466481
-0.003178  -0.219615  -23.884969
0.56350  -33.854229  -27.065492  -0.466481
-0.003178  -0.357013  -52.377098

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.910406  92.247220   0.526691
 0.003939   0.310231  71.756857
0.14088   11.910406  92.247220   0.526691
 0.003939   0.089178  52.673533
0.28175   11.910406  92.247220   0.526691
 0.003939   0.204724  37.435186
0.42263   11.910406  92.247220   0.526691
 0.003939   0.563972  41.360358
0.56350   11.910406  92.247220   0.526691
 0.003939   0.923218  49.973699

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -28.683201  -23.360745  -0.861384
-0.003469  -0.537333  -11.346259
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2798

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.14088  -28.683201  -23.360745  -0.861384
-0.003469  -0.176663  -25.019830
0.28175  -28.683201  -23.360745  -0.861384
-0.003469  -0.131787  -40.710947
0.42263  -28.683201  -23.360745  -0.861384
-0.003469  -0.352786  -67.240586
0.56350  -28.683201  -23.360745  -0.861384
-0.003469  -0.573765 -105.661696

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   17.546472 101.120136   0.984980
 0.003837   0.586853  64.661354
0.14088   17.546472 101.120136   0.984980
 0.003837   0.173473  50.156014
0.28175   17.546472 101.120136   0.984980
 0.003837   0.286290  49.998270
0.42263   17.546472 101.120136   0.984980
 0.003837   0.798924  64.201474
0.56350   17.546472 101.120136   0.984980
 0.003837   1.288948  81.841262

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -37.738101  -44.401803  -1.198516
-0.002991  -0.733032  -14.397305
0.14088  -37.738101  -44.401803  -1.198516
-0.002991  -0.230673  -24.292329
0.28175  -37.738101  -44.401803  -1.198516
-0.002991  -0.239667  -49.979995
0.42263  -37.738101  -44.401803  -1.198516
-0.002991  -0.653006  -83.598960
0.56350  -37.738101  -44.401803  -1.198516
-0.002991  -1.066261 -125.701025

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   18.820795  97.149107   1.019704
 0.003497   0.608381  57.641403
0.14088   18.820795  97.149107   1.019704
 0.003497   0.180443  41.798851
0.28175   18.820795  97.149107   1.019704
 0.003497   0.303780  42.020565
0.42263   18.820795  97.149107   1.019704
 0.003497   0.837528  54.346792
0.56350   18.820795  97.149107   1.019704
 0.003497   1.371258  69.552139

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -36.124466  -38.220375  -1.275162
-0.003129  -0.777665  -18.147047
0.14088  -36.124466  -38.220375  -1.275162
-0.003129  -0.243523  -27.809958
0.28175  -36.124466  -38.220375  -1.275162
-0.003129  -0.247262  -50.737892
0.42263  -36.124466  -38.220375  -1.275162
-0.003129  -0.675164  -81.268801
0.56350  -36.124466  -38.220375  -1.275162
-0.003129  -1.102993 -121.765545

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   2.584227  17.436365   0.315367
 0.000486   0.189344   7.881117
0.14088   2.584227  17.436365   0.315367
 0.000486   0.057007   4.113414
0.28175   2.584227  17.436365   0.315367
 0.000486   0.097370   3.532702
0.42263   2.584227  17.436365   0.315367
 0.000486   0.272386   3.691737
0.56350   2.584227  17.436365   0.315367
 0.000486   0.447412   4.126018
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2799

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.761934  -2.414346  -0.417172
-0.000995  -0.252729  -6.449167
0.14088   -8.761934  -2.414346  -0.417172
-0.000995  -0.077614  -7.240170
0.28175   -8.761934  -2.414346  -0.417172
-0.000995  -0.075283  -8.632614
0.42263   -8.761934  -2.414346  -0.417172
-0.000995  -0.207603 -14.814951
0.56350   -8.761934  -2.414346  -0.417172
-0.000995  -0.339920  -22.119262

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   23.781502  43.599283   0.512736
 0.000809   0.307650  12.168128
0.14088   23.781502  43.599283   0.512736
 0.000809   0.092614   3.417401
0.28175   23.781502  43.599283   0.512736
 0.000809   0.180642   2.331816
0.42263   23.781502  43.599283   0.512736
 0.000809   0.500394   3.617424
0.56350   23.781502  43.599283   0.512736
 0.000809   0.820162   5.097127

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -12.375431  -3.641755  -0.762359
-0.001811  -0.459889  -23.113738
0.14088  -12.375431  -3.641755  -0.762359
-0.001811  -0.139967  -31.770169
0.28175  -12.375431  -3.641755  -0.762359
-0.001811  -0.122735  -40.959795
0.42263  -12.375431  -3.641755  -0.762359
-0.001811  -0.337823  -56.726025
0.56350  -12.375431  -3.641755  -0.762359
-0.001811  -0.552938  -74.834033

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.637425  56.574711   0.687297
 0.000826   0.407989  25.462284
0.14088   11.637425  56.574711   0.687297
 0.000826   0.119486  21.439225
0.28175   11.637425  56.574711   0.687297
 0.000826   0.254615  26.417872
0.42263   11.637425  56.574711   0.687297
 0.000826   0.704742  34.308054
0.56350   11.637425  56.574711   0.687297
 0.000826   1.154864  42.506643

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -19.021000 -19.829997  -1.073174
-0.001661  -0.647172  -15.926734
0.14088  -19.021000  -19.829997  -1.073174
-0.001661  -0.196799  -30.208571
0.28175  -19.021000  -19.829997  -1.073174
-0.001661  -0.168725  -45.253797
0.42263  -19.021000  -19.829997  -1.073174
-0.001661  -0.140653  -66.401967
0.56350  -19.021000  -19.829997  -1.073174
-0.001661  -0.745499  -89.985590

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   12.421020 103.834313   0.935280
 0.003755   0.557150  68.174029
0.14088   12.421020 103.834313   0.935280
 0.003755   0.164600  44.340573
0.28175   12.421020 103.834313   0.935280
 0.003755   0.294784  37.513214
0.42263   12.421020 103.834313   0.935280
 0.003755   0.811821  45.787962
0.56350   12.421020 103.834313   0.935280
 0.003755   1.328861  57.498913
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2800

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -42.325052  -30.154639  -1.235944
-0.003525  -0.755824  -16.187049
0.14088  -42.325052  -30.154639  -1.235944
-0.003525  -0.237738  -25.317146
0.28175  -42.325052  -30.154639  -1.235944
-0.003525  -0.227652  -45.577199
0.42263  -42.325052  -30.154639  -1.235944
-0.003525  -0.620137  -79.394617
0.56350  -42.325052  -30.154639  -1.235944
-0.003525  -1.012546 -122.762638

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   38.952170   5.367128   1.110886
 0.001499   0.623315   1.600669
0.14088   38.952170   5.367128   1.110886
 0.001499   0.206025  11.766137
0.28175   38.952170   5.367128   1.110886
 0.001499   0.324739  38.726077
0.42263   38.952170   5.367128   1.110886
 0.001499   0.677045  67.310547
0.56350   38.952170   5.367128   1.110886
 0.001499   1.416502  96.122327

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -3.320075  -69.249181  -1.301030
-0.000637  -0.765979  -26.088249
0.14088   -3.320075  -69.249181  -1.301030
-0.000637  -0.220305  -12.322509
0.28175   -3.320075  -69.249181  -1.301030
-0.000637  -0.259687  -12.557172
0.42263   -3.320075  -69.249181  -1.301030
-0.000637  -0.725811  -14.361905
0.56350   -3.320075  -69.249181  -1.301030
-0.000637  -1.191936  -16.371805

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   36.072825  87.460953   1.615588
 0.007107   0.969167  85.331795
0.14088   36.072825  87.460953   1.615588
 0.007107   0.291522  69.847404
0.28175   36.072825  87.460953   1.615588
 0.007107   0.499329  73.321256
0.42263   36.072825  87.460953   1.615588
 0.007107   1.362862 101.296646
0.56350   36.072825  87.460953   1.615588
 0.007107   2.227783 136.961779

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -40.366661  -88.023172  -2.068824
-0.004171  -1.259003  -24.402723
0.14088  -40.366661  -88.023172  -2.068824
-0.004171  -0.393171  -11.365297
0.28175  -40.366661  -88.023172  -2.068824
-0.004171  -0.387518  -16.844484
0.42263  -40.366661  -88.023172  -2.068824
-0.004171  -1.064969  -40.192782
0.56350  -40.366661  -88.023172  -2.068824
-0.004171  -1.742886  -75.861346

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   34.033956  99.727165   1.736908
 0.005356   1.038908  70.043167
0.14088   34.033956  99.727165   1.736908
 0.005356   0.309535  58.847705
0.28175   34.033956  99.727165   1.736908
 0.005356   0.582913  67.362779
0.42263   34.033956  99.727165   1.736908
 0.005356   1.592367  95.325359
0.56350   34.033956  99.727165   1.736908
 0.005356   2.603319 128.974745
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2801

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -35.858743  -82.629320  -2.414348
-0.003299  -1.456665  -23.083155
0.14088  -35.858743  -82.629320  -2.414348
-0.003299  -0.445443  -22.597390
0.28175  -35.858743  -82.629320  -2.414348
-0.003299  -0.417889  -40.141724
0.42263  -35.858743  -82.629320  -2.414348
-0.003299  -1.147304  -72.319968
0.56350  -35.858743  -82.629320  -2.414348
-0.003299  -1.876335 -113.419954

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   42.580885 114.433251   1.723890
 0.004646   1.033002  61.393205
0.14088   42.580885 114.433251   1.723890
 0.004646   0.309512  49.288710
0.28175   42.580885 114.433251   1.723890
 0.004646   0.591588  57.129583
0.42263   42.580885 114.433251   1.723890
 0.004646   1.616697  81.096489
0.56350   42.580885 114.433251   1.723890
 0.004646   2.643506 109.792269

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -35.187191  -70.458693  -2.450782
-0.003381  -1.475683  -30.218886
0.14088  -35.187191  -70.458693  -2.450782
-0.003381  -0.449071  -39.811012
0.28175  -35.187191  -70.458693  -2.450782
-0.003381  -0.412940  -67.028431
0.42263  -35.187191  -70.458693  -2.450782
-0.003381  -1.136377 -106.402882
0.56350  -35.187191  -70.458693  -2.450782
-0.003381  -1.860027 -153.190581

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   0.163224  64.411941   0.451169
 0.003747   0.263234  73.049691
0.14088   0.163224  64.411941   0.451169
 0.003747   0.074011  57.940761
0.28175   0.163224  64.411941   0.451169
 0.003747   0.176152  44.418376
0.42263   0.163224  64.411941   0.451169
 0.003747   0.497984  47.677360
0.56350   0.163224  64.411941   0.451169
 0.003747   0.820489  57.033355

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -41.917704  -24.747161  -0.774571
-0.002455  -0.489827  -1.362741
0.14088  -41.917704  -24.747161  -0.774571
-0.002455  -0.166571  -2.983596
0.28175  -41.917704  -24.747161  -0.774571
-0.002455  -0.116091  -7.611105
0.42263  -41.917704  -24.747161  -0.774571
-0.002455  -0.305100  -24.403367
0.56350  -41.917704  -24.747161  -0.774571
-0.002455  -0.494430  -50.598726

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.948815 107.154322   0.764000
 0.003630   0.451235  70.220699
0.14088   11.948815 107.154322   0.764000
 0.003630   0.130402  49.489678
0.28175   11.948815 107.154322   0.764000
 0.003630   0.317400  33.664338
0.42263   11.948815 107.154322   0.764000
 0.003630   0.881544  35.830992
0.56350   11.948815 107.154322   0.764000
 0.003630   1.447034  43.562910
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2802

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -36.868279  -20.458950  -1.352454
-0.002836  -0.830736  -10.559689
0.14088  -36.868279  -20.458950  -1.352454
-0.002836  -0.265172  -28.736472
0.28175  -36.868279  -20.458950  -1.352454
-0.002836  -0.189717  -50.970398
0.42263  -36.868279  -20.458950  -1.352454
-0.002836  -0.510349  -86.808356
0.56350  -36.868279  -20.458950  -1.352454
-0.002836  -0.831155 -131.057666

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   22.801242 109.946078   1.469453
 0.003525   0.875121  61.249260
0.14088   22.801242 109.946078   1.469453
 0.003525   0.257886  49.100778
0.28175   22.801242 109.946078   1.469453
 0.003525   0.518350  54.822540
0.42263   22.801242 109.946078   1.469453
 0.003525   1.425544  73.510088
0.56350   22.801242 109.946078   1.469453
 0.003525   2.330373  96.014640

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -43.675956  -55.316113  -2.163684
-0.002410  -1.305086  -15.914415
0.14088  -43.675956  -55.316113  -2.163684
-0.002410  -0.398744  -27.699454
0.28175  -43.675956  -55.316113  -2.163684
-0.002410  -0.357312  -57.686823
0.42263  -43.675956  -55.316113  -2.163684
-0.002410  -0.974460  -97.646666
0.56350  -43.675956  -55.316113  -2.163684
-0.002410  -1.591096 -143.204442
```

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.604746	115.030103	1.512517
0.003219	0.902053	56.177784	
0.14088	23.604746	115.030103	1.512517
0.003219	0.266902	40.884920	
0.28175	23.604746	115.030103	1.512517
0.003219	0.538050	46.237031	
0.42263	23.604746	115.030103	1.512517
0.003219	1.481856	62.382276	
0.56350	23.604746	115.030103	1.512517
0.003219	2.426664	81.790202	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.285177	-47.656792	-2.254412
-0.002703	-1.359420	-18.950568	
0.14088	-44.285177	-47.656792	-2.254412
-0.002703	-0.414822	-32.794180	
0.28175	-44.285177	-47.656792	-2.254412
-0.002703	-0.366541	-66.075776	
0.42263	-44.285177	-47.656792	-2.254412
-0.002703	-1.001569	-107.933717	
0.56350	-44.285177	-47.656792	-2.254412
-0.002703	-1.636212	-155.716636	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.030665	28.229608	0.448568
0.000510	0.268132	11.661175	
0.14088	3.030665	28.229608	0.448568
0.000510	0.079962	3.831008	
0.28175	3.030665	28.229608	0.448568
0.000510	0.161116	3.742326	
0.42263	3.030665	28.229608	0.448568
0.000510	0.454270	4.811763	
0.56350	3.030665	28.229608	0.448568
0.000510	0.746542	6.062467	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.309173	-3.532682	-0.697429
-0.001091	-0.423598	-6.177640	
0.14088	-18.309173	-3.532682	-0.697429
-0.001091	-0.130439	-7.840125	
0.28175	-18.309173	-3.532682	-0.697429
-0.001091	-0.108409	-16.182457	
0.42263	-18.309173	-3.532682	-0.697429
-0.001091	-0.296626	-27.434960	
0.56350	-18.309173	-3.532682	-0.697429
-0.001091	-0.484809	-39.135327	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	24.854858	72.792226	0.771718
0.000746	0.464409	15.757261	
0.14088	24.854858	72.792226	0.771718
0.000746	0.140964	3.155242	
0.28175	24.854858	72.792226	0.771718
0.000746	0.292760	2.051445	
0.42263	24.854858	72.792226	0.771718
0.000746	0.809540	4.460577	
0.56350	24.854858	72.792226	0.771718
0.000746	1.326974	6.275396	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.992626	-4.465540	-1.233829
-0.001855	-0.742249	-22.613774	
0.14088	-21.992626	-4.465540	-1.233829
-0.001855	-0.222740	-39.005891	
0.28175	-21.992626	-4.465540	-1.233829
-0.001855	-0.183445	-65.539179	
0.42263	-21.992626	-4.465540	-1.233829
-0.001855	-0.507086	-95.218667	
0.56350	-21.992626	-4.465540	-1.233829
-0.001855	-0.830736	-125.672062	

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.193997	84.170078	0.990088
0.000571	0.588341	26.948211	
0.14088	14.193997	84.170078	0.990088
0.000571	0.177542	19.852602	
0.28175	14.193997	84.170078	0.990088
0.000571	0.396690	23.493004	
0.42263	14.193997	84.170078	0.990088
0.000571	1.102808	30.542701	
0.56350	14.193997	84.170078	0.990088
0.000571	1.809257	37.963262	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-33.821090	-18.335186	-1.683731
-0.001562	-1.012564	-15.552479	
0.14088	-33.821090	-18.335186	-1.683731
-0.001562	-0.306736	-35.355039	
0.28175	-33.821090	-18.335186	-1.683731
-0.001562	-0.241426	-65.037648	
0.42263	-33.821090	-18.335186	-1.683731
-0.001562	-0.657193	-99.261073	
0.56350	-33.821090	-18.335186	-1.683731
-0.001562	-1.072755	-134.291145	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	16.084709	118.965871	1.372537
0.003235	0.815941	66.144780	
0.14088	16.084709	118.965871	1.372537
0.003235	0.239913	43.766605	
0.28175	16.084709	118.965871	1.372537
0.003235	0.503229	41.047307	
0.42263	16.084709	118.965871	1.372537
0.003235	1.395582	51.619508	
0.56350	16.084709	118.965871	1.372537
0.003235	2.288624	65.628851	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.852440	-35.105723	-2.131614
-0.002923	-1.291915	-16.148314	
0.14088	-54.852440	-35.105723	-2.131614
-0.002923	-0.398833	-29.664511	
0.28175	-54.852440	-35.105723	-2.131614
-0.002923	-0.335456	-61.752468	
0.42263	-54.852440	-35.105723	-2.131614
-0.002923	-0.911418	-105.511154	
0.56350	-54.852440	-35.105723	-2.131614
-0.002923	-1.487439	-154.846581	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.834720	103.834313	1.157952
0.006571	0.691857	80.302463	
0.14088	26.834720	103.834313	1.157952
0.006571	0.206084	66.765154	
0.28175	26.834720	103.834313	1.157952
0.006571	0.327616	60.838443	
0.42263	26.834720	103.834313	1.157952
0.006571	0.901588	79.825598	
0.56350	26.834720	103.834313	1.157952
0.006571	1.475553	104.156610	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-42.325052	-61.422448	-1.371758
-0.004471	-0.837453	-23.113738	
0.14088	-42.325052	-61.422448	-1.371758
-0.004471	-0.262412	-35.609607	
0.28175	-42.325052	-61.422448	-1.371758
-0.004471	-0.279763	-53.935863	
0.42263	-42.325052	-61.422448	-1.371758
-0.004471	-0.765704	-83.598960	
0.56350	-42.325052	-61.422448	-1.371758
-0.004471	-1.251537	-125.701025	

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.580885	118.965871	1.736908
0.007107	1.038908	85.331795	
0.14088	42.580885	118.965871	1.736908
0.007107	0.309535	69.847404	
0.28175	42.580885	118.965871	1.736908
0.007107	0.591588	73.321256	
0.42263	42.580885	118.965871	1.736908
0.007107	1.616697	101.296646	
0.56350	42.580885	118.965871	1.736908
0.007107	2.643506	136.961779	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.852440	-88.023172	-2.450782
-0.004171	-1.475683	-30.218886	
0.14088	-54.852440	-88.023172	-2.450782
-0.004171	-0.449071	-39.811012	
0.28175	-54.852440	-88.023172	-2.450782
-0.004171	-0.417889	-67.028431	
0.42263	-54.852440	-88.023172	-2.450782
-0.004171	-1.147304	-107.933717	
0.56350	-54.852440	-88.023172	-2.450782
-0.004171	-1.876335	-155.716636	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.580885	118.965871	1.736908
0.007107	1.038908	85.331795	
0.14088	42.580885	118.965871	1.736908
0.007107	0.309535	69.847404	
0.28175	42.580885	118.965871	1.736908
0.007107	0.591588	73.321256	
0.42263	42.580885	118.965871	1.736908
0.007107	1.616697	101.296646	
0.56350	42.580885	118.965871	1.736908
0.007107	2.643506	136.961779	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.852440	-88.023172	-2.450782
-0.004471	-1.475683	-30.218886	
0.14088	-54.852440	-88.023172	-2.450782
-0.004471	-0.449071	-39.811012	
0.28175	-54.852440	-88.023172	-2.450782
-0.004471	-0.417889	-67.028431	
0.42263	-54.852440	-88.023172	-2.450782
-0.004471	-1.147304	-107.933717	
0.56350	-54.852440	-88.023172	-2.450782
-0.004471	-1.876335	-155.716636	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.580885	118.965871	1.736908
0.007107	1.038908	85.331795	
0.14088	42.580885	118.965871	1.736908
0.007107	0.309535	69.847404	
0.28175	42.580885	118.965871	1.736908
0.007107	0.591588	73.321256	
0.42263	42.580885	118.965871	1.736908
0.007107	1.616697	101.296646	
0.56350	42.580885	118.965871	1.736908
0.007107	2.643506	136.961779	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-54.852440	-88.023172	-2.450782
-0.004471	-1.475683	-30.218886	
0.14088	-54.852440	-88.023172	-2.450782
-0.004471	-0.449071	-39.811012	
0.28175	-54.852440	-88.023172	-2.450782
-0.004471	-0.417889	-67.028431	
0.42263	-54.852440	-88.023172	-2.450782
-0.004471	-1.147304	-107.933717	
0.56350	-54.852440	-88.023172	-2.450782
-0.004471	-1.876335	-155.716636	

ELEM 258 ================== LENGTH = 2.977458

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.940731	36.675932	0.556760
0.001566	0.626887	43.059655	
0.57746	7.940731	36.675932	0.556760
0.001566	0.393406	27.750805	
0.71831	7.940731	36.675932	0.556760
0.001566	0.159929	12.616084	
0.85915	7.940731	36.675932	0.556760
0.001566	0.092931	2.364148	
1.00000	7.940731	36.675932	0.556760
0.001566	0.350340	2.093513	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-1.708714	-31.002479	-0.613741
-1.64E-05	-0.679385	-58.636118	
0.57746	-1.708714	-31.002479	-0.613741
-1.64E-05	-0.422004	-45.730113	
0.71831	-1.708714	-31.002479	-0.613741
-1.64E-05	-0.164634	-32.904965	
0.85915	-1.708714	-31.002479	-0.613741
-1.64E-05	-0.073724	-20.660472	
1.00000	-1.708714	-31.002479	-0.613741
-1.64E-05	-0.307085	-20.104818	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.969983	63.022427	0.837604
0.007737	0.939605	112.479903	
0.57746	7.969983	63.022427	0.837604
0.007737	0.588382	87.767095	
0.71831	7.969983	63.022427	0.837604
0.007737	0.237307	74.264330	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	7.969983	63.022427	0.837604
0.007737	0.166230	80.861136	
1.00000	7.969983	63.022427	0.837604
0.007737	0.581862	101.096793	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-17.003147	-114.406312	-0.991456
-0.005732	-1.104376	-102.842116	
0.57746	-17.003147	-114.406312	-0.991456
-0.005732	-0.688712	-60.569948	
0.71831	-17.003147	-114.406312	-0.991456
-0.005732	-0.273156	-40.447017	
0.85915	-17.003147	-114.406312	-0.991456
-0.005732	-0.143639	-25.331554	
1.00000	-17.003147	-114.406312	-0.991456
-0.005732	-0.480364	-12.502940	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.578667	70.640613	0.894089
0.005639	1.000765	117.654585	
0.57746	9.578667	70.640613	0.894089
0.005639	0.625830	93.481286	
0.71831	9.578667	70.640613	0.894089
0.005639	0.250890	77.571862	
0.85915	9.578667	70.640613	0.894089
0.005639	0.190337	75.826882	
1.00000	9.578667	70.640613	0.894089
0.005639	0.713297	88.800593	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-13.891511	-122.540885	-1.247200
-0.004491	-1.394566	-130.741035	
0.57746	-13.891511	-122.540885	-1.247200
-0.004491	-0.871669	-83.520959	
0.71831	-13.891511	-122.540885	-1.247200
-0.004491	-0.348883	-51.578455	
0.85915	-13.891511	-122.540885	-1.247200
-0.004491	-0.143854	-22.496212	
1.00000	-13.891511	-122.540885	-1.247200
-0.004491	-0.509164	-13.890218	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	14.888849	70.877567	0.923286
0.004684	1.033743	120.416483	
0.57746	14.888849	70.877567	0.923286
0.004684	0.646560	95.405410	
0.71831	14.888849	70.877567	0.923286
0.004684	0.259411	76.963243	
0.85915	14.888849	70.877567	0.923286
0.004684	0.190035	75.219187	
1.00000	14.888849	70.877567	0.923286
0.004684	0.735189	76.960654	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-13.433547	-105.415930	-1.298195
-0.004269	-1.455536	-128.055217	
0.57746	-13.433547	-105.415930	-1.298195
-0.004269	-0.911228	-87.795945	
0.71831	-13.433547	-105.415930	-1.298195
-0.004269	-0.367011	-60.484709	
0.85915	-13.433547	-105.415930	-1.298195
-0.004269	-0.144176	-35.966760	
1.00000	-13.433547	-105.415930	-1.298195
-0.004269	-0.523444	-28.720236	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.434162	13.558757	0.270674
0.005011	0.299252	39.770866	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57746	0.434162	13.558757	0.270674
0.005011	0.185802	37.312559	
0.71831	0.434162	13.558757	0.270674
0.005011	0.072426	44.556906	
0.85915	0.434162	13.558757	0.270674
0.005011	0.073508	69.277379	
1.00000	0.434162	13.558757	0.270674
0.005011	0.248343	102.600006	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-14.002913	-92.928539	-0.417181
-0.005047	-0.470874	-57.285131	
0.57746	-14.002913	-92.928539	-0.417181
-0.005047	-0.296024	-23.215094	
0.71831	-14.002913	-92.928539	-0.417181
-0.005047	-0.121279	-7.835952	
0.85915	-14.002913	-92.928539	-0.417181
-0.005047	-0.066008	-2.009923	
1.00000	-14.002913	-92.928539	-0.417181
-0.005047	-0.167278	-1.937969	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	8.301652	30.018028	0.427502
0.004664	0.474297	58.460005	
0.57746	8.301652	30.018028	0.427502
0.004664	0.296030	52.153445	
0.71831	8.301652	30.018028	0.427502
0.004664	0.115751	54.853003	
0.85915	8.301652	30.018028	0.427502
0.004664	0.120754	73.898469	
1.00000	8.301652	30.018028	0.427502
0.004664	0.453557	100.760231	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-11.665362	-107.607141	-0.793608
-0.005372	-0.895694	-92.063324	
0.57746	-11.665362	-107.607141	-0.793608
-0.005372	-0.563030	-52.065871	
0.71831	-11.665362	-107.607141	-0.793608
-0.005372	-0.230456	-29.697455	
0.85915	-11.665362	-107.607141	-0.793608
-0.005372	-0.086103	-10.888742	
1.00000	-11.665362	-107.607141	-0.793608
-0.005372	-0.254424	-14.467670	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.900556	77.965015	0.775955
0.004230	0.867181	150.566224	
0.57746	10.900556	77.965015	0.775955
0.004230	0.541782	123.511117	
0.71831	10.900556	77.965015	0.775955
0.004230	0.216314	102.929310	
0.85915	10.900556	77.965015	0.775955
0.004230	0.171103	94.254675	
1.00000	10.900556	77.965015	0.775955
0.004230	0.660761	92.830604	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-17.768705	-106.089556	-1.167602
-0.003991	-1.310592	-115.022729	
0.57746	-17.768705	-106.089556	-1.167602
-0.003991	-0.821054	-74.428041	
0.71831	-17.768705	-106.089556	-1.167602
-0.003991	-0.331597	-46.552908	
0.85915	-17.768705	-106.089556	-1.167602
-0.003991	-0.125018	-22.176546	
1.00000	-17.768705	-106.089556	-1.167602
-0.003991	-0.442686	-18.509240	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.774287	75.904975	0.836391
0.003539	0.935576	148.797354	
0.57746	11.774287	75.904975	0.836391
0.003539	0.584852	121.714047	
0.71831	11.774287	75.904975	0.836391
0.003539	0.234024	100.041141	
0.85915	11.774287	75.904975	0.836391
0.003539	0.171209	88.297824	
1.00000	11.774287	75.904975	0.836391
0.003539	0.679898	82.455293	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-17.229008	-89.910544	-1.212935
-0.003877	-1.365448	-112.729940	
0.57746	-17.229008	-89.910544	-1.212935
-0.003877	-0.856883	-78.334039	
0.71831	-17.229008	-89.910544	-1.212935
-0.003877	-0.348374	-54.624362	
0.85915	-17.229008	-89.910544	-1.212935
-0.003877	-0.130017	-33.651776	
1.00000	-17.229008	-89.910544	-1.212935
-0.003877	-0.474327	-30.186445	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.332775	16.102605	0.301360
6.73E-06	0.338238	36.871955	
0.57746	1.332775	16.102605	0.301360
6.73E-06	0.211858	30.143384	
0.71831	1.332775	16.102605	0.301360
6.73E-06	0.085467	23.447915	
0.85915	1.332775	16.102605	0.301360
6.73E-06	0.040166	16.880587	
1.00000	1.332775	16.102605	0.301360
6.73E-06	0.186349	10.558836	

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-4.443356	-2.383167	-0.348527
-0.000821	-0.398314	-25.012733	
0.57746	-4.443356	-2.383167	-0.348527
-0.000821	-0.252155	-24.057550	
0.71831	-4.443356	-2.383167	-0.348527
-0.000821	-0.106004	-23.169272	
0.85915	-4.443356	-2.383167	-0.348527
-0.000821	-0.040850	-22.308329	
1.00000	-4.443356	-2.383167	-0.348527
-0.000821	-0.167296	-21.482564	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	12.327910	31.297885	0.489850
0.000193	0.549249	61.653433	
0.57746	12.327910	31.297885	0.489850
0.000193	0.343823	48.748939	
0.71831	12.327910	31.297885	0.489850
0.000193	0.138383	36.350967	
0.85915	12.327910	31.297885	0.489850
0.000193	0.082787	25.885060	
1.00000	12.327910	31.297885	0.489850
0.000193	0.366059	16.291122	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-6.285630	-12.688644	-0.675285
-0.001617	-0.767448	-52.188555	
0.57746	-6.285630	-12.688644	-0.675285
-0.001617	-0.484261	-47.714948	
0.71831	-6.285630	-12.688644	-0.675285
-0.001617	-0.201094	-44.546677	
0.85915	-6.285630	-12.688644	-0.675285
-0.001617	-0.067862	-42.050064	
1.00000	-6.285630	-12.688644	-0.675285
-0.001617	-0.272931	-40.199998	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	8.777815	38.501553	0.605688
0.000307	0.675582	73.556484	
0.57746	8.777815	38.501553	0.605688
0.000307	0.421583	62.522398	
0.71831	8.777815	38.501553	0.605688
0.000307	0.167534	52.480720	
0.85915	8.777815	38.501553	0.605688
0.000307	0.120272	44.887073	
1.00000	8.777815	38.501553	0.605688
0.000307	0.522707	44.746334	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.831970	-56.630946	-0.959554
-0.002015	-1.088087	-92.254310	
0.57746	-8.831970	-56.630946	-0.959554
-0.002015	-0.685738	-69.601874	
0.71831	-8.831970	-56.630946	-0.959554
-0.002015	-0.283473	-48.806006	
0.85915	-8.831970	-56.630946	-0.959554
-0.002015	-0.087927	-31.349595	
1.00000	-8.831970	-56.630946	-0.959554
-0.002015	-0.341265	-34.384788	

COMB DB-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.171058	70.032599	0.785069
0.003698	0.877482	146.831679	
0.57746	9.171058	70.032599	0.785069
0.003698	0.548261	122.173650	
0.71831	9.171058	70.032599	0.785069
0.003698	0.219009	103.845416	
0.85915	9.171058	70.032599	0.785069

0.003698 0.160026 97.066288
1.00000 9.171058 70.032599 0.785069
0.003698 0.640635 96.261641

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-19.227230	-88.850750	-1.145962
-0.004506	-1.294282	-106.144752	
0.57746	-19.227230	-88.850750	-1.145962
-0.004506	-0.813811	-72.600184	
0.71831	-19.227230	-88.850750	-1.145962
-0.004506	-0.333424	-51.510468	
0.85915	-19.227230	-88.850750	-1.145962
-0.004506	-0.125943	-33.150875	
1.00000	-19.227230	-88.850750	-1.145962
-0.004506	-0.447571	-31.938626	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	16.283897	31.362495	0.790719
0.001721	0.894009	37.263588	
0.57746	16.283897	31.362495	0.790719
0.001721	0.562180	24.375522	
0.71831	16.283897	31.362495	0.790719
0.001721	0.230581	11.785751	
0.85915	16.283897	31.362495	0.790719
0.001721	0.196448	2.907628	
1.00000	16.283897	31.362495	0.790719
0.001721	0.755091	2.342962	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-2.456377	-44.304563	-1.332863
-1.22E-05	-1.479947	-91.754702	
0.57746	-2.456377	-44.304563	-1.332863
-1.22E-05	-0.921014	-73.436338	
0.71831	-2.456377	-44.304563	-1.332863
-1.22E-05	-0.362308	-55.384236	
0.85915	-2.456377	-44.304563	-1.332863
-1.22E-05	-0.100421	-39.471687	
1.00000	-2.456377	-44.304563	-1.332863
-1.22E-05	-0.432891	-32.343409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2810

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	16.013592	54.488440	1.272208
0.007802	1.418883	102.106205	
0.57746	16.013592	54.488440	1.272208
0.007802	0.985566	81.552459	
0.71831	16.013592	54.488440	1.272208
0.007802	0.355063	73.411428	
0.85915	16.013592	54.488440	1.272208
0.007802	0.304124	84.193400	
1.00000	16.013592	54.488440	1.272208
0.007802	1.124617	105.779763	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-18.424779	-126.164967	-1.958513
-0.006008	-2.181429	-140.460742	
0.57746	-18.424779	-126.164967	-1.958513
-0.006008	-1.360557	-89.543397	
0.71831	-18.424779	-126.164967	-1.958513
-0.006008	-0.542887	-62.211182	
0.85915	-18.424779	-126.164967	-1.958513
-0.006008	-0.204329	-41.067355	
1.00000	-18.424779	-126.164967	-1.958513
-0.006008	-0.730769	-26.528316	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	16.759963	66.426654	1.337950
0.005980	1.493352	122.190151	
0.57746	16.759963	66.426654	1.337950
0.005980	0.932425	98.006012	
0.71831	16.759963	66.426654	1.337950
0.005980	0.372782	82.945400	
0.85915	16.759963	66.426654	1.337950
0.005980	0.353030	82.195611	
1.00000	16.759963	66.426654	1.337950
0.005980	1.281795	97.888739	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-16.368420	-127.803154	-2.265904
-0.004788	-2.531439	-154.640084	
0.57746	-16.368420	-127.803154	-2.265904
-0.004788	-1.581615	-102.787392	
0.71831	-16.368420	-127.803154	-2.265904
-0.004788	-0.634493	-67.954122	
0.85915	-16.368420	-127.803154	-2.265904
-0.004788	-0.205035	-37.487461	
1.00000	-16.368420	-127.803154	-2.265904
-0.004788	-0.761279	-26.305673	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	20.944493	72.328050	1.335435
0.004970	1.492270	131.901289	
0.57746	20.944493	72.328050	1.335435
0.004970	0.932347	104.840165	
0.71831	20.944493	72.328050	1.335435
0.004970	0.373689	85.439863	
0.85915	20.944493	72.328050	1.335435
0.004970	0.335847	78.155207	
1.00000	20.944493	72.328050	1.335435
0.004970	1.311469	85.199791	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-16.223363	-109.713156	-2.328480
-0.004549	-2.604120	-147.423951	
0.57746	-16.223363	-109.713156	-2.328480
-0.004549	-1.628162	-103.102629	
0.71831	-16.223363	-109.713156	-2.328480
-0.004549	-0.654195	-73.093198	
0.85915	-16.223363	-109.713156	-2.328480
-0.004549	-0.200538	-47.383320	
1.00000	-16.223363	-109.713156	-2.328480
-0.004549	-0.756378	-38.519971	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2811

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	0.420189	14.135136	0.436494
0.004153	0.474386	45.778706	
0.57746	0.420189	14.135136	0.436494
0.004153	0.291633	42.683778	
0.71831	0.420189	14.135136	0.436494
0.004153	0.110682	48.864325	
0.85915	0.420189	14.135136	0.436494
0.004153	0.095764	71.046484	
1.00000	0.420189	14.135136	0.436494
0.004153	0.352070	98.730719	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-16.212963	-80.485023	-0.612445
-0.004424	-0.689889	-54.207427	
0.57746	-16.212963	-80.485023	-0.612445
-0.004424	-0.433734	-22.270294	
0.71831	-16.212963	-80.485023	-0.612445
-0.004424	-0.179486	-7.313833	
0.85915	-16.212963	-80.485023	-0.612445
-0.004424	-0.091097	-2.075385	
1.00000	-16.212963	-80.485023	-0.612445
-0.004424	-0.268372	-2.017639	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	7.886433	36.566573	0.639200
0.003964	0.703001	80.517959	
0.57746	7.886433	36.566573	0.639200
0.003964	0.434915	69.137895	
0.71831	7.886433	36.566573	0.639200
0.003964	0.168718	66.555749	
0.85915	7.886433	36.566573	0.639200
0.003964	0.172607	78.041712	
1.00000	7.886433	36.566573	0.639200
0.003964	0.670922	100.447987	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-13.992871	-91.634950	-1.190484
-0.004890	-1.337977	-82.049603	
0.57746	-13.992871	-91.634950	-1.190484
-0.004890	-0.839053	-45.450994	
0.71831	-13.992871	-91.634950	-1.190484
-0.004890	-0.342997	-25.112655	
0.85915	-13.992871	-91.634950	-1.190484
-0.004890	-0.116182	-10.055251	
1.00000	-13.992871	-91.634950	-1.190484
-0.004890	-0.378592	-13.523841	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	12.857419	78.033952	1.176672
0.003666	1.309314	160.705092	
0.57746	12.857419	78.033952	1.176672
0.003666	0.815764	131.331253	
0.71831	12.857419	78.033952	1.176672
0.003666	0.323085	107.931909	
0.85915	12.857419	78.033952	1.176672
0.003666	0.280826	94.577185	
1.00000	12.857419	78.033952	1.176672
0.003666	1.115554	91.672827	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-19.384651	-98.720756	-1.993424
-0.003403	-2.234656	-119.140000	
0.57746	-19.384651	-98.720756	-1.993424
-0.003403	-1.399001	-79.236210	
0.71831	-19.384651	-98.720756	-1.993424
-0.003403	-0.565281	-50.131928	
0.85915	-19.384651	-98.720756	-1.993424
-0.003403	-0.180057	-25.236361	
1.00000	-19.384651	-98.720756	-1.993424
-0.003403	-0.670182	-18.816555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2812

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	13.457123	80.898537	1.227040
0.003068	1.367890	165.608071	
0.57746	13.457123	80.898537	1.227040
0.003068	0.852246	134.633741	
0.71831	13.457123	80.898537	1.227040
0.003068	0.339447	108.718741	
0.85915	13.457123	80.898537	1.227040
0.003068	0.284868	91.219353	
1.00000	13.457123	80.898537	1.227040
0.003068	1.154564	82.821518	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-20.017708	-84.268848	-2.075167
-0.003438	-2.331602	-116.791259	
0.57746	-20.017708	-84.268848	-2.075167
-0.003438	-1.461747	-82.829620	
0.71831	-20.017708	-84.268848	-2.075167
-0.003438	-0.593317	-57.978555	
0.85915	-20.017708	-84.268848	-2.075167
-0.003438	-0.183590	-36.939504	
1.00000	-20.017708	-84.268848	-2.075167
-0.003438	-0.695118	-31.037316	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	1.879278	23.193959	0.406085
3.95E-06	0.454880	49.566192	
0.57746	1.879278	23.193959	0.406085
3.95E-06	0.284565	40.133977	
0.71831	1.879278	23.193959	0.406085
3.95E-06	0.114245	30.858160	
0.85915	1.879278	23.193959	0.406085
3.95E-06	0.101146	21.945573	
1.00000	1.879278	23.193959	0.406085
3.95E-06	0.323331	13.728023	

COMB DL-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-8.618154	-3.844042	-0.601282
-0.000886	-0.686021	-26.753233	
0.57746	-8.618154	-3.844042	-0.601282
-0.000886	-0.433392	-25.453359	
0.71831	-8.618154	-3.844042	-0.601282
-0.000886	-0.181074	-24.334330	
0.85915	-8.618154	-3.844042	-0.601282
-0.000886	-0.056174	-23.573609	
1.00000	-8.618154	-3.844042	-0.601282
-0.000886	-0.226452	-23.452251	

COMB DL-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	12.969552	44.489934	0.649899
0.000123	0.728595	84.982134	
0.57746	12.969552	44.489934	0.649899
0.000123	0.456033	66.926646	
0.71831	12.969552	44.489934	0.649899
0.000123	0.183738	49.402248	
0.85915	12.969552	44.489934	0.649899
0.000123	0.148012	33.346536	
1.00000	12.969552	44.489934	0.649899
0.000123	0.634484	19.365832	

COMB DL-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-10.588080	-13.047951	-1.158710
-0.001673	-1.308850	-52.023153	
0.57746	-10.588080	-13.047951	-1.158710
-0.001673	-0.823490	-47.304493	
0.71831	-10.588080	-13.047951	-1.158710
-0.001673	-0.337065	-43.581823	
0.85915	-10.588080	-13.047951	-1.158710
-0.001673	-0.089943	-41.628824	
1.00000	-10.588080	-13.047951	-1.158710
-0.001673	-0.361977	-41.950384	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2813

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	9.069168	51.376596	0.828233
5.79E-06	0.991580	105.052734	
0.57746	9.069168	51.376596	0.828233
5.79E-06	0.575800	86.360669	
0.71831	9.069168	51.376596	0.828233
5.79E-06	0.228170	68.599643	
0.85915	9.069168	51.376596	0.828233
5.79E-06	0.186661	54.070837	
1.00000	9.069168	51.376596	0.828233
5.79E-06	0.815980	49.950042	

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-14.533688	-47.211473	-1.499769
-0.001744	-1.696915	-82.329361	
0.57746	-14.533688	-47.211473	-1.499769
-0.001744	-1.068566	-63.589155	
0.71831	-14.533688	-47.211473	-1.499769
-0.001744	-0.439525	-45.695128	
0.85915	-14.533688	-47.211473	-1.499769
-0.001744	-0.117981	-32.424159	
1.00000	-14.533688	-47.211473	-1.499769
-0.001744	-0.465102	-35.990751	

COMB DL-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	10.015306	78.256109	1.163538
0.002830	1.293361	169.578789	
0.57746	10.015306	78.256109	1.163538
0.002830	0.805350	139.898970	
0.71831	10.015306	78.256109	1.163538
0.002830	0.318880	115.809372	
0.85915	10.015306	78.256109	1.163538
0.002830	0.255527	101.318467	
1.00000	10.015306	78.256109	1.163538
0.002830	1.052672	95.945037	

COMB DL-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-24.014332	-78.610050	-1.901938
-0.003792	-2.143703	-104.294234	
0.57746	-24.014332	-78.610050	-1.901938
-0.003792	-1.346953	-72.991167	
0.71831	-24.014332	-78.610050	-1.901938
-0.003792	-0.550583	-51.655300	
0.85915	-24.014332	-78.610050	-1.901938
-0.003792	-0.179105	-35.363733	
1.00000	-24.014332	-78.610050	-1.901938
-0.003792	-0.663842	-33.650475	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	14.888849	77.965015	0.923286
0.007737	1.033743	150.566224	
0.57746	14.888849	77.965015	0.923286
0.007737	0.646560	123.511117	
0.71831	14.888849	77.965015	0.923286
0.007737	0.259411	103.845416	
0.85915	14.888849	77.965015	0.923286
0.007737	0.190805	97.066288	
1.00000	14.888849	77.965015	0.923286
0.007737	0.735189	102.600006	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-19.227230	-122.540885	-1.298195
-0.005732	-1.455536	-130.781035	
0.57746	-19.227230	-122.540885	-1.298195
-0.005732	-0.911228	-87.795945	
0.71831	-19.227230	-122.540885	-1.298195
-0.005732	-0.367011	-60.484709	
0.85915	-19.227230	-122.540885	-1.298195
-0.005732	-0.144064	-42.014064	
1.00000	-19.227230	-122.540885	-1.298195
-0.005732	-0.523444	-40.199998	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2814

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	20.944493	80.898537	1.337950
0.007802	1.493352	169.578789	
0.57746	20.944493	80.898537	1.337950
0.007802	0.932425	139.898970	
0.71831	20.944493	80.898537	1.337950
0.007802	0.373689	115.809372	
0.85915	20.944493	80.898537	1.337950
0.007802	0.335847	101.318467	
1.00000	20.944493	80.898537	1.337950
0.007802	1.311469	105.779763	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-24.014332	-127.803154	-2.328480
-0.006008	-2.604120	-154.640084	
0.57746	-24.014332	-127.803154	-2.328480
-0.006008	-1.628162	-103.102629	
0.71831	-24.014332	-127.803154	-2.328480
-0.006008	-0.654195	-73.093198	
0.85915	-24.014332	-127.803154	-2.328480
-0.006008	-0.205035	-47.383320	
1.00000	-24.014332	-127.803154	-2.328480
-0.006008	-0.761279	-41.950384	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	20.944493	80.898537	1.337950
0.007802	1.493352	169.578789	
0.57746	20.944493	80.898537	1.337950
0.007802	0.932425	139.898970	
0.71831	20.944493	80.898537	1.337950
0.007802	0.373689	115.809372	
0.85915	20.944493	80.898537	1.337950
0.007802	0.335847	101.318467	
1.00000	20.944493	80.898537	1.337950
0.007802	1.311469	105.779763	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-24.014332	-127.803154	-2.328480
-0.006008	-2.604120	-154.640084	
0.57746	-24.014332	-127.803154	-2.328480
-0.006008	-1.628162	-103.102629	
0.71831	-24.014332	-127.803154	-2.328480
-0.006008	-0.654195	-73.093198	
0.85915	-24.014332	-127.803154	-2.328480
-0.006008	-0.205035	-47.383320	
1.00000	-24.014332	-127.803154	-2.328480
-0.006008	-0.761279	-41.950384	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43661	20.944493	80.898537	1.337950
0.007802	1.493352	169.578789	
0.57746	20.944493	80.898537	1.337950
0.007802	0.932425	139.898970	
0.71831	20.944493	80.898537	1.337950
0.007802	0.373689	115.809372	
0.85915	20.944493	80.898537	1.337950
0.007802	0.335847	101.318467	
1.00000	20.944493	80.898537	1.337950
0.007802	1.311469	105.779763	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43661	-24.014332	-127.803154	-2.328480
-0.006008	-2.604120	-154.640084	
0.57746	-24.014332	-127.803154	-2.328480
-0.006008	-1.628162	-103.102629	
0.71831	-24.014332	-127.803154	-2.328480
-0.006008	-0.654195	-73.093198	
0.85915	-24.014332	-127.803154	-2.328480
-0.006008	-0.205035	-47.383320	
1.00000	-24.014332	-127.803154	-2.328480
-0.006008	-0.761279	-41.950384	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2815

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 259 ========== LENGTH = 2.977431

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.936243	36.291249	0.615750
0.001545	0.349653	2.090076	
0.14085	7.936243	36.291249	0.615750
0.001545	0.091467	7.250372	
0.28169	7.936243	36.291249	0.615750
0.001545	0.157617	19.776899	
0.42254	7.936243	36.291249	0.615750
0.001545	0.397645	32.665112	
0.56338	7.936243	36.291249	0.615750
0.001545	0.637658	45.570616	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.682363	-30.921303	-0.572363
-7.14E-06	-0.322447	-20.115480	
0.14085	-1.682363	-30.921303	-0.572363
-7.14E-06	-0.082360	-34.527812	
0.28169	-1.682363	-30.921303	-0.572363
-7.14E-06	-0.166783	-49.539912	
0.42254	-1.682363	-30.921303	-0.572363
-7.14E-06	-0.425015	-64.707041	
0.56338	-1.682363	-30.921303	-0.572363
-7.14E-06	-0.683235	-79.898116	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.653317	127.516494	0.886340
0.007604	0.501185	101.453294	
0.14085	7.653317	127.516494	0.886340
0.007604	0.136219	83.062430	
0.28169	7.653317	127.516494	0.886340
0.007604	0.263200	71.842296	
0.42254	7.653317	127.516494	0.886340
0.007604	0.658438	83.165786	
0.56338	7.653317	127.516494	0.886340
0.007604	1.055711	104.368369	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-18.893283	-53.191348	-0.970494
-0.005801	-0.573787	-12.508150	
0.14085	-18.893283	-53.191348	-0.970494
-0.005801	-0.168215	-33.351792	
0.28169	-18.893283	-53.191348	-0.970494
-0.005801	-0.242480	-55.833398	
0.42254	-18.893283	-53.191348	-0.970494
-0.005801	-0.614141	-86.240958	
0.56338	-18.893283	-53.191348	-0.970494
-0.005801	-0.985826	-136.845806	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	9.426685	114.420017	0.911370
0.005541	0.512602	89.035286	
0.14085	9.426685	114.420017	0.911370
0.005541	0.135001	91.650966	
0.28169	9.426685	114.420017	0.911370
0.005541	0.343057	102.037634	
0.42254	9.426685	114.420017	0.911370
0.005541	0.857740	128.527326	
0.56338	9.426685	114.420017	0.911370
0.005541	1.374892	161.793380	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-15.191034	-81.333606	-1.248935
-0.004093	-0.721276	-13.876929	
0.14085	-15.191034	-81.333606	-1.248935
-0.004093	-0.196395	-39.508739	
0.28169	-15.191034	-81.333606	-1.248935
-0.004093	-0.252002	-66.399066	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2816

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42254	-15.191034	-81.333606	-1.248935
-0.004093	-0.634219	-98.658822	
0.56338	-15.191034	-81.333606	-1.248935
-0.004093	-1.016363	-144.690170	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	14.772913	107.235951	0.945135
0.004604	0.531650	77.160099	
0.14085	14.772913	107.235951	0.945135
0.004604	0.139076	76.533938	
0.28169	14.772913	107.235951	0.945135
0.004604	0.364822	85.442143	
0.42254	14.772913	107.235951	0.945135
0.004604	0.914123	108.279542	
0.56338	14.772913	107.235951	0.945135
0.004604	1.465475	136.980066	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-14.519319	-71.325695	-1.327827
-0.004101	-0.762849	-28.712205	
0.14085	-14.519319	-71.325695	-1.327827
-0.004101	-0.206706	-49.920981	
0.28169	-14.519319	-71.325695	-1.327827
-0.004101	-0.261220	-72.258563	
0.42254	-14.519319	-71.325695	-1.327827

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-0.004101   -0.657579   -99.475035
 0.56338   -14.519319   -71.325695    -1.327827
-0.004101   -1.053898  -139.116176

COMB DB-G2-1 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    0.176482    68.099506    0.235724
 0.004807   0.130113   102.895241
 0.14085    0.176482    68.099506    0.235724
 0.004807   0.037061    92.379202
 0.28169    0.176482    68.099506    0.235724
 0.004807   0.126200    82.458018
 0.42254    0.176482    68.099506    0.235724
 0.004807   0.317641    91.118854
 0.56338    0.176482    68.099506    0.235724
 0.004807   0.509231   107.885600

COMB DB-G2-1 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -15.619929   -42.054278   -0.476215
-0.004849   -0.291046   -1.927033
 0.14085  -15.619929   -42.054278   -0.476215
-0.004849   -0.092687   -3.972821
 0.28169  -15.619929   -42.054278   -0.476215
-0.004849   -0.067735   -6.695473
 0.42254  -15.619929   -42.054278   -0.476215
-0.004849   -0.166559   -16.014586
 0.56338  -15.619929   -42.054278   -0.476215
-0.004849   -0.265408   -42.213904

COMB DB-G2-2 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    8.142198    80.791049    0.382641
 0.004474   0.211297   101.034264
 0.14085    8.142198    80.791049    0.382641
 0.004474   0.056140    96.402868
 0.28169    8.142198    80.791049    0.382641
 0.004474   0.237825    94.208220
 0.42254    8.142198    80.791049    0.382641
 0.004474   0.597476   110.517720
 0.56338    8.142198    80.791049    0.382641
 0.004474   0.957227   134.695410

COMB DB-G2-2 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -13.195043   -60.582481   -0.875873
-0.005000   -0.513329   -14.456816
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2817

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P          V2          V3
     T          M2          M3
 0.14085  -13.195043   -60.582481   -0.875873
-0.005000   -0.147121   -21.083290
 0.28169  -13.195043   -60.582481   -0.875873
-0.005000   -0.109693   -28.420305
 0.42254  -13.195043   -60.582481   -0.875873
-0.005000   -0.072151   -42.420763
 0.56338  -13.195043   -60.582481   -0.875873
-0.005000   -0.430586   -73.115731

COMB DB-G2-3 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   10.797713   113.320022    0.772361
 0.004365   0.432863    93.009805
 0.14085   10.797713   113.320022    0.772361
 0.004365   0.112697    85.514647
 0.28169   10.797713   113.320022    0.772361
 0.004365   0.332282    94.813431
 0.42254   10.797713   113.320022    0.772361
 0.004365   0.824566   118.339814
 0.56338   10.797713   113.320022    0.772361
 0.004365   1.316943   147.697971

COMB DB-G2-3 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -18.828173   -72.906547   -1.186921
-0.003633   -0.675020   -18.488062
 0.14085  -18.828173   -72.906547   -1.186921
-0.003633   -0.181798   -26.430840
 0.28169  -18.828173   -72.906547   -1.186921
-0.003633   -0.214912   -54.671305
 0.42254  -18.828173   -72.906547   -1.186921
-0.003633   -0.538851   -87.730776
 0.56338  -18.828173   -72.906547   -1.186921
-0.003633   -0.862739  -132.797220

COMB DB-G2-4 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   11.692760   105.583912    0.842753
 0.003651   0.472979    82.611814
 0.14085   11.692760   105.583912    0.842753
 0.003651   0.122637    71.712315
 0.28169   11.692760   105.583912    0.842753
 0.003651   0.352946    79.404883
 0.42254   11.692760   105.583912    0.842753
 0.003651   0.880902    99.433576
 0.56338   11.692760   105.583912    0.842753
 0.003651   1.408928   124.293441

COMB DB-G2-4 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -18.124526   -62.129019   -1.269851
-0.003775   -0.171250   -30.117250
 0.14085  -18.124526   -62.129019   -1.269851
-0.003775   -0.193210   -36.496204
 0.28169  -18.124526   -62.129019   -1.269851
-0.003775   -0.233840   -59.702893
 0.42254  -18.124526   -62.129019   -1.269851
-0.003775   -0.587306   -86.859991
 0.56338  -18.124526   -62.129019   -1.269851
-0.003775   -0.940700  -123.963173

COMB DB-G3-1 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    1.340554    16.278486    0.317040
 9.48E-06   0.178842    10.567012
 0.14085    1.340554    16.278486    0.317040
 9.48E-06   0.045838     5.697726
 0.28169    1.340554    16.278486    0.317040
 9.48E-06   0.113481     3.237133
 0.42254    1.340554    16.278486    0.317040
 9.48E-06   0.290928     2.154267
 0.56338    1.340554    16.278486    0.317040
 9.48E-06   0.468363     2.866359
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2818

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   -4.457090   -2.332952    -0.423137
-0.001181   -0.241423   -21.486273
 0.14085   -4.457090   -2.332952    -0.423137
-0.001181   -0.063897   -20.713079
 0.28169   -4.457090   -2.332952    -0.423137
-0.001181   -0.087051   -20.019972
 0.42254   -4.457090   -2.332952    -0.423137
-0.001181   -0.220022   -19.441795
 0.56338   -4.457090   -2.332952    -0.423137
-0.001181   -0.352975   -18.906460

COMB DB-G3-2 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   12.342949   33.510788    0.510877
 0.000185   0.287651   16.313158
 0.14085   12.342949   33.510788    0.510877
 0.000185   0.073524    8.751954
 0.28169   12.342949   33.510788    0.510877
 0.000185   0.210775    6.209036
 0.42254   12.342949   33.510788    0.510877
 0.000185   0.535145    8.542913
 0.56338   12.342949   33.510788    0.510877
 0.000185   0.859502   12.320034

COMB DB-G3-2 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   -6.368314   -11.003585   -0.774215
-0.002112   -0.439244   -40.207532
 0.14085   -6.368314   -11.003585   -0.774215
-0.002112   -0.114517   -39.427356
 0.28169   -6.368314   -11.003585   -0.774215
-0.002112   -0.140815   -40.430253
 0.42254   -6.368314   -11.003585   -0.774215
-0.002112   -0.355071   -42.684265
 0.56338   -6.368314   -11.003585   -0.774215
-0.002112   -0.569311   -46.750678

COMB DB-G3-3 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    8.845699    41.990449    0.584273
 0.000294   0.325830    44.764550
 0.14085    8.845699    41.990449    0.584273
 0.000294   0.081172    55.367630
 0.28169    8.845699    41.990449    0.584273
 0.000294   0.296449    70.696299
 0.42254    8.845699    41.990449    0.584273
 0.000294   0.750624    91.621028
 0.56338    8.845699    41.990449    0.584273
 0.000294   1.204794   113.813648

COMB DB-G3-3 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   -8.969292   -54.193027   -1.084202
-0.001924   -0.614108   -34.382173
 0.14085   -8.969292   -54.193027   -1.084202
-0.001924   -0.159460   -40.216119
 0.28169   -8.969292   -54.193027   -1.084202
-0.001924   -0.164216   -46.212397
 0.42254   -8.969292   -54.193027   -1.084202
-0.001924   -0.409244   -53.061846
 0.56338   -8.969292   -54.193027   -1.084202
-0.001924   -0.654263   -61.766347

COMB DB-G3-4 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    9.067072   105.329981    0.781166
 0.003790   0.437683    96.452225
 0.14085    9.067072   105.329981    0.781166
 0.003790   0.113782    79.566889
 0.28169    9.067072   105.329981    0.781166
 0.003790   0.342974    77.876518
 0.42254    9.067072   105.329981    0.781166
 0.003790   0.861851    94.115233
 0.56338    9.067072   105.329981    0.781166
 0.003790   1.380789   116.423096
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2819

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -20.309440   -55.924152   -1.250073
-0.004515   -0.717078   -31.921108
 0.14085  -20.309440   -55.924152   -1.250073
-0.004515   -0.193562   -33.659206
 0.28169  -20.309440   -55.924152   -1.250073
-0.004515   -0.217526   -51.625083
 0.42254  -20.309440   -55.924152   -1.250073
-0.004515   -0.554123   -75.253420
 0.56338  -20.309440   -55.924152   -1.250073
-0.004515   -0.872690  -110.583369

COMB DL-G1-1 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   16.270901   31.045168    0.921931
 0.001756   0.527506    2.337921
 0.14085   16.270901   31.045168    0.921931
 0.001756   0.140083    6.733982
 0.28169   16.270901   31.045168    0.921931
 0.001756   0.347804   22.464537
 0.42254   16.270901   31.045168    0.921931
 0.001756   0.854418   40.236507
 0.56338   16.270901   31.045168    0.921931
 0.001756   1.361383   58.466001

COMB DL-G1-1 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   -2.436763   -44.207084   -1.208610
-4.27E-06   -0.665313   -32.335772
 0.14085   -2.436763   -44.207084   -1.208610
-4.27E-06   -0.158806   -33.671167
 0.28169   -2.436763   -44.207084   -1.208610
-4.27E-06   -0.245896   -44.079251
 0.42254   -2.436763   -44.207084   -1.208610
-4.27E-06   -0.632496   -56.402769
 0.56338   -2.436763   -44.207084   -1.208610
-4.27E-06   -1.019166   -69.140796

COMB DL-G1-2 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   15.584211   117.005089    1.313081
 0.008284   0.746381   105.837758
 0.14085   15.584211   117.005089    1.313081
 0.008284   0.211476   85.133400
 0.28169   15.584211   117.005089    1.313081
 0.008284   0.535240   77.547108
 0.42254   15.584211   117.005089    1.313081
 0.008284   1.333212   92.472691
 0.56338   15.584211   117.005089    1.313081
 0.008284   2.131755   118.435974

COMB DL-G1-2 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -21.373726   -66.162710   -1.924006
-0.005795   -1.102177   -26.511156
 0.14085  -21.373726   -66.162710   -1.924006
-0.005795   -0.296260   -31.617764
 0.28169  -21.373726   -66.162710   -1.924006
-0.005795   -0.359081   -47.835417
 0.42254  -21.373726   -66.162710   -1.924006
-0.005795   -0.909431   -75.333623
 0.56338  -21.373726   -66.162710   -1.924006
-0.005795   -1.460056  -122.823687

COMB DL-G1-3 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   16.507136   110.814494    1.366005
 0.006238   0.771905    97.925277
 0.14085   16.507136   110.814494    1.366005
 0.006238   0.209953    94.199190
 0.28169   16.507136   110.814494    1.366005
 0.006238   0.631174   103.422872
 0.42254   16.507136   110.814494    1.366005
 0.006238   1.574139   129.046575
 0.56338   16.507136   110.814494    1.366005
 0.006238   2.518233   162.540177
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2820

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -18.497570   -85.516782   -2.265364
-0.004298   -1.283712   -26.281867
 0.14085  -18.497570   -85.516782   -2.265364
-0.004298   -0.336189   -38.048267
 0.28169  -18.497570   -85.516782   -2.265364
-0.004298   -0.375151   -59.764777
 0.42254  -18.497570   -85.516782   -2.265364
-0.004298   -0.948586   -89.811980
 0.56338  -18.497570   -85.516782   -2.265364
-0.004298   -1.521346  -134.063643

COMB DL-G1-4 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   20.743659   109.237368    1.384009
 0.005184   0.783528    85.237680
 0.14085   20.743659   109.237368    1.384009
 0.005184   0.212531    78.516814
 0.28169   20.743659   109.237368    1.384009
 0.005184   0.652533    86.599281
 0.42254   20.743659   109.237368    1.384009
 0.005184   1.629398   108.898361
 0.56338   20.743659   109.237368    1.384009
 0.005184   2.607066   137.885455

COMB DL-G1-4 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -18.011526   -74.769138   -2.343376
-0.004279   -1.325009   -38.504020
 0.14085  -18.011526   -74.769138   -2.343376
-0.004279   -0.344423   -50.493802
 0.28169  -18.011526   -74.769138   -2.343376
-0.004279   -0.378659   -73.736434
 0.42254  -18.011526   -74.769138   -2.343376
-0.004279   -0.959325  -104.098415
 0.56338  -18.011526   -74.769138   -2.343376
-0.004279   -1.539591  -146.317400

COMB DL-G2-1 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    0.133759   58.366073    0.328077
 0.004467   0.180751   98.768405
 0.14085    0.133759   58.366073    0.328077
 0.004467   0.054976   90.986537
 0.28169    0.133759   58.366073    0.328077
 0.004467   0.190848   83.811026
 0.42254    0.133759   58.366073    0.328077
 0.004467   0.326693   91.078850
 0.56338    0.133759   58.366073    0.328077
 0.004467   0.786688   105.840857

COMB DL-G2-1 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -18.305051   -38.890304   -0.725219
-0.004060   -0.434692   -2.003979
 0.14085  -18.305051   -38.890304   -0.725219
-0.004060   -0.132585   -3.709241
 0.28169  -18.305051   -38.890304   -0.725219
-0.004060   -0.097089   -6.190906
 0.42254  -18.305051   -38.890304   -0.725219
-0.004060   -0.234513   -15.368817
 0.56338  -18.305051   -38.890304   -0.725219
-0.004060   -0.371910   -38.452984

COMB DL-G2-2 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    7.686340   78.872484    0.555876
 0.004186   0.309494   100.488682
 0.14085    7.686340   78.872484    0.555876
 0.004186   0.087572   95.126407
 0.28169    7.686340   78.872484    0.555876
 0.004186   0.353678   92.460591
 0.42254    7.686340   78.872484    0.555876
 0.004186   0.892937   104.333526
 0.56338    7.686340   78.872484    0.555876
 0.004186   1.433547   123.672154
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2821

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -16.043985   -52.178951   -1.301985
-0.004354   -1.675267   -13.507057
 0.14085  -16.043985   -52.178951   -1.301985
-0.004354   -0.208967   -22.146084
 0.28169  -16.043985   -52.178951   -1.301985
-0.004354   -0.158244   -32.324651
 0.42254  -16.043985   -52.178951   -1.301985
-0.004354   -0.391264   -49.744735
 0.56338  -16.043985   -52.178951   -1.301985
-0.004354   -0.624527   -79.259067

COMB DL-G2-3 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   12.730632   104.926407    1.144077
 0.004032   0.641982    91.685616
 0.14085   12.730632   104.926407    1.144077
 0.004032   0.169133    84.541214
 0.28169   12.730632   104.926407    1.144077
 0.004032   0.570395    97.494195
 0.42254   12.730632   104.926407    1.144077
 0.004032   1.426923   120.815960
 0.56338   12.730632   104.926407    1.144077
 0.004032   2.284469   149.299571

COMB DL-G2-3 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -20.712953   -73.178250   -2.053320
-0.002950   -1.160019   -18.783851
 0.14085  -20.712953   -73.178250   -2.053320
-0.002950   -0.302200   -25.358707
 0.28169  -20.712953   -73.178250   -2.053320
-0.002950   -0.317264   -53.316405
 0.42254  -20.712953   -73.178250   -2.053320
-0.002950   -0.797862   -86.052317
 0.56338  -20.712953   -73.178250   -2.053320
-0.002950   -1.277798  -127.576136

COMB DL-G2-4 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   13.360581   103.561263    1.215852
 0.003374   0.683287    82.840726
 0.14085   13.360581   103.561263    1.215852
 0.003374   0.179179    70.893897
 0.28169   13.360581   103.561263    1.215852
 0.003374   0.603590    81.701268
 0.42254   13.360581   103.561263    1.215852
 0.003374   1.515503   101.593084
 0.56338   13.360581   103.561263    1.215852
 0.003374   2.427795   125.763868

COMB DL-G2-4 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -21.157012   -62.861362   -2.183287
-0.003285   -1.234187   -31.015446
 0.14085  -21.157012   -62.861362   -2.183287
-0.003285   -0.321126   -36.576840
 0.28169  -21.157012   -62.861362   -2.183287
-0.003285   -0.336768   -64.271343
 0.42254  -21.157012   -62.861362   -2.183287
-0.003285   -0.846856   -96.329917
 0.56338  -21.157012   -62.861362   -2.183287
-0.003285   -1.356822  -135.806897

COMB DL-G3-1 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    1.894384   23.434228    0.414401
 6.86E-06   0.232983   13.741466
 0.14085    1.894384   23.434228    0.414401
 6.86E-06   0.059506    6.304983
 0.28169    1.894384   23.434228    0.414401
 6.86E-06   0.194555    3.045853
 0.42254    1.894384   23.434228    0.414401
 6.86E-06   0.500754    3.100504
 0.56338    1.894384   23.434228    0.414401
 6.86E-06   0.806795    3.656625
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2822

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   -8.662289   -3.840479    -0.729725
-0.001302   -0.417741   -23.458461
 0.14085   -8.662289   -3.840479    -0.729725
-0.001302   -0.110651   -23.512634
 0.28169   -8.662289   -3.840479    -0.729725
-0.001302   -0.114690   -26.755646
 0.42254   -8.662289   -3.840479    -0.729725
-0.001302   -0.288468   -32.938779
 0.56338   -8.662289   -3.840479    -0.729725
-0.001302   -0.462270   -39.469693

COMB DL-G3-2 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   12.986267   46.074869    0.689164
 0.000130   0.390865   19.386889
 0.14085   12.986267   46.074869    0.689164
 0.000130   0.102955    8.749771
 0.28169   12.986267   46.074869    0.689164
 0.000130   0.348654    5.810266
 0.42254   12.986267   46.074869    0.689164
 0.000130   0.884745    8.266374
 0.56338   12.986267   46.074869    0.689164
 0.000130   1.419544   12.381439

COMB DL-G3-2 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -10.716579   -12.118025   -1.277603
-0.002166   -0.723010   -41.960198
 0.14085  -10.716579   -12.118025   -1.277603
-0.002166   -0.186970   -45.244773
 0.28169  -10.716579   -12.118025   -1.277603
-0.002166   -0.187926   -54.740492
 0.42254  -10.716579   -12.118025   -1.277603
-0.002166   -0.476524   -68.179889
 0.56338  -10.716579   -12.118025   -1.277603
-0.002166   -0.765476   -82.655744

COMB DL-G3-3 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    9.154356   51.763260    0.803536
 8.05E-06   0.448450   49.958397
 0.14085    9.154356   51.763260    0.803536
 8.05E-06   0.112117   56.128996
 0.28169    9.154356   51.763260    0.803536
 8.05E-06   0.458787   69.011975
 0.42254    9.154356   51.763260    0.803536
 8.05E-06   1.116477   86.141034
 0.56338    9.154356   51.763260    0.803536
 8.05E-06   1.872508  104.429202

COMB DL-G3-3 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -14.630050   -47.919207   -1.686133
-0.001757   -0.953011   -35.987230
 0.14085  -14.630050   -47.919207   -1.686133
-0.001757   -0.245840   -44.385536
 0.28169  -14.630050   -47.919207   -1.686133
-0.001757   -0.224264   -57.606036
 0.42254  -14.630050   -47.919207   -1.686133
-0.001757   -0.561366   -73.822342
 0.56338  -14.630050   -47.919207   -1.686133
-0.001757   -0.898530   -90.359994

COMB DL-G3-4 ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000    9.915460   103.028025    1.111385
 0.003197   0.622215   95.972487
 0.14085    9.915460   103.028025    1.111385
 0.003197   0.163118   79.973005
 0.28169    9.915460   103.028025    1.111385
 0.003197   0.569047   81.525424
 0.42254    9.915460   103.028025    1.111385
 0.003197   1.440683   96.818528
 0.56338    9.915460   103.028025    1.111385
 0.003197   2.311951  117.675362
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2823

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST         P          V2          V3
     T          M2          M3
 0.00000  -25.272145   -55.383393   -2.086624
-0.003756   -1.188830   -33.635778
 0.14085  -25.272145   -55.383393   -2.086624
-0.003756   -0.314865   -37.145179
 0.28169  -25.272145   -55.383393   -2.086624
-0.003756   -0.310601   -59.235653
 0.42254  -25.272145   -55.383393   -2.086624
-0.003756   -0.776599   -89.166286
 0.56338  -25.272145   -55.383393   -2.086624
-0.003756   -1.242784  -127.383157

COMB      DB ------------------- MAX

REL DIST         P          V2          V3
     T          M2          M3
 0.00000   14.772913   127.516494    0.945135
 0.007604   0.531650   102.895241
 0.14085   14.772913   127.516494    0.945135
 0.007604   0.139076    96.402868
 0.28169   14.772913   127.516494    0.945135
 0.007604   0.364822   102.037634
 0.42254   14.772913   127.516494    0.945135
 0.007604   0.914123   128.527326
 0.56338   14.772913   127.516494    0.945135
 0.007604   1.465475   161.793380
```

```
COMB       DB ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000   -20.309440   -81.333606   -1.327827
-0.005801    -0.762849   -40.207532
0.14085   -20.309440   -81.333606   -1.327827
-0.005801    -0.206708   -49.920981
0.28169   -20.309440   -81.333606   -1.327827
-0.005801    -0.261220   -72.258563
0.42254   -20.309440   -81.333606   -1.327827
-0.005801    -0.657579   -99.475035
0.56338   -20.309440   -81.333606   -1.327827
-0.005801    -1.053898  -144.690170

COMB       DL ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000    20.743659   117.005089    1.384009
 0.008284    0.783528   105.837758
0.14085    20.743659   117.005089    1.384009
 0.008284    0.212531    95.126407
0.28169    20.743659   117.005089    1.384009
 0.008284    0.652533   103.422872
0.42254    20.743659   117.005089    1.384009
 0.008284    1.629398   129.046575
0.56338    20.743659   117.005089    1.384009
 0.008284    2.607066   162.540177

COMB       DL ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000   -25.272145   -85.516782   -2.343376
-0.005795    -1.325009   -41.960198
0.14085   -25.272145   -85.516782   -2.343376
-0.005795    -0.344423   -50.493802
0.28169   -25.272145   -85.516782   -2.343376
-0.005795    -0.378659   -73.736434
0.42254   -25.272145   -85.516782   -2.343376
-0.005795    -0.959325  -104.098415
0.56338   -25.272145   -85.516782   -2.343376
-0.005795    -1.539591  -146.317400

COMB       CAR ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000    20.743659   127.516494    1.384009
 0.008284    0.783528   105.837758
0.14085    20.743659   127.516494    1.384009
 0.008284    0.212531    96.402868
0.28169    20.743659   127.516494    1.384009
 0.008284    0.652533   103.422872
0.42254    20.743659   127.516494    1.384009
 0.008284    1.629398   129.046575
0.56338    20.743659   127.516494    1.384009
 0.008284    2.607066   162.540177
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2824

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000   -25.272145   -85.516782   -2.343376
-0.005801    -1.325009   -41.960198
0.14085   -25.272145   -85.516782   -2.343376
-0.005801    -0.344423   -50.493802
0.28169   -25.272145   -85.516782   -2.343376
-0.005801    -0.378659   -73.736434
0.42254   -25.272145   -85.516782   -2.343376
-0.005801    -0.959325  -104.098415
0.56338   -25.272145   -85.516782   -2.343376
-0.005801    -1.539591  -146.317400

COMB    DESIGN ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000    20.743659   127.516494    1.384009
 0.008284    0.783528   105.837758
0.14085    20.743659   127.516494    1.384009
 0.008284    0.212531    96.402868
0.28169    20.743659   127.516494    1.384009
 0.008284    0.652533   103.422872
0.42254    20.743659   127.516494    1.384009
 0.008284    1.629398   129.046575
0.56338    20.743659   127.516494    1.384009
 0.008284    2.607066   162.540177

COMB    DESIGN ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000   -25.272145   -85.516782   -2.343376
-0.005801    -1.325009   -41.960198
0.14085   -25.272145   -85.516782   -2.343376
-0.005801    -0.344423   -50.493802
0.28169   -25.272145   -85.516782   -2.343376
-0.005801    -0.378659   -73.736434
0.42254   -25.272145   -85.516782   -2.343376
-0.005801    -0.959325  -104.098415
0.56338   -25.272145   -85.516782   -2.343376
-0.005801    -1.539591  -146.317400

ELEM      260 ================== LENGTH
=     2.977796

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    2.042194   57.398538    0.528066
 0.001480    0.591235   74.871378
0.57742    2.042194   57.398538    0.528066
 0.001480    0.369739   50.842557
0.71828    2.042194   57.398538    0.528066
 0.001480    0.148224   26.921787
0.85914    2.042194   57.398538    0.528066
 0.001480    0.087820    3.501087
1.00000    2.042194   57.398538    0.528066
 0.001480    0.330291    2.368297

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -7.201977   -17.659169   -0.577955
-1.51E-05    -0.639399   -35.297282
0.57742   -7.201977   -17.659169   -0.577955
-1.51E-05    -0.346496   -43.538669
0.71828   -7.201977   -17.659169   -0.577955
-1.51E-05    -0.154652   -20.968102
0.85914   -7.201977   -17.659169   -0.577955
-1.51E-05    -0.073206   -14.371814
1.00000   -7.201977   -17.659169   -0.577955
-1.51E-05    -0.294753   -22.935524

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    5.832465   85.411863    0.748806
 0.007902    0.837808  156.700595
0.57742    5.832465   85.411863    0.748806
 0.007902    0.523715  122.796169
0.71828    5.832465   85.411863    0.748806
 0.007902    0.209575  101.711596
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2825

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T           M2           M3
0.85914    5.832465   85.411863    0.748806
 0.007902    0.168118   99.522831
1.00000    5.832465   85.411863    0.748806
 0.007902    0.573662  112.823433

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656  -11.844133  -102.047987   -0.969381
-0.006189    -1.052757   -71.462639
0.57742  -11.844133  -102.047987   -0.969381
-0.006189    -0.653816   -39.926136
0.71828  -11.844133  -102.047987   -0.969381
-0.006189    -0.259197   -27.559064
0.85914  -11.844133  -102.047987   -0.969381
-0.006189    -0.122352   -19.094885
1.00000  -11.844133  -102.047987   -0.969381
-0.006189    -0.418540   -13.417677

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    8.613342   81.873557    0.760140
 0.005707    0.849943  154.414341
0.57742    8.613342   81.873557    0.760140
 0.005707    0.531103  123.492933
0.71828    8.613342   81.873557    0.760140
 0.005707    0.212236  101.790284
0.85914    8.613342   81.873557    0.760140
 0.005707    0.189255   94.308796
1.00000    8.613342   81.873557    0.760140
 0.005707    0.692435  106.932239

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656  -10.395900  -123.149899   -1.201531
-0.004734    -1.323748  -112.551032
0.57742  -10.395900  -123.149909   -1.201531
-0.004734    -0.824994   -68.739638
0.71828  -10.395900  -123.149909   -1.201531
-0.004734    -0.329202   -36.681667
0.85914  -10.395900  -123.149909   -1.201531
-0.004734    -0.116650   -17.766501
1.00000  -10.395900  -123.149909   -1.201531
-0.004734    -0.425417   -14.082885

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656   10.043939   75.080030    0.824732
 0.004741    0.922092  142.825563
0.57742   10.043939   75.080030    0.824732
 0.004741    0.576158  114.197507
0.71828   10.043939   75.080030    0.824732
 0.004741    0.230202   93.248050
0.85914   10.043939   75.080030    0.824732
 0.004741    0.188185   84.166726
1.00000   10.043939   75.080030    0.824732
 0.004741    0.708514   92.002228

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -9.293648  -113.202351   -1.242125
-0.004438    -1.375797  -129.402973
0.57742   -9.293648  -113.202351   -1.242125
-0.004438    -0.859129   -88.683442
0.71828   -9.293648  -113.202351   -1.242125
-0.004438    -0.344916   -58.115333
0.85914   -9.293648  -113.202351   -1.242125
-0.004438    -0.125692   -39.002216
1.00000   -9.293648  -113.202351   -1.242125
-0.004438    -0.461639   -32.218243

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    4.568768    9.558438    0.183797
 0.005330    0.204537   46.186410
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2826

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T           M2           M3
0.57742    4.568768    9.558438    0.183797
 0.005330    0.127443   44.688115
0.71828    4.568768    9.558438    0.183797
 0.005330    0.050316   54.440488
0.85914    4.568768    9.558438    0.183797
 0.005330    0.078715   81.604397
1.00000    4.568768    9.558438    0.183797
 0.005330    0.254801  119.174472

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -3.050392   -99.386116   -0.422267
-0.005397    -0.453680   -52.230088
0.57742   -3.050392   -99.386116   -0.422267
-0.005397    -0.282957   -19.921766
0.71828   -3.050392   -99.386116   -0.422267
-0.005397    -0.115820    -4.209418
0.85914   -3.050392   -99.386116   -0.422267
-0.005397    -0.041812    -2.741107
1.00000   -3.050392   -99.386116   -0.422267
-0.005397    -0.103860    -2.667027

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    9.017404   16.078868    0.317387
 0.004857    0.353827   56.475556
0.57742    9.017404   16.078868    0.317387
 0.004857    0.220698   53.571777
0.71828    9.017404   16.078868    0.317387
 0.004857    0.087538   61.237776
0.85914    9.017404   16.078868    0.317387
 0.004857    0.123436   85.104791
1.00000    9.017404   16.078868    0.317387
 0.004857    0.446638  121.206283

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -2.659080  -127.108338   -0.772908
-0.005634    -0.850438  -104.143030
0.57742   -2.659080  -127.108338   -0.772908
-0.005634    -0.532194   -59.867704
0.71828   -2.659080  -127.108338   -0.772908
-0.005634    -0.217287   -29.515819
0.85914   -2.659080  -127.108338   -0.772908
-0.005634    -0.059463   -14.396630
1.00000   -2.659080  -127.108338   -0.772908
-0.005634    -0.178682   -14.047427

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    8.962659   78.295746    0.649064
 0.004322    0.725406  173.630518
0.57742    8.962659   78.295746    0.649064
 0.004322    0.453155  144.046455
0.71828    8.962659   78.295746    0.649064
 0.004322    0.180877  122.133760
0.85914    8.962659   78.295746    0.649064
 0.004322    0.171458  112.339141
1.00000    8.962659   78.295746    0.649064
 0.004322    0.643181  114.121234

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -9.032592  -116.087433   -1.126263
-0.004164    -1.246732  -114.177323
0.57742   -9.032592  -116.087433   -1.126263
-0.004164    -0.778553   -72.070033
0.71828   -9.032592  -116.087433   -1.126263
-0.004164    -0.312780   -40.001314
0.85914   -9.032592  -116.087433   -1.126263
-0.004164    -0.101166   -22.270555
1.00000   -9.032592  -116.087433   -1.126263
-0.004164    -0.363590   -17.831419
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2827

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    9.705810   72.703170    0.747937
 0.003616    0.836115  162.011242
0.57742    9.705810   72.703170    0.747937
 0.003616    0.522393  134.254888
0.71828    9.705810   72.703170    0.747937
 0.003616    0.208636  112.895956
0.85914    9.705810   72.703170    0.747937
 0.003616    0.170343  101.678383
1.00000    9.705810   72.703170    0.747937
 0.003616    0.657432   99.991117

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -8.330659  -103.765447   -1.162691
-0.003996    -1.293636  -128.502954
0.57742   -8.330659  -103.765447   -1.162691
-0.003996    -0.809491   -90.600535
0.71828   -8.330659  -103.765447   -1.162691
-0.003996    -0.327344   -61.076461
0.85914   -8.330659  -103.765447   -1.162691
-0.003996    -0.113272   -43.317302
1.00000   -8.330659  -103.765447   -1.162691
-0.003996    -0.418770   -37.021770

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    2.940105   11.906086    0.326877
 6.99E-06    0.365752   29.214985
0.57742    2.940105   11.906086    0.326877
 6.99E-06    0.228644   24.256134
0.71828    2.940105   11.906086    0.326877
 6.99E-06    0.091522   19.359938
0.85914    2.940105   11.906086    0.326877
 6.99E-06    0.038992   14.525604
1.00000    2.940105   11.906086    0.326877
 6.99E-06    0.176197    9.788135

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -1.382501   -9.266420   -0.327236
-0.000796    -0.372850   -49.768943
0.57742   -1.382501   -9.266420   -0.327236
-0.000796    -0.235600   -45.997346
0.71828   -1.382501   -9.266420   -0.327236
-0.000796    -0.098350   -42.304488
0.85914   -1.382501   -9.266420   -0.327236
-0.000796    -0.045523   -38.653380
1.00000   -1.382501   -9.266420   -0.327236
-0.000796    -0.182680   -35.024812

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    6.969919   19.336229    0.528213
 0.000201    0.590561   42.636939
0.57742    6.969919   19.336229    0.528213
 0.000201    0.369000   35.290120
0.71828    6.969919   19.336229    0.528213
 0.000201    0.147414   28.339753
0.85914    6.969919   19.336229    0.528213
 0.000201    0.079656   22.210403
1.00000    6.969919   19.336229    0.528213
 0.000201    0.344923   16.598331

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -2.055054   -30.194927   -0.632785
-0.001561    -0.771836   -44.661769
0.57742   -2.055054   -30.194927   -0.632785
-0.001561    -0.451659   -82.799532
0.71828   -2.055054   -30.194927   -0.632785
-0.001561    -0.186627   -72.293079
0.85914   -2.055054   -30.194927   -0.632785
-0.001561    -0.074623   -62.279964
1.00000   -2.055054   -30.194927   -0.632785
-0.001561    -0.295677   -52.678968
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2828

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    9.314847   20.969264    0.548774
 0.000319    0.612966   60.124242
0.57742    9.314847   20.969264    0.548774
 0.000319    0.382782   53.889267
0.71828    9.314847   20.969264    0.548774
 0.000319    0.152609   49.067507
0.85914    9.314847   20.969264    0.548774
 0.000319    0.116968   47.529435
1.00000    9.314847   20.969264    0.548774
 0.000319    0.496439   57.708139

COMB DB-G3-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -2.309673   -81.405955   -0.905259
-0.001923    -1.022687  -132.105123
0.57742   -2.309673   -81.405955   -0.905259
-0.001923    -0.731467   -99.109612
0.71828   -2.309673   -81.405955   -0.905259
-0.001923    -0.264288   -67.681734
0.85914   -2.309673   -81.405955   -0.905259
-0.001923    -0.078382   -51.014435
1.00000   -2.309673   -81.405955   -0.905259
-0.001923    -0.307764   -47.587226

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    9.831417   61.965201    0.705811
 0.003821    0.788222  151.939866
0.57742    9.831417   61.965201    0.705811
 0.003821    0.492869  128.853808
0.71828    9.831417   61.965201    0.705811
 0.003821    0.196787  113.313452
0.85914    9.831417   61.965201    0.705811
 0.003821    0.160775  109.274833
1.00000    9.831417   61.965201    0.705811
 0.003821    0.622469  114.571168

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -7.164686  -106.312806   -1.102432
-0.004661    -1.227442  -131.297047
0.57742   -7.164686  -106.312806   -1.102432
-0.004661    -0.769205   -93.203664
0.71828   -7.164686  -106.312806   -1.102432
-0.004661    -0.313330   -64.944325
0.85914   -7.164686  -106.312806   -1.102432
-0.004661    -0.108874   -48.296368
1.00000   -7.164686  -106.312806   -1.102432
-0.004661    -0.395284   -42.914793

COMB DL-G1-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    3.650998   52.631861    0.731898
 0.001537    0.821053   67.303568
0.57742    3.650998   52.631861    0.731898
 0.001537    0.513686   45.537022
0.71828    3.650998   52.631861    0.731898
 0.001537    0.206469   24.091778
0.85914    3.650998   52.631861    0.731898
 0.001537    0.180030    4.476317
1.00000    3.650998   52.631861    0.731898
 0.001537    0.692555    2.689153

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -6.141312   -22.790709   -1.222321
-1.09E-05    -1.357348   -50.779425
0.57742   -6.141312   -22.790709   -1.222321
-1.09E-05    -0.844767   -41.535690
0.71828   -6.141312   -22.790709   -1.222321
-1.09E-05    -0.332136   -32.664674
0.85914   -6.141312   -22.790709   -1.222321
-1.09E-05    -0.099517   -25.141380
1.00000   -6.141312   -22.790709   -1.222321
-1.09E-05    -0.407421   -34.065818
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2829

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    7.301045   77.848753    1.090617
 0.007898    1.217144  147.357972
0.57742    7.301045   77.848753    1.090617
 0.007898    0.760667  118.165183
0.71828    7.301045   77.848753    1.090617
 0.007898    0.302706  102.394258
0.85914    7.301045   77.848753    1.090617
 0.007898    0.290267  104.150245
1.00000    7.301045   77.848753    1.090617
 0.007898    1.052057  119.633932

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656  -10.607342  -104.746788   -1.820008
-0.006176    -2.004171   -92.654028
0.57742  -10.607342  -104.746788   -1.820008
-0.006176    -1.250268   -53.033488
0.71828  -10.607342  -104.746788   -1.820008
-0.006176    -0.497102   -38.581759
0.85914  -10.607342  -104.746788   -1.820008
-0.006176    -0.278626   -26.186230
1.00000  -10.607342  -104.746788   -1.820008
-0.006176    -0.622448   -26.186181

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    9.432027   75.845505    1.119391
 0.005904    1.249155  147.634719
0.57742    9.432027   75.845505    1.119391
 0.005904    0.779661  119.606646
0.71828    9.432027   75.845505    1.119391
 0.005904    0.310087  101.601360
0.85914    9.432027   75.845505    1.119391
 0.005904    0.317631  101.219736
1.00000    9.432027   75.845505    1.119391
 0.005904    1.197724  119.744705

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -9.502878  -121.086257   -2.102171
-0.004835    -2.329067  -121.250070
0.57742   -9.502878  -121.086257   -2.102171
-0.004835    -1.454472   -74.070755
0.71828   -9.502878  -121.086257   -2.102171
-0.004835    -0.580403   -45.004137
0.85914   -9.502878  -121.086257   -2.102171
-0.004835    -0.175207   -25.664032
1.00000   -9.502878  -121.086257   -2.102171
-0.004835    -0.634932   -25.289491

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656   10.730537   71.696007    1.159914
 0.004906    1.294864  140.435498
0.57742   10.730537   71.696007    1.159914
 0.004906    0.808398  113.569936
0.71828   10.730537   71.696007    1.159914
 0.004906    0.321887   95.076569
0.85914   10.730537   71.696007    1.159914
 0.004906    0.323316   91.365749
1.00000   10.730537   71.696007    1.159914
 0.004906    1.240081  103.386740

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -8.620504  -111.847698   -2.188124
-0.004529    -2.431142  -138.360644
0.57742   -8.620504  -111.847698   -2.188124
-0.004529    -1.519135   -94.541322
0.71828   -8.620504  -111.847698   -2.188124
-0.004529    -0.607557   -66.029034
0.85914   -8.620504  -111.847698   -2.188124
-0.004529    -0.177867   -46.246028
1.00000   -8.620504  -111.847698   -2.188124
-0.004529    -0.656112   -42.132547
Program     SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                      Page
<             MOVING              LOAD              >
                                   2830

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43656    3.856917    9.861394    0.297085
 0.004464    0.327075   49.280869
0.57742    3.856917    9.861394    0.297085
 0.004464    0.202845   48.885772
0.71828    3.856917    9.861394    0.297085
 0.004464    0.078615   59.415626
0.85914    3.856917    9.861394    0.297085
 0.004464    0.097038   86.241822
1.00000    3.856917    9.861394    0.297085
 0.004464    0.338002  118.458324

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43656   -3.195904   -86.912868   -0.577109
-0.004506    -0.632561   -51.126821
0.57742   -3.195904   -86.912868   -0.577109
-0.004506    -0.397112   -18.584006
0.71828   -3.195904   -86.912868   -0.577109
-0.004506    -0.162069    -4.824043
0.85914   -3.195904   -86.912868   -0.577109
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-0.004506   -0.063050   -3.162564
 1.00000    -3.195904   -86.912868    -0.577109
-0.004506   -0.177760   -2.820759

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    8.105575    18.110333    0.473765
 0.004145   0.524590    63.483736
0.57742    8.105575    18.110333    0.473765
 0.004145   0.326108    59.792604
0.71828    8.105575    18.110333    0.473765
 0.004145   0.127787    65.821560
0.85914    8.105575    18.110333    0.473765
 0.004145   0.170210    90.335439
1.00000    8.105575    18.110333    0.473765
 0.004145   0.638085   124.550210

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -2.882632  -111.859448   -1.119159
-0.004869  -1.239672   -95.834933
0.57742   -2.882632  -111.859448   -1.119159
-0.004869  -0.777029   -52.512751
0.71828   -2.882632  -111.859448   -1.119159
-0.004869  -0.314816   -26.592642
0.85914   -2.882632  -111.859448   -1.119159
-0.004869  -0.086623   -13.786379
1.00000   -2.882632  -111.859448   -1.119159
-0.004869  -0.275320   -13.248550

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    8.470250    75.106232    0.958594
 0.003590   1.068262   173.107941
0.57742    8.470250    75.106232    0.958594
 0.003590   0.666183   144.799613
0.71828    8.470250    75.106232    0.958594
 0.003590   0.264039   123.247983
0.85914    8.470250    75.106232    0.958594
 0.003590   0.270668   116.127476
1.00000    8.470250    75.106232    0.958594
 0.003590   1.048759   118.015292

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -8.648984  -104.877064   -1.858424
-0.003368  -2.068174  -111.485568
0.57742   -8.648984  -104.877064   -1.858424
-0.003368  -1.293191   -70.270471
0.71828   -8.648984  -104.877064   -1.858424
-0.003368  -0.518559   -40.779558
0.85914   -8.648984  -104.877064   -1.858424
-0.003368  -0.146914   -23.800109
1.00000   -8.648984  -104.877064   -1.858424
-0.003368  -0.542767   -18.019975
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2831

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    9.136206    72.166977    1.054705
 0.003006   1.176548   166.075137
0.57742    9.136206    72.166977    1.054705
 0.003006   0.734038   138.595717
0.71828    9.136206    72.166977    1.054705
 0.003006   0.291580   116.750656
0.85914    9.136206    72.166977    1.054705
 0.003006   0.280311   106.900449
1.00000    9.136206    72.166977    1.054705
 0.003006   1.108208   104.665941

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -8.267617   -95.430319   -1.975321
-0.003362  -2.220530  -130.529824
0.57742   -8.267617   -95.430319   -1.975321
-0.003362  -1.380506   -93.001465
0.71828   -8.267617   -95.430319   -1.975321
-0.003362  -0.555702   -65.275459
0.85914   -8.267617   -95.430319   -1.975321
-0.003362  -0.731097   -37.549301
1.00000   -8.267617   -95.430319   -1.975321
-0.003362  -0.595318   -39.943553

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    2.689289    15.440988    0.413116
 4.10E-06   0.461993    37.387647
0.57742    2.689289    15.440988    0.413116
 4.10E-06   0.288704    31.111629
0.71828    2.689289    15.440988    0.413116
 4.10E-06   0.115419    24.866095
0.85914    2.689289    15.440988    0.413116
 4.10E-06   0.078677    18.656693
1.00000    2.689289    15.440988    0.413116
 4.10E-06   0.344086    12.518645

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -2.281537   -10.771679   -0.630548
-0.000848  -0.714291   -57.535693
0.57742   -2.281537   -10.771679   -0.630548
-0.000848  -0.450277   -53.293942
0.71828   -2.281537   -10.771679   -0.630548
-0.000848  -0.184973   -49.082762
0.85914   -2.281537   -10.771679   -0.630548
-0.000848  -0.058061   -44.914715
1.00000   -2.281537   -10.771679   -0.630548
-0.000848  -0.231174   -40.842520

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    6.916792    24.700990    0.654746
 0.000129   0.731958    55.049821
0.57742    6.916792    24.700990    0.654746
 0.000129   0.457243    45.230143
0.71828    6.916792    24.700990    0.654746
 0.000129   0.182767    35.886945
0.85914    6.916792    24.700990    0.654746
 0.000129   0.153121    27.054823
1.00000    6.916792    24.700990    0.654746
 0.000129   0.643052    19.046979

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -2.882759   -30.942086   -1.165872
-0.001554  -1.311323  -102.401713
0.57742   -2.882759   -30.942086   -1.165872
-0.001554  -0.824855   -90.097596
0.71828   -2.882759   -30.942086   -1.165872
-0.001554  -0.335037   -78.655545
0.85914   -2.882759   -30.942086   -1.165872
-0.001554  -0.092745   -68.336289
1.00000   -2.882759   -30.942086   -1.165872
-0.001554  -0.366620   -58.885378
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2832

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    8.291919    25.806145    0.727981
 5.78E-06   0.811883    71.331381
0.57742    8.291919    25.806145    0.727981
 5.78E-06   0.506381    62.682346
0.71828    8.291919    25.806145    0.727981
 5.78E-06   0.200932    55.448136
0.85914    8.291919    25.806145    0.727981
 5.78E-06   0.191232    56.148581
1.00000    8.291919    25.806145    0.727981
 5.78E-06   0.807200    65.481621

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -3.312878   -73.128550   -1.467949
-0.001590  -1.653471  -128.761947
0.57742   -3.312878   -73.128550   -1.467949
-0.001590  -1.038758   -99.483962
0.71828   -3.312878   -73.128550   -1.467949
-0.001590  -0.422460   -71.540655
0.85914   -3.312878   -73.128550   -1.467949
-0.001590  -0.103515   -57.150470
1.00000   -3.312878   -73.128550   -1.467949
-0.001590  -0.408385   -52.810640

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656    8.855261    64.004294    0.995991
 0.002895   1.109731   162.566776
0.57742    8.855261    64.004294    0.995991
 0.002895   0.692036   138.759077
0.71828    8.855261    64.004294    0.995991
 0.002895   0.274252   121.052719
0.85914    8.855261    64.004294    0.995991
 0.002895   0.256989   116.031448
1.00000    8.855261    64.004294    0.995991
 0.002895   1.026292   118.234641

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -7.849709   -94.794018   -1.835321
-0.003735  -2.052564  -133.111071
0.57742   -7.849709   -94.794018   -1.835321
-0.003735  -1.287216   -96.143053
0.71828   -7.849709   -94.794018   -1.835321
-0.003735  -0.520949   -69.840305
0.85914   -7.849709   -94.794018   -1.835321
-0.003735  -0.152109   -54.514362
1.00000   -7.849709   -94.794018   -1.835321
-0.003735  -0.563777   -47.745828

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656   10.043939    85.411863    0.824732
 0.007902   0.922092   173.630518
0.57742   10.043939    85.411863    0.824732
 0.007902   0.576158   144.046455
0.71828   10.043939    85.411863    0.824732
 0.007902   0.230202   122.133760
0.85914   10.043939    85.411863    0.824732
 0.007902   0.108255   112.330141
1.00000   10.043939    85.411863    0.824732
 0.007902   0.708514   121.206283

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656   -11.844133  -127.108338   -1.242125
-0.006189  -1.375797  -132.105123
0.57742   -11.844133  -127.108338   -1.242125
-0.006189  -0.859129   -99.109612
0.71828   -11.844133  -127.108338   -1.242125
-0.006189  -0.344916   -72.293079
0.85914   -11.844133  -127.108338   -1.242125
-0.006189  -0.125692   -62.279964
1.00000   -11.844133  -127.108338   -1.242125
-0.006189  -0.461639   -52.678968
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2833

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656   10.730537    77.848753    1.159914
 0.007898   1.294864   173.107941
0.57742   10.730537    77.848753    1.159914
 0.007898   0.808398   144.799613
0.71828   10.730537    77.848753    1.159914
 0.007898   0.321887   123.247983
0.85914   10.730537    77.848753    1.159914
 0.007898   0.323316   116.127476
1.00000   10.730537    77.848753    1.159914
 0.007898   1.240081   124.550210

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656  -10.607342  -121.086257   -2.188124
-0.006176  -2.431142  -138.306044
0.57742  -10.607342  -121.086257   -2.188124
-0.006176  -1.519135   -99.483962
0.71828  -10.607342  -121.086257   -2.188124
-0.006176  -0.607557   -78.655545
0.85914  -10.607342  -121.086257   -2.188124
-0.006176  -0.176626   -68.336289
1.00000  -10.607342  -121.086257   -2.188124
-0.006176  -0.656112   -58.885378

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656   10.730537    85.411863    1.159914
 0.007902   1.294864   173.630518
0.57742   10.730537    85.411863    1.159914
 0.007902   0.808398   144.799613
0.71828   10.730537    85.411863    1.159914
 0.007902   0.321887   123.247983
0.85914   10.730537    85.411863    1.159914
 0.007902   0.323316   116.127476
1.00000   10.730537    85.411863    1.159914
 0.007902   1.240081   124.550210

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656  -11.844133  -127.108338   -2.188124
-0.006189  -2.431142  -138.306044
0.57742  -11.844133  -127.108338   -2.188124
-0.006189  -1.519135   -99.483962
0.71828  -11.844133  -127.108338   -2.188124
-0.006189  -0.607557   -78.655545
0.85914  -11.844133  -127.108338   -2.188124
-0.006189  -0.176626   -68.336289
1.00000  -11.844133  -127.108338   -2.188124
-0.006189  -0.656112   -58.885378

COMB      DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43656   10.730537    85.411863    1.159914
 0.007902   1.294864   173.630518
0.57742   10.730537    85.411863    1.159914
 0.007902   0.808398   144.799613
0.71828   10.730537    85.411863    1.159914
 0.007902   0.321887   123.247983
0.85914   10.730537    85.411863    1.159914
 0.007902   0.323316   116.127476
1.00000   10.730537    85.411863    1.159914
 0.007902   1.240081   124.550210

COMB      DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43656  -11.844133  -127.108338   -2.188124
-0.006189  -2.431142  -138.306044
0.57742  -11.844133  -127.108338   -2.188124
-0.006189  -1.519135   -99.483962
0.71828  -11.844133  -127.108338   -2.188124
-0.006189  -0.607557   -78.655545
0.85914  -11.844133  -127.108338   -2.188124
-0.006189  -0.176626   -68.336289
1.00000  -11.844133  -127.108338   -2.188124
-0.006189  -0.656112   -58.885378
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2834

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      261 ================== LENGTH
=     2.976771

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    2.044409    57.058595    0.556206
 0.001493   0.314884    2.365087
0.14082    2.044409    57.058595    0.556206
 0.001493   0.083598   -52.353668
0.28164    2.044409    57.058595    0.556206
 0.001493   0.149873    9.884873
0.42246    2.044409    57.058595    0.556206
 0.001493   0.379671    17.076209
0.56329    2.044409    57.058595    0.556206
 0.001493   0.609466    24.398983

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -7.172422   -17.647440   -0.548199
-7.31E-06  -0.309738   -22.956220
0.14082   -7.172422   -17.647440   -0.548199
-7.31E-06  -0.079899   -46.278764
0.28164   -7.172422   -17.647440   -0.548199
-7.31E-06  -0.151454   -70.091366
0.42246   -7.172422   -17.647440   -0.548199
-7.31E-06  -0.384627   -93.913748
0.56329   -7.172422   -17.647440   -0.548199
-7.31E-06  -0.617784   -117.761450

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    2.989114   149.742030    0.780067
 0.008096   0.441351   113.181805
0.14082    2.989114   149.742030    0.780067
 0.008096   0.126135    90.444378
0.28164    2.989114   149.742030    0.780067
 0.008096   0.252335    73.145376
0.42246    2.989114   149.742030    0.780067
 0.008096   0.378534    76.125647
0.56329    2.989114   149.742030    0.780067
 0.008096   1.002417    91.111376

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -15.163842   -40.764959   -0.923356
-0.006001  -0.545843   -13.437244
0.14082   -15.163842   -40.764959   -0.923356
-0.006001  -0.160029   -43.909054
0.28164   -15.163842   -40.764959   -0.923356
-0.006001  -0.212650   -75.220028
0.42246   -15.163842   -40.764959   -0.923356
-0.006001  -0.539668   -111.139991
0.56329   -15.163842   -40.764959   -0.923356
-0.006001  -0.866649   -167.656935

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    6.749102   125.490401    0.787882
 0.005858   0.444864   107.157629
0.14082    6.749102   125.490401    0.787882
 0.005858   0.122606   112.018923
0.28164    6.749102   125.490401    0.787882
 0.005858   0.325422   122.416800
0.42246    6.749102   125.490401    0.787882
 0.005858   0.806671   146.912533
0.56329    6.749102   125.490401    0.787882
 0.005858   1.298548   179.623620

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000  -12.637522   -81.863491   -1.181812
-0.004204  -0.683081   -14.097441
0.14082  -12.637522   -81.863491   -1.181812
-0.004204  -0.188558   -34.739553
0.28164  -12.637522   -81.863491   -1.181812
-0.004204  -0.215693   -76.020656
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2835

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.42246  -12.637522   -81.863491   -1.181812
-0.004204  -0.545974  -110.398006
0.56329  -12.637522   -81.863491   -1.181812
-0.004204  -0.876235   -158.759873

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    8.515510   111.268821    0.852491
 0.004866   0.481077    92.195648
0.14082    8.515510   111.268821    0.852491
 0.004866   0.130334    94.133125
0.28164    8.515510   111.268821    0.852491
 0.004866   0.344239   103.748053
0.42246    8.515510   111.268821    0.852491
 0.004866   0.857556   126.119322
0.56329    8.515510   111.268821    0.852491
 0.004866   1.379697   155.541086

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -11.150074   -79.094867   -1.252575
-0.004057  -0.720584   -32.237529
0.14082   -11.150074   -79.094867   -1.252575
-0.004057  -0.196221   -54.122393
0.28164   -11.150074   -79.094867   -1.252575
-0.004057  -0.233655   -76.631196
0.42246   -11.150074   -79.094867   -1.252575
-0.004057  -0.591006   -103.021055
0.56329   -11.150074   -79.094867   -1.252575
-0.004057  -0.948352   -142.074246

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    2.225978    63.867640    0.176712
 0.005257   0.099410   119.467155
0.14082    2.225978    63.867640    0.176712
 0.005257   0.035233   111.503723
0.28164    2.225978    63.867640    0.176712
 0.005257   0.119722   103.705310
0.42246    2.225978    63.867640    0.176712
 0.005257   0.292890   112.269525
0.56329    2.225978    63.867640    0.176712
 0.005257   0.475051   130.741739

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -5.867208   -48.339724   -0.444904
-0.005018  -0.271035   -2.658633
0.14082   -5.867208   -48.339724   -0.444904
-0.005018  -0.085643   -2.796979
0.28164   -5.867208   -48.339724   -0.444904
-0.005018  -0.048719   -3.385232
0.42246   -5.867208   -48.339724   -0.444904
-0.005018  -0.122852   -7.694196
0.56329   -5.867208   -48.339724   -0.444904
-0.005018  -0.196927   -29.200841

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    6.885514    66.608440    0.317087
 0.004893   0.177853   121.470672
0.14082    6.885514    66.608440    0.317087
 0.004893   0.054168   124.313801
0.28164    6.885514    66.608440    0.317087
 0.004893   0.223799   130.429564
0.42246    6.885514    66.608440    0.317087
 0.004893   0.555746   152.529099
0.56329    6.885514    66.608440    0.317087
 0.004893   0.896130   184.058607

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -5.267692   -79.963636   -0.821634
-0.004976  -0.481562   -14.040704
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2836

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.14082   -5.267692   -79.963636   -0.821634
-0.004976  -0.138242   -13.777078
0.28164   -5.267692   -79.963636   -0.821634
-0.004976  -0.087972   -14.051229
0.42246   -5.267692   -79.963636   -0.821634
-0.004976  -0.220906   -19.572194
0.56329   -5.267692   -79.963636   -0.821634
-0.004976  -0.353826   -42.538777

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    7.477466   113.485065    0.667631
 0.004642   0.376501   114.282945
0.14082    7.477466   113.485065    0.667631
 0.004642   0.103131   107.805784
0.28164    7.477466   113.485065    0.667631
 0.004642   0.312923   120.432095
0.42246    7.477466   113.485065    0.667631
 0.004642   0.772429   146.354569
0.56329    7.477466   113.485065    0.667631
 0.004642   1.237952   179.285827

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000  -10.841613   -82.916134   -1.117448
-0.003583  -0.635825   -17.815804
0.14082  -10.841613   -82.916134   -1.117448
-0.003583  -0.172239   -21.547503
0.28164  -10.841613   -82.916134   -1.117448
-0.003583  -0.183207   -48.883442
0.42246  -10.841613   -82.916134   -1.117448
-0.003583  -0.463095   -80.294939
0.56329  -10.841613   -82.916134   -1.117448
-0.003583  -0.742960   -124.338594

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    8.479640   102.188218    0.769754
 0.003883   0.434126   101.348307
0.14082    8.479640   102.188218    0.769754
 0.003883   0.116882    91.638110
0.28164    8.479640   102.188218    0.769754
 0.003883   0.330616   100.295232
0.42246    8.479640   102.188218    0.769754
 0.003883   0.821934   121.884540
0.56329    8.479640   102.188218    0.769754
 0.003883   1.318286   149.303193

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -9.843264   -75.984106   -1.189868
-0.003696  -0.676910   -37.015080
0.14082   -9.843264   -75.984106   -1.189868
-0.003696  -0.182129   -37.539295
0.28164   -9.843264   -75.984106   -1.189868
-0.003696  -0.211193   -57.737120
0.42246   -9.843264   -75.984106   -1.189868
-0.003696  -0.533898   -81.960627
0.56329   -9.843264   -75.984106   -1.189868
-0.003696  -0.856573   -114.737380

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    2.964357    11.983673    0.337634
 1.15E-05   0.190558    9.796461
0.14082    2.964357    11.983673    0.337634
 1.15E-05   0.048960    5.576969
0.28164    2.964357    11.983673    0.337634
 1.15E-05   0.103779    2.657837
0.42246    2.964357    11.983673    0.337634
 1.15E-05   0.265923    1.591672
0.56329    2.964357    11.983673    0.337634
 1.15E-05   0.428079    2.403934
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    2837

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000   -1.381010    -9.247090   -0.386842
-0.001141  -0.220568   -35.034311
0.14082   -1.381010    -9.247090   -0.386842
-0.001141  -0.058355   -31.506999
0.28164   -1.381010    -9.247090   -0.386842
-0.001141  -0.092495   -28.222003
0.42246   -1.381010    -9.247090   -0.386842
-0.001141  -0.234043   -24.958207
0.56329   -1.381010    -9.247090   -0.386842
-0.001141  -0.375577   -21.759142

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    6.930485    21.424437    0.542040
 0.000244   0.305479    16.621570
0.14082    6.930485    21.424437    0.542040
 0.000244   0.078568    12.141283
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0.28164     6.930485    21.424437     0.542040
 0.000244    0.194517    12.725306
0.42246     6.930485    21.424437     0.542040
 0.000244    0.494776    18.274283
0.56329     6.930485    21.424437     0.542040
 0.000244    0.795381    25.820450

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -2.153195   -28.607458   -0.717504
-0.002055   -0.407708   -52.697199
0.14082   -2.153195   -28.607458   -0.717504
-0.002055   -0.106911   -45.836112
0.28164   -2.153195   -28.607458   -0.717504
-0.002055   -0.148932   -39.851510
0.42246   -2.153195   -28.607458   -0.717504
-0.002055   -0.376180   -36.277488
0.56329   -2.153195   -28.607458   -0.717504
-0.002055   -0.603398   -35.224280

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    9.290936    24.254383    0.558391
 0.000322    0.314087    57.715154
0.14082    9.290936    24.254383    0.558391
 0.000322    0.080506    76.270385
0.28164    9.290936    24.254383    0.558391
 0.000322    0.474303    96.956765
0.42246    9.290936    24.254383    0.558391
 0.000322    0.694779   125.933940
0.56329    9.290936    24.254383    0.558391
 0.000322    1.115863   154.851219

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -2.467484   -78.994438   -1.005144
-0.001752   -0.569534   -47.593823
0.14082   -2.467484   -78.994438   -1.005144
-0.001752   -0.148247   -44.228364
0.28164   -2.467484   -78.994438   -1.005144
-0.001752   -0.154068   -41.034485
0.42246   -2.467484   -78.994438   -1.005144
-0.001752   -0.388131   -39.607151
0.56329   -2.467484   -78.994438   -1.005144
-0.001752   -0.622203   -40.502916

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    8.368829    96.996370    0.723960
 0.004076    0.408123   114.749641
0.14082    8.368829    96.996370    0.723960
 0.004076    0.111007   101.988184
0.28164    8.368829    96.996370    0.723960
 0.004076    0.320093   103.710624
0.42246    8.368829    96.996370    0.723960
 0.004076    0.799315   120.532026
0.56329    8.368829    96.996370    0.723960
 0.004076    1.280491   148.682353
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2838

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -8.965111   -73.382056   -1.164168
-0.004471   -0.667646   -42.912280
0.14082   -8.965111   -73.382056   -1.164168
-0.004471   -0.180446   -37.749581
0.28164   -8.965111   -73.382056   -1.164168
-0.004471   -0.198812   -46.838687
0.42246   -8.965111   -73.382056   -1.164168
-0.004471   -0.502312   -66.340125
0.56329   -8.965111   -73.382056   -1.164168
-0.004471   -0.805790   -96.106376

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    3.644752    52.420036    0.793395
 0.001606    0.450444     2.684448
0.14082    3.644752    52.420036    0.793395
 0.001606    0.117287     3.260452
0.28164    3.644752    52.420036    0.793395
 0.001606    0.325531    10.560981
0.42246    3.644752    52.420036    0.793395
 0.001606    0.809252    19.474689
0.56329    3.644752    52.420036    0.793395
 0.001606    1.293004    28.469149

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -6.115493   -22.813978   -1.154088
-4.36E-06   -0.641364   -34.074131
0.14082   -6.115493   -22.813978   -1.154088
-4.36E-06   -0.157846   -48.003140
0.28164   -6.115493   -22.813978   -1.154088
-4.36E-06   -0.214143   -68.797317
0.42246   -6.115493   -22.813978   -1.154088
-4.36E-06   -0.546855   -90.262730
0.56329   -6.115493   -22.813978   -1.154088
-4.36E-06   -0.879817   -111.743045

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    4.238719    139.720602    1.124228
 0.008328    0.242086   119.678624
0.14082    4.238719    139.720602    1.124228
 0.008328    0.187823    95.533246
0.28164    4.238719    139.720602    1.124228
 0.008328    0.493738    78.706382
0.42246    4.238719    139.720602    1.124228
 0.008328    1.227133    82.139028
0.56329    4.238719    139.720602    1.124228
 0.008328    1.967739    98.215724

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -14.437721   -45.324877   -1.783147
-0.006004   -1.025271   -26.189994
0.14082   -14.437721   -45.324877   -1.783147
-0.006004   -0.280324   -45.614366
0.28164   -14.437721   -45.324877   -1.783147
-0.006004   -0.305814   -70.811944
0.42246   -14.437721   -45.324877   -1.783147
-0.006004   -0.777305   -102.775929
0.56329   -14.437721   -45.324877   -1.783147
-0.006004   -1.248615   -158.659413

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    7.315925    119.643422    1.150642
 0.006235    0.653376   119.759088
0.14082    7.315925    119.643422    1.150642
 0.006235    0.183601   119.622577
0.28164    7.315925    119.643422    1.150642
 0.006235    0.579188   126.323975
0.42246    7.315925    119.643422    1.150642
 0.006235    1.443486   147.794207
0.56329    7.315925    119.643422    1.150642
 0.006235    2.313334   178.485751
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2839

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -12.222872   -79.168006   -2.087569
-0.004402   -1.187269   -25.285763
0.14082   -12.222872   -79.168006   -2.087569
-0.004402   -0.314435   -45.945522
0.28164   -12.222872   -79.168006   -2.087569
-0.004402   -0.313407   -71.676632
0.42246   -12.222872   -79.168006   -2.087569
-0.004402   -0.795868   -102.500704
0.56329   -12.222872   -79.168006   -2.087569
-0.004402   -1.278546   -150.342381

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    8.991414    108.048949    1.195695
 0.005181    0.678344   103.406975
0.14082    8.991414    108.048949    1.195695
 0.005181    0.187721   100.463326
0.28164    8.991414    108.048949    1.195695
 0.005181    0.607762   106.605999
0.42246    8.991414    108.048949    1.195695
 0.005181    1.517936   126.343213
0.56329    8.991414    108.048949    1.195695
 0.005181    2.432921   153.921864

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -10.884590   -77.141091   -2.192626
-0.004299   -1.243708   -42.138750
0.14082   -10.884590   -77.141091   -2.192626
-0.004299   -0.326235   -55.893536
0.28164   -10.884590   -77.141091   -2.192626
-0.004299   -0.325895   -75.952207
0.42246   -10.884590   -77.141091   -2.192626
-0.004299   -0.827199   -101.245725
0.56329   -10.884590   -77.141091   -2.192626
-0.004299   -1.328662   -140.912665

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    1.758755    53.504002    0.259957
 0.004613    0.148577   118.480626
0.14082    1.758755    53.504002    0.259957
 0.004613    0.052438   113.668434
0.28164    1.758755    53.504002    0.259957
 0.004613    0.167652   109.246156
0.42246    1.758755    53.504002    0.259957
 0.004613    0.421131   117.663079
0.56329    1.758755    53.504002    0.259957
 0.004613    0.678918   134.826159

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -5.910780   -45.600390   -0.626498
-0.004207   -0.374290   -2.808533
0.14082   -5.910780   -45.600390   -0.626498
-0.004207   -0.113198   -2.575944
0.28164   -5.910780   -45.600390   -0.626498
-0.004207   -0.072854   -2.873568
0.42246   -5.910780   -45.600390   -0.626498
-0.004207   -0.181834   -6.752045
0.56329   -5.910780   -45.600390   -0.626498
-0.004207   -0.290786   -27.343817

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    6.139616    59.718757    0.449863
 0.004328    0.254691   124.566043
0.14082    6.139616    59.718757    0.449863
 0.004328    0.079170   127.710429
0.28164    6.139616    59.718757    0.449863
 0.004328    0.320787   134.010405
0.42246    6.139616    59.718757    0.449863
 0.004328    0.803434   153.503815
0.56329    6.139616    59.718757    0.449863
 0.004328    1.290388   181.611057
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2840

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -5.480766   -72.520742   -1.174053
-0.004297   -0.678140   -13.238205
0.14082   -5.480766   -72.520742   -1.174053
-0.004297   -0.188085   -13.334896
0.28164   -5.480766   -72.520742   -1.174053
-0.004297   -0.124426   -15.120479
0.42246   -5.480766   -72.520742   -1.174053
-0.004297   -0.312918   -20.871269
0.56329   -5.480766   -72.520742   -1.174053
-0.004297   -0.501606   -42.918634

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    7.210494    101.566810    0.963302
 0.004048    0.544752   117.996074
0.14082    7.210494    101.566810    0.963302
 0.004048    0.148769   110.548649
0.28164    7.210494    101.566810    0.963302
 0.004048    0.520909   124.778078
0.42246    7.210494    101.566810    0.963302
 0.004048    1.301057   150.181855
0.56329    7.210494    101.566810    0.963302
 0.004048    2.084339   181.523388

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -10.300511   -79.516941   -1.876681
-0.002865   -1.061376   -17.997161
0.14082   -10.300511   -79.516941   -1.876681
-0.002865   -0.277362   -19.418590
0.28164   -10.300511   -79.516941   -1.876681
-0.002865   -0.263473   -44.181469
0.42246   -10.300511   -79.516941   -1.876681
-0.002865   -0.667699   -73.446020
0.56329   -10.300511   -79.516941   -1.876681
-0.002865   -1.071541   -113.555410

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    8.100269    94.370685    1.067715
 0.003388    0.603122   104.658449
0.14082    8.100269    94.370685    1.067715
 0.003388    0.162454   94.512570
0.28164    8.100269    94.370685    1.067715
 0.003388    0.561754   103.941190
0.42246    8.100269    94.370685    1.067715
 0.003388    1.408950   125.009294
0.56329    8.100269    94.370685    1.067715
 0.003388    2.258427   151.052557

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -9.664409   -74.172064   -2.033108
-0.003128   -1.149874   -39.934512
0.14082   -9.664409   -74.172064   -2.033108
-0.003128   -0.299703   -38.086479
0.28164   -9.664409   -74.172064   -2.033108
-0.003128   -0.292100   -56.865431
0.42246   -9.664409   -74.172064   -2.033108
-0.003128   -0.740044   -81.141501
0.56329   -9.664409   -74.172064   -2.033108
-0.003128   -1.187622   -114.437223

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    2.717885    15.494144    0.423605
 8.86E-06    0.239006   12.530772
0.14082    2.717885    15.494144    0.423605
 8.86E-06    0.061579    6.712730
0.28164    2.717885    15.494144    0.423605
 8.86E-06    0.193713    2.335808
0.42246    2.717885    15.494144    0.423605
 8.86E-06    0.495651    1.956673
0.56329    2.717885    15.494144    0.423605
 8.86E-06    0.797280    2.725365
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2841

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -2.300864   -10.765970   -0.719497
-0.001222   -0.409574   -40.856902
0.14082   -2.300864   -10.765970   -0.719497
-0.001222   -0.170798   -36.881866
0.28164   -2.300864   -10.765970   -0.719497
-0.001222   -0.116198   -33.779204
0.42246   -2.300864   -10.765970   -0.719497
-0.001222   -0.293789   -34.309271
0.56329   -2.300864   -10.765970   -0.719497
-0.001222   -0.471368   -35.343325

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    6.902215    25.998902    0.675529
 0.000169    0.381511   19.066234
0.14082    6.902215    25.998902    0.675529
 0.000169    0.099254   12.680567
0.28164    6.902215    25.998902    0.675529
 0.000169    0.343494   12.403606
0.42246    6.902215    25.998902    0.675529
 0.000169    0.870949   18.223584
0.56329    6.902215    25.998902    0.675529
 0.000169    1.397023   25.796738

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -2.984964   -29.915796   -1.256699
-0.002007   -0.710189   -58.909263
0.14082   -2.984964   -29.915796   -1.256699
-0.002007   -0.182776   -51.499650
0.28164   -2.984964   -29.915796   -1.256699
-0.002007   -0.185061   -47.986704
0.42246   -2.984964   -29.915796   -1.256699
-0.002007   -0.493673   -49.399695
0.56329   -2.984964   -29.915796   -1.256699
-0.002007   -0.751394   -52.231953

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    8.404833    25.804541    0.730945
 7.95E-06    0.410564   65.475565
0.14082    8.404833    25.804541    0.730945
 7.95E-06    0.104767   80.871059
0.28164    8.404833    25.804541    0.730945
 7.95E-06    0.434204   100.733923
0.42246    8.404833    25.804541    0.730945
 7.95E-06    1.100819   125.603556
0.56329    8.404833    25.804541    0.730945
 7.95E-06    1.766063   151.725843

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -3.341130   -73.682631   -1.589440
-0.001589   -0.896413   -52.821149
0.14082   -3.341130   -73.682631   -1.589440
-0.001589   -0.230107   -48.956138
0.28164   -3.341130   -73.682631   -1.589440
-0.001589   -0.200850   -47.481016
0.42246   -3.341130   -73.682631   -1.589440
-0.001589   -0.507470   -50.207679
0.56329   -3.341130   -73.682631   -1.589440
-0.001589   -0.813923   -53.673772

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    7.731142    88.205821    0.992665
 0.003230    0.560425   118.235900
0.14082    7.731142    88.205821    0.992665
 0.003230    0.131880   105.873354
0.28164    7.731142    88.205821    0.992665
 0.003230    0.531616   108.698875
0.42246    7.731142    88.205821    0.992665
 0.003230    1.340042   126.370246
0.56329    7.731142    88.205821    0.992665
 0.003230    2.149901   151.067569
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2842

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -9.376406   -71.699918   -1.940500
-0.003693   -1.103254   -47.744494
0.14082   -9.376406   -71.699918   -1.940500
-0.003693   -0.290824   -41.733744
0.28164   -9.376406   -71.699918   -1.940500
-0.003693   -0.272500   -51.632344
0.42246   -9.376406   -71.699918   -1.940500
-0.003693   -0.688935   -70.921262
0.56329   -9.376406   -71.699918   -1.940500
-0.003693   -1.105068   -100.580943

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    9.290936    149.742030    0.852491
 0.008096    0.481077   121.470672
0.14082    9.290936    149.742030    0.852491
 0.008096    0.130334   124.313801
0.28164    9.290936    149.742030    0.852491
 0.008096    0.344239   130.429564
0.42246    9.290936    149.742030    0.852491
 0.008096    0.857556   152.529099
0.56329    9.290936    149.742030    0.852491
 0.008096    1.379697   184.058607

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -15.163842   -82.916134   -1.252575
-0.006001   -0.720584   -52.697199
0.14082   -15.163842   -82.916134   -1.252575
-0.006001   -0.196221   -54.122393
0.28164   -15.163842   -82.916134   -1.252575
-0.006001   -0.233655   -76.631196
0.42246   -15.163842   -82.916134   -1.252575
-0.006001   -0.591006   -111.139991
0.56329   -15.163842   -82.916134   -1.252575
-0.006001   -0.948352   -167.656935

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    8.991414    139.720602    1.195695
 0.008328    0.678344   124.566043
0.14082    8.991414    139.720602    1.195695
 0.008328    0.187823   127.710429
0.28164    8.991414    139.720602    1.195695
 0.008328    0.607762   134.010405
0.42246    8.991414    139.720602    1.195695
 0.008328    1.517936   153.503815
0.56329    8.991414    139.720602    1.195695
 0.008328    2.432921   181.611057

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -14.437721   -79.516941   -2.192626
-0.006004   -1.243708   -58.909263
0.14082   -14.437721   -79.516941   -2.192626
-0.006004   -0.326235   -55.893536
0.28164   -14.437721   -79.516941   -2.192626
-0.006004   -0.325895   -75.952207
0.42246   -14.437721   -79.516941   -2.192626
-0.006004   -0.827199   -102.775929
0.56329   -14.437721   -79.516941   -2.192626
-0.006004   -1.328662   -158.659413

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    9.290936    149.742030    1.195695
 0.008328    0.678344   124.566043
0.14082    9.290936    149.742030    1.195695
 0.008328    0.187823   127.710429
0.28164    9.290936    149.742030    1.195695
 0.008328    0.607762   134.010405
0.42246    9.290936    149.742030    1.195695
 0.008328    1.517936   153.503815
0.56329    9.290936    149.742030    1.195695
 0.008328    2.432921   184.058607
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2843

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -15.163842   -82.916134   -2.192626
-0.006004   -1.243708   -58.909263
0.14082   -15.163842   -82.916134   -2.192626
-0.006004   -0.326235   -55.893536
0.28164   -15.163842   -82.916134   -2.192626
-0.006004   -0.325895   -76.631196
0.42246   -15.163842   -82.916134   -2.192626
-0.006004   -0.827199   -111.139991
0.56329   -15.163842   -82.916134   -2.192626
-0.006004   -1.328662   -167.656935

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000    9.290936    149.742030    1.195695
 0.008328    0.678344   124.566043
0.14082    9.290936    149.742030    1.195695
 0.008328    0.187823   127.710429
0.28164    9.290936    149.742030    1.195695
 0.008328    0.607762   134.010405
0.42246    9.290936    149.742030    1.195695
 0.008328    1.517936   153.503815
0.56329    9.290936    149.742030    1.195695
 0.008328    2.432921   184.058607

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000   -15.163842   -82.916134   -2.192626
-0.006004   -1.243708   -58.909263
0.14082   -15.163842   -82.916134   -2.192626
-0.006004   -0.326235   -55.893536
0.28164   -15.163842   -82.916134   -2.192626
-0.006004   -0.325895   -76.631196
0.42246   -15.163842   -82.916134   -2.192626
-0.006004   -0.827199   -111.139991
0.56329   -15.163842   -82.916134   -2.192626
-0.006004   -1.328662   -167.656935

ELEM     262 ================== LENGTH
=    2.977216

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    0.574008    69.752193    0.498567
 0.001283    0.556754   94.946263
0.57749    0.574008    69.752193    0.498567
 0.001283    0.347775   65.750113
0.71832    0.574008    69.752193    0.498567
 0.001283    0.138789   36.623084
0.85916    0.574008    69.752193    0.498567
 0.001283    0.076920    7.826885
1.00000    0.574008    69.752193    0.498567
 0.001283    0.284382    2.384782

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -9.456631   -9.805261   -0.508816
-1.47E-05   -0.156913   -0.686077
0.57749   -9.456631   -9.805261   -0.508816
-1.47E-05   -0.355665   -16.701154
0.71832   -9.456631   -9.805261   -0.508816
-1.47E-05   -0.142333   -13.102482
0.85916   -9.456631   -9.805261   -0.508816
-1.47E-05   -0.070348   -9.704856
1.00000   -9.456631   -9.805261   -0.508816
-1.47E-05   -0.279470   -23.345147

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    5.134873    99.986677    0.672900
 0.007720    0.751237   186.598356
0.57749    5.134873    99.986677    0.672900
 0.007720    0.469371   146.732791
0.71832    5.134873    99.986677    0.672900
 0.007720    0.187491   121.174386
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2844

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
         T          M2          M3
0.85916    5.134873    99.986677    0.672900
 0.007720    0.150181   113.117219
1.00000    5.134873    99.986677    0.672900
 0.007720    0.493715   119.757673

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -12.001905   -92.584862   -0.823285
-0.006206   -0.896642   -50.508468
0.57749   -12.001905   -92.584862   -0.823285
-0.006206   -0.551806   -25.368092
```

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0.71832   -12.001905   -92.584862   -0.823285
-0.006206   -0.227654   -18.485606
0.85916   -12.001905   -92.584862   -0.823285
-0.006206   -0.113141   -13.650866
1.00000   -12.001905   -92.584862   -0.823285
-0.006206   -0.378540   -11.967022

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    8.232024    90.625498    0.722026
 0.005717    0.805944   180.370734
0.57749    8.232024    90.625498    0.722026
 0.005717    0.503197   144.650476
0.71832    8.232024    90.625498    0.722026
 0.005717    0.200437   119.424735
0.85916    8.232024    90.625498    0.722026
 0.005717    0.103037   107.860519
1.00000    8.232024    90.625498    0.722026
 0.005717    0.577444   118.088134

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -11.064725  -118.527963   -0.993538
-0.004679   -1.096613   -92.990952
0.57749   -11.064725  -118.527963   -0.993538
-0.004679   -0.680734   -52.175342
0.71832   -11.064725  -118.527963   -0.993538
-0.004679   -0.279060   -22.266928
0.85916   -11.064725  -118.527963   -0.993538
-0.004679   -0.113615   -13.798973
1.00000   -11.064725  -118.527963   -0.993538
-0.004679   -0.405075   -11.678952

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.539863    79.245070    0.805639
 0.004749    0.899304   158.990949
0.57749    9.539863    79.245070    0.805639
 0.004749    0.561497   127.679023
0.71832    9.539863    79.245070    0.805639
 0.004749    0.223674   105.074878
0.85916    9.539863    79.245070    0.805639
 0.004749    0.162535    93.867679
1.00000    9.539863    79.245070    0.805639
 0.004749    0.592755   100.882754

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -9.719889   -114.061194   -1.028325
-0.004299   -1.138406   -123.605997
0.57749   -9.719889   -114.061194   -1.028325
-0.004299   -0.707822   -83.358909
0.71832   -9.719889   -114.061194   -1.028325
-0.004299   -0.289087   -52.608880
0.85916   -9.719889   -114.061194   -1.028325
-0.004299   -0.123523   -40.083158
1.00000   -9.719889   -114.061194   -1.028325
-0.004299   -0.451922   -32.482106

COMB DB-G2-1 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    5.853560    9.340623    0.121047
 0.005449    0.134979   52.368708
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2845

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
         T          M2          M3
0.57749    5.853560    9.340623    0.121047
 0.005449    0.084223   50.925149
0.71832    5.853560    9.340623    0.121047
 0.005449    0.033452   62.065652
0.85916    5.853560    9.340623    0.121047
 0.005449    0.068634   90.025519
1.00000    5.853560    9.340623    0.121047
 0.005449    0.212601   129.297938

COMB DB-G2-1 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -0.759735   -99.681425   -0.346302
 -0.005383   -0.036612   -44.351842
0.57749   -0.759735   -99.681425   -0.346302
 -0.005383   -0.223717   -14.548695
0.71832   -0.759735   -99.681425   -0.346302
 -0.005383   -0.096171   -3.750816
0.85916   -0.759735   -99.681425   -0.346302
 -0.005383   -0.032013   -2.993154
1.00000   -0.759735   -99.681425   -0.346302
 -0.005383   -0.068045   -2.321610

COMB DB-G2-2 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.979773    10.266935    0.315947
 0.005103    0.352004   58.516845
0.57749    9.979773    10.266935    0.315947
 0.005103    0.219528   56.808311
0.71832    9.979773    10.266935    0.315947
 0.005103    0.087044   67.063836
0.85916    9.979773    10.266935    0.315947
 0.005103    0.045855   92.961080
1.00000    9.979773    10.266935    0.315947
 0.005103    0.361900   133.902543

COMB DB-G2-2 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -1.282070   -132.976361   -0.620932
 -0.005532   -0.679958   -101.891113
0.57749   -1.282070   -132.976361   -0.620932
 -0.005532   -0.419890   -56.465140
0.71832   -1.282070   -132.976361   -0.620932
 -0.005532   -0.171173   -24.032724
0.85916   -1.282070   -132.976361   -0.620932
 -0.005532   -0.058514   -15.868691
1.00000   -1.282070   -132.976361   -0.620932
 -0.005532   -0.177902   -12.448165

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.018984    81.136957    0.623894
 0.004410    0.696282   191.893590
0.57749    9.018984    81.136957    0.623894
 0.004410    0.434682   160.008508
0.71832    9.018984    81.136957    0.623894
 0.004410    0.173069   136.807898
0.85916    9.018984    81.136957    0.623894
 0.004410    0.144363   125.397194
1.00000    9.018984    81.136957    0.623894
 0.004410    0.529131   128.301253

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -8.656830   -116.643425   -0.920008
 -0.004069   -1.014231   -103.696624
0.57749   -8.656830   -116.643425   -0.920008
 -0.004069   -0.628675   -62.180949
0.71832   -8.656830   -116.643425   -0.920008
 -0.004069   -0.254753   -30.245279
0.85916   -8.656830   -116.643425   -0.920008
 -0.004069   -0.097716   -20.824234
1.00000   -8.656830   -116.643425   -0.920008
 -0.004069   -0.350113   -15.417306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2846

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665   10.106912    72.215579    0.740824
 0.003691    0.827034   171.633382
0.57749   10.106912    72.215579    0.740824
 0.003691    0.516405   143.130163
0.71832   10.106912    72.215579    0.740824
 0.003691    0.205750   121.909034
0.85916   10.106912    72.215579    0.740824
 0.003691    0.149331   110.513190
1.00000   10.106912    72.215579    0.740824
 0.003691    0.555952   111.011026

COMB DB-G2-4 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -7.434788   -108.850319   -0.971579
 -0.003816   -1.073853   -133.064871
0.57749   -7.434788   -108.850319   -0.971579
 -0.003816   -0.666639   -93.659403
0.71832   -7.434788   -108.850319   -0.971579
 -0.003816   -0.269138   -62.188383
0.85916   -7.434788   -108.850319   -0.971579
 -0.003816   -0.112579   -49.398003
1.00000   -7.434788   -108.850319   -0.971579
 -0.003816   -0.415478   -40.274247

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    4.087323    7.844166    0.348718
6.98E-06    0.389698   20.654435
0.57749    4.087323    7.844166    0.348718
6.98E-06    0.243479   17.400009
0.71832    4.087323    7.844166    0.348718
6.98E-06    0.097250   14.168400
0.85916    4.087323    7.844166    0.348718
6.98E-06    0.045896   10.971307
1.00000    4.087323    7.844166    0.348718
6.98E-06    0.182934   7.825334

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -0.378293   -16.473203   -0.326612
 -0.000647   -0.364876   -71.792759
0.57749   -0.378293   -16.473203   -0.326612
 -0.000647   -0.227934   -65.031588
0.71832   -0.378293   -16.473203   -0.326612
 -0.000647   -0.091003   -58.334134
0.85916   -0.378293   -16.473203   -0.326612
 -0.000647   -0.048953   -51.642776
1.00000   -0.378293   -16.473203   -0.326612
 -0.000647   -0.195178   -44.977599

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    7.658238    11.254022    0.561812
 0.000202    0.627355   69.024111
0.57749    7.658238    11.254022    0.561812
 0.000202    0.391788   24.688155
0.71832    7.658238    11.254022    0.561812
 0.000202    0.156197   20.858951
0.85916    7.658238    11.254022    0.561812
 0.000202    0.079266   17.694351
1.00000    7.658238    11.254022    0.561812
 0.000202    0.318440   15.070734

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -1.132789   -42.685361   -0.570435
 -0.001314   -0.638438   -124.946302
0.57749   -1.132789   -42.685361   -0.570435
 -0.001314   -0.399283   -108.026029
0.71832   -1.132789   -42.685361   -0.570435
 -0.001314   -0.160908   -92.207589
0.85916   -1.132789   -42.685361   -0.570435
 -0.001314   -0.079766   -76.763052
1.00000   -1.132789   -42.685361   -0.570435
 -0.001314   -0.314925   -61.960294
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2847

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665   10.863000    11.115118    0.587116
 0.000535    0.655005   50.230247
0.57749   10.863000    11.115118    0.587116
 0.000535    0.408826   46.959609
0.71832   10.863000    11.115118    0.587116
 0.000535    0.162645   45.400287
0.85916   10.863000    11.115118    0.587116
 0.000535    0.105795   47.727725
1.00000   10.863000    11.115118    0.587116
 0.000535    0.430493   64.294319

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -1.023293   -94.673639   -0.774837
 -0.001665   -0.869182   -154.084662
0.57749   -1.023293   -94.673639   -0.774837
 -0.001665   -0.544311   -115.368276
0.71832   -1.023293   -94.673639   -0.774837
 -0.001665   -0.220702   -78.935844
0.85916   -1.023293   -94.673639   -0.774837
 -0.001665   -0.084227   -65.643332
1.00000   -1.023293   -94.673639   -0.774837
 -0.001665   -0.329710   -56.200437

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665   11.284043    58.075845    0.707776
 0.003952    0.790216   155.533812
0.57749   11.284043    58.075845    0.707776
 0.003952    0.493444   133.082762
0.71832   11.284043    58.075845    0.707776
 0.003952    0.196668   119.103478
0.85916   11.284043    58.075845    0.707776
 0.003952    0.145551   116.423422
1.00000   11.284043    58.075845    0.707776
 0.003952    0.539806   125.197184

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -5.365980   -114.582411   -0.942365
 -0.004459   -1.041045   -144.128659
0.57749   -5.365980   -114.582411   -0.942365
 -0.004459   -0.646110   -103.450057
0.71832   -5.365980   -114.582411   -0.942365
 -0.004459   -0.252622   -71.964116
0.85916   -5.365980   -114.582411   -0.942365
 -0.004459   -0.109149   -58.924985
1.00000   -5.365980   -114.582411   -0.942365
 -0.004459   -0.396870   -49.488629

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    0.504339    68.226880    0.670198
 0.001224    0.748302   90.289542
0.57749    0.504339    68.226880    0.670198
 0.001224    0.467121   62.091782
0.71832    0.504339    68.226880    0.670198
 0.001224    0.185929   34.274389
0.85916    0.504339    68.226880    0.670198
 0.001224    0.156777    7.674958
1.00000    0.504339    68.226880    0.670198
 0.001224    0.598279    2.732721

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -9.026622   -11.871239   -1.058392
 -1.05E-05   -1.176455   -27.384763
0.57749   -9.026622   -11.871239   -1.058392
 -1.05E-05   -0.732654   -22.808035
0.71832   -9.026622   -11.871239   -1.058392
 -1.05E-05   -0.289048   -18.693122
0.85916   -9.026622   -11.871239   -1.058392
 -1.05E-05   -0.094281   -15.732981
1.00000   -9.026622   -11.871239   -1.058392
 -1.05E-05   -0.376294   -32.861686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2848

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    5.434649    96.412265    0.953280
 0.007639    1.058492   184.782690
0.57749    5.434649    96.412265    0.953280
 0.007639    0.659895   149.391014
0.71832    5.434649    96.412265    0.953280
 0.007639    0.259899   126.881431
0.85916    5.434649    96.412265    0.953280
 0.007639    0.254974   120.841182
1.00000    5.434649    96.412265    0.953280
 0.007639    0.900617   129.266555

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -11.155306   -91.930211   -1.544666
 -0.006182   -1.696541   -62.156819
0.57749   -11.155306   -91.930211   -1.544666
 -0.006182   -1.052096   -31.879390
0.71832   -11.155306   -91.930211   -1.544666
 -0.006182   -0.422198   -23.688239
0.85916   -11.155306   -91.930211   -1.544666
 -0.006182   -0.159760   -18.078507
1.00000   -11.155306   -91.930211   -1.544666
 -0.006182   -0.544216   -22.741769

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    7.997154    87.340334    0.972450
 0.005829    1.080962   174.409667
0.57749    7.997154    87.340334    0.972450
 0.005829    0.674182   142.897507
0.71832    7.997154    87.340334    0.972450
 0.005829    0.266441   122.043436
0.85916    7.997154    87.340334    0.972450
 0.005829    0.272784   119.905141
1.00000    7.997154    87.340334    0.972450
 0.005829    1.007294   134.857192

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -10.239690   -114.376255   -1.755301
 -0.004756   -1.940900   -93.449534
0.57749   -10.239690   -114.376255   -1.755301
 -0.004756   -1.207395   -52.604172
0.71832   -10.239690   -114.376255   -1.755301
 -0.004756   -0.484517   -28.121882
0.85916   -10.239690   -114.376255   -1.755301
 -0.004756   -0.155208   -17.718252
1.00000   -10.239690   -114.376255   -1.755301
 -0.004756   -0.552314   -21.132887

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.065653    77.230845    1.054449
 0.004843    0.731899   155.951651
0.57749    9.065653    77.230845    1.054449
 0.004843    0.731875   127.803497
0.71832    9.065653    77.230845    1.054449
 0.004843    0.289789   108.574916
0.85916    9.065653    77.230845    1.054449
 0.004843    0.281964   104.898966
1.00000    9.065653    77.230845    1.054449
 0.004843    1.061565   115.421700

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -9.033559   -112.641565   -1.861985
 -0.004339   -2.064944   -129.527440
0.57749   -9.033559   -112.641565   -1.861985
 -0.004339   -1.286096   -88.400878
0.71832   -9.033559   -112.641565   -1.861985
 -0.004339   -0.516099   -61.038546
0.85916   -9.033559   -112.641565   -1.861985
 -0.004339   -0.163997   -45.715154
1.00000   -9.033559   -112.641565   -1.861985
 -0.004339   -0.596980   -41.924381
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2849

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    5.683128    9.706406    0.210772
 0.004577    0.229412   57.448821
0.57749    5.683128    9.706406    0.210772
 0.004577    0.141205   58.912681
0.71832    5.683128    9.706406    0.210772
 0.004577    0.053349   71.570295
0.85916    5.683128    9.706406    0.210772
 0.004577    0.082086   98.970732
1.00000    5.683128    9.706406    0.210772
 0.004577    0.270797   131.960980

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -0.719454   -87.694621   -0.453278
 -0.004497   -0.492094   -44.568045
0.57749   -0.719454   -87.694621   -0.453278
 -0.004497   -0.304123   -15.256674
0.71832   -0.719454   -87.694621   -0.453278
 -0.004497   -0.126536   -4.272800
0.85916   -0.719454   -87.694621   -0.453278
 -0.004497   -0.049242   -3.332028
1.00000   -0.719454   -87.694621   -0.453278
 -0.004497   -0.126410   -2.409313

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.150952    11.200636    0.396943
 0.004414    0.438088   60.778204
0.57749    9.150952    11.200636    0.396943
 0.004414    0.272282   61.451100
0.71832    9.150952    11.200636    0.396943
 0.004414    0.106456   72.751355
0.85916    9.150952    11.200636    0.396943
 0.004414    0.143533   103.208088
1.00000    9.150952    11.200636    0.396943
 0.004414    0.522859   141.267750

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -1.217678   -119.246638   -0.908418
 -0.004735   -1.002256   -94.323976
0.57749   -1.217678   -119.246638   -0.908418
 -0.004735   -0.623696   -51.542055
0.71832   -1.217678   -119.246638   -0.908418
 -0.004735   -0.255024   -24.876523
0.85916   -1.217678   -119.246638   -0.908418
 -0.004735   -0.073925   -15.566177
1.00000   -1.217678   -119.246638   -0.908418
 -0.004735   -0.229437   -11.669255

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    8.225180    79.093038    0.824603
 0.003691    0.917375   192.776183
0.57749    8.225180    79.093038    0.824603
 0.003691    0.572058   163.880667
0.71832    8.225180    79.093038    0.824603
 0.003691    0.226380   142.674121
0.85916    8.225180    79.093038    0.824603
 0.003691    0.229745   136.388574
1.00000    8.225180    79.093038    0.824603
 0.003691    0.873693   137.111143

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -7.842205   -104.918688   -1.538855
 -0.003244   -1.708147   -99.230539
0.57749   -7.842205   -104.918688   -1.538855
 -0.003244   -1.064411   -60.600176
0.71832   -7.842205   -104.918688   -1.538855
 -0.003244   -0.426866   -33.183421
0.85916   -7.842205   -104.918688   -1.538855
 -0.003244   -0.127507   -21.947093
1.00000   -7.842205   -104.918688   -1.538855
 -0.003244   -0.466422   -15.453670
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2850

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    9.395576    71.659088    0.961441
 0.003091    1.070737   175.440084
0.57749    9.395576    71.659088    0.961441
 0.003091    0.667967   148.937547
0.71832    9.395576    71.659088    0.961441
 0.003091    0.264968   128.847082
0.85916    9.395576    71.659088    0.961441
 0.003091    0.241881   121.271287
1.00000    9.395576    71.659088    0.961441
 0.003091    0.953942   119.582296

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -6.811124   -102.117386   -1.689202
 -0.003122   -1.880429   -138.811772
0.57749   -6.811124   -102.117386   -1.689202
 -0.003122   -1.173114   -100.586525
0.71832   -6.811124   -102.117386   -1.689202
 -0.003122   -0.471006   -71.707030
0.85916   -6.811124   -102.117386   -1.689202
 -0.003122   -0.144990   -56.209000
1.00000   -6.811124   -102.117386   -1.689202
 -0.003122   -0.542295   -44.930069

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    4.135692    9.899880    0.437460
4.10E-06    0.488678   26.293893
0.57749    4.135692    9.899880    0.437460
4.10E-06    0.305331   22.167028
0.71832    4.135692    9.899880    0.437460
4.10E-06    0.121893   18.052520
0.85916    4.135692    9.899880    0.437460
4.10E-06    0.081579   13.963126
1.00000    4.135692    9.899880    0.437460
4.10E-06    0.340991   9.924550

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -0.379719   -20.617099   -0.616560
 -0.000645   -0.693619   -88.013628
0.57749   -0.379719   -20.617099   -0.616560
 -0.000645   -0.435356   -79.450852
0.71832   -0.379719   -20.617099   -0.616560
 -0.000645   -0.176146   -70.960286
0.85916   -0.379719   -20.617099   -0.616560
 -0.000645   -0.061515   -62.484333
1.00000   -0.379719   -20.617099   -0.616560
 -0.000645   -0.244805   -54.117159

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665    7.236393    13.932815    0.692810
 0.000130    0.773370   36.050207
0.57749    7.236393    13.932815    0.692810
 0.000130    0.483018   30.509211
0.71832    7.236393    13.932815    0.692810
 0.000130    0.192496   25.283386
0.85916    7.236393    13.932815    0.692810
 0.000130    0.147507   20.557494
1.00000    7.236393    13.932815    0.692810
 0.000130    0.604279   16.783427

COMB DL-G3-2 ------------------ MIN

REL DIST          P           V2          V3
         T          M2          M3
0.43665   -1.150721   -47.688419   -1.088650
 -0.001211   -1.221495   -144.253498
0.57749   -1.150721   -47.688419   -1.088650
 -0.001211   -0.765775   -124.850634
0.71832   -1.150721   -47.688419   -1.088650
 -0.001211   -0.308702   -106.201671
0.85916   -1.150721   -47.688419   -1.088650
 -0.001211   -0.098701   -88.498287
1.00000   -1.150721   -47.688419   -1.088650
 -0.001211   -0.388443   -71.717928
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                2851

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P           V2          V3
         T          M2          M3
0.43665   10.060519    13.270582    0.707913
 0.000217    0.789246   53.505019
0.57749   10.060519    13.270582    0.707913
 0.000217    0.492375   50.645695
0.71832   10.060519    13.270582    0.707913
 0.000217    0.195784   50.579110
0.85916   10.060519    13.270582    0.707913
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 0.000217    0.172499   58.918025
 1.00000   10.060519   13.270582    0.707913
 0.000217    0.712968   74.261324

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   -1.002184  -90.709326   -1.288322
-0.001241   -1.446852 -161.274021
 0.57749   -1.002184  -90.709326   -1.288322
-0.001241   -0.907090 -125.654380
 0.71832   -1.002184  -90.709326   -1.288322
-0.001241   -0.366523  -92.636448
 0.85916   -1.002184  -90.709326   -1.288322
-0.001241   -0.100547  -76.721772
 1.00000   -1.002184  -90.709326   -1.288322
-0.001241   -0.396879  -64.574557

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   10.503088   59.212502    0.916179
 0.002999    1.020038  164.331300
 0.57749   10.503088   59.212502    0.916179
 0.002999    0.636127  143.287445
 0.71832   10.503088   59.212502    0.916179
 0.002999    0.252330  129.175112
 0.85916   10.503088   59.212502    0.916179
 0.002999    0.229171  127.925732
 1.00000   10.503088   59.212502    0.916179
 0.002999    0.894682  132.474560

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   -4.939090 -105.714222   -1.587914
-0.003449   -1.769622 -153.065983
 0.57749   -4.939090 -105.714222   -1.587914
-0.003449   -1.105352 -113.633039
 0.71832   -4.939090 -105.714222   -1.587914
-0.003449   -0.446248  -84.338838
 0.85916   -4.939090 -105.714222   -1.587914
-0.003449   -0.139304  -68.941268
 1.00000   -4.939090 -105.714222   -1.587914
-0.003449   -0.517001  -56.871188

COMB     DB ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   11.284043   99.986677    0.805639
 0.007720    0.899304  191.893590
 0.57749   11.284043   99.986677    0.805639
 0.007720    0.561497  160.008508
 0.71832   11.284043   99.986677    0.805639
 0.007720    0.223674  136.807898
 0.85916   11.284043   99.986677    0.805639
 0.007720    0.162535  125.397194
 1.00000   11.284043   99.986677    0.805639
 0.007720    0.592755  133.902543

COMB     DB ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665  -12.001905 -132.976361   -1.028325
-0.006206   -1.138406 -154.084062
 0.57749  -12.001905 -132.976361   -1.028325
-0.006206   -0.707822 -115.368276
 0.71832  -12.001905 -132.976361   -1.028325
-0.006206   -0.289087  -92.207589
 0.85916  -12.001905 -132.976361   -1.028325
-0.006206   -0.123523  -76.763052
 1.00000  -12.001905 -132.976361   -1.028325
-0.006206   -0.451922  -61.960294
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2852

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   10.503088   96.412265    1.054449
 0.007639    1.173129  192.776183
 0.57749   10.503088   96.412265    1.054449
 0.007639    0.731875  163.880667
 0.71832   10.503088   96.412265    1.054449
 0.007639    0.289789  142.674121
 0.85916   10.503088   96.412265    1.054449
 0.007639    0.281964  136.388574
 1.00000   10.503088   96.412265    1.054449
 0.007639    1.061565  141.267750

COMB     DL ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665  -11.155306 -119.246638   -1.861985
-0.006182   -2.064944 -161.274021
 0.57749  -11.155306 -119.246638   -1.861985
-0.006182   -1.286096 -125.654380
 0.71832  -11.155306 -119.246638   -1.861985
-0.006182   -0.516099 -106.201671
 0.85916  -11.155306 -119.246638   -1.861985
-0.006182   -0.163997  -88.498287
 1.00000  -11.155306 -119.246638   -1.861985
-0.006182   -0.596980  -71.717928

COMB     CAR ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   11.284043   99.986677    1.054449
 0.007720    1.173129  192.776183
 0.57749   11.284043   99.986677    1.054449
 0.007720    0.731875  163.880667
 0.71832   11.284043   99.986677    1.054449
 0.007720    0.289789  142.674121
 0.85916   11.284043   99.986677    1.054449
 0.007720    0.281964  136.388574
 1.00000   11.284043   99.986677    1.054449
 0.007720    1.061565  141.267750

COMB     CAR ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665  -12.001905 -132.976361   -1.861985
-0.006206   -2.064944 -161.274021
 0.57749  -12.001905 -132.976361   -1.861985
-0.006206   -1.286096 -125.654380
 0.71832  -12.001905 -132.976361   -1.861985
-0.006206   -0.516099 -106.201671
 0.85916  -12.001905 -132.976361   -1.861985
-0.006206   -0.163997  -88.498287
 1.00000  -12.001905 -132.976361   -1.861985
-0.006206   -0.596980  -71.717928

COMB  DESIGN ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43665   11.284043   99.986677    1.054449
 0.007720    1.173129  192.776183
 0.57749   11.284043   99.986677    1.054449
 0.007720    0.731875  163.880667
 0.71832   11.284043   99.986677    1.054449
 0.007720    0.289789  142.674121
 0.85916   11.284043   99.986677    1.054449
 0.007720    0.281964  136.388574
 1.00000   11.284043   99.986677    1.054449
 0.007720    1.061565  141.267750

COMB  DESIGN ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43665  -12.001905 -132.976361   -1.861985
-0.006206   -2.064944 -161.274021
 0.57749  -12.001905 -132.976361   -1.861985
-0.006206   -1.286096 -125.654380
 0.71832  -12.001905 -132.976361   -1.861985
-0.006206   -0.516099 -106.201671
 0.85916  -12.001905 -132.976361   -1.861985
-0.006206   -0.163997  -88.498287
 1.00000  -12.001905 -132.976361   -1.861985
-0.006206   -0.596980  -71.717928
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2853

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      263 ================== LENGTH
=     2.978174

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   0.581154   69.234681    0.508179
 0.001283  0.286636    2.381453
 0.14087   0.581154   69.234681    0.508179
 0.001283  0.073358    2.717687
 0.28175   0.581154   69.234681    0.508179
 0.001283  0.142994    4.772763
 0.42262   0.581154   69.234681    0.508179
 0.001283  0.361841    8.500346
 0.56349   0.581154   69.234681    0.508179
 0.001283  0.580704   12.470577

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -9.407936   -9.735136   -0.521671
-7.24E-06   -0.294751   -23.378272
 0.14087  -9.407936   -9.735136   -0.521671
-7.24E-06   -0.075872   -51.952357
 0.28175  -9.407936   -9.735136   -0.521671
-7.24E-06   -0.139761   -80.906298
 0.42262  -9.407936   -9.735136   -0.521671
-7.24E-06   -0.352971  -109.874766
 0.56349  -9.407936   -9.735136   -0.521671
-7.24E-06   -0.566174  -138.877909

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   2.290978  164.447365    0.687913
 0.007826  0.388543  120.140492
 0.14087   2.290978  164.447365    0.687913
 0.007826  0.117000   95.317605
 0.28175   2.290978  164.447365    0.687913
 0.007826  0.229321   73.280283
 0.42262   2.290978  164.447365    0.687913
 0.007826  0.559022   70.408903
 0.56349   2.290978  164.447365    0.687913
 0.007826  0.910992   81.133858

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -16.063011  -31.875300   -0.839116
-0.006046   -0.498186  -12.002467
 0.14087  -16.063011  -31.875300   -0.839116
-0.006046   -0.147128  -48.435344
 0.28175  -16.063011  -31.875300   -0.839116
-0.006046   -0.188616  -85.327622
 0.42262  -16.063011  -31.875300   -0.839116
-0.006046   -0.477250  -125.152915
 0.56349  -16.063011  -31.875300   -0.839116
-0.006046   -0.765861  -185.913805

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   6.387200  134.306301    0.730691
 0.005750  0.411518  118.317655
 0.14087   6.387200  134.306301    0.730691
 0.005750  0.116493  123.786910
 0.28175   6.387200  134.306301    0.730691
 0.005750  0.283225  131.904175
 0.42262   6.387200  134.306301    0.730691
 0.005750  0.701247  153.381225
 0.56349   6.387200  134.306301    0.730691
 0.005750  1.134428  184.122367

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.795878   -77.751449   -1.032624
-0.004234   -0.559177   -17.707842
 0.14087  -13.795878   -77.751449   -1.032624
-0.004234   -0.166489   -45.999504
 0.28175  -13.795878   -77.751449   -1.032624
-0.004234   -0.201629   -80.574462
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2854

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.42262  -13.795878   -77.751449   -1.032624
-0.004234   -0.508167  -117.086076
 0.56349  -13.795878   -77.751449   -1.032624
-0.004234   -0.814725  -167.804281

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   8.042415  115.518338    0.814600
 0.004813  0.458618  101.080070
 0.14087   8.042415  115.518338    0.814600
 0.004813  0.126413  104.484839
 0.28175   8.042415  115.518338    0.814600
 0.004813  0.293346  112.712783
 0.42262   8.042415  115.518338    0.814600
 0.004813  0.729035  133.083563
 0.56349   8.042415  115.518338    0.814600
 0.004813  1.177596  162.868703

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.988834  -80.468057   -1.069290
-0.003990   -0.617464   -32.519187
 0.14087  -11.988834  -80.468057   -1.069290
-0.003990   -0.169270   -55.239063
 0.28175  -11.988834  -80.468057   -1.069290
-0.003990   -0.224875   -78.621140
 0.42262  -11.988834  -80.468057   -1.069290
-0.003990   -0.566649  -105.059092
 0.56349  -11.988834  -80.468057   -1.069290
-0.003990   -0.908411  -144.225882

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   3.513198   63.959306    0.121357
 0.005261  0.068257  129.605817
 0.14087   3.513198   63.959306    0.121357
 0.005261  0.031957  121.673478
 0.28175   3.513198   63.959306    0.121357
 0.005261  0.098365  113.861307
 0.42262   3.513198   63.959306    0.121357
 0.005261  0.230331  121.437896
 0.56349   3.513198   63.959306    0.121357
 0.005261  0.380934  140.097113

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.207188  -49.244719   -0.359116
-0.005055   -0.222559   -2.313315
 0.14087   -4.207188  -49.244719   -0.359116
-0.005055   -0.072681   -1.723654
 0.28175   -4.207188  -49.244719   -0.359116
-0.005055   -0.033545   -1.378005
 0.42262   -4.207188  -49.244719   -0.359116
-0.005055   -0.084474   -3.449183
 0.56349   -4.207188  -49.244719   -0.359116
-0.005055   -0.135393   -23.015691

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   7.869958   61.107122    0.313839
 0.005090  0.175977  134.173919
 0.14087   7.869958   61.107122    0.313839
 0.005090  0.057646  139.650892
 0.28175   7.869958   61.107122    0.313839
 0.005090  0.180849  148.470735
 0.42262   7.869958   61.107122    0.313839
 0.005090  0.439628  171.875598
 0.56349   7.869958   61.107122    0.313839
 0.005090  0.715777  205.992739

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -4.478251  -86.527655   -0.658367
-0.004977   -0.389867   -12.444542
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2855

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.14087  -4.478251  -86.527655   -0.658367
-0.004977   -0.114311   -9.064568
 0.28175  -4.478251  -86.527655   -0.658367
-0.004977   -0.087339   -6.488812
 0.42262  -4.478251  -86.527655   -0.658367
-0.004977   -0.219012   -8.104586
 0.56349  -4.478251  -86.527655   -0.658367
-0.004977   -0.350684   -27.194405

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   7.549331  116.416770    0.629873
 0.004651  0.354540  128.454362
 0.14087   7.549331  116.416770    0.629873
 0.004651  0.099682  121.686861
 0.28175   7.549331  116.416770    0.629873
 0.004651  0.255342  132.921834
 0.42262   7.549331  116.416770    0.629873
 0.004651  0.633343  158.012766
 0.56349   7.549331  116.416770    0.629873
 0.004651  1.023639  191.212825

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.860921  -83.942230   -0.930401
-0.003577   -0.538696  -115.404755
 0.14087  -10.860921  -83.942230   -0.930401
-0.003577   -0.148360   -17.321285
 0.28175  -10.860921  -83.942230   -0.930401
-0.003577   -0.173950   -45.444681
 0.42262  -10.860921  -83.942230   -0.930401
-0.003577   -0.438224   -76.930680
 0.56349  -10.860921  -83.942230   -0.930401
-0.003577   -0.702485  -121.042580

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   8.907762  101.806096    0.749001
 0.003884  0.421700  111.145453
 0.14087   8.907762  101.806096    0.749001
 0.003884  0.115336  103.201975
 0.28175   8.907762  101.806096    0.749001
 0.003884  0.269982  110.900440
 0.42262   8.907762  101.806096    0.749001
 0.003884  0.624648  131.044331
 0.56349   8.907762  101.806096    0.749001
 0.003884  1.083598  159.008966

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.287511  -81.526938   -0.981990
-0.003602   -0.564821   -40.275261
 0.14087   -9.287511  -81.526938   -0.981990
-0.003602   -0.153251   -37.251108
 0.28175   -9.287511  -81.526938   -0.981990
-0.003602   -0.737737   -55.940001
 0.42262   -9.287511  -81.526938   -0.981990
-0.003602   -0.521003   -77.123367
 0.56349   -9.287511  -81.526938   -0.981990
-0.003602   -0.835242  -108.690351

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   4.132563   7.966745    0.354597
 1.44E-05  0.199877   7.834247
 0.14087   4.132563   7.966745    0.354597
 1.44E-05  0.051036   4.862109
 0.28175   4.132563   7.966745    0.354597
 1.44E-05  0.091826   2.425748
 0.42262   4.132563   7.966745    0.354597
 1.44E-05  0.231103   1.399983
 0.56349   4.132563   7.966745    0.354597
 1.44E-05  0.370400   2.067557
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2856

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -0.371890  -16.554098   -0.332022
-0.000956   -0.186794   -44.994790
 0.14087  -0.371890  -16.554098   -0.332022
-0.000956   -0.047479   -38.520119
 0.28175  -0.371890  -16.554098   -0.332022
-0.000956   -0.097651   -32.175070
 0.42262  -0.371890  -16.554098   -0.332022
-0.000956   -0.246430   -25.849968
 0.56349  -0.371890  -16.554098   -0.332022
-0.000956   -0.395198   -19.585879

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   7.657334  13.437013    0.567879
 0.000328  0.319655  15.094441
 0.14087   7.657334  13.437013    0.567879
 0.000328  0.081848  13.328810
 0.28175   7.657334  13.437013    0.567879
 0.000328  0.153496  17.089017
 0.42262   7.657334  13.437013    0.567879
 0.000328  0.410911  23.731397
 0.56349   7.657334  13.437013    0.567879
 0.000328  0.659146  32.962073

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.250956  -41.294168   -0.591724
-0.001768   -0.333926   -61.987348
 0.14087   -1.250956  -41.294168   -0.591724
-0.001768   -0.085687   -50.383924
 0.28175   -1.250956  -41.294168   -0.591724
-0.001768   -0.156832   -39.540142
 0.42262   -1.250956  -41.294168   -0.591724
-0.001768   -0.395095   -31.233303
 0.56349   -1.250956  -41.294168   -0.591724
-0.001768   -0.633344   -25.122555

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.887456  14.512590    0.588904
 0.000494  0.330863   64.290937
 0.14087   10.887456  14.512590    0.588904
 0.000494  0.084530   86.987314
 0.28175   10.887456  14.512590    0.588904
 0.000494  0.225499   112.979714
 0.42262   10.887456  14.512590    0.588904
 0.000494  0.566773   141.937930
 0.56349   10.887456  14.512590    0.588904
 0.000494  0.909187   173.371091

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -1.203223  -92.588934   -0.816181
-0.001514   -0.460570   -56.217685
 0.14087   -1.203223  -92.588934   -0.816181
-0.001514   -0.118016   -46.733181
 0.28175   -1.203223  -92.588934   -0.816181
-0.001514   -0.163272   -37.759681
 0.42262   -1.203223  -92.588934   -0.816181
-0.001514   -0.410345   -30.605082
 0.56349   -1.203223  -92.588934   -0.816181
-0.001514   -0.657415   -25.557513

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   9.852658   93.285101    0.715655
 0.004152  0.502591  125.374500
 0.14087   9.852658   93.285101    0.715655
 0.004152  0.111938  113.730618
 0.28175   9.852658   93.285101    0.715655
 0.004152  0.263748  116.653965
 0.42262   9.852658   93.285101    0.715655
 0.004152  0.646833  132.609218
 0.56349   9.852658   93.285101    0.715655
 0.004152  1.044848  158.682117
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2857

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -7.562032  -82.196266   -0.948789
-0.004353   -0.547935   -49.495110
 0.14087   -7.562032  -82.196266   -0.948789
-0.004353   -0.150250   -40.098807
 0.28175   -7.562032  -82.196266   -0.948789
-0.004353   -0.197526   -46.595790
 0.42262   -7.562032  -82.196266   -0.948789
-0.004353   -0.497779   -60.210740
 0.56349   -7.562032  -82.196266   -0.948789
-0.004353   -0.798027   -86.068328

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   0.515545   67.816660    0.683673
 0.001308  0.385800   2.727845
 0.14087   0.515545   67.816660    0.683673
 0.001308  0.098178   2.934791
 0.28175   0.515545   67.816660    0.683673
 0.001308  0.288055   4.616220
 0.42262   0.515545   67.816660    0.683673
 0.001308  0.714908   9.376422
 0.56349   0.515545   67.816660    0.683673
 0.001308  1.141891   14.234087

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.998932  -11.818906   -1.017786
-4.29E-06   -0.565244   -32.844736
 0.14087   -8.998932  -11.818906   -1.017786
-4.29E-06   -0.138741   -57.775472
 0.28175   -8.998932  -11.818906   -1.017786
-4.29E-06   -0.188112   -83.394814
 0.42262   -8.998932  -11.818906   -1.017786
-4.29E-06   -0.475086  -111.579041
 0.56349   -8.998932  -11.818906   -1.017786
-4.29E-06   -0.762197  -139.878146

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   2.234882  158.386363    0.953407
 0.007839  0.554973  129.307741
 0.14087   2.234882  158.386363    0.953407
 0.007839  0.165533  103.455582
 0.28175   2.234882  158.386363    0.953407
 0.007839  0.422590   80.135459
 0.42262   2.234882  158.386363    0.953407
 0.007839  1.039643   77.044724
 0.56349   2.234882  158.386363    0.953407
 0.007839  1.673231   87.263778

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.992630  -32.807513   -1.516917
-0.006088   -0.875818   -22.764696
 0.14087  -14.992630  -32.807513   -1.516917
-0.006088   -0.241108   -52.899587
 0.28175  -14.992630  -32.807513   -1.516917
-0.006088   -0.261381   -84.007441
 0.42262  -14.992630  -32.807513   -1.516917
-0.006088   -0.661039  -122.204452
 0.56349  -14.992630  -32.807513   -1.516917
-0.006088   -1.060441  -185.390933

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   5.786483  131.234452    0.976382
 0.005949  0.562079  134.860641
 0.14087   5.786483  131.234452    0.976382
 0.005949  0.159787  135.825377
 0.28175   5.786483  131.234452    0.976382
 0.005949  0.485929  139.213508
 0.42262   5.786483  131.234452    0.976382
 0.005949  1.202562  157.527104
 0.56349   5.786483  131.234452    0.976382
 0.005949  1.931062  185.380439
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2858

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.939082  -72.813442   -1.741772
-0.004457   -0.992988   -21.152861
 0.14087  -12.939082  -72.813442   -1.741772
-0.004457   -0.263681   -49.534888
```

```
0.28175  -12.939082  -72.813442  -1.741772
-0.004457  -0.268091  -79.235748
0.42262  -12.939082  -72.813442  -1.741772
-0.004457  -0.677457  -113.603068
0.56349  -12.939082  -72.813442  -1.741772
-0.004457  -1.086230  -166.165669

COMB DL-G1-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.253976  113.701885    1.059667
 0.004975   0.606653  115.431880
0.14087    7.253976  113.701885    1.059667
 0.004975   0.168354  114.804811
0.28175    7.253976  113.701885    1.059667
 0.004975   0.517788  118.526126
0.42262    7.253976  113.701885    1.059667
 0.004975   1.286218  136.381514
0.56349    7.253976  113.701885    1.059667
 0.004975   2.064331  163.920294

COMB DL-G1-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -11.271763  -78.331092  -1.859152
-0.004219  -1.056389  -41.958293
0.14087  -11.271763  -78.331092  -1.859152
-0.004219  -0.277561  -59.127998
0.28175  -11.271763  -78.331092  -1.859152
-0.004219  -0.291379  -76.574647
0.42262  -11.271763  -78.331092  -1.859152
-0.004219  -0.735703  -103.392348
0.56349  -11.271763  -78.331092  -1.859152
-0.004219  -1.179579  -144.821205

COMB DL-G2-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    3.479523   53.593135    0.193296
 0.004476   0.120650  131.974382
0.14087    3.479523   53.593135    0.193296
 0.004476   0.047581  127.192502
0.28175    3.479523   53.593135    0.193296
 0.004476   0.128204  122.686553
0.42262    3.479523   53.593135    0.193296
 0.004476   0.313667  130.388598
0.56349    3.479523   53.593135    0.193296
 0.004476   0.510448  147.360441

COMB DL-G2-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -3.432641  -46.701098  -0.473830
-0.004265  -0.287460  -2.397502
0.14087   -3.432641  -46.701098  -0.473830
-0.004265  -0.089824  -1.534431
0.28175   -3.432641  -46.701098  -0.473830
-0.004265  -0.052332  -1.061200
0.42262   -3.432641  -46.701098  -0.473830
-0.004265  -0.132612  -2.927755
0.56349   -3.432641  -46.701098  -0.473830
-0.004265  -0.213396  -22.735874

COMB DL-G2-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.082607   53.133876    0.385188
 0.004457   0.270717  141.266802
0.14087    7.082607   53.133876    0.385188
 0.004457   0.073394  147.435850
0.28175    7.082607   53.133876    0.385188
 0.004457   0.257390  157.014453
0.42262    7.082607   53.133876    0.385188
 0.004457   0.636477  178.992402
0.56349    7.082607   53.133876    0.385188
 0.004457   1.026398  210.034649
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2859

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -3.791871  -80.406376  -0.934938
-0.004311  -0.543524  -11.664392
0.14087   -3.791871  -80.406376  -0.934938
-0.004311  -0.152730  -8.171011
0.28175   -3.791871  -80.406376  -0.934938
-0.004311  -0.106023  -6.620359
0.42262   -3.791871  -80.406376  -0.934938
-0.004311  -0.266890  -7.921137
0.56349   -3.791871  -80.406376  -0.934938
-0.004311  -0.427722  -27.136225

COMB DL-G2-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.911112  105.613679    0.827372
 0.003919   0.472975  137.062125
0.14087    6.911112  105.613679    0.827372
 0.003919   0.194017  127.406314
0.28175    6.911112  105.613679    0.827372
 0.003919   0.427088  139.812407
0.42262    6.911112  105.613679    0.827372
 0.003919   1.063274  164.580923
0.56349    6.911112  105.613679    0.827372
 0.003919   1.706472  195.748723

COMB DL-G2-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -9.464854  -79.850304  -1.536585
-0.002863  -0.871580  -15.435932
0.14087   -9.464854  -79.850304  -1.536585
-0.002863  -0.228951  -15.205818
0.28175   -9.464854  -79.850304  -1.536585
-0.002863  -0.226964  -39.872891
0.42262   -9.464854  -79.850304  -1.536585
-0.002863  -0.573781  -69.467070
0.56349   -9.464854  -79.850304  -1.536585
-0.002863  -0.920704  -111.211410

COMB DL-G2-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    8.317917   93.962807    0.967453
 0.003276   0.550705  119.551720
0.14087    8.317917   93.962807    0.967453
 0.003276   0.149203  109.007223
0.28175    8.317917   93.962807    0.967453
 0.003276   0.472452  116.461035
0.42262    8.317917   93.962807    0.967453
 0.003276   1.180829  136.265816
0.56349    8.317917   93.962807    0.967453
 0.003276   1.894464  162.299951

COMB DL-G2-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -8.172002  -81.208198  -1.704315
-0.003016  -0.965883  -44.933618
0.14087   -8.172002  -81.208198  -1.704315
-0.003016  -0.251718  -38.820432
0.28175   -8.172002  -81.208198  -1.704315
-0.003016  -0.226577  -53.110600
0.42262   -8.172002  -81.208198  -1.704315
-0.003016  -0.671367  -73.101642
0.56349   -8.172002  -81.208198  -1.704315
-0.003016  -1.076912  -103.591169

COMB DL-G3-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    4.168612   10.012873    0.444572
 1.08E-05   0.250520   9.937742
0.14087    4.168612   10.012873    0.444572
 1.08E-05   0.064226   6.079640
0.28175    4.168612   10.012873    0.444572
 1.08E-05   0.179113   2.539776
0.42262    4.168612   10.012873    0.444572
 1.08E-05   0.454506   1.553826
0.56349    4.168612   10.012873    0.444572
 1.08E-05   0.728776   2.284849
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2860

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.373449  -20.754404  -0.654583
-0.000952  -0.370161  -54.142110
0.14087   -0.373449  -20.754404  -0.654583
-0.000952  -0.094877  -45.828753
0.28175   -0.373449  -20.754404  -0.654583
-0.000952  -0.122400  -37.629399
0.42262   -0.373449  -20.754404  -0.654583
-0.000952  -0.308964  -31.631384
0.56349   -0.373449  -20.754404  -0.654583
-0.000952  -0.495425  -26.686240

COMB DL-G3-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    7.229533   15.347254    0.699667
 0.000258   0.394054   16.801337
0.14087    7.229533   15.347254    0.699667
 0.000258   0.101227   14.753792
0.28175    7.229533   15.347254    0.699667
 0.000258   0.311943   17.743078
0.42262    7.229533   15.347254    0.699667
 0.000258   0.787161   25.382939
0.56349    7.229533   15.347254    0.699667
 0.000258   1.260828   35.352282

COMB DL-G3-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.215526  -46.939687  -1.130973
-0.001635  -0.637200  -71.760809
0.14087   -1.215526  -46.939687  -1.130973
-0.001635  -0.162230  -57.401981
0.28175   -1.215526  -46.939687  -1.130973
-0.001635  -0.193288  -45.768336
0.42262   -1.215526  -46.939687  -1.130973
-0.001635  -0.486808  -37.829179
0.56349   -1.215526  -46.939687  -1.130973
-0.001635  -0.780318  -32.697565

COMB DL-G3-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   10.185144   13.394820    0.711061
 6.06E-05   0.399262   74.241457
0.14087   10.185144   13.394820    0.711061
 6.06E-05   0.101566   94.748207
0.28175   10.185144   13.394820    0.711061
 6.06E-05   0.371097  118.634232
0.42262   10.185144   13.394820    0.711061
 6.06E-05   0.935820  146.230791
0.56349   10.185144   13.394820    0.711061
 6.06E-05   1.499619  175.608072

COMB DL-G3-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.976385  -91.603882  -1.344928
-0.001207  -0.756408  -64.599162
0.14087   -0.976385  -91.603882  -1.344928
-0.001207  -0.191989  -52.776088
0.28175   -0.976385  -91.603882  -1.344928
-0.001207  -0.196269  -42.660787
0.42262   -0.976385  -91.603882  -1.344928
-0.001207  -0.494201  -35.720984
0.56349   -0.976385  -91.603882  -1.344928
-0.001207  -0.792573  -30.618018

COMB DL-G3-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    9.329520   83.562122    0.919773
 0.003164   0.524341  138.780806
0.14087    9.329520   83.562122    0.919773
 0.003164   0.143347  121.311134
0.28175    9.329520   83.562122    0.919773
 0.003164   0.449248  123.971060
0.42262    9.329520   83.562122    0.919773
 0.003164   1.122317  141.093194
0.56349    9.329520   83.562122    0.919773
 0.003164   1.801213  165.379880
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2861

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -6.420963  -83.005143   -1.623205
-0.003465  -0.923802  -56.882136
0.14087   -6.420963  -83.005143   -1.623205
-0.003465  -0.243173  -45.225260
0.28175   -6.420963  -83.005143   -1.623205
-0.003465  -0.252626  -47.845195
0.42262   -6.420963  -83.005143   -1.623205
-0.003465  -0.638018  -59.926745
0.56349   -6.420963  -83.005143   -1.623205
-0.003465  -1.023672  -84.241388

COMB      DB -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   10.887456  164.447365    0.814600
 0.007826   0.458618  134.173919
0.14087   10.887456  164.447365    0.814600
 0.007826   0.126413  139.658092
0.28175   10.887456  164.447365    0.814600
 0.007826   0.293346  148.470735
0.42262   10.887456  164.447365    0.814600
 0.007826   0.729035  171.875598
0.56349   10.887456  164.447365    0.814600
 0.007826   1.177596  205.992739

COMB      DB -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -16.063011  -92.588934   -1.069290
-0.006046  -0.617464  -61.987348
0.14087  -16.063011  -92.588934   -1.069290
-0.006046  -0.169270  -55.239063
0.28175  -16.063011  -92.588934   -1.069290
-0.006046  -0.224875  -85.327622
0.42262  -16.063011  -92.588934   -1.069290
-0.006046  -0.566649  -125.152915
0.56349  -16.063011  -92.588934   -1.069290
-0.006046  -0.908411  -185.913805

COMB      DL -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   10.185144  158.386363    1.059667
 0.007839   0.606653  141.266802
0.14087   10.185144  158.386363    1.059667
 0.007839   0.168354  147.435850
0.28175   10.185144  158.386363    1.059667
 0.007839   0.517788  157.014453
0.42262   10.185144  158.386363    1.059667
 0.007839   1.286218  178.992402
0.56349   10.185144  158.386363    1.059667
 0.007839   2.064331  210.034649

COMB      DL -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -14.992630  -91.603882   -1.859152
-0.006088  -1.056389  -71.760809
0.14087  -14.992630  -91.603882   -1.859152
-0.006088  -0.277561  -59.127998
0.28175  -14.992630  -91.603882   -1.859152
-0.006088  -0.291379  -84.607441
0.42262  -14.992630  -91.603882   -1.859152
-0.006088  -0.735703  -122.204452
0.56349  -14.992630  -91.603882   -1.859152
-0.006088  -1.179579  -185.390933

COMB      CAR -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   10.887456  164.447365    1.059667
 0.007839   0.606653  141.266802
0.14087   10.887456  164.447365    1.059667
 0.007839   0.168354  147.435850
0.28175   10.887456  164.447365    1.059667
 0.007839   0.517788  157.014453
0.42262   10.887456  164.447365    1.059667
 0.007839   1.286218  178.992402
0.56349   10.887456  164.447365    1.059667
 0.007839   2.064331  210.034649
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2862

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -16.063011  -92.588934   -1.859152
-0.006088  -1.056389  -71.760809
0.14087  -16.063011  -92.588934   -1.859152
-0.006088  -0.277561  -59.127998
0.28175  -16.063011  -92.588934   -1.859152
-0.006088  -0.291379  -85.327622
0.42262  -16.063011  -92.588934   -1.859152
-0.006088  -0.735703  -125.152915
0.56349  -16.063011  -92.588934   -1.859152
-0.006088  -1.179579  -185.913805

COMB     DESIGN -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   10.887456  164.447365    1.059667
 0.007839   0.606653  141.266802
0.14087   10.887456  164.447365    1.059667
 0.007839   0.168354  147.435850
0.28175   10.887456  164.447365    1.059667
 0.007839   0.517788  157.014453
0.42262   10.887456  164.447365    1.059667
 0.007839   1.286218  178.992402
0.56349   10.887456  164.447365    1.059667
 0.007839   2.064331  210.034649

COMB     DESIGN -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -16.063011  -92.588934   -1.859152
-0.006088  -1.056389  -71.760809
0.14087  -16.063011  -92.588934   -1.859152
-0.006088  -0.277561  -59.127998
0.28175  -16.063011  -92.588934   -1.859152
-0.006088  -0.291379  -85.327622
0.42262  -16.063011  -92.588934   -1.859152
-0.006088  -0.735703  -125.152915
0.56349  -16.063011  -92.588934   -1.859152
-0.006088  -1.179579  -185.913805

ELEM      264 ================== LENGTH
=     2.977605

COMB DB-G1-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    0.225339   75.810768    0.469155
 0.001034   0.523906   15.611351
0.57744    0.225339   75.810768    0.469155
 0.001034   0.327142   73.868077
0.71830    0.225339   75.810768    0.469155
 0.001034   0.130375   42.202651
0.85915    0.225339   75.810768    0.469155
 0.001034   0.067325   10.803226
1.00000    0.225339   75.810768    0.469155
 0.001034   0.270734   2.274020

COMB DB-G1-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659   -0.127582   -5.825889   -0.484961
-0.000378  -0.542843  -12.359843
0.57744   -0.127582   -5.825889   -0.484961
-0.000378  -0.339454  -10.096064
0.71830   -0.127582   -5.825889   -0.484961
-0.000378  -0.136092   -8.193785
0.85915   -0.127582   -5.825889   -0.484961
-0.000378  -0.066380   -6.429300
1.00000   -0.127582   -5.825889   -0.484961
-0.000378  -0.263150  -22.797246

COMB DB-G1-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    4.546584  107.487553    0.640457
 0.007376   0.705206  202.770900
0.57744    4.546584  107.487553    0.640457
 0.007376   0.436599  161.171379
0.71830    4.546584  107.487553    0.640457
 0.007376   0.171429  132.616559
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2863

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.85915    4.546584  107.487553    0.640457
 0.007376   0.125365  121.613331
1.00000    4.546584  107.487553    0.640457
 0.007376   0.424060  123.315879

COMB DB-G1-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659   -12.822563  -86.993672   -0.712383
-0.006596  -0.773527  -37.909811
0.57744   -12.822563  -86.993672   -0.712383
-0.006596  -0.474977  -16.390709
0.71830   -12.822563  -86.993672   -0.712383
-0.006596  -0.198613  -12.140261
0.85915   -12.822563  -86.993672   -0.712383
-0.006596  -0.112173   -9.385559
1.00000   -12.822563  -86.993672   -0.712383
-0.006596  -0.369225  -10.217936

COMB DB-G1-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    7.685295   96.937887    0.696808
 0.005511   0.772427  193.333713
0.57744    7.685295   96.937887    0.696808
 0.005511   0.480187  156.336775
0.71830    7.685295   96.937887    0.696808
 0.005511   0.190284  128.878238
0.85915    7.685295   96.937887    0.696808
 0.005511   0.123664  115.742434
1.00000    7.685295   96.937887    0.696808
 0.005511   0.450032  124.138488

COMB DB-G1-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659  -11.790714  -114.489519   -0.780754
-0.004974  -0.861454  -79.297752
0.57744  -11.790714  -114.489519   -0.780754
-0.004974  -0.534210  -40.564112
0.71830  -11.790714  -114.489519   -0.780754
-0.004974  -0.222064  -13.073336
0.85915  -11.790714  -114.489519   -0.780754
-0.004974  -0.112068   -9.726320
1.00000  -11.790714  -114.489519   -0.780754
-0.004974  -0.396534   -9.280511

COMB DB-G1-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    9.275987   82.809392    0.794682
 0.004576   0.882679  166.459415
0.57744    9.275987   82.809392    0.794682
 0.004576   0.549386  134.767212
0.71830    9.275987   82.809392    0.794682
 0.004576   0.218039  111.024266
0.85915    9.275987   82.809392    0.794682
 0.004576   0.133974   99.176628
1.00000    9.275987   82.809392    0.794682
 0.004576   0.496120  105.300236

COMB DB-G1-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659  -10.468618  -113.291571   -0.866441
-0.004413  -0.958848  -117.789867
0.57744  -10.468618  -113.291571   -0.866441
-0.004413  -0.595625   -78.267130
0.71830  -10.468618  -113.291571   -0.866441
-0.004413  -0.244916   -48.673758
0.85915  -10.468618  -113.291571   -0.866441
-0.004413  -0.123584   -39.092008
1.00000  -10.468618  -113.291571   -0.866441
-0.004413  -0.450474   -31.771827

COMB DB-G2-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    5.661176   9.796559    0.124095
0.005470   0.131599   55.317501
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2864

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.57744    5.661176   9.796559    0.124095
0.005470   0.079562   55.135184
0.71830    5.661176   9.796559    0.124095
0.005470   0.030416   66.244677
0.85915    5.661176   9.796559    0.124095
0.005470   0.049345   94.783651
1.00000    5.661176   9.796559    0.124095
0.005470   0.138119   134.652606

COMB DB-G2-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659   -0.748506  -98.728694   -0.211667
-0.005419  -0.219033  -39.432754
0.57744   -0.748506  -98.728694   -0.211667
-0.005419  -0.130470  -10.467751
0.71830   -0.748506  -98.728694   -0.211667
-0.005419  -0.060475   -3.119109
0.85915   -0.748506  -98.728694   -0.211667
-0.005419  -0.037795   -2.858911
1.00000   -0.748506  -98.728694   -0.211667
-0.005419  -0.076547   -1.818310

COMB DB-G2-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    9.857277   9.582060    0.329731
0.005201   0.361135   58.569284
0.57744    9.857277   9.582060    0.329731
0.005201   0.222841   58.673945
0.71830    9.857277   9.582060    0.329731
0.005201   0.084544   69.706007
0.85915    9.857277   9.582060    0.329731
0.005201   0.075167   97.006489
1.00000    9.857277   9.582060    0.329731
0.005201   0.244637   140.788972

COMB DB-G2-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659   -1.442384  -134.015037   -0.408201
-0.005455  -0.442114   -97.544526
0.57744   -1.442384  -134.015037   -0.408201
-0.005455  -0.271132   -52.173205
0.71830   -1.442384  -134.015037   -0.408201
-0.005455  -0.117424   -20.488447
0.85915   -1.442384  -134.015037   -0.408201
-0.005455  -0.062660   -15.355857
1.00000   -1.442384  -134.015037   -0.408201
-0.005455  -0.192010   -11.095616

COMB DB-G2-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659    9.025774   84.766897    0.609763
 0.004365   0.676193   201.189879
0.57744    9.025774   84.766897    0.609763
 0.004365   0.420454   168.940957
0.71830    9.025774   84.766897    0.609763
 0.004365   0.166578   144.702515
0.85915    9.025774   84.766897    0.609763
 0.004365   0.107453   132.799017
1.00000    9.025774   84.766897    0.609763
 0.004365   0.392642   136.428559

COMB DB-G2-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43659   -9.288248  -114.936874   -0.684011
-0.004104  -0.756282   -94.365185
0.57744   -9.288248  -114.936874   -0.684011
-0.004104  -0.469556   -53.888283
0.71830   -9.288248  -114.936874   -0.684011
-0.004104  -0.195055   -23.970840
0.85915   -9.288248  -114.936874   -0.684011
-0.004104  -0.097289   -18.217063
1.00000   -9.288248  -114.936874   -0.684011
-0.004104  -0.346720   -13.104284
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                2865

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43659   10.385666   73.309435    0.739994
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 0.003654    0.822569  175.082437
 0.57744   10.385666   73.309435    0.739994
 0.003654    0.512213  147.093019
 0.71830   10.385666   73.309435    0.739994
 0.003654    0.203387  125.860800
 0.85915   10.385666   73.309435    0.739994
 0.003654    0.122445  114.827633
 1.00000   10.385666   73.309435    0.739994
 0.003654    0.457756  116.772721

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -7.913870 -110.360007   -0.802697
-0.003695   -0.890017 -133.324052
 0.57744   -7.913870 -110.360007   -0.802697
-0.003695   -0.553502  -93.576048
 0.71830   -7.913870 -110.360007   -0.802697
-0.003695   -0.227178  -62.373567
 0.85915   -7.913870 -110.360007   -0.802697
-0.003695   -0.113668  -51.516469
 1.00000   -7.913870 -110.360007   -0.802697
-0.003695   -0.418825  -41.349414

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   4.574683    4.706586    0.365816
1.03E-05   0.408905   13.342678
 0.57744   4.574683    4.706586    0.365816
1.03E-05   0.255481   11.377401
 0.71830   4.574683    4.706586    0.365816
1.03E-05   0.102052    9.455532
 0.85915   4.574683    4.706586    0.365816
1.03E-05   0.052209    7.563732
 1.00000   4.574683    4.706586    0.365816
1.03E-05   0.206495    5.722688

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -0.112257  -21.305271   -0.368005
-0.000401   -0.410875  -85.964055
 0.57744   -0.112257  -21.305271   -0.368005
-0.000401   -0.256533  -77.122613
 0.71830   -0.112257  -21.305271   -0.368005
-0.000401   -0.102211  -68.347134
 0.85915   -0.112257  -21.305271   -0.368005
-0.000401   -0.051305  -59.579677
 1.00000   -0.112257  -21.305271   -0.368005
-0.000401   -0.204790  -50.837437

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   8.273435    6.511511    0.589137
 0.000238  0.657768   18.743269
 0.57744   8.273435    6.511511    0.589137
 0.000238  0.410680   16.405742
 0.71830   8.273435    6.511511    0.589137
 0.000238  0.163686   14.560065
 0.85915   8.273435    6.511511    0.589137
 0.000238  0.087294   13.356686
 1.00000   8.273435    6.511511    0.589137
 0.000238  0.334558   12.854600

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -1.128218   -49.803861   -0.594493
-0.000944   -0.662832  -142.637405
 0.57744   -1.128218   -49.803861   -0.594493
-0.000944   -0.413505  -122.723520
 0.71830   -1.128218   -49.803861   -0.594493
-0.000944   -0.164865  -103.867521
 0.85915   -1.128218   -49.803861   -0.594493
-0.000944   -0.083789   -85.272835
 1.00000   -1.128218   -49.803861   -0.594493
-0.000944   -0.330555   -67.734187
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2866

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.314424    6.994920    0.619208
 0.000647  0.690525   41.270720
 0.57744   11.314424    6.994920    0.619208
 0.000647  0.430826   40.185124
 0.71830   11.314424    6.994920    0.619208
 0.000647  0.171303   40.935156
 0.85915   11.314424    6.994920    0.619208
 0.000647  0.091208   46.121743
 1.000000  11.314424    6.994920    0.619208
 0.000647  0.367395   66.874626

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -0.867680  -101.064607   -0.661340
-0.001330   -0.742293  -165.405431
 0.57744   -0.867680  -101.064607   -0.661340
-0.001330   -0.464954  -123.985074
 0.71830   -0.867680  -101.064607   -0.661340
-0.001330   -0.188737   -86.443947
 0.85915   -0.867680  -101.064607   -0.661340
-0.001330   -0.089079   -73.413403
 1.00000   -0.867680  -101.064607   -0.661340
-0.001330   -0.348249   -60.907342

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.709714   57.108654    0.717368
 0.003930  0.796721   154.885826
 0.57744   11.709714   57.108654    0.717368
 0.003930  0.495883   133.927555
 0.71830   11.709714   57.108654    0.717368
 0.003930  0.196868   120.699381
 0.85915   11.709714   57.108654    0.717368
 0.003930  0.122413   119.177018
 1.00000   11.709714   57.108654    0.717368
 0.003930  0.448228   130.290175

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -5.528444  -118.050118   -0.781062
-0.004192   -0.863450  -149.881807
 0.57744   -5.528444  -118.050118   -0.781062
-0.004192   -0.536027  -106.040784
 0.71830   -5.528444  -118.050118   -0.781062
-0.004192   -0.220691   -75.994559
 0.85915   -5.528444  -118.050118   -0.781062
-0.004192   -0.112057   -64.029151
 1.00000   -5.528444  -118.050118   -0.781062
-0.004192   -0.406750   -52.707493

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   0.276676    76.548197    0.601291
 0.000942  0.670422   103.762589
 0.57744   0.276676    76.548197    0.601291
 0.000942  0.418815   71.907954
 0.71830   0.276676    76.548197    0.601291
 0.000942  0.165868   40.373435
 0.85915   0.276676    76.548197    0.601291
 0.000942  0.134406   10.214570
 1.00000   0.276676    76.548197    0.601291
 0.000942  0.507823    2.623588

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -10.240377   -6.810974   -0.890275
-0.000303   -0.985448  -15.662860
 0.57744   -10.240377   -6.810974   -0.890275
-0.000303   -0.612141  -13.046391
 0.71830   -10.240377   -6.810974   -0.890275
-0.000303   -0.238728  -10.938404
 0.85915   -10.240377   -6.810974   -0.890275
-0.000303   -0.085650  -10.017093
 1.00000   -10.240377   -6.810974   -0.890275
-0.000303   -0.338630  -30.788913
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2867

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   5.303403  106.881086    0.847498
 0.007232  0.934800  208.054509
 0.57744   5.303403  106.881086    0.847498
 0.007232  0.581169  168.852530
 0.71830   5.303403  106.881086    0.847498
 0.007232  0.227722  142.166830
 0.85915   5.303403  106.881086    0.847498
 0.007232  0.210888  131.285591
 1.00000   5.303403  106.881086    0.847498
 0.007232  0.723023  134.433702

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -12.502063  -84.610197   -1.223082
-0.006515   -1.330683  -45.172304
 0.57744  -12.502063  -84.610197   -1.223082
-0.006515   -0.619092  -19.798826
 0.71830  -12.502063  -84.610197   -1.223082
-0.006515   -0.329473  -14.731609
 0.85915  -12.502063  -84.610197   -1.223082
-0.006515   -0.147901  -11.571039
 1.00000  -12.502063  -84.610197   -1.223082
-0.006515   -0.491039  -18.987916

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   7.732030   95.856635    0.892261
 0.005525  0.988266  194.057911
 0.57744   7.732030   95.856635    0.892261
 0.005525  0.615154  159.983671
 0.71830   7.732030   95.856635    0.892261
 0.005525  0.242716  136.719843
 0.85915   7.732030   95.856635    0.892261
 0.005525  0.218480  131.996981
 1.00000   7.732030   95.856635    0.892261
 0.005525  0.782341  143.351583

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -11.487015  -109.296840   -1.350347
-0.005010   -1.483986  -176.770305
 0.57744  -11.487015  -109.296840   -1.350347
-0.005010   -0.918595  -39.839049
 0.71830  -11.487015  -109.296840   -1.350347
-0.005010   -0.369229  -18.085530
 0.85915  -11.487015  -109.296840   -1.350347
-0.005010   -0.146568  -11.854609
 1.00000  -11.487015  -109.296840   -1.350347
-0.005010   -0.511960  -17.062586

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   9.054805   82.328915    1.010751
 0.004588  1.121885  168.308131
 0.57744   9.054805   82.328915    1.010751
 0.004588  0.698816  138.884594
 0.71830   9.054805   82.328915    1.010751
 0.004588  0.276281  118.470470
 0.85915   9.054805   82.328915    1.010751
 0.004588  0.232805  113.414461
 1.00000   9.054805   82.328915    1.010751
 0.004588  0.852980  121.713693

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -10.244630  -112.015541   -1.485033
-0.004396   -1.639029  -123.701832
 0.57744  -10.244630  -112.015541   -1.485033
-0.004396   -1.017119   -84.323134
 0.71830  -10.244630  -112.015541   -1.485033
-0.004396   -0.408093   -57.092080
 0.85915  -10.244630  -112.015541   -1.485033
-0.004396   -0.160090   -44.349718
 1.00000  -10.244630  -112.015541   -1.485033
-0.004396   -0.576831   -40.365828
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2868

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   5.801173   10.461172    0.176342
 0.004585  0.127226   64.186296
 0.57744   5.801173   10.461172    0.176342
 0.004585  0.113924   66.228721
 0.71830   5.801173   10.461172    0.176342
 0.004585  0.042217   79.638504
 0.85915   5.801173   10.461172    0.176342
 0.004585  0.056704  106.732696
 1.00000   5.801173   10.461172    0.176342
 0.004585  0.168858  139.498250

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -0.750908  -86.265943   -0.268487
-0.004534   -0.283578  -38.967169
 0.57744   -0.750908  -86.265943   -0.268487
-0.004534   -0.171954  -11.949094
 0.71830   -0.750908  -86.265943   -0.268487
-0.004534   -0.075841   -3.415368
 0.85915   -0.750908  -86.265943   -0.268487
-0.004534   -0.046672   -2.607879
 1.00000   -0.750908  -86.265943   -0.268487
-0.004534   -0.111413   -1.828328

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   9.163622   10.398908    0.399248
 0.004467  0.438594   64.177027
 0.57744   9.163622   10.398908    0.399248
 0.004467  0.271987   66.307654
 0.71830   9.163622   10.398908    0.399248
 0.004467  0.106699   79.488457
 0.85915   9.163622   10.398908    0.399248
 0.004467  0.109531  111.476770
 1.00000   9.163622   10.398908    0.399248
 0.004467  0.373156  150.667841

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -1.488240  -120.776989   -0.637557
-0.004662   -0.697503   -90.733534
 0.57744   -1.488240  -120.776989   -0.637557
-0.004662   -0.431095   -49.196455
 0.71830   -1.488240  -120.776989   -0.637557
-0.004662   -0.179445   -27.779714
 0.85915   -1.488240  -120.776989   -0.637557
-0.004662   -0.075969   -15.284308
 1.00000   -1.488240  -120.776989   -0.637557
-0.004662   -0.234911   -10.403284

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   8.332652   84.077131    0.763734
 0.003506  0.848107  208.116530
 0.57744   8.332652   84.077131    0.763734
 0.003506  0.528298  178.037392
 0.71830   8.332652   84.077131    0.763734
 0.003506  0.209196  156.114986
 0.85915   8.332652   84.077131    0.763734
 0.003506  0.178370  148.826027
 1.00000   8.332652   84.077131    0.763734
 0.003506  0.654773  148.209993

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -8.751341  -102.984720   -1.146041
-0.003277   -1.267913   -89.333210
 0.57744   -8.751341  -102.984720   -1.146041
-0.003277   -0.787978   -52.899545
 0.71830   -8.751341  -102.984720   -1.146041
-0.003277   -0.317545   -27.170086
 0.85915   -8.751341  -102.984720   -1.146041
-0.003277   -0.120800   -19.005959
 1.00000   -8.751341  -102.984720   -1.146041
-0.003277   -0.356693   -12.988173
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2869

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   9.844389   73.404954    0.938284
 0.002938  1.043846  182.813884
 0.57744   9.844389   73.404954    0.938284
 0.002938  0.650745  156.349388
 0.71830   9.844389   73.404954    0.938284
 0.002938  0.258082  136.672603
 0.85915   9.844389   73.404954    0.938284
 0.002938  0.199527  129.323982
 1.00000   9.844389   73.404954    0.938284
 0.002938  0.754597  127.551859

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -7.496398  -104.837489   -1.330654
-0.002972   -1.477965  -141.890832
 0.57744   -7.496398  -104.837489   -1.330654
-0.002972   -0.920671  -103.700575
 0.71830   -7.496398  -104.837489   -1.330654
-0.002972   -0.370816   -74.425878
 0.85915   -7.496398  -104.837489   -1.330654
-0.002972   -0.143292   -59.699395
 1.00000   -7.496398  -104.837489   -1.330654
-0.002972   -0.532337   -47.042843

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   4.947814    5.902666    0.481714
 7.87E-06  0.538008   16.879063
 0.57744   4.947814    5.902666    0.481714
 7.87E-06  0.336002   14.423744
 0.71830   4.947814    5.902666    0.481714
 7.87E-06  0.133918   11.977872
 0.85915   4.947814    5.902666    0.481714
 7.87E-06  0.076419    9.552819
 1.00000   4.947814    5.902666    0.481714
 7.87E-06  0.317432    7.221108

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -0.151435  -27.630427   -0.572537
-0.000349   -0.403858  -114.647902
 0.57744   -0.151435  -27.630427   -0.572537
-0.000349   -0.403701   -96.161494
 0.71830   -0.151435  -27.630427   -0.572537
-0.000349   -0.162832   -84.688032
 0.85915   -0.151435  -27.630427   -0.572537
-0.000349   -0.067921   -73.254917
 1.00000   -0.151435  -27.630427   -0.572537
-0.000349   -0.269730   -61.896982

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   8.122048    7.977608    0.762068
 0.000165  0.850546   23.087902
 0.57744   8.122048    7.977608    0.762068
 0.000165  0.530984   19.987239
 0.71830   8.122048    7.977608    0.762068
 0.000165  0.211203   17.185633
 0.85915   8.122048    7.977608    0.762068
 0.000165  0.172727   14.994742
 1.00000   8.122048    7.977608    0.762068
 0.000165  0.545976   14.066428

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -1.278200   -57.992283   -0.978640
-0.000772   -1.096218  -169.042735
 0.57744   -1.278200   -57.992283   -0.978640
-0.000772   -0.686265  -145.313415
 0.71830   -1.278200   -57.992283   -0.978640
-0.000772   -0.275476  -122.278945
 0.85915   -1.278200   -57.992283   -0.978640
-0.000772   -0.108731  -100.225745
 1.00000   -1.278200   -57.992283   -0.978640
-0.000772   -0.428170   -79.323540
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2870

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   10.737472    7.945181    0.760490
 0.000298  0.948902   44.413453
 0.57744   10.737472    7.945181    0.760490
 0.000298  0.529953   44.450983
 0.71830   10.737472    7.945181    0.760490
 0.000298  0.210853   47.871363
 0.85915   10.737472    7.945181    0.760490
 0.000298  0.141722   59.517743
 1.000000  10.737472    7.945181    0.760490
 0.000298  0.579669   78.044445

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -0.947757  -100.038637   -1.046263
-0.000861   -1.175810  -179.852845
 0.57744   -0.947757  -100.038637   -1.046263
-0.000861   -0.737225  -140.910605
 0.71830   -0.947757  -100.038637   -1.046263
-0.000861   -0.297905  -105.044443
 0.85915   -0.947757  -100.038637   -1.046263
-0.000861   -0.108899   -87.518409
 1.00000   -0.947757  -100.038637   -1.046263
-0.000861   -0.427671   -71.186271

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.280224   58.184339    0.916336
 0.002937  1.019187  166.435080
 0.57744   11.280224   58.184339    0.916336
 0.002937  0.635403  146.600049
 0.71830   11.280224   58.184339    0.916336
 0.002937  0.251903  134.039648
 0.85915   11.280224   58.184339    0.916336
 0.002937  0.185748  134.013082
 1.00000   11.280224   58.184339    0.916336
 0.002937  0.710391  139.609202

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   -5.274464  -111.089979   -1.254974
-0.003147   -1.396108  -163.460234
 0.57744   -5.274464  -111.089979   -1.254974
-0.003147   -0.870509  -122.993882
 0.71830   -5.274464  -111.089979   -1.254974
-0.003147   -0.352715   -92.127199
 0.85915   -5.274464  -111.089979   -1.254974
-0.003147   -0.141039   -76.270908
 1.00000   -5.274464  -111.089979   -1.254974
-0.003147   -0.520266   -61.559346

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.709714  107.487553    0.794682
 0.007376  0.882679   202.770900
 0.57744   11.709714  107.487553    0.794682
 0.007376  0.549386   168.940957
 0.71830   11.709714  107.487553    0.794682
 0.007376  0.218039   144.702515
 0.85915   11.709714  107.487553    0.794682
 0.007376  0.133974   132.799017
 1.00000   11.709714  107.487553    0.794682
 0.007376  0.496120   140.788972

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -12.822563  -134.015037   -0.866441
-0.006596   -0.958848  -165.405431
 0.57744  -12.822563  -134.015037   -0.866441
-0.006596   -0.598625  -123.995074
 0.71830  -12.822563  -134.015037   -0.866441
-0.006596   -0.244916  -103.867521
 0.85915  -12.822563  -134.015037   -0.866441
-0.006596   -0.123584   -85.272835
 1.00000  -12.822563  -134.015037   -0.866441
-0.006596   -0.450474   -67.734187
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2871

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.280224  106.881086    1.010751
 0.007232  1.121885   208.116530
 0.57744   11.280224  106.881086    1.010751
 0.007232  0.698816   178.037392
 0.71830   11.280224  106.881086    1.010751
 0.007232  0.276281   156.114986
 0.85915   11.280224  106.881086    1.010751
 0.007232  0.232805   148.826027
 1.00000   11.280224  106.881086    1.010751
 0.007232  0.852980   150.667841

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -12.502063  -120.776989   -1.485033
-0.006515   -1.639029  -179.852845
 0.57744  -12.502063  -120.776989   -1.485033
-0.006515   -1.017119  -145.313415
 0.71830  -12.502063  -120.776989   -1.485033
-0.006515   -0.408093  -122.278945
 0.85915  -12.502063  -120.776989   -1.485033
-0.006515   -0.160090  -100.225745
 1.00000  -12.502063  -120.776989   -1.485033
-0.006515   -0.576831   -79.323540

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.709714  107.487553    1.010751
 0.007376  1.121885   208.116530
 0.57744   11.709714  107.487553    1.010751
 0.007376  0.698816   178.037392
 0.71830   11.709714  107.487553    1.010751
 0.007376  0.276281   156.114986
 0.85915   11.709714  107.487553    1.010751
 0.007376  0.232805   148.826027
 1.00000   11.709714  107.487553    1.010751
 0.007376  0.852980   150.667841

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -12.822563  -134.015037   -1.485033
-0.006596   -1.639029  -179.852845
 0.57744  -12.822563  -134.015037   -1.485033
-0.006596   -1.017119  -145.313415
 0.71830  -12.822563  -134.015037   -1.485033
-0.006596   -0.408093  -122.278945
 0.85915  -12.822563  -134.015037   -1.485033
-0.006596   -0.160090  -100.225745
 1.00000  -12.822563  -134.015037   -1.485033
-0.006596   -0.576831   -79.323540

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43659   11.709714  107.487553    1.010751
 0.007376  1.121885   208.116530
 0.57744   11.709714  107.487553    1.010751
 0.007376  0.698816   178.037392
 0.71830   11.709714  107.487553    1.010751
 0.007376  0.276281   156.114986
 0.85915   11.709714  107.487553    1.010751
 0.007376  0.232805   148.826027
 1.00000   11.709714  107.487553    1.010751
 0.007376  0.852980   150.667841

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43659  -12.822563  -134.015037   -1.485033
-0.006596   -1.639029  -179.852845
 0.57744  -12.822563  -134.015037   -1.485033
-0.006596   -1.017119  -145.313415
 0.71830  -12.822563  -134.015037   -1.485033
-0.006596   -0.408093  -122.278945
 0.85915  -12.822563  -134.015037   -1.485033
-0.006596   -0.160090  -100.225745
 1.00000  -12.822563  -134.015037   -1.485033
-0.006596   -0.576831   -79.323540
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   2872
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 265 ========== LENGTH = 2.977767

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228983	75.356201	0.475072
0.000934	0.268051	2.271347	
0.14086	0.228983	75.356201	0.475072
0.000934	0.068769	2.743764	
0.28172	0.228983	75.356201	0.475072
0.000934	0.136711	3.380186	
0.42257	0.228983	75.356201	0.475072
0.000934	0.346696	5.067342	
0.56343	0.228983	75.356201	0.475072
0.000934	0.556699	7.343571	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.079071	-5.790686	-0.500674
-0.000202	-0.283316	-22.833493	
0.14086	-10.079071	-5.790686	-0.500674
-0.000202	-0.073215	-54.095023	
0.28172	-10.079071	-5.790686	-0.500674
-0.000202	-0.130723	-95.600443	
0.42257	-10.079071	-5.790686	-0.500674
-0.000202	-0.329895	-117.116372	
0.56343	-10.079071	-5.790686	-0.500674
-0.000202	-0.529057	-148.671166	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.000595	172.451487	0.621108
0.007383	0.361391	123.668448	
0.14086	2.000595	172.451487	0.621108
0.007383	0.113656	96.500914	
0.28172	2.000595	172.451487	0.621108
0.007383	0.200085	73.995670	
0.42257	2.000595	172.451487	0.621108
0.007383	0.484519	68.498814	
0.56343	2.000595	172.451487	0.621108
0.007383	0.792221	76.008660	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.948638	-26.645053	-0.734058
-0.006377	-0.440731	-10.257870	
0.14086	-16.948638	-26.645053	-0.734058
-0.006377	-0.113532	-49.842641	
0.28172	-16.948638	-26.645053	-0.734058
-0.006377	-0.171706	-89.686442	
0.42257	-16.948638	-26.645053	-0.734058
-0.006377	-0.430800	-131.766936	
0.56343	-16.948638	-26.645053	-0.734058
-0.006377	-0.691259	-195.196757	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.048299	140.982782	0.692274
0.005389	0.297063	124.345066	
0.14086	6.048299	140.982782	0.692274
0.005389	0.115290	130.194473	
0.28172	6.048299	140.982782	0.692274
0.005389	0.226387	136.616385	
0.42257	6.048299	140.982782	0.692274
0.005389	0.559476	156.115248	
0.56343	6.048299	140.982782	0.692274
0.005389	0.908394	184.535703	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.563687	-73.925938	-0.832174
-0.004528	-0.488739	-9.314064	
0.14086	-14.563687	-73.925938	-0.832174
-0.004528	-0.140129	-45.902868	
0.28172	-14.563687	-73.925938	-0.832174
-0.004528	-0.190856	-82.657986	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2873
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42257	-14.563687	-73.925938	-0.832174
-0.004528	-0.481236	-120.885676	
0.56343	-14.563687	-73.925938	-0.832174
-0.004528	-0.771604	-173.566368	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.956516	119.360329	0.792460
0.004626	0.452074	105.477460	
0.14086	7.956516	119.360329	0.792460
0.004626	0.126783	109.938021	
0.28172	7.956516	119.360329	0.792460
0.004626	0.248604	117.212854	
0.42257	7.956516	119.360329	0.792460
0.004626	0.616812	136.236608	
0.56343	7.956516	119.360329	0.792460
0.004626	0.998151	165.729331	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.768555	-79.859874	-0.909408
-0.004100	-0.528401	-31.814871	
0.14086	-12.768555	-79.859874	-0.909408
-0.004100	-0.147273	-55.381447	
0.28172	-12.768555	-79.859874	-0.909408
-0.004100	-0.218666	-79.876626	
0.42257	-12.768555	-79.859874	-0.909408
-0.004100	-0.551063	-106.567909	
0.56343	-12.768555	-79.859874	-0.909408
-0.004100	-0.883457	-146.581433	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.577479	64.774842	0.110516
0.005221	0.071024	134.933384	
0.14086	3.577479	64.774842	0.110516
0.005221	0.035309	126.612973	
0.28172	3.577479	64.774842	0.110516
0.005221	0.062750	118.567035	
0.42257	3.577479	64.774842	0.110516
0.005221	0.140430	125.507481	
0.56343	3.577479	64.774842	0.110516
0.005221	0.237590	143.052544	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.248731	-48.538960	-0.232023
-0.005102	-0.152845	-1.812280	
0.14086	-4.248731	-48.538960	-0.232023
-0.005102	-0.056186	-1.193147	
0.28172	-4.248731	-48.538960	-0.232023
-0.005102	-0.030530	-0.693424	
0.42257	-4.248731	-48.538960	-0.232023
-0.005102	-0.076891	-2.029461	
0.56343	-4.248731	-48.538960	-0.232023
-0.005102	-0.123248	-21.189346	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.992981	60.750322	0.314247
0.005126	0.184353	141.033133	
0.14086	7.992981	60.750322	0.314247
0.005126	0.062407	147.129194	
0.28172	7.992981	60.750322	0.314247
0.005126	0.121598	156.398401	
0.42257	7.992981	60.750322	0.314247
0.005126	0.290730	180.093384	
0.56343	7.992981	60.750322	0.314247
0.005126	0.477988	214.284290	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.686820	-87.756251	-0.446789
-0.004972	-0.272691	-11.095307	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2874
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	-4.686820	-87.756251	-0.446789
-0.004972	-0.085672	-6.903578	
0.28172	-4.686820	-87.756251	-0.446789
-0.004972	-0.087488	-3.914925	
0.42257	-4.686820	-87.756251	-0.446789
-0.004972	-0.219297	-3.941979	
0.56343	-4.686820	-87.756251	-0.446789
-0.004972	-0.351111	-21.958440	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.736452	120.326211	0.605508
0.004468	0.346623	136.559418	
0.14086	7.736452	120.326211	0.605508
0.004468	0.099589	127.585095	
0.28172	7.736452	120.326211	0.605508
0.004468	0.199232	138.873536	
0.42257	7.736452	120.326211	0.605508
0.004468	0.493175	162.776710	
0.56343	7.736452	120.326211	0.605508
0.004468	0.799940	194.969078	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.525301	-82.388340	-0.731607
-0.003811	-0.428285	-13.096940	
0.14086	-11.525301	-82.388340	-0.731607
-0.003811	-0.121794	-14.846154	
0.28172	-11.525301	-82.388340	-0.731607
-0.003811	-0.167086	-44.422966	
0.42257	-11.525301	-82.388340	-0.731607
-0.003811	-0.421106	-76.406114	
0.56343	-11.525301	-82.388340	-0.731607
-0.003811	-0.675086	-121.421644	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.343750	103.107441	0.739452
0.003721	0.421135	116.887180	
0.14086	9.343750	103.107441	0.739452
0.003721	0.116730	108.270726	
0.28172	9.343750	103.107441	0.739452
0.003721	0.230794	116.100092	
0.42257	9.343750	103.107441	0.739452
0.003721	0.573750	134.913645	
0.56343	9.343750	103.107441	0.739452
0.003721	0.927402	162.686157	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.788933	-83.179384	-0.843351
-0.003642	-0.488181	-41.356680	
0.14086	-9.788933	-83.179384	-0.843351
-0.003642	-0.134682	-36.899188	
0.28172	-9.788933	-83.179384	-0.843351
-0.003642	-0.203975	-55.417431	
0.42257	-9.788933	-83.179384	-0.843351
-0.003642	-0.514199	-75.733077	
0.56343	-9.788933	-83.179384	-0.843351
-0.003642	-0.824359	-106.723400	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.630408	4.786696	0.371517
1.76E-05	0.209346	5.729938	
0.14086	4.630408	4.786696	0.371517
1.76E-05	0.053506	4.009241	
0.28172	4.630408	4.786696	0.371517
1.76E-05	0.102371	2.515664	
0.42257	4.630408	4.786696	0.371517
1.76E-05	0.257127	1.446730	
0.56343	4.630408	4.786696	0.371517
1.76E-05	0.411901	1.837820	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2875
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.112879	-21.373194	-0.369001
-0.000684	-0.207198	-50.857554	
0.14086	-0.112879	-21.373194	-0.369001
-0.000684	-0.052333	-42.289116	
0.28172	-0.112879	-21.373194	-0.369001
-0.000684	-0.102615	-33.282165	
0.42257	-0.112879	-21.373194	-0.369001
-0.000684	-0.258153	-25.411762	
0.56343	-0.112879	-21.373194	-0.369001
-0.000684	-0.413982	-17.028519	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.298184	8.640028	0.594152
0.000442	0.334627	12.873715	
0.14086	8.298184	8.640028	0.594152
0.000442	0.085770	13.544614	
0.28172	8.298184	8.640028	0.594152
0.000442	0.165157	19.072547	
0.42257	8.298184	8.640028	0.594152
0.000442	0.413947	26.318262	
0.56343	8.298184	8.640028	0.594152
0.000442	0.663459	36.276449	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.251341	-48.383631	-0.594873
-0.001384	-0.334634	-67.769216	
0.14086	-1.251341	-48.383631	-0.594873
-0.001384	-0.085041	-53.124895	
0.28172	-1.251341	-48.383631	-0.594873
-0.001384	-0.164104	-39.889278	
0.42257	-1.251341	-48.383631	-0.594873
-0.001384	-0.413338	-28.393669	
0.56343	-1.251341	-48.383631	-0.594873
-0.001384	-0.662553	-19.352722	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.373998	10.367035	0.619126
0.000553	0.348174	66.864844	
0.14086	11.373998	10.367035	0.619126
0.000553	0.089078	91.657626	
0.28172	11.373998	10.367035	0.619126
0.000553	0.192675	119.216762	
0.42257	11.373998	10.367035	0.619126
0.000553	0.485423	148.591787	
0.56343	11.373998	10.367035	0.619126
0.000553	0.779343	180.525570	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.051223	-98.922522	-0.700751
-0.001203	-0.139624	-60.930005	
0.14086	-1.051223	-98.922522	-0.700751
-0.001203	-0.102454	-48.427058	
0.28172	-1.051223	-98.922522	-0.700751
-0.001203	-0.171728	-36.856593	
0.42257	-1.051223	-98.922522	-0.700751
-0.001203	-0.431418	-26.550064	
0.56343	-1.051223	-98.922522	-0.700751
-0.001203	-0.691109	-18.551755	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.462111	92.538888	0.715537
0.004044	0.408594	130.445487	
0.14086	10.462111	92.538888	0.715537
0.004044	0.115286	118.867244	
0.28172	10.462111	92.538888	0.715537
0.004044	0.224183	122.132493	
0.42257	10.462111	92.538888	0.715537
0.004044	0.554365	137.821741	
0.56343	10.462111	92.538888	0.715537
0.004044	0.897228	162.763851	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2876
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.759276	-85.799401	-0.817676
-0.004237	-0.475379	-52.720332	
0.14086	-7.759276	-85.799401	-0.817676
-0.004237	-0.132777	-41.420221	
0.28172	-7.759276	-85.799401	-0.817676
-0.004237	-0.197433	-45.919197	
0.42257	-7.759276	-85.799401	-0.817676
-0.004237	-0.497592	-57.538252	
0.56343	-7.759276	-85.799401	-0.817676
-0.004237	-0.797694	-81.742822	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.282668	76.218751	0.602128
0.000830	0.339096	2.620062	
0.14086	0.282668	76.218751	0.602128
0.000830	0.085916	2.993988	
0.28172	0.282668	76.218751	0.602128
0.000830	0.238720	3.567085	
0.42257	0.282668	76.218751	0.602128
0.000830	0.587601	5.303157	
0.56343	0.282668	76.218751	0.602128
0.000830	0.936428	8.024958	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.206331	-6.807263	-0.831909
-0.000191	-0.459049	-30.822210	
0.14086	-10.206331	-6.807263	-0.831909
-0.000191	-0.110312	-60.868206	
0.28172	-10.206331	-6.807263	-0.831909
-0.000191	-0.166155	-91.039021	
0.42257	-10.206331	-6.807263	-0.831909
-0.000191	-0.388417	-121.349788	
0.56343	-10.206331	-6.807263	-0.831909
-0.000191	-0.671569	-153.744422	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.291836	169.215849	0.826027
0.007294	0.496193	134.469711	
0.14086	2.291836	169.215849	0.826027
0.007294	0.151127	108.057379	
0.28172	2.291836	169.215849	0.826027
0.007294	0.301146	82.319530	
0.42257	2.291836	169.215849	0.826027
0.007294	0.799341	74.552552	
0.56343	2.291836	169.215849	0.826027
0.007294	1.292016	81.324803	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.378066	-25.755741	-1.177643
-0.006365	-0.685428	-19.022788	
0.14086	-16.378066	-25.755741	-1.177643
-0.006365	-0.192695	-55.232574	
0.28172	-16.378066	-25.755741	-1.177643
-0.006365	-0.227911	-91.911937	
0.42257	-16.378066	-25.755741	-1.177643
-0.006365	-0.568089	-131.913570	
0.56343	-16.378066	-25.755741	-1.177643
-0.006365	-0.911753	-199.102043	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.668507	139.993978	0.881006
0.005497	0.517928	143.346496	
0.14086	5.668507	139.993978	0.881006
0.005497	0.148768	144.616843	
0.28172	5.668507	139.993978	0.881006
0.005497	0.371280	146.528131	
0.42257	5.668507	139.993978	0.881006
0.005497	0.908908	161.418667	
0.56343	5.668507	139.993978	0.881006
0.005497	1.463421	186.869054	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2877
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.212965	-67.872111	-1.324138
-0.004707	-0.759051	-17.096169	
0.14086	-14.212965	-67.872111	-1.324138
-0.004707	-0.205006	-50.469674	
0.28172	-14.212965	-67.872111	-1.324138
-0.004707	-0.274256	-84.189226	
0.42257	-14.212965	-67.872111	-1.324138
-0.004707	-0.608588	-120.435892	
0.56343	-14.212965	-67.872111	-1.324138
-0.004707	-0.976358	-176.156612	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.374488	118.968456	1.002454
0.004688	0.581955	121.716784	
0.14086	7.374488	118.968456	1.002454
0.004688	0.161721	122.271490	
0.28172	7.374488	118.968456	1.002454
0.004688	0.410654	125.606538	
0.42257	7.374488	118.968456	1.002454
0.004688	1.011433	140.644918	
0.56343	7.374488	118.968456	1.002454
0.004688	1.626357	168.460528	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.503133	-77.794618	-1.467447
-0.004273	-0.836370	-40.412964	
0.14086	-12.503133	-77.794618	-1.467447
-0.004273	-0.221914	-60.237647	
0.28172	-12.503133	-77.794618	-1.467447
-0.004273	-0.277770	-81.635477	
0.42257	-12.503133	-77.794618	-1.467447
-0.004273	-0.694459	-105.840159	
0.56343	-12.503133	-77.794618	-1.467447
-0.004273	-1.113553	-149.574336	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.740525	54.538424	0.155225
0.004428	0.110024	139.504962	
0.14086	3.740525	54.538424	0.155225
0.004428	0.046148	134.063142	
0.28172	3.740525	54.538424	0.155225
0.004428	0.077368	128.805754	
0.42257	3.740525	54.538424	0.155225
0.004428	0.183935	135.331363	
0.56343	3.740525	54.538424	0.155225
0.004428	0.306986	151.405909	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.498097	-45.411972	-0.295616
-0.004303	-0.190429	-1.213392	
0.14086	-3.498097	-45.411972	-0.295616
-0.004303	-0.067314	-1.069213	
0.28172	-3.498097	-45.411972	-0.295616
-0.004303	-0.042365	-0.562090	
0.42257	-3.498097	-45.411972	-0.295616
-0.004303	-0.102019	-1.782338	
0.56343	-3.498097	-45.411972	-0.295616
-0.004303	-0.165466	-21.497030	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.245627	52.454854	0.383964
0.004456	0.236329	150.661579	
0.14086	7.245627	52.454854	0.383964
0.004456	0.076045	157.455254	
0.28172	7.245627	52.454854	0.383964
0.004456	0.182108	167.659402	
0.42257	7.245627	52.454854	0.383964
0.004456	0.445036	189.708677	
0.56343	7.245627	52.454854	0.383964
0.004456	0.723743	221.231844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 2878
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.093135	-81.988570	-0.666834
-0.004289	-0.395969	-10.406477	
0.14086	-4.093135	-81.988570	-0.666834
-0.004289	-0.117074	-6.080191	
0.28172	-4.093135	-81.988570	-0.666834
-0.004289	-0.107745	-3.862109	
0.42257	-4.093135	-81.988570	-0.666834
-0.004289	-0.263770	-3.763086	
0.56343	-4.093135	-81.988570	-0.666834
-0.004289	-0.423175	-22.482477	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.122519	110.742414	0.762200
0.003656	0.442930	148.155752	
0.14086	7.122519	110.742414	0.762200
0.003656	0.123615	136.014643	
0.28172	7.122519	110.742414	0.762200
0.003656	0.319996	147.559557	
0.42257	7.122519	110.742414	0.762200
0.003656	0.791649	170.526497	
0.56343	7.122519	110.742414	0.762200
0.003656	1.273716	200.856486	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.389260	-77.987283	-1.150748
-0.003043	-0.657091	-12.981664	
0.14086	-10.389260	-77.987283	-1.150748
-0.003043	-0.175646	-12.822762	
0.28172	-10.389260	-77.987283	-1.150748
-0.003043	-0.210628	-39.206668	
0.42257	-10.389260	-77.987283	-1.150748
-0.003043	-0.527401	-69.196346	
0.56343	-10.389260	-77.987283	-1.150748
-0.003043	-0.845948	-113.530965	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.864331	95.782273	0.940397
0.003045	0.540377	127.511895	
0.14086	8.864331	95.782273	0.940397
0.003045	0.146455	115.926173	
0.28172	8.864331	95.782273	0.940397
0.003045	0.373890	123.428518	
0.42257	8.864331	95.782273	0.940397
0.003045	0.930510	140.915132	
0.56343	8.864331	95.782273	0.940397
0.003045	1.495252	167.034545	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.867502	-83.959027	-1.348238
-0.002961	-0.766962	-47.057565	
0.14086	-8.867502	-83.959027	-1.348238
-0.002961	-0.202195	-39.131749	
0.28172	-8.867502	-83.959027	-1.348238
-0.002961	-0.259986	-52.908279	
0.42257	-8.867502	-83.959027	-1.348238
-0.002961	-0.651992	-70.325464	
0.56343	-8.867502	-83.959027	-1.348238
-0.002961	-1.045628	-100.455131	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.999667	5.954323	0.489016
1.28E-05	0.274807	7.232452	
0.14086	4.999667	5.954323	0.489016
1.28E-05	0.070022	5.074621	
0.28172	4.999667	5.954323	0.489016
1.28E-05	0.164630	3.052939	
0.42257	4.999667	5.954323	0.489016
1.28E-05	0.418101	1.560514	
0.56343	4.999667	5.954323	0.489016
1.28E-05	0.670709	1.998792	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-0.143790	-27.743659		-0.602485	
-0.000609		-0.340719	-61.924909			
0.14086		-0.143790	-27.743659		-0.602485	
-0.000609		-0.087708	-50.647072			
0.28172		-0.143790	-27.743659		-0.602485	
-0.000609		-0.135075	-39.478941			
0.42257		-0.143790	-27.743659		-0.602485	
-0.000609		-0.340178	-28.714208			
0.56343		-0.143790	-27.743659		-0.602485	
-0.000609		-0.545472	-19.441880			

COMB DL-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		8.147927	9.298629		0.768118	
0.000328		0.431730	14.080158			
0.14086		8.147927	9.298629		0.768118	
0.000328		0.110067	14.976441			
0.28172		8.147927	9.298629		0.768118	
0.000328		0.277959	20.994465			
0.42257		8.147927	9.298629		0.768118	
0.000328		0.701007	28.823816			
0.56343		8.147927	9.298629		0.768118	
0.000328		1.123128	39.640538			

COMB DL-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-1.343010	-57.186131		-1.007622	
-0.001158		-0.567610	-79.371452			
0.14086		-1.343010	-57.186131		-1.007622	
-0.001158		-0.144550	-61.012202			
0.28172		-1.343010	-57.186131		-1.007622	
-0.001158		-0.213086	-45.625559			
0.42257		-1.343010	-57.186131		-1.007622	
-0.001158		-0.535372	-31.520003			
0.56343		-1.343010	-57.186131		-1.007622	
-0.001158		-0.857808	-21.273813			

COMB DL-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.900834	7.990312		0.766506	
0.000218		0.429952	78.020579			
0.14086		10.900834	7.990312		0.766506	
0.000218		0.102923	107.972147			
0.28172		10.900834	7.990312		0.766506	
0.000218		0.301889	127.443837			
0.42257		10.900834	7.990312		0.766506	
0.000218		0.763181	155.255615			
0.56343		10.900834	7.990312		0.766506	
0.000218		1.223151	185.349575			

COMB DL-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-0.920549	-100.864780		-1.097976	
-0.000805		-1.221436	-71.221436			
0.14086		-0.920549	-100.864780		-1.097976	
-0.000805		-0.158076	-55.449625			
0.28172		-0.920549	-100.864780		-1.097976	
-0.000805		-0.213230	-41.757570			
0.42257		-0.920549	-100.864780		-1.097976	
-0.000805		-0.534789	-29.105680			
0.56343		-0.920549	-100.864780		-1.097976	
-0.000805		-0.856413	-19.155605			

COMB DL-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.215521	82.601879		0.919414	
0.003084		0.529682	139.582727			
0.14086		10.215521	82.601879		0.919414	
0.003084		0.144905	128.626832			
0.28172		10.215521	82.601879		0.919414	
0.003084		0.356183	131.529328			
0.42257		10.215521	82.601879		0.919414	
0.003084		0.890491	147.095966			
0.56343		10.215521	82.601879		0.919414	
0.003084		1.432672	171.096739			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-6.771062	-88.430978		-1.295154	
-0.003235		-0.741406	-61.582115			
0.14086		-6.771062	-88.430978		-1.295154	
-0.003235		-0.198358	-47.245675			
0.28172		-6.771062	-88.430978		-1.295154	
-0.003235		-0.253991	-47.245675			
0.42257		-6.771062	-88.430978		-1.295154	
-0.003235		-0.637060	-55.044109			
0.56343		-6.771062	-88.430978		-1.295154	
-0.003235		-1.021908	-76.455558			

COMB DB ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.373998	172.451487		0.792460	
0.007383		0.452074	141.033133			
0.14086		11.373998	172.451487		0.792460	
0.007383		0.126783	147.129194			
0.28172		11.373998	172.451487		0.792460	
0.007383		0.248604	156.398401			
0.42257		11.373998	172.451487		0.792460	
0.007383		0.616612	180.093384			
0.56343		11.373998	172.451487		0.792460	
0.007383		0.998151	214.284290			

COMB DB ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-16.948638	-98.922522		-0.909408	
-0.006377		-0.528401	-67.769216			
0.14086		-16.948638	-98.922522		-0.909408	
-0.006377		-0.147273	-55.381447			
0.28172		-16.948638	-98.922522		-0.909408	
-0.006377		-0.218666	-89.686442			
0.42257		-16.948638	-98.922522		-0.909408	
-0.006377		-0.551063	-131.766936			
0.56343		-16.948638	-98.922522		-0.909408	
-0.006377		-0.883457	-195.196757			

COMB DL ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.900834	169.215849		1.002454	
0.007294		0.581955	150.661579			
0.14086		10.900834	169.215849		1.002454	
0.007294		0.161721	157.455254			
0.28172		10.900834	169.215849		1.002454	
0.007294		0.410654	167.659402			
0.42257		10.900834	169.215849		1.002454	
0.007294		1.011433	189.708677			
0.56343		10.900834	169.215849		1.002454	
0.007294		1.626357	221.231844			

COMB DL ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-16.378066	-100.864780		-1.467447	
-0.006365		-0.836370	-79.371452			
0.14086		-16.378066	-100.864780		-1.467447	
-0.006365		-0.221914	-61.012202			
0.28172		-16.378066	-100.864780		-1.467447	
-0.006365		-0.277770	-91.911937			
0.42257		-16.378066	-100.864780		-1.467447	
-0.006365		-0.694459	-131.913570			
0.56343		-16.378066	-100.864780		-1.467447	
-0.006365		-1.113553	-199.102043			

COMB CAR ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.373998	172.451487		1.002454	
0.007383		0.581955	150.661579			
0.14086		11.373998	172.451487		1.002454	
0.007383		0.161721	157.455254			
0.28172		11.373998	172.451487		1.002454	
0.007383		0.410654	167.659402			
0.42257		11.373998	172.451487		1.002454	
0.007383		1.011433	189.708677			
0.56343		11.373998	172.451487		1.002454	
0.007383		1.626357	221.231844			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-16.948638	-100.864780		-1.467447	
-0.006377		-0.836370	-79.371452			
0.14086		-16.948638	-100.864780		-1.467447	
-0.006377		-0.221914	-61.012202			
0.28172		-16.948638	-100.864780		-1.467447	
-0.006377		-0.277770	-91.911937			
0.42257		-16.948638	-100.864780		-1.467447	
-0.006377		-0.694459	-131.913570			
0.56343		-16.948638	-100.864780		-1.467447	
-0.006377		-1.113553	-199.102043			

COMB DESIGN ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.373998	172.451487		1.002454	
0.007383		0.581955	150.661579			
0.14086		11.373998	172.451487		1.002454	
0.007383		0.161721	157.455254			
0.28172		11.373998	172.451487		1.002454	
0.007383		0.410654	167.659402			
0.42257		11.373998	172.451487		1.002454	
0.007383		1.011433	189.708677			
0.56343		11.373998	172.451487		1.002454	
0.007383		1.626357	221.231844			

COMB DESIGN ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-16.948638	-100.864780		-1.467447	
-0.006377		-0.836370	-79.371452			
0.14086		-16.948638	-100.864780		-1.467447	
-0.006377		-0.221914	-61.012202			
0.28172		-16.948638	-100.864780		-1.467447	
-0.006377		-0.277770	-91.911937			
0.42257		-16.948638	-100.864780		-1.467447	
-0.006377		-0.694459	-131.913570			
0.56343		-16.948638	-100.864780		-1.467447	
-0.006377		-1.113553	-199.102043			

ELEM 266 ========== LENGTH = 2.977068

COMB DB-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		0.345361	79.194347		0.443432	
0.000673		0.495341	111.319652			
0.57750		0.345361	79.194347		0.443432	
0.000673		0.309425	78.187940			
0.71834		0.345361	79.194347		0.443432	
0.000673		0.123499	45.141359			
0.85917		0.345361	79.194347		0.443432	
0.000673		0.064050	12.353734			
1.00000		0.345361	79.194347		0.443432	
0.000673		0.258979	2.183474			

COMB DB-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-11.189566	-3.904177		-0.464884	
-0.000678		-0.520691	-7.563541			
0.57750		-11.189566	-3.904177		-0.464884	
-0.000678		-0.325780	-6.133575			
0.71834		-11.189566	-3.904177		-0.464884	
-0.000678		-0.130862	-4.036688			
0.85917		-11.189566	-3.904177		-0.464884	
-0.000678		-0.062412	-4.072276			
1.00000		-11.189566	-3.904177		-0.464884	
-0.000678		-0.248325	-22.657229			

COMB DB-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		4.568450	111.458941		0.644843	
0.006973		0.705517	209.205258			
0.57750		4.568450	111.458941		0.644843	
0.006973		0.435159	167.628005			
0.71834		4.568450	111.458941		0.644843	
0.006973		0.169271	137.512814			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.85917		4.568450	111.458941		0.644843	
0.006973		0.109715	125.272620			
1.00000		4.568450	111.458941		0.644843	
0.006973		0.361601	124.507790			

COMB DB-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-14.075629	-84.207242		-0.601792	
-0.006994		-0.674353	-31.035951			
0.57750		-14.075629	-84.207242		-0.601792	
-0.006994		-0.422040	-10.799340			
0.71834		-14.075629	-84.207242		-0.601792	
-0.006994		-0.169660	-7.732091			
0.85917		-14.075629	-84.207242		-0.601792	
-0.006994		-0.116533	-6.124249			
1.00000		-14.075629	-84.207242		-0.601792	
-0.006994		-0.377121	-9.415246			

COMB DB-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		7.687466	100.120513		0.694292	
0.005233		0.767283	195.012238			
0.57750		7.687466	100.120513		0.694292	
0.005233		0.476203	158.136402			
0.71834		7.687466	100.120513		0.694292	
0.005233		0.188150	130.300540			
0.85917		7.687466	100.120513		0.694292	
0.005233		0.115634	117.647185			
1.00000		7.687466	100.120513		0.694292	
0.005233		0.407663	126.398735			

COMB DB-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-12.933759	-112.634975		-0.697195	
-0.005260		-0.779768	-72.572810			
0.57750		-12.933759	-112.634975		-0.697195	
-0.005260		-0.487476	-34.520397			
0.71834		-12.933759	-112.634975		-0.697195	
-0.005260		-0.195084	-8.718513			
0.85917		-12.933759	-112.634975		-0.697195	
-0.005260		-0.113467	-6.333972			
1.00000		-12.933759	-112.634975		-0.697195	
-0.005260		-0.397914	-8.016058			

COMB DB-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		9.405587	84.557122		0.800604	
0.004457		0.887278	165.825849			
0.57750		9.405587	84.557122		0.800604	
0.004457		0.551620	134.613737			
0.71834		9.405587	84.557122		0.800604	
0.004457		0.218474	110.904197			
0.85917		9.405587	84.557122		0.800604	
0.004457		0.130585	99.640252			
1.00000		9.405587	84.557122		0.800604	
0.004457		0.471984	106.577765			

COMB DB-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-11.750749	-113.186193		-0.816884	
-0.004484		-0.913057	-115.067226			
0.57750		-11.750749	-113.186193		-0.816884	
-0.004484		-0.570577	-75.524659			
0.71834		-11.750749	-113.186193		-0.816884	
-0.004484		-0.227982	-46.740408			
0.85917		-11.750749	-113.186193		-0.816884	
-0.004484		-0.125877	-37.331620			
1.00000		-11.750749	-113.186193		-0.816884	
-0.004484		-0.456070	-31.144088			

COMB DB-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		5.525246	9.594510		0.160627	
0.005449		0.171497	53.055082			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.57750		5.525246	9.594510		0.160627	
0.005449		0.104151	54.602916			
0.71834		5.525246	9.594510		0.160627	
0.005449		0.040611	66.534043			
0.85917		5.525246	9.594510		0.160627	
0.005449		0.038766	96.701624			
1.00000		5.525246	9.594510		0.160627	
0.005449		0.086201	136.517078			

COMB DB-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-0.812024	-98.295268		-0.113843	
-0.005458		-0.127067	-37.451655			
0.57750		-0.812024	-98.295268		-0.113843	
-0.005458		-0.079337	-8.698671			
0.71834		-0.812024	-98.295268		-0.113843	
-0.005458		-0.031560	22.260531			
0.85917		-0.812024	-98.295268		-0.113843	
-0.005458		-0.049601	-1.767864			
1.00000		-0.812024	-98.295268		-0.113843	
-0.005458		-0.108671	-1.334292			

COMB DB-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		9.737144	8.888320		0.363918	
0.005334		0.396232	52.872406			
0.57750		9.737144	8.888320		0.363918	
0.005334		0.243666	54.212682			
0.71834		9.737144	8.888320		0.363918	
0.005334		0.094583	67.230782			
0.85917		9.737144	8.888320		0.363918	
0.005334		0.071355	96.826936			
1.00000		9.737144	8.888320		0.363918	
0.005334		0.213616	143.302281			

COMB DB-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-1.776302	-134.761758		-0.342892	
-0.005361		-0.382247	-96.489603			
0.57750		-1.776302	-134.761758		-0.342892	
-0.005361		-0.238503	-50.716018			
0.71834		-1.776302	-134.761758		-0.342892	
-0.005361		-0.094641	-19.744519			
0.85917		-1.776302	-134.761758		-0.342892	
-0.005361		-0.070083	-14.500643			
1.00000		-1.776302	-134.761758		-0.342892	
-0.005361		-0.215020	-10.122370			

COMB DB-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		9.007683	86.517085		0.613890	
0.004264		0.672817	200.869037			
0.57750		9.007683	86.517085		0.613890	
0.004264		0.421429	169.149693			
0.71834		9.007683	86.517085		0.613890	
0.004264		0.166482	145.106811			
0.85917		9.007683	86.517085		0.613890	
0.004264		0.102754	134.413953			
1.00000		9.007683	86.517085		0.613890	
0.004264		0.361355	139.295258			

COMB DB-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-10.260062	-114.218232		-0.619668	
-0.004286		-0.692594	-90.027300			
0.57750		-10.260062	-114.218232		-0.619668	
-0.004286		-0.432805	-49.786261			
0.71834		-10.260062	-114.218232		-0.619668	
-0.004286		-0.172684	-21.108655			
0.85917		-10.260062	-114.218232		-0.619668	
-0.004286		-0.099299	-15.837812			
1.00000		-10.260062	-114.218232		-0.619668	
-0.004286		-0.351382	-11.183029			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		10.582501	73.573276		0.752365	
0.003643		0.834655	171.820445			
0.57750		10.582501	73.573276		0.752365	
0.003643		0.519224	144.782867			
0.71834		10.582501	73.573276		0.752365	
0.003643		0.205795	124.167469			
0.85917		10.582501	73.573276		0.752365	
0.003643		0.121731	114.646948			
1.00000		10.582501	73.573276		0.752365	
0.003643		0.444826	118.243731			

COMB DB-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-8.778020	-111.429855		-0.772526	
-0.003575		-0.863056	-133.543929			
0.57750		-8.778020	-111.429855		-0.772526	
-0.003575		-0.539182	-93.290806			
0.71834		-8.778020	-111.429855		-0.772526	
-0.003575		-0.215140	-62.421622			
0.85917		-8.778020	-111.429855		-0.772526	
-0.003575		-0.116630	-51.258056			
1.00000		-8.778020	-111.429855		-0.772526	
-0.003575		-0.427668	-40.756269			

COMB DB-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		4.980896	2.635249		0.379575	
1.39E-05		0.424172	8.098369			
0.57750		4.980896	2.635249		0.379575	
1.39E-05		0.265030	6.998451			
0.71834		4.980896	2.635249		0.379575	
1.39E-05		0.105883	5.910936			
0.85917		4.980896	2.635249		0.379575	
1.39E-05		0.057466	4.868834			
1.00000		4.980896	2.635249		0.379575	
1.39E-05		0.226617	3.918394			

COMB DB-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-0.094617	-23.877018		-0.403956	
-1.42E-05		-0.450900	-92.419542			
0.57750		-0.094617	-23.877018		-0.403956	
-1.42E-05		-0.281536	-82.474886			
0.71834		-0.094617	-23.877018		-0.403956	
-1.42E-05		-0.112162	-72.559056			
0.85917		-0.094617	-23.877018		-0.403956	
-1.42E-05		-0.053211	-62.643622			
1.00000		-0.094617	-23.877018		-0.403956	
-1.42E-05		-0.212408	-52.762651			

COMB DB-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		8.740629	3.772152		0.612300	
0.000374		0.683314	11.716584			
0.57750		8.740629	3.772152		0.612300	
0.000374		0.426597	10.288054			
0.71834		8.740629	3.772152		0.612300	
0.000374		0.170002	9.537463			
0.85917		8.740629	3.772152		0.612300	
0.000374		0.095916	9.519850			
1.00000		8.740629	3.772152		0.612300	
0.000374		0.365040	10.564882			

COMB DB-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-1.517480	-53.663272		-0.649011	
-0.000389		-0.724241	-151.208049			
0.57750		-1.517480	-53.663272		-0.649011	
-0.000389		-0.452134	-129.648711			
0.71834		-1.517480	-53.663272		-0.649011	
-0.000389		-0.179987	-109.084491			
0.85917		-1.517480	-53.663272		-0.649011	
-0.000389		-0.087065	-88.733736			
1.00000		-1.517480	-53.663272		-0.649011	
-0.000389		-0.343571	-69.614475			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		11.668158	4.126978		0.647113	
0.000789		0.721151	30.705040			
0.57750		11.668158	4.126978		0.647113	
0.000789		0.449833	31.310999			
0.71834		11.668158	4.126978		0.647113	
0.000789		0.178760	34.248365			
0.85917		11.668158	4.126978		0.647113	
0.000789		0.108515	42.611681			
1.00000		11.668158	4.126978		0.647113	
0.000789		0.385644	66.824128			

COMB DB-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-1.029802	-104.640254		-0.683528	
-0.000811		-0.762060	-171.465477			
0.57750		-1.029802	-104.640254		-0.683528	
-0.000811		-0.475498	-128.524195			
0.71834		-1.029802	-104.640254		-0.683528	
-0.000811		-0.188858	-90.383636			
0.85917		-1.029802	-104.640254		-0.683528	
-0.000811		-0.093273	-75.995643			
1.00000		-1.029802	-104.640254		-0.683528	
-0.000811		-0.364167	-62.103542			

COMB DB-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		12.118618	56.087611		0.741398	
0.003914		0.821427	148.946422			
0.57750		12.118618	56.087611		0.741398	
0.003914		0.510597	129.598555			
0.71834		12.118618	56.087611		0.741398	
0.003914		0.202194	117.557221			
0.85917		12.118618	56.087611		0.741398	
0.003914		0.122326	117.905172			
1.00000		12.118618	56.087611		0.741398	
0.003914		0.438746	131.255518			

COMB DB-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-6.013068	-120.007548		-0.756964	
-0.003932		-0.845333	-152.732006			
0.57750		-6.013068	-120.007548		-0.756964	
-0.003932		-0.528012	-109.965816			
0.71834		-6.013068	-120.007548		-0.756964	
-0.003932		-0.210546	-77.804827			
0.85917		-6.013068	-120.007548		-0.756964	
-0.003932		-0.117027	-65.097374			
1.00000		-6.013068	-120.007548		-0.756964	
-0.003932		-0.422589	-53.020896			

COMB DL-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43667		0.441774	80.519379		0.543934	
0.000557		0.609351	110.217939			
0.57750		0.441774	80.519379		0.543934	
0.000557		0.382267	76.646902			
0.71834		0.441774	80.519379		0.543934	
0.000557		0.153497	43.343968			
0.85917		0.441774	80.519379		0.543934	
0.000557		0.116527	11.447586			
1.00000		0.441774	80.519379		0.543934	
0.000557		0.420131	2.514585			

COMB DL-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43667		-11.424739	-4.341610		-0.727784	
-0.000573		-0.801052	-9.393115			
0.57750		-11.424739	-4.341610		-0.727784	
-0.000573		-0.495990	-7.743425			
0.71834		-11.424739	-4.341610		-0.727784	
-0.000573		-0.191210	-6.545457			
0.85917		-11.424739	-4.341610		-0.727784	
-0.000573		-0.076822	-6.576985			
1.00000		-11.424739	-4.341610		-0.727784	
-0.000573		-0.303982	-29.296868			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2886

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	5.376168	111.684433	0.819911
0.006834	0.903172	217.399447	
0.57750	5.376168	111.684433	0.819911
0.006834	0.560303	176.497259	
0.71834	5.376168	111.684433	0.819911
0.006834	0.221755	148.179953	
0.85917	5.376168	111.684433	0.819911
0.006834	0.175215	135.029702	
1.00000	5.376168	111.684433	0.819911
0.006834	0.563918	135.924670	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-13.951058	-80.742580	-0.933140
-0.006860	-1.003786	-35.619596	
0.57750	-13.951058	-80.742580	-0.933140
-0.006860	-0.621335	-12.552036	
0.71834	-13.951058	-80.742580	-0.933140
-0.006860	-0.247120	-9.085828	
0.85917	-13.951058	-80.742580	-0.933140
-0.006860	-0.146651	-7.250484	
1.00000	-13.951058	-80.742580	-0.933140
-0.006860	-0.483208	-16.627272	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	7.726490	99.829707	0.945912
0.005234	1.048944	200.657682	
0.57750	7.726490	99.829707	0.945912
0.005234	0.653168	165.554615	
0.71834	7.726490	99.829707	0.945912
0.005234	0.260795	141.495480	
0.85917	7.726490	99.829707	0.945912
0.005234	0.181519	135.754756	
1.00000	7.726490	99.829707	0.945912
0.005234	0.623830	145.964725	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-12.811428	-106.549145	-1.061793
-0.005266	-1.157408	-67.795734	
0.57750	-12.811428	-106.549145	-1.061793
-0.005266	-0.718576	-32.678999	
0.71834	-12.811428	-106.549145	-1.061793
-0.005266	-0.285760	-12.336597	
0.85917	-12.811428	-106.549145	-1.061793
-0.005266	-0.155359	-7.729574	
1.00000	-12.811428	-106.549145	-1.061793
-0.005266	-0.545832	-14.580876	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	9.129145	84.563502	1.124023
0.004449	1.248103	171.324413	
0.57750	9.129145	84.563502	1.124023
0.004449	0.777197	141.495494	
0.71834	9.129145	84.563502	1.124023
0.004449	0.305937	120.855603	
0.85917	9.129145	84.563502	1.124023
0.004449	0.202599	115.385675	
1.00000	9.129145	84.563502	1.124023
0.004449	0.716653	123.183122	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-11.540397	-111.354703	-1.233955
-0.004474	-1.353401	-119.472923	
0.57750	-11.540397	-111.354703	-1.233955
-0.004474	-0.841317	-80.924954	
0.71834	-11.540397	-111.354703	-1.233955
-0.004474	-0.333908	-54.779915	
0.85917	-11.540397	-111.354703	-1.233955
-0.004474	-0.178190	-42.080239	
1.00000	-11.540397	-111.354703	-1.233955
-0.004474	-0.644202	-38.742646	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2887

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	5.656611	10.510118	0.245024
0.004560	0.258628	65.381945	
0.57750	5.656611	10.510118	0.245024
0.004560	0.155984	67.797400	
0.71834	5.656611	10.510118	0.245024
0.004560	0.058156	81.741858	
0.85917	5.656611	10.510118	0.245024
0.004560	0.043744	108.995396	
1.00000	5.656611	10.510118	0.245024
0.004560	0.109430	141.832106	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.868642	-85.273208	-0.158144
-0.004568	-0.157813	-35.974665	
0.57750	-0.868642	-85.273208	-0.158144
-0.004568	-0.097777	-9.933065	
0.71834	-0.868642	-85.273208	-0.158144
-0.004568	-0.043280	-7.230306	
0.85917	-0.868642	-85.273208	-0.158144
-0.004568	-0.062101	-1.818896	
1.00000	-0.868642	-85.273208	-0.158144
-0.004568	-0.160508	-1.309885	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	8.966909	9.893527	0.551728
0.004569	0.606073	62.937105	
0.57750	8.966909	9.893527	0.551728
0.004569	0.374849	66.015593	
0.71834	8.966909	9.893527	0.551728
0.004569	0.147825	80.379691	
0.85917	8.966909	9.893527	0.551728
0.004569	0.093590	113.392486	
1.00000	8.966909	9.893527	0.551728
0.004569	0.302937	153.677307	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.760473	-121.204009	-0.507477
-0.004588	-0.548674	-88.858327	
0.57750	-1.760473	-121.204009	-0.507477
-0.004588	-0.341985	-47.809898	
0.71834	-1.760473	-121.204009	-0.507477
-0.004588	-0.140552	-21.570854	
0.85917	-1.760473	-121.204009	-0.507477
-0.004588	-0.101294	-14.561987	
1.00000	-1.760473	-121.204009	-0.507477
-0.004588	-0.327283	-9.576181	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	8.401021	86.372148	0.866836
0.003378	0.963883	212.253174	
0.57750	8.401021	86.372148	0.866836
0.003378	0.600384	181.848488	
0.71834	8.401021	86.372148	0.866836
0.003378	0.239520	159.823992	
0.85917	8.401021	86.372148	0.866836
0.003378	0.146822	152.366957	
1.00000	8.401021	86.372148	0.866836
0.003378	0.523490	151.646432	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-9.732303	-101.625118	-0.907435
-0.003406	-0.998275	-83.221188	
0.57750	-9.732303	-101.625118	-0.907435
-0.003406	-0.621795	-48.138631	
0.71834	-9.732303	-101.625118	-0.907435
-0.003406	-0.248972	-23.326381	
0.85917	-9.732303	-101.625118	-0.907435
-0.003406	-0.136028	-16.367218	
1.00000	-9.732303	-101.625118	-0.907435
-0.003406	-0.495372	-11.035028	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2888

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	10.062086	73.823809	1.102223
0.002902	1.225554	182.521781	
0.57750	10.062086	73.823809	1.102223
0.002902	0.763384	156.432171	
0.71834	10.062086	73.823809	1.102223
0.002902	0.303512	137.294801	
0.85917	10.062086	73.823809	1.102223
0.002902	0.173618	130.447060	
1.00000	10.062086	73.823809	1.102223
0.002902	0.643694	129.241115	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-8.338405	-105.635837	-1.126846
-0.002840	-1.245883	-141.414913	
0.57750	-8.338405	-105.635837	-1.126846
-0.002840	-0.776787	-103.292910	
0.71834	-8.338405	-105.635837	-1.126846
-0.002840	-0.310512	-73.977584	
0.85917	-8.338405	-105.635837	-1.126846
-0.002840	-0.168695	-59.451931	
1.00000	-8.338405	-105.635837	-1.126846
-0.002840	-0.627325	-46.517596	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	5.328016	3.276151	0.613037
1.01E-05	0.679862	10.203756	
0.57750	5.328016	3.276151	0.613037
1.01E-05	0.422955	8.832990	
0.71834	5.328016	3.276151	0.613037
1.01E-05	0.166424	7.474632	
0.85917	5.328016	3.276151	0.613037
1.01E-05	0.081086	6.159003	
1.00000	5.328016	3.276151	0.613037
1.01E-05	0.322640	4.956157	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.108282	-30.802546	-0.574190
-1.04E-05	-0.641130	-115.220982	
0.57750	-0.108282	-30.802546	-0.574190
-1.04E-05	-0.400787	-102.348509	
0.71834	-0.108282	-30.802546	-0.574190
-1.04E-05	-0.159882	-89.502926	
0.85917	-0.108282	-30.802546	-0.574190
-1.04E-05	-0.091614	-76.705579	
1.00000	-0.108282	-30.802546	-0.574190
-1.04E-05	-0.348424	-64.003735	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	8.516655	4.541462	0.967660
0.000282	1.075069	14.274068	
0.57750	8.516655	4.541462	0.967660
0.000282	0.669358	12.618620	
0.71834	8.516655	4.541462	0.967660
0.000282	0.262221	11.339571	
0.85917	8.516655	4.541462	0.967660
0.000282	0.141074	10.733892	
1.00000	8.516655	4.541462	0.967660
0.000282	0.540671	11.490993	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.508995	-62.689843	-0.956917
-0.000292	-1.066680	-178.779133	
0.57750	-1.508995	-62.689843	-0.956917
-0.000292	-0.665973	-153.042746	
0.71834	-1.508995	-62.689843	-0.956917
-0.000292	-0.264413	-128.047596	
0.85917	-1.508995	-62.689843	-0.956917
-0.000292	-0.142839	-104.092748	
1.00000	-1.508995	-62.689843	-0.956917
-0.000292	-0.547759	-81.327932	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2889

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	10.977026	4.633659	1.017110
0.000404	1.130221	35.891249	
0.57750	10.977026	4.633659	1.017110
0.000404	0.703875	37.771724	
0.71834	10.977026	4.633659	1.017110
0.000404	0.278189	43.366596	
0.85917	10.977026	4.633659	1.017110
0.000404	0.138950	57.172150	
1.00000	10.977026	4.633659	1.017110
0.000404	0.544639	77.886815	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.069112	-104.086567	-0.973020
-0.000419	-1.087006	-186.884033	
0.57750	-1.069112	-104.086567	-0.973020
-0.000419	-0.679427	-146.442963	
0.71834	-1.069112	-104.086567	-0.973020
-0.000419	-0.271801	-109.015395	
0.85917	-1.069112	-104.086567	-0.973020
-0.000419	-0.151555	-90.645901	
1.00000	-1.069112	-104.086567	-0.973020
-0.000419	-0.576340	-72.728585	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	11.640240	57.026373	1.127151
0.002889	1.250009	163.050541	
0.57750	11.640240	57.026373	1.127151
0.002889	0.777446	144.178660	
0.71834	11.640240	57.026373	1.127151
0.002889	0.307703	132.874410	
0.85917	11.640240	57.026373	1.127151
0.002889	0.167771	133.936572	
1.00000	11.640240	57.026373	1.127151
0.002889	0.622372	140.642458	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-5.786658	-113.091593	-1.089393
-0.002896	-1.205311	-166.178885	
0.57750	-5.786658	-113.091593	-1.089393
-0.002896	-0.752261	-125.271149	
0.71834	-5.786658	-113.091593	-1.089393
-0.002896	-0.302138	-93.872705	
0.85917	-5.786658	-113.091593	-1.089393
-0.002896	-0.177551	-77.595718	
1.00000	-5.786658	-113.091593	-1.089393
-0.002896	-0.645129	-62.072013	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	12.118618	111.458941	0.800604
0.006973	0.887278	209.205258	
0.57750	12.118618	111.458941	0.800604
0.006973	0.555180	169.149693	
0.71834	12.118618	111.458941	0.800604
0.006973	0.218474	145.106811	
0.85917	12.118618	111.458941	0.800604
0.006973	0.130585	134.347953	
1.00000	12.118618	111.458941	0.800604
0.006973	0.471984	143.302281	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-14.075629	-134.761758	-0.816884
-0.006994	-1.057357	-171.465477	
0.57750	-14.075629	-134.761758	-0.816884
-0.006994	-0.570577	-129.648711	
0.71834	-14.075629	-134.761758	-0.816884
-0.006994	-0.227982	-109.084491	
0.85917	-14.075629	-134.761758	-0.816884
-0.006994	-0.125877	-88.737736	
1.00000	-14.075629	-134.761758	-0.816884
-0.006994	-0.456070	-69.614475	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2890

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	11.640240	111.684433	1.127151
0.006834	1.250009	217.399447	
0.57750	11.640240	111.684433	1.127151
0.006834	0.777446	181.848488	
0.71834	11.640240	111.684433	1.127151
0.006834	0.309537	159.823992	
0.85917	11.640240	111.684433	1.127151
0.006834	0.202599	152.366957	
1.00000	11.640240	111.684433	1.127151
0.006834	0.716653	153.677307	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-13.951058	-121.204009	-1.233955
-0.006860	-1.353401	-186.884033	
0.57750	-13.951058	-121.204009	-1.233955
-0.006860	-0.841317	-153.042746	
0.71834	-13.951058	-121.204009	-1.233955
-0.006860	-0.333908	-128.047596	
0.85917	-13.951058	-121.204009	-1.233955
-0.006860	-0.178190	-104.092748	
1.00000	-13.951058	-121.204009	-1.233955
-0.006860	-0.645129	-81.327932	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	12.118618	111.684433	1.127151
0.006973	1.250009	217.399447	
0.57750	12.118618	111.684433	1.127151
0.006973	0.777446	181.848488	
0.71834	12.118618	111.684433	1.127151
0.006973	0.309537	159.823992	
0.85917	12.118618	111.684433	1.127151
0.006973	0.202599	152.366957	
1.00000	12.118618	111.684433	1.127151
0.006973	0.716653	153.677307	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-14.075629	-134.761758	-1.233955
-0.006994	-1.353401	-186.884033	
0.57750	-14.075629	-134.761758	-1.233955
-0.006994	-0.841317	-153.042746	
0.71834	-14.075629	-134.761758	-1.233955
-0.006994	-0.333908	-128.047596	
0.85917	-14.075629	-134.761758	-1.233955
-0.006994	-0.178190	-104.092748	
1.00000	-14.075629	-134.761758	-1.233955
-0.006994	-0.645129	-81.327932	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	12.118618	111.684433	1.127151
0.006973	1.250009	217.399447	
0.57750	12.118618	111.684433	1.127151
0.006973	0.777446	181.848488	
0.71834	12.118618	111.684433	1.127151
0.006973	0.309537	159.823992	
0.85917	12.118618	111.684433	1.127151
0.006973	0.202599	152.366957	
1.00000	12.118618	111.684433	1.127151
0.006973	0.716653	153.677307	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-14.075629	-134.761758	-1.233955
-0.006994	-1.353401	-186.884033	
0.57750	-14.075629	-134.761758	-1.233955
-0.006994	-0.841317	-153.042746	
0.71834	-14.075629	-134.761758	-1.233955
-0.006994	-0.333908	-128.047596	
0.85917	-14.075629	-134.761758	-1.233955
-0.006994	-0.178190	-104.092748	
1.00000	-14.075629	-134.761758	-1.233955
-0.006994	-0.645129	-81.327932	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2891

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 267 ========== LENGTH = 2.977234

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.349156	78.755965	0.452644
0.000562	0.255798	2.183629	
0.14084	0.349156	78.755965	0.452644
0.000562	0.065991	2.807386	
0.28168	0.349156	78.755965	0.452644
0.000562	0.131484	3.442228	
0.42251	0.349156	78.755965	0.452644
0.000562	0.334173	4.197361	
0.56335	0.349156	78.755965	0.452644
0.000562	0.536862	5.598663	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.140756	-3.863842	-0.483440
-0.000572	-0.274091	-22.697491	
0.14084	-11.140756	-3.863842	-0.483440
-0.000572	-0.071384	-55.408107	
0.28168	-11.140756	-3.863842	-0.483440
-0.000572	-0.123808	-88.342065	
0.42251	-11.140756	-3.863842	-0.483440
-0.000572	-0.313596	-121.284030	
0.56335	-11.140756	-3.863842	-0.483440
-0.000572	-0.503394	-154.256563	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.510369	176.709969	0.631903
0.006850	0.384626	124.877044	
0.14084	2.510369	176.709969	0.631903
0.006850	0.120133	99.665841	
0.28168	2.510369	176.709969	0.631903
0.006850	0.170502	74.638089	
0.42251	2.510369	176.709969	0.631903
0.006850	0.434030	67.982265	
0.56335	2.510369	176.709969	0.631903
0.006850	0.697503	73.584732	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.262781	-23.990215	-0.628357
-0.006855	-0.381664	-3.461668	
0.14084	-18.262781	-23.990215	-0.628357
-0.006855	-0.121284	-50.867412	
0.28168	-18.262781	-23.990215	-0.628357
-0.006855	-0.170499	-92.508863	
0.42251	-18.262781	-23.990215	-0.628357
-0.006855	-0.411480	-136.042523	
0.56335	-18.262781	-23.990215	-0.628357
-0.006855	-0.676316	-201.094661	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.385622	144.367067	0.691150
0.004947	0.409776	126.613969	
0.14084	6.385622	144.367067	0.691150
0.004947	0.120396	132.735185	
0.28168	6.385622	144.367067	0.691150
0.004947	0.195879	138.867953	
0.42251	6.385622	144.367067	0.691150
0.004947	0.495917	157.629769	
0.56335	6.385622	144.367067	0.691150
0.004947	0.795863	184.777923	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.748113	-72.150914	-0.715390
-0.004960	-0.420627	-8.055775	
0.14084	-15.748113	-72.150914	-0.715390
-0.004960	-0.122268	-46.251990	
0.28168	-15.748113	-72.150914	-0.715390
-0.004960	-0.188885	-84.584612	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2892

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-15.748113	-72.150914	-0.715390
-0.004960	-0.462018	-124.161500	
0.56335	-15.748113	-72.150914	-0.715390
-0.004960	-0.751391	-178.324712	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.367221	121.273342	0.800614
0.004404	0.467673	106.761096	
0.14084	8.367221	121.273342	0.800614
0.004404	0.132294	111.825320	
0.28168	8.367221	121.273342	0.800614
0.004404	0.228737	117.971744	
0.42251	8.367221	121.273342	0.800614
0.004404	0.577739	138.311937	
0.56335	8.367221	121.273342	0.800614
0.004404	0.926663	167.771322	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.082434	-79.823739	-0.832179
-0.004409	-0.482889	-31.194236	
0.14084	-14.082434	-79.823739	-0.832179
-0.004409	-0.135246	-55.488921	
0.28168	-14.082434	-79.823739	-0.832179
-0.004409	-0.219212	-80.880307	
0.42251	-14.082434	-79.823739	-0.832179
-0.004409	-0.540638	-108.198092	
0.56335	-14.082434	-79.823739	-0.832179
-0.004409	-0.875720	-149.650255	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.851615	64.798974	0.164462
0.005163	0.116312	136.807238	
0.14084	3.851615	64.798974	0.164462
0.005163	0.047790	128.492975	
0.28168	3.851615	64.798974	0.164462
0.005163	0.031671	120.246805	
0.42251	3.851615	64.798974	0.164462
0.005163	0.079824	126.983156	
0.56335	3.851615	64.798974	0.164462
0.005163	0.127932	143.701730	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.363705	-48.215354	-0.114731
-0.005163	-0.084904	-1.329257	
0.14084	-4.363705	-48.215354	-0.114731
-0.005163	-0.040434	-0.903147	
0.28168	-4.363705	-48.215354	-0.114731
-0.005163	-0.042671	-0.564940	
0.42251	-4.363705	-48.215354	-0.114731
-0.005163	-0.091557	-1.771686	
0.56335	-4.363705	-48.215354	-0.114731
-0.005163	-0.160409	-20.952624	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.258003	60.265414	0.348324
0.005111	0.218267	143.552073	
0.14084	8.258003	60.265414	0.348324
0.005111	0.072706	149.884358	
0.28168	8.258003	60.265414	0.348324
0.005111	0.094844	159.454178	
0.42251	8.258003	60.265414	0.348324
0.005111	0.237857	183.755650	
0.56335	8.258003	60.265414	0.348324
0.005111	0.380752	217.660050	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.068017	-88.600870	-0.340837
-0.005124	-0.209926	-10.124315	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-5.068017	-88.600870	-0.340837
-0.005124	-0.068878	-5.855154	
0.28168	-5.068017	-88.600870	-0.340837
-0.005124	-0.095007	-3.003747	
0.42251	-5.068017	-88.600870	-0.340837
-0.005124	-0.221225	-2.809764	
0.56335	-5.068017	-88.600870	-0.340837
-0.005124	-0.366747	-20.743334	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.993816	122.242748	0.613274
0.004071	0.362112	139.425569	
0.14084	7.993816	122.242748	0.613274
0.004071	0.105316	129.488231	
0.28168	7.993816	122.242748	0.613274
0.004071	0.173500	141.724015	
0.42251	7.993816	122.242748	0.613274
0.004071	0.438411	165.462736	
0.56335	7.993816	122.242748	0.613274
0.004071	0.703200	196.759320	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.529806	-81.732137	-0.631550
-0.004203	-0.369527	-11.178849	
0.14084	-12.529806	-81.732137	-0.631550
-0.004203	-0.106023	-14.047432	
0.28168	-12.529806	-81.732137	-0.631550
-0.004203	-0.167129	-44.768845	
0.42251	-12.529806	-81.732137	-0.631550
-0.004203	-0.409951	-77.602781	
0.56335	-12.529806	-81.732137	-0.631550
-0.004203	-0.667041	-123.551334	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.774673	103.508064	0.753925
0.003757	0.438550	118.357110	
0.14084	9.774673	103.508064	0.753925
0.003757	0.122628	109.440974	
0.28168	9.774673	103.508064	0.753925
0.003757	0.215691	118.490182	
0.42251	9.774673	103.508064	0.753925
0.003757	0.544095	137.160874	
0.56335	9.774673	103.508064	0.753925
0.003757	0.872338	165.325579	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.675837	-84.305798	-0.782886
-0.003753	-0.452008	-40.767947	
0.14084	-10.675837	-84.305798	-0.782886
-0.003753	-0.124801	-36.515041	
0.28168	-10.675837	-84.305798	-0.782886
-0.003753	-0.206457	-55.220473	
0.42251	-10.675837	-84.305798	-0.782886
-0.003753	-0.510685	-75.498038	
0.56335	-10.675837	-84.305798	-0.782886
-0.003753	-0.826419	-106.624431	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.042580	2.711448	0.385448
0.000370	0.217147	3.924493	
0.14084	5.042580	2.711448	0.385448
0.000370	0.055500	3.108158	
0.28168	5.042580	2.711448	0.385448
0.000370	0.112185	2.426462	
0.42251	5.042580	2.711448	0.385448
0.000370	0.281159	1.882559	
0.56335	5.042580	2.711448	0.385448
0.000370	0.451391	1.779912	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096570	-23.950239	-0.404473
-0.000358	-0.227030	-52.785051	
0.14084	-0.096570	-23.950239	-0.404473
-0.000358	-0.057410	-43.073554	
0.28168	-0.096570	-23.950239	-0.404473
-0.000358	-0.106114	-33.473596	
0.42251	-0.096570	-23.950239	-0.404473
-0.000358	-0.267719	-23.903425	
0.56335	-0.096570	-23.950239	-0.404473
-0.000358	-0.429340	-14.359044	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.789537	5.903672	0.617124
0.000946	0.347931	10.580981	
0.14084	8.789537	5.903672	0.617124
0.000946	0.089150	12.894228	
0.28168	8.789537	5.903672	0.617124
0.000946	0.180106	19.729669	
0.42251	8.789537	5.903672	0.617124
0.000946	0.452225	28.233579	
0.56335	8.789537	5.903672	0.617124
0.000946	0.724303	38.076544	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.648130	-52.252317	-0.648918
-0.000936	-0.364879	-69.654119	
0.14084	-1.648130	-52.252317	-0.648918
-0.000936	-0.092796	-53.306605	
0.28168	-1.648130	-52.252317	-0.648918
-0.000936	-0.170389	-38.807340	
0.42251	-1.648130	-52.252317	-0.648918
-0.000936	-0.428381	-25.876731	
0.56335	-1.648130	-52.252317	-0.648918
-0.000936	-0.687147	-15.401692	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.762894	7.510526	0.650342
0.000843	0.368423	66.809059	
0.14084	11.762894	7.510526	0.650342
0.000843	0.095836	92.827787	
0.28168	11.762894	7.510526	0.650342
0.000843	0.188988	121.575975	
0.42251	11.762894	7.510526	0.650342
0.000843	0.473397	152.016335	
0.56335	11.762894	7.510526	0.650342
0.000843	0.757745	183.851163	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.221584	-102.499553	-0.678201
-0.000961	-0.381042	-62.130512	
0.14084	-1.221584	-102.499553	-0.678201
-0.000961	-0.096742	-48.270723	
0.28168	-1.221584	-102.499553	-0.678201
-0.000961	-0.179128	-35.555991	
0.42251	-1.221584	-102.499553	-0.678201
-0.000961	-0.449655	-23.979279	
0.56335	-1.221584	-102.499553	-0.678201
-0.000961	-0.722350	-14.704613	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.147139	91.670089	0.741042
0.004202	0.433423	131.411550	
0.14084	11.147139	91.670089	0.741042
0.004202	0.123031	119.743401	
0.28168	11.147139	91.670089	0.741042
0.004202	0.210947	123.714570	
0.42251	11.147139	91.670089	0.741042
0.004202	0.531168	140.818014	
0.56335	11.147139	91.670089	0.741042
0.004202	0.851301	165.351707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.280606	-87.826403	-0.763571
-0.004206	-0.442712	-53.033312	
0.14084	-8.280606	-87.826403	-0.763571
-0.004206	-0.123803	-40.996646	
0.28168	-8.280606	-87.826403	-0.763571
-0.004206	-0.202858	-45.212451	
0.42251	-8.280606	-87.826403	-0.763571
-0.004206	-0.499559	-56.204445	
0.56335	-8.280606	-87.826403	-0.763571
-0.004206	-0.809993	-79.877665	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.447570	80.206048	0.562152
0.000463	0.321401	2.514387	
0.14084	0.447570	80.206048	0.562152
0.000463	0.093036	3.072870	
0.28168	0.447570	80.206048	0.562152
0.000463	0.188336	3.642595	
0.42251	0.447570	80.206048	0.562152
0.000463	0.457374	4.365516	
0.56335	0.447570	80.206048	0.562152
0.000463	0.726504	5.961015	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.389242	-4.333727	-0.641953
-0.000479	-0.351586	-29.338263	
0.14084	-11.389242	-4.333727	-0.641953
-0.000479	-0.090582	-61.926812	
0.28168	-11.389242	-4.333727	-0.641953
-0.000479	-0.411938	-94.525341	
0.42251	-11.389242	-4.333727	-0.641953
-0.000479	-0.388056	-127.226444	
0.56335	-11.389242	-4.333727	-0.641953
-0.000479	-0.623379	-160.601697	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.729510	174.246503	0.823238
0.006756	0.500004	135.965087	
0.14084	2.729510	174.246503	0.823238
0.006756	0.163846	109.419784	
0.28168	2.729510	174.246503	0.823238
0.006756	0.244493	83.033516	
0.42251	2.729510	174.246503	0.823238
0.006756	0.589707	73.349767	
0.56335	2.729510	174.246503	0.823238
0.006756	0.943365	78.309611	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.851849	-21.897374	-0.861631
-0.006781	-0.509060	-16.674118	
0.14084	-17.851849	-21.897374	-0.861631
-0.006781	-0.157391	-56.032881	
0.28168	-17.851849	-21.897374	-0.861631
-0.006781	-0.220626	-95.579417	
0.42251	-17.851849	-21.897374	-0.861631
-0.006781	-0.541099	-137.314930	
0.56335	-17.851849	-21.897374	-0.861631
-0.006781	-0.883773	-206.399083	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.928693	144.130306	0.960635
0.005041	0.864412	145.959594	
0.14084	5.928693	144.130306	0.960635
0.005041	0.171839	147.547732	
0.28168	5.928693	144.130306	0.960635
0.005041	0.284509	149.204723	
0.42251	5.928693	144.130306	0.960635
0.005041	0.695598	152.819141	
0.56335	5.928693	144.130306	0.960635
0.005041	1.112589	187.025522	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.556549	-65.121086	-1.007927
-0.005076	-0.581510	-14.622031	
0.14084	-15.556549	-65.121086	-1.007927
-0.005076	-0.166915	-50.782734	
0.28168	-15.556549	-65.121086	-1.007927
-0.005076	-0.260981	-87.033002	
0.42251	-15.556549	-65.121086	-1.007927
-0.005076	-0.646165	-124.898930	
0.56335	-15.556549	-65.121086	-1.007927
-0.005076	-1.047369	-182.333561	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.675469	121.335191	1.130869
0.004418	0.656268	123.184733	
0.14084	7.675469	121.335191	1.130869
0.004418	0.189067	124.517733	
0.28168	7.675469	121.335191	1.130869
0.004418	0.333421	128.251832	
0.42251	7.675469	121.335191	1.130869
0.004418	0.820823	142.772928	
0.56335	7.675469	121.335191	1.130869
0.004418	1.312920	170.677141	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.816994	-77.133164	-1.184375
-0.004443	-0.676426	-38.800625	
0.14084	-13.816994	-77.133164	-1.184375
-0.004443	-0.186233	-60.278549	
0.28168	-13.816994	-77.133164	-1.184375
-0.004443	-0.310216	-83.201820	
0.42251	-13.816994	-77.133164	-1.184375
-0.004443	-0.769721	-108.125908	
0.56335	-13.816994	-77.133164	-1.184375
-0.004443	-1.242721	-153.174376	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.856998	54.735972	0.223019
0.004356	0.341709	141.836694	
0.14084	3.856998	54.735972	0.223019
0.004356	0.055357	136.132717	
0.28168	3.856998	54.735972	0.223019
0.004356	0.044370	130.519805	
0.42251	3.856998	54.735972	0.223019
0.004356	0.106764	136.359351	
0.56335	3.856998	54.735972	0.223019
0.004356	0.175181	151.955108	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.636441	-44.423679	-0.175652
-0.004360	-0.123956	-1.301995	
0.14084	-3.636441	-44.423679	-0.175652
-0.004360	-0.051645	-0.850788	
0.28168	-3.636441	-44.423679	-0.175652
-0.004360	-0.059953	-0.531847	
0.42251	-3.636441	-44.423679	-0.175652
-0.004360	-0.135810	-1.627723	
0.56335	-3.636441	-44.423679	-0.175652
-0.004360	-0.227849	-21.393770	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.305920	52.089990	0.541869
0.004413	0.323933	153.664580	
0.14084	7.305920	52.089990	0.541869
0.004413	0.098752	160.745659	
0.28168	7.305920	52.089990	0.541869
0.004413	0.142707	171.311093	
0.42251	7.305920	52.089990	0.541869
0.004413	0.353134	193.390079	
0.56335	7.305920	52.089990	0.541869
0.004413	0.568884	225.103638	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.389648	-82.417258	-0.526908
-0.004433	-0.316753	-6.582863	
0.14084	-4.389648	-82.417258	-0.526908
-0.004433	-0.096942	-5.224525	
0.28168	-4.389648	-82.417258	-0.526908
-0.004433	-0.150127	-3.046947	
0.42251	-4.389648	-82.417258	-0.526908
-0.004433	-0.360735	-2.699139	
0.56335	-4.389648	-82.417258	-0.526908
-0.004433	-0.586554	-21.532806	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.360833	113.147981	0.878276
0.003241	0.510462	151.584576	
0.14084	7.360833	113.147981	0.878276
0.003241	0.145982	138.447490	
0.28168	7.360833	113.147981	0.878276
0.003241	0.248775	150.940162	
0.42251	7.360833	113.147981	0.878276
0.003241	0.556727	183.627227	
0.56335	7.360833	113.147981	0.878276
0.003241	0.988962	203.414195	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.384925	-76.616542	-0.894915
-0.003372	-0.513912	-11.036492	
0.14084	-11.384925	-76.616542	-0.894915
-0.003372	-0.142371	-11.873764	
0.28168	-11.384925	-76.616542	-0.894915
-0.003372	-0.234275	-39.855599	
0.42251	-11.384925	-76.616542	-0.894915
-0.003372	-0.598067	-71.425175	
0.56335	-11.384925	-76.616542	-0.894915
-0.003372	-0.965470	-116.565427	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.231473	96.290118	1.103994
0.003012	0.632831	129.194265	
0.14084	9.231473	96.290118	1.103994
0.003012	0.173042	117.388661	
0.28168	9.231473	96.290118	1.103994
0.003012	0.310948	126.224147	
0.42251	9.231473	96.290118	1.103994
0.003012	0.775253	143.611135	
0.56335	9.231473	96.290118	1.103994
0.003012	1.242147	170.644990	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.723071	-84.756501	-1.120504
-0.003019	-0.636618	-46.537928	
0.14084	-9.723071	-84.756501	-1.120504
-0.003019	-0.171294	-38.577979	
0.28168	-9.723071	-84.756501	-1.120504
-0.003019	-0.304608	-52.801028	
0.42251	-9.723071	-84.756501	-1.120504
-0.003019	-0.758777	-69.900484	
0.56335	-9.723071	-84.756501	-1.120504
-0.003019	-1.221058	-100.615223	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.393699	3.323019	0.593830
0.000304	0.330969	4.965102	
0.14084	5.393699	3.323019	0.593830
0.000304	0.082363	3.931447	
0.28168	5.393699	3.323019	0.593830
0.000304	0.160576	2.991286	
0.42251	5.393699	3.323019	0.593830
0.000304	0.406618	2.110246	
0.56335	5.393699	3.323019	0.593830
0.000304	0.651664	1.928885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.108512	-30.926533	-0.585144
-0.000296	-0.330028	-64.034501	
0.14084	-0.108512	-30.926533	-0.585144
-0.000296	-0.083929	-51.399616	
0.28168	-0.108512	-30.926533	-0.585144
-0.000296	-0.166961	-38.888954	
0.42251	-0.108512	-30.926533	-0.585144
-0.000296	-0.415740	-26.388351	
0.56335	-0.108512	-30.926533	-0.585144
-0.000296	-0.664814	-14.454342	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.570181	5.860129	0.945806
0.000743	0.528125	11.501723	
0.14084	8.570181	5.860129	0.945806
0.000743	0.132217	14.222543	
0.28168	8.570181	5.860129	0.945806
0.000743	0.266070	22.036963	
0.42251	8.570181	5.860129	0.945806
0.000743	0.669447	31.136365	
0.56335	8.570181	5.860129	0.945806
0.000743	1.071446	41.802669	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.583876	-61.891855	-0.960014
-0.000731	-0.538647	-81.378709	
0.14084	-1.583876	-61.891855	-0.960014
-0.000731	-0.135471	-61.318575	
0.28168	-1.583876	-61.891855	-0.960014
-0.000731	-0.265592	-44.243629	
0.42251	-1.583876	-61.891855	-0.960014
-0.000731	-0.661530	-27.947486	
0.56335	-1.583876	-61.891855	-0.960014
-0.000731	-1.058237	-14.803699	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.167104	4.676350	0.998343
0.000455	0.557592	77.557158	
0.14084	11.167104	4.676350	0.998343
0.000455	0.139763	102.327975	
0.28168	11.167104	4.676350	0.998343
0.000455	0.274040	130.405161	
0.42251	11.167104	4.676350	0.998343
0.000455	0.692480	159.237808	
0.56335	11.167104	4.676350	0.998343
0.000455	1.109764	189.164504	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.054457	-104.906723	-0.995983
-0.000440	-0.559779	-72.771882	
0.14084	-1.054457	-104.906723	-0.995983
-0.000440	-0.141261	-55.418933	
0.28168	-1.054457	-104.906723	-0.995983
-0.000440	-0.280549	-40.261787	
0.42251	-1.054457	-104.906723	-0.995983
-0.000440	-0.698499	-25.716577	
0.56335	-1.054457	-104.906723	-0.995983
-0.000440	-1.117004	-13.184986	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.741732	81.533432	1.114524
0.003079	0.638259	140.611740	
0.14084	10.741732	81.533432	1.114524
0.003079	0.173008	129.970040	
0.28168	10.741732	81.533432	1.114524
0.003079	0.303477	133.568802	
0.42251	10.741732	81.533432	1.114524
0.003079	0.760599	149.686638	
0.56335	10.741732	81.533432	1.114524
0.003079	1.220255	173.521767	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.302129	-90.432719	-1.103879
-0.003079	-0.633436	-62.101812	
0.14084	-7.302129	-90.432719	-1.103879
-0.003079	-0.171601	-47.100957	
0.28168	-7.302129	-90.432719	-1.103879
-0.003079	-0.309204	-46.381999	
0.42251	-7.302129	-90.432719	-1.103879
-0.003079	-0.766246	-53.059087	
0.56335	-7.302129	-90.432719	-1.103879
-0.003079	-1.232592	-72.981665	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.762894	176.709969	0.800614
0.006850	0.467673	143.552073	
0.14084	11.762894	176.709969	0.800614
0.006850	0.132294	149.884358	
0.28168	11.762894	176.709969	0.800614
0.006850	0.228707	159.454178	
0.42251	11.762894	176.709969	0.800614
0.006850	0.577739	183.556550	
0.56335	11.762894	176.709969	0.800614
0.006850	0.926663	217.660050	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.262781	-102.499553	-0.832179
-0.006855	-0.482889	-69.654119	
0.14084	-18.262781	-102.499553	-0.832179
-0.006855	-0.135246	-55.488921	
0.28168	-18.262781	-102.499553	-0.832179
-0.006855	-0.210212	-92.760863	
0.42251	-18.262781	-102.499553	-0.832179
-0.006855	-0.540638	-136.042523	
0.56335	-18.262781	-102.499553	-0.832179
-0.006855	-0.875720	-201.094661	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.167104	174.246503	1.130869
0.006756	0.656268	153.664580	
0.14084	11.167104	174.246503	1.130869
0.006756	0.189067	160.745659	
0.28168	11.167104	174.246503	1.130869
0.006756	0.333421	171.311093	
0.42251	11.167104	174.246503	1.130869
0.006756	0.820823	193.390079	
0.56335	11.167104	174.246503	1.130869
0.006756	1.312920	225.103638	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.851849	-104.906723	-1.184375
-0.006781	-0.676426	-81.378709	
0.14084	-17.851849	-104.906723	-1.184375
-0.006781	-0.186233	-61.926812	
0.28168	-17.851849	-104.906723	-1.184375
-0.006781	-0.310216	-95.579417	
0.42251	-17.851849	-104.906723	-1.184375
-0.006781	-0.769721	-137.314930	
0.56335	-17.851849	-104.906723	-1.184375
-0.006781	-1.242721	-206.399083	

COMB CAR ---------- MAX

```
REL DIST          P          V2          V3
         T         M2         M3
0.00000   11.762894  176.709969   1.130869
0.006850   0.656268  153.664580
0.14084   11.762894  176.709969   1.130869
0.006850   0.189067  160.745659
0.28168   11.762894  176.709969   1.130869
0.006850   0.333421  171.311093
0.42251   11.762894  176.709969   1.130869
0.006850   0.820823  193.390079
0.56335   11.762894  176.709969   1.130869
0.006850   1.312920  225.103638
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2900

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -18.262781  -104.906723   -1.184375
-0.006855   -0.676426   -81.378709
0.14084  -18.262781  -104.906723   -1.184375
-0.006855   -0.186233   -61.926812
0.28168  -18.262781  -104.906723   -1.184375
-0.006855   -0.310216   -95.579417
0.42251  -18.262781  -104.906723   -1.184375
-0.006855   -0.769721  -137.314930
0.56335  -18.262781  -104.906723   -1.184375
-0.006855   -1.242721  -206.399083

COMB   DESIGN  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   11.762894  176.709969   1.130869
0.006850   0.656268  153.664580
0.14084   11.762894  176.709969   1.130869
0.006850   0.189067  160.745659
0.28168   11.762894  176.709969   1.130869
0.006850   0.333421  171.311093
0.42251   11.762894  176.709969   1.130869
0.006850   0.820823  193.390079
0.56335   11.762894  176.709969   1.130869
0.006850   1.312920  225.103638

COMB   DESIGN  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -18.262781  -104.906723   -1.184375
-0.006855   -0.676426   -81.378709
0.14084  -18.262781  -104.906723   -1.184375
-0.006855   -0.186233   -61.926812
0.28168  -18.262781  -104.906723   -1.184375
-0.006855   -0.310216   -95.579417
0.42251  -18.262781  -104.906723   -1.184375
-0.006855   -0.769721  -137.314930
0.56335  -18.262781  -104.906723   -1.184375
-0.006855   -1.242721  -206.399083

ELEM      268  ========== LENGTH
=     2.976708

COMB DB-G1-1  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   0.503965   80.429661   0.423368
0.000338   0.473203  112.379426
0.57754   0.503965   80.429661   0.423368
0.000338   0.295945   78.719411
0.71836   0.503965   80.429661   0.423368
0.000338   0.118696   45.141127
0.85918   0.503965   80.429661   0.423368
0.000338   0.061498   11.831938
1.00000   0.503965   80.429661   0.423368
0.000338   0.250298   2.211054

COMB DB-G1-1  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -13.133801   -2.908333   -0.450318
-0.001011   -0.504760   -4.545376
0.57754  -13.133801   -2.908333   -0.450318
-0.001011   -0.315997   -3.510211
0.71836  -13.133801   -2.908333   -0.450318
-0.001011   -0.127228   -2.802736
0.85918  -13.133801   -2.908333   -0.450318
-0.001011   -0.059246   -3.406948
1.00000  -13.133801   -2.908333   -0.450318
-0.001011   -0.236748  -23.689356

COMB DB-G1-2  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   5.000834  112.868716   0.677148
0.006527   0.734418  210.909528
0.57754   5.000834  112.868716   0.677148
0.006527   0.450589  167.594187
0.71836   5.000834  112.868716   0.677148
0.006527   0.189799  136.771800
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2901

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.85918   5.000834  112.868716   0.677148
0.006527   0.100882  123.711832
1.00000   5.000834  112.868716   0.677148
0.006527   0.328378  123.842749

COMB DB-G1-2  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -16.348196  -83.328724   -0.580255
-0.007409   -0.650812   -28.288174
0.57754  -16.348196  -83.328724   -0.580255
-0.007409   -0.407584   -7.318157
0.71836  -16.348196  -83.328724   -0.580255
-0.007409   -0.164304   -4.542461
0.85918  -16.348196  -83.328724   -0.580255
-0.007409   -0.127571   -3.585977
1.00000  -16.348196  -83.328724   -0.580255
-0.007409   -0.409414  -10.488787

COMB DB-G1-3  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   8.212922  101.554360   0.833985
0.004893   0.919112  199.537707
0.57754   8.212922  101.554360   0.833985
0.004893   0.569531  161.001401
0.71836   8.212922  101.554360   0.833985
0.004893   0.235674  131.727596
0.85918   8.212922  101.554360   0.833985
0.004893   0.110690  116.980684
1.00000   8.212922  101.554360   0.833985
0.004893   0.390138  125.304995

COMB DB-G1-3  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -14.976012  -112.817849   -0.691691
-0.005564   -0.773915   -72.440003
0.57754  -14.976012  -112.817849   -0.691691
-0.005564   -0.483983   -33.702866
0.71836  -14.976012  -112.817849   -0.691691
-0.005564   -0.193979   -6.820615
0.85918  -14.976012  -112.817849   -0.691691
-0.005564   -0.133190   -3.675874
1.00000  -14.976012  -112.817849   -0.691691
-0.005564   -0.481208   -8.699271

COMB DB-G1-4  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.920144   85.242011   0.922808
0.004353   1.020152  168.133888
0.57754   9.920144   85.242011   0.922808
0.004353   0.633337  135.759991
0.71836   9.920144   85.242011   0.922808
0.004353   0.259568  111.092437
0.85918   9.920144   85.242011   0.922808
0.004353   0.128491   98.488107
1.00000   9.920144   85.242011   0.922808
0.004353   0.466989  105.126807

COMB DB-G1-4  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -13.963123  -113.723010   -0.829319
-0.004620   -0.927090  -115.194486
0.57754  -13.963123  -113.723010   -0.829319
-0.004620   -0.579472   -74.913294
0.71836  -13.963123  -113.723010   -0.829319
-0.004620   -0.231750   -45.059849
0.85918  -13.963123  -113.723010   -0.829319
-0.004620   -0.143177   -34.823155
1.00000  -13.963123  -113.723010   -0.829319
-0.004620   -0.528749   -31.217674

COMB DB-G2-1  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   5.937875   9.843389   0.288960
0.005389   0.304738   55.132429
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2902

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.57754   5.937875   9.843389   0.288960
0.005389   0.183635   55.404580
0.71836   5.937875   9.843389   0.288960
0.005389   0.081818   86.607869
0.85918   5.937875   9.843389   0.288960
0.005389   0.034704   95.428479
1.00000   5.937875   9.843389   0.288960
0.005389   0.070067  135.582730

COMB DB-G2-1  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -1.104238   -99.002985   -0.115684
-0.005479   -0.129159   -39.175354
0.57754   -1.104238   -99.002985   -0.115684
-0.005479   -0.080667   -9.248388
0.71836   -1.104238   -99.002985   -0.115684
-0.005479   -0.032152   -1.417351
0.85918   -1.104238   -99.002985   -0.115684
-0.005479   -0.066963   -1.159909
1.00000   -1.104238   -99.002985   -0.115684
-0.005479   -0.181966   -0.904432

COMB DB-G2-2  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   10.127537   8.996809   0.547935
0.005414   0.596317   56.522056
0.57754   10.127537   8.996809   0.547935
0.005414   0.366642   57.317198
0.71836   10.127537   8.996809   0.547935
0.005414   0.154974   68.697804
0.85918   10.127537   8.996809   0.547935
0.005414   0.069331   96.570108
1.00000   10.127537   8.996809   0.547935
0.005414   0.208115  141.871978

COMB DB-G2-2  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -2.481146  -136.483200   -0.361480
-0.005242   -0.402680  -100.473336
0.57754   -2.481146  -136.483200   -0.361480
-0.005242   -0.251374   -53.309356
0.71836   -2.481146  -136.483200   -0.361480
-0.005242   -0.099766   -20.534304
0.85918   -2.481146  -136.483200   -0.361480
-0.005242   -0.096775   -13.826251
1.00000   -2.481146  -136.483200   -0.361480
-0.005242   -0.324635   -9.461810

COMB DB-G2-3  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.732487   87.331668   0.758089
0.004060   0.837077  204.216439
0.57754   9.732487   87.331668   0.758089
0.004060   0.519309  171.241646
0.71836   9.732487   87.331668   0.758089
0.004060   0.214286  146.055278
0.85918   9.732487   87.331668   0.758089
0.004060   0.099865  133.429077
1.00000   9.732487   87.331668   0.758089
0.004060   0.352863  137.172680

COMB DB-G2-3  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.838056  -114.952045   -0.625385
-0.004406   -0.699134   -91.291456
0.57754  -11.838056  -114.952045   -0.625385
-0.004406   -0.437004   -50.269032
0.71836  -11.838056  -114.952045   -0.625385
-0.004406   -0.174749   -20.267450
0.85918  -11.838056  -114.952045   -0.625385
-0.004406   -0.119077   -13.957945
1.00000  -11.838056  -114.952045   -0.625385
-0.004406   -0.435626   -9.650659
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2903

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   11.440199   73.533689   0.879454
0.003673   0.974171  172.659432
0.57754   11.440199   73.533689   0.879454
0.003673   0.605528  144.870779
0.71836   11.440199   73.533689   0.879454
0.003673   0.247532  123.588013
0.85918   11.440199   73.533689   0.879454
0.003673   0.121980  112.805961
1.00000   11.440199   73.533689   0.879454
0.003673   0.448048  115.678471

COMB DB-G2-4  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -10.098180  -112.152698   -0.795710
-0.003688   -0.888980  -133.742363
0.57754  -10.098180  -112.152698   -0.795710
-0.003688   -0.555448   -92.746296
0.71836  -10.098180  -112.152698   -0.795710
-0.003688   -0.221817   -60.693193
0.85918  -10.098180  -112.152698   -0.795710
-0.003688   -0.134135   -48.600427
1.00000  -10.098180  -112.152698   -0.795710
-0.003688   -0.501774   -38.336334

COMB DB-G3-1  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   5.575959   1.389202   0.390240
0.000428   0.435958   4.567778
0.57754   5.575959   1.389202   0.390240
0.000428   0.272379   4.009062
0.71836   5.575959   1.389202   0.390240
0.000428   0.108824   3.467703
0.85918   5.575959   1.389202   0.390240
0.000428   0.061423   2.963098
1.00000   5.575959   1.389202   0.390240
0.000428   0.242542   2.507776

COMB DB-G3-1  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -0.148516   -23.899178   -0.432442
-1.05E-05   -0.482542   -90.056058
0.57754   -0.148516   -23.899178   -0.432442
-1.05E-05   -0.301274   -80.126095
0.71836   -0.148516   -23.899178   -0.432442
-1.05E-05   -0.119991   -70.226410
0.85918   -0.148516   -23.899178   -0.432442
-1.05E-05   -0.054725   -60.328536
1.00000   -0.148516   -23.899178   -0.432442
-1.05E-05   -0.218364   -50.456843

COMB DB-G3-2  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.318503   2.168413   0.637928
0.000971   0.711834   7.734485
0.57754   9.318503   2.168413   0.637928
0.000971   0.444437   7.139453
0.71836   9.318503   2.168413   0.637928
0.000971   0.177806   7.053680
0.85918   9.318503   2.168413   0.637928
0.000971   0.101176   7.625780
1.00000   9.318503   2.168413   0.637928
0.000971   0.389753   8.963028

COMB DB-G3-2  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -2.453309   -54.455665   -0.694292
-0.000246   -0.774563   -150.091517
0.57754   -2.453309   -54.455665   -0.694292
-0.000246   -0.483541   -128.220273
0.71836   -2.453309   -54.455665   -0.694292
-0.000246   -0.192448   -107.364710
0.85918   -2.453309   -54.455665   -0.694292
-0.000246   -0.090501   -86.695311
1.00000   -2.453309   -54.455665   -0.694292
-0.000246   -0.357867   -67.377214
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2904

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   12.507127   3.023165   0.798728
0.001327   0.893466   30.372661
0.57754   12.507127   3.023165   0.798728
0.001327   0.558658   31.019128
0.71836   12.507127   3.023165   0.798728
0.001327   0.223862   33.542742
0.85918   12.507127   3.023165   0.798728
0.001327   0.106322   40.791524
1.00000   12.507127   3.023165   0.798728
0.001327   0.412681   64.426417

COMB DB-G3-3  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -1.558005  -106.230672   -0.733524
-0.000678   -0.817552  -172.710909
0.57754   -1.558005  -106.230672   -0.733524
-0.000678   -0.510094  -129.107634
0.71836   -1.558005  -106.230672   -0.733524
-0.000678   -0.202546   -89.216794
0.85918   -1.558005  -106.230672   -0.733524
-0.000678   -0.111530   -73.365993
1.00000   -1.558005  -106.230672   -0.733524
-0.000678   -0.446090   -59.425752

COMB DB-G3-4  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   13.298549   55.441129   0.878539
0.004184   0.971020  148.633294
0.57754   13.298549   55.441129   0.878539
0.004184   0.602761  128.700892
0.71836   13.298549   55.441129   0.878539
0.004184   0.247104  116.261142
0.85918   13.298549   55.441129   0.878539
0.004184   0.123395  115.669812
1.00000   13.298549   55.441129   0.878539
0.004184   0.445247  128.485929

COMB DB-G3-4  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -6.897836  -120.948267   -0.788879
-0.003965   -0.880932   -152.676428
0.57754   -6.897836  -120.948267   -0.788879
-0.003965   -0.550266   -109.069292
0.71836   -6.897836  -120.948267   -0.788879
-0.003965   -0.219517   -75.711240
0.85918   -6.897836  -120.948267   -0.788879
-0.003965   -0.136563   -62.051096
1.00000   -6.897836  -120.948267   -0.788879
-0.003965   -0.503603   -50.169846

COMB DL-G1-1  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   0.671743   80.656545   0.562141
0.000278   0.638052  109.278225
0.57754   0.671743   80.656545   0.562141
0.000278   0.403232   75.772519
0.71836   0.671743   80.656545   0.562141
0.000278   0.167552   42.636313
0.85918   0.671743   80.656545   0.562141
0.000278   0.100118   10.857708
1.00000   0.671743   80.656545   0.562141
0.000278   0.362195   2.528539

COMB DL-G1-1  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -13.517668   -3.086805   -0.628557
-0.000917   -0.692432   -5.545864
0.57754  -13.517668   -3.086805   -0.628557
-0.000917   -0.429107   -4.540983
0.71836  -13.517668   -3.086805   -0.628557
-0.000917   -0.166203   -4.279401
0.85918  -13.517668   -3.086805   -0.628557
-0.000917   -0.070260   -5.291577
1.00000  -13.517668   -3.086805   -0.628557
-0.000917   -0.305181   -29.260262
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2905

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   5.905222  111.503725   0.955961
0.006464   1.051543  213.397565
0.57754   5.905222  111.503725   0.955961
0.006464   0.657632  172.545590
0.71836   5.905222  111.503725   0.955961
0.006464   0.272299  144.205910
0.85918   5.905222  111.503725   0.955961
0.006464   0.149595  131.515291
1.00000   5.905222  111.503725   0.955961
0.006464   0.473949  133.862624

COMB DL-G1-2  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -16.316114   -79.243200   -0.787694
-0.007287   -0.870135   -31.133468
0.57754  -16.316114   -79.243200   -0.787694
-0.007287   -0.541000   -8.091726
0.71836  -16.316114   -79.243200   -0.787694
-0.007287   -0.212558   -5.352573
0.85918  -16.316114   -79.243200   -0.787694
-0.007287   -0.158937   -4.605415
1.00000  -16.316114   -79.243200   -0.787694
-0.007287   -0.558127   -16.655950

COMB DL-G1-3  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   8.414209   99.885379   1.258137
0.004960   1.395071  197.413203
0.57754   8.414209   99.885379   1.258137
0.004960   0.872095  161.896175
0.71836   8.414209   99.885379   1.258137
0.004960   0.355894  137.277473
0.85918   8.414209   99.885379   1.258137
0.004960   0.166109  131.462380
1.00000   8.414209   99.885379   1.258137
0.004960   0.566891  143.009149

COMB DL-G1-3  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -15.003840  -106.325219   -0.967100
-0.005587   -1.069989   -65.864946
0.57754  -15.003840  -106.325219   -0.967100
-0.005587   -0.664952   -30.264416
0.71836  -15.003840  -106.325219   -0.967100
-0.005587   -0.261191   -9.951063
0.85918  -15.003840  -106.325219   -0.967100
-0.005587   -0.193693   -5.113749
1.00000  -15.003840  -106.325219   -0.967100
-0.005587   -0.719331   -14.494143

COMB DL-G1-4  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.763121   83.986913   1.488033
0.004362   1.651722  166.900832
0.57754   9.763121   83.986913   1.488033
0.004362   1.031685  136.993171
0.71836   9.763121   83.986913   1.488033
0.004362   0.417277  116.164641
0.85918   9.763121   83.986913   1.488033
0.004362   0.193525  110.906595
1.00000   9.763121   83.986913   1.488033
0.004362   0.680705  120.065228

COMB DL-G1-4  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -13.732697  -110.982204   -1.172546
-0.004647   -1.299066   -116.423822
0.57754  -13.732697  -110.982204   -1.172546
-0.004647   -0.807854   -77.566708
0.71836  -13.732697  -110.982204   -1.172546
-0.004647   -0.317365   -51.498262
0.85918  -13.732697  -110.982204   -1.172546
-0.004647   -0.224854   -38.672254
1.00000  -13.732697  -110.982204   -1.172546
-0.004647   -0.847070   -37.504467
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              2906

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   6.123130   10.356207   0.433096
0.004509   0.462023   62.443324
0.57754   6.123130   10.356207   0.433096
0.004509   0.284221   64.767656
0.71836   6.123130   10.356207   0.433096
0.004509   0.113065   78.550581
0.85918   6.123130   10.356207   0.433096
0.004509   0.042175  105.945546
1.00000   6.123130   10.356207   0.433096
0.004509   0.104647  139.046569

COMB DL-G2-1  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -1.090334   -85.694827   -0.155942
-0.004596   -0.172067   -36.428841
0.57754   -1.090334   -85.694827   -0.155942
-0.004596   -0.107455   -9.758990
0.71836   -1.090334   -85.694827   -0.155942
-0.004596   -0.042902   -1.457048
0.85918   -1.090334   -85.694827   -0.155942
-0.004596   -0.090565   -1.198701
1.00000   -1.090334   -85.694827   -0.155942
-0.004596   -0.268564   -0.942662

COMB DL-G2-2  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.485190   9.706819   0.918360
0.004625   1.004323   60.441143
0.57754   9.485190   9.706819   0.918360
0.004625   0.623268   63.072681
0.71836   9.485190   9.706819   0.918360
0.004625   0.248462   76.873222
0.85918   9.485190   9.706819   0.918360
0.004625   0.098725  109.725502
1.00000   9.485190   9.706819   0.918360
0.004625   0.317634  150.182574

COMB DL-G2-2  ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -2.279519  -122.565229   -0.531954
-0.004502   -0.589833   -91.173320
0.57754   -2.279519  -122.565229   -0.531954
-0.004502   -0.366843   -48.961511
0.71836   -2.279519  -122.565229   -0.531954
-0.004502   -0.144703   -21.963903
0.85918   -2.279519  -122.565229   -0.531954
-0.004502   -0.155947   -13.794440
1.00000   -2.279519  -122.565229   -0.531954
-0.004502   -0.540078   -8.964698

COMB DL-G2-3  ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   9.375280   86.174493   1.225967
0.003141   1.362070  208.279403
0.57754   9.375280   86.174493   1.225967
0.003141   0.850639  177.557571
0.71836   9.375280   86.174493   1.225967
0.003141   0.343811  155.091457
0.85918   9.375280   86.174493   1.225967
0.003141   0.140337  147.521696
1.00000   9.375280   86.174493   1.225967
0.003141   0.497195  146.980106
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COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-11.259508	-101.859561	-0.861082
-0.003562	-0.956949	-82.759210	
0.57754	-11.259508	-101.859561	-0.861082
-0.003562	-0.596053	-46.932179	
0.71836	-11.259508	-101.859561	-0.861082
-0.003562	-0.236490	-21.877822	
0.85918	-11.259508	-101.859561	-0.861082
-0.003562	-0.184140	-14.325687	
1.00000	-11.259508	-101.859561	-0.861082
-0.003562	-0.696953	-9.546131	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2907

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	11.082172	72.769447	1.517293
0.002874	1.885506	176.750638	
0.57754	11.082172	72.769447	1.517293
0.002874	1.051611	150.743149	
0.71836	11.082172	72.769447	1.517293
0.002874	0.421620	131.616518	
0.85918	11.082172	72.769447	1.517293
0.002874	0.172136	125.034863	
1.00000	11.082172	72.769447	1.517293
0.002874	0.635945	124.337206	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-9.702894	-105.268090	-1.112543
-0.002984	-1.037827	-137.734391	
0.57754	-9.702894	-105.268090	-1.112543
-0.002984	-0.771592	-99.451121	
0.71836	-9.702894	-105.268090	-1.112543
-0.002984	-0.305881	-70.138537	
0.85918	-9.702894	-105.268090	-1.112543
-0.002984	-0.225935	-55.335827	
1.00000	-9.702894	-105.268090	-1.112543
-0.002984	-0.860962	-43.120789	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	5.850327	1.705498	0.806814
0.000384	0.894000	5.761950	
0.57754	5.850327	1.705498	0.806814
0.000384	0.555796	5.063333	
0.71836	5.850327	1.705498	0.806814
0.000384	0.217603	4.380951	
0.85918	5.850327	1.705498	0.806814
0.000384	0.088619	3.716761	
1.00000	5.850327	1.705498	0.806814
0.000384	0.351505	3.142269	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.162916	-29.613126	-0.625132
-7.84E-06	-0.696853	-109.088880	
0.57754	-0.162916	-29.613126	-0.625132
-7.84E-06	-0.434956	-96.736160	
0.71836	-0.162916	-29.613126	-0.625132
-7.84E-06	-0.172477	-84.383552	
0.85918	-0.162916	-29.613126	-0.625132
-7.84E-06	-0.120070	-72.132159	
1.00000	-0.162916	-29.613126	-0.625132
-7.84E-06	-0.457977	-59.928403	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	9.044811	2.538867	1.284643
0.000806	1.425915	9.096957	
0.57754	9.044811	2.538867	1.284643
0.000806	0.887553	8.292262	
0.71836	9.044811	2.538867	1.284643
0.000806	0.349868	7.779821	
0.85918	9.044811	2.538867	1.284643
0.000806	0.153848	7.798553	
1.00000	9.044811	2.538867	1.284643
0.000806	0.582372	9.213984	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-2.151771	-61.778890	-1.023435
-0.000166	-1.137561	-173.073082	
0.57754	-2.151771	-61.778890	-1.023435
-0.000166	-0.709224	-147.734357	
0.71836	-2.151771	-61.778890	-1.023435
-0.000166	-0.279731	-123.044328	
0.85918	-2.151771	-61.778890	-1.023435
-0.000166	-0.189147	-99.231511	
1.00000	-2.151771	-61.778890	-1.023435
-0.000166	-0.527180	-76.923409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2908

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	11.895338	3.084017	1.504963
0.000873	1.669587	30.156417	
0.57754	11.895338	3.084017	1.504963
0.000873	1.039084	32.350096	
0.71836	11.895338	3.084017	1.504963
0.000873	0.408734	34.048288	
0.85918	11.895338	3.084017	1.504963
0.000873	0.155842	52.343431	
1.00000	11.895338	3.084017	1.504963
0.000873	0.603607	73.815736	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-1.596504	-104.245105	-1.068916
-0.000307	-1.189379	-183.060294	
0.57754	-1.596504	-104.245105	-1.068916
-0.000307	-0.741169	-142.421295	
0.71836	-1.596504	-104.245105	-1.068916
-0.000307	-0.292385	-104.944253	
0.85918	-1.596504	-104.245105	-1.068916
-0.000307	-0.222673	-85.744703	
1.00000	-1.596504	-104.245105	-1.068916
-0.000307	-0.852881	-68.358947	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	12.897680	55.510630	1.591478
0.003150	1.762287	156.045539	
0.57754	12.897680	55.510630	1.591478
0.003150	1.097521	137.523427	
0.71836	12.897680	55.510630	1.591478
0.003150	0.436472	126.365800	
0.85918	12.897680	55.510630	1.591478
0.003150	0.172351	127.943786	
1.00000	12.897680	55.510630	1.591478
0.003150	0.638087	135.397122	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-6.653580	-112.709307	-1.116560
-0.002963	-1.244063	-161.392017	
0.57754	-6.653580	-112.709307	-1.116560
-0.002963	-0.776403	-120.364520	
0.71836	-6.653580	-112.709307	-1.116560
-0.002963	-0.308249	-89.042560	
0.85918	-6.653580	-112.709307	-1.116560
-0.002963	-0.246342	-72.598707	
1.00000	-6.653580	-112.709307	-1.116560
-0.002963	-0.908570	-57.831753	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	13.298549	112.868716	0.922808
0.006527	1.298152	210.909528	
0.57754	13.298549	112.868716	0.922808
0.006527	0.633337	171.241646	
0.71836	13.298549	112.868716	0.922808
0.006527	0.259568	146.055278	
0.85918	13.298549	112.868716	0.922808
0.006527	0.128491	133.429077	
1.00000	13.298549	112.868716	0.922808
0.006527	0.466989	141.871978	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-16.348196	-136.483200	-0.829319
-0.007409	-0.927090	-172.710909	
0.57754	-16.348196	-136.483200	-0.829319
-0.007409	-0.579472	-129.107634	
0.71836	-16.348196	-136.483200	-0.829319
-0.007409	-0.231750	-107.364710	
0.85918	-16.348196	-136.483200	-0.829319
-0.007409	-0.143177	-86.695311	
1.00000	-16.348196	-136.483200	-0.829319
-0.007409	-0.528749	-67.277214	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2909

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	12.897680	111.503725	1.591478
0.006464	1.762287	213.397565	
0.57754	12.897680	111.503725	1.591478
0.006464	1.097521	177.557571	
0.71836	12.897680	111.503725	1.591478
0.006464	0.436472	155.091457	
0.85918	12.897680	111.503725	1.591478
0.006464	0.193525	147.521696	
1.00000	12.897680	111.503725	1.591478
0.006464	0.680705	150.182574	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-16.316114	-122.565229	-1.172546
-0.007287	-1.249066	-183.060294	
0.57754	-16.316114	-122.565229	-1.172546
-0.007287	-0.807854	-147.734357	
0.71836	-16.316114	-122.565229	-1.172546
-0.007287	-0.317365	-123.044328	
0.85918	-16.316114	-122.565229	-1.172546
-0.007287	-0.246342	-99.231511	
1.00000	-16.316114	-122.565229	-1.172546
-0.007287	-0.908570	-76.923409	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	13.298549	112.868716	1.591478
0.006527	1.762287	213.397565	
0.57754	13.298549	112.868716	1.591478
0.006527	1.097521	177.557571	
0.71836	13.298549	112.868716	1.591478
0.006527	0.436472	155.091457	
0.85918	13.298549	112.868716	1.591478
0.006527	0.193525	147.521696	
1.00000	13.298549	112.868716	1.591478
0.006527	0.680705	150.182574	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-16.348196	-136.483200	-1.172546
-0.007409	-1.299066	-183.060294	
0.57754	-16.348196	-136.483200	-1.172546
-0.007409	-0.807854	-147.734357	
0.71836	-16.348196	-136.483200	-1.172546
-0.007409	-0.317365	-123.044328	
0.85918	-16.348196	-136.483200	-1.172546
-0.007409	-0.246342	-99.231511	
1.00000	-16.348196	-136.483200	-1.172546
-0.007409	-0.908570	-76.923409	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	13.298549	112.868716	1.591478
0.006527	1.762287	213.397565	
0.57754	13.298549	112.868716	1.591478
0.006527	1.097521	177.557571	
0.71836	13.298549	112.868716	1.591478
0.006527	0.436472	155.091457	
0.85918	13.298549	112.868716	1.591478
0.006527	0.193525	147.521696	
1.00000	13.298549	112.868716	1.591478
0.006527	0.680705	150.182574	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-16.348196	-136.483200	-1.172546
-0.007409	-1.299066	-183.060294	
0.57754	-16.348196	-136.483200	-1.172546
-0.007409	-0.807854	-147.734357	
0.71836	-16.348196	-136.483200	-1.172546
-0.007409	-0.317365	-123.044328	
0.85918	-16.348196	-136.483200	-1.172546
-0.007409	-0.246342	-99.231511	
1.00000	-16.348196	-136.483200	-1.172546
-0.007409	-0.908570	-76.923409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2910

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 269 ========== LENGTH = 2.977871

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.507916	79.990327	0.436950
0.000154	0.247506	2.211113	
0.14086	0.507916	79.990327	0.436950
0.000154	0.064210	2.863678	
0.28172	0.507916	79.990327	0.436950
0.000154	0.127718	3.591840	
0.42258	0.507916	79.990327	0.436950
0.000154	0.325442	4.377715	
0.56345	0.507916	79.990327	0.436950
0.000154	0.523160	5.247684	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.084242	-2.866149	-0.471353
-0.000964	-0.267715	-23.726492	
0.14086	-13.084242	-2.866149	-0.471353
-0.000964	-0.070240	-56.955098	
0.28172	-13.084242	-2.866149	-0.471353
-0.000964	-0.119075	-90.406539	
0.42258	-13.084242	-2.866149	-0.471353
-0.000964	-0.302354	-123.864994	
0.56345	-13.084242	-2.866149	-0.471353
-0.000964	-0.485640	-157.360475	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.818914	178.057220	0.704357
0.006282	0.429075	124.212263	
0.14086	3.818914	178.057220	0.704357
0.006282	0.130274	99.135685	
0.28172	3.818914	178.057220	0.704357
0.006282	0.164965	74.319184	
0.42258	3.818914	178.057220	0.704357
0.006282	0.421179	67.478444	
0.56345	3.818914	178.057220	0.704357
0.006282	0.677340	73.196352	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-20.267952	-23.148649	-0.610672
-0.007416	-0.351511	-10.534944	
0.14086	-20.267952	-23.148649	-0.610672
-0.007416	-0.116743	-52.605453	
0.28172	-20.267952	-23.148649	-0.610672
-0.007416	-0.191074	-95.029486	
0.42258	-20.267952	-23.148649	-0.610672
-0.007416	-0.462647	-139.283819	
0.56345	-20.267952	-23.148649	-0.610672
-0.007416	-0.758101	-205.065430	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.503513	145.763320	0.878496
0.004343	0.514442	125.521279	
0.14086	7.503513	145.763320	0.878496
0.004343	0.146374	132.196161	
0.28172	7.503513	145.763320	0.878496
0.004343	0.194630	138.394242	
0.42258	7.503513	145.763320	0.878496
0.004343	0.493610	157.895158	
0.56345	7.503513	145.763320	0.878496
0.004343	0.792491	185.467742	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.607269	-72.335203	-0.712568
-0.005425	-0.405987	-8.739393	
0.14086	-17.607269	-72.335203	-0.712568
-0.005425	-0.120322	-47.560633	
0.28172	-17.607269	-72.335203	-0.712568
-0.005425	-0.239750	-86.616752	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2911

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42258	-17.607269	-72.335203	-0.712568
-0.005425	-0.591985	-126.870321	
0.56345	-17.607269	-72.335203	-0.712568
-0.005425	-0.960486	-181.744105	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.371730	121.923979	0.960592
0.004057	0.557085	105.309643	
0.14086	9.371730	121.923979	0.960592
0.004057	0.154474	111.360272	
0.28172	9.371730	121.923979	0.960592
0.004057	0.232371	119.495921	
0.42258	9.371730	121.923979	0.960592
0.004057	0.587570	139.126175	
0.56345	9.371730	121.923979	0.960592
0.004057	0.942674	169.228190	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.141021	-80.360318	-0.846586
-0.004581	-0.480174	-31.267321	
0.14086	-16.141021	-80.360318	-0.846586
-0.004581	-0.136008	-55.880285	
0.28172	-16.141021	-80.360318	-0.846586
-0.004581	-0.263044	-81.764498	
0.42258	-16.141021	-80.360318	-0.846586
-0.004581	-0.652493	-109.574958	
0.56345	-16.141021	-80.360318	-0.846586
-0.004581	-1.055431	-151.980832	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.995996	64.994206	0.309267
0.005098	0.193574	135.873591	
0.14086	4.995996	64.994206	0.309267
0.005098	0.067400	127.721477	
0.28172	4.995996	64.994206	0.309267
0.005098	0.032248	119.747556	
0.42258	4.995996	64.994206	0.309267
0.005098	0.081337	126.784387	
0.56345	4.995996	64.994206	0.309267
0.005098	0.130405	144.152279	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.433220	-48.939356	-0.116974
-0.005223	-0.069390	-0.900820	
0.14086	-4.433220	-48.939356	-0.116974
-0.005223	-0.036574	-0.666316	
0.28172	-4.433220	-48.939356	-0.116974
-0.005223	-0.083973	-0.563275	
0.42258	-4.433220	-48.939356	-0.116974
-0.005223	-0.193746	-1.947793	
0.56345	-4.433220	-48.939356	-0.116974
-0.005223	-0.323474	-21.305190	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.326424	60.323679	0.579976
0.004967	0.347124	142.122576	
0.14086	9.326424	60.323679	0.579976
0.004967	0.104350	149.498956	
0.28172	9.326424	60.323679	0.579976
0.004967	0.099963	159.664210	
0.42258	9.326424	60.323679	0.579976
0.004967	0.250697	184.586521	
0.56345	9.326424	60.323679	0.579976
0.004967	0.401339	219.521896	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.562667	-90.325372	-0.359158
-0.005126	-0.204582	-9.465257	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >

2912

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	-5.562667	-90.325372	-0.359158
-0.005126	-0.069051	-5.247073	
0.28172	-5.562667	-90.325372	-0.359158
-0.005126	-0.159115	-2.623026	
0.42258	-5.562667	-90.325372	-0.359158
-0.005126	-0.383774	-2.658060	
0.56345	-5.562667	-90.325372	-0.359158
-0.005126	-0.627055	-20.766231	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.195016	123.028421	0.798247
0.003772	0.465333	137.303895	
0.14086	9.195016	123.028421	0.798247
0.003772	0.130840	129.034039	
0.28172	9.195016	123.028421	0.798247
0.003772	0.175265	142.115795	
0.42258	9.195016	123.028421	0.798247
0.003772	0.443397	167.231367	
0.56345	9.195016	123.028421	0.798247
0.003772	0.711414	199.476491	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.958453	-82.463060	-0.638974
-0.004486	-0.363024	-9.648953	
0.14086	-13.958453	-82.463060	-0.638974
-0.004486	-0.105722	-14.897924	
0.28172	-13.958453	-82.463060	-0.638974
-0.004486	-0.218259	-46.090051	
0.42258	-13.958453	-82.463060	-0.638974
-0.004486	-0.539930	-79.406284	
0.56345	-13.958453	-82.463060	-0.638974
-0.004486	-0.874769	-125.805921	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.029863	103.441020	0.915910
0.003591	0.529010	115.791537	
0.14086	11.029863	103.441020	0.915910
0.003591	0.145088	108.513156	
0.28172	11.029863	103.441020	0.915910
0.003591	0.222306	118.608230	
0.42258	11.029863	103.441020	0.915910
0.003591	0.561039	138.661710	
0.56345	11.029863	103.441020	0.915910
0.003591	0.899695	167.940460	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.875153	-84.996094	-0.807353
-0.003739	-0.456879	-38.349418	
0.14086	-11.875153	-84.996094	-0.807353
-0.003739	-0.127176	-36.019175	
0.28172	-11.875153	-84.996094	-0.807353
-0.003739	-0.251007	-55.029766	
0.42258	-11.875153	-84.996094	-0.807353
-0.003739	-0.624000	-75.670888	
0.56345	-11.875153	-84.996094	-0.807353
-0.003739	-1.008395	-107.168877	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.635970	1.460262	0.396112
0.000700	0.223229	2.512427	
0.14086	5.635970	1.460262	0.396112
0.000700	0.056973	2.192459	
0.28172	5.635970	1.460262	0.396112
0.000700	0.120060	2.034955	
0.42258	5.635970	1.460262	0.396112
0.000700	0.301694	1.934042	
0.56345	5.635970	1.460262	0.396112
0.000700	0.483310	1.924847	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2913

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153245	-23.970643	-0.432969
-1.73E-05	-0.243160	-50.478061	
0.14086	-0.153245	-23.970643	-0.432969
-1.73E-05	-0.061431	-40.813384	
0.28172	-0.153245	-23.970643	-0.432969
-1.73E-05	-0.109104	-31.232782	
0.42258	-0.153245	-23.970643	-0.432969
-1.73E-05	-0.275243	-21.694271	
0.56345	-0.153245	-23.970643	-0.432969
-1.73E-05	-0.441400	-12.180995	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.390972	4.289395	0.647805
0.001390	0.365397	8.978073	
0.14086	9.390972	4.289395	0.647805
0.001390	0.093675	12.287567	
0.28172	9.390972	4.289395	0.647805
0.001390	0.192626	19.844738	
0.42258	9.390972	4.289395	0.647805
0.001390	0.483775	29.107380	
0.56345	9.390972	4.289395	0.647805
0.001390	0.774872	39.249725	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.577796	-53.040638	-0.693965
-0.000431	-0.389632	-67.312187	
0.14086	-2.577796	-53.040638	-0.693965
-0.000431	-0.098949	-50.889239	
0.28172	-2.577796	-53.040638	-0.693965
-0.000431	-0.178878	-36.294773	
0.42258	-2.577796	-53.040638	-0.693965
-0.000431	-0.449874	-23.334051	
0.56345	-2.577796	-53.040638	-0.693965
-0.000431	-0.721607	-12.726001	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.638637	6.400883	0.830038
0.001210	0.468699	64.410494	
0.14086	12.638637	6.400883	0.830038
0.001210	0.120484	91.849586	
0.28172	12.638637	6.400883	0.830038
0.001210	0.202740	121.635066	
0.42258	12.638637	6.400883	0.830038
0.001210	0.507923	153.047286	
0.56345	12.638637	6.400883	0.830038
0.001210	0.813025	185.718312	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.737077	-104.058980	-0.727388
-0.000553	-0.407668	-59.452107	
0.14086	-1.737077	-104.058980	-0.727388
-0.000553	-0.103411	-45.544264	
0.28172	-1.737077	-104.058980	-0.727388
-0.000553	-0.228919	-32.905001	
0.42258	-1.737077	-104.058980	-0.727388

```
-0.000553   -0.575890  -21.440112
 0.56345    -1.737077 -104.058980    -0.727388
-0.000553   -0.924064  -12.214370

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.800191     90.992446     0.913602
 0.004217    0.529683    128.641551
 0.14086    12.800191     90.992446     0.913602
 0.004217    0.146754    118.665805
 0.28172    12.800191     90.992446     0.913602
 0.004217    0.219908    123.581010
 0.42258    12.800191     90.992446     0.913602
 0.004217    0.554098    141.364560
 0.56345    12.800191     90.992446     0.913602
 0.004217    0.888145    167.138531
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2914

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -9.022274    -88.765343    -0.796466
-0.004052   -0.450556    -50.188181
 0.14086    -9.022274    -88.765343    -0.796466
-0.004052   -0.126885    -38.344840
 0.28172    -9.022274    -88.765343    -0.796466
-0.004052   -0.250538    -43.961363
 0.42258    -9.022274    -88.765343    -0.796466
-0.004052   -0.620736    -55.240507
 0.56345    -9.022274    -88.765343    -0.796466
-0.004052   -1.003963    -79.163786

COMB DL-G1-1 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     0.673070     80.337803     0.680337
 0.000161    0.407524     2.528563
 0.14086     0.673070     80.337803     0.680337
 0.000161    0.121320     3.126293
 0.28172     0.673070     80.337803     0.680337
 0.000161    0.164127     3.773171
 0.42258     0.673070     80.337803     0.680337
 0.000161    0.411119     4.520097
 0.56345     0.673070     80.337803     0.680337
 0.000161    0.660847     5.639240

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -13.476808    -3.076299    -0.595949
-0.000907   -0.339336    -29.302563
 0.14086   -13.476808    -3.076299    -0.595949
-0.000907   -0.085585    -62.383735
 0.28172   -13.476808    -3.076299    -0.595949
-0.000907   -0.167044    -95.487414
 0.42258   -13.476808    -3.076299    -0.595949
-0.000907   -0.450279    -128.683729
 0.56345   -13.476808    -3.076299    -0.595949
-0.000907   -0.734652    -162.204921

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     3.870226    174.039872     1.068496
 0.006322    0.653164    133.904744
 0.14086     3.870226    174.039872     1.068496
 0.006322    0.208024    107.644140
 0.28172     3.870226    174.039872     1.068496
 0.006322    0.210698    81.574486
 0.42258     3.870226    174.039872     1.068496
 0.006322    0.533759    71.996047
 0.56345     3.870226    174.039872     1.068496
 0.006322    0.858999    76.565373

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -20.129522   -20.470230    -0.778256
-0.007343   -0.470895    -16.709731
 0.14086   -20.129522   -20.470230    -0.778256
-0.007343   -0.151426    -56.830045
 0.28172   -20.129522   -20.470230    -0.778256
-0.007343   -0.272540    -97.167816
 0.42258   -20.129522   -20.470230    -0.778256
-0.007343   -0.619400    -139.612210
 0.56345   -20.129522   -20.470230    -0.778256
-0.007343   -1.142735    -208.837979

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     7.051594    144.171032     1.352415
 0.004646    0.800022    143.005145
 0.14086     7.051594    144.171032     1.352415
 0.004646    0.234995    145.196864
 0.28172     7.051594    144.171032     1.352415
 0.004646    0.259671    147.540638
 0.42258     7.051594    144.171032     1.352415
 0.004646    0.655035    161.646170
 0.56345     7.051594    144.171032     1.352415
 0.004646    1.052484    185.946805
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2915

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -17.687277    -64.932249    -0.949662
-0.005555   -0.556856    -14.542374
 0.14086   -17.687277    -64.932249    -0.949662
-0.005555   -0.163466    -51.403765
 0.28172   -17.687277    -64.932249    -0.949662
-0.005555   -0.356893    -88.381263
 0.42258   -17.687277    -64.932249    -0.949662
-0.005555   -0.905982    -126.882345
 0.56345   -17.687277    -64.932249    -0.949662
-0.005555   -1.471880    -184.502959

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     8.673956    120.744799     1.556214
 0.004251    0.905991    120.066428
 0.14086     8.673956    120.744799     1.556214
 0.004251    0.255889    122.349352
 0.28172     8.673956    120.744799     1.556214
 0.004251    0.316213    126.954547
 0.42258     8.673956    120.744799     1.556214
 0.004251    0.794978    142.382005
 0.56345     8.673956    120.744799     1.556214
 0.004251    1.275094    170.519059

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -15.961781    -76.783721    -1.146296
-0.004668   -0.661521    -37.565221
 0.14086   -15.961781    -76.783721    -1.146296
-0.004668   -0.185297    -59.760881
 0.28172   -15.961781    -76.783721    -1.146296
-0.004668   -0.418357    -83.333059
 0.42258   -15.961781    -76.783721    -1.146296
-0.004668   -1.055992    -109.103259
 0.56345   -15.961781    -76.783721    -1.146296
-0.004668   -1.707654    -154.319922

COMB DL-G2-1 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     4.752281     54.566789     0.395843
 0.004295    0.238169    139.052703
 0.14086     4.752281     54.566789     0.395843
 0.004295    0.076322    133.781228
 0.28172     4.752281     54.566789     0.395843
 0.004295    0.042910    128.562308
 0.42258     4.752281     54.566789     0.395843
 0.004295    0.108219    134.789378
 0.56345     4.752281     54.566789     0.395843
 0.004295    0.173616    150.665513

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -3.798683    -44.881413    -0.157983
-0.004428   -0.108507    -0.943602
 0.14086    -3.798683    -44.881413    -0.157983
-0.004428   -0.048389    -0.727802
 0.28172    -3.798683    -44.881413    -0.157983
-0.004428   -0.113760    -0.805663
 0.42258    -3.798683    -44.881413    -0.157983
-0.004428   -0.263464    -1.905976
 0.56345    -3.798683    -44.881413    -0.157983
-0.004428   -0.428703    -21.733749

COMB DL-G2-2 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     8.237292     51.889978     0.879658
 0.004283    0.508585    150.171393
 0.14086     8.237292     51.889978     0.879658
 0.004283    0.143132    158.251235
 0.28172     8.237292     51.889978     0.879658
 0.004283    0.144954    169.544202
 0.42258     8.237292     51.889978     0.879658
 0.004283    0.361677    192.425777
 0.56345     8.237292     51.889978     0.879658
 0.004283    0.578491    224.774767
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2916

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -4.855557    -83.801112    -0.519258
-0.004474   -0.307706    -8.975506
 0.14086    -4.855557    -83.801112    -0.519258
-0.004474   -0.095720    -4.907349
 0.28172    -4.855557    -83.801112    -0.519258
-0.004474   -0.249895    -2.843170
 0.42258    -4.855557    -83.801112    -0.519258
-0.004474   -0.603020    -2.746271
 0.56345    -4.855557    -83.801112    -0.519258
-0.004474   -0.970737    -21.675237

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     8.599553    112.949885     1.273437
 0.003011    0.735502    146.919239
 0.14086     8.599553    112.949885     1.273437
 0.003011    0.204262    136.158106
 0.28172     8.599553    112.949885     1.273437
 0.003011    0.257176    150.776745
 0.42258     8.599553    112.949885     1.273437
 0.003011    0.598710    173.635790
 0.56345     8.599553    112.949885     1.273437
 0.003011    0.960606    203.805124

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -12.872725    -76.860240    -0.863770
-0.003703   -0.498517    -9.550735
 0.14086   -12.872725    -76.860240    -0.863770
-0.003703   -0.141034    -12.365533
 0.28172   -12.872725    -76.860240    -0.863770
-0.003703   -0.346309    -41.243149
 0.42258   -12.872725    -76.860240    -0.863770
-0.003703   -0.870399    -73.301659
 0.56345   -12.872725    -76.860240    -0.863770
-0.003703   -1.403785    -118.538906

COMB DL-G2-4 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    10.478783     95.231178     1.539714
 0.002915    0.878915    124.291068
 0.14086    10.478783     95.231178     1.539714
 0.002915    0.235421    114.793811
 0.28172    10.478783     95.231178     1.539714
 0.002915    0.306582    125.288006
 0.42258    10.478783     95.231178     1.539714
 0.002915    0.772947    143.778383
 0.56345    10.478783     95.231178     1.539714
 0.002915    1.238579    171.521501

COMB DL-G2-4 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -11.060564    -84.388737    -1.111989
-0.003091   -0.635193    -43.143941
 0.14086   -11.060564    -84.388737    -1.111989
-0.003091   -0.172281    -37.060506
 0.28172   -11.060564    -84.388737    -1.111989
-0.003091   -0.423829    -52.286544
 0.42258   -11.060564    -84.388737    -1.111989
-0.003091   -1.061236    -70.052221
 0.56345   -11.060564    -84.388737    -1.111989
-0.003091   -1.706283    -101.106817

COMB DL-G3-1 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     5.923317     1.745470     0.762338
 0.000639    0.421223     3.149034
 0.14086     5.923317     1.745470     0.762338
 0.000639    0.101876     2.771865
 0.28172     5.923317     1.745470     0.762338
 0.000639    0.172500     2.500042
 0.42258     5.923317     1.745470     0.762338
 0.000639    0.433506     2.260088
 0.56345     5.923317     1.745470     0.762338
 0.000639    0.693560     2.097534
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2917

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -0.173087    -29.726832    -0.620596
-1.27E-05   -0.347945    -59.957175
 0.14086    -0.173087    -29.726832    -0.620596
-1.27E-05   -0.086859    -47.861236
 0.28172    -0.173087    -29.726832    -0.620596
-1.27E-05   -0.217811    -35.889495
 0.42258    -0.173087    -29.726832    -0.620596
-1.27E-05   -0.537444    -23.932013
 0.56345    -0.173087    -29.726832    -0.620596
-1.27E-05   -0.857287    -12.035096

COMB DL-G3-2 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000     9.122312     3.845223     1.234424
 0.001175    0.685581     9.220443
 0.14086     9.122312     3.845223     1.234424
 0.001175    0.169556    13.140056
 0.28172     9.122312     3.845223     1.234424
 0.001175    0.280035    21.841399
 0.42258     9.122312     3.845223     1.234424
 0.001175    0.700694    31.875759
 0.56345     9.122312     3.845223     1.234424
 0.001175    1.119956    42.723999

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -2.241007    -60.964881    -1.000263
-0.000323   -0.556684    -76.970454
 0.14086    -2.241007    -60.964881    -1.000263
-0.000323   -0.139598    -57.520192
 0.28172    -2.241007    -60.964881    -1.000263
-0.000323   -0.350344    -40.866291
 0.42258    -2.241007    -60.964881    -1.000263
-0.000323   -0.867262    -25.203671
 0.56345    -2.241007    -60.964881    -1.000263
-0.000323   -1.385125    -12.049477

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.092068     3.121460     1.434412
 0.000821    0.795054    73.784378
 0.14086    12.092068     3.121460     1.434412
 0.000821    0.195310    99.766940
 0.28172    12.092068     3.121460     1.434412
 0.000821    0.292565    129.070110
 0.42258    12.092068     3.121460     1.434412
 0.000821    0.732163    159.143550
 0.56345    12.092068     3.121460     1.434412
 0.000821    1.170447    189.687880

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -1.593677   -105.027820    -1.045892
-0.000222   -0.583976    -68.400504
 0.14086    -1.593677   -105.027820    -1.045892
-0.000222   -0.146516    -51.717961
 0.28172    -1.593677   -105.027820    -1.045892
-0.000222   -0.408948    -37.047547
 0.42258    -1.593677   -105.027820    -1.045892
-0.000222   -1.011101    -23.145437
 0.56345    -1.593677   -105.027820    -1.045892
-0.000222   -1.612757    -10.724859

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.247910     80.013407     1.561870
 0.003232    0.884506    135.365269
 0.14086    12.247910     80.013407     1.561870
 0.003232    0.308703    126.308688
 0.28172    12.247910     80.013407     1.561870
 0.003232    0.308703    131.986654
 0.42258    12.247910     80.013407     1.561870
 0.003232    0.776639    149.736910
 0.56345    12.247910     80.013407     1.561870
 0.003232    1.243544    174.108784
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2918

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    -8.145462    -90.050723    -1.115259
-0.003099   -0.637162    -57.863129
 0.14086    -8.145462    -90.050723    -1.115259
-0.003099   -0.172841    -43.701993
 0.28172    -8.145462    -90.050723    -1.115259
-0.003099   -0.438097    -44.526130
 0.42258    -8.145462    -90.050723    -1.115259
-0.003099   -0.703309    -21.143673
 0.56345    -8.145462    -90.050723    -1.115259
-0.003099   -1.738520    -72.237193

COMB      DB ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.800191    178.057220     0.960592
 0.006282    0.557085    142.122576
 0.14086    12.800191    178.057220     0.960592
 0.006282    0.154474    149.498956
 0.28172    12.800191    178.057220     0.960592
 0.006282    0.232271    159.664213
 0.42258    12.800191    178.057220     0.960592
 0.006282    0.587570    184.586521
 0.56345    12.800191    178.057220     0.960592
 0.006282    0.942674    219.521896

COMB      DB ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -20.267952   -104.058980    -0.846586
-0.007416   -0.480174    -67.312187
 0.14086   -20.267952   -104.058980    -0.846586
-0.007416   -0.136008    -56.955098
 0.28172   -20.267952   -104.058980    -0.846586
-0.007416   -0.263044    -95.029486
 0.42258   -20.267952   -104.058980    -0.846586
-0.007416   -0.652493    -139.283819
 0.56345   -20.267952   -104.058980    -0.846586
-0.007416   -1.055431    -205.065430

COMB      DL ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.247910    174.039872     1.561870
 0.006322    0.905991    150.171393
 0.14086    12.247910    174.039872     1.561870
 0.006322    0.255889    158.251235
 0.28172    12.247910    174.039872     1.561870
 0.006322    0.316213    169.544202
 0.42258    12.247910    174.039872     1.561870
 0.006322    0.794978    192.425777
 0.56345    12.247910    174.039872     1.561870
 0.006322    1.275094    224.774767

COMB      DL ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -20.129522   -105.027820    -1.146296
-0.007343   -0.661521    -76.970454
 0.14086   -20.129522   -105.027820    -1.146296
-0.007343   -0.185297    -62.383735
 0.28172   -20.129522   -105.027820    -1.146296
-0.007343   -0.438097    -97.167816
 0.42258   -20.129522   -105.027820    -1.146296
-0.007343   -1.083909    -139.612210
 0.56345   -20.129522   -105.027820    -1.146296
-0.007343   -1.738520    -208.837979

COMB      CAR ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.800191    178.057220     1.561870
 0.006322    0.905991    150.171393
 0.14086    12.800191    178.057220     1.561870
 0.006322    0.255889    158.251235
 0.28172    12.800191    178.057220     1.561870
 0.006322    0.316213    169.544202
 0.42258    12.800191    178.057220     1.561870
 0.006322    0.794978    192.425777
 0.56345    12.800191    178.057220     1.561870
 0.006322    1.275094    224.774767
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2919

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -20.267952   -105.027820    -1.146296
-0.007416   -0.661521    -76.970454
 0.14086   -20.267952   -105.027820    -1.146296
-0.007416   -0.185297    -62.383735
 0.28172   -20.267952   -105.027820    -1.146296
-0.007416   -0.438097    -97.167816
 0.42258   -20.267952   -105.027820    -1.146296
-0.007416   -1.083909    -139.612210
 0.56345   -20.267952   -105.027820    -1.146296
-0.007416   -1.738520    -208.837979

COMB    DESIGN ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.00000    12.800191    178.057220     1.561870
 0.006322    0.905991    150.171393
 0.14086    12.800191    178.057220     1.561870
 0.006322    0.255889    158.251235
 0.28172    12.800191    178.057220     1.561870
 0.006322    0.316213    169.544202
 0.42258    12.800191    178.057220     1.561870
 0.006322    0.794978    192.425777
 0.56345    12.800191    178.057220     1.561870
 0.006322    1.275094    224.774767

COMB    DESIGN ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.00000   -20.267952   -105.027820    -1.146296
-0.007416   -0.661521    -76.970454
 0.14086   -20.267952   -105.027820    -1.146296
-0.007416   -0.185297    -62.383735
 0.28172   -20.267952   -105.027820    -1.146296
-0.007416   -0.438097    -97.167816
 0.42258   -20.267952   -105.027820    -1.146296
-0.007416   -1.083909    -139.612210
 0.56345   -20.267952   -105.027820    -1.146296
-0.007416   -1.738520    -208.837979

ELEM      270 ================== LENGTH
=     2.977533

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.43660     0.428407     76.365613     0.411198
 1.46E-05    0.460522    103.375757
 0.57745     0.428407     76.365613     0.411198
 1.46E-05    0.285873     71.080505
 0.71830     0.428407     76.365613     0.411198
 1.46E-05    0.115629     39.488457
 0.85915     0.428407     76.365613     0.411198
 1.46E-05    0.060103     7.852861
 1.00000     0.428407     76.365613     0.411198
 1.46E-05    0.245080     2.447365

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.43660   -13.096541    -1.980956    -0.441032
-0.001389   -0.494770    -3.679722
 0.57745   -13.096541    -1.980956    -0.441032
-0.001389   -0.309809    -3.750440
 0.71830   -13.096541    -1.980956    -0.441032
-0.001389   -0.124841    -4.508854
 0.85915   -13.096541    -1.980956    -0.441032
-0.001389   -0.057176    -6.439305
 1.00000   -13.096541    -1.980956    -0.441032
-0.001389   -0.229281    -25.935574

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.43660     5.344655    107.490358     0.761379
 0.006147    0.827338    197.082206
 0.57745     5.344655    107.490358     0.761379
 0.006147    0.508028    154.042886
 0.71830     5.344655    107.490358     0.761379
 0.006147    0.210642    125.451407
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD            >
                                   2920

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
       T            M2           M3
 0.85915     5.344655    107.490358     0.761379
 0.006147    0.093718    114.253338
 1.00000     5.344655    107.490358     0.761379
 0.006147    0.314642    120.674435

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.43660   -16.080206    -84.115503    -0.566969
-0.007817   -0.636506    -29.405374
 0.57745   -16.080206    -84.115503    -0.566969
-0.007817   -0.398816    -5.560525
 0.71830   -16.080206    -84.115503    -0.566969
-0.007817   -0.161089    -3.180853
 0.85915   -16.080206    -84.115503    -0.566969
-0.007817   -0.140128    -6.106704
 1.00000   -16.080206    -84.115503    -0.566969
-0.007817   -0.452485    -13.522492

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.43660     8.795085     96.837446     1.031540
 0.004655    1.138093    188.293233
 0.57745     8.795085     96.837446     1.031540
 0.004655    0.705482    150.054502
 0.71830     8.795085     96.837446     1.031540
 0.004655    0.287793    122.444051
 0.85915     8.795085     96.837446     1.031540
 0.004655    0.107045    108.637146
 1.00000     8.795085     96.837446     1.031540
 0.004655    0.385033    119.951220

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
       T            M2           M3
 0.43660   -14.731567   -114.961347    -0.690026
-0.005786   -0.772476    -79.888535
 0.57745   -14.731567   -114.961347    -0.690026
-0.005786   -0.483144    -39.500696
 0.71830   -14.731567   -114.961347    -0.690026
-0.005786   -0.193710    -11.697748
 0.85915   -14.731567   -114.961347    -0.690026
-0.005786   -0.164484    -3.600623
 1.00000   -14.731567   -114.961347    -0.690026
-0.005786   -0.594143    -11.246290

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
       T            M2           M3
 0.43660    10.321887     80.853560     1.161141
 0.004315    1.284099    157.503296
 0.57745    10.321887     80.853560     1.161141
 0.004315    0.797136    125.570468
 0.71830    10.321887     80.853560     1.161141
 0.004315    0.322565    102.459204
 0.85915    10.321887     80.853560     1.161141
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 0.004315    0.126699   90.951522
 1.00000    10.321887   80.853560    1.161141
 0.004315    0.469492  100.472651

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -13.146107 -113.658434   -0.839755
-0.004807   -0.939196 -116.548283
0.57745  -13.146107 -113.658434   -0.839755
-0.004807   -0.567030  -75.654940
0.71830  -13.146107 -113.658434   -0.839755
-0.004807   -0.234787  -45.603168
0.85915  -13.146107 -113.658434   -0.839755
-0.004807   -0.180760  -32.285262
1.00000  -13.146107 -113.658434   -0.839755
-0.004807   -0.665253  -31.691234

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    6.605412    9.089610    0.442397
0.005336    0.474083   52.356399
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2921

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.57745    6.605412    9.089610    0.442397
0.005336    0.285549   51.951794
0.71830    6.605412    9.089610    0.442397
0.005336    0.121383   62.475418
0.85915    6.605412    9.089610    0.442397
0.005336    0.030789   90.755430
1.00000    6.605412    9.089610    0.442397
0.005336    0.066030  130.698251

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -0.981996 -101.990510   -0.117772
-0.005415   -0.131538  -47.610980
0.57745   -0.981996 -101.990510   -0.117772
-0.005415   -0.082154  -14.097792
0.71830   -0.981996 -101.990510   -0.117772
-0.005415   -0.032719   -0.790012
0.85915   -0.981996 -101.990510   -0.117772
-0.005415   -0.089035   -0.724373
1.00000   -0.981996 -101.990510   -0.117772
-0.005415   -0.270211   -0.666517

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   10.874383    8.239303    0.826908
 0.005519    0.905763   54.676286
0.57745   10.874383    8.239303    0.826908
 0.005519    0.558971   53.891030
0.71830   10.874383    8.239303    0.826908
 0.005519    0.229288   65.222660
0.85915   10.874383    8.239303    0.826908
 0.005519    0.089022   92.445754
1.00000   10.874383    8.239303    0.826908
 0.005519    0.211432  135.712956

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.829544 -139.621805   -0.375809
-0.005072   -0.418962 -111.568889
0.57745   -1.829544 -139.621805   -0.375809
-0.005072   -0.261371  -61.701942
0.71830   -1.829544 -139.621805   -0.375809
-0.005072   -0.103687  -26.488387
0.85915   -1.829544 -139.621805   -0.375809
-0.005072   -0.140131  -13.244705
1.00000   -1.829544 -139.621805   -0.375809
-0.005072   -0.483434   -9.271366

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   10.214906   83.962188    1.008165
 0.004066    1.125084  194.996086
0.57745   10.214906   83.962188    1.008165
 0.004066    0.702276  161.992260
0.71830   10.214906   83.962188    1.008165
 0.004066    0.291581  137.734497
0.85915   10.214906   83.962188    1.008165
 0.004066    0.097344  125.647616
1.00000   10.214906   83.962188    1.008165
 0.004066    0.352817  128.769303

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -11.057736 -117.149573   -0.631193
-0.004447   -0.705945  -98.916090
0.57745  -11.057736 -117.149573   -0.631193
-0.004447   -0.441232  -56.206903
0.71830  -11.057736 -117.149573   -0.631193
-0.004447   -0.176441  -24.136383
0.85915  -11.057736 -117.149573   -0.631193
-0.004447   -0.154761  -12.492919
1.00000  -11.057736 -117.149573   -0.631193
-0.004447   -0.567562   -8.926595
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2922

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   11.718202   70.132728    1.153997
 0.003854    1.285631  163.286506
0.57745   11.718202   70.132728    1.153997
 0.003854    0.801664  135.717417
0.71830   11.718202   70.132728    1.153997
 0.003854    0.327842  115.535851
0.85915   11.718202   70.132728    1.153997
 0.003854    0.121859  105.377127
1.00000   11.718202   70.132728    1.153997
 0.003854    0.455150  107.904275

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -9.418155 -111.444451   -0.813156
-0.003721   -0.908882 -131.507925
0.57745   -9.418155 -111.444451   -0.813156
-0.003721   -0.567857  -90.213298
0.71830   -9.418155 -111.444451   -0.813156
-0.003721   -0.226766  -57.754944
0.85915   -9.418155 -111.444451   -0.813156
-0.003721   -0.175762  -42.230543
1.00000   -9.418155 -111.444451   -0.813156
-0.003721   -0.651433  -33.805667

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    5.374575    0.382788    0.492538
0.000714    0.545022    1.715754
0.57745    5.374575    0.382788    0.492538
0.000714    0.338462    1.572330
0.71830    5.374575    0.382788    0.492538
0.000714    0.131929    1.447628
0.85915    5.374575    0.382788    0.492538
0.000714    0.063999    1.351827
1.00000    5.374575    0.382788    0.492538
0.000714    0.253550    1.295495

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -0.169942  -19.353638   -0.451872
-7.00E-06   -0.504481  -74.161899
0.57745   -0.169942  -19.353638   -0.451872
-7.00E-06   -0.314974  -66.256319
0.71830   -0.169942  -19.353638   -0.451872
-7.00E-06   -0.125448  -58.378627
0.85915   -0.169942  -19.353638   -0.451872
-7.00E-06   -0.074629  -50.523771
1.00000   -0.169942  -19.353638   -0.451872
-7.00E-06   -0.281231  -42.765763

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    9.099693    0.806978    0.842509
0.001419    0.934996    4.516804
0.57745    9.099693    0.806978    0.842509
0.001419    0.581663    4.364532
0.71830    9.099693    0.806978    0.842509
0.001419    0.229090    4.719443
0.85915    9.099693    0.806978    0.842509
0.001419    0.103394    5.940540
1.00000    9.099693    0.806978    0.842509
0.001419    0.407342    7.827664

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.543558  -49.001698   -0.725522
-0.000201   -0.809741 -132.847613
0.57745   -1.543558  -49.001698   -0.725522
-0.000201   -0.505475 -113.394392
0.71830   -1.543558  -49.001698   -0.725522
-0.000201   -0.201192  -95.002729
0.85915   -1.543558  -49.001698   -0.725522
-0.000201   -0.125316  -76.883922
1.00000   -1.543558  -49.001698   -0.725522
-0.000201   -0.476489  -59.873047
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2923

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   12.812478    1.763057    1.111903
 0.001759    1.237152   27.352143
0.57745   12.812478    1.763057    1.111903
 0.001759    0.770838   28.092060
0.71830   12.812478    1.763057    1.111903
 0.001759    0.305659   30.616254
0.85915   12.812478    1.763057    1.111903
 0.001759    0.110658   37.376158
1.00000   12.812478    1.763057    1.111903
 0.001759    0.432436   59.199860

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.140615 -103.833010   -0.768681
-0.000511   -0.857038 -165.837006
0.57745   -1.140615 -103.833010   -0.768681
-0.000511   -0.534690 -123.494433
0.71830   -1.140615 -103.833010   -0.768681
-0.000511   -0.212272  -82.849173
0.85915   -1.140615 -103.833010   -0.768681
-0.000511   -0.162188  -63.291029
1.00000   -1.140615 -103.833010   -0.768681
-0.000511   -0.628262  -51.708676

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   13.365155   52.661510    1.205872
 0.004508    1.335193  140.392833
0.57745   13.365155   52.661510    1.205872
 0.004508    0.829469  120.264836
0.71830   13.365155   52.661510    1.205872
 0.004508    0.335746  108.689647
0.85915   13.365155   52.661510    1.205872
 0.004508    0.119567  108.493977
1.00000   13.365155   52.661510    1.205872
 0.004508    0.455102  120.835067

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -6.331152 -119.430765   -0.812160
-0.003959   -0.907299 -146.648750
0.57745   -6.331152 -119.430765   -0.812160
-0.003959   -0.566711 -103.016114
0.71830   -6.331152 -119.430765   -0.812160
-0.003959   -0.226056  -69.696775
0.85915   -6.331152 -119.430765   -0.812160
-0.003959   -0.185879  -53.090495
1.00000   -6.331152 -119.430765   -0.812160
-0.003959   -0.689181  -43.473101

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    0.610444   72.247074    0.654487
 1.04E-05    0.750829   94.030899
0.57745    0.610444   72.247074    0.654487
 1.04E-05    0.477015   64.298939
0.71830    0.610444   72.247074    0.654487
 1.04E-05    0.203402   34.991086
0.85915    0.610444   72.247074    0.654487
 1.04E-05    0.086657    7.233259
1.00000    0.610444   72.247074    0.654487
 1.04E-05    0.325664    2.718991

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -12.777859   -1.822699   -0.573532
-0.001384   -0.637722   -4.584922
0.57745  -12.777859   -1.822699   -0.573532
-0.001384   -0.397560   -4.517159
0.71830  -12.777859   -1.822699   -0.573532
-0.001384   -0.158709   -4.971843
0.85915  -12.777859   -1.822699   -0.573532
-0.001384   -0.075693   -7.347332
1.00000  -12.777859   -1.822699   -0.573532
-0.001384   -0.349386  -30.800879
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2924

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    5.685506  100.664568    1.196817
 0.006155    1.330608  186.656736
0.57745    5.685506  100.664568    1.196817
 0.006155    0.829974  149.652272
0.71830    5.685506  100.664568    1.196817
 0.006155    0.348827  125.564900
0.85915    5.685506  100.664568    1.196817
 0.006155    0.129582  118.149340
1.00000    5.685506  100.664568    1.196817
 0.006155    0.419677  127.716131

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -15.352469  -78.899302   -0.735345
-0.007719   -0.822172  -31.689919
0.57745  -15.352469  -78.899302   -0.735345
-0.007719   -0.514196   -6.370648
0.71830  -15.352469  -78.899302   -0.735345
-0.007719   -0.207620   -4.082744
0.85915  -15.352469  -78.899302   -0.735345
-0.007719   -0.183866   -5.053772
1.00000  -15.352469  -78.899302   -0.735345
-0.007719   -0.681366  -19.492695

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    8.537003   90.304150    1.666835
 0.004752    1.858674  176.066058
0.57745    8.537003   90.304150    1.666835
 0.004752    1.160596  142.966905
0.71830    8.537003   90.304150    1.666835
 0.004752    0.462533  119.851783
0.85915    8.537003   90.304150    1.666835
 0.004752    0.154003  116.460718
1.00000    8.537003   90.304150    1.666835
 0.004752    0.539047  133.676091

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -14.114774 -106.078115   -0.950924
-0.005909   -1.061089  -72.705117
0.57745  -14.114774 -106.078115   -0.950924
-0.005909   -0.662602  -34.514104
0.71830  -14.114774 -106.078115   -0.950924
-0.005909   -0.265259  -12.783184
0.85915  -14.114774 -106.078115   -0.950924
-0.005909   -0.245130   -5.248982
1.00000  -14.114774 -106.078115   -0.950924
-0.005909   -0.940758  -17.088814

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    9.712828   75.453861    1.950532
 0.004383    2.174337  147.545502
0.57745    9.712828   75.453861    1.950532
 0.004383    1.357324  119.888576
0.71830    9.712828   75.453861    1.950532
 0.004383    0.552461  100.581628
0.85915    9.712828   75.453861    1.950532
 0.004383    0.185093   97.712468
1.00000    9.712828   75.453861    1.950532
 0.004383    0.664512  111.955112

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -12.596995 -107.295034   -1.173949
-0.004910   -1.308708 -113.023055
0.57745  -12.596995 -107.295034   -1.173949
-0.004910   -0.816572  -73.482757
0.71830  -12.596995 -107.295034   -1.173949
-0.004910   -0.325270  -47.744640
0.85915  -12.596995 -107.295034   -1.173949
-0.004910   -0.284573  -34.667773
1.00000  -12.596995 -107.295034   -1.173949
-0.004910   -1.100050  -36.703171
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2925

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    6.099453    9.288077    0.632395
0.004481    0.682285   54.704075
0.57745    6.099453    9.288077    0.632395
0.004481    0.417183   56.096752
0.71830    6.099453    9.288077    0.632395
0.004481    0.166113   68.782157
0.85915    6.099453    9.288077    0.632395
0.004481    0.040236   96.743707
1.00000    6.099453    9.288077    0.632395
0.004481    0.102232  130.420861

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -0.945105  -87.473818   -0.174752
-0.004531   -0.194865  -42.750929
0.57745   -0.945105  -87.473818   -0.174752
-0.004531   -0.421683  -12.621614
0.71830   -0.945105  -87.473818   -0.174752
-0.004531   -0.048494   -0.929727
0.85915   -0.945105  -87.473818   -0.174752
-0.004531   -0.117698   -0.874179
1.00000   -0.945105  -87.473818   -0.174752
-0.004531   -0.380425   -0.817342

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    9.687949    8.624621    1.309197
0.004752    1.439454   55.761243
0.57745    9.687949    8.624621    1.309197
0.004752    0.890104   56.881059
0.71830    9.687949    8.624621    1.309197
0.004752    0.354698   68.010946
0.85915    9.687949    8.624621    1.309197
0.004752    0.117717   99.476498
1.00000    9.687949    8.624621    1.309197
0.004752    0.328331  139.730494

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.795246 -122.790792   -0.576410
-0.004367   -0.641473   -99.779269
0.57745   -1.795246 -122.790792   -0.576410
-0.004367   -0.399144   -54.297054
0.71830   -1.795246 -122.790792   -0.576410
-0.004367   -0.157417   -24.886946
0.85915   -1.795246 -122.790792   -0.576410
-0.004367   -0.212204   -12.838279
1.00000   -1.795246 -122.790792   -0.576410
-0.004367   -0.759318    -8.765819

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    9.287674   79.372333    1.681626
 0.003264    1.877015  190.326673
0.57745    9.287674   79.372333    1.681626
 0.003264    1.172088  160.735044
0.71830    9.287674   79.372333    1.681626
 0.003264    0.475903  138.330954
0.85915    9.287674   79.372333    1.681626
 0.003264    0.136194  131.928167
1.00000    9.287674   79.372333    1.681626
 0.003264    0.498365  133.543830

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660  -10.386725 -101.269303   -0.887447
-0.003761   -0.991751   -87.855592
0.57745  -10.386725 -101.269303   -0.887447
-0.003761   -0.619089   -49.952327
0.71830  -10.386725 -101.269303   -0.887447
-0.003761   -0.246959   -23.121718
0.85915  -10.386725 -101.269303   -0.887447
-0.003761   -0.243345  -12.467626
1.00000  -10.386725 -101.269303   -0.887447
-0.003761   -0.944576   -8.781091
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2926

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   10.782241   66.372415    2.022309
 0.003192    2.254072  159.777990
0.57745   10.782241   66.372415    2.022309
 0.003192    1.406383  135.027219
0.71830   10.782241   66.372415    2.022309
 0.003192    0.565959  116.202158
0.85915   10.782241   66.372415    2.022309
 0.003192    0.171895  110.804808
1.00000   10.782241   66.372415    2.022309
 0.003192    0.649141  112.192651

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -8.905332 -100.188641   -1.155542
-0.003148   -1.290537 -128.327249
0.57745   -8.905332 -100.188641   -1.155542
-0.003148   -0.805653  -90.233081
0.71830   -8.905332 -100.188641   -1.155542
-0.003148   -0.320612  -61.324985
0.85915   -8.905332 -100.188641   -1.155542
-0.003148   -0.293787  -45.820566
1.00000   -8.905332 -100.188641   -1.155542
-0.003148   -1.138373  -36.449629

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    5.309582    0.571685    0.998141
0.000747    1.106073    2.193716
0.57745    5.309582    0.571685    0.998141
0.000747    0.687713    2.002346
0.71830    5.309582    0.571685    0.998141
0.000747    0.269186    1.846508
0.85915    5.309582    0.571685    0.998141
0.000747    0.093367    1.708303
1.00000    5.309582    0.571685    0.998141
0.000747    0.370401    1.626661

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -0.227623  -21.854007   -0.658490
-4.08E-06   -0.734533  -84.615928
0.57745   -0.227623  -21.854007   -0.658490
-4.08E-06   -0.458752   -75.552877
0.71830   -0.227623  -21.854007   -0.658490
-4.08E-06   -0.181948   -66.544827
0.85915   -0.227623  -21.854007   -0.658490
-4.08E-06   -0.149067   -57.576466
1.00000   -0.227623  -21.854007   -0.658490
-4.08E-06   -0.567240   -48.698768

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660    8.459948    0.851612    1.632079
0.001369    1.812918    4.730035
0.57745    8.459948    0.851612    1.632079
0.001369    1.128808    4.641778
0.71830    8.459948    0.851612    1.632079
0.001369    0.444869    4.879319
0.85915    8.459948    0.851612    1.632079
0.001369    0.159620    5.661097
1.00000    8.459948    0.851612    1.632079
0.001369    0.605871    7.410718

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.607852  -51.338638   -1.072002
-0.000129   -1.194073 -143.888522
0.57745   -1.607852  -51.338638   -1.072002
-0.000129   -0.744812 -122.942431
0.71830   -1.607852  -51.338638   -1.072002
-0.000129   -0.294088 -102.706395
0.85915   -1.607852  -51.338638   -1.072002
-0.000129   -0.139917   -83.339171
1.00000   -1.607852  -51.338638   -1.072002
-0.000129   -0.923728   -65.265813
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    2927

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   11.657014    1.572843    2.003884
 0.001375    2.224302   25.651047
0.57745   11.657014    1.572843    2.003884
 0.001375    1.384483   26.979450
0.71830   11.657014    1.572843    2.003884
 0.001375    0.544706   30.817501
0.85915   11.657014    1.572843    2.003884
 0.001375    0.165992   44.201735
1.00000   11.657014    1.572843    2.003884
 0.001375    0.643935   65.499406

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -1.309178  -96.303248   -1.144054
-0.000214   -1.273985 -165.023865
0.57745   -1.309178  -96.303248   -1.144054
-0.000214   -0.794080 -126.375438
0.71830   -1.309178  -96.303248   -1.144054
-0.000214   -0.313507   -89.916895
0.85915   -1.309178  -96.303248   -1.144054
-0.000214   -0.296019   -70.642606
1.00000   -1.309178  -96.303248   -1.144054
-0.000214   -1.135619   -57.295760

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43660   12.333227   50.611066    2.124405
 0.003561    2.356498  141.125871
0.57745   12.333227   50.611066    2.124405
 0.003561    1.466221  123.152479
0.71830   12.333227   50.611066    2.124405
 0.003561    0.583469  111.824218
0.85915   12.333227   50.611066    2.124405
 0.003561    0.176475  114.249372
1.00000   12.333227   50.611066    2.124405
 0.003561    0.661896  123.182463

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43660   -6.076334 -106.031430   -1.176104
-0.003022   -1.312576 -145.975116
0.57745   -6.076334 -106.031430   -1.176104
-0.003022   -0.819321 -105.717860
0.71830   -6.076334 -106.031430   -1.176104
-0.003022   -0.325445   -75.612230
0.85915   -6.076334 -106.031430   -1.176104
-0.003022   -0.320521   -59.431758
1.00000   -6.076334 -106.031430   -1.176104
-0.003022   -1.207068   -48.313777
```

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.365155	107.490358	1.205872
0.006147	1.335193	197.082206	
0.57745	13.365155	107.490358	1.205872
0.006147	0.829469	161.992260	
0.71830	13.365155	107.490358	1.205872
0.006147	0.335746	137.794497	
0.85915	13.365155	107.490358	1.205872
0.006147	0.126699	125.647616	
1.00000	13.365155	107.490358	1.205872
0.006147	0.469492	135.712956	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-16.080206	-139.621805	-0.839755
-0.007817	-0.939196	-165.837006	
0.57745	-16.080206	-139.621805	-0.839755
-0.007817	-0.587030	-123.494433	
0.71830	-16.080206	-139.621805	-0.839755
-0.007817	-0.234787	-95.002729	
0.85915	-16.080206	-139.621805	-0.839755
-0.007817	-0.185879	-76.883922	
1.00000	-16.080206	-139.621805	-0.839755
-0.007817	-0.689181	-59.873047	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2928

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.333227	100.664568	2.124405
0.006155	2.356498	190.825673	
0.57745	12.333227	100.664568	2.124405
0.006155	1.466221	160.735044	
0.71830	12.333227	100.664568	2.124405
0.006155	0.583469	138.330054	
0.85915	12.333227	100.664568	2.124405
0.006155	0.185093	131.928167	
1.00000	12.333227	100.664568	2.124405
0.006155	0.664512	139.730494	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-15.352469	-122.790792	-1.176104
-0.007719	-1.312576	-165.023865	
0.57745	-15.352469	-122.790792	-1.176104
-0.007719	-0.819321	-126.375438	
0.71830	-15.352469	-122.790792	-1.176104
-0.007719	-0.325445	-102.706395	
0.85915	-15.352469	-122.790792	-1.176104
-0.007719	-0.320521	-83.324471	
1.00000	-15.352469	-122.790792	-1.176104
-0.007719	-1.207068	-65.265813	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.365155	107.490358	2.124405
0.006155	2.356498	197.082206	
0.57745	13.365155	107.490358	2.124405
0.006155	1.466221	161.992260	
0.71830	13.365155	107.490358	2.124405
0.006155	0.583469	138.330054	
0.85915	13.365155	107.490358	2.124405
0.006155	0.185093	131.928167	
1.00000	13.365155	107.490358	2.124405
0.006155	0.664512	139.730494	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-16.080206	-139.621805	-1.176104
-0.007817	-1.312576	-165.837006	
0.57745	-16.080206	-139.621805	-1.176104
-0.007817	-0.819321	-126.375438	
0.71830	-16.080206	-139.621805	-1.176104
-0.007817	-0.325445	-102.706395	
0.85915	-16.080206	-139.621805	-1.176104
-0.007817	-0.320521	-83.324471	
1.00000	-16.080206	-139.621805	-1.176104
-0.007817	-1.207068	-65.265813	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.365155	107.490358	2.124405
0.006155	2.356498	197.082206	
0.57745	13.365155	107.490358	2.124405
0.006155	1.466221	161.992260	
0.71830	13.365155	107.490358	2.124405
0.006155	0.583469	138.330054	
0.85915	13.365155	107.490358	2.124405
0.006155	0.185093	131.928167	
1.00000	13.365155	107.490358	2.124405
0.006155	0.664512	139.730494	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-16.080206	-139.621805	-1.176104
-0.007817	-1.312576	-165.837006	
0.57745	-16.080206	-139.621805	-1.176104
-0.007817	-0.819321	-126.375438	
0.71830	-16.080206	-139.621805	-1.176104
-0.007817	-0.325445	-102.706395	
0.85915	-16.080206	-139.621805	-1.176104
-0.007817	-0.320521	-83.324471	
1.00000	-16.080206	-139.621805	-1.176104
-0.007817	-1.207068	-65.265813	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2929

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 271 ========== LENGTH = 2.977477

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.430395	76.139385	0.425657
7.24E-06	0.241424	2.448537	
0.14085	0.430395	76.139385	0.425657
7.24E-06	0.075134	3.142962	
0.28169	0.430395	76.139385	0.425657
7.24E-06	0.124638	3.841379	
0.42254	0.430395	76.139385	0.425657
7.24E-06	0.318279	4.576107	
0.56339	0.430395	76.139385	0.425657
7.24E-06	0.511914	5.326465	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.062577	-1.953920	-0.461728
-0.001398	-0.262624	-25.969900	
0.14085	-13.062577	-1.953920	-0.461728
-0.001398	-0.069116	-57.488829	
0.28169	-13.062577	-1.953920	-0.461728
-0.001398	-0.115598	-89.349012	
0.42254	-13.062577	-1.953920	-0.461728
-0.001398	-0.294099	-121.213214	
0.56339	-13.062577	-1.953920	-0.461728
-0.001398	-0.472606	-153.103192	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.552747	172.426075	0.779819
0.006000	0.481896	121.030569	
0.14085	3.552747	172.426075	0.779819
0.006000	0.157252	96.796201	
0.28169	3.552747	172.426075	0.779819
0.006000	0.160678	72.705626	
0.42254	3.552747	172.426075	0.779819
0.006000	0.411398	66.305739	
0.56339	3.552747	172.426075	0.779819
0.006000	0.662082	73.444743	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.874677	-23.390881	-0.597758
-0.007987	-0.340640	-13.566149	
0.14085	-19.874677	-23.390881	-0.597758
-0.007987	-0.115975	-54.078076	
0.28169	-19.874677	-23.390881	-0.597758
-0.007987	-0.211925	-94.725022	
0.42254	-19.874677	-23.390881	-0.597758
-0.007987	-0.515745	-137.453032	
0.56339	-19.874677	-23.390881	-0.597758
-0.007987	-0.842652	-201.336247	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.655544	140.971220	1.064595
0.004078	0.633463	120.163793	
0.14085	7.655544	140.971220	1.064595
0.004078	0.187658	127.673440	
0.28169	7.655544	140.971220	1.064595
0.004078	0.193723	135.621026	
0.42254	7.655544	140.971220	1.064595
0.004078	0.492029	155.576065	
0.56339	7.655544	140.971220	1.064595
0.004078	0.790297	184.730538	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-17.285383	-73.943754	-0.711269
-0.005914	-0.402830	-11.283710	
0.14085	-17.285383	-73.943754	-0.711269
-0.005914	-0.121632	-48.692094	
0.28169	-17.285383	-73.943754	-0.711269
-0.005914	-0.291537	-86.147011	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2930

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-17.285383	-73.943754	-0.711269
-0.005914	-0.722099	-124.992364	
0.56339	-17.285383	-73.943754	-0.711269
-0.005914	-1.168382	-178.213573	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.408070	117.465637	1.186353
0.004011	0.693774	100.648525	
0.14085	9.408070	117.465637	1.186353
0.004011	0.196775	107.455440	
0.28169	9.408070	117.465637	1.186353
0.004011	0.235132	116.611785	
0.42254	9.408070	117.465637	1.186353
0.004011	0.595555	136.491574	
0.56339	9.408070	117.465637	1.186353
0.004011	0.955898	167.407265	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-15.262657	-79.756607	-0.859276
-0.004947	-0.485478	-31.734873	
0.14085	-15.262657	-79.756607	-0.859276
-0.004947	-0.139266	-55.986302	
0.28169	-15.262657	-79.756607	-0.859276
-0.004947	-0.328006	-81.380632	
0.42254	-15.262657	-79.756607	-0.859276
-0.004947	-0.781332	-108.775205	
0.56339	-15.262657	-79.756607	-0.859276
-0.004947	-1.309701	-149.537309	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.147367	63.838065	0.450621
0.005017	0.273987	130.979287	
0.14085	5.147367	63.838065	0.450621
0.005017	0.085939	123.773444	
0.28169	5.147367	63.838065	0.450621
0.005017	0.032763	117.021566	
0.42254	5.147367	63.838065	0.450621
0.005017	0.082763	125.039446	
0.56339	5.147367	63.838065	0.450621
0.005017	0.132710	144.387380	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.190715	-51.376150	-0.119120
-0.005324	-0.067119	-0.665758	
0.14085	-4.190715	-51.376150	-0.119120
-0.005324	-0.038300	-0.609722	
0.28169	-4.190715	-51.376150	-0.119120
-0.005324	-0.123961	-0.572459	
0.42254	-4.190715	-51.376150	-0.119120
-0.005324	-0.293488	-2.255238	
0.56339	-4.190715	-51.376150	-0.119120
-0.005324	-0.482355	-21.642911	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.579079	59.212867	0.848118
0.004957	0.495512	135.953383	
0.14085	9.579079	59.212867	0.848118
0.004957	0.140708	144.514000	
0.28169	9.579079	59.212867	0.848118
0.004957	0.104105	155.559172	
0.42254	9.579079	59.212867	0.848118
0.004957	0.261570	181.113766	
0.56339	9.579079	59.212867	0.848118
0.004957	0.418937	217.857041	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.800755	-92.798228	-0.375280
-0.005094	-0.210535	-9.275796	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2931

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.800755	-92.798228	-0.375280
-0.005094	-0.072747	-5.356169	
0.28169	-4.800755	-92.798228	-0.375280
-0.005094	-0.234470	-2.923695	
0.42254	-4.800755	-92.798228	-0.375280
-0.005094	-0.572037	-3.207917	
0.56339	-4.800755	-92.798228	-0.375280
-0.005094	-0.927614	-20.878968	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.322401	119.588247	1.079133
0.003566	0.629784	128.898674	
0.14085	9.322401	119.588247	1.079133
0.003566	0.177812	124.155129	
0.28169	9.322401	119.588247	1.079133
0.003566	0.176642	139.715989	
0.42254	9.322401	119.588247	1.079133
0.003566	0.447644	165.377477	
0.56339	9.322401	119.588247	1.079133
0.003566	0.718529	199.088296	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.114189	-84.126744	-0.645967
-0.004776	-0.365002	-8.931539	
0.14085	-13.114189	-84.126744	-0.645967
-0.004776	-0.107960	-17.123664	
0.28169	-13.114189	-84.126744	-0.645967
-0.004776	-0.288566	-47.405964	
0.42254	-13.114189	-84.126744	-0.645967
-0.004776	-0.728265	-79.824067	
0.56339	-13.114189	-84.126744	-0.645967
-0.004776	-1.180751	-124.732874	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.002268	99.970111	1.202698
0.003634	0.691633	108.014976	
0.14085	11.002268	99.970111	1.202698
0.003634	0.187700	103.958867	
0.28169	11.002268	99.970111	1.202698
0.003634	0.227282	116.353792	
0.42254	11.002268	99.970111	1.202698
0.003634	0.574674	137.134085	
0.56339	11.002268	99.970111	1.202698
0.003634	0.921970	167.007195	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.141619	-83.785473	-0.828160
-0.003989	-0.467194	-33.820962	
0.14085	-11.141619	-83.785473	-0.828160
-0.003989	-0.131398	-35.232759	
0.28169	-11.141619	-83.785473	-0.828160
-0.003989	-0.328197	-54.793500	
0.42254	-11.141619	-83.785473	-0.828160
-0.003989	-0.821802	-76.031090	
0.56339	-11.141619	-83.785473	-0.828160
-0.003989	-1.326119	-107.719349	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.420875	0.436579	0.468776
0.001064	0.256315	1.298524	
0.14085	5.420875	0.436579	0.468776
0.001064	0.059727	1.374556	
0.28169	5.420875	0.436579	0.468776
0.001064	0.125995	1.600254	
0.42254	5.420875	0.436579	0.468776
0.001064	0.317251	1.885300	
0.56339	5.420875	0.436579	0.468776
0.001064	0.508490	2.191364	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2932

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178906	-19.348134	-0.456040
-1.38E-05	0.256618	-42.787237	
0.14085	-0.178906	-19.348134	-0.456040
-1.38E-05	-0.065227	-35.298371	
0.28169	-0.178906	-19.348134	-0.456040
-1.38E-05	-0.136892	-27.942532	
0.42254	-0.178906	-19.348134	-0.456040
-1.38E-05	-0.234456	-20.694962	
0.56339	-0.178906	-19.348134	-0.456040
-1.38E-05	-0.530046	-13.607340	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.129261	2.882622	0.824343
0.001909	0.455856	7.835071	
0.14085	9.129261	2.882622	0.824343
0.001909	0.110209	10.887781	
0.28169	9.129261	2.882622	0.824343
0.001909	0.202085	18.678557	
0.42254	9.129261	2.882622	0.824343
0.001909	0.508534	27.571353	
0.56339	9.129261	2.882622	0.824343
0.001909	0.814955	37.739241	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.667386	-47.385784	-0.730671
-0.000327	-0.410726	-59.900275	
0.14085	-1.667386	-47.385784	-0.730671
-0.000327	-0.104974	-45.862439	
0.28169	-1.667386	-47.385784	-0.730671
-0.000327	0.236392	-33.887677	
0.42254	-1.667386	-47.385784	-0.730671
-0.000327	-0.581348	-23.437914	
0.56339	-1.667386	-47.385784	-0.730671
-0.000327	-0.927048	-14.958867	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.879357	5.140417	1.109854
0.001638	0.617263	59.183148	
0.14085	12.879357	5.140417	1.109854
0.001638	0.151771	67.458576	
0.28169	12.879357	5.140417	1.109854
0.001638	0.213309	118.457992	
0.42254	12.879357	5.140417	1.109854
0.001638	0.535530	150.742259	
0.56339	12.879357	5.140417	1.109854
0.001638	0.857675	184.274171	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.319627	-101.321329	-0.768202
-0.000513	-0.433819	-51.729180	
0.14085	-1.319627	-101.321329	-0.768202
-0.000513	-0.109959	-40.251487	
0.28169	-1.319627	-101.321329	-0.768202
-0.000513	-0.314884	-30.037241	
0.42254	-1.319627	-101.321329	-0.768202
-0.000513	-0.779133	-20.954030	
0.56339	-1.319627	-101.321329	-0.768202
-0.000513	-1.244565	-13.866970	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.505310	88.043217	1.222420
0.004376	0.698551	120.984951	
0.14085	12.505310	88.043217	1.222420
0.004376	0.186549	113.408289	
0.28169	12.505310	88.043217	1.222420
0.004376	0.226724	120.285670	
0.42254	12.505310	88.043217	1.222420
0.004376	0.572301	139.548075	
0.56339	12.505310	88.043217	1.222420
0.004376	0.917872	167.138965	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2933

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.390139	-86.694537	-0.823909
-0.004204	-0.464262	-43.491006	
0.14085	-8.390139	-86.694537	-0.823909
-0.004204	-0.132350	-33.961865	
0.28169	-8.390139	-86.694537	-0.823909
-0.004204	-0.339852	-42.655149	
0.42254	-8.390139	-86.694537	-0.823909
-0.004204	-0.839775	-55.517320	
0.56339	-8.390139	-86.694537	-0.823909
-0.004204	-1.352352	-80.658445	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.610456	72.175330	0.813477
4.28E-06	0.485413	2.720392	
0.14085	0.610456	72.175330	0.813477
4.28E-06	0.147634	3.349683	
0.28169	0.610456	72.175330	0.813477
4.28E-06	0.158443	3.999388	
0.42254	0.610456	72.175330	0.813477
4.28E-06	0.404649	4.657474	
0.56339	0.610456	72.175330	0.813477
4.28E-06	0.651196	5.375014	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.748817	-1.837328	-0.588088
-0.001456	-0.335479	-30.837922	
0.14085	-12.748817	-1.837328	-0.588088
-0.001456	-0.089034	-60.879428	
0.28169	-12.748817	-1.837328	-0.588088
-0.001456	-0.197828	-90.923052	
0.42254	-12.748817	-1.837328	-0.588088
-0.001456	-0.539391	-120.980765	
0.56339	-12.748817	-1.837328	-0.588088
-0.001456	-0.879479	-151.081007	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.275395	162.900458	1.347098
0.005991	0.813487	127.759591	
0.14085	3.275395	162.900453	1.347098
0.005991	0.254420	102.626853	
0.28169	3.275395	162.900453	1.347098
0.005991	0.206890	77.600045	
0.42254	3.275395	162.900453	1.347098
0.005991	0.530739	69.125671	
0.56339	3.275395	162.900453	1.347098
0.005991	0.854591	74.077055	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-19.098099	-19.928868	-0.772475
-0.008118	-0.458892	-19.537677	
0.14085	-19.098099	-19.928868	-0.772475
-0.008118	-0.148769	-56.444457	
0.28169	-19.098099	-19.928868	-0.772475
-0.008118	-0.345254	-93.404822	
0.42254	-19.098099	-19.928868	-0.772475
-0.008118	-0.891687	-132.647431	
0.56339	-19.098099	-19.928868	-0.772475
-0.008118	-1.453987	-197.773745	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.897156	134.454243	1.793081
0.004367	1.051121	133.678803	
0.14085	6.897156	134.454243	1.793081
0.004367	0.303011	136.500074	
0.28169	6.897156	134.454243	1.793081
0.004367	0.265186	139.658901	
0.42254	6.897156	134.454243	1.793081
0.004367	0.675428	154.596737	
0.56339	6.897156	134.454243	1.793081
0.004367	1.085751	179.108738	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2934

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.754531	-64.380918	-0.978144
-0.006203	-0.566345	-17.130369	
0.14085	-16.754531	-64.380918	-0.978144
-0.006203	-0.165796	-51.057481	
0.28169	-16.754531	-64.380918	-0.978144
-0.006203	-0.475075	-85.000576	
0.42254	-16.754531	-64.380918	-0.978144
-0.006203	-1.013390	-120.556443	
0.56339	-16.754531	-64.380918	-0.978144
-0.006203	-1.963265	-174.522794	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.384107	112.085772	2.052734
0.004120	1.187947	111.958503	
0.14085	8.384107	112.085772	2.052734
0.004120	0.330949	114.871379	
0.28169	8.384107	112.085772	2.052734
0.004120	0.326218	119.821081	
0.42254	8.384107	112.085772	2.052734
0.004120	0.826573	135.559690	
0.56339	8.384107	112.085772	2.052734
0.004120	1.326739	162.368930	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-14.789057	-72.754460	-1.192541
-0.005184	-0.683043	-36.752356	
0.14085	-14.789057	-72.754460	-1.192541
-0.005184	-0.191046	-58.018334	
0.28169	-14.789057	-72.754460	-1.192541
-0.005184	-0.552338	-80.259315	
0.42254	-14.789057	-72.754460	-1.192541
-0.005184	-1.401885	-104.557549	
0.56339	-14.789057	-72.754460	-1.192541
-0.005184	-2.260863	-146.633947	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.453833	53.107977	0.590730
0.004198	0.344099	130.431346	
0.14085	4.453833	53.107977	0.590730
0.004198	0.100563	126.364400	
0.28169	4.453833	53.107977	0.590730
0.004198	0.048517	122.311068	
0.42254	4.453833	53.107977	0.590730

```
 0.004198     0.122450   129.860089
0.56339      4.453833    53.107977     0.590730
 0.004198     0.196244   146.782672

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000     -3.595716   -46.428647    -0.176387
-0.004584    -0.111528    -0.816872
0.14085     -3.595716   -46.428647    -0.176387
 -0.004584    -0.048097    -0.794637
0.28169     -3.595716   -46.428647    -0.176387
-0.004584    -0.169319    -0.779913
0.42254     -3.595716   -46.428647    -0.176387
-0.004584    -0.403500    -2.345144
0.56339     -3.595716   -46.428647    -0.176387
-0.004584    -0.649926   -22.027334

COMB DL-G2-2 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000      8.173471    50.434850     1.271233
 0.004263     0.725364   139.722371
0.14085      8.173471    50.434850     1.271233
 0.004263     0.195985   148.411215
0.28169      8.173471    50.434850     1.271233
 0.004263     0.158526   160.018508
0.42254      8.173471    50.434850     1.271233
 0.004263     0.398087   183.404176
0.56339      8.173471    50.434850     1.271233
 0.004263     0.163689   216.062848
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2935

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000     -4.317224   -83.639075    -0.570941
-0.004504    -0.330299    -8.772071
0.14085     -4.317224   -83.639075    -0.570941
-0.004504    -0.100673    -5.274519
0.28169     -4.317224   -83.639075    -0.570941
-0.004504    -0.358955    -3.250607
0.42254     -4.317224   -83.639075    -0.570941
-0.004504    -0.878792    -3.441276
0.56339     -4.317224   -83.639075    -0.570941
-0.004504    -1.410424   -21.985764

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000      8.331828   106.113745     1.750420
 0.002836     1.005620   133.493314
0.14085      8.331828   106.113745     1.750420
 0.002836     0.274548   128.241295
0.28169      8.331828   106.113745     1.750420
 0.002836     0.247567   143.082805
0.42254      8.331828   106.113745     1.750420
 0.002836     0.627448   166.759588
0.56339      8.331828   106.113745     1.750420
 0.002836     1.007524   196.819294

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -11.976996   -75.958925    -0.905745
-0.004131    -0.518139    -8.786502
0.14085    -11.976996   -75.958925    -0.905745
-0.004131    -0.145585   -14.327123
0.28169    -11.976996   -75.958925    -0.905745
-0.004131    -0.474160   -41.709245
0.42254    -11.976996   -75.958925    -0.905745
-0.004131    -1.199770   -71.703065
0.56339    -11.976996   -75.958925    -0.905745
-0.004131    -1.932814  -114.176379

COMB DL-G2-4 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     10.018060    88.790388     2.065978
 0.003034     1.172205   112.153973
0.14085     10.018060    88.790388     2.065978
 0.003034     0.311240   107.572612
0.28169     10.018060    88.790388     2.065978
 0.003034     0.321772   119.182479
0.42254     10.018060    88.790388     2.065978
 0.003034     0.614098   138.233424
0.56339     10.018060    88.790388     2.065978
 0.003034     1.305911   164.569993

COMB DL-G2-4 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -10.243019   -78.970733    -1.172662
-0.003450    -0.666600   -36.469333
0.14085    -10.243019   -78.970733    -1.172662
-0.003450    -0.180337   -34.765118
0.28169    -10.243019   -78.970733    -1.172662
-0.003450    -0.567102   -50.949633
0.42254    -10.243019   -78.970733    -1.172662
-0.003450    -1.426246   -69.185871
0.56339    -10.243019   -78.970733    -1.172662
-0.003450    -2.291919   -98.791854

COMB DL-G3-1 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000      5.365851     0.592694     0.958286
0.001105     0.528600     1.631160
0.14085      5.365851     0.592694     0.958286
0.001105     0.126814     1.738170
0.28169      5.365851     0.592694     0.958286
0.001105     0.182853     1.969212
0.42254      5.365851     0.592694     0.958286
0.001105     0.460670     2.219237
0.56339      5.365851     0.592694     0.958286
0.001105     0.737670     2.481363
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2936

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -0.236804   -21.864348    -0.660897
-1.09E-05    -0.371295    -48.720837
0.14085    -0.236804   -21.864348    -0.660897
-1.09E-05    -0.093255   -40.058162
0.28169    -0.236804   -21.864348    -0.660897
-1.09E-05    -0.274596   -31.505729
0.42254    -0.236804   -21.864348    -0.660897
-1.09E-05    -0.676200   -22.989657
0.56339    -0.236804   -21.864348    -0.660897
-1.09E-05    -1.078135   -14.565589

COMB DL-G3-2 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000      8.501229     2.109143     1.594729
0.001827     0.886171     7.411292
0.14085      8.501229     2.109143     1.594729
0.001827     0.218731    11.404345
0.28169      8.501229     2.109143     1.594729
0.001827     0.296449    19.688783
0.42254      8.501229     2.109143     1.594729
0.001827     0.744035    29.342765
0.56339      8.501229     2.109143     1.594729
0.001827     1.191037    39.772359

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000     -1.692689   -50.296143    -1.065693
-0.000254    -0.597064   -65.301395
0.14085     -1.692689   -50.296143    -1.065693
-0.000254    -0.150275   -50.072823
0.28169     -1.692689   -50.296143    -1.065693
-0.000254    -0.451745   -37.075738
0.42254     -1.692689   -50.296143    -1.065693
-0.000254    -1.119726   -25.251563
0.56339     -1.692689   -50.296143    -1.065693
-0.000254    -1.788459   -15.508848

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     11.817063     1.620847     1.942252
 0.001377     1.076662    65.469928
0.14085     11.817063     1.620847     1.942252
 0.001377     0.263262    92.201292
0.28169     11.817063     1.620847     1.942252
 0.001377     0.315618   121.814619
0.42254     11.817063     1.620847     1.942252
 0.001377     0.792202   152.203348
0.56339     11.817063     1.620847     1.942252
 0.001377     1.268725   182.948976

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000     -1.305952   -96.749560    -1.135410
-0.000195    -0.634768   -57.325198
0.14085     -1.305952   -96.749560    -1.135410
-0.000195    -0.159146   -44.530657
0.28169     -1.305952   -96.749560    -1.135410
-0.000195    -0.552975   -33.316550
0.42254     -1.305952   -96.749560    -1.135410
-0.000195    -1.366784   -22.961155
0.56339     -1.305952   -96.749560    -1.135410
-0.000195    -2.181107   -13.721932

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     11.506233    74.996357     2.103738
 0.003512     1.186140   123.154635
0.14085     11.506233    74.996357     2.103738
 0.003512     0.306866   116.700626
0.28169     11.506233    74.996357     2.103738
 0.003512     0.326805   125.528905
0.42254     11.506233    74.996357     2.103738
 0.003512     0.824743   144.261427
0.56339     11.506233    74.996357     2.103738
 0.003512     1.322682   169.051316
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2937

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000     -7.542025   -83.017220    -1.186401
-0.003339    -0.673904   -48.338608
0.14085     -7.542025   -83.017220    -1.186401
-0.003339    -0.182063   -37.703029
0.28169     -7.542025   -83.017220    -1.186401
-0.003339    -0.588767   -42.391708
0.42254     -7.542025   -83.017220    -1.186401
-0.003339    -1.462851   -52.253598
0.56339     -7.542025   -83.017220    -1.186401
-0.003339    -2.344246   -73.739257

COMB      DB ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     12.879357   172.426075     1.222420
 0.006000     0.698551   135.953383
0.14085     12.879357   172.426075     1.222420
 0.006000     0.196775   144.154009
0.28169     12.879357   172.426075     1.222420
 0.006000     0.235132   155.559172
0.42254     12.879357   172.426075     1.222420
 0.006000     0.595555   181.113766
0.56339     12.879357   172.426075     1.222420
 0.006000     0.955898   217.857041

COMB      DB ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -19.874677  -101.321329    -0.859276
-0.007987    -0.485478   -59.900275
0.14085    -19.874677  -101.321329    -0.859276
-0.007987    -0.139266   -57.488829
0.28169    -19.874677  -101.321329    -0.859276
-0.007987    -0.339852   -94.725022
0.42254    -19.874677  -101.321329    -0.859276
-0.007987    -0.839775  -137.453032
0.56339    -19.874677  -101.321329    -0.859276
-0.007987    -1.352352  -201.336247

COMB      DL ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     11.817063   162.900453     2.103738
 0.005991     1.187947   139.722371
0.14085     11.817063   162.900453     2.103738
 0.005991     0.330949   148.411215
0.28169     11.817063   162.900453     2.103738
 0.005991     0.326805   160.018508
0.42254     11.817063   162.900453     2.103738
 0.005991     0.826573   183.404176
0.56339     11.817063   162.900453     2.103738
 0.005991     1.326739   216.062848

COMB      DL ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -19.098099   -96.749560    -1.192541
-0.008118    -0.683043   -65.301395
0.14085    -19.098099   -96.749560    -1.192541
-0.008118    -0.191046   -60.879428
0.28169    -19.098099   -96.749560    -1.192541
-0.008118    -0.588767   -93.404822
0.42254    -19.098099   -96.749560    -1.192541
-0.008118    -1.462851  -132.647431
0.56339    -19.098099   -96.749560    -1.192541
-0.008118    -2.344246  -197.773745

COMB      CAR ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     12.879357   172.426075     2.103738
 0.006000     1.187947   139.722371
0.14085     12.879357   172.426075     2.103738
 0.006000     0.330949   148.411215
0.28169     12.879357   172.426075     2.103738
 0.006000     0.326805   160.018508
0.42254     12.879357   172.426075     2.103738
 0.006000     0.826573   183.404176
0.56339     12.879357   172.426075     2.103738
 0.006000     1.326739   217.857041
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2938

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -19.874677  -101.321329    -1.192541
-0.008118    -0.683043   -65.301395
0.14085    -19.874677  -101.321329    -1.192541
-0.008118    -0.191046   -60.879428
0.28169    -19.874677  -101.321329    -1.192541
-0.008118    -0.588767   -94.725022
0.42254    -19.874677  -101.321329    -1.192541
-0.008118    -1.462851  -137.453032
0.56339    -19.874677  -101.321329    -1.192541
-0.008118    -2.344246  -201.336247

COMB  DESIGN ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000     12.879357   172.426075     2.103738
 0.006000     1.187947   139.722371
0.14085     12.879357   172.426075     2.103738
 0.006000     0.330949   148.411215
0.28169     12.879357   172.426075     2.103738
 0.006000     0.326805   160.018508
0.42254     12.879357   172.426075     2.103738
 0.006000     0.826573   183.404176
0.56339     12.879357   172.426075     2.103738
 0.006000     1.326739   217.857041

COMB  DESIGN ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000    -19.874677  -101.321329    -1.192541
-0.008118    -0.683043   -65.301395
0.14085    -19.874677  -101.321329    -1.192541
-0.008118    -0.191046   -60.879428
0.28169    -19.874677  -101.321329    -1.192541
-0.008118    -0.588767   -94.725022
0.42254    -19.874677  -101.321329    -1.192541
-0.008118    -1.462851  -137.453032
0.56339    -19.874677  -101.321329    -1.192541
-0.008118    -2.344246  -201.336247

ELEM      272 ================== LENGTH
=     2.977211

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665      6.683312    59.688512     0.499918
 1.54E-05     0.576781    73.575759
0.57749      6.683312    59.688512     0.499918
 1.54E-05     0.367171    48.618910
0.71833      6.683312    59.688512     0.499918
 1.54E-05     0.157567    23.702273
0.85916      6.683312    59.688512     0.499918
 1.54E-05     0.058189     2.509544
1.00000      6.683312    59.688512     0.499918
 1.54E-05     0.241841     2.965725

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -2.902595    -4.006621    -0.438015
-0.001849    -0.492803   -15.080529
0.57749     -2.902595    -4.006621    -0.438015
-0.001849    -0.309142   -13.794050
0.71833     -2.902595    -4.006621    -0.438015
-0.001849    -0.125473   -12.882888
0.85916     -2.902595    -4.006621    -0.438015
-0.001849    -0.058357   -13.284032
1.00000     -2.902595    -4.006621    -0.438015
-0.001849    -0.261688   -28.104763

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665      9.166237    87.717011     0.985859
 0.005581     1.097124   154.692653
0.57749      9.166237    87.717011     0.985859
 0.005581     0.690363   119.557998
0.71833      9.166237    87.717011     0.985859
 0.005581     0.289342    97.475795
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2939

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
      T            M2           M3
0.85916      9.166237    87.717011     0.985859
 0.005581     1.091011    93.915623
1.00000      9.166237    87.717011     0.985859
 0.005581     0.312183   112.172934

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665    -10.198110   -86.840524    -0.566391
-0.008014    -0.637750   -47.099571
0.57749    -10.198110   -86.840524    -0.566391
-0.008014    -0.400262   -18.791932
0.71833    -10.198110   -86.840524    -0.566391
-0.008014    -0.162725   -12.269844
0.85916    -10.198110   -86.840524    -0.566391
-0.008014    -0.144531   -11.406985
1.00000    -10.198110   -86.840524    -0.566391
-0.008014    -0.556372   -18.121922

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665     11.948813    80.142941     1.339828
 0.004435     1.502409   151.778746
0.57749     11.948813    80.142941     1.339828
 0.004435     0.945117   119.907672
0.71833     11.948813    80.142941     1.339828
 0.004435     0.391762    97.403282
0.85916     11.948813    80.142941     1.339828
 0.004435     0.103824    88.883666
1.00000     11.948813    80.142941     1.339828
 0.004435     0.382058   105.983805

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -8.072220  -112.687784    -0.690038
-0.005881    -0.775250   -97.184305
0.57749     -8.072220  -112.687784    -0.690038
-0.005881    -0.493697   -55.522273
0.71833     -8.072220  -112.687784    -0.690038
-0.005881    -0.196525   -28.677966
0.85916     -8.072220  -112.687784    -0.690038
-0.005881    -0.184059   -10.124350
1.00000     -8.072220  -112.687784    -0.690038
-0.005881    -0.744766   -15.423817

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665     14.913600    67.383404     1.484667
 0.004317     1.665117   128.040531
0.57749     14.913600    67.383404     1.484667
 0.004317     1.046928   101.254264
0.71833     14.913600    67.383404     1.484667
 0.004317     0.431421    82.250807
0.85916     14.913600    67.383404     1.484667
 0.004317     0.122864    74.885461
1.00000     14.913600    67.383404     1.484667
 0.004317     0.467856    88.992583

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -7.874980  -105.268905    -0.844447
-0.004887    -0.948425  -115.788387
0.57749     -7.874980  -105.268905    -0.844447
-0.004887    -0.594355   -76.882718
0.71833     -7.874980  -105.268905    -0.844447
-0.004887    -0.240212   -50.467179
0.85916     -7.874980  -105.268905    -0.844447
-0.004887    -0.202864   -31.686772
1.00000     -7.874980  -105.268905    -0.844447
-0.004887    -0.824444   -32.595529

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665      2.255981     8.273019     0.559524
0.004916     0.606502    44.649395
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2940

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
      T            M2           M3
0.57749      2.255981     8.273019     0.559524
0.004916     0.377427    43.110622
0.71833      2.255981     8.273019     0.559524
0.004916     0.153155    53.008382
0.85916      2.255981     8.273019     0.559524
0.004916     0.029931    79.925477
1.00000      2.255981     8.273019     0.559524
0.004916     0.067067   117.643321

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -5.364535  -101.261582    -0.122089
-0.005084    -0.137635   -56.884914
0.57749     -5.364535  -101.261582    -0.122089
-0.005084    -0.086438   -21.123416
0.71833     -5.364535  -101.261582    -0.122089
-0.005084    -0.035147    -3.808410
0.85916     -5.364535  -101.261582    -0.122089
-0.005084    -0.098667    -0.457781
1.00000     -5.364535  -101.261582    -0.122089
-0.005084    -0.331938    -0.880130

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665      9.257806     8.671533     1.047520
0.005335     1.157130    50.415557
0.57749      9.257806     8.671533     1.047520
0.005335     0.723054    48.756833
0.71833      9.257806     8.671533     1.047520
0.005335     0.293503    57.791844
0.85916      9.257806     8.671533     1.047520
0.005335     0.065050    82.663786
1.00000      9.257806     8.671533     1.047520
0.005335     0.212498   119.580627

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -4.225363  -131.420364    -0.381911
-0.004656    -0.428001  -114.267259
0.57749     -4.225363  -131.420364    -0.381911
-0.004656    -0.267876   -65.805676
0.71833     -4.225363  -131.420364    -0.381911
-0.004656    -0.107662   -34.351301
0.85916     -4.225363  -131.420364    -0.381911
-0.004656    -0.161891   -12.744201
1.00000     -4.225363  -131.420364    -0.381911
-0.004656    -0.599781   -10.599838

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665     12.093670    73.832583     1.361707
 0.003988     1.523927   168.714711
0.57749     12.093670    73.832583     1.361707
 0.003988     0.956606   139.380075
0.71833     12.093670    73.832583     1.361707
 0.003988     0.392503   117.785983
0.85916     12.093670    73.832583     1.361707
 0.003988     0.094515   108.179358
1.00000     12.093670    73.832583     1.361707
 0.003988     0.351531   109.939340

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -9.868555  -110.681725    -0.634396
-0.004398    -0.712295  -103.611424
0.57749     -9.868555  -110.681725    -0.634396
-0.004398    -0.446385   -62.068664
0.71833     -9.868555  -110.681725    -0.634396
-0.004398    -0.180301   -32.757027
0.85916     -9.868555  -110.681725    -0.634396
-0.004398    -0.189920   -12.783872
1.00000     -9.868555  -110.681725    -0.634396
-0.004398    -0.759942   -10.505933
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          2941

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665     12.616499    62.143477     1.508657
 0.003973     1.689256   141.058225
0.57749     12.616499    62.143477     1.508657
 0.003973     1.059727   116.394336
0.71833     12.616499    62.143477     1.508657
 0.003973     0.432887    98.235818
0.85916     12.616499    62.143477     1.508657
 0.003973     0.118235    90.197550
1.00000     12.616499    62.143477     1.508657
 0.003973     0.454815    91.687877

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -9.846809  -100.069005    -0.820590
-0.003679    -0.921412   -116.412305
0.57749     -9.846809  -100.069005    -0.820590
-0.003679    -0.577333    -78.776394
0.71833     -9.846809  -100.069005    -0.820590
-0.003679    -0.233182    -51.456058
0.85916     -9.846809  -100.069005    -0.820590
-0.003679    -0.209347    -31.728424
1.00000     -9.846809  -100.069005    -0.820590
-0.003679    -0.841121    -27.257034

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43665      2.184429     1.041623     0.577884
0.000985     0.647276     1.285398
0.57749      2.184429     1.041623     0.577884
0.000985     0.404975     1.184226
0.71833      2.184429     1.041623     0.577884
0.000985     0.162680     1.096801
0.85916      2.184429     1.041623     0.577884
0.000985     0.061946     1.030929
1.00000      2.184429     1.041623     0.577884
0.000985     0.254349     0.983558

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43665     -2.931116    -9.972024    -0.458788
-6.80E-06    -0.515136   -42.786208
0.57749     -2.931116    -9.972024    -0.458788
-6.80E-06    -0.322766   -38.880482
```

0.71833 -2.931116 -9.972024 -0.458788
-6.80E-06 -0.130390 -35.034311
0.85916 -2.931116 -9.972024 -0.458788
-6.80E-06 -0.079688 -31.332135
1.00000 -2.931116 -9.972024 -0.458788
-6.80E-06 -0.321960 -27.844346

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.628849	2.037359	1.014306
0.001874	1.137340	5.508118	
0.57749	9.628849	2.037359	1.014306
0.001874	0.712251	4.913990	
0.71833	9.628849	2.037359	1.014306
0.001874	0.287373	5.025073	
0.85916	9.628849	2.037359	1.014306
0.001874	0.100293	5.802746	
1.00000	9.628849	2.037359	1.014306
0.001874	0.409068	6.922869	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.957882	-32.051010	-0.737350
-0.000193	-0.827606	-89.951894	
0.57749	-3.957882	-32.051010	-0.737350
-0.000193	-0.518429	-77.737470	
0.71833	-3.957882	-32.051010	-0.737350
-0.000193	-0.209211	-66.595828	
0.85916	-3.957882	-32.051010	-0.737350
-0.000193	-0.138771	-56.382527	
1.00000	-3.957882	-32.051010	-0.737350
-0.000193	-0.563873	-47.497680	

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.778196	3.512194	1.370759
0.002244	1.537746	26.238448	
0.57749	9.778196	3.512194	1.370759
0.002244	0.963322	25.969398	
0.71833	9.778196	3.512194	1.370759
0.002244	0.389247	27.277364	
0.85916	9.778196	3.512194	1.370759
0.002244	0.107430	31.847774	
1.00000	9.778196	3.512194	1.370759
0.002244	0.434589	47.808597	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.111419	-86.491330	-0.782006
-0.000306	-0.876937	-134.481920	
0.57749	-4.111419	-86.491330	-0.782006
-0.000306	-0.549053	-99.571541	
0.71833	-4.111419	-86.491330	-0.782006
-0.000306	-0.221091	-66.660354	
0.85916	-4.111419	-86.491330	-0.782006
-0.000306	-0.061668	-51.001335	
1.00000	-4.111419	-86.491330	-0.782006
-0.000306	-0.761306	-37.903084	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.857638	48.491668	1.528491
0.004617	1.705156	124.142689	
0.57749	10.857638	48.491668	1.528491
0.004617	1.067864	105.487287	
0.71833	10.857638	48.491668	1.528491
0.004617	0.433744	94.553964	
0.85916	10.857638	48.491668	1.528491
0.004617	0.119925	94.877115	
1.00000	10.857638	48.491668	1.528491
0.004617	0.455589	104.335805	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.270068	-105.627219	-0.821638
-0.003790	-0.922432	-122.526719	
0.57749	-10.270068	-105.627219	-0.821638
-0.003790	-0.577927	-83.433558	
0.71833	-10.270068	-105.627219	-0.821638
-0.003790	-0.233351	-56.372781	
0.85916	-10.270068	-105.627219	-0.821638
-0.003790	-0.218617	-36.931180	
1.00000	-10.270068	-105.627219	-0.821638
-0.003790	-0.858445	-32.241473	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	7.500788	51.291867	0.887071
1.15E-05	1.018778	62.206507	
0.57749	7.500788	51.291867	0.887071
1.15E-05	0.644343	41.196467	
0.71833	7.500788	51.291867	0.887071
1.15E-05	0.274574	20.631824	
0.85916	7.500788	51.291867	0.887071
1.15E-05	0.075437	3.619982	
1.00000	7.500788	51.291867	0.887071
1.15E-05	0.309004	3.801680	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.438590	-3.485393	-0.560003
-0.002033	-0.788548	-15.467302	
0.57749	-3.438590	-3.485393	-0.560003
-0.002033	-0.395837	-14.597451	
0.71833	-3.438590	-3.485393	-0.560003
-0.002033	-0.161118	-14.246641	
0.85916	-3.438590	-3.485393	-0.560003
-0.002033	-0.098990	-16.833496	
1.00000	-3.438590	-3.485393	-0.560003
-0.002033	-0.469989	-33.698507	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.590573	74.792540	1.566575
0.005906	1.755735	135.958690	
0.57749	10.590573	74.792540	1.566575
0.005906	1.107512	107.909613	
0.71833	10.590573	74.792540	1.566575
0.005906	0.460015	93.416909	
0.85916	10.590573	74.792540	1.566575
0.005906	0.119793	96.664361	
1.00000	10.590573	74.792540	1.566575
0.005906	0.412665	117.449946	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.035564	-81.184922	-0.740421
-0.008067	-0.834640	-49.732724	
0.57749	-10.035564	-81.184922	-0.740421
-0.008067	-0.524195	-18.797030	
0.71833	-10.035564	-81.184922	-0.740421
-0.008067	-0.213821	-13.731087	
0.85916	-10.035564	-81.184922	-0.740421
-0.008067	-0.219474	-13.669402	
1.00000	-10.035564	-81.184922	-0.740421
-0.008067	-0.872863	-25.384077	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	12.814685	68.042333	2.148164
0.004756	2.413254	133.616503	
0.57749	12.814685	68.042333	2.148164
0.004756	1.518773	108.265636	
0.71833	12.814685	68.042333	2.148164
0.004756	0.625318	93.134889	
0.85916	12.814685	68.042333	2.148164
0.004756	0.145287	93.169583	
1.00000	12.814685	68.042333	2.148164
0.004756	0.539290	116.373786	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.531727	-100.642082	-0.970697
-0.006130	-1.091250	-87.560132	
0.57749	-8.531727	-100.642082	-0.970697
-0.006130	-0.684111	-48.174863	
0.71833	-8.531727	-100.642082	-0.970697
-0.006130	-0.277008	-27.665331	
0.85916	-8.531727	-100.642082	-0.970697
-0.006130	-0.292295	-13.091258	
1.00000	-8.531727	-100.642082	-0.970697
-0.006130	-1.190261	-22.852268	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.610155	57.178623	2.444300
0.004630	2.746376	112.630765	
0.57749	14.610155	57.178623	2.444300
0.004630	1.726726	91.317444	
0.71833	14.610155	57.178623	2.444300
0.004630	0.707902	78.516659	
0.85916	14.610155	57.178623	2.444300
0.004630	0.173150	78.403460	
1.00000	14.610155	57.178623	2.444300
0.004630	0.663002	97.540619	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.293633	-94.272788	-1.193457
-0.005095	-1.340520	-105.776451	
0.57749	-8.293633	-94.272788	-1.193457
-0.005095	-0.840020	-68.707679	
0.71833	-8.293633	-94.272788	-1.193457
-0.005095	-0.339293	-47.543381	
0.85916	-8.293633	-94.272788	-1.193457
-0.005095	-0.331038	-31.964604	
1.00000	-8.293633	-94.272788	-1.193457
-0.005095	-1.353488	-36.605071	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	2.595186	7.865435	0.768171
0.004353	0.841518	44.837379	
0.57749	2.595186	7.865435	0.768171
0.004353	0.524932	44.729687	
0.71833	2.595186	7.865435	0.768171
0.004353	0.210138	55.044615	
0.85916	2.595186	7.865435	0.768171
0.004353	0.040885	81.395332	
1.00000	2.595186	7.865435	0.768171
0.004353	0.108865	113.625969	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.325554	-85.794273	-0.190434
-0.004203	-0.213714	-51.925125	
0.57749	-5.325554	-85.794273	-0.190434
-0.004203	-0.134006	-18.695570	
0.71833	-5.325554	-85.794273	-0.190434
-0.004203	-0.054209	-4.229673	
0.85916	-5.325554	-85.794273	-0.190434
-0.004203	-0.118013	-3.143000	
1.00000	-5.325554	-85.794273	-0.190434
-0.004203	-0.447640	-1.073610	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.300545	8.256348	1.597348
0.004899	1.774585	50.222449	
0.57749	8.300545	8.256348	1.597348
0.004899	1.110721	49.856431	
0.71833	8.300545	8.256348	1.597348
0.004899	0.448178	59.291279	
0.85916	8.300545	8.256348	1.597348
0.004899	0.096072	83.974239	
1.00000	8.300545	8.256348	1.597348
0.004899	0.336451	119.303756	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.321136	-111.008388	-0.600902
-0.003934	-0.673213	-98.896781	
0.57749	-4.321136	-111.008388	-0.600902
-0.003934	-0.420842	-55.101938	
0.71833	-4.321136	-111.008388	-0.600902
-0.003934	-0.168769	-29.293031	
0.85916	-4.321136	-111.008388	-0.600902
-0.003934	-0.237970	-11.560655	
1.00000	-4.321136	-111.008388	-0.600902
-0.003934	-0.905100	-9.353022	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.412269	65.396300	2.141675
0.003442	2.403172	156.429648	
0.57749	11.412269	65.396300	2.141675
0.003442	1.508355	131.430795	
0.71833	11.412269	65.396300	2.141675
0.003442	0.615552	113.131673	
0.85916	11.412269	65.396300	2.141675
0.003442	0.131842	106.228825	
1.00000	11.412269	65.396300	2.141675
0.003442	0.507185	108.984428	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.299136	-91.254670	-0.913823
-0.003759	-1.026165	-89.074737	
0.57749	-9.299136	-91.254670	-0.913823
-0.003759	-0.642689	-52.921597	
0.71833	-9.299136	-91.254670	-0.913823
-0.003759	-0.259420	-28.783646	
0.85916	-9.299136	-91.254670	-0.913823
-0.003759	-0.292609	-12.339176	
1.00000	-9.299136	-91.254670	-0.913823
-0.003759	-1.188933	-9.941078	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.830498	54.998598	2.489934
0.003608	2.793839	130.799681	
0.57749	11.830498	54.998598	2.489934
0.003608	1.753157	109.798180	
0.71833	11.830498	54.998598	2.489934
0.003608	0.712988	94.430962	
0.85916	11.830498	54.998598	2.489934
0.003608	0.166815	88.529867	
1.00000	11.830498	54.998598	2.489934
0.003608	0.657919	90.962460	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.434161	-83.418121	-1.185552
-0.003146	-1.331085	-104.493163	
0.57749	-9.434161	-83.418121	-1.185552
-0.003146	-0.833848	-71.318983	
0.71833	-9.434161	-83.418121	-1.185552
-0.003146	-0.336249	-48.295543	
0.85916	-9.434161	-83.418121	-1.185552
-0.003146	-0.339281	-31.437020	
1.00000	-9.434161	-83.418121	-1.185552
-0.003146	-1.381744	-26.870802	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	2.173477	0.846889	1.110372
0.001120	1.243994	1.238538	
0.57749	2.173477	0.846889	1.110372
0.001120	0.778608	1.109467	
0.71833	2.173477	0.846889	1.110372
0.001120	0.313071	1.027932	
0.85916	2.173477	0.846889	1.110372
0.001120	0.090009	0.979904	
1.00000	2.173477	0.846889	1.110372
0.001120	0.371735	0.964723	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.116586	-9.733266	-0.669938
-3.98E-06	-0.752165	-43.596771	
0.57749	-3.116586	-9.733266	-0.669938
-3.98E-06	-0.471457	-39.785522	
0.71833	-3.116586	-9.733266	-0.669938
-3.98E-06	-0.189854	-36.055306	
0.85916	-3.116586	-9.733266	-0.669938
-3.98E-06	-0.152033	-32.437703	
1.00000	-3.116586	-9.733266	-0.669938
-3.98E-06	-0.617347	-28.915612	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.124811	1.637670	1.868765
0.002030	2.096447	4.925025	
0.57749	8.124811	1.637670	1.868765
0.002030	1.313364	4.553411	
0.71833	8.124811	1.637670	1.868765
0.002030	0.530281	4.615668	
0.85916	8.124811	1.637670	1.868765
0.002030	0.174693	5.156675	
1.00000	8.124811	1.637670	1.868765
0.002030	0.603087	6.217220	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.175648	-29.454162	-1.085645
-0.000122	-1.217741	-86.400544	
0.57749	-4.175648	-29.454162	-1.085645
-0.000122	-0.762859	-74.673506	
0.71833	-4.175648	-29.454162	-1.085645
-0.000122	-0.306627	-64.012360	
0.85916	-4.175648	-29.454162	-1.085645
-0.000122	-0.253730	-54.443563	
1.00000	-4.175648	-29.454162	-1.085645
-0.000122	-1.036665	-45.655461	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.525301	2.879541	2.349573
0.002073	2.634185	25.293927	
0.57749	8.525301	2.879541	2.349573
0.002073	1.649628	25.610954	
0.71833	8.525301	2.879541	2.349573
0.002073	0.665146	27.223227	
0.85916	8.525301	2.879541	2.349573
0.002073	0.158825	34.166740	
1.00000	8.525301	2.879541	2.349573
0.002073	0.652242	50.540700	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.494717	-72.537261	-1.174902
-6.45E-06	-1.311711	-120.146930	
0.57749	-4.494717	-72.537261	-1.174902
-6.45E-06	-0.824381	-91.053479	
0.71833	-4.494717	-72.537261	-1.174902
-6.45E-06	-0.331049	-63.143571	
0.85916	-4.494717	-72.537261	-1.174902
-6.45E-06	-0.320610	-44.313515	
1.00000	-4.494717	-72.537261	-1.174902
-6.45E-06	-1.305104	-38.442135	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.114782	44.012140	2.542650
0.004026	2.845730	118.935062	
0.57749	10.114782	44.012140	2.542650
0.004026	1.783261	102.825660	
0.71833	10.114782	44.012140	2.542650
0.004026	0.721566	92.909783	
0.85916	10.114782	44.012140	2.542650
0.004026	0.170520	93.391927	
1.00000	10.114782	44.012140	2.542650
0.004026	0.670939	101.662862	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.755376	-86.803497	-1.207446
-0.002933	-1.355268	-110.975509	
0.57749	-9.755376	-86.803497	-1.207446
-0.002933	-0.848976	-76.823912	
0.71833	-9.755376	-86.803497	-1.207446
-0.002933	-0.342111	-53.655032	
0.85916	-9.755376	-86.803497	-1.207446
-0.002933	-0.353926	-37.900859	
1.00000	-9.755376	-86.803497	-1.207446
-0.002933	-1.418236	-32.959410	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.913600	87.717011	1.528491
0.005581	1.705156	168.714711	
0.57749	14.913600	87.717011	1.528491
0.005581	1.067864	139.380075	
0.71833	14.913600	87.717011	1.528491
0.005581	0.433744	117.785983	
0.85916	14.913600	87.717011	1.528491
0.005581	0.122864	108.179358	
1.00000	14.913600	87.717011	1.528491
0.005581	0.467856	119.580627	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.270068	-131.420364	-0.844447
-0.008014	-0.948425	-134.481920	
0.57749	-10.270068	-131.420364	-0.844447
-0.008014	-0.594355	-99.571541	
0.71833	-10.270068	-131.420364	-0.844447
-0.008014	-0.240212	-66.660354	
0.85916	-10.270068	-131.420364	-0.844447
-0.008014	-0.218617	-56.382527	
1.00000	-10.270068	-131.420364	-0.844447
-0.008014	-0.858445	-47.497680	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.610155	74.792540	2.542650
0.005906	2.845730	156.429648	
0.57749	14.610155	74.792540	2.542650
0.005906	1.783261	131.430795	
0.71833	14.610155	74.792540	2.542650
0.005906	0.721566	113.131673	
0.85916	14.610155	74.792540	2.542650
0.005906	0.173150	106.228825	
1.00000	14.610155	74.792540	2.542650
0.005906	0.670939	119.303756	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.035564	-111.008388	-1.207446
-0.008067	-1.355268	-120.146930	
0.57749	-10.035564	-111.008388	-1.207446
-0.008067	-0.848976	-91.053479	
0.71833	-10.035564	-111.008388	-1.207446
-0.008067	-0.342111	-64.012360	
0.85916	-10.035564	-111.008388	-1.207446
-0.008067	-0.353926	-54.443563	
1.00000	-10.035564	-111.008388	-1.207446
-0.008067	-1.418236	-45.655461	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.913600	87.717011	2.542650
0.005906	2.845730	168.714711	
0.57749	14.913600	87.717011	2.542650
0.005906	1.783261	139.380075	
0.71833	14.913600	87.717011	2.542650
0.005906	0.721566	117.785983	
0.85916	14.913600	87.717011	2.542650
0.005906	0.173150	108.179358	
1.00000	14.913600	87.717011	2.542650
0.005906	0.670939	119.580627	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.270068	-131.420364	-1.207446
-0.008067	-1.355268	-134.481920	
0.57749	-10.270068	-131.420364	-1.207446
-0.008067	-0.848976	-99.571541	
0.71833	-10.270068	-131.420364	-1.207446
-0.008067	-0.342111	-66.660354	
0.85916	-10.270068	-131.420364	-1.207446
-0.008067	-0.353926	-56.382527	
1.00000	-10.270068	-131.420364	-1.207446
-0.008067	-1.418236	-47.497680	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	14.913600	87.717011	2.542650
0.005906	2.845730	168.714711	
0.57749	14.913600	87.717011	2.542650
0.005906	1.783261	139.380075	
0.71833	14.913600	87.717011	2.542650
0.005906	0.721566	117.785983	
0.85916	14.913600	87.717011	2.542650
0.005906	0.173150	108.179358	
1.00000	14.913600	87.717011	2.542650
0.005906	0.670939	119.580627	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.270068	-131.420364	-1.207446
-0.008067	-1.355268	-134.481920	
0.57749	-10.270068	-131.420364	-1.207446
-0.008067	-0.848976	-99.571541	
0.71833	-10.270068	-131.420364	-1.207446
-0.008067	-0.342111	-66.660354	
0.85916	-10.270068	-131.420364	-1.207446
-0.008067	-0.353926	-56.382527	
1.00000	-10.270068	-131.420364	-1.207446
-0.008067	-1.418236	-47.497680	

FRAME ELEMENT INTERNAL FORCES

ELEM 273 ========== LENGTH = 2.977271

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.709951	58.826231	0.480073
7.19E-06	0.279218	2.967553	
0.14084	6.709951	58.826231	0.480073
7.19E-06	0.077945	3.455371	
0.28168	6.709951	58.826231	0.480073
7.19E-06	0.122952	3.973647	
0.42252	6.709951	58.826231	0.480073
7.19E-06	0.309175	4.533376	
0.56336	6.709951	58.826231	0.480073
7.19E-06	0.495391	5.123546	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.845236	-4.105009	-0.444092
-0.001905	-0.249472	-28.137645	
0.14084	-2.845236	-4.105009	-0.444092
-0.001905	-0.063257	-52.099543	
0.28168	-2.845236	-4.105009	-0.444092
-0.001905	-0.123468	-76.707823	
0.42252	-2.845236	-4.105009	-0.444092
-0.001905	-0.324701	-101.320388	
0.56336	-2.845236	-4.105009	-0.444092
-0.001905	-0.526001	-125.955501	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.104576	150.660281	0.964663
0.005684	0.572518	112.540557	
0.14084	8.104576	150.660281	0.964663
0.005684	0.169054	89.206245	
0.28168	8.104576	150.660281	0.964663
0.005684	0.158801	66.109214	
0.42252	8.104576	150.660281	0.964663

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 0.005684    0.400102   61.639256
 0.56336     8.104576  150.660281     0.964663
 0.005684    0.641356   69.447298

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -14.043888  -25.646068  -0.575354
-0.007985   -0.323654  -18.163988
 0.14084  -14.043888  -25.646068  -0.575354
-0.007985   -0.103536  -50.111228
 0.28168  -14.043888  -25.646068  -0.575354
-0.007985   -0.258754  -82.618602
 0.42252  -14.043888  -25.646068  -0.575354
-0.007985   -0.644905 -118.707091
 0.56336  -14.043888  -25.646068  -0.575354
-0.007985   -1.045595 -175.123002

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.345954  122.549594   1.333199
 0.004009    0.767377  106.207099
 0.14084   11.345954  122.549594   1.333199
 0.004009    0.208993  111.302753
 0.28168   11.345954  122.549594   1.333199
 0.004009    0.194315  117.994298
 0.42252   11.345954  122.549594   1.333199
 0.004009    0.486524  137.393165
 0.56336   11.345954  122.549594   1.333199
 0.004009    0.778666  165.149677

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.646188  -71.956437  -0.696831
-0.005881   -0.390083  -15.463028
 0.14084  -10.646188  -71.956437  -0.696831
-0.005881   -0.112315  -44.996690
 0.28168  -10.646188  -71.956437  -0.696831
-0.005881   -0.365864  -74.999649
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2949

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.42252  -10.646188  -71.956437  -0.696831
-0.005881   -0.912412 -107.432290
 0.56336  -10.646188  -71.956437  -0.696831
-0.005881   -1.468858 -153.697431

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   14.434212  102.538323   1.494207
 0.004182    0.850968   89.175527
 0.14084   14.434212  102.538323   1.494207
 0.004182    0.224930   93.434891
 0.28168   14.434212  102.538323   1.494207
 0.004182    0.239167  100.904610
 0.42252   14.434212  102.538323   1.494207
 0.004182    0.597842  119.225591
 0.56336   14.434212  102.538323   1.494207
 0.004182    0.956506  146.203096

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.002020  -71.704213  -0.855375
-0.004887   -0.478158  -32.637484
 0.14084  -10.002020  -71.704213  -0.855375
-0.004887   -0.131387  -53.923083
 0.28168  -10.002020  -71.704213  -0.855375
-0.004887   -0.414723  -76.210382
 0.42252  -10.002020  -71.704213  -0.855375
-0.004887   -1.030905 -101.037095
 0.56336  -10.002020  -71.704213  -0.855375
-0.004887   -1.655303 -137.558148

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   1.412106   61.908997   0.569243
 0.004751    0.334915  117.933200
 0.14084   1.412106   61.908997   0.569243
 0.004751    0.096996  111.112830
 0.28168   1.412106   61.908997   0.569243
 0.004751    0.134499  104.855788
 0.42252   1.412106   61.908997   0.569243
 0.004751    0.086662  114.193218
 0.56336   1.412106   61.908997   0.569243
 0.004751    0.138772  133.850737

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -8.637088  -50.417619  -0.124262
-0.004872   -0.069631   -0.881065
 0.14084  -8.637088  -50.417619  -0.124262
-0.004872   -0.035180   -0.834148
 0.28168  -8.637088  -50.417619  -0.124262
-0.004872   -0.161005   -0.794340
 0.42252  -8.637088  -50.417619  -0.124262
-0.004872   -0.384354   -3.741957
 0.56336  -8.637088  -50.417619  -0.124262
-0.004872   -0.619871  -23.693654

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   8.541122   58.487479   1.071149
 0.004959    0.611619  119.832127
 0.14084   8.541122   58.487479   1.071149
 0.004959    0.163153  124.899043
 0.28168   8.541122   58.487479   1.071149
 0.004959    0.108529  134.223613
 0.42252   8.541122   58.487479   1.071149
 0.004959    0.269579  158.466085
 0.56336   8.541122   58.487479   1.071149
 0.004959    0.430612  192.498802

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -7.248992  -84.770209  -0.384064
-0.004417   -0.213527  -10.605910
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2950

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.14084  -7.248992  -84.770209  -0.384064
-0.004417   -0.068983   -8.616762
 0.28168  -7.248992  -84.770209  -0.384064
-0.004417   -0.303872   -7.274187
 0.42252  -7.248992  -84.770209  -0.384064
-0.004417   -0.738768   -9.267744
 0.56336  -7.248992  -84.770209  -0.384064
-0.004417   -1.184989  -27.092013

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  11.636155  107.988701   1.364572
 0.003614    0.775636  110.082947
 0.14084  11.636155  107.988701   1.364572
 0.003614    0.204124  108.436536
 0.28168  11.636155  107.988701   1.364572
 0.003614    0.179188  121.457455
 0.42252  11.636155  107.988701   1.364572
 0.003614    0.447958  145.121054
 0.56336  11.636155  107.988701   1.364572
 0.003614    0.716700  175.763356

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.940308  -78.061384  -0.640890
-0.004613   -0.358117  -10.512173
 0.14084  -11.940308  -78.061384  -0.640890
-0.004613   -0.101058  -20.680284
 0.28168  -11.940308  -78.061384  -0.640890
-0.004613   -0.381224  -47.217565
 0.42252  -11.940308  -78.061384  -0.640890
-0.004613   -0.943123  -76.221310
 0.56336  -11.940308  -78.061384  -0.640890
-0.004613   -1.513217 -116.434069

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   12.248981   90.749432   1.529371
 0.003949    0.862152   91.808842
 0.14084   12.248981   90.749432   1.529371
 0.003949    0.221390   90.453270
 0.28168   12.248981   90.749432   1.529371
 0.003949    0.233151  100.988650
 0.42252   12.248981   90.749432   1.529371
 0.003949    0.582252  120.418180
 0.56336   12.248981   90.749432   1.529371
 0.003949    0.931328  145.729132

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -11.576254  -72.851861  -0.832480
-0.003857   -0.464938  -27.270847
 0.14084  -11.576254  -72.851861  -0.832480
-0.003857   -0.125503  -33.307315
 0.28168  -11.576254  -72.851861  -0.832480
-0.003857   -0.430887  -53.000061
 0.42252  -11.576254  -72.851861  -0.832480
-0.003857   -1.063561  -74.879026
 0.56336  -11.576254  -72.851861  -0.832480
-0.003857   -1.703098 -106.304383

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   2.205942   1.096268   0.608377
 0.001492    0.333791   0.983804
 0.14084   2.205942   1.096268   0.608377
 0.001492    0.078639   1.052220
 0.28168   2.205942   1.096268   0.608377
 0.001492    0.131809   1.198277
 0.42252   2.205942   1.096268   0.608377
 0.001492    0.328656   1.412062
 0.56336   2.205942   1.096268   0.608377
 0.001492    0.525496   1.901852
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2951

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -2.925162  -10.034977  -0.469437
-1.05E-05   -0.261876  -27.856613
 0.14084  -2.925162  -10.034977  -0.469437
-1.05E-05   -0.064923  -24.560855
 0.28168  -2.925162  -10.034977  -0.469437
-1.05E-05   -0.176444  -21.495087
 0.42252  -2.925162  -10.034977  -0.469437
-1.05E-05   -0.431526  -18.702043
 0.56336  -2.925162  -10.034977  -0.469437
-1.05E-05   -0.686624  -16.124262

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   9.643827   4.033816   1.058913
 0.002553    0.583934   6.927756
 0.14084   9.643827   4.033816   1.058913
 0.002553    0.139883   8.271432
 0.28168   9.643827   4.033816   1.058913
 0.002553    0.211472  13.606798
 0.42252   9.643827   4.033816   1.058913
 0.002553    0.526919  20.296574
 0.56336   9.643827   4.033816   1.058913
 0.002553    0.842322  28.033202

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -4.061078  -30.595557  -0.752184
-0.000219   -0.419280  -47.519615
 0.14084  -4.061078  -30.595557  -0.752184
-0.000219   -0.114333  -40.180982
 0.28168  -4.061078  -30.595557  -0.752184
-0.000219   -0.304830  -34.142957
 0.42252  -4.061078  -30.595557  -0.752184
-0.000219   -0.748251  -30.005345
 0.56336  -4.061078  -30.595557  -0.752184
-0.000219   -1.192151  -26.744838

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   9.873494   6.587184   1.422724
 0.002285    0.785594   47.701687
 0.14084   9.873494   6.587184   1.422724
 0.002285    0.188964   72.735764
 0.28168   9.873494   6.587184   1.422724
 0.002285    0.223919  101.378726
 0.42252   9.873494   6.587184   1.422724
 0.002285    0.556676  131.432496
 0.56336   9.873494   6.587184   1.422724
 0.002285    0.889409  162.336323

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -4.267147  -84.731847  -0.793542
-0.000291   -0.441512  -37.921097
 0.14084  -4.267147  -84.731847  -0.793542
-0.000291   -0.109754  -32.684946
 0.28168  -4.267147  -84.731847  -0.793542
-0.000291   -0.408685  -28.138947
 0.42252  -4.267147  -84.731847  -0.793542
-0.000291   -1.004319  -24.522844
 0.56336  -4.267147  -84.731847  -0.793542
-0.000291   -1.600700  -22.175270

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.394323   82.702621   1.561205
 0.004756    0.877795  104.491924
 0.14084   10.394323   82.702621   1.561205
 0.004756    0.223769   96.953983
 0.28168   10.394323   82.702621   1.561205
 0.004756    0.234144  104.003031
 0.42252   10.394323   82.702621   1.561205
 0.004756    0.584186  122.548331
 0.56336   10.394323   82.702621   1.561205
 0.004756    0.934210  148.115205
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2952

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -12.342874  -73.207493  -0.834770
-0.003907   -0.465921  -32.257081
 0.14084  -12.342874  -73.207493  -0.834770
-0.003907   -0.127277  -27.881375
 0.28168  -12.342874  -73.207493  -0.834770
-0.003907   -0.443791  -40.468394
 0.42252  -12.342874  -73.207493  -0.834770
-0.003907   -1.088360  -56.351533
 0.56336  -12.342874  -73.207493  -0.834770
-0.003907   -1.740881  -83.514861

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   7.525458   50.545340   0.884941
 4.31E-06    0.512892    3.805074
 0.14084   7.525458   50.545340   0.884941
 4.31E-06    0.141072    4.016185
 0.28168   7.525458   50.545340   0.884941
 4.31E-06    0.157233    4.228153
 0.42252   7.525458   50.545340   0.884941
 4.31E-06    0.395673    4.533093
 0.56336   7.525458   50.545340   0.884941
 4.31E-06    0.634166    4.929617

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -3.390884  -3.605299  -0.568855
-0.002148   -0.320109  -33.735459
 0.14084  -3.390884  -3.605299  -0.568855
-0.002148   -0.081626  -53.682831
 0.28168  -3.390884  -3.605299  -0.568855
-0.002148   -0.229784  -74.025050
 0.42252  -3.390884  -3.605299  -0.568855
-0.002148   -0.601096  -94.429569
 0.56336  -3.390884  -3.605299  -0.568855
-0.002148   -0.972342 -114.936858

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   8.903703  136.188011   1.571277
 0.005651    0.917005  117.505300
 0.14084   8.903703  136.188011   1.571277
 0.005651    0.260926   92.423105
 0.28168   8.903703  136.188011   1.571277
 0.005651    0.207359   67.407746
 0.42252   8.903703  136.188011   1.571277
 0.005651    0.522451   59.835422
 0.56336   8.903703  136.188011   1.571277
 0.005651    0.837789   65.169112

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -13.312295  -21.344129  -0.751913
-0.008799   -0.435355  -25.429810
 0.14084  -13.312295  -21.344129  -0.751913
-0.008799   -0.136727  -51.187579
 0.28168  -13.312295  -21.344129  -0.751913
-0.008799   -0.423105  -77.031104
 0.42252  -13.312295  -21.344129  -0.751913
-0.008799   -1.068007 -106.962325
 0.56336  -13.312295  -21.344129  -0.751913
-0.008799   -1.720858 -161.016101

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  11.703487  111.323242   2.159467
 0.004190    1.231941  116.388253
 0.14084  11.703487  111.323242   2.159467
 0.004190    0.328517  115.544320
 0.28168  11.703487  111.323242   2.159467
 0.004190    0.273216  115.372614
 0.42252  11.703487  111.323242   2.159467
 0.004190    0.685461  127.599039
 0.56336  11.703487  111.323242   2.159467
 0.004190    1.097962  149.045542
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2953

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.824949  -58.918077  -0.983096
-0.006684   -0.558225  -22.894353
 0.14084  -10.824949  -58.918077  -0.983096
-0.006684   -0.158075  -46.706729
 0.28168  -10.824949  -58.918077  -0.983096
-0.006684   -0.595649  -70.545721
 0.42252  -10.824949  -58.918077  -0.983096
-0.006684   -1.490506  -97.282807
 0.56336  -10.824949  -58.918077  -0.983096
-0.006684   -2.391577 -141.202186

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   13.708733   93.074174   2.472735
 0.004340    1.399840   97.550234
 0.14084   13.708733   93.074174   2.472735
 0.004340    0.364917   97.011429
 0.28168   13.708733   93.074174   2.472735
 0.004340    0.338781   98.310171
 0.42252   13.708733   93.074174   2.472735
 0.004340    0.847723  110.105228
 0.56336   13.708733   93.074174   2.472735
 0.004340    1.356630  131.041470

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.190851  -59.874981  -1.213238
-0.005555   -0.684126  -36.650710
 0.14084  -10.190851  -59.874981  -1.213238
-0.005555   -0.185147  -53.274872
 0.28168  -10.190851  -59.874981  -1.213238
-0.005555   -0.687485  -70.350466
 0.42252  -10.190851  -59.874981  -1.213238
-0.005555   -1.715401  -89.947794
 0.56336  -10.190851  -59.874981  -1.213238
-0.005555   -2.748575 -124.665988

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   1.444682   51.543294   0.776732
 0.003958    0.443459  113.643503
 0.14084   1.444682   51.543294   0.776732
 0.003958    0.120245  109.213014
 0.28168   1.444682   51.543294   0.776732
 0.003958    0.053713  104.809541
 0.42252   1.444682   51.543294   0.776732
 0.003958    0.133805  112.594454
 0.56336   1.444682   51.543294   0.776732
 0.003958    0.213966  129.346897

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -7.662974  -44.378003  -0.191360
-0.004575   -0.114621   -1.074494
 0.14084  -7.662974  -44.378003  -0.191360
-0.004575   -0.046177   -1.041312
 0.28168  -7.662974  -44.378003  -0.191360
-0.004575   -0.223647   -1.007368
 0.42252  -7.662974  -44.378003  -0.191360
-0.004575   -0.538964   -3.824705
 0.56336  -7.662974  -44.378003  -0.191360
-0.004575   -0.860904  -23.441828

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   7.261141   49.862544   1.617469
 0.004302    0.909229  119.303899
 0.14084   7.261141   49.862544   1.617469
 0.004302    0.233753  123.732603
 0.28168   7.261141   49.862544   1.617469
 0.004302    0.171364  130.508447
 0.42252   7.261141   49.862544   1.617469
 0.004302    0.426470  149.449025
 0.56336   7.261141   49.862544   1.617469
 0.004302    0.681865  177.262898
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2954

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -6.532394  -71.978213  -0.608147
-0.004211   -0.344390   -9.359080
 0.14084  -6.532394  -71.978213  -0.608147
-0.004211   -0.101012   -7.603222
 0.28168  -6.532394  -71.978213  -0.608147
-0.004211   -0.463124   -6.084750
 0.42252  -6.532394  -71.978213  -0.608147
-0.004211   -1.131070   -7.603146
 0.56336  -6.532394  -71.978213  -0.608147
-0.004211   -1.805133   -25.619514

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   10.787029   91.330401   2.158462
 0.002922    1.214337  108.943069
 0.14084   10.787029   91.330401   2.158462
 0.002922    0.310933  107.140083
 0.28168   10.787029   91.330401   2.158462
 0.002922    0.258720  117.995212
 0.42252   10.787029   91.330401   2.158462
 0.002922    0.646871  137.396866
 0.56336   10.787029   91.330401   2.158462
 0.002922    1.035412  162.683616

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.675392  -66.349277  -0.925946
-0.004371   -0.521097   -9.949877
 0.14084  -10.675392  -66.349227  -0.925946
-0.004371   -0.140864  -17.047195
 0.28168  -10.675392  -66.349227  -0.925946
-0.004371   -0.605930  -39.491824
 0.42252  -10.675392  -66.349227  -0.925946
-0.004371   -1.504234  -64.312896
 0.56336  -10.675392  -66.349227  -0.925946
-0.004371   -2.406387 -100.078631

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   11.322721   76.744229   2.530107
 0.003498    1.416445   90.930282
 0.14084   11.322721   76.744229   2.530107
 0.003498    0.357261   89.430372
 0.28168   11.322721   76.744229   2.530107
 0.003498    0.337438   98.219277
 0.42252   11.322721   76.744229   2.530107
 0.003498    0.843332  114.024431
 0.56336   11.322721   76.744229   2.530107
 0.003498    1.349041  135.142923

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -10.583335  -62.612400  -1.205783
-0.003657   -0.676315  -26.888746
 0.14084  -10.583335  -62.612400  -1.205783
-0.003657   -0.176861  -30.310425
 0.28168  -10.583335  -62.612400  -1.205783
-0.003657   -0.713514  -46.599877
 0.42252  -10.583335  -62.612400  -1.205783
-0.003657   -1.768710  -64.841284
 0.56336  -10.583335  -62.612400  -1.205783
-0.003657   -2.827144  -92.322343

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   2.193331   0.869612   1.156691
 0.001646    0.637711   0.964983
 0.14084   2.193331   0.869612   1.156691
 0.001646    0.133084   1.159238
 0.28168   2.193331   0.869612   1.156691
 0.001646    0.192769   1.469359
 0.42252   2.193331   0.869612   1.156691
 0.001646    0.481096   1.874857
 0.56336   2.193331   0.869612   1.156691
 0.001646    0.768611   2.300595
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2955

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -3.110664   -9.792857  -0.686167
-8.15E-06   -0.382574  -28.930065
 0.14084  -3.110664   -9.792857  -0.686167
-8.15E-06   -0.094044  -25.688309
 0.28168  -3.110664   -9.792857  -0.686167
-8.15E-06   -0.331556  -22.713570
 0.42252  -3.110664   -9.792857  -0.686167
-8.15E-06   -0.816528  -19.863563
 0.56336  -3.110664   -9.792857  -0.686167
-8.15E-06   -1.301327  -17.102647

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   8.135302   2.884858   1.930486
 0.002627    1.067669   6.212530
 0.14084   8.135302   2.884858   1.930486
 0.002627    0.258969   7.882229
 0.28168   8.135302   2.884858   1.930486
 0.002627    0.313001  13.396817
 0.42252   8.135302   2.884858   1.930486
 0.002627    0.779860  19.768721
 0.56336   8.135302   2.884858   1.930486
 0.002627    1.246093  26.707566

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000  -4.227566  -28.745436  -1.111752
-0.000159   -0.618763  -45.680690
 0.14084  -4.227566  -28.745436  -1.111752
-0.000159   -0.151853  -38.586118
 0.28168  -4.227566  -28.745436  -1.111752
-0.000159   -0.550918  -33.181584
 0.42252  -4.227566  -28.745436  -1.111752
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-0.000159   -1.359978   -28.178700
0.56336     -4.227566   -28.745436     -1.111752
-0.000159   -2.169024   -24.479047

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.659555    2.749748    2.410831
0.002086   1.329789   50.505444
0.14084    8.659555    2.749748    2.410831
0.002086   0.331722   73.224179
0.28168    8.659555    2.749748    2.410831
0.002086   0.337106   98.667781
0.42252    8.659555    2.749748    2.410831
0.002086   0.839370   124.588179
0.56336    8.659555    2.749748    2.410831
0.002086   1.341734   150.739604

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.473694   -73.842922     -1.196772
-9.24E-06   -0.664493   -38.463283
0.14084   -4.473694   -73.842922     -1.196772
-9.24E-06   -0.162026   -32.980985
0.28168   -4.473694   -73.842922     -1.196772
-9.24E-06   -0.691752   -28.435279
0.42252   -4.473694   -73.842922     -1.196772
-9.24E-06   -1.702146   -24.148883
0.56336   -4.473694   -73.842922     -1.196772
-9.24E-06   -2.712201   -20.461502

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.550895   67.873403    2.595725
0.004059   1.446961   101.636968
0.14084    9.550895   67.873403    2.595725
0.004059   0.360523   96.784106
0.28168    9.550895   67.873403    2.595725
0.004059   0.344649   103.766135
0.42252    9.550895   67.873403    2.595725
0.004059   0.860371   119.442914
0.56336    9.550895   67.873403    2.595725
0.004059   1.376280   140.676319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2956

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -11.019086   -64.120121     -1.229356
-0.003387   -0.689441   -32.977597
0.14084   -11.019086   -64.120121     -1.229356
-0.003387   -0.180062   -28.033963
0.28168   -11.019086   -64.120121     -1.229356
-0.003387   -0.738599   -37.944938
0.42252   -11.019086   -64.120121     -1.229356
-0.003387   -1.820748   -50.888277
0.56336   -11.019086   -64.120121     -1.229356
-0.003387   -2.906570   -74.121360

COMB    DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   14.434212   150.660281    1.561205
0.005684   0.877795   119.832127
0.14084   14.434212   150.660281    1.561205
0.005684   0.224930   124.899043
0.28168   14.434212   150.660281    1.561205
0.005684   0.239167   134.223613
0.42252   14.434212   150.660281    1.561205
0.005684   0.597842   158.466085
0.56336   14.434212   150.660281    1.561205
0.005684   0.956506   192.498802

COMB    DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.043888   -84.770209     -0.855375
-0.007985   -0.478158   -47.519615
0.14084   -14.043888   -84.770209     -0.855375
-0.007985   -0.131387   -53.923083
0.28168   -14.043888   -84.770209     -0.855375
-0.007985   -0.443791   -82.618602
0.42252   -14.043888   -84.770209     -0.855375
-0.007985   -1.088396   -118.707091
0.56336   -14.043888   -84.770209     -0.855375
-0.007985   -1.740881   -175.123002

COMB    DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   13.708733   136.188011    2.595725
0.005651   1.446961   119.303899
0.14084   13.708733   136.188011    2.595725
0.005651   0.364917   123.732603
0.28168   13.708733   136.188011    2.595725
0.005651   0.344649   130.508447
0.42252   13.708733   136.188011    2.595725
0.005651   0.860371   149.449025
0.56336   13.708733   136.188011    2.595725
0.005651   1.376280   177.262898

COMB    DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -13.312295   -73.842922     -1.229356
-0.008799   -0.689441   -45.680690
0.14084   -13.312295   -73.842922     -1.229356
-0.008799   -0.165147   -53.682831
0.28168   -13.312295   -73.842922     -1.229356
-0.008799   -0.738599   -77.031104
0.42252   -13.312295   -73.842922     -1.229356
-0.008799   -1.820748   -106.962325
0.56336   -13.312295   -73.842922     -1.229356
-0.008799   -2.906570   -161.016101

COMB    CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   14.434212   150.660281    2.595725
0.005684   1.446961   119.832127
0.14084   14.434212   150.660281    2.595725
0.005684   0.364917   124.899043
0.28168   14.434212   150.660281    2.595725
0.005684   0.344649   134.223613
0.42252   14.434212   150.660281    2.595725
0.005684   0.860371   158.466085
0.56336   14.434212   150.660281    2.595725
0.005684   1.376280   192.498802
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2957

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.043888   -84.770209     -1.229356
-0.008799   -0.689441   -47.519615
0.14084   -14.043888   -84.770209     -1.229356
-0.008799   -0.185147   -53.923083
0.28168   -14.043888   -84.770209     -1.229356
-0.008799   -0.738599   -82.618602
0.42252   -14.043888   -84.770209     -1.229356
-0.008799   -1.820748   -118.707091
0.56336   -14.043888   -84.770209     -1.229356
-0.008799   -2.906570   -175.123002

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   14.434212   150.660281    2.595725
0.005684   1.446961   119.832127
0.14084   14.434212   150.660281    2.595725
0.005684   0.364917   124.899043
0.28168   14.434212   150.660281    2.595725
0.005684   0.344649   134.223613
0.42252   14.434212   150.660281    2.595725
0.005684   0.860371   158.466085
0.56336   14.434212   150.660281    2.595725
0.005684   1.376280   192.498802

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.043888   -84.770209     -1.229356
-0.008799   -0.689441   -47.519615
0.14084   -14.043888   -84.770209     -1.229356
-0.008799   -0.185147   -53.923083
0.28168   -14.043888   -84.770209     -1.229356
-0.008799   -0.738599   -82.618602
0.42252   -14.043888   -84.770209     -1.229356
-0.008799   -1.820748   -118.707091
0.56336   -14.043888   -84.770209     -1.229356
-0.008799   -2.906570   -175.123002

ELEM    274 ================ LENGTH
=    2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    40.429564    3.770230    0.847952
1.92E-05    0.894895    9.061866
0.57750    40.429564    3.770230    0.847952
1.92E-05    0.539375    7.516713
0.71833    40.429564    3.770230    0.847952
1.92E-05    0.183854    6.021441
0.85917    40.429564    3.770230    0.847952
1.92E-05    0.170828    4.656148
1.00000    40.429564    3.770230    0.847952
1.92E-05    0.323289    3.693514

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -4.872676   -36.583483     -0.513887
-0.002381   -0.538541   -80.579851
0.57750   -4.872676   -36.583483     -0.513887
-0.002381   -0.323083   -65.406559
0.71833   -4.872676   -36.583483     -0.513887
-0.002381   -0.107619   -50.458749
0.85917   -4.872676   -36.583483     -0.513887
-0.002381   -0.171685   -36.032962
1.00000   -4.872676   -36.583483     -0.513887
-0.002381   -0.527190   -24.844369

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    45.782647   17.048193    1.460714
0.004349   1.537856   46.893502
0.57750    45.782647   17.048193    1.460714
0.004349   0.925422   40.853665
0.71833    45.782647   17.048193    1.460714
0.004349   0.313049   44.107616
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2958

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.8591     45.782647   17.048193    1.460714
0.004349   0.142718   67.448867
1.00000    45.782647   17.048193    1.460714
0.004349   0.420691   93.685008

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -36.436107   -109.163843     -0.669121
-0.006186   -0.701476   -114.934647
0.57750   -36.436107   -109.163843     -0.669121
-0.006186   -0.420932   -74.687222
0.71833   -36.436107   -109.163843     -0.669121
-0.006186   -0.140344   -52.968138
0.85917   -36.436107   -109.163843     -0.669121
-0.006186   -0.314925   -36.682620
1.00000   -36.436107   -109.163843     -0.669121
-0.006186   -0.913321   -21.275373

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    41.519109   26.019290    1.913280
0.003935   2.011779   67.389271
0.57750    41.519109   26.019290    1.913280
0.003935   1.209614   57.905803
0.71833    41.519109   26.019290    1.913280
0.003935   0.407488   54.846537
0.85917    41.519109   26.019290    1.913280
0.003935   0.171686   65.666101
1.00000    41.519109   26.019290    1.913280
0.003935   0.508383   79.359210

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -27.774106   -92.656376     -0.807378
-0.004781   -0.845592   -106.094090
0.57750   -27.774106   -92.656376     -0.807378
-0.004781   -0.507134   -71.130365
0.71833   -27.774106   -92.656376     -0.807378
-0.004781   -0.168854   -49.961553
0.85917   -27.774106   -92.656376     -0.807378
-0.004781   -0.405299   -33.534027
1.00000   -27.774106   -92.656376     -0.807378
-0.004781   -1.197927   -19.170979

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    52.651941   37.468367    2.058110
0.004114   2.162867   80.530331
0.57750    52.651941   37.468367    2.058110
0.004114   1.299987   67.139559
0.71833    52.651941   37.468367    2.058110
0.004114   0.437150   59.149864
0.85917    52.651941   37.468367    2.058110
0.004114   0.208800   62.844754
1.00000    52.651941   37.468367    2.058110
0.004114   0.620815   69.362823

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -28.554409   -78.742098     -0.986041
-0.003976   -1.032952   -91.549673
0.57750   -28.554409   -78.742098     -0.986041
-0.003976   -0.619643   -61.752801
0.71833   -28.554409   -78.742098     -0.986041
-0.003976   -0.206266   -45.280573
0.85917   -28.554409   -78.742098     -0.986041
-0.003976   -0.434603   -37.801858
1.00000   -28.554409   -78.742098     -0.986041
-0.003976   -1.289575   -32.145905

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    2.937194   12.672572    0.700469
0.004029   0.734375   45.635174
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2959

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.57750    2.937194   12.672572    0.700469
0.004029   0.440690   40.913535
0.71833    2.937194   12.672572    0.700469
0.004029   0.147005   44.083052
0.85917    2.937194   12.672572    0.700469
0.004029   0.033821   64.803530
1.00000    2.937194   12.672572    0.700469
0.004029   0.095420   90.835814

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -36.271987   -72.336734     -0.151992
-0.002963   -0.159471   -35.237038
0.57750   -36.271987   -72.336734     -0.151992
-0.002963   -0.095735   -10.125630
0.71833   -36.271987   -72.336734     -0.151992
-0.002963   -0.031962    1.831796
0.85917   -36.271987   -72.336734     -0.151992
-0.002963   -0.159631   -1.437955
1.00000   -36.271987   -72.336734     -0.151992
-0.002963   -0.441573   -1.286579

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    17.067325   31.564761    1.336685
0.004869   1.401778   77.424908
0.57750    17.067325   31.564761    1.336685
0.004869   0.841347   65.941191
0.71833    17.067325   31.564761    1.336685
0.004869   0.280915   61.808161
0.85917    17.067325   31.564761    1.336685
0.004869   0.095839   73.614604
1.00000    17.067325   31.564761    1.336685
0.004869   0.280229   88.754899

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -28.416372   -65.751330     -0.444418
-0.002758   -0.465365   -34.890343
0.57750   -28.416372   -65.751330     -0.444418
-0.002758   -0.027921   -11.715547
0.71833   -28.416372   -65.751330     -0.444418
-0.002758   -0.092801   -6.566580
0.85917   -28.416372   -65.751330     -0.444418
-0.002758   -0.291577   -9.033662
1.00000   -28.416372   -65.751330     -0.444418
-0.002758   -0.841072   -12.991103

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    36.468611   51.952938    1.858669
0.003767   1.384184   118.646816
0.57750    36.468611   51.952938    1.858669
0.003767   1.173021   98.699375
0.71833    36.468611   51.952938    1.858669
0.003767   0.393774   84.029493
0.85917    36.468611   51.952938    1.858669
0.003767   0.157410   81.285750
1.00000    36.468611   51.952938    1.858669
0.003767   0.466939   81.754976

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -36.151890   -72.685901     -0.741500
-0.003397   -0.777188   -69.884486
0.57750   -36.151890   -72.685901     -0.741500
-0.003397   -0.466215   -42.646208
0.71833   -36.151890   -72.685901     -0.741500
-0.003397   -0.155190   -29.135752
0.85917   -36.151890   -72.685901     -0.741500
-0.003397   -0.394108   -22.315520
1.00000   -36.151890   -72.685901     -0.741500
-0.003397   -1.165649   -17.220488
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2960

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    35.162223   55.302300    2.006431
0.003966   2.106483   122.189473
0.57750    35.162223   55.302300    2.006431
0.003966   1.265264   100.436964
0.71833    35.162223   55.302300    2.006431
0.003966   0.424093   83.172131
0.85917    35.162223   55.302300    2.006431
0.003966   0.202373   75.965805
1.00000    35.162223   55.302300    2.006431
0.003966   0.602505   71.661249

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -38.015081   -62.179152     -0.957025
-0.002840   -0.602696   -61.884790
0.57750   -38.015081   -62.179152     -0.957025
-0.002840   -0.601497   -38.531476
0.71833   -38.015081   -62.179152     -0.957025
-0.002840   -0.200237   -26.233165
0.85917   -38.015081   -62.179152     -0.957025
-0.002840   -0.424379   -22.115809
1.00000   -38.015081   -62.179152     -0.957025
-0.002840   -1.259130   -21.428628

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    3.088543   18.167119    0.693751
0.001256   0.726814   34.914436
0.57750    3.088543   18.167119    0.693751
0.001256   0.435945   27.455891
0.71833    3.088543   18.167119    0.693751
0.001256   0.145076   20.066310
0.85917    3.088543   18.167119    0.693751
0.001256   0.111704   12.789689
1.00000    3.088543   18.167119    0.693751
0.001256   0.335039   5.785082

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -15.125696   -2.930590     -0.532544
-4.29E-06   -0.558081   -6.181173
0.57750   -15.125696   -2.930590     -0.532544
-4.29E-06   -0.334802   -4.961064
0.71833   -15.125696   -2.930590     -0.532544
-4.29E-06   -0.111473   -3.961502
0.85917   -15.125696   -2.930590     -0.532544
-4.29E-06   -0.145811   -3.019945
1.00000   -15.125696   -2.930590     -0.532544
-4.29E-06   -0.436664   -5.139348

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    28.130216   38.884314    1.254124
0.002353   1.314742   65.209368
0.57750    28.130216   38.884314    1.254124
0.002353   0.788924   51.128956
0.71833    28.130216   38.884314    1.254124
0.002353   0.263107   37.478711
0.85917    28.130216   38.884314    1.254124
0.002353   0.179900   24.663739
1.00000    28.130216   38.884314    1.254124
0.002353   0.539011   12.491654

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -19.515958   -5.912919     -0.856391
-0.000114   -0.897230   -9.469231
0.57750   -19.515958   -5.912919     -0.856391
-0.000114   -0.538175   -7.150850
0.71833   -19.515958   -5.912919     -0.856391
-0.000114   -0.178979   -10.010547
0.85917   -19.515958   -5.912919     -0.856391
-0.000114   -0.263220   -15.917483
1.00000   -19.515958   -5.912919     -0.856391
-0.000114   -0.788573   -27.721515
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2961

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    15.145855   40.581899    1.724752
0.002948   1.808016   86.543164
0.57750    15.145855   40.581899    1.724752
0.002948   1.084879   71.108586
0.71833    15.145855   40.581899    1.724752
0.002948   0.361743   56.476912
0.85917    15.145855   40.581899    1.724752
0.002948   0.191203   43.797504
1.00000    15.145855   40.581899    1.724752
0.002948   0.571519   34.519188

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -25.744055   -24.153024     -0.907591
-0.000182   -0.951017   -22.838387
0.57750   -25.744055   -24.153024     -0.907591
-0.000182   -0.570425   -13.517041
0.71833   -25.744055   -24.153024     -0.907591
-0.000182   -0.189759   -9.059852
0.85917   -25.744055   -24.153024     -0.907591
-0.000182   -0.362193   -9.852963
1.00000   -25.744055   -24.153024     -0.907591
-0.000182   -1.084607   -17.611497

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    23.066489   59.722206    1.967888
0.004548   2.064540   136.088862
0.57750    23.066489   59.722206    1.967888
0.004548   1.239463   112.394949
0.71833    23.066489   59.722206    1.967888
0.004548   0.414386   93.932456
0.85917    23.066489   59.722206    1.967888
0.004548   0.202572   86.846561
1.00000    23.066489   59.722206    1.967888
0.004548   0.602524   82.900114

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -47.954598   -59.834071     -0.957095
-0.002596   -1.002867   -48.031723
0.57750   -47.954598   -59.834071     -0.957095
-0.002596   -0.601627   -26.125742
0.71833   -47.954598   -59.834071     -0.957095
-0.002596   -0.200304   -17.033135
0.85917   -47.954598   -59.834071     -0.957095
-0.002596   -0.419149   -13.581582
1.00000   -47.954598   -59.834071     -0.957095
-0.002596   -1.236557   -16.412784

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    55.102068   5.178272    1.406082
1.50E-05    1.481540   13.183381
0.57750    55.102068   5.178272    1.406082
1.50E-05    0.892591   11.055289
0.71833    55.102068   5.178272    1.406082
1.50E-05    0.302110   8.973251
0.85917    55.102068   5.178272    1.406082
1.50E-05    0.139663   7.015109
1.00000    55.102068   5.178272    1.406082
1.50E-05    0.419115   5.239078

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -7.507693   -43.887270     -0.666736
-0.002816   -0.699103   -104.781166
0.57750   -7.507693   -43.887270     -0.666736
-0.002816   -0.419589   -86.451732
0.71833   -7.507693   -43.887270     -0.666736
-0.002816   -0.140136   -68.190827
0.85917   -7.507693   -43.887270     -0.666736
-0.002816   -0.287007   -50.370687
1.00000   -7.507693   -43.887270     -0.666736
-0.002816   -0.877497   -33.647891
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2962

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    60.727806   20.247819    2.266122
0.004790   2.378242   45.434214
0.57750    60.727806   20.247819    2.266122
0.004790   1.428938   40.727348
0.71833    60.727806   20.247819    2.266122
0.004790   0.478416   48.158516
0.85917    60.727806   20.247819    2.266122
0.004790   0.196885   72.241122
1.00000    60.727806   20.247819    2.266122
0.004790   0.570604   97.328664

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43667   -36.908648   -116.108056     -0.898089
-0.006055   -0.940534   -138.999299
0.57750   -36.908648   -116.108056     -0.898089
-0.006055   -0.564216   -92.564850
0.71833   -36.908648   -116.108056     -0.898089
-0.006055   -0.188295   -67.866924
0.85917   -36.908648   -116.108056     -0.898089
-0.006055   -0.485391   -49.263620
1.00000   -36.908648   -116.108056     -0.898089
-0.006055   -1.424239   -31.149842

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43667    56.856136   29.948260    2.990851
0.004329   3.138848   72.273724
0.57750    56.856136   29.948260    2.990851
0.004329   1.885600   62.898283
```

```
 0.71833    56.856136    29.948260     2.990851
 0.004329    0.631845    62.490530
 0.85917    56.856136    29.948260     2.990851
 0.004329    0.249814    74.138174
 1.00000    56.856136    29.948260     2.990851
 0.004329    0.735404    87.322595

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -31.982763   -98.182512   -1.163007
-0.004883   -1.217452  -126.981346
 0.57750   -31.982763   -98.182512   -1.163007
-0.004883   -0.729683   -87.597162
 0.71833   -31.982763   -98.182512   -1.163007
-0.004883   -0.242628   -64.350305
 0.85917   -31.982763   -98.182512   -1.163007
-0.004883   -0.632600   -45.362798
 1.00000   -31.982763   -98.182512   -1.163007
-0.004883   -1.878065   -29.137829

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    60.855352    45.649108    3.310090
 0.004512    3.473680    90.152021
 0.57750    60.855352    45.649108    3.310090
 0.004512    2.086513    74.345534
 0.71833    60.855352    45.649108    3.310090
 0.004512    0.698907    66.749549
 0.85917    60.855352    45.649108    3.310090
 0.004512    0.301183    70.311135
 1.00000    60.855352    45.649108    3.310090
 0.004512    0.892809    75.951873

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -32.960432   -83.509657   -1.414177
-0.004063   -1.480729  -109.679110
 0.57750   -32.960432   -83.509657   -1.414177
-0.004063   -0.887707   -76.182992
 0.71833   -32.960432   -83.509657   -1.414177
-0.004063   -0.294795   -57.788008
 0.85917   -32.960432   -83.509657   -1.414177
-0.004063   -0.697525   -45.416405
 1.00000   -32.960432   -83.509657   -1.414177
-0.004063   -2.078205   -36.475146
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2963

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    3.904542    11.473162    0.954153
 0.003691    0.996332    39.261902
 0.57750    3.904542    11.473162    0.954153
 0.003691    0.596202    36.636853
 0.71833    3.904542    11.473162    0.954153
 0.003691    0.196855    42.979179
 0.85917    3.904542    11.473162    0.954153
 0.003691    0.056657    62.562051
 1.00000    3.904542    11.473162    0.954153
 0.003691    0.155363    84.486480

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -32.471081   -64.168479   -0.240304
-0.002157   -0.250641   -37.836167
 0.57750   -32.471081   -64.168479   -0.240304
-0.002157   -0.150028   -12.543050
 0.71833   -32.471081   -64.168479   -0.240304
-0.002157   -0.049808    -2.816468
 0.85917   -32.471081   -64.168479   -0.240304
-0.002157   -0.213660    -1.894331
 1.00000   -32.471081   -64.168479   -0.240304
-0.002157    -0.604829    -1.626413

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    15.062839    33.526016    2.025721
 0.004684    2.121103    77.266058
 0.57750    15.062839    33.526016    2.025721
 0.004684    1.272272    66.087395
 0.71833    15.062839    33.526016    2.025721
 0.004684    0.423659    63.846200
 0.85917    15.062839    33.526016    2.025721
 0.004684    0.155487    73.832842
 1.00000    15.062839    33.526016    2.025721
 0.004684    0.453076    86.065476

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -27.997675   -58.833233   -0.714131
-0.002003   -0.746509   -37.508647
 0.57750   -27.997675   -58.833233   -0.714131
-0.002003   -0.546559   -14.658305
 0.71833   -27.997675   -58.833233   -0.714131
-0.002003   -0.147600    -8.233584
 0.85917   -27.997675   -58.833233   -0.714131
-0.002003   -0.436782    -7.863991
 1.00000   -27.997675   -58.833233   -0.714131
-0.002003    -1.277528   -10.626719

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    39.969703    53.568637    2.869283
 0.003448    1.807137    120.418100
 0.57750    39.969703    53.568637    2.869283
 0.003448    1.807369    100.222882
 0.71833    39.969703    53.568637    2.869283
 0.003448    0.604911    86.122137
 0.85917    39.969703    53.568637    2.869283
 0.003448    0.231900    80.469517
 1.00000    39.969703    53.568637    2.869283
 0.003448    0.687445    76.980749

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -37.815801   -67.582578   -1.089591
-0.002996   -1.140608   -77.729171
 0.57750   -37.815801   -67.582578   -1.089591
-0.002996   -0.683447   -50.812399
 0.71833   -37.815801   -67.582578   -1.089591
-0.002996   -0.226991   -35.101512
 0.85917   -37.815801   -67.582578   -1.089591
-0.002996    -0.604728   -24.540347
 1.00000   -37.815801   -67.582578   -1.089591
-0.002996    -1.802225   -16.992870
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2964

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    37.954081    61.418093    3.245064
 0.003773    3.403775    129.773132
 0.57750    37.954081    61.418093    3.245064
 0.003773    2.043377    105.764145
 0.71833    37.954081    61.418093    3.245064
 0.003773    0.683327    86.947610
 0.85917    37.954081    61.418093    3.245064
 0.003773    0.296149    76.058221
 1.00000    37.954081    61.418093    3.245064
 0.003773    0.882629    67.750575

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -40.912468   -58.328745   -1.400093
-0.002503   -1.466223   -69.389363
 0.57750   -40.912468   -58.328745   -1.400093
-0.002503   -0.879024   -46.122407
 0.71833   -40.912468   -58.328745   -1.400093
-0.002503   -0.291747   -32.120614
 0.85917   -40.912468   -58.328745   -1.400093
-0.002503   -0.682463   -24.452509
 1.00000   -40.912468   -58.328745   -1.400093
-0.002503   -2.038384   -20.463338

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    4.019681    23.738547    1.315366
 0.001434    1.378000    43.573426
 0.57750    4.019681    23.738547    1.315366
 0.001434    0.826702    33.747972
 0.71833    4.019681    23.738547    1.315366
 0.001434    0.275457    24.022127
 0.85917    4.019681    23.738547    1.315366
 0.001434    0.162484    14.526062
 1.00000    4.019681    23.738547    1.315366
 0.001434    0.488916     6.200207

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -20.086259    -3.663816   -0.776469
-2.25E-06   -0.813912    -7.903824
 0.57750   -20.086229    -3.663816   -0.776469
-2.25E-06   -0.488563    -6.404054
 0.71833   -20.086229    -3.663816   -0.776469
-2.25E-06   -0.162124    -5.046432
 0.85917   -20.086229    -3.663816   -0.776469
-2.25E-06   -0.275618    -3.921567
 1.00000   -20.086229    -3.663816   -0.776469
-2.25E-06   -0.827043    -5.404736

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    24.533851    50.749659    2.285857
 0.002577    2.396578    80.055546
 0.57750    24.533851    50.749659    2.285857
 0.002577    1.438463    60.677559
 0.71833    24.533851    50.749659    2.285857
 0.002577    0.480369    42.825049
 0.85917    24.533851    50.749659    2.285857
 0.002577    0.263238    26.687938
 1.00000    24.533851    50.749659    2.285857
 0.002577    0.791152    12.349345

COMB DL-G3-2 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -24.657140    -6.291991   -1.257407
-6.24E-05   -1.317505   -11.913809
 0.57750   -24.657140    -6.291991   -1.257407
-6.24E-05   -0.790043    -9.444027
 0.71833   -24.657140    -6.291991   -1.257407
-6.24E-05   -0.262068   -10.794889
 0.85917   -24.657140    -6.291991   -1.257407
-6.24E-05   -0.478084   -14.547001
 1.00000   -24.657140    -6.291991   -1.257407
-6.24E-05    -1.435968   -22.867505
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2965

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    16.252702    49.821937    2.901605
 0.002809    3.041631    101.169971
 0.57750    16.252702    49.821937    2.901605
 0.002809    1.825657    81.603239
 0.71833    16.252702    49.821937    2.901605
 0.002809    0.609395    63.584823
 0.85917    16.252702    49.821937    2.901605
 0.002809    0.228641    47.824171
 1.00000    16.252702    49.821937    2.901605
 0.002809    0.860895    35.533760

COMB DL-G3-3 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -31.705972   -20.174399   -1.368861
-5.66E-06   -1.433645   -25.273976
 0.57750   -31.705972   -20.174399   -1.368861
-5.66E-06   -0.859110   -17.469555
 0.71833   -31.705972   -20.174399   -1.368861
-5.66E-06   -0.284728   -11.779267
 0.85917   -31.705972   -20.174399   -1.368861
-5.66E-06   -0.607504   -11.193148
 1.00000   -31.705972   -20.174399   -1.368861
-5.66E-06   -1.823743   -16.491337

COMB DL-G3-4 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    26.388509    66.028856    3.216182
 0.004178    3.371236    141.535274
 0.57750    26.388509    66.028856    3.216182
 0.004178    2.023232    115.980087
 0.71833    26.388509    66.028856    3.216182
 0.004178    0.675152    96.063003
 0.85917    26.388509    66.028856    3.216182
 0.004178    0.300904    84.486206
 1.00000    26.388509    66.028856    3.216182
 0.004178    0.896303    76.127853

COMB DL-G3-4 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -49.833439   -53.315125   -1.421770
-0.001918   -1.488866   -52.989263
 0.57750   -49.833439   -53.315125   -1.421770
-0.001918   -0.892502   -31.868841
 0.71833   -49.833439   -53.315125   -1.421770
-0.001918   -0.296280   -21.022532
 0.85917   -49.833439   -53.315125   -1.421770
-0.001918   -0.679226   -15.892314
 1.00000   -49.833439   -53.315125   -1.421770
-0.001918   -2.022549   -16.239225

COMB      DB ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    52.651941    59.722206    2.058110
 0.004869    2.162867    136.088862
 0.57750    52.651941    59.722206    2.058110
 0.004869    1.299987    112.394949
 0.71833    52.651941    59.722206    2.058110
 0.004869    0.437150    93.932456
 0.85917    52.651941    59.722206    2.058110
 0.004869    0.208800    86.846561
 1.00000    52.651941    59.722206    2.058110
 0.004869    0.620815    93.685008

COMB      DB ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -47.954598   -109.163843   -0.986041
-0.006186   -1.032952  -114.934647
 0.57750   -47.954598   -109.163843   -0.986041
-0.006186   -0.619643   -74.687222
 0.71833   -47.954598   -109.163843   -0.986041
-0.006186   -0.206266   -52.968138
 0.85917   -47.954598   -109.163843   -0.986041
-0.006186   -0.434603   -37.801858
 1.00000   -47.954598   -109.163843   -0.986041
-0.006186   -1.269575   -32.145905
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2966

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    60.855352    66.028856    3.310090
 0.004790    3.473680    141.535274
 0.57750    60.855352    66.028856    3.310090
 0.004790    2.086513    115.980087
 0.71833    60.855352    66.028856    3.310090
 0.004790    0.698907    96.063003
 0.85917    60.855352    66.028856    3.310090
 0.004790    0.301183    84.486206
 1.00000    60.855352    66.028856    3.310090
 0.004790    0.896303    97.328664

COMB      DL ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -49.833439   -116.108056   -1.421770
-0.006055   -1.488866   -138.999299
 0.57750   -49.833439   -116.108056   -1.421770
-0.006055   -0.892502   -92.564850
 0.71833   -49.833439   -116.108056   -1.421770
-0.006055   -0.296280   -68.190827
 0.85917   -49.833439   -116.108056   -1.421770
-0.006055   -0.697525   -50.320687
 1.00000   -49.833439   -116.108056   -1.421770
-0.006055   -2.078205   -36.475146

COMB      CAR ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    60.855352    66.028856    3.310090
 0.004869    3.473680    141.535274
 0.57750    60.855352    66.028856    3.310090
 0.004869    2.086513    115.980087
 0.71833    60.855352    66.028856    3.310090
 0.004869    0.698907    96.063003
 0.85917    60.855352    66.028856    3.310090
 0.004869    0.301183    86.846561
 1.00000    60.855352    66.028856    3.310090
 0.004869    0.896303    97.328664

COMB      CAR ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -49.833439   -116.108056   -1.421770
-0.006186   -1.488866   -138.999299
 0.57750   -49.833439   -116.108056   -1.421770
-0.006186   -0.892502   -92.564850
 0.71833   -49.833439   -116.108056   -1.421770
-0.006186   -0.296280   -68.190827
 0.85917   -49.833439   -116.108056   -1.421770
-0.006186   -0.697525   -50.320687
 1.00000   -49.833439   -116.108056   -1.421770
-0.006186   -2.078205   -36.475146

COMB      DESIGN ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.43667    60.855352    66.028856    3.310090
 0.004869    3.473680    141.535274
 0.57750    60.855352    66.028856    3.310090
 0.004869    2.086513    115.980087
 0.71833    60.855352    66.028856    3.310090
 0.004869    0.698907    96.063003
 0.85917    60.855352    66.028856    3.310090
 0.004869    0.301183    86.846561
 1.00000    60.855352    66.028856    3.310090
 0.004869    0.896303    97.328664

COMB      DESIGN ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.43667   -49.833439   -116.108056   -1.421770
-0.006186   -1.488866   -138.999299
 0.57750   -49.833439   -116.108056   -1.421770
-0.006186   -0.892502   -92.564850
 0.71833   -49.833439   -116.108056   -1.421770
-0.006186   -0.296280   -68.190827
 0.85917   -49.833439   -116.108056   -1.421770
-0.006186   -0.697525   -50.320687
 1.00000   -49.833439   -116.108056   -1.421770
-0.006186   -2.078205   -36.475146
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2967

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      275 ================== LENGTH
=     2.977015

COMB DB-G1-1 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    40.749045    3.830647    0.548120
 4.98E-06    0.349697    3.694109
 0.14083    40.749045    3.830647    0.548120
 4.98E-06    0.119896    3.075554
 0.28166    40.749045    3.830647    0.548120
 4.98E-06    0.101416   12.498170
 0.42249    40.749045    3.830647    0.548120
 4.98E-06    0.308309   27.484493
 0.56332    40.749045    3.830647    0.548120
 4.98E-06    0.515154   42.638856

COMB DB-G1-1 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    -5.073627   -36.474278   -0.493366
-0.002385   -0.312228   -24.854313
 0.14083    -5.073627   -36.474278   -0.493366
-0.002385   -0.107376   -20.615554
 0.28166    -5.073627   -36.474278   -0.493366
-0.002385   -0.109956   -16.526988
 0.42249    -5.073627   -36.474278   -0.493366
-0.002385   -0.339755   -13.368454
 0.56332    -5.073627   -36.474278   -0.493366
-0.002385   -0.569546   -10.516517

COMB DB-G1-2 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    46.317323    74.370604    1.190339
 0.003350    0.774642    93.849280
 0.14083    46.317323    74.370604    1.190339
 0.003350    0.276111    69.012773
 0.28166    46.317323    74.370604    1.190339
 0.003350    0.130815    58.078067
 0.42249    46.317323    74.370604    1.190339
 0.003350    0.398251    72.784565
 0.56332    46.317323    74.370604    1.190339
 0.003350    0.665584    95.998685

COMB DB-G1-2 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -42.178583   -58.023196   -0.637638
-0.007443   -0.403738   -21.284053
 0.14083   -42.178583   -58.023196   -0.637638
-0.007443   -0.136373   -18.070731
 0.28166   -42.178583   -58.023196   -0.637638
-0.007443   -0.240852   -18.764243
 0.42249   -42.178583   -58.023196   -0.637638
-0.007443   -0.730333   -30.073222
 0.56332   -42.178583   -58.023196   -0.637638
-0.007443   -1.221619   -56.505389

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    41.843588    64.934115    1.689545
 0.002800    1.081726    79.465422
 0.14083    41.843588    64.934115    1.689545
 0.002800    0.373734    63.032043
 0.28166    41.843588    64.934115    1.689545
 0.002800    0.162893    61.969967
 0.42249    41.843588    64.934115    1.689545
 0.002800    0.493592    79.060658
 0.56332    41.843588    64.934115    1.689545
 0.002800    0.824185   102.557163

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -31.462368   -58.342350   -0.788767
-0.005642   -0.498547   -19.178966
 0.14083   -31.462368   -58.342350   -0.788767
-0.005642   -0.167899   -15.974524
 0.28166   -31.462368   -58.342350   -0.788767
-0.005642   -0.346843   -16.802113
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2968

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
          T          M2          M3
 0.42249   -31.462368   -58.342350   -0.788767
-0.005642   -1.048655   -27.351978
 0.56332   -31.462368   -58.342350   -0.788767
-0.005642   -1.751696   -51.005723

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    52.953971    69.761899    1.917461
 0.003386    1.222230    69.448908
 0.14083    52.953971    69.761899    1.917461
 0.003386    0.418625    52.883579
 0.28166    52.953971    69.761899    1.917461
 0.003386    0.202744    52.497532
 0.42249    52.953971    69.761899    1.917461
 0.003386    0.614224    67.516876
 0.56332    52.953971    69.761899    1.917461
 0.003386    1.025569    87.857363

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -31.414426   -50.269693   -0.981354
-0.004691   -0.620188   -32.153975
 0.14083   -31.414426   -50.269693   -0.981354
-0.004691   -0.206716   -36.035033
 0.28166   -31.414426   -50.269693   -0.981354
-0.004691   -0.395433   -43.344243
 0.42249   -31.414426   -50.269693   -0.981354
-0.004691    -1.193905   -58.560493
 0.56332   -31.414426   -50.269693   -0.981354
-0.004691    -1.993403   -84.753937

COMB DB-G2-1 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    2.990311    61.390152    0.764304
 0.002796    0.497757    90.966269
 0.14083    2.990311    61.390152    0.764304
 0.002796    0.177787    77.154625
 0.28166    2.990311    61.390152    0.764304
 0.002796    0.030244    63.384425
 0.42249    2.990311    61.390152    0.764304
 0.002796    0.091900    68.039278
 0.56332    2.990311    61.390152    0.764304
 0.002796    0.153496    79.762755

COMB DB-G2-1 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -40.813481   -30.061520   -0.146922
-0.003956   -0.092890   -21.281901
 0.14083   -40.813481   -30.061520   -0.146922
-0.003956   -0.031228    -1.131955
 0.28166   -40.813481   -30.061520   -0.146922
-0.003956   -0.157617    -0.983496
 0.42249   -40.813481   -30.061520   -0.146922
-0.003956    -0.470094    -8.845305
 0.56332   -40.813481   -30.061520   -0.146922
-0.003956    -0.784030   -29.270798

COMB DB-G2-2 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    17.046484    77.026201    1.424103
 0.003661    0.912158    88.874859
 0.14083    17.046484    77.026201    1.424103
 0.003661    0.315506    70.125332
 0.28166    17.046484    77.026201    1.424103
 0.003661    0.094034    55.576428
 0.42249    17.046484    77.026201    1.424103
 0.003661    0.283545    58.726951
 0.56332    17.046484    77.026201    1.424103
 0.003661    0.473033    68.803439

COMB DB-G2-2 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -32.325371   -26.596753   -0.452144
-0.003587   -0.285314   -12.992216
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   2969

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
          T          M2          M3
 0.14083   -32.325371   -26.596753   -0.452144
-0.003587   -0.095666   -16.965101
 0.28166   -32.325371   -26.596753   -0.452144
-0.003587   -0.295473   -20.943920
 0.42249   -32.325371   -26.596753   -0.452144
-0.003587    -0.885109   -34.551656
 0.56332   -32.325371   -26.596753   -0.452144
-0.003587    -1.476119   -62.867597

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
          T          M2          M3
 0.00000    36.705687    83.297061    1.775270
 0.002776    1.131032    81.830998
 0.14083    36.705687    83.297061    1.775270
 0.002776    0.387050    61.891254
 0.28166    36.705687    83.297061    1.775270
 0.002776    0.151625    61.101899
 0.42249    36.705687    83.297061    1.775270
 0.002776    0.459048    74.110253
 0.56332    36.705687    83.297061    1.775270
 0.002776    0.766487    92.253641

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
          T          M2          M3
 0.00000   -38.724061   -45.024127   -0.733516
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-0.004314   -0.463686   -17.224262
0.14083   -38.724061   -45.024127   -0.733516
-0.004314   -0.155987   -16.536765
0.28166   -38.724061   -45.024127   -0.733516
-0.004314   -0.367172   -28.085527
0.42249   -38.724061   -45.024127   -0.733516
-0.004314   -1.106205   -48.770083
0.56332   -38.724061   -45.024127   -0.733516
-0.004314   -1.846211   -80.715710

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   35.403135   81.465708    2.006032
 0.003446    1.274020   71.722790
 0.14083   35.403135   81.465708    2.006032
 0.003446    0.433240   51.541402
 0.28166   35.403135   81.465708    2.006032
 0.003446    0.199013   51.210676
 0.42249   35.403135   81.465708    2.006032
 0.003446    0.602805   62.499759
 0.56332   35.403135   81.465708    2.006032
 0.003446    1.006456   78.230074

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -39.959255  -38.997101   -0.962984
-0.003606   -0.608543   -21.433850
 0.14083  -39.959255  -38.997101   -0.962984
-0.003606   -0.204711   -24.249198
 0.28166  -39.959255  -38.997101   -0.962984
-0.003606   -0.416113   -38.112613
 0.42249  -39.959255  -38.997101   -0.962984
-0.003606   -1.252754   -59.367220
 0.56332  -39.959255  -38.997101   -0.962984
-0.003606   -2.090203   -90.087610

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.928979   18.100235    0.821964
 0.001745    0.517068    1.781783
 0.14083    2.928979   18.100235    0.821964
 0.001745    0.172457    1.972166
 0.28166    2.928979   18.100235    0.821964
 0.001745    0.114143    2.438661
 0.42249    2.928979   18.100235    0.821964
 0.001745    0.346184    2.933403
 0.56332    2.928979   18.100235    0.821964
 0.001745    0.578114    3.475388
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2970

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -14.796104   -2.867772   -0.553202
-5.77E-06   -0.349614   -5.143543
 0.14083  -14.796104   -2.867772   -0.553202
-5.77E-06   -0.117603   -10.127812
 0.28166  -14.796104   -2.867772   -0.553202
-5.77E-06   -0.172174   -15.670361
 0.42249  -14.796104   -2.867772   -0.553202
-5.77E-06   -0.516775   -21.546386
 0.56332  -14.796104   -2.867772   -0.553202
-5.77E-06   -0.861379   -28.134701

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   27.975922   40.818695    1.416121
 0.002990    0.891949   12.490703
 0.14083   27.975922   40.818695    1.416121
 0.002990    0.298254    2.178982
 0.28166   27.975922   40.818695    1.416121
 0.002990    0.183237    2.296403
 0.42249   27.975922   40.818695    1.416121
 0.002990    0.555223    3.661666
 0.56332   27.975922   40.818695    1.416121
 0.002990    0.927049    5.369793

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -19.132343   -4.251814   -0.886896
-0.000149   -0.560298   -27.727687
 0.14083  -19.132343   -4.251814   -0.886896
-0.000149   -0.188311   -40.727129
 0.28166  -19.132343   -4.251814   -0.886896
-0.000149   -0.296035   -54.166334
 0.42249  -19.132343   -4.251814   -0.886896
-0.000149   -0.889448   -68.283498
 0.56332  -19.132343   -4.251814   -0.886896
-0.000149   -1.482913   -83.246397

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   14.889933   43.589225    1.907336
 0.002875    1.201042   34.515110
 0.14083   14.889933   43.589225    1.907336
 0.002875    0.401415   30.878065
 0.28166   14.889933   43.589225    1.907336
 0.002875    0.194710   37.095530
 0.42249   14.889933   43.589225    1.907336
 0.002875    0.587409   45.549409
 0.56332   14.889933   43.589225    1.907336
 0.002875    0.982624   54.728360

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -25.301279  -22.269732   -0.939882
-0.000236   -0.593555   -17.616231
 0.14083  -25.301279  -22.269732   -0.939882
-0.000236   -0.199327   -26.272428
 0.28166  -25.301279  -22.269732   -0.939882
-0.000236   -0.399191   -35.338357
 0.42249  -25.301279  -22.269732   -0.939882
-0.000236   -1.198334   -46.856312
 0.56332  -25.301279  -22.269732   -0.939882
-0.000236   -1.997593   -62.762852

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   23.057041   90.888103    2.073400
 0.004173    1.316912   82.976388
 0.14083   23.057041   90.888103    2.073400
 0.004173    0.447916   58.162780
 0.28166   23.057041   90.888103    2.073400
 0.004173    0.200874   51.085502
 0.42249   23.057041   90.888103    2.073400
 0.004173    0.608376   58.687089
 0.56332   23.057041   90.888103    2.073400
 0.004173    1.015798   71.447532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2971

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -50.307431  -32.375056   -0.971795
-0.003453   -0.614117   -16.417876
 0.14083  -50.307431  -32.375056   -0.971795
-0.003453   -0.206577   -22.740820
 0.28166  -50.307431  -32.375056   -0.971795
-0.003453   -0.431247   -33.626920
 0.42249  -50.307431  -32.375056   -0.971795
-0.003453   -1.295305   -56.741085
 0.56332  -50.307431  -32.375056   -0.971795
-0.003453   -2.160342   -90.653261

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   55.640806    5.225034    0.985896
 2.78E-06    0.626997    5.239951
 0.14083   55.640806    5.225034    0.985896
 2.78E-06    0.213322    3.636841
 0.28166   55.640806    5.225034    0.985896
 2.78E-06    0.130327   13.102048
 0.42249   55.640806    5.225034    0.985896
 2.78E-06    0.395918   29.279061
 0.56332   55.640806    5.225034    0.985896
 2.78E-06    0.661559   46.238173

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -7.762375  -43.947032   -0.633694
-0.002763   -0.401129   -33.658725
 0.14083   -7.762375  -43.947032   -0.633694
-0.002763   -0.135583   -20.434131
 0.28166   -7.762375  -43.947032   -0.633694
-0.002763   -0.199687   -14.506136
 0.42249   -7.762375  -43.947032   -0.633694
-0.002763   -0.613474   -13.344227
 0.56332   -7.762375  -43.947032   -0.633694
-0.002763   -1.026746   -12.930772

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   61.526320   79.951371    1.916385
 0.002849    1.235555   97.359709
 0.14083   61.526320   79.951371    1.916385
 0.002849    0.431749   69.665431
 0.28166   61.526320   79.951371    1.916385
 0.002849    0.171838   57.106532
 0.42249   61.526320   79.951371    1.916385
 0.002849    0.522961   71.067049
 0.56332   61.526320   79.951371    1.916385
 0.002849    0.874039   95.116993

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -39.151604  -62.443388   -0.837494
-0.008259   -0.530226   -31.161562
 0.14083  -39.151604  -62.443388   -0.837494
-0.008259   -0.179132   -18.491906
 0.28166  -39.151604  -62.443388   -0.837494
-0.008259   -0.387189   -16.893989
 0.42249  -39.151604  -62.443388   -0.837494
-0.008259   -1.183587   -30.744557
 0.56332  -39.151604  -62.443388   -0.837494
-0.008259   -1.978680   -62.274086

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   57.481813   72.309602    2.729953
 0.002482    0.740126   87.338107
 0.14083   57.481813   72.309602    2.729953
 0.002482    0.596127   64.919168
 0.28166   57.481813   72.309602    2.729953
 0.002482    0.231927   57.653491
 0.42249   57.481813   72.309602    2.729953
 0.002482    0.705182   71.939073
 0.56332   57.481813   72.309602    2.729953
 0.002482    1.178401   94.748006
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2972

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -33.225094  -60.491498   -1.127979
-0.006436   -0.712386   -29.148655
 0.14083  -33.225094  -60.491498   -1.127979
-0.006436   -0.239155   -17.943826
 0.28166  -33.225094  -60.491498   -1.127979
-0.006436   -0.560035   -17.162697
 0.42249  -33.225094  -60.491498   -1.127979
-0.006436   -1.698992   -29.579829
 0.56332  -33.225094  -60.491498   -1.127979
-0.006436   -2.837375   -57.220934

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   61.262140   80.873167    3.141523
 0.003173    1.996449   75.962514
 0.14083   61.262140   80.873167    3.141523
 0.003173    0.798599   54.427169
 0.28166   61.262140   80.873167    3.141523
 0.003173    0.290346   49.068341
 0.42249   61.262140   80.873167    3.141523
 0.003173    0.882271   61.643955
 0.56332   61.262140   80.873167    3.141523
 0.003173    1.473818   81.347743

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -33.669017  -52.227147   -1.410399
-0.005352   -0.890603   -36.485168
 0.14083  -33.669017  -52.227147   -1.410399
-0.005352   -0.298708   -33.494394
 0.28166  -33.669017  -52.227147   -1.410399
-0.005352   -0.646663   -41.462859
 0.42249  -33.669017  -52.227147   -1.410399
-0.005352   -1.959059   -60.394034
 0.56332  -33.669017  -52.227147   -1.410399
-0.005352   -3.270875   -92.230791

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    4.050996   53.860463    1.086131
 0.001993    0.698150   84.500576
 0.14083    4.050996   53.860463    1.086131
 0.001993    0.243294   71.696782
 0.28166    4.050996   53.860463    1.086131
 0.001993    0.047855   59.409204
 0.42249    4.050996   53.860463    1.086131
 0.001993    0.144835   62.231203
 0.56332    4.050996   53.860463    1.086131
 0.001993    0.242205   71.804476

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -33.723349  -27.222413   -0.231743
-0.003704   -0.145672   -1.626835
 0.14083  -33.723349  -27.222413   -0.231743
-0.003704   -0.048702   -1.383745
 0.28166  -33.723349  -27.222413   -0.231743
-0.003704   -0.022324   -1.261462
 0.42249  -33.723349  -27.222413   -0.231743
-0.003704   -0.672939   -9.337418
 0.56332  -33.723349  -27.222413   -0.231743
-0.003704   -1.123091   -29.605372

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   15.033738   74.180929    2.186820
 0.002845    1.391624   86.075891
 0.14083   15.033738   74.180929    2.186820
 0.002845    0.475635   66.428901
 0.28166   15.033738   74.180929    2.186820
 0.002845    0.15147    50.275707
 0.42249   15.033738   74.180929    2.186820
 0.002845    0.458735   49.877936
 0.56332   15.033738   74.180929    2.186820
 0.002845    0.766029   57.793704
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2973

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -28.718347  -23.586546   -0.732358
-0.003432   -0.461099   -10.627533
 0.14083  -28.718347  -23.586546   -0.732358
-0.003432   -0.153439   -14.372401
 0.28166  -28.718347  -23.586546   -0.732358
-0.003432   -0.452959   -19.239895
 0.42249  -28.718347  -23.586546   -0.732358
-0.003432   -1.364018   -34.080368
 0.56332  -28.718347  -23.586546   -0.732358
-0.003432   -2.275176   -63.348143

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   40.348625   79.120458    2.808386
 0.002075    1.780766   76.976352
 0.14083   40.348625   79.120458    2.808386
 0.002075    0.603800   59.882796
 0.28166   40.348625   79.120458    2.808386
 0.002075    0.222082   57.218767
 0.42249   40.348625   79.120458    2.808386
 0.002075    0.674834   67.671918
 0.56332   40.348625   79.120458    2.808386
 0.002075    1.127145   84.469383

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -38.232229  -44.762970   -1.078687
-0.004212   -0.680592   -16.997500
 0.14083  -38.232229  -44.762970   -1.078687
-0.004212   -0.227962   -14.686444
 0.28166  -38.232229  -44.762970   -1.078687
-0.004212   -0.581013   -26.462215
 0.42249  -38.232229  -44.762970   -1.078687
-0.004212   -1.754780   -47.168744
 0.56332  -38.232229  -44.762970   -1.078687
-0.004212   -2.928360   -78.348728

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   38.121155   82.717933    3.285140
 0.002972    2.079442   67.744455
 0.14083   38.121155   82.717933    3.285140
 0.002972    0.702599   49.952643
 0.28166   38.121155   82.717933    3.285140
 0.002972    0.291263   48.139457
 0.42249   38.121155   82.717933    3.285140
 0.002972    0.885024   57.644114
 0.56332   38.121155   82.717933    3.285140
 0.002972    1.477843   72.295874

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -40.882544  -39.179794   -1.414100
-0.003521   -0.892927   -20.468756
 0.14083  -40.882544  -39.179794   -1.414100
-0.003521   -0.299219   -21.318600
 0.28166  -40.882544  -39.179794   -1.414100
-0.003521   -0.680450   -38.492343
 0.42249  -40.882544  -39.179794   -1.414100
-0.003521   -2.054624   -62.430964
 0.56332  -40.882544  -39.179794   -1.414100
-0.003521   -3.428636   -95.077683

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    3.708650   23.580054    1.503196
 0.001943    0.316683   19.225112
 0.14083    3.708650   23.580054    1.503196
 0.001943    0.316683    1.906237
 0.28166    3.708650   23.580054    1.503196
 0.001943    0.167816    3.151306
 0.42249    3.708650   23.580054    1.503196
 0.001943    0.509578    4.558022
 0.56332    3.708650   23.580054    1.503196
 0.001943    0.851013    5.972544
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2974

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -19.467072   -3.621735   -0.814071
-3.84E-06   -0.514276   -5.407423
 0.14083  -19.467072   -3.621735   -0.814071
-3.84E-06   -0.172633   -9.569942
 0.28166  -19.467072   -3.621735   -0.814071
-3.84E-06   -0.312965   -18.322643
 0.42249  -19.467072   -3.621735   -0.814071
-3.84E-06   -0.942861   -27.418572
 0.56332  -19.467072   -3.621735   -0.814071
-3.84E-06   -1.572987   -36.759569

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   24.099038   52.037220    2.504396
 0.003188    1.578448   12.343066
 0.14083   24.099038   52.037220    2.504396
 0.003188    0.782566   52.162159
 0.28166   24.099038   52.037220    2.504396
 0.003188    0.273630    2.822055
 0.42249   24.099038   52.037220    2.504396
 0.003188    0.829525    4.590983
 0.56332   24.099038   52.037220    2.504396
 0.003188    1.385147    6.595730

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -23.712205   -5.167012   -1.324534
-0.000107   -0.836125   -22.871101
 0.14083  -23.712205   -5.167012   -1.324534
-0.000107   -0.260183   -35.233577
 0.28166  -23.712205   -5.167012   -1.324534
-0.000107   -0.520823   -54.994424
 0.42249  -23.712205   -5.167012   -1.324534
-0.000107   -1.570161   -75.399227
 0.56332  -23.712205   -5.167012   -1.324534
-0.000107   -2.619696   -96.327752

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   15.839807   49.931403    3.193514
 0.002821    2.010797   35.519577
 0.14083   15.839807   49.931403    3.193514
 0.002821    0.672577   30.205438
 0.28166   15.839807   49.931403    3.193514
 0.002821    0.296059   34.519220
 0.42249   15.839807   49.931403    3.193514
 0.002821    0.898345   40.205331
 0.56332   15.839807   49.931403    3.193514
 0.002821    1.500510   47.859396

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -30.531890  -20.867897   -1.434820
-9.54E-06   -0.904779   -16.494681
 0.14083  -30.531890  -20.867897   -1.434820
-9.54E-06   -0.302606   -25.039421
 0.28166  -30.531890  -20.867897   -1.434820
-9.54E-06   -0.666462   -39.214409
 0.42249  -30.531890  -20.867897   -1.434820
-9.54E-06   -2.004462   -54.759877
 0.56332  -30.531890  -20.867897   -1.434820
-9.54E-06   -3.342663   -73.655210

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   26.326384   89.277762    3.413228
 0.003556    2.159063   76.122365
 0.14083   26.326384   89.277762    3.413228
 0.003556    0.728825   55.699868
 0.28166   26.326384   89.277762    3.413228
 0.003556    0.299058   49.505332
 0.42249   26.326384   89.277762    3.413228
 0.003556    0.908270   55.772182
 0.56332   26.326384   89.277762    3.413228
 0.003556    1.517041   67.735291
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2975

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -49.682257  -32.542206   -1.451354
-0.003118   -0.916077   -16.243343
 0.14083  -49.682257  -32.542206   -1.451354
-0.003118   -0.307000   -22.095969
 0.28166  -49.682257  -32.542206   -1.451354
-0.003118   -0.708645   -37.868012
 0.42249  -49.682257  -32.542206   -1.451354
-0.003118   -2.135876   -63.311373
 0.56332  -49.682257  -32.542206   -1.451354
-0.003118   -3.563279   -98.420497

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   52.953971   90.888103    2.073400
 0.004173    1.316912   93.849280
 0.14083   52.953971   90.888103    2.073400
 0.004173    0.447916   77.154625
 0.28166   52.953971   90.888103    2.073400
 0.004173    0.202744   63.384425
 0.42249   52.953971   90.888103    2.073400
 0.004173    0.614224   73.943538
 0.56332   52.953971   90.888103    2.073400
 0.004173    1.025569  102.557163

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -50.307431  -58.342350   -0.981354
-0.007443   -0.620188   -32.153975
 0.14083  -50.307431  -58.342350   -0.981354
-0.007443   -0.208716   -40.727129
 0.28166  -50.307431  -58.342350   -0.981354
-0.007443   -0.431247   -54.166334
 0.42249  -50.307431  -58.342350   -0.981354
-0.007443   -1.295305   -68.283498
 0.56332  -50.307431  -58.342350   -0.981354
-0.007443   -2.160342   -90.653261

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   61.526320   89.277762    3.413228
 0.003556    2.159063   97.359709
 0.14083   61.526320   89.277762    3.413228
 0.003556    0.728825   71.696782
 0.28166   61.526320   89.277762    3.413228
 0.003556    0.299058   59.409204
 0.42249   61.526320   89.277762    3.413228
 0.003556    0.908270   71.939073
 0.56332   61.526320   89.277762    3.413228
 0.003556    1.517041   95.116993

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -49.682257  -62.443388   -1.451354
-0.008259   -0.916077   -36.485168
 0.14083  -49.682257  -62.443388   -1.451354
-0.008259   -0.307000   -35.223377
 0.28166  -49.682257  -62.443388   -1.451354
-0.008259   -0.708645   -54.994424
 0.42249  -49.682257  -62.443388   -1.451354
-0.008259   -2.135876   -75.399227
 0.56332  -49.682257  -62.443388   -1.451354
-0.008259   -3.563279   -98.420497

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   61.526320   90.888103    3.413228
 0.004173    2.159063   97.359709
 0.14083   61.526320   90.888103    3.413228
 0.004173    0.728825   77.154625
 0.28166   61.526320   90.888103    3.413228
 0.004173    0.299058   63.384425
 0.42249   61.526320   90.888103    3.413228
 0.004173    0.908270   79.060658
 0.56332   61.526320   90.888103    3.413228
 0.004173    1.517041  102.557163
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   2976

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -50.307431  -62.443388   -1.451354
-0.008259   -0.916077   -36.485168
 0.14083  -50.307431  -62.443388   -1.451354
-0.008259   -0.307000   -40.727129
 0.28166  -50.307431  -62.443388   -1.451354
-0.008259   -0.708645   -54.994424
 0.42249  -50.307431  -62.443388   -1.451354
-0.008259   -2.135876   -75.399227
 0.56332  -50.307431  -62.443388   -1.451354
-0.008259   -3.563279   -98.420497

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   61.526320   90.888103    3.413228
 0.004173    2.159063   97.359709
 0.14083   61.526320   90.888103    3.413228
 0.004173    0.728825   77.154625
 0.28166   61.526320   90.888103    3.413228
 0.004173    0.299058   63.384425
 0.42249   61.526320   90.888103    3.413228
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 0.004173    0.908270   79.060658
 0.56332    61.526320   90.888103     3.413228
 0.004173    1.517041  102.557163

COMB  DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -50.307431  -62.443388   -1.451354
-0.008259   -0.916077  -36.485168
 0.14083  -50.307431  -62.443388   -1.451354
-0.008259   -0.708645  -40.727129
 0.28166  -50.307431  -62.443388   -1.451354
-0.008259   -0.708645  -54.994424
 0.42249  -50.307431  -62.443388   -1.451354
-0.008259   -2.135876  -75.399227
 0.56332  -50.307431  -62.443388   -1.451354
-0.008259   -3.563279  -98.420497

ELEM      276 ================== LENGTH
=     2.977110

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   72.834064   10.138971   0.791214
 2.32E-05   0.891146   20.237851
 0.57750   72.834064   10.138971   0.791214
 2.32E-05   0.559411   16.010495
 0.71833   72.834064   10.138971   0.791214
 2.32E-05   0.227677   11.813436
 0.85917   72.834064   10.138971   0.791214
 2.32E-05   0.048053    7.689557
 1.00000   72.834064   10.138971   0.791214
 2.32E-05   0.227866    4.126334

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -8.648552  -126.135793   -0.429299
-0.002514   -0.492122  -232.199372
 0.57750  -8.648552  -126.135793   -0.429299
-0.002514   -0.312128  -179.332121
 0.71833  -8.648552  -126.135793   -0.429299
-0.002514   -0.132127  -126.474812
 0.85917  -8.648552  -126.135793   -0.429299
-0.002514   -0.105011   -73.793522
 1.00000  -8.648552  -126.135793   -0.429299
-0.002514   -0.436267   -21.276741

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   81.241643   26.290422   1.310221
 0.004068    1.488328   57.775235
 0.57750   81.241643   26.290422   1.310221
 0.004068    0.938999   49.144439
 0.71833   81.241643   26.290422   1.310221
 0.004068    0.389706   49.966949
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2977

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.85917   81.241643   26.290422   1.310221
 0.004068    0.074378   59.320579
 1.00000   81.241643   26.290422   1.310221
 0.004068    0.308490   76.135478

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -64.840306  -196.125164   -0.563020
-0.004701   -0.642320  -281.883441
 0.57750  -64.840306  -196.125164   -0.563020
-0.004701   -0.407331  -208.123490
 0.71833  -64.840306  -196.125164   -0.563020
-0.004701   -0.172314  -143.638327
 0.85917  -64.840306  -196.125164   -0.563020
-0.004701   -0.160641   -81.029642
 1.00000  -64.840306  -196.125164   -0.563020
-0.004701   -0.709368   -21.773742

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   73.451469   69.949035   1.679159
 0.003834    1.912712  136.387184
 0.57750   73.451469   69.949035   1.679159
 0.003834    1.212177  108.617647
 0.71833   73.451469   69.949035   1.679159
 0.003834    0.508235   87.234415
 0.85917   73.451469   69.949035   1.679159
 0.003834    0.081290   71.510829
 1.00000   73.451469   69.949035   1.679159
 0.003834    0.363628   59.659635

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -53.300430  -161.302442   -0.674857
-0.003799   -0.772606  -246.880010
 0.57750  -53.300430  -161.302442   -0.674857
-0.003799   -0.490323  -185.022375
 0.71833  -53.300430  -161.302442   -0.674857
-0.003799   -0.208120  -129.472904
 0.85917  -53.300430  -161.302442   -0.674857
-0.003799   -0.196740   -74.185517
 1.00000  -53.300430  -161.302442   -0.674857
-0.003799   -0.900163  -20.094327

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   90.056667  108.854695   1.781523
 0.004101    2.039440  199.778230
 0.57750   90.056667  108.854695   1.781523
 0.004101    1.292488  155.671215
 0.71833   90.056667  108.854695   1.781523
 0.004101    0.545614  116.978417
 0.85917   90.056667  108.854695   1.781523
 0.004101    0.094830   83.421715
 1.00000   90.056667  108.854695   1.781523
 0.004101    0.438444   55.065666

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -53.242296  -137.955683   -0.820450
-0.003162   -0.941222  -212.758866
 0.57750  -53.242296  -137.955683   -0.820450
-0.003162   -0.597779  -159.708949
 0.71833  -53.242296  -137.955683   -0.820450
-0.003162   -0.254400  -111.893724
 0.85917  -53.242296  -137.955683   -0.820450
-0.003162   -0.202087   -65.077403
 1.00000  -53.242296  -137.955683   -0.820450
-0.003162   -0.948571   -31.091730

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   4.955364   27.276425   0.586086
 0.003830   0.675792   62.454593
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2978

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.57750   4.955364   27.276425   0.586086
 0.003830   0.430064   53.103166
 0.71833   4.955364   27.276425   0.586086
 0.003830   0.184373   51.589264
 0.85917   4.955364   27.276425   0.586086
 0.003830   0.022572   57.294827
 1.00000   4.955364   27.276425   0.586086
 0.003830   0.076938   70.009196

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -65.354338  -55.257579   -0.130292
-0.001664   -0.147054  -32.443781
 0.57750  -65.354338  -55.257579   -0.130292
-0.001664   -0.093316  -16.340078
 0.71833  -65.354338  -55.257579   -0.130292
-0.001664   -0.039536   -7.992009
 0.85917  -65.354338  -55.257579   -0.130292
-0.001664   -0.061667   -3.237842
 1.00000  -65.354338  -55.257579   -0.130292
-0.001664   -0.307266   -1.662934

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   27.635886   91.748134   1.117425
 0.004792    1.288877  170.770991
 0.57750   27.635886   91.748134   1.117425
 0.004792    0.820366  134.260244
 0.71833   27.635886   91.748134   1.117425
 0.004792    0.351929  105.120440
 0.85917   27.635886   91.748134   1.117425
 0.004792    0.047539   82.788016
 1.00000   27.635886   91.748134   1.117425
 0.004792    0.202309   66.002497

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -54.738495  -41.996266   -0.370505
-0.001470   -0.424149  -23.253732
 0.57750  -54.738495  -41.996266   -0.370505
-0.001470   -0.269569  -12.223538
 0.71833  -54.738495  -41.996266   -0.370505
-0.001470   -0.115089   -8.411034
 0.85917  -54.738495  -41.996266   -0.370505
-0.001470   -0.116831   -5.959501
 1.00000  -54.738495  -41.996266   -0.370505
-0.001470   -0.585169  -13.083528

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   61.501503   99.009281   1.596833
 0.003747    1.830996  189.915736
 0.57750   61.501503   99.009281   1.596833
 0.003747    1.161480  149.816064
 0.71833   61.501503   99.009281   1.596833
 0.003747    0.492061  114.967198
 0.85917   61.501503   99.009281   1.596833
 0.003747    0.073120   85.001691
 1.00000   61.501503   99.009281   1.596833
 0.003747    0.332199   62.815230

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -63.399346  -107.791900   -0.619009
-0.002578   -0.709478  -153.668567
 0.57750  -63.399346  -107.791900   -0.619009
-0.002578   -0.450456  -113.231752
 0.71833  -63.399346  -107.791900   -0.619009
-0.002578   -0.191489   -77.946196
 0.85917  -63.399346  -107.791900   -0.619009
-0.002578   -0.177791   -43.944860
 1.00000  -63.399346  -107.791900   -0.619009
-0.002578   -0.847076   -19.652120
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2979

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   58.364195  127.557132   1.702351
 0.004003    1.657626  239.862719
 0.57750   58.364195  127.557132   1.702351
 0.004003    1.243869  187.615257
 0.71833   58.364195  127.557132   1.702351
 0.004003    0.530192  139.790920
 0.85917   58.364195  127.557132   1.702351
 0.004003    0.090209   96.134632
 1.00000   58.364195  127.557132   1.702351
 0.004003    0.422978   59.534567

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -65.693211  -94.486041   -0.794539
-0.002153   -0.912514  -136.842278
 0.57750  -65.693211  -94.486041   -0.794539
-0.002153   -0.579809  -101.210814
 0.71833  -65.693211  -94.486041   -0.794539
-0.002153   -0.247173   -69.895282
 0.85917  -65.693211  -94.486041   -0.794539
-0.002153   -0.183805   -39.460430
 1.00000  -65.693211  -94.486041   -0.794539
-0.002153   -0.897404   -19.970531

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   4.867832   64.716361   0.558061
 0.001336   0.649597  120.780075
 0.57750   4.867832   64.716361   0.558061
 0.001336   0.415617   93.740373
 0.71833   4.867832   64.716361   0.558061
 0.001336   0.181589   66.714466
 0.85917   4.867832   64.716361   0.558061
 0.001336   0.045858   39.760228
 1.00000   4.867832   64.716361   0.558061
 0.001336   0.229528   13.128210

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -25.145348   -7.663158   -0.437892
-2.57E-06   -0.504875  -14.578542
 0.57750  -25.145348   -7.663158   -0.437892
-2.57E-06   -0.321279  -11.374728
 0.71833  -25.145348   -7.663158   -0.437892
-2.57E-06   -0.137682   -8.181080
 0.85917  -25.145348   -7.663158   -0.437892
-2.57E-06   -0.052316   -5.110756
 1.00000  -25.145348   -7.663158   -0.437892
-2.57E-06   -0.286332   -2.580931

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   44.992079  126.301950   1.024591
 0.002547    1.188481  222.611046
 0.57750   44.992079  126.301950   1.024591
 0.002547    0.758905  177.225054
 0.71833   44.992079  126.301950   1.024591
 0.002547    0.329350  118.346549
 0.85917   44.992079  126.301950   1.024591
 0.002547    0.074324   67.406204
 1.00000   44.992079  126.301950   1.024591
 0.002547    0.369971   19.975787

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -32.164700  -12.186773   -0.704602
-6.13E-05   -0.811933   -21.029943
 0.57750  -32.164700  -12.186773   -0.704602
-6.13E-05   -0.516548   -16.194657
 0.71833  -32.164700  -12.186773   -0.704602
-6.13E-05   -0.221123   -11.658321
 0.85917  -32.164700  -12.186773   -0.704602
-6.13E-05   -0.100266    -9.699332
 1.00000  -32.164700  -12.186773   -0.704602
-6.13E-05   -0.529931   -11.406507
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2980

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   24.262990  143.229766   1.419176
 0.003182    1.643081  264.573227
 0.57750   24.262990  143.229766   1.419176
 0.003182    1.048058  204.798161
 0.71833   24.262990  143.229766   1.419176
 0.003182    0.453018  145.621989
 0.85917   24.262990  143.229766   1.419176
 0.003182    0.079405   87.267544
 1.00000   24.262990  143.229766   1.419176
 0.003182    0.393062   30.929937

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -48.029847  -12.362721   -0.748421
-9.71E-05   -0.862388  -21.063018
 0.57750  -48.029847  -12.362721   -0.748421
-9.71E-05   -0.548582  -16.314141
 0.71833  -48.029847  -12.362721   -0.748421
-9.71E-05   -0.234840  -12.039391
 0.85917  -48.029847  -12.362721   -0.748421
-9.71E-05   -0.142140   -8.768082
 1.00000  -48.029847  -12.362721   -0.748421
-9.71E-05   -0.737113  -12.437369

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   38.223917  140.969339   1.645519
 0.004580    1.898396  267.893466
 0.57750   38.223917  140.969339   1.645519
 0.004580    1.208470  210.162811
 0.71833   38.223917  140.969339   1.645519
 0.004580    0.518614  158.376775
 0.85917   38.223917  140.969339   1.645519
 0.004580    0.090198  112.575692
 1.00000   38.223917  140.969339   1.645519
 0.004580    0.422587   71.432423

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -83.740063  -72.403696   -0.793385
-0.001742   -0.911589  -90.879969
 0.57750  -83.740063  -72.403696   -0.793385
-0.001742   -0.579473  -65.212110
 0.71833  -83.740063  -72.403696   -0.793385
-0.001742   -0.247428  -44.636067
 0.85917  -83.740063  -72.403696   -0.793385
-0.001742   -0.171553   -25.146845
 1.00000  -83.740063  -72.403696   -0.793385
-0.001742   -0.861382   -13.592393

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   99.048977   13.709267   1.288147
 1.70E-05    1.455088   28.551708
 0.57750   99.048977   13.709267   1.288147
 1.70E-05    0.915945   22.825147
 0.71833   99.048977   13.709267   1.288147
 1.70E-05    0.374935   17.103824
 0.85917   99.048977   13.709267   1.288147
 1.70E-05    0.163523   11.440590
 1.00000   99.048977   13.709267   1.288147
 1.70E-05    0.298055    6.046099

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -13.190044  -160.037069   -0.560274
-0.002936   -0.641705  -298.979781
 0.57750  -13.190044  -160.037069   -0.560274
-0.002936   -0.406878  -231.888993
 0.71833  -13.190044  -160.037069   -0.560274
-0.002936   -0.172061  -164.798528
 0.85917  -13.190044  -160.037069   -0.560274
-0.002936   -0.165231   -97.895098
 1.00000  -13.190044  -160.037069   -0.560274
-0.002936   -0.705629   -31.150027
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2981

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  109.053525   34.081412   2.002614
 0.003866    2.778668   72.093078
 0.57750  109.053525   34.081412   2.002614
 0.003866    1.439457   58.818361
 0.71833  109.053525   34.081412   2.002614
 0.003866    0.599248   53.571031
 0.85917  109.053525   34.081412   2.002614
 0.003866    0.098951   64.377333
 1.00000  109.053525   34.081412   2.002614
 0.003866    0.426466   77.385232

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -61.863555  -234.666062   -0.781992
-0.005207   -0.886701  -359.457414
 0.57750  -61.863555  -234.666062   -0.781992
-0.005207   -0.558862  -263.808057
 0.71833  -61.863555  -234.666062   -0.781992
-0.005207   -0.235470  -184.510461
 0.85917  -61.863555  -234.666062   -0.781992
-0.005207   -0.240700  -106.694315
 1.00000  -61.863555  -234.666062   -0.781992
-0.005207   -1.079759   -31.856552

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  101.624134   84.367786   2.593838
 0.003778    2.965834  164.238578
 0.57750  101.624134   84.367786   2.593838
 0.003778    1.878830  129.531027
 0.71833  101.624134   84.367786   2.593838
 0.003778    0.791830  100.483662
 0.85917  101.624134   84.367786   2.593838
 0.003778    0.115560   82.689059
 1.00000  101.624134   84.367786   2.593838
 0.003778    0.530163   65.946300

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -56.882053  -198.112921   -0.989615
-0.004299   -1.128831  -317.682730
 0.57750  -56.882053  -198.112921   -0.989615
-0.004299   -0.713707  -236.520115
 0.71833  -56.882053  -198.112921   -0.989615
-0.004299   -0.301795  -166.938516
 0.85917  -56.882053  -198.112921   -0.989615
-0.004299   -0.296908   -97.632886
 1.00000  -56.882053  -198.112921   -0.989615
-0.004299   -1.383884   -30.628095

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  106.311458  132.782884   2.840485
 0.004128    3.255792  243.049344
 0.57750  106.311458  132.782884   2.840485
 0.004128    2.065160  188.016955
 0.71833  106.311458  132.782884   2.840485
 0.004128    0.874329  137.735747
 0.85917  106.311458  132.782884   2.840485
 0.004128    0.133961   97.188859
 1.00000  106.311458  132.782884   2.840485
 0.004128    0.633004   60.725480

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -57.673443  -169.375939   -1.190073
-0.003578   -1.362044  -273.415783
 0.57750  -57.673443  -169.375939   -1.190073
-0.003578   -0.862965  -203.992141
 0.71833  -57.673443  -169.375939   -1.190073
-0.003578   -0.366230  -144.181223
 0.85917  -57.673443  -169.375939   -1.190073
-0.003578   -0.316905   -85.975263
 1.00000  -57.673443  -169.375939   -1.190073
-0.003578   -1.507639   -36.162214
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2982

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   6.688689   28.200140   0.781754
 0.003094    0.905058   64.678435
 0.57750   6.688689   28.200140   0.781754
 0.003094    0.577247   53.630044
 0.71833   6.688689   28.200140   0.781754
 0.003094    0.250010   48.295648
 0.85917   6.688689   28.200140   0.781754
 0.003094    0.033517   54.333542
 1.00000   6.688689   28.200140   0.781754
 0.003094    0.123116   62.752355

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -54.967902  -52.863501   -0.219863
-0.001497   -0.245553   -38.976679
 0.57750  -54.967902  -52.863501   -0.219863
-0.001497   -0.153515   -18.784274
 0.71833  -54.967902  -52.863501   -0.219863
-0.001497   -0.064483   -10.077655
 0.85917  -54.967902  -52.863501   -0.219863
-0.001497   -0.079255    -4.337557
 1.00000  -54.967902  -52.863501   -0.219863
-0.001497   -0.406112    -2.160674

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   24.655221  105.869053   1.679300
 0.004224    1.940729  196.271698
 0.57750   24.655221  105.869053   1.679300
 0.004224    1.236821  152.563845
 0.71833   24.655221  105.869053   1.679300
 0.004224    0.533220  114.260222
 0.85917   24.655221  105.869053   1.679300
 0.004224    0.070582   86.900055
 1.00000   24.655221  105.869053   1.679300
 0.004224    0.324600   62.727521

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -50.306316  -40.982503   -0.606868
-0.001355   -0.697916  -29.192070
 0.57750  -50.306316  -40.982503   -0.606868
-0.001355   -0.437277   -15.315419
 0.71833  -50.306316  -40.982503   -0.606868
-0.001355   -0.185659   -10.821053
 0.85917  -50.306316  -40.982503   -0.606868
-0.001355   -0.172176    -8.127225
 1.00000  -50.306316  -40.982503   -0.606868
-0.001355   -0.675832   -11.277833

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   69.473887  117.215949   2.444433
 0.003212    2.807656  225.452853
 0.57750   69.473887  117.215949   2.444433
 0.003212    1.782994  176.790966
 0.71833   69.473887  117.215949   2.444433
 0.003212    0.758101  131.679384
 0.85917   69.473887  117.215949   2.444433
 0.003212    0.104311   86.567519
 1.00000   69.473887  117.215949   2.444433
 0.003212    0.489269   59.536083

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -66.467356  -123.581575   -0.919173
-0.002601   -1.051173  -192.192960
 0.57750  -66.467356  -123.581575   -0.919173
-0.002601   -0.665521  -141.667632
 0.71833  -66.467356  -123.581575   -0.919173
-0.002601   -0.281932   -98.315379
 0.85917  -66.467356  -123.581575   -0.919173
-0.002601   -0.267115   -56.653077
 1.00000  -66.467356  -123.581575   -0.919173
-0.002601   -1.292147   -21.335039
Program    SAP2000    Nonlinear    Version    7.42
            File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                2983

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   65.039619  155.404321   2.735489
 0.003618    3.148948  291.818131
 0.57750   65.039619  155.404321   2.735489
 0.003618    2.002053  227.077172
 0.71833   65.039619  155.404321   2.735489
 0.003618    0.855217  165.355622
 0.85917   65.039619  155.404321   2.735489
 0.003618    0.128510  109.761449
 1.00000   65.039619  155.404321   2.735489
 0.003618    0.619195   57.908027

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -70.982859  -108.511394   -1.169916
-0.002171   -1.341836  -171.095966
 0.57750  -70.982859  -108.511394   -1.169916
-0.002171   -0.851260  -126.621993
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0.71833   -70.982859  -108.511394    -1.169916
-0.002171   -0.361953   -88.170142
0.85917   -70.982859  -108.511394    -1.169916
-0.002171   -0.291637   -50.844878
1.00000   -70.982859  -108.511394    -1.169916
-0.002171   -1.438420   -21.384146

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667    6.221823    80.982067    1.064689
 0.001479    1.235975   152.095541
0.57750    6.221823    80.982067    1.064689
 0.001479    0.789564   118.186640
0.71833    6.221823    80.982067    1.064689
 0.001479    0.343431    84.349167
0.85917    6.221823    80.982067    1.064689
 0.001479    0.106606    50.567503
1.00000    6.221823    80.982067    1.064689
 0.001479    0.333608    17.079196

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -33.818620    -9.624955    -0.637306
-1.66E-06   -0.735344   -18.427871
0.57750   -33.818620    -9.624955    -0.637306
-1.66E-06   -0.468357   -14.426486
0.71833   -33.818620    -9.624955    -0.637306
-1.66E-06   -0.200660   -10.448070
0.85917   -33.818620    -9.624955    -0.637306
-1.66E-06   -0.102427    -6.633202
1.00000   -33.818620    -9.624955    -0.637306
-1.66E-06   -0.548935    -3.190971

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   39.417712   157.544233    1.878014
 0.002768    2.173591   279.026990
0.57750   39.417712   157.544233    1.878014
 0.002768    1.386163   213.104994
0.71833   39.417712   157.544233    1.878014
 0.002768    0.598992   147.509874
0.85917   39.417712   157.544233    1.878014
 0.002768    0.106799    82.991454
1.00000   39.417712   157.544233    1.878014
 0.002768    0.541024    23.285651

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -41.122621  -14.306225    -1.033111
-4.24E-05   -1.191345   -26.491774
0.57750   -41.122621  -14.306225    -1.033111
-4.24E-05   -0.758450   -20.591588
0.71833   -41.122621  -14.306225    -1.033111
-4.24E-05   -0.324415   -15.038155
0.85917   -41.122621  -14.306225    -1.033111
-4.24E-05   -0.187735   -12.701634
1.00000   -41.122621  -14.306225    -1.033111
-4.24E-05   -0.975185   -19.391053
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2984

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   26.073871   171.383656    2.384025
 0.003102    2.760764   318.042021
0.57750   26.073871   171.383656    2.384025
 0.003102    1.761416   246.257681
0.71833   26.073871   171.383656    2.384025
 0.003102    0.762377   174.577198
0.85917   26.073871   171.383656    2.384025
 0.003102    0.117002   103.361971
1.00000   26.073871   171.383656    2.384025
 0.003102    0.589212    34.819888

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -57.315527  -14.765273    -1.125810
-5.35E-06   -1.297508   -27.680949
0.57750   -57.315527  -14.765273    -1.125810
-5.35E-06   -0.825581   -21.529442
0.71833   -57.315527  -14.765273    -1.125810
-5.35E-06   -0.353909   -15.662103
0.85917   -57.315527  -14.765273    -1.125810
-5.35E-06   -0.237467   -11.971235
1.00000   -57.315527  -14.765273    -1.125810
-5.35E-06   -1.237391   -13.070250

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   44.378399   169.031078    2.674489
 0.004049    3.087746   321.726838
0.57750   44.378399   169.031078    2.674489
 0.004049    1.996666   251.330772
0.71833   44.378399   169.031078    2.674489
 0.004049    0.845658   184.220184
0.85917   44.378399   169.031078    2.674489
 0.004049    0.131672   123.863670
1.00000   44.378399   169.031078    2.674489
 0.004049    0.627315    67.080963

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -86.148367  -79.441983    -1.186718
-0.001615   -1.361900   -113.652342
0.57750   -86.148367  -79.441983    -1.186718
-0.001615   -0.864426   -81.502938
0.71833   -86.148367  -79.441983    -1.186718
-0.001615   -0.368101   -56.170197
0.85917   -86.148367  -79.441983    -1.186718
-0.001615   -0.275816   -32.810862
1.00000   -86.148367  -79.441983    -1.186718
-0.001615   -1.397394   -15.532298

COMB       DB -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   90.056667   143.229766    1.781523
 0.004792    2.039440   267.893466
0.57750   90.056667   143.229766    1.781523
 0.004792    1.292488   210.162811
0.71833   90.056667   143.229766    1.781523
 0.004792    0.545614   158.376775
0.85917   90.056667   143.229766    1.781523
 0.004792    0.094830   112.575692
1.00000   90.056667   143.229766    1.781523
 0.004792    0.438444    76.135478

COMB       DB -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -83.740063  -196.125164    -0.820450
-0.004701   -0.941222   -281.883441
0.57750   -83.740063  -196.125164    -0.820450
-0.004701   -0.597779   -208.123490
0.71833   -83.740063  -196.125164    -0.820450
-0.004701   -0.254400   -143.636327
0.85917   -83.740063  -196.125164    -0.820450
-0.004701   -0.202087   -81.029642
1.00000   -83.740063  -196.125164    -0.820450
-0.004701   -0.948571   -31.091730
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2985

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   109.053525   171.383656    2.840485
 0.004224    3.255792   321.726838
0.57750   109.053525   171.383656    2.840485
 0.004224    2.065160   251.331072
0.71833   109.053525   171.383656    2.840485
 0.004224    0.874329   184.220184
0.85917   109.053525   171.383656    2.840485
 0.004224    0.133961   123.863670
1.00000   109.053525   171.383656    2.840485
 0.004224    0.633004    77.385232

COMB       DL -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -86.148367  -234.666062    -1.190073
-0.005207   -1.362044   -359.457414
0.57750   -86.148367  -234.666062    -1.190073
-0.005207   -0.864426   -263.808057
0.71833   -86.148367  -234.666062    -1.190073
-0.005207   -0.368101   -184.510461
0.85917   -86.148367  -234.666062    -1.190073
-0.005207   -0.316905   -106.694315
1.00000   -86.148367  -234.666062    -1.190073
-0.005207   -1.507639   -36.162214

COMB       CAR -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   109.053525   171.383656    2.840485
 0.004792    3.255792   321.726838
0.57750   109.053525   171.383656    2.840485
 0.004792    2.065160   251.331072
0.71833   109.053525   171.383656    2.840485
 0.004792    0.874329   184.220184
0.85917   109.053525   171.383656    2.840485
 0.004792    0.133961   123.863670
1.00000   109.053525   171.383656    2.840485
 0.004792    0.633004    77.385232

COMB       CAR -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -86.148367  -234.666062    -1.190073
-0.005207   -1.362044   -359.457414
0.57750   -86.148367  -234.666062    -1.190073
-0.005207   -0.864426   -263.808057
0.71833   -86.148367  -234.666062    -1.190073
-0.005207   -0.368101   -184.510461
0.85917   -86.148367  -234.666062    -1.190073
-0.005207   -0.316905   -106.694315
1.00000   -86.148367  -234.666062    -1.190073
-0.005207   -1.507639   -36.162214

COMB    DESIGN -------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.43667   109.053525   171.383656    2.840485
 0.004792    3.255792   321.726838
0.57750   109.053525   171.383656    2.840485
 0.004792    2.065160   251.331072
0.71833   109.053525   171.383656    2.840485
 0.004792    0.874329   184.220184
0.85917   109.053525   171.383656    2.840485
 0.004792    0.133961   123.863670
1.00000   109.053525   171.383656    2.840485
 0.004792    0.633004    77.385232

COMB    DESIGN -------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.43667   -86.148367  -234.666062    -1.190073
-0.005207   -1.362044   -359.457414
0.57750   -86.148367  -234.666062    -1.190073
-0.005207   -0.864426   -263.808057
0.71833   -86.148367  -234.666062    -1.190073
-0.005207   -0.368101   -184.510461
0.85917   -86.148367  -234.666062    -1.190073
-0.005207   -0.316905   -106.694315
1.00000   -86.148367  -234.666062    -1.190073
-0.005207   -1.507639   -36.162214
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2986

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      277 ================== LENGTH
=     2.977170

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    72.411833    10.119225    0.406367
 3.47E-06    0.199510    4.126506
0.14084    72.411833    10.119225    0.406367
 3.47E-06    0.040717    32.191606
0.28167    72.411833    10.119225    0.406367
 3.47E-06    0.124851    84.668768
0.42251    72.411833    10.119225    0.406367
 3.47E-06    0.292917   137.172737
0.56334    72.411833    10.119225    0.406367
 3.47E-06    0.460976   189.682179

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -8.371760  -125.268921    -0.400816
-0.002477   -0.211261   -21.279612
0.14084   -8.371760  -125.268921    -0.400816
-0.002477   -0.043126   -1.823362
0.28167   -8.371760  -125.268921    -0.400816
-0.002477   -0.141797   -5.636606
0.42251   -8.371760  -125.268921    -0.400816
-0.002477   -0.311983   -9.730817
0.56334   -8.371760  -125.268921    -0.400816
-0.002477   -0.482296   -13.858645

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    80.504855    73.892546    0.948895
 0.001854    0.510305    76.135688
0.14084    80.504855    73.892546    0.948895
 0.001854    0.118817    88.631209
0.28167    80.504855    73.892546    0.948895
 0.001854    0.161129   125.433969
0.42251    80.504855    73.892546    0.948895
 0.001854    0.377900   187.152892
0.56334    80.504855    73.892546    0.948895
 0.001854    0.594621   252.655246

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -69.944847  -156.592109    -0.516880
-0.007005   -0.272264   -21.776802
0.14084   -69.944847  -156.592109    -0.516880
-0.007005   -0.055374   -3.670135
0.28167   -69.944847  -156.592109    -0.516880
-0.007005   -0.306024   -9.355077
0.42251   -69.944847  -156.592109    -0.516880
-0.007005   -0.701186   -28.363694
0.56334   -69.944847  -156.592109    -0.516880
-0.007005   -1.096572   -58.294110

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    73.016092   103.045237    1.381508
 0.001869    0.734376   59.661058
0.14084    73.016092   103.045237    1.381508
 0.001869    0.159872   62.819943
0.28167    73.016092   103.045237    1.381508
 0.001869    0.200557   98.865574
0.42251    73.016092   103.045237    1.381508
 0.001869    0.471258   152.199637
0.56334    73.016092   103.045237    1.381508
 0.001869    0.741867   208.160676

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -57.103430  -134.125485    -0.645647
-0.005367   -0.341121   -20.097120
0.14084   -57.103430  -134.125485    -0.645647
-0.005367   -0.070276   -12.448288
0.28167   -57.103430  -134.125485    -0.645647
-0.005367   -0.438121   -39.332578
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2987

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T          M2          M3
0.42251   -57.103430  -134.125485    -0.645647
-0.005367   -1.015481   -75.263039
0.56334   -57.103430  -134.125485    -0.645647
-0.005367   -1.592954   -118.155272

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    89.625002   136.700357    1.587790
 0.002666    0.845947   55.067666
0.14084    89.625002   136.700357    1.587790
 0.002666    0.184170   52.912606
0.28167    89.625002   136.700357    1.587790
 0.002666    0.249733   84.512108
0.42251    89.625002   136.700357    1.587790
 0.002666    0.588514   130.498690
0.56334    89.625002   136.700357    1.587790
 0.002666    0.927401   178.666330

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -56.711103  -115.447517    -0.808259
-0.004463   -0.428153   -31.093471
0.14084   -56.711103  -115.447517    -0.808259
-0.004463   -0.089073   -40.279713
0.28167   -56.711103  -115.447517    -0.808259
-0.004463   -0.497159   -81.441076
0.42251   -56.711103  -115.447517    -0.808259
-0.004463   -1.161309   -131.629672
0.56334   -56.711103  -115.447517    -0.808259
-0.004463   -1.825596   -188.229152

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    4.878638    67.439007    0.656974
 0.001542    0.070865    70.009444
0.14084    4.878638    67.439007    0.656974
 0.001542    0.097713    52.331528
0.28167    4.878638    67.439007    0.656974
 0.001542    0.037509    35.589348
0.42251    4.878638    67.439007    0.656974
 0.001542    0.088230    40.221793
0.56334    4.878638    67.439007    0.656974
 0.001542    0.138900    48.761860

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -69.990000  -22.979753    -0.120854
-0.003432   -0.063768   -1.662949
0.14084   -69.990000  -22.979753    -0.120854
-0.003432   -0.012938   -1.317086
0.28167   -69.990000  -22.979753    -0.120854
-0.003432   -0.196993   -5.721756
0.42251   -69.990000  -22.979753    -0.120854
-0.003432   -0.381035   -24.857344
0.56334   -69.990000  -22.979753    -0.120854
-0.003432   -0.743646   -52.673017

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   27.649833   129.903316    1.215219
 0.002639    0.665576   66.004185
0.14084   27.649833   129.903316    1.215219
 0.002639    0.157200   32.551680
0.28167   27.649833   129.903316    1.215219
 0.002639    0.115890   14.435897
0.42251   27.649833   129.903316    1.215219
 0.002639    0.273560   16.098786
0.56334   27.649833   129.903316    1.215219
 0.002639    0.431375   20.771667

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -59.550294  -11.901191    -0.376390
-0.003195   -0.199851   -13.083189
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2988

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T          M2          M3
0.14084   -59.550294  -11.901191    -0.376390
-0.003195   -0.041919   -32.420508
0.28167   -59.550294  -11.901191    -0.376390
-0.003195   -0.069061   -67.279791
0.42251   -59.550294  -11.901191    -0.376390
-0.003195   -0.876530   -113.116306
0.56334   -59.550294  -11.901191    -0.376390
-0.003195   -1.384193   -166.836842

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   61.153414   126.182362    1.482637
 0.002192    0.792673   62.816244
0.14084   61.153414   126.182362    1.482637
 0.002192    0.172026   50.819909
0.28167   61.153414   126.182362    1.482637
 0.002192    0.186759   70.200813
0.42251   61.153414   126.182362    1.482637
 0.002192    0.439830   103.857503
0.56334   61.153414   126.182362    1.482637
 0.002192    0.693039   139.605286

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -67.072398  -85.901396    -0.603753
-0.004059   -0.319469   -19.653200
0.14084   -67.072398  -85.901396    -0.603753
-0.004059   -0.066156   -30.276290
0.28167   -67.072398  -85.901396    -0.603753
-0.004059   -0.461888   -66.305308
0.42251   -67.072398  -85.901396    -0.603753
-0.004059   -1.081951   -112.598890
0.56334   -67.072398  -85.901396    -0.603753
-0.004059   -1.702227   -164.896085

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   58.029412   150.625828    1.690029
 0.002965    0.905461   59.536365
0.14084   58.029412   150.625828    1.690029
 0.002965    0.197638   43.274474
0.28167   58.029412   150.625828    1.690029
 0.002965    0.245176   60.865108
0.42251   58.029412   150.625828    1.690029
 0.002965    0.578796   90.590128
0.56334   58.029412   150.625828    1.690029
 0.002965    0.912588   122.204601

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -69.098020  -76.195957    -0.795967
-0.003392   -0.422309   -19.971153
0.14084   -69.098020  -76.195957    -0.795967
-0.003392   -0.088298   -39.357965
0.28167   -69.098020  -76.195957    -0.795967
-0.003392   -0.521185   -87.132130
0.42251   -69.098020  -76.195957    -0.795967
-0.003392   -1.228473   -144.569798
0.56334   -69.098020  -76.195957    -0.795967
-0.003392   -1.935923   -207.138655

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    5.100581    65.225513    0.712794
 0.001743    0.385164   13.129811
0.14084    5.100581    65.225513    0.712794
 0.001743    0.086268    2.892660
0.28167    5.100581    65.225513    0.712794
 0.001743    0.140742    4.672577
0.42251    5.100581    65.225513    0.712794
 0.001743    0.333994    7.893676
0.56334    5.100581    65.225513    0.712794
 0.001743    0.527238   11.119083
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2989

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -25.664667   -7.693048    -0.460879
-5.24E-06   -0.245737   -2.581091
0.14084   -25.664667   -7.693048    -0.460879
-5.24E-06   -0.052346   -16.016624
0.28167   -25.664667   -7.693048    -0.460879
-5.24E-06   -0.212595   -43.066933
0.42251   -25.664667   -7.693048    -0.460879
-5.24E-06   -0.511462   -70.298840
0.56334   -25.664667   -7.693048    -0.460879
-5.24E-06   -0.810328   -97.602725

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   45.192593   128.806421    1.218818
 0.003034    0.655888   19.978203
0.14084   45.192593   128.806421    1.218818
 0.003034    0.144775    3.352518
0.28167   45.192593   128.806421    1.218818
 0.003034    0.225913    6.912368
0.42251   45.192593   128.806421    1.218818
 0.003034    0.535775   11.425902
0.56334   45.192593   128.806421    1.218818
 0.003034    0.845580   16.060841

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -33.206536  -11.065845    -0.738857
-0.000133   -0.393592   -22.408011
0.14084   -33.206536  -11.065845    -0.738857
-0.000133   -0.083618   -60.024342
0.28167   -33.206536  -11.065845    -0.738857
-0.000133   -0.366824   -111.455649
0.42251   -33.206536  -11.065845    -0.738857
-0.000133   -0.877792   -163.742708
0.56334   -33.206536  -11.065845    -0.738857
-0.000133   -1.388758   -217.100177

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   24.622549   147.113314    1.642010
 0.002938    0.882056   30.933165
0.14084   24.622549   147.113314    1.642010
 0.002938    0.194033    4.608212
0.28167   24.622549   147.113314    1.642010
 0.002938    0.240085    7.461498
0.42251   24.622549   147.113314    1.642010
 0.002938    0.569064   11.635874
0.56334   24.622549   147.113314    1.642010
 0.002938    0.898040   15.998128

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -49.404345  -10.447799    -0.784597
-0.000211   -0.417835   -12.437271
0.14084   -49.404345  -10.447799    -0.784597
-0.000211   -0.088712   -44.802037
0.28167   -49.404345  -10.447799    -0.784597
-0.000211   -0.496228   -104.032141
0.42251   -49.404345  -10.447799    -0.784597
-0.000211   -1.184414   -164.341946
0.56334   -49.404345  -10.447799    -0.784597
-0.000211   -1.872748   -225.629066

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000   38.232702   168.093722    1.765713
 0.003491    0.953325   71.434718
0.14084   38.232702   168.093722    1.765713
 0.003491    0.213758   40.908111
0.28167   38.232702   168.093722    1.765713
 0.003491    0.247539   44.349154
0.42251   38.232702   168.093722    1.765713
 0.003491    0.585174   63.221401
0.56334   38.232702   168.093722    1.765713
 0.003491    0.922806   84.276720
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          2990

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T          M2          M3
0.00000   -87.671930  -51.073250    -0.805486
-0.003173   -0.428032   -13.592919
0.14084   -87.671930  -51.073250    -0.805486
-0.003173   -0.090104   -38.626027
0.28167   -87.671930  -51.073250    -0.805486
-0.003173   -0.538301   -192.995503
0.42251   -87.671930  -51.073250    -0.805486
-0.003173   -1.277192   -156.798688
0.56334   -87.671930  -51.073250    -0.805486
-0.003173   -2.016232   -226.729769

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T          M2          M3
0.00000    98.326796    13.626526    0.745060
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 2.19E-06     0.371725     6.046379
 0.14084     98.326796    13.626526     0.745060
 2.19E-06     0.064136    38.973661
 0.28167     98.326796    13.626526     0.745060
 2.19E-06     0.160352   103.988890
 0.42251     98.326796    13.626526     0.745060
 2.19E-06     0.376442   169.581934
 0.56334     98.326796    13.626526     0.745060
 2.19E-06     0.592674   236.146239

COMB DL-G1-1 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -12.828389  -158.987353    -0.515977
-0.002934    -0.273200   -31.153598
 0.14084   -12.828389  -158.987353    -0.515977
-0.002934    -0.056702    -3.830890
 0.28167   -12.828389  -158.987353    -0.515977
-0.002934    -0.255067    -7.328266
 0.42251   -12.828389  -158.987353    -0.515977
-0.002934    -0.567197   -11.927859
 0.56334   -12.828389  -158.987353    -0.515977
-0.002934    -0.879276   -17.475683

COMB DL-G1-2 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   107.962089    80.526640     1.534287
 0.001782     0.812991    77.385417
 0.14084   107.962089    80.526640     1.534287
 0.001782     0.173333    96.063187
 0.28167   107.962089    80.526640     1.534287
 0.001782     0.212392   146.800484
 0.42251   107.962089    80.526640     1.534287
 0.001782     0.496218   222.266417
 0.56334   107.962089    80.526640     1.534287
 0.001782     0.780419   302.896829

COMB DL-G1-2 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -67.742520  -193.691474    -0.678080
-0.007440    -0.356698    -1.860447
 0.14084   -67.742520  -193.691474    -0.678080
-0.007440    -0.073885    -5.643864
 0.28167   -67.742520  -193.691474    -0.678080
-0.007440    -0.491930   -11.596295
 0.42251   -67.742520  -193.691474    -0.678080
-0.007440    -1.134531   -32.604730
 0.56334   -67.742520  -193.691474    -0.678080
-0.007440    -1.775550   -65.770979

COMB DL-G1-3 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   100.813890   118.051394     2.244391
 0.001804     1.187924    65.947803
 0.14084   100.813890   118.051394     2.244391
 0.001804     0.250499    73.244220
 0.28167   100.813890   118.051394     2.244391
 0.001804     0.286863   121.475607
 0.42251   100.813890   118.051394     2.244391
 0.001804     0.674517   187.570211
 0.56334   100.813890   118.051394     2.244391
 0.001804     1.062465   257.599230
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2991

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -61.627584  -168.760305    -0.924808
-0.005754    -0.487545   -30.631607
 0.14084   -61.627584  -168.760305    -0.924808
-0.005754    -0.101186    -7.607791
 0.28167   -61.627584  -168.760305    -0.924808
-0.005754    -0.707438   -47.040929
 0.42251   -61.627584  -168.760305    -0.924808
-0.005754    -1.647436   -87.317714
 0.56334   -61.627584  -168.760305    -0.924808
-0.005754    -2.586446  -136.168060

COMB DL-G1-4 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   105.790995   161.150780     2.605545
 0.002675     0.722676    60.727696
 0.14084   105.790995   161.150780     2.605545
 0.002675     0.293592    61.940332
 0.28167   105.790995   161.150780     2.605545
 0.002675     0.358681   103.945528
 0.42251   105.790995   161.150780     2.605545
 0.002675     0.847346   160.809240
 0.56334   105.790995   161.150780     2.605545
 0.002675     1.336048   220.953773

COMB DL-G1-4 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -62.104103  -145.062772    -1.166439
-0.004786    -0.619352   -36.164816
 0.14084   -62.104103  -145.062772    -1.166439
-0.004786    -0.131182   -44.557711
 0.28167   -62.104103  -145.062772    -1.166439
-0.004786    -0.812930   -94.345022
 0.42251   -62.104103  -145.062772    -1.166439
-0.004786    -1.494334  -153.784230
 0.56334   -62.104103  -145.062772    -1.166439
-0.004786    -2.994983  -220.439811

COMB DL-G2-1 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000     6.517645    61.184850     0.941893
 0.001244     0.521664    62.752411
 0.14084     6.517645    61.184850     0.941893
 0.001244     0.127887    48.318272
 0.28167     6.517645    61.184850     0.941893
 0.001244     0.059586    35.911124
 0.42251     6.517645    61.184850     0.941893
 0.001244     0.139923    42.617740
 0.56334     6.517645    61.184850     0.941893
 0.001244     0.220548    52.523061

COMB DL-G2-1 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -59.546803   -24.984593    -0.192189
-0.002929    -0.100824    -2.160697
 0.14084   -59.546803   -24.984593    -0.192189
-0.002929    -0.020450    -1.789023
 0.28167   -59.546803   -24.984593    -0.192189
-0.002929    -0.280724    -5.056245
 0.42251   -59.546803   -24.984593    -0.192189
-0.002929    -0.674572   -22.187736
 0.56334   -59.546803   -24.984593    -0.192189
-0.002929    -1.068409   -47.252368

COMB DL-G2-2 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    24.706822   138.090041     1.875230
 0.002289     1.017331    62.729265
 0.14084    24.706822   138.090041     1.875230
 0.002289     0.232028    30.792368
 0.28167    24.706822   138.090041     1.875230
 0.002289     0.186887    16.836917
 0.42251    24.706822   138.090041     1.875230
 0.002289     0.444205    19.297272
 0.56334    24.706822   138.090041     1.875230
 0.002289     0.701171    24.588243
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2992

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -55.416337   -14.384281    -0.614464
-0.002717    -0.328076   -11.277591
 0.14084   -55.416337   -14.384281    -0.614464
-0.002717    -0.070658   -32.937090
 0.28167   -55.416337   -14.384281    -0.614464
-0.002717    -0.567693   -73.057210
 0.42251   -55.416337   -14.384281    -0.614464
-0.002717    -1.352393  -122.815975
 0.56334   -55.416337   -14.384281    -0.614464
-0.002717    -2.137042  -179.778347

COMB DL-G2-3 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    68.932043   138.359132     2.357013
 0.001849     1.253350    59.537675
 0.14084    68.932043   138.359132     2.357013
 0.001849     0.265962    54.644306
 0.28167    68.932043   138.359132     2.357013
 0.001849     0.374284    83.907234
 0.42251    68.932043   138.359132     2.357013
 0.001849     0.647999   124.705688
 0.56334    68.932043   138.359132     2.357013
 0.001849     1.021488   168.228547

COMB DL-G2-3 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -69.873878  -105.453403    -0.892061
-0.003891    -0.473443   -21.336691
 0.14084   -69.873878  -105.453403    -0.892061
-0.003891    -0.099670   -31.740326
 0.28167   -69.873878  -105.453403    -0.892061
-0.003891    -0.730831   -74.235757
 0.42251   -69.873878  -105.453403    -0.892061
-0.003891    -1.718055  -125.776931
 0.56334   -69.873878  -105.453403    -0.892061
-0.003891    -2.705129  -182.861430

COMB DL-G2-4 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    64.810631   173.507136     2.770252
 0.002836     1.477049    57.910594
 0.14084    64.810631   173.507136     2.770252
 0.002836     0.316418    46.601970
 0.28167    64.810631   173.507136     2.770252
 0.002836     0.359565    72.918030
 0.42251    64.810631   173.507136     2.770252
 0.002836     0.851843   109.026342
 0.56334    64.810631   173.507136     2.770252
 0.002836     1.343269   147.463330

COMB DL-G2-4 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -74.415815   -93.360805    -1.173371
-0.003251    -0.221542   -21.285470
 0.14084   -74.415815   -93.360805    -1.173371
-0.003251    -0.131194   -44.094275
 0.28167   -74.415815   -93.360805    -1.173371
-0.003251    -0.851864  -103.267258
 0.42251   -74.415815   -93.360805    -1.173371
-0.003251    -2.012461  -170.505125
 0.56334   -74.415815   -93.360805    -1.173371
-0.003251    -3.172827  -242.445045

COMB DL-G3-1 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000     6.674509    81.577409     1.289609
 0.001942     0.694241    17.081264
 0.14084     6.674509    81.577409     1.289609
 0.001942     0.154062     4.012324
 0.28167     6.674509    81.577409     1.289609
 0.001942     0.206930     7.640360
 0.42251     6.674509    81.577409     1.289609
 0.001942     0.493013    11.310258
 0.56334     6.674509    81.577409     1.289609
 0.001942     0.778234    15.001693
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2993

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -34.750053    -9.695096    -0.680756
-3.18E-06    -0.363749    -3.191169
 0.14084   -34.750053    -9.695096    -0.680756
-3.18E-06    -0.077317    -7.387928
 0.28167   -34.750053    -9.695096    -0.680756
-3.18E-06    -0.386232   -52.919717
 0.42251   -34.750053    -9.695096    -0.680756
-3.18E-06    -0.926743   -86.992206
 0.56334   -34.750053    -9.695096    -0.680756
-3.18E-06    -1.467258  -121.131179

COMB DL-G3-2 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    40.041279   159.641152     2.136866
 0.003281     1.146000    23.288744
 0.14084    40.041279   159.641152     2.136866
 0.003281     0.250968     4.004698
 0.28167    40.041279   159.641152     2.136866
 0.003281     0.337054     8.806831
 0.42251    40.041279   159.641152     2.136866
 0.003281     0.805028    14.189431
 0.56334    40.041279   159.641152     2.136866
 0.003281     1.272728    19.684369

COMB DL-G3-2 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -42.746565   -13.637101    -1.117722
-8.48E-05    -0.602197   -19.390776
 0.14084   -42.746565   -13.637101    -1.117722
-8.48E-05    -0.132166   -63.123522
 0.28167   -42.746565   -13.637101    -1.117722
-8.48E-05    -0.645107  -128.491513
 0.42251   -42.746565   -13.637101    -1.117722
-8.48E-05    -1.540750  -194.388812
 0.56334   -42.746565   -13.637101    -1.117722
-8.48E-05    -2.436292  -260.559566

COMB DL-G3-3 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    26.670385   173.008848     2.741935
 0.003017     1.469987    34.823664
 0.14084    26.670385   173.008848     2.741935
 0.003017     0.321642     6.069625
 0.28167    26.670385   173.008848     2.741935
 0.003017     0.365455    11.183972
 0.42251    26.670385   173.008848     2.741935
 0.003017     0.870009    16.631088
 0.56334    26.670385   173.008848     2.741935
 0.003017     1.374169    22.361744

COMB DL-G3-3 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -59.092987   -14.839636    -1.203773
-9.05E-06    -0.643921   -13.070211
 0.14084   -59.092987   -14.839636    -1.203773
-9.05E-06    -0.138200   -49.840523
 0.28167   -59.092987   -14.839636    -1.203773
-9.05E-06    -0.828440  -120.734016
 0.42251   -59.092987   -14.839636    -1.203773
-9.05E-06    -1.977311  -192.169807
 0.56334   -59.092987   -14.839636    -1.203773
-9.05E-06    -3.126235  -263.916204

COMB DL-G3-4 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    44.470002   188.729390     2.906796
 0.003317     1.559420    67.083946
 0.14084    44.470002   188.729390     2.906796
 0.003317     0.342319    41.661099
 0.28167    44.470002   188.729390     2.906796
 0.003317     0.369347    54.746329
 0.42251    44.470002   188.729390     2.906796
 0.003317     0.875823    78.358514
 0.56334    44.470002   188.729390     2.906796
 0.003317     1.382022   104.248769
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2994

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -90.039446   -63.346044    -1.208577
-0.002743    -0.644249   -15.532993
 0.14084   -90.039446   -63.346044    -1.208577
-0.002743    -0.137123   -43.573194
 0.28167   -90.039446   -63.346044    -1.208577
-0.002743    -0.884315  -108.675367
 0.42251   -90.039446   -63.346044    -1.208577
-0.002743    -2.102035  -182.112391
 0.56334   -90.039446   -63.346044    -1.208577
-0.002743    -3.319478  -260.367143

COMB     DB ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000    89.625002   168.093722     1.765713
 0.003491     0.953325    76.135688
 0.14084    89.625002   168.093722     1.765713
 0.003491     0.213758    88.631209
 0.28167    89.625002   168.093722     1.765713
 0.003491     0.249733   125.433969
 0.42251    89.625002   168.093722     1.765713
 0.003491     0.588514   187.152852
 0.56334    89.625002   168.093722     1.765713
 0.003491     0.927401   252.655246

COMB     DB ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -87.671930   -156.592109    -0.808259
-0.007005    -0.428153    -31.093471
 0.14084   -87.671930   -156.592109    -0.808259
-0.007005    -0.090104    -60.024342
 0.28167   -87.671930   -156.592109    -0.808259
-0.007005    -0.538301   -111.455649
 0.42251   -87.671930   -156.592109    -0.808259
-0.007005    -1.277192   -164.341946
 0.56334   -87.671930   -156.592109    -0.808259
-0.007005    -2.016232   -226.729769

COMB     DL ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   107.962089   188.729390     2.906796
 0.003317     1.559420    77.385417
 0.14084   107.962089   188.729390     2.906796
 0.003317     0.342319    96.063187
 0.28167   107.962089   188.729390     2.906796
 0.003317     0.369347   146.800484
 0.42251   107.962089   188.729390     2.906796
 0.003317     0.875823   222.266417
 0.56334   107.962089   188.729390     2.906796
 0.003317     1.382022   302.896829

COMB     DL ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -90.039446   -193.691474    -1.208577
-0.007440    -0.884315   -36.164816
 0.14084   -90.039446   -193.691474    -1.208577
-0.007440    -0.138200    -63.123522
 0.28167   -90.039446   -193.691474    -1.208577
-0.007440    -0.884315  -128.491513
 0.42251   -90.039446   -193.691474    -1.208577
-0.007440    -2.102035  -194.388812
 0.56334   -90.039446   -193.691474    -1.208577
-0.007440    -3.319478  -263.916204

COMB     CAR ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   107.962089   188.729390     2.906796
 0.003491     1.559420    77.385417
 0.14084   107.962089   188.729390     2.906796
 0.003491     0.342319    96.063187
 0.28167   107.962089   188.729390     2.906796
 0.003491     0.369347   146.800484
 0.42251   107.962089   188.729390     2.906796
 0.003491     0.875823   222.266417
 0.56334   107.962089   188.729390     2.906796
 0.003491     1.382022   302.896829
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2995

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -90.039446   -193.691474    -1.208577
-0.007440    -0.644249   -36.164816
 0.14084   -90.039446   -193.691474    -1.208577
-0.007440    -0.138200   -63.123522
 0.28167   -90.039446   -193.691474    -1.208577
-0.007440    -0.884315  -128.491513
 0.42251   -90.039446   -193.691474    -1.208577
-0.007440    -2.102035  -194.388812
 0.56334   -90.039446   -193.691474    -1.208577
-0.007440    -3.319478  -263.916204

COMB  DESIGN ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   107.962089   188.729390     2.906796
 0.003491     1.559420    77.385417
 0.14084   107.962089   188.729390     2.906796
 0.003491     0.342319    96.063187
 0.28167   107.962089   188.729390     2.906796
 0.003491     0.369347   146.800484
 0.42251   107.962089   188.729390     2.906796
 0.003491     0.875823   222.266417
 0.56334   107.962089   188.729390     2.906796
 0.003491     1.382022   302.896829

COMB  DESIGN ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.00000   -90.039446   -193.691474    -1.208577
-0.007440    -0.644249   -36.164816
 0.14084   -90.039446   -193.691474    -1.208577
-0.007440    -0.138200   -63.123522
 0.28167   -90.039446   -193.691474    -1.208577
-0.007440    -0.884315  -128.491513
 0.42251   -90.039446   -193.691474    -1.208577
-0.007440    -2.102035  -194.388812
 0.56334   -90.039446   -193.691474    -1.208577
-0.007440    -3.319478  -263.916204

ELEM     278 ================== LENGTH
=     2.978100

COMB DB-G1-1 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.43652     5.439130    11.623527     0.337110
 0.001867     0.385541    17.632442
 0.57739     5.439130    11.623527     0.337110
 0.001867     0.244116    12.757029
 0.71826     5.439130    11.623527     0.337110
 0.001867     0.102675     7.884261
 0.85913     5.439130    11.623527     0.337110
 0.001867     0.066148     3.057141
 1.00000     5.439130    11.623527     0.337110
 0.001867     0.308864    10.746792

COMB DB-G1-1 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    -0.914153   -82.084253    -0.578430
-9.40E-06    -0.661801  -129.239078
 0.57739    -0.914153   -82.084253    -0.578430
-9.40E-06    -0.419151   -94.980930
 0.71826    -0.914153   -82.084253    -0.578430
-9.40E-06    -0.176551   -60.876260
 0.85913    -0.914153   -82.084253    -0.578430
-9.40E-06    -0.038638   -27.191390
 1.00000    -0.914153   -82.084253    -0.578430
-9.40E-06    -0.180161    -2.621911

COMB DB-G1-2 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    13.794061    17.550026     0.541146
 0.003239     0.619232    26.726971
 0.57739    13.794061    17.550026     0.541146
 0.003239     0.392204    19.386362
 0.71826    13.794061    17.550026     0.541146
 0.003239     0.165141    12.112416
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2996

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P            V2           V3
         T          M2           M3
 0.85913    13.794061    17.550026     0.541146
 0.003239     0.127743     5.760008
 1.00000    13.794061    17.550026     0.541146
 0.003239     0.593300    20.205006

COMB DB-G1-2 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    -0.592710  -146.511404    -1.110411
-0.000209    -1.270994  -234.526650
 0.57739    -0.592710  -146.511404    -1.110411
-0.000209    -0.804251  -174.535041
 0.71826    -0.592710  -146.511404    -1.110411
-0.000209    -0.338412  -118.347785
 0.85913    -0.592710  -146.511404    -1.110411
-0.000209    -0.061712   -65.407214
 1.00000    -0.592710  -146.511404    -1.110411
-0.000209    -0.288858   -22.316145

COMB DB-G1-3 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    15.639246    15.928846     0.637282
 0.003253     0.729599    24.603495
 0.57739    15.639246    15.928846     0.637282
 0.003253     0.462241    17.928707
 0.71826    15.639246    15.928846     0.637282
 0.003253     0.194766    11.260519
 0.85913    15.639246    15.928846     0.637282
 0.003253     0.172041     5.011236
 1.00000    15.639246    15.928846     0.637282
 0.003253     0.817702    37.397784

COMB DB-G1-3 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    -0.528973  -168.065910    -1.532223
-3.89E-05    -1.753644  -249.422220
 0.57739    -0.528973  -168.065910    -1.532223
-3.89E-05    -1.110838  -179.216304
 0.71826    -0.528973  -168.065910    -1.532223
-3.89E-05    -0.468031  -117.587544
 0.85913    -0.528973  -168.065910    -1.532223
-3.89E-05    -0.072254   -46.635640
 1.00000    -0.528973  -168.065910    -1.532223
-3.89E-05    -0.339804   -12.139014

COMB DB-G1-4 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    15.301269    47.637615     0.684153
 0.003952     0.783261    79.928753
 0.57739    15.301269    47.637615     0.684153
 0.003952     0.496247    60.384664
 0.71826    15.301269    47.637615     0.684153
 0.003952     0.209129    42.132184
 0.85913    15.301269    47.637615     0.684153
 0.003952     0.194407    41.635781
 1.00000    15.301269    47.637615     0.684153
 0.003952     0.907536    89.138103

COMB DB-G1-4 ------------------- MIN

REL DIST          P            V2           V3
         T          M2           M3
 0.43652    -4.526000  -198.264235    -1.702914
-0.003078    -1.950227  -255.581165
 0.57739    -4.526000  -198.264235    -1.702914
-0.003078    -1.235812  -173.629599
 0.71826    -4.526000  -198.264235    -1.702914
-0.003078    -0.521421   -98.064670
 0.85913    -4.526000  -198.264235    -1.702914
-0.003078    -0.077608   -39.415828
 1.00000    -4.526000  -198.264235    -1.702914
-0.003078    -0.364805   -13.851681

COMB DB-G2-1 ------------------- MAX

REL DIST          P            V2           V3
         T          M2           M3
 0.43652     9.064145     4.770327     0.207393
 0.001297     0.237671     7.365194
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    2997

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P            V2           V3
         T          M2           M3
 0.57739     9.064145     4.770327     0.207393
 0.001297     0.150662     5.375519
 0.71826     9.064145     4.770327     0.207393
 0.001297     0.063621     3.405525
 0.85913     9.064145     4.770327     0.207393
 0.001297     0.072187     1.530112
 1.00000     9.064145     4.770327     0.207393
 0.001297     0.335490    11.271650

COMB DB-G2-1 ------------------- MIN
```

REL DIST P V2 V3
T M2 M3
0.43652 -0.252618 -66.018009 -0.628091
-0.000129 -0.718533 -103.328833
0.57739 -0.252618 -66.018009 -0.628091
-0.000129 -0.455040 -76.405375
0.71826 -0.252618 -66.018009 -0.628091
-0.000129 -0.191588 -56.003667
0.85913 -0.252618 -66.018009 -0.628091
-0.000129 -0.023227 -38.224300
1.00000 -0.252618 -66.018009 -0.628091
-0.000129 -0.110342 -21.558784

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 12.519285 9.488227 0.360547
0.002893 0.413335 20.148119
0.57739 12.519285 9.488227 0.360547
0.002893 0.262073 16.521583
0.71826 12.519285 9.488227 0.360547
0.002893 0.110684 14.499832
0.85913 12.519285 9.488227 0.360547
0.002893 0.137359 35.057114
1.00000 12.519285 9.488227 0.360547
0.002893 0.636716 83.576718

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.319290 -140.529654 -1.194239
-0.003112 -1.367477 -157.541156
0.57739 -1.319290 -140.529654 -1.194239
-0.003112 -0.866464 -100.094217
0.71826 -1.319290 -140.529654 -1.194239
-0.003112 -0.365456 -51.296978
0.85913 -1.319290 -140.529654 -1.194239
-0.003112 -0.040256 -19.314156
1.00000 -1.319290 -140.529654 -1.194239
-0.003112 -0.191677 -11.641804

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 16.786991 17.055686 0.579773
0.004060 0.664039 30.993943
0.57739 16.786991 17.055686 0.579773
0.004060 0.420808 24.159306
0.71826 16.786991 17.055686 0.579773
0.004060 0.177411 18.779217
0.85913 16.786991 17.055686 0.579773
0.004060 0.179401 33.817686
1.00000 16.786991 17.055686 0.579773
0.004060 0.832167 83.275059

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.437420 -192.328453 -1.559609
-0.002804 -1.785183 -246.779723
0.57739 -1.437420 -192.328453 -1.559609
-0.002804 -1.130888 -167.631349
0.71826 -1.437420 -192.328453 -1.559609
-0.002804 -0.476596 -96.070212
0.85913 -1.437420 -192.328453 -1.559609
-0.002804 -0.065371 -40.234616
1.00000 -1.437420 -192.328453 -1.559609
-0.002804 -0.308859 -14.886158
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2998

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 14.281131 75.875862 0.687820
0.003270 0.787525 120.063665
0.57739 14.281131 75.875862 0.687820
0.003270 0.498983 88.480247
0.71826 14.281131 75.875862 0.687820
0.003270 0.210300 57.988646
0.85913 14.281131 75.875862 0.687820
0.003270 -0.078385 41.595014
1.00000 14.281131 75.875862 0.687820
0.003270 0.921024 74.902482

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.330870 -170.241620 -1.729944
-0.003314 -1.982134 -219.545717
0.57739 -7.330870 -170.241620 -1.729944
-0.003314 -1.256401 -149.191655
0.71826 -7.330870 -170.241620 -1.729944
-0.003314 -0.530667 -84.837617
0.85913 -7.330870 -170.241620 -1.729944
-0.003314 -0.077854 -34.118144
1.00000 -7.330870 -170.241620 -1.729944
-0.003314 -0.366619 -22.603698

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 0.342132 122.184106 0.361060
8.80E-06 0.413328 176.388632
0.57739 0.342132 122.184106 0.361060
8.80E-06 0.261855 125.232869
0.71826 0.342132 122.184106 0.361060
8.80E-06 0.110374 74.112190
0.85913 0.342132 122.184106 0.361060
8.80E-06 0.071372 23.022508
1.00000 0.342132 122.184106 0.361060
8.80E-06 0.348453 3.617617

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -11.411965 -9.109447 -0.660850
-0.002538 -0.760759 -12.086688
0.57739 -11.411965 -9.109447 -0.660850
-0.002538 -0.483525 -8.331965
0.71826 -11.411965 -9.109447 -0.660850
-0.002538 -0.206292 -4.803797
0.85913 -11.411965 -9.109447 -0.660850
-0.002538 -0.041038 -1.668648
1.00000 -11.411965 -9.109447 -0.660850
-0.002538 -0.192566 -29.507151

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 3.475318 141.962918 0.507290
0.001899 0.589696 221.851275
0.57739 3.475318 141.962918 0.507290
0.001899 0.368115 163.841474
0.71826 3.475318 141.962918 0.507290
0.001899 0.155250 108.065072
0.85913 3.475318 141.962918 0.507290
0.001899 0.129812 79.870527
1.00000 3.475318 141.962918 0.507290
0.001899 0.616384 82.671631

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -14.613649 -83.082936 -1.164597
-0.006583 -1.338192 -63.674217
0.57739 -14.613649 -83.082936 -1.164597
-0.006583 -0.849642 -30.591002
0.71826 -14.613649 -83.082936 -1.164597
-0.006583 -0.361095 -7.354924
0.85913 -14.613649 -83.082936 -1.164597
-0.006583 -0.057437 -2.526741
1.00000 -14.613649 -83.082936 -1.164597
-0.006583 -0.270321 -29.360486

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
2999

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 8.631335 124.737395 0.618380
0.002088 0.708338 187.678518
0.57739 8.631335 124.737395 0.618380
0.002088 0.448912 135.640396
0.71826 8.631335 124.737395 0.618380
0.002088 0.189366 84.947201
0.85913 8.631335 124.737395 0.618380
0.002088 0.177399 53.202084
1.00000 8.631335 124.737395 0.618380
0.002088 0.840299 71.722863

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -12.274338 -111.775496 -1.583572
-0.005108 -1.817470 -118.383367
0.57739 -12.274338 -111.775496 -1.583572
-0.005108 -1.153149 -72.619504
0.71826 -12.274338 -111.775496 -1.583572
-0.005108 -0.488829 -32.180557
0.85913 -12.274338 -111.775496 -1.583572
-0.005108 -0.069758 -4.465357
1.00000 -12.274338 -111.775496 -1.583572
-0.005108 -0.329325 -27.233107

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 13.264656 110.089817 0.711412
0.002919 0.814726 165.592355
0.57739 13.264656 110.089817 0.711412
0.002919 0.516268 119.655123
0.71826 13.264656 110.089817 0.711412
0.002919 0.217705 74.832262
0.85913 13.264656 110.089817 0.711412
0.002919 0.197297 45.714273
1.00000 13.264656 110.089817 0.711412
0.002919 0.929124 65.907767

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -10.438636 -147.817381 -1.747452
-0.004267 -2.003581 -188.045342
0.57739 -10.438636 -147.817381 -1.747452
-0.004267 -1.270504 -127.247930
0.71826 -10.438636 -147.817381 -1.747452
-0.004267 -0.537466 -72.632214
0.85913 -10.438636 -147.817381 -1.747452
-0.004267 -0.080380 -30.621839
1.00000 -10.438636 -147.817381 -1.747452
-0.004267 -0.379061 -35.282487

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 5.878612 16.239368 0.644899
0.002120 0.737700 26.509635
0.57739 5.878612 16.239368 0.644899
0.002120 0.467147 19.709071
0.71826 5.878612 16.239368 0.644899
0.002120 0.196387 12.807739
0.85913 5.878612 16.239368 0.644899
0.002120 0.128586 7.296457
1.00000 5.878612 16.239368 0.644899
0.002120 0.602100 14.226538

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.101329 -106.660312 -1.128092
-6.69E-06 -1.289982 -168.940106
0.57739 -1.101329 -106.660312 -1.128092
-6.69E-06 -0.816570 -124.254927
0.71826 -1.101329 -106.660312 -1.128092
-6.69E-06 -0.342448 -79.645937
0.85913 -1.101329 -106.660312 -1.128092
-6.69E-06 -0.073407 -35.244298
1.00000 -1.101329 -106.660312 -1.128092
-6.69E-06 -0.344302 -4.320451
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 14.783346 24.449374 1.071813
0.003626 1.226814 39.937932
0.57739 14.783346 24.449374 1.071813
0.003626 0.777112 29.708202
0.71826 14.783346 24.449374 1.071813
0.003626 0.327272 19.517068
0.85913 14.783346 24.449374 1.071813
0.003626 0.235179 9.841594
1.00000 14.783346 24.449374 1.071813
0.003626 1.098144 23.785876

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -0.963924 -188.505376 -2.057125
-0.000146 -2.351402 -305.021954
0.57739 -0.963924 -188.505376 -2.057125
-0.000146 -1.487962 -226.806502
0.71826 -0.963924 -188.505376 -2.057125
-0.000146 -0.622512 -150.203040
0.85913 -0.963924 -188.505376 -2.057125
-0.000146 -0.121137 -76.402469
1.00000 -0.963924 -188.505376 -2.057125
-0.000146 -0.571649 -21.263823

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 16.679257 24.191012 1.204193
0.003474 1.379433 42.058241
0.57739 16.679257 24.191012 1.204193
0.003474 0.874407 31.940547
0.71826 16.679257 24.191012 1.204193
0.003474 0.368755 21.841567
0.85913 16.679257 24.191012 1.204193
0.003474 0.303158 12.681061
1.00000 16.679257 24.191012 1.204193
0.003474 1.416134 45.071073

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.133619 -210.200430 -2.653872
-5.30E-05 -3.033405 -317.858527
0.57739 -1.133619 -210.200430 -2.653872
-5.30E-05 -1.919764 -229.870046
0.71826 -1.133619 -210.200430 -2.653872
-5.30E-05 -0.805686 -143.400527
0.85913 -1.133619 -210.200430 -2.653872
-5.30E-05 -0.135433 -59.693028
1.00000 -1.133619 -210.200430 -2.653872
-5.30E-05 -0.642109 -14.325494

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 16.070574 59.637786 1.268433
0.003811 1.451760 103.693796
0.57739 16.070574 59.637786 1.268433
0.003811 0.919654 79.128526
0.71826 16.070574 59.637786 1.268433
0.003811 0.389382 55.911436
0.85913 16.070574 59.637786 1.268433
0.003811 0.329138 46.076231
1.00000 16.070574 59.637786 1.268433
0.003811 1.534437 83.912243

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -5.074816 -227.558889 -2.878679
-0.002691 -3.248157 -311.112094
0.57739 -5.074816 -227.558889 -2.878679
-0.002691 -2.085310 -216.179743
0.71826 -5.074816 -227.558889 -2.878679
-0.002691 -0.877279 -126.215560
0.85913 -5.074816 -227.558889 -2.878679
-0.002691 -0.143728 -50.598733
1.00000 -5.074816 -227.558889 -2.878679
-0.002691 -0.676889 -15.981430
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3001

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 9.464774 6.785961 0.425339
0.001383 0.487675 11.340862
0.57739 9.464774 6.785961 0.425339
0.001383 0.309264 8.500023
0.71826 9.464774 6.785961 0.425339
0.001383 0.130890 5.671206
0.85913 9.464774 6.785961 0.425339
0.001383 0.118261 2.892375
1.00000 9.464774 6.785961 0.425339
0.001383 0.551776 12.566204

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -0.372838 -82.138186 -1.033288
-0.000109 -1.180688 -132.163495
0.57739 -0.372838 -82.138186 -1.033288
-0.000109 -0.746691 -98.369441
0.71826 -0.372838 -82.138186 -1.033288
-0.000109 -0.313256 -68.736428
0.85913 -0.372838 -82.138186 -1.033288
-0.000109 -0.047642 -39.799077
1.00000 -0.372838 -82.138186 -1.033288
-0.000109 -0.226410 -19.132926

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 12.778664 12.551134 0.658292
0.002525 0.753709 27.884970
0.57739 12.778664 12.551134 0.658292
0.002525 0.478049 22.828457
0.71826 12.778664 12.551134 0.658292
0.002525 0.205469 19.778381
0.85913 12.778664 12.551134 0.658292
0.002525 0.216517 34.505279
1.00000 12.778664 12.551134 0.658292
0.002525 0.992163 80.475014

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.503993 -150.308637 -1.857592
-0.002626 -2.122331 -181.737287
0.57739 -1.503993 -150.308637 -1.857592
-0.002626 -1.342973 -119.182275
0.71826 -1.503993 -150.308637 -1.857592
-0.002626 -0.564555 -63.499826
0.85913 -1.503993 -150.308637 -1.857592
-0.002626 -0.076678 -27.855331
1.00000 -1.503993 -150.308637 -1.857592
-0.002626 -0.351895 -9.936364

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 17.749997 23.167953 1.090468
0.003891 1.248238 44.200376
0.57739 17.749997 23.167953 1.090468
0.003891 0.791181 34.856865
0.71826 17.749997 23.167953 1.090468
0.003891 0.334170 27.135331
0.85913 17.749997 23.167953 1.090468
0.003891 0.299973 35.468551
1.00000 17.749997 23.167953 1.090468
0.003891 1.384091 82.229891

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.701040 -221.232397 -2.591519
-0.002368 -2.961515 -302.545588
0.57739 -1.701040 -221.232397 -2.591519
-0.002368 -1.873908 -210.240279
0.71826 -1.701040 -221.232397 -2.591519
-0.002368 -0.786692 -123.863360
0.85913 -1.701040 -221.232397 -2.591519
-0.002368 -0.125385 -50.405763
1.00000 -1.701040 -221.232397 -2.591519
-0.002368 -0.582444 -14.314141
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3002

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 15.311293 93.391045 1.254136
0.003099 1.435530 149.955877
0.57739 15.311293 93.391045 1.254136
0.003099 0.909412 111.067823
0.71826 15.311293 93.391045 1.254136
0.003099 0.385592 73.295252
0.85913 15.311293 93.391045 1.254136
0.003099 0.328987 45.964610
1.00000 15.311293 93.391045 1.254136
0.003099 1.544354 72.246857

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.925774 -196.832275 -2.901031
-0.003152 -3.321210 -269.904239
0.57739 -7.925774 -196.832275 -2.901031
-0.003152 -2.103972 -187.750034
0.71826 -7.925774 -196.832275 -2.901031
-0.003152 -0.886595 -109.457618
0.85913 -7.925774 -196.832275 -2.901031
-0.003152 -0.143250 -42.805000
1.00000 -7.925774 -196.832275 -2.901031
-0.003152 -0.668588 -23.954690

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 0.690260 152.218982 0.590680
7.06E-06 0.675775 218.126648
0.57739 0.690260 152.218982 0.590680
7.06E-06 0.427171 154.387136
0.71826 0.690260 152.218982 0.590680
7.06E-06 0.180201 90.692498
0.85913 0.690260 152.218982 0.590680
7.06E-06 0.126367 27.101738
1.00000 0.690260 152.218982 0.590680
7.06E-06 0.622877 4.292793

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -12.425867 -11.040128 -1.183451
-0.002894 -1.363175 -15.103408
0.57739 -12.425867 -11.040128 -1.183451
-0.002894 -0.866691 -10.567353
0.71826 -12.425867 -11.040128 -1.183451
-0.002894 -0.370253 -6.269402
0.85913 -12.425867 -11.040128 -1.183451
-0.002894 -0.066379 -2.812341
1.00000 -12.425867 -11.040128 -1.183451
-0.002894 -0.313638 -38.554508

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 4.092142 172.013395 0.834836
0.001761 0.953362 265.441436
0.57739 4.092142 172.013395 0.834836
0.001761 0.602785 194.292151
0.71826 4.092142 172.013395 0.834836
0.001761 0.257708 126.426193
0.85913 4.092142 172.013395 0.834836
0.001761 0.217762 84.171557
1.00000 4.092142 172.013395 0.834836
0.001761 1.025806 82.447511

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -15.498294 -85.434694 -1.937206
-0.006873 -2.225342 -69.922259
0.57739 -15.498294 -85.434694 -1.937206
-0.006873 -1.412606 -35.098011
0.71826 -15.498294 -85.434694 -1.937206
-0.006873 -0.600782 -9.569889
0.85913 -15.498294 -85.434694 -1.937206
-0.006873 -0.095992 -3.402478
1.00000 -15.498294 -85.434694 -1.937206
-0.006873 -0.445621 -38.046383
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3003

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 9.473714 154.083746 1.048483
0.001953 1.199648 232.550817
0.57739 9.473714 154.083746 1.048483
0.001953 0.759453 168.397781
0.71826 9.473714 154.083746 1.048483
0.001953 0.323907 106.048893
0.85913 9.473714 154.083746 1.048483
0.001953 0.290578 61.852397
1.00000 9.473714 154.083746 1.048483
0.001953 1.369026 77.020804

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -13.371092 -125.020332 -2.579903
-0.005525 -2.958413 -139.513397
0.57739 -13.371092 -125.020332 -2.579903
-0.005525 -1.876524 -87.512468
0.71826 -13.371092 -125.020332 -2.579903
-0.005525 -0.794725 -41.165451
0.85913 -13.371092 -125.020332 -2.579903
-0.005525 -0.120353 -9.400523
1.00000 -13.371092 -125.020332 -2.579903
-0.005525 -0.558938 -36.416553

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 14.556977 136.969277 1.268630
0.002951 1.451873 207.648808
0.57739 14.556977 136.969277 1.268630
0.002951 0.919466 150.591763
0.71826 14.556977 136.969277 1.268630
0.002951 0.390515 95.036778
0.85913 14.556977 136.969277 1.268630
0.002951 0.331723 54.558452
1.00000 14.556977 136.969277 1.268630
0.002951 1.558540 71.610714

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -11.439100 -175.469626 -2.931660
-0.004614 -3.358666 -234.458985
0.57739 -11.439100 -175.469626 -2.931660
-0.004614 -2.128894 -161.303423
0.71826 -11.439100 -175.469626 -2.931660
-0.004614 -0.898985 -93.720489
0.85913 -11.439100 -175.469626 -2.931660
-0.004614 -0.145532 -38.846147
1.00000 -11.439100 -175.469626 -2.931660
-0.004614 -0.676245 -40.595690

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 16.786991 141.962918 0.711412
0.004060 0.814726 221.851275
0.57739 16.786991 141.962918 0.711412
0.004060 0.516268 163.841474
0.71826 16.786991 141.962918 0.711412
0.004060 0.217705 108.065072
0.85913 16.786991 141.962918 0.711412
0.004060 0.197297 79.870527
1.00000 16.786991 141.962918 0.711412
0.004060 0.929124 89.138103

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -14.613649 -198.264235 -1.747452
-0.006583 -2.003581 -255.581165
0.57739 -14.613649 -198.264235 -1.747452
-0.006583 -1.270504 -179.216304
0.71826 -14.613649 -198.264235 -1.747452
-0.006583 -0.537466 -118.347785
0.85913 -14.613649 -198.264235 -1.747452
-0.006583 -0.080380 -65.407214
1.00000 -14.613649 -198.264235 -1.747452
-0.006583 -0.379061 -35.282487
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3004

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 17.749997 172.013395 1.268630
0.003891 1.451873 265.441436
0.57739 17.749997 172.013395 1.268630
0.003891 0.919654 194.292151

```
0.71826     17.749997    172.013395     1.268630
 0.003891     0.390515    126.426193
0.85913     17.749997    172.013395     1.268630
 0.003891     0.331723     84.171557
1.00000     17.749997    172.013395     1.268630
 0.003891     1.558540     83.912243

COMB       DL ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.43652   -15.498294  -227.558889   -2.931660
-0.006873    -3.358666  -317.858527
0.57739   -15.498294  -227.558889   -2.931660
-0.006873    -2.128894  -229.870046
0.71826   -15.498294  -227.558889   -2.931660
-0.006873    -0.898985  -150.820840
0.85913   -15.498294  -227.558889   -2.931660
-0.006873    -0.144532   -76.402469
1.00000   -15.498294  -227.558889   -2.931660
-0.006873    -0.676889   -40.595690

COMB       CAR ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.43652     17.749997    172.013395     1.268630
 0.004060     1.451873    265.441436
0.57739     17.749997    172.013395     1.268630
 0.004060     0.919654    194.292151
0.71826     17.749997    172.013395     1.268630
 0.004060     0.390515    126.426193
0.85913     17.749997    172.013395     1.268630
 0.004060     0.331723     84.171557
1.00000     17.749997    172.013395     1.268630
 0.004060     1.558540     89.138103

COMB       CAR ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.43652   -15.498294  -227.558889   -2.931660
-0.006873    -3.358666  -317.858527
0.57739   -15.498294  -227.558889   -2.931660
-0.006873    -2.128894  -229.870046
0.71826   -15.498294  -227.558889   -2.931660
-0.006873    -0.898985  -150.820840
0.85913   -15.498294  -227.558889   -2.931660
-0.006873    -0.144532   -76.402469
1.00000   -15.498294  -227.558889   -2.931660
-0.006873    -0.676889   -40.595690

COMB    DESIGN ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.43652     17.749997    172.013395     1.268630
 0.004060     1.451873    265.441436
0.57739     17.749997    172.013395     1.268630
 0.004060     0.919654    194.292151
0.71826     17.749997    172.013395     1.268630
 0.004060     0.390515    126.426193
0.85913     17.749997    172.013395     1.268630
 0.004060     0.331723     84.171557
1.00000     17.749997    172.013395     1.268630
 0.004060     1.558540     89.138103

COMB    DESIGN ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.43652   -15.498294  -227.558889   -2.931660
-0.006873    -3.358666  -317.858527
0.57739   -15.498294  -227.558889   -2.931660
-0.006873    -2.128894  -229.870046
0.71826   -15.498294  -227.558889   -2.931660
-0.006873    -0.898985  -150.820840
0.85913   -15.498294  -227.558889   -2.931660
-0.006873    -0.144532   -76.402469
1.00000   -15.498294  -227.558889   -2.931660
-0.006873    -0.676889   -40.595690
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3005

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       279 ================== LENGTH
=     2.977238

COMB DB-G1-1 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     5.020547    11.581605     0.334293
 0.001485     0.115215    10.745208
0.14084     5.020547    11.581605     0.334293
 0.001485     0.035669    43.790401
0.28168     5.020547    11.581605     0.334293
 0.001485     0.180016    77.742608
0.42252     5.020547    11.581605     0.334293
 0.001485     0.422992   111.816470
0.56335     5.020547    11.581605     0.334293
 0.001485     0.665968   145.980455

COMB DB-G1-1 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -0.906086   -81.547110    -0.579466
-2.50E-06    -0.305937    -2.621726
0.14084    -0.906086   -81.547110    -0.579466
-2.50E-06    -0.062976    -7.034371
0.28168    -0.906086   -81.547110    -0.579466
-2.50E-06    -0.104314   -11.648738
0.42252    -0.906086   -81.547110    -0.579466
-2.50E-06    -0.145652   -16.263106
0.56335    -0.906086   -81.547110    -0.579466
-2.50E-06    -0.384673   -21.249805

COMB DB-G1-2 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     13.013355    18.415456     0.538215
 0.002748     0.283675    20.202456
0.14084     13.013355    18.415456     0.538215
 0.002748     0.057789    76.805899
0.28168     13.013355    18.415456     0.538215
 0.002748     0.533256   135.172357
0.42252     13.013355    18.415456     0.538215
 0.002748     0.785542   195.376169
0.56335     13.013355    18.415456     0.538215
 0.002748     1.235867   255.488832

COMB DB-G1-2 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -0.597961  -144.017937    -1.073968
-5.66E-05    -0.565494   -22.316385
0.14084    -0.597961  -144.017937    -1.073968
-5.66E-05    -0.115315   -17.482997
0.28168    -0.597961  -144.017937    -1.073968
-5.66E-05    -0.167632   -18.189291
0.42252    -0.597961  -144.017937    -1.073968
-5.66E-05    -0.393349   -24.786557
0.56335    -0.597961  -144.017937    -1.073968
-5.66E-05    -0.619032   -32.078369

COMB DB-G1-3 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     14.659450    15.770793     0.635291
 0.003247     0.335032    37.394447
0.14084     14.659450    15.770793     0.635291
 0.003247     0.068289   104.828354
0.28168     14.659450    15.770793     0.635291
 0.003247     0.463241   174.043613
0.42252     14.659450    15.770793     0.635291
 0.003247     1.085120   243.676716
0.56335     14.659450    15.770793     0.635291
 0.003247     1.707026   313.394537

COMB DB-G1-3 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -0.543892  -166.637350    -1.483167
-2.25E-06    -0.780626   -12.139031
0.14084    -0.543892  -166.637350    -1.483167
-2.25E-06    -0.158679   -12.174535
0.28168    -0.543892  -166.637350    -1.483167
-2.25E-06    -0.197603   -15.578673
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3006

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
     T           M2           M3
0.42252    -0.543892  -166.637350    -1.483167
-2.25E-06    -0.464103   -22.120579
0.56335    -0.543892  -166.637350    -1.483167
-2.25E-06    -0.730490   -28.683118

COMB DB-G1-4 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     12.996699    66.697138     0.680364
 0.004868     0.358788    89.135571
0.14084     12.996699    66.697138     0.680364
 0.004868     0.073187   144.455205
0.28168     12.996699    66.697138     0.680364
 0.004868     0.521315   204.117107
0.42252     12.996699    66.697138     0.680364
 0.004868     1.222292   266.123151
0.56335     12.996699    66.697138     0.680364
 0.004868     1.923292   334.964737

COMB DB-G1-4 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -6.292528  -167.957162    -1.671861
-0.001638    -0.880888   -13.851146
0.14084    -6.292528  -167.957162    -1.671861
-0.001638    -0.182443   -26.332313
0.28168    -6.292528  -167.957162    -1.671861
-0.001638    -0.211691   -43.184909
0.42252    -6.292528  -167.957162    -1.671861
-0.001638    -0.497079   -62.959974
0.56335    -6.292528  -167.957162    -1.671861
-0.001638    -0.782375   -82.812880

COMB DB-G2-1 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     8.719116     4.739956     0.207790
 0.001288     0.109771    11.270559
0.14084     8.719116     4.739956     0.207790
 0.001288     0.022542    37.204191
0.28168     8.719116     4.739956     0.207790
 0.001288     0.184133    64.172478
0.42252     8.719116     4.739956     0.207790
 0.001288     0.430087    91.392842
0.56335     8.719116     4.739956     0.207790
 0.001288     0.676105   118.695381

COMB DB-G2-1 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -0.211675   -65.357963    -0.586724
-7.47E-06    -0.308006   -21.559465
0.14084    -0.211675   -65.357963    -0.586724
-7.47E-06    -0.061999   -11.460220
0.28168    -0.211675   -65.357963    -0.586724
-7.47E-06    -0.084435    -5.715527
0.42252    -0.211675   -65.357963    -0.586724
-7.47E-06    -0.151603    -6.653476
0.56335    -0.211675   -65.357963    -0.586724
-7.47E-06    -0.238735    -8.610133

COMB DB-G2-2 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     9.874980    35.326781     0.361765
 0.004803     0.191143    83.574872
0.14084     9.874980    35.326781     0.361765
 0.004803     0.039185   107.507350
0.28168     9.874980    35.326781     0.361765
 0.004803     0.358528   135.472745
0.42252     9.874980    35.326781     0.361765
 0.004803     0.838760   166.373318
0.56335     9.874980    35.326781     0.361765
 0.004803     1.319023   206.614211

COMB DB-G2-2 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -3.485872   -99.589871    -1.145367
-0.001456    -0.602064   -11.642074
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3007

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
     T           M2           M3
0.14084    -3.485872   -99.589871    -1.145367
-0.001456    -0.125111    -6.840813
0.28168    -3.485872   -99.589871    -1.145367
-0.001456    -0.112095    -6.821889
0.42252    -3.485872   -99.589871    -1.145367
-0.001456    -0.263916   -10.561260
0.56335    -3.485872   -99.589871    -1.145367
-0.001456    -0.415611   -14.372705

COMB DB-G2-3 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     14.080457    40.346698     0.579143
 0.005501     0.305609    83.272257
0.14084     14.080457    40.346698     0.579143
 0.005501     0.062443   130.733149
0.28168     14.080457    40.346698     0.579143
 0.005501     0.469668   182.897964
0.42252     14.080457    40.346698     0.579143
 0.005501     1.099361   237.903107
0.56335     14.080457    40.346698     0.579143
 0.005501     1.729076   301.393018

COMB DB-G2-3 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -3.364382  -154.937838    -1.501838
-0.001316    -0.789944   -14.886837
0.14084    -3.364382  -154.937838    -1.501838
-0.001316    -0.163165   -10.476074
0.28168    -3.364382  -154.937838    -1.501838
-0.001316    -0.179892   -14.686099
0.42252    -3.364382  -154.937838    -1.501838
-0.001316    -0.422898   -21.597922
0.56335    -3.364382  -154.937838    -1.501838
-0.001316    -0.665740   -28.573137

COMB DB-G2-4 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     12.361386    91.609402     0.683286
 0.004117     0.360353    74.900518
0.14084     12.361386    91.609402     0.683286
 0.004117     0.073519   120.902652
0.28168     12.361386    91.609402     0.683286
 0.004117     0.530674   173.407577
0.42252     12.361386    91.609402     0.683286
 0.004117     1.244832   227.843154
0.56335     12.361386    91.609402     0.683286
 0.004117     1.959046   287.864352

COMB DB-G2-4 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -8.921004  -145.530418    -1.703395
-0.002028    -0.898226   -22.602993
0.14084    -8.921004  -145.530418    -1.703395
-0.002028    -0.186300   -44.269229
0.28168    -8.921004  -145.530418    -1.703395
-0.002028    -0.212467   -73.668343
0.42252    -8.921004  -145.530418    -1.703395
-0.002028    -0.499102  -105.409561
0.56335    -8.921004  -145.530418    -1.703395
-0.002028    -0.785597  -137.275183

COMB DB-G3-1 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     0.404845    123.026384     0.355297
 2.85E-05     0.187324     3.617422
0.14084     0.404845    123.026384     0.355297
 2.85E-05     0.038294     7.185594
0.28168     0.404845    123.026384     0.355297
 2.85E-05     0.216429    10.940464
0.42252     0.404845    123.026384     0.355297
 2.85E-05     0.512506    14.723331
0.56335     0.404845    123.026384     0.355297
 2.85E-05     0.808693    18.530561
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3008

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000   -11.900600    -9.109248    -0.706367
-0.002270    -0.376042   -29.504344
0.14084   -11.900600    -9.109248    -0.706367
-0.002270    -0.081026   -80.837502
0.28168   -11.900600    -9.109248    -0.706367
-0.002270    -0.110629  -132.183516
0.42252   -11.900600    -9.109248    -0.706367
-0.002270    -0.259615  -183.545518
0.56335   -11.900600    -9.109248    -0.706367
-0.002270    -0.408594  -235.116566

COMB DB-G3-2 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     0.953100    174.420272     0.501233
 0.003897     0.264346    82.671282
0.14084     0.953100    174.420272     0.501233
 0.003897     0.054116    74.592486
0.28168     0.953100    174.420272     0.501233
 0.003897     0.373329    72.222012
0.42252     0.953100    174.420272     0.501233
 0.003897     0.880366    73.406944
0.56335     0.953100    174.420272     0.501233
 0.003897     1.387614    85.930924

COMB DB-G3-2 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000   -17.778869   -34.284832    -1.209723
-0.004209    -0.641634   -29.357533
0.14084   -17.778869   -34.284832    -1.209723
-0.004209    -0.139330   -85.289473
0.28168   -17.778869   -34.284832    -1.209723
-0.004209    -0.116626  -142.591945
0.42252   -17.778869   -34.284832    -1.209723
-0.004209    -0.366143  -200.366649
0.56335   -17.778869   -34.284832    -1.209723
-0.004209    -0.576315  -260.141018

COMB DB-G3-3 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     6.558677    147.144840     0.613351
 0.003762     0.323616    71.721348
0.14084     6.558677    147.144840     0.613351
 0.003762     0.066205    90.198100
0.28168     6.558677    147.144840     0.613351
 0.003762     0.495122   111.506625
0.42252     6.558677    147.144840     0.613351
 0.003762     1.164420   135.155554
0.56335     6.558677    147.144840     0.613351
 0.003762     1.833919   166.518991

COMB DB-G3-3 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000   -14.621867   -77.718247    -1.596671
-0.003381    -0.844300   -27.230464
0.14084   -14.621867   -77.718247    -1.596671
-0.003381    -0.178345   -77.563415
0.28168   -14.621867   -77.718247    -1.596671
-0.003381    -0.190603  -129.607492
0.42252   -14.621867   -77.718247    -1.596671
-0.003381    -0.447905  -182.046065
0.56335   -14.621867   -77.718247    -1.596671
-0.003381    -0.705090  -234.543351

COMB DB-G3-4 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     11.304453    128.578702     0.706437
 0.004111     0.372686    65.904568
0.14084     11.304453    128.578702     0.706437
 0.004111     0.076187   102.505933
0.28168     11.304453    128.578702     0.706437
 0.004111     0.539028   142.695397
0.42252     11.304453    128.578702     0.706437
 0.004111     1.226537   185.070933
0.56335     11.304453    128.578702     0.706437
 0.004111     1.993034   233.990119
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3009

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000   -12.333172  -119.291095    -1.734034
-0.002810    -0.915589   -35.280744
0.14084   -12.333172  -119.291095    -1.734034
-0.002810    -0.191458   -70.614071
0.28168   -12.333172  -119.291095    -1.734034
-0.002810    -0.219611  -114.230435
0.42252   -12.333172  -119.291095    -1.734034
-0.002810    -0.515933  -160.480222
0.56335   -12.333172  -119.291095    -1.734034
-0.002810    -0.812152  -206.781107

COMB DL-G1-1 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     5.530450    16.143937     0.641197
 0.001676     0.337594    14.224336
0.14084     5.530450    16.143937     0.641197
 0.001676     0.068507    56.699226
0.28168     5.530450    16.143937     0.641197
 0.001676     0.349140    99.946521
0.42252     5.530450    16.143937     0.641197
 0.001676     0.821950   143.935778
0.56335     5.530450    16.143937     0.641197
 0.001676     1.293916   188.350839

COMB DL-G1-1 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -1.211187  -106.001857    -1.125363
-1.55E-06    -0.592597    -4.320202
0.14084    -1.211187  -106.001857    -1.125363
-1.55E-06    -0.120355    -9.348712
0.28168    -1.211187  -106.001857    -1.125363
-1.55E-06    -0.199746   -14.848496
0.42252    -1.211187  -106.001857    -1.125363
-1.55E-06    -0.468769   -21.031931
0.56335    -1.211187  -106.001857    -1.125363
-1.55E-06    -0.737640   -27.750759

COMB DL-G1-2 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     14.018993    24.902884     1.069010
 0.003009     0.563579    23.782619
0.14084     14.018993    24.902884     1.069010
 0.003009     0.114706    95.250886
0.28168     14.018993    24.902884     1.069010
 0.003009     0.618766   169.993122
0.42252     14.018993    24.902884     1.069010
 0.003009     1.451795   246.940937
0.56335     14.018993    24.902884     1.069010
 0.003009     2.284016   324.967315

COMB DL-G1-2 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -1.130072  -186.462018    -1.983720
-3.55E-05    -1.040892   -21.263996
0.14084    -1.130072  -186.462018    -1.983720
-3.55E-05    -0.208741   -21.754015
0.28168    -1.130072  -186.462018    -1.983720
-3.55E-05    -0.332426   -24.723924
0.42252    -1.130072  -186.462018    -1.983720
-3.55E-05    -0.780917   -31.649003
0.56335    -1.130072  -186.462018    -1.983720
-3.55E-05    -1.229262   -41.778347

COMB DL-G1-3 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     15.618689    23.955565     1.205216
 0.003438     0.636423    45.067217
0.14084     15.618689    23.955565     1.205216
 0.003438     0.129886   126.885086
0.28168     15.618689    23.955565     1.205216
 0.003438     0.796837   211.436565
0.42252     15.618689    23.955565     1.205216
 0.003438     1.866259   297.895832
0.56335     15.618689    23.955565     1.205216
 0.003438     2.935384   385.171853
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3010

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -1.278335  -208.427366    -2.549187
-1.07E-05    -1.336273   -14.325568
0.14084    -1.278335  -208.427366    -2.549187
-1.07E-05    -0.267486   -16.719180
0.28168    -1.278335  -208.427366    -2.549187
-1.07E-05    -0.374574   -21.511066
0.42252    -1.278335  -208.427366    -2.549187
-1.07E-05    -0.880429   -29.226287
0.56335    -1.278335  -208.427366    -2.549187
-1.07E-05    -1.385622   -38.864279

COMB DL-G1-4 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     13.982933    75.733469     1.263807
 0.004471     0.666841    83.909134
0.14084     13.982933    75.733469     1.263807
 0.004471     0.136777   153.444876
0.28168     13.982933    75.733469     1.263807
 0.004471     0.876897   226.285079
0.42252     13.982933    75.733469     1.263807
 0.004471     2.067840   300.102196
0.56335     13.982933    75.733469     1.263807
 0.004471     3.236451   390.929909

COMB DL-G1-4 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -6.594048  -204.409787    -2.813244
-0.001476    -1.478865   -15.980867
0.14084    -6.594048  -204.409787    -2.813244
-0.001476    -0.301707   -32.210409
0.28168    -6.594048  -204.409787    -2.813244
-0.001476    -0.393786   -52.039782
0.42252    -6.594048  -204.409787    -2.813244
-0.001476    -0.923039   -74.825819
0.56335    -6.594048  -204.409787    -2.813244
-0.001476    -1.453194   -99.923370

COMB DL-G2-1 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     8.999196     6.707942     0.427230
 0.001400     0.226121    12.564890
0.14084     8.999196     6.707942     0.427230
 0.001400     0.046699    42.911153
0.28168     8.999196     6.707942     0.427230
 0.001400     0.299427    75.231648
0.42252     8.999196     6.707942     0.427230
 0.001400     0.698470   108.831563
0.56335     8.999196     6.707942     0.427230
 0.001400     1.098148   142.910867

COMB DL-G2-1 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -0.356835   -81.429647    -0.951798
-4.55E-06    -0.496785   -19.133198
0.14084    -0.356835   -81.429647    -0.951798
-4.55E-06    -0.096996   -13.229874
0.28168    -0.356835   -81.429647    -0.951798
-4.55E-06    -0.132653    -9.076563
0.42252    -0.356835   -81.429647    -0.951798
-4.55E-06    -0.311703    -8.477012
0.56335    -0.356835   -81.429647    -0.951798
-4.55E-06    -0.490824   -11.267839

COMB DL-G2-2 ------------------- MAX

REL DIST          P            V2           V3
     T           M2           M3
0.00000     10.231892    36.671613     0.659498
 0.004301     0.349196    80.473193
0.14084     10.231892    36.671613     0.659498
 0.004301     0.073019   109.809966
0.28168     10.231892    36.671613     0.659498
 0.004301     0.550850   141.311878
0.42252     10.231892    36.671613     0.659498
 0.004301     1.286923   181.797045
0.56335     10.231892    36.671613     0.659498
 0.004301     2.023597   229.452782
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3011

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P            V2           V3
     T           M2           M3
0.00000    -3.346846  -116.117700    -1.757044
```

```
-0.001292   -0.920318   -9.936510
0.14084   -3.346846  -116.117700   -1.757044
-0.001292   -0.187939   -8.039922
0.28168   -3.346846  -116.117700   -1.757044
-0.001292   -0.206138   -8.761600
0.42252   -3.346846  -116.117700   -1.757044
-0.001292   -0.481626  -11.982374
0.56335   -3.346846  -116.117700   -1.757044
-0.001292   -0.758081  -17.706620

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    15.157854    44.906725    1.089787
0.005198     0.575816    82.226791
0.14084    15.157854    44.906725    1.089787
0.005198     0.120087   141.366352
0.28168    15.157854    44.906725    1.089787
0.005198     0.773465   204.514468
0.42252    15.157854    44.906725    1.089787
0.005198     1.810812   276.337864
0.56335    15.157854    44.906725    1.089787
0.005198     2.847969   354.910215

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -3.439794  -189.782242   -2.473387
-0.001169   -1.296823   -14.314578
0.14084   -3.439794  -189.782242   -2.473387
-0.001169   -0.763412   -13.101698
0.28168   -3.439794  -189.782242   -2.473387
-0.001169   -0.339928   -18.466029
0.42252   -3.439794  -189.782242   -2.473387
-0.001169   -0.796074   -26.245563
0.56335   -3.439794  -189.782242   -2.473387
-0.001169   -1.253000   -36.311477

COMB DL-G2-4 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    13.464690   107.099198    1.248899
0.003820     0.659010    72.244227
0.14084    13.464690   107.099198    1.248899
0.003820     0.134884   132.301454
0.28168    13.464690   107.099198    1.248899
0.003820     0.885891   196.049697
0.42252    13.464690   107.099198    1.248899
0.003820     2.079141   265.533865
0.56335    13.464690   107.099198    1.248899
0.003820     3.272021   339.304796

COMB DL-G2-4 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -9.349453  -177.540663   -2.844924
-0.001981   -1.496624   -23.953462
0.14084   -9.349453  -177.540663   -2.844924
-0.001981   -0.305862   -53.610757
0.28168   -9.349453  -177.540663   -2.844924
-0.001981   -0.388905   -89.228682
0.42252   -9.349453  -177.540663   -2.844924
-0.001981   -0.911732  -127.056469
0.56335   -9.349453  -177.540663   -2.844924
-0.001981   -1.435782  -166.623398

COMB DL-G3-1 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000     0.577000   153.280073    0.581984
 2.14E-05    0.306037     4.293421
0.14084     0.577000   153.280073    0.581984
 2.14E-05    0.062402     8.641687
0.28168     0.577000   153.280073    0.581984
 2.14E-05    0.387114    13.108855
0.42252     0.577000   153.280073    0.581984
 2.14E-05    0.916429    17.664142
0.56335     0.577000   153.280073    0.581984
 2.14E-05    1.445774    22.299331
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3012

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -12.879907   -11.093423   -1.262401
-0.002566   -0.051112   -38.511112
0.14084   -12.879907   -11.093423   -1.262401
-0.002566   -0.142718  -102.432236
0.28168   -12.879907   -11.093423   -1.262401
-0.002566   -0.180564  -166.344407
0.42252   -12.879907   -11.093423   -1.262401
-0.002566   -0.423933  -230.380776
0.56335   -12.879907   -11.093423   -1.262401
-0.002566   -0.668770  -294.642698

COMB DL-G3-2 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000     1.316003   207.641455    0.820574
 0.003686    0.431843    82.447336
0.14084     1.316003   207.641455    0.820574
 0.003686    0.089678    74.533531
0.28168     1.316003   207.641455    0.820574
 0.003686    0.621014    68.041056
0.42252     1.316003   207.641455    0.820574
 0.003686    1.465331    74.548574
0.56335     1.316003   207.641455    0.820574
 0.003686    2.310239    87.623352

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -18.562189   -38.519118   -2.015255
-0.004481   -1.069985   -38.042784
0.14084   -18.562189   -38.519118   -2.015255
-0.004481   -0.230114  -106.213885
0.28168   -18.562189   -38.519118   -2.015255
-0.004481   -0.255801  -175.874679
0.42252   -18.562189   -38.519118   -2.015255
-0.004481   -0.598416  -246.219767
0.56335   -18.562189   -38.519118   -2.015255
-0.004481   -0.943418  -319.590296

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000     6.994535   179.874866    1.040406
 0.003752    0.549014    77.019334
0.14084     6.994535   179.874866    1.040406
 0.003752    0.114910    97.203700
0.28168     6.994535   179.874866    1.040406
 0.003752    0.803588   118.381152
0.42252     6.994535   179.874866    1.040406
 0.003752    1.889367   148.174018
0.56335     6.994535   179.874866    1.040406
 0.003752    2.975556   185.084674

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -15.724196   -90.452072   -2.591195
-0.003689   -1.368214   -36.413295
0.14084   -15.724196   -90.452072   -2.591195
-0.003689   -0.286131   -97.501916
0.28168   -15.724196   -90.452072   -2.591195
-0.003689   -0.324262  -160.082283
0.42252   -15.724196   -90.452072   -2.591195
-0.003689   -0.758922  -224.325120
0.56335   -15.724196   -90.452072   -2.591195
-0.003689   -1.195890  -289.922019

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    12.228746   158.299911    1.261419
 0.004210    0.665555    71.608394
0.14084    12.228746   158.299911    1.261419
 0.004210    0.137875   114.539034
0.28168    12.228746   158.299911    1.261419
 0.004210    0.900190   160.737716
0.42252    12.228746   158.299911    1.261419
 0.004210    2.114610   214.919730
0.56335    12.228746   158.299911    1.261419
 0.004210    3.328913   275.375363
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3013

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -13.423427  -146.352627   -2.896237
-0.003070   -1.526048   -40.593291
0.14084   -13.423427  -146.352627   -2.896237
-0.003070   -0.315134   -88.975472
0.28168   -13.423427  -146.352627   -2.896237
-0.003070   -0.392650  -141.968660
0.42252   -13.423427  -146.352627   -2.896237
-0.003070   -0.920426  -198.124549
0.56335   -13.423427  -146.352627   -2.896237
-0.003070   -1.449974  -256.328978

COMB      DB ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    14.659450   174.420272    0.706437
 0.005501    0.372686    89.135571
0.14084    14.659450   174.420272    0.706437
 0.005501    0.076187   144.455205
0.28168    14.659450   174.420272    0.706437
 0.005501    0.539028   204.117107
0.42252    14.659450   174.420272    0.706437
 0.005501    1.265937   266.123151
0.56335    14.659450   174.420272    0.706437
 0.005501    1.993034   334.964737

COMB      DB ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -17.778869  -167.957162   -1.734034
-0.004209   -0.915589   -35.280744
0.14084   -17.778869  -167.957162   -1.734034
-0.004209   -0.191458   -85.289473
0.28168   -17.778869  -167.957162   -1.734034
-0.004209   -0.219611  -142.591945
0.42252   -17.778869  -167.957162   -1.734034
-0.004209   -0.515933  -200.366649
0.56335   -17.778869  -167.957162   -1.734034
-0.004209   -0.812152  -260.141018

COMB      DL ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    15.618689   207.641455    1.263807
 0.005198    0.666841    89.135571
0.14084    15.618689   207.641455    1.263807
 0.005198    0.137875   153.444876
0.28168    15.618689   207.641455    1.263807
 0.005198    0.900190   226.285079
0.42252    15.618689   207.641455    1.263807
 0.005198    2.114610   306.020256
0.56335    15.618689   207.641455    1.263807
 0.005198    3.328913   390.929909

COMB      DL ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -18.562189  -208.427366   -2.896237
-0.004481   -1.526048   -40.593291
0.14084   -18.562189  -208.427366   -2.896237
-0.004481   -0.315134  -106.213885
0.28168   -18.562189  -208.427366   -2.896237
-0.004481   -0.393786  -175.874679
0.42252   -18.562189  -208.427366   -2.896237
-0.004481   -0.923039  -246.219767
0.56335   -18.562189  -208.427366   -2.896237
-0.004481   -1.453194  -319.590296

COMB      CAR ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    15.618689   207.641455    1.263807
 0.005501    0.666841    89.135571
0.14084    15.618689   207.641455    1.263807
 0.005501    0.137875   153.444876
0.28168    15.618689   207.641455    1.263807
 0.005501    0.900190   226.285079
0.42252    15.618689   207.641455    1.263807
 0.005501    2.114610   306.020256
0.56335    15.618689   207.641455    1.263807
 0.005501    3.328913   390.929909
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3014

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -18.562189  -208.427366   -2.896237
-0.004481   -1.526048   -40.593291
0.14084   -18.562189  -208.427366   -2.896237
-0.004481   -0.315134  -106.213885
0.28168   -18.562189  -208.427366   -2.896237
-0.004481   -0.393786  -175.874679
0.42252   -18.562189  -208.427366   -2.896237
-0.004481   -0.923039  -246.219767
0.56335   -18.562189  -208.427366   -2.896237
-0.004481   -1.453194  -319.590296

COMB    DESIGN ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.00000    15.618689   207.641455    1.263807
 0.005501    0.666841    89.135571
0.14084    15.618689   207.641455    1.263807
 0.005501    0.137875   153.444876
0.28168    15.618689   207.641455    1.263807
 0.005501    0.900190   226.285079
0.42252    15.618689   207.641455    1.263807
 0.005501    2.114610   306.020256
0.56335    15.618689   207.641455    1.263807
 0.005501    3.328913   390.929909

COMB    DESIGN ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.00000   -18.562189  -208.427366   -2.896237
-0.004481   -1.526048   -40.593291
0.14084   -18.562189  -208.427366   -2.896237
-0.004481   -0.315134  -106.213885
0.28168   -18.562189  -208.427366   -2.896237
-0.004481   -0.393786  -175.874679
0.42252   -18.562189  -208.427366   -2.896237
-0.004481   -0.923039  -246.219767
0.56335   -18.562189  -208.427366   -2.896237
-0.004481   -1.453194  -319.590296

ELEM      280 ================== LENGTH
=     2.978072

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     4.781939     4.364188    0.411289
 0.001856    0.428836     5.920326
0.57739     4.781939     4.364188    0.411289
 0.001856    0.256294     4.091954
0.71826     4.781939     4.364188    0.411289
 0.001856    0.083738     2.675415
0.85913     4.781939     4.364188    0.411289
 0.001856    0.152711     2.324497
1.00000     4.781939     4.364188    0.411289
 0.001856    0.451153     4.437749

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -8.479436   -24.510699   -0.711437
 -8.72E-06   -0.742696   -42.135973
0.57739   -8.479436   -24.510699   -0.711437
 -8.72E-06   -0.444235   -33.065961
0.71826   -8.479436   -24.510699   -0.711437
 -8.72E-06   -0.145775   -24.493245
0.85913   -8.479436   -24.510699   -0.711437
 -8.72E-06   -0.088780   -16.569313
1.00000   -8.479436   -24.510699   -0.711437
 -8.72E-06   -0.261335    -9.265833

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     7.320610     6.718279    0.659595
 0.003214    0.688035     9.328512
0.57739     7.320610     6.718279    0.659595
 0.003214    0.411319     6.567322
0.71826     7.320610     6.718279    0.659595
 0.003214    0.134545     4.080800
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3015

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
         T           M2           M3
0.85913     7.320610     6.718279    0.659595
 0.003214    0.284459     3.948651
1.00000     7.320610     6.718279    0.659595
 0.003214    0.843459    12.511770

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -1.083450   -45.372785   -1.333394
 -0.000164   -1.394076   -90.024808
0.57739   -1.083450   -45.372785   -1.333394
 -0.000164   -0.834693   -73.796899
0.71826   -1.083450   -45.372785   -1.333394
 -0.000164   -0.275311   -58.859649
0.85913   -1.083450   -45.372785   -1.333394
 -0.000164   -0.142034   -45.200163
1.00000   -1.083450   -45.372785   -1.333394
 -0.000164   -0.418809   -32.387669

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     7.083043    22.090950    0.774400
 0.003092    0.808204    59.519932
0.57739     7.083043    22.090950    0.774400
 0.003092    0.483326    50.466917
0.71826     7.083043    22.090950    0.774400
 0.003092    0.158446    42.441943
0.85913     7.083043    22.090950    0.774400
 0.003092    0.388218    35.612353
1.00000     7.083043    22.090950    0.774400
 0.003092    1.154358    37.499962

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -2.469930   -48.846940   -1.826269
 -5.03E-06   -1.910252   -73.131446
0.57739   -2.469930   -48.846940   -1.826269
 -5.03E-06   -1.144599   -55.494719
0.71826   -2.469930   -48.846940   -1.826269
 -5.03E-06   -0.377968   -42.699545
0.85913   -2.469930   -48.846940   -1.826269
 -5.03E-06   -0.166315   -31.866027
1.00000   -2.469930   -48.846940   -1.826269
 -5.03E-06   -0.491292   -21.773525

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     9.840159    30.843353    0.830257
 0.004615    0.866594    74.573114
0.57739     9.840159    30.843353    0.830257
 0.004615    0.518289    62.825348
0.71826     9.840159    30.843353    0.830257
 0.004615    0.169888    56.616440
0.85913     9.840159    30.843353    0.830257
 0.004615    0.437549    68.930935
1.00000     9.840159    30.843353    0.830257
 0.004615    1.279944    96.300872

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -4.030090  -103.311897   -2.024969
 -0.003379   -0.818098  -103.104754
0.57739   -4.030090  -103.311897   -2.024969
 -0.003379   -1.268587   -64.726890
0.71826   -4.030090  -103.311897   -2.024969
 -0.003379   -0.419098   -39.117384
0.85913   -4.030090  -103.311897   -2.024969
 -0.003379   -0.178245   -26.719340
1.00000   -4.030090  -103.311897   -2.024969
 -0.003379   -0.526645   -19.824111

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     2.146363     2.002110    0.251408
 0.001211    0.262606     5.502795
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3016

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
         T           M2           M3
0.57739     2.146363     2.002110    0.251408
 0.001211    0.157133     5.450338
0.71826     2.146363     2.002110    0.251408
 0.001211    0.051585     5.815501
0.85913     2.146363     2.002110    0.251408
 0.001211    0.154281     6.977567
1.00000     2.146363     2.002110    0.251408
 0.001211    0.461141    11.830158

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -1.044905   -19.697174   -0.731495
 -1.34E-05   -0.766359   -36.553772
0.57739   -1.044905   -19.697174   -0.731495
 -1.34E-05   -0.459484   -32.313181
0.71826   -1.044905   -19.697174   -0.731495
 -1.34E-05   -0.152609   -28.099204
0.85913   -1.044905   -19.697174   -0.731495
 -1.34E-05   -0.053734   -24.177920
1.00000   -1.044905   -19.697174   -0.731495
 -1.34E-05   -0.159270   -20.360986

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     5.733403    23.995191    0.435343
 0.003867    0.454930    72.376101
0.57739     5.733403    23.995191    0.435343
 0.003867    0.272292    63.776338
0.71826     5.733403    23.995191    0.435343
 0.003867    0.089541    62.437682
0.85913     5.733403    23.995191    0.435343
 0.003867    0.305713    79.341242
1.00000     5.733403    23.995191    0.435343
 0.003867    0.882938   100.986112

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -2.792863   -80.523931   -1.399148
 -0.003491   -1.464933   -59.508693
0.57739   -2.792863   -80.523931   -1.399148
 -0.003491   -0.877965   -30.402138
0.71826   -2.792863   -80.523931   -1.399148
 -0.003491   -0.291027    -1.767417
0.85913   -2.792863   -80.523931   -1.399148
 -0.003491   -0.092849   -14.792579
1.00000   -2.792863   -80.523931   -1.399148
 -0.003491   -0.275604   -11.891978

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     8.592239    24.558385    0.703199
 0.004907    0.734177    68.688081
0.57739     8.592239    24.558385    0.703199
 0.004907    0.439170    59.918837
0.71826     8.592239    24.558385    0.703199
 0.004907    0.144031    57.483857
0.85913     8.592239    24.558385    0.703199
 0.004907    0.400239    72.317416
1.00000     8.592239    24.558385    0.703199
 0.004907    1.165442    94.788269

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -2.839043   -92.083438   -1.844994
 -0.003155   -1.930590   -86.970216
0.57739   -2.839043   -92.083438   -1.844994
 -0.003155   -1.156582   -54.612848
0.71826   -2.839043   -92.083438   -1.844994
 -0.003155   -0.382605   -37.334538
0.85913   -2.839043   -92.083438   -1.844994
 -0.003155   -0.150696   -29.085299
1.00000   -2.839043   -92.083438   -1.844994
 -0.003155   -0.445840   -21.237046
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3017

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     8.034936    38.516499    0.833998
 0.003776    0.870650    81.199840
0.57739     8.034936    38.516499    0.833998
 0.003776    0.520740    66.030135
0.71826     8.034936    38.516499    0.833998
 0.003776    0.170776    55.338867
0.85913     8.034936    38.516499    0.833998
 0.003776    0.439663    59.729222
1.00000     8.034936    38.516499    0.833998
 0.003776    1.292005    82.652738

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -5.256473   -89.688516   -2.045488
 -0.003504   -2.140470   -94.211888
0.57739   -5.256473   -89.688516   -2.045488
 -0.003504   -1.282352   -61.902941
0.71826   -5.256473   -89.688516   -2.045488
 -0.003504   -0.424262   -39.538328
0.85913   -5.256473   -89.688516   -2.045488
 -0.003504   -0.178848   -24.800185
1.00000   -5.256473   -89.688516   -2.045488
 -0.003504   -0.528823   -24.063874

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     0.322227    36.909946    0.437362
 8.84E-06    0.456600    40.908046
0.57739     0.322227    36.909946    0.437362
 8.84E-06    0.273119    25.546564
0.71826     0.322227    36.909946    0.437362
 8.84E-06    0.089633    10.450124
0.85913     0.322227    36.909946    0.437362
 8.84E-06    0.164893     2.392468
1.00000     0.322227    36.909946    0.437362
 8.84E-06    0.492107     3.308176

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -5.455653   -3.417264   -0.780100
 -0.002337   -0.816976   -17.011761
0.57739   -5.455653   -3.417264   -0.780100
 -0.002337   -0.489723   -17.762721
0.71826   -5.455653   -3.417264   -0.780100
 -0.002337   -0.162470   -19.361672
0.85913   -5.455653   -3.417264   -0.780100
 -0.002337   -0.059838   -21.696982
1.00000   -5.455653   -3.417264   -0.780100
 -0.002337   -0.277325   -26.052519

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2           V3
         T           M2           M3
0.43652     4.909110    55.585338    0.613322
 0.003248    0.640487    95.174032
0.57739     4.909110    55.585338    0.613322
 0.003248    0.383188    73.150033
0.71826     4.909110    55.585338    0.613322
 0.003248    0.125834    59.075813
0.85913     4.909110    55.585338    0.613322
 0.003248    0.303083    72.240914
1.00000     4.909110    55.585338    0.613322
 0.003248    0.867864    97.413135

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2           V3
         T           M2           M3
0.43652   -7.210884   -78.863670   -1.374540
 -0.006921   -1.438792   -61.712148
0.57739   -7.210884   -78.863670   -1.374540
 -0.006921   -0.862149   -33.620542
0.71826   -7.210884   -78.863670   -1.374540
 -0.006921   -0.285526   -20.889575
0.85913   -7.210884   -78.863670   -1.374540
 -0.006921   -0.131354   -19.077727
1.00000   -7.210884   -78.863670   -1.374540
 -0.006921   -0.388711   -23.759540
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING                LOAD                >
                                       3018

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX
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REL DIST          P          V2          V3
         T         M2         M3
0.43652    4.836191   55.139274    0.747327
0.002909    0.780573  101.398794
0.57739    4.836191   55.139274    0.747327
0.002909    0.467055   79.942028
0.71826    4.836191   55.139274    0.747327
0.002909    0.153435   64.243665
0.85913    4.836191   55.139274    0.747327
0.002909    0.402278   68.739572
1.00000    4.836191   55.139274    0.747327
0.002909    1.175536   86.745363

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.644822  -71.716112   -1.862611
-0.005287   -1.950120   -57.849997
0.57739   -7.644822  -71.716112   -1.862611
-0.005287   -1.168727   -31.717075
0.71826   -7.644822  -71.716112   -1.862611
-0.005287   -0.387386   -20.001513
0.85913   -7.644822  -71.716112   -1.862611
-0.005287   -0.159875   -17.733453
1.00000   -7.644822  -71.716112   -1.862611
-0.005287   -0.473496   -21.866536

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    6.493478   48.540720    0.861950
0.003557    0.899994   88.390475
0.57739    6.493478   48.540720    0.861950
0.003557    0.538388   69.164217
0.71826    6.493478   48.540720    0.861950
0.003557    0.176674   55.012667
0.85913    6.493478   48.540720    0.861950
0.003557    0.442761   58.037761
1.00000    6.493478   48.540720    0.861950
0.003557    1.299879   75.795396

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -6.725808  -75.949021   -2.059152
-0.004388   -2.155576   -85.002661
0.57739   -6.725808  -75.949021   -2.059152
-0.004388   -1.291730   -57.899898
0.71826   -6.725808  -75.949021   -2.059152
-0.004388   -0.427921   -42.932551
0.85913   -6.725808  -75.949021   -2.059152
-0.004388   -0.184699   -35.864805
1.00000   -6.725808  -75.949021   -2.059152
-0.004388   -0.546418   -34.195483

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    6.029340    6.037744    0.786013
0.002110    0.819764   10.171844
0.57739    6.029340    6.037744    0.786013
0.002110    0.489979    8.001558
0.71826    6.029340    6.037744    0.786013
0.002110    0.160044    5.838559
0.85913    6.029340    6.037744    0.786013
0.002110    0.296955    3.709727
1.00000    6.029340    6.037744    0.786013
0.002110    0.878557    5.402266

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -0.735651  -32.835410   -1.384722
-6.31E-06   -1.444373   -57.551145
0.57739   -0.735651  -32.835410   -1.384722
-6.31E-06   -0.863300   -44.249292
0.71826   -0.735651  -32.835410   -1.384722
-6.31E-06   -0.281630   -31.161756
0.85913   -0.735651  -32.835410   -1.384722
-6.31E-06   -0.169170   -18.390810
1.00000   -0.735651  -32.835410   -1.384722
-6.31E-06   -0.409107   -9.566188
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3019

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    8.833471    9.152679    1.305341
0.003506    1.362001   14.562904
0.57739    8.833471    9.152679    1.305341
0.003506    0.814322   10.754594
0.71826    8.833471    9.152679    1.305341
0.003506    0.266643    7.103993
0.85913    8.833471    9.152679    1.305341
0.003506    0.526852    5.084328
1.00000    8.833471    9.152679    1.305341
0.003506    1.565098   13.325440

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -1.466876  -61.005937   -2.472781
-0.000110   -2.582574  -115.946892
0.57739   -1.466876  -61.005937   -2.472781
-0.000110   -1.544891   -91.023834
0.71826   -1.466876  -61.005937   -2.472781
-0.000110   -0.506515   -66.796441
0.85913   -1.466876  -61.005937   -2.472781
-0.000110   -0.280556   -43.380285
1.00000   -1.466876  -61.005937   -2.472781
-0.000110   -0.828369   -27.739397

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    8.484690   22.823532    1.464445
0.003256    1.529009   57.513695
0.57739    8.484690   22.823532    1.464445
0.003256    0.914689   49.036285
0.71826    8.484690   22.823532    1.464445
0.003256    0.300034   43.151583
0.85913    8.484690   22.823532    1.464445
0.003256    0.672535   38.640726
1.00000    8.484690   22.823532    1.464445
0.003256    2.000617   43.736103

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -2.630249  -62.953135   -3.164474
-1.87E-05   -3.305789   -96.909166
0.57739   -2.630249  -62.953135   -3.164474
-1.87E-05   -1.978127   -72.628375
0.71826   -2.630249  -62.953135   -3.164474
-1.87E-05   -0.650083   -52.441682
0.85913   -2.630249  -62.953135   -3.164474
-1.87E-05   -0.314444   -33.857095
1.00000   -2.630249  -62.953135   -3.164474
-1.87E-05   -0.929244   -20.826850

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652   10.229794   31.728233    1.538976
0.004077    1.606190   73.629052
0.57739   10.229794   31.728233    1.538976
0.004077    0.960472   61.915798
0.71826   10.229794   31.728233    1.538976
0.004077    0.315169   56.694366
0.85913   10.229794   31.728233    1.538976
0.004077    0.737520   67.246030
1.00000   10.229794   31.728233    1.538976
0.004077    2.172668   89.092488

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -4.169038  -104.559639   -3.433094
-0.003104   -3.585330   -119.697651
0.57739   -4.169038  -104.559639   -3.433094
-0.003104   -2.144950   -78.019486
0.71826   -4.169038  -104.559639   -3.433094
-0.003104   -0.704587   -47.600858
0.85913   -4.169038  -104.559639   -3.433094
-0.003104   -0.334008   -28.350254
1.00000   -4.169038  -104.559639   -3.433094
-0.003104   -0.977635   -18.961818
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3020

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    2.322151    3.022023    0.516237
0.001226    0.539385    7.149403
0.57739    2.322151    3.022023    0.516237
0.001226    0.322850    6.024270
0.71826    2.322151    3.022023    0.516237
0.001226    0.106123    5.132998
0.85913    2.322151    3.022023    0.516237
0.001226    0.253403    6.499446
1.00000    2.322151    3.022023    0.516237
0.001226    0.758004   12.621895

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -1.075992  -24.842107   -1.202811
-8.65E-06   -1.1298836   -46.461570
0.57739   -1.075992  -24.842107   -1.202811
-8.65E-06   -0.753744   -37.039266
0.71826   -1.075992  -24.842107   -1.202811
-8.65E-06   -0.249158   -28.008150
0.85913   -1.075992  -24.842107   -1.202811
-8.65E-06   -0.110466   -20.865948
1.00000   -1.075992  -24.842107   -1.202811
-8.65E-06   -0.327150   -16.640885

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    5.489227   21.984492    0.796521
0.003045    0.831824   63.458910
0.57739    5.489227   21.984492    0.796521
0.003045    0.497959   56.479720
0.71826    5.489227   21.984492    0.796521
0.003045    0.164058   58.049043
0.85913    5.489227   21.984492    0.796521
0.003045    0.472221   76.298252
1.00000    5.489227   21.984492    0.796521
0.003045    1.377082   98.599415

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -2.624090  -78.391761   -2.177597
-0.003322   -2.274234   -63.972550
0.57739   -2.624090  -78.391761   -2.177597
-0.003322   -1.360658   -33.133853
0.71826   -2.624090  -78.391761   -2.177597
-0.003322   -0.448054   17.864781
0.85913   -2.624090  -78.391761   -2.177597
-0.003322   -0.176455   -12.853485
1.00000   -2.624090  -78.391761   -2.177597
-0.003322   -0.507768   -9.514289

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    9.154302   23.985013    1.323750
0.004336    1.381746   63.451159
0.57739    9.154302   23.985013    1.323750
0.004336    0.826628   55.369090
0.71826    9.154302   23.985013    1.323750
0.004336    0.271314   55.007068
0.85913    9.154302   23.985013    1.323750
0.004336    0.661663   70.185509
1.00000    9.154302   23.985013    1.323750
0.004336    1.942848   93.242813

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -2.945453  -97.260711   -3.070876
-0.003007   -3.206723   -104.733906
0.57739   -2.945453  -97.260711   -3.070876
-0.003007   -1.918431   -66.724544
0.71826   -2.945453  -97.260711   -3.070876
-0.003007   -0.630196   -42.872404
0.85913   -2.945453  -97.260711   -3.070876
-0.003007   -0.289310   -28.531297
1.00000   -2.945453  -97.260711   -3.070876
-0.003007   -0.842227   -18.776029
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3021

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    8.314524   39.434374    1.519586
0.003308    1.586130   78.176086
0.57739    8.314524   39.434374    1.519586
0.003308    0.948545   63.205498
0.71826    8.314524   39.434374    1.519586
0.003308    0.311520   53.481500
0.85913    8.314524   39.434374    1.519586
0.003308    0.736310   57.914802
1.00000    8.314524   39.434374    1.519586
0.003308    2.175926   77.584984

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -5.491492  -91.735098   -3.441580
-0.003401   -3.596464   -105.916543
0.57739   -5.491492  -91.735098   -3.441580
-0.003401   -2.152583   -69.714269
0.71826   -5.491492  -91.735098   -3.441580
-0.003401   -0.708707   -43.242528
0.85913   -5.491492  -91.735098   -3.441580
-0.003401   -0.328673   -24.419164
1.00000   -5.491492  -91.735098   -3.441580
-0.003401   -0.964384   -22.655069

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    0.607960   42.164103    0.711962
6.24E-06    0.742748   43.873214
0.57739    0.607960   42.164103    0.711962
6.24E-06    0.443497   26.812623
0.71826    0.607960   42.164103    0.711962
6.24E-06    0.145740   10.421635
0.85913    0.607960   42.164103    0.711962
6.24E-06    0.298279    2.580615
1.00000    0.607960   42.164103    0.711962
6.24E-06    0.889794    3.854244

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -5.955325   -4.321782   -1.409832
-0.002634   -1.476005   -17.588395
0.57739   -5.955325   -4.321782   -1.409832
-0.002634   -0.884572   -16.435880
0.71826   -5.955325   -4.321782   -1.409832
-0.002634   -0.293148   -15.960784
0.85913   -5.955325   -4.321782   -1.409832
-0.002634   -0.151804   -21.706155
1.00000   -5.955325   -4.321782   -1.409832
-0.002634   -0.449631   -34.053307

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    5.336737   58.318064    1.005226
0.002755    1.047819   92.886472
0.57739    5.336737   58.318064    1.005226
0.002755    0.625648   70.160282
0.71826    5.336737   58.318064    1.005226
0.002755    0.205598   56.943698
0.85913    5.336737   58.318064    1.005226
0.002755    0.506075   72.451346
1.00000    5.336737   58.318064    1.005226
0.002755    1.462223   99.787969

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.576374  -81.579758   -2.307596
-0.007643   -2.410183   -65.311938
0.57739   -7.576374  -81.579758   -2.307596
-0.007643   -1.442201   -32.835573
0.71826   -7.576374  -81.579758   -2.307596
-0.007643   -0.474796   -17.449676
0.85913   -7.576374  -81.579758   -2.307596
-0.007643   -0.222922   -19.627499
1.00000   -7.576374  -81.579758   -2.307596
-0.007643   -0.639263   -31.574391
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3022

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    5.389010   56.657382    1.265320
0.002569    1.320518   94.037764
0.57739    5.389010   56.657382    1.265320
0.002569    0.789334   72.428427
0.71826    5.389010   56.657382    1.265320
0.002569    0.259808   59.381504
0.85913    5.389010   56.657382    1.265320
0.002569    0.657399   70.586878
1.00000    5.389010   56.657382    1.265320
0.002569    1.927921   93.959879

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.865432  -76.830659   -3.049436
-0.006023   -3.186982   -61.721955
0.57739   -7.865432  -76.830659   -3.049436
-0.006023   -1.908043   -31.880219
0.71826   -7.865432  -76.830659   -3.049436
-0.006023   -0.629647   -17.807617
0.85913   -7.865432  -76.830659   -3.049436
-0.006023   -0.276666   -19.124759
1.00000   -7.865432  -76.830659   -3.049436
-0.006023   -0.803316   -29.675930

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    7.426322   50.526969    1.535261
0.003385    1.602255   83.647052
0.57739    7.426322   50.526969    1.535261
0.003385    0.957981   64.273124
0.71826    7.426322   50.526969    1.535261
0.003385    0.314726   52.039637
0.85913    7.426322   50.526969    1.535261
0.003385    0.437195   60.006843
1.00000    7.426322   50.526969    1.535261
0.003385    2.193297   82.400966

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.151911  -87.046539   -3.469458
-0.005007   -3.626176   -98.279963
0.57739   -7.151911  -87.046539   -3.469458
-0.005007   -2.170860   -64.115143
0.71826   -7.151911  -87.046539   -3.469458
-0.005007   -0.715616   -66.796441
0.85913   -7.151911  -87.046539   -3.469458
-0.005007   -0.333615   -35.093045
1.00000   -7.151911  -87.046539   -3.469458
-0.005007   -0.974467   -37.631218

COMB      DB ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    9.840159   55.585338    0.861950
0.004907    0.899994  101.398794
0.57739    9.840159   55.585338    0.861950
0.004907    0.536388   79.942028
0.71826    9.840159   55.585338    0.861950
0.004907    0.176674   64.243665
0.85913    9.840159   55.585338    0.861950
0.004907    0.442761   79.341242
1.00000    9.840159   55.585338    0.861950
0.004907    1.299879  100.986112

COMB      DB ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.644822  -103.311897   -2.059152
-0.006921   -2.155576   -103.134754
0.57739   -7.644822  -103.311897   -2.059152
-0.006921   -1.291730   -73.796899
0.71826   -7.644822  -103.311897   -2.059152
-0.006921   -0.427921   -58.859649
0.85913   -7.644822  -103.311897   -2.059152
-0.006921   -0.184699   -45.200163
1.00000   -7.644822  -103.311897   -2.059152
-0.006921   -0.546418   -34.195483
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3023

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652   10.229794   58.318064    1.538976
0.004336    1.606190   94.037764
0.57739   10.229794   58.318064    1.538976
0.004336    0.960472   72.428427
0.71826   10.229794   58.318064    1.538976
0.004336    0.315169   59.381504
0.85913   10.229794   58.318064    1.538976
0.004336    0.744570   76.298252
1.00000   10.229794   58.318064    1.538976
0.004336    2.193297   99.787969

COMB      DL ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.865432  -104.559639   -3.469458
-0.007643   -3.626176   -119.697651
0.57739   -7.865432  -104.559639   -3.469458
-0.007643   -2.170860   -91.023834
0.71826   -7.865432  -104.559639   -3.469458
-0.007643   -0.715616   -66.796441
0.85913   -7.865432  -104.559639   -3.469458
-0.007643   -0.334008   -43.380285
1.00000   -7.865432  -104.559639   -3.469458
-0.007643   -0.977635   -37.631218

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    10.229794   58.318064    1.538976
0.004907    1.606190  101.398794
0.57739    10.229794   58.318064    1.538976
0.004907    0.960472   79.942028
0.71826    10.229794   58.318064    1.538976
0.004907    0.315169   64.243665
0.85913    10.229794   58.318064    1.538976
0.004907    0.744570   79.341242
1.00000    10.229794   58.318064    1.538976
0.004907    2.193297  100.986112

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.865432  -104.559639   -3.469458
-0.007643   -3.626176   -119.697651
0.57739   -7.865432  -104.559639   -3.469458
-0.007643   -2.170860   -91.023834
0.71826   -7.865432  -104.559639   -3.469458
-0.007643   -0.715616   -66.796441
0.85913   -7.865432  -104.559639   -3.469458
-0.007643   -0.334008   -45.200163
1.00000   -7.865432  -104.559639   -3.469458
-0.007643   -0.977635   -37.631218

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43652    10.229794   58.318064    1.538976
0.004907    1.606190  101.398794
0.57739    10.229794   58.318064    1.538976
0.004907    0.960472   79.942028
0.71826    10.229794   58.318064    1.538976
0.004907    0.315169   64.243665
0.85913    10.229794   58.318064    1.538976
0.004907    0.744570   79.341242
1.00000    10.229794   58.318064    1.538976
0.004907    2.193297  100.986112

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43652   -7.865432  -104.559639   -3.469458
-0.007643   -3.626176   -119.697651
0.57739   -7.865432  -104.559639   -3.469458
-0.007643   -2.170860   -91.023834
0.71826   -7.865432  -104.559639   -3.469458
-0.007643   -0.715616   -66.796441
0.85913   -7.865432  -104.559639   -3.469458
-0.007643   -0.334008   -45.200163
1.00000   -7.865432  -104.559639   -3.469458
-0.007643   -0.977635   -37.631218
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   3024

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      281 ================== LENGTH
=    2.977081

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    5.092243    4.427948    0.405868
0.001383    0.255354    4.435514
0.14083    5.092243    4.427948    0.405868
0.001383    0.085173   13.502432
0.28167    5.092243    4.427948    0.405868
0.001383    0.146551   23.250812
0.42250    5.092243    4.427948    0.405868
0.001383    0.435195   33.265568
0.56333    5.092243    4.427948    0.405868
0.001383    0.729840   43.388590

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.585329  -24.629109   -0.695599
-4.18E-06   -0.436737   -9.269578
0.14083   -0.585329  -24.629109   -0.695599
-4.18E-06   -0.145117   -3.767654
0.28167   -0.585329  -24.629109   -0.695599
-4.18E-06   -0.053077   -5.452975
0.42250   -0.585329  -24.629109   -0.695599
-4.18E-06   -0.255152   -7.145397
0.56333   -0.585329  -24.629109   -0.695599
-4.18E-06   -0.425320   -8.891247

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.803801    8.199573    0.652793
0.002567    0.410902   12.511848
0.14083    7.803801    8.199573    0.652793
0.002567    0.137149   28.117391
0.28167    7.803801    8.199573    0.652793
0.002567    0.270600   44.712715
0.42250    7.803801    8.199573    0.652793
0.002567    0.810894   62.191237
0.56333    7.803801    8.199573    0.652793
0.002567    1.351185   80.098533

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -1.194257  -43.634999   -1.288646
-0.000105   -0.809983   -32.393255
0.14083   -1.194257  -43.634999   -1.288646
-0.000105   -0.270096   -20.479266
0.28167   -1.194257  -43.634999   -1.288646
-0.000105   -0.136411   -16.958733
0.42250   -1.194257  -43.634999   -1.288646
-0.000105   -0.410179   -14.809111
0.56333   -1.194257  -43.634999   -1.288646
-0.000105   -0.683880   -15.091097

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.884014   21.446510    0.768152
0.003012    0.483528   37.489610
0.14083    7.884014   21.446510    0.768152
0.003012    0.161352   51.503617
0.28167    7.884014   21.446510    0.768152
0.003012    0.372316   69.208618
0.42250    7.884014   21.446510    0.768152
0.003012    1.116224   88.265305
0.56333    7.884014   21.446510    0.768152
0.003012    1.860104  107.868518

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -2.343010  -48.721411   -1.774256
-3.76E-06   -1.115470   -21.778065
0.14083   -2.343010  -48.721411   -1.774256
-3.76E-06   -0.371590   -12.511787
0.28167   -2.343010  -48.721411   -1.774256
-3.76E-06   -0.160483   -11.076011
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
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F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-2.343010	-48.721411	-1.774256
-3.76E-06	-0.482657	-14.399282	
0.56333	-2.343010	-48.721411	-1.774256
-3.76E-06	-0.804723	-19.314338	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.655436	58.080853	0.822887
0.004860	0.518080	96.380510	
0.14083	8.655436	58.080853	0.822887
0.004860	0.172957	104.511971	
0.28167	8.655436	58.080853	0.822887
0.004860	0.418178	116.180555	
0.42250	8.655436	58.080853	0.822887
0.004860	1.253032	139.231467	
0.56333	8.655436	58.080853	0.822887
0.004860	2.087884	168.079285	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.108187	-71.046564	-1.991203
-0.002512	-1.251527	-19.829199	
0.14083	-5.108187	-71.046564	-1.991203
-0.002512	-0.424326	-15.312147	
0.28167	-5.108187	-71.046564	-1.991203
-0.002512	-0.171856	-17.687409	
0.42250	-5.108187	-71.046564	-1.991203
-0.002512	-0.516960	-24.018666	
0.56333	-5.108187	-71.046564	-1.991203
-0.002512	-0.861975	-41.833754	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.462489	1.878101	0.250607
0.001164	0.157861	11.826630	
0.14083	2.462489	1.878101	0.250607
0.001164	0.052724	19.050849	
0.28167	2.462489	1.878101	0.250607
0.001164	0.146755	26.749546	
0.42250	2.462489	1.878101	0.250607
0.001164	0.441080	34.625872	
0.56333	2.462489	1.878101	0.250607
0.001164	0.735402	42.609210	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.888865	-19.449754	-0.701986
-8.54E-06	-0.441889	-20.363815	
0.14083	-0.888865	-19.449754	-0.701986
-8.54E-06	-0.147582	-16.504659	
0.28167	-0.888865	-19.449754	-0.701986
-8.54E-06	-0.052210	-12.650956	
0.42250	-0.888865	-19.449754	-0.701986
-8.54E-06	-0.157348	-8.989641	
0.56333	-0.888865	-19.449754	-0.701986
-8.54E-06	-0.262424	-6.773093	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.629437	61.230675	0.434725
0.004913	0.273783	101.103700	
0.14083	3.629437	61.230675	0.434725
0.004913	0.091392	88.407973	
0.28167	3.629437	61.230675	0.434725
0.004913	0.285880	79.610539	
0.42250	3.629437	61.230675	0.434725
0.004913	0.857937	86.047172	
0.56333	3.629437	61.230675	0.434725
0.004913	1.429992	100.261292	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.347238	-35.513467	-1.364407
-0.002715	-0.858231	-11.892768	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	-4.347238	-35.513467	-1.364407
-0.002715	-0.296666	-9.046694	
0.28167	-4.347238	-35.513467	-1.364407
-0.002715	-0.090623	-6.577703	
0.42250	-4.347238	-35.513467	-1.364407
-0.002715	-0.273013	-7.852586	
0.56333	-4.347238	-35.513467	-1.364407
-0.002715	-0.455283	-24.749330	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.949048	58.221682	0.699015
0.005527	0.440092	94.892915	
0.14083	6.949048	58.221682	0.699015
0.005527	0.146880	90.677517	
0.28167	6.949048	58.221682	0.699015
0.005527	0.376202	90.519293	
0.42250	6.949048	58.221682	0.699015
0.005527	1.128190	104.251514	
0.56333	6.949048	58.221682	0.699015
0.005527	1.880198	125.097975	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.343391	-51.561071	-1.793611
-0.002454	-1.127635	-21.273809	
0.14083	-4.343391	-51.561071	-1.793611
-0.002454	-0.385307	-13.876523	
0.28167	-4.343391	-51.561071	-1.793611
-0.002454	-0.145921	-8.915372	
0.42250	-4.343391	-51.561071	-1.793611
-0.002454	-0.439133	-11.847354	
0.56333	-4.343391	-51.561071	-1.793611
-0.002454	-0.732212	-28.661876	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.179643	60.533961	0.826661
0.004096	0.520575	82.713164	
0.14083	7.179643	60.533961	0.826661
0.004096	0.173879	90.934080	
0.28167	7.179643	60.533961	0.826661
0.004096	0.442464	102.465123	
0.42250	7.179643	60.533961	0.826661
0.004096	1.272479	123.349009	
0.56333	7.179643	60.533961	0.826661
0.004096	2.120510	149.009173	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.966463	-63.786749	-2.022635
-0.002689	-1.271616	-24.069299	
0.14083	-5.966463	-63.786749	-2.022635
-0.002689	-0.429798	-25.442049	
0.28167	-5.966463	-63.786749	-2.022635
-0.002689	-0.172453	-28.939515	
0.42250	-5.966463	-63.786749	-2.022635
-0.002689	-0.519147	-39.259750	
0.56333	-5.966463	-63.786749	-2.022635
-0.002689	-0.865773	-58.935096	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.404201	36.946448	0.431786
2.30E-05	0.272175	3.308775	
0.14083	0.404201	36.946448	0.431786
2.30E-05	0.091135	-4.231746	
0.28167	0.404201	36.946448	0.431786
2.30E-05	0.172176	5.442669	
0.42250	0.404201	36.946448	0.431786
2.30E-05	0.516514	6.755667	
0.56333	0.404201	36.946448	0.431786
2.30E-05	0.860852	8.120911	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.093187	-3.355400	-0.821279
-0.002180	-0.516500	-26.062750	
0.14083	-5.093187	-3.355400	-0.821279
-0.002180	-0.172180	-39.044018	
0.28167	-5.093187	-3.355400	-0.821279
-0.002180	-0.089890	-53.725014	
0.42250	-5.093187	-3.355400	-0.821279
-0.002180	-0.270930	-68.731830	
0.56333	-5.093187	-3.355400	-0.821279
-0.002180	-0.451965	-84.013413	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.908294	101.585180	0.607090
0.004167	0.382570	97.564250	
0.14083	1.908294	101.585180	0.607090
0.004167	0.127981	74.262270	
0.28167	1.908294	101.585180	0.607090
0.004167	0.297370	54.578669	
0.42250	1.908294	101.585180	0.607090
0.004167	0.891260	52.898688	
0.56333	1.908294	101.585180	0.607090
0.004167	1.485154	61.453327	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.960000	-25.230590	-1.416495
-0.005584	-0.890423	-23.769386	
0.14083	-8.960000	-25.230590	-1.416495
-0.005584	-0.309287	-38.934110	
0.28167	-8.960000	-25.230590	-1.416495
-0.005584	-0.126444	-54.855561	
0.42250	-8.960000	-25.230590	-1.416495
-0.005584	-0.381034	-72.150638	
0.56333	-8.960000	-25.230590	-1.416495
-0.005584	-0.635569	-108.031853	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.138189	86.241247	0.741231
0.003875	0.467000	86.844853	
0.14083	3.138189	86.241247	0.741231
0.003875	0.156117	75.665281	
0.28167	3.138189	86.241247	0.741231
0.003875	0.394431	67.876652	
0.42250	3.138189	86.241247	0.741231
0.003875	1.183087	73.437473	
0.56333	3.138189	86.241247	0.741231
0.003875	1.971744	86.763242	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.577055	-35.011257	-1.881022
-0.004300	-1.182884	-21.875704	
0.14083	-8.577055	-35.011257	-1.881022
-0.004300	-0.402979	-35.652792	
0.28167	-8.577055	-35.011257	-1.881022
-0.004300	-0.154448	-50.408269	
0.42250	-8.577055	-35.011257	-1.881022
-0.004300	-0.465328	-68.052256	
0.56333	-8.577055	-35.011257	-1.881022
-0.004300	-0.776105	-97.954510	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.318175	74.266080	0.854757
0.004134	0.538450	75.876078	
0.14083	5.318175	74.266080	0.854757
0.004134	0.179960	72.741629	
0.28167	5.318175	74.266080	0.854757
0.004134	0.430272	72.801491	
0.42250	5.318175	74.266080	0.854757
0.004134	1.290617	84.091055	
0.56333	5.318175	74.266080	0.854757
0.004134	2.150960	101.888722	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.500798	-45.560225	-2.052002
-0.003570	-1.290416	-34.204595	
0.14083	-7.500798	-45.560225	-2.052002
-0.003570	-0.437316	-40.609421	
0.28167	-7.500798	-45.560225	-2.052002
-0.003570	-0.178179	-48.379384	
0.42250	-7.500798	-45.560225	-2.052002
-0.003570	-0.536668	-61.662289	
0.56333	-7.500798	-45.560225	-2.052002
-0.003570	-0.895044	-86.518208	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.630193	6.091963	0.776752
0.001539	0.488551	5.399726	
0.14083	6.630193	6.091963	0.776752
0.001539	0.162640	15.619608	
0.28167	6.630193	6.091963	0.776752
0.001539	0.284267	28.067662	
0.42250	6.630193	6.091963	0.776752
0.001539	0.853793	41.359590	
0.56333	6.630193	6.091963	0.776752
0.001539	1.422571	54.756555	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.045481	-33.077804	-1.356381
-2.14E-06	-0.851452	-9.569002	
0.14083	-1.045481	-33.077804	-1.356381
-2.14E-06	-0.282012	-5.960804	
0.28167	-1.045481	-33.077804	-1.356381
-2.14E-06	-0.162431	-7.126714	
0.42250	-1.045481	-33.077804	-1.356381
-2.14E-06	-0.488348	-9.163708	
0.56333	-1.045481	-33.077804	-1.356381
-2.14E-06	-0.814031	-11.299310	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.824890	10.129994	1.293959
0.002826	0.814389	13.320744	
0.14083	9.824890	10.129994	1.293959
0.002826	0.271675	31.034358	
0.28167	9.824890	10.129994	1.293959
0.002826	0.499634	51.309193	
0.42250	9.824890	10.129994	1.293959
0.002826	1.503344	73.475875	
0.56333	9.824890	10.129994	1.293959
0.002826	2.506197	96.703705	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.967888	-59.970453	-2.391136
-5.32E-05	-1.502247	-27.743102	
0.14083	-1.967888	-59.970453	-2.391136
-5.32E-05	-0.498747	-19.944588	
0.28167	-1.967888	-59.970453	-2.391136
-5.32E-05	-0.270184	-17.927660	
0.42250	-1.967888	-59.970453	-2.391136
-5.32E-05	-0.813015	-18.190368	
0.56333	-1.967888	-59.970453	-2.391136
-5.32E-05	-1.355600	-19.714204	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.803823	22.198670	1.456011
0.003202	0.917126	43.724803	
0.14083	9.803823	22.198670	1.456011
0.003202	0.306246	60.632294	
0.28167	9.803823	22.198670	1.456011
0.003202	0.640459	80.155842	
0.42250	9.803823	22.198670	1.456011
0.003202	1.925085	103.026976	
0.56333	9.803823	22.198670	1.456011
0.003202	3.209374	127.248984	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.995765	-62.940794	-3.062654
-1.08E-05	-1.923153	-20.830240	
0.14083	-2.995765	-62.940794	-3.062654
-1.08E-05	-0.638507	-14.588346	
0.28167	-2.995765	-62.940794	-3.062654
-1.08E-05	-0.304295	-13.509343	
0.42250	-2.995765	-62.940794	-3.062654
-1.08E-05	-0.915217	-18.678981	
0.56333	-2.995765	-62.940794	-3.062654
-1.08E-05	-1.525523	-25.388576	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.732345	54.030986	1.528128
0.004692	0.963821	89.090362	
0.14083	9.732345	54.030986	1.528128
0.004692	0.325628	100.475858	
0.28167	9.732345	54.030986	1.528128
0.004692	0.702798	115.256640	
0.42250	9.732345	54.030986	1.528128
0.004692	2.113922	139.640188	
0.56333	9.732345	54.030986	1.528128
0.004692	3.525000	168.620766	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.535129	-77.875520	-3.365154
-0.001879	-2.115793	-18.966043	
0.14083	-5.535129	-77.875520	-3.365154
-0.001879	-0.710081	-17.007795	
0.28167	-5.535129	-77.875520	-3.365154
-0.001879	-0.318785	-19.908717	
0.42250	-5.535129	-77.875520	-3.365154
-0.001879	-0.959376	-28.003274	
0.56333	-5.535129	-77.875520	-3.365154
-0.001879	-1.600269	-46.579885	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.812677	2.861002	0.515489
0.001254	0.324974	12.617533	
0.14083	2.812677	2.861002	0.515489
0.001254	0.108779	20.694318	
0.28167	2.812677	2.861002	0.515489
0.001254	0.238362	29.179497	
0.42250	2.812677	2.861002	0.515489
0.001254	0.718291	37.783513	
0.56333	2.812677	2.861002	0.515489
0.001254	1.198738	46.941221	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.161215	-24.659928	-1.144684
-5.00E-06	-0.719414	-16.644618	
0.14083	-1.161215	-24.659928	-1.144684
-5.00E-06	-0.239452	-13.713412	
0.28167	-1.161215	-24.659928	-1.144684
-5.00E-06	-0.107459	-11.654301	
0.42250	-1.161215	-24.659928	-1.144684
-5.00E-06	-0.323689	-11.694654	
0.56333	-1.161215	-24.659928	-1.144684
-5.00E-06	-0.539783	-8.298735	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.655831	55.953662	0.795897
0.004799	0.504635	98.610856	
0.14083	3.655831	55.953662	0.795897
0.004799	0.174588	88.845248	
0.28167	3.655831	55.953662	0.795897
0.004799	0.437365	80.818231	
0.42250	3.655831	55.953662	0.795897
0.004799	1.319010	85.227556	
0.56333	3.655831	55.953662	0.795897
0.004799	2.200853	96.047610	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.489970	-36.523007	-2.103989
-0.001944	-1.325054	-9.514623	
0.14083	-4.489970	-36.523007	-2.103989
-0.001944	-0.451618	-7.377827	
0.28167	-4.489970	-36.523007	-2.103989
-0.001944	-0.165819	-6.732850	
0.42250	-4.489970	-36.523007	-2.103989
-0.001944	-0.499362	-9.722112	
0.56333	-4.489970	-36.523007	-2.103989
-0.001944	-0.832979	-28.039296	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.976958	54.750175	1.317216
0.005555	0.832194	93.250645	
0.14083	7.976958	54.750175	1.317216
0.005555	0.283111	92.464634	
0.28167	7.976958	54.750175	1.317216
0.005555	0.618330	94.619912	
0.42250	7.976958	54.750175	1.317216
0.005555	1.863736	108.966301	
0.56333	7.976958	54.750175	1.317216
0.005555	3.108522	129.686962	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.837308	-59.576515	-2.969390
-0.001759	-1.868429	-18.778378	
0.14083	-4.837308	-59.576515	-2.969390
-0.001759	-0.630404	-13.612104	
0.28167	-4.837308	-59.576515	-2.969390
-0.001759	-0.274712	-11.181424	
0.42250	-4.837308	-59.576515	-2.969390
-0.001759	-0.827078	-14.970097	
0.56333	-4.837308	-59.576515	-2.969390
-0.001759	-1.379301	-33.202622	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.012888	57.895370	1.509546
0.003995	0.951916	77.585792	
0.14083	8.012888	57.895370	1.509546
0.003995	0.321196	88.392870	
0.28167	8.012888	57.895370	1.509546
0.003995	0.707981	102.457073	
0.42250	8.012888	57.895370	1.509546
0.003995	2.130526	124.450263	
0.56333	8.012888	57.895370	1.509546
0.003995	3.552518	150.673695	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.464730	-69.782279	-3.391855
-0.002240	-2.133254	-22.661439	
0.14083	-6.464730	-69.782279	-3.391855
-0.002240	-0.715205	-26.666205	
0.28167	-6.464730	-69.782279	-3.391855
-0.002240	-0.314644	-32.910725	
0.42250	-6.464730	-69.782279	-3.391855
-0.002240	-0.947319	-44.672726	
0.56333	-6.464730	-69.782279	-3.391855
-0.002240	-1.580473	-65.553917	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.788509	42.123166	0.704210
1.85E-05	0.442478	3.856524	
0.14083	0.788509	42.123166	0.704210
1.85E-05	0.148053	5.190799	
0.28167	0.788509	42.123166	0.704210
1.85E-05	0.308479	6.654931	
0.42250	0.788509	42.123166	0.704210
1.85E-05	0.927049	8.193391	
0.56333	0.788509	42.123166	0.704210
1.85E-05	1.545669	9.807099	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.637534	-4.676207	-1.475473
-0.002398	-0.928824	-34.065547	
0.14083	-5.637534	-4.676207	-1.475473
-0.002398	-0.310307	-50.417163	
0.28167	-5.637534	-4.676207	-1.475473
-0.002398	-0.146258	-67.343791	
0.42250	-5.637534	-4.676207	-1.475473
-0.002398	-0.440688	-84.531298	
0.56333	-5.637534	-4.676207	-1.475473
-0.002398	-0.736562	-101.977479	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.972894	107.288259	0.994254
0.004561	0.628703	99.816007	
0.14083	1.972894	107.288259	0.994254
0.004561	0.218175	77.315699	
0.28167	1.972894	107.288259	0.994254
0.004561	0.483183	55.693335	
0.42250	1.972894	107.288259	0.994254
0.004561	1.486778	51.108714	
0.56333	1.972894	107.288259	0.994254
0.004561	2.480787	56.107198	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.774459	-23.251841	-2.371092
-0.005223	-1.496229	-31.588219	
0.14083	-9.774459	-23.251841	-2.371092
-0.005223	-0.514371	-48.220176	
0.28167	-9.774459	-23.251841	-2.371092
-0.005223	-0.206146	-65.323981	
0.42250	-9.774459	-23.251841	-2.371092
-0.005223	-0.621585	-84.004031	
0.56333	-9.774459	-23.251841	-2.371092
-0.005223	-1.039188	-124.297689	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.459682	91.603639	1.257384
0.004276	0.794116	93.975069	
0.14083	3.459682	91.603639	1.257384
0.004276	0.271891	82.806715	
0.28167	3.459682	91.603639	1.257384
0.004276	0.638800	73.226059	
0.42250	3.459682	91.603639	1.257384
0.004276	1.923209	77.625549	
0.56333	3.459682	91.603639	1.257384
0.004276	3.207876	88.378907	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.410222	-34.840372	-3.065032
-0.004198	-1.930424	-29.688436	
0.14083	-9.410222	-34.840372	-3.065032
-0.004198	-0.654385	-44.590868	
0.28167	-9.410222	-34.840372	-3.065032
-0.004198	-0.262183	-60.701364	
0.42250	-9.410222	-34.840372	-3.065032
-0.004198	-0.778759	-79.580577	
0.56333	-9.410222	-34.840372	-3.065032
-0.004198	-1.315401	-113.778956	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.230248	79.540968	1.525152
0.004592	0.962385	82.411691	
0.14083	6.230248	79.540968	1.525152
0.004592	0.326799	79.872300	
0.28167	6.230248	79.540968	1.525152
0.004592	0.717703	79.514016	
0.42250	6.230248	79.540968	1.525152
0.004592	2.161269	91.412603	
0.56333	6.230248	79.540968	1.525152
0.004592	3.604620	109.404611	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3032

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.579643	-52.226472	-3.443154
-0.003491	-2.167516	-37.642626	
0.14083	-8.579643	-52.226472	-3.443154
-0.003491	-0.730895	-46.490028	
0.28167	-8.579643	-52.226472	-3.443154
-0.003491	-0.317662	-57.595483	
0.42250	-8.579643	-52.226472	-3.443154
-0.003491	-0.956285	-72.514427	
0.56333	-8.579643	-52.226472	-3.443154
-0.003491	-1.596153	-101.448119	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.655436	101.585180	0.854757
0.005527	0.538450	101.103700	
0.14083	8.655436	101.585180	0.854757
0.005527	0.179960	104.511971	
0.28167	8.655436	101.585180	0.854757
0.005527	0.430272	116.180555	
0.42250	8.655436	101.585180	0.854757
0.005527	1.290617	139.231467	
0.56333	8.655436	101.585180	0.854757
0.005527	2.150960	168.079285	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.960000	-71.046564	-2.052002
-0.005584	-1.090416	-34.204595	
0.14083	-8.960000	-71.046564	-2.052002
-0.005584	-0.437316	-40.609421	
0.28167	-8.960000	-71.046564	-2.052002
-0.005584	-0.178179	-54.855561	
0.42250	-8.960000	-71.046564	-2.052002
-0.005584	-0.536668	-72.150638	
0.56333	-8.960000	-71.046564	-2.052002
-0.005584	-0.895044	-108.031853	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.824890	107.288259	1.528128
0.005555	0.963821	99.816007	
0.14083	9.824890	107.288259	1.528128
0.005555	0.326799	100.475858	
0.28167	9.824890	107.288259	1.528128
0.005555	0.717703	115.239640	
0.42250	9.824890	107.288259	1.528128
0.005555	2.161269	139.640188	
0.56333	9.824890	107.288259	1.528128
0.005555	3.604620	168.620766	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.774459	-77.875520	-3.443154
-0.005223	-2.167516	-37.642626	
0.14083	-9.774459	-77.875520	-3.443154
-0.005223	-0.730895	-50.417163	
0.28167	-9.774459	-77.875520	-3.443154
-0.005223	-0.318785	-67.343791	
0.42250	-9.774459	-77.875520	-3.443154
-0.005223	-0.959376	-84.531298	
0.56333	-9.774459	-77.875520	-3.443154
-0.005223	-1.600269	-124.297689	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.824890	107.288259	1.528128
0.005555	0.963821	101.103700	
0.14083	9.824890	107.288259	1.528128
0.005555	0.326799	104.511971	
0.28167	9.824890	107.288259	1.528128
0.005555	0.717703	116.180555	
0.42250	9.824890	107.288259	1.528128
0.005555	2.161269	139.640188	
0.56333	9.824890	107.288259	1.528128
0.005555	3.604620	168.620766	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3033

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.774459	-77.875520	-3.443154
-0.005584	-2.167516	-37.642626	
0.14083	-9.774459	-77.875520	-3.443154
-0.005584	-0.730895	-50.417163	
0.28167	-9.774459	-77.875520	-3.443154
-0.005584	-0.318785	-67.343791	
0.42250	-9.774459	-77.875520	-3.443154
-0.005584	-0.959376	-84.531298	
0.56333	-9.774459	-77.875520	-3.443154
-0.005584	-1.600269	-124.297689	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.824890	107.288259	1.528128
0.005555	0.963821	101.103700	
0.14083	9.824890	107.288259	1.528128
0.005555	0.326799	104.511971	
0.28167	9.824890	107.288259	1.528128
0.005555	0.717703	116.180555	
0.42250	9.824890	107.288259	1.528128
0.005555	2.161269	139.640188	
0.56333	9.824890	107.288259	1.528128
0.005555	3.604620	168.620766	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.774459	-77.875520	-3.443154
-0.005584	-2.167516	-37.642626	
0.14083	-9.774459	-77.875520	-3.443154
-0.005584	-0.730895	-50.417163	
0.28167	-9.774459	-77.875520	-3.443154
-0.005584	-0.318785	-67.343791	
0.42250	-9.774459	-77.875520	-3.443154
-0.005584	-0.959376	-84.531298	
0.56333	-9.774459	-77.875520	-3.443154
-0.005584	-1.600269	-124.297689	

ELEM 282 ========== LENGTH = 2.977211

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	3.252040	8.647069	0.367983
0.001589	0.409962	2.011942	
0.57749	3.252040	8.647069	0.367983
0.001589	0.255666	1.498976	
0.71833	3.252040	8.647069	0.367983
0.001589	0.101369	1.259163	
0.85916	3.252040	8.647069	0.367983
0.001589	0.088698	1.198608	
1.00000	3.252040	8.647069	0.367983
0.001589	0.347268	1.226515	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.693543	-1.396046	-0.616631
-9.73E-06	-0.686959	-21.632966	
0.57749	-0.693543	-1.396046	-0.616631
-9.73E-06	-0.428412	-23.877057	
0.71833	-0.693543	-1.396046	-0.616631
-9.73E-06	-0.169865	-26.442164	
0.85916	-0.693543	-1.396046	-0.616631
-9.73E-06	-0.052809	-29.180398	
1.00000	-0.693543	-1.396046	-0.616631
-9.73E-06	-0.207221	-32.031768	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.336894	27.699411	0.588168
0.002762	0.655675	25.109607	
0.57749	4.336894	27.699411	0.588168
0.002762	0.409057	18.244838	
0.71833	4.336894	27.699411	0.588168
0.002762	0.162383	12.580823	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3034

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	4.336894	27.699411	0.588168
0.002762	0.153157	8.066253	
1.00000	4.336894	27.699411	0.588168
0.002762	0.608969	7.338914	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.128653	-4.509025	-1.087147
-0.000196	-1.214621	-34.172827	
0.57749	-6.128653	-4.509025	-1.087147
-0.000196	-0.758987	-37.418993	
0.71833	-6.128653	-4.509025	-1.087147
-0.000196	-0.303357	-41.467438	
0.85916	-6.128653	-4.509025	-1.087147
-0.000196	-0.084505	-47.224551	
1.00000	-6.128653	-4.509025	-1.087147
-0.000196	-0.330786	-54.012423	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	3.938957	81.579821	0.676568
0.002315	0.754866	161.724440	
0.57749	3.938957	81.579821	0.676568
0.002315	0.471176	131.690181	
0.71833	3.938957	81.579821	0.676568
0.002315	0.187376	102.212157	
0.85916	3.938957	81.579821	0.676568
0.002315	0.201362	73.135770	
1.00000	3.938957	81.579821	0.676568
0.002315	0.809451	47.586780	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.052093	-4.010896	-1.450215
-6.01E-06	-1.622873	-27.131358	
0.57749	-10.052093	-4.010896	-1.450215
-6.01E-06	-1.014809	-30.597873	
0.71833	-10.052093	-4.010896	-1.450215
-6.01E-06	-0.406754	-34.235391	
0.85916	-10.052093	-4.010896	-1.450215
-6.01E-06	-0.095912	-38.542603	
1.00000	-10.052093	-4.010896	-1.450215
-6.01E-06	-0.379860	-43.566875	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.394685	70.967587	0.723259
0.005153	0.807163	151.872541	
0.57749	10.394685	70.967587	0.723259
0.005153	0.503904	127.172218	
0.71833	10.394685	70.967587	0.723259
0.005153	0.200548	110.041364	
0.85916	10.394685	70.967587	0.723259
0.005153	-0.234998	105.672053	
1.00000	10.394685	70.967587	0.723259
0.005153	0.902011	112.777424	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.127148	-82.462793	-1.591919
-0.003878	-1.772106	-82.943201	
0.57749	-9.127148	-82.462793	-1.591919
-0.003878	-1.108592	-56.808105	
0.71833	-9.127148	-82.462793	-1.591919
-0.003878	-0.445153	-42.243930	
0.85916	-9.127148	-82.462793	-1.591919
-0.003878	-0.112090	-32.184216	
1.00000	-9.127148	-82.462793	-1.591919
-0.003878	-0.405882	-36.369932	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.721409	34.437501	0.216180
0.000902	0.241530	61.593552	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3035

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57749	0.721409	34.437501	0.216180
0.000902	0.150882	47.550366	
0.71833	0.721409	34.437501	0.216180
0.000902	0.060169	33.876551	
0.85916	0.721409	34.437501	0.216180
0.000902	0.073377	21.436009	
1.00000	0.721409	34.437501	0.216180
0.000902	0.301860	13.906260	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.263671	-1.933845	-0.544956
-1.37E-05	-0.612155	-10.531690	
0.57749	-7.263671	-1.933845	-0.544956
-1.37E-05	-0.383661	-10.957746	
0.71833	-7.263671	-1.933845	-0.544956
-1.37E-05	-0.155167	-11.461668	
0.85916	-7.263671	-1.933845	-0.544956
-1.37E-05	-0.030289	-12.513742	
1.00000	-7.263671	-1.933845	-0.544956
-1.37E-05	-0.121036	-14.416420	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.063773	82.524239	0.366315
0.005118	0.409587	194.786593	
0.57749	5.063773	82.524239	0.366315
0.005118	0.255986	161.839117	
0.71833	5.063773	82.524239	0.366315
0.005118	0.102257	138.913186	
0.85916	5.063773	82.524239	0.366315
0.005118	0.164756	130.527414	
1.00000	5.063773	82.524239	0.366315
0.005118	0.609588	126.302890	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.122830	-59.362388	-1.062460
-0.004339	-1.177942	-26.137004	
0.57749	-10.122830	-59.362388	-1.062460
-0.004339	-0.737895	-8.825241	
0.71833	-10.122830	-59.362388	-1.062460
-0.004339	-0.297945	-7.232538	
0.85916	-10.122830	-59.362388	-1.062460
-0.004339	-0.064272	-8.403354	
1.00000	-10.122830	-59.362388	-1.062460
-0.004339	-0.204779	-10.281686	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	6.611593	83.131897	0.607894
0.005807	0.678668	174.574063	
0.57749	6.611593	83.131897	0.607894
0.005807	0.423774	145.219621	
0.71833	6.611593	83.131897	0.607894
0.005807	0.168728	125.043210	
0.85916	6.611593	83.131897	0.607894
0.005807	0.216530	117.927912	
1.00000	6.611593	83.131897	0.607894
0.005807	0.819794	114.156601	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.217319	-54.629715	-1.440110
-0.003921	-1.600598	-37.854140	
0.57749	-11.217319	-54.629715	-1.440110
-0.003921	-1.001676	-24.698454	
0.71833	-11.217319	-54.629715	-1.440110
-0.003921	-0.402844	-25.937602	
0.85916	-11.217319	-54.629715	-1.440110
-0.003921	-0.097728	-29.744413	
1.00000	-11.217319	-54.629715	-1.440110
-0.003921	-0.340878	-34.266705	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3036

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.964000	70.593370	0.725114
0.004134	0.809509	148.914018	
0.57749	10.964000	70.593370	0.725114
0.004134	0.505434	124.445176	
0.71833	10.964000	70.593370	0.725114
0.004134	0.201277	106.064961	
0.85916	10.964000	70.593370	0.725114
0.004134	0.227156	96.304010	
1.00000	10.964000	70.593370	0.725114
0.004134	0.885403	97.898883	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.535522	-91.568253	-1.570853
-0.003764	-1.752663	-107.713436	
0.57749	-10.535522	-91.568253	-1.570853
-0.003764	-1.097230	-76.543689	
0.71833	-10.535522	-91.568253	-1.570853
-0.003764	-0.441884	-54.885357	
0.85916	-10.535522	-91.568253	-1.570853
-0.003764	-0.110235	-35.012587	
1.00000	-10.535522	-91.568253	-1.570853
-0.003764	-0.406618	-29.383897	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.094111	4.074141	0.383888
7.25E-06	0.428699	5.460887	
0.57749	8.094111	4.074141	0.383888
7.25E-06	0.267733	4.638407	
0.71833	8.094111	4.074141	0.383888
7.25E-06	0.106762	3.833468	
0.85916	8.094111	4.074141	0.383888
7.25E-06	0.076265	3.199231	
1.00000	8.094111	4.074141	0.383888
7.25E-06	0.314464	2.626551	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.087066	-62.743279	-0.568282
-0.001831	-0.638774	-126.362826	
0.57749	-2.087066	-62.743279	-0.568282
-0.001831	-0.400499	-100.095546	
0.71833	-2.087066	-62.743279	-0.568282
-0.001831	-0.162331	-73.850072	
0.85916	-2.087066	-62.743279	-0.568282
-0.001831	-0.054156	-47.608503	
1.00000	-2.087066	-62.743279	-0.568282
-0.001831	-0.215163	-21.701508	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.310036	28.367347	0.530511
0.005367	0.592688	79.785634	
0.57749	15.310036	28.367347	0.530511
0.005367	0.370243	70.627760	
0.71833	15.310036	28.367347	0.530511
0.005367	0.147757	73.385979	
0.85916	15.310036	28.367347	0.530511
0.005367	0.164656	93.512699	
1.00000	15.310036	28.367347	0.530511
0.005367	0.596079	113.949926	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.581516	-147.105768	-1.031048
-0.007447	-1.140135	-167.304079	
0.57749	-3.581516	-147.105768	-1.031048
-0.007447	-0.714436	-132.823285	
0.71833	-3.581516	-147.105768	-1.031048
-0.007447	-0.288942	-77.625398	
0.85916	-3.581516	-147.105768	-1.031048
-0.007447	-0.090729	-45.185654	
1.00000	-3.581516	-147.105768	-1.031048
-0.007447	-0.297090	-13.382738	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3037

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	12.744122	70.600341	0.641098
0.003991	0.716405	168.026194	
0.57749	12.744122	70.600341	0.641098
0.003991	0.447590	140.650678	
0.71833	12.744122	70.600341	0.641098
0.003991	0.178676	121.436774	
0.85916	12.744122	70.600341	0.641098
0.003991	0.205440	114.055168	
1.00000	12.744122	70.600341	0.641098
0.003991	0.788497	108.553655	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.140549	-120.774347	-1.392033
-0.005512	-1.551006	-147.404865	
0.57749	-9.140549	-120.774347	-1.392033
-0.005512	-0.971871	-102.521109	
0.71833	-9.140549	-120.774347	-1.392033
-0.005512	-0.392913	-70.733564	
0.85916	-9.140549	-120.774347	-1.392033
-0.005512	-0.100928	-40.928234	
1.00000	-9.140549	-120.774347	-1.392033
-0.005512	-0.358809	-11.877243	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.835284	69.720182	0.747865
0.004246	0.835182	146.085023	
0.57749	11.835284	69.720182	0.747865
0.004246	0.521598	121.196419	
0.71833	11.835284	69.720182	0.747865
0.004246	0.207906	103.463131	
0.85916	11.835284	69.720182	0.747865
0.004246	0.226003	95.779210	
1.00000	11.835284	69.720182	0.747865
0.004246	0.878848	91.174590	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.260391	-101.219940	-1.558273
-0.004572	-1.738654	-134.225586	
0.57749	-11.260391	-101.219940	-1.558273
-0.004572	-1.089030	-98.944752	
0.71833	-11.260391	-101.219940	-1.558273
-0.004572	-0.439550	-74.640637	
0.85916	-11.260391	-101.219940	-1.558273
-0.004572	-0.114460	-52.367251	
1.00000	-11.260391	-101.219940	-1.558273
-0.004572	-0.419107	-31.281537	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	3.994186	8.546741	0.695355
0.001790	0.775041	2.915166	
0.57749	3.994186	8.546741	0.695355
0.001790	0.483455	2.504263	
0.71833	3.994186	8.546741	0.695355
0.001790	0.191691	2.136435	
0.85916	3.994186	8.546741	0.695355
0.001790	0.173528	1.812693	
1.00000	3.994186	8.546741	0.695355
0.001790	0.682585	1.671678	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.287643	-1.170150	-1.213097
-7.11E-06	-1.351105	-24.549723	
0.57749	-1.287643	-1.170150	-1.213097
-7.11E-06	-0.842358	-26.830856	
0.71833	-1.287643	-1.170150	-1.213097
-7.11E-06	-0.332750	-29.198562	
0.85916	-1.287643	-1.170150	-1.213097
-7.11E-06	-0.099096	-31.660190	
1.00000	-1.287643	-1.170150	-1.213097
-7.11E-06	-0.391129	-34.368779	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3038

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.106997	26.444551	1.149539
0.002923	1.281977	24.572621	
0.57749	5.106997	26.444551	1.149539
0.002923	0.799908	18.369300	
0.71833	5.106997	26.444551	1.149539
0.002923	0.317845	12.775789	
0.85916	5.106997	26.444551	1.149539
0.002923	0.284642	8.010672	
1.00000	5.106997	26.444551	1.149539
0.002923	1.139626	6.798136	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.264142	-3.280500	-2.038714
-0.000133	-2.277631	-33.570082	
0.57749	-6.264142	-3.280500	-2.038714
-0.000133	-1.422710	-37.137920	
0.71833	-6.264142	-3.280500	-2.038714
-0.000133	-0.566654	-41.828848	
0.85916	-6.264142	-3.280500	-2.038714
-0.000133	-0.164137	-46.946735	
1.00000	-6.264142	-3.280500	-2.038714
-0.000133	-0.646273	-53.489346	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.861354	71.049948	1.277074
0.002505	1.425415	151.477946	
0.57749	4.861354	71.049948	1.277074
0.002505	0.890093	126.350498	
0.71833	4.861354	71.049948	1.277074
0.002505	0.354955	101.514345	
0.85916	4.861354	71.049948	1.277074
0.002505	0.349002	77.309574	
1.00000	4.861354	71.049948	1.277074
0.002505	1.411676	55.729497	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.527720	-4.044096	-2.533169
-1.72E-05	-2.832645	-28.753683	
0.57749	-9.527720	-4.044096	-2.533169
-1.72E-05	-1.770587	-32.010324	
0.71833	-9.527720	-4.044096	-2.533169
-1.72E-05	-0.707516	-35.832931	
0.85916	-9.527720	-4.044096	-2.533169
-1.72E-05	-0.181082	-39.986282	
1.00000	-9.527720	-4.044096	-2.533169
-1.72E-05	-0.717255	-45.107213	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.715432	61.791385	1.332961
0.004543	1.488107	144.380451	
0.57749	9.715432	61.791385	1.332961
0.004543	0.928943	124.183958	
0.71833	9.715432	61.791385	1.332961
0.004543	0.370345	110.300844	
0.85916	9.715432	61.791385	1.332961
0.004543	0.390743	106.315993	
1.00000	9.715432	61.791385	1.332961
0.004543	1.533614	111.680371	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.646501	-68.908153	-2.728351
-0.003461	-3.044762	-75.908795	
0.57749	-8.646501	-68.908153	-2.728351
-0.003461	-1.903324	-52.533899	
0.71833	-8.646501	-68.908153	-2.728351
-0.003461	-0.761027	-40.831695	
0.85916	-8.646501	-68.908153	-2.728351

-0.003461 -0.199770 -33.446225
1.00000 -8.646501 -68.908153 -2.728351
-0.003461 -0.754248 -37.706934
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3039

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.910905	28.885776	0.446154
0.000861	0.498476	54.438515	
0.57749	0.910905	28.885776	0.446154
0.000861	0.311453	43.269949	
0.71833	0.910905	28.885776	0.446154
0.000861	0.124418	32.409400	
0.85916	0.910905	28.885776	0.446154
0.000861	0.118442	22.044815	
1.00000	0.910905	28.885776	0.446154
0.000861	0.492244	14.117055	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.242721	-1.439322	-0.891889
-8.64E-06	-1.002210	-7.915040	
0.57749	-6.242721	-1.439322	-0.891889
-8.64E-06	-0.627686	-8.493774	
0.71833	-6.242721	-1.439322	-0.891889
-8.64E-06	-0.253912	-9.527490	
0.85916	-6.242721	-1.439322	-0.891889
-8.64E-06	0.063413	-10.803859	
1.00000	-6.242721	-1.439322	-0.891889
-8.64E-06	-0.250179	-12.860004	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.617355	69.763806	0.676528
0.004411	0.756398	179.972642	
0.57749	4.617355	69.763806	0.676528
0.004411	0.472802	153.414417	
0.71833	4.617355	69.763806	0.676528
0.004411	0.189560	135.956074	
0.85916	4.617355	69.763806	0.676528
0.004411	0.239979	130.243481	
1.00000	4.617355	69.763806	0.676528
0.004411	0.922203	126.737057	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.712176	-50.705443	-1.631562
-0.004119	-1.819926	-24.758511	
0.57749	-8.712176	-50.705443	-1.631562
-0.004119	-1.139927	-5.778235	
0.71833	-8.712176	-50.705443	-1.631562
-0.004119	-0.459642	-5.775750	
0.85916	-8.712176	-50.705443	-1.631562
-0.004119	-0.112208	-7.051065	
1.00000	-8.712176	-50.705443	-1.631562
-0.004119	-0.388942	-8.871829	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	6.554068	71.231417	1.144639
0.005299	1.278160	161.762159	
0.57749	6.554068	71.231417	1.144639
0.005299	0.798256	138.150526	
0.71833	6.554068	71.231417	1.144639
0.005299	0.318446	122.789165	
0.85916	6.554068	71.231417	1.144639
0.005299	0.346153	117.924781	
1.00000	6.554068	71.231417	1.144639
0.005299	1.350117	114.774413	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.094987	-46.717232	-2.397502
-0.003728	-2.675283	-37.210097	
0.57749	-10.094987	-46.717232	-2.397502
-0.003728	-1.673676	-23.688612	
0.71833	-10.094987	-46.717232	-2.397502
-0.003728	-0.670869	-25.424471	
0.85916	-10.094987	-46.717232	-2.397502
-0.003728	-0.651191	-29.206558	
1.00000	-10.094987	-46.717232	-2.397502
-0.003728	-0.651191	-33.669448	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3040

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.823534	60.469604	1.310916
0.003633	1.463956	137.943031	
0.57749	9.823534	60.469604	1.310916
0.003633	0.913950	117.935074	
0.71833	9.823534	60.469604	1.310916
0.003633	0.364620	103.082655	
0.85916	9.823534	60.469604	1.310916
0.003633	0.378738	95.128925	
1.00000	9.823534	60.469604	1.310916
0.003633	1.501011	96.620752	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.507169	-77.453583	-2.678926
-0.003521	-2.993655	-94.234542	
0.57749	-9.507169	-77.453583	-2.678926
-0.003521	-1.872624	-66.580694	
0.71833	-9.507169	-77.453583	-2.678926
-0.003521	-0.750805	-48.293347	
0.85916	-9.507169	-77.453583	-2.678926
-0.003521	-0.193902	-31.882591	
1.00000	-9.507169	-77.453583	-2.678926
-0.003521	-0.739972	-28.703339	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	6.641665	3.557690	0.610295
4.35E-06	0.681546	5.348449	
0.57749	6.641665	3.557690	0.610295
4.35E-06	0.424873	4.614298	
0.71833	6.641665	3.557690	0.610295
4.35E-06	0.169613	3.913530	
0.85916	6.641665	3.557690	0.610295
4.35E-06	0.149745	3.338425	
1.00000	6.641665	3.557690	0.610295
4.35E-06	0.604539	2.916468	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.939911	-53.580222	-1.084615
-0.002052	-1.214704	-113.735437	
0.57749	-1.939911	-53.580222	-1.084615
-0.002052	-0.759960	-91.716476	
0.71833	-1.939911	-53.580222	-1.084615
-0.002052	-0.305302	-69.715572	
0.85916	-1.939911	-53.580222	-1.084615
-0.002052	-0.084992	-47.780649	
1.00000	-1.939911	-53.580222	-1.084615
-0.002052	-0.340552	-26.058837	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.121269	23.445548	0.851560
0.005327	0.951153	75.220280	
0.57749	13.121269	23.445548	0.851560
0.005327	0.593180	68.764379	
0.71833	13.121269	23.445548	0.851560
0.005327	0.236748	74.744512	
0.85916	13.121269	23.445548	0.851560
0.005327	0.274158	96.936203	
1.00000	13.121269	23.445548	0.851560
0.005327	1.017350	119.292287	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-3.172936	-132.946224	-1.776505
-0.008159	-1.974903	-153.027225	
0.57749	-3.172936	-132.946224	-1.776505
-0.008159	-1.235422	-100.251926	
0.71833	-3.172936	-132.946224	-1.776505
-0.008159	-0.496015	-71.052832	
0.85916	-3.172936	-132.946224	-1.776505
-0.008159	-0.142964	-45.009003	
1.00000	-3.172936	-132.946224	-1.776505
-0.008159	-0.489554	-19.191922	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3041

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.195951	56.801507	1.075542
0.004106	1.202194	150.835111	
0.57749	11.195951	56.801507	1.075542
0.004106	0.750473	130.163613	
0.71833	11.195951	56.801507	1.075542
0.004106	0.300275	118.364231	
0.85916	11.195951	56.801507	1.075542
0.004106	0.336733	118.257367	
1.00000	11.195951	56.801507	1.075542
0.004106	1.305274	118.965738	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.922208	-109.912581	-2.314498
-0.006260	-2.583730	-134.718862	
0.57749	-7.922208	-109.912581	-2.314498
-0.006260	-1.616871	-91.433784	
0.71833	-7.922208	-109.912581	-2.314498
-0.006260	-0.650723	-65.123518	
0.85916	-7.922208	-109.912581	-2.314498
-0.006260	-0.167728	-41.150239	
1.00000	-7.922208	-109.912581	-2.314498
-0.006260	-0.611425	-17.414440	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.784927	57.778319	1.319491
0.004416	1.473854	131.245374	
0.57749	10.784927	57.778319	1.319491
0.004416	0.919884	112.067650	
0.71833	10.784927	57.778319	1.319491
0.004416	0.367244	100.847276	
0.85916	10.784927	57.778319	1.319491
0.004416	0.381459	99.532474	
1.00000	10.784927	57.778319	1.319491
0.004416	1.498166	99.968608	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-9.868335	-92.141151	-2.666560
-0.005202	-2.978825	-121.666729	
0.57749	-9.868335	-92.141151	-2.666560
-0.005202	-1.864177	-87.827306	
0.71833	-9.868335	-92.141151	-2.666560
-0.005202	-0.749026	-68.493993	
0.85916	-9.868335	-92.141151	-2.666560
-0.005202	-0.199927	-51.198045	
1.00000	-9.868335	-92.141151	-2.666560
-0.005202	-0.747294	-34.491603	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.310036	83.131897	0.747865
0.005807	0.835182	194.786593	
0.57749	15.310036	83.131897	0.747865
0.005807	0.521598	161.839117	
0.71833	15.310036	83.131897	0.747865
0.005807	0.207906	138.913186	
0.85916	15.310036	83.131897	0.747865
0.005807	0.234998	130.527414	
1.00000	15.310036	83.131897	0.747865
0.005807	0.902011	126.302890	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.260391	-147.105768	-1.591919
-0.007447	-1.772106	-167.304079	
0.57749	-11.260391	-147.105768	-1.591919
-0.007447	-1.108592	-112.923285	
0.71833	-11.260391	-147.105768	-1.591919
-0.007447	-0.445153	-77.625398	
0.85916	-11.260391	-147.105768	-1.591919
-0.007447	-0.114480	-52.367251	
1.00000	-11.260391	-147.105768	-1.591919
-0.007447	-0.419107	-54.012423	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3042

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.121269	71.231417	1.332961
0.005327	1.488107	179.972642	
0.57749	13.121269	71.231417	1.332961
0.005327	0.928943	153.414417	
0.71833	13.121269	71.231417	1.332961
0.005327	0.370345	135.956074	
0.85916	13.121269	71.231417	1.332961
0.005327	0.390743	130.243481	
1.00000	13.121269	71.231417	1.332961
0.005327	1.533614	126.737057	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.094987	-132.946224	-2.728351
-0.008159	-3.044762	-153.027225	
0.57749	-10.094987	-132.946224	-2.728351
-0.008159	-1.903324	-100.251926	
0.71833	-10.094987	-132.946224	-2.728351
-0.008159	-0.761027	-71.052832	
0.85916	-10.094987	-132.946224	-2.728351
-0.008159	-0.199927	-51.198045	
1.00000	-10.094987	-132.946224	-2.728351
-0.008159	-0.754248	-53.489346	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.310036	83.131897	1.332961
0.005807	1.488107	194.786593	
0.57749	15.310036	83.131897	1.332961
0.005807	0.928943	161.839117	
0.71833	15.310036	83.131897	1.332961
0.005807	0.370345	138.913186	
0.85916	15.310036	83.131897	1.332961
0.005807	0.390743	130.527414	
1.00000	15.310036	83.131897	1.332961
0.005807	1.533614	126.737057	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.310036	83.131897	1.332961
0.005807	1.488107	194.786593	
0.57749	15.310036	83.131897	1.332961
0.005807	0.928943	161.839117	
0.71833	15.310036	83.131897	1.332961
0.005807	0.370345	138.913186	
0.85916	15.310036	83.131897	1.332961
0.005807	0.390743	130.527414	
1.00000	15.310036	83.131897	1.332961
0.005807	1.533614	126.737057	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.260391	-147.105768	-2.728351
-0.008159	-3.044762	-167.304079	
0.57749	-11.260391	-147.105768	-2.728351
-0.008159	-1.903324	-112.923285	
0.71833	-11.260391	-147.105768	-2.728351
-0.008159	-0.761027	-77.625398	
0.85916	-11.260391	-147.105768	-2.728351
-0.008159	-0.199927	-52.367251	
1.00000	-11.260391	-147.105768	-2.728351
-0.008159	-0.754248	-54.012423	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3043

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 283 ========== LENGTH = 2.977332

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.249649	8.620039	0.354196
0.001071	0.195528	1.226871	
0.14084	3.249649	8.620039	0.354196
0.001071	0.046892	1.321576	
0.28168	3.249649	8.620039	0.354196
0.001071	0.195594	1.430413	
0.42253	3.249649	8.620039	0.354196
0.001071	0.396963	1.568365	
0.56337	3.249649	8.620039	0.354196
0.001071	0.629497	1.718729	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.695596	-1.337342	-0.554550
-6.67E-06	-0.300676	-32.043054	
0.14084	-0.695596	-1.337342	-0.554550
-6.67E-06	-0.068174	-34.976303	
0.28168	-0.695596	-1.337342	-0.554550
-6.67E-06	-0.101530	-38.160569	
0.42253	-0.695596	-1.337342	-0.554550
-6.67E-06	-0.250056	-41.444375	
0.56337	-0.695596	-1.337342	-0.554550
-6.67E-06	-0.398582	-44.767546	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.219109	29.069690	0.569075
0.002027	0.314746	7.344338	
0.14084	4.219109	29.069690	0.569075
0.002027	0.076487	6.473830	
0.28168	4.219109	29.069690	0.569075
0.002027	0.295341	5.886256	
0.42253	4.219109	29.069690	0.569075
0.002027	0.719486	5.869395	
0.56337	4.219109	29.069690	0.569075
0.002027	1.143655	6.288703	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.169316	-2.652801	-1.012072
-0.000177	-0.554194	-54.353184	
0.14084	-6.169316	-2.652801	-1.012072
-0.000177	-0.129816	-61.649536	
0.28168	-6.169316	-2.652801	-1.012072
-0.000177	-0.162679	-70.593278	
0.42253	-6.169316	-2.652801	-1.012072
-0.000177	-0.401331	-80.330817	
0.56337	-6.169316	-2.652801	-1.012072
-0.000177	-0.639960	-91.265742	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.965078	80.276412	0.656253
0.002223	0.362573	47.552420	
0.14084	3.965078	80.276412	0.656253
0.002223	0.087122	32.784206	
0.28168	3.965078	80.276412	0.656253
0.002223	0.398785	29.371875	
0.42253	3.965078	80.276412	0.656253
0.002223	0.975585	28.586509	
0.56337	3.965078	80.276412	0.656253
0.002223	1.552388	28.707876	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.935782	-4.156897	-1.375643
-6.00E-06	-0.755091	-43.581869	
0.14084	-9.935782	-4.156897	-1.375643
-6.00E-06	-0.178281	-48.874367	
0.28168	-9.935782	-4.156897	-1.375643
-6.00E-06	-0.187697	-66.918368	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3044

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-9.935782	-4.156897	-1.375643
-6.00E-06	-0.462976	-98.070327	
0.56337	-9.935782	-4.156897	-1.375643
-6.00E-06	-0.738168	-130.756790	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.999550	104.616131	0.703689
0.004924	0.392878	112.958190	
0.14084	7.999550	104.616131	0.703689
0.004924	0.107137	101.422209	
0.28168	7.999550	104.616131	0.703689
0.004924	0.441918	99.186672	
0.42253	7.999550	104.616131	0.703689
0.004924	1.083444	108.142638	
0.56337	7.999550	104.616131	0.703689
0.004924	1.725045	125.609150	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.578428	-46.859757	-1.538294
-0.003774	-0.860408	-36.383013	
0.14084	-10.578428	-46.859757	-1.538294
-0.003774	-0.215673	-40.789946	
0.28168	-10.578428	-46.859757	-1.538294
-0.003774	-0.200959	-56.011220	
0.42253	-10.578428	-46.859757	-1.538294
-0.003774	-0.496112	-81.558325	
0.56337	-10.578428	-46.859757	-1.538294
-0.003774	-0.791186	-119.657303	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.732485	33.905649	0.211250
0.000845	0.116860	13.890155	
0.14084	0.732485	33.905649	0.211250
0.000845	0.028178	11.259018	
0.28168	0.732485	33.905649	0.211250
0.000845	0.152904	11.191389	
0.42253	0.732485	33.905649	0.211250
0.000845	0.377924	11.590613	
0.56337	0.732485	33.905649	0.211250
0.000845	0.602961	12.142771	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.209061	-1.972242	-0.536673
-1.01E-05	-0.297226	-14.420980	
0.14084	-7.209061	-1.972242	-0.536673
-1.01E-05	-0.072200	-20.457594	
0.28168	-7.209061	-1.972242	-0.536673
-1.01E-05	-0.060259	-31.081910	
0.42253	-7.209061	-1.972242	-0.536673
-1.01E-05	-0.148884	-43.904905	
0.56337	-7.209061	-1.972242	-0.536673
-1.01E-05	-0.237471	-57.437863	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.714137	128.837194	0.359300
0.005400	0.203850	126.572876	
0.14084	1.714137	128.837194	0.359300
0.005400	0.066083	89.397485	
0.28168	1.714137	128.837194	0.359300
0.005400	0.296241	64.439803	
0.42253	1.714137	128.837194	0.359300
0.005400	0.730760	54.702946	
0.56337	1.714137	128.837194	0.359300
0.005400	1.165380	56.578018	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.140753	-9.759463	-1.047625
-0.004591	-0.598961	-10.284507	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3045

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-12.140753	-9.759463	-1.047625
-0.004591	-0.160118	-12.238439	
0.28168	-12.140753	-9.759463	-1.047625
-0.004591	-0.102495	-28.602645	
0.42253	-12.140753	-9.759463	-1.047625
-0.004591	-0.253268	-58.320018	
0.56337	-12.140753	-9.759463	-1.047625
-0.004591	-0.403937	-105.092055	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.588494	124.866986	0.591769
0.005717	0.331730	114.401271	
0.14084	3.588494	124.866986	0.591769
0.005717	0.095145	80.923937	
0.28168	3.588494	124.866986	0.591769
0.005717	0.397393	58.399169	
0.42253	3.588494	124.866986	0.591769
0.005717	0.975515	49.616493	
0.56337	3.588494	124.866986	0.591769
0.005717	1.553729	51.643266	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.027572	-9.818040	-1.388981
-0.004149	-0.782516	-34.279134	
0.14084	-13.027572	-9.818040	-1.388981
-0.004149	-0.200448	-38.961169	
0.28168	-13.027572	-9.818040	-1.388981
-0.004149	-0.169058	-57.177801	
0.42253	-13.027572	-9.818040	-1.388981
-0.004149	-0.417342	-87.202573	
0.56337	-13.027572	-9.818040	-1.388981
-0.004149	-0.665493	-132.664038	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.058365	97.641819	0.707836
0.004089	0.394811	98.028589	
0.14084	9.058365	97.641819	0.707836
0.004089	0.105532	95.901188	
0.28168	9.058365	97.641819	0.707836
0.004089	0.442089	103.734625	
0.42253	9.058365	97.641819	0.707836
0.004089	1.087857	121.135032	
0.56337	9.058365	97.641819	0.707836
0.004089	1.733695	146.004091	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.685350	-63.080199	-1.546778
-0.003598	-0.865023	-29.399682	
0.14084	-11.685350	-63.080199	-1.546778
-0.003598	-0.216608	-33.758588	
0.28168	-11.685350	-63.080199	-1.546778
-0.003598	-0.201708	-49.243242	
0.42253	-11.685350	-63.080199	-1.546778
-0.003598	-0.498629	-75.070933	
0.56337	-11.685350	-63.080199	-1.546778
-0.003598	-0.795433	-111.304023	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.180196	3.990967	0.377942
1.89E-05	0.209927	2.628396	
0.14084	8.180196	3.990967	0.377942
1.89E-05	0.051408	7.057599	

0.28168 8.180196 3.990967 0.377942
1.89E-05 0.170291 33.287790
0.42253 8.180196 3.990967 0.377942
1.89E-05 0.422722 59.835923
0.56337 8.180196 3.990967 0.377942
1.89E-05 0.675156 86.440292
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3046

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.063472 -63.648474 -0.602004
-0.001624 -0.334614 -21.739360
0.14084 -2.063472 -63.648474 -0.602004
-0.001624 -0.082172 -11.995225
0.28168 -2.063472 -63.648474 -0.602004
-0.001624 -0.107040 -11.862001
0.42253 -2.063472 -63.648474 -0.602004
-0.001624 -0.265530 -12.698476
0.56337 -2.063472 -63.648474 -0.602004
-0.001624 -0.424013 -14.063014

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.305136 85.927256 0.522482
0.005294 0.296190 114.318124
0.14084 11.305136 85.927256 0.522482
0.005294 0.298982 101.319835
0.28168 11.305136 85.927256 0.522482
0.005294 0.298809 105.897572
0.42253 11.305136 85.927256 0.522482
0.005294 0.739064 127.395454
0.56337 11.305136 85.927256 0.522482
0.005294 1.179460 162.288251

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.124884 -87.712369 -1.063832
-0.007362 -0.613547 -13.424474
0.14084 -6.124884 -87.712369 -1.063832
-0.007362 -0.167956 -10.482649
0.28168 -6.124884 -87.712369 -1.063832
-0.007362 -0.148196 -10.960106
0.42253 -6.124884 -87.712369 -1.063832
-0.007362 -0.367329 -17.212661
0.56337 -6.124884 -87.712369 -1.063832
-0.007362 -0.586424 -44.719998

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.044525 109.212349 0.630316
0.004341 0.353675 108.780714
0.14084 10.044525 109.212349 0.630316
0.004341 0.100121 96.644583
0.28168 10.044525 109.212349 0.630316
0.004341 0.400272 105.729471
0.42253 10.044525 109.212349 0.630316
0.004341 0.989879 127.791689
0.56337 10.044525 109.212349 0.630316
0.004341 1.579569 159.583046

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.803976 -80.449385 -1.415587
-0.005399 -0.800794 -11.913680
0.14084 -10.803976 -80.449385 -1.415587
-0.005399 -0.207583 -9.976377
0.28168 -10.803976 -80.449385 -1.415587
-0.005399 -0.179109 -24.155076
0.42253 -10.803976 -80.449385 -1.415587
-0.005399 -0.443520 -49.874052
0.56337 -10.803976 -80.449385 -1.415587
-0.005399 -0.707832 -89.782915

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.608518 101.441400 0.732305
0.004289 0.409205 91.360877
0.14084 9.608518 101.441400 0.732305
0.004289 0.110936 81.416356
0.28168 9.608518 101.441400 0.732305
0.004289 0.442842 89.238654
0.42253 9.608518 101.441400 0.732305
0.004289 1.092558 107.984845
0.56337 9.608518 101.441400 0.732305
0.004289 1.742346 134.821651
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3047

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.616722 -67.900306 -1.557291
-0.004475 -0.874678 -31.320694
0.14084 -12.616722 -67.900306 -1.557291
-0.004475 -0.221945 -32.997971
0.28168 -12.616722 -67.900306 -1.557291
-0.004475 -0.208380 -47.751560
0.42253 -12.616722 -67.900306 -1.557291
-0.004475 -0.515552 -72.854945
0.56337 -12.616722 -67.900306 -1.557291
-0.004475 -0.822634 -109.950855

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.989033 8.523915 0.668649
0.001184 0.368647 1.672951
0.14084 3.989033 8.523915 0.668649
0.001184 0.087754 1.718851
0.28168 3.989033 8.523915 0.668649
0.001184 0.326251 1.816407
0.42253 3.989033 8.523915 0.668649
0.001184 0.795486 1.944256
0.56337 3.989033 8.523915 0.668649
0.001184 1.263961 2.116531

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.280629 -1.144487 -1.116934
-3.88E-06 -0.608417 -34.382803
0.14084 -1.280629 -1.144487 -1.116934
-3.88E-06 -0.140103 -37.308212
0.28168 -1.280629 -1.144487 -1.116934
-3.88E-06 -0.139787 -40.394955
0.42253 -1.280629 -1.144487 -1.116934
-3.88E-06 -0.472376 -43.507338
0.56337 -1.280629 -1.144487 -1.116934
-3.88E-06 -0.752790 -46.707672

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.039568 27.070272 1.110784
0.002153 0.613610 6.793274
0.14084 5.039568 27.070272 1.110784
0.002153 0.147358 6.039584
0.28168 5.039568 27.070272 1.110784
0.002153 0.557324 5.729534
0.42253 5.039568 27.070272 1.110784
0.002153 1.371198 5.821723
0.56337 5.039568 27.070272 1.110784
0.002153 2.184012 6.227520

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.277365 -2.208645 -1.937900
-0.000106 -1.064557 -53.513339
0.14084 -6.277365 -2.208645 -1.937900
-0.000106 -0.251442 -61.101514
0.28168 -6.277365 -2.208645 -1.937900
-0.000106 -0.317964 -69.680970
0.42253 -6.277365 -2.208645 -1.937900
-0.000106 -0.783953 -79.247320
0.56337 -6.277365 -2.208645 -1.937900
-0.000106 -1.249807 -89.786599

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.880550 69.822463 1.238097
0.002300 0.684452 55.694066
0.14084 4.880550 69.822463 1.238097
0.002300 0.163911 39.962897
0.28168 4.880550 69.822463 1.238097
0.002300 0.698513 32.171164
0.42253 4.880550 69.822463 1.238097
0.002300 1.721411 30.566965
0.56337 4.880550 69.822463 1.238097
0.002300 2.743391 30.376792
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3048

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.417436 -4.215142 -2.437477
-1.04E-05 -1.340874 -45.126943
0.14084 -9.417436 -4.215142 -2.437477
-1.04E-05 -0.318777 -50.695102
0.28168 -9.417436 -4.215142 -2.437477
-1.04E-05 -0.355241 -65.527586
0.42253 -9.417436 -4.215142 -2.437477
-1.04E-05 -0.874170 -91.776422
0.56337 -9.417436 -4.215142 -2.437477
-1.04E-05 -1.393200 -119.449050

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.057621 87.093100 1.298127
0.004445 0.727217 111.657760
0.14084 8.057621 87.093100 1.298127
0.004445 0.185256 101.501832
0.28168 8.057621 87.093100 1.298127
0.004445 0.757099 97.819383
0.42253 8.057621 87.093100 1.298127
0.004445 1.865068 105.846878
0.56337 8.057621 87.093100 1.298127
0.004445 2.972528 120.503486

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.880402 -42.310706 -2.646077
-0.003010 -1.469245 -37.724076
0.14084 -9.880402 -42.310706 -2.646077
-0.003010 -0.360375 -42.362225
0.28168 -9.880402 -42.310706 -2.646077
-0.003010 -0.371058 -54.808729
0.42253 -9.880402 -42.310706 -2.646077
-0.003010 -0.914820 -76.383420
0.56337 -9.880402 -42.310706 -2.646077
-0.003010 -1.459177 -109.633540

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.920118 28.391976 0.435918
0.000864 0.241426 14.099857
0.14084 0.920118 28.391976 0.435918
0.000864 0.058933 10.987094
0.28168 0.920118 28.391976 0.435918
0.000864 0.251569 10.309607
0.42253 0.920118 28.391976 0.435918
0.000864 0.627297 10.361852
0.56337 0.920118 28.391976 0.435918
0.000864 1.003678 10.673947

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.200523 -1.494945 -0.896201
-6.12E-06 -0.498162 -12.864983
0.14084 -6.200523 -1.494945 -0.896201
-6.12E-06 -0.122220 -17.039761
0.28168 -6.200523 -1.494945 -0.896201
-6.12E-06 -0.124454 -26.438743
0.42253 -6.200523 -1.494945 -0.896201
-6.12E-06 -0.307284 -37.155722
0.56337 -6.200523 -1.494945 -0.896201
-6.12E-06 -0.490071 -48.355721

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.016292 108.694159 0.664424
0.004975 0.382707 126.736446
0.14084 2.016292 108.694159 0.664424
0.004975 0.108469 91.907518
0.28168 2.016292 108.694159 0.664424
0.004975 0.457898 65.998803
0.42253 2.016292 108.694159 0.664424
0.004975 1.135447 56.316512
0.56337 2.016292 108.694159 0.664424
0.004975 1.813198 56.329828
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3049

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.640962 -9.151155 -1.624402
-0.003870 -0.918446 -8.875957
0.14084 -10.640962 -9.151155 -1.624402
-0.003870 -0.238856 -10.944091
0.28168 -10.640962 -9.151155 -1.624402
-0.003870 -0.189843 -24.580508
0.42253 -10.640962 -9.151155 -1.624402
-0.003870 -0.467922 -48.738293
0.56337 -10.640962 -9.151155 -1.624402
-0.003870 -0.746133 -90.283671

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.199974 106.375475 1.114509
0.005419 0.629302 114.780977
0.14084 4.199974 106.375475 1.114509
0.005419 0.165734 83.278976
0.28168 4.199974 106.375475 1.114509
0.005419 0.664792 60.051158
0.42253 4.199974 106.375475 1.114509
0.005419 1.642969 51.459116
0.56337 4.199974 106.375475 1.114509
0.005419 2.620615 51.759006

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.824504 -9.127339 -2.338599
-0.003502 -1.307169 -33.685550
0.14084 -11.824504 -9.127339 -2.338599
-0.003502 -0.327739 -38.430548
0.28168 -11.824504 -9.127339 -2.338599
-0.003502 -0.318773 -54.261000
0.42253 -11.824504 -9.127339 -2.338599
-0.003502 -0.785859 -79.297402
0.56337 -11.824504 -9.127339 -2.338599
-0.003502 -1.252878 -120.149520

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.478150 81.288912 1.281306
0.003705 0.716760 96.585823
0.14084 8.478150 81.288912 1.281306
0.003705 0.181622 94.440340
0.28168 8.478150 81.288912 1.281306
0.003705 0.751049 99.290269
0.42253 8.478150 81.288912 1.281306
0.003705 1.855417 114.426285
0.56337 8.478150 81.288912 1.281306
0.003705 2.959206 135.288968

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.507401 -55.729245 -2.636748
-0.003075 -1.465757 -28.721438
0.14084 -10.507401 -55.729245 -2.636748
-0.003075 -0.361116 -33.022567
0.28168 -10.507401 -55.729245 -2.636748
-0.003075 -0.365286 -46.462200
0.42253 -10.507401 -55.729245 -2.636748
-0.003075 -0.902112 -68.076984
0.56337 -10.507401 -55.729245 -2.636748
-0.003075 -1.439550 -99.555314

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.709820 3.446884 0.603006
1.46E-05 0.333785 2.919592
0.14084 6.709820 3.446884 0.603006
1.46E-05 0.081402 6.876271
0.28168 6.709820 3.446884 0.603006
1.46E-05 0.314620 27.673630
0.42253 6.709820 3.446884 0.603006
1.46E-05 0.777665 49.650073
0.56337 6.709820 3.446884 0.603006
1.46E-05 1.240857 72.004815
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3050

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.912894 -54.342011 -1.104501
-0.001717 -0.611787 -26.100467
0.14084 -1.912894 -54.342011 -1.104501
-0.001717 -0.148598 -12.872861
0.28168 -1.912894 -54.342011 -1.104501
-0.001717 -0.170211 -11.670252
0.42253 -1.912894 -54.342011 -1.104501
-0.001717 -0.422413 -12.122037
0.56337 -1.912894 -54.342011 -1.104501
-0.001717 -0.676039 -13.062869

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.482293 79.973923 0.843223
0.005593 0.487116 119.343549
0.14084 9.482293 79.973923 0.843223
0.005593 0.141232 103.243003
0.28168 9.482293 79.973923 0.843223
0.005593 0.507357 100.931621
0.42253 9.482293 79.973923 0.843223
0.005593 1.251456 115.367288
0.56337 9.482293 79.973923 0.843223
0.005593 1.995697 142.618623

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.003441 -74.714085 -1.786270
-0.007381 -1.014836 -19.240200
0.14084 -6.003441 -74.714085 -1.786270
-0.007381 -0.266899 -10.925453
0.28168 -6.003441 -74.714085 -1.786270
-0.007381 -0.237714 -10.673017
0.42253 -6.003441 -74.714085 -1.786270
-0.007381 -0.590260 -15.754459
0.56337 -6.003441 -74.714085 -1.786270
-0.007381 -0.944246 -44.607175

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.607581 96.897717 1.061215
0.004666 0.602483 118.972273
0.14084 8.607581 96.897717 1.061215
0.004666 0.162597 100.558349
0.28168 8.607581 96.897717 1.061215
0.004666 0.659329 100.268415
0.42253 8.607581 96.897717 1.061215
0.004666 1.656061 115.378434
0.56337 8.607581 96.897717 1.061215
0.004666 2.602662 140.231731

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.896864 -68.270039 -2.326090
-0.005634 -1.306724 -17.458219
0.14084 -9.896864 -68.270039 -2.326090
-0.005634 -0.333051 -10.650995
0.28168 -9.896864 -68.270039 -2.326090
-0.005634 -0.301185 -21.770520
0.42253 -9.896864 -68.270039 -2.326090
-0.005634 -0.745044 -40.878218
0.56337 -9.896864 -68.270039 -2.326090
-0.005634 -1.190351 -77.503343

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.639848 90.838494 1.293916
0.004640 0.728191 99.977219
0.14084 8.639848 90.838494 1.293916
0.004640 0.189833 84.873886
0.28168 8.639848 90.838494 1.293916
0.004640 0.753014 84.818491
0.42253 8.639848 90.838494 1.293916
0.004640 1.863241 97.697447
0.56337 8.639848 90.838494 1.293916
0.004640 2.973157 118.684977
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3051

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.486406 -57.613256 -2.653771
-0.004682 -1.483711 -34.538783
0.14084 -11.486406 -57.613256 -2.653771
-0.004682 -0.371964 -32.271854
0.28168 -11.486406 -57.613256 -2.653771
-0.004682 -0.368027 -44.886335
0.42253 -11.486406 -57.613256 -2.653771
-0.004682 -0.909799 -64.703605
0.56337 -11.486406 -57.613256 -2.653771
-0.004682 -1.452685 -99.296379

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.305136 128.837194 0.732305
0.005717 0.409205 126.572876
0.14084 11.305136 128.837194 0.732305
0.005717 0.110936 101.422209
0.28168 11.305136 128.837194 0.732305
0.005717 0.442842 105.897572
0.42253 11.305136 128.837194 0.732305
0.005717 1.092558 127.791689
0.56337 11.305136 128.837194 0.732305
0.005717 1.742346 162.288251

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.027572 -87.712369 -1.557291
-0.007362 -0.874678 -54.033184
0.14084 -13.027572 -87.712369 -1.557291
-0.007362 -0.221945 -61.649536
0.28168 -13.027572 -87.712369 -1.557291
-0.007362 -0.208380 -70.593278
0.42253 -13.027572 -87.712369 -1.557291
-0.007362 -0.515552 -98.070327
0.56337 -13.027572 -87.712369 -1.557291
-0.007362 -0.822634 -132.664038

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.482293 108.694159 1.298127
0.005593 0.728191 126.736446
0.14084 9.482293 108.694159 1.298127
0.005593 0.189833 103.243003
0.28168 9.482293 108.694159 1.298127
0.005593 0.757099 100.931621
0.42253 9.482293 108.694159 1.298127
0.005593 1.865068 115.377434
0.56337 9.482293 108.694159 1.298127
0.005593 2.973157 142.618623

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.824504 -74.714085 -2.653771
-0.007381 -1.483711 -53.513339
0.14084 -11.824504 -74.714085 -2.653771
-0.007381 -0.371964 -61.101514
0.28168 -11.824504 -74.714085 -2.653771
-0.007381 -0.371058 -69.680970
0.42253 -11.824504 -74.714085 -2.653771
-0.007381 -0.914820 -91.776422
0.56337 -11.824504 -74.714085 -2.653771
-0.007381 -1.459177 -120.149520

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.305136 128.837194 1.298127
0.005717 0.728191 126.736446
0.14084 11.305136 128.837194 1.298127
0.005717 0.189833 103.243003
0.28168 11.305136 128.837194 1.298127
0.005717 0.757099 105.897572
0.42253 11.305136 128.837194 1.298127
0.005717 1.865068 127.791689
0.56337 11.305136 128.837194 1.298127
0.005717 2.973157 162.288251
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3052

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.027572 -87.712369 -2.653771
-0.007381 -1.483711 -54.033184
0.14084 -13.027572 -87.712369 -2.653771
-0.007381 -0.371964 -61.649536
0.28168 -13.027572 -87.712369 -2.653771
-0.007381 -0.371058 -70.593278
0.42253 -13.027572 -87.712369 -2.653771
-0.007381 -0.914820 -98.070327
0.56337 -13.027572 -87.712369 -2.653771
-0.007381 -1.459177 -132.664038

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.305136 128.837194 1.298127
0.005717 0.728191 126.736446
0.14084 11.305136 128.837194 1.298127
0.005717 0.189833 103.243003
0.28168 11.305136 128.837194 1.298127
0.005717 0.757099 105.897572
0.42253 11.305136 128.837194 1.298127
0.005717 1.865068 127.791689
0.56337 11.305136 128.837194 1.298127
0.005717 2.973157 162.288251

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.027572 -87.712369 -2.653771
-0.007381 -1.483711 -54.033184
0.14084 -13.027572 -87.712369 -2.653771
-0.007381 -0.371964 -61.649536
0.28168 -13.027572 -87.712369 -2.653771
-0.007381 -0.371058 -70.593278
0.42253 -13.027572 -87.712369 -2.653771
-0.007381 -0.914820 -98.070327
0.56337 -13.027572 -87.712369 -2.653771
-0.007381 -1.459177 -132.664038

ELEM 284 ========== LENGTH
= 2.977533

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43660 1.031190 18.918276 0.375192
0.001127 0.416310 1.911501
0.57745 1.031190 18.918276 0.375192
0.001127 0.258961 1.701712
0.71830 1.031190 18.918276 0.375192
0.001127 0.101612 1.517657
0.85915 1.031190 18.918276 0.375192
0.001127 0.078179 1.393556
1.00000 1.031190 18.918276 0.375192
0.001127 0.297154 1.391277

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43660 -3.620400 -0.508141 -0.522119
-1.22E-05 -0.578719 -18.415335
0.57745 -3.620400 -0.508141 -0.522119
-1.22E-05 -0.359754 -25.380794
0.71830 -3.620400 -0.508141 -0.522119
-1.22E-05 -0.140805 -32.521595
0.85915 -3.620400 -0.508141 -0.522119

```
-1.22E-05   -0.055616   -39.755446
1.00000     -3.620400    -0.508141    -0.522119
-1.22E-05   -0.213087   -47.107568

COMB DB-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     1.643366    46.011437    0.598825
0.002051    0.664841    32.801620
0.57745     1.643366    46.011437    0.598825
0.002051    0.413705    24.026939
0.71830     1.643366    46.011437    0.598825
0.002051    0.162549    16.059973
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3053

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.85915     1.643366    46.011437    0.598825
0.002051    0.132237     9.254341
1.00000     1.643366    46.011437    0.598825
0.002051    0.508024     7.071936

COMB DB-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -8.329428   -2.822536   -0.896021
-0.000290   -0.995082   -21.976053
0.57745    -8.329428   -2.822536   -0.896021
-0.000290   -0.619415   -30.649739
0.71830    -8.329428   -2.822536   -0.896021
-0.000290   -0.244160   -40.843144
0.85915    -8.329428   -2.822536   -0.896021
-0.000290   -0.088892   -53.258041
1.00000    -8.329428   -2.822536   -0.896021
-0.000290   -0.339701   -67.580431

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     1.576896   100.073626    0.664659
0.001619    0.738381   181.486299
0.57745     1.576896   100.073626    0.664659
0.001619    0.459615   148.981931
0.71830     1.576896   100.073626    0.664659
0.001619    0.180800   116.774336
0.85915     1.576896   100.073626    0.664659
0.001619    0.172136    84.940981
1.00000     1.576896   100.073626    0.664659
0.001619    0.666718    55.899408

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660   -11.741749   -1.564041   -1.179250
-4.53E-05   -1.311513   -18.245538
0.57745   -11.741749   -1.564041   -1.179250
-4.53E-05   -0.816959   -26.713875
0.71830   -11.741749   -1.564041   -1.179250
-4.53E-05   -0.322418   -35.853285
0.85915   -11.741749   -1.564041   -1.179250
-4.53E-05   -0.154573   -46.492029
1.00000   -11.741749   -1.564041   -1.179250
-4.53E-05   -0.376598   -58.287100

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     8.381544    86.576411    0.711469
0.004727    0.790582   169.243956
0.57745     8.381544    86.576411    0.711469
0.004727    0.492198   142.794937
0.71830     8.381544    86.576411    0.711469
0.004727    0.193769   124.134257
0.85915     8.381544    86.576411    0.711469
0.004727    0.201468   118.380367
1.00000     8.381544    86.576411    0.711469
0.004727    0.739992   126.362126

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660   -10.108678   -86.414361   -1.286139
-0.004089   -1.417607   -79.007408
0.57745   -10.108678   -86.414361   -1.286139
-0.004089   -0.880286   -55.280427
0.71830   -10.108678   -86.414361   -1.286139
-0.004089   -0.350804   -43.963995
0.85915   -10.108678   -86.414361   -1.286139
-0.004089   -0.114217   -38.982750
1.00000   -10.108678   -86.414361   -1.286139
-0.004089   -0.402928   -48.855493

COMB DB-G2-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     0.479841    41.816874    0.206707
0.000676    0.229928    75.065090
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3054

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.57745     0.479841    41.816874    0.206707
0.000676    0.143229    58.087619
0.71830     0.479841    41.816874    0.206707
0.000676    0.056509    41.545612
0.85915     0.479841    41.816874    0.206707
0.000676    0.061208    25.580211
1.00000     0.479841    41.816874    0.206707
0.000676    0.241634    14.689378

COMB DB-G2-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -5.764779   -0.683010   -0.430118
-0.000161   -0.479905   -4.269239
0.57745    -5.764779   -0.683010   -0.430118
-0.000161   -0.299524   -14.427699
0.71830    -5.764779   -0.683010   -0.430118
-0.000161   -0.119159   -5.218453
0.85915    -5.764779   -0.683010   -0.430118
-0.000161   -0.029998   -7.854768
1.00000    -5.764779   -0.683010   -0.430118
-0.000161   -0.116821   -11.953236

COMB DB-G2-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     4.629305    91.131705    0.338209
0.005103    0.376416   217.992786
0.57745     4.629305    91.131705    0.338209
0.005103    0.234559   182.963254
0.71830     4.629305    91.131705    0.338209
0.005103    0.092644   157.721011
0.85915     4.629305    91.131705    0.338209
0.005103    0.142795   146.880118
1.00000     4.629305    91.131705    0.338209
0.005103    0.498937   139.215670

COMB DB-G2-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -8.523637   -59.246171   -0.851732
-0.004853   -0.929672   -20.903156
0.57745    -8.523637   -59.246171   -0.851732
-0.004853   -0.575495    -3.612107
0.71830    -8.523637   -59.246171   -0.851732
-0.004853   -0.231811    -3.151887
0.85915    -8.523637   -59.246171   -0.851732
-0.004853   -0.062486    -5.665609
1.00000    -8.523637   -59.246171   -0.851732
-0.004853   -0.190932    -9.469985

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     4.896394    98.660431    0.587644
0.005452    0.653159   196.266901
0.57745     4.896394    98.660431    0.587644
0.005452    0.406697   163.810471
0.71830     4.896394    98.660431    0.587644
0.005452    0.160162   141.807900
0.85915     4.896394    98.660431    0.587644
0.005452    0.187386   132.757018
1.00000     4.896394    98.660431    0.587644
0.005452    0.675524   126.032819

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660   -11.062354   -53.792816   -1.166199
-0.004377   -1.280814   -25.975608
0.57745   -11.062354   -53.792816   -1.166199
-0.004377   -0.794284   -17.286743
0.71830   -11.062354   -53.792816   -1.166199
-0.004377   -0.317416   -23.699127
0.85915   -11.062354   -53.792816   -1.166199
-0.004377   -0.098189   -32.946002
1.00000   -11.062354   -53.792816   -1.166199
-0.004377   -0.332626   -42.952410
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3055

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660    10.142425    82.896039    0.714151
0.003801    0.793842   167.420399
0.57745    10.142425    82.896039    0.714151
0.003801    0.494295   139.660231
0.71830    10.142425    82.896039    0.714151
0.003801    0.194717   119.087342
0.85915    10.142425    82.896039    0.714151
0.003801    0.191340   107.370224
1.00000    10.142425    82.896039    0.714151
0.003801    0.713811   111.786969

COMB DB-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -9.740302   -100.169182   -1.247681
-0.003777   -1.379304   -108.945515
0.57745    -9.740302   -100.169182   -1.247681
-0.003777   -0.857723   -77.424999
0.71830    -9.740302   -100.169182   -1.247681
-0.003777   -0.342542   -56.054458
0.85915    -9.740302   -100.169182   -1.247681
-0.003777   -0.113219   -36.489890
1.00000    -9.740302   -100.169182   -1.247681
-0.003777   -0.404136   -36.358703

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     9.663455    2.320801    0.391380
7.26E-06    0.435277    5.703822
0.57745     9.663455    2.320801    0.391380
7.26E-06    0.271139    4.879064
0.71830     9.663455    2.320801    0.391380
7.26E-06    0.106995    4.078361
0.85915     9.663455    2.320801    0.391380
7.26E-06    0.060575    3.304508
1.00000     9.663455    2.320801    0.391380
7.26E-06    0.236477    2.544426

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -0.854223   -80.146927   -0.423558
-0.001328   -0.474168   -150.240406
0.57745    -0.854223   -80.146927   -0.423558
-0.001328   -0.296539   -116.676959
0.71830    -0.854223   -80.146927   -0.423558
-0.001328   -0.119032   -83.137556
0.85915    -0.854223   -80.146927   -0.423558
-0.001328   -0.057093   -49.602346
1.00000    -0.854223   -80.146927   -0.423558
-0.001328   -0.221275   -16.086260

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660    16.343868    27.085956    0.526452
0.005651    0.585637    84.158724
0.57745    16.343868    27.085956    0.526452
0.005651    0.364847    76.219728
0.71830    16.343868    27.085956    0.526452
0.005651    0.144039    79.886609
0.85915    16.343868    27.085956    0.526452
0.005651    0.138468   100.631252
1.00000    16.343868    27.085956    0.526452
0.005651    0.472998   121.653971

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -2.133570   -168.027156   -0.801424
-0.007446   -0.871556   -90.481777
0.57745    -2.133570   -168.027156   -0.801424
-0.007446   -0.538893   -128.593789
0.71830    -2.133570   -168.027156   -0.801424
-0.007446   -0.219366   -86.519704
0.85915    -2.133570   -168.027156   -0.801424
-0.007446   -0.093186   -46.180595
1.00000    -2.133570   -168.027156   -0.801424
-0.007446   -0.297503   -5.952219
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3056

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660    13.946605    73.845596    0.622621
0.004040    0.692722   186.545154
0.57745    13.946605    73.845596    0.622621
0.004040    0.431594   158.017450
0.71830    13.946605    73.845596    0.622621
0.004040    0.170408   137.424905
0.85915    13.946605    73.845596    0.622621
0.004040    0.171168   128.555383
1.00000    13.946605    73.845596    0.622621
0.004040    0.624739   120.245892

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -6.942146   -138.049215   -1.084268
-0.005525   -1.194281   -168.924454
0.57745    -6.942146   -138.049215   -1.084268
-0.005525   -0.741918   -117.090622
0.71830    -6.942146   -138.049215   -1.084268
-0.005525   -0.298595   -78.882979
0.85915    -6.942146   -138.049215   -1.084268
-0.005525   -0.101785   -41.919052
1.00000    -6.942146   -138.049215   -1.084268
-0.005525   -0.351714    -5.107854

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660    12.099049    79.176015    0.736761
0.004028    0.819247   166.200332
0.57745    12.099049    79.176015    0.736761
0.004028    0.510249   136.843110
0.71830    12.099049    79.176015    0.736761
0.004028    0.201195   117.314273
0.85915    12.099049    79.176015    0.736761
0.004028    0.188990   107.782882
1.00000    12.099049    79.176015    0.736761
0.004028    0.701764   100.494546

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -9.227843   -114.989256   -1.224921
-0.004504   -1.353190   -143.676903
0.57745    -9.227843   -114.989256   -1.224921
-0.004504   -0.841434   -104.860029
0.71830    -9.227843   -114.989256   -1.224921
-0.004504   -0.337156    -77.848219
0.85915    -9.227843   -114.989256   -1.224921
-0.004504   -0.116820    -52.959121
1.00000    -9.227843   -114.989256   -1.224921
-0.004504   -0.416666    -29.052176

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     1.085301    21.676563    0.689115
0.001196    0.765043     2.292646
0.57745     1.085301    21.676563    0.689115
0.001196    0.476035     2.189941
0.71830     1.085301    21.676563    0.689115
0.001196    0.186834     2.105632
0.85915     1.085301    21.676563    0.689115
0.001196    0.161475     2.045043
1.00000     1.085301    21.676563    0.689115
0.001196    0.619469     2.079566

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -3.518599    -0.778119   -1.091053
-9.11E-06   -1.209875   -20.406838
0.57745    -3.518599    -0.778119   -1.091053
-9.11E-06   -0.752221   -28.917575
0.71830    -3.518599    -0.778119   -1.091053
-9.11E-06   -0.293632   -37.486662
0.85915    -3.518599    -0.778119   -1.091053
-9.11E-06   -0.101411   -46.070664
1.00000    -3.518599    -0.778119   -1.091053
-9.11E-06   -0.390873   -54.707674
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3057

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     1.698121    49.507824    1.138984
0.001988    1.264195    34.913991
0.57745     1.698121    49.507824    1.138984
0.001988    0.786440    25.541524
0.71830     1.698121    49.507824    1.138984
0.001988    0.308739    16.942916
0.85915     1.698121    49.507824    1.138984
0.001988    0.256699     9.832942
1.00000     1.698121    49.507824    1.138984
0.001988    0.998539     6.970405

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -7.915415   -2.165874   -1.767628
-0.000214   -1.964927   -23.185157
0.57745    -7.915415   -2.165874   -1.767628
-0.000214   -1.223522   -33.452038
0.71830    -7.915415   -2.165874   -1.767628
-0.000214   -0.481213   -45.415010
0.85915    -7.915415   -2.165874   -1.767628
-0.000214   -0.196563   -61.185022
1.00000    -7.915415   -2.165874   -1.767628
-0.000214   -0.646802   -75.043267

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     1.736889    96.136919    1.242784
0.001648    1.380893   181.191714
0.57745     1.736889    96.136919    1.242784
0.001648    0.859791   151.417129
0.71830     1.736889    96.136919    1.242784
0.001648    0.338623   122.038776
0.85915     1.736889    96.136919    1.242784
0.001648    0.306545    93.602387
1.00000     1.736889    96.136919    1.242784
0.001648    1.199536    68.145785

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660   -10.731698   -2.396618   -2.130079
-5.88E-05   -2.369842   -20.357167
0.57745   -10.731698   -2.396618   -2.130079
-5.88E-05   -1.476472   -29.873960
0.71830   -10.731698   -2.396618   -2.130079
-5.88E-05   -0.582576   -40.281460
0.85915   -10.731698   -2.396618   -2.130079
-5.88E-05   -0.182992   -52.135704
1.00000   -10.731698   -2.396618   -2.130079
-5.88E-05   -0.704764   -65.538425

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     7.355498    83.069917    1.295541
0.004022    1.439964   171.380194
0.57745     7.355498    83.069917    1.295541
0.004022    1.096263   147.703082
0.71830     7.355498    83.069917    1.295541
0.004022    0.353123   130.421325
0.85915     7.355498    83.069917    1.295541
0.004022    0.344211   124.387684
1.00000     7.355498    83.069917    1.295541
0.004022    1.302006   131.281624

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -9.251492   -74.703408   -2.287084
-0.003346   -2.533183   -73.146536
0.57745    -9.251492   -74.703408   -2.287084
-0.003346   -1.576296   -52.588686
0.71830    -9.251492   -74.703408   -2.287084
-0.003346   -0.622846   -44.855688
0.85915    -9.251492   -74.703408   -2.287084
-0.003346   -0.201151   -43.730831
1.00000    -9.251492   -74.703408   -2.287084
-0.003346   -0.739882   -54.947733
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3058

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     0.522801    38.502665    0.434311
0.000594    0.482164    72.927548
0.57745     0.522801    38.502665    0.434311
0.000594    0.300070    57.125067
0.71830     0.522801    38.502665    0.434311
0.000594    0.118155    41.813841
0.85915     0.522801    38.502665    0.434311
0.000594    0.099378    27.555811
1.00000     0.522801    38.502665    0.434311
0.000594    0.397896    16.240428

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -5.154024   -0.473604   -0.712603
-0.000159   -0.796230   -4.087539
0.57745    -5.154024   -0.473604   -0.712603
-0.000159   -0.496865   -4.243042
0.71830    -5.154024   -0.473604   -0.712603
-0.000159   -0.198257   -5.253423
0.85915    -5.154024   -0.473604   -0.712603
-0.000159   -0.065207   -7.554932
1.00000    -5.154024   -0.473604   -0.712603
-0.000159   -0.246961   -11.287518

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     4.098211    82.091996    0.639260
0.004405    0.711320   217.111001
0.57745     4.098211    82.091996    0.639260
0.004405    0.443247   185.378090
0.71830     4.098211    82.091996    0.639260
0.004405    0.175249   162.980989
0.85915     4.098211    82.091996    0.639260
0.004405    0.203985   152.288050
1.00000     4.098211    82.091996    0.639260
0.004405    0.747090   144.378114

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -7.514309   -50.620006   -1.300815
-0.004258   -1.434802   -21.796648
0.57745    -7.514309   -50.620006   -1.300815
-0.004258   -0.892857    -3.296905
0.71830    -7.514309   -50.620006   -1.300815
-0.004258   -0.356945    -3.161187
0.85915    -7.514309   -50.620006   -1.300815
-0.004258   -0.110840    -5.330307
1.00000    -7.514309   -50.620006   -1.300815
-0.004258   -0.371337    -8.840496

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     4.467115    93.145637    1.105480
0.004862    1.228876   195.001046
0.57745     4.467115    93.145637    1.105480
0.004862    0.765290   166.008438
0.71830     4.467115    93.145637    1.105480
0.004862    0.301544   146.864290
0.85915     4.467115    93.145637    1.105480
0.004862    0.301197   138.161646
1.00000     4.467115    93.145637    1.105480
0.004862    1.131071   131.354218

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660   -10.091533   -46.193598   -1.982551
-0.003843   -2.193802   -26.248355
0.57745   -10.091533   -46.193598   -1.982551
-0.003843   -1.365441   -17.409682
0.71830   -10.091533   -46.193598   -1.982551
-0.003843   -0.541854   -25.629094
0.85915   -10.091533   -46.193598   -1.982551
-0.003843   -0.177687   -35.658564
1.00000   -10.091533   -46.193598   -1.982551
-0.003843   -0.634852   -46.562715
Program  SAP2000    Nonlinear    Version   7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3059

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     8.900611    78.349223    1.272822
0.003218    1.414945   165.259784
0.57745     8.900611    78.349223    1.272822
0.003218    0.880836   140.519774
0.71830     8.900611    78.349223    1.272822
0.003218    0.347198   122.384434
0.85915     8.900611    78.349223    1.272822
0.003218    0.329601   111.706518
1.00000     8.900611    78.349223    1.272822
0.003218    1.256000   117.133505

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -8.849477   -89.134232   -2.212288
-0.003212   -2.453710   -98.864146
0.57745    -8.849477   -89.134232   -2.212288
-0.003212   -1.527851   -70.051014
0.71830    -8.849477   -89.134232   -2.212288
-0.003212   -0.604552   -52.087123
0.85915    -8.849477   -89.134232   -2.212288
-0.003212   -0.118425   -36.418017
1.00000    -8.849477   -89.134232   -2.212288
-0.003212   -0.725192   -39.453807

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660     8.391774    2.246857    0.601746
4.29E-06    0.668947    5.836087
0.57745     8.391774    2.246857    0.601746
4.29E-06    0.415875    5.089673
0.71830     8.391774    2.246857    0.601746
4.29E-06    0.164146    4.364762
0.85915     8.391774    2.246857    0.601746
4.29E-06    0.132595    3.663574
1.00000     8.391774    2.246857    0.601746
4.29E-06    0.508332    2.953867

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.43660    -0.712770   -75.613874   -0.897419
-0.001334   -0.997153   -145.851188
0.57745    -0.712770   -75.613874   -0.897419
-0.001334   -0.620849   -114.321119
0.71830    -0.712770   -75.613874   -0.897419
-0.001334   -0.244512   -82.817794
0.85915    -0.712770   -75.613874   -0.897419
-0.001334   -0.087212   -51.292918
1.00000    -0.712770   -75.613874   -0.897419
-0.001334   -0.339044   -19.780193

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.43660    14.615864    23.299169    0.826682
0.005636    0.919372    85.309170
0.57745    14.615864    23.299169    0.826682
0.005636    0.571686    79.167566
0.71830    14.615864    23.299169    0.826682
0.005636    0.225588    85.805951
0.85915    14.615864    23.299169    0.826682
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 0.005636     0.244108   107.962991
 1.00000     14.615864    23.299169     0.826682
 0.005636     0.857139   130.228544

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660    -1.752352  -158.837936   -1.467385
-0.007519   -1.608208  -185.281706
0.57745    -1.752352  -158.837936   -1.467385
-0.007519   -0.987606  -122.018678
0.71830    -1.752352  -158.837936   -1.467385
-0.007519   -0.395816   -83.731698
0.85915    -1.752352  -158.837936   -1.467385
-0.007519   -0.143652   -47.153132
1.00000    -1.752352  -158.837936   -1.467385
-0.007519   -0.479293   -10.680887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3060

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    12.562307    63.407847     1.033608
 0.004240     1.150189   179.885215
0.57745    12.562307    63.407847     1.033608
 0.004240     0.715894   156.006801
0.71830    12.562307    63.407847     1.033608
 0.004240     0.283161   141.351569
0.85915    12.562307    63.407847     1.033608
 0.004240     0.291488   137.893518
1.00000    12.562307    63.407847     1.033608
 0.004240     1.075407   134.772009

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660    -5.905413  -131.966798   -1.874997
-0.005778   -2.071020  -163.690403
0.57745    -5.905413  -131.966798   -1.874997
-0.005778   -1.287982  -110.931007
0.71830    -5.905413  -131.966798   -1.874997
-0.005778   -0.511688   -76.179893
0.85915    -5.905413  -131.966798   -1.874997
-0.005778   -0.167693   -42.623468
1.00000    -5.905413  -131.966798   -1.874997
-0.005778   -0.592952    -9.184291

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    11.010812    72.281834     1.281799
 0.004180     1.425100   160.597365
0.57745    11.010812    72.281834     1.281799
 0.004180     0.886837   135.296344
0.71830    11.010812    72.281834     1.281799
 0.004180     0.349786   120.675080
0.85915    11.010812    72.281834     1.281799
 0.004180     0.331849   115.927013
1.00000    11.010812    72.281834     1.281799
 0.004180     1.247472   112.962616

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660    -8.228857  -110.110906   -2.187864
-0.004824   -2.422705  -139.208796
0.57745    -8.228857  -110.110906   -2.187864
-0.004824   -1.507813   -99.077558
0.71830    -8.228857  -110.110906   -2.187864
-0.004824   -0.597977   -75.912661
0.85915    -8.228857  -110.110906   -2.187864
-0.004824   -0.201921   -54.413226
1.00000    -8.228857  -110.110906   -2.187864
-0.004824   -0.732808   -33.785123

COMB       DB ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    16.343868   100.073626     0.736761
 0.005651     0.819247   217.992766
0.57745    16.343868   100.073626     0.736761
 0.005651     0.510249   182.963254
0.71830    16.343868   100.073626     0.736761
 0.005651     0.201195   157.721011
0.85915    16.343868   100.073626     0.736761
 0.005651     0.201468   146.880118
1.00000    16.343868   100.073626     0.736761
 0.005651     0.739992   139.215670

COMB       DB ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660   -11.741749  -168.027156   -1.286139
-0.007446   -1.417607  -190.481777
0.57745   -11.741749  -168.027156   -1.286139
-0.007446   -0.880286  -128.593789
0.71830   -11.741749  -168.027156   -1.286139
-0.007446   -0.350804   -86.519704
0.85915   -11.741749  -168.027156   -1.286139
-0.007446   -0.116820   -53.258041
1.00000   -11.741749  -168.027156   -1.286139
-0.007446   -0.416666   -67.580431
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3061

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       DL ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    14.615864    96.136919     1.295541
 0.005636     1.439964   217.111001
0.57745    14.615864    96.136919     1.295541
 0.005636     0.896263   185.378090
0.71830    14.615864    96.136919     1.295541
 0.005636     0.353123   162.980989
0.85915    14.615864    96.136919     1.295541
 0.005636     0.344211   152.288050
1.00000    14.615864    96.136919     1.295541
 0.005636     1.302006   144.378114

COMB       DL ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660   -10.731698  -158.837936   -2.287084
-0.007519   -2.533183  -185.281706
0.57745   -10.731698  -158.837936   -2.287084
-0.007519   -1.576296  -122.018678
0.71830   -10.731698  -158.837936   -2.287084
-0.007519   -0.622846   -83.731698
0.85915   -10.731698  -158.837936   -2.287084
-0.007519   -0.201921   -59.185090
1.00000   -10.731698  -158.837936   -2.287084
-0.007519   -0.739882   -75.043267

COMB       CAR ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    16.343868   100.073626     1.295541
 0.005651     1.439964   217.992766
0.57745    16.343868   100.073626     1.295541
 0.005651     0.896263   185.378090
0.71830    16.343868   100.073626     1.295541
 0.005651     0.353123   162.980989
0.85915    16.343868   100.073626     1.295541
 0.005651     0.344211   152.288050
1.00000    16.343868   100.073626     1.295541
 0.005651     1.302006   144.378114

COMB       CAR ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660   -11.741749  -168.027156   -2.287084
-0.007519   -2.533183  -190.481777
0.57745   -11.741749  -168.027156   -2.287084
-0.007519   -1.576296  -128.593789
0.71830   -11.741749  -168.027156   -2.287084
-0.007519   -0.622846   -86.519704
0.85915   -11.741749  -168.027156   -2.287084
-0.007519   -0.201921   -59.185090
1.00000   -11.741749  -168.027156   -2.287084
-0.007519   -0.739882   -75.043267

COMB       DESIGN ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.43660    16.343868   100.073626     1.295541
 0.005651     1.439964   217.992766
0.57745    16.343868   100.073626     1.295541
 0.005651     0.896263   185.378090
0.71830    16.343868   100.073626     1.295541
 0.005651     0.353123   162.980989
0.85915    16.343868   100.073626     1.295541
 0.005651     0.344211   152.288050
1.00000    16.343868   100.073626     1.295541
 0.005651     1.302006   144.378114

COMB       DESIGN ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.43660   -11.741749  -168.027156   -2.287084
-0.007519   -2.533183  -190.481777
0.57745   -11.741749  -168.027156   -2.287084
-0.007519   -1.576296  -128.593789
0.71830   -11.741749  -168.027156   -2.287084
-0.007519   -0.622846   -86.519704
0.85915   -11.741749  -168.027156   -2.287084
-0.007519   -0.201921   -59.185090
1.00000   -11.741749  -168.027156   -2.287084
-0.007519   -0.739882   -75.043267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3062

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM       285 ================== LENGTH
=     2.976426

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.039646   18.928652     0.361705
 0.000770     0.201576    1.394145
0.14081     1.039646   18.928652     0.361705
 0.000770     0.049867    1.493520
0.28162     1.039646   18.928652     0.361705
 0.000770     0.135391    1.622064
0.42243     1.039646   18.928652     0.361705
 0.000770     0.330357    1.776224
0.56323     1.039646   18.928652     0.361705
 0.000770     0.525351    1.947377

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -3.588887    -0.454625    -0.465337
-6.87E-06   -0.254768   -47.122105
0.14081    -3.588887    -0.454625    -0.465337
-6.87E-06   -0.059715   -54.697680
0.28162    -3.588887    -0.454625    -0.465337
-6.87E-06   -0.101608   -62.385139
0.42243    -3.588887    -0.454625    -0.465337
-6.87E-06   -0.253201   -70.083530
0.56323    -3.588887    -0.454625    -0.465337
-6.87E-06   -0.404793   -77.806734

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.547194   47.471149     0.580312
 0.001524     0.323811    7.079761
0.14081     1.547194   47.471149     0.580312
 0.001524     0.081056    5.515321
0.28162     1.547194   47.471149     0.580312
 0.001524     0.236673    4.536567
0.42243     1.547194   47.471149     0.580312
 0.001524     0.582705    4.257140
0.56323     1.547194   47.471149     0.580312
 0.001524     0.929122    4.491741

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -8.358153    -0.898329    -0.826953
-0.000186   -0.457234   -67.605612
0.14081    -8.358153    -0.898329    -0.826953
-0.000186   -0.110620   -83.968397
0.28162    -8.358153    -0.898329    -0.826953
-0.000186   -1.162577   -101.417969
0.42243    -8.358153    -0.898329    -0.826953
-0.000186   -0.405809   -119.137018
0.56323    -8.358153    -0.898329    -0.826953
-0.000186   -0.649020   -137.906882

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.610139   99.520552     0.645408
 0.001638     0.360079   55.867972
0.14081     1.610139   99.520552     0.645408
 0.001638     0.089349   35.308520
0.28162     1.610139   99.520552     0.645408
 0.001638     0.314402   29.817266
0.42243     1.610139   99.520552     0.645408
 0.001638     0.777482   27.953367
0.56323     1.610139   99.520552     0.645408
 0.001638     1.240658   27.119325

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -11.623396   -1.476508    -1.105187
-0.000189   -0.612147   -58.306235
0.14081   -11.623396   -1.476508    -1.105187
-0.000189   -0.149139   -70.202902
0.28162   -11.623396   -1.476508    -1.105187
-0.000189   -0.180813   -86.930228
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3063

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
0.42243   -11.623396   -1.476508    -1.105187
-0.000189   -0.451379  -126.782080
0.56323   -11.623396   -1.476508    -1.105187
-0.000189   -0.721888  -167.812335

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     6.164460  120.477327     0.693420
 0.004768     0.387215  126.515837
0.14081     6.164460  120.477327     0.693420
 0.004768     0.108018  112.138432
0.28162     6.164460  120.477327     0.693420
 0.004768     0.347115  110.025039
0.42243     6.164460  120.477327     0.693420
 0.004768     0.856610  119.632207
0.56323     6.164460  120.477327     0.693420
 0.004768     1.372616  138.265817

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -11.767906   -49.689958    -1.237646
-0.003970   -0.702247   -48.869088
0.14081   -11.767906   -49.689958    -1.237646
-0.003970   -0.184298   -58.823970
0.28162   -11.767906   -49.689958    -1.237646
-0.003970   -0.193956   -73.117818
0.42243   -11.767906   -49.689958    -1.237646
-0.003970   -0.484625  -105.990981
0.56323   -11.767906   -49.689958    -1.237646
-0.003970   -0.775246  -149.288450

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     0.491819   41.603067     0.202335
 0.000626     0.113049   14.673736
0.14081     0.491819   41.603067     0.202335
 0.000626     0.028393    9.972057
0.28162     0.491819   41.603067     0.202335
 0.000626     0.117223    8.707927
0.42243     0.491819   41.603067     0.202335
 0.000626     0.292950    8.281560
0.56323     0.491819   41.603067     0.202335
 0.000626     0.468728    8.054049

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -5.724129    -0.634136    -0.419439
-9.42E-06   -0.234456   -11.959434
0.14081    -5.724129    -0.634136    -0.419439
-9.42E-06   -0.058730   -17.159568
0.28162    -5.724129    -0.634136    -0.419439
-9.42E-06   -0.056499   -31.664060
0.42243    -5.724129    -0.634136    -0.419439
-9.42E-06   -0.141329   -48.190486
0.56323    -5.724129    -0.634136    -0.419439
-9.42E-06   -0.226139   -65.262399

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.523809   137.607033     0.332081
 0.005566     0.185550   139.447576
0.14081     1.523809   137.607033     0.332081
 0.005566     0.062178   95.966452
0.28162     1.523809   137.607033     0.332081
 0.005566     0.229430   68.696252
0.42243     1.523809   137.607033     0.332081
 0.005566     0.565471   57.046278
0.56323     1.523809   137.607033     0.332081
 0.005566     0.910378   57.681286

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -10.849540    -8.547555    -0.831766
-0.005002   -0.484060    -9.472658
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3064

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
0.14081   -10.849540    -8.547555    -0.831766
-0.005002   -0.136583   -13.315620
0.28162   -10.849540    -8.547555    -0.831766
-0.005002   -0.092698   -23.010630
0.42243   -10.849540    -8.547555    -0.831766
-0.005002   -0.231952   -57.164715
0.56323   -10.849540    -8.547555    -0.831766
-0.005002   -0.371145  -105.534819

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     2.099938   140.655699     0.572570
 0.005623     0.319611   126.245061
0.14081     2.099938   140.655699     0.572570
 0.005623     0.093831    87.257655
0.28162     2.099938   140.655699     0.572570
 0.005623     0.311788    62.793934
0.42243     2.099938   140.655699     0.572570
 0.005623     0.767911    52.377732
0.56323     2.099938   140.655699     0.572570
 0.005623     1.232048    53.071761

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -13.135797    -7.986881    -1.115400
-0.004520   -0.637871   -42.966845
0.14081   -13.135797    -7.986881    -1.115400
-0.004520   -0.171378   -53.039392
0.28162   -13.135797    -7.986881    -1.115400
-0.004520   -0.160212   -68.797619
0.42243   -13.135797    -7.986881    -1.115400
-0.004520   -0.400267  -106.452580
0.56323   -13.135797    -7.986881    -1.115400
-0.004520   -0.640249  -156.884691

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     8.371994   110.349703     0.698797
 0.003943     0.390570   111.893107
0.14081     8.371994   110.349703     0.698797
 0.003943     0.106968   109.191277
0.28162     8.371994   110.349703     0.698797
 0.003943     0.342369   119.243066
0.42243     8.371994   110.349703     0.698797
 0.003943     0.849766   139.298193
0.56323     8.371994   110.349703     0.698797
 0.003943     1.362442   166.826211

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -11.070681   -70.497836    -1.228483
-0.003650   -0.697047   -36.368189
0.14081   -11.070681   -70.497836    -1.228483
-0.003650   -0.182834   -44.844324
0.28162   -11.070681   -70.497836    -1.228483
-0.003650   -0.195019   -57.793174
0.42243   -11.070681   -70.497836    -1.228483
-0.003650   -0.487968   -89.578531
0.56323   -11.070681   -70.497836    -1.228483
-0.003650   -0.780833  -129.968900

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     9.731404    2.342130     0.387187
1.73E-05    0.217108    2.541481
0.14081     9.731404    2.342130     0.387187
1.73E-05    0.054798   19.251942
0.28162     9.731404    2.342130     0.387187
1.73E-05    0.126021   52.588767
0.42243     9.731404    2.342130     0.387187
1.73E-05    0.318870   86.151360
0.56323     9.731404    2.342130     0.387187
1.73E-05    0.511732  119.796355
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3065

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -0.841559   -80.424624    -0.460186
-0.001213   -0.259743   -16.121828
0.14081    -0.841559   -80.424624    -0.460186
-0.001213   -0.066885    -4.009302
0.28162    -0.841559   -80.424624    -0.460186
-0.001213   -0.107431    -2.740145
0.42243    -0.841559   -80.424624    -0.460186
-0.001213   -0.269709    -2.223437
0.56323    -0.841559   -80.424624    -0.460186
-0.001213   -0.431981    -2.648636

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000    12.617987    84.221103     0.520550
 0.005817     0.291684   121.973809
0.14081    12.617987    84.221103     0.520550
 0.005817     0.092862   123.041170
0.28162    12.617987    84.221103     0.520550
 0.005817     0.227447   134.880609
0.42243    12.617987    84.221103     0.520550
 0.005817     0.563617   163.112003
0.56323    12.617987    84.221103     0.520550
 0.005817     0.910526   205.520542

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -5.038992  -106.802225    -0.838449
-0.007216   -0.495137    -5.992436
0.14081    -5.038992  -106.802225    -0.838449
-0.007216   -0.144810    -2.612062
0.28162    -5.038992  -106.802225    -0.838449
-0.007216   -0.144589    -2.285624
0.42243    -5.038992  -106.802225    -0.838449
-0.007216   -0.362777    -2.421101
0.56323    -5.038992  -106.802225    -0.838449
-0.007216   -0.580948   -29.487338

COMB DB-G3-3 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000    11.430337   112.740154     0.614333
 0.004522     0.343944   120.438538
0.14081    11.430337   112.740154     0.614333
 0.004522     0.099657   116.014364
0.28162    11.430337   112.740154     0.614333
 0.004522     0.304333   130.194908
0.42243    11.430337   112.740154     0.614333
 0.004522     0.758021   157.548351
0.56323    11.430337   112.740154     0.614333
 0.004522     1.219121   195.268863

COMB DB-G3-3 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -8.872688   -96.114473    -1.107544
-0.005341   -0.637612    -5.143053
0.14081    -8.872688   -96.114473    -1.107544
-0.005341   -0.174398    -3.178332
0.28162    -8.872688   -96.114473    -1.107544
-0.005341   -0.170882    -9.164350
0.42243    -8.872688   -96.114473    -1.107544
-0.005341   -0.428423   -37.309350
0.56323    -8.872688   -96.114473    -1.107544
-0.005341   -0.685906   -76.980893

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000    10.026845   111.222523     0.723492
 0.004246     0.404723   100.654256
0.14081    10.026845   111.222523     0.723492
 0.004246     0.112317    96.274759
0.28162    10.026845   111.222523     0.723492
 0.004246     0.339669   108.903355
0.42243    10.026845   111.222523     0.723492
 0.004246     0.845020   131.866753
0.56323    10.026845   111.222523     0.723492
 0.004246     1.356505   163.392316
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                   3066

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000   -10.800377   -80.317892    -1.226504
-0.004426   -0.699671   -29.092915
0.14081   -10.800377   -80.317892    -1.226504
-0.004426   -0.186403   -34.319249
0.28162   -10.800377   -80.317892    -1.226504
-0.004426   -0.201606   -45.648666
0.42243   -10.800377   -80.317892    -1.226504
-0.004426   -0.504896   -75.779254
0.56323   -10.800377   -80.317892    -1.226504
-0.004426   -0.808128  -115.861710

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.095624   21.673407     0.665250
 0.000823     0.370545    2.082941
0.14081     1.095624   21.673407     0.665250
 0.000823     0.091303    2.262842
0.28162     1.095624   21.673407     0.665250
 0.000823     0.287660    2.479754
0.42243     1.095624   21.673407     0.665250
 0.000823     0.712205    2.727283
0.56323     1.095624   21.673407     0.665250
 0.000823     1.135751    3.042351

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -3.490671    -0.763556    -1.010661
-3.99E-06   -0.557259   -54.727438
0.14081    -3.490671    -0.763556    -1.010661
-3.99E-06   -0.113690   -63.573531
0.28162    -3.490671    -0.763556    -1.010661
-3.99E-06   -0.186745   -72.482297
0.42243    -3.490671    -0.763556    -1.010661
-3.99E-06   -0.465742   -81.423882
0.56323    -3.490671    -0.763556    -1.010661
-3.99E-06   -0.744574   -90.394411

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
0.00000     1.650615   50.402657     1.099392
 0.001510     0.613418    6.972111
0.14081     1.650615   50.402657     1.099392
 0.001510     0.152342    5.755886
0.28162     1.650615   50.402657     1.099392
 0.001510     0.475385    5.245878
0.42243     1.650615   50.402657     1.099392
 0.001510     1.188301    5.221035
0.56323     1.650615   50.402657     1.099392
 0.001510     1.900562    5.448497

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
0.00000    -7.921292    -1.069951    -1.699122
-0.000111   -0.945682   -75.077252
0.14081    -7.921292    -1.069951    -1.699122
-0.000111   -0.233128   -92.921486
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0.28162 -7.921292 -1.069951 -1.699122
-0.000111 -0.308266 -111.981656
0.42243 -7.921292 -1.069951 -1.699122
-0.000111 -0.769065 -131.869470
0.56323 -7.921292 -1.069951 -1.699122
-0.000111 -1.229868 -152.307565

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.769984	95.700129	1.204972
0.001597	0.672893	68.116776	
0.14081	1.769984	95.700129	1.204972
0.001597	0.166826	47.658975	
0.28162	1.769984	95.700129	1.204972
0.001597	0.577541	34.295881	
0.42243	1.769984	95.700129	1.204972
0.001597	1.448635	30.125704	
0.56323	1.769984	95.700129	1.204972
0.001597	2.315156	29.000009	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.630127	-2.370666	-2.072464
-0.000207	-1.155036	-65.566050	
0.14081	-10.630127	-2.370666	-2.072464
-0.000207	-0.716658	-64.464448	
0.28162	-10.630127	-2.370666	-2.072464
-0.000207	-0.338439	-97.331746	
0.42243	-10.630127	-2.370666	-2.072464
-0.000207	-0.843237	-132.841483	
0.56323	-10.630127	-2.370666	-2.072464
-0.000207	-1.348012	-171.042413	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.716462	108.551899	1.262124
0.003985	0.713500	131.257716	
0.14081	5.716462	108.551899	1.262124
0.003985	0.187923	120.157837	
0.28162	5.716462	108.551899	1.262124
0.003985	0.620351	114.889259	
0.42243	5.716462	108.551899	1.262124
0.003985	1.549129	123.681338	
0.56323	5.716462	108.551899	1.262124
0.003985	2.480600	139.953366	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.582162	-47.642683	-2.229266
-0.003150	-1.255101	-54.968389	
0.14081	-10.582162	-47.642683	-2.229266
-0.003150	-0.322002	-66.607734	
0.28162	-10.582162	-47.642683	-2.229266
-0.003150	-0.353121	-81.675802	
0.42243	-10.582162	-47.642683	-2.229266
-0.003150	-0.881725	-113.104293	
0.56323	-10.582162	-47.642683	-2.229266
-0.003150	-1.410750	-151.369220	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.534523	38.453000	0.421309
0.000579	0.235795	16.224135	
0.14081	0.534523	38.453000	0.421309
0.000579	0.059541	9.262554	
0.28162	0.534523	38.453000	0.421309
0.000579	0.198997	7.569296	
0.42243	0.534523	38.453000	0.421309
0.000579	0.506397	6.916722	
0.56323	0.534523	38.453000	0.421309
0.000579	0.814426	6.599617	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.125637	-0.460826	-0.733685
-5.41E-06	-0.414138	-11.294691	
0.14081	-5.125637	-0.460826	-0.733685
-5.41E-06	-0.106177	-16.657158	
0.28162	-5.125637	-0.460826	-0.733685
-5.41E-06	-0.117844	-29.897591	
0.42243	-5.125637	-0.460826	-0.733685
-5.41E-06	-0.294277	-45.024217	
0.56323	-5.125637	-0.460826	-0.733685
-5.41E-06	-0.470804	-60.502718	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.520808	121.035231	0.625372
0.004819	0.363323	144.370995	
0.14081	1.520808	121.035231	0.625372
0.004819	0.140283	104.490230	
0.28162	1.520808	121.035231	0.625372
0.004819	0.357685	72.465501	
0.42243	1.520808	121.035231	0.625372
0.004819	0.899185	60.564635	
0.56323	1.520808	121.035231	0.625372
0.004819	1.445247	59.172400	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.601655	-8.904792	-1.313550
-0.004298	-0.756376	-8.845194	
0.14081	-9.601655	-8.904792	-1.313550
-0.004298	-0.207701	-12.836790	
0.28162	-9.601655	-8.904792	-1.313550
-0.004298	-0.175088	-22.435559	
0.42243	-9.601655	-8.904792	-1.313550
-0.004298	-0.436916	-50.433558	
0.56323	-9.601655	-8.904792	-1.313550
-0.004298	-0.698696	-94.127926	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.144484	128.382189	1.075260
0.004987	0.612335	131.351895	
0.14081	2.144484	128.382189	1.075260
0.004987	0.166323	95.480721	
0.28162	2.144484	128.382189	1.075260
0.004987	0.539443	66.769351	
0.42243	2.144484	128.382189	1.075260
0.004987	1.352786	56.334131	
0.56323	2.144484	128.382189	1.075260
0.004987	2.169431	55.260031	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.955529	-8.457997	-1.958025
-0.003889	-1.111594	-46.583706	
0.14081	-11.955529	-8.457997	-1.958025
-0.003889	-0.292558	-57.906668	
0.28162	-11.955529	-8.457997	-1.958025
-0.003889	-0.301252	-74.641372	
0.42243	-11.955529	-8.457997	-1.958025
-0.003889	-0.751885	-107.896455	
0.56323	-11.955529	-8.457997	-1.958025
-0.003889	-1.202250	-155.229532	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.563875	99.483911	1.244333
0.003321	0.702510	117.095373	
0.14081	7.563875	99.483911	1.244333
0.003321	0.184268	116.078890	
0.28162	7.563875	99.483911	1.244333
0.003321	0.605578	121.111859	
0.42243	7.563875	99.483911	1.244333
0.003321	1.517924	139.436471	
0.56323	7.563875	99.483911	1.244333
0.003321	2.432087	164.130952	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.942186	-66.755655	-2.187069
-0.003013	-1.232741	-39.468194	
0.14081	-9.942186	-66.755655	-2.187069
-0.003013	-0.317569	-49.002542	
0.28162	-9.942186	-66.755655	-2.187069
-0.003013	-0.347411	-62.861318	
0.42243	-9.942186	-66.755655	-2.187069
-0.003013	-0.868599	-90.895384	
0.56323	-9.942186	-66.755655	-2.187069
-0.003013	-1.390200	-128.089257	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.448281	2.230263	0.596150
1.28E-05	0.333082	2.951884	
0.14081	8.448281	2.230263	0.596150
1.28E-05	0.084324	17.328275	
0.28162	8.448281	2.230263	0.596150
1.28E-05	0.249649	47.566528	
0.42243	8.448281	2.230263	0.596150
1.28E-05	0.624505	78.488772	
0.56323	8.448281	2.230263	0.596150
1.28E-05	0.999401	109.835683	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.700282	-75.749957	-0.894609
-0.001185	-0.500413	-19.816242	
0.14081	-0.700282	-75.749957	-0.894609
-0.001185	-0.126169	-4.645017	
0.28162	-0.700282	-75.749957	-0.894609
-0.001185	-0.164885	-3.602096	
0.42243	-0.700282	-75.749957	-0.894609
-0.001185	-0.413938	-3.532462	
0.56323	-0.700282	-75.749957	-0.894609
-0.001185	-0.664362	-3.962903	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.995930	78.961706	0.819877
0.005816	0.476789	130.261749	
0.14081	10.995930	78.961706	0.819877
0.005816	0.142518	128.259512	
0.28162	10.995930	78.961706	0.819877
0.005816	0.401524	136.500919	
0.42243	10.995930	78.961706	0.819877
0.005816	0.997145	160.376879	
0.56323	10.995930	78.961706	0.819877
0.005816	1.599031	196.613253	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.789549	-99.918139	-1.451160
-0.007125	-0.837587	-10.720421	
0.14081	-4.789549	-99.918139	-1.451160
-0.007125	-0.232077	-3.466981	
0.28162	-4.789549	-99.918139	-1.451160
-0.007125	-0.226626	-3.010022	
0.42243	-4.789549	-99.918139	-1.451160
-0.007125	-0.597208	-6.153083	
0.56323	-4.789549	-99.918139	-1.451160
-0.007125	-0.913287	-30.557204	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.984236	103.390252	1.021378
0.004631	0.584681	134.770582	
0.14081	9.984236	103.390252	1.021378
0.004631	0.162992	125.091865	
0.28162	9.984236	103.390252	1.021378
0.004631	0.517446	128.580287	
0.42243	9.984236	103.390252	1.021378
0.004631	1.295057	151.353744	
0.56323	9.984236	103.390252	1.021378
0.004631	2.077128	183.964454	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.048985	-89.548060	-1.877553
-0.005489	-1.070546	-9.220660	
0.14081	-8.048985	-89.548060	-1.877553
-0.005489	-0.286451	-3.725045	
0.28162	-8.048985	-89.548060	-1.877553
-0.005489	-0.283958	-9.544890	
0.42243	-8.048985	-89.548060	-1.877553
-0.005489	-0.710934	-30.931239	
0.56323	-8.048985	-89.548060	-1.877553
-0.005489	-1.139349	-67.453881	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.879856	105.396753	1.256061
0.004365	0.713031	112.962949	
0.14081	8.879856	105.396753	1.256061
0.004365	0.191812	105.111111	
0.28162	8.879856	105.396753	1.256061
0.004365	0.601585	108.142509	
0.42243	8.879856	105.396753	1.256061
0.004365	1.508746	127.202308	
0.56323	8.879856	105.396753	1.256061
0.004365	2.419093	154.499664	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.985547	-74.925137	-2.181487
-0.004560	-1.237311	-33.831813	
0.14081	-9.985547	-74.925137	-2.181487
-0.004560	-0.325156	-36.839269	
0.28162	-9.985547	-74.925137	-2.181487
-0.004560	-0.350142	-49.159876	
0.42243	-9.985547	-74.925137	-2.181487
-0.004560	-0.875783	-74.701890	
0.56323	-9.985547	-74.925137	-2.181487
-0.004560	-1.402434	-112.979000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.617987	140.655699	0.723492
0.005817	0.404723	139.447576	
0.14081	12.617987	140.655699	0.723492
0.005817	0.112317	123.041170	
0.28162	12.617987	140.655699	0.723492
0.005817	0.347115	134.880609	
0.42243	12.617987	140.655699	0.723492
0.005817	0.856610	163.112003	
0.56323	12.617987	140.655699	0.723492
0.005817	1.372616	205.520542	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.135797	-106.802225	-1.237646
-0.007216	-0.702247	-67.605612	
0.14081	-13.135797	-106.802225	-1.237646
-0.007216	-0.186403	-83.968397	
0.28162	-13.135797	-106.802225	-1.237646
-0.007216	-0.201606	-101.417969	
0.42243	-13.135797	-106.802225	-1.237646
-0.007216	-0.504896	-126.782080	
0.56323	-13.135797	-106.802225	-1.237646
-0.007216	-0.808128	-167.812335	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.995930	128.382189	1.262124
0.005816	0.713500	144.370995	
0.14081	10.995930	128.382189	1.262124
0.005816	0.191812	128.259512	
0.28162	10.995930	128.382189	1.262124
0.005816	0.620351	136.500919	
0.42243	10.995930	128.382189	1.262124
0.005816	1.549129	160.376879	
0.56323	10.995930	128.382189	1.262124
0.005816	2.480600	196.613253	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.955529	-99.918139	-2.229266
-0.007125	-1.255101	-75.077252	
0.14081	-11.955529	-99.918139	-2.229266
-0.007125	-0.325156	-92.921486	
0.28162	-11.955529	-99.918139	-2.229266
-0.007125	-0.353121	-111.981656	
0.42243	-11.955529	-99.918139	-2.229266
-0.007125	-0.881725	-132.841483	
0.56323	-11.955529	-99.918139	-2.229266
-0.007125	-1.410750	-171.042413	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.617987	140.655699	1.262124
0.005817	0.713500	144.370995	
0.14081	12.617987	140.655699	1.262124
0.005817	0.191812	128.259512	
0.28162	12.617987	140.655699	1.262124
0.005817	0.620351	136.500919	
0.42243	12.617987	140.655699	1.262124
0.005817	1.549129	160.376879	
0.56323	12.617987	140.655699	1.262124
0.005817	2.480600	205.520542	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.135797	-106.802225	-2.229266
-0.007216	-1.255101	-75.077252	
0.14081	-13.135797	-106.802225	-2.229266
-0.007216	-0.325156	-92.921486	
0.28162	-13.135797	-106.802225	-2.229266
-0.007216	-0.353121	-111.981656	
0.42243	-13.135797	-106.802225	-2.229266
-0.007216	-0.881725	-132.841483	
0.56323	-13.135797	-106.802225	-2.229266
-0.007216	-1.410750	-171.042413	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.617987	140.655699	1.262124
0.005817	0.713500	144.370995	
0.14081	12.617987	140.655699	1.262124
0.005817	0.191812	128.259512	
0.28162	12.617987	140.655699	1.262124
0.005817	0.620351	136.500919	
0.42243	12.617987	140.655699	1.262124
0.005817	1.549129	163.112003	
0.56323	12.617987	140.655699	1.262124
0.005817	2.480600	205.520542	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.135797	-106.802225	-2.229266
-0.007216	-1.255101	-75.077252	
0.14081	-13.135797	-106.802225	-2.229266
-0.007216	-0.325156	-92.921486	
0.28162	-13.135797	-106.802225	-2.229266
-0.007216	-0.353121	-111.981656	
0.42243	-13.135797	-106.802225	-2.229266
-0.007216	-0.432529	-128.841483	
0.56323	-13.135797	-106.802225	-2.229266
-0.007216	-1.410750	-171.042413	

ELEM 286 ========== LENGTH = 2.976819

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.100063	23.538569	0.374838
0.000734	0.415941	1.690815	
0.57753	0.100063	23.538569	0.374838
0.000734	0.888728	1.804840	
0.71835	0.100063	23.538569	0.374838
0.000734	0.101675	2.013406	
0.85918	0.100063	23.538569	0.374838
0.000734	0.056685	2.288778	
1.00000	0.100063	23.538569	0.374838
0.000734	0.217859	2.707774	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-5.132642	-1.572081	-0.384308
-1.53E-05	-0.426557	-17.051178	
0.57753	-5.132642	-1.572081	-0.384308
-1.53E-05	-0.265454	-26.449107	
0.71835	-5.132642	-1.572081	-0.384308
-1.53E-05	-0.104369	-35.871760	
0.85918	-5.132642	-1.572081	-0.384308
-1.53E-05	-0.055345	-45.326772	
1.00000	-5.132642	-1.572081	-0.384308
-1.53E-05	-0.212599	-54.843977	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.626626	52.207942	0.597831
0.001475	0.663747	34.535001	
0.57753	0.626626	52.207942	0.597831
0.001475	0.413136	25.106674	
0.71835	0.626626	52.207942	0.597831
0.001475	0.162503	17.041674	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.85918	0.626626	52.207942	0.597831
0.001475	0.094492	10.313877	
1.00000	0.626626	52.207942	0.597831
0.001475	0.363134	8.290456	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-9.039403	-4.345009	-0.640689
-0.000390	-0.711212	-18.831098	
0.57753	-9.039403	-4.345009	-0.640689
-0.000390	-0.442642	-30.015705	
0.71835	-9.039403	-4.345009	-0.640689
-0.000390	-0.174707	-43.024227	
0.85918	-9.039403	-4.345009	-0.640689
-0.000390	-0.088540	-58.375060	
1.00000	-9.039403	-4.345009	-0.640689
-0.000390	-0.338886	-75.378783	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.741024	103.485391	0.629806
0.001132	0.699787	182.206399	
0.57753	0.741024	103.485391	0.629806
0.001132	0.435760	150.157580	
0.71835	0.741024	103.485391	0.629806
0.001132	0.171623	118.858557	
0.85918	0.741024	103.485391	0.629806
0.001132	0.121250	88.123033	
1.00000	0.741024	103.485391	0.629806
0.001132	0.469159	60.047816	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-12.000284	-2.701043	-0.829787
-0.000226	-0.922285	-15.975770	
0.57753	-12.000284	-2.701043	-0.829787
-0.000226	-0.574462	-26.854327	
0.71835	-12.000284	-2.701043	-0.829787
-0.000226	-0.226630	-38.565672	
0.85918	-12.000284	-2.701043	-0.829787
-0.000226	-0.091906	-51.838449	
1.00000	-12.000284	-2.701043	-0.829787
-0.000226	-0.356219	-66.238627	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	7.432760	88.885790	0.681849
0.004510	0.757545	168.357251	
0.57753	7.432760	88.885790	0.681849
0.004510	0.471712	143.850260	
0.71835	7.432760	88.885790	0.681849
0.004510	0.185786	126.688462	
0.85918	7.432760	88.885790	0.681849
0.004510	0.147939	122.035181	
1.00000	7.432760	88.885790	0.681849
0.004510	0.529722	132.870070	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-10.205317	-89.197754	-0.911623
-0.004091	-0.999524	-77.103843	
0.57753	-10.205317	-89.197754	-0.911623
-0.004091	-0.617750	-54.727966	
0.71835	-10.205317	-89.197754	-0.911623
-0.004091	-0.247909	-45.194166	
0.85918	-10.205317	-89.197754	-0.911623
-0.004091	-0.111723	-43.792118	
1.00000	-10.205317	-89.197754	-0.911623
-0.004091	-0.389508	-56.012713	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.507571	42.258655	0.202861
0.000531	0.225675	17.321186	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57753	0.507571	42.258655	0.202861
0.000531	0.140639	59.463482	
0.71835	0.507571	42.258655	0.202861
0.000531	0.055604	42.609242	
0.85918	0.507571	42.258655	0.202861
0.000531	0.042105	26.603692	
1.00000	0.507571	42.258655	0.202861
0.000531	0.164551	14.768896	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-4.693444	-0.949996	-0.292068
-0.000283	-0.325207	-2.865834	
0.57753	-4.693444	-0.949996	-0.292068
-0.000283	-0.202773	-2.756894	
0.71835	-4.693444	-0.949996	-0.292068
-0.000283	-0.080388	-3.667058	
0.85918	-4.693444	-0.949996	-0.292068
-0.000283	-0.029400	-6.629425	
1.00000	-4.693444	-0.949996	-0.292068
-0.000283	-0.114395	-11.025906	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	4.609706	89.098503	0.295673
0.005086	0.329037	218.872301	
0.57753	4.609706	89.098503	0.295673
0.005086	0.205081	184.723614	
0.71835	4.609706	89.098503	0.295673
0.005086	0.081022	160.222957	
0.85918	4.609706	89.098503	0.295673
0.005086	0.105357	150.499386	
1.00000	4.609706	89.098503	0.295673
0.005086	0.350759	143.802610	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-7.322991	-60.228848	-0.586958
-0.005047	-0.634304	-20.701560	
0.57753	-7.322991	-60.228848	-0.586958
-0.005047	-0.388490	-2.935146	
0.71835	-7.322991	-60.228848	-0.586958
-0.005047	-0.159589	-2.750506	
0.85918	-7.322991	-60.228848	-0.586958
-0.005047	-0.059063	-5.642242	
1.00000	-7.322991	-60.228848	-0.586958
-0.005047	-0.171838	-9.821242	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	4.374933	99.943831	0.548638

0.005157 0.609731 197.757168
0.57753 4.374933 99.943831 0.548638
0.005157 0.379732 165.349750
0.71835 4.374933 99.943831 0.548638
0.005157 0.149600 144.356684
0.85918 4.374933 99.943831 0.548638
0.005157 0.137442 136.675919
1.00000 4.374933 99.943831 0.548638
0.005157 0.479240 131.150677

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -10.466404 -55.427750 -0.816728
-0.004543 -0.891017 -23.554768
0.57753 -10.466404 -55.427750 -0.816728
-0.004543 -0.548852 -16.357452
0.71835 -10.466404 -55.427750 -0.816728
-0.004543 -0.221920 -24.930151
0.85918 -10.466404 -55.427750 -0.816728
-0.004543 -0.094887 -35.935238
1.00000 -10.466404 -55.427750 -0.816728
-0.004543 -0.314833 -47.855362
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3074

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.522024 84.266096 0.686536
0.003724 0.763002 167.344666
0.57753 9.522024 84.266096 0.686536
0.003724 0.475166 139.574888
0.71835 9.522024 84.266096 0.686536
0.003724 0.187265 119.874747
0.85918 9.522024 84.266096 0.686536
0.003724 0.144535 110.732966
1.00000 9.522024 84.266096 0.686536
0.003724 0.524815 118.865181

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -9.003066 -103.453677 -0.908017
-0.003665 -0.998261 -107.212111
0.57753 -9.003066 -103.453677 -0.908017
-0.003665 -0.617759 -76.120960
0.71835 -9.003066 -103.453677 -0.908017
-0.003665 -0.247230 -55.528215
0.85918 -9.003066 -103.453677 -0.908017
-0.003665 -0.109822 -36.751346
1.00000 -9.003066 -103.453677 -0.908017
-0.003665 -0.391164 -41.204003

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 9.535355 3.116849 0.397230
0.000159 0.441587 5.745309
0.57753 9.535355 3.116849 0.397230
0.000159 0.275066 4.901591
0.71835 9.535355 3.116849 0.397230
0.000159 0.108538 4.170294
0.85918 9.535355 3.116849 0.397230
0.000159 0.060732 3.457941
1.00000 9.535355 3.116849 0.397230
0.000159 0.235204 2.765426

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -0.408847 -83.659306 -0.416124
-0.000917 -0.462561 -152.022766
0.57753 -0.408847 -83.659306 -0.416124
-0.000917 -0.288120 -117.011311
0.71835 -0.408847 -83.659306 -0.416124
-0.000917 -0.113695 -82.039485
0.85918 -0.408847 -83.659306 -0.416124
-0.000917 -0.057934 -47.073392
1.00000 -0.408847 -83.659306 -0.416124
-0.000917 -0.224503 -12.241820

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 15.860362 26.468690 0.520474
0.005944 0.395516 83.674705
0.57753 15.860362 26.468690 0.520474
0.005944 0.360330 76.751787
0.71835 15.860362 26.468690 0.520474
0.005944 0.142112 80.991636
0.85918 15.860362 26.468690 0.520474
0.005944 0.124142 102.692240
1.00000 15.860362 26.468690 0.520474
0.005944 0.409177 124.583471

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.610964 -173.141797 -0.681787
-0.006931 -0.735037 -192.321216
0.57753 -1.610964 -173.141797 -0.681787
-0.006931 -0.449484 -128.477970
0.71835 -1.610964 -173.141797 -0.681787
-0.006931 -0.184541 -84.969105
0.85918 -1.610964 -173.141797 -0.681787
-0.006931 -0.096103 -43.135066
1.00000 -1.610964 -173.141797 -0.681787
-0.006931 -0.300498 -3.344802
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3075

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 13.773549 72.396272 0.590770
0.004279 0.657053 186.519044
0.57753 13.773549 72.396272 0.590770
0.004279 0.409393 159.160652
0.71835 13.773549 72.396272 0.590770
0.004279 0.161637 139.553045
0.85918 13.773549 72.396272 0.590770
0.004279 0.141828 131.852750
1.00000 13.773549 72.396272 0.590770
0.004279 0.500948 125.233397

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -5.728775 -142.260978 -0.857912
-0.005115 -0.938316 -170.602528
0.57753 -5.728775 -142.260978 -0.857912
-0.005115 -0.578882 -117.099659
0.71835 -5.728775 -142.260978 -0.857912
-0.005115 -0.233568 -77.593521
0.85918 -5.728775 -142.260978 -0.857912
-0.005115 -0.099496 -39.297789
1.00000 -5.728775 -142.260978 -0.857912
-0.005115 -0.337809 -4.117064

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 11.737828 80.169591 0.710417
0.004026 0.789746 167.427613
0.57753 11.737828 80.169591 0.710417
0.004026 0.491929 138.055146
0.71835 11.737828 80.169591 0.710417
0.004026 0.194023 119.202545
0.85918 11.737828 80.169591 0.710417
0.004026 0.151041 110.660178
1.00000 11.737828 80.169591 0.710417
0.004026 0.544897 105.019205

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -7.991135 -119.017914 -0.940506
-0.004301 -1.032744 -143.680032
0.57753 -7.991135 -119.017914 -0.940506
-0.004301 -0.638648 -103.739641
0.71835 -7.991135 -119.017914 -0.940506
-0.004301 -0.256218 -76.642409
0.85918 -7.991135 -119.017914 -0.940506
-0.004301 -0.114813 -51.272824
1.00000 -7.991135 -119.017914 -0.940506
-0.004301 -0.405004 -30.219883

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.153216 29.523574 0.657538
0.000685 0.730377 1.915945
0.57753 0.153216 29.523574 0.657538
0.000685 0.454716 2.266332
0.71835 0.153216 29.523574 0.657538
0.000685 0.178896 2.686320
0.85918 0.153216 29.523574 0.657538
0.000685 0.128283 3.118050
1.00000 0.153216 29.523574 0.657538
0.000685 0.495112 3.656763

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -5.441421 -1.945709 -0.875052
-1.08E-05 -0.971280 -18.329123
0.57753 -5.441421 -1.945709 -0.875052
-1.08E-05 -0.604325 -30.295596
0.71835 -5.441421 -1.945709 -0.875052
-1.08E-05 -0.236660 -42.295195
0.85918 -5.441421 -1.945709 -0.875052
-1.08E-05 -0.095946 -54.309830
1.00000 -5.441421 -1.945709 -0.875052
-1.08E-05 -0.372088 -66.386570
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3076

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.772588 60.861761 1.087431
0.001282 1.207087 37.760073
0.57753 0.772588 60.861761 1.087431
0.001282 0.751157 27.816595
0.71835 0.772588 60.861761 1.087431
0.001282 0.295237 18.773374
0.85918 0.772588 60.861761 1.087431
0.001282 0.139819 11.137604
1.00000 0.772588 60.861761 1.087431
0.001282 0.777944 8.739262

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -8.889608 -4.024495 -1.379842
-0.000287 -1.533559 -19.497802
0.57753 -8.889608 -4.024495 -1.379842
-0.000287 -0.954981 -33.496029
0.71835 -8.889608 -4.024495 -1.379842
-0.000287 -0.375569 -49.665848
0.85918 -8.889608 -4.024495 -1.379842
-0.000287 -0.160323 -67.304072
1.00000 -8.889608 -4.024495 -1.379842
-0.000287 -0.616684 -87.939368

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.960288 105.214538 1.156309
0.000941 1.284720 187.442019
0.57753 0.960288 105.214538 1.156309
0.000941 0.800146 157.704142
0.71835 0.960288 105.214538 1.156309
0.000941 0.315446 128.475426
0.85918 0.960288 105.214538 1.156309
0.000941 0.228653 100.178056
1.00000 0.960288 105.214538 1.156309
0.000941 0.896381 75.591084

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -11.241586 -3.891690 -1.593728
-9.91E-05 -1.772073 -17.282819
0.57753 -11.241586 -3.891690 -1.593728
-9.91E-05 -1.103854 -30.233841
0.71835 -11.241586 -3.891690 -1.593728
-9.91E-05 -0.435160 -44.529761
0.85918 -11.241586 -3.891690 -1.593728
-9.91E-05 -0.169481 -59.977312
1.00000 -11.241586 -3.891690 -1.593728
-9.91E-05 -0.655114 -77.630555

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 6.557790 90.567454 1.212197
0.003561 1.345539 175.951568
0.57753 6.557790 90.567454 1.212197
0.003561 0.837661 152.506379
0.71835 6.557790 90.567454 1.212197
0.003561 0.330336 136.375504
0.85918 6.557790 90.567454 1.212197
0.003561 0.261055 132.795530
1.00000 6.557790 90.567454 1.212197
0.003561 0.977742 142.827493

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -9.616389 -79.318861 -1.711851
-0.003268 -1.890605 -71.390192
0.57753 -9.616389 -79.318861 -1.711851
-0.003268 -1.174269 -52.750996
0.71835 -9.616389 -79.318861 -1.711851
-0.003268 -0.464956 -47.734785
0.85918 -9.616389 -79.318861 -1.711851
-0.003268 -0.190050 -50.643711
1.00000 -9.616389 -79.318861 -1.711851
-0.003268 -0.697598 -65.612994
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3077

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 0.654134 40.772702 0.411989
0.000446 0.456864 77.827233
0.57753 0.654134 40.772702 0.411989
0.000446 0.284170 60.959323
0.71835 0.654134 40.772702 0.411989
0.000446 0.111612 44.638850
0.85918 0.654134 40.772702 0.411989
0.000446 0.072016 29.265975
1.00000 0.654134 40.772702 0.411989
0.000446 0.287760 17.535334

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -3.949771 -0.796427 -0.514436
-0.000239 -0.573496 -3.002870
0.57753 -3.949771 -0.796427 -0.514436
-0.000239 -0.357355 -2.987516
0.71835 -3.949771 -0.796427 -0.514436
-0.000239 -0.141987 -4.167511
0.85918 -3.949771 -0.796427 -0.514436
-0.000239 -0.061682 -6.413760
1.00000 -3.949771 -0.796427 -0.514436
-0.000239 -0.234342 -10.775787

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 4.149795 82.594980 0.576221
0.004398 0.638278 225.392032
0.57753 4.149795 82.594980 0.576221
0.004398 0.397675 193.634907
0.71835 4.149795 82.594980 0.576221
0.004398 0.156930 171.432297
0.85918 4.149795 82.594980 0.576221
0.004398 0.148952 160.831944
1.00000 4.149795 82.594980 0.576221
0.004398 0.530323 153.570098

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -6.243487 -51.930185 -0.911404
-0.004383 -0.996688 -21.603721
0.57753 -6.243487 -51.930185 -0.911404
-0.004383 -0.616762 -2.775473
0.71835 -6.243487 -51.930185 -0.911404
-0.004383 -0.248203 -2.935695
0.85918 -6.243487 -51.930185 -0.911404
-0.004383 -0.104704 -5.174385
1.00000 -6.243487 -51.930185 -0.911404
-0.004383 -0.344314 -9.404992

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 3.979028 99.296624 1.023662
0.004497 1.135506 203.219029
0.57753 3.979028 99.296624 1.023662
0.004497 0.707226 173.236736
0.71835 3.979028 99.296624 1.023662
0.004497 0.278639 154.752754
0.85918 3.979028 99.296624 1.023662
0.004497 0.226258 146.687019
1.00000 3.979028 99.296624 1.023662
0.004497 0.836950 140.791721

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -9.541082 -48.296797 -1.458482
-0.003954 -1.606502 -23.935265
0.57753 -9.541082 -48.296797 -1.458482
-0.003954 -0.997228 -16.436796
0.71835 -9.541082 -48.296797 -1.458482
-0.003954 -0.397028 -27.582820
0.85918 -9.541082 -48.296797 -1.458482
-0.003954 -0.167646 -40.375590
1.00000 -9.541082 -48.296797 -1.458482
-0.003954 -0.595748 -54.470691
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3078

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 8.503760 83.966893 1.193192
0.003067 1.324554 171.030310
0.57753 8.503760 83.966893 1.193192
0.003067 0.824578 145.420128
0.71835 8.503760 83.966893 1.193192
0.003067 0.324970 127.879061
0.85918 8.503760 83.966893 1.193192
0.003067 0.274553 118.220262
1.00000 8.503760 83.966893 1.193192
0.003067 0.941161 129.173756

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -8.197627 -95.225061 -1.651214
-0.003000 -1.825551 -99.881780
0.57753 -8.197627 -95.225061 -1.651214
-0.003000 -1.134594 -70.527093
0.71835 -8.197627 -95.225061 -1.651214
-0.003000 -0.449129 -53.365499
0.85918 -8.197627 -95.225061 -1.651214
-0.003000 -0.184882 -39.013652
1.00000 -8.197627 -95.225061 -1.651214
-0.003000 -0.684228 -46.934376

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 8.657036 3.301752 0.585022
0.000165 0.649666 6.019117
0.57753 8.657036 3.301752 0.585022
0.000165 0.403873 5.249080
0.71835 8.657036 3.301752 0.585022
0.000165 0.159380 4.600591
0.85918 8.657036 3.301752 0.585022
0.000165 0.108857 3.959159
1.00000 8.657036 3.301752 0.585022
0.000165 0.415751 3.328280

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -0.351247 -83.155483 -0.732137
-0.000837 -0.811944 -153.647910
0.57753 -0.351247 -83.155483 -0.732137
-0.000837 -0.550523 -119.324336
0.71835 -0.351247 -83.155483 -0.732137
-0.000837 -0.198193 -84.997896
0.85918 -0.351247 -83.155483 -0.732137
-0.000837 -0.084838 -50.686064
1.00000 -0.351247 -83.155483 -0.732137
-0.000837 -0.329345 -16.385257

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 14.555801 23.378616 0.791080
0.005955 0.875856 187.733822
0.57753 14.555801 23.378616 0.791080
0.005955 0.544727 82.290626
0.71835 14.555801 23.378616 0.791080
0.005955 0.214943 90.006743
0.85918 14.555801 23.378616 0.791080
0.005955 0.198138 113.282039
1.00000 14.555801 23.378616 0.791080
0.005955 0.676296 136.697569

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -1.376683 -168.886699 -1.143553
-0.006869 -1.243560 -193.326261
0.57753 -1.376683 -168.886699 -1.143553
-0.006869 -0.767057 -126.686800
0.71835 -1.376683 -168.886699 -1.143553
-0.006869 -0.306741 -85.465368
0.85918 -1.376683 -168.886699 -1.143553
-0.006869 -0.142276 -45.939531
1.00000 -1.376683 -168.886699 -1.143553
-0.006869 -0.470635 -6.635667
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3079

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 12.791473 63.892170 0.966627
0.004484 1.072058 186.229194
0.57753 12.791473 63.892170 0.966627
0.004484 0.667087 162.735715
0.71835 12.791473 63.892170 0.966627
0.004484 0.263457 148.760759
0.85918 12.791473 63.892170 0.966627
0.004484 0.224800 146.004691
1.00000 12.791473 63.892170 0.966627
0.004484 0.812901 143.387826

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -4.755945 -140.630095 -1.404700
-0.005251 -1.541826 -170.803643
0.57753 -4.755945 -140.630095 -1.404700
-0.005251 -0.955390 -115.040786
0.71835 -4.755945 -140.630095 -1.404700
-0.005251 -0.380579 -77.603088
0.85918 -4.755945 -140.630095 -1.404700
-0.005251 -0.160637 -41.363885
1.00000 -4.755945 -140.630095 -1.404700
-0.005251 -0.563691 -5.630714

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 11.022459 76.732888 1.207650
0.004151 1.339576 168.152513
0.57753 11.022459 76.732888 1.207650
0.004151 0.833642 141.475873
0.71835 11.022459 76.732888 1.207650
0.004151 0.328571 127.235318
0.85918 11.022459 76.732888 1.207650
0.004151 0.255809 122.904102
1.00000 11.022459 76.732888 1.207650
0.004151 0.947570 120.627491

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -7.020121 -117.960288 -1.651586
-0.004408 -1.820436 -144.062531
0.57753 -7.020121 -117.960288 -1.651586
-0.004408 -1.130018 -101.484354
0.71835 -7.020121 -117.960288 -1.651586
-0.004408 -0.448824 -77.602476
0.85918 -7.020121 -117.960288 -1.651586
-0.004408 -0.198110 -55.108568
1.00000 -7.020121 -117.960288 -1.651586
-0.004408 -0.697672 -34.617101

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 15.860362 103.485391 0.710417
0.005944 0.789746 218.872301
0.57753 15.860362 103.485391 0.710417
0.005944 0.491929 184.723614
0.71835 15.860362 103.485391 0.710417
0.005944 0.194023 160.222957
0.85918 15.860362 103.485391 0.710417
0.005944 0.151041 150.499286
1.00000 15.860362 103.485391 0.710417
0.005944 0.544897 143.802610

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -12.000284 -173.141797 -0.940506
-0.006931 -1.032744 -192.321216
0.57753 -12.000284 -173.141797 -0.940506
-0.006931 -0.638648 -128.477970
0.71835 -12.000284 -173.141797 -0.940506
-0.006931 -0.256218 -84.969105
0.85918 -12.000284 -173.141797 -0.940506
-0.006931 -0.114813 -58.375060
1.00000 -12.000284 -173.141797 -0.940506
-0.006931 -0.405004 -75.378783
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3080

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 14.555801 105.214538 1.212197
0.005955 1.345539 225.392032
0.57753 14.555801 105.214538 1.212197
0.005955 0.837661 193.634907
0.71835 14.555801 105.214538 1.212197
0.005955 0.330336 171.432297
0.85918 14.555801 105.214538 1.212197
0.005955 0.261055 160.831944
1.00000 14.555801 105.214538 1.212197
0.005955 0.977742 153.570098

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -11.241586 -168.886699 -1.711851
-0.006869 -1.890605 -193.326261
0.57753 -11.241586 -168.886699 -1.711851
-0.006869 -1.174269 -126.686800
0.71835 -11.241586 -168.886699 -1.711851
-0.006869 -0.464956 -85.465368
0.85918 -11.241586 -168.886699 -1.711851
-0.006869 -0.193110 -67.304072
1.00000 -11.241586 -168.886699 -1.711851
-0.006869 -0.697672 -87.939368

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43671 15.860362 105.214538 1.212197
0.005955 1.345539 225.392032
0.57753 15.860362 105.214538 1.212197
0.005955 0.837661 193.634907
0.71835 15.860362 105.214538 1.212197
0.005955 0.330336 171.432297
0.85918 15.860362 105.214538 1.212197
0.005955 0.261055 160.831944
1.00000 15.860362 105.214538 1.212197
0.005955 0.977742 153.570098

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43671 -12.000284 -173.141797 -1.711851
-0.006931 -1.890605 -193.326261
0.57753 -12.000284 -173.141797 -1.711851
-0.006931 -1.174269 -128.477970
0.71835 -12.000284 -173.141797 -1.711851
-0.006931 -0.464956 -85.465368
0.85918 -12.000284 -173.141797 -1.711851

```
-0.006931   -0.193110   -67.304072
 1.00000   -12.000284  -173.141797    -1.711851
-0.006931   -0.697672   -87.939368

COMB  DESIGN  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.43671    15.860362    105.214538     1.212197
 0.005955     1.345539    225.392032
0.57753    15.860362    105.214538     1.212197
 0.005955     0.837661    193.634907
0.71835    15.860362    105.214538     1.212197
 0.005955     0.330336    171.432297
0.85918    15.860362    105.214538     1.212197
 0.005955     0.261055    160.831944
 1.00000    15.860362    105.214538     1.212197
 0.005955     0.977742    153.570098

COMB  DESIGN  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.43671   -12.000284  -173.141797    -1.711851
-0.006931   -1.890605  -193.326261
0.57753   -12.000284  -173.141797    -1.711851
-0.006931   -1.174269  -128.477970
0.71835   -12.000284  -173.141797    -1.711851
-0.006931   -0.464956   -85.465368
0.85918   -12.000284  -173.141797    -1.711851
-0.006931   -0.193110   -67.304072
 1.00000   -12.000284  -173.141797    -1.711851
-0.006931   -0.697672   -87.939368
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3081

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      287 ================== LENGTH
=     2.977700

COMB DB-G1-1  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.096168    23.471765     0.362273
 0.000448     0.202157     2.712537
0.14086    0.096168    23.471765     0.362273
 0.000448     0.050083     3.228211
0.28171    0.096168    23.471765     0.362273
 0.000448     0.104395     3.783335
0.42257    0.096168    23.471765     0.362273
 0.000448     0.260297     4.377431
0.56342    0.096168    23.471765     0.362273
 0.000448     0.416215     4.986106

COMB DB-G1-1  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -5.085558    -1.501378    -0.371747
-9.60E-06   -0.207467   -54.863935
0.14086   -5.085558    -1.501378    -0.371747
-9.60E-06   -0.051487   -64.587066
0.28171   -5.085558    -1.501378    -0.371747
-9.60E-06   -0.101745   -74.329742
0.42257   -5.085558    -1.501378    -0.371747
-9.60E-06   -0.155392   -84.071715
0.56342   -5.085558    -1.501378    -0.371747
-9.60E-06   -0.405637   -93.857820

COMB DB-G1-2  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.518332    53.489128     0.580524
 0.001009     0.324599     8.306024
0.14086    0.518332    53.489128     0.580524
 0.001009     0.081355     7.463795
0.28171    0.518332    53.489128     0.580524
 0.001009     0.173030     7.138215
0.42257    0.518332    53.489128     0.580524
 0.001009     0.429754     7.407931
0.56342    0.518332    53.489128     0.580524
 0.001009     0.687079     8.109440

COMB DB-G1-2  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -9.042425    -2.373456    -0.613584
-0.000214   -0.342395   -75.413192
0.14086   -9.042425    -2.373456    -0.613584
-0.000214   -0.085148   -94.788221
0.28171   -9.042425    -2.373456    -0.613584
-0.000214   -0.162635   -115.043282
0.42257   -9.042425    -2.373456    -0.613584
-0.000214   -0.406141   -135.495301
0.56342   -9.042425    -2.373456    -0.613584
-0.000214   -0.649625   -156.950873

COMB DB-G1-3  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.772442    102.621901     0.612669
 0.001113     0.341995     60.015246
0.14086    0.772442    102.621901     0.612669
 0.001113     0.087447     37.883430
0.28171    0.772442    102.621901     0.612669
 0.001113     0.223052     32.075167
0.42257    0.772442    102.621901     0.612669
 0.001113     0.553135     30.187064
0.56342    0.772442    102.621901     0.612669
 0.001113     0.883240     29.543721

COMB DB-G1-3  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -11.841732    -2.632057    -0.787264
-0.000345   -0.437692   -66.264978
0.14086   -11.841732    -2.632057    -0.787264
-0.000345   -0.107752   -80.689575
0.28171   -11.841732    -2.632057    -0.787264
-0.000345   -0.171753   -96.349626
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3082

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
      T            M2           M3
0.42257   -11.841732    -2.632057    -0.787264
-0.000345   -0.428813  -135.073180
0.56342   -11.841732    -2.632057    -0.787264
-0.000345   -0.685804   -177.820943

COMB DB-G1-4  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    5.109328    122.242077     0.664451
 0.004370     0.036088   133.036088
0.14086    5.109328    122.242077     0.664451
 0.004370     0.105383   118.223477
0.28171    5.109328    122.242077     0.664451
 0.004370     0.245247   116.762929
0.42257    5.109328    122.242077     0.664451
 0.004370     0.600576   127.471895
0.56342    5.109328    122.242077     0.664451
 0.004370     0.967492   145.594478

COMB DB-G1-4  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -11.886911   -52.226614    -0.876230
-0.003992   -0.503025   -56.030902
0.14086   -11.886911   -52.226614    -0.876230
-0.003992   -0.136289   -68.283762
0.28171   -11.886911   -52.226614    -0.876230
-0.003992   -0.186034   -81.732537
0.42257   -11.886911   -52.226614    -0.876230
-0.003992   -0.464802  -114.167197
0.56342   -11.886911   -52.226614    -0.876230
-0.003992   -0.743499   -157.709472

COMB DB-G2-1  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.518058    41.905364     0.200383
 0.000449     0.112344    14.753149
0.14086    0.518058    41.905364     0.200383
 0.000449     0.028357     9.604054
0.28171    0.518058    41.905364     0.200383
 0.000449     0.077685     8.102915
0.42257    0.518058    41.905364     0.200383
 0.000449     0.191637     7.518324
0.56342    0.518058    41.905364     0.200383
 0.000449     0.305641     7.223772

COMB DB-G2-1  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -4.636519    -0.884786    -0.271815
-0.000123   -0.150559   -11.034498
0.14086   -4.636519    -0.884786    -0.271815
-0.000123   -0.036761   -15.494199
0.28171   -4.636519    -0.884786    -0.271815
-0.000123   -0.055669   -30.143184
0.42257   -4.636519    -0.884786    -0.271815
-0.000123   -0.139709   -46.931794
0.56342   -4.636519    -0.884786    -0.271815
-0.000123   -0.223751   -64.212389

COMB DB-G2-2  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    1.355539    134.942986     0.290040
 0.005417     0.169674   144.053398
0.14086    1.355539    134.942986     0.290040
 0.005417     0.058101    98.760812
0.28171    1.355539    134.942986     0.290040
 0.005417     0.155770    71.029227
0.42257    1.355539    134.942986     0.290040
 0.005417     0.371878    59.636709
0.56342    1.355539    134.942986     0.290040
 0.005417     0.603699    58.343740

COMB DB-G2-2  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -9.698489    -9.110750    -0.554647
-0.005159   -0.327471    -9.824384
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3083

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
      T            M2           M3
0.14086   -9.698489    -9.110750    -0.554647
-0.005159   -0.096034   -14.073168
0.28171   -9.698489    -9.110750    -0.554647
-0.005159   -0.081115   -19.965446
0.42257   -9.698489    -9.110750    -0.554647
-0.005159   -0.202861   -51.075393
0.56342   -9.698489    -9.110750    -0.554647
-0.005159   -0.324535   -97.166856

COMB DB-G2-3  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    1.440874    141.302203     0.534675
 0.005237     0.305501   131.381061
0.14086    1.440874    141.302203     0.534675
 0.005237     0.090306    91.011831
0.28171    1.440874    141.302203     0.534675
 0.005237     0.218698    66.390676
0.42257    1.440874    141.302203     0.534675
 0.005237     0.530854    56.545465
0.56342    1.440874    141.302203     0.534675
 0.005237     0.857159    55.805102

COMB DB-G2-3  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -12.572381    -9.230742    -0.779707
-0.004663   -0.451533   -47.818432
0.14086   -12.572381    -9.230742    -0.779707
-0.004663   -0.125531   -59.811599
0.28171   -12.572381    -9.230742    -0.779707
-0.004663   -0.149740   -73.410035
0.42257   -12.572381    -9.230742    -0.779707
-0.004663   -0.374122  -109.953651
0.56342   -12.572381    -9.230742    -0.779707
-0.004663   -0.598399   -159.696336

COMB DB-G2-4  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    7.669575    111.241190     0.671272
 0.003702     0.379844   118.977779
0.14086    7.669575    111.241190     0.671272
 0.003702     0.104112   116.050769
0.28171    7.669575    111.241190     0.671272
 0.003702     0.244692   126.940687
0.42257    7.669575    111.241190     0.671272
 0.003702     0.601019   148.809019
0.56342    7.669575    111.241190     0.671272
 0.003702     0.966614   175.792028

COMB DB-G2-4  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000  -10.349610    -73.663928    -0.872832
-0.003586   -0.498132   -41.216314
0.14086  -10.349610    -73.663928    -0.872832
-0.003586   -0.132676   -51.478726
0.28171  -10.349610    -73.663928    -0.872832
-0.003586   -0.118725   -62.957891
0.42257  -10.349610    -73.663928    -0.872832
-0.003586   -0.469222   -93.842029
0.56342  -10.349610    -73.663928    -0.872832
-0.003586   -0.750769   -134.194636

COMB DB-G3-1  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    9.615220     3.155134     0.391489
 0.000318     0.219523     2.763390
0.14086    9.615220     3.155134     0.391489
 0.000318     0.055279    24.970481
0.28171    9.615220     3.155134     0.391489
 0.000318     0.113994    59.833184
0.42257    9.615220     3.155134     0.391489
 0.000318     0.285760    94.960975
0.56342    9.615220     3.155134     0.391489
 0.000318     0.457544   130.182754
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3084

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -0.396866   -84.138381    -0.409572
-0.000890   -0.229599   -12.283653
0.14086   -0.396866   -84.138381    -0.409572
-0.000890   -0.057789    -2.993388
0.28171   -0.396866   -84.138381    -0.409572
-0.000890   -0.108879    -3.512437
0.42257   -0.396866   -84.138381    -0.409572
-0.000890   -0.273086    -4.205640
0.56342   -0.396866   -84.138381    -0.409572
-0.000890   -0.437287    -5.270460

COMB DB-G3-2  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000   11.970775    83.115734     0.512020
 0.006159     0.296274   124.927413
0.14086   11.970775    83.115734     0.512020
 0.006159     0.093919   133.177262
0.28171   11.970775    83.115734     0.512020
 0.006159     0.184661   146.660668
0.42257   11.970775    83.115734     0.512020
 0.006159     0.445618   177.410995
0.56342   11.970775    83.115734     0.512020
 0.006159     0.725726   219.644783

COMB DB-G3-2  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -4.605465  -111.595928    -0.669917
-0.006879   -0.398802    -3.335509
0.14086   -4.605465  -111.595928    -0.669917
-0.006879   -0.118869    -4.233897
0.28171   -4.605465  -111.595928    -0.669917
-0.006879   -0.142561    -5.150970
0.42257   -4.605465  -111.595928    -0.669917
-0.006879   -0.357345    -8.152509
0.56342   -4.605465  -111.595928    -0.669917
-0.006879   -0.572102   -28.526983

COMB DB-G3-3  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000   11.147570    110.793993     0.581321
 0.004692     0.331817   125.398991
0.14086   11.147570    110.793993     0.581321
 0.004692     0.096440   124.243065
0.28171   11.147570    110.793993     0.581321
 0.004692     0.231173   139.390181
0.42257   11.147570    110.793993     0.581321
 0.004692     0.564537   168.515088
0.56342   11.147570    110.793993     0.581321
 0.004692     0.911024   206.139805

COMB DB-G3-3  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -7.704960  -100.194226    -0.827726
-0.005168   -0.478202    -4.107285
0.14086   -7.704960  -100.194226    -0.827726
-0.005168   -0.131567    -5.502121
0.28171   -7.704960  -100.194226    -0.827726
-0.005168   -0.162044    -7.727564
0.42257   -7.704960  -100.194226    -0.827726
-0.005168   -0.405953   -33.643875
0.56342   -7.704960  -100.194226    -0.827726
-0.005168   -0.649793   -71.525017

COMB DB-G3-4  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    9.571287    111.709686     0.696587
 0.004206     0.299500   105.155350
0.14086    9.571287    111.709686     0.696587
 0.004206     0.109735   104.592856
0.28171    9.571287    111.709686     0.696587
 0.004206     0.253697   117.629669
0.42257    9.571287    111.709686     0.696587
 0.004206     0.622466   142.242675
0.56342    9.571287    111.709686     0.696587
 0.004206     1.002073   173.914668
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3085

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -9.590815   -84.226581    -0.906419
-0.004280   -0.519078   -30.227365
0.14086   -9.590815   -84.226581    -0.906419
-0.004280   -0.139700   -38.816372
0.28171   -9.590815   -84.226581    -0.906419
-0.004280   -0.194412   -48.675983
0.42257   -9.590815   -84.226581    -0.906419
-0.004280   -0.486663   -77.612170
0.56342   -9.590815   -84.226581    -0.906419
-0.004280   -0.778847  -117.086946

COMB DL-G1-1  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.157286    29.416888     0.639036
 0.000411     0.356593     3.663801
0.14086    0.157286    29.416888     0.639036
 0.000411     0.088006     1.395153
0.28171    0.157286    29.416888     0.639036
 0.000411     0.235158     5.106514
0.42257    0.157286    29.416888     0.639036
 0.000411     0.587130     5.875462
0.56342    0.157286    29.416888     0.639036
 0.000411     0.938008     6.658260

COMB DL-G1-1  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -5.391204    -1.906148    -0.836662
-6.85E-06   -0.464482   -61.413763
0.14086   -5.391204    -1.906148    -0.836662
-6.85E-06   -0.113470   -78.601303
0.28171   -5.391204    -1.906148    -0.836662
-6.85E-06   -0.179185   -90.848549
0.42257   -5.391204    -1.906148    -0.836662
-6.85E-06   -0.447382  -103.129658
0.56342   -5.391204    -1.906148    -0.836662
-6.85E-06   -0.715410  -115.439174

COMB DL-G1-2  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.711942    61.529636     1.050684
 0.000852     0.586841     8.748584
0.14086    0.711942    61.529636     1.050684
 0.000852     0.145815     8.139349
0.28171    0.711942    61.529636     1.050684
 0.000852     0.374036     8.462543
0.42257    0.711942    61.529636     1.050684
 0.000852     0.937870     9.195553
0.56342    0.711942    61.529636     1.050684
 0.000852     1.501202    10.176448

COMB DL-G1-2  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -8.860387    -2.877146    -1.342480
-0.000137   -0.749339   -87.987340
0.14086   -8.860387    -2.877146    -1.342480
-0.000137   -0.185833  -110.690099
0.28171   -8.860387    -2.877146    -1.342480
-0.000137   -0.295269  -134.519276
0.42257   -8.860387    -2.877146    -1.342480
-0.000137   -0.735728  -159.211104
0.56342   -8.860387    -2.877146    -1.342480
-0.000137   -1.176446  -184.470241

COMB DL-G1-3  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.977849    104.432972     1.122743
 0.000964     0.627547    75.561411
0.14086    0.977849    104.432972     1.122743
 0.000964     0.155559    55.041027
0.28171    0.977849    104.432972     1.122743
 0.000964     0.433488    41.240852
0.42257    0.977849    104.432972     1.122743
 0.000964     1.088286    35.616313
0.56342    0.977849    104.432972     1.122743
 0.000964     1.742375    33.571612
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3086

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -11.089212    -3.861666    -1.559397
-0.000298   -0.870152   -77.669417
0.14086   -11.089212    -3.861666    -1.559397
-0.000298   -0.215721   -95.842314
0.28171   -11.089212    -3.861666    -1.559397
-0.000298   -0.315449   -115.053589
0.42257   -11.089212    -3.861666    -1.559397
-0.000298   -0.786463   -152.371190
0.56342   -11.089212    -3.861666    -1.559397
-0.000298   -1.257200   -192.943985

COMB DL-G1-4  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    4.888707    115.697728     1.181641
 0.003464     0.673816   142.801150
0.14086    4.888707    115.697728     1.181641
 0.003464     0.178497   133.110837
0.28171    4.888707    115.697728     1.181641
 0.003464     0.463808   128.921179
0.42257    4.888707    115.697728     1.181641
 0.003464     1.159953   137.154206
0.56342    4.888707    115.697728     1.181641
 0.003464     1.854527   154.332647

COMB DL-G1-4  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -10.932369    -52.040399    -1.669855
-0.003128   -0.944810   -65.641070
0.14086   -10.932369    -52.040399    -1.669855
-0.003128   -0.244970   -81.061274
0.28171   -10.932369    -52.040399    -1.669855
-0.003128   -0.330530   -97.516393
0.42257   -10.932369    -52.040399    -1.669855
-0.003128   -0.824974   -128.729101
0.56342   -10.932369    -52.040399    -1.669855
-0.003128   -1.319958   -170.021083

COMB DL-G2-1  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    0.659392    40.551607     0.393879
 0.000376     0.220222    17.519622
0.14086    0.659392    40.551607     0.393879
 0.000376     0.055405     9.404703
0.28171    0.659392    40.551607     0.393879
 0.000376     0.141668     6.746537
0.42257    0.659392    40.551607     0.393879
 0.000376     0.357825     6.039650
0.56342    0.659392    40.551607     0.393879
 0.000376     0.574814     5.776848

COMB DL-G2-1  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -3.904161    -0.761256    -0.516273
-0.000109   -0.290297   -10.786569
0.14086   -3.904161    -0.761256    -0.516273
-0.000109   -0.073975   -16.088283
0.28171   -3.904161    -0.761256    -0.516273
-0.000109   -0.111025   -29.281608
0.42257   -3.904161    -0.761256    -0.516273
-0.000109   -0.275918   -45.280462
0.56342   -3.904161    -0.761256    -0.516273
-0.000109   -0.441065   -61.722168

COMB DL-G2-2  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    1.530090    121.183336     0.559520
 0.004622     0.332531   153.563595
0.14086    1.530090    121.183336     0.559520
 0.004622     0.098783   113.490342
0.28171    1.530090    121.183336     0.559520
 0.004622     0.247570    80.630616
0.42257    1.530090    121.183336     0.559520
 0.004622     0.614559    66.433277
0.56342    1.530090    121.183336     0.559520
 0.004622     0.991643    63.393612
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3087

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -8.338800    -9.769594    -0.905887
-0.004422   -0.526246    -9.411599
0.14086   -8.338800    -9.769594    -0.905887
-0.004422   -0.147901   -14.201614
0.28171   -8.338800    -9.769594    -0.905887
-0.004422   -0.156639   -21.312766
0.42257   -8.338800    -9.769594    -0.905887
-0.004422   -0.390416   -47.473481
0.56342   -8.338800    -9.769594    -0.905887
-0.004422   -0.623779   -88.258992

COMB DL-G2-3  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    1.611859    134.115364     0.994353
 0.004500     0.573225   140.788610
0.14086    1.611859    134.115364     0.994353
 0.004500     0.156806   105.099861
0.28171    1.611859    134.115364     0.994353
 0.004500     0.396076    75.913064
0.42257    1.611859    134.115364     0.994353
 0.004500     0.988578    63.697121
0.56342    1.611859    134.115364     0.994353
 0.004500     1.589329    61.529294

COMB DL-G2-3  ------------------  MIN

REL DIST            P            V2           V3
      T            M2           M3
0.00000   -11.396691    -10.138353    -1.438431
-0.004002   -0.821220    -54.499095
0.14086   -11.396691    -10.138353    -1.438431
-0.004002   -0.219134    -68.925569
0.28171   -11.396691    -10.138353    -1.438431
-0.004002   -0.278506    -85.749561
0.42257   -11.396691    -10.138353    -1.438431
-0.004002   -0.694907   -119.661115
0.56342   -11.396691    -10.138353    -1.438431
-0.004002   -1.110820   -166.735630

COMB DL-G2-4  ------------------  MAX

REL DIST            P            V2           V3
      T            M2           M3
0.00000    7.144277    104.776804     1.166199
 0.002909     0.663370   129.127242
0.14086    7.144277    104.776804     1.166199
 0.002909     0.175137   130.129370
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 0.28171     7.144277   104.776804     1.166199
 0.002909    0.448706   136.694732
 0.42257     7.144277   104.776804     1.166199
 0.002909    1.120992   155.535180
 0.56342     7.144277   104.776804     1.166199
 0.002909    1.798500   181.290387

COMB DL-G2-4 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   -9.274669  -72.749129  -1.619049
-0.002886  -0.915379   -46.953357
 0.14086   -9.274669  -72.749129  -1.619049
-0.002886  -0.237398   -59.363059
 0.28171   -9.274669  -72.749129  -1.619049
-0.002886  -0.325065   -73.568047
 0.42257   -9.274669  -72.749129  -1.619049
-0.002886  -0.813206  -102.455664
 0.56342   -9.274669  -72.749129  -1.619049
-0.002886  -1.301882  -140.029378

COMB DL-G3-1 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000    8.723989    3.306008    0.581466
 0.000261   0.326444    3.325451
 0.14086    8.723989    3.306008    0.581466
 0.000261   0.083502    24.041704
 0.28171    8.723989    3.306008    0.581466
 0.000261   0.199082    58.090636
 0.42257    8.723989    3.306008    0.581466
 0.000261   0.497214    92.641376
 0.56342    8.723989    3.306008    0.581466
 0.000261   0.795586   127.482951
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3088

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   -0.338845  -83.527705  -0.711494
-0.000804  -0.398349   -16.428086
 0.14086   -0.338845  -83.527705  -0.711494
-0.000804  -0.100291   -4.266833
 0.28171   -0.338845  -83.527705  -0.711494
-0.000804  -0.159883   -4.534187
 0.42257   -0.338845  -83.527705  -0.711494
-0.000804  -0.402740   -5.311327
 0.56342   -0.338845  -83.527705  -0.711494
-0.000804  -0.647122   -6.526764

COMB DL-G3-2 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   10.900886   78.894726    0.785189
 0.006094   0.468230   136.730596
 0.14086   10.900886   78.894726    0.785189
 0.006094   0.141387   143.840236
 0.28171   10.900886   78.894726    0.785189
 0.006094   0.307323   156.950590
 0.42257   10.900886   78.894726    0.785189
 0.006094   0.473259   184.647217
 0.56342   10.900886   78.894726    0.785189
 0.006094   1.214678   224.380962

COMB DL-G3-2 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   -4.463855  -109.577901  -1.108560
-0.006747  -0.646988   -6.670745
 0.14086   -4.463855  -109.577901  -1.108560
-0.006747  -0.183933   -4.959224
 0.28171   -4.463855  -109.577901  -1.108560
-0.006747  -0.215593   -6.052570
 0.42257   -4.463855  -109.577901  -1.108560
-0.006747  -0.542372   -9.123409
 0.56342   -4.463855  -109.577901  -1.108560
-0.006747  -0.870635   -31.326235

COMB DL-G3-3 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   10.183761   103.614557   0.953910
 0.004773   0.555236   143.379886
 0.14086   10.183761   103.614557   0.953910
 0.004773   0.156789   141.093452
 0.28171   10.183761   103.614557   0.953910
 0.004773   0.380793   147.084402
 0.42257   10.183761   103.614557   0.953910
 0.004773   0.944808   171.063726
 0.56342   10.183761   103.614557   0.953910
 0.004773   1.519246   205.640256

COMB DL-G3-3 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   -6.915273  -97.996016  -1.377187
-0.005216  -0.790242   -5.652086
 0.14086   -6.915273  -97.996016  -1.377187
-0.005216  -0.314374   -5.257573
 0.28171   -6.915273  -97.996016  -1.377187
-0.005216  -0.263833   -9.339305
 0.42257   -6.915273  -97.996016  -1.377187
-0.005216  -0.661886   -29.176845
 0.56342   -6.915273  -97.996016  -1.377187
-0.005216  -1.061237   -63.162621

COMB DL-G3-4 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000    8.859740   109.538035   1.182148
 0.004239   0.677400   120.628334
 0.14086    8.859740   109.538035   1.182148
 0.004239   0.184037   119.317264
 0.28171    8.859740   109.538035   1.182148
 0.004239   0.448851   124.804838
 0.42257    8.859740   109.538035   1.182148
 0.004239   1.119198   145.161381
 0.56342    8.859740   109.538035   1.182148
 0.004239   1.797669   174.354564
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3089

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   -8.778482  -82.580692  -1.623826
-0.004330  -0.924983   -34.655494
 0.14086   -8.778482  -82.580692  -1.623826
-0.004330  -0.245306   -43.579496
 0.28171   -8.778482  -82.580692  -1.623826
-0.004330  -0.328696   -58.281791
 0.42257   -8.778482  -82.580692  -1.623826
-0.004330  -0.823004   -82.275318
 0.56342   -8.778482  -82.580692  -1.623826
-0.004330  -1.318122  -120.120429

COMB      DB ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   11.970775   141.302203   0.696587
 0.006159   0.395050   144.053398
 0.14086   11.970775   141.302203   0.696587
 0.006159   0.109735   133.177262
 0.28171   11.970775   141.302203   0.696587
 0.006159   0.253697   146.660668
 0.42257   11.970775   141.302203   0.696587
 0.006159   0.622466   177.410995
 0.56342   11.970775   141.302203   0.696587
 0.006159   1.002073   219.644783

COMB      DB ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000  -12.572381  -111.595928  -0.906419
-0.006879  -0.519078   -75.413192
 0.14086  -12.572381  -111.595928  -0.906419
-0.006879  -0.139709   -94.788221
 0.28171  -12.572381  -111.595928  -0.906419
-0.006879  -0.194412   -115.043282
 0.42257  -12.572381  -111.595928  -0.906419
-0.006879  -0.486663   -135.495301
 0.56342  -12.572381  -111.595928  -0.906419
-0.006879  -0.778847   -177.820943

COMB      DL ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   10.900886   134.115364   1.182148
 0.006094   0.678569   153.560395
 0.14086   10.900886   134.115364   1.182148
 0.006094   0.184037   143.840236
 0.28171   10.900886   134.115364   1.182148
 0.006094   0.463808   156.950590
 0.42257   10.900886   134.115364   1.182148
 0.006094   1.155953   184.647217
 0.56342   10.900886   134.115364   1.182148
 0.006094   1.854527   224.380962

COMB      DL ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000  -11.396691  -109.577901  -1.669855
-0.006747  -0.944810   -87.987340
 0.14086  -11.396691  -109.577901  -1.669855
-0.006747  -0.245306   -110.690099
 0.28171  -11.396691  -109.577901  -1.669855
-0.006747  -0.330530   -134.519278
 0.42257  -11.396691  -109.577901  -1.669855
-0.006747  -0.824974   -159.211104
 0.56342  -11.396691  -109.577901  -1.669855
-0.006747  -1.319958   -192.943985

COMB      CAR ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   11.970775   141.302203   1.182148
 0.006159   0.678569   153.560395
 0.14086   11.970775   141.302203   1.182148
 0.006159   0.184037   143.840236
 0.28171   11.970775   141.302203   1.182148
 0.006159   0.463808   156.950590
 0.42257   11.970775   141.302203   1.182148
 0.006159   1.155953   184.647217
 0.56342   11.970775   141.302203   1.182148
 0.006159   1.854527   224.380962
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3090

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000  -12.572381  -111.595928  -1.669855
-0.006879  -0.944810   -87.987340
 0.14086  -12.572381  -111.595928  -1.669855
-0.006879  -0.245306   -110.690099
 0.28171  -12.572381  -111.595928  -1.669855
-0.006879  -0.330530   -134.519278
 0.42257  -12.572381  -111.595928  -1.669855
-0.006879  -0.824974   -159.211104
 0.56342  -12.572381  -111.595928  -1.669855
-0.006879  -1.319958   -192.943985

COMB      DESIGN ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.00000   11.970775   141.302203   1.182148
 0.006159   0.678569   153.560395
 0.14086   11.970775   141.302203   1.182148
 0.006159   0.184037   143.840236
 0.28171   11.970775   141.302203   1.182148
 0.006159   0.463808   156.950590
 0.42257   11.970775   141.302203   1.182148
 0.006159   1.155953   184.647217
 0.56342   11.970775   141.302203   1.182148
 0.006159   1.854527   224.380962

COMB      DESIGN ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.00000  -12.572381  -111.595928  -1.669855
-0.006879  -0.944810   -87.987340
 0.14086  -12.572381  -111.595928  -1.669855
-0.006879  -0.245306   -110.690099
 0.28171  -12.572381  -111.595928  -1.669855
-0.006879  -0.330530   -134.519278
 0.42257  -12.572381  -111.595928  -1.669855
-0.006879  -0.824974   -159.211104
 0.56342  -12.572381  -111.595928  -1.669855
-0.006879  -1.319958   -192.943985

ELEM      288 ================== LENGTH
=     2.977174

COMB DB-G1-1 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   0.185231   23.276238    0.371262
 0.000373  0.412221    1.644983
 0.57749   0.185231   23.276238    0.371262
 0.000373  0.256556    1.859146
 0.71833   0.185231   23.276238    0.371262
 0.000373  0.100892    2.538304
 0.85916   0.185231   23.276238    0.371262
 0.000373  0.055042    3.311093
 1.00000   0.185231   23.276238    0.371262
 0.000373  0.211998    4.204192

COMB DB-G1-1 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -5.265362   -2.751253   -0.374161
-0.000368  -0.415538  -19.509218
 0.57749  -5.265362   -2.751253   -0.374161
-0.000368  -0.258656   -28.842747
 0.71833  -5.265362   -2.751253   -0.374161
-0.000368  -0.101775   -38.207168
 0.85916  -5.265362   -2.751253   -0.374161
-0.000368  -0.054671   -47.592730
 1.00000  -5.265362   -2.751253   -0.374161
-0.000368  -0.210467   -57.050500

COMB DB-G1-2 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   1.240213   51.145978    0.592264
 0.000953  0.657759   33.519196
 0.57749   1.240213   51.145978    0.592264
 0.000953  0.409502   24.395290
 0.71833   1.240213   51.145978    0.592264
 0.000953  0.161205   16.812604
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3091

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P          V2          V3
     T         M2          M3
 0.85916   1.240213   51.145978    0.592264
 0.000953  0.088323   10.840572
 1.00000   1.240213   51.145978    0.592264
 0.000953  0.338982   10.039289

COMB DB-G1-2 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -9.060829   -5.908642   -0.597553
-0.000946  -0.663225   -21.327767
 0.57749   -9.060829   -5.908642   -0.597553
-0.000946  -0.412714   -32.271238
 0.71833   -9.060829   -5.908642   -0.597553
-0.000946  -0.162778   -45.612531
 0.85916   -9.060829   -5.908642   -0.597553
-0.000946  -0.267657   -60.846185
 1.00000   -9.060829   -5.908642   -0.597553
-0.000946  -0.336099   -77.686211

COMB DB-G1-3 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   1.267076   101.556857   0.601275
 0.000692  0.668472   179.913328
 0.57749   1.267076   101.556857   0.601275
 0.000692  0.416362   148.520360
 0.71833   1.267076   101.556857   0.601275
 0.000692  0.164175   118.106972
 0.85916   1.267076   101.556857   0.601275
 0.000692  0.095275   88.459366
 1.00000   1.267076   101.556857   0.601275
 0.000692  0.366414   61.953176

COMB DB-G1-3 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -11.956830   -3.829807   -0.646461
-0.000693  -0.717849   -18.531260
 0.57749  -11.956830   -3.829807   -0.646461
-0.000693  -0.446795   -29.297559
 0.71833  -11.956830   -3.829807   -0.646461
-0.000693  -0.175680   -41.292979
 0.85916  -11.956830   -3.829807   -0.646461
-0.000693  -0.087793   -54.545817
 1.00000  -11.956830   -3.829807   -0.646461
-0.000693  -0.339985   -68.791643

COMB DB-G1-4 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   7.811976   87.561874    0.667545
 0.004307  0.738316   166.395688
 0.57749   7.811976   87.561874    0.667545
 0.004307  0.485818   142.196734
 0.71833   7.811976   87.561874    0.667545
 0.004307  0.181617   125.474617
 0.85916   7.811976   87.561874    0.667545
 0.004307  0.121700   122.660818
 1.00000   7.811976   87.561874    0.667545
 0.004307  0.426135   135.173347

COMB DB-G1-4 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -10.364354  -89.938526   -0.726744
-0.004319  -0.793265   -78.460674
 0.57749  -10.364354  -89.938526   -0.726744
-0.004319  -0.489123   -55.758660
 0.71833  -10.364354  -89.938526   -0.726744
-0.004319  -0.196688   -46.607464
 0.85916  -10.364354  -89.938526   -0.726744
-0.004319  -0.112024   -46.433793
 1.00000  -10.364354  -89.938526   -0.726744
-0.004319  -0.391614   -58.738099

COMB DB-G2-1 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   1.192841   41.240151    0.200682
 0.000404  0.223355   75.412477
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3092

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P          V2          V3
     T         M2          M3
 0.57749   1.192841   41.240151    0.200682
 0.000404  0.139216   58.200051
 0.71833   1.192841   41.240151    0.200682
 0.000404  0.055048   41.521380
 0.85916   1.192841   41.240151    0.200682
 0.000404  0.029216   25.932037
 1.00000   1.192841   41.240151    0.200682
 0.000404  0.114052   15.058093

COMB DB-G2-1 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -4.558960   -1.126438   -0.202178
-0.000419  -0.225013   -2.278870
 0.57749   -4.558960   -1.126438   -0.202178
-0.000419  -0.140260   -2.050125
 0.71833   -4.558960   -1.126438   -0.202178
-0.000419  -0.055455   -3.313399
 0.85916   -4.558960   -1.126438   -0.202178
-0.000419  -0.090047   -6.255633
 1.00000   -4.558960   -1.126438   -0.202178
-0.000419  -0.113151   -10.491492

COMB DB-G2-2 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   5.185656   87.258074    0.277408
 0.005064  0.303827   216.460958
 0.57749   5.185656   87.258074    0.277408
 0.005064  0.189416   182.947818
 0.71833   5.185656   87.258074    0.277408
 0.005064  0.074712   158.918103
 0.85916   5.185656   87.258074    0.277408
 0.005064  0.071615   149.873164
 1.00000   5.185656   87.258074    0.277408
 0.005064  0.216780   144.412382

COMB DB-G2-2 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -7.345898  -60.251607   -0.347551
-0.005075  -0.366833   -20.599963
 0.57749   -7.345898  -60.251607   -0.347551
-0.005075  -0.221889   -2.800839
 0.71833   -7.345898  -60.251607   -0.347551
-0.005075  -0.093007   -3.123683
 0.85916   -7.345898  -60.251607   -0.347551
-0.005075  -0.059832   -6.179951
 1.00000   -7.345898  -60.251607   -0.347551
-0.005075  -0.175588   -10.394411

COMB DB-G2-3 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   4.875381   97.999926    0.530197
 0.004884  0.584987   194.634208
 0.57749   4.875381   97.999926    0.530197
 0.004884  0.364424   163.905873
 0.71833   4.875381   97.999926    0.530197
 0.004884  0.144145   143.631151
 0.85916   4.875381   97.999926    0.530197
 0.004884  0.105905   136.879373
 1.00000   4.875381   97.999926    0.530197
 0.004884  0.354744   132.697936

COMB DB-G2-3 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -10.498564  -56.261891   -0.594537
-0.004883  -0.643047   -25.369247
 0.57749  -10.498564  -56.261891   -0.594537
-0.004883  -0.394468   -18.037495
 0.71833  -10.498564  -56.261891   -0.594537
-0.004883  -0.160362   -26.819135
 0.85916  -10.498564  -56.261891   -0.594537
-0.004883  -0.095149   -37.799654
 1.00000  -10.498564  -56.261891   -0.594537
-0.004883  -0.031032   -49.608734
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3093

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   9.851396   83.341342    0.674070
 0.003718  0.746458   163.486801
 0.57749   9.851396   83.341342    0.674070
 0.003718  0.464925   137.389239
 0.71833   9.851396   83.341342    0.674070
 0.003718  0.183632   119.171292
 0.85916   9.851396   83.341342    0.674070
 0.003718  0.119623   110.472321
 1.00000   9.851396   83.341342    0.674070
 0.003718  0.426350   121.115580

COMB DB-G2-4 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -8.965636  -103.479681   -0.732182
-0.003732  -0.802072   -106.519257
 0.57749   -8.965636  -103.479681   -0.732182
-0.003732  -0.495538   -75.593302
 0.71833   -8.965636  -103.479681   -0.732182
-0.003732  -0.198467   -55.418988
 0.85916   -8.965636  -103.479681   -0.732182
-0.003732  -0.110000   -36.860937
 1.00000   -8.965636  -103.479681   -0.732182
-0.003732  -0.392430   -43.536460

COMB DB-G3-1 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   9.404314    4.089414    0.403637
 0.000548  0.448761    5.856576
 0.57749   9.404314    4.089414    0.403637
 0.000548  0.279521    4.903420
 0.71833   9.404314    4.089414    0.403637
 0.000548  0.110267    4.224450
 0.85916   9.404314    4.089414    0.403637
 0.000548  0.060964    3.565461
 1.00000   9.404314    4.089414    0.403637
 0.000548  0.235976    2.925434

COMB DB-G3-1 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -0.254361   -82.309603   -0.417343
-0.000567  -0.463393   -114.960198
 0.57749  -0.254361   -82.309603   -0.417343
-0.000567  -0.288996   -113.492783
 0.71833  -0.254361   -82.309603   -0.417343
-0.000567  -0.114018   -79.052201
 0.85916  -0.254361   -82.309603   -0.417343
-0.000567  -0.058926   -44.619368
 1.00000  -0.254361   -82.309603   -0.417343
-0.000567  -0.228227   -10.242963

COMB DB-G3-2 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   15.697290   27.118492    0.527495
 0.006428  0.580119    83.819178
 0.57749   15.697290   27.118492    0.527495
 0.006428  0.361306    76.698746
 0.71833   15.697290   27.118492    0.527495
 0.006428  0.143100    81.070710
 0.85916   15.697290   27.118492    0.527495
 0.006428  0.111228    102.998871
 1.00000   15.697290   27.118492    0.527495
 0.006428  0.358616    126.416252

COMB DB-G3-2 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666  -1.670582  -171.699777   -0.591497
-0.006454  -0.634227   -187.913323
 0.57749  -1.670582  -171.699777   -0.591497
-0.006454  -0.387180   -124.609925
 0.71833  -1.670582  -171.699777   -0.591497
-0.006454  -0.139775   -61.506605
 0.85916  -1.670582  -171.699777   -0.591497
-0.006454  -0.101288   -40.567606
 1.00000  -1.670582  -171.699777   -0.591497
-0.006454  -0.321857   -5.327836
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3094

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   13.885546   72.024861    0.583375
 0.004698  0.644763    185.085877
 0.57749   13.885546   72.024861    0.583375
 0.004698  0.401776    157.923354
 0.71833   13.885546   72.024861    0.583375
 0.004698  0.159093    138.700561
 0.85916   13.885546   72.024861    0.583375
 0.004698  0.113222    131.658163
 1.00000   13.885546   72.024861    0.583375
 0.004698  0.387590    127.266759

COMB DB-G3-3 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -5.638635  -140.876344   -0.655412
-0.004716  -0.712266   -166.609599
 0.57749   -5.638635  -140.876394   -0.655412
-0.004716  -0.438107   -113.678812
 0.71833   -5.638635  -140.876394   -0.655412
-0.004716  -0.177372   -74.841018
 0.85916   -5.638635  -140.876394   -0.655412
-0.004716  -0.101311   -37.186331
 1.00000   -5.638635  -140.876394   -0.655412
-0.004716  -0.345471   -6.182794

COMB DB-G3-4 ------------------- MAX

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   12.197536   79.447475    0.701151
 0.004195  0.776229    165.039544
 0.57749   12.197536   79.447475    0.701151
 0.004195  0.483578    136.753287
 0.71833   12.197536   79.447475    0.701151
 0.004195  0.191140    118.341197
 0.85916   12.197536   79.447475    0.701151
 0.004195  0.126061    110.552002
 1.00000   12.197536   79.447475    0.701151
 0.004195  0.445796    107.350879

COMB DB-G3-4 ------------------- MIN

REL DIST        P          V2          V3
     T         M2          M3
 0.43666   -7.855426  -118.373559   -0.763411
```

-0.004236 -0.835072 -140.845951
0.57749 -7.855426 -118.373559 -0.763411
-0.004236 -0.515520 -101.652687
0.71833 -7.855426 -118.373559 -0.763411
-0.004236 -0.207047 -75.226028
0.85916 -7.855426 -118.373559 -0.763411
-0.004236 -0.115784 -50.695009
1.00000 -7.855426 -118.373559 -0.763411
-0.004236 -0.409503 -32.480809

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.230472	30.357842	0.609936
0.000306	0.678020	1.766828	
0.57749	0.230472	30.357842	0.609936
0.000306	0.422222	2.387601	
0.71833	0.230472	30.357842	0.609936
0.000306	0.166363	3.391876	
0.85916	0.230472	30.357842	0.609936
0.000306	0.097900	4.460966	
1.00000	0.230472	30.357842	0.609936
0.000306	0.380082	5.615048	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-6.043515	-3.413775	-0.672284
-0.000303	-0.746350	-21.204730	
0.57749	-6.043515	-3.413775	-0.672284
-0.000303	-0.464281	-33.397754	
0.71833	-6.043515	-3.413775	-0.672284
-0.000303	-0.181672	-45.684014	
0.85916	-6.043515	-3.413775	-0.672284
-0.000303	-0.088581	-58.072054	
1.00000	-6.043515	-3.413775	-0.672284
-0.000303	-0.344781	-70.543615	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.307013	61.418339	1.021682
0.000743	1.134614	36.849239	
0.57749	1.307013	61.418339	1.021682
0.000743	0.706275	27.345909	
0.71833	1.307013	61.418339	1.021682
0.000743	0.278084	19.175032	
0.85916	1.307013	61.418339	1.021682
0.000743	0.151038	12.340007	
1.00000	1.307013	61.418339	1.021682
0.000743	0.585844	11.282863	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.355499	-5.953795	-1.036856
-0.000735	-1.151322	-22.496163	
0.57749	-9.355499	-5.953795	-1.036856
-0.000735	-0.716116	-36.643488	
0.71833	-9.355499	-5.953795	-1.036856
-0.000735	-0.280789	-53.658654	
0.85916	-9.355499	-5.953795	-1.036856
-0.000735	-0.149823	-71.530064	
1.00000	-9.355499	-5.953795	-1.036856
-0.000735	-0.578752	-92.728821	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.551110	104.673672	1.083572
0.000486	1.204813	186.460404	
0.57749	1.551110	104.673672	1.083572
0.000486	0.750693	157.531530	
0.71833	1.551110	104.673672	1.083572
0.000486	0.295608	129.539716	
0.85916	1.551110	104.673672	1.083572
0.000486	0.160228	102.428564	
1.00000	1.551110	104.673672	1.083572
0.000486	0.623664	79.432803	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.635872	-5.425571	-1.106051
-0.000586	-0.162458	-20.162458	
0.57749	-11.635872	-5.425571	-1.106051
-0.000586	-0.763761	-33.328955	
0.71833	-11.635872	-5.425571	-1.106051
-0.000586	-0.299169	-48.321404	
0.85916	-11.635872	-5.425571	-1.106051
-0.000586	-0.157897	-64.093323	
1.00000	-11.635872	-5.425571	-1.106051
-0.000586	-0.613325	-82.300441	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	7.028241	90.397362	1.161405
0.003312	1.280792	174.852431	
0.57749	7.028241	90.397362	1.161405
0.003312	0.797252	152.183310	
0.71833	7.028241	90.397362	1.161405
0.003312	0.316945	137.468261	
0.85916	7.028241	90.397362	1.161405
0.003312	0.187378	136.312499	
1.00000	7.028241	90.397362	1.161405
0.003312	0.689751	147.967205	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-10.112188	-80.857795	-1.200198
-0.003410	-1.320921	-72.804370	
0.57749	-10.112188	-80.857795	-1.200198
-0.003410	-0.818143	-54.404860	
0.71833	-10.112188	-80.857795	-1.200198
-0.003410	-0.324293	-50.344741	
0.85916	-10.112188	-80.857795	-1.200198
-0.003410	-0.180939	-54.497103	
1.00000	-10.112188	-80.857795	-1.200198
-0.003410	-0.668012	-70.181367	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.262247	40.025936	0.400435
0.000323	0.444486	76.844049	
0.57749	1.262247	40.025936	0.400435
0.000323	0.276551	60.364400	
0.71833	1.262247	40.025936	0.400435
0.000323	0.108746	44.386134	
0.85916	1.262247	40.025936	0.400435
0.000323	0.049380	29.278366	
1.00000	1.262247	40.025936	0.400435
0.000323	0.193467	18.189247	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-3.840149	-1.003395	-0.344616
-0.000337	-0.383127	-2.512414	
0.57749	-3.840149	-1.003395	-0.344616
-0.000337	-0.238062	-2.522643	
0.71833	-3.840149	-1.003395	-0.344616
-0.000337	-0.093829	-4.005523	
0.85916	-3.840149	-1.003395	-0.344616
-0.000337	-0.059551	-6.133234	
1.00000	-3.840149	-1.003395	-0.344616
-0.000337	-0.227305	-10.598575	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	4.766553	81.087468	0.572587
0.004364	0.618907	225.159425	
0.57749	4.766553	81.087468	0.572587
0.004364	0.384112	194.042967	
0.71833	4.766553	81.087468	0.572587
0.004364	0.154938	172.553061	
0.85916	4.766553	81.087468	0.572587
0.004364	0.102543	162.644724	
1.00000	4.766553	81.087468	0.572587
0.004364	0.332102	156.499276	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-6.274841	-52.203875	-0.555647
-0.004390	-0.597394	-21.551749	
0.57749	-6.274841	-52.203875	-0.555647
-0.004390	-0.365387	-2.772582	
0.71833	-6.274841	-52.203875	-0.555647
-0.004390	-0.148312	-3.326968	
0.85916	-6.274841	-52.203875	-0.555647
-0.004390	-0.103328	-5.598352	
1.00000	-6.274841	-52.203875	-0.555647
-0.004390	-0.343643	-10.113667	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	4.665363	98.370123	0.985491
0.004208	1.079316	202.045764	
0.57749	4.665363	98.370123	0.985491
0.004208	0.671060	173.688348	
0.71833	4.665363	98.370123	0.985491
0.004208	0.267643	156.314327	
0.85916	4.665363	98.370123	0.985491
0.004208	0.160578	149.278102	
1.00000	4.665363	98.370123	0.985491
0.004208	0.571990	144.736840	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.733985	-49.535409	-0.983752
-0.004219	-1.074935	-25.430340	
0.57749	-9.733985	-49.535409	-0.983752
-0.004219	-0.663058	-18.531785	
0.71833	-9.733985	-49.535409	-0.983752
-0.004219	-0.264194	-30.147474	
0.85916	-9.733985	-49.535409	-0.983752
-0.004219	-0.161732	-43.184998	
1.00000	-9.733985	-49.535409	-0.983752
-0.004219	-0.575111	-57.696226	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	9.042201	83.965092	1.155235
0.002978	1.276297	169.189370	
0.57749	9.042201	83.965092	1.155235
0.002978	0.794451	144.953252	
0.71833	9.042201	83.965092	1.155235
0.002978	0.316430	128.482890	
0.85916	9.042201	83.965092	1.155235
0.002978	0.178668	120.671101	
1.00000	9.042201	83.965092	1.155235
0.002978	0.663026	134.209470	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-8.360117	-96.214374	-1.158039
-0.003006	-1.276699	-99.282807	
0.57749	-8.360117	-96.214374	-1.158039
-0.003006	-0.791557	-70.599253	
0.71833	-8.360117	-96.214374	-1.158039
-0.003006	-0.314189	-54.144919	
0.85916	-8.360117	-96.214374	-1.158039
-0.003006	-0.177134	-40.817722	
1.00000	-8.360117	-96.214374	-1.158039
-0.003006	-0.661345	-50.666030	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	8.629977	4.542003	0.585399
0.000451	0.653419	6.136715	
0.57749	8.629977	4.542003	0.585399
0.000451	0.407388	5.307572	
0.71833	8.629977	4.542003	0.585399
0.000451	0.162694	4.719405	
0.85916	8.629977	4.542003	0.585399
0.000451	0.084236	4.143853	
1.00000	8.629977	4.542003	0.585399
0.000451	0.327726	3.574482	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.278317	-82.846853	-0.582091
-0.000474	-0.648847	-150.823975	
0.57749	-0.278317	-82.846853	-0.582091
-0.000474	-0.404771	-116.976169	
0.71833	-0.278317	-82.846853	-0.582091
-0.000474	-0.160789	-83.188840	
0.85916	-0.278317	-82.846853	-0.582091
-0.000474	-0.081775	-49.413109	
1.00000	-0.278317	-82.846853	-0.582091
-0.000474	-0.326160	-15.650619	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	14.538751	24.586482	0.812196
0.006336	0.880524	89.112941	
0.57749	14.538751	24.586482	0.812196
0.006336	0.547080	83.611364	
0.71833	14.538751	24.586482	0.812196
0.006336	0.222311	91.500758	
0.85916	14.538751	24.586482	0.812196
0.006336	0.151815	115.087729	
1.00000	14.538751	24.586482	0.812196
0.006336	0.505597	138.892264	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-1.533477	-168.973207	-0.847296
-0.006367	-0.916554	-190.146900	
0.57749	-1.533477	-168.973207	-0.847296
-0.006367	-0.563132	-123.909978	
0.71833	-1.533477	-168.973207	-0.847296
-0.006367	-0.229931	-83.334279	
0.85916	-1.533477	-168.973207	-0.847296
-0.006367	-0.142002	-44.473954	
1.00000	-1.533477	-168.973207	-0.847296
-0.006367	-0.480861	-7.192187	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	13.105570	63.938852	0.972313
0.004802	1.065729	186.658197	
0.57749	13.105570	63.938852	0.972313
0.004802	0.663146	163.516173	
0.71833	13.105570	63.938852	0.972313
0.004802	0.267287	150.094729	
0.85916	13.105570	63.938852	0.972313
0.004802	0.161284	148.012293	
1.00000	13.105570	63.938852	0.972313
0.004802	0.566788	146.905720	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-4.782353	-140.522943	-0.971918
-0.004843	-1.061693	-167.966548	
0.57749	-4.782353	-140.522943	-0.971918
-0.004843	-0.655597	-112.622564	
0.71833	-4.782353	-140.522943	-0.971918
-0.004843	-0.263595	-75.789314	
0.85916	-4.782353	-140.522943	-0.971918
-0.004843	-0.158187	-40.180832	
1.00000	-4.782353	-140.522943	-0.971918
-0.004843	-0.564709	-6.898849	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	11.624666	76.896490	1.190625
0.004233	1.310457	167.561457	
0.57749	11.624666	76.896490	1.190625
0.004233	0.815574	141.861541	
0.71833	11.624666	76.896490	1.190625
0.004233	0.325965	128.443394	
0.85916	11.624666	76.896490	1.190625
0.004233	0.186723	124.908676	
1.00000	11.624666	76.896490	1.190625
0.004233	0.676764	124.394664	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-7.038276	-118.504687	-1.172195
-0.004278	-1.287215	-142.368484	
0.57749	-7.038276	-118.504687	-1.172195
-0.004278	-0.796962	-100.439831	
0.71833	-7.038276	-118.504687	-1.172195
-0.004278	-0.318035	-77.343349	
0.85916	-7.038276	-118.504687	-1.172195
-0.004278	-0.187677	-55.588985	
1.00000	-7.038276	-118.504687	-1.172195
-0.004278	-0.686112	-37.112764	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	15.697290	101.556857	0.701151
0.006428	0.776229	216.460958	
0.57749	15.697290	101.556857	0.701151
0.006428	0.483578	182.947818	
0.71833	15.697290	101.556857	0.701151
0.006428	0.191140	158.918106	
0.85916	15.697290	101.556857	0.701151
0.006428	0.126061	149.873164	
1.00000	15.697290	101.556857	0.701151
0.006428	0.445796	144.412382	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.956830	-171.699777	-0.763411
-0.006454	-0.835072	-187.913323	
0.57749	-11.956830	-171.699777	-0.763411
-0.006454	-0.515520	-124.609925	
0.71833	-11.956830	-171.699777	-0.763411
-0.006454	-0.207047	-81.747605	
0.85916	-11.956830	-171.699777	-0.763411
-0.006454	-0.115784	-60.846185	
1.00000	-11.956830	-171.699777	-0.763411
-0.006454	-0.409503	-77.686211	

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	14.538751	104.673672	1.190625
0.006336	1.310457	225.159425	
0.57749	14.538751	104.673672	1.190625
0.006336	0.815574	194.042967	
0.71833	14.538751	104.673672	1.190625
0.006336	0.325965	172.553061	
0.85916	14.538751	104.673672	1.190625
0.006336	0.187378	162.644724	
1.00000	14.538751	104.673672	1.190625
0.006336	0.689751	156.499276	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.635872	-168.973207	-1.200198
-0.006367	-1.320921	-190.146900	
0.57749	-11.635872	-168.973207	-1.200198
-0.006367	-0.818143	-123.909978	
0.71833	-11.635872	-168.973207	-1.200198
-0.006367	-0.324293	-83.334279	
0.85916	-11.635872	-168.973207	-1.200198
-0.006367	-0.187677	-71.530064	
1.00000	-11.635872	-168.973207	-1.200198
-0.006367	-0.686112	-92.728821	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	15.697290	104.673672	1.190625
0.006428	1.310457	225.159425	
0.57749	15.697290	104.673672	1.190625
0.006428	0.815574	194.042967	
0.71833	15.697290	104.673672	1.190625
0.006428	0.325965	172.553061	
0.85916	15.697290	104.673672	1.190625
0.006428	0.187378	162.644724	
1.00000	15.697290	104.673672	1.190625
0.006428	0.689751	156.499276	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.956830	-171.699777	-1.200198
-0.006454	-1.320921	-190.146900	
0.57749	-11.956830	-171.699777	-1.200198
-0.006454	-0.818143	-124.609925	
0.71833	-11.956830	-171.699777	-1.200198
-0.006454	-0.324293	-83.334279	
0.85916	-11.956830	-171.699777	-1.200198
-0.006454	-0.187677	-71.530064	
1.00000	-11.956830	-171.699777	-1.200198
-0.006454	-0.686112	-92.728821	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	15.697290	104.673672	1.190625
0.006428	1.310457	225.159425	
0.57749	15.697290	104.673672	1.190625
0.006428	0.815574	194.042967	
0.71833	15.697290	104.673672	1.190625
0.006428	0.325965	172.553061	
0.85916	15.697290	104.673672	1.190625
0.006428	0.187378	162.644724	
1.00000	15.697290	104.673672	1.190625
0.006428	0.689751	156.499276	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.956830	-171.699777	-1.200198
-0.006454	-1.320921	-190.146900	
0.57749	-11.956830	-171.699777	-1.200198
-0.006454	-0.818143	-124.609925	
0.71833	-11.956830	-171.699777	-1.200198
-0.006454	-0.324293	-83.334279	
0.85916	-11.956830	-171.699777	-1.200198
-0.006454	-0.187677	-71.530064	
1.00000	-11.956830	-171.699777	-1.200198
-0.006454	-0.686112	-92.728821	

FRAME ELEMENT INTERNAL FORCES

ELEM 289 ========== LENGTH = 2.978167

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.180490	23.206270	0.361334
1.27E-05	0.202016	4.210335	
0.14087	0.180490	23.206270	0.361334
1.27E-05	0.050279	5.202140	
0.28174	0.180490	23.206270	0.361334
1.27E-05	0.102090	6.275150	
0.42262	0.180490	23.206270	0.361334
1.27E-05	0.255096	7.381188	
0.56349	0.180490	23.206270	0.361334
1.27E-05	0.408103	8.498531	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.213299	-2.675770	-0.364704
-1.31E-05	-0.203932	-57.071552	
0.14087	-5.213299	-2.675770	-0.364704
-1.31E-05	-0.050845	-66.691527	
0.28174	-5.213299	-2.675770	-0.364704
-1.31E-05	-0.101197	-76.334037	
0.42262	-5.213299	-2.675770	-0.364704
-1.31E-05	-0.252785	-85.977101	
0.56349	-5.213299	-2.675770	-0.364704
-1.31E-05	-0.404373	-95.646779	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.117836	52.421876	0.579120
0.000349	0.324855	10.057140	
0.14087	1.117836	52.421876	0.579120
0.000349	0.081769	9.611371	
0.28174	1.117836	52.421876	0.579120
0.000349	0.163280	9.903367	
0.42262	1.117836	52.421876	0.579120
0.000349	0.407997	10.990466	
0.56349	1.117836	52.421876	0.579120
0.000349	0.653250	12.482104	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.050688	-3.926458	-0.584703
-0.000354	-0.327982	-77.724916	
0.14087	-9.050688	-3.926458	-0.584703
-0.000354	-0.082282	-96.804414	
0.28174	-9.050688	-3.926458	-0.584703
-0.000354	-0.161696	-116.634434	
0.42262	-9.050688	-3.926458	-0.584703
-0.000354	-0.404524	-136.673947	
0.56349	-9.050688	-3.926458	-0.584703
-0.000354	-0.647319	-157.713155	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.280776	100.665491	0.591373
0.000483	0.331486	61.201410	
0.14087	1.280776	100.665491	0.591373
0.000483	0.083294	40.114374	
0.28174	1.280776	100.665491	0.591373
0.000483	0.173209	33.515991	
0.42262	1.280776	100.665491	0.591373
0.000483	0.430258	31.034897	
0.56349	1.280776	100.665491	0.591373
0.000483	0.687419	30.068017	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.789306	-3.760732	-0.613002
-0.000520	-0.341436	-68.819052	
0.14087	-11.789306	-3.760732	-0.613002
-0.000520	-0.084422	-83.064019	
0.28174	-11.789306	-3.760732	-0.613002
-0.000520	-0.164665	-97.508119	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.42262	-11.789306	-3.760732	-0.613002
-0.000520	-0.412844	-134.703843	
0.56349	-11.789306	-3.760732	-0.613002
-0.000520	-0.660945	-176.642160	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.477683	120.932323	0.660189
0.003992	0.384765	135.341442	
0.14087	5.477683	120.932323	0.660189
0.003992	0.108214	120.701078	
0.28174	5.477683	120.932323	0.660189
0.003992	0.194886	118.595206	
0.42262	5.477683	120.932323	0.660189
0.003992	0.475479	128.790118	
0.56349	5.477683	120.932323	0.660189
0.003992	0.767248	146.221948	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.914567	-52.925488	-0.697492
-0.003979	-0.403677	-58.755990	
0.14087	-11.914567	-52.925488	-0.697492
-0.003979	-0.111658	-71.094118	
0.28174	-11.914567	-52.925488	-0.697492
-0.003979	-0.182289	-83.775331	
0.42262	-11.914567	-52.925488	-0.697492
-0.003979	-0.455648	-115.158841	
0.56349	-11.914567	-52.925488	-0.697492
-0.003979	-0.729433	-157.752267	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.199332	40.878608	0.199259

```
 0.000293    0.111892   15.042254
 0.14087     1.199332   40.878608    0.199259
 0.000293    0.028340    8.973336
 0.28174     1.199332   40.878608    0.199259
 0.000293    0.056620    6.902557
 0.42262     1.199332   40.878608    0.199259
 0.000293    0.139866    6.162543
 0.56349     1.199332   40.878608    0.199259
 0.000293    0.224051    5.840193

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.499699   -1.058277   -0.200714
-0.000303   -0.112763  -10.500609
 0.14087   -4.499699   -1.058277   -0.200714
-0.000303   -0.026483  -14.793151
 0.28174   -4.499699   -1.058277   -0.200714
-0.000303   -0.055210  -29.234205
 0.42262   -4.499699   -1.058277   -0.200714
-0.000303   -0.138828  -45.581823
 0.56349   -4.499699   -1.058277   -0.200714
-0.000303   -0.222416  -62.451489

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.927456  133.126193    0.282323
 0.005282   0.178992  144.664501
 0.14087    1.927456  133.126193    0.282323
 0.005282   0.061271   99.184446
 0.28174    1.927456  133.126193    0.282323
 0.005282   0.090101   70.065353
 0.42262    1.927456  133.126193    0.282323
 0.005282   0.209104   57.571957
 0.56349    1.927456  133.126193    0.282323
 0.005282   0.343435   54.940391

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.541859   -9.065603   -0.322967
-0.005325   -0.199117  -13.596531
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3102

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.14087   -9.541859   -9.065603   -0.322967
-0.005325   -0.064588  -14.698626
 0.28174   -9.541859   -9.065603   -0.322967
-0.005325   -0.075808  -19.509856
 0.42262   -9.541859   -9.065603   -0.322967
-0.005325   -0.189314  -49.162871
 0.56349   -9.541859   -9.065603   -0.322967
-0.005325   -0.303400  -93.921378

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.930337  139.343122    0.527700
 0.004879   0.313797  132.630797
 0.14087    1.930337  139.343122    0.527700
 0.004879   0.093366   92.670905
 0.28174    1.930337  139.343122    0.527700
 0.004879   0.157939   67.157707
 0.42262    1.930337  139.343122    0.527700
 0.004879   0.380295   56.643546
 0.56349    1.930337  139.343122    0.527700
 0.004879   0.616459   55.037046

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -12.439269   -9.999909   -0.565432
-0.004790   -0.332932  -49.628248
 0.14087  -12.439269   -9.999909   -0.565432
-0.004790   -0.096566  -61.470911
 0.28174  -12.439269   -9.999909   -0.565432
-0.004790   -0.144732  -73.945364
 0.42262  -12.439269   -9.999909   -0.565432
-0.004790   -0.231720  -110.614654
 0.56349  -12.439269   -9.999909   -0.565432
-0.004790   -0.579147  -157.368186

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.990974  110.292805    0.667366
 0.003599   0.386217  121.229416
 0.14087    7.990974  110.292805    0.667366
 0.003599   0.106536  118.292069
 0.28174    7.990974  110.292805    0.667366
 0.003599   0.196604  128.151531
 0.42262    7.990974  110.292805    0.667366
 0.003599   0.481974  148.632204
 0.56349    7.990974  110.292805    0.667366
 0.003599   0.776403  175.248662

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -10.208366  -73.654385   -0.703452
-0.003530   -0.404457  -43.547873
 0.14087  -10.208366  -73.654385   -0.703452
-0.003530   -0.109888  -53.995235
 0.28174  -10.208366  -73.654385   -0.703452
-0.003530   -0.184286  -64.832923
 0.42262  -10.208366  -73.654385   -0.703452
-0.003530   -0.461377  -94.701702
 0.56349  -10.208366  -73.654385   -0.703452
-0.003530   -0.738760  -134.272993

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    9.485654    4.126354    0.397740
 0.000618   0.223144    2.922914
 0.14087    9.485654    4.126354    0.397740
 0.000618   0.056214   26.310987
 0.28174    9.485654    4.126354    0.397740
 0.000618   0.114314   60.598475
 0.42262    9.485654    4.126354    0.397740
 0.000618   0.286661   95.156679
 0.56349    9.485654    4.126354    0.397740
 0.000618   0.459019  129.807224
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3103

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -0.247596  -82.796599   -0.410829
-0.000600   -0.230424  -10.286296
 0.14087   -0.247596  -82.796599   -0.410829
-0.000600   -0.058038   -4.999818
 0.28174   -0.247596  -82.796599   -0.410829
-0.000600   -0.110596   -5.331999
 0.42262   -0.247596  -82.796599   -0.410829
-0.000600   -0.277476   -7.020357
 0.56349   -0.247596  -82.796599   -0.410829
-0.000600   -0.444340   -8.471623

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.813561   83.818010    0.526030
 0.006546   0.319521  126.714428
 0.14087   11.813561   83.818010    0.526030
 0.006546   0.099570  135.219507
 0.28174   11.813561   83.818010    0.526030
 0.006546   0.159883  148.013590
 0.42262   11.813561   83.818010    0.526030
 0.006546   0.383987  178.073393
 0.56349   11.813561   83.818010    0.526030
 0.006546   0.626633  218.919738

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.455265  -110.080761   -0.581711
-0.006531   -0.350119   -5.315412
 0.14087   -4.455265  -110.080761   -0.581711
-0.006531   -0.106927   -6.862153
 0.28174   -4.455265  -110.080761   -0.581711
-0.006531   -0.143741   -8.422099
 0.42262   -4.455265  -110.080761   -0.581711
-0.006531   -0.358322  -11.692100
 0.56349   -4.455265  -110.080761   -0.581711
-0.006531   -0.573717  -31.445272

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.257217  110.439842    0.582512
 0.004961   0.344007  127.426078
 0.14087   11.257217  110.439842    0.582512
 0.004961   0.102218  125.599308
 0.28174   11.257217  110.439842    0.582512
 0.004961   0.174935  139.032828
 0.42262   11.257217  110.439842    0.582512
 0.004961   0.424300  166.542703
 0.56349   11.257217  110.439842    0.582512
 0.004961   0.686490  202.416258

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -7.469164  -98.766619   -0.627280
-0.004956   -0.366668   -6.169498
 0.14087   -7.469164  -98.766619   -0.627280
-0.004956   -0.104466   -7.681716
 0.28174   -7.469164  -98.766619   -0.627280
-0.004956   -0.159716   -9.942903
 0.42262   -7.469164  -98.766619   -0.627280
-0.004956   -0.399987  -35.053371
 0.56349   -7.469164  -98.766619   -0.627280
-0.004956   -0.640707  -72.292166

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   10.028057  111.000730    0.695841
 0.004210   0.404363  107.487399
 0.14087   10.028057  111.000730    0.695841
 0.004210   0.112829  106.706928
 0.28174   10.028057  111.000730    0.695841
 0.004210   0.205251  118.441838
 0.42262   10.028057  111.000730    0.695841
 0.004210   0.502589  141.945571
 0.56349   10.028057  111.000730    0.695841
 0.004210   0.810508  172.372875
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3104

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.332687  -83.543750   -0.735870
-0.004218   -0.424799  -32.486752
 0.14087   -9.332687  -83.543750   -0.735870
-0.004218   -0.116728  -41.356879
 0.28174   -9.332687  -83.543750   -0.735870
-0.004218   -0.191834  -50.640240
 0.42262   -9.332687  -83.543750   -0.735870
-0.004218   -0.480381  -78.714508
 0.56349   -9.332687  -83.543750   -0.735870
-0.004218   -0.769302  -117.473006

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.227614   30.240595    0.597262
 8.92E-06   0.033818    5.624269
 0.14087    0.227614   30.240595    0.597262
 8.92E-06   0.082774    6.900244
 0.28174    0.227614   30.240595    0.597262
 8.92E-06   0.182352    8.266432
 0.42262    0.227614   30.240595    0.597262
 8.92E-06   0.458089    9.668915
 0.56349    0.227614   30.240595    0.597262
 8.92E-06   0.733296   11.077721

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -5.986344   -3.367599   -0.655416
-9.27E-06   -0.365481   -70.573121
 0.14087   -5.986344   -3.367599   -0.655416
-9.27E-06   -0.089993   -83.110220
 0.28174   -5.986344   -3.367599   -0.655416
-9.27E-06   -0.166983   -95.721803
 0.42262   -5.986344   -3.367599   -0.655416
-9.27E-06   -0.417684  -108.365296
 0.56349   -5.986344   -3.367599   -0.655416
-9.27E-06   -0.668309  -121.035566

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.236510   62.069311    0.990717
 0.000258   0.553158   11.296262
 0.14087    1.236510   62.069311    0.990717
 0.000258   0.137125   11.328506
 0.28174    1.236510   62.069311    0.990717
 0.000258   0.281058   12.315696
 0.42262    1.236510   62.069311    0.990717
 0.000258   0.706641   13.819235
 0.56349    1.236510   62.069311    0.990717
 0.000258   1.132096   15.669156

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.316170   -4.794733   -1.012991
-0.000262   -0.565702  -92.780297
 0.14087   -9.316170   -4.794733   -1.012991
-0.000262   -0.140448  -115.850057
 0.28174   -9.316170   -4.794733   -1.012991
-0.000262   -0.278369  -139.762865
 0.42262   -9.316170   -4.794733   -1.012991
-0.000262   -0.693743  -164.655722
 0.56349   -9.316170   -4.794733   -1.012991
-0.000262   -1.109334  -190.202244

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.558300  103.853074    1.047039
 0.000406   0.584280   79.405705
 0.14087    1.558300  103.853074    1.047039
 0.000406   0.144249   59.920820
 0.28174    1.558300  103.853074    1.047039
 0.000406   0.297556   46.802051
 0.42262    1.558300  103.853074    1.047039
 0.000406   0.746943   41.461125
 0.56349    1.558300  103.853074    1.047039
 0.000406   1.196129   39.839388
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3105

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -11.473286   -5.390122   -1.069605
-0.000432   -0.595315   -82.341883
 0.14087  -11.473286   -5.390122   -1.069605
-0.000432   -0.146800  -100.878158
 0.28174  -11.473286   -5.390122   -1.069605
-0.000432   -0.295033  -119.697497
 0.42262  -11.473286   -5.390122   -1.069605
-0.000432   -0.734826  -156.673539
 0.56349  -11.473286   -5.390122   -1.069605
-0.000432   -1.173854  -196.989318

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    5.347362  115.541821    1.141642
 0.003095   0.651100  147.940766
 0.14087    5.347362  115.541821    1.141642
 0.003095   0.171675  139.239631
 0.28174    5.347362  115.541821    1.141642
 0.003095   0.322397  135.744256
 0.42262    5.347362  115.541821    1.141642
 0.003095   0.806963  144.851195
 0.56349    5.347362  115.541821    1.141642
 0.003095   1.298116  161.909093

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -11.363617   -53.565578   -1.172312
-0.003116   -0.666613   -70.211333
 0.14087  -11.363617   -53.565578   -1.172312
-0.003116   -0.175451   -86.221030
 0.28174  -11.363617   -53.565578   -1.172312
-0.003116   -0.317782  -102.618981
 0.42262  -11.363617   -53.565578   -1.172312
-0.003116   -0.789691  -133.839561
 0.56349  -11.363617   -53.565578   -1.172312
-0.003116   -1.265229  -174.945716

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.264389   39.794530    0.378402
 0.000241   0.210032   18.174722
 0.14087    1.264389   39.794530    0.378402
 0.000241   0.051934    9.995155
 0.28174    1.264389   39.794530    0.378402
 0.000241   0.092978    6.987984
 0.42262    1.264389   39.794530    0.378402
 0.000241   0.233141    5.812694
 0.56349    1.264389   39.794530    0.378402
 0.000241   0.374199    5.354898

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -3.792601   -0.964212   -0.334912
-0.000249   -0.135583   -16.612204
 0.14087   -3.792601   -0.964212   -0.334912
-0.000249   -0.046767   -15.762496
 0.28174   -3.792601   -0.964212   -0.334912
-0.000249   -0.107919   -28.759123
 0.42262   -3.792601   -0.964212   -0.334912
-0.000249   -0.266450   -44.045047
 0.56349   -3.792601   -0.964212   -0.334912
-0.000249   -0.425284   -59.970363

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.138932  119.738301    0.549191
 0.004518   0.325380  156.488137
 0.14087    2.138932  119.738301    0.549191
 0.004518   0.095503  116.965604
 0.28174    2.138932  119.738301    0.549191
 0.004518   0.145848   84.194412
 0.42262    2.138932  119.738301    0.549191
 0.004518   0.352989   69.716335
 0.56349    2.138932  119.738301    0.549191
 0.004518   0.574303   66.391320
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3106

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.281357  -10.017809   -0.530871
-0.004549   -0.314126  -10.119765
 0.14087   -8.281357  -10.017809   -0.530871
-0.004549   -0.094134   -15.051886
 0.28174   -8.281357  -10.017809   -0.530871
-0.004549   -0.153892   -21.390352
 0.42262   -8.281357  -10.017809   -0.530871
-0.004549   -0.372538   -46.910543
 0.56349   -8.281357  -10.017809   -0.530871
-0.004549   -0.597721   -86.670881

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.288776  133.236705    0.952311
 0.004191   0.364519  144.734326
 0.14087    2.288776  133.236705    0.952311
 0.004191   0.149735  109.931323
 0.28174    2.288776  133.236705    0.952311
 0.004191   0.262292   81.230629
 0.42262    2.288776  133.236705    0.952311
 0.004191   0.648048   69.190633
 0.56349    2.288776  133.236705    0.952311
 0.004191   1.046174   67.152211

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -11.505146  -11.348713   -0.951520
-0.004101   -0.547661   -57.726039
 0.14087  -11.505146  -11.348713   -0.951520
-0.004101   -0.149748   -72.493163
 0.28174  -11.505146  -11.348713   -0.951520
-0.004101   -0.266675   -88.797906
 0.42262  -11.505146  -11.348713   -0.951520
-0.004101   -0.655662  -122.268209
 0.56349  -11.505146  -11.348713   -0.951520
-0.004101   -1.050375  -168.588455

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.674816  104.801062    1.141745
 0.002871   0.649112  134.162588
 0.14087    7.674816  104.801062    1.141745
 0.002871   0.170324  135.898516
 0.28174    7.674816  104.801062    1.141745
 0.002871   0.314626  142.859083
 0.42262    7.674816  104.801062    1.141745
 0.002871   0.783473  161.821961
 0.56349    7.674816  104.801062    1.141745
 0.002871   1.259833  187.699322

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.387442  -73.729355   -1.136953
-0.002799   -0.645617   -50.684838
 0.14087   -9.387442   -73.729355   -1.136953
-0.002799   -0.169604   -63.704628
 0.28174   -9.387442   -73.729355   -1.136953
-0.002799   -0.317827   -77.812351
 0.42262   -9.387442   -73.729355   -1.136953
-0.002799   -0.789928  -106.650686
 0.56349   -9.387442   -73.729355   -1.136953
-0.002799   -1.266457  -144.028457

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    8.698432    4.545635    0.606538
 0.000510   0.340821    3.571149
 0.14087    8.698432    4.545635    0.606538
 0.000510   0.086790   26.025788
 0.28174    8.698432    4.545635    0.606538
 0.000510   0.163741   60.164693
 0.42262    8.698432    4.545635    0.606538
 0.000510   0.411700   94.653459
 0.56349    8.698432    4.545635    0.606538
 0.000510   0.659686  129.377221
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3107

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -0.267817  -83.221959   -0.591029
-0.000507   -0.332242   -15.693061
 0.14087   -0.267817  -83.221959   -0.591029
-0.000507   -0.084476   -6.620337
 0.28174   -0.267817  -83.221959   -0.591029
-0.000507   -0.165706   -7.591040
 0.42262   -0.267817  -83.221959   -0.591029
-0.000507   -0.419483   -8.902529
 0.56349   -0.267817  -83.221959   -0.591029
-0.000507   -0.674516  -10.641803

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   10.879334   80.209187    0.837419
 0.006409   0.498118  138.914856
 0.14087   10.879334   80.209187    0.837419
 0.006409   0.147848  148.726183
 0.28174   10.879334   80.209187    0.837419
 0.006409   0.233093  162.024138
 0.42262   10.879334   80.209187    0.837419
 0.006409   0.569292  189.722092
 0.56349   10.879334   80.209187    0.837419
 0.006409   0.924429  229.448758

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.501872  -109.627295   -0.851975
-0.006401   -0.505835   -7.206433
 0.14087   -4.501872  -109.627295   -0.851975
-0.006401   -0.149562   -8.253368
 0.28174   -4.501872  -109.627295   -0.851975
-0.006401   -0.225621   -10.130735
 0.42262   -4.501872  -109.627295   -0.851975
-0.006401   -0.560602   -13.774926
 0.56349   -4.501872  -109.627295   -0.851975
-0.006401   -0.904939   -36.073929

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   10.489393  103.725739    0.980465
 0.004984   0.569234  146.856694
 0.14087   10.489393  103.725739    0.980465
 0.004984   0.158964  146.396529
 0.28174   10.489393  103.725739    0.980465
 0.004984   0.264493  152.264844
 0.42262   10.489393  103.725739    0.980465
 0.004984   0.653097  175.830516
 0.56349   10.489393  103.725739    0.980465
 0.004984   1.054624  209.941040

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -6.853772   -97.868115   -0.961900
-0.004988   -0.553612   -6.911112
 0.14087   -6.853772   -97.868115   -0.961900
-0.004988   -0.156308   -8.203720
 0.28174   -6.853772   -97.868115   -0.961900
-0.004988   -0.269452   -12.326364
 0.42262   -6.853772   -97.868115   -0.961900
-0.004988   -0.668397   -32.156266
 0.56349   -6.853772   -97.868115   -0.961900
-0.004988   -1.074764   -65.695258

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    9.455222  109.748686    1.182435
 0.004243   0.677929  124.359784
 0.14087    9.455222  109.748686    1.182435
 0.004243   0.182653  124.794058
 0.28174    9.455222  109.748686    1.182435
 0.004243   0.318670  130.443951
 0.42262    9.455222  109.748686    1.182435
 0.004243   0.791030  150.743906
 0.56349    9.455222  109.748686    1.182435
 0.004243   1.274484  179.817751
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                              3108

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.721918   -83.104498   -1.155523
-0.004240   -0.662450   -37.128296
 0.14087   -8.721918   -83.104498   -1.155523
-0.004240   -0.177266   -47.637032
 0.28174   -8.721918   -83.104498   -1.155523
-0.004240   -0.327587   -60.267450
 0.42262   -8.721918   -83.104498   -1.155523
-0.004240   -0.813378   -86.297098
 0.56349   -8.721918   -83.104498   -1.155523
-0.004240   -1.305348  -123.842263

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.813561  139.343122    0.695841
 0.006546   0.404363  144.664501
 0.14087   11.813561  139.343122    0.695841
 0.006546   0.112829  135.219507
 0.28174   11.813561  139.343122    0.695841
 0.006546   0.205251  148.013590
 0.42262   11.813561  139.343122    0.695841
 0.006546   0.502589  178.073393
 0.56349   11.813561  139.343122    0.695841
 0.006546   0.810508  218.919738

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -12.439269  -110.080761   -0.735870
-0.006531   -0.424799   -77.724916
 0.14087  -12.439269  -110.080761   -0.735870
-0.006531   -0.116728   -96.804114
```

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 0.28174   -12.439269  -110.080761    -0.735870
-0.006531    -0.191834  -116.634434
 0.42262   -12.439269  -110.080761    -0.735870
-0.006531    -0.480381  -136.673947
 0.56349   -12.439269  -110.080761    -0.735870
-0.006531    -0.769302  -176.642160

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   10.879334  133.236705    1.182435
 0.006409   0.677929  156.488137
 0.14087   10.879334  133.236705    1.182435
 0.006409   0.182653  148.726183
 0.28174   10.879334  133.236705    1.182435
 0.006409   0.324297  162.024138
 0.42262   10.879334  133.236705    1.182435
 0.006409   0.806963  189.722092
 0.56349   10.879334  133.236705    1.182435
 0.006409   1.298116  229.448758

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -11.505146  -109.627295   -1.172312
-0.006401   -0.666613   -92.780297
 0.14087  -11.505146  -109.627295   -1.172312
-0.006401   -0.179266  -115.850057
 0.28174  -11.505146  -109.627295   -1.172312
-0.006401   -0.327587  -139.762865
 0.42262  -11.505146  -109.627295   -1.172312
-0.006401   -0.813378  -164.655722
 0.56349  -11.505146  -109.627295   -1.172312
-0.006401   -1.305348  -196.989318

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.813561  139.343122    1.182435
 0.006546   0.677929  156.488137
 0.14087   11.813561  139.343122    1.182435
 0.006546   0.182653  148.726183
 0.28174   11.813561  139.343122    1.182435
 0.006546   0.324297  162.024138
 0.42262   11.813561  139.343122    1.182435
 0.006546   0.806963  189.722092
 0.56349   11.813561  139.343122    1.182435
 0.006546   1.298116  229.448758
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3109

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -12.439269  -110.080761   -1.172312
-0.006531   -0.666613   -92.780297
 0.14087  -12.439269  -110.080761   -1.172312
-0.006531   -0.179266  -115.850057
 0.28174  -12.439269  -110.080761   -1.172312
-0.006531   -0.327587  -139.762865
 0.42262  -12.439269  -110.080761   -1.172312
-0.006531   -0.813378  -164.655722
 0.56349  -12.439269  -110.080761   -1.172312
-0.006531   -1.305348  -196.989318

COMB    DESIGN ---------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.813561  139.343122    1.182435
 0.006546   0.677929  156.488137
 0.14087   11.813561  139.343122    1.182435
 0.006546   0.182653  148.726183
 0.28174   11.813561  139.343122    1.182435
 0.006546   0.324297  162.024138
 0.42262   11.813561  139.343122    1.182435
 0.006546   0.806963  189.722092
 0.56349   11.813561  139.343122    1.182435
 0.006546   1.298116  229.448758

COMB    DESIGN ---------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -12.439269  -110.080761   -1.172312
-0.006531   -0.666613   -92.780297
 0.14087  -12.439269  -110.080761   -1.172312
-0.006531   -0.179266  -115.850057
 0.28174  -12.439269  -110.080761   -1.172312
-0.006531   -0.327587  -139.762865
 0.42262  -12.439269  -110.080761   -1.172312
-0.006531   -0.813378  -164.655722
 0.56349  -12.439269  -110.080761   -1.172312
-0.006531   -1.305348  -196.989318

ELEM      290 ================== LENGTH
=     2.976714

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.101154   20.535396    0.367064
 1.51E-05  0.407625    1.598876
 0.57754   0.101154   20.535396    0.367064
 1.51E-05  0.253760    1.463701
 0.71836   0.101154   20.535396    0.367064
 1.51E-05  0.099919    2.688166
 0.85918   0.101154   20.535396    0.367064
 1.51E-05  0.053904    4.266691
 1.00000   0.101154   20.535396    0.367064
 1.51E-05  0.205835    6.025346

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -4.823517   -4.754465   -0.363700
-0.000722   -0.404001   -21.998830
 0.57754   -4.823517   -4.754465   -0.363700
-0.000722   -0.251546   -30.099502
 0.71836   -4.823517   -4.754465   -0.363700
-0.000722   -0.099381   -38.253987
 0.85918   -4.823517   -4.754465   -0.363700
-0.000722   -0.053848   -46.440085
 1.00000   -4.823517   -4.754465   -0.363700
-0.000722   -0.207836   -54.705772

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.934745   47.038721    0.587310
 0.000402  0.651737   31.685995
 0.57754   0.934745   47.038721    0.587310
 0.000402  0.405598   22.589702
 0.71836   0.934745   47.038721    0.587310
 0.000402  0.160086   16.393506
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3110

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.85918   0.934745   47.038721    0.587310
 0.000402  0.085384   11.710308
 1.00000   0.934745   47.038721    0.587310
 0.000402  0.328318   12.482594

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -8.651502   -8.659270    -0.579907
-0.001461   -0.644463   -25.299318
 0.57754   -8.651502   -8.659270    -0.579907
-0.001461   -0.401381   -34.617544
 0.71836   -8.651502   -8.659270    -0.579907
-0.001461   -0.158271   -46.313026
 0.85918   -8.651502   -8.659270    -0.579907
-0.001461   -0.086757   -60.108710
 1.00000   -8.651502   -8.659270    -0.579907
-0.001461   -0.333053   -75.173536

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    1.017479   97.781367    0.703797
 0.000103   0.781985  176.526087
 0.57754    1.017479   97.781367    0.703797
 0.000103   0.486966  145.191775
 0.71836    1.017479   97.781367    0.703797
 0.000103   0.191914  115.960290
 0.85918    1.017479   97.781367    0.703797
 0.000103   0.085531   87.513553
 1.00000    1.017479   97.781367    0.703797
 0.000103   0.332379   62.215657

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.673408   -6.727802   -0.588704
-0.001126   -0.654730  -22.239676
 0.57754  -11.673408   -6.727802   -0.588704
-0.001126   -0.407956  -31.103354
 0.71836  -11.673408   -6.727802   -0.588704
-0.001126   -0.161168  -42.176797
 0.85918  -11.673408   -6.727802   -0.588704
-0.001126   -0.102969  -54.156676
 1.00000  -11.673408   -6.727802   -0.588704
-0.001126   -0.398080  -66.912289

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    7.519363   85.363564    0.789367
 0.003972   0.863751  163.319121
 0.57754    7.519363   85.363564    0.789367
 0.003972   0.532882  138.759954
 0.71836    7.519363   85.363564    0.789367
 0.003972   0.214664  123.760264
 0.85918    7.519363   85.363564    0.789367
 0.003972   0.109847  121.819277
 1.00000    7.519363   85.363564    0.789367
 0.003972   0.383075  134.346347

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -10.119289  -90.940756   -0.663429
-0.004533   -0.737594  -79.984716
 0.57754  -10.119289  -90.940756   -0.663429
-0.004533   -0.459505  -56.957458
 0.71836  -10.119289  -90.940756   -0.663429
-0.004533   -0.181374  -47.013670
 0.85918  -10.119289  -90.940756   -0.663429
-0.004533   -0.129927  -46.429453
 1.00000  -10.119289  -90.940756   -0.663429
-0.004533   -0.460449  -57.863070

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.932660   40.029578    0.224166
 0.000285  0.249045   72.664764
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3111

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.57754   0.932660   40.029578    0.224166
 0.000285  0.155064   56.053212
 0.71836   0.932660   40.029578    0.224166
 0.000285  0.061142   40.249852
 0.85918   0.932660   40.029578    0.224166
 0.000285  0.028322   25.137711
 1.00000   0.932660   40.029578    0.224166
 0.000285  0.110751   14.906613

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -4.662874   -1.545079   -0.196551
-0.000537   -0.218815   -3.461819
 0.57754   -4.662874   -1.545079   -0.196551
-0.000537   -0.136439   -3.078699
 0.71836   -4.662874   -1.545079   -0.196551
-0.000537   -0.054007   -4.173000
 0.85918   -4.662874   -1.545079   -0.196551
-0.000537   -0.032798   -7.086191
 1.00000   -4.662874   -1.545079   -0.196551
-0.000537   -0.126816   -11.008272

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    4.964773   86.486006    0.440121
 0.004907   0.470977  213.011676
 0.57754    4.964773   86.486006    0.440121
 0.004907   0.286502  179.430438
 0.71836    4.964773   86.486006    0.440121
 0.004907   0.119346  156.033592
 0.85918    4.964773   86.486006    0.440121
 0.004907   0.057374  147.224905
 1.00000    4.964773   86.486006    0.440121
 0.004907   0.164836  141.953849

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -7.442246  -60.732480   -0.272611
-0.005098   -0.303591  -21.631174
 0.57754   -7.442246  -60.732480   -0.272611
-0.005098   -0.189321   -3.791370
 0.71836   -7.442246  -60.732480   -0.272611
-0.005098   -0.075023   -3.869465
 0.85918   -7.442246  -60.732480   -0.272611
-0.005098   -0.084011   -7.027014
 1.00000   -7.442246  -60.732480   -0.272611
-0.005098   -0.267872  -11.138265

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    4.747888   95.209385    0.673495
 0.004536   0.731932  190.796213
 0.57754    4.747888   95.209385    0.673495
 0.004536   0.449631  160.636570
 0.71836    4.747888   95.209385    0.673495
 0.004536   0.182948  141.046770
 0.85918    4.747888   95.209385    0.673495
 0.004536   0.091908  135.007569
 1.00000    4.747888   95.209385    0.673495
 0.004536   0.303668  131.589284

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -10.363651  -58.083485   -0.519847
-0.005160   -0.578209  -28.605655
 0.57754  -10.363651  -58.083485   -0.519847
-0.005160   -0.360304  -20.301009
 0.71836  -10.363651  -58.083485   -0.519847
-0.005160   -0.142336  -27.925746
 0.85918  -10.363651  -58.083485   -0.519847
-0.005160   -0.116292  -38.029493
 1.00000  -10.363651  -58.083485   -0.519847
-0.005160   -0.398132  -48.828488
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3112

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    9.635968   82.227527    0.794186
 0.003537   0.871743  161.060973
 0.57754    9.635968   82.227527    0.794186
 0.003537   0.536831  134.959324
 0.71836    9.635968   82.227527    0.794186
 0.003537   0.216175  116.714923
 0.85918    9.635968   82.227527    0.794186
 0.003537   0.109209  109.420513
 1.00000    9.635968   82.227527    0.794186
 0.003537   0.388779  119.767156

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -9.002723 -103.073521   -0.676538
-0.003778   -0.752294 -106.463116
 0.57754   -9.002723 -103.073521   -0.676538
-0.003778   -0.465707  -75.563057
 0.71836   -9.002723 -103.073521   -0.676538
-0.003778   -0.185059  -55.297621
 0.85918   -9.002723 -103.073521   -0.676538
-0.003778   -0.127707  -36.870102
 1.00000   -9.002723 -103.073521   -0.676538
-0.003778   -0.460401  -43.897816

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    9.203065    6.011501    0.416046
 0.000893   0.462462    7.154706
 0.57754    9.203065    6.011501    0.416046
 0.000893   0.288065    5.054344
 0.71836    9.203065    6.011501    0.416046
 0.000893   0.113674    4.207800
 0.85918    9.203065    6.011501    0.416046
 0.000893   0.061432    3.627606
 1.00000    9.203065    6.011501    0.416046
 0.000893   0.237942    3.055001

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -0.454018  -79.026698   -0.421052
-0.000231   -0.468054  -142.516736
 0.57754   -0.454018  -79.026698   -0.421052
-0.000231   -0.291559  -109.442049
 0.71836   -0.454018  -79.026698   -0.421052
-0.000231   -0.115046   -76.393303
 0.85918   -0.454018  -79.026698   -0.421052
-0.000231   -0.060722   -43.354313
 1.00000   -0.454018  -79.026698   -0.421052
-0.000231   -0.235140   -10.334237

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   15.433580   29.749769    0.629555
 0.006891   0.677603   85.461599
 0.57754   15.433580   29.749769    0.629555
 0.006891   0.413731   76.753794
 0.71836   15.433580   29.749769    0.629555
 0.006891   0.149860   80.120846
 0.85918   15.433580   29.749769    0.629555
 0.006891   0.101145  101.886125
 1.00000   15.433580   29.749769    0.629555
 0.006891   0.319564  124.566383

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -1.859489  -167.729637   -0.540935
-0.006012   -0.601243  -182.169183
 0.57754   -1.859489  -167.729637   -0.540935
-0.006012   -0.374496  -120.476996
 0.71836   -1.859489  -167.729637   -0.540935
-0.006012   -0.147711   -79.012416
 0.85918   -1.859489  -167.729637   -0.540935
-0.006012   -0.115970   -39.499425
 1.00000   -1.859489  -167.729637   -0.540935
-0.006012   -0.379095    7.650449
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3113

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   13.574264   73.761710    0.737979
 0.005073   0.805003  184.260929
 0.57754   13.574264   73.761710    0.737979
 0.005073   0.495672  156.077964
 0.71836   13.574264   73.761710    0.737979
 0.005073   0.200817  136.271084
 0.85918   13.574264   73.761710    0.737979
 0.005073   0.102032  128.985522
 1.00000   13.574264   73.761710    0.737979
 0.005073   0.347303  124.548985

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -5.931900 -137.732261   -0.598624
-0.004360   -0.665893 -161.899024
 0.57754   -5.931900 -137.732261   -0.598624
-0.004360   -0.414965 -110.428377
 0.71836   -5.931900 -137.732261   -0.598624
-0.004360   -0.164013   -72.823917
 0.85918   -5.931900 -137.732261   -0.598624
-0.004360   -0.124313   -36.726652
 1.00000   -5.931900 -137.732261   -0.598624
-0.004360   -0.433133    -8.710817

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   11.863744   79.347393    0.827203
 0.004228   0.906788  162.757006
 0.57754   11.863744   79.347393    0.827203
 0.004228   0.560051  134.709634
 0.71836   11.863744   79.347393    0.827203
 0.004228   0.225264  116.265643
 0.85918   11.863744   79.347393    0.827203
 0.004228   0.115654  108.935029
 1.00000   11.863744   79.347393    0.827203
 0.004228   0.408283  105.779080

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -8.030995 -116.703643   -0.709255
-0.004093   -0.788768 -138.451090
 0.57754   -8.030995 -116.703643   -0.709255
-0.004093   -0.491465 -100.039195
 0.71836   -8.030995 -116.703643   -0.709255
-0.004093   -0.194127   -74.107684
 0.85918   -8.030995 -116.703643   -0.709255
-0.004093   -0.134429   -50.309451
 1.00000   -8.030995 -116.703643   -0.709255
-0.004093   -0.480819   -33.914424

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.121576   26.934106    0.609129
 1.06E-05  0.677394    1.710719
 0.57754   0.121576   26.934106    0.609129
 1.06E-05  0.422047    1.750893
 0.71836   0.121576   26.934106    0.609129
 1.06E-05  0.166584    3.673216
 0.85918   0.121576   26.934106    0.609129
 1.06E-05  0.076838    5.770408
 1.00000   0.121576   26.934106    0.609129
 1.06E-05  0.297832    8.012869

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -5.261394   -5.973226   -0.527154
-0.000656   -0.584915   -25.845094
 0.57754   -5.261394   -5.973226   -0.527154
-0.000656   -0.363778   -35.205971
 0.71836   -5.261394   -5.973226   -0.527154
-0.000656   -0.141905   -46.070604
 0.85918   -5.261394   -5.973226   -0.527154
-0.000656   -0.087754   -57.004409
 1.00000   -5.261394   -5.973226   -0.527154
-0.000656   -0.343615   -68.022998
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3114

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.836670   56.311353    1.050302
 0.000292  1.167696   34.663546
 0.57754   0.836670   56.311353    1.050302
 0.000292  0.727484   25.091213
 0.71836   0.836670   56.311353    1.050302
 0.000292  0.287343   18.495535
 0.85918   0.836670   56.311353    1.050302
 0.000292  0.119479   13.594409
 1.00000   0.836670   56.311353    1.050302
 0.000292  0.461351   14.235694

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -8.665916   -9.447163   -0.816675
-0.001229   -0.906202   -28.524174
 0.57754   -8.665916   -9.447163   -0.816675
-0.001229   -0.563431   -39.813961
 0.71836   -8.665916   -9.447163   -0.816675
-0.001229   -0.220394   -54.803870
 0.85918   -8.665916   -9.447163   -0.816675
-0.001229   -0.152041   -70.835953
 1.00000   -8.665916   -9.447163   -0.816675
-0.001229   -0.593119   -90.103575

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    1.062604  100.316648    1.182572
 0.000102   1.315904  182.815060
 0.57754    1.062604  100.316648    1.182572
 0.000102   0.820827  153.737508
 0.71836    1.062604  100.316648    1.182572
 0.000102   0.323618  127.082972
 0.85918    1.062604  100.316648    1.182572
 0.000102   0.118201  101.580237
 1.00000    1.062604  100.316648    1.182572
 0.000102   0.458890   80.006027

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.086131   -8.786616   -0.814655
-0.001010   -0.903350   -25.851877
 0.57754  -11.086131   -8.786616   -0.814655
-0.001010   -0.562005   -36.396858
 0.71836  -11.086131   -8.786616   -0.814655
-0.001010   -0.220108   -49.621892
 0.85918  -11.086131   -8.786616   -0.814655
-0.001010   -0.167712   -63.776848
 1.00000  -11.086131   -8.786616   -0.814655
-0.001010   -0.666511   -80.176277

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    6.578975   88.142410    1.306757
 0.003157   1.442151  172.420472
 0.57754    6.578975   88.142410    1.306757
 0.003157   0.895559  149.451573
 0.71836    6.578975   88.142410    1.306757
 0.003157   0.358919  135.879219
 0.85918    6.578975   88.142410    1.306757
 0.003157   0.145846  135.463669
 1.00000    6.578975   88.142410    1.306757
 0.003157   0.527086  147.377451

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -9.580677   -82.131540   -0.911910
-0.003638   -1.006888   -76.296123
 0.57754   -9.580677   -82.131540   -0.911910
-0.003638   -0.625729   -56.189561
 0.71836   -9.580677   -82.131540   -0.911910
-0.003638   -0.245919   -51.177317
 0.85918   -9.580677   -82.131540   -0.911910
-0.003638   -0.200123   -54.578108
 1.00000   -9.580677   -82.131540   -0.911910
-0.003638   -0.748230   -69.201268
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3115

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   0.826710   38.604186    0.440742
 0.000238  0.490465   73.783997
 0.57754   0.826710   38.604186    0.440742
 0.000238  0.305599   58.030374
 0.71836   0.826710   38.604186    0.440742
 0.000238  0.121084   42.760297
 0.85918   0.826710   38.604186    0.440742
 0.000238  0.037636   28.473470
 1.00000   0.826710   38.604186    0.440742
 0.000238  0.145161   17.995355

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -3.970778   -1.566227   -0.258256
-0.000448   -0.286821   -3.038763
 0.57754   -3.970778   -1.566227   -0.258256
-0.000448   -0.178248   -3.183597
 0.71836   -3.970778   -1.566227   -0.258256
-0.000448   -0.069675   -4.072187
 0.85918   -3.970778   -1.566227   -0.258256
-0.000448   -0.064087   -6.450785
 1.00000   -3.970778   -1.566227   -0.258256
-0.000448   -0.248540   -10.566376

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    4.335816   80.810916    0.708661
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 0.004248    0.770641  221.685412
 0.57754     4.335816   80.810916    0.708661
 0.004248    0.474966  190.794908
 0.71836     4.335816   80.810916    0.708661
 0.004248    0.192683  169.326868
 0.85918     4.335816   80.810916    0.708661
 0.004248    0.072828  159.742077
 1.00000     4.335816   80.810916    0.708661
 0.004248    0.223013  153.771378

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -6.351168  -52.585259   -0.362337
-0.004411   -0.393615  -22.349357
 0.57754   -6.351168  -52.585259   -0.362337
-0.004411   -0.243767   -3.832918
 0.71836   -6.351168  -52.585259   -0.362337
-0.004411   -0.096795   -4.148270
 0.85918   -6.351168  -52.585259   -0.362337
-0.004411   -0.120978   -6.439542
 1.00000   -6.351168  -52.585259   -0.362337
-0.004411   -0.417885  -10.837398

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    4.161291   95.664495    1.123358
 0.003935    1.233462  197.919389
 0.57754    4.161291   95.664495    1.123358
 0.003935    0.763765  170.552746
 0.71836    4.161291   95.664495    1.123358
 0.003935    0.306064  153.535815
 0.85918    4.161291   95.664495    1.123358
 0.003935    0.122109  147.456173
 1.00000    4.161291   95.664495    1.123358
 0.003935    0.420111  143.813081

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -9.506502  -51.631037   -0.714264
-0.004493   -0.785099   -2.841721
 0.57754   -9.506502  -51.631037   -0.714264
-0.004493   -0.487307   -21.487910
 0.71836   -9.506502  -51.631037   -0.714264
-0.004493   -0.191985   -31.560566
 0.85918   -9.506502  -51.631037   -0.714264
-0.004493   -0.179106   -43.475002
 1.00000   -9.506502  -51.631037   -0.714264
-0.004493   -0.650081   -56.790923
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3116

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    8.560174   83.208269    1.328325
 0.002876    1.468328  166.091806
 0.57754    8.560174   83.208269    1.328325
 0.002876    0.912968  142.149135
 0.71836    8.560174   83.208269    1.328325
 0.002876    0.363617  126.008371
 0.85918    8.560174   83.208269    1.328325
 0.002876    0.142673  119.727022
 1.00000    8.560174   83.208269    1.328325
 0.002876    0.521570  132.932302

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -8.248195  -95.744753   -0.906265
-0.003078   -1.001864  -99.397187
 0.57754   -8.248195  -95.744753   -0.906265
-0.003078   -0.622952   -70.641776
 0.71836   -8.248195  -95.744753   -0.906265
-0.003078   -0.245424   -54.282687
 0.85918   -8.248195  -95.744753   -0.906265
-0.003078   -0.200723   -41.360025
 1.00000   -8.248195  -95.744753   -0.906265
-0.003078   -0.756882   -51.108765

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672    8.473850    6.999082    0.682738
 0.000791    0.760238    7.502470
 0.57754    8.473850    6.999082    0.682738
 0.000791    0.473381    5.463068
 0.71836    8.473850    6.999082    0.682738
 0.000791    0.188191    4.721602
 0.85918    8.473850    6.999082    0.682738
 0.000791    0.078295    4.225622
 1.00000    8.473850    6.999082    0.682738
 0.000791    0.304321    3.730317

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -0.418503  -78.991032   -0.539033
-0.000206   -0.599412  -143.938945
 0.57754   -0.418503  -78.991032   -0.539033
-0.000206   -0.373510  -111.616765
 0.71836   -0.418503  -78.991032   -0.539033
-0.000206   -0.147516   -80.180994
 0.85918   -0.418503  -78.991032   -0.539033
-0.000206   -0.076935   -48.818556
 1.00000   -0.418503  -78.991032   -0.539033
-0.000206   -0.382192   -17.471788

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   14.347661   28.451432    0.995946
 0.006792    1.082044   91.435642
 0.57754   14.347661   28.451432    0.995946
 0.006792    0.667362   84.148154
 0.71836   14.347661   28.451432    0.995946
 0.006792    0.271337   80.829474
 0.85918   14.347661   28.451432    0.995946
 0.006792    0.133707  113.931411
 1.00000   14.347661   28.451432    0.995946
 0.006792    0.434946  137.414869

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -1.546483  -164.279191   -0.720768
-0.006002   -0.789575  -182.995086
 0.57754   -1.546483  -164.279191   -0.720768
-0.006002   -0.490613  -118.499882
 0.71836   -1.546483  -164.279191   -0.720768
-0.006002   -0.194422   -80.188057
 0.85918   -1.546483  -164.279191   -0.720768
-0.006002   -0.169524   -44.089393
 1.00000   -1.546483  -164.279191   -0.720768
-0.006002   -0.585063   -10.312444
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3117

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   12.710010   66.694841    1.184014
 0.005188    1.299167  186.107484
 0.57754   12.710010   66.694841    1.184014
 0.005188    0.805082  161.730883
 0.71836   12.710010   66.694841    1.184014
 0.005188    0.323608  147.672022
 0.85918   12.710010   66.694841    1.184014
 0.005188    0.133741  145.488258
 1.00000   12.710010   66.694841    1.184014
 0.005188    0.458751  144.194272

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -4.944115  -136.660100   -0.778611
-0.004537   -0.856423  -161.931616
 0.57754   -4.944115  -136.660100   -0.778611
-0.004537   -0.532536  -108.134088
 0.71836   -4.944115  -136.660100   -0.778611
-0.004537   -0.210946   -73.386177
 0.85918   -4.944115  -136.660100   -0.778611
-0.004537   -0.188408   -40.252208
 1.00000   -4.944115  -136.660100   -0.778611
-0.004537   -0.683520   -9.939352

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   11.052533   77.380135    1.384543
 0.004421    1.525213  165.139658
 0.57754   11.052533   77.380135    1.384543
 0.004421    0.946698  139.812954
 0.71836   11.052533   77.380135    1.384543
 0.004421    0.378607  126.194428
 0.85918   11.052533   77.380135    1.384543
 0.004421    0.153828  123.197000
 1.00000   11.052533   77.380135    1.384543
 0.004421    0.546014  123.052136

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   -7.112844  -116.460307   -0.939005
-0.004189   -1.035908  -139.002456
 0.57754   -7.112844  -116.460307   -0.939005
-0.004189   -0.644129   -98.374755
 0.71836   -7.112844  -116.460307   -0.939005
-0.004189   -0.254354   -76.124380
 0.85918   -7.112844  -116.460307   -0.939005
-0.004189   -0.214335   -55.749873
 1.00000   -7.112844  -116.460307   -0.939005
-0.004189   -0.793754   -38.947557

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   15.433580   97.781367    0.827203
 0.006891    0.906788  213.011676
 0.57754   15.433580   97.781367    0.827203
 0.006891    0.560051  179.430438
 0.71836   15.433580   97.781367    0.827203
 0.006891    0.225264  156.033592
 0.85918   15.433580   97.781367    0.827203
 0.006891    0.115654  147.224905
 1.00000   15.433580   97.781367    0.827203
 0.006891    0.408283  141.953849

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.673408  -167.729637   -0.709255
-0.006012   -0.788768   -182.219183
 0.57754  -11.673408  -167.729637   -0.709255
-0.006012   -0.491465  -120.476996
 0.71836  -11.673408  -167.729637   -0.709255
-0.006012   -0.194127   -79.012416
 0.85918  -11.673408  -167.729637   -0.709255
-0.006012   -0.134429   -60.108710
 1.00000  -11.673408  -167.729637   -0.709255
-0.006012   -0.480819   -75.173536
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3118

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   14.347661  100.316648    1.384543
 0.006792    1.525213  221.685412
 0.57754   14.347661  100.316648    1.384543
 0.006792    0.946698  190.794908
 0.71836   14.347661  100.316648    1.384543
 0.006792    0.378607  169.326868
 0.85918   14.347661  100.316648    1.384543
 0.006792    0.153828  159.742077
 1.00000   14.347661  100.316648    1.384543
 0.006792    0.546014  153.771378

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.086131  -164.279191   -0.939005
-0.006002   -1.035908  -182.995086
 0.57754  -11.086131  -164.279191   -0.939005
-0.006002   -0.644129  -118.499882
 0.71836  -11.086131  -164.279191   -0.939005
-0.006002   -0.254354   -80.188057
 0.85918  -11.086131  -164.279191   -0.939005
-0.006002   -0.214335   -70.835953
 1.00000  -11.086131  -164.279191   -0.939005
-0.006002   -0.793754   -90.103575

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   15.433580  100.316648    1.384543
 0.006891    1.525213  221.685412
 0.57754   15.433580  100.316648    1.384543
 0.006891    0.946698  190.794908
 0.71836   15.433580  100.316648    1.384543
 0.006891    0.378607  169.326868
 0.85918   15.433580  100.316648    1.384543
 0.006891    0.153828  159.742077
 1.00000   15.433580  100.316648    1.384543
 0.006891    0.546014  153.771378

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.673408  -167.729637   -0.939005
-0.006012   -1.035908  -182.995086
 0.57754  -11.673408  -167.729637   -0.939005
-0.006012   -0.644129  -120.476996
 0.71836  -11.673408  -167.729637   -0.939005
-0.006012   -0.254354   -80.188057
 0.85918  -11.673408  -167.729637   -0.939005
-0.006012   -0.214335   -70.835953
 1.00000  -11.673408  -167.729637   -0.939005
-0.006012   -0.793754   -90.103575

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43672   15.433580  100.316648    1.384543
 0.006891    1.525213  221.685412
 0.57754   15.433580  100.316648    1.384543
 0.006891    0.946698  190.794908
 0.71836   15.433580  100.316648    1.384543
 0.006891    0.378607  169.326868
 0.85918   15.433580  100.316648    1.384543
 0.006891    0.153828  159.742077
 1.00000   15.433580  100.316648    1.384543
 0.006891    0.546014  153.771378

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43672  -11.673408  -167.729637   -0.939005
-0.006012   -1.035908  -182.995086
 0.57754  -11.673408  -167.729637   -0.939005
-0.006012   -0.644129  -120.476996
 0.71836  -11.673408  -167.729637   -0.939005
-0.006012   -0.254354   -80.188057
 0.85918  -11.673408  -167.729637   -0.939005
-0.006012   -0.214335   -70.835953
 1.00000  -11.673408  -167.729637   -0.939005
-0.006012   -0.793754   -90.103575
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3119

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM    291 ================== LENGTH =    2.977605

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.096533   20.465679    0.359434
 9.56E-06    0.201085    6.032834
 0.14085    0.096533   20.465679    0.359434
 9.56E-06    0.050193    7.876584
 0.28170    0.096533   20.465679    0.359434
 9.56E-06    0.099569    9.761862
 0.42256    0.096533   20.465679    0.359434
 9.56E-06    0.249029   11.684810
 0.56341    0.096533   20.465679    0.359434
 9.56E-06    0.398478   13.638004

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.775056  -4.673225   -0.356340
-0.000426   -0.199338   -54.725154
 0.14085   -4.775056  -4.673225   -0.356340
-0.000426   -0.049796   -63.138897
 0.28170   -4.775056  -4.673225   -0.356340
-0.000426   -0.100433   -71.572856
 0.42256   -4.775056  -4.673225   -0.356340
-0.000426   -0.251157   -80.044000
 0.56341   -4.775056  -4.673225   -0.356340
-0.000426   -0.401903   -88.545154

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.811472   48.310583    0.577480
 0.000213    0.324115   12.503167
 0.14085    0.811472   48.310583    0.577480
 0.000213    0.081820   13.455900
 0.28170    0.811472   48.310583    0.577480
 0.000213    0.159041   14.886045
 0.42256    0.811472   48.310583    0.577480
 0.000213    0.398264   16.891407
 0.56341    0.811472   48.310583    0.577480
 0.000213    0.637459   19.354373

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.650382  -6.677403   -0.570331
-0.000983   -0.080857   -75.298652
 0.14085   -8.650382  -6.677403   -0.570331
-0.000983   -0.080763   -92.541802
 0.28170   -8.650382  -6.677403   -0.570331
-0.000983   -0.160901   -110.480035
 0.42256   -8.650382  -6.677403   -0.570331
-0.000983   -0.402485   -128.715985
 0.56341   -8.650382  -6.677403   -0.570331
-0.000983   -0.644677   -147.993958

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.033051   96.877502    0.671021
 0.000322    0.372966   62.188655
 0.14085    1.033051   96.877502    0.671021
 0.000322    0.091608   43.528799
 0.28170    1.033051   96.877502    0.671021
 0.000322    0.161942   39.960030
 0.42256    1.033051   96.877502    0.671021
 0.000322    0.402255   39.946680
 0.56341    1.033051   96.877502    0.671021
 0.000322    0.650548   41.065250

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -11.513549  -6.651808   -0.582473
-0.001116   -0.326639   -66.935853
 0.14085   -11.513549  -6.651808   -0.582473
-0.001116   -0.082281   -79.661334
 0.28170   -11.513549  -6.651808   -0.582473
-0.001116   -0.160087   -92.709579
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3120

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.42256   -11.513549  -6.651808   -0.582473
-0.001116   -0.471438   -129.135574
 0.56341   -11.513549  -6.651808   -0.582473
-0.001116   -0.752804   -169.501736

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    5.196175  118.804112    0.762063
 0.003972    0.438973  134.517543
 0.14085    5.196175  118.804112    0.762063
 0.003972    0.119972  121.924329
 0.28170    5.196175  118.804112    0.762063
 0.003972    0.242135  121.668857
 0.42256    5.196175  118.804112    0.762063
 0.003972    0.456713  133.240754
 0.56341    5.196175  118.804112    0.762063
 0.003972    0.731242  152.642525

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -11.734581  -54.088720   -0.654591
-0.004379   -0.376927   -57.876872
 0.14085   -11.734581  -54.088720   -0.654591
-0.004379   -0.106267   -69.339329
 0.28170   -11.734581  -54.088720   -0.654591
-0.004379   -0.213479   -81.244089
 0.42256   -11.734581  -54.088720   -0.654591
-0.004379   -0.520566   -112.420603
 0.56341   -11.734581  -54.088720   -0.654591
-0.004379   -0.840014   -153.983510

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.938823   39.662678    0.209342
 0.000117    0.115768   14.895320
 0.14085    0.938823   39.662678    0.209342
 0.000117    0.028198   10.570508
 0.28170    0.938823   39.662678    0.209342
 0.000117    0.054259    9.385722
 0.42256    0.938823   39.662678    0.209342
 0.000117    0.136545    9.078018
 0.56341    0.938823   39.662678    0.209342
 0.000117    0.218772    9.039636

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.606368  -1.476170   -0.196096
-0.000479   -0.110210   -11.014483
 0.14085   -4.606368  -1.476170   -0.196096
-0.000479   -0.027946   -14.955303
 0.28170   -4.606368  -1.476170   -0.196096
-0.000479   -0.059940   -28.912046
 0.42256   -4.606368  -1.476170   -0.196096
-0.000479   -0.147713   -44.766946
 0.56341   -4.606368  -1.476170   -0.196096
-0.000479   -0.235515   -61.157736

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.722886  132.457813    0.415937
 0.005129    0.249923  142.206794
 0.14085    1.722886  132.457813    0.415937
 0.005129    0.076449   99.084145
 0.28170    1.722886  132.457813    0.415937
 0.005129    0.075327   72.128038
 0.42256    1.722886  132.457813    0.415937
 0.005129    0.189685   61.258167
 0.56341    1.722886  132.457813    0.415937
 0.005129    0.304015   60.890570

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.726508  -9.766806   -0.272612
-0.005455   -0.167031   -11.138234
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3121

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.14085   -9.726508  -9.766806   -0.272612
-0.005455   -0.058143   -15.317166
 0.28170   -9.726508  -9.766806   -0.272612
-0.005455   -0.117047   -20.125575
 0.42256   -9.726508  -9.766806   -0.272612
-0.005455   -0.274358   -50.494397
 0.56341   -9.726508  -9.766806   -0.272612
-0.005455   -0.448592   -94.862766

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    1.822465  136.648095    0.646215
 0.004636    0.377118  131.823942
 0.14085    1.822465  136.648095    0.646215
 0.004636    0.106880   94.323723
 0.28170    1.822465  136.648095    0.646215
 0.004636    0.142982   71.346652
 0.42256    1.822465  136.648095    0.646215
 0.004636    0.358928   62.869181
 0.56341    1.822465  136.648095    0.646215
 0.004636    0.574816   63.901851

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -12.386742  -12.016456   -0.514762
-0.005255   -0.301140   -48.844431
 0.14085  -12.386742  -12.016456   -0.514762
-0.005255   -0.090134   -59.676742
 0.28170  -12.386742  -12.016456   -0.514762
-0.005255   -0.181237   -71.185752
 0.42256  -12.386742  -12.016456   -0.514762
-0.005255   -0.436808   -106.084018
 0.56341  -12.386742  -12.016456   -0.514762
-0.005255   -0.707638   -153.197305

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.788136  109.236560    0.766688
 0.003574    0.438927  119.885029
 0.14085    7.788136  109.236560    0.766688
 0.003574    0.117660  118.307216
 0.28170    7.788136  109.236560    0.766688
 0.003574    0.185780  129.498606
 0.42256    7.788136  109.236560    0.766688
 0.003574    0.466160  150.869467
 0.56341    7.788136  109.236560    0.766688
 0.003574    0.746478  178.709873

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -10.296342  -73.385526   -0.668386
-0.003722   -0.382933   -43.905156
 0.14085  -10.296342  -73.385526   -0.668386
-0.003722   -0.105798   -53.989659
 0.28170  -10.296342  -73.385526   -0.668386
-0.003722   -0.214863   -64.579127
 0.42256  -10.296342  -73.385526   -0.668386
-0.003722   -0.526248   -94.751885
 0.56341  -10.296342  -73.385526   -0.668386
-0.003722   -0.847640   -133.801224

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    9.282526    6.041831    0.409588
 0.000894    0.229964    3.952125
 0.14085    9.282526    6.041831    0.409588
 0.000894    0.057823   24.733166
 0.28170    9.282526    6.041831    0.409588
 0.000894    0.115371   57.698651
 0.42256    9.282526    6.041831    0.409588
 0.000894    0.228500   90.664090
 0.56341    9.282526    6.041831    0.409588
 0.000894    0.463313   124.198097
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3122

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -0.443588  -79.531570   -0.414789
-0.000322   -0.232568   -10.375163
 0.14085   -0.443588  -79.531570   -0.414789
-0.000322   -0.058582    -7.663705
 0.28170   -0.443588  -79.531570   -0.414789
-0.000322   -0.113939    -9.399543
 0.42256   -0.443588  -79.531570   -0.414789
-0.000322   -0.285710   -11.282951
 0.56341   -0.443588  -79.531570   -0.414789
-0.000322   -0.457491   -13.572515

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   11.564656   86.577693    0.621539
 0.006882    0.372050  124.865110
 0.14085   11.564656   86.577693    0.621539
 0.006882    0.112327  131.584625
 0.28170   11.564656   86.577693    0.621539
 0.006882    0.148295  143.187368
 0.42256   11.564656   86.577693    0.621539
 0.006882    0.371887  171.914746
 0.56341   11.564656   86.577693    0.621539
 0.006882    0.595427  212.692078

COMB DB-G3-2 ------------------- MIN
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REL DIST          P          V2          V3
     T         M2         M3
0.00000   -4.745097 -106.399057  -0.533017
-0.006211  -0.315473  -7.634899
0.14085   -4.745097 -106.399057  -0.533017
-0.006211  -0.098524 -10.295159
0.28170   -4.745097 -106.399057  -0.533017
-0.006211  -0.171139 -12.982500
0.42256   -4.745097 -106.399057  -0.533017
-0.006211  -0.411010 -17.481307
0.56341   -4.745097 -106.399057  -0.533017
-0.006211  -0.671508 -38.576804

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   10.958759  112.257445   0.709758
 0.005157   0.041600 124.771974
0.14085   10.958759  112.257445   0.709758
 0.005157   0.114735 123.705731
0.28170   10.958759  112.257445   0.709758
 0.005157   0.164527 137.508703
0.42256   10.958759  112.257445   0.709758
 0.005157   0.413235 164.998971
0.56341   10.958759  112.257445   0.709758
 0.005157   0.661919 201.351141

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -7.833631  -95.824939  -0.592958
-0.004730  -0.344287  -8.694948
0.14085   -7.833631  -95.824939  -0.592958
-0.004730  -0.100130 -11.119737
0.28170   -7.833631  -95.824939  -0.592958
-0.004730  -0.198887 -14.389784
0.42256   -7.833631  -95.824939  -0.592958
-0.004730  -0.482225 -41.151109
0.56341   -7.833631  -95.824939  -0.592958
-0.004730  -0.779709  -79.034561

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    9.703890  110.966347   0.800743
 0.004271   0.460172 105.919569
0.14085    9.703890  110.966347   0.800743
 0.004271   0.124914 106.051973
0.28170    9.703890  110.966347   0.800743
 0.004271   0.194832 118.560670
0.42256    9.703890  110.966347   0.800743
 0.004271   0.488993 142.408974
0.56341    9.703890  110.966347   0.800743
 0.004271   0.783118 173.633519
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3123

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -9.569269  -82.038408  -0.701304
-0.004229  -0.402868  -33.916313
0.14085   -9.569269  -82.038408  -0.701304
-0.004229  -0.112474  -42.853570
0.28170   -9.569269  -82.038408  -0.701304
-0.004229  -0.223984  -52.311430
0.42256   -9.569269  -82.038408  -0.701304
-0.004229  -0.547988  -81.114641
0.56341   -9.569269  -82.038408  -0.701304
-0.004229  -0.883670 -119.772297

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.119687   26.817413   0.586102
 6.93E-06   0.326027   8.024035
0.14085    0.119687   26.817413   0.586102
 6.93E-06   0.079379  10.400369
0.28170    0.119687   26.817413   0.586102
 6.93E-06   0.141930  12.840158
0.42256    0.119687   26.817413   0.586102
 6.93E-06   0.203477  15.297486
0.56341    0.119687   26.817413   0.586102
 6.93E-06   0.571214  17.758969

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -5.212109  -5.919493  -0.510539
-0.000373  -0.284146 -68.051050
0.14085   -5.212109  -5.919493  -0.510539
-0.000373  -0.070102 -79.124437
0.28170   -5.212109  -5.919493  -0.510539
-0.000373  -0.115511 -90.252375
0.42256   -5.212109  -5.919493  -0.510539
-0.000373  -0.411081 -101.413355
0.56341   -5.212109  -5.919493  -0.510539
-0.000373  -0.656916 -112.600616

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.771588   56.957985   1.019346
 0.000138   0.568497  14.252371
0.14085    0.771588   56.957985   1.019346
 0.000138   0.139840  15.929631
0.28170    0.771588   56.957985   1.019346
 0.000138   0.219983  18.467242
0.42256    0.771588   56.957985   1.019346
 0.000138   0.552868  21.465377
0.56341    0.771588   56.957985   1.019346
 0.000138   0.885379  24.723169

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.643872  -8.281780  -0.791995
-0.000805  -0.441067  -90.153830
0.14085   -8.643872  -8.281780  -0.791995
-0.000805  -0.109774 -111.120879
0.28170   -8.643872  -8.281780  -0.791995
-0.000805  -0.286633 -132.885789
0.42256   -8.643872  -8.281780  -0.791995
-0.000805  -0.713972 -155.592378
0.56341   -8.643872  -8.281780  -0.791995
-0.000805  -1.141373 -178.923213

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.076956   99.493247   1.144083
 0.000269   0.636543  79.989940
0.14085    1.076956   99.493247   1.144083
 0.000269   0.156124  62.520513
0.28170    1.076956   99.493247   1.144083
 0.000269   0.219263  51.479015
0.42256    1.076956   99.493247   1.144083
 0.000269   0.551106  48.295022
0.56341    1.076956   99.493247   1.144083
 0.000269   0.882976  48.500968
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3124

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -10.943060  -8.745153  -0.790415
-0.000932  -0.439657 -80.217353
0.14085  -10.943060  -8.745153  -0.790415
-0.000932  -0.109270 -96.921344
0.28170  -10.943060  -8.745153  -0.790415
-0.000932  -0.321908 -114.436325
0.42256  -10.943060  -8.745153  -0.790415
-0.000932  -0.803137 -149.950193
0.56341  -10.943060  -8.745153  -0.790415
-0.000932  -1.282251 -188.605236

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    4.906363  113.296172   1.279230
 0.003102   0.725938 147.361365
0.14085    4.906363  113.296172   1.279230
 0.003102   0.169428 139.645037
0.28170    4.906363  113.296172   1.279230
 0.003102   0.246177 137.181000
0.42256    4.906363  113.296172   1.279230
 0.003102   0.617786 147.562096
0.56341    4.906363  113.296172   1.279230
 0.003102   0.990920 165.628825

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -10.889181  -54.940152  -0.892593
-0.003444  -0.510552 -69.228225
0.14085  -10.889181  -54.940152  -0.892593
-0.003444  -0.137701 -84.171965
0.28170  -10.889181  -54.940152  -0.892593
-0.003444  -0.356432 -99.952097
0.42256  -10.889181  -54.940152  -0.892593
-0.003444  -0.883972 -130.451070
0.56341  -10.889181  -54.940152  -0.892593
-0.003444  -1.419215 -170.990491

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.836857   38.367721   0.429999
 0.000109   0.239622  17.983410
0.14085    0.836857   38.367721   0.429999
 0.000109   0.059763  10.721064
0.28170    0.836857   38.367721   0.429999
 0.000109   0.069915   8.445436
0.42256    0.836857   38.367721   0.429999
 0.000109   0.175055   7.851179
0.56341    0.836857   38.367721   0.429999
 0.000109   0.280937   7.813213

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -3.935236  -1.526094  -0.251755
-0.000379  -0.140405 -10.576763
0.14085   -3.935236  -1.526094  -0.251755
-0.000379  -0.035583 -15.906831
0.28170   -3.935236  -1.526094  -0.251755
-0.000379  -0.121379 -28.587209
0.42256   -3.935236  -1.526094  -0.251755
-0.000379  -0.301554 -43.413493
0.56341   -3.935236  -1.526094  -0.251755
-0.000379  -0.481929 -58.853543

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.722596  119.466948   0.693454
 0.004398   0.405860 153.768277
0.14085    1.722596  119.466948   0.693454
 0.004398   0.115356 115.103726
0.28170    1.722596  119.466948   0.693454
 0.004398   0.096291 83.229103
0.42256    1.722596  119.466948   0.693454
 0.004398   0.239968  69.837346
0.56341    1.722596  119.466948   0.693454
 0.004398   0.386659  67.446307
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3125

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.438965  -10.553704  -0.355269
-0.004655  -0.217584 -84.913388
0.14085   -8.438965  -10.553704  -0.355269
-0.004655  -0.070594 -15.620349
0.28170   -8.438965  -10.553704  -0.355269
-0.004655  -0.192431 -22.364347
0.42256   -8.438965  -10.553704  -0.355269
-0.004655  -0.468932 -48.071065
0.56341   -8.438965  -10.553704  -0.355269
-0.004655  -0.758028 -88.360659

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.798236  130.534910   1.093670
 0.003981   0.626735 143.829801
0.14085    1.798236  130.534910   1.093670
 0.003981   0.167671 110.538466
0.28170    1.798236  130.534910   1.093670
 0.003981   0.191283  83.397456
0.42256    1.798236  130.534910   1.093670
 0.003981   0.478420  72.942737
0.56341    1.798236  130.534910   1.093670
 0.003981   0.768100  72.592089

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -11.357382  -13.578641  -0.695169
-0.004509  -0.405087 -56.817245
0.14085  -11.357382  -13.578641  -0.695169
-0.004509  -0.115670 -70.352572
0.28170  -11.357382  -13.578641  -0.695169
-0.004509  -0.303729 -85.952718
0.42256  -11.357382  -13.578641  -0.695169
-0.004509  -0.751181 -118.575668
0.56341  -11.357382  -13.578641  -0.695169
-0.004509  -1.208367 -164.295797

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    7.199553  104.037191   1.309411
 0.002860   0.741148 132.905450
0.14085    7.199553  104.037191   1.309411
 0.002860   0.192300 134.972690
0.28170    7.199553  104.037191   1.309411
 0.002860   0.246172 142.311996
0.42256    7.199553  104.037191   1.309411
 0.002860   0.617289 161.706106
0.56341    7.199553  104.037191   1.309411
 0.002860   0.990042 187.923287

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -9.325135  -73.350906  -0.891397
-0.002991  -0.508874 -51.122919
0.14085   -9.325135  -73.350906  -0.891397
-0.002991  -0.136684 -63.727876
0.28170   -9.325135  -73.350906  -0.891397
-0.002991  -0.364281 -77.913028
0.42256   -9.325135  -73.350906  -0.891397
-0.002991  -0.906281 -106.668735
0.56341   -9.325135  -73.350906  -0.891397
-0.002991  -1.453864 -144.079979

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.535796   6.993165   0.691580
0.000788   0.367473   3.726480
0.14085    8.535796   6.993165   0.691580
0.000788   0.098473  24.636974
0.28170    8.535796   6.993165   0.691580
0.000788   0.149032  57.041055
0.42256    8.535796   6.993165   0.691580
0.000788   0.375399  89.828666
0.56341    8.535796   6.993165   0.691580
0.000788   0.601805 122.956520
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3126

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.405319  -79.385321  -0.539628
-0.000266  -0.303397  -17.508819
0.14085   -0.405319  -79.385321  -0.539628
-0.000266  -0.077008  -10.247372
0.28170   -0.405319  -79.385321  -0.539628
-0.000266  -0.190062  -12.911334
0.42256   -0.405319  -79.385321  -0.539628
-0.000266  -0.480353  -14.405759
0.56341   -0.405319  -79.385321  -0.539628
-0.000266  -0.769645  -17.161194

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   10.690726   84.090287   1.005503
 0.006741   0.590720 137.446529
0.14085   10.690726   84.090287   1.005503
 0.006741   0.170872 144.844719
0.28170   10.690726   84.090287   1.005503
 0.006741   0.196646 156.111353
0.42256   10.690726   84.090287   1.005503
 0.006741   0.492664 182.270187
0.56341   10.690726   84.090287   1.005503
 0.006741   0.791563 220.415219

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -4.608091  -105.175096  -0.721213
-0.006127  -0.432992  -10.325603
0.14085   -4.608091  -105.175096  -0.721213
-0.006127  -0.131543  -12.587445
0.28170   -4.608091  -105.175096  -0.721213
-0.006127  -0.273678  -15.861623
0.42256   -4.608091  -105.175096  -0.721213
-0.006127  -0.674711  -21.209228
0.56341   -4.608091  -105.175096  -0.721213
-0.006127  -1.093261  -45.735239

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   10.104128  106.483457   1.181818
 0.005198   0.186364 144.151787
0.14085   10.104128  106.483457   1.181818
 0.005198   0.186149 142.628787
0.28170   10.104128  106.483457   1.181818
 0.005198   0.212352 147.612555
0.42256   10.104128  106.483457   1.181818
 0.005198   0.532286 170.421584
0.56341   10.104128  106.483457   1.181818
 0.005198   0.854802 203.627030

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -7.093489  -94.182769  -0.775442
-0.004808  -0.454917  -9.926363
0.14085   -7.093489  -94.182769  -0.775442
-0.004808  -0.131235 -12.341324
0.28170   -7.093489  -94.182769  -0.775442
-0.004808  -0.325563 -18.110410
0.42256   -7.093489  -94.182769  -0.775442
-0.004808  -0.806565 -39.322915
0.56341   -7.093489  -94.182769  -0.775442
-0.004808  -1.299724 -74.617099

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.892686  110.229942   1.373150
 0.004316   0.783253 123.025681
0.14085    8.892686  110.229942   1.373150
 0.004316   0.208520 123.030802
0.28170    8.892686  110.229942   1.373150
 0.004316   0.255297 128.413393
0.42256    8.892686  110.229942   1.373150
 0.004316   0.640052 148.544494
0.56341    8.892686  110.229942   1.373150
 0.004316   1.027158 177.350206
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3127

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.866149  -81.203156  -0.927664
-0.004251  -0.135028  -38.957893
0.14085   -8.866149  -81.203156  -0.927664
-0.004251  -0.148487  -49.558761
0.28170   -8.866149  -81.203156  -0.927664
-0.004251  -0.380222  -62.761961
0.42256   -8.866149  -81.203156  -0.927664
-0.004251  -0.944221  -89.172678
0.56341   -8.866149  -81.203156  -0.927664
-0.004251  -1.518077 -127.407104

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.564656  136.648095   0.800743
 0.006882   0.460172 142.206794
0.14085   11.564656  136.648095   0.800743
 0.006882   0.124914 131.584625
0.28170   11.564656  136.648095   0.800743
 0.006882   0.194832 143.187368
0.42256   11.564656  136.648095   0.800743
 0.006882   0.488993 171.914746
0.56341   11.564656  136.648095   0.800743
 0.006882   0.783118 212.692078

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -12.386742 -106.399057  -0.701304
-0.006211  -0.402868  -75.208652
0.14085  -12.386742 -106.399057  -0.701304
-0.006211  -0.112474  -92.541802
0.28170  -12.386742 -106.399057  -0.701304
-0.006211  -0.223984 -110.480135
0.42256  -12.386742 -106.399057  -0.701304
-0.006211  -0.547988 -129.155974
0.56341  -12.386742 -106.399057  -0.701304
-0.006211  -0.883670 -169.501736

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   10.690726  130.534910   1.373150
 0.006741   0.783253 153.768277
0.14085   10.690726  130.534910   1.373150
 0.006741   0.208520 144.844719
0.28170   10.690726  130.534910   1.373150
 0.006741   0.255297 156.111353
0.42256   10.690726  130.534910   1.373150
 0.006741   0.640052 182.270187
0.56341   10.690726  130.534910   1.373150
 0.006741   1.027158 220.415219

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -11.357382  -105.175096  -0.927664
-0.006127  -0.535928  -90.153830
0.14085  -11.357382  -105.175096  -0.927664
-0.006127  -0.148487 -111.120879
0.28170  -11.357382  -105.175096  -0.927664
-0.006127  -0.380222 -132.885789
0.42256  -11.357382  -105.175096  -0.927664
-0.006127  -0.944221 -155.592378
0.56341  -11.357382  -105.175096  -0.927664
-0.006127  -1.518077 -188.605236

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.564656  136.648095   1.373150
 0.006882   0.783253 153.768277
0.14085   11.564656  136.648095   1.373150
 0.006882   0.208520 144.844719
0.28170   11.564656  136.648095   1.373150
 0.006882   0.255297 156.111353
0.42256   11.564656  136.648095   1.373150
 0.006882   0.640052 182.270187
0.56341   11.564656  136.648095   1.373150
 0.006882   1.027158 220.415219
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3128

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -12.386742 -106.399057  -0.927664
-0.006211  -0.535928  -90.153830
0.14085  -12.386742 -106.399057  -0.927664
-0.006211  -0.148487 -111.120879
0.28170  -12.386742 -106.399057  -0.927664
-0.006211  -0.380222 -132.885789
0.42256  -12.386742 -106.399057  -0.927664
-0.006211  -0.944221 -155.592378
0.56341  -12.386742 -106.399057  -0.927664
-0.006211  -1.518077 -188.605236

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.564656  136.648095   1.373150
 0.006882   0.783253 153.768277
0.14085   11.564656  136.648095   1.373150
 0.006882   0.208520 144.844719
0.28170   11.564656  136.648095   1.373150
 0.006882   0.255297 156.111353
0.42256   11.564656  136.648095   1.373150
 0.006882   0.640052 182.270187
0.56341   11.564656  136.648095   1.373150
 0.006882   1.027158 220.415219

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -12.386742 -106.399057  -0.927664
-0.006211  -0.535928  -90.153830
0.14085  -12.386742 -106.399057  -0.927664
-0.006211  -0.148487 -111.120879
0.28170  -12.386742 -106.399057  -0.927664
-0.006211  -0.380222 -132.885789
0.42256  -12.386742 -106.399057  -0.927664
-0.006211  -0.944221 -155.592378
0.56341  -12.386742 -106.399057  -0.927664
-0.006211  -1.518077 -188.605236

ELEM      292 ================== LENGTH
=  2.977120

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43666    0.618168   15.644036   0.364439
 1.21E-05   0.404985   1.565451
0.57750    0.618168   15.644036   0.364439
 1.21E-05   0.252186   1.273477
0.71833    0.618168   15.644036   0.364439
 1.21E-05   0.099396   1.261680
0.85917    0.618168   15.644036   0.364439
 1.21E-05   0.051428   5.080869
1.00000    0.618168   15.644036   0.364439
 1.21E-05   0.198829   8.032886

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43666   -4.119541  -7.835026  -0.351433
-0.001024  -0.390566 -23.896410
0.57750   -4.119541  -7.835026  -0.351433
-0.001024  -0.243218 -29.674466
0.71833   -4.119541  -7.835026  -0.351433
-0.001024  -0.095854 -35.888116
0.85917   -4.119541  -7.835026  -0.351433
-0.001024  -0.053306 -41.921606
1.00000   -4.119541  -7.835026  -0.351433
-0.001024  -0.206225 -48.085459

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43666    0.981497   39.604168   0.630033
 0.000295   0.700209  28.298967
0.57750    0.981497   39.604168   0.630033
 0.000295   0.436128  20.465368
0.71833    0.981497   39.604168   0.630033
 0.000295   0.172565  14.766871
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3129

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.85917    0.981497   39.604168   0.630033
 0.000295   0.082357  11.947762
1.00000    0.981497   39.604168   0.630033
 0.000295   0.317114  14.824696

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43666   -8.194562  -13.500710  -0.561040
-0.001902  -0.623816 -30.433863
0.57750   -8.194562  -13.500710  -0.561040
-0.001902  -0.388586 -36.640831
0.71833   -8.194562  -13.500710  -0.561040
-0.001902  -0.153329 -45.212396
0.85917   -8.194562  -13.500710  -0.561040
-0.001902  -0.092217 -56.373960
1.00000   -8.194562  -13.500710  -0.561040
-0.001902  -0.356446 -68.130030

COMB DB-G1-3 ------------------- MAX
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REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.910546	91.021099	0.853132
4.87E-05	0.949855	169.365208	
0.57750	0.910546	91.021099	0.853132
4.87E-05	0.592202	139.057275	
0.71833	0.910546	91.021099	0.853132
4.87E-05	0.234581	110.238198	
0.85917	0.910546	91.021099	0.853132
4.87E-05	0.082398	83.422832	
1.00000	0.910546	91.021099	0.853132
4.87E-05	0.321006	60.187112	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-11.472137	-10.985508	-0.568770
-0.001497	-0.632900	-28.445701	
0.57750	-11.472137	-10.985508	-0.568770
-0.001497	-0.394451	-34.713118	
0.71833	-11.472137	-10.985508	-0.568770
-0.001497	-0.155918	-42.183862	
0.85917	-11.472137	-10.985508	-0.568770
-0.001497	-0.123201	-51.364678	
1.00000	-11.472137	-10.985508	-0.568770
-0.001497	-0.480996	-60.924227	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	7.293142	81.375433	0.954506
0.004055	1.051248	158.865580	
0.57750	7.293142	81.375433	0.954506
0.004055	0.652395	133.644659	
0.71833	7.293142	81.375433	0.954506
0.004055	0.263403	118.452082	
0.85917	7.293142	81.375433	0.954506
0.004055	0.105604	116.892018	
1.00000	7.293142	81.375433	0.954506
0.004055	0.367254	129.561681	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.941542	-91.877279	-0.650262
-0.004708	-0.723302	-83.942373	
0.57750	-9.941542	-91.877279	-0.650262
-0.004708	-0.450687	-59.078839	
0.71833	-9.941542	-91.877279	-0.650262
-0.004708	-0.177982	-47.065291	
0.85917	-9.941542	-91.877279	-0.650262
-0.004708	-0.151373	-44.239276	
1.00000	-9.941542	-91.877279	-0.650262
-0.004708	-0.549884	-53.590679	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.447491	37.927800	0.319254
0.000162	0.355924	67.431242	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3130
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57750	0.447491	37.927800	0.319254
0.000162	0.222105	52.199915	
0.71833	0.447491	37.927800	0.319254
0.000162	0.088310	37.233725	
0.85917	0.447491	37.927800	0.319254
0.000162	0.027349	22.945941	
1.00000	0.447491	37.927800	0.319254
0.000162	0.107160	14.334064	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-5.040614	-3.152846	-0.190273
-0.000648	-0.211959	-6.919972	
0.57750	-5.040614	-3.152846	-0.190273
-0.000648	-0.132182	-5.796417	
0.71833	-5.040614	-3.152846	-0.190273
-0.000648	-0.052384	-6.136049	
0.85917	-5.040614	-3.152846	-0.190273
-0.000648	-0.045603	-8.712606	
1.00000	-5.040614	-3.152846	-0.190273
-0.000648	-0.179510	-11.820105	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	4.367701	85.157930	0.651168
0.004880	0.707278	205.046782	
0.57750	4.367701	85.157930	0.651168
0.004880	0.436057	171.720455	
0.71833	4.367701	85.157930	0.651168
0.004880	0.178308	148.656594	
0.85917	4.367701	85.157930	0.651168
0.004880	0.053445	140.354465	
1.00000	4.367701	85.157930	0.651168
0.004880	0.149959	135.584785	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-7.849584	-61.077068	-0.266429
-0.005119	-0.296853	-26.462876	
0.57750	-7.849584	-61.077068	-0.266429
-0.005119	-0.185174	-7.514295	
0.71833	-7.849584	-61.077068	-0.266429
-0.005119	-0.073413	-6.164451	
0.85917	-7.849584	-61.077068	-0.266429
-0.005119	-0.113967	-8.823484	
1.00000	-7.849584	-61.077068	-0.266429
-0.005119	-0.385127	-12.083577	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	4.304689	90.440612	0.857600
0.004401	0.938277	183.619874	
0.57750	4.304689	90.440612	0.857600
0.004401	0.580330	153.869422	
0.71833	4.304689	90.440612	0.857600
0.004401	0.234518	133.962024	
0.85917	4.304689	90.440612	0.857600
0.004401	0.086882	128.980670	
1.00000	4.304689	90.440612	0.857600
0.004401	0.284974	126.989159	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-10.457610	-60.686748	-0.505063
-0.005396	-0.562050	-35.416360	
0.57750	-10.457610	-60.686748	-0.505063
-0.005396	-0.350314	-24.524292	
0.71833	-10.457610	-60.686748	-0.505063
-0.005396	-0.138494	-29.267350	
0.85917	-10.457610	-60.686748	-0.505063
-0.005396	-0.141418	-37.254123	
1.00000	-10.457610	-60.686748	-0.505063
-0.005396	-0.500309	-45.713458	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3131
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	9.046355	80.542941	0.949583
0.003699	1.046012	157.955919	
0.57750	9.046355	80.542941	0.949583
0.003699	0.648949	131.375110	
0.71833	9.046355	80.542941	0.949583
0.003699	0.260206	111.746926	
0.85917	9.046355	80.542941	0.949583
0.003699	0.105961	104.640851	
1.00000	9.046355	80.542941	0.949583
0.003699	0.376979	114.118650	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.246561	-101.679864	-0.667688
-0.003749	-0.742793	-108.786593	
0.57750	-9.246561	-101.679864	-0.667688
-0.003749	-0.462869	-76.555243	
0.71833	-9.246561	-101.679864	-0.667688
-0.003749	-0.182874	-55.511644	
0.85917	-9.246561	-101.679864	-0.667688
-0.003749	0.149022	-36.857698	
1.00000	-9.246561	-101.679864	-0.667688
-0.003749	-0.546739	-42.394125	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	8.791393	9.950838	0.429407
0.001189	0.477509	11.769383	
0.57750	8.791393	9.950838	0.429407
0.001189	0.297469	7.874009	
0.71833	8.791393	9.950838	0.429407
0.001189	0.117442	4.423885	
0.85917	8.791393	9.950838	0.429407
0.001189	0.062197	3.574765	
1.00000	8.791393	9.950838	0.429407
0.001189	0.241215	3.120096	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.842695	-72.975144	-0.426881
-7.24E-06	-0.474717	-133.795580	
0.57750	-0.842695	-72.975144	-0.426881
-7.24E-06	-0.295734	-103.245093	
0.71833	-0.842695	-72.975144	-0.426881
-7.24E-06	-0.116735	-72.719381	
0.85917	-0.842695	-72.975144	-0.426881
-7.24E-06	-0.062597	-42.205395	
1.00000	-0.842695	-72.975144	-0.426881
-7.24E-06	-0.242660	-11.732760	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	15.061004	34.892663	0.723575
0.007294	0.782494	89.697192	
0.57750	15.061004	34.892663	0.723575
0.007294	0.481247	77.806893	
0.71833	15.061004	34.892663	0.723575
0.007294	0.196379	78.652422	
0.85917	15.061004	34.892663	0.723575
0.007294	0.098936	98.673784	
1.00000	15.061004	34.892663	0.723575
0.007294	0.310987	120.294367	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-2.200204	-160.005797	-0.550072
-0.005689	-0.611485	-173.840161	
0.57750	-2.200204	-160.005797	-0.550072
-0.005689	-0.380858	-114.741353	
0.71833	-2.200204	-160.005797	-0.550072
-0.005689	-0.150164	-75.486525	
0.85917	-2.200204	-160.005797	-0.550072
-0.005689	-0.129033	-38.866086	
1.00000	-2.200204	-160.005797	-0.550072
-0.005689	-0.431378	-10.186930	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3132
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	12.800293	77.340235	0.924665
0.005269	1.013997	183.317412	
0.57750	12.800293	77.340235	0.924665
0.005269	0.627812	152.916240	
0.71833	12.800293	77.340235	0.924665
0.005269	0.252393	131.173533	
0.85917	12.800293	77.340235	0.924665
0.005269	0.099834	123.279288	
1.00000	12.800293	77.340235	0.924665
0.005269	0.339157	117.093239	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-6.565776	-131.353436	-0.601046
-0.004069	-0.668841	-156.936354	
0.57750	-6.565776	-131.353436	-0.601046
-0.004069	-0.416861	-107.365160	
0.71833	-6.565776	-131.353436	-0.601046
-0.004069	-0.164805	-71.457819	
0.85917	-6.565776	-131.353436	-0.601046
-0.004069	-0.150055	-37.399508	
1.00000	-6.565776	-131.353436	-0.601046
-0.004069	-0.537047	-11.597679	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	10.989730	79.570995	0.990108
0.004397	1.089400	159.975121	
0.57750	10.989730	79.570995	0.990108
0.004397	0.675515	131.579967	
0.71833	10.989730	79.570995	0.990108
0.004397	0.270927	111.630756	
0.85917	10.989730	79.570995	0.990108
0.004397	0.112739	103.961547	
1.00000	10.989730	79.570995	0.990108
0.004397	0.397628	100.235934	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-8.578191	-113.159802	-0.704382
-0.004001	-0.783690	-136.779872	
0.57750	-8.578191	-113.159802	-0.704382
-0.004001	-0.488379	-98.901050	
0.71833	-8.578191	-113.159802	-0.704382
-0.004001	-0.192998	-73.178364	
0.85917	-8.578191	-113.159802	-0.704382
-0.004001	-0.156738	-50.253709	
1.00000	-8.578191	-113.159802	-0.704382
-0.004001	-0.571352	-34.520580	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.899347	19.842883	0.678043
8.96E-06	0.755185	1.823766	
0.57750	0.899347	19.842883	0.678043
8.96E-06	0.470885	1.507021	
0.71833	0.899347	19.842883	0.678043
8.96E-06	0.186311	3.304963	
0.85917	0.899347	19.842883	0.678043
8.96E-06	0.070072	6.922276	
1.00000	0.899347	19.842883	0.678043
8.96E-06	0.273364	10.820512	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-4.018943	-9.964740	-0.485605
-0.001043	-0.539523	-32.083142	
0.57750	-4.018943	-9.964740	-0.485605
-0.001043	-0.335757	-36.921873	
0.71833	-4.018943	-9.964740	-0.485605
-0.001043	-0.131328	-43.336827	
0.85917	-4.018943	-9.964740	-0.485605
-0.001043	-0.097401	-51.244943	
1.00000	-4.018943	-9.964740	-0.485605
-0.001043	-0.382103	-59.242986	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3133
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.285711	45.579801	1.200308
0.000221	1.337463	30.574099	
0.57750	1.285711	45.579801	1.200308
0.000221	0.834353	21.801226	
0.71833	1.285711	45.579801	1.200308
0.000221	0.331201	15.907779	
0.85917	1.285711	45.579801	1.200308
0.000221	0.109115	14.112809	
1.00000	1.285711	45.579801	1.200308
0.000221	0.423968	17.442127	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-8.211056	-15.622119	-0.752823
-0.001774	-0.836326	-39.086325	
0.57750	-8.211056	-15.622119	-0.752823
-0.001774	-0.520309	-44.912482	
0.71833	-8.211056	-15.622119	-0.752823
-0.001774	-0.203943	-53.890736	
0.85917	-8.211056	-15.622119	-0.752823
-0.001774	-0.172555	-66.050124	
1.00000	-8.211056	-15.622119	-0.752823
-0.001774	-0.675886	-80.778068	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	1.310596	90.544778	1.444620
6.34E-05	1.611489	173.288769	
0.57750	1.310596	90.544778	1.444620
6.34E-05	1.005936	144.945415	
0.71833	1.310596	90.544778	1.444620
6.34E-05	0.400052	118.917981	
0.85917	1.310596	90.544778	1.444620
6.34E-05	0.108164	96.135071	
1.00000	1.310596	90.544778	1.444620
6.34E-05	0.424526	76.998146	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-10.865157	-14.315897	-0.754014
-0.001472	-0.837315	-36.378771	
0.57750	-10.865157	-14.315897	-0.754014
-0.001472	-0.521428	-41.782712	
0.71833	-10.865157	-14.315897	-0.754014
-0.001472	-0.204699	-49.436120	
0.85917	-10.865157	-14.315897	-0.754014
-0.001472	-0.206808	-59.837622	
1.00000	-10.865157	-14.315897	-0.754014
-0.001472	-0.812489	-71.949027	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	6.740413	82.245933	1.637967
0.003278	1.815801	167.169241	
0.57750	6.740413	82.245933	1.637967
0.003278	1.131592	143.399849	
0.71833	6.740413	82.245933	1.637967
0.003278	0.452296	128.563051	
0.85917	6.740413	82.245933	1.637967
0.003278	0.141335	128.673594	
1.00000	6.740413	82.245933	1.637967
0.003278	0.513275	140.872814	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.392831	-83.475546	-0.892651
-0.003929	-0.989989	-83.729828	
0.57750	-9.392831	-83.475546	-0.892651
-0.003929	-0.616195	-90.275657	
0.71833	-9.392831	-83.475546	-0.892651
-0.003929	-0.241492	-50.900611	
0.85917	-9.392831	-83.475546	-0.892651
-0.003929	-0.246584	-51.419590	
1.00000	-9.392831	-83.475546	-0.892651
-0.003929	-0.932132	-93.139866	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3134
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.434502	35.828779	0.553216
0.000161	0.617562	67.357201	
0.57750	0.434502	35.828779	0.553216
0.000161	0.385660	52.877017	
0.71833	0.434502	35.828779	0.553216
0.000161	0.153801	38.803042	
0.85917	0.434502	35.828779	0.553216
0.000161	0.034121	26.072621	
1.00000	0.434502	35.828779	0.553216
0.000161	0.132761	16.686797	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-4.926007	-3.594790	-0.236627
-0.000553	-0.262490	-6.727459	
0.57750	-4.926007	-3.594790	-0.236627
-0.000553	-0.163301	-6.289810	
0.71833	-4.926007	-3.594790	-0.236627
-0.000553	-0.064232	-6.681454	
0.85917	-4.926007	-3.594790	-0.236627
-0.000553	-0.079100	-8.125639	
1.00000	-4.926007	-3.594790	-0.236627
-0.000553	-0.310389	-11.247318	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	3.930868	79.158616	0.968207
0.004251	1.064088	211.023658	
0.57750	3.930868	79.158616	0.968207
0.004251	0.661390	180.665385	
0.71833	3.930868	79.158616	0.968207
0.004251	0.266792	159.362718	
0.85917	3.930868	79.158616	0.968207
0.004251	0.069250	150.506969	
1.00000	3.930868	79.158616	0.968207
0.004251	0.211634	145.025431	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-7.246459	-53.248112	-0.349726
-0.004451	-0.386534	-26.546188	
0.57750	-7.246459	-53.248112	-0.349726
-0.004451	-0.240549	-7.558000	
0.71833	-7.246459	-53.248112	-0.349726
-0.004451	-0.094311	-6.538147	
0.85917	-7.246459	-53.248112	-0.349726
-0.004451	-0.157541	-8.225795	
1.00000	-7.246459	-53.248112	-0.349726
-0.004451	-0.562145	-11.663770	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	3.990642	88.870612	1.414014
0.003835	1.562148	188.600946	
0.57750	3.990642	88.870612	1.414014
0.003835	0.972332	161.692791	
0.71833	3.990642	88.870612	1.414014
0.003835	0.389875	143.979375	
0.85917	3.990642	88.870612	1.414014
0.003835	0.114525	139.488032	
1.00000	3.990642	88.870612	1.414014
0.003835	0.392809	137.552335	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-9.912121	-55.140348	-0.673218
-0.004786	-0.746046	-39.532095	
0.57750	-9.912121	-55.140348	-0.673218
-0.004786	-0.464385	-27.796955	
0.71833	-9.912121	-55.140348	-0.673218
-0.004786	-0.181860	-32.854860	
0.85917	-9.912121	-55.140348	-0.673218
-0.004786	-0.220363	-41.844866	
1.00000	-9.912121	-55.140348	-0.673218
-0.004786	-0.811747	-52.042291	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3135
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	8.125321	80.356074	1.679789
0.003092	1.863526	162.395883	
0.57750	8.125321	80.356074	1.679789
0.003092	1.160905	137.425580	
0.71833	8.125321	80.356074	1.679789
0.003092	0.463930	119.353957	
0.85917	8.125321	80.356074	1.679789
0.003092	0.142693	113.245977	
1.00000	8.125321	80.356074	1.679789
0.003092	0.524020	125.285101	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-8.693432	-93.894575	-0.914056
-0.003149	-1.014116	-102.699741	
0.57750	-8.693432	-93.894575	-0.914056
-0.003149	-0.631166	-72.713906	
0.71833	-8.693432	-93.894575	-0.914056
-0.003149	-0.247535	-53.996251	
0.85917	-8.693432	-93.894575	-0.914056
-0.003149	-0.250816	-40.641705	
1.00000	-8.693432	-93.894575	-0.914056
-0.003149	-0.953423	-48.443728	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	7.802306	11.975910	0.854293
0.001158	0.951588	13.116587	
0.57750	7.802306	11.975910	0.854293
0.001158	0.592503	8.243154	
0.71833	7.802306	11.975910	0.854293
0.001158	0.235493	4.886764	
0.85917	7.802306	11.975910	0.854293
0.001158	0.087561	3.774760	
1.00000	7.802306	11.975910	0.854293
0.001158	0.340531	3.774760	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.709365	-70.742194	-0.602012
-4.28E-06	-0.668818	-131.684693	
0.57750	-0.709365	-70.742194	-0.602012
-4.28E-06	-0.416366	-102.073718	
0.71833	-0.709365	-70.742194	-0.602012
-4.28E-06	-0.163625	-73.883560	
0.85917	-0.709365	-70.742194	-0.602012
-4.28E-06	-0.121612	-47.416895	
1.00000	-0.709365	-70.742194	-0.602012
-4.28E-06	-0.478677	-21.113434	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	13.832092	35.454745	1.306943
0.007257	1.431745	96.616229	
0.57750	13.832092	35.454745	1.306943
0.007257	0.867145	85.298698	
0.71833	13.832092	35.454745	1.306943
0.007257	0.356897	87.951667	
0.85917	13.832092	35.454745	1.306943
0.007257	0.144814	109.299235	
1.00000	13.832092	35.454745	1.306943
0.007257	0.478665	132.135478	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-1.804417	-154.034748	-0.808579
-0.005721	-0.895544	-170.973770	
0.57750	-1.804417	-154.034748	-0.808579
-0.005721	-0.557388	-109.595582	
0.71833	-1.804417	-154.034748	-0.808579
-0.005721	-0.218905	-74.117212	
0.85917	-1.804417	-154.034748	-0.808579
-0.005721	-0.214016	-43.208497	
1.00000	-1.804417	-154.034748	-0.808579
-0.005721	-0.759481	-15.241188	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3136
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	11.846402	71.423931	1.568056
0.005446	1.730899	184.175278	
0.57750	11.846402	71.423931	1.568056
0.005446	1.076047	156.999412	
0.71833	11.846402	71.423931	1.568056
0.005446	0.432235	140.188517	
0.85917	11.846402	71.423931	1.568056
0.005446	0.141228	137.364165	
1.00000	11.846402	71.423931	1.568056
0.005446	0.488989	135.909243	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-5.721299	-128.328619	-0.838596

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-0.004305   -0.929181 -153.164785
0.57750   -5.721299 -128.328619      -0.838596
-0.004305   -0.576293 -101.817778
0.71833   -5.721299 -128.328619      -0.838596
-0.004305   -0.227132  -69.387763
0.85917   -5.721299 -128.328619      -0.838596
-0.004305   -0.243409  -40.551073
1.00000   -5.721299 -128.328619      -0.838596
-0.004305   -0.898835  -14.683211

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43666   10.205505   77.391681    1.759435
 0.004552    1.947289  160.905021
0.57750   10.205505   77.391681    1.759435
 0.004552    1.211840  135.071824
0.71833   10.205505   77.391681    1.759435
 0.004552    0.485554  119.095743
0.85917   10.205505   77.391681    1.759435
 0.004552    0.156695  116.510378
1.00000   10.205505   77.391681    1.759435
 0.004552    0.558862  117.066722

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43666   -7.996392 -111.699375      -0.967658
-0.004166   -1.073015 -135.698023
0.57750   -7.996392 -111.699375      -0.967658
-0.004166   -0.667666 -114.741353
0.71833   -7.996392 -111.699375      -0.967658
-0.004166   -0.262218  -73.470899
0.85917   -7.996392 -111.699375      -0.967658
-0.004166   -0.267718  -55.146696
1.00000   -7.996392 -111.699375      -0.967658
-0.004166   -1.003625  -40.267442

COMB      DB ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43666   15.061004   91.021099    0.990108
 0.007294    1.569400  205.046782
0.57750   15.061004   91.021099    0.990108
 0.007294    0.675515  171.720455
0.71833   15.061004   91.021099    0.990108
 0.007294    0.270927  148.656594
0.85917   15.061004   91.021099    0.990108
 0.007294    0.112739  140.354465
1.00000   15.061004   91.021099    0.990108
 0.007294    0.397628  135.584785

COMB      DB ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43666  -11.472137 -160.005797      -0.704382
-0.005689   -0.783690 -173.840161
0.57750  -11.472137 -160.005797      -0.704382
-0.005689   -0.488379 -114.741353
0.71833  -11.472137 -160.005797      -0.704382
-0.005689   -0.192998  -75.486525
0.85917  -11.472137 -160.005797      -0.704382
-0.005689   -0.156738  -56.373960
1.00000  -11.472137 -160.005797      -0.704382
-0.005689   -0.571352  -68.130030
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3137

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43666   13.832092   90.544778    1.759435
 0.007257    1.947289  211.023658
0.57750   13.832092   90.544778    1.759435
 0.007257    1.211840  180.665385
0.71833   13.832092   90.544778    1.759435
 0.007257    0.485554  159.362718
0.85917   13.832092   90.544778    1.759435
 0.007257    0.156695  150.506969
1.00000   13.832092   90.544778    1.759435
 0.007257    0.558862  145.025431

COMB      DL ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43666  -10.865157 -154.034748      -0.967658
-0.005721   -1.073015 -170.973770
0.57750  -10.865157 -154.034748      -0.967658
-0.005721   -0.667666 -109.595582
0.71833  -10.865157 -154.034748      -0.967658
-0.005721   -0.262218  -74.117212
0.85917  -10.865157 -154.034748      -0.967658
-0.005721   -0.267718  -66.050124
1.00000  -10.865157 -154.034748      -0.967658
-0.005721   -1.003625  -80.778068

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43666   15.061004   91.021099    1.759435
 0.007294    1.947289  211.023658
0.57750   15.061004   91.021099    1.759435
 0.007294    1.211840  180.665385
0.71833   15.061004   91.021099    1.759435
 0.007294    0.485554  159.362718
0.85917   15.061004   91.021099    1.759435
 0.007294    0.156695  150.506969
1.00000   15.061004   91.021099    1.759435
 0.007294    0.558862  145.025431

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43666  -11.472137 -160.005797      -0.967658
-0.005721   -1.073015 -173.840161
0.57750  -11.472137 -160.005797      -0.967658
-0.005721   -0.667666 -114.741353
0.71833  -11.472137 -160.005797      -0.967658
-0.005721   -0.262218  -75.486525
0.85917  -11.472137 -160.005797      -0.967658
-0.005721   -0.267718  -66.050124
1.00000  -11.472137 -160.005797      -0.967658
-0.005721   -1.003625  -80.778068

COMB    DESIGN ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43666   15.061004   91.021099    1.759435
 0.007294    1.947289  211.023658
0.57750   15.061004   91.021099    1.759435
 0.007294    1.211840  180.665385
0.71833   15.061004   91.021099    1.759435
 0.007294    0.485554  159.362718
0.85917   15.061004   91.021099    1.759435
 0.007294    0.156695  150.506969
1.00000   15.061004   91.021099    1.759435
 0.007294    0.558862  145.025431

COMB    DESIGN ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43666  -11.472137 -160.005797      -0.967658
-0.005721   -1.073015 -173.840161
0.57750  -11.472137 -160.005797      -0.967658
-0.005721   -0.667666 -114.741353
0.71833  -11.472137 -160.005797      -0.967658
-0.005721   -0.262218  -75.486525
0.85917  -11.472137 -160.005797      -0.967658
-0.005721   -0.267718  -66.050124
1.00000  -11.472137 -160.005797      -0.967658
-0.005721   -1.003625  -80.778068
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3138

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      293 ========== LENGTH =    2.977216

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.600162   15.565475    0.358822
 6.85E-06    0.200872    8.041100
0.14084    0.600162   15.565475    0.358822
 6.85E-06    0.050273   11.142926
0.28168    0.600162   15.565475    0.358822
 6.85E-06    0.096481   14.291377
0.42251    0.600162   15.565475    0.358822
 6.85E-06    0.241591   17.472708
0.56335    0.600162   15.565475    0.358822
 6.85E-06    0.386686   20.675957

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -4.080490   -7.710729   -0.346038
-0.000690   -0.193697  -48.100347
0.14084   -4.080490   -7.710729   -0.346038
-0.000690   -0.044851  -54.416808
0.28168   -4.080490   -7.710729   -0.346038
-0.000690   -0.100067  -60.745886
0.42251   -4.080490   -7.710729   -0.346038
-0.000690   -0.250501  -67.109165
0.56335   -4.080490   -7.710729   -0.346038
-0.000690   -0.400954  -73.510164

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.847652   40.853124    0.612187
 0.000186    0.342052   14.847176
0.14084    0.847652   40.853124    0.612187
 0.000186    0.085342   17.857655
0.28168    0.847652   40.853124    0.612187
 0.000186    0.154323   21.247958
0.42251    0.847652   40.853124    0.612187
 0.000186    0.386896   25.229919
0.56335    0.847652   40.853124    0.612187
 0.000186    0.619444   29.665367

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -8.212723  -11.462629   -0.554610
-0.001392   -0.310821  -68.155004
0.14084   -8.212723  -11.462629   -0.554610
-0.001392   -0.078735  -82.486822
0.28168   -8.212723  -11.462629   -0.554610
-0.001392   -0.172082  -97.136378
0.42251   -8.212723  -11.462629   -0.554610
-0.001392   -0.428155  -112.148982
0.56335   -8.212723  -11.462629   -0.554610
-0.001392   -0.684758  -128.305216

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.908637   90.044597    0.823257
 0.000204    0.457914   60.167619
0.14084    0.908637   90.044597    0.823257
 0.000204    0.112819   45.534264
0.28168    0.908637   90.044597    0.823257
 0.000204    0.156029   44.770255
0.42251    0.908637   90.044597    0.823257
 0.000204    0.394192   46.985859
0.56335    0.908637   90.044597    0.823257
 0.000204    0.631372   50.214983

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -11.330707  -10.857928   -0.565710
-0.001514   -0.317458  -60.940400
0.14084  -11.330707  -10.857928   -0.565710
-0.001514   -0.080144  -71.488394
0.28168  -11.330707  -10.857928   -0.565710
-0.001514   -0.232796  -82.825089
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3139

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.42251  -11.330707  -10.857928   -0.565710
-0.001514   -0.577844  -118.473480
0.56335  -11.330707  -10.857928   -0.565710
-0.001514   -0.923029  -155.900688

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    5.044838  114.963599    0.950283
 0.003962    0.544583  129.737278
0.14084    5.044838  114.963599    0.950283
 0.003962    0.146935  119.410548
0.28168    5.044838  114.963599    0.950283
 0.003962    0.178933  120.275209
0.42251    5.044838  114.963599    0.950283
 0.003962    0.449094  132.564902
0.56335    5.044838  114.963599    0.950283
 0.003962    0.719165  153.573387

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -11.659094  -55.268568   -0.644158
-0.004701   -0.362511   -53.597084
0.14084  -11.659094  -55.268568   -0.644158
-0.004701   -0.102765   -63.052190
0.28168  -11.659094  -55.268568   -0.644158
-0.004701   -0.264892   -75.174553
0.42251  -11.659094  -55.268568   -0.644158
-0.004701   -0.652494  -106.092444
0.56335  -11.659094  -55.268568   -0.644158
-0.004701   -1.049435  -146.331194

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.455570   37.526368    0.301444
 9.22E-06    0.166594   14.325631
0.14084    0.455570   37.526368    0.301444
 9.22E-06    0.040339   11.160580
0.28168    0.455570   37.526368    0.301444
 9.22E-06    0.052710   10.888187
0.42251    0.455570   37.526368    0.301444
 9.22E-06    0.132786   11.622340
0.56335    0.455570   37.526368    0.301444
 9.22E-06    0.212842   11.826838

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -4.989929   -3.059322   -0.190925
-0.000584   -0.107392   -11.824504
0.14084   -4.989929   -3.059322   -0.190925
-0.000584   -0.027302   -14.995645
0.28168   -4.989929   -3.059322   -0.190925
-0.000584   -0.086421   -29.009161
0.42251   -4.989929   -3.059322   -0.190925
-0.000584   -0.212708   -43.950451
0.56335   -4.989929   -3.059322   -0.190925
-0.000584   -0.339093   -59.467916

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    1.248639  131.326075    0.627017
 0.005017    0.367090  135.838628
0.14084    1.248639  131.326075    0.627017
 0.005017    0.105421   95.341366
0.28168    1.248639  131.326075    0.627017
 0.005017    0.073802   69.621814
0.42251    1.248639  131.326075    0.627017
 0.005017    0.186035   59.356325
0.56335    1.248639  131.326075    0.627017
 0.005017    0.298187   60.830591

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -10.263299  -10.461764   -0.267544
-0.005578   -0.152288   -12.080307
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3140

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.14084  -10.263299  -10.461764   -0.267544
-0.005578   -0.054414   -15.424866
0.28168  -10.263299  -10.461764   -0.267544
-0.005578   -0.175904   -22.351808
0.42251  -10.263299  -10.461764   -0.267544
-0.005578   -0.423973   -54.075704
0.56335  -10.263299  -10.461764   -0.267544
-0.005578   -0.684808   -98.447319

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    1.494272  132.073187    0.833377
 0.004533    0.481319  127.225443
0.14084    1.494272  132.073187    0.833377
 0.004533    0.132907   93.086134
0.28168    1.494272  132.073187    0.833377
 0.004533    0.139319   72.195834
0.42251    1.494272  132.073187    0.833377
 0.004533    0.350079   65.212720
0.56335    1.494272  132.073187    0.833377
 0.004533    0.560754   68.847463

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -12.604535  -14.904271   -0.502506
-0.005570   -0.283631   -45.723073
0.14084  -12.604535  -14.904271   -0.502506
-0.005570   -0.185853   -54.224704
0.28168  -12.604535  -14.904271   -0.502506
-0.005570   -0.233031   -66.316786
0.42251  -12.604535  -14.904271   -0.502506
-0.005570   -0.569103  -100.643012
0.56335  -12.604535  -14.904271   -0.502506
-0.005570   -0.916667  -146.286118

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    7.272293  107.695746    0.946528
 0.003629    0.540638  114.243735
0.14084    7.272293  107.695746    0.946528
 0.003629    0.144441  114.026462
0.28168    7.272293  107.695746    0.946528
 0.003629    0.183758  125.360955
0.42251    7.272293  107.695746    0.946528
 0.003629    0.461362  146.536552
0.56335    7.272293  107.695746    0.946528
 0.003629    0.738894  174.849998

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -10.623262  -72.214395   -0.661950
-0.003891   -0.372364   -42.394776
0.14084  -10.623262  -72.214395   -0.661950
-0.003891   -0.103261   -51.431903
0.28168  -10.623262  -72.214395   -0.661950
-0.003891   -0.263346   -63.245777
0.42251  -10.623262  -72.214395   -0.661950
-0.003891   -0.651424   -94.197203
0.56335  -10.623262  -72.214395   -0.661950
-0.003891   -1.047076  -132.829963

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.867683  10.017386    0.423355
 0.001159    0.237310   3.116972
0.14084    8.867683  10.017386    0.423355
 0.001159    0.059782  20.714429
0.28168    8.867683  10.017386    0.423355
 0.001159    0.117083  51.208839
0.42251    8.867683  10.017386    0.423355
 0.001159    0.293716  81.914074
0.56335    8.867683  10.017386    0.423355
 0.001159    0.470350  112.690262
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3141

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.832431  -73.541685   -0.421253
-1.81E-05   -0.236183   -11.766351
0.14084   -0.832431  -73.541685   -0.421253
-1.81E-05   -0.059541   -11.345678
0.28168   -0.832431  -73.541685   -0.421253
-1.81E-05   -0.117739   -14.711016
0.42251   -0.832431  -73.541685   -0.421253
-1.81E-05   -0.295239   -18.293160
0.56335   -0.832431  -73.541685   -0.421253
-1.81E-05   -0.472751   -22.314464

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   11.335996  92.069689    0.716612
 0.007176    0.424663  120.630199
0.14084   11.335996  92.069689    0.716612
 0.007176    0.126157  122.490313
0.28168   11.335996  92.069689    0.716612
 0.007176    0.150915  131.402897
0.42251   11.335996  92.069689    0.716612
 0.007176    0.378801  157.028475
0.56335   11.335996  92.069689    0.716612
 0.007176    0.606670  196.148065

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -5.232479  -99.182486   -0.543426
-0.005879   -0.306894   -10.168473
0.14084   -5.232479  -99.182486   -0.543426
-0.005879   -0.096544   -14.819561
0.28168   -5.232479  -99.182486   -0.543426
-0.005879   -0.196843   -19.557081
0.42251   -5.232479  -99.182486   -0.543426
-0.005879   -0.479425   -26.738439
0.56335   -5.232479  -99.182486   -0.543426
-0.005879   -0.777386   -51.495080

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   10.283822  116.041408    0.901677
 0.005319    0.518911  117.297177
0.14084   10.283822  116.041408    0.901677
 0.005319    0.142761  115.636070
0.28168   10.283822  116.041408    0.901677
 0.005319    0.165408  127.840365
0.42251   10.283822  116.041408    0.901677
 0.005319    0.415572  153.103210
0.56335   10.283822  116.041408    0.901677
 0.005319    0.665683  188.262157

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -8.573470  -89.811971   -0.596554
-0.004547   -0.336320   -11.578860
0.14084   -8.573470  -89.811971   -0.596554
-0.004547   -0.098112   -15.227490
0.28168   -8.573470  -89.811971   -0.596554
-0.004547   -0.251572   -22.770820
0.42251   -8.573470  -89.811971   -0.596554
-0.004547   -0.617277   -52.384856
0.56335   -8.573470  -89.811971   -0.596554
-0.004547   -0.993626   -92.218089

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    8.914415  111.359430    0.965233
 0.004407    0.551628  100.411196
0.14084    8.914415  111.359430    0.965233
 0.004407    0.148439  100.668009
0.28168    8.914415  111.359430    0.965233
 0.004407    0.193847  112.525868
0.42251    8.914415  111.359430    0.965233
 0.004407    0.486809  135.268049
0.56335    8.914415  111.359430    0.965233
 0.004407    0.779703  166.190899
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3142

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -10.209150  -78.772057   -0.698578
-0.004217   -0.393169   -34.516291
0.14084  -10.209150  -78.772057   -0.698578
-0.004217   -0.110076   -43.282146
0.28168  -10.209150  -78.772057   -0.698578
-0.004217   -0.269697   -54.846614
0.42251  -10.209150  -78.772057   -0.698578
-0.004217   -0.664173   -85.169672
0.56335  -10.209150  -78.772057   -0.698578
-0.004217   -1.067465  -124.375043

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.881496  19.707244    0.657680
 4.02E-06    0.366287   10.833109
0.14084    0.881496  19.707244    0.657680
 4.02E-06    0.090182   14.872784
0.28168    0.881496  19.707244    0.657680
 4.02E-06    0.133051   18.340509
0.42251    0.881496  19.707244    0.657680
 4.02E-06    0.337364   23.043799
0.56335    0.881496  19.707244    0.657680
 4.02E-06    0.540985   27.148481

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -3.975000  -9.848963   -0.485216
-0.000699   -0.271265   -59.265126
0.14084   -3.975000  -9.848963   -0.485216
-0.000699   -0.068007   -67.339064
0.28168   -3.975000  -9.848963   -0.485216
-0.000699   -0.185056   -75.450822
0.42251   -3.975000  -9.848963   -0.485216
-0.000699   -0.460901   -83.597738
0.56335   -3.975000  -9.848963   -0.485216
-0.000699   -0.736635   -91.769590

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    1.204529  46.179142    1.180061
 0.000112    0.658648   17.461317
0.14084    1.204529  46.179142    1.180061
 0.000112    0.163745   21.870814
0.28168    1.204529  46.179142    1.180061
 0.000112    0.206003   26.932395
0.42251    1.204529  46.179142    1.180061
 0.000112    0.521305   32.424828
0.56335    1.204529  46.179142    1.180061
 0.000112    0.836197   38.183970

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -8.204461  -14.359963   -0.750102
-0.001301   -0.418532   -80.817089
0.14084   -8.204461  -14.359963   -0.750102
-0.001301   -0.105954   -97.317695
0.28168   -8.204461  -14.359963   -0.750102
-0.001301   -0.331370   -114.479144
0.42251   -8.204461  -14.359963   -0.750102
-0.001301   -0.825843   -132.596669
0.56335   -8.204461  -14.359963   -0.750102
-0.001301   -1.320610  -151.397630

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    1.314987  89.654649    1.423492
 0.000201    0.794385   76.989002
0.14084    1.314987  89.654649    1.423492
 0.000201    0.197654   62.621326
0.28168    1.314987  89.654649    1.423492
 0.000201    0.206022   54.727553
0.42251    1.314987  89.654649    1.423492
 0.000201    0.522833   54.955018
0.56335    1.314987  89.654649    1.423492
 0.000201    0.838317   58.107630
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                    3143

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000  -10.752314  -14.188385   -0.752940
-0.001410   -0.421269   -71.980954
0.14084  -10.752314  -14.188385   -0.752940
-0.001410   -0.106005   -84.042583
0.28168  -10.752314  -14.188385   -0.752940
-0.001410   -0.400328   -99.750074
0.42251  -10.752314  -14.188385   -0.752940
-0.001410   -0.997199   -132.110152
0.56335  -10.752314  -14.188385   -0.752940
-0.001410   -1.593928   -167.182946

COMB DL-G1-4 ---------- MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 5.080329 107.446248 1.627208
0.003141 0.921048 140.867452
0.14084 5.080329 107.446248 1.627208
0.003141 0.239802 134.224863
0.28168 5.080329 107.446248 1.627208
0.003141 0.243386 132.950173
0.42251 5.080329 107.446248 1.627208
0.003141 0.615736 144.935867
0.56335 5.080329 107.446248 1.627208
0.003141 0.986872 164.375213

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.763310 -56.361513 -0.886630
-0.003830 -0.506471 -63.155364
0.14084 -10.763310 -56.361513 -0.886630
-0.003830 -0.137348 -75.252086
0.28168 -10.763310 -56.361513 -0.886630
-0.003830 -0.454140 -90.080962
0.42251 -10.763310 -56.361513 -0.886630
-0.003830 -1.129186 -118.741919
0.56335 -10.763310 -56.361513 -0.886630
-0.003830 -1.808800 -158.053989

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.447484 35.544255 0.554173
5.27E-06 0.309697 16.679704
0.14084 0.447484 35.544255 0.554173
5.27E-06 0.077945 11.054943
0.28168 0.447484 35.544255 0.554173
5.27E-06 0.064542 10.496679
0.42251 0.447484 35.544255 0.554173
5.27E-06 0.163130 11.006351
0.56335 0.447484 35.544255 0.554173
5.27E-06 0.261792 11.854541

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.902194 -3.512699 -0.235465
-0.000526 -0.131409 -11.254819
0.14084 -4.902194 -3.512699 -0.235465
-0.000526 -0.033387 -16.254072
0.28168 -4.902194 -3.512699 -0.235465
-0.000526 -0.155449 -28.634974
0.42251 -4.902194 -3.512699 -0.235465
-0.000526 -0.387691 -42.510597
0.56335 -4.902194 -3.512699 -0.235465
-0.000526 -0.620001 -56.829470

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.358152 117.880340 0.966250
0.004323 0.558600 145.033960
0.14084 1.358152 117.880340 0.966250
0.004323 0.155014 107.404535
0.28168 1.358152 117.880340 0.966250
0.004323 0.094957 76.878540
0.42251 1.358152 117.880340 0.966250
0.004323 0.241018 65.283459
0.56335 1.358152 117.880340 0.966250
0.004323 0.386559 64.294724

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3144

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.411765 -11.365100 -0.349052
-0.004794 -0.211096 -11.666747
0.14084 -9.411765 -11.365100 -0.349052
-0.004794 -0.068409 -15.488495
0.28168 -9.411765 -11.365100 -0.349052
-0.004794 -0.268468 -23.773266
0.42251 -9.411765 -11.365100 -0.349052
-0.004794 -0.622731 -40.664480
0.56335 -9.411765 -11.365100 -0.349052
-0.004794 -1.064240 -91.095249

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.657337 123.777714 1.401329
0.003911 0.799396 137.572250
0.14084 1.657337 123.777714 1.401329
0.003911 0.213093 106.467723
0.28168 1.657337 123.777714 1.401329
0.003911 0.163811 74.320084
0.42251 1.657337 123.777714 1.401329
0.003911 0.463811 74.320084
0.56335 1.657337 123.777714 1.401329
0.003911 0.743629 76.372100

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.833683 -17.172258 -0.668864
-0.004872 -0.388343 -52.061209
0.14084 -11.833683 -17.172258 -0.668864
-0.004872 -0.111351 -62.561937
0.28168 -11.833683 -17.172258 -0.668864
-0.004872 -0.391532 -77.383133
0.42251 -11.833683 -17.172258 -0.668864
-0.004872 -0.966643 -107.946371
0.56335 -11.833683 -17.172258 -0.668864
-0.004872 -1.552991 -152.514309

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.780472 101.228789 1.677882
0.002983 0.947802 125.262784
0.14084 6.780472 101.228789 1.677882
0.002983 0.245605 127.147381
0.28168 6.780472 101.228789 1.677882
0.002983 0.248512 134.549224
0.42251 6.780472 101.228789 1.677882
0.002983 0.627429 154.323738
0.56335 6.780472 101.228789 1.677882
0.002983 1.005429 180.540146

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.822470 -71.592669 -0.902481
-0.003222 -0.513619 -48.452558
0.14084 -9.822470 -71.592669 -0.902481
-0.003222 -0.137079 -59.670064
0.28168 -9.822470 -71.592669 -0.902481
-0.003222 -0.467244 -74.380801
0.42251 -9.822470 -71.592669 -0.902481
-0.003222 -1.164306 -102.661331
0.56335 -9.822470 -71.592669 -0.902481
-0.003222 -1.866113 -140.029922

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.862443 12.023167 0.856482
0.001126 0.478815 3.770717
0.14084 7.862443 12.023167 0.856482
0.001126 0.120889 20.380192
0.28168 7.862443 12.023167 0.856482
0.001126 0.163347 49.216863
0.42251 7.862443 12.023167 0.856482
0.001126 0.410554 78.459489
0.56335 7.862443 12.023167 0.856482
0.001126 0.657428 107.959106

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3145

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.702441 -71.217987 -0.588691
-1.32E-05 -0.329710 -21.140164
0.14084 -0.702441 -71.217987 -0.588691
-1.32E-05 -0.082600 -15.907224
0.28168 -0.702441 -71.217987 -0.588691
-1.32E-05 -0.237265 -19.705328
0.42251 -0.702441 -71.217987 -0.588691
-1.32E-05 -0.595323 -24.040134
0.56335 -0.702441 -71.217987 -0.588691
-1.32E-05 -0.955222 -28.794508

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.220493 91.318720 1.306975
0.007112 0.757105 132.170961
0.14084 10.220493 91.318720 1.306975
0.007112 0.211910 133.037671
0.28168 10.220493 91.318720 1.306975
0.007112 0.219222 139.731490
0.42251 10.220493 91.318720 1.306975
0.007112 0.551230 161.985482
0.56335 10.220493 91.318720 1.306975
0.007112 0.882834 196.533932

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.948684 -95.275038 -0.792994
-0.005843 -0.466216 -15.243935
0.14084 -4.948684 -95.275038 -0.792994
-0.005843 -0.138929 -18.788629
0.28168 -4.948684 -95.275038 -0.792994
-0.005843 -0.359085 -24.521687
0.42251 -4.948684 -95.275038 -0.792994
-0.005843 0.890207 -33.137781
0.56335 -4.948684 -95.275038 -0.792994
-0.005843 -1.434284 -62.433225

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.276684 111.320359 1.567049
0.005461 0.895207 135.914920
0.14084 9.276684 111.320359 1.567049
0.005461 0.240946 130.009111
0.28168 9.276684 111.320359 1.567049
0.005461 0.227531 132.553307
0.42251 9.276684 111.320359 1.567049
0.005461 0.572460 153.137184
0.56335 9.276684 111.320359 1.567049
0.005461 0.917345 183.955910

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.946188 -86.102295 -0.824310
-0.004634 -0.477023 -14.686156
0.14084 -7.946188 -86.102295 -0.824310
-0.004634 -0.135499 -17.965859
0.28168 -7.946188 -86.102295 -0.824310
-0.004634 -0.434752 -23.677142
0.42251 -7.946188 -86.102295 -0.824310
-0.004634 -1.078904 -51.577925
0.56335 -7.946188 -86.102295 -0.824310
-0.004634 -1.733005 -90.655217

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.078289 110.312666 1.755343
0.004536 0.996934 117.080140
0.14084 8.078289 110.312666 1.755343
0.004536 0.263043 114.310608
0.28168 8.078289 110.312666 1.755343
0.004536 0.262967 118.502840
0.42251 8.078289 110.312666 1.755343
0.004536 0.662188 137.675006
0.56335 8.078289 110.312666 1.755343
0.004536 1.061451 165.372781

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3146

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.820720 -76.614530 -0.953037
-0.004297 -0.546134 -40.287723
0.14084 -9.820720 -76.614530 -0.953037
-0.004297 -0.150188 -49.883278
0.28168 -9.820720 -76.614530 -0.953037
-0.004297 -0.488493 -64.656254
0.42251 -9.820720 -76.614530 -0.953037
-0.004297 -1.213656 -91.631965
0.56335 -9.820720 -76.614530 -0.953037
-0.004297 -1.947122 -131.374926

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.335996 132.073187 0.965233
0.007176 0.551628 135.838628
0.14084 11.335996 132.073187 0.965233
0.007176 0.148439 122.490313
0.28168 11.335996 132.073187 0.965233
0.007176 0.193847 131.402897
0.42251 11.335996 132.073187 0.965233
0.007176 0.486809 157.028475
0.56335 11.335996 132.073187 0.965233
0.007176 0.779703 196.148065

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.604535 -99.182486 -0.698578
-0.005879 -0.393169 -68.155004
0.14084 -12.604535 -99.182486 -0.698578
-0.005879 -0.110076 -82.486822
0.28168 -12.604535 -99.182486 -0.698578
-0.005879 -0.269697 -97.136378
0.42251 -12.604535 -99.182486 -0.698578
-0.005879 -0.664173 -118.473480
0.56335 -12.604535 -99.182486 -0.698578
-0.005879 -1.067465 -155.900688

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.220493 123.777714 1.755343
0.007112 0.996934 145.033960
0.14084 10.220493 123.777714 1.755343
0.007112 0.263043 134.224863
0.28168 10.220493 123.777714 1.755343
0.007112 0.262967 139.731490
0.42251 10.220493 123.777714 1.755343
0.007112 0.662188 161.985482
0.56335 10.220493 123.777714 1.755343
0.007112 1.061451 196.533932

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.833683 -95.275038 -0.953037
-0.005843 -0.546134 -80.816789
0.14084 -11.833683 -95.275038 -0.953037
-0.005843 -0.150188 -97.317695
0.28168 -11.833683 -95.275038 -0.953037
-0.005843 -0.488493 -114.479144
0.42251 -11.833683 -95.275038 -0.953037
-0.005843 -1.213656 -132.596669
0.56335 -11.833683 -95.275038 -0.953037
-0.005843 -1.947122 -167.182946

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.335996 132.073187 1.755343
0.007176 0.996934 145.033960
0.14084 11.335996 132.073187 1.755343
0.007176 0.263043 134.224863
0.28168 11.335996 132.073187 1.755343
0.007176 0.262967 139.731490
0.42251 11.335996 132.073187 1.755343
0.007176 0.662188 161.985482
0.56335 11.335996 132.073187 1.755343
0.007176 1.061451 196.533932

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3147

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.604535 -99.182486 -0.953037
-0.005879 -0.546134 -80.816789
0.14084 -12.604535 -99.182486 -0.953037
-0.005879 -0.150188 -97.317695
0.28168 -12.604535 -99.182486 -0.953037
-0.005879 -0.488493 -114.479144
0.42251 -12.604535 -99.182486 -0.953037
-0.005879 -1.213656 -132.596669
0.56335 -12.604535 -99.182486 -0.953037
-0.005879 -1.947122 -167.182946

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.335996 132.073187 1.755343
0.007176 0.996934 145.033960
0.14084 11.335996 132.073187 1.755343
0.007176 0.263043 134.224863
0.28168 11.335996 132.073187 1.755343
0.007176 0.262967 139.731490
0.42251 11.335996 132.073187 1.755343
0.007176 0.662188 161.985482
0.56335 11.335996 132.073187 1.755343
0.007176 1.061451 196.533932

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.604535 -99.182486 -0.953037
-0.005879 -0.546134 -80.816789
0.14084 -12.604535 -99.182486 -0.953037
-0.005879 -0.150188 -97.317695
0.28168 -12.604535 -99.182486 -0.953037
-0.005879 -0.488493 -114.479144
0.42251 -12.604535 -99.182486 -0.953037
-0.005879 -1.213656 -132.596669
0.56335 -12.604535 -99.182486 -0.953037
-0.005879 -1.947122 -167.182946

ELEM 294 ========== LENGTH = 2.977796

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 1.963734 8.267468 0.363038
1.04E-05 0.403570 1.900410
0.57742 1.963734 8.267468 0.363038
1.04E-05 0.251592 1.267621
0.71828 1.963734 8.267468 0.363038
1.04E-05 0.100195 2.745796
0.85914 1.963734 8.267468 0.363038
1.04E-05 0.049851 5.579104
1.00000 1.963734 8.267468 0.363038
1.04E-05 0.192465 9.683050

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -2.935032 -11.841244 -0.339948
-0.001223 -0.377900 -24.965648
0.57742 -2.935032 -11.841244 -0.339948
-0.001223 -0.235309 -27.936086
0.71828 -2.935032 -11.841244 -0.339948
-0.001223 -0.092704 -30.935672
0.85914 -2.935032 -11.841244 -0.339948
-0.001223 -0.053150 -33.957709
1.00000 -2.935032 -11.841244 -0.339948
-0.001223 -0.205536 -37.128541

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 2.284700 26.689601 0.700670
0.000217 0.781335 22.675097
0.57742 2.284700 26.689601 0.700670
0.000217 0.487690 15.629328
0.71828 2.284700 26.689601 0.700670
0.000217 0.194202 11.230278

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3148

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85914 2.284700 26.689601 0.700670
0.000217 0.079893 11.141284
1.00000 2.284700 26.689601 0.700670
0.000217 0.307159 16.355488

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -7.395464 -21.395008 -0.542984
-0.002199 -0.603909 -38.675828
0.57742 -7.395464 -21.395008 -0.542984
-0.002199 -0.376157 -39.888340
0.71828 -7.395464 -21.395008 -0.542984
-0.002199 -0.148370 -43.981725
0.85914 -7.395464 -21.395008 -0.542984
-0.002199 -0.100440 -50.130434
1.00000 -7.395464 -21.395008 -0.542984
-0.002199 -0.394314 -57.095178

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 2.031203 76.893823 0.990666
6.49E-06 1.105920 151.804371
0.57742 2.031203 76.893823 0.990666
6.49E-06 0.690410 123.667514
0.71828 2.031203 76.893823 0.990666
6.49E-06 0.274946 97.114993
0.85914 2.031203 76.893823 0.990666
6.49E-06 0.079813 73.501902
1.00000 2.031203 76.893823 0.990666
6.49E-06 0.310322 54.214950

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -10.785102 -20.846019 -0.549494
-0.001752 -0.611630 -41.589942
0.57742 -10.785102 -20.846019 -0.549494
-0.001752 -0.381170 -41.944428
0.71828 -10.785102 -20.846019 -0.549494
-0.001752 -0.150625 -43.885681
0.85914 -10.785102 -20.846019 -0.549494
-0.001752 -0.140831 -47.125138
1.00000 -10.785102 -20.846019 -0.549494
-0.001752 -0.556307 -50.468718

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 8.068182 71.879128 1.127524
0.004083 1.245996 146.747522
0.57742 8.068182 71.879128 1.127524
0.004083 0.777802 121.654889
0.71828 8.068182 71.879128 1.127524
0.004083 0.311726 105.880304
0.85914 8.068182 71.879128 1.127524
0.004083 0.103761 105.446728
1.00000 8.068182 71.879128 1.127524
0.004083 0.361249 119.300933

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -9.667558 -96.033794 -0.637511
-0.004855 -0.709361 -93.316658
0.57742 -9.667558 -96.033794 -0.637511
-0.004855 -0.441978 -64.299112
0.71828 -9.667558 -96.033794 -0.637511
-0.004855 -0.174510 -48.292283
0.85914 -9.667558 -96.033794 -0.637511
-0.004855 -0.173693 -40.490551
1.00000 -9.667558 -96.033794 -0.637511
-0.004855 -0.645877 -45.493687

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 0.256313 32.169921 0.408461
8.69E-05 0.455834 55.454994

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3149

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57742 0.256313 32.169921 0.408461
8.69E-05 0.284514 42.594950
0.71828 0.256313 32.169921 0.408461
8.69E-05 0.113236 30.211962
0.85914 0.256313 32.169921 0.408461
8.69E-05 0.026574 18.956317
1.00000 0.256313 32.169921 0.408461
8.69E-05 0.104045 12.727721

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -5.537807 -7.820644 -0.184649
-0.000727 -0.205770 -15.664350
0.57742 -5.537807 -7.820644 -0.184649
-0.000727 -0.128331 -12.622122
0.71828 -5.537807 -7.820644 -0.184649
-0.000727 -0.050847 -11.463785
0.85914 -5.537807 -7.820644 -0.184649
-0.000727 -0.058231 -12.069957
1.00000 -5.537807 -7.820644 -0.184649
-0.000727 -0.229522 -13.032657

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 4.221763 78.484307 0.813107
0.004820 0.886664 184.246487
0.57742 4.221763 78.484307 0.813107
0.004820 0.554059 153.287605
0.71828 4.221763 78.484307 0.813107
0.004820 0.222249 131.557321
0.85914 4.221763 78.484307 0.813107
0.004820 0.052420 126.018281
1.00000 4.221763 78.484307 0.813107
0.004820 0.147952 123.728888

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -8.394220 -66.423296 -0.260319
-0.005162 -0.290152 -40.764158
0.57742 -8.394220 -66.423296 -0.260319
-0.005162 -0.180993 -18.048739
0.71828 -8.394220 -66.423296 -0.260319
-0.005162 -0.071750 -13.097686
0.85914 -8.394220 -66.423296 -0.260319
-0.005162 -0.135532 -12.824943
1.00000 -8.394220 -66.423296 -0.260319
-0.005162 -0.475644 -13.048961

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 4.632644 78.719619 1.034836
0.004356 1.137997 165.427376
0.57742 4.632644 78.719619 1.034836
0.004356 0.709783 137.721518
0.71828 4.632644 78.719619 1.034836
0.004356 0.284093 118.609915
0.85914 4.632644 78.719619 1.034836
0.004356 0.084789 115.404277
1.00000 4.632644 78.719619 1.034836
0.004356 0.278434 117.143331

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43656 -10.500014 -68.913037 -0.490992
-0.005570 -0.546560 -51.824010
0.57742 -10.500014 -68.913037 -0.490992
-0.005570 -0.340642 -34.915333
0.71828 -10.500014 -68.913037 -0.490992
-0.005570 -0.134643 -33.725468
0.85914 -10.500014 -68.913037 -0.490992
-0.005570 -0.165059 -36.488745
1.00000 -10.500014 -68.913037 -0.490992
-0.005570 -0.598322 -39.752343

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3150

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43656 8.827511 74.954878 1.149962
0.003783 1.274532 149.064907
0.57742 8.827511 74.954878 1.149962
0.003783 0.796083 122.208994
0.71828 8.827511 74.954878 1.149962
0.003783 0.319369 101.733976
0.85914 8.827511 74.954878 1.149962
0.003783 0.104738 93.399793
1.00000 8.827511 74.954878 1.149962
0.003783 0.373306 103.259612

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.683826	-101.885316	-0.659411
-0.003900	-0.733842	-113.237605	
0.57742	-9.683826	-101.885316	-0.659411
-0.003900	-0.457278	-79.693866	
0.71828	-9.683826	-101.885316	-0.659411
-0.003900	-0.180640	-56.691733	
0.85914	-9.683826	-101.885316	-0.659411
-0.003900	-0.173327	-36.475013	
1.00000	-9.683826	-101.885316	-0.659411
-0.003900	-0.654993	-38.456132	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	7.744292	17.846161	0.447241
0.001408	0.502567	23.056188	
0.57742	7.744292	17.846161	0.447241
0.001408	0.315091	15.769307	
0.71828	7.744292	17.846161	0.447241
0.001408	0.127700	8.728948	
0.85914	7.744292	17.846161	0.447241
0.001408	0.063214	3.291174	
1.00000	7.744292	17.846161	0.447241
0.001408	0.245217	3.071168	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-1.584920	-60.899147	-0.433808
-7.32E-06	-0.482625	-114.817019	
0.57742	-1.584920	-60.899147	-0.433808
-7.32E-06	-0.300664	-89.288918	
0.71828	-1.584920	-60.899147	-0.433808
-7.32E-06	-0.118699	-63.801428	
0.85914	-1.584920	-60.899147	-0.433808
-7.32E-06	-0.064498	-38.379252	
1.00000	-1.584920	-60.899147	-0.433808
-7.32E-06	-0.250269	-13.129689	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	14.266112	43.358166	0.812272
0.007531	0.887379	98.169905	
0.57742	14.266112	43.358166	0.812272
0.007531	0.554624	82.124166	
0.71828	14.266112	43.358166	0.812272
0.007531	0.225353	77.387424	
0.85914	14.266112	43.358166	0.812272
0.007531	0.102107	92.711614	
1.00000	14.266112	43.358166	0.812272
0.007531	0.326154	113.400793	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-3.115132	-145.838589	-0.573672
-0.005650	-0.637980	-157.796222	
0.57742	-3.115132	-145.838589	-0.573672
-0.005650	-0.397347	-102.756506	
0.71828	-3.115132	-145.838589	-0.573672
-0.005650	-0.156671	-67.284636	
0.85914	-3.115132	-145.838589	-0.573672
-0.005650	-0.131758	-35.704598	
1.00000	-3.115132	-145.838589	-0.573672
-0.005650	-0.475558	-12.621330	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3151

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	11.696260	80.923834	1.081800
0.005468	1.195194	178.244467	
0.57742	11.696260	80.923834	1.081800
0.005468	0.746940	145.978001	
0.71828	11.696260	80.923834	1.081800
0.005468	0.301101	121.568533	
0.85914	11.696260	80.923834	1.081800
0.005468	0.100071	111.396028	
1.00000	11.696260	80.923834	1.081800
0.005468	0.341796	106.750903	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-7.633330	-123.061889	-0.603456
-0.004078	-0.671796	-149.626306	
0.57742	-7.633330	-123.061889	-0.603456
-0.004078	-0.418704	-102.227206	
0.71828	-7.633330	-123.061889	-0.603456
-0.004078	-0.165565	-68.360323	
0.85914	-7.633330	-123.061889	-0.603456
-0.004078	-0.168441	-37.288517	
1.00000	-7.633330	-123.061889	-0.603456
-0.004078	-0.619987	-14.414819	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	10.155095	77.742384	1.169916
0.004532	1.295683	153.339710	
0.57742	10.155095	77.742384	1.169916
0.004532	0.809519	124.662270	
0.71828	10.155095	77.742384	1.169916
0.004532	0.325364	102.816172	
0.85914	10.155095	77.742384	1.169916
0.004532	0.112018	126.015980	
1.00000	10.155095	77.742384	1.169916
0.004532	0.396205	92.083335	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.515522	-109.273699	-0.699875
-0.004112	-0.778969	-135.473426	
0.57742	-9.515522	-109.273699	-0.699875
-0.004112	-0.485430	-97.469029	
0.71828	-9.515522	-109.273699	-0.699875
-0.004112	-0.191828	-71.762317	
0.85914	-9.515522	-109.273699	-0.699875
-0.004112	-0.178439	-49.324262	
1.00000	-9.515522	-109.273699	-0.699875
-0.004112	-0.667336	-33.805105	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	3.264538	9.799940	0.766532
7.53E-06	0.854309	2.345560	
0.57742	3.264538	9.799940	0.766532
7.53E-06	0.532935	1.974388	
0.71828	3.264538	9.799940	0.766532
7.53E-06	0.211519	2.746076	
0.85914	3.264538	9.799940	0.766532
7.53E-06	0.075578	7.529282	
1.00000	3.264538	9.799940	0.766532
7.53E-06	0.296539	13.350056	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-2.852605	-15.524096	-0.526649
-0.001339	-0.585776	-39.566612	
0.57742	-2.852605	-15.524096	-0.526649
-0.001339	-0.364740	-38.407214	
0.71828	-2.852605	-15.524096	-0.526649
-0.001339	-0.143113	-37.870604	
0.85914	-2.852605	-15.524096	-0.526649
-0.001339	-0.110445	-40.985642	
1.00000	-2.852605	-15.524096	-0.526649
-0.001339	-0.432132	-44.622276	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3152

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	3.727441	28.279822	1.403457
0.000140	1.564504	22.570319	
0.57742	3.727441	28.279822	1.403457
0.000140	0.976023	15.955229	
0.71828	3.727441	28.279822	1.403457
0.000140	0.387614	11.323186	
0.85914	3.727441	28.279822	1.403457
0.000140	0.118004	12.933466	
1.00000	3.727441	28.279822	1.403457
0.000140	0.460569	20.356736	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-7.702441	-26.298340	-0.818184
-0.002214	-0.910053	-57.345364	
0.57742	-7.702441	-26.298340	-0.818184
-0.002214	-0.566358	-54.845800	
0.71828	-7.702441	-26.298340	-0.818184
-0.002214	-0.222612	-53.781944	
0.85914	-7.702441	-26.298340	-0.818184
-0.002214	-0.201844	-57.954517	
1.00000	-7.702441	-26.298340	-0.818184
-0.002214	-0.790261	-65.479768	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	3.600109	71.951507	1.756862
1.44E-05	1.960526	150.383300	
0.57742	3.600109	71.951507	1.756862
1.44E-05	1.223785	125.224615	
0.71828	3.600109	71.951507	1.756862
1.44E-05	0.486908	101.583436	
0.85914	3.600109	71.951507	1.756862
1.44E-05	0.123205	83.126832	
1.00000	3.600109	71.951507	1.756862
1.44E-05	0.486599	69.333939	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.547209	-26.874219	-0.864814
-0.001848	-0.962313	-58.049905	
0.57742	-10.547209	-26.874219	-0.864814
-0.001848	-0.599173	-54.517589	
0.71828	-10.547209	-26.874219	-0.864814
-0.001848	-0.236066	-51.814900	
0.85914	-10.547209	-26.874219	-0.864814
-0.001848	-0.251194	-53.663586	
1.00000	-10.547209	-26.874219	-0.864814
-0.001848	-0.988019	-57.835871	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	8.532601	69.985619	1.997818
0.003356	2.218686	152.342312	
0.57742	8.532601	69.985619	1.997818
0.003356	1.385058	128.804211	
0.71828	8.532601	69.985619	1.997818
0.003356	0.551748	113.059683	
0.85914	8.532601	69.985619	1.997818
0.003356	0.161474	113.673679	
1.00000	8.532601	69.985619	1.997818
0.003356	0.593204	127.647232	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.575196	-88.882495	-1.036227
-0.004149	-1.150987	-99.918868	
0.57742	-9.575196	-88.882495	-1.036227
-0.004149	-0.716389	-70.459776	
0.71828	-9.575196	-88.882495	-1.036227
-0.004149	-0.281749	-52.702279	
0.85914	-9.575196	-88.882495	-1.036227
-0.004149	-0.297307	-46.010107	
1.00000	-9.575196	-88.882495	-1.036227
-0.004149	-1.134031	-52.028558	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3153

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.369647	28.867726	0.690791
7.72E-05	0.770814	52.895991	
0.57742	0.369647	28.867726	0.690791
7.72E-05	0.481149	41.595242	
0.71828	0.369647	28.867726	0.690791
7.72E-05	0.191566	30.739984	
0.85914	0.369647	28.867726	0.690791
7.72E-05	0.038804	20.857003	
1.00000	0.369647	28.867726	0.690791
7.72E-05	0.151955	14.338752	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-5.775028	-9.390701	-0.270742
-0.000674	-0.300891	-17.142243	
0.57742	-5.775028	-9.390701	-0.270742
-0.000674	-0.187404	-14.818046	
0.71828	-5.775028	-9.390701	-0.270742
-0.000674	-0.073806	-12.876154	
0.85914	-5.775028	-9.390701	-0.270742
-0.000674	-0.099177	-11.681603	
1.00000	-5.775028	-9.390701	-0.270742
-0.000674	-0.386356	-12.351230	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	4.087389	71.115411	1.238772
0.004237	1.366749	183.718964	
0.57742	4.087389	71.115411	1.238772
0.004237	0.853521	156.289661	
0.71828	4.087389	71.115411	1.238772
0.004237	0.340943	137.459468	
0.85914	4.087389	71.115411	1.238772
0.004237	0.083120	131.948032	
1.00000	4.087389	71.115411	1.238772
0.004237	0.265082	129.638791	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-8.175682	-59.651372	-0.447659
-0.004474	-0.496025	-41.273542	
0.57742	-8.175682	-59.651372	-0.447659
-0.004474	-0.308768	-19.466773	
0.71828	-8.175682	-59.651372	-0.447659
-0.004474	-0.122190	-14.028792	
0.85914	-8.175682	-59.651372	-0.447659
-0.004474	-0.195994	-12.329648	
1.00000	-8.175682	-59.651372	-0.447659
-0.004474	-0.714258	-12.518747	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	5.208181	73.398601	1.744423
0.003834	1.931913	165.045472	
0.57742	5.208181	73.398601	1.744423
0.003834	1.205900	140.576675	
0.71828	5.208181	73.398601	1.744423
0.003834	0.480673	124.084506	
0.85914	5.208181	73.398601	1.744423
0.003834	0.130447	122.203798	
1.00000	5.208181	73.398601	1.744423
0.003834	0.455279	124.901524	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.348051	-65.539643	-0.787994
-0.004999	-0.874728	-63.072807	
0.57742	-10.348051	-65.539643	-0.787994
-0.004999	-0.544438	-43.538288	
0.71828	-10.348051	-65.539643	-0.787994
-0.004999	-0.214471	-38.883511	
0.85914	-10.348051	-65.539643	-0.787994
-0.004999	-0.266737	-39.743053	
1.00000	-10.348051	-65.539643	-0.787994
-0.004999	-0.997289	-43.493481	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3154

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	8.585452	73.266329	2.061270
0.003263	2.291570	152.278249	
0.57742	8.585452	73.266329	2.061270
0.003263	1.430482	126.872378	
0.71828	8.585452	73.266329	2.061270
0.003263	0.570305	106.678737	
0.85914	8.585452	73.266329	2.061270
0.003263	0.164563	99.209542	
1.00000	8.585452	73.266329	2.061270
0.003263	0.607018	110.978079	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.797064	-94.238650	-1.062590
-0.003337	-1.179867	-112.995773	
0.57742	-9.797064	-94.238650	-1.062590
-0.003337	-0.734248	-79.945543	
0.71828	-9.797064	-94.238650	-1.062590
-0.003337	-0.288794	-56.120608	
0.85914	-9.797064	-94.238650	-1.062590
-0.003337	-0.303434	-38.781977	
1.00000	-9.797064	-94.238650	-1.062590
-0.003337	-1.166552	-42.533444	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	6.685404	22.986796	0.993672
0.001482	1.110442	26.743498	
0.57742	6.685404	22.986796	0.993672
0.001482	0.693472	17.716460	
0.71828	6.685404	22.986796	0.993672
0.001482	0.276534	8.790965	
0.85914	6.685404	22.986796	0.993672
0.001482	0.100268	3.761580	
1.00000	6.685404	22.986796	0.993672
0.001482	0.386783	3.682413	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-2.266116	-55.439188	-0.682090
-4.36E-06	-0.757429	-106.152206	
0.57742	-2.266116	-55.439188	-0.682090
-4.36E-06	-0.471294	-83.406024	
0.71828	-2.266116	-55.439188	-0.682090
-4.36E-06	-0.184918	-60.661534	
0.85914	-2.266116	-55.439188	-0.682090
-4.36E-06	-0.140823	-41.480201	
1.00000	-2.266116	-55.439188	-0.682090
-4.36E-06	-0.555080	-25.145494	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	13.076786	47.337988	1.564427
0.007704	1.723627	106.121072	
0.57742	13.076786	47.337988	1.564427
0.007704	1.076410	88.946148	
0.71828	13.076786	47.337988	1.564427
0.007704	0.430207	84.056590	
0.85914	13.076786	47.337988	1.564427
0.007704	0.167000	100.578251	
1.00000	13.076786	47.337988	1.564427
0.007704	0.559933	122.549170	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-3.656418	-136.330495	-0.954071
-0.005646	-1.257490	-147.978614	
0.57742	-3.656418	-136.330495	-0.954071
-0.005646	-0.657907	-93.223708	
0.71828	-3.656418	-136.330495	-0.954071
-0.005646	-0.258061	-61.689674	
0.85914	-3.656418	-136.330495	-0.954071
-0.005646	-0.248700	-38.314921	
1.00000	-3.656418	-136.330495	-0.954071
-0.005646	-0.900967	-20.893066	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3155

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	10.901696	77.306882	1.921275
0.005825	2.129195	177.301577	
0.57742	10.901696	77.306882	1.921275
0.005825	1.329920	147.371165	
0.71828	10.901696	77.306882	1.921275
0.005825	0.531157	126.316570	
0.85914	10.901696	77.306882	1.921275
0.005825	0.165340	121.482473	
1.00000	10.901696	77.306882	1.921275
0.005825	0.579777	122.002498	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-7.799518	-117.457190	-1.000714
-0.004276	-1.110297	-140.034701	
0.57742	-7.799518	-117.457190	-1.000714
-0.004276	-0.690868	-92.825144	
0.71828	-7.799518	-117.457190	-1.000714
-0.004276	-0.271747	-62.435014	
0.85914	-7.799518	-117.457190	-1.000714
-0.004276	-0.292117	-38.587020	
1.00000	-7.799518	-117.457190	-1.000714
-0.004276	-1.094676	-20.547389	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	9.850708	75.532047	2.139796
0.004840	2.375155	152.300005	
0.57742	9.850708	75.532047	2.139796
0.004840	1.483136	125.528081	
0.71828	9.850708	75.532047	2.139796
0.004840	0.591440	106.634862	
0.85914	9.850708	75.532047	2.139796
0.004840	0.179164	102.699869	
1.00000	9.850708	75.532047	2.139796
0.004840	0.645011	106.269581	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-9.925369	-106.735419	-1.122082
-0.004299	-1.245704	-134.261110	
0.57742	-9.925369	-106.735419	-1.122082
-0.004299	-0.775089	-95.242225	
0.71828	-9.925369	-106.735419	-1.122082
-0.004299	-0.304797	-70.389698	
0.85914	-9.925369	-106.735419	-1.122082
-0.004299	-0.320460	-52.184810	
1.00000	-9.925369	-106.735419	-1.122082
-0.004299	-1.215282	-40.713261	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	14.266112	80.923834	1.169916
0.007531	1.295683	184.246487	
0.57742	14.266112	80.923834	1.169916
0.007531	0.809519	153.287605	
0.71828	14.266112	80.923834	1.169916
0.007531	0.325364	131.557321	
0.85914	14.266112	80.923834	1.169916
0.007531	0.112018	126.012281	
1.00000	14.266112	80.923834	1.169916
0.007531	0.396205	123.728888	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.785102	-145.838589	-0.699875
-0.005650	-0.778969	-157.796222	
0.57742	-10.785102	-145.838589	-0.699875
-0.005650	-0.485430	-102.756506	
0.71828	-10.785102	-145.838589	-0.699875
-0.005650	-0.191828	-71.762317	
0.85914	-10.785102	-145.838589	-0.699875
-0.005650	-0.178439	-50.130434	
1.00000	-10.785102	-145.838589	-0.699875
-0.005650	-0.667336	-57.095178	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3156

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	13.076786	77.306882	2.139796
0.007704	2.375155	183.718964	
0.57742	13.076786	77.306882	2.139796
0.007704	1.483136	156.289661	
0.71828	13.076786	77.306882	2.139796
0.007704	0.591440	137.459468	
0.85914	13.076786	77.306882	2.139796
0.007704	0.179164	131.948032	
1.00000	13.076786	77.306882	2.139796
0.007704	0.645011	129.638791	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.547209	-136.330495	-1.122082
-0.005646	-1.245704	-147.978614	
0.57742	-10.547209	-136.330495	-1.122082
-0.005646	-0.775089	-95.242225	
0.71828	-10.547209	-136.330495	-1.122082
-0.005646	-0.304797	-70.389698	
0.85914	-10.547209	-136.330495	-1.122082
-0.005646	-0.320460	-57.954517	
1.00000	-10.547209	-136.330495	-1.122082
-0.005646	-1.215282	-65.479768	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	14.266112	80.923834	2.139796
0.007704	2.375155	184.246487	
0.57742	14.266112	80.923834	2.139796
0.007704	1.483136	156.289661	
0.71828	14.266112	80.923834	2.139796
0.007704	0.591440	137.459468	
0.85914	14.266112	80.923834	2.139796
0.007704	0.179164	131.948032	
1.00000	14.266112	80.923834	2.139796
0.007704	0.645011	129.638791	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.785102	-145.838589	-1.122082
-0.005650	-1.245704	-147.796222	
0.57742	-10.785102	-145.838589	-1.122082
-0.005650	-0.775089	-102.756506	
0.71828	-10.785102	-145.838589	-1.122082
-0.005650	-0.304797	-71.762317	
0.85914	-10.785102	-145.838589	-1.122082
-0.005650	-0.320460	-57.954517	
1.00000	-10.785102	-145.838589	-1.122082
-0.005650	-1.215282	-65.479768	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	14.266112	80.923834	2.139796
0.007704	2.375155	184.246487	
0.57742	14.266112	80.923834	2.139796
0.007704	1.483136	156.289661	
0.71828	14.266112	80.923834	2.139796
0.007704	0.591440	137.459468	
0.85914	14.266112	80.923834	2.139796
0.007704	0.179164	131.948032	
1.00000	14.266112	80.923834	2.139796
0.007704	0.645011	129.638791	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-10.785102	-145.838589	-1.122082
-0.005650	-1.245704	-157.796222	
0.57742	-10.785102	-145.838589	-1.122082
-0.005650	-0.775089	-102.756506	
0.71828	-10.785102	-145.838589	-1.122082
-0.005650	-0.304797	-71.762317	
0.85914	-10.785102	-145.838589	-1.122082
-0.005650	-0.320460	-57.954517	
1.00000	-10.785102	-145.838589	-1.122082
-0.005650	-1.215282	-65.479768	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3157

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 295 ========== LENGTH = 2.976711

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.941799	8.299084	0.357647
6.87E-06	0.200214	9.690907	
0.14082	1.941799	8.299084	0.357647
6.87E-06	0.050152	14.376818	
0.28164	1.941799	8.299084	0.357647
6.87E-06	0.093244	19.179629	
0.42246	1.941799	8.299084	0.357647
6.87E-06	0.233523	24.018962	
0.56328	1.941799	8.299084	0.357647
6.87E-06	0.373787	28.930606	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.914734	-11.766520	-0.334617
-0.000858	-0.187275	-37.137111	
0.14082	-2.914734	-11.766520	-0.334617
-0.000858	-0.046969	-40.385475	
0.28164	-2.914734	-11.766520	-0.334617
-0.000858	-0.099638	-43.681946	
0.42246	-2.914734	-11.766520	-0.334617
-0.000858	-0.249552	-46.998020	
0.56328	-2.914734	-11.766520	-0.334617
-0.000858	-0.399460	-50.347264	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.154812	28.158563	0.669633
0.000185	0.374422	16.378814	
0.14082	2.154812	28.158563	0.669633
0.000185	0.093677	22.401648	
0.28164	2.154812	28.158563	0.669633
0.000185	0.149253	28.807149	
0.42246	2.154812	28.158563	0.669633
0.000185	0.374267	35.859502	
0.56328	2.154812	28.158563	0.669633
0.000185	0.599257	43.568073	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.443191	-19.457736	-0.536746
-0.001680	-0.300868	-57.110816	
0.14082	-7.443191	-19.457736	-0.536746
-0.001680	-0.076298	-65.910522	
0.28164	-7.443191	-19.457736	-0.536746
-0.001680	-0.188373	-75.084056	
0.42246	-7.443191	-19.457736	-0.536746
-0.001680	-0.468040	-84.706153	
0.56328	-7.443191	-19.457736	-0.536746
-0.001680	-0.748474	-95.684792	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.011933	76.231327	0.952727
6.18E-06	0.531095	54.205511	
0.14082	2.011933	76.231327	0.952727
6.18E-06	0.131732	46.181614	
0.28164	2.011933	76.231327	0.952727
6.18E-06	0.151524	49.183156	
0.42246	2.011933	76.231327	0.952727
6.18E-06	0.380711	54.640609	
0.56328	2.011933	76.231327	0.952727
6.18E-06	0.609814	60.888918	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.692049	-20.820323	-0.546612
-0.001821	-0.306712	-50.475323	
0.14082	-10.692049	-20.820323	-0.546612
-0.001821	-0.077506	-54.060042	
0.28164	-10.692049	-20.820323	-0.546612
-0.001821	-0.269919	-68.981867	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3158

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42246	-10.692049	-20.820323	-0.546612
-0.001821	-0.667320	-99.562124	
0.56328	-10.692049	-20.820323	-0.546612
-0.001821	-1.066639	-130.942150	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.002432	106.068719	1.112713
0.003835	0.635847	119.489746	
0.14082	6.002432	106.068719	1.112713
0.003835	0.170010	112.938027	
0.28164	6.002432	106.068719	1.112713
0.003835	0.175411	115.301544	
0.42246	6.002432	106.068719	1.112713
0.003835	0.440442	129.162406	
0.56328	6.002432	106.068719	1.112713
0.003835	0.705388	151.098910	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.337641	-59.621342	-0.632110
-0.004943	-0.357527	-45.491548	
0.14082	-11.337641	-59.621342	-0.632110
-0.004943	-0.101282	-50.886138	
0.28164	-11.337641	-59.621342	-0.632110
-0.004943	-0.310269	-65.928598	
0.42246	-11.337641	-59.621342	-0.632110
-0.004943	-0.768574	-93.499733	
0.56328	-11.337641	-59.621342	-0.632110
-0.004943	-1.230109	-130.856227	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.256336	31.894075	0.394439
9.58E-06	0.219085	12.724397	
0.14082	0.256336	31.894075	0.394439
9.58E-06	0.053805	11.474485	
0.28164	0.256336	31.894075	0.394439
9.58E-06	0.051150	12.589859	
0.42246	0.256336	31.894075	0.394439
9.58E-06	0.128926	14.139574	
0.56328	0.256336	31.894075	0.394439
9.58E-06	0.206655	15.850450	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.505478	-7.775548	-0.185463
-0.000694	-0.104328	-13.034208	
0.14082	-5.505478	-7.775548	-0.185463
-0.000694	-0.026563	-16.719424	
0.28164	-5.505478	-7.775548	-0.185463
-0.000694	-0.111869	-28.237897	
0.42246	-5.505478	-7.775548	-0.185463
-0.000694	-0.277161	-40.648599	
0.56328	-5.505478	-7.775548	-0.185463
-0.000694	-0.442481	-53.814235	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.369418	125.380375	0.796970
0.004791	0.463029	123.994608	
0.14082	1.369418	125.380375	0.796970
0.004791	0.129840	88.442713	
0.28164	1.369418	125.380375	0.796970
0.004791	0.072131	64.623923	
0.42246	1.369418	125.380375	0.796970
0.004791	0.181920	56.444446	
0.56328	1.369418	125.380375	0.796970
0.004791	0.291624	59.267822	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.715095	-16.110191	-0.261790
-0.005695	-0.153476	-13.042471	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3159

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.14082	-10.715095	-16.110191	-0.261790
-0.005695	-0.053766	-13.592447	
0.28164	-10.715095	-16.110191	-0.261790
-0.005695	-0.221028	-26.899986	
0.42246	-10.715095	-16.110191	-0.261790
-0.005695	-0.546204	-56.670746	
0.56328	-10.715095	-16.110191	-0.261790
-0.005695	-0.873605	-99.734241	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.037973	121.096028	1.002396
0.004329	0.574164	117.390342	
0.14082	2.037973	121.096028	1.002396
0.004329	0.154766	89.188449	
0.28164	2.037973	121.096028	1.002396
0.004329	0.135401	71.404559	
0.42246	2.037973	121.096028	1.002396
0.004329	0.340339	67.748342	
0.56328	2.037973	121.096028	1.002396
0.004329	0.545195	74.022527	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.577890	-23.442346	-0.488777
-0.005811	-0.278093	-39.753915	
0.14082	-12.577890	-23.442346	-0.488777
-0.005811	-0.083966	-43.302201	
0.28164	-12.577890	-23.442346	-0.488777
-0.005811	-0.280634	-58.748937	
0.42246	-12.577890	-23.442346	-0.488777
-0.005811	-0.692776	-88.814630	
0.56328	-12.577890	-23.442346	-0.488777
-0.005811	-1.106931	-130.845026	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.174119	102.593161	1.147959
0.003551	0.651538	103.401130	
0.14082	7.174119	102.593161	1.147959
0.003551	0.170931	105.396893	
0.28164	7.174119	102.593161	1.147959
0.003551	0.181519	116.456014	
0.42246	7.174119	102.593161	1.147959
0.003551	0.455978	137.467727	
0.56328	7.174119	102.593161	1.147959
0.003551	0.730363	165.014892	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.027489	-72.524671	-0.654642
-0.004095	-0.369734	-38.449292	
0.14082	-11.027489	-72.524671	-0.654642
-0.004095	-0.102388	-44.905584	
0.28164	-11.027489	-72.524671	-0.654642
-0.004095	-0.320462	-61.269961	
0.42246	-11.027489	-72.524671	-0.654642
-0.004095	-0.796330	-90.347990	
0.56328	-11.027489	-72.524671	-0.654642
-0.004095	-1.273568	-127.436906	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.800804	17.845326	0.488399
0.001330	0.275719	3.068058	
0.14082	7.800804	17.845326	0.488399
0.001330	0.070996	14.326362	
0.28164	7.800804	17.845326	0.488399
0.001330	0.119137	39.651533	
0.42246	7.800804	17.845326	0.488399
0.001330	0.299079	65.236686	
0.56328	7.800804	17.845326	0.488399
0.001330	0.479020	90.871849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3160

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1.581636	-61.293741	-0.429270
-1.80E-05	-0.240746	-13.152285	
0.14082	-1.581636	-61.293741	-0.429270
-1.80E-05	-0.060799	-16.559312	
0.28164	-1.581636	-61.293741	-0.429270
-1.80E-05	-0.133961	-23.126804	
0.42246	-1.581636	-61.293741	-0.429270
-1.80E-05	-0.330651	-30.097409	
0.56328	-1.581636	-61.293741	-0.429270
-1.80E-05	-0.543366	-37.467154	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	10.858930	101.116247	0.860214
0.007309	0.507351	113.737840	
0.14082	10.858930	101.116247	0.860214
0.007309	0.147845	107.792294	
0.28164	10.858930	101.116247	0.860214
0.007309	0.157250	111.177043	
0.42246	10.858930	101.116247	0.860214
0.007309	0.394631	132.034672	
0.56328	10.858930	101.116247	0.860214
0.007309	0.632026	165.664109	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-6.009880	-85.135789	-0.566281
-0.005865	-0.322518	-12.601211	
0.14082	-6.009880	-85.135789	-0.566281
-0.005865	-0.099732	-20.679950	
0.28164	-6.009880	-85.135789	-0.566281
-0.005865	-0.232965	-28.946036	
0.42246	-6.009880	-85.135789	-0.566281
-0.005865	-0.582699	-41.516048	
0.56328	-6.009880	-85.135789	-0.566281
-0.005865	-0.935188	-72.511200	

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	9.379963	120.143076	1.113562
0.005274	0.640123	106.965607	
0.14082	9.379963	120.143076	1.113562
0.005274	0.174111	101.855556	
0.28164	9.379963	120.143076	1.113562
0.005274	0.166235	110.158908	
0.42246	9.379963	120.143076	1.113562
0.005274	0.417929	131.660385	
0.56328	9.379963	120.143076	1.113562
0.005274	0.669576	162.383020	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.567777	-81.581825	-0.600402
-0.004615	-0.340588	-14.394020	
0.14082	-9.567777	-81.581825	-0.600402
-0.004615	-0.098677	-19.374615	
0.28164	-9.567777	-81.581825	-0.600402
-0.004615	-0.306889	-36.711075	
0.42246	-9.567777	-81.581825	-0.600402
-0.004615	-0.766199	-68.394161	
0.56328	-9.567777	-81.581825	-0.600402
-0.004615	-1.227407	-110.835525	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	8.242944	110.044483	1.182851
0.004370	0.674298	92.267463	
0.14082	8.242944	110.044483	1.182851
0.004370	0.179098	90.822940	
0.28164	8.242944	110.044483	1.182851
0.004370	0.192708	100.717104	
0.42246	8.242944	110.044483	1.182851
0.004370	0.484224	121.580684	
0.56328	8.242944	110.044483	1.182851
0.004370	0.775677	150.105140	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3161

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.098861	-74.970999	-0.695353
-0.004383	-0.393098	-33.794185	
0.14082	-11.098861	-74.970999	-0.695353
-0.004383	-0.109870	-41.508176	
0.28164	-11.098861	-74.970999	-0.695353
-0.004383	-0.328568	-59.092931	
0.42246	-11.098861	-74.970999	-0.695353
-0.004383	-0.818211	-89.160881	
0.56328	-11.098861	-74.970999	-0.695353
-0.004383	-1.309423	-128.503788	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	3.241459	9.817473	0.745578
4.01E-06	0.415441	13.362289	
0.14082	3.241459	9.817473	0.745578
4.01E-06	0.102595	19.504834	
0.28164	3.241459	9.817473	0.745578
4.01E-06	0.145948	25.719797	
0.42246	3.241459	9.817473	0.745578
4.01E-06	0.370410	31.957211	
0.56328	3.241459	9.817473	0.745578
4.01E-06	0.594281	38.223747	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-2.831403	-15.469815	-0.533832
-0.000930	-0.299505	-44.636064	
0.14082	-2.831403	-15.469815	-0.533832
-0.000930	-0.075800	-48.361928	
0.28164	-2.831403	-15.469815	-0.533832
-0.000930	-0.209679	-52.132662	
0.42246	-2.831403	-15.469815	-0.533832
-0.000930	-0.522229	-55.938446	
0.56328	-2.831403	-15.469815	-0.533832
-0.000930	-0.834722	-59.770800	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	3.636626	29.169565	1.368439
0.000111	0.753301	20.371131	
0.14082	3.636626	29.169565	1.368439
0.000111	0.189870	28.918439	
0.28164	3.636626	29.169565	1.368439
0.000111	0.226264	38.088606	
0.42246	3.636626	29.169565	1.368439
0.000111	0.707413	47.741114	
0.56328	3.636626	29.169565	1.368439
0.000111	0.921082	57.699988	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-7.728083	-25.155917	-0.827424
-0.001712	-0.464167	-65.503213	
0.14082	-7.728083	-25.155917	-0.827424
-0.001712	-0.118061	-74.441490	
0.28164	-7.728083	-25.155917	-0.827424
-0.001712	-0.394903	-84.098453	
0.42246	-7.728083	-25.155917	-0.827424
-0.001712	-0.957941	-94.829149	
0.56328	-7.728083	-25.155917	-0.827424
-0.001712	-1.531269	-106.375886	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	3.580929	71.410038	1.722692
8.60E-06	0.961035	69.338774	
0.14082	3.580929	71.410038	1.722692
8.60E-06	0.239014	61.558106	
0.28164	3.580929	71.410038	1.722692
8.60E-06	0.239728	61.292042	
0.42246	3.580929	71.410038	1.722692
8.60E-06	0.607692	68.693056	
0.56328	3.580929	71.410038	1.722692
8.60E-06	0.975558	77.678778	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3162

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.476436	-26.865725	-0.877020
-0.001817	-0.492334	-57.853035	
0.14082	-10.476436	-26.865725	-0.877020
-0.001817	-0.124877	-62.795666	
0.28164	-10.476436	-26.865725	-0.877020
-0.001817	-0.484812	-76.146981	
0.42246	-10.476436	-26.865725	-0.877020
-0.001817	-1.206334	-103.063990	
0.56328	-10.476436	-26.865725	-0.877020
-0.001817	-1.928275	-131.469676	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.901260	95.635104	1.977988
0.003026	1.116440	127.661593	
0.14082	6.901260	95.635104	1.977988
0.003026	0.288256	124.117872	
0.28164	6.901260	95.635104	1.977988
0.003026	0.284866	126.856535	
0.42246	6.901260	95.635104	1.977988
0.003026	0.719728	142.748199	
0.56328	6.901260	95.635104	1.977988
0.003026	1.154404	165.291504	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.963289	-61.937385	-1.037207
-0.004164	-0.590795	-52.032121	
0.14082	-10.963289	-61.937385	-1.037207
-0.004164	-0.159217	-59.018179	
0.28164	-10.963289	-61.937385	-1.037207
-0.004164	-0.552158	-73.190720	
0.42246	-10.963289	-61.937385	-1.037207
-0.004164	-1.376415	-98.422342	
0.56328	-10.963289	-61.937385	-1.037207
-0.004164	-2.201056	-134.935806	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.371983	28.735562	0.683274
5.62E-06	0.381209	14.338750	
0.14082	0.371983	28.735562	0.683274
5.62E-06	0.095432	13.000381	
0.28164	0.371983	28.735562	0.683274
5.62E-06	0.074622	14.871376	
0.42246	0.371983	28.735562	0.683274
5.62E-06	0.189472	17.612329	
0.56328	0.371983	28.735562	0.683274
5.62E-06	0.304313	20.679086	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-5.763878	-9.373559	-0.273934
-0.000708	-0.153543	-12.355184	
0.14082	-5.763878	-9.373559	-0.273934
-0.000708	-0.039126	-17.077604	
0.28164	-5.763878	-9.373559	-0.273934
-0.000708	-0.191953	-26.837453	
0.42246	-5.763878	-9.373559	-0.273934
-0.000708	-0.478245	-37.844075	
0.56328	-5.763878	-9.373559	-0.273934
-0.000708	-0.764601	-49.343041	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	1.576169	110.355141	1.230943
0.004080	0.705899	129.664677	
0.14082	1.576169	110.355141	1.230943
0.004080	0.191456	96.403680	
0.28164	1.576169	110.355141	1.230943
0.004080	0.123464	71.590715	
0.42246	1.576169	110.355141	1.230943
0.004080	0.311599	65.260025	
0.56328	1.576169	110.355141	1.230943
0.004080	0.500073	68.751496	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3163

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.323879	-18.061646	-0.451210
-0.004944	-0.267196	-12.512603	
0.14082	-10.323879	-18.061646	-0.451210
-0.004944	-0.083307	-13.645785	
0.28164	-10.323879	-18.061646	-0.451210
-0.004944	-0.341920	-25.056717	
0.42246	-10.323879	-18.061646	-0.451210
-0.004944	-0.851105	-50.190503	
0.56328	-10.323879	-18.061646	-0.451210
-0.004944	-1.360678	-91.976551	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	2.918303	108.901428	1.718352
0.003693	0.974879	124.935386	
0.14082	2.918303	108.901428	1.718352
0.003693	0.255690	99.597137	
0.28164	2.918303	108.901428	1.718352
0.003693	0.217370	81.975945	
0.42246	2.918303	108.901428	1.718352
0.003693	0.550153	80.983535	
0.56328	2.918303	108.901428	1.718352
0.003693	0.882985	88.659530	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-12.271518	-27.890730	-0.794892
-0.005195	-0.458423	-43.500073	
0.14082	-12.271518	-27.890730	-0.794892
-0.005195	-0.130100	-48.067997	
0.28164	-12.271518	-27.890730	-0.794892
-0.005195	-0.480056	-62.301510	
0.42246	-12.271518	-27.890730	-0.794892
-0.005195	-1.194197	-88.648186	
0.56328	-12.271518	-27.890730	-0.794892
-0.005195	-1.908720	-130.024899	

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	7.256131	94.504288	2.055453
0.002942	1.157394	110.972253	
0.14082	7.256131	94.504288	2.055453
0.002942	0.297553	113.782021	
0.28164	7.256131	94.504288	2.055453
0.002942	0.290606	123.232257	
0.42246	7.256131	94.504288	2.055453
0.002942	0.738846	144.729079	
0.56328	7.256131	94.504288	2.055453
0.002942	1.174963	171.866385	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-10.948702	-72.019720	-1.055201
-0.003493	-0.598707	-42.529648	
0.14082	-10.948702	-72.019720	-1.055201
-0.003493	-0.159345	-50.775607	
0.28164	-10.948702	-72.019720	-1.055201
-0.003493	-0.573179	-67.179817	
0.42246	-10.948702	-72.019720	-1.055201
-0.003493	-1.430454	-94.285499	
0.56328	-10.948702	-72.019720	-1.055201
-0.003493	-2.288974	-130.839490	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	6.738132	22.948498	1.023286
0.001386	0.573166	3.678379	
0.14082	6.738132	22.948498	1.023286
0.001386	0.145366	13.966235	
0.28164	6.738132	22.948498	1.023286
0.001386	0.183674	36.332974	
0.42246	6.738132	22.948498	1.023286
0.001386	0.460454	59.236614	
0.56328	6.738132	22.948498	1.023286
0.001386	0.737042	82.368583	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3164

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

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REL DIST          P          V2          V3
     T          M2          M3
0.00000  -2.276788  -55.716452  -0.659708
-1.34E-05  -0.368961  -25.157443
0.14082  -2.276788  -55.716452  -0.659708
-1.34E-05  -0.092200  -25.437922
0.28164  -2.276788  -55.716452  -0.659708
-1.34E-05  -0.282298  -33.742997
0.42246  -2.276788  -55.716452  -0.659708
-1.34E-05  -0.711361  -42.828667
0.56328  -2.276788  -55.716452  -0.659708
-1.34E-05  -1.140102  -52.215521

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   9.567412  103.558677   1.595738
0.007262   0.919584  122.591403
0.14082   9.567412  103.558677   1.595738
0.007262   0.253149  114.565469
0.28164   9.567412  103.558677   1.595738
0.007262   0.257234  113.968786
0.42246   9.567412  103.558677   1.595738
0.007262   0.644761  129.927297
0.56328   9.567412  103.558677   1.595738
0.007262   1.032086  158.565123

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -6.771364  -77.680375  -0.925555
-0.005840  -0.537574  -20.878595
0.14082  -6.771364  -77.680375  -0.925555
-0.005840  -0.156245  -28.439412
0.28164  -6.771364  -77.680375  -0.925555
-0.005840  -0.437083  -39.113243
0.42246  -6.771364  -77.680375  -0.925555
-0.005840  -1.094814  -53.960182
0.56328  -6.771364  -77.680375  -0.925555
-0.005840  -1.755973  -92.000981

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   8.392530  117.607914   1.946166
0.005458   1.107730  122.024838
0.14082   8.392530  117.607914   1.946166
0.005458   0.294148  111.197385
0.28164   8.392530  117.607914   1.946166
0.005458   0.271508  112.144107
0.42246   8.392530  117.607914   1.946166
0.005458   0.681761  130.167707
0.56328   8.392530  117.607914   1.946166
0.005458   1.092551  157.726346

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -10.020878  -75.312676  -0.980551
-0.004739  -0.563443  -20.536408
0.14082 -10.020878  -75.312676  -0.980551
-0.004739  -0.157350  -26.098292
0.28164 -10.020878  -75.312676  -0.980551
-0.004739  -0.537701  -44.268848
0.42246 -10.020878  -75.312676  -0.980551
-0.004739  -1.345205  -72.578650
0.56328 -10.020878  -75.312676  -0.980551
-0.004739  -2.155662 -117.554808

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   7.764074  108.892216   2.148264
0.004534   1.216198  106.296497
0.14082   7.764074  108.892216   2.148264
0.004534   0.317583  100.944089
0.28164   7.764074  108.892216   2.148264
0.004534   0.305719  105.326559
0.42246   7.764074  108.892216   2.148264
0.004534   0.769477  124.018882
0.56328   7.764074  108.892216   2.148264
0.004534   1.233753  150.672313
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3165

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -11.754091  -71.759391  -1.107461
-0.004513  -0.631937  -40.713844
0.14082 -11.754091  -71.759391  -1.107461
-0.004513  -0.172089  -49.175531
0.28164 -11.754091  -71.759391  -1.107461
-0.004513  -0.596341  -67.390606
0.42246 -11.754091  -71.759391  -1.107461
-0.004513  -1.490035  -95.796708
0.56328 -11.754091  -71.759391  -1.107461
-0.004513  -2.386056 -137.663960

COMB      DB -------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  10.858930  125.380375   1.182851
0.007309   0.674298  123.994608
0.14082  10.858930  125.380375   1.182851
0.007309   0.179098  112.938027
0.28164  10.858930  125.380375   1.182851
0.007309   0.192708  116.456014
0.42246  10.858930  125.380375   1.182851
0.007309   0.484224  137.405872
0.56328  10.858930  125.380375   1.182851
0.007309   0.775677  165.664109

COMB      DB -------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -12.577890  -85.135789  -0.695353
-0.005865  -0.393098  -57.110816
0.14082 -12.577890  -85.135789  -0.695353
-0.005865  -0.109670  -65.910522
0.28164 -12.577890  -85.135789  -0.695353
-0.005865  -0.328568  -75.084056
0.42246 -12.577890  -85.135789  -0.695353
-0.005865  -0.818211  -99.562124
0.56328 -12.577890  -85.135789  -0.695353
-0.005865  -1.309423 -130.942150

COMB      DL -------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   9.567412  117.607914   2.148264
0.007262   1.216198  129.664677
0.14082   9.567412  117.607914   2.148264
0.007262   0.317583  124.117872
0.28164   9.567412  117.607914   2.148264
0.007262   0.305719  126.856535
0.42246   9.567412  117.607914   2.148264
0.007262   0.769477  144.729079
0.56328   9.567412  117.607914   2.148264
0.007262   1.233753  171.866385

COMB      DL -------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -12.271518  -77.680375  -1.107461
-0.005840  -0.631937  -65.503213
0.14082 -12.271518  -77.680375  -1.107461
-0.005840  -0.172089  -74.441490
0.28164 -12.271518  -77.680375  -1.107461
-0.005840  -0.596341  -84.098453
0.42246 -12.271518  -77.680375  -1.107461
-0.005840  -1.490035 -103.063990
0.56328 -12.271518  -77.680375  -1.107461
-0.005840  -2.386056 -137.663960

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  10.858930  125.380375   2.148264
0.007309   1.216198  129.664677
0.14082  10.858930  125.380375   2.148264
0.007309   0.317583  124.117872
0.28164  10.858930  125.380375   2.148264
0.007309   0.305719  126.856535
0.42246  10.858930  125.380375   2.148264
0.007309   0.769477  144.729079
0.56328  10.858930  125.380375   2.148264
0.007309   1.233753  171.866385
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3166

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -12.577890  -85.135789  -1.107461
-0.005865  -0.631937  -65.503213
0.14082 -12.577890  -85.135789  -1.107461
-0.005865  -0.172089  -74.441490
0.28164 -12.577890  -85.135789  -1.107461
-0.005865  -0.596341  -84.098453
0.42246 -12.577890  -85.135789  -1.107461
-0.005865  -1.490035 -103.063990
0.56328 -12.577890  -85.135789  -1.107461
-0.005865  -2.386056 -137.663960

COMB    DESIGN ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  10.858930  125.380375   2.148264
0.007309   1.216198  129.664677
0.14082  10.858930  125.380375   2.148264
0.007309   0.317583  124.117872
0.28164  10.858930  125.380375   2.148264
0.007309   0.305719  126.856535
0.42246  10.858930  125.380375   2.148264
0.007309   0.769477  144.729079
0.56328  10.858930  125.380375   2.148264
0.007309   1.233753  171.866385

COMB    DESIGN ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -12.577890  -85.135789  -1.107461
-0.005865  -0.631937  -65.503213
0.14082 -12.577890  -85.135789  -1.107461
-0.005865  -0.172089  -74.441490
0.28164 -12.577890  -85.135789  -1.107461
-0.005865  -0.596341  -84.098453
0.42246 -12.577890  -85.135789  -1.107461
-0.005865  -1.490035 -103.063990
0.56328 -12.577890  -85.135789  -1.107461
-0.005865  -2.386056 -137.663960

ELEM      296 ================== LENGTH
=     2.976463

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   3.048626   2.399253   0.395486
0.000154   0.442200   2.564680
0.57757   3.048626   2.399253   0.395486
0.000154   0.276449   1.892204
0.71838   3.048626   2.399253   0.395486
0.000154   0.110700   2.936204
0.85919   3.048626   2.399253   0.395486
0.000154   0.048103   5.226486
1.00000   3.048626   2.399253   0.395486
0.000154   0.186416   9.716904

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -1.396849  -16.878195  -0.329986
-0.001271  -0.366804  -20.71126
0.57757  -1.396849  -16.878195  -0.329986
-0.001271  -0.228502  -21.014384
0.71838  -1.396849  -16.878195  -0.329986
-0.001271  -0.090184  -21.404442
0.85919  -1.396849  -16.878195  -0.329986
-0.001271  -0.055129  -21.881461
1.00000  -1.396849  -16.878195  -0.329986
-0.001271  -0.220859  -22.418013

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   3.954886   10.825124   0.774020
0.000334   0.864115   12.088160
0.57757   3.954886   10.825124   0.774020
0.000334   0.539802   8.068305
0.71838   3.954886   10.825124   0.774020
0.000334   0.215531   5.836197
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3167

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.85919   3.954886   10.825124   0.774020
0.000334   0.077315   8.227193
1.00000   3.954886   10.825124   0.774020
0.000334   0.298515   15.875936

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -4.941509  -33.454006  -0.528456
-0.002281  -0.587746  -45.817729
0.57757  -4.941509  -33.454006  -0.528456
-0.002281  -0.366264  -41.949000
0.71838  -4.941509  -33.454006  -0.528456
-0.002281  -0.144751  -40.940946
0.85919  -4.941509  -33.454006  -0.528456
-0.002281  -0.109779  -41.114210
1.00000  -4.941509  -33.454006  -0.528456
-0.002281  -0.434153  -42.262216

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   4.259456   53.154583   1.085803
0.000135   1.212921  113.412312
0.57757   4.259456   53.154583   1.085803
0.000135   0.757856   91.383888
0.71838   4.259456   53.154583   1.085803
0.000135   0.302808   70.592516
0.85919   4.259456   53.154583   1.085803
0.000135   0.087580   53.857392
1.00000   4.259456   53.154583   1.085803
0.000135   0.343879   42.573199

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -7.832933  -39.315329  -0.611065
-0.001894  -0.680569  -59.367665
0.57757  -7.832933  -39.315329  -0.611065
-0.001894  -0.424471  -51.927670
0.71838  -7.832933  -39.315329  -0.611065
-0.001894  -0.168271  -45.990502
0.85919  -7.832933  -39.315329  -0.611065
-0.001894  -0.152537  -40.296405
1.00000  -7.832933  -39.315329  -0.611065
-0.001894  -0.607540  -35.033298

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   9.309978   54.601409   1.220731
0.003895   1.360773  117.072961
0.57757   9.309978   54.601409   1.220731
0.003895   0.850676   95.295777
0.71838   9.309978   54.601409   1.220731
0.003895   0.340627   80.155781
0.85919   9.309978   54.601409   1.220731
0.003895   0.113794   83.476624
1.00000   9.309978   54.601409   1.220731
0.003895   0.401990  101.893950

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -7.612846 -106.287003  -0.702641
-0.004845  -0.782291  -107.033019
0.57757  -7.612846 -106.287003  -0.702641
-0.004845  -0.487811   -71.621857
0.71838  -7.612846 -106.287003  -0.702641
-0.004845  -0.193237   -49.114293
0.85919  -7.612846 -106.287003  -0.702641
-0.004845  -0.184775   -34.013627
1.00000  -7.612846 -106.287003  -0.702641
-0.004845  -0.695998   -32.669276

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   0.638523   20.042113   0.451575
1.24E-05   0.503748   32.925524
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3168

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.57757   0.638523   20.042113   0.451575
1.24E-05   0.314505   25.060999
0.71838   0.638523   20.042113   0.451575
1.24E-05   0.125294   17.777423
0.85919   0.638523   20.042113   0.451575
1.24E-05   0.025647   12.722814
1.00000   0.638523   20.042113   0.451575
1.24E-05   0.101596   9.955659

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -4.517081  -16.906030  -0.181661
-0.000780  -0.202964  -31.702603
0.57757  -4.517081  -16.906030  -0.181661
-0.000780  -0.126827  -25.444808
0.71838  -4.517081  -16.906030  -0.181661
-0.000780  -0.050671  -21.076214
0.85919  -4.517081  -16.906030  -0.181661
-0.000780  -0.064543  -17.345015
1.00000  -4.517081  -16.906030  -0.181661
-0.000780  -0.253439  -14.446757

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   5.276174   59.950709   0.871181
0.004408   0.967776  137.557893
0.57757   5.276174   59.950709   0.871181
0.004408   0.604717  113.418336
0.71838   5.276174   59.950709   0.871181
0.004408   0.241707   96.669261
0.85919   5.276174   59.950709   0.871181
0.004408   0.067993   99.603463
1.00000   5.276174   59.950709   0.871181
0.004408   0.208362  105.245850

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -6.995032  -80.657306  -0.355746
-0.005089  -0.396694  -69.839770
0.57757  -6.995032  -80.657306  -0.355746
-0.005089  -0.247605  -38.947620
0.71838  -6.995032  -80.657306  -0.355746
-0.005089  -0.098429  -25.736611
0.85919  -6.995032  -80.657306  -0.355746
-0.005089  -0.142047  -18.670574
1.00000  -6.995032  -80.657306  -0.355746
-0.005089  -0.506661  -12.714197

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   6.619812   55.674612   1.120098
0.003983   1.246229  124.893917
0.57757   6.619812   55.674612   1.120098
0.003983   0.778645  102.720769
0.71838   6.619812   55.674612   1.120098
0.003983   0.311125   87.944926
0.85919   6.619812   55.674612   1.120098
0.003983   0.097364   90.441775
1.00000   6.619812   55.674612   1.120098
0.003983   0.327954  100.405739

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -8.143570  -86.466244  -0.568859
-0.005569  -0.633544  -94.644762
0.57757  -8.143570  -86.466244  -0.568859
-0.005569  -0.395128  -52.033441
0.71838  -8.143570  -86.466244  -0.568859
-0.005569  -0.156649  -40.621461
0.85919  -8.143570  -86.466244  -0.568859
-0.005569  -0.175130  -34.722071
1.00000  -8.143570  -86.466244  -0.568859
-0.005569  -0.644166  -29.832488
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3169

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   9.233992   61.958795   1.249114
0.003564   1.393595  125.379896
0.57757   9.233992   61.958795   1.249114
0.003564   0.871304  100.614471
0.71838   9.233992   61.958795   1.249114
0.003564   0.349095   81.166452
0.85919   9.233992   61.958795   1.249114
0.003564   0.114526   74.812115
1.00000   9.233992   61.958795   1.249114
0.003564   0.414015   86.522597

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -8.356867  -105.804657  -0.726674
-0.003906  -0.809360  -121.347705
0.57757  -8.356867  -105.804657  -0.726674
-0.003906  -0.504808   -83.411951
0.71838  -8.356867  -105.804657  -0.726674
-0.003906  -0.200190   -56.853181
0.85919  -8.356867  -105.804657  -0.726674
-0.003906  -0.185713   -33.938010
1.00000  -8.356867  -105.804657  -0.726674
-0.003906  -0.708892   -30.633719

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   5.340745   30.936970   0.487622
0.001459   0.547422   43.261862
0.57757   5.340745   30.936970   0.487622
0.001459   0.343055   30.397565
0.71838   5.340745   30.936970   0.487622
0.001459   0.138787   17.696390
0.85919   5.340745   30.936970   0.487622
0.001459   0.063234   5.656924
1.00000   5.340745   30.936970   0.487622
0.001459   0.248179   2.772685

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -3.090169  -40.283178  -0.441157
-7.16E-06  -0.491416  -79.870520
0.57757  -3.090169  -40.283178  -0.441157
-7.16E-06  -0.306521  -63.038482
0.71838  -3.090169  -40.283178  -0.441157
-7.16E-06  -0.121619  -46.233110
0.85919  -3.090169  -40.283178  -0.441157
-7.16E-06  -0.065993  -29.442941
1.00000  -3.090169  -40.283178  -0.441157
-7.16E-06  -0.270240  -13.302516

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676  11.697279   54.405099   0.862272
0.007079   0.960186  108.351567
0.57757  11.697279   54.405099   0.862272
0.007079   0.601310   86.638847
0.71838  11.697279   54.405099   0.862272
0.007079   0.242572   73.983169
0.85919  11.697279   54.405099   0.862272
0.007079   0.111038   83.310831
1.00000  11.697279   54.405099   0.862272
0.007079   0.361164  101.977073

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -4.548132  -125.775417  -0.622456
-0.005467  -0.692906  -131.554725
0.57757  -4.548132  -125.775417  -0.622456
-0.005467  -0.432025   -81.548957
0.71838  -4.548132  -125.775417  -0.622456
-0.005467  -0.171117   -51.141311
0.85919  -4.548132  -125.775417  -0.622456
-0.005467  -0.141651   -27.934940
1.00000  -4.548132  -125.775417  -0.622456
-0.005467  -0.502423   -13.822584
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3170

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676  10.159782   79.964894   1.163367
0.005175   1.298044  160.015495
0.57757  10.159782   79.964894   1.163367
0.005175   0.812184  127.398854
0.71838  10.159782   79.964894   1.163367
0.005175   0.326441  101.135840
0.85919  10.159782   79.964894   1.163367
0.005175   0.113685   91.224514
1.00000  10.159782   79.964894   1.163367
0.005175   0.397669   90.505223

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -8.015199  -113.372266  -0.694856
-0.004032  -0.774468  -138.556018
0.57757  -8.015199  -113.372266  -0.694856
-0.004032  -0.483243   -92.976657
0.71838  -8.015199  -113.372266  -0.694856
-0.004032  -0.191950   -60.922038
0.85919  -8.015199  -113.372266  -0.694856
-0.004032  -0.117097   -28.867554
1.00000  -8.015199  -113.372266  -0.694856
-0.004032  -0.664120   -15.353393

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   9.535354   70.277436   1.269564
0.004290   1.416522  135.713501
0.57757   9.535354   70.277436   1.269564
0.004290   0.885856  107.427879
0.71838   9.535354   70.277436   1.269564
0.004290   0.355294   84.942895
0.85919   9.535354   70.277436   1.269564
0.004290   0.122469   76.651026
1.00000   9.535354   70.277436   1.269564
0.004290   0.439768   78.574475

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -9.009563  -106.126423  -0.771241
-0.004095  -0.859175  -133.137877
0.57757  -9.009563  -106.126423  -0.771241
-0.004095  -0.535942   -93.456320
0.71838  -9.009563  -106.126423  -0.771241
-0.004095  -0.212638   -67.113516
0.85919  -9.009563  -106.126423  -0.771241
-0.004095  -0.189992   -45.020444
1.00000  -9.009563  -106.126423  -0.771241
-0.004095  -0.721648   -30.152325

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43676   5.249341   3.522364   0.821748
0.000145   0.916894   3.775223
0.57757   5.249341   3.522364   0.821748
0.000145   0.572525   3.371710
0.71838   5.249341   3.522364   0.821748
0.000145   0.228126   3.508933
0.85919   5.249341   3.522364   0.821748
0.000145   0.086552   6.558121
1.00000   5.249341   3.522364   0.821748
0.000145   0.339349  14.108159

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43676  -1.436208  -24.672764  -0.603302
-0.001429  -0.670943  -43.787752
0.57757  -1.436208  -24.672764  -0.603302
-0.001429  -0.417866  -36.748174
0.71838  -1.436208  -24.672764  -0.603302
-0.001429  -0.164483  -30.113610
0.85919  -1.436208  -24.672764  -0.603302
-0.001429  -0.116350  -26.160741
1.00000  -1.436208  -24.672764  -0.603302
-0.001429  -0.460839  -25.766467
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3171

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	6.657078	11.948235	1.539642
0.000265	1.715517	12.745355	
0.57757	6.657078	11.948235	1.539642
0.000265	1.070287	8.895134	
0.71838	6.657078	11.948235	1.539642
0.000265	0.425280	6.734057	
0.85919	6.657078	11.948235	1.539642
0.000265	0.131943	9.560339	
1.00000	6.657078	11.948235	1.539642
0.000265	0.520845	21.218869	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-4.723517	-46.506491	-0.928975
-0.002376	-1.034400	-84.416079	
0.57757	-4.723517	-46.506491	-0.928975
-0.002376	-0.644508	-70.328993	
0.71838	-4.723517	-46.506491	-0.928975
-0.002376	-0.254865	-57.293532	
0.85919	-4.723517	-46.506491	-0.928975
-0.002376	-0.220943	-47.978717	
1.00000	-4.723517	-46.506491	-0.928975
-0.002376	-0.866041	-45.581090	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	6.837992	47.150204	1.952722
0.000149	2.178125	107.125257	
0.57757	6.837992	47.150204	1.952722
0.000149	1.189689	89.364867	
0.71838	6.837992	47.150204	1.952722
0.000149	0.541446	72.747657	
0.85919	6.837992	47.150204	1.952722
0.000149	0.147841	59.992387	
1.00000	6.837992	47.150204	1.952722
0.000149	0.588523	55.816049	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-7.188707	-53.826347	-1.051066
-0.002017	-1.171530	-93.309025	
0.57757	-7.188707	-53.826347	-1.051066
-0.002017	-0.730641	-76.257633	
0.71838	-7.188707	-53.826347	-1.051066
-0.002017	-0.289541	-59.618666	
0.85919	-7.188707	-53.826347	-1.051066
-0.002017	-0.278033	-45.927256	
1.00000	-7.188707	-53.826347	-1.051066
-0.002017	-1.096443	-38.550711	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.520681	53.744595	2.207856
0.003412	2.459131	120.509951	
0.57757	10.520681	53.744595	2.207856
0.003412	1.535346	100.808779	
0.71838	10.520681	53.744595	2.207856
0.003412	0.612632	87.135548	
0.85919	10.520681	53.744595	2.207856
0.003412	0.191044	88.525848	
1.00000	10.520681	53.744595	2.207856
0.003412	0.715170	107.382772	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-7.673377	-106.280299	-1.254907
-0.004207	-1.394866	-127.668439	
0.57757	-7.673377	-106.280299	-1.254907
-0.004207	-0.869210	-88.604734	
0.71838	-7.673377	-106.280299	-1.254907
-0.004207	-0.343788	-69.029282	
0.85919	-7.673377	-106.280299	-1.254907
-0.004207	-0.324198	-38.796856	
1.00000	-7.673377	-106.280299	-1.254907
-0.004207	-1.248683	-35.905593	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3172

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	1.074051	16.810301	0.784169
7.80E-06	0.873155	28.932062	
0.57757	1.074051	16.810301	0.784169
7.80E-06	0.544536	22.977952	
0.71838	1.074051	16.810301	0.784169
7.80E-06	0.216080	17.246911	
0.85919	1.074051	16.810301	0.784169
7.80E-06	0.042825	12.660373	
1.00000	1.074051	16.810301	0.784169
7.80E-06	0.173547	11.850802	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-4.033180	-22.295311	-0.312735
-0.000749	-0.348895	-40.146134	
0.57757	-4.033180	-22.295311	-0.312735
-0.000749	-0.217942	-32.588241	
0.71838	-4.033180	-22.295311	-0.312735
-0.000749	-0.087147	-25.200458	
0.85919	-4.033180	-22.295311	-0.312735
-0.000749	-0.143600	-18.457260	
1.00000	-4.033180	-22.295311	-0.312735
-0.000749	-0.441733	-14.375015	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	5.229414	51.766021	1.398748
0.004100	1.552527	129.455766	
0.57757	5.229414	51.766021	1.398748
0.004100	0.969187	110.391343	
0.71838	5.229414	51.766021	1.398748
0.004100	0.386545	98.634807	
0.85919	5.229414	51.766021	1.398748
0.004100	0.103317	101.734784	
1.00000	5.229414	51.766021	1.398748
0.004100	0.351977	108.538526	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.340838	-78.687287	-0.601347
-0.004421	-0.667507	-75.530766	
0.57757	-6.340838	-78.687287	-0.601347
-0.004421	-0.416340	-45.614384	
0.71838	-6.340838	-78.687287	-0.601347
-0.004421	-0.166019	-29.354987	
0.85919	-6.340838	-78.687287	-0.601347
-0.004421	-0.218046	-19.674588	
1.00000	-6.340838	-78.687287	-0.601347
-0.004421	-0.803515	-12.321729	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.848313	49.064170	1.945360
0.003711	2.162424	118.282843	
0.57757	7.848313	49.064170	1.945360
0.003711	1.349715	100.664892	
0.71838	7.848313	49.064170	1.945360
0.003711	0.537607	89.913847	
0.85919	7.848313	49.064170	1.945360
0.003711	0.154463	92.920836	
1.00000	7.848313	49.064170	1.945360
0.003711	0.559449	105.838965	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-7.487908	-90.976824	-0.974134
-0.005066	-1.082853	-104.812849	
0.57757	-7.487908	-90.976824	-0.974134
-0.005066	-0.675243	-72.029795	
0.71838	-7.487908	-90.976824	-0.974134
-0.005066	-0.268029	-51.709994	
0.85919	-7.487908	-90.976824	-0.974134
-0.005066	-0.294452	-37.740352	
1.00000	-7.487908	-90.976824	-0.974134
-0.005066	-1.109081	-30.842431	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3173

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.562694	63.485145	2.285538
0.003272	2.547280	130.369765	
0.57757	9.562694	63.485145	2.285538
0.003272	1.590388	106.200469	
0.71838	9.562694	63.485145	2.285538
0.003272	0.635118	86.618047	
0.85919	9.562694	63.485145	2.285538
0.003272	0.191874	77.023490	
1.00000	9.562694	63.485145	2.285538
0.003272	0.724145	90.667575	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.943690	-104.144636	-1.273937
-0.003413	-1.416679	-133.160276	
0.57757	-8.943690	-104.144636	-1.273937
-0.003413	-0.883114	-93.839820	
0.71838	-8.943690	-104.144636	-1.273937
-0.003413	-0.349415	-62.188131	
0.85919	-8.943690	-104.144636	-1.273937
-0.003413	-0.331950	-35.571141	
1.00000	-8.943690	-104.144636	-1.273937
-0.003413	-1.288963	-32.700075	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	4.493420	44.952606	1.082038
0.001631	1.211366	57.489817	
0.57757	4.493420	44.952606	1.082038
0.001631	0.757620	38.873101	
0.71838	4.493420	44.952606	1.082038
0.001631	0.303999	20.545597	
0.85919	4.493420	44.952606	1.082038
0.001631	0.111619	5.359117	
1.00000	4.493420	44.952606	1.082038
0.001631	0.433990	3.341298	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-5.267609	-34.540411	-0.768100
-4.30E-06	-0.853561	-68.483368	
0.57757	-5.267609	-34.540411	-0.768100
-4.30E-06	-0.531639	-54.165417	
0.71838	-5.267609	-34.540411	-0.768100
-4.30E-06	-0.209532	-40.075387	
0.85919	-5.267609	-34.540411	-0.768100
-4.30E-06	-0.147772	-28.897301	
1.00000	-5.267609	-34.540411	-0.768100
-4.30E-06	-0.600092	-27.796435	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.578284	67.469191	1.705958
0.007631	1.896976	123.834680	
0.57757	10.578284	67.469191	1.705958
0.007631	1.185534	97.510109	
0.71838	10.578284	67.469191	1.705958
0.007631	0.475589	81.521937	
0.85919	10.578284	67.469191	1.705958
0.007631	0.182147	69.117240	
1.00000	10.578284	67.469191	1.705958
0.007631	0.660818	109.380292	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.930860	-116.165962	-1.129699
-0.005465	-1.250128	-117.962757	
0.57757	-6.930860	-116.165962	-1.129699
-0.005465	-0.777976	-71.032743	
0.71838	-6.930860	-116.165962	-1.129699
-0.005465	-0.306691	-43.391405	
0.85919	-6.930860	-116.165962	-1.129699
-0.005465	-0.262078	-26.993175	
1.00000	-6.930860	-116.165962	-1.129699
-0.005465	-0.974676	-25.261940	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3174

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.462931	84.327202	2.126292
0.005804	2.369075	163.738451	
0.57757	9.462931	84.327202	2.126292
0.005804	1.480385	130.793254	
0.71838	9.462931	84.327202	2.126292
0.005804	0.592845	105.331007	
0.85919	9.462931	84.327202	2.126292
0.005804	0.193847	96.795658	
1.00000	9.462931	84.327202	2.126292
0.005804	0.699786	102.874372	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.572949	-110.072300	-1.214256
-0.004181	-1.347578	-127.792162	
0.57757	-9.572949	-110.072300	-1.214256
-0.004181	-0.839567	-83.882539	
0.71838	-9.572949	-110.072300	-1.214256
-0.004181	-0.332394	-53.988925	
0.85919	-9.572949	-110.072300	-1.214256
-0.004181	-0.315308	-32.553080	
1.00000	-9.572949	-110.072300	-1.214256
-0.004181	-1.204439	-24.893743	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.726496	74.140127	2.371240
0.004822	2.641458	139.276351	
0.57757	9.726496	74.140127	2.371240
0.004822	1.649648	110.775790	
0.71838	9.726496	74.140127	2.371240
0.004822	0.658893	88.747777	
0.85919	9.726496	74.140127	2.371240
0.004822	0.206549	81.499439	
1.00000	9.726496	74.140127	2.371240
0.004822	0.762567	90.551742	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.204990	-108.815170	-1.333315
-0.004311	-1.481264	-140.337824	
0.57757	-10.204990	-108.815170	-1.333315
-0.004311	-0.923113	-98.658414	
0.71838	-10.204990	-108.815170	-1.333315
-0.004311	-0.365656	-68.704000	
0.85919	-10.204990	-108.815170	-1.333315
-0.004311	-0.349108	-46.214905	
1.00000	-10.204990	-108.815170	-1.333315
-0.004311	-1.341325	-38.307249	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.697279	79.964894	1.269564
0.007079	1.416522	160.015495	
0.57757	11.697279	79.964894	1.269564
0.007079	0.885856	127.398854	
0.71838	11.697279	79.964894	1.269564
0.007079	0.355294	101.734840	
0.85919	11.697279	79.964894	1.269564
0.007079	0.122469	99.603463	
1.00000	11.697279	79.964894	1.269564
0.007079	0.439768	105.245850	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.009563	-125.775417	-0.771241
-0.005569	-0.859175	-138.563018	
0.57757	-9.009563	-125.775417	-0.771241
-0.005569	-0.535942	-93.456320	
0.71838	-9.009563	-125.775417	-0.771241
-0.005569	-0.212638	-67.113516	
0.85919	-9.009563	-125.775417	-0.771241
-0.005569	-0.189992	-45.020444	
1.00000	-9.009563	-125.775417	-0.771241
-0.005569	-0.721648	-42.262216	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3175

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.578284	84.327202	2.371240
0.007631	2.641458	163.738451	
0.57757	10.578284	84.327202	2.371240
0.007631	1.649648	130.793254	
0.71838	10.578284	84.327202	2.371240
0.007631	0.658893	105.331007	
0.85919	10.578284	84.327202	2.371240
0.007631	0.206549	101.734784	
1.00000	10.578284	84.327202	2.371240
0.007631	0.762567	109.380292	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.204990	-116.165962	-1.333315
-0.005465	-1.481264	-140.337824	
0.57757	-10.204990	-116.165962	-1.333315
-0.005465	-0.923113	-98.658414	
0.71838	-10.204990	-116.165962	-1.333315
-0.005465	-0.365656	-68.704000	
0.85919	-10.204990	-116.165962	-1.333315
-0.005465	-0.349108	-47.978717	
1.00000	-10.204990	-116.165962	-1.333315
-0.005465	-1.341325	-45.581090	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.697279	84.327202	2.371240
0.007631	2.641458	163.738451	
0.57757	11.697279	84.327202	2.371240
0.007631	1.649648	130.793254	
0.71838	11.697279	84.327202	2.371240
0.007631	0.658893	105.331007	
0.85919	11.697279	84.327202	2.371240
0.007631	0.206549	101.734784	
1.00000	11.697279	84.327202	2.371240
0.007631	0.762567	109.380292	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.204990	-125.775417	-1.333315
-0.005569	-1.481264	-140.337824	
0.57757	-10.204990	-125.775417	-1.333315
-0.005569	-0.923113	-98.658414	
0.71838	-10.204990	-125.775417	-1.333315
-0.005569	-0.365656	-68.704000	
0.85919	-10.204990	-125.775417	-1.333315
-0.005569	-0.349108	-47.978717	
1.00000	-10.204990	-125.775417	-1.333315
-0.005569	-1.341325	-45.581090	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.697279	84.327202	2.371240
0.007631	2.641458	163.738451	
0.57757	11.697279	84.327202	2.371240
0.007631	1.649648	130.793254	
0.71838	11.697279	84.327202	2.371240
0.007631	0.658893	105.331007	
0.85919	11.697279	84.327202	2.371240
0.007631	0.206549	101.734784	
1.00000	11.697279	84.327202	2.371240
0.007631	0.762567	109.380292	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-10.204990	-125.775417	-1.333315
-0.005569	-1.481264	-140.337824	
0.57757	-10.204990	-125.775417	-1.333315
-0.005569	-0.923113	-98.658414	
0.71838	-10.204990	-125.775417	-1.333315
-0.005569	-0.365656	-68.704000	
0.85919	-10.204990	-125.775417	-1.333315
-0.005569	-0.349108	-47.978717	
1.00000	-10.204990	-125.775417	-1.333315
-0.005569	-1.341325	-45.581090	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3176

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 297 ========== LENGTH = 2.977458

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.020010	2.428006	0.376907
0.000122	0.208134	9.725346	
0.14085	3.020010	2.428006	0.376907
0.000122	0.050082	16.352015	
0.28169	3.020010	2.428006	0.376907
0.000122	0.090017	23.203025	
0.42254	3.020010	2.428006	0.376907
0.000122	0.223286	30.142652	
0.56339	3.020010	2.428006	0.376907
0.000122	0.356539	37.117966	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.392550	-16.693937	-0.317752
-0.000888	-0.176483	-22.421621	
0.14085	-1.392550	-16.693937	-0.317752
-0.000888	-0.043221	-22.997157	
0.28169	-1.392550	-16.693937	-0.317752
-0.000888	-0.108179	-23.598361	
0.42254	-1.392550	-16.693937	-0.317752
-0.000888	-0.266209	-24.220925	
0.56339	-1.392550	-16.693937	-0.317752
-0.000888	-0.424240	-24.905966	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.804970	12.352202	0.730620
0.000178	0.403359	15.899377	
0.14085	3.804970	12.352202	0.730620
0.000178	0.097105	26.109125	
0.28169	3.804970	12.352202	0.730620
0.000178	0.144512	37.050312	
0.42254	3.804970	12.352202	0.730620
0.000178	0.358993	49.453480	
0.56339	3.804970	12.352202	0.730620
0.000178	0.573437	62.381060	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.008408	-31.347452	-0.511363
-0.001738	-0.284600	-42.269524	
0.14085	-5.008408	-31.347452	-0.511363
-0.001738	-0.070466	-44.089713	
0.28169	-5.008408	-31.347452	-0.511363
-0.001738	-0.210397	-46.316103	
0.42254	-5.008408	-31.347452	-0.511363
-0.001738	-0.516581	-49.242814	
0.56339	-5.008408	-31.347452	-0.511363
-0.001738	-0.822807	-53.235368	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.216523	52.483218	1.034902
5.95E-06	0.570966	42.574167	
0.14085	4.216523	52.483218	1.034902
5.95E-06	0.137015	44.763375	
0.28169	4.216523	52.483218	1.034902
5.95E-06	0.169444	53.930283	
0.42254	4.216523	52.483218	1.034902
5.95E-06	0.422921	64.616427	
0.56339	4.216523	52.483218	1.034902
5.95E-06	0.676290	75.798949	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.769565	-39.094320	-0.604173
-0.001939	-0.337231	-35.031668	
0.14085	-7.769565	-39.094320	-0.604173
-0.001939	-0.083620	-33.906361	
0.28169	-7.769565	-39.094320	-0.604173
-0.001939	-0.297393	-48.745425	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3177

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-7.769565	-39.094320	-0.604173
-0.001939	-0.731335	-68.734855	
0.56339	-7.769565	-39.094320	-0.604173
-0.001939	-1.165297	-89.817167	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.074066	88.475936	1.188218
0.003704	0.671850	102.111879	
0.14085	7.074066	88.475936	1.188218
0.003704	0.174078	102.211641	
0.28169	7.074066	88.475936	1.188218
0.003704	0.194162	107.945258	
0.42254	7.074066	88.475936	1.188218
0.003704	0.484249	124.959845	
0.56339	7.074066	88.475936	1.188218
0.003704	0.774042	149.047639	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.229393	-69.390790	-0.691271
-0.004775	-0.390195	-32.658302	
0.14085	-9.229393	-69.390790	-0.691271
-0.004775	-0.107451	-35.096588	
0.28169	-9.229393	-69.390790	-0.691271
-0.004775	-0.338068	-51.096056	
0.42254	-9.229393	-69.390790	-0.691271
-0.004775	-0.833843	-71.053476	
0.56339	-9.229393	-69.390790	-0.691271
-0.004775	-1.329654	-102.748386	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.625665	19.794815	0.425843
9.33E-06	0.234491	9.955765	
0.14085	0.625665	19.794815	0.425843
9.33E-06	0.056051	12.026537	
0.28169	0.625665	19.794815	0.425843
9.33E-06	0.051738	15.628323	
0.42254	0.625665	19.794815	0.425843
9.33E-06	0.130282	19.677180	
0.56339	0.625665	19.794815	0.425843
9.33E-06	0.208800	26.499121	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.493016	-16.822456	-0.187255
-0.000748	-0.105343	-14.447003	
0.14085	-4.493016	-16.822456	-0.187255
-0.000748	-0.026734	-17.854836	
0.28169	-4.493016	-16.822456	-0.187255
-0.000748	-0.122775	-23.726051	
0.42254	-4.493016	-16.822456	-0.187255
-0.000748	-0.301307	-30.853652	
0.56339	-4.493016	-16.822456	-0.187255
-0.000748	-0.479877	-38.460531	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.207306	106.341045	0.843030
0.004598	0.485575	105.544089	
0.14085	2.207306	106.341045	0.843030
0.004598	0.132667	78.931726	
0.28169	2.207306	106.341045	0.843030
0.004598	0.099660	59.701280	
0.42254	2.207306	106.341045	0.843030
0.004598	0.249783	55.856067	
0.56339	2.207306	106.341046	0.843030
0.004598	0.399817	61.677969	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.214397	-29.809510	-0.357772
-0.005422	-0.206703	-12.703889	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -9.214397 -29.809510 -0.357772
-0.005422 -0.239546 -1.181502
0.28169 -9.214397 -29.809510 -0.357772
-0.005422 -0.239402 -27.600298
0.42254 -9.214397 -29.809510 -0.357772
-0.005422 -0.589540 -49.101430
0.56339 -9.214397 -29.809510 -0.357772
-0.005422 -0.939706 -86.571949

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.827158 97.577392 1.075036
0.004156 0.611330 100.685096
0.14085 3.827158 97.577392 1.075036
0.004156 0.161054 82.461054
0.28169 3.827158 97.577392 1.075036
0.004156 0.157661 70.776807
0.42254 3.827158 97.577392 1.075036
0.004156 0.393494 72.952625
0.56339 3.827158 97.577392 1.075036
0.004156 0.629250 83.850391

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.141029 -40.437424 -0.562180
-0.005590 -0.319542 -29.826140
0.14085 -10.141029 -40.437424 -0.562180
-0.005590 -0.092661 -28.930557
0.28169 -10.141029 -40.437424 -0.562180
-0.005590 -0.306675 -44.686309
0.42254 -10.141029 -40.437424 -0.562180
-0.005590 -0.754421 -64.671584
0.56339 -10.141029 -40.437424 -0.562180
-0.005590 -1.202188 -99.103283

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.435045 89.359132 1.224683
0.003434 0.689979 86.692528
0.14085 7.435045 89.359132 1.224683
0.003434 0.176883 92.774251
0.28169 7.435045 89.359132 1.224683
0.003434 0.201324 104.478232
0.42254 7.435045 89.359132 1.224683
0.003434 0.502492 125.563165
0.56339 7.435045 89.359132 1.224683
0.003434 0.803591 152.456457

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.662457 -76.085854 -0.717995
-0.003970 -0.404598 -30.617985
0.14085 -9.662457 -76.085854 -0.717995
-0.003970 -0.109252 -35.890802
0.28169 -9.662457 -76.085854 -0.717995
-0.003970 -0.348108 -55.167717
0.42254 -9.662457 -76.085854 -0.717995
-0.003970 -0.859642 -78.401137
0.56339 -9.662457 -76.085854 -0.717995
-0.003970 -1.371197 -111.371393

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.380819 31.039413 0.512395
0.001397 0.286771 2.769069
0.14085 5.380819 31.039413 0.512395
0.001397 0.072292 6.004106
0.28169 5.380819 31.039413 0.512395
0.001397 0.122009 22.526619
0.42254 5.380819 31.039413 0.512395
0.001397 0.304515 39.357359
0.56339 5.380819 31.039413 0.512395
0.001397 0.487014 56.316635
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.107815 -40.704234 -0.435181
-1.95E-05 -0.242992 -13.316199
0.14085 -3.107815 -40.704234 -0.435181
-1.95E-05 -0.060480 -23.445912
0.28169 -3.107815 -40.704234 -0.435181
-1.95E-05 -0.143336 -35.601354
0.42254 -3.107815 -40.704234 -0.435181
-1.95E-05 -0.358094 -48.338045
0.56339 -3.107815 -40.704234 -0.435181
-1.95E-05 -0.572961 -61.256547

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.031449 111.683211 0.891490
0.007112 0.521494 102.343614
0.14085 8.031449 111.683211 0.891490
0.007112 0.148531 87.987676
0.28169 8.031449 111.683211 0.891490
0.007112 0.171298 83.246292
0.42254 8.031449 111.683211 0.891490
0.007112 0.426783 96.481788
0.56339 8.031449 111.683211 0.891490
0.007112 0.682258 121.214786

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.328509 -64.539895 -0.609202
-0.005441 -0.347365 -13.796752
0.14085 -7.328509 -64.539895 -0.609202
-0.005441 -0.104152 -27.259008
0.28169 -7.328509 -64.539895 -0.609202
-0.005441 -0.248179 -41.818769
0.42254 -7.328509 -64.539895 -0.609202
-0.005441 -0.617819 -61.549448
0.56339 -7.328509 -64.539895 -0.609202
-0.005441 -0.987521 -100.250215

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.646807 118.814225 1.170837
0.005185 0.667389 90.750675
0.14085 7.646807 118.814225 1.170837
0.005185 0.177049 83.335451
0.28169 7.646807 118.814225 1.170837
0.005185 0.193558 86.223178
0.42254 7.646807 118.814225 1.170837
0.005185 0.484194 102.056392
0.56339 7.646807 118.814225 1.170837
0.005185 0.774753 126.015030

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.886015 -71.487333 -0.692860
-0.004381 -0.392817 -15.326162
0.14085 -9.886015 -71.487333 -0.692860
-0.004381 -0.110476 -24.905971
0.28169 -9.886015 -71.487333 -0.692860
-0.004381 -0.329845 -51.861366
0.42254 -9.886015 -71.487333 -0.692860
-0.004381 -0.817942 -82.720628
0.56339 -9.886015 -71.487333 -0.692860
-0.004381 -1.306083 -126.791276

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.444999 102.312292 1.255775
0.004297 0.710069 78.782095
0.14085 7.444999 102.312292 1.255775
0.004297 0.184033 77.177960
0.28169 7.444999 102.312292 1.255775
0.004297 0.213858 84.548340
0.42254 7.444999 102.312292 1.255775
0.004297 0.534079 102.751632
0.56339 7.444999 102.312292 1.255775
0.004297 0.854226 127.717236
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.548123 -71.438466 -0.763415
-0.004218 -0.430777 -30.132663
0.14085 -10.548123 -71.438466 -0.763415
-0.004218 -0.117359 -38.777755
0.28169 -10.548123 -71.438466 -0.763415
-0.004218 -0.355907 -61.418944
0.42254 -10.548123 -71.438466 -0.763415
-0.004218 -0.880096 -87.973277
0.56339 -10.548123 -71.438466 -0.763415
-0.004218 -1.404335 -125.709869

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.211116 3.533702 0.788349
0.000126 0.436269 14.121095
0.14085 5.211116 3.533702 0.788349
0.000126 0.105445 22.721402
0.28169 5.211116 3.533702 0.788349
0.000126 0.164473 32.067331
0.42254 5.211116 3.533702 0.788349
0.000126 0.409990 41.778830
0.56339 5.211116 3.533702 0.788349
0.000126 0.655182 51.652654

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.432043 -24.434116 -0.584051
-0.000974 -0.323415 -25.773120
0.14085 -1.432043 -24.434116 -0.584051
-0.000974 -0.078681 -25.545705
0.28169 -1.432043 -24.434116 -0.584051
-0.000974 -0.225036 -26.000214
0.42254 -1.432043 -24.434116 -0.584051
-0.000974 -0.455568 -26.892231
0.56339 -1.432043 -24.434116 -0.584051
-0.000974 -0.886229 -27.811097

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.532131 12.739072 1.451971
0.000106 0.801334 21.242612
0.14085 6.532131 12.739072 1.451971
0.000106 0.192191 36.016638
0.28169 6.532131 12.739072 1.451971
0.000106 0.256785 52.584109
0.42254 6.532131 12.739072 1.451971
0.000106 0.643388 70.321780
0.56339 6.532131 12.739072 1.451971
0.000106 1.030285 88.568019

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.770297 -45.066835 -0.921173
-0.001840 -0.512548 -45.591958
0.14085 -4.770297 -45.066835 -0.921173
-0.001840 -0.127271 -45.634574
0.28169 -4.770297 -45.066835 -0.921173
-0.001840 -0.417502 -47.508124
0.42254 -4.770297 -45.066835 -0.921173
-0.001840 -1.026148 -50.982164
0.56339 -4.770297 -45.066835 -0.921173
-0.001840 -1.634872 -55.547596

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.772920 46.456768 1.856885
8.88E-06 1.024928 55.839758
0.14085 6.772920 46.456768 1.856885
8.88E-06 0.245559 62.277637
0.28169 6.772920 46.456768 1.856885
8.88E-06 0.292536 76.931420
0.42254 6.772920 46.456768 1.856885
8.88E-06 0.734240 95.161284
0.56339 6.772920 46.456768 1.856885
8.88E-06 1.175970 114.435627
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.140505 -53.490360 -1.051899
-0.001988 -0.586507 -38.558296
0.14085 -7.140505 -53.490360 -1.051899
-0.001988 -0.145418 -36.928779
0.28169 -7.140505 -53.490360 -1.051899
-0.001988 -0.533251 -48.191223
0.42254 -7.140505 -53.490360 -1.051899
-0.001988 -1.311846 -65.384179
0.56339 -7.140505 -53.490360 -1.051899
-0.001988 -2.090487 -83.578035

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.773448 79.328970 2.139241
0.002944 1.196104 107.426867
0.14085 8.773448 79.328970 2.139241
0.002944 0.299118 112.744002
0.28169 8.773448 79.328970 2.139241
0.002944 0.345431 125.422690
0.42254 8.773448 79.328970 2.139241
0.002944 0.863541 148.414362
0.56339 8.773448 79.328970 2.139241
0.002944 1.381826 177.719275

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.065119 -78.635739 -1.236258
-0.004226 -0.697996 -35.902828
0.14085 -9.065119 -78.635739 -1.236258
-0.004226 -0.182070 -38.587962
0.28169 -9.065119 -78.635739 -1.236258
-0.004226 -0.608665 -52.630701
0.42254 -9.065119 -78.635739 -1.236258
-0.004226 -1.502741 -72.231263
0.56339 -9.065119 -78.635739 -1.236258
-0.004226 -2.397799 -103.369064

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.052275 16.535792 0.729011
5.60E-06 0.400669 11.859695
0.14085 1.052275 16.535792 0.729011
5.60E-06 0.095229 16.656538
0.28169 1.052275 16.535792 0.729011
5.60E-06 0.089404 23.666166
0.42254 1.052275 16.535792 0.729011
5.60E-06 0.226534 31.464257
0.56339 1.052275 16.535792 0.729011
5.60E-06 0.364184 40.382428

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.023620 -22.173793 -0.328159
-0.000785 -0.184765 -14.377786
0.14085 -4.023620 -22.173793 -0.328159
-0.000785 -0.047228 -16.443049
0.28169 -4.023620 -22.173793 -0.328159
-0.000785 -0.211252 -21.023829
0.42254 -4.023620 -22.173793 -0.328159
-0.000785 -0.516791 -26.764319
0.56339 -4.023620 -22.173793 -0.328159
-0.000785 -0.822444 -33.043041

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.573237 90.809678 1.339408
0.003899 0.758565 108.596407
0.14085 2.573237 90.809678 1.339408
0.003899 0.198201 87.623987
0.28169 2.573237 90.809678 1.339408
0.003899 0.168489 75.361139
0.42254 2.573237 90.809678 1.339408
0.003899 0.423454 77.098697
0.56339 2.573237 90.809678 1.339408
0.003899 0.678900 87.740498
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.457188 -36.213152 -0.611071
-0.004956 -0.357233 -12.317512
0.14085 -8.457188 -36.213152 -0.611071
-0.004956 -0.104870 -10.804179
0.28169 -8.457188 -36.213152 -0.611071
-0.004956 -0.382236 -24.033202
0.42254 -8.457188 -36.213152 -0.611071
-0.004956 -0.939909 -42.824313
0.56339 -8.457188 -36.213152 -0.611071
-0.004956 -1.497916 -78.605110

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.418697 84.378134 1.854216
0.003529 1.040854 105.902653
0.14085 5.418697 84.378134 1.854216
0.003529 0.264272 94.510238
0.28169 5.418697 84.378134 1.854216
0.003529 0.271371 91.460672
0.42254 5.418697 84.378134 1.854216
0.003529 0.680948 101.008592
0.56339 5.418697 84.378134 1.854216
0.003529 1.090879 118.791771

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.396064 -52.415367 -0.978894
-0.005241 -0.559900 -30.845645
0.14085 -9.396064 -52.415367 -0.978894
-0.005241 -0.153282 -29.706993
0.28169 -9.396064 -52.415367 -0.978894
-0.005241 -0.530326 -42.689218
0.42254 -9.396064 -52.415367 -0.978894
-0.005241 -0.907348 -60.407442
0.56339 -9.396064 -52.415367 -0.978894
-0.005241 -2.078543 -93.572923

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.126900 84.698869 2.227751
0.002872 1.243481 90.699084
0.14085 8.126900 84.698869 2.227751
0.002872 0.310463 100.322234
0.28169 8.126900 84.698869 2.227751
0.002872 0.351024 117.422105
0.42254 8.126900 84.698869 2.227751
0.002872 0.878429 143.001942
0.56339 8.126900 84.698869 2.227751
0.002872 1.405665 173.810829

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.102887 -81.384354 -1.257903
-0.003557 -0.709024 -32.687539
0.14085 -10.102887 -81.384354 -1.257903
-0.003557 -0.183651 -40.391469
0.28169 -10.102887 -81.384354 -1.257903
-0.003557 -0.632989 -60.379807
0.42254 -10.102887 -81.384354 -1.257903
-0.003557 -1.564571 -84.632930
0.56339 -10.102887 -81.384354 -1.257903
-0.003557 -2.497339 -118.454952

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.529279 45.088336 1.113906
0.001504 0.620630 3.336976
0.14085 4.529279 45.088336 1.113906
0.001504 0.154868 17.758820
0.28169 4.529279 45.088336 1.113906
0.001504 0.207505 20.663792
0.42254 4.529279 45.088336 1.113906
0.001504 0.515894 34.896128
0.56339 4.529279 45.088336 1.113906
0.001504 0.824117 49.311664
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.299089 -34.894887 -0.734960
-1.50E-05 -0.408633 -27.790803
0.14085 -5.299089 -34.894887 -0.734960
-1.50E-05 -0.099942 -40.187858
0.28169 -5.299089 -34.894887 -0.734960
-1.50E-05 -0.310610 -57.758511
0.42254 -5.299089 -34.894887 -0.734960
-1.50E-05 -0.777983 -76.253681
0.56339 -5.299089 -34.894887 -0.734960
-1.50E-05 -1.245281 -94.973547

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.895705 123.830227 1.739832
0.007147 0.995527 109.442861
0.14085 6.895705 123.830227 1.739832
0.007147 0.268415 93.762661
0.28169 6.895705 123.830227 1.739832
0.007147 0.303936 85.128527
0.42254 6.895705 123.830227 1.739832
0.007147 0.753901 93.870123
0.56339 6.895705 123.830227 1.739832
0.007147 1.204069 114.715918

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.024402 -56.562699 -1.077042
-0.005682 -0.619401 -25.234270
0.14085 -10.024402 -56.562699 -1.077042
-0.005682 -0.173066 -42.534429
0.28169 -10.024402 -56.562699 -1.077042
-0.005682 -0.483788 -63.300996
0.42254 -10.024402 -56.562699 -1.077042
-0.005682 -1.207887 -89.357809
0.56339 -10.024402 -56.562699 -1.077042
-0.005682 -1.932689 -138.850163

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.798780 124.689979 2.123772
0.005429 1.198774 102.925622
0.14085 6.798780 124.689979 2.123772
0.005429 0.310352 93.066398
0.28169 6.798780 124.689979 2.123772
0.005429 0.332254 94.671500
0.42254 6.798780 124.689979 2.123772
0.005429 0.828135 109.701125
0.56339 6.798780 124.689979 2.123772
0.005429 1.324319 133.766938

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.779961 -67.170752 -1.185630
-0.004691 -0.676382 -24.870148
0.14085 -11.779961 -67.170752 -1.185630
-0.004691 -0.182405 -38.895866
0.28169 -11.779961 -67.170752 -1.185630
-0.004691 -0.597347 -68.326738
0.42254 -11.779961 -67.170752 -1.185630
-0.004691 -1.484140 -101.245819
0.56339 -11.779961 -67.170752 -1.185630
-0.004691 -2.371207 -151.326288

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.497433 107.512208 2.326931
0.004510 1.305371 90.603674
0.14085 7.497433 107.512208 2.326931
0.004510 0.331248 88.846953
0.28169 7.497433 107.512208 2.326931
0.004510 0.366749 97.054805
0.42254 7.497433 107.512208 2.326931
0.004510 0.916192 116.589899
0.56339 7.497433 107.512208 2.326931
0.004510 1.466026 143.718041
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.029669 -73.127436 -1.312694
-0.004530 -0.744656 -38.292629
0.14085 -12.029669 -73.127436 -1.312694
-0.004530 -0.197163 -50.148908
0.28169 -12.029669 -73.127436 -1.312694
-0.004530 -0.658862 -75.253051
0.42254 -12.029669 -73.127436 -1.312694
-0.004530 -1.631476 -103.908822
0.56339 -12.029669 -73.127436 -1.312694
-0.004530 -2.604302 -147.020753

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.031449 118.814225 1.255775
0.007112 0.710069 105.544089
0.14085 8.031449 118.814225 1.255775
0.007112 0.184033 102.211641
0.28169 8.031449 118.814225 1.255775
0.007112 0.213858 107.945258
0.42254 8.031449 118.814225 1.255775
0.007112 0.534079 125.563165
0.56339 8.031449 118.814225 1.255775
0.007112 0.854226 152.456457

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.548123 -76.085854 -0.763415
-0.005590 -0.430777 -42.269524
0.14085 -10.548123 -76.085854 -0.763415
-0.005590 -0.117359 -44.089713
0.28169 -10.548123 -76.085854 -0.763415
-0.005590 -0.355907 -61.418944
0.42254 -10.548123 -76.085854 -0.763415
-0.005590 -0.880096 -87.973277
0.56339 -10.548123 -76.085854 -0.763415
-0.005590 -1.404335 -126.791276

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.773448 124.689979 2.326931
0.007147 1.305371 109.442861
0.14085 8.773448 124.689979 2.326931
0.007147 0.331248 112.744002
0.28169 8.773448 124.689979 2.326931
0.007147 0.366749 125.422690
0.42254 8.773448 124.689979 2.326931
0.007147 0.916192 148.414362
0.56339 8.773448 124.689979 2.326931
0.007147 1.466026 177.719275

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.029669 -81.384354 -1.312694
-0.005682 -0.744656 -45.591958
0.14085 -12.029669 -81.384354 -1.312694
-0.005682 -0.197163 -50.148908
0.28169 -12.029669 -81.384354 -1.312694
-0.005682 -0.658862 -75.253051
0.42254 -12.029669 -81.384354 -1.312694
-0.005682 -1.631476 -103.908822
0.56339 -12.029669 -81.384354 -1.312694
-0.005682 -2.604302 -151.326288

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.773448 124.689979 2.326931
0.007147 1.305371 109.442861
0.14085 8.773448 124.689979 2.326931
0.007147 0.331248 112.744002
0.28169 8.773448 124.689979 2.326931
0.007147 0.366749 125.422690
0.42254 8.773448 124.689979 2.326931

```
 0.007147     0.916192   148.414362
 0.56339      8.773448   124.689979      2.326931
 0.007147     1.466026   177.719275
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3185

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.00000    -12.029669    -81.384354    -1.312694
-0.005682     -0.744656     -45.591958
0.14085    -12.029669    -81.384354    -1.312694
-0.005682     -0.197163     -50.148908
0.28169    -12.029669    -81.384354    -1.312694
-0.005682     -0.658862     -75.253051
0.42254    -12.029669    -81.384354    -1.312694
-0.005682     -1.631476    -103.908822
0.56339    -12.029669    -81.384354    -1.312694
-0.005682     -2.604302    -151.326288

COMB   DESIGN  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.00000     8.773448    124.689979      2.326931
 0.007147     1.305371    109.442861
0.14085     8.773448    124.689979      2.326931
 0.007147     0.331248    112.744002
0.28169     8.773448    124.689979      2.326931
 0.007147     0.366749    125.422690
0.42254     8.773448    124.689979      2.326931
 0.007147     0.916192    148.414362
0.56339     8.773448    124.689979      2.326931
 0.007147     1.466026    177.719275

COMB   DESIGN  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.00000    -12.029669    -81.384354    -1.312694
-0.005682     -0.744656     -45.591958
0.14085    -12.029669    -81.384354    -1.312694
-0.005682     -0.197163     -50.148908
0.28169    -12.029669    -81.384354    -1.312694
-0.005682     -0.658862     -75.253051
0.42254    -12.029669    -81.384354    -1.312694
-0.005682     -1.631476    -103.908822
0.56339    -12.029669    -81.384354    -1.312694
-0.005682     -2.604302    -151.326288

ELEM      298  ========== LENGTH
=     2.977195

COMB DB-G1-1  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     2.687977     2.738585      0.392367
0.000545     0.424618     3.183278
0.57749     2.687977     2.738585      0.392367
0.000545     0.260099     2.795957
0.71833     2.687977     2.738585      0.392367
0.000545     0.095562     2.566227
0.85916     2.687977     2.738585      0.392367
0.000545     0.061507     2.764373
1.00000     2.687977     2.738585      0.392367
0.000545     0.204145     6.092083

COMB DB-G1-1  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.734859    -20.242169    -0.339478
-0.001086     -0.365227     -28.422749
0.57749    -0.734859    -20.242169    -0.339478
-0.001086     -0.222884     -19.936200
0.71833    -0.734859    -20.242169    -0.339478
-0.001086     -0.080533     -11.473449
0.85916    -0.734859    -20.242169    -0.339478
-0.001086     -0.069605     -7.379482
1.00000    -0.734859    -20.242169    -0.339478
-0.001086     -0.233463     -6.435190

COMB DB-G1-2  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     6.157093     4.348246      0.779427
0.000893     0.841620     5.210884
0.57749     6.157093     4.348246      0.779427
0.000893     0.514809     4.129284
0.71833     6.157093     4.348246      0.779427
0.000893     0.187973     3.853201
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3186

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST              P              V2              V3
     T              M2              M3
0.85916     6.157093     4.348246      0.779427
0.000893     0.100322     4.373707
1.00000     6.157093     4.348246      0.779427
0.000893     0.331972    11.920728

COMB DB-G1-2  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.493639    -42.776753    -0.553211
-0.001956     -0.595871     -72.075206
0.57749    -0.493639    -42.776753    -0.553211
-0.001956     -0.363910     -54.894391
0.71833    -0.493639    -42.776753    -0.553211
-0.001956     -0.132021     -38.148764
0.85916    -0.493639    -42.776753    -0.553211
-0.001956     -0.139346     -28.819113
1.00000    -0.493639    -42.776753    -0.553211
-0.001956     -0.465844     -23.408844

COMB DB-G1-3  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     6.834421    19.820135      1.091848
 0.000658     1.179027     44.020155
0.57749     6.834421    19.820135      1.091848
 0.000658     0.721816     36.254586
0.71833     6.834421    19.820135      1.091848
 0.000658     0.263389     29.480942
0.85916     6.834421    19.820135      1.091848
 0.000658     0.130602     23.312825
1.00000     6.834421    19.820135      1.091848
 0.000658     0.437251     25.572070

COMB DB-G1-3  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -1.681588    -55.132733    -0.731167
-0.001708     -0.789089     -88.004580
0.57749    -1.681588    -55.132733    -0.731167
-0.001708     -0.482514     -65.401210
0.71833    -1.681588    -55.132733    -0.731167
-0.001708     -0.175898     -42.829406
0.85916    -1.681588    -55.132733    -0.731167
-0.001708     -0.194308     -26.273028
1.00000    -1.681588    -55.132733    -0.731167
-0.001708     -0.652256     -15.468449

COMB DB-G1-4  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     8.910444    28.528022      1.223366
 0.003796     1.321364     57.309481
0.57749     8.910444    28.528022      1.223366
 0.003796     0.808415     46.440638
 0.71833     8.910444    28.528022      1.223366
 0.003796     0.295449     40.010690
0.85916     8.910444    28.528022      1.223366
 0.003796     0.156713     50.234362
1.00000     8.910444    28.528022      1.223366
 0.003796     0.502162     76.610173

COMB DB-G1-4  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -3.294070    -110.341713    -0.839277
-0.003783     -0.905483    -125.916731
0.57749    -3.294070    -110.341713    -0.839277
-0.003783     -0.553582     -80.258665
0.71833    -3.294070    -110.341713    -0.839277
-0.003783     -0.201623     -42.679331
0.85916    -3.294070    -110.341713    -0.839277
-0.003783     -0.227099     -22.231287
1.00000    -3.294070    -110.341713    -0.839277
-0.003783     -0.733365     -15.263184

COMB DB-G2-1  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     3.835290     2.540491      0.460011
0.000113     0.495728     4.469833
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3187

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST              P              V2              V3
     T              M2              M3
0.57749     3.835290     2.540491      0.460011
0.000113     0.302855     3.960616
0.71833     3.835290     2.540491      0.460011
0.000113     0.109939     3.488528
0.85916     3.835290     2.540491      0.460011
0.000113     0.042429     3.598040
1.00000     3.835290     2.540491      0.460011
0.000113     0.144234     7.247286

COMB DB-G2-1  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.168559    -24.909415    -0.242647
-0.000730     -0.262732     -48.056085
0.57749    -0.168559    -24.909415    -0.242647
-0.000730     -0.161003     -38.229295
0.71833    -0.168559    -24.909415    -0.242647
-0.000730     -0.059316     -28.613813
0.85916    -0.168559    -24.909415    -0.242647
-0.000730     -0.082964     -22.002192
1.00000    -0.168559    -24.909415    -0.242647
-0.000730     -0.275867     -16.912367

COMB DB-G2-2  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     7.275465    22.353340      0.874498
 0.003880     0.943607     53.154266
0.57749     7.275465    22.353340      0.874498
 0.003880     0.576931     44.603325
0.71833     7.275465    22.353340      0.874498
 0.003880     0.210233     41.087064
0.85916     7.275465    22.353340      0.874498
 0.003880     0.099106     57.882777
1.00000     7.275465    22.353340      0.874498
 0.003880     0.304585     79.614705

COMB DB-G2-2  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -2.043414    -92.606825    -0.511220
-0.003579     -0.552841     -98.953691
0.57749    -2.043414    -92.606825    -0.511220
-0.003579     -0.338498     -60.953570
0.71833    -2.043414    -92.606825    -0.511220
-0.003579     -0.124102     -33.863447
0.85916    -2.043414    -92.606825    -0.511220
-0.003579     -0.169579     -20.077699
1.00000    -2.043414    -92.606825    -0.511220
-0.003579     -0.527042     -8.962135

COMB DB-G2-3  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     8.897047    21.928849      1.125485
 0.003894     1.214795     49.512108
0.57749     8.897047    21.928849      1.125485
 0.003894     0.742881     41.493369
0.71833     8.897047    21.928849      1.125485
 0.003894     0.270938     38.255915
0.85916     8.897047    21.928849      1.125485
 0.003894     0.135865     53.394006
1.00000     8.897047    21.928849      1.125485
 0.003894     0.428326     75.426611

COMB DB-G2-3  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -2.049744    -100.792955    -0.716622
-0.004052     -0.773589    -114.088834
0.57749    -2.049744    -100.792955    -0.716622
-0.004052     -0.473122     -72.518049
0.71833    -2.049744    -100.792955    -0.716622
-0.004052     -0.172588     -40.852558
0.85916    -2.049744    -100.792955    -0.716622
-0.004052     -0.212831     -26.092048
1.00000    -2.049744    -100.792955    -0.716622
-0.004052     -0.676420     -15.000580
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3188

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     8.323030    38.139376      1.256749
 0.003457     1.357140     70.770300
0.57749     8.323030    38.139376      1.256749
 0.003457     0.830187     55.687742
0.71833     8.323030    38.139376      1.256749
 0.003457     0.303209     44.246496
0.85916     8.323030    38.139376      1.256749
 0.003457     0.160190     46.461423
1.00000     8.323030    38.139376      1.256749
 0.003457     0.518770     65.098604

COMB DB-G2-4  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -4.471313    -100.432780    -0.867625
-0.003230     -0.936409     -121.067108
0.57749    -4.471313    -100.432780    -0.867625
-0.003230     -0.572625     -79.492413
0.71833    -4.471313    -100.432780    -0.867625
-0.003230     -0.208786     -44.630392
0.85916    -4.471313    -100.432780    -0.867625
-0.003230     -0.231543     -22.367892
1.00000    -4.471313    -100.432780    -0.867625
-0.003230     -0.753059     -17.746450

COMB DB-G3-1  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     1.086355    42.388325      0.499255
 0.001272     0.538637     60.700793
0.57749     1.086355    42.388325      0.499255
 0.001272     0.329300     43.020432
 0.71833     1.086355    42.388325      0.499255
 0.001272     0.119955     25.374988
0.85916     1.086355    42.388325      0.499255
 0.001272     0.085950      8.123440
1.00000     1.086355    42.388325      0.499255
 0.001272     0.287304      2.110852

COMB DB-G3-1  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -5.072045    -6.615867    -0.480137
-0.000481     -0.517980     -19.628049
0.57749    -5.072045    -6.615867    -0.480137
-0.000481     -0.316659     -16.997260
0.71833    -5.072045    -6.615867    -0.480137
-0.000481     -0.115332     -14.629377
0.85916    -5.072045    -6.615867    -0.480137
-0.000481     -0.098582     -12.453060
1.00000    -5.072045    -6.615867    -0.480137
-0.000481     -0.298716     -12.147511

COMB DB-G3-2  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     5.259422    58.745594      0.861478
 0.006070     0.931546     100.826493
0.57749     5.259422    58.745594      0.861478
 0.006070     0.570329     77.071962
0.71833     5.259422    58.745594      0.861478
 0.006070     0.209122     58.767430
0.85916     5.259422    58.745594      0.861478
 0.006070     0.141776     65.463360
1.00000     5.259422    58.745594      0.861478
 0.006070     0.437176     82.392818

COMB DB-G3-2  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -7.061959    -89.691872    -0.730351
-0.004160     -0.787766     -80.335789
0.57749    -7.061959    -89.691872    -0.730351
-0.004160     -0.481530     -43.182642
0.71833    -7.061959    -89.691872    -0.730351
-0.004160     -0.175243     -19.488481
0.85916    -7.061959    -89.691872    -0.730351
-0.004160     -0.168280     -11.267597
1.00000    -7.061959    -89.691872    -0.730351
-0.004160     -0.518082     -13.113224
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3189

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     6.618043    58.946373      1.168091
 0.004460     1.262064     102.426660
0.57749     6.618043    58.946373      1.168091
 0.004460     0.772284     78.593808
0.71833     6.618043    58.946373      1.168091
 0.004460     0.282501     58.956921
0.85916     6.618043    58.946373      1.168091
 0.004460     0.168910     57.164021
1.00000     6.618043    58.946373      1.168091
 0.004460     0.519461     67.750399

COMB DB-G3-3  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -6.699197    -88.757339    -0.870335
-0.003294     -0.940260     -100.515593
0.57749    -6.699197    -88.757339    -0.870335
-0.003294     -0.575336     -63.747291
0.71833    -6.699197    -88.757339    -0.870335
-0.003294     -0.210314     -36.208166
0.85916    -6.699197    -88.757339    -0.870335
-0.003294     -0.218364     -19.236140
1.00000    -6.699197    -88.757339    -0.870335
-0.003294     -0.700325     -12.674891

COMB DB-G3-4  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     8.017886    50.743213      1.279246
 0.003972     1.381473     87.735652
0.57749     8.017886    50.743213      1.279246
 0.003972     0.845094     67.341081
0.71833     8.017886    50.743213      1.279246
 0.003972     0.308673     50.702021
0.85916     8.017886    50.743213      1.279246
 0.003972     0.170461     48.802287
1.00000     8.017886    50.743213      1.279246
 0.003972     0.550774     59.061822

COMB DB-G3-4  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -5.767805    -89.696253    -0.921472
-0.003393     -0.994720     -111.927124
0.57749    -5.767805    -89.696253    -0.921472
-0.003393     -0.658358     -75.016370
0.71833    -5.767805    -89.696253    -0.921472
-0.003393     -0.221948     -45.814156
0.85916    -5.767805    -89.696253    -0.921472
-0.003393     -0.236822     -29.113778
1.00000    -5.767805    -89.696253    -0.921472
-0.003393     -0.766829     -21.439464

COMB DL-G1-1  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     4.951013    4.046933      0.843792
0.000537     0.610976     6.664724
0.57749     4.951013    4.046933      0.843792
0.000537     0.557189     5.421070
0.71833     4.951013    4.046933      0.843792
0.000537     0.203437     4.364447
0.85916     4.951013    4.046933      0.843792
0.000537     0.126662     3.905338
1.00000     4.951013    4.046933      0.843792
0.000537     0.427850    11.815785

COMB DL-G1-1  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.926407    -33.304244    -0.713821
-0.001267     -0.767895     -49.591525
0.57749    -0.926407    -33.304244    -0.713821
-0.001267     -0.468489     -35.816919
0.71833    -0.926407    -33.304244    -0.713821
-0.001267     -0.168698     -22.181903
0.85916    -0.926407    -33.304244    -0.713821
-0.001267     -0.150717     -10.690794
1.00000    -0.926407    -33.304244    -0.713821
-0.001267     -0.504272     -7.810218
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3190

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665    11.183450    5.789652      1.603032
 0.000805     1.727246     8.843368
0.57749    11.183450    5.789652      1.603032
 0.000805     1.055205     6.941265
0.71833    11.183450    5.789652      1.603032
 0.000805     0.382881     5.588605
0.85916    11.183450    5.789652      1.603032
 0.000805     0.197872     5.416938
1.00000    11.183450    5.789652      1.603032
 0.000805     0.662848     19.126006

COMB DL-G1-2  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.966110    -70.966762    -1.110112
-0.002118     -1.196502     -121.955784
0.57749    -0.966110    -70.966762    -1.110112
-0.002118     -0.730477     -92.686426
0.71833    -0.966110    -70.966762    -1.110112
-0.002118     -0.265146     -63.804792
0.85916    -0.966110    -70.966762    -1.110112
-0.002118     -0.289727     -38.050274
1.00000    -0.966110    -70.966762    -1.110112
-0.002118     -0.961611     -24.916940

COMB DL-G1-3  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665    11.851024    19.102860      2.046488
 0.000638     2.206602     42.616375
0.57749    11.851024    19.102860      2.046488
 0.000638     1.348602     35.591843
0.71833    11.851024    19.102860      2.046488
 0.000638     0.490267     31.176213
0.85916    11.851024    19.102860      2.046488
 0.000638     0.237015     27.659992
1.00000    11.851024    19.102860      2.046488
 0.000638     0.796965     39.836974

COMB DL-G1-3  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -2.035229    -86.953677    -1.336035
-0.001859     -1.441945     -134.182174
0.57749    -2.035229    -86.953677    -1.336035
-0.001859     -0.880830     -98.667451
0.71833    -2.035229    -86.953677    -1.336035
-0.001859     -0.320868     -65.284574
0.85916    -2.035229    -86.953677    -1.336035
-0.001859     -0.367776     -34.761036
1.00000    -2.035229    -86.953677    -1.336035
-0.001859     -1.225927     -18.321358

COMB DL-G1-4  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665    12.561997    34.148190      2.321554
 0.003347     2.502954     68.284471
0.57749    12.561997    34.148190      2.321554
 0.003347     1.529140     55.365969
0.71833    12.561997    34.148190      2.321554
 0.003347     0.556768     48.215724
0.85916    12.561997    34.148190      2.321554
 0.003347     0.289382     55.061491
1.00000    12.561997    34.148190      2.321554
 0.003347     0.950822     83.274479

COMB DL-G1-4  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -4.701838    -127.689256    -1.585329
-0.003274     -1.708809     -158.725928
0.57749    -4.701838    -127.689256    -1.585329
-0.003274     -1.043308     -106.431629
0.71833    -4.701838    -127.689256    -1.585329
-0.003274     -0.379627     -61.395108
0.85916    -4.701838    -127.689256    -1.585329
-0.003274     -0.424468     -29.474026
1.00000    -4.701838    -127.689256    -1.585329
-0.003274     -1.394406     -18.047976
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                    MOVING                    LOAD                    >
                                        3191

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     6.347673    3.084942      0.831731
8.71E-05     0.894749     5.264562
0.57749     6.347673    3.084942      0.831731
8.71E-05     0.546040     4.142756
0.71833     6.347673    3.084942      0.831731
8.71E-05     0.197425     3.137114
0.85916     6.347673    3.084942      0.831731
8.71E-05     0.070762     4.433283
1.00000     6.347673    3.084942      0.831731
8.71E-05     0.242686     9.927078

COMB DL-G2-1  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -0.279996    -40.118092    -0.410464
-0.000703     -0.444339     -72.956410
0.57749    -0.279996    -40.118092    -0.410464
-0.000703     -0.272257     -56.480930
0.71833    -0.279996    -40.118092    -0.410464
-0.000703     -0.100435     -40.195569
0.85916    -0.279996    -40.118092    -0.410464
-0.000703     -0.151855     -26.785936
1.00000    -0.279996    -40.118092    -0.410464
-0.000703     -0.500365     -16.487167

COMB DL-G2-2  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665     9.523894    20.258526      1.484162
 0.003548     1.596700     48.716182
0.57749     9.523894    20.258526      1.484162
 0.003548     0.974234     41.706131
0.71833     9.523894    20.258526      1.484162
 0.003548     0.353278     41.821987
0.85916     9.523894    20.258526      1.484162
 0.003548     0.157354     59.951503
1.00000     9.523894    20.258526      1.484162
 0.003548     0.502723     84.898376

COMB DL-G2-2  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -2.275357    -105.741514    -0.835981
-0.002905     -0.902199     -118.749555
0.57749    -2.275357    -105.741514    -0.835981
-0.002905     -0.551427     -75.598848
0.71833    -2.275357    -105.741514    -0.835981
-0.002905     -0.202640     -42.913650
0.85916    -2.275357    -105.741514    -0.835981
-0.002905     -0.282730     -23.684625
1.00000    -2.275357    -105.741514    -0.835981
-0.002905     -0.900102     -9.692740

COMB DL-G2-3  ------------------------- MAX

REL DIST              P              V2              V3
     T              M2              M3
0.43665    13.382966    20.674799      2.048572
 0.003585     2.205405     47.404900
0.57749    13.382966    20.674799      2.048572
 0.003585     1.346317     40.203629
0.71833    13.382966    20.674799      2.048572
 0.003585     0.488539     39.627917
0.85916    13.382966    20.674799      2.048572
 0.003585     0.233009     55.688108
1.00000    13.382966    20.674799      2.048572
 0.003585     0.758927     83.405955

COMB DL-G2-3  ------------------------- MIN

REL DIST              P              V2              V3
     T              M2              M3
0.43665    -2.404542    -125.291775    -1.265344
-0.003542     -1.364683     -154.739924
0.57749    -2.404542    -125.291775    -1.265344
-0.003542     -0.833845     -103.416226
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 0.71833    -2.404542  -125.291775    -1.265344
-0.003542    -0.304537   -61.452178
 0.85916    -2.404542  -125.291775    -1.265344
-0.003542    -0.382914   -34.030974
 1.00000    -2.404542  -125.291775    -1.265344
-0.003542    -1.237427   -16.451508
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3192

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     11.842521       50.353496        2.415686
 0.003168    2.605232       88.689247
0.57749     11.842521       50.353496        2.415686
 0.003168    1.592235       68.894658
0.71833     11.842521       50.353496        2.415686
 0.003168    0.579603       53.811189
0.85916     11.842521       50.353496        2.415686
 0.003168    0.291584       50.048441
1.00000     11.842521       50.353496        2.415686
 0.003168    0.963313       69.663017

COMB DL-G2-4 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665    -6.602246  -117.160184    -1.608378
-0.002783   -1.734628  -151.057391
0.57749    -6.602246  -117.160184    -1.608378
-0.002783   -1.098005  -102.306674
0.71833    -6.602246  -117.160184    -1.608378
-0.002783   -0.386147   -61.016329
0.85916    -6.602246  -117.160184    -1.608378
-0.002783   -0.439355   -29.306135
1.00000    -6.602246  -117.160184    -1.608378
-0.002783   -1.449028   -21.302585

COMB DL-G3-1 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     1.118984       72.463920        1.158182
 0.001434    1.252711       97.567242
0.57749     1.118984       72.463920        1.158182
 0.001434    0.766417       67.365823
0.71833     1.118984       72.463920        1.158182
 0.001434    0.280773       37.355779
0.85916     1.118984       72.463920        1.158182
 0.001434    0.164426        8.749548
1.00000     1.118984       72.463920        1.158182
 0.001434    0.548131        2.738551

COMB DL-G3-1 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665    -8.718805       -8.733186       -0.914903
-0.000457   -0.986215      -19.967740
0.57749    -8.718805       -8.733186       -0.914903
-0.000457   -0.602535      -16.471062
0.71833    -8.718805       -8.733186       -0.914903
-0.000457   -0.218876      -13.136567
0.85916    -8.718805       -8.733186       -0.914903
-0.000457   -0.202477      -11.037084
1.00000    -8.718805       -8.733186       -0.914903
-0.000457   -0.688149      -28.523879

COMB DL-G3-2 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     5.391272       88.860352        1.816314
 0.006542    1.959126      139.297195
0.57749     5.391272       88.860352        1.816314
 0.006542    1.196979      103.344703
0.71833     5.391272       88.860352        1.816314
 0.006542    0.437651       74.580204
0.85916     5.391272       88.860352        1.816314
 0.006542    0.265676       71.035805
1.00000     5.391272       88.860352        1.816314
 0.006542    0.844445       91.613052

COMB DL-G3-2 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665   -11.164729   -93.426017    -1.395984
-0.003825   -1.501759    -82.092365
0.57749   -11.164729   -93.426017    -1.395984
-0.003825   -0.916363    -44.131671
0.71833   -11.164729   -93.426017    -1.395984
-0.003825   -0.332902    -17.714504
0.85916   -11.164729   -93.426017    -1.395984
-0.003825   -0.339750    -10.386484
1.00000   -11.164729   -93.426017    -1.395984
-0.003825   -1.094848    -26.813519
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3193

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     8.106130       84.102754        2.263003
 0.004996    2.441520      132.362015
0.57749     8.106130       84.102754        2.263003
 0.004996    1.492241       98.330146
0.71833     8.106130       84.102754        2.263003
 0.004996    0.544649       71.248871
0.85916     8.106130       84.102754        2.263003
 0.004996    0.287487       63.730589
1.00000     8.106130       84.102754        2.263003
 0.004996    0.934499       80.921642

COMB DL-G3-3 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665   -10.367066  -102.754166    -1.554328
-0.003109   -1.675601  -110.581330
0.57749   -10.367066  -102.754166    -1.554328
-0.003109   -1.023817   -68.574738
0.71833   -10.367066  -102.754166    -1.554328
-0.003109   -0.373277   -36.659655
0.85916   -10.367066  -102.754166    -1.554328
-0.003109   -0.415444   -19.397724
1.00000   -10.367066  -102.754166    -1.554328
-0.003109   -1.360076   -25.713201

COMB DL-G3-4 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665    11.667905       72.054363        2.515137
 0.004401    2.711754      113.548189
0.57749    11.667905       72.054363        2.515137
 0.004401    1.656859       84.534751
0.71833    11.667905       72.054363        2.515137
 0.004401    0.602320       61.379520
0.85916    11.667905       72.054363        2.515137
 0.004401    0.306816       54.617421
1.00000    11.667905       72.054363        2.515137
 0.004401    1.006026       72.428815

COMB DL-G3-4 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665    -8.918023  -114.158235    -1.677266
-0.003316   -1.808606  -144.225528
0.57749    -8.918023  -114.158235    -1.677266
-0.003316   -1.104899   -97.398947
0.71833    -8.918023  -114.158235    -1.677266
-0.003316   -0.402921   -59.107402
0.85916    -8.918023  -114.158235    -1.677266
-0.003316   -0.460579   -34.259546
1.00000    -8.918023  -114.158235    -1.677266
-0.003316   -1.511847   -32.454986

COMB     DB ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     8.910444       58.946373        1.279246
 0.006070    1.381473      102.426660
0.57749     8.910444       58.946373        1.279246
 0.006070    0.845094       78.593808
0.71833     8.910444       58.946373        1.279246
 0.006070    0.308673       58.956921
0.85916     8.910444       58.946373        1.279246
 0.006070    0.170461       65.463360
1.00000     8.910444       58.946373        1.279246
 0.006070    0.550774       82.392818

COMB     DB ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665    -7.061959  -110.341713    -0.921472
-0.004160   -0.994720  -125.916731
0.57749    -7.061959  -110.341713    -0.921472
-0.004160   -0.608358   -80.258665
0.71833    -7.061959  -110.341713    -0.921472
-0.004160   -0.221948   -45.814156
0.85916    -7.061959  -110.341713    -0.921472
-0.004160   -0.236822   -29.113778
1.00000    -7.061959  -110.341713    -0.921472
-0.004160   -0.850829   -34.408844
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3194

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     13.382966       88.860352        2.515137
 0.006542    2.711754      139.297195
0.57749     13.382966       88.860352        2.515137
 0.006542    1.656859      103.344703
0.71833     13.382966       88.860352        2.515137
 0.006542    0.603320       74.580204
0.85916     13.382966       88.860352        2.515137
 0.006542    0.306816       71.035805
1.00000     13.382966       88.860352        2.515137
 0.006542    1.006026       91.613052

COMB     DL ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665   -11.164729  -127.689256    -1.677266
-0.003825   -1.808606  -158.725928
0.57749   -11.164729  -127.689256    -1.677266
-0.003825   -1.104899  -106.431629
0.71833   -11.164729  -127.689256    -1.677266
-0.003825   -0.402921   -65.284574
0.85916   -11.164729  -127.689256    -1.677266
-0.003825   -0.460579   -38.050274
1.00000   -11.164729  -127.689256    -1.677266
-0.003825   -1.511847   -32.454986

COMB     CAR ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     13.382966       88.860352        2.515137
 0.006542    2.711754      139.297195
0.57749     13.382966       88.860352        2.515137
 0.006542    1.656859      103.344703
0.71833     13.382966       88.860352        2.515137
 0.006542    0.603320       74.580204
0.85916     13.382966       88.860352        2.515137
 0.006542    0.306816       71.035805
1.00000     13.382966       88.860352        2.515137
 0.006542    1.006026       91.613052

COMB     CAR ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665   -11.164729  -127.689256    -1.677266
-0.004160   -1.808606  -158.725928
0.57749   -11.164729  -127.689256    -1.677266
-0.004160   -1.104899  -106.431629
0.71833   -11.164729  -127.689256    -1.677266
-0.004160   -0.402921   -65.284574
0.85916   -11.164729  -127.689256    -1.677266
-0.004160   -0.460579   -38.050274
1.00000   -11.164729  -127.689256    -1.677266
-0.004160   -1.511847   -32.454986

COMB   DESIGN ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.43665     13.382966       88.860352        2.515137
 0.006542    2.711754      139.297195
0.57749     13.382966       88.860352        2.515137
 0.006542    1.656859      103.344703
0.71833     13.382966       88.860352        2.515137
 0.006542    0.603320       74.580204
0.85916     13.382966       88.860352        2.515137
 0.006542    0.306816       71.035805
1.00000     13.382966       88.860352        2.515137
 0.006542    1.006026       91.613052

COMB   DESIGN ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.43665   -11.164729  -127.689256    -1.677266
-0.004160   -1.808606  -158.725928
0.57749   -11.164729  -127.689256    -1.677266
-0.004160   -1.104899  -106.431629
0.71833   -11.164729  -127.689256    -1.677266
-0.004160   -0.402921   -65.284574
0.85916   -11.164729  -127.689256    -1.677266
-0.004160   -0.460579   -38.050274
1.00000   -11.164729  -127.689256    -1.677266
-0.004160   -1.511847   -32.454986
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3195

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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COMB DB-G1-1 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     2.738983        2.773731        0.391407
0.000388    0.233081        6.097053
0.14084     2.738983        2.773731        0.391407
0.000388    0.068956       14.429885
0.28167     2.738983        2.773731        0.391407
0.000388    0.079977       22.858375
0.42251     2.736983        2.773731        0.391407
0.000388    0.215512       31.326082
0.56335     2.738983        2.773731        0.391407
0.000388    0.351041       39.808244

COMB DB-G1-1 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -0.721998   -20.251065    -0.323229
-0.000793   -0.191078    -6.434816
0.14084    -0.721998   -20.251065    -0.323229
-0.000793   -0.055498    -5.883997
0.28167    -0.721998   -20.251065    -0.323229
-0.000793   -0.095177    -5.633991
0.42251    -0.721998   -20.251065    -0.323229
-0.000793   -0.259288    -5.622065
0.56335    -0.721998   -20.251065    -0.323229
-0.000793   -0.423404    -6.242052

COMB DB-G1-2 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     6.089922        5.791634        0.746087
0.000707    0.441913       11.936848
0.14084     6.089922        5.791634        0.746087
0.000707    0.179322       25.318671
0.28167     6.089922        5.791634        0.746087
0.000707    0.133351       40.907464
0.42251     6.089922        5.791634        0.746087
0.000707    0.362689       57.529623
0.56335     6.089922        5.791634        0.746087
0.000707    0.592018       74.518681

COMB DB-G1-2 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -0.628417   -40.972082    -0.546977
-0.001518   -0.325472   -23.406627
0.14084    -0.628417   -40.972082    -0.546977
-0.001518   -0.096334   -18.723859
0.28167    -0.628417   -40.972082    -0.546977
-0.001518   -0.184332   -14.947889
0.42251    -0.628417   -40.972082    -0.546977
-0.001518   -0.497096   -12.252441
0.56335    -0.628417   -40.972082    -0.546977
-0.001518   -0.809920   -12.039947

COMB DB-G1-3 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     6.819417       19.579906        1.047050
 0.000489    0.619028       25.586138
0.14084     6.819417       19.579906        1.047050
 0.000489    0.180008       39.284309
0.28167     6.819417       19.579906        1.047050
 0.000489    0.178424       55.533593
0.42251     6.819417       19.579906        1.047050
 0.000489    0.486256       77.554886
0.56335     6.819417       19.579906        1.047050
 0.000489    0.793993      100.507791

COMB DB-G1-3 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -1.662625   -55.072193    -0.733957
-0.001747   -0.437077   -15.469440
0.14084    -1.662625   -55.072193    -0.733957
-0.001747   -0.129287   -12.856279
0.28167    -1.662625   -55.072193    -0.733957
-0.001747   -0.259096   -14.872861
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3196

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P              V2              V3
                    T              M2              M3
0.42251    -1.662625   -55.072193    -0.733957
-0.001747   -0.698066   -19.371533
0.56335    -1.662625   -55.072193    -0.733957
-0.001747   -1.137092   -25.538001

COMB DB-G1-4 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     7.039810       57.139555        1.184924
 0.002898    0.710552       76.733862
0.14084     7.039810       57.139555        1.184924
 0.002898    0.216872       85.323149
0.28167     7.039810       57.139555        1.184924
 0.002898    0.203781       96.008166
0.42251     7.039810       57.139555        1.184924
 0.002898    0.554511      122.771914
0.56335     7.039810       57.139555        1.184924
 0.002898    0.905155      154.480793

COMB DB-G1-4 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -5.091090   -76.590099    -0.836282
-0.004333   -0.497526   -15.257163
0.14084    -5.091090   -76.590099    -0.836282
-0.004333   -0.150413   -17.137006
0.28167    -5.091090   -76.590099    -0.836282
-0.004333   -0.292679   -22.889842
0.42251    -5.091090   -76.590099    -0.836282
-0.004333   -0.789433   -31.762696
0.56335    -5.091090   -76.590099    -0.836282
-0.004333   -1.286260   -51.666266

COMB DB-G2-1 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     3.778814        2.515601        0.424473
0.000102    0.249466        7.254059
0.14084     3.778814        2.515601        0.424473
0.000102    0.071543       12.635176
0.28167     3.778814        2.515601        0.424473
0.000102    0.062241       20.424711
0.42251     3.778814        2.515601        0.424473
0.000102    0.172665       30.475115
0.56335     3.778814        2.515601        0.424473
0.000102    0.283063       40.656030

COMB DB-G2-1 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -0.170059   -24.735971    -0.263327
-0.000661   -0.158690   -16.910524
0.14084    -0.170059   -24.735971    -0.263327
-0.000661   -0.048334   -12.702148
0.28167    -0.170059   -24.735971    -0.263327
-0.000661   -0.106580   -10.214742
0.42251    -0.170059   -24.735971    -0.263327
-0.000661   -0.284499    -8.687282
0.56335    -0.170059   -24.735971    -0.263327
-0.000661   -0.462473    -7.809090

COMB DB-G2-2 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     4.604179       61.553174        0.830019
 0.003105    0.502343       79.780790
0.14084     4.604179       61.553174        0.830019
 0.003105    0.158652       67.170217
0.28167     4.604179       61.553174        0.830019
 0.003105    0.127448       57.312523
0.42251     4.604179       61.553174        0.830019
 0.003105    0.349368       69.283512
0.56335     4.604179       61.553174        0.830019
 0.003105    0.571194       87.963432

COMB DB-G2-2 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -4.428739   -45.870394    -0.529072
-0.004784   -0.316256    -8.961206
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3197

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P              V2              V3
                    T              M2              M3
0.14084    -4.428739   -45.870394    -0.529072
-0.004784   -0.099308    -7.451727
 0.28167    -4.428739   -45.870394    -0.529072
-0.004784   -0.206697   -10.635242
 0.42251    -4.428739   -45.870394    -0.529072
-0.004784   -0.554680   -17.777250
 0.56335    -4.428739   -45.870394    -0.529072
-0.004784   -0.902705   -39.038416

COMB DB-G2-3 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     6.430761       57.353131        1.072005
 0.003088    0.644551       75.581090
0.14084     6.430761       57.353131        1.072005
 0.003088    0.199033       71.324476
0.28167     6.430761       57.353131        1.072005
 0.003088    0.174931       69.536671
0.42251     6.430761       57.353131        1.072005
 0.003088    0.476526       87.564468
0.56335     6.430761       57.353131        1.072005
 0.003088    0.778033      111.619437

COMB DB-G2-3 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -4.224629   -58.575073    -0.719095
-0.004926   -0.428102   -14.999386
0.14084    -4.224629   -58.575073    -0.719095
-0.004926   -0.130999   -12.924010
0.28167    -4.224629   -58.575073    -0.719095
-0.004926   -0.266189   -14.956432
0.42251    -4.224629   -58.575073    -0.719095
-0.004926   -0.715621   -20.405984
0.56335    -4.224629   -58.575073    -0.719095
-0.004926   -1.165111   -39.476671

COMB DB-G2-4 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     6.729366       61.342639        1.213666
 0.002704    0.725119       65.199670
0.14084     6.729366       61.342639        1.213666
 0.002704    0.218822       74.742073
0.28167     6.729366       61.342639        1.213666
 0.002704    0.211179       86.836595
0.42251     6.729366       61.342639        1.213666
 0.002704    0.575214      112.988972
0.56335     6.729366       61.342639        1.213666
 0.002704    0.939175      143.285451

COMB DB-G2-4 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -5.943229   -73.112110    -0.868041
-0.003746   -0.516756   -17.736968
0.14084    -5.943229   -73.112110    -0.868041
-0.003746   -0.155640   -23.315983
0.28167    -5.943229   -73.112110    -0.868041
-0.003746   -0.300433   -33.750502
0.42251    -5.943229   -73.112110    -0.868041
-0.003746   -0.809227   -46.490224
0.56335    -5.943229   -73.112110    -0.868041
-0.003746   -1.318113   -68.509466

COMB DB-G3-1 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     1.130816       42.493465        0.496319
 0.001218    0.294555       51.102412
0.14084     1.130816       42.493465        0.496319
 0.001218    0.086914        3.070543
0.28167     1.130816       42.493465        0.496319
 0.001218    0.115933        4.288245
0.42251     1.130816       42.493465        0.496319
 0.001218    0.315530        5.593283
0.56335     1.130816       42.493465        0.496319
 0.001218    0.515122        7.030404
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3198

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -5.147414       -6.785739       -0.476013
-0.000468   -0.283246      -12.134542
0.14084    -5.147414       -6.785739       -0.476013
-0.000468   -0.083620      -29.145423
0.28167    -5.147414       -6.785739       -0.476013
-0.000468   -0.121748      -46.501637
0.42251    -5.147414       -6.785739       -0.476013
-0.000468   -0.329842      -64.106191
0.56335    -5.147414       -6.785739       -0.476013
-0.000468   -0.537948      -81.809008

COMB DB-G3-2 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     2.153960      106.665254        0.860258
 0.004976    0.525870       82.579577
0.14084     2.153960      106.665254        0.860258
 0.004976    0.175401       62.122176
0.28167     2.153960      106.665254        0.860258
 0.004976    0.175785       47.720914
0.42251     2.153960      106.665254        0.860258
 0.004976    0.477224       52.884358
0.56335     2.153960      106.665254        0.860258
 0.004976    0.778644       66.296713

COMB DB-G3-2 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000   -10.107497   -33.306700    -0.718869
-0.005265   -0.427047   -13.095618
0.14084   -10.107497   -33.306700    -0.718869
-0.005265   -0.131541   -31.371013
0.28167   -10.107497   -33.306700    -0.718869
-0.005265   -0.211378   -50.656611
0.42251   -10.107497   -33.306700    -0.718869
-0.005265   -0.572048   -74.031094
0.56335   -10.107497   -33.306700    -0.718869
-0.005265   -0.932753   -114.161356

COMB DB-G3-3 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     4.452419       91.756448        1.142998
 0.003704    0.686994       67.885611
0.14084     4.452419       91.756448        1.142998
 0.003704    0.211278       60.155911
0.28167     4.452419       91.756448        1.142998
 0.003704    0.213129       56.234092
0.42251     4.452419       91.756448        1.142998
 0.003704    0.581444       71.239365
0.56335     4.452419       91.756448        1.142998
 0.003704    0.949676       91.790814

COMB DB-G3-3 ------------------ MIN

REL DIST            P              V2              V3
                    T              M2              M3
0.00000    -8.762765   -50.087937    -0.878212
-0.004321   -0.523286   -12.655899
0.14084    -8.762765   -50.087937    -0.878212
-0.004321   -0.159062   -29.341869
0.28167    -8.762765   -50.087937    -0.878212
-0.004321   -0.228241   -50.030606
0.42251    -8.762765   -50.087937    -0.878212
-0.004321   -0.761628   -74.274754
0.56335    -8.762765   -50.087937    -0.878212
-0.004321   -1.240885   -109.684017

COMB DB-G3-4 ------------------ MAX

REL DIST            P              V2              V3
                    T              M2              M3
0.00000     6.185534       77.864913        1.236923
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 0.003292    0.739965   59.177484
 0.14084     6.185534   77.864913    1.236923
 0.003292    0.224336   58.398772
 0.28167     6.185534   77.864913    1.236923
 0.003292    0.224684   61.749054
 0.42251     6.185534   77.864913    1.236923
 0.003292    0.612546   80.779991
 0.56335     6.185534   77.864913    1.236923
 0.003292    1.000332  104.518194
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3199

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -7.488291  -57.682430   -0.924867
-0.004087   -0.550918  -21.427037
 0.14084   -7.488291  -57.682430   -0.924867
-0.004087   -0.166434  -32.832425
 0.28167   -7.488291  -57.682430   -0.924867
-0.004087   -0.306365  -48.074230
 0.42251   -7.488291  -57.682430   -0.924867
-0.004087   -0.824928  -66.257215
 0.56335   -7.488291  -57.682430   -0.924867
-0.004087   -1.343568  -94.972546

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    5.014132    4.067370    0.824705
 0.000362   0.489515   11.824982
 0.14084    5.014132    4.067370    0.824705
 0.000362   0.143714   24.715053
 0.28167    5.014132    4.067370    0.824705
 0.000362   0.165169   37.946827
 0.42251    5.014132    4.067370    0.824705
 0.000362   0.442970   51.311750
 0.56335    5.014132    4.067370    0.824705
 0.000362   0.720458   64.801310

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.961259  -33.325971   -0.661745
-0.000909   -0.387939   -7.812206
 0.14084   -0.961259  -33.325971   -0.661745
-0.000909   -0.110420   -7.882356
 0.28167   -0.961259  -33.325971   -0.661745
-0.000909   -0.202155   -8.329454
 0.42251   -0.961259  -33.325971   -0.661745
-0.000909   -0.547891   -9.041893
 0.56335   -0.961259  -33.325971   -0.661745
-0.000909   -0.893710   -9.920816

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.197096    6.739849    1.498476
 0.000598   0.883633   19.146550
 0.14084   11.197096    6.739849    1.498476
 0.000598   0.255582   42.606004
 0.28167   11.197096    6.739849    1.498476
 0.000598   0.264710   68.345793
 0.42251   11.197096    6.739849    1.498476
 0.000598   0.718268   95.094144
 0.56335   11.197096    6.739849    1.498476
 0.000598   1.172617  122.699099

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -1.082264  -69.592404   -1.082304
-0.001575   -0.640219  -24.917150
 0.14084   -1.082264  -69.592404   -1.082304
-0.001575   -0.186773  -20.171482
 0.28167   -1.082264  -69.592404   -1.082304
-0.001575   -0.373585  -17.611542
 0.42251   -1.082264  -69.592404   -1.082304
-0.001575   -1.001860  -16.809185
 0.56335   -1.082264  -69.592404   -1.082304
-0.001575   -1.630065  -17.255932

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.880128   18.830336    1.925578
 0.000454   0.072753   39.877453
 0.14084   11.880128   18.830336    1.925578
 0.000454   0.327481   67.289693
 0.28167   11.880128   18.830336    1.925578
 0.000454   0.321761   97.791866
 0.42251   11.880128   18.830336    1.925578
 0.000454   0.874150  131.340292
 0.56335   11.880128   18.830336    1.925578
 0.000454   1.427393  166.000927
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3200

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -2.022304  -86.580415   -1.317896
-0.001776   -0.780647  -18.326099
 0.14084   -2.022304  -86.580415   -1.317896
-0.001776   -0.228609  -15.460571
 0.28167   -2.022304  -86.580415   -1.317896
-0.001776   -0.479680  -18.216918
 0.42251   -2.022304  -86.580415   -1.317896
-0.001776   -1.286902  -22.752454
 0.56335   -2.022304  -86.580415   -1.317896
-0.001776   -2.094039  -28.076645

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.119364   57.595672    2.233759
 0.002195   1.329751   83.321570
 0.14084   11.119364   57.595672    2.233759
 0.002195   1.094751  104.709955
 0.28167   11.119364   57.595672    2.233759
 0.002195   0.379838  129.194261
 0.42251   11.119364   57.595672    2.233759
 0.002195   1.029209  163.777564
 0.56335   11.119364   57.595672    2.233759
 0.002195   1.680083  204.030665

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -6.232610 -101.027470   -1.551089
-0.003783   -0.919458  -18.043094
 0.14084   -6.232610 -101.027470   -1.551089
-0.003783   -0.273551  -21.389892
 0.28167   -6.232610 -101.027470   -1.551089
-0.003783   -0.551005   -29.955324
 0.42251   -6.232610 -101.027470   -1.551089
-0.003783   -1.486702  -41.634483
 0.56335   -6.232610 -101.027470   -1.551089
-0.003783   -2.423218  -62.905198

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.338065    3.053203    0.741059
 8.10E-05   0.433212    9.941658
 0.14084    6.338065    3.053203    0.741059
 8.10E-05   0.122925   21.560650
 0.28167    6.338065    3.053203    0.741059
 8.10E-05   0.104560   35.568530
 0.42251    6.338065    3.053203    0.741059
 8.10E-05   0.289891   50.694606
 0.56335    6.338065    3.053203    0.741059
 8.10E-05   0.475457   66.318447

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.287510  -39.709237   -0.442628
-0.000678   -0.266089  -16.485866
 0.14084   -0.287510  -39.709237   -0.442628
-0.000678   -0.080746  -11.948173
 0.28167   -0.287510  -39.709237   -0.442628
-0.000678   -0.188817   -9.431046
 0.42251   -0.287510  -39.709237   -0.442628
-0.000678   -0.499272   -8.510044
 0.56335   -0.287510  -39.709237   -0.442628
-0.000678   -0.809998   -8.258574

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    7.190666   55.894370    1.387271
 0.002371   0.831654   84.952386
 0.14084    7.190666   55.894370    1.387271
 0.002371   0.252660   84.539226
 0.28167    7.190666   55.894370    1.387271
 0.002371   0.206309   86.905815
 0.42251    7.190666   55.894370    1.387271
 0.002371   0.563058  103.726247
 0.56335    7.190666   55.894370    1.387271
 0.002371   0.921387  128.620653
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3201

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.537423  -64.498402   -0.854657
-0.004287   -0.511547   -9.691465
 0.14084   -4.537423  -64.498402   -0.854657
-0.004287   -0.159720   -7.726059
 0.28167   -4.537423  -64.498402   -0.854657
-0.004287   -0.344901  -10.669547
 0.42251   -4.537423  -64.498402   -0.854657
-0.004287   -0.925095  -17.363488
 0.56335   -4.537423  -64.498402   -0.854657
-0.004287   -1.506872  -38.436995

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.287953   52.943574    1.919785
 0.002398   1.144739   83.463191
 0.14084   11.287953   52.943574    1.919785
 0.002398   0.342064   94.439544
 0.28167   11.287953   52.943574    1.919785
 0.002398   0.307375  108.175965
 0.42251   11.287953   52.943574    1.919785
 0.002398   0.480503  135.140737
 0.56335   11.287953   52.943574    1.919785
 0.002398   1.366733  169.350383

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.490633  -87.887221   -1.264647
-0.004543   -0.752575  -16.451656
 0.14084   -4.490633  -87.887221   -1.264647
-0.004543   -0.228412  -14.301729
 0.28167   -4.490633  -87.887221   -1.264647
-0.004543   -0.477312  -16.667286
 0.42251   -4.490633  -87.887221   -1.264647
-0.004543   -1.280991  -22.362235
 0.56335   -4.490633  -87.887221   -1.264647
-0.004543   -2.086000  -41.130007

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   10.626428   69.887407    2.326717
 0.002212   1.382732   69.702660
 0.14084   10.626428   69.887407    2.326717
 0.002212   0.408302   91.274940
 0.28167   10.626428   69.887407    2.326717
 0.002212   0.388339  115.579842
 0.42251   10.626428   69.887407    2.326717
 0.002212   1.055980  148.706920
 0.56335   10.626428   69.887407    2.326717
 0.002212   1.724766  186.497945

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -7.895668  -95.003504   -1.594119
-0.003292   -0.947346  -21.287121
 0.14084   -7.895668  -95.003504   -1.594119
-0.003292   -0.582405  -20.765794
 0.28167   -7.895668  -95.003504   -1.594119
-0.003292   -0.574282  -48.660407
 0.42251   -7.895668  -95.003504   -1.594119
-0.003292   -1.549185  -67.083224
 0.56335   -7.895668  -95.003504   -1.594119
-0.003292   -2.525091  -93.592165

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    1.176097   72.789073    1.181971
 0.001381   0.760286   72.735722
 0.14084    1.176097   72.789073    1.181971
 0.001381   0.206896    4.061864
 0.28167    1.176097   72.789073    1.181971
 0.001381   0.218695    5.580874
 0.42251    1.176097   72.789073    1.181971
 0.001381   0.594050    7.579659
 0.56335    1.176097   72.789073    1.181971
 0.001381   0.969358   10.849896
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3202

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -8.776882   -8.956211   -0.895008
-0.000434   -0.531600  -28.498304
 0.14084   -8.776882   -8.956211   -0.895008
-0.000434   -0.156237   -57.571847
 0.28167   -8.776882   -8.956211   -0.895008
-0.000434   -0.286584   -86.857644
 0.42251   -8.776882   -8.956211   -0.895008
-0.000434   -0.782072  -116.811211
 0.56335   -8.776882   -8.956211   -0.895008
-0.000434   -1.278488  -147.089698

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    2.201529  139.995778    1.844812
 0.004676   1.117496   91.650546
 0.14084    2.201529  139.995778    1.844812
 0.004676   0.347292   73.436540
 0.28167    2.201529  139.995778    1.844812
 0.004676   0.331869   58.654022
 0.42251    2.201529  139.995778    1.844812
 0.004676   0.896495   61.102441
 0.56335    2.201529  139.995778    1.844812
 0.004676   1.462993   74.365836

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -14.493916  -35.830509   -1.351273
-0.005340   -0.803305  -26.782721
 0.14084  -14.493916  -35.830509   -1.351273
-0.005340   -0.245214   -57.179073
 0.28167  -14.493916  -35.830509   -1.351273
-0.005340   -0.445276   -89.149977
 0.42251  -14.493916  -35.830509   -1.351273
-0.005340   -1.216569  -126.714612
 0.56335  -14.493916  -35.830509   -1.351273
-0.005340   -1.991210  -183.737265

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    5.790843  120.976840    2.233093
 0.003632   1.337806   80.966678
 0.14084    5.790843  120.976840    2.233093
 0.003632   0.403802   79.431376
 0.28167    5.790843  120.976840    2.233093
 0.003632   0.375579   81.105434
 0.42251    5.790843  120.976840    2.233093
 0.003632   1.020614   97.306095
 0.56335    5.790843  120.976840    2.233093
 0.003632   1.666779  121.210995

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -12.745237  -61.091833   -1.541337
-0.004462   -0.918291  -25.686621
 0.14084  -12.745237  -61.091833   -1.541337
-0.004462   -0.278022   -53.460825
 0.28167  -12.745237  -61.091833   -1.541337
-0.004462   -0.546076   -84.989913
 0.42251  -12.745237  -61.091833   -1.541337
-0.004462   -1.481031  -119.721605
 0.56335  -12.745237  -61.091833   -1.541337
-0.004462   -2.418209  -168.797892

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    9.754863  102.656627    2.430567
 0.003212   1.448801   72.473930
 0.14084    9.754863  102.656627    2.430567
 0.003212   0.431833   80.662164
 0.28167    9.754863  102.656627    2.430567
 0.003212   0.406027   92.628711
 0.42251    9.754863  102.656627    2.430567
 0.003212   1.104816  116.929931
 0.56335    9.754863  102.656627    2.430567
 0.003212   1.805135  147.955392
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3203

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.918332  -79.381630   -1.669785
-0.004254   -0.994219  -32.432329
 0.14084  -10.918332  -79.381630   -1.669785
-0.004254   -0.299607  -52.998330
 0.28167  -10.918332  -79.381630   -1.669785
-0.004254   -0.598969   -77.776618
 0.42251  -10.918332  -79.381630   -1.669785
-0.004254   -1.616891  -105.781809
 0.56335  -10.918332  -79.381630   -1.669785
-0.004254   -2.636814  -146.009360

COMB DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    7.039810  106.665254    1.236923
 0.004976   0.739965   82.579577
 0.14084    7.039810  106.665254    1.236923
 0.004976   0.224336   85.323149
 0.28167    7.039810  106.665254    1.236923
 0.004976   0.224684   96.008166
 0.42251    7.039810  106.665254    1.236923
 0.004976   0.612546  127.719114
 0.56335    7.039810  106.665254    1.236923
 0.004976   1.000332  154.480793

COMB DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.107497  -76.590099   -0.924867
-0.005265   -0.550918  -23.406627
 0.14084  -10.107497  -76.590099   -0.924867
-0.005265   -0.166434  -32.832425
 0.28167  -10.107497  -76.590099   -0.924867
-0.005265   -0.306365   -50.656611
 0.42251  -10.107497  -76.590099   -0.924867
-0.005265   -0.824928   -74.274754
 0.56335  -10.107497  -76.590099   -0.924867
-0.005265   -1.343568  -114.161356

COMB DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.880128  139.995778    2.430567
 0.004676   1.448801   91.650546
 0.14084   11.880128  139.995778    2.430567
 0.004676   0.431833  104.709955
 0.28167   11.880128  139.995778    2.430567
 0.004676   0.406027  129.194261
 0.42251   11.880128  139.995778    2.430567
 0.004676   1.104816  163.777564
 0.56335   11.880128  139.995778    2.430567
 0.004676   1.805135  204.030665

COMB DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -14.493916 -101.027470   -1.669785
-0.005340   -0.994219  -32.432329
 0.14084  -14.493916 -101.027470   -1.669785
-0.005340   -0.299607  -57.571847
 0.28167  -14.493916 -101.027470   -1.669785
-0.005340   -0.598969   -89.149977
 0.42251  -14.493916 -101.027470   -1.669785
-0.005340   -1.616891  -126.714612
 0.56335  -14.493916 -101.027470   -1.669785
-0.005340   -2.636814  -183.737265

COMB CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.880128  139.995778    2.430567
 0.004976   1.448801   91.650546
 0.14084   11.880128  139.995778    2.430567
 0.004976   0.431833  104.709955
 0.28167   11.880128  139.995778    2.430567
 0.004976   0.406027  129.194261
 0.42251   11.880128  139.995778    2.430567
 0.004976   1.104816  163.777564
 0.56335   11.880128  139.995778    2.430567
 0.004976   1.805135  204.030665
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3204

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -14.493916 -101.027470   -1.669785
-0.005340   -0.994219  -32.432329
 0.14084  -14.493916 -101.027470   -1.669785
-0.005340   -0.299607  -57.571847
 0.28167  -14.493916 -101.027470   -1.669785
-0.005340   -0.598969   -89.149977
 0.42251  -14.493916 -101.027470   -1.669785
-0.005340   -1.616891  -126.714612
 0.56335  -14.493916 -101.027470   -1.669785
-0.005340   -2.636814  -183.737265

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.880128  139.995778    2.430567
 0.004976   1.448801   91.650546
 0.14084   11.880128  139.995778    2.430567
 0.004976   0.431833  104.709955
 0.28167   11.880128  139.995778    2.430567
 0.004976   0.406027  129.194261
 0.42251   11.880128  139.995778    2.430567
 0.004976   1.104816  163.777564
 0.56335   11.880128  139.995778    2.430567
 0.004976   1.805135  204.030665

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -14.493916 -101.027470   -1.669785
-0.005340   -0.994219  -32.432329
 0.14084  -14.493916 -101.027470   -1.669785
-0.005340   -0.299607  -57.571847
 0.28167  -14.493916 -101.027470   -1.669785
-0.005340   -0.598969   -89.149977
 0.42251  -14.493916 -101.027470   -1.669785
-0.005340   -1.616891  -126.714612
 0.56335  -14.493916 -101.027470   -1.669785
-0.005340   -2.636814  -183.737265

ELEM      300 ================== LENGTH
=     2.977394

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43662    2.835915    2.472744    0.388732
 0.000772   0.406371    4.726074
 0.57747    2.835915    2.472744    0.388732
 0.000772   0.243357    4.036507
 0.71831    2.835915    2.472744    0.388732
 0.000772   0.080331    3.349692
 0.85916    2.835915    2.472744    0.388732
 0.000772   0.075029    2.692934
 1.00000    2.835915    2.472744    0.388732
 0.000772   0.224915    7.128727

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43662   -1.438193  -18.514000   -0.357333
-0.000834   -0.374474  -30.349716
 0.57747   -1.438193  -18.514000   -0.357333
-0.000834   -0.224627  -22.676267
 0.71831   -1.438193  -18.514000   -0.357333
-0.000834   -0.074762  -15.087698
 0.85916   -1.438193  -18.514000   -0.357333
-0.000834   -0.082659   -7.851471
 1.00000   -1.438193  -18.514000   -0.357333
-0.000834   -0.245685   -2.579806

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43662    8.238721    3.887452    0.712354
 0.001392   0.746939    7.860153
 0.57747    8.238721    3.887452    0.712354
 0.001392   0.448415    6.672417
 0.71831    8.238721    3.887452    0.712354
 0.001392   0.149767    5.556704
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                   3205

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.85916    8.238721    3.887452    0.712354
 0.001392   0.133601    5.228630
 1.00000    8.238721    3.887452    0.712354
 0.001392   0.401199   13.419435

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43662   -0.962641  -37.915577   -0.638421
-0.001464   -0.669686  -68.540746
 0.57747   -0.962641  -37.915577   -0.638421
-0.001464   -0.401967  -53.470714
 0.71831   -0.962641  -37.915577   -0.638421
-0.001464   -0.134196  -39.409073
 0.85916   -0.962641  -37.915577   -0.638421
-0.001464   -0.150798  -26.534444
 1.00000   -0.962641  -37.915577   -0.638421
-0.001464   -0.449570  -16.128648

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43662    8.796689    4.126923    0.992470
 0.001018   1.040930    9.016878
 0.57747    8.796689    4.126923    0.992470
 0.001018   0.624739    7.664092
 0.71831    8.796689    4.126923    0.992470
 0.001018   0.208447    6.313949
 0.85916    8.796689    4.126923    0.992470
 0.001018   0.184754    6.158097
 1.00000    8.796689    4.126923    0.992470
 0.001018   0.555620   19.920062

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43662   -1.004030  -47.868176   -0.884097
-0.001074   -0.927358  -73.496362
 0.57747   -1.004030  -47.868176   -0.884097
-0.001074   -0.556614  -53.818294
 0.71831   -1.004030  -47.868176   -0.884097
-0.001074   -0.185758  -34.771296
 0.85916   -1.004030  -47.868176   -0.884097
-0.001074   -0.209282  -17.444604
 1.00000   -1.004030  -47.868176   -0.884097
-0.001074   -0.625209   -9.626843

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43662    8.859969   16.583408    1.116391
 0.003240   1.170357   26.497136
 0.57747    8.859969   16.583408    1.116391
 0.003240   0.702200   20.332007
 0.71831    8.859969   16.583408    1.116391
 0.003240   0.233917   15.619009
 0.85916    8.859969   16.583408    1.116391
 0.003240   0.214956   27.697473
 1.00000    8.859969   16.583408    1.116391
 0.003240   0.633105   61.658058

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43662   -3.479920  -95.254852   -1.006466
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-0.003279   -1.055137  -109.069184
0.57747     -3.479920   -95.254852     -1.006466
-0.003279   -0.633077   -69.479081
0.71831     -3.479920   -95.254852     -1.006466
-0.003279   -0.210887   -33.698041
0.85916     -3.479920   -95.254852     -1.006466
-0.003279   -0.235535   -15.449801
1.00000     -3.479920   -95.254852     -1.006466
-0.003279   -0.703418   -11.715283

COMB DB-G2-1 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     5.664697    1.244678    0.401499
0.000457    0.420722    3.187212
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3206

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P          V2          V3
       T         M2         M3
0.57747     5.664697    1.244678    0.401499
0.000457    0.252353    2.689710
0.71831     5.664697    1.244678    0.401499
0.000457    0.093917    2.197013
0.85916     5.664697    1.244678    0.401499
0.000457    0.069549    1.754224
1.00000     5.664697    1.244678    0.401499
0.000457    0.209989    6.241936

COMB DB-G2-1 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -0.340265   -20.439282   -0.334755
-0.000462   -0.351533   -40.457501
0.57747    -0.340265   -20.439282   -0.334755
-0.000462   -0.211154   -32.755997
0.71831    -0.340265   -20.439282   -0.334755
-0.000462   -0.070704   -26.513858
0.85916    -0.340265   -20.439282   -0.334755
-0.000462   -0.084301   -20.590253
1.00000    -0.340265   -20.439282   -0.334755
-0.000462   -0.252751   -14.778772

COMB DB-G2-2 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     8.012081    7.093066    0.780469
0.003001    0.817819   10.396140
0.57747     8.012081    7.093066    0.780469
0.003001    0.490530    8.002348
0.71831     8.012081    7.093066    0.780469
0.003001    0.163152    7.461815
0.85916     8.012081    7.093066    0.780469
0.003001    0.147340   28.438240
1.00000     8.012081    7.093066    0.780469
0.003001    0.426496   59.113489

COMB DB-G2-2 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -1.845031   -80.145257   -0.678686
-0.003004   -0.678226   -1.930
0.57747    -1.845031   -80.145257   -0.678686
-0.003004   -0.427324   -49.451278
0.71831    -1.845031   -80.145257   -0.678686
-0.003004   -0.142603   -21.194277
0.85916    -1.845031   -80.145257   -0.678686
-0.003004   -0.164043   -10.845871
1.00000    -1.845031   -80.145257   -0.678686
-0.003004   -0.491336   -10.567176

COMB DB-G2-3 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    10.128625    8.200854    1.013829
 0.003288   1.062841   12.924446
0.57747    10.128625    8.200854    1.013829
 0.003288   0.637695   10.245611
0.71831    10.128625    8.200854    1.013829
 0.003288   0.212387    9.241579
0.85916    10.128625    8.200854    1.013829
 0.003288   0.211535   27.615909
1.00000    10.128625    8.200854    1.013829
 0.003288   0.560998   58.545461

COMB DB-G2-3 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -2.094197   -87.713597   -0.892677
-0.003324   -0.936375   -99.678238
0.57747    -2.094197   -87.713597   -0.892677
-0.003324   -0.562032   -63.297785
0.71831    -2.094197   -87.713597   -0.892677
-0.003324   -0.187576   -31.454971
0.85916    -2.094197   -87.713597   -0.892677
-0.003324   -0.212599   -16.427295
1.00000    -2.094197   -87.713597   -0.892677
-0.003324   -0.637758   -12.696023
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3207

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     8.269717   25.592556    1.153060
 0.002877   1.208375   39.104266
0.57747     8.269717   25.592556    1.153060
 0.002877   0.724842   28.948779
0.71831     8.269717   25.592556    1.153060
 0.002877   0.241165   19.957106
0.85916     8.269717   25.592556    1.153060
 0.002877   0.220178   24.513731
1.00000     8.269717   25.592556    1.153060
 0.002877   0.651004   52.112335

COMB DB-G2-4 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -4.536459   -81.216251   -1.034953
-0.002884   -1.085016   -93.606002
0.57747    -4.536459   -81.216251   -1.034953
-0.002884   -0.651011   -59.990672
0.71831    -4.536459   -81.216251   -1.034953
-0.002884   -0.216910   -29.567529
0.85916    -4.536459   -81.216251   -1.034953
-0.002884   -0.242186   -14.078758
1.00000    -4.536459   -81.216251   -1.034953
-0.002884   -0.725768   -14.246260

COMB DB-G3-1 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     0.145588   40.557549    0.543740
 0.000906   0.569342   56.501915
0.57747     0.145588   40.557549    0.543740
 0.000906   0.341325   39.510070
0.71831     0.145588   40.557549    0.543740
 0.000906   0.113295   22.527077
0.85916     0.145588   40.557549    0.543740
 0.000906   0.109806    5.559541
1.00000     0.145588   40.557549    0.543740
 0.000906   0.328075    1.533332

COMB DB-G3-1 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -5.344278   -3.604579   -0.520470
-0.000865   -0.544959   -4.860299
0.57747    -5.344278   -3.604579   -0.520470
-0.000865   -0.326700   -3.369010
0.71831    -5.344278   -3.604579   -0.520470
-0.000865   -0.108424   -1.962324
0.85916    -5.344278   -3.604579   -0.520470
-0.000865   -0.114693   -0.880085
1.00000    -5.344278   -3.604579   -0.520470
-0.000865   -0.342724   -12.170941

COMB DB-G3-2 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     2.691827   52.541933    0.875178
 0.004409   0.916524   78.245051
0.57747     2.691827   52.541933    0.875178
 0.004409   0.549519   57.090776
0.71831     2.691827   52.541933    0.875178
 0.004409   0.182487   38.197904
0.85916     2.691827   52.541933    0.875178
 0.004409   0.180863   44.175508
1.00000     2.691827   52.541933    0.875178
 0.004409   0.520373   62.954213

COMB DB-G3-2 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -8.596808   -68.687267   -0.825641
-0.004377   -0.864555   -55.024776
0.57747    -8.596808   -68.687267   -0.825641
-0.004377   -0.518323   -26.414611
0.71831    -8.596808   -68.687267   -0.825641
-0.004377   -0.172049   -3.603141
0.85916    -8.596808   -68.687267   -0.825641
-0.004377   -0.184670   -2.447918
1.00000    -8.596808   -68.687267   -0.825641
-0.004377   -0.551496   -15.940701
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3208

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     5.241177   44.211141    1.133645
 0.003262   1.187454   62.235651
0.57747     5.241177   44.211141    1.133645
 0.003262   0.712062   44.164752
0.71831     5.241177   44.211141    1.133645
 0.003262   0.236587   27.646674
0.85916     5.241177   44.211141    1.133645
 0.003262   0.222388   29.163337
1.00000     5.241177   44.211141    1.133645
 0.003262   0.652442   49.657269

COMB DB-G3-3 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -6.703034   -66.792920   -1.036427
-0.003233   -1.086056   -64.782734
0.57747    -6.703034   -66.792920   -1.036427
-0.003233   -0.651432   -36.833840
0.71831    -6.703034   -66.792920   -1.036427
-0.003233   -0.216700   -12.607380
0.85916    -6.703034   -66.792920   -1.036427
-0.003233   -0.238713   -3.323136
1.00000    -6.703034   -66.792920   -1.036427
-0.003233   -0.714115   -14.468233

COMB DB-G3-4 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     8.107618   38.099092    1.216956
 0.003184   1.275029   54.578249
0.57747     8.107618   38.099092    1.216956
 0.003184   0.764703   39.124287
0.71831     8.107618   38.099092    1.216956
 0.003184   0.254254   24.954815
0.85916     8.107618   38.099092    1.216956
 0.003184   0.234012   25.787050
1.00000     8.107618   38.099092    1.216956
 0.003184   0.690629   45.275510

COMB DB-G3-4 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -5.902662   -69.223144   -1.097763
-0.003178   -1.150753   -83.150658
0.57747    -5.902662   -69.223144   -1.097763
-0.003178   -0.690408   -50.698675
0.71831    -5.902662   -69.223144   -1.097763
-0.003178   -0.229956   -25.635105
0.85916    -5.902662   -69.223144   -1.097763
-0.003178   -0.255926   -13.638079
1.00000    -5.902662   -69.223144   -1.097763
-0.003178   -0.766287   -19.509036

COMB DL-G1-1 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     4.720215    4.118580    0.839976
0.000798    0.879657    8.233570
0.57747     4.720215    4.118580    0.839976
0.000798    0.527441    6.727042
0.71831     4.720215    4.118580    0.839976
0.000798    0.175222    5.289165
0.85916     4.720215    4.118580    0.839976
0.000798    0.157516    4.180019
1.00000     4.720215    4.118580    0.839976
0.000798    0.471551   12.461013

COMB DL-G1-1 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -1.822562   -39.129940   -0.748898
-0.000952   -0.783239   -60.268150
0.57747    -1.822562   -39.129940   -0.748898
-0.000952   -0.468778   -43.963354
0.71831    -1.822562   -39.129940   -0.748898
-0.000952   -0.154667   -27.763755
0.85916    -1.822562   -39.129940   -0.748898
-0.000952   -0.176992   -12.033979
1.00000    -1.822562   -39.129940   -0.748898
-0.000952   -0.529319   -4.489827
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3209

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    14.746640   6.251986    1.515682
 0.001352   1.586700   12.478106
0.57747    14.746640   6.251986    1.515682
 0.001352   0.951192   10.138069
0.71831    14.746640   6.251986    1.515682
 0.001352   0.315931    7.957785
0.85916    14.746640   6.251986    1.515682
 0.001352   0.261718    6.666291
1.00000    14.746640   6.251986    1.515682
 0.001352   0.785000   20.585005

COMB DL-G1-2 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -1.671069   -79.533158   -1.248459
-0.001556   -1.306242  -135.407222
0.57747    -1.671069   -79.533158   -1.248459
-0.001556   -0.782778  -102.227461
0.71831    -1.671069   -79.533158   -1.248459
-0.001556   -0.259590   -69.274075
0.85916    -1.671069   -79.533158   -1.248459
-0.001556   -0.320166   -37.349812
1.00000    -1.671069   -79.533158   -1.248459
-0.001556   -0.955800   -18.435746

COMB DL-G1-3 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    15.730527    7.311893    1.938663
 0.001063   2.029620   15.870269
0.57747    15.730527    7.311893    1.938663
 0.001063   1.216583   13.074215
0.71831    15.730527    7.311893    1.938663
 0.001063   0.404241   10.394620
0.85916    15.730527    7.311893    1.938663
 0.001063   0.328177   11.446117
1.00000    15.730527    7.311893    1.938663
 0.001063   0.984640   36.658993

COMB DL-G1-3 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -1.874037   -98.035397   -1.565715
-0.001243   -1.639225  -145.731871
0.57747    -1.874037   -98.035397   -1.565715
-0.001243   -0.982575  -104.788155
0.71831    -1.874037   -98.035397   -1.565715
-0.001243   -0.326339   -63.997629
0.85916    -1.874037   -98.035397   -1.565715
-0.001243   -0.408452   -27.760709
1.00000    -1.874037   -98.035397   -1.565715
-0.001243   -1.221191   -13.271551

COMB DL-G1-4 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    14.705738   26.357190    2.238047
 0.002707   2.342442   46.417537
0.57747    14.705738   26.357190    2.238047
 0.002707   1.403516   35.932552
0.71831    14.705738   26.357190    2.238047
 0.002707   0.466260   27.687418
0.85916    14.705738   26.357190    2.238047
 0.002707   0.393201   37.529848
1.00000    14.705738   26.357190    2.238047
 0.002707   1.164599   75.564528

COMB DL-G1-4 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -5.402545  -134.978605   -1.849164
-0.002816   -1.935137  -168.753358
0.57747    -5.402545  -134.978605   -1.849164
-0.002816   -1.159568  -112.624669
0.71831    -5.402545  -134.978605   -1.849164
-0.002816   -0.384978   -59.445662
0.85916    -5.402545  -134.978605   -1.849164
-0.002816   -0.473636   -24.362972
1.00000    -5.402545  -134.978605   -1.849164
-0.002816   -1.240983   -14.961414
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3210

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    10.547587    1.921813    0.744611
 0.000401   0.779433    4.413477
0.57747    10.547587    1.921813    0.744611
 0.000401   0.467179    3.640137
0.71831    10.547587    1.921813    0.744611
 0.000401   0.155080    2.887298
0.85916    10.547587    1.921813    0.744611
 0.000401   0.111965    2.399671
1.00000    10.547587    1.921813    0.744611
 0.000401   0.337578    9.922995

COMB DL-G2-1 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -0.555289   -43.786795   -0.538028
-0.000423   -0.564094   -81.114915
0.57747    -0.555289   -43.786795   -0.538028
-0.000423   -0.338537   -62.830969
0.71831    -0.555289   -43.786795   -0.538028
-0.000423   -0.112990   -44.569267
0.85916    -0.555289   -43.786795   -0.538028
-0.000423   -0.157576   -26.577094
1.00000    -0.555289   -43.786795   -0.538028
-0.000423   -0.469684   -14.838981

COMB DL-G2-2 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    12.996508    8.337107    1.386039
 0.002388   1.449502   15.487360
0.57747    12.996508    8.337107    1.386039
 0.002388   0.868198   12.369215
0.71831    12.996508    8.337107    1.386039
 0.002388   0.288414   12.206355
0.85916    12.996508    8.337107    1.386039
 0.002388   0.230917   35.392044
1.00000    12.996508    8.337107    1.386039
 0.002388   0.671487   75.225284

COMB DL-G2-2 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -2.241409  -112.702242   -1.065402
-0.002394   -1.114888  -128.397175
0.57747    -2.241409  -112.702242   -1.065402
-0.002394   -0.668235   -79.533214
0.71831    -2.241409  -112.702242   -1.065402
-0.002394   -0.222757   -36.716866
0.85916    -2.241409  -112.702242   -1.065402
-0.002394   -0.296230   -15.051002
1.00000    -2.241409  -112.702242   -1.065402
-0.002394   -0.874029   -10.648640

COMB DL-G2-3 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    17.708897   10.471133    1.926455
 0.002756   2.015720   19.710799
0.57747    17.708897   10.471133    1.926455
 0.002756   1.207985   15.805021
0.71831    17.708897   10.471133    1.926455
 0.002756   0.401350   14.610910
0.85916    17.708897   10.471133    1.926455
 0.002756   0.326937   34.440133
1.00000    17.708897   10.471133    1.926455
 0.002756   0.961206   76.013534

COMB DL-G2-3 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -2.722554  -135.086068   -1.526628
-0.002825   -1.597539  -167.562552
0.57747    -2.722554  -135.086068   -1.526628
-0.002825   -0.957132  -111.358869
0.71831    -2.722554  -135.086068   -1.526628
-0.002825   -0.318418   -58.941236
0.85916    -2.722554  -135.086068   -1.526628
-0.002825   -0.409538   -25.828455
1.00000    -2.722554  -135.086068   -1.526628
-0.002825   -1.214509   -14.513595
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3211

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    14.603490   45.215923    2.329091
 0.002507   2.438239   71.772787
0.57747    14.603490   45.215923    2.329091
 0.002507   1.460945   53.228667
0.71831    14.603490   45.215923    2.329091
 0.002507   0.485059   36.506600
0.85916    14.603490   45.215923    2.329091
 0.002507   0.403367   34.588711
1.00000    14.603490   45.215923    2.329091
 0.002507   1.198705   63.636816

COMB DL-G2-4 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -7.457804  -118.865351   -1.904550
-0.002486   -1.994175  -150.811739
0.57747    -7.457804  -118.865351   -1.904550
-0.002486   -1.195223  -101.336563
0.71831    -7.457804  -118.865351   -1.904550
-0.002486   -0.397268   -54.315781
0.85916    -7.457804  -118.865351   -1.904550
-0.002486   -0.491508   -22.169868
1.00000    -7.457804  -118.865351   -1.904550
-0.002486   -1.466266   -19.056637

COMB DL-G3-1 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     0.262462   87.273835    1.201062
 0.000992   1.258168  119.558976
0.57747     0.262462   87.273835    1.201062
 0.000992   0.753586   82.996063
0.71831     0.262462   87.273835    1.201062
 0.000992   0.249883   46.515955
0.85916     0.262462   87.273835    1.201062
 0.000992   0.219962   10.315242
1.00000     0.262462   87.273835    1.201062
 0.000992   0.659461    2.284884

COMB DL-G3-1 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662    -9.929691   -5.027697   -1.047975
-0.000909   -1.098280   -7.212277
0.57747    -9.929691   -5.027697   -1.047975
-0.000909   -0.658741   -5.145034
0.71831    -9.929691   -5.027697   -1.047975
-0.000909   -0.219256   -3.191696
0.85916    -9.929691   -5.027697   -1.047975
-0.000909   -0.251055   -1.808113
1.00000    -9.929691   -5.027697   -1.047975
-0.000909   -0.754740   -28.030143

COMB DL-G3-2 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     3.534203   99.692182    1.856712
 0.004198   1.942674  145.694864
0.57747     3.534203   99.692182    1.856712
 0.004198   1.162890  104.657769
0.71831     3.534203   99.692182    1.856712
 0.004198   0.385953   68.309901
0.85916     3.534203   99.692182    1.856712
 0.004198   0.350105   61.484199
1.00000     3.534203   99.692182    1.856712
 0.004198   1.017420   81.634046

COMB DL-G3-2 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662   -13.621285   -86.453206   -1.612184
-0.004093   -1.686698   -70.386459
0.57747   -13.621285   -86.453206   -1.612184
-0.004093   -1.010594   -34.941186
0.71831   -13.621285   -86.453206   -1.612184
-0.004093   -0.336216   -5.863185
0.85916   -13.621285   -86.453206   -1.612184
-0.004093   -0.394782   -3.638954
1.00000   -13.621285   -86.453206   -1.612184
-0.004093   -1.166888   -29.845398
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD          >
                              3212

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662     8.728156   86.858396    2.243263
 0.003214   2.347945  124.517486
0.57747     8.728156   86.858396    2.243263
 0.003214   1.406610   88.458020
0.71831     8.728156   86.858396    2.243263
 0.003214   0.466743   55.416645
0.85916     8.728156   86.858396    2.243263
 0.003214   0.398381   45.100970
1.00000     8.728156   86.858396    2.243263
 0.003214   1.172533   71.378117

COMB DL-G3-3 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662   -11.623968   -99.394893   -1.860670
-0.003140   -1.948390  -101.428757
0.57747   -11.623968   -99.394893   -1.860670
-0.003140   -1.168059   -60.132582
0.71831   -11.623968   -99.394893   -1.860670
-0.003140   -0.388959   -22.975579
0.85916   -11.623968   -99.394893   -1.860670
-0.003140   -0.474707    -7.013062
1.00000   -11.623968   -99.394893   -1.860670
-0.003140   -1.412428   -27.854084

COMB DL-G3-4 ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    14.659220   74.491688    2.445434
 0.003148   2.559585  108.030338
0.57747    14.659220   74.491688    2.445434
 0.003148   1.533671   77.186404
0.71831    14.659220   74.491688    2.445434
 0.003148   0.508868   48.873679
0.85916    14.659220   74.491688    2.445434
 0.003148   0.425603   39.577436
1.00000    14.659220   74.491688    2.445434
 0.003148   1.258464   65.686687

COMB DL-G3-4 ------------------- MIN

REL DIST         P          V2          V3
       T         M2         M3
0.43662   -10.212811  -113.244249   -1.998860
-0.003131   -2.093108  -138.459200
0.57747   -10.212811  -113.244249   -1.998860
-0.003131   -1.254562   -91.375228
0.71831   -10.212811  -113.244249   -1.998860
-0.003131   -0.417632   -47.814660
0.85916   -10.212811  -113.244249   -1.998860
-0.003131   -0.517228   -22.056931
1.00000   -10.212811  -113.244249   -1.998860
-0.003131   -1.540325   -31.437913

COMB      DB ------------------- MAX

REL DIST         P          V2          V3
       T         M2         M3
0.43662    10.128625   52.541933    1.216956
 0.004409   1.275029   78.245051
0.57747    10.128625   52.541933    1.216956
 0.004409   0.764703   57.090776
```

0.71831	10.128625	52.541933	1.216956
0.004409	0.254254	38.197904	
0.85916	10.128625	52.541933	1.216956
0.004409	0.234012	44.175508	
1.00000	10.128625	52.541933	1.216956
0.004409	0.690629	62.954213	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.596808	-95.254852	-1.097763
-0.004377	-1.150753	-109.069184	
0.57747	-8.596808	-95.254852	-1.097763
-0.004377	-0.690408	-69.479081	
0.71831	-8.596808	-95.254852	-1.097763
-0.004377	-0.229956	-39.409073	
0.85916	-8.596808	-95.254852	-1.097763
-0.004377	-0.255926	-26.534444	
1.00000	-8.596808	-95.254852	-1.097763
-0.004377	-0.766287	-19.509036	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	17.708897	99.692182	2.445434
0.004198	2.559585	145.694864	
0.57747	17.708897	99.692182	2.445434
0.004198	1.533671	104.657769	
0.71831	17.708897	99.692182	2.445434
0.004198	0.508868	68.309901	
0.85916	17.708897	99.692182	2.445434
0.004198	0.425603	61.484199	
1.00000	17.708897	99.692182	2.445434
0.004198	1.258464	81.634046	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-13.621285	-135.086068	-1.998860
-0.004093	-2.093108	-168.753358	
0.57747	-13.621285	-135.086068	-1.998860
-0.004093	-1.254562	-112.624669	
0.71831	-13.621285	-135.086068	-1.998860
-0.004093	-0.417632	-69.274075	
0.85916	-13.621285	-135.086068	-1.998860
-0.004093	-0.517228	-37.349812	
1.00000	-13.621285	-135.086068	-1.998860
-0.004093	-1.540325	-31.437913	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	17.708897	99.692182	2.445434
0.004409	2.559585	145.694864	
0.57747	17.708897	99.692182	2.445434
0.004409	1.533671	104.657769	
0.71831	17.708897	99.692182	2.445434
0.004409	0.508868	68.309901	
0.85916	17.708897	99.692182	2.445434
0.004409	0.425603	61.484199	
1.00000	17.708897	99.692182	2.445434
0.004409	1.258464	81.634046	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-13.621285	-135.086068	-1.998860
-0.004377	-2.093108	-168.753358	
0.57747	-13.621285	-135.086068	-1.998860
-0.004377	-1.254562	-112.624669	
0.71831	-13.621285	-135.086068	-1.998860
-0.004377	-0.417632	-69.274075	
0.85916	-13.621285	-135.086068	-1.998860
-0.004377	-0.517228	-37.349812	
1.00000	-13.621285	-135.086068	-1.998860
-0.004377	-1.540325	-31.437913	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	17.708897	99.692182	2.445434
0.004409	2.559585	145.694864	
0.57747	17.708897	99.692182	2.445434
0.004409	1.533671	104.657769	
0.71831	17.708897	99.692182	2.445434
0.004409	0.508868	68.309901	
0.85916	17.708897	99.692182	2.445434
0.004409	0.425603	61.484199	
1.00000	17.708897	99.692182	2.445434
0.004409	1.258464	81.634046	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-13.621285	-135.086068	-1.998860
-0.004377	-2.093108	-168.753358	
0.57747	-13.621285	-135.086068	-1.998860
-0.004377	-1.254562	-112.624669	
0.71831	-13.621285	-135.086068	-1.998860
-0.004377	-0.417632	-69.274075	
0.85916	-13.621285	-135.086068	-1.998860
-0.004377	-0.517228	-37.349812	
1.00000	-13.621285	-135.086068	-1.998860
-0.004377	-1.540325	-31.437913	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 301 ========== LENGTH = 2.977394

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.811864	2.512252	0.378397
0.000562	0.237496	7.134114	
0.14084	2.811864	2.512252	0.378397
0.000562	0.179043	14.713520	
0.28169	2.811864	2.512252	0.378397
0.000562	0.074690	22.338583	
0.42253	2.811864	2.512252	0.378397
0.000562	0.221793	30.000243	
0.56338	2.811864	2.512252	0.378397
0.000562	0.368898	37.682106	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.438695	-18.413665	-0.350800
-0.000632	-0.215532	-2.581091	
0.14084	-1.438695	-18.413665	-0.350800
-0.000632	-0.072415	-2.836574	
0.28169	-1.438695	-18.413665	-0.350800
-0.000632	-0.080688	-3.605744	
0.42253	-1.438695	-18.413665	-0.350800
-0.000632	-0.239380	-4.493207	
0.56338	-1.438695	-18.413665	-0.350800
-0.000632	-0.398060	-5.459225	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.123233	4.984383	0.712948
0.001076	0.447409	13.430792	
0.14084	8.123233	4.984383	0.712948
0.001076	0.148479	26.847021	
0.28169	8.123233	4.984383	0.712948
0.001076	0.134484	40.617876	
0.42253	8.123233	4.984383	0.712948
0.001076	0.400905	55.093411	
0.56338	8.123233	4.984383	0.712948
0.001076	0.667305	69.824226	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.024486	-36.458485	-0.635271
-0.001171	-0.398295	-16.128110	
0.14084	-1.024486	-36.458485	-0.635271
-0.001171	-0.132066	-11.481471	
0.28169	-1.024486	-36.458485	-0.635271
-0.001171	-0.150536	-8.955383	
0.42253	-1.024486	-36.458485	-0.635271
-0.001171	-0.449530	-7.553906	
0.56338	-1.024486	-36.458485	-0.635271
-0.001171	-0.748497	-8.691855	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.716473	4.124181	0.991589
0.001180	0.621952	19.939202	
0.14084	8.716473	4.124181	0.991589
0.001180	0.206077	38.624803	
0.28169	8.716473	4.124181	0.991589
0.001180	0.186544	57.514877	
0.42253	8.716473	4.124181	0.991589
0.001180	0.556447	76.583720	
0.56338	8.716473	4.124181	0.991589
0.001180	0.926279	96.245456	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.994650	-47.324034	-0.881919
-0.001264	-0.553047	-9.627051	
0.14084	-0.994650	-47.324034	-0.881919
-0.001264	-0.183161	-6.991360	
0.28169	-0.994650	-47.324034	-0.881919
-0.001264	-0.209646	-6.154028	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.994650	-47.324034	-0.881919
-0.001264	-0.625526	-6.071374	
0.56338	-0.994650	-47.324034	-0.881919
-0.001264	-1.041341	-7.408324	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.600042	37.624581	1.110246
0.003253	0.695966	61.674385	
0.14084	7.600042	37.624581	1.110246
0.003253	0.232211	76.764349	
0.28169	7.600042	37.624581	1.110246
0.003253	0.211856	92.593737	
0.42253	7.600042	37.624581	1.110246
0.003253	0.631209	119.279523	
0.56338	7.600042	37.624581	1.110246
0.003253	1.050451	150.231279	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.818614	-74.172408	-0.999746
-0.003320	-0.626517	-11.739624	
0.14084	-4.818614	-74.172408	-0.999746
-0.003320	-0.210938	-10.952925	
0.28169	-4.818614	-74.172408	-0.999746
-0.003320	-0.235112	-14.487403	
0.42253	-4.818614	-74.172408	-0.999746
-0.003320	-0.700784	-19.406053	
0.56338	-4.818614	-74.172408	-0.999746
-0.003320	-1.166359	-34.814073	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.626997	1.260582	0.398404
0.000454	0.249547	6.250221	
0.14084	5.626997	1.260582	0.398404
0.000454	0.082450	13.706972	
0.28169	5.626997	1.260582	0.398404
0.000454	0.071308	21.466024	
0.42253	5.626997	1.260582	0.398404
0.000454	0.213629	29.325957	
0.56338	5.626997	1.260582	0.398404
0.000454	0.355922	37.243946	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338282	-20.296601	-0.339321
-0.000472	-0.213253	-14.777960	
0.14084	-0.338282	-20.296601	-0.339321
-0.000472	-0.070942	-9.435979	
0.28169	-0.338282	-20.296601	-0.339321
-0.000472	-0.084563	-4.788064	
0.42253	-0.338282	-20.296601	-0.339321
-0.000472	-0.225167	-2.220077	
0.56338	-0.338282	-20.296601	-0.339321
-0.000472	-0.418735	-2.060944	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.286722	35.759436	0.774429
0.003446	0.485148	59.127608	
0.14084	6.286722	35.759436	0.774429
0.003446	0.162967	59.043321	
0.28169	6.286722	35.759436	0.774429
0.003446	0.143720	59.894759	
0.42253	6.286722	35.759436	0.774429
0.003446	0.429250	75.572898	
0.56338	6.286722	35.759436	0.774429
0.003446	0.714709	97.076965	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.651103	-51.744693	-0.680721
-0.003466	-0.427129	-10.609157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-3.651103	-51.744693	-0.680721
-0.003466	-0.146746	-5.026687	
0.28169	-3.651103	-51.744693	-0.680721
-0.003466	-0.164351	-3.539494	
0.42253	-3.651103	-51.744693	-0.680721
-0.003466	-0.489122	-3.778012	
0.56338	-3.651103	-51.744693	-0.680721
-0.003466	-0.813876	-18.321880	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.551832	34.105627	1.008931
0.003544	0.632449	58.562846	
0.14084	8.551832	34.105627	1.008931
0.003544	0.211649	64.629155	
0.28169	8.551832	34.105627	1.008931
0.003544	0.188536	71.638021	
0.42253	8.551832	34.105627	1.008931
0.003544	0.562720	92.055191	
0.56338	8.551832	34.105627	1.008931
0.003544	0.936800	117.763687	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.722935	-61.936904	-0.892050
-0.003617	-0.559520	-12.733376	
0.14084	-3.722935	-61.936904	-0.892050
-0.003617	-0.190014	-5.867974	
0.28169	-3.722935	-61.936904	-0.892050
-0.003617	-0.213719	-5.329516	
0.42253	-3.722935	-61.936904	-0.892050
-0.003617	-0.636857	-6.571094	
0.56338	-3.722935	-61.936904	-0.892050
-0.003617	-1.059949	-20.510643	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.240462	42.775552	1.145318
0.002950	0.717996	52.128659	
0.14084	7.240462	42.775552	1.145318
0.002950	0.217965	65.642113	
0.28169	7.240462	42.775552	1.145318
0.002950	0.217965	79.810795	
0.42253	7.240462	42.775552	1.145318
0.002950	0.650363	102.811253	
0.56338	7.240462	42.775552	1.145318
0.002950	1.082672	129.389217	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.641283	-63.906279	-1.030908
-0.002995	-0.646563	-14.261599	
0.14084	-5.641283	-63.906279	-1.030908
-0.002995	-0.217242	-17.094119	
0.28169	-5.641283	-63.906279	-1.030908
-0.002995	-0.242554	-24.772408	
0.42253	-5.641283	-63.906279	-1.030908
-0.002995	-0.722887	-33.822945	
0.56338	-5.641283	-63.906279	-1.030908
-0.002995	-1.203174	-51.445918	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.149929	40.881406	0.537780
0.000875	0.337233	1.531158	
0.14084	0.149929	40.881406	0.537780
0.000875	0.111704	2.766544	
0.28169	0.149929	40.881406	0.537780
0.000875	0.108893	4.196272	
0.42253	0.149929	40.881406	0.537780
0.000875	0.324755	5.672733	
0.56338	0.149929	40.881406	0.537780
0.000875	0.540599	7.162445	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.400634	-3.561017	-0.514713
-0.000845	-0.322777	-12.156919	
0.14084	-5.400634	-3.561017	-0.514713
-0.000845	-0.106924	-29.122573	
0.28169	-5.400634	-3.561017	-0.514713
-0.000845	-0.113787	-46.095500	
0.42253	-5.400634	-3.561017	-0.514713
-0.000845	-0.339319	-63.172097	
0.56338	-5.400634	-3.561017	-0.514713
-0.000845	-0.564836	-80.315072	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660716	87.670829	0.865743
0.004457	0.452710	62.952101	
0.14084	0.660716	87.670829	0.865743
0.004457	0.182791	50.438070	
0.28169	0.660716	87.670829	0.865743
0.004457	0.172915	40.430302	
0.42253	0.660716	87.670829	0.865743
0.004457	0.515201	48.547460	
0.56338	0.660716	87.670829	0.865743
0.004457	0.857441	62.959506	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.875779	-34.439281	-0.816122
-0.004425	-0.511518	-15.973353	
0.14084	-10.875779	-34.439281	-0.816122
-0.004425	-0.175489	-30.061962	
0.28169	-10.875779	-34.439281	-0.816122
-0.004425	-0.183366	-48.611331	
0.42253	-10.875779	-34.439281	-0.816122
-0.004425	-0.842145	-69.381895	
0.56338	-10.875779	-34.439281	-0.816122
-0.004425	-0.909483	-106.064062	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.808173	68.489891	1.123173
0.003630	0.703961	49.665838	
0.14084	3.808173	68.489891	1.123173
0.003630	0.235102	49.731816	
0.28169	3.808173	68.489891	1.123173
0.003630	0.221138	50.501294	
0.42253	3.808173	68.489891	1.123173
0.003630	0.650564	63.614338	
0.56338	3.808173	68.489891	1.123173
0.003630	1.083009	81.649405	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.269283	-43.046699	-1.031231
-0.003614	-0.646772	-14.488289	
0.14084	-8.269283	-43.046699	-1.031231
-0.003614	-0.218548	-27.660631	
0.28169	-8.269283	-43.046699	-1.031231
-0.003614	-0.238012	-44.066071	
0.42253	-8.269283	-43.046699	-1.031231
-0.003614	-0.709043	-61.602933	
0.56338	-8.269283	-43.046699	-1.031231
-0.003614	-1.180044	-90.216235	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.910035	58.181527	1.206935
0.003370	0.756516	45.267086	
0.14084	6.910035	58.181527	1.206935
0.003370	0.252137	50.678215	
0.28169	6.910035	58.181527	1.206935
0.003370	0.231175	56.829238	
0.42253	6.910035	58.181527	1.206935
0.003370	0.690007	73.263474	
0.56338	6.910035	58.181527	1.206935
0.003370	1.148748	93.784198	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.195463	-49.524635	-1.093939
-0.003389	-0.686219	-19.525351	
0.14084	-7.195463	-49.524635	-1.093939
-0.003389	-0.230961	-27.794621	
0.28169	-7.195463	-49.524635	-1.093939
-0.003389	-0.255709	-39.784341	
0.42253	-7.195463	-49.524635	-1.093939
-0.003389	-0.761869	-53.917170	
0.56338	-7.195463	-49.524635	-1.093939
-0.003389	-1.267991	-77.983832	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.674481	4.110972	0.825966
0.000558	0.517562	12.470753	
0.14084	4.674481	4.110972	0.825966
0.000558	0.171434	26.961369	
0.28169	4.674481	4.110972	0.825966
0.000558	0.154524	42.113842	
0.42253	4.674481	4.110972	0.825966
0.000558	0.459762	57.393325	
0.56338	4.674481	4.110972	0.825966
0.000558	0.765294	73.438201	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.816289	-38.793511	-0.727661
-0.000702	-0.454053	-4.490309	
0.14084	-1.816289	-38.793511	-0.727661
-0.000702	-0.148849	-4.161083	
0.28169	-1.816289	-38.793511	-0.727661
-0.000702	-0.175289	-4.722832	
0.42253	-1.816289	-38.793511	-0.727661
-0.000702	-0.521666	-5.447615	
0.56338	-1.816289	-38.793511	-0.727661
-0.000702	-0.868057	-6.951923	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	14.584560	6.998068	1.486697
0.000995	0.930936	20.605948	
0.14084	14.584560	6.998068	1.486697
0.000995	0.307561	46.895533	
0.28169	14.584560	6.998068	1.486697
0.000995	0.259250	75.275105	
0.42253	14.584560	6.998068	1.486697
0.000995	0.772533	104.917046	
0.56338	14.584560	6.998068	1.486697
0.000995	1.286045	136.737022	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.718288	-78.180822	-1.224851
-0.001191	-0.766516	-18.436037	
0.14084	-1.718288	-78.180822	-1.224851
-0.001191	-0.252428	-12.593230	
0.28169	-1.718288	-78.180822	-1.224851
-0.001191	-0.315978	-10.120546	
0.42253	-1.718288	-78.180822	-1.224851
-0.001191	-0.939425	-8.829547	
0.56338	-1.718288	-78.180822	-1.224851
-0.001191	-1.562851	-10.707143	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	15.534155	7.194619	1.902631
0.001085	1.190755	36.699595	
0.14084	15.534155	7.194619	1.902631
0.001085	0.392956	72.137280	
0.28169	15.534155	7.194619	1.902631
0.001085	0.325622	109.166638	
0.42253	15.534155	7.194619	1.902631
0.001085	0.969536	147.420942	
0.56338	15.534155	7.194619	1.902631
0.001085	1.613629	187.554245	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.854316	-96.953169	-1.536231
-0.001264	-0.960431	-13.274463	
0.14084	-1.854316	-96.953169	-1.536231
-0.001264	-0.316772	-11.339680	
0.28169	-1.854316	-96.953169	-1.536231
-0.001264	-0.403966	-7.916959	
0.42253	-1.854316	-96.953169	-1.536231
-0.001264	-1.201638	-7.953068	
0.56338	-1.854316	-96.953169	-1.536231
-0.001264	-1.999589	-10.311153	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.412745	46.596836	2.207793
0.002511	1.382903	75.617600	
0.14084	13.412745	46.596836	2.207793
0.002511	0.459922	103.973854	
0.28169	13.412745	46.596836	2.207793
0.002511	0.385811	134.654601	
0.42253	13.412745	46.596836	2.207793
0.002511	1.148453	174.740948	
0.56338	13.412745	46.596836	2.207793
0.002511	1.911819	220.174806	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.913526	-110.754608	-1.820630
-0.002631	-1.139750	-14.978631	
0.14084	-6.913526	-110.754608	-1.820630
-0.002631	-0.380282	-16.219617	
0.28169	-6.913526	-110.754608	-1.820630
-0.002631	-0.467407	-22.052771	
0.42253	-6.913526	-110.754608	-1.820630
-0.002631	-1.392380	-30.332738	
0.56338	-6.913526	-110.754608	-1.820630
-0.002631	-2.318678	-48.753787	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.453731	1.905280	0.724221
0.000396	0.452773	9.938652	
0.14084	10.453731	1.905280	0.724221
0.000396	0.149279	24.078180	
0.28169	10.453731	1.905280	0.724221
0.000396	0.112654	39.351606	
0.42253	10.453731	1.905280	0.724221
0.000396	0.337081	55.675592	
0.56338	10.453731	1.905280	0.724221
0.000396	0.561409	73.410858	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.549578	-43.604631	-0.535286

```
-0.000426   -0.335725   -14.837711
 0.14084    -0.549578   -43.604631    -0.535286
-0.000426   -0.111238    -8.921410
 0.28169    -0.549578   -43.604631    -0.535286
-0.000426   -0.154866    -4.760064
 0.42253    -0.549578   -43.604631    -0.535286
-0.000426   -0.458374    -2.396342
 0.56338    -0.549578   -43.604631    -0.535286
-0.000426   -0.762132    -2.612001

COMB DL-G2-2 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   11.086128   38.867923    1.358756
 0.002646   0.851301   75.283306
 0.14084   11.086128   38.867923    1.358756
 0.002646   0.286037   84.325653
 0.28169   11.086128   38.867923    1.358756
 0.002646   0.222417   94.789878
 0.42253   11.086128   38.867923    1.358756
 0.002646   0.662031  118.779115
 0.56338   11.086128   38.867923    1.358756
 0.002646   1.102759  149.637738
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3220

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.469920   -76.263310    -1.051444
-0.002673   -0.660172   -10.686835
 0.14084   -4.469920   -76.263310    -1.051444
-0.002673   -0.225128    -5.091024
 0.28169   -4.469920   -76.263310    -1.051444
-0.002673   -0.288296    -3.461074
 0.42253   -4.469920   -76.263310    -1.051444
-0.002673   -0.856619    -4.585611
 0.56338   -4.469920   -76.263310    -1.051444
-0.002673   -1.426327   -19.597066

COMB DL-G2-3 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   15.941414   38.063118    1.890403
 0.002816   1.184128   76.073953
 0.14084   15.941414   38.063118    1.890403
 0.002816   0.395640   95.945592
 0.28169   15.941414   38.063118    1.890403
 0.002816   0.318048  118.137858
 0.42253   15.941414   38.063118    1.890403
 0.002816   0.946731  152.907738
 0.56338   15.941414   38.063118    1.890403
 0.002816   1.577238  194.527784

COMB DL-G2-3 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.732958  -102.000876    -1.502925
-0.002955   -0.941676   -14.548620
 0.14084   -4.732958  -102.000876    -1.502925
-0.002955   -0.317158    -7.863912
 0.28169   -4.732958  -102.000876    -1.502925
-0.002955   -0.401297    -6.327455
 0.42253   -4.732958  -102.000876    -1.502925
-0.002955   -1.192659    -8.002811
 0.56338   -4.732958  -102.000876    -1.502925
-0.002955   -1.985427   -22.733973

COMB DL-G2-4 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   13.513917   62.277914    2.300750
 0.002369   1.440829   63.683433
 0.14084   13.513917   62.277914    2.300750
 0.002369   0.478237   89.413608
 0.28169   13.513917   62.277914    2.300750
 0.002369   0.398968  117.318381
 0.42253   13.513917   62.277914    2.300750
 0.002369   1.188875  153.310445
 0.56338   13.513917   62.277914    2.300750
 0.002369   1.979938  193.872968

COMB DL-G2-4 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -8.753610   -98.720336    -1.885805
-0.002447   -1.561480   -19.060694
 0.14084   -8.753610   -98.720336    -1.885805
-0.002447   -0.394117   -29.203586
 0.28169   -8.753610   -98.720336    -1.885805
-0.002447   -0.486953   -43.504640
 0.42253   -8.753610   -98.720336    -1.885805
-0.002447   -1.451164   -60.372271
 0.56338   -8.753610   -98.720336    -1.885805
-0.002447   -2.416231   -85.586133

COMB DL-G3-1 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.265731   88.061578    1.201432
 0.000980   0.752471    2.282692
 0.14084    0.265731   88.061578    1.201432
 0.000980   0.248272    3.813240
 0.28169    0.265731   88.061578    1.201432
 0.000980   0.221873    5.605085
 0.42253    0.265731   88.061578    1.201432
 0.000980   0.662667    7.589115
 0.56338    0.265731   88.061578    1.201432
 0.000980   1.103423    9.649312
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3221

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.048605   -4.962147    -1.050854
-0.000862   -0.659189   -28.000406
 0.14084  -10.048605   -4.962147    -1.050854
-0.000862   -0.211468    -6.440434
 0.28169  -10.048605   -4.962147    -1.050854
-0.000862   -0.252710  -100.885309
 0.42253  -10.048605   -4.962147    -1.050854
-0.000862   -0.756954  -137.699110
 0.56338  -10.048605   -4.962147    -1.050854
-0.000862   -1.261342  -174.596981

COMB DL-G3-2 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    1.034183  143.930901    1.853282
 0.004058   1.162521   81.671965
 0.14084    1.034183  143.930901    1.853282
 0.004058   0.391339   66.862093
 0.28169    1.034183  143.930901    1.853282
 0.004058   0.339520   54.074642
 0.42253    1.034183  143.930901    1.853282
 0.004058   1.011161   59.431742
 0.56338    1.034183  143.930901    1.853282
 0.004058   1.684454   73.119409

COMB DL-G3-2 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -16.933465  -35.626295    -1.605406
-0.003979   -1.008297   -29.861940
 0.14084  -16.933465  -35.626295    -1.605406
-0.003979   -0.342970   -62.946858
 0.28169  -16.933465  -35.626295    -1.605406
-0.003979   -0.389504  -100.545798
 0.42253  -16.933465  -35.626295    -1.605406
-0.003979   -1.165119  -141.490432
 0.56338  -16.933465  -35.626295    -1.605406
-0.003979   -1.943439  -200.633012

COMB DL-G3-3 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.826945  118.960605    2.226131
 0.003411   1.395109   71.426736
 0.14084    6.826945  118.960605    2.226131
 0.003411   0.465691   75.531173
 0.28169    6.826945  118.960605    2.226131
 0.003411   0.391476   80.717161
 0.42253    6.826945  118.960605    2.226131
 0.003411   1.166761   99.493871
 0.56338    6.826945  118.960605    2.226131
 0.003411   1.943155  124.758804

COMB DL-G3-3 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -14.030162  -62.213909    -1.851348
-0.003342   -1.162146   -27.861130
 0.14084  -14.030162  -62.213909    -1.851348
-0.003342   -0.391296   -57.462006
 0.28169  -14.030162  -62.213909    -1.851348
-0.003342   -0.469615   -90.377457
 0.42253  -14.030162  -62.213909    -1.851348
-0.003342   -1.402319  -126.199048
 0.56338  -14.030162  -62.213909    -1.851348
-0.003342   -2.336248  -175.199353

COMB DL-G3-4 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   13.037377  101.103300    2.417591
 0.003173   1.514360   65.734591
 0.14084   13.037377  101.103300    2.417591
 0.003173   0.504071   79.148969
 0.28169   13.037377  101.103300    2.417591
 0.003173   0.419614   94.613694
 0.42253   13.037377  101.103300    2.417591
 0.003173   1.251225  121.901166
 0.56338   13.037377  101.103300    2.417591
 0.003173   2.084147  155.382742
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3222

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -12.204521  -82.398318    -1.985954
-0.003195   -1.245498   -31.443611
 0.14084  -12.204521  -82.398318    -1.985954
-0.003195   -0.417612   -53.162519
 0.28169  -12.204521  -82.398318    -1.985954
-0.003195   -0.511283   -79.014881
 0.42253  -12.204521  -82.398318    -1.985954
-0.003195   -1.524396  -108.271398
 0.56338  -12.204521  -82.398318    -1.985954
-0.003195   -2.538621  -149.520890

COMB      DB -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    8.716473   87.670829    1.206935
 0.004457   0.756516   62.952101
 0.14084    8.716473   87.670829    1.206935
 0.004457   0.252137   76.764349
 0.28169    8.716473   87.670829    1.206935
 0.004457   0.231175   92.593737
 0.42253    8.716473   87.670829    1.206935
 0.004457   0.690007  119.279523
 0.56338    8.716473   87.670829    1.206935
 0.004457   1.148748  150.231279

COMB      DB -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.875779   -74.172408    -1.093939
-0.004425   -0.686219   -19.525351
 0.14084  -10.875779   -74.172408    -1.093939
-0.004425   -0.230961   -30.061962
 0.28169  -10.875779   -74.172408    -1.093939
-0.004425   -0.255709   -48.611331
 0.42253  -10.875779   -74.172408    -1.093939
-0.004425   -0.761869   -69.318895
 0.56338  -10.875779   -74.172408    -1.093939
-0.004425   -1.267991  -106.064062

COMB      DL -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   15.941414  143.930901    2.417591
 0.004058   1.514360   81.671965
 0.14084   15.941414  143.930901    2.417591
 0.004058   0.504071  103.973854
 0.28169   15.941414  143.930901    2.417591
 0.004058   0.419614  134.654601
 0.42253   15.941414  143.930901    2.417591
 0.004058   1.251225  174.740948
 0.56338   15.941414  143.930901    2.417591
 0.004058   2.084147  220.174806

COMB      DL -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -16.933465  -110.754608    -1.985954
-0.003979   -1.245498   -31.443611
 0.14084  -16.933465  -110.754608    -1.985954
-0.003979   -0.417612   -64.360434
 0.28169  -16.933465  -110.754608    -1.985954
-0.003979   -0.511283  -100.885309
 0.42253  -16.933465  -110.754608    -1.985954
-0.003979   -1.524396  -141.490432
 0.56338  -16.933465  -110.754608    -1.985954
-0.003979   -2.538621  -200.633012

COMB      CAR -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   15.941414  143.930901    2.417591
 0.004457   1.514360   81.671965
 0.14084   15.941414  143.930901    2.417591
 0.004457   0.504071  103.973854
 0.28169   15.941414  143.930901    2.417591
 0.004457   0.419614  134.654601
 0.42253   15.941414  143.930901    2.417591
 0.004457   1.251225  174.740948
 0.56338   15.941414  143.930901    2.417591
 0.004457   2.084147  220.174806
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3223

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -16.933465  -110.754608    -1.985954
-0.004425   -1.245498   -31.443611
 0.14084  -16.933465  -110.754608    -1.985954
-0.004425   -0.417612   -64.360434
 0.28169  -16.933465  -110.754608    -1.985954
-0.004425   -0.511283  -100.885309
 0.42253  -16.933465  -110.754608    -1.985954
-0.004425   -1.524396  -141.490432
 0.56338  -16.933465  -110.754608    -1.985954
-0.004425   -2.538621  -200.633012

COMB  DESIGN -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   15.941414  143.930901    2.417591
 0.004457   1.514360   81.671965
 0.14084   15.941414  143.930901    2.417591
 0.004457   0.504071  103.973854
 0.28169   15.941414  143.930901    2.417591
 0.004457   0.419614  134.654601
 0.42253   15.941414  143.930901    2.417591
 0.004457   1.251225  174.740948
 0.56338   15.941414  143.930901    2.417591
 0.004457   2.084147  220.174806

COMB  DESIGN -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -16.933465  -110.754608    -1.985954
-0.004425   -1.245498   -31.443611
 0.14084  -16.933465  -110.754608    -1.985954
-0.004425   -0.417612   -64.360434
 0.28169  -16.933465  -110.754608    -1.985954
-0.004425   -0.511283  -100.885309
 0.42253  -16.933465  -110.754608    -1.985954
-0.004425   -1.524396  -141.490432
 0.56338  -16.933465  -110.754608    -1.985954
-0.004425   -2.538621  -200.633012

ELEM      302 ================== LENGTH
=    2.977553

COMB DB-G1-1 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    3.000965    1.880877    0.348246
 0.000973   0.375262    3.718308
 0.57745    3.000965    1.880877    0.348246
 0.000973   0.229212    3.542947
 0.71830    3.000965    1.880877    0.348246
 0.000973   0.083149    3.867992
 0.85915    3.000965    1.880877    0.348246
 0.000973   0.061015    5.174808
 1.00000    3.000965    1.880877    0.348246
 0.000973   0.206727   10.919559

COMB DB-G1-1 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -0.935310   -21.956630    -0.347267
-0.000547   -0.375853   -26.465274
 0.57745   -0.935310   -21.956630    -0.347267
-0.000547   -0.230213   -17.257902
 0.71830   -0.935310   -21.956630    -0.347267
-0.000547   -0.084567   -13.267265
 0.85915   -0.935310   -21.956630    -0.347267
-0.000547   -0.062887   -11.470428
 1.00000   -0.935310   -21.956630    -0.347267
-0.000547   -0.208939   -10.295262

COMB DB-G1-2 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    6.757113    3.100595    0.588644
 0.001816   0.635731    4.616984
 0.57745    6.757113    3.100595    0.588644
 0.001816   0.388861    4.144017
 0.71830    6.757113    3.100595    0.588644
 0.001816   0.141963    3.842803
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3224

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.85915    6.757113    3.100595    0.588644
 0.001816   0.118489    5.746908
 1.00000    6.757113    3.100595    0.588644
 0.001816   0.397982   17.717117

COMB DB-G1-2 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -0.721589   -44.682249    -0.666419
-0.000896   -0.720336   -69.381708
 0.57745   -0.721589   -44.682249    -0.666419
-0.000896   -0.441056   -51.379372
 0.71830   -0.721589   -44.682249    -0.666419
-0.000896   -0.161578   -40.448882
 0.85915   -0.721589   -44.682249    -0.666419
-0.000896   -0.104972   -34.069492
 1.00000   -0.721589   -44.682249    -0.666419
-0.000896   -0.351750   -28.361052

COMB DB-G1-3 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    7.417189   18.517305    0.788177
 0.001585   0.851893   42.365984
 0.57745    7.417189   18.517305    0.788177
 0.001585   0.521340   35.255665
 0.71830    7.417189   18.517305    0.788177
 0.001585   0.190698   28.339316
 0.85915    7.417189   18.517305    0.788177
 0.001585   0.138327   23.537327
 1.00000    7.417189   18.517305    0.788177
 0.001585   0.558387   29.596266

COMB DB-G1-3 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -1.859062   -56.424361    -0.936418
-0.000661   -1.012528   -83.940226
 0.57745   -1.859062   -56.424361    -0.936418
-0.000661   -0.619811   -60.768981
 0.71830   -1.859062   -56.424361    -0.936418
-0.000661   -0.227072   -43.513902
 0.85915   -1.859062   -56.424361    -0.936418
-0.000661   -0.139616   -29.956008
 1.00000   -1.859062   -56.424361    -0.936418
-0.000661   -0.470316   -19.753290

COMB DB-G1-4 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    9.425422   28.448350    0.908836
 0.003685   0.981773   56.707386
 0.57745    9.425422   28.448350    0.908836
 0.003685   0.600618   46.176341
 0.71830    9.425422   28.448350    0.908836
 0.003685   0.219367   39.409665
 0.85915    9.425422   28.448350    0.908836
 0.003685   0.199936   50.233152
 1.00000    9.425422   28.448350    0.908836
 0.003685   0.644145   80.072431

COMB DB-G1-4 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -3.522270  -111.689967    -1.062715
-0.003787   -1.149284  -122.863218
 0.57745   -3.522270  -111.689967    -1.062715
-0.003787   -0.703595   -76.614166
 0.71830   -3.522270  -111.689967    -1.062715
-0.003787   -0.257932   -43.342538
 0.85915   -3.522270  -111.689967    -1.062715
-0.003787   -0.165276   -25.349880
 1.00000   -3.522270  -111.689967    -1.062715
-0.003787   -0.542848   -19.120481

COMB DB-G2-1 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    3.977186    2.280563    0.283282
 0.000708   0.307313    3.633269
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3225

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.57745    3.977186    2.280563    0.283282
 0.000708   0.188508    2.863640
 0.71830    3.977186    2.280563    0.283282
 0.000708   0.069669    2.449197
 0.85915    3.977186    2.280563    0.283282
 0.000708   0.067934    2.445415
 1.00000    3.977186    2.280563    0.283282
 0.000708   0.228011    6.297922

COMB DB-G2-1 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -0.187153   -24.837616    -0.381657
-0.000110   -0.412274    -47.156188
 0.57745   -0.187153   -24.837616    -0.381657
-0.000110   -0.252211    -37.409714
 0.71830   -0.187153   -24.837616    -0.381657
-0.000110   -0.092163   -28.729994
 0.85915   -0.187153   -24.837616    -0.381657
-0.000110   -0.049092   -22.480626
 1.00000   -0.187153   -24.837616    -0.381657
-0.000110   -0.167908   -17.447335

COMB DB-G2-2 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    7.434279   21.813259    0.568509
 0.003565   0.615656   51.129887
 0.57745    7.434279   21.813259    0.568509
 0.003565   0.377230   43.026050
 0.71830    7.434279   21.813259    0.568509
 0.003565   0.138701   39.762109
 0.85915    7.434279   21.813259    0.568509
 0.003565   0.149047   56.566334
 1.00000    7.434279   21.813259    0.568509
 0.003565   0.460045   78.358070

COMB DB-G2-2 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -2.089511   -92.227745    -0.746611
-0.003879   -0.807015    -97.195318
 0.57745   -2.089511   -92.227745    -0.746611
-0.003879   -0.493896    -59.328728
 0.71830   -2.089511   -92.227745    -0.746611
-0.003879   -0.180785    -32.782904
 0.85915   -2.089511   -92.227745    -0.746611
-0.003879   -0.104672    -21.461717
 1.00000   -2.089511   -92.227745    -0.746611
-0.003879   -0.338048    -9.347301

COMB DB-G2-3 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    9.444705   20.809953    0.772105
 0.003972   0.834678   47.367210
 0.57745    9.444705   20.809953    0.772105
 0.003972   0.510866   39.952272
 0.71830    9.444705   20.809953    0.772105
 0.003972   0.186982   37.030770
 0.85915    9.444705   20.809953    0.772105
 0.003972   0.185474   52.165287
 1.00000    9.444705   20.809953    0.772105
 0.003972   0.587113   77.886308

COMB DB-G2-3 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -2.114976  -101.431504    -0.962144
-0.003892   -1.040111   -110.222019
 0.57745   -2.114976  -101.431504    -0.962144
-0.003892   -0.636599    -68.364822
 0.71830   -2.114976  -101.431504    -0.962144
-0.003892   -0.233085    -41.378094
 0.85915   -2.114976  -101.431504    -0.962144
-0.003892   -0.141162    -28.259271
 1.00000   -2.114976  -101.431504    -0.962144
-0.003892   -0.460570   -17.889012
Program    SAP2000    Nonlinear    Version    7.42
           File:하행S06-S1003.OUT

                         Page
<              MOVING              LOAD              >
                                    3226

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    8.819671   38.912967    0.944857
 0.003173   1.020726   71.256988
 0.57745    8.819671   38.912967    0.944857
 0.003173   0.624464   56.044283
 0.71830    8.819671   38.912967    0.944857
 0.003173   0.228106   43.957727
 0.85915    8.819671   38.912967    0.944857
 0.003173   0.258582   45.536013
 1.00000    8.819671   38.912967    0.944857
 0.003173   0.658181   67.239990

COMB DB-G2-4 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -4.635907  -101.364265    -1.089674
-0.003428   -1.178470   -118.375082
 0.57745   -4.635907  -101.364265    -1.089674
-0.003428   -0.721474    -76.449387
 0.71830   -4.635907  -101.364265    -1.089674
-0.003428   -0.264530    -45.265595
 0.85915   -4.635907  -101.364265    -1.089674
-0.003428   -0.170914    -24.164585
 1.00000   -4.635907  -101.364265    -1.089674
-0.003428   -0.564322    -20.677155

COMB DB-G3-1 -------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43660    1.155872   44.717019    0.521556
 0.000501   0.562693   63.782179
 0.57745    1.155872   44.717019    0.521556
 0.000501   0.343959   45.060207
 0.71830    1.155872   44.717019    0.521556
 0.000501   0.125219   26.464805
 0.85915    1.155872   44.717019    0.521556
 0.000501   0.089191    8.293718
 1.00000    1.155872   44.717019    0.521556
 0.000501   0.297832    1.719683

COMB DB-G3-1 -------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43660   -5.255684   -7.282827    -0.497374
-0.001213   -0.536560   -20.662277
 0.57745   -5.255684   -7.282827    -0.497374
-0.001213   -0.327967   -17.795473
 0.71830   -5.255684   -7.282827    -0.497374
-0.001213   -0.119370   -15.072770
 0.85915   -5.255684   -7.282827    -0.497374
-0.001213   -0.093442   -12.538349
 1.00000   -5.255684   -7.282827    -0.497374
-0.001213   -0.312245   -13.022910

COMB DB-G3-2 -------------------- MAX
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REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.347571	61.330243	0.787418
0.004195	0.849747	103.331467	
0.57745	5.347571	61.330243	0.787418
0.004195	0.519513	78.825017	
0.71830	5.347571	61.330243	0.787418
0.004195	0.189233	59.868172	
0.85915	5.347571	61.330243	0.787418
0.004195	0.165486	65.590506	
1.00000	5.347571	61.330243	0.787418
0.004195	0.503878	81.999910	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.294877	-90.341855	-0.813030
-0.006011	-0.877777	-81.185762	
0.57745	-7.294877	-90.341855	-0.813030
-0.006011	-0.536802	-43.771727	
0.71830	-7.294877	-90.341855	-0.813030
-0.006011	-0.195833	-19.682783	
0.85915	-7.294877	-90.341855	-0.813030
-0.006011	-0.147133	-11.416020	
1.00000	-7.294877	-90.341855	-0.813030
-0.006011	-0.471189	-14.125867	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3227

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	6.771502	61.111795	0.956732
0.003306	1.033716	103.871653	
0.57745	6.771502	61.111795	0.956732
0.003306	0.632474	79.199995	
0.71830	6.771502	61.111795	0.956732
0.003306	0.231171	58.883728	
0.85915	6.771502	61.111795	0.956732
0.003306	0.202899	56.117926	
1.00000	6.771502	61.111795	0.956732
0.003306	0.645973	65.868177	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-6.923494	-89.046007	-1.060605
-0.004414	-1.145431	-100.043155	
0.57745	-6.923494	-89.046007	-1.060605
-0.004414	-0.706626	-63.132147	
0.71830	-6.923494	-89.046007	-1.060605
-0.004414	-0.255815	-35.408079	
0.85915	-6.923494	-89.046007	-1.060605
-0.004414	-0.174123	-18.461066	
1.00000	-6.923494	-89.046007	-1.060605
-0.004414	-0.571252	-13.553574	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.408067	52.094207	1.004081
0.003378	1.084815	88.849133	
0.57745	8.408067	52.094207	1.004081
0.003378	0.663715	68.001068	
0.71830	8.408067	52.094207	1.004081
0.003378	0.242528	50.665465	
0.85915	8.408067	52.094207	1.004081
0.003378	0.214351	47.941452	
1.00000	8.408067	52.094207	1.004081
0.003378	0.690672	59.736788	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.973041	-90.422715	-1.139125
-0.003931	-1.230347	-110.183785	
0.57745	-5.973041	-90.422715	-1.139125
-0.003931	-0.752611	-72.954676	
0.71830	-5.973041	-90.422715	-1.139125
-0.003931	-0.274874	-46.682102	
0.85915	-5.973041	-90.422715	-1.139125
-0.003931	-0.181914	-34.072114	
1.00000	-5.973041	-90.422715	-1.139125
-0.003931	-0.599585	-23.754353	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.140915	2.994798	0.724222
0.001039	0.782288	6.575722	
0.57745	5.140915	2.994798	0.724222
0.001039	0.478599	5.764906	
0.71830	5.140915	2.994798	0.724222
0.001039	0.174900	5.585496	
0.85915	5.140915	2.994798	0.724222
0.001039	0.121693	7.344766	
1.00000	5.140915	2.994798	0.724222
0.001039	0.408631	17.145512	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.123623	-34.904963	-0.686851
-0.000557	-0.741261	-50.178081	
0.57745	-1.123623	-34.904963	-0.686851
-0.000557	-0.452722	-35.789269	
0.71830	-1.123623	-34.904963	-0.686851
-0.000557	-0.165144	-23.473085	
0.85915	-1.123623	-34.904963	-0.686851
-0.000557	-0.126651	-14.527174	
1.00000	-1.123623	-34.904963	-0.686851
-0.000557	-0.432628	-11.690850	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3228

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.548165	4.295535	1.232330
0.001832	1.332601	7.773151	
0.57745	11.548165	4.295535	1.232330
0.001832	0.815751	6.595115	
0.71830	11.548165	4.295535	1.232330
0.001832	0.299057	5.986444	
0.85915	11.548165	4.295535	1.232330
0.001832	0.219123	8.324995	
1.00000	11.548165	4.295535	1.232330
0.001832	0.733338	25.397069	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.220595	-73.285605	-1.228933
-0.000838	-1.325523	-123.934614	
0.57745	-1.220595	-73.285605	-1.228933
-0.000838	-0.809646	-93.679314	
0.71830	-1.220595	-73.285605	-1.228933
-0.000838	-0.293671	-65.876132	
0.85915	-1.220595	-73.285605	-1.228933
-0.000838	-0.217956	-42.145135	
1.00000	-1.220595	-73.285605	-1.228933
-0.000838	-0.734755	-29.750624	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.218062	17.716232	1.562630
0.001616	1.689036	40.689583	
0.57745	12.218062	17.716232	1.562630
0.001616	1.033973	34.082961	
0.71830	12.218062	17.716232	1.562630
0.001616	0.378600	28.806543	
0.85915	12.218062	17.716232	1.562630
0.001616	0.280687	27.841581	
1.00000	12.218062	17.716232	1.562630
0.001616	0.941838	44.744227	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.280899	-88.883990	-1.579176
-0.000668	-1.704128	-134.947450	
0.57745	-2.280899	-88.883990	-1.579176
-0.000668	-1.041443	-98.370729	
0.71830	-2.280899	-88.883990	-1.579176
-0.000668	-0.379899	-64.824448	
0.85915	-2.280899	-88.883990	-1.579176
-0.000668	-0.275006	-36.397595	
1.00000	-2.280899	-88.883990	-1.579176
-0.000668	-0.930284	-22.620089	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.889877	33.919986	1.854887
0.003092	2.002264	67.667662	
0.57745	12.889877	33.919986	1.854887
0.003092	1.224409	54.749272	
0.71830	12.889877	33.919986	1.854887
0.003092	0.447179	46.589865	
0.85915	12.889877	33.919986	1.854887
0.003092	0.341834	55.238299	
1.00000	12.889877	33.919986	1.854887
0.003092	1.121175	87.295888	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-4.938750	-129.236855	-1.862015
-0.003311	-2.606723	-159.137483	
0.57745	-4.938750	-129.236855	-1.862015
-0.003311	-1.227465	-106.048891	
0.71830	-4.938750	-129.236855	-1.862015
-0.003311	-0.448045	-60.937184	
0.85915	-4.938750	-129.236855	-1.862015
-0.003311	-0.333233	-30.922402	
1.00000	-4.938750	-129.236855	-1.862015
-0.003311	-1.106925	-21.950880	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3229

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	6.475464	2.720311	0.552573
0.000657	0.598678	4.423543	
0.57745	6.475464	2.720311	0.552573
0.000657	0.366901	3.385072	
0.71830	6.475464	2.720311	0.552573
0.000657	0.135208	2.433537	
0.85915	6.475464	2.720311	0.552573
0.000657	0.106166	2.599038	
1.00000	6.475464	2.720311	0.552573
0.000657	0.355234	9.461534	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.320479	-40.647555	-0.593674
-8.51E-05	-0.640309	-74.025010	
0.57745	-0.320479	-40.647555	-0.593674
-8.51E-05	-0.391432	-57.256886	
0.71830	-0.320479	-40.647555	-0.593674
-8.51E-05	-0.142458	-40.997036	
0.85915	-0.320479	-40.647555	-0.593674
-8.51E-05	-0.096581	-26.242162	
1.00000	-0.320479	-40.647555	-0.593674
-8.51E-05	-0.328184	-16.838367	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.669172	20.025267	1.084954
0.002888	1.737112	47.161052	
0.57745	9.669172	20.025267	1.084954
0.002888	0.716101	40.143932	
0.71830	9.669172	20.025267	1.084954
0.002888	0.262640	38.798015	
0.85915	9.669172	20.025267	1.084954
0.002888	0.220962	56.982794	
1.00000	9.669172	20.025267	1.084954
0.002888	0.698395	83.963696	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.322573	-105.996302	-1.140747
-0.003531	-1.228217	-118.735924	
0.57745	-2.322573	-105.996302	-1.140747
-0.003531	-0.749943	-75.442070	
0.71830	-2.322573	-105.996302	-1.140747
-0.003531	-0.273012	-40.987384	
0.85915	-2.322573	-105.996302	-1.140747
-0.003531	-0.198311	-21.772828	
1.00000	-2.322573	-105.996302	-1.140747
-0.003531	-0.646525	-9.902982	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.693174	19.738454	1.532950
0.003414	1.655479	45.388360	
0.57745	13.693174	19.738454	1.532950
0.003414	1.012610	38.519682	
0.71830	13.693174	19.738454	1.532950
0.003414	0.371188	36.778832	
0.85915	13.693174	19.738454	1.532950
0.003414	0.296779	53.141852	
1.00000	13.693174	19.738454	1.532950
0.003414	0.957034	86.208988	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.491773	-126.676787	-1.577831
-0.003577	-1.699938	-154.907476	
0.57745	-2.491773	-126.676787	-1.577831
-0.003577	-1.037614	-102.871754	
0.71830	-2.491773	-126.676787	-1.577831
-0.003577	-0.377943	-60.631227	
0.85915	-2.491773	-126.676787	-1.577831
-0.003577	-0.277284	-33.351720	
1.00000	-2.491773	-126.676787	-1.577831
-0.003577	-0.914006	-19.281709	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3230

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.135056	50.982915	1.931208
0.002698	2.084613	88.928853	
0.57745	12.135056	50.982915	1.931208
0.002698	1.274443	68.744767	
0.71830	12.135056	50.982915	1.931208
0.002698	0.465008	52.072062	
0.85915	12.135056	50.982915	1.931208
0.002698	0.353564	48.040645	
1.00000	12.135056	50.982915	1.931208
0.002698	1.166924	71.976746	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-6.725217	-118.228746	-1.942173
-0.003096	-2.096526	-151.147957	
0.57745	-6.725217	-118.228746	-1.942173
-0.003096	-1.281477	-102.408089	
0.71830	-6.725217	-118.228746	-1.942173
-0.003096	-0.468289	-60.284233	
0.85915	-6.725217	-118.228746	-1.942173
-0.003096	-0.345488	-28.773273	
1.00000	-6.725217	-118.228746	-1.942173
-0.003096	-1.152375	-24.126986	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.173857	74.500588	1.078268
0.000500	1.162117	100.498428	
0.57745	1.173857	74.500588	1.078268
0.000500	0.709671	69.453405	
0.71830	1.173857	74.500588	1.078268
0.000500	0.256558	38.597758	
0.85915	1.173857	74.500588	1.078268
0.000500	0.182359	9.310461	
1.00000	1.173857	74.500588	1.078268
0.000500	0.617771	2.233849	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.783831	-8.588719	-1.038041
-0.001310	-1.123464	-20.049955	
0.57745	-8.783831	-8.588719	-1.038041
-0.001310	-0.686052	-16.619954	
0.71830	-8.783831	-8.588719	-1.038041
-0.001310	-0.252841	-13.346953	
0.85915	-8.783831	-8.588719	-1.038041
-0.001310	-0.192656	-11.460145	
1.00000	-8.783831	-8.588719	-1.038041
-0.001310	-0.645480	-29.041258	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.459503	91.331017	1.646353
0.003883	1.772417	141.820704	
0.57745	5.459503	91.331017	1.646353
0.003883	1.188544	105.068365	
0.71830	5.459503	91.331017	1.646353
0.003883	0.392093	75.570332	
0.85915	5.459503	91.331017	1.646353
0.003883	0.309025	71.368444	
1.00000	5.459503	91.331017	1.646353
0.003883	0.982945	90.822491	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.243979	-93.088175	-1.609819
-0.006354	-1.739619	-81.161017	
0.57745	-11.243979	-93.088175	-1.609819
-0.006354	-1.061538	-43.527636	
0.71830	-11.243979	-93.088175	-1.609819
-0.006354	-0.388263	-17.458019	
0.85915	-11.243979	-93.088175	-1.609819
-0.006354	-0.305531	-10.715328	
1.00000	-11.243979	-93.088175	-1.609819
-0.006354	-0.987193	-27.454919	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3231

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.247259	86.178833	1.905912
0.003205	2.054713	134.026847	
0.57745	8.247259	86.178833	1.905912
0.003205	1.255266	99.103300	
0.71830	8.247259	86.178833	1.905912
0.003205	0.456892	69.843165	
0.85915	8.247259	86.178833	1.905912
0.003205	0.354213	61.386714	
1.00000	8.247259	86.178833	1.905912
0.003205	1.150909	79.283243	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.468908	-102.636597	-1.901925
-0.004833	-2.053121	-109.996086	
0.57745	-10.468908	-102.636597	-1.901925
-0.004833	-1.238468	-68.065196	
0.71830	-10.468908	-102.636597	-1.901925
-0.004833	-0.459204	-34.831413	
0.85915	-10.468908	-102.636597	-1.901925
-0.004833	-0.346379	-17.639822	
1.00000	-10.468908	-102.636597	-1.901925
-0.004833	-1.139281	-26.194324	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.927993	73.266476	2.036010
0.003330	2.196756	114.545360	
0.57745	11.927993	73.266476	2.036010
0.003330	1.342665	84.986997	
0.71830	11.927993	73.266476	2.036010
0.003330	0.489544	60.170658	
0.85915	11.927993	73.266476	2.036010
0.003330	0.377710	52.641433	
1.00000	11.927993	73.266476	2.036010
0.003330	1.235213	73.053714	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.038454	-114.878499	-2.047603
-0.004270	-2.209710	-144.382007	
0.57745	-9.038454	-114.878499	-2.047603
-0.004270	-1.350606	-97.207081	
0.71830	-9.038454	-114.878499	-2.047603
-0.004270	-0.493511	-58.663550	
0.85915	-9.038454	-114.878499	-2.047603
-0.004270	-0.367554	-33.552503	
1.00000	-9.038454	-114.878499	-2.047603
-0.004270	-1.216049	-34.300458	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.444705	61.330243	1.004081
0.004195	1.084815	103.871653	
0.57745	9.444705	61.330243	1.004081
0.004195	0.663715	79.199995	
0.71830	9.444705	61.330243	1.004081
0.004195	0.242528	59.868172	
0.85915	9.444705	61.330243	1.004081
0.004195	0.214351	65.590506	
1.00000	9.444705	61.330243	1.004081
0.004195	0.690672	81.999910	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.294877	-111.689967	-1.139125
-0.006011	-1.230347	-122.863218	
0.57745	-7.294877	-111.689967	-1.139125
-0.006011	-0.752611	-76.614166	
0.71830	-7.294877	-111.689967	-1.139125
-0.006011	-0.274874	-46.682102	
0.85915	-7.294877	-111.689967	-1.139125
-0.006011	-0.181914	-34.069492	
1.00000	-7.294877	-111.689967	-1.139125
-0.006011	-0.599585	-28.361052	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3232

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.693174	91.331017	2.036010
0.003883	2.196756	141.820704	
0.57745	13.693174	91.331017	2.036010
0.003883	1.342665	105.068365	
0.71830	13.693174	91.331017	2.036010
0.003883	0.489544	75.570332	
0.85915	13.693174	91.331017	2.036010
0.003883	0.377710	71.368444	
1.00000	13.693174	91.331017	2.036010
0.003883	1.235213	90.822491	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.243979	-129.236855	-2.047603
-0.006354	-2.209710	-159.137483	
0.57745	-11.243979	-129.236855	-2.047603
-0.006354	-1.350606	-106.048891	
0.71830	-11.243979	-129.236855	-2.047603
-0.006354	-0.493511	-65.976132	
0.85915	-11.243979	-129.236855	-2.047603
-0.006354	-0.367554	-42.145135	
1.00000	-11.243979	-129.236855	-2.047603
-0.006354	-1.216049	-34.300458	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.693174	91.331017	2.036010
0.004195	2.196756	141.820704	
0.57745	13.693174	91.331017	2.036010
0.004195	1.342665	105.068365	
0.71830	13.693174	91.331017	2.036010
0.004195	0.489544	75.570332	
0.85915	13.693174	91.331017	2.036010
0.004195	0.377710	71.368444	
1.00000	13.693174	91.331017	2.036010
0.004195	1.235213	90.822491	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.243979	-129.236855	-2.047603
-0.006354	-2.209710	-159.137483	
0.57745	-11.243979	-129.236855	-2.047603
-0.006354	-1.350606	-106.048891	
0.71830	-11.243979	-129.236855	-2.047603
-0.006354	-0.493511	-65.976132	
0.85915	-11.243979	-129.236855	-2.047603
-0.006354	-0.367554	-42.145135	
1.00000	-11.243979	-129.236855	-2.047603
-0.006354	-1.216049	-34.300458	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.693174	91.331017	2.036010
0.004195	2.196756	141.820704	
0.57745	13.693174	91.331017	2.036010
0.004195	1.342665	105.068365	
0.71830	13.693174	91.331017	2.036010
0.004195	0.489544	75.570332	
0.85915	13.693174	91.331017	2.036010
0.004195	0.377710	71.368444	
1.00000	13.693174	91.331017	2.036010
0.004195	1.235213	90.822491	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.243979	-129.236855	-2.047603
-0.006354	-2.209710	-159.137483	
0.57745	-11.243979	-129.236855	-2.047603
-0.006354	-1.350606	-106.048891	
0.71830	-11.243979	-129.236855	-2.047603
-0.006354	-0.493511	-65.976132	
0.85915	-11.243979	-129.236855	-2.047603
-0.006354	-0.367554	-42.145135	
1.00000	-11.243979	-129.236855	-2.047603
-0.006354	-1.216049	-34.300458	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3233

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 303 ========== LENGTH = 2.976557

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.923284	1.900236	0.348279
0.000712	0.207253	10.926791	
0.14081	2.923284	1.900236	0.348279
0.000712	0.061271	19.996867	
0.28163	2.923284	1.900236	0.348279
0.000712	0.086046	29.108150	
0.42244	2.923284	1.900236	0.348279
0.000712	0.235926	38.249826	
0.56325	2.923284	1.900236	0.348279
0.000712	0.385791	47.404198	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.911845	-21.869190	-0.357556
-0.000443	-0.213697	-10.296115	
0.14081	-0.911845	-21.869109	-0.357556
-0.000443	-0.063829	-9.372097	
0.28163	-0.911845	-21.869109	-0.357556
-0.000443	-0.084692	-8.747253	
0.42244	-0.911845	-21.869109	-0.357556
-0.000443	-0.230681	-8.336383	
0.56325	-0.911845	-21.869109	-0.357556
-0.000443	-0.376657	-8.162189	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.523956	4.518991	0.608121
0.001420	0.363311	17.738067	
0.14081	6.523956	4.518991	0.608121
0.001420	0.108477	33.511522	
0.28163	6.523956	4.518991	0.608121
0.001420	0.160555	50.007187	
0.42244	6.523956	4.518991	0.608121
0.001420	0.436165	67.319046	
0.56325	6.523956	4.518991	0.608121
0.001420	0.711802	85.009460	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.777205	-42.715822	-0.657678

```
-0.000795   -0.391553   -28.360560
0.14081     -0.777205   -42.715822    -0.657678
-0.000795   -0.115929   -23.307570
0.28163     -0.777205   -42.715822    -0.657678
-0.000795   -0.146511   -19.141447
0.42244     -0.777205   -42.715822    -0.657678
-0.000795   -0.401410   -15.946572
0.56325     -0.777205   -42.715822    -0.657678
-0.000795   -0.656283   -14.536327

COMB DB-G1-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     7.243395    18.234803     0.817756
0.001660    0.488616    29.611757
0.14081     7.243395    18.234803     0.817756
0.001660    0.145716    44.731930
0.28163     7.243395    18.234803     0.817756
0.001660    0.225744    63.072420
0.42244     7.243395    18.234803     0.817756
0.001660    0.612094    86.339073
0.56325     7.243395    18.234803     0.817756
0.001660    0.998438    109.736262

COMB DB-G1-3 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -1.777790   -56.200798    -0.921780
-0.000558   -0.547117   -19.755097
0.14081    -1.777790   -56.200798    -0.921780
-0.000558   -0.165697   -16.039487
0.28163    -1.777790   -56.200798    -0.921780
-0.000558   -0.196857   -18.695678
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3234

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P           V2          V3
    T           M2          M3
0.42244    -1.777790   -56.200798    -0.921780
-0.000558   -0.539721   -22.722753
0.56325    -1.777790   -56.200798    -0.921780
-0.000558   -0.882464   -27.761846

COMB DB-G1-4 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     7.424514    57.084186     0.928896
0.004265    0.554026    80.196957
0.14081     7.424514    57.084186     0.928896
0.004265    0.166689    90.093023
0.28163     7.424514    57.084186     0.928896
0.004265    0.258465    102.723443
0.42244     7.424514    57.084186     0.928896
0.004265    0.701256    130.579498
0.56325     7.424514    57.084186     0.928896
0.004265    1.144029    162.774897

COMB DB-G1-4 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -5.246445   -77.639689    -1.057423
-0.002935   -0.114576   -9.114576
0.14081    -5.246445   -77.639689    -1.057423
-0.002935   -0.198303   -21.496693
0.28163    -5.246445   -77.639689    -1.057423
-0.002935   -0.224607   -27.770348
0.42244    -5.246445   -77.639689    -1.057423
-0.002935   -0.614053   -36.242090
0.56325    -5.246445   -77.639689    -1.057423
-0.002935   -1.003378   -55.666537

COMB DB-G2-1 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     3.908626    2.241959      0.310871
0.000646    0.186967    6.304680
0.14081     3.908626    2.241959      0.310871
0.000646    0.056640    13.173667
0.28163     3.908626    2.241959      0.310871
0.000646    0.089498    22.551769
0.42244     3.908626    2.241959      0.310871
0.000646    0.246284    32.434184
0.56325     3.908626    2.241959      0.310871
0.000646    0.391553    42.551180

COMB DB-G2-1 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -0.177826   -24.601749    -0.360385
-0.000115   -0.212738   -17.445680
0.14081    -0.177826   -24.601749    -0.360385
-0.000115   -0.061719   -13.345919
0.28163    -0.177826   -24.601749    -0.360385
-0.000115   -0.076685   -9.246494
0.42244    -0.177826   -24.601749    -0.360385
-0.000115   -0.204005   -9.300377
0.56325    -0.177826   -24.601749    -0.360385
-0.000115   -0.334280   -8.461871

COMB DB-G2-2 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     4.746082    61.036020     0.599940
0.004770    0.359036    78.522925
0.14081     4.746082    61.036020     0.599940
0.004770    0.110378    66.748512
0.28163     4.746082    61.036020     0.599940
0.004770    0.178792    58.634211
0.42244     4.746082    61.036020     0.599940
0.004770    0.482434    71.168593
0.56325     4.746082    61.036020     0.599940
0.004770    0.786086    89.635703

COMB DB-G2-2 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -4.433103   -45.189868    -0.725850
-0.003117   -0.447934   -9.346956
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3235

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P           V2          V3
    T           M2          M3
0.14081    -4.433103   -45.189868    -0.725850
-0.003117   -0.143949   -8.230878
0.28163    -4.433103   -45.189868    -0.725850
-0.003117   -0.143855   -11.901750
0.42244    -4.433103   -45.189868    -0.725850
-0.003117   -0.395433   -18.290797
0.56325    -4.433103   -45.189868    -0.725850
-0.003117   -0.646876   -39.498013

COMB DB-G2-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     6.954421    56.242895     0.798913
0.004875    0.477168    78.041536
0.14081     6.954421    56.242895     0.798913
0.004875    0.144818    74.950613
0.28163     6.954421    56.242895     0.798913
0.004875    0.231010    75.260653
0.42244     6.954421    56.242895     0.798913
0.004875    0.624846    94.152315
0.56325     6.954421    56.242895     0.798913
0.004875    1.018671    118.389654

COMB DB-G2-3 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -4.210448   -58.872190    -0.940882
-0.003140   -0.574278   -17.889180
0.14081    -4.210448   -58.872190    -0.940882
-0.003140   -0.180120   -15.984199
0.28163    -4.210448   -58.872190    -0.940882
-0.003140   -0.192547   -18.254828
0.42244    -4.210448   -58.872190    -0.940882
-0.003140   -0.527478   -22.809333
0.56325    -4.210448   -58.872190    -0.940882
-0.003140   -0.862320   -40.655649

COMB DB-G2-4 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     7.208131    62.145453     0.962803
0.003706    0.574095    87.341452
0.14081     7.208131    62.145453     0.962803
0.003706    0.172077    78.085756
0.28163     7.208131    62.145453     0.962803
0.003706    0.264749    92.033992
0.42244     7.208131    62.145453     0.962803
0.003706    0.717277    119.121114
0.56325     7.208131    62.145453     0.962803
0.003706    1.169795    149.742937

COMB DB-G2-4 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -6.049296   -73.804906    -1.080530
-0.002707   -0.651973   -20.666650
0.14081    -6.049296   -73.804906    -1.080530
-0.002707   -0.199234   -27.630515
0.28163    -6.049296   -73.804906    -1.080530
-0.002707   -0.232955   -38.463165
0.42244    -6.049296   -73.804906    -1.080530
-0.002707   -0.636615   -51.309985
0.56325    -6.049296   -73.804906    -1.080530
-0.002707   -1.040154   -73.034176

COMB DB-G3-1 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     1.200549    44.854780     0.514835
0.000480    0.305926    1.717758
0.14081     1.200549    44.854780     0.514835
0.000480    0.090071    2.369673
0.28163     1.200549    44.854780     0.514835
0.000480    0.119745    3.292856
0.42244     1.200549    44.854780     0.514835
0.000480    0.325420    4.304671
0.56325     1.200549    44.854780     0.514835
0.000480    0.531090    5.428793
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3236

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -5.337682   -7.424648     -0.490699
-0.001172   -0.078618   -13.007310
0.14081    -5.337682   -7.424648     -0.490699
-0.001172   -0.085900   -31.017904
0.28163    -5.337682   -7.424648     -0.490699
-0.001172   -0.125645   -49.349759
0.42244    -5.337682   -7.424648     -0.490699
-0.001172   -0.341437   -67.957945
0.56325    -5.337682   -7.424648     -0.490699
-0.001172   -0.557225   -86.665615

COMB DB-G3-2 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     2.241907    109.349396    0.778816
0.005280    0.462731    82.187376
0.14081     2.241907    109.349396    0.778816
0.005280    0.139759    62.809887
0.28163     2.241907    109.349396    0.778816
0.005280    0.196999    48.682713
0.42244     2.241907    109.349396    0.778816
0.005280    0.534922    54.617546
0.56325     2.241907    109.349396    0.778816
0.005280    0.872836    67.782016

COMB DB-G3-2 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -10.305484   -33.657852    -0.807865
-0.004911   -0.502307   -14.106328
0.14081    -10.305484   -33.657852    -0.807865
-0.004911   -0.163981   -33.964995
0.28163    -10.305484   -33.657852    -0.807865
-0.004911   -0.290109   -54.379575
0.42244    -10.305484   -33.657852    -0.807865
-0.004911   -0.516580   -78.480158
0.56325    -10.305484   -33.657852    -0.807865
-0.004911   -0.843007   -119.693348

COMB DB-G3-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     4.596132    93.977715     0.969599
0.004327    0.577728    66.001778
0.14081     4.596132    93.977715     0.969599
0.004327    0.173602    59.141276
0.28163     4.596132    93.977715     0.969599
0.004327    0.255254    57.317984
0.42244     4.596132    93.977715     0.969599
0.004327    0.691328    73.018325
0.56325     4.596132    93.977715     0.969599
0.004327    1.127386    93.647815

COMB DB-G3-3 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -8.966292   -50.130860    -1.041523
-0.003646   -0.633078   -13.537356
0.14081    -8.966292   -50.130860    -1.041523
-0.003646   -0.196632   -31.727721
0.28163    -8.966292   -50.130860    -1.041523
-0.003646   -0.235052   -54.153179
0.42244    -8.966292   -50.130860    -1.041523
-0.003646   -0.641519   -78.563854
0.56325    -8.966292   -50.130860    -1.041523
-0.003646   -1.047907   -114.951796

COMB DB-G3-4 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     6.557840    79.252389     1.022227
0.004065    0.610022    59.853401
0.14081     6.557840    79.252389     1.022227
0.004065    0.183405    60.597709
0.28163     6.557840    79.252389     1.022227
0.004065    0.272976    65.755145
0.42244     6.557840    79.252389     1.022227
0.004065    0.738810    85.597673
0.56325     6.557840    79.252389     1.022227
0.004065    1.204638    109.594814
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3237

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -7.646571   -58.149860    -1.112393
-0.003274   -0.672182   -23.740323
0.14081    -7.646571   -58.149860    -1.112393
-0.003274   -0.206043   -36.295729
0.28163    -7.646571   -58.149860    -1.112393
-0.003274   -0.247285   -52.663470
0.42244    -7.646571   -58.149860    -1.112393
-0.003274   -0.675608   -71.121565
0.56325    -7.646571   -58.149860    -1.112393
-0.003274   -1.103857   -99.870443

COMB DL-G1-1 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     5.025087    2.993864      0.722423
0.000743    0.429128    17.155842
0.14081     5.025087    2.993864      0.722423
0.000743    0.126288    29.808585
0.28163     5.025087    2.993864      0.722423
0.000743    0.168620    43.234670
0.42244     5.025087    2.993864      0.722423
0.000743    0.462505    56.960754
0.56325     5.025087    2.993864      0.722423
0.000743    0.757221    70.855631

COMB DL-G1-1 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -1.050658   -34.905987    -0.702130
-0.000439   -0.417919   -11.692733
0.14081    -1.050658   -34.905987    -0.702130
-0.000439   -0.212146   -10.405605
0.28163    -1.050658   -34.905987    -0.702130
-0.000439   -0.176385   -9.977866
0.42244    -1.050658   -34.905987    -0.702130
-0.000439   -0.479220   -9.893166
0.56325    -1.050658   -34.905987    -0.702130
-0.000439   -0.782002   -10.059909

COMB DL-G1-2 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     11.274908   5.224347      1.273965
0.001411    0.760776    25.420308
0.14081     11.274908   5.224347      1.273965
0.001411    0.227016    49.416887
0.28163     11.274908   5.224347      1.273965
0.001411    0.293404    75.530143
0.42244     11.274908   5.224347      1.273965
0.001411    0.796389    102.755312
0.56325     11.274908   5.224347      1.273965
0.001411    1.300749    130.908911

COMB DL-G1-2 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -1.179666   -71.881337    -1.202160
-0.000711   -0.712288   -29.750493
0.14081    -1.179666   -71.881337    -1.202160
-0.000711   -0.209152   -23.429747
0.28163    -1.179666   -71.881337    -1.202160
-0.000711   -0.307248   -19.717503
0.42244    -1.179666   -71.881337    -1.202160
-0.000711   -0.841151   -17.895720
0.56325    -1.179666   -71.881337    -1.202160
-0.000711   -1.375142   -17.357719

COMB DL-G1-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     11.965584   17.412974     1.611678
0.001626    0.961139    44.781310
0.14081     11.965584   17.412974     1.611678
0.001626    0.285936    72.374242
0.28163     11.965584   17.412974     1.611678
0.001626    0.376879    103.563601
0.42244     11.965584   17.412974     1.611678
0.001626    1.020343    137.927514
0.56325     11.965584   17.412974     1.611678
0.001626    1.664985    173.098610
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3238

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -2.149631   -88.497796    -1.537006
-0.000547   -0.225559   -22.623695
0.14081    -2.149631   -88.497796    -1.537006
-0.000547   -0.265766   -18.304504
0.28163    -2.149631   -88.497796    -1.537006
-0.000547   -0.388379   -20.115391
0.42244    -2.149631   -88.497796    -1.537006
-0.000547   -1.063526   -23.773694
0.56325    -2.149631   -88.497796    -1.537006
-0.000547   -1.738998   -28.278597

COMB DL-G1-4 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     11.215539   57.390074     1.880196
0.003663    1.119768    87.346967
0.14081     11.215539   57.390074     1.880196
0.003663    0.335403    108.932715
0.28163     11.215539   57.390074     1.880196
0.003663    0.448806    134.060124
0.42244     11.215539   57.390074     1.880196
0.003663    0.562209    159.187534
0.56325     11.215539   57.390074     1.880196
0.003663    1.989175    210.124230

COMB DL-G1-4 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -6.393525   -102.539108   -1.840739
-0.002239   -1.102489   -21.943605
0.14081    -6.393525   -102.539108   -1.840739
-0.002239   -0.331761   -24.706276
0.28163    -6.393525   -102.539108   -1.840739
-0.002239   -0.454559   -33.000497
0.42244    -6.393525   -102.539108   -1.840739
-0.002239   -1.241942   -44.273919
0.56325    -6.393525   -102.539108   -1.840739
-0.002239   -2.030148   -65.351910

COMB DL-G2-1 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     6.374445    2.674562      0.600636
0.000629    0.361168    9.476714
0.14081     6.374445    2.674562      0.600636
0.000629    0.109637    22.037062
0.28163     6.374445    2.674562      0.600636
0.000629    0.136598    36.773867
0.42244     6.374445    2.674562      0.600636
0.000629    0.365389    52.012169
0.56325     6.374445    2.674562      0.600636
0.000629    0.594236    67.723219

COMB DL-G2-1 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -0.297024   -40.232284    -0.546123
-9.57E-05   -0.320991   -16.836943
0.14081    -0.297024   -40.232284    -0.546123
-9.57E-05   0.092060    -12.324738
0.28163    -0.297024   -40.232284    -0.546123
-9.57E-05   -0.142521   -9.703708
0.42244    -0.297024   -40.232284    -0.546123
-9.57E-05   -0.394098   -8.619794
0.56325    -0.297024   -40.232284    -0.546123
-9.57E-05   -0.645874   -8.142153

COMB DL-G2-2 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     7.247071    55.699963     1.127100
0.004255    0.674308    84.022505
0.14081     7.247071    55.699963     1.127100
0.004255    0.207485    84.188916
0.28163     7.247071    55.699963     1.127100
0.004255    0.267801    87.434184
0.42244     7.247071    55.699963     1.127100
0.004255    0.722246    104.790734
0.56325     7.247071    55.699963     1.127100
0.004255    1.177726    129.939114
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3239

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -4.584251   -64.701154    -1.090103
-0.002384   -0.661390   -9.900205
0.14081    -4.584251   -64.701154    -1.090103
-0.002384   -0.205139   -8.296963
0.28163    -4.584251   -64.701154    -1.090103
-0.002384   -0.270184   -11.491521
0.42244    -4.584251   -64.701154    -1.090103
-0.002384   -0.741134   -18.021478
0.56325    -4.584251   -64.701154    -1.090103
-0.002384   -1.213440   -39.176835

COMB DL-G2-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     11.408480   52.034807     1.585004
0.004447    0.947193    86.271600
0.14081     11.408480   52.034807     1.585004
0.004447    0.287902    87.626135
0.28163     11.408480   52.034807     1.585004
0.004447    0.373332    112.319557
0.42244     11.408480   52.034807     1.585004
0.004447    1.009478    139.925511
0.56325     11.408480   52.034807     1.585004
0.004447    1.647654    174.650341

COMB DL-G2-3 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -4.491062   -89.217634    -1.524542
-0.002471   -0.916754   -19.280478
0.14081    -4.491062   -89.217634    -1.524542
-0.002471   -0.272963   -16.552858
0.28163    -4.491062   -89.217634    -1.524542
-0.002471   -0.381377   -18.475427
0.42244    -4.491062   -89.217634    -1.524542
-0.002471   -1.044310   -23.458904
0.56325    -4.491062   -89.217634    -1.524542
-0.002471   -1.708716   -41.837511

COMB DL-G2-4 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     10.750985   70.542315     1.959361
0.003229    1.167216    72.020169
0.14081     10.750985   70.542315     1.959361
0.003229    0.348757    93.864158
0.28163     10.750985   70.542315     1.959361
0.003229    0.468540    118.870749
0.42244     10.750985   70.542315     1.959361
0.003229    1.269903    152.505079
0.56325     10.750985   70.542315     1.959361
0.003229    2.072678    190.649144

COMB DL-G2-4 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -7.967927   -96.058731    -1.916156
-0.002171   -1.144344   -24.109233
0.14081    -7.967927   -96.058731    -1.916156
-0.002171   -0.342082   -35.695547
0.28163    -7.967927   -96.058731    -1.916156
-0.002171   -0.473182   -51.762130
0.42244    -7.967927   -96.058731    -1.916156
-0.002171   -1.253825   -70.136500
0.56325    -7.967927   -96.058731    -1.916156
-0.002171   -2.115260   -96.940347

COMB DL-G3-1 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     1.205632    74.845995     1.053961
0.000457    0.624419    2.231821
0.14081     1.205632    74.845995     1.053961
0.000457    0.182566    3.178397
0.28163     1.205632    74.845995     1.053961
0.000457    0.258019    4.321570
0.42244     1.205632    74.845995     1.053961
0.000457    0.702552    6.692228
0.56325     1.205632    74.845995     1.053961
0.000457    1.147165    10.189569
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD            >
                                3240

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -8.870978   -8.791596     -1.060683
-0.001242   -0.630996   -29.014202
0.14081    -8.870978   -8.791596     -1.060683
-0.001242   -0.186201   -58.883328
0.28163    -8.870978   -8.791596     -1.060683
-0.001242   -0.256341   -88.908915
0.42244    -8.870978   -8.791596     -1.060683
-0.001242   -0.698950   -119.797018
0.56325    -8.870978   -8.791596     -1.060683
-0.001242   -1.140962   -150.972081

COMB DL-G3-2 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     2.251360    142.568909    1.606007
0.005374    0.953325    90.867342
0.14081     2.251360    142.568909    1.606007
0.005374    0.287533    72.796314
0.28163     2.251360    142.568909    1.606007
0.005374    0.395343    58.125017
0.42244     2.251360    142.568909    1.606007
0.005374    1.078507    60.167823
0.56325     2.251360    142.568909    1.606007
0.005374    1.762799    74.005847

COMB DL-G3-2 ------------------- MIN

REL DIST        P           V2          V3
    T           M2          M3
0.00000    -14.626727   -35.437034    -1.637325
-0.004549   -0.998869   -27.420876
0.14081    -14.626727   -35.437034    -1.637325
-0.004549   -0.313083   -59.146879
0.28163    -14.626727   -35.437034    -1.637325
-0.004549   -0.391176   -92.527546
0.42244    -14.626727   -35.437034    -1.637325
-0.004549   -1.063606   -130.956425
0.56325    -14.626727   -35.437034    -1.637325
-0.004549   -1.736956   -189.175853

COMB DL-G3-3 ------------------- MAX

REL DIST        P           V2          V3
    T           M2          M3
0.00000     5.862395    123.120843    1.903985
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 0.004483    1.132782   79.333285
 0.14081     5.862395  123.120843     1.903985
 0.004483    0.340352   78.162674
 0.28163     5.862395  123.120843     1.903985
 0.004483    0.461792   80.786762
 0.42244     5.862395  123.120843     1.903985
 0.004483    1.253984   97.237982
 0.56325     5.862395  123.120843     1.903985
 0.004483    2.047038  121.305781

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -12.894849  -60.932588     -1.895317
-0.003516   -1.142541   -26.164447
 0.14081  -12.894849  -60.932588     -1.895317
-0.003516   -0.348463   -55.252943
 0.28163  -12.894849  -60.932588     -1.895317
-0.003516   -0.461144   -87.976905
 0.42244  -12.894849  -60.932588     -1.895317
-0.003516   -1.258509  -123.498031
 0.56325  -12.894849  -60.932588     -1.895317
-0.003516   -2.056639  -173.647502

COMB DL-G3-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000    9.865560  103.918491     2.060099
 0.004214    1.227855   73.104232
 0.14081    9.865560  103.918491     2.060099
 0.004214    0.368999   81.927869
 0.28163    9.865560  103.918491     2.060099
 0.004214    0.492993   94.757322
 0.42244    9.865560  103.918491     2.060099
 0.004214    1.336480  119.432458
 0.56325    9.865560  103.918491     2.060099
 0.004214    2.180153  150.759330
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3241

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -11.017046  -80.057757     -2.017865
-0.003160   -1.210346   -34.275254
 0.14081  -11.017046  -80.057757     -2.017865
-0.003160   -0.365345   -55.574667
 0.28163  -11.017046  -80.057757     -2.017865
-0.003160   -0.497484   -80.956476
 0.42244  -11.017046  -80.057757     -2.017865
-0.003160   -1.360459  -109.245375
 0.56325  -11.017046  -80.057757     -2.017865
-0.003160   -2.223980  -150.008921

COMB      DB -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000    7.424514  109.349396     1.022227
 0.005280    0.610022   82.187376
 0.14081    7.424514  109.349396     1.022227
 0.005280    0.183405   90.093023
 0.28163    7.424514  109.349396     1.022227
 0.005280    0.272976  102.723443
 0.42244    7.424514  109.349396     1.022227
 0.005280    0.738810  130.579498
 0.56325    7.424514  109.349396     1.022227
 0.005280    1.204638  162.774897

COMB      DB -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -10.305484  -77.639689     -1.112393
-0.004911   -0.672182   -28.360560
 0.14081  -10.305484  -77.639689     -1.112393
-0.004911   -0.206043   -36.295729
 0.28163  -10.305484  -77.639689     -1.112393
-0.004911   -0.247285   -54.737975
 0.42244  -10.305484  -77.639689     -1.112393
-0.004911   -0.675608   -78.563854
 0.56325  -10.305484  -77.639689     -1.112393
-0.004911   -1.103857  -119.693348

COMB      DL -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   11.965584  142.568909     2.060099
 0.005374    0.867342   90.867342
 0.14081   11.965584  142.568909     2.060099
 0.005374    0.368999  108.932715
 0.28163   11.965584  142.568909     2.060099
 0.005374    0.492993  134.060124
 0.42244   11.965584  142.568909     2.060099
 0.005374    1.336480  169.384134
 0.56325   11.965584  142.568909     2.060099
 0.005374    2.181383  210.124230

COMB      DL -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -14.626727  -102.539108     -2.017865
-0.004549   -1.210346   -34.275254
 0.14081  -14.626727  -102.539108     -2.017865
-0.004549   -0.365345   -59.146879
 0.28163  -14.626727  -102.539108     -2.017865
-0.004549   -0.497484   -92.527546
 0.42244  -14.626727  -102.539108     -2.017865
-0.004549   -1.360459  -130.956425
 0.56325  -14.626727  -102.539108     -2.017865
-0.004549   -2.223980  -189.175853

COMB      CAR -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   11.965584  142.568909     2.060099
 0.005374    1.227855   90.867342
 0.14081   11.965584  142.568909     2.060099
 0.005374    0.368999  108.932715
 0.28163   11.965584  142.568909     2.060099
 0.005374    0.492993  134.060124
 0.42244   11.965584  142.568909     2.060099
 0.005374    1.336480  169.384134
 0.56325   11.965584  142.568909     2.060099
 0.005374    2.181383  210.124230
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3242

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -14.626727  -102.539108     -2.017865
-0.004911   -1.210346   -34.275254
 0.14081  -14.626727  -102.539108     -2.017865
-0.004911   -0.365345   -59.146879
 0.28163  -14.626727  -102.539108     -2.017865
-0.004911   -0.497484   -92.527546
 0.42244  -14.626727  -102.539108     -2.017865
-0.004911   -1.360459  -130.956425
 0.56325  -14.626727  -102.539108     -2.017865
-0.004911   -2.223980  -189.175853

COMB    DESIGN -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.00000   11.965584  142.568909     2.060099
 0.005374    1.227855   90.867342
 0.14081   11.965584  142.568909     2.060099
 0.005374    0.368999  108.932715
 0.28163   11.965584  142.568909     2.060099
 0.005374    0.492993  134.060124
 0.42244   11.965584  142.568909     2.060099
 0.005374    0.492993  134.060124
 0.42244   11.965584  142.568909     2.060099
 0.005374    1.336480  169.384134
 0.56325   11.965584  142.568909     2.060099
 0.005374    2.181383  210.124230

COMB    DESIGN -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.00000  -14.626727  -102.539108     -2.017865
-0.004911   -1.210346   -34.275254
 0.14081  -14.626727  -102.539108     -2.017865
-0.004911   -0.365345   -59.146879
 0.28163  -14.626727  -102.539108     -2.017865
-0.004911   -0.497484   -92.527546
 0.42244  -14.626727  -102.539108     -2.017865
-0.004911   -1.360459  -130.956425
 0.56325  -14.626727  -102.539108     -2.017865
-0.004911   -2.223980  -189.175853

ELEM      304 ================== LENGTH
=     2.977473

COMB DB-G1-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    2.464300     2.514851     0.324871
 0.001126    0.361192     2.625284
 0.57746    2.464300     2.514851     0.324871
 0.001126    0.224961     2.629133
 0.71831    2.464300     2.514851     0.324871
 0.001126    0.088698     4.157774
 0.85915    2.464300     2.514851     0.324871
 0.001126    0.049751     7.132170
 1.00000    2.464300     2.514851     0.324871
 0.001126    0.197905    13.033777

COMB DB-G1-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -0.874995  -18.795468     -0.353115
-8.96E-06   -0.394471   -21.919379
 0.57746   -0.874995  -18.795468     -0.353115
-8.96E-06   -0.246403   -22.594821
 0.71831   -0.874995  -18.795468     -0.353115
-8.96E-06   -0.098342   -23.348676
 0.85915   -0.874995  -18.795468     -0.353115
-8.96E-06   -0.047491   -24.169936
 1.00000   -0.874995  -18.795468     -0.353115
-8.96E-06   -0.183770   -25.056893

COMB DB-G1-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    3.491343    11.593590     0.519761
 0.002090    0.578359    11.238457
 0.57746    3.491343    11.593590     0.519761
 0.002090    0.360387     7.615200
 0.71831    3.491343    11.593590     0.519761
 0.002090    0.142370     6.621059
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3243

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
 0.85915    3.491343    11.593590     0.519761
 0.002090    0.095012    10.066249
 1.00000    3.491343    11.593590     0.519761
 0.002090    0.375090    20.347016

COMB DB-G1-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -4.167941  -35.917127     -0.667801
-0.000192   -0.745305   -47.132916
 0.57746   -4.167941  -35.917127     -0.667801
-0.000192   -0.465502   -44.132257
 0.71831   -4.167941  -35.917127     -0.667801
-0.000192   -0.185727   -43.809691
 0.85915   -4.167941  -35.917127     -0.667801
-0.000192   -0.076033   -44.553333
 1.00000   -4.167941  -35.917127     -0.667801
-0.000192   -0.293519   -46.219870

COMB DB-G1-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    3.581279    53.806672     0.632017
 0.001700    0.703801   112.146767
 0.57746    3.581279    53.806672     0.632017
 0.001700    0.438753    90.475583
 0.71831    3.581279    53.806672     0.632017
 0.001700    0.173624    70.633648
 0.85915    3.581279    53.806672     0.632017
 0.001700    0.131902    54.862192
 1.00000    3.581279    53.806672     0.632017
 0.001700    0.524833    45.652152

COMB DB-G1-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -6.947362  -41.417838     -0.936896
-5.95E-06   -1.046851   -60.134064
 0.57746   -6.947362  -41.417838     -0.936896
-5.95E-06   -0.653971   -53.385631
 0.71831   -6.947362  -41.417838     -0.936896
-5.95E-06   -0.261163   -47.981111
 0.85915   -6.947362  -41.417838     -0.936896
-5.95E-06   -0.091114   -42.750414
 1.00000   -6.947362  -41.417838     -0.936896
-5.95E-06   -0.356366   -37.991084

COMB DB-G1-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    8.840569    55.625555     0.751948
 0.004710    0.837583   116.176539
 0.57746    8.840569    55.625555     0.751948
 0.004710    0.522236    94.583043
 0.71831    8.840569    55.625555     0.751948
 0.004710    0.206813    80.267218
 0.85915    8.840569    55.625555     0.751948
 0.004710    0.164023    84.150969
 1.00000    8.840569    55.625555     0.751948
 0.004710    0.611808   104.608709

COMB DB-G1-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -6.755223  -108.368857     -1.069058
-0.003759   -3.184032  -108.099027
 0.57746   -6.755223  -108.368857     -1.069058
-0.003759   -0.740195   -73.088114
 0.71831   -6.755223  -108.368857     -1.069058
-0.003759   -0.296446   -50.909986
 0.85915   -6.755223  -108.368857     -1.069058
-0.003759   -0.115530   -36.066498
 1.00000   -6.755223  -108.368857     -1.069058
-0.003759   -0.423774   -35.490491

COMB DB-G2-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    0.919183    20.196907     0.201133
 0.000737    0.224472    31.727901
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3244

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
       T           M2           M3
 0.57746    0.919183    20.196907     0.201133
 0.000737    0.140114    23.873570
 0.71831    0.919183    20.196907     0.201133
 0.000737    0.055720    16.889334
 0.85915    0.919183    20.196907     0.201133
 0.000737    0.053291    11.704823
 1.00000    0.919183    20.196907     0.201133
 0.000737    0.211431     9.583123

COMB DB-G2-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -4.271995  -17.218472     -0.377084
-1.21E-05   -0.421154   -31.284132
 0.57746   -4.271995  -17.218472     -0.377084
-1.21E-05   -0.263026   -25.410737
 0.71831   -4.271995  -17.218472     -0.377084
-1.21E-05   -0.104974   -21.329769
 0.85915   -4.271995  -17.218472     -0.377084
-1.21E-05   -0.028526   -17.652953
 1.00000   -4.271995  -17.218472     -0.377084
-1.21E-05   -0.112918   -15.006789

COMB DB-G2-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    5.262032    59.924291     0.394050
 0.005069    0.439577   135.587044
 0.57746    5.262032    59.924291     0.394050
 0.005069    0.274320   111.640285
 0.71831    5.262032    59.924291     0.394050
 0.005069    0.108980    95.675858
 0.85915    5.262032    59.924291     0.394050
 0.005069    0.126050    98.412312
 1.00000    5.262032    59.924291     0.394050
 0.005069    0.441933   104.611221

COMB DB-G2-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -6.529862  -80.913687     -0.755122
-0.004405   -0.828163   -69.150185
 0.57746   -6.529862  -80.913687     -0.755122
-0.004405   -0.517592   -38.609692
 0.71831   -6.529862  -80.913687     -0.755122
-0.004405   -0.207096   -25.636921
 0.85915   -6.529862  -80.913687     -0.755122
-0.004405   -0.070080   -18.644264
 1.00000   -6.529862  -80.913687     -0.755122
-0.004405   -0.221410   -12.928075

COMB DB-G2-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    6.327383    56.265391     0.599773
 0.005438    0.668241   123.174029
 0.57746    6.327383    56.265391     0.599773
 0.005438    0.417611   101.365839
 0.71831    6.327383    56.265391     0.599773
 0.005438    0.165101    86.790171
 0.85915    6.327383    56.265391     0.599773
 0.005438    0.154440    90.670290
 1.00000    6.327383    56.265391     0.599773
 0.005438    0.560678   102.449118

COMB DB-G2-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -7.367609  -87.949910     -0.970179
-0.003981   -1.069847   -79.784678
 0.57746   -7.367609  -87.949910     -0.970179
-0.003981   -0.668500   -53.148456
 0.71831   -7.367609  -87.949910     -0.970179
-0.003981   -0.267220   -42.091621
 0.85915   -7.367609  -87.949910     -0.970179
-0.003981   -0.098798   -36.447346
 1.00000   -7.367609  -87.949910     -0.970179
-0.003981   -0.337846   -31.973720
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3245

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    9.094420    63.381031     0.791419
 0.003813    0.881865   124.885200
 0.57746    9.094420    63.381031     0.791419
 0.003813    0.549966   100.105379
 0.71831    9.094420    63.381031     0.791419
 0.003813    0.218065    80.446365
 0.85915    9.094420    63.381031     0.791419
 0.003813    0.163198    75.037015
 1.00000    9.094420    63.381031     0.791419
 0.003813    0.618994    88.440051

COMB DB-G2-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -7.777069  -107.495607     -1.088010
-0.003509   -1.208226   -121.626222
 0.57746   -7.777069  -107.495607     -1.088010
-0.003509   -0.755598   -84.740834
 0.71831   -7.777069  -107.495607     -1.088010
-0.003509   -0.303095   -58.272386
 0.85915   -7.777069  -107.495607     -1.088010
-0.003509   -0.121929   -35.366299
 1.00000   -7.777069  -107.495607     -1.088010
-0.003509   -0.445702   -32.966247

COMB DB-G3-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    5.497014    32.346333     0.496501
 7.10E-06    0.553411    44.715315
 0.57746    5.497014    32.346333     0.496501
 7.10E-06    0.345194    31.335389
 0.71831    5.497014    32.346333     0.496501
 7.10E-06    0.136959    18.074101
 0.85915    5.497014    32.346333     0.496501
 7.10E-06    0.067814     5.594277
 1.00000    5.497014    32.346333     0.496501
 7.10E-06    0.265990     1.926887

COMB DB-G3-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -3.270416  -41.059080     -0.472371
-0.001366   -0.526405   -80.910259
 0.57746   -3.270416  -41.059080     -0.472371
-0.001366   -0.328316   -63.728987
 0.71831   -3.270416  -41.059080     -0.472371
-0.001366   -0.130224   -46.574277
 0.85915   -3.270416  -41.059080     -0.472371
-0.001366   -0.071204   -29.435479
 1.00000   -3.270416  -41.059080     -0.472371
-0.001366   -0.279456   -12.918888

COMB DB-G3-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   11.921178    55.873094     0.700365
 0.005470    0.780632   109.258513
 0.57746   11.921178    55.873094     0.700365
 0.005470    0.486915    87.081381
 0.71831   11.921178    55.873094     0.700365
 0.005470    0.193164    74.208000
 0.85915   11.921178    55.873094     0.700365
 0.005470    0.138198    83.640477
 1.00000   11.921178    55.873094     0.700365
 0.005470    0.473269   101.073796

COMB DB-G3-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -4.611618  -126.688486     -0.800922
-0.006957   -0.874298  -132.652087
 0.57746   -4.611618  -126.688486     -0.800922
-0.006957   -0.545848   -82.252044
 0.71831   -4.611618  -126.688486     -0.800922
-0.006957   -0.217413   -51.478989
 0.85915   -4.611618  -126.688486     -0.800922
-0.006957   -0.117583   -27.832340
 1.00000   -4.611618  -126.688486     -0.800922
-0.006957   -0.394213   -14.943584
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3246

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   10.202346    81.332168     0.790515
 0.004008    0.881502   160.143856
 0.57746   10.202346    81.332168     0.790515
 0.004008    0.549961   127.056437
 0.71831   10.202346    81.332168     0.790515
 0.004008    0.218376   100.460343
 0.85915   10.202346    81.332168     0.790515
 0.004008    0.164766    90.141529
 1.00000   10.202346    81.332168     0.790515
 0.004008    0.602069    88.566609

COMB DB-G3-3 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -7.886920  -114.230143     -1.044130
-0.005074   -1.152268   -139.134042
 0.57746   -7.886920  -114.230143     -1.044130
-0.005074   -0.719491    -93.206403
 0.71831   -7.886920  -114.230143     -1.044130
-0.005074   -0.286766    -60.805963
 0.85915   -7.886920  -114.230143     -1.044130
-0.005074   -0.124621    -33.410356
 1.00000   -7.886920  -114.230143     -1.044130
-0.005074   -0.444553    -16.064840

COMB DB-G3-4 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    9.585527    71.839979     0.846615
 0.004026    0.943614   135.507603
 0.57746    9.585527    71.839979     0.846615
 0.004026    0.588567   106.986179
 0.71831    9.585527    71.839979     0.846615
 0.004026    0.233434    84.331822
 0.85915    9.585527    71.839979     0.846615
 0.004026    0.172817    76.173775
 1.00000    9.585527    71.839979     0.846615
 0.004026    0.643068    78.917004

COMB DB-G3-4 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -8.648201  -107.613710     -1.122408
-0.004206   -1.242095   -133.194032
 0.57746   -8.648201  -107.613710     -1.122408
-0.004206   -0.775611    -94.622193
 0.71831   -8.648201  -107.613710     -1.122408
-0.004206   -0.309178    -68.034379
 0.85915   -8.648201  -107.613710     -1.122408
-0.004206   -0.131036    -46.002690
 1.00000   -8.648201  -107.613710     -1.122408
-0.004206   -0.476545    -32.201908

COMB DL-G1-1 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    4.767641     3.491740     0.586872
 0.001209    0.654571     4.112421
 0.57746    4.767641     3.491740     0.586872
 0.001209    0.408466     4.054923
 0.71831    4.767641     3.491740     0.586872
 0.001209    0.162232     4.638589
 0.85915    4.767641     3.491740     0.586872
 0.001209    0.094502    10.235780
 1.00000    4.767641     3.491740     0.586872
 0.001209    0.372430    19.282832

COMB DL-G1-1 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -1.077158   -26.568408     -0.664463
-6.28E-06   -0.740169    -44.146809
 0.57746   -1.077158   -26.568408     -0.664463
-6.28E-06   -0.461036    -36.915474
 0.71831   -1.077158   -26.568408     -0.664463
-6.28E-06   -0.182811    -30.172643
 0.85915   -1.077158   -26.568408     -0.664463
-6.28E-06   -0.083604    -28.052230
 1.00000   -1.077158   -26.568408     -0.664463
-6.28E-06   -0.329872    -28.155975
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD            >
                                   3247

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    6.124946    12.076219     0.988501
 0.002095    1.103058    12.034552
 0.57746    6.124946    12.076219     0.988501
 0.002095    0.688548     8.730259
 0.71831    6.124946    12.076219     0.988501
 0.002095    0.274037     7.213938
 0.85915    6.124946    12.076219     0.988501
 0.002095    0.167664    13.147558
 1.00000    6.124946    12.076219     0.988501
 0.002095    0.659036    27.606303

COMB DL-G1-2 -------------------- MIN

REL DIST            P            V2           V3
       T           M2           M3
 0.43661   -4.112638   -49.197667     -1.175009
-0.000111   -1.309179    -85.793025
 0.57746   -4.112638   -49.197667     -1.175009
-0.000111   -0.815912    -71.261911
 0.71831   -4.112638   -49.197667     -1.175009
-0.000111   -0.324094    -57.844303
 0.85915   -4.112638   -49.197667     -1.175009
-0.000111   -0.140585    -50.509568
 1.00000   -4.112638   -49.197667     -1.175009
-0.000111   -0.555395    -49.139908

COMB DL-G1-3 -------------------- MAX

REL DIST            P            V2           V3
       T           M2           M3
 0.43661    6.279010    47.233780     1.215699
 0.001780    1.356003   104.553581
 0.57746    6.279010    47.233780     1.215699
 0.001780    0.846397    87.200756
 0.71831    6.279010    47.233780     1.215699
 0.001780    0.336609    71.176439
 0.85915    6.279010    47.233780     1.215699
 0.001780    0.213735    61.255171
 1.00000    6.279010    47.233780     1.215699
 0.001780    0.846650    60.111770

COMB DL-G1-3 -------------------- MIN
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REL DIST	P	V2	V3
T	M2	M3	
0.43661	-6.569765	-56.164665	-1.512595
-1.40E-05	-1.687391	-93.532899	
0.57746	-6.569765	-56.164665	-1.512595
-1.40E-05	-1.052587	-76.043959	
0.71831	-6.569765	-56.164665	-1.512595
-1.40E-05	-0.418947	-59.108167	
0.85915	-6.569765	-56.164665	-1.512595
-1.40E-05	-0.170989	-47.178169	
1.00000	-6.569765	-56.164665	-1.512595
-1.40E-05	-0.680918	-41.407480	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.132321	54.558574	1.476880
0.004000	1.643097	118.718025	
0.57746	10.132321	54.558574	1.476880
0.004000	1.025378	99.102605	
0.71831	10.132321	54.558574	1.476880
0.004000	0.406466	85.717723	
0.85915	10.132321	54.558574	1.476880
0.004000	0.264834	89.158567	
1.00000	10.132321	54.558574	1.476880
0.004000	1.014222	110.713292	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.153481	-108.326168	-1.790795
-0.003236	-1.990504	-128.078583	
0.57746	-7.153481	-108.326168	-1.790795
-0.003236	-1.242575	-88.640583	
0.71831	-7.153481	-108.326168	-1.790795
-0.003236	-0.495720	-58.795354	
0.85915	-7.153481	-108.326168	-1.790795
-0.003236	-0.220965	-40.010281	
1.00000	-7.153481	-108.326168	-1.790795
-0.003236	-0.836370	-38.904761	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.102833	16.738419	0.420150
0.000679	0.469456	27.467536	
0.57746	1.102833	16.738419	0.420150
0.000679	0.293324	21.257843	
0.71831	1.102833	16.738419	0.420150
0.000679	0.117225	15.594925	
0.85915	1.102833	16.738419	0.420150
0.000679	0.079108	10.973553	
1.00000	1.102833	16.738419	0.420150
0.000679	0.314034	11.393017	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-3.813356	-22.852373	-0.560073
-7.49E-06	-0.625347	-40.743649	
0.57746	-3.813356	-22.852373	-0.560073
-7.49E-06	-0.390490	-32.732815	
0.71831	-3.813356	-22.852373	-0.560073
-7.49E-06	-0.155600	-25.099026	
0.85915	-3.813356	-22.852373	-0.560073
-7.49E-06	-0.059273	-17.969349	
1.00000	-3.813356	-22.852373	-0.560073
-7.49E-06	-0.235155	-14.761651	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	5.183855	51.770670	0.817387
0.004376	0.908685	126.266588	
0.57746	5.183855	51.770670	0.817387
0.004376	0.567065	107.136201	
0.71831	5.183855	51.770670	0.817387
0.004376	0.225536	95.502944	
0.85915	5.183855	51.770670	0.817387
0.004376	0.136342	98.548761	
1.00000	5.183855	51.770670	0.817387
0.004376	0.632411	106.836672	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-6.087148	-79.096436	-1.095893
-0.004072	-1.210395	-75.165859	
0.57746	-6.087148	-79.096436	-1.095893
-0.004072	-0.756399	-45.081374	
0.71831	-6.087148	-79.096436	-1.095893
-0.004072	-0.302209	-18.662279	
0.85915	-6.087148	-79.096436	-1.095893
-0.004072	-0.132534	-18.651446	
1.00000	-6.087148	-79.096436	-1.095893
-0.004072	-0.468385	-12.615019	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.518155	49.183385	1.188293
0.004887	1.322876	115.440898	
0.57746	7.518155	49.183385	1.188293
0.004887	0.825617	97.958113	
0.71831	7.518155	49.183385	1.188293
0.004887	0.328344	87.253456	
0.85915	7.518155	49.183385	1.188293
0.004887	0.231506	92.445032	
1.00000	7.518155	49.183385	1.188293
0.004887	0.864945	108.150410	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-6.969445	-92.714431	-1.513921
-0.003685	-1.677128	-105.151575	
0.57746	-6.969445	-92.714431	-1.513921
-0.003685	-1.046696	-71.956230	
0.71831	-6.969445	-92.714431	-1.513921
-0.003685	-0.417197	-51.164470	
0.85915	-6.969445	-92.714431	-1.513921
-0.003685	-0.183886	-38.331936	
1.00000	-6.969445	-92.714431	-1.513921
-0.003685	-0.675917	-33.194205	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.374674	64.718299	1.555688
0.003272	1.731732	129.205390	
0.57746	9.374674	64.718299	1.555688
0.003272	1.079824	104.699744	
0.71831	9.374674	64.718299	1.555688
0.003272	0.427915	84.262562	
0.85915	9.374674	64.718299	1.555688
0.003272	0.271412	76.572460	
1.00000	9.374674	64.718299	1.555688
0.003272	1.051406	92.578171	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.569102	-105.748561	-1.862076
-0.003171	-2.073286	-133.940688	
0.57746	-8.569102	-105.748561	-1.862076
-0.003171	-1.294915	-94.222536	
0.71831	-8.569102	-105.748561	-1.862076
-0.003171	-0.517459	-62.111641	
0.85915	-8.569102	-105.748561	-1.862076
-0.003171	-0.230767	-36.417974	
1.00000	-8.569102	-105.748561	-1.862076
-0.003171	-0.879701	-35.550032	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	4.616195	46.770629	0.936207
4.23E-06	1.040836	59.966812	
0.57746	4.616195	46.770629	0.936207
4.23E-06	0.648127	40.554492	
0.71831	4.616195	46.770629	0.936207
4.23E-06	0.254381	21.477520	
0.85915	4.616195	46.770629	0.936207
4.23E-06	0.137250	5.228436	
1.00000	4.616195	46.770629	0.936207
4.23E-06	0.551931	2.248619	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-5.385459	-34.842984	-0.988512
-0.001480	-1.106187	-69.757531	
0.57746	-5.385459	-34.842984	-0.988512
-0.001480	-0.591566	-55.311940	
0.71831	-5.385459	-34.842984	-0.988512
-0.001480	-0.277081	-41.085413	
0.85915	-5.385459	-34.842984	-0.988512
-0.001480	-0.135048	-29.412265	
1.00000	-5.385459	-34.842984	-0.988512
-0.001480	-0.527892	-28.081756	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.747831	69.636824	1.387553
0.005455	1.593326	125.714644	
0.57746	10.747831	69.636824	1.387553
0.005455	0.958479	98.464904	
0.71831	10.747831	69.636824	1.387553
0.005455	0.376864	81.698679	
0.85915	10.747831	69.636824	1.387553
0.005455	0.244241	87.202102	
1.00000	10.747831	69.636824	1.387553
0.005455	0.892969	107.544984	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.025141	-116.414846	-1.549600
-0.007421	-1.713207	-119.121897	
0.57746	-7.025141	-116.414846	-1.549600
-0.007421	-1.071085	-72.070215	
0.71831	-7.025141	-116.414846	-1.549600
-0.007421	-0.429095	-44.325029	
0.85915	-7.025141	-116.414846	-1.549600
-0.007421	-0.225246	-27.516017	
1.00000	-7.025141	-116.414846	-1.549600
-0.007421	-0.798097	-26.277817	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.538884	86.191891	1.553219
0.004161	1.725890	163.565983	
0.57746	9.538884	86.191891	1.553219
0.004161	1.075595	129.723828	
0.71831	9.538884	86.191891	1.553219
0.004161	0.424507	103.455362	
0.85915	9.538884	86.191891	1.553219
0.004161	0.274786	93.847703	
1.00000	9.538884	86.191891	1.553219
0.004161	1.038390	99.879207	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.547817	-110.497263	-1.822999
-0.005628	-2.024478	-128.272523	
0.57746	-9.547817	-110.497263	-1.822999
-0.005628	-1.265582	-84.149751	
0.71831	-9.547817	-110.497263	-1.822999
-0.005628	-0.506711	-53.974079	
0.85915	-9.547817	-110.497263	-1.822999
-0.005628	-0.239908	-31.997481	
1.00000	-9.547817	-110.497263	-1.822999
-0.005628	-0.884664	-25.611013	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.677932	75.722739	1.656770
0.004179	1.842810	138.895682	
0.57746	9.677932	75.722739	1.656770
0.004179	1.148826	109.775054	
0.71831	9.677932	75.722739	1.656770
0.004179	0.454233	87.165078	
0.85915	9.677932	75.722739	1.656770
0.004179	0.291177	79.727673	
1.00000	9.677932	75.722739	1.656770
0.004179	1.110956	90.445360	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.959010	-110.086440	-1.957401
-0.004676	-2.175582	-141.597871	
0.57746	-9.959010	-110.086440	-1.957401
-0.004676	-1.359045	-99.540471	
0.71831	-9.959010	-110.086440	-1.957401
-0.004676	-0.543208	-69.145103	
0.85915	-9.959010	-110.086440	-1.957401
-0.004676	-0.251205	-46.396060	
1.00000	-9.959010	-110.086440	-1.957401
-0.004676	-0.940610	-40.403734	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.921178	81.332168	0.846615
0.005470	0.943614	160.143856	
0.57746	11.921178	81.332168	0.846615
0.005470	0.588567	127.056437	
0.71831	11.921178	81.332168	0.846615
0.005470	0.233434	100.460343	
0.85915	11.921178	81.332168	0.846615
0.005470	0.172817	98.412312	
1.00000	11.921178	81.332168	0.846615
0.005470	0.643068	104.611221	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.648201	-126.688486	-1.122408
-0.006957	-1.242095	-139.134042	
0.57746	-8.648201	-126.688486	-1.122408
-0.006957	-0.775611	-94.622193	
0.71831	-8.648201	-126.688486	-1.122408
-0.006957	-0.309178	-68.243379	
0.85915	-8.648201	-126.688486	-1.122408
-0.006957	-0.131036	-46.002690	
1.00000	-8.648201	-126.688486	-1.122408
-0.006957	-0.476545	-46.219870	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.747831	86.191891	1.656770
0.005455	1.842810	163.565983	
0.57746	10.747831	86.191891	1.656770
0.005455	1.148826	129.723828	
0.71831	10.747831	86.191891	1.656770
0.005455	0.454233	103.455362	
0.85915	10.747831	86.191891	1.656770
0.005455	0.291177	98.548761	
1.00000	10.747831	86.191891	1.656770
0.005455	1.110956	110.713292	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.959010	-116.414846	-1.957401
-0.007421	-2.175582	-141.597871	
0.57746	-9.959010	-116.414846	-1.957401
-0.007421	-1.359045	-99.540471	
0.71831	-9.959010	-116.414846	-1.957401
-0.007421	-0.543208	-69.145103	
0.85915	-9.959010	-116.414846	-1.957401
-0.007421	-0.251205	-50.509568	
1.00000	-9.959010	-116.414846	-1.957401
-0.007421	-0.940610	-49.139908	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.921178	86.191891	1.656770
0.005470	1.842810	163.565983	
0.57746	11.921178	86.191891	1.656770
0.005470	1.148826	129.723828	
0.71831	11.921178	86.191891	1.656770
0.005470	0.454233	103.455362	
0.85915	11.921178	86.191891	1.656770
0.005470	0.291177	98.548761	
1.00000	11.921178	86.191891	1.656770
0.005470	1.110956	110.713292	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.959010	-126.688486	-1.957401
-0.007421	-2.175582	-141.597871	
0.57746	-9.959010	-126.688486	-1.957401
-0.007421	-1.359045	-99.540471	
0.71831	-9.959010	-126.688486	-1.957401
-0.007421	-0.543208	-69.145103	
0.85915	-9.959010	-126.688486	-1.957401
-0.007421	-0.251205	-50.509568	
1.00000	-9.959010	-126.688486	-1.957401
-0.007421	-0.940610	-49.139908	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.921178	86.191891	1.656770
0.005470	1.842810	163.565983	
0.57746	11.921178	86.191891	1.656770
0.005470	1.148826	129.723828	
0.71831	11.921178	86.191891	1.656770
0.005470	0.454233	103.455362	
0.85915	11.921178	86.191891	1.656770
0.005470	0.291177	98.548761	
1.00000	11.921178	86.191891	1.656770
0.005470	1.110956	110.713292	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.959010	-126.688486	-1.957401
-0.007421	-2.175582	-141.597871	
0.57746	-9.959010	-126.688486	-1.957401
-0.007421	-1.359045	-99.540471	
0.71831	-9.959010	-126.688486	-1.957401
-0.007421	-0.543208	-69.145103	
0.85915	-9.959010	-126.688486	-1.957401
-0.007421	-0.251205	-50.509568	
1.00000	-9.959010	-126.688486	-1.957401
-0.007421	-0.940610	-49.139908	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 305 ========== LENGTH = 2.977542

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.436402	2.571217	0.317458
0.000764	0.176825	13.044560	
0.14085	2.436402	2.571217	0.317458
0.000764	0.043590	20.610324	
0.28170	2.436402	2.571217	0.317458
0.000764	0.096399	28.311230	
0.42255	2.436402	2.571217	0.317458
0.000764	0.236934	36.051519	
0.56340	2.436402	2.571217	0.317458
0.000764	0.377471	43.834063	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.872297	-18.602890	-0.335125
-0.000169	-0.184819	-25.061386	
0.14085	-0.872297	-18.602890	-0.335125
-0.000169	-0.044334	-25.985575	
0.28170	-0.872297	-18.602890	-0.335125
-0.000169	-0.096441	-26.935538	
0.42255	-0.872297	-18.602890	-0.335125
-0.000169	-0.222587	-27.907546	
0.56340	-0.872297	-18.602890	-0.335125
-0.000169	-0.355725	-28.928573	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.360868	13.138118	0.512913
0.001560	0.286237	20.377086	
0.14085	3.360868	13.138118	0.512913
0.001560	0.071545	31.979313	
0.28170	3.360868	13.138118	0.512913
0.001560	0.181199	44.572467	
0.42255	3.360868	13.138118	0.512913
0.001560	0.445050	57.962572	
0.56340	3.360868	13.138118	0.512913
0.001560	0.708934	71.853857	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.238416	-33.797549	-0.629821
-0.000177	-0.347843	-46.228535	
0.14085	-4.238416	-33.797549	-0.629821
-0.000177	-0.083898	-48.536758	
0.28170	-4.238416	-33.797549	-0.629821
-0.000177	-0.143927	-51.275239	
0.42255	-4.238416	-33.797549	-0.629821
-0.000177	-0.359084	-54.717251	
0.56340	-4.238416	-33.797549	-0.629821
-0.000177	-0.574196	-59.180894	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.557928	53.145378	0.630573
0.001771	0.352576	45.657927	
0.14085	3.557928	53.145378	0.630573
0.001771	0.087933	48.621047	
0.28170	3.557928	53.145378	0.630573
0.001771	0.256090	58.531995	
0.42255	3.557928	53.145378	0.630573
0.001771	0.630029	70.036775	
0.56340	3.557928	53.145378	0.630573
0.001771	1.003988	82.098367	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.885846	-41.180190	-0.891702
-5.91E-06	-0.492178	-37.991573	
0.14085	-6.885846	-41.180190	-0.891702
-5.91E-06	-0.118393	-37.547038	
0.28170	-6.885846	-41.180190	-0.891702
-5.91E-06	-0.176234	-53.429248	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-6.885846	-41.180190	-0.891702
-5.91E-06	-0.440776	-73.944615	
0.56340	-6.885846	-41.180190	-0.891702
-5.91E-06	-0.705229	-95.428966	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.590622	89.523068	0.746555
0.004637	0.418938	104.882108	
0.14085	6.590622	89.523068	0.746555
0.004637	0.114039	105.710831	
0.28170	6.590622	89.523068	0.746555
0.004637	0.294715	112.206908	
0.42255	6.590622	89.523068	0.746555
0.004637	0.727718	130.054391	
0.56340	6.590622	89.523068	0.746555
0.004637	1.160787	155.057160	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.410860	-71.471997	-1.044131
-0.003669	-0.592676	-35.479810	
0.14085	-8.410860	-71.471997	-1.044131
-0.003669	-0.155566	-38.885686	
0.28170	-8.410860	-71.471997	-1.044131
-0.003669	-0.209154	-56.129763	
0.42255	-8.410860	-71.471997	-1.044131
-0.003669	-0.522336	-76.903536	
0.56340	-8.410860	-71.471997	-1.044131
-0.003669	-0.835429	-108.685494	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.911470	19.949610	0.206957
0.000710	0.116336	9.586309	
0.14085	0.911470	19.949610	0.206957
0.000710	0.029505	11.802561	
0.28170	0.911470	19.949610	0.206957
0.000710	0.102301	15.164874	
0.42255	0.911470	19.949610	0.206957
0.000710	0.251498	21.564345	
0.56340	0.911470	19.949610	0.206957
0.000710	0.400744	28.465106	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.248586	-17.127944	-0.355890
-9.00E-06	-0.196328	-15.008063	
0.14085	-4.248586	-17.127944	-0.355890
-9.00E-06	-0.047236	-18.894828	
0.28170	-4.248586	-17.127944	-0.355890
-9.00E-06	-0.057187	-24.949128	
0.42255	-4.248586	-17.127944	-0.355890
-9.00E-06	-0.144028	-32.221432	
0.56340	-4.248586	-17.127944	-0.355890
-9.00E-06	-0.230829	-39.955467	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.153074	106.327436	0.399555
0.005383	0.223980	104.899063	
0.14085	2.153074	106.327436	0.399555
0.005383	0.070456	78.241726	
0.28170	2.153074	106.327436	0.399555
0.005383	0.204676	58.968683	
0.42255	2.153074	106.327436	0.399555
0.005383	0.504584	55.175546	
0.56340	2.153074	106.327436	0.399555
0.005383	0.804550	61.158599	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.794406	-30.073653	-0.730944
-0.004593	-0.424066	-12.918376	
Program SAP2000 Nonlinear Version 7.42			
File:하행S06-S1003.OUT			

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-8.794406	-30.073653	-0.730944
-0.004593	-0.118443	-11.937068	
0.28170	-8.794406	-30.073653	-0.730944
-0.004593	-0.111043	-29.277300	
0.42255	-8.794406	-30.073653	-0.730944
-0.004593	-0.278710	-51.130859	
0.56340	-8.794406	-30.073653	-0.730944
-0.004593	-0.446276	-87.994457	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.511889	98.177324	0.599845
0.005470	0.335484	102.713615	
0.14085	3.511889	98.177324	0.599845
0.005470	0.096468	84.943922	
0.28170	3.511889	98.177324	0.599845
0.005470	0.263015	73.740745	
0.42255	3.511889	98.177324	0.599845
0.005470	0.647508	76.481226	
0.56340	3.511889	98.177324	0.599845
0.005470	1.032056	88.154732	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.406696	-41.920584	-0.931113
-0.004151	-0.532198	-31.968438	
0.14085	-9.406696	-41.920584	-0.931113
-0.004151	-0.142599	-31.810558	
0.28170	-9.406696	-41.920584	-0.931113
-0.004151	-0.167536	-48.632379	
0.42255	-9.406696	-41.920584	-0.931113
-0.004151	-0.419202	-69.187348	
0.56340	-9.406696	-41.920584	-0.931113
-0.004151	-0.670767	-103.315243	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.284284	90.793679	0.786620
0.003869	0.439422	88.604457	
0.14085	7.284284	90.793679	0.786620
0.003869	0.117676	95.257610	
0.28170	7.284284	90.793679	0.786620
0.003869	0.302948	107.556179	
0.42255	7.284284	90.793679	0.786620
0.003869	0.749537	129.309218	
0.56340	7.284284	90.793679	0.786620
0.003869	1.196241	156.950309	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.117443	-77.777676	-1.074444
-0.003405	-0.607837	-32.950199	
0.14085	-9.117443	-77.777676	-1.074444
-0.003405	-0.157929	-39.258247	
0.28170	-9.117443	-77.777676	-1.074444
-0.003405	-0.220270	-59.818965	
0.42255	-9.117443	-77.777676	-1.074444
-0.003405	-0.550260	-83.897187	
0.56340	-9.117443	-77.777676	-1.074444
-0.003405	-0.880157	-117.090998	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.538429	32.457834	0.488886
2.02E-05	0.272645	1.927181	
0.14085	5.538429	32.457834	0.488886
2.02E-05	0.067683	6.577367	
0.28170	5.538429	32.457834	0.488886
2.02E-05	0.130601	23.460363	
0.42255	5.538429	32.457834	0.488886
2.02E-05	0.325525	40.692725	
0.56340	5.538429	32.457834	0.488886
2.02E-05	0.520899	57.988262	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3255

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.290105	-41.487697	-0.466787
-0.001309	-0.262398	-12.933143	
0.14085	-3.290105	-41.487697	-0.466787
-0.001309	-0.066682	-24.985185	
0.28170	-3.290105	-41.487697	-0.466787
-0.001309	-0.137400	-37.722035	
0.42255	-3.290105	-41.487697	-0.466787
-0.001309	-0.342451	-51.074724	
0.56340	-3.290105	-41.487697	-0.466787
-0.001309	-0.547483	-64.564160	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.206199	113.177501	0.689425
0.005446	0.384396	101.427779	
0.14085	8.206199	113.177501	0.689425
0.005446	0.112472	88.679809	
0.28170	8.206199	113.177501	0.689425
0.005446	0.022798	84.345598	
0.42255	8.206199	113.177501	0.689425
0.005446	0.556438	98.145085	
0.56340	8.206199	113.177501	0.689425
0.005446	0.890213	123.391511	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.449940	-65.478586	-0.815012
-0.007013	-0.480057	-14.914466	
0.14085	-7.449940	-65.478586	-0.815012
-0.007013	-0.139255	-29.392971	
0.28170	-7.449940	-65.478586	-0.815012
-0.007013	-0.193826	-44.778251	
0.42255	-7.449940	-65.478586	-0.815012
-0.007013	-0.483006	-65.371156	
0.56340	-7.449940	-65.478586	-0.815012
-0.007013	-0.772139	-103.950684	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.656957	120.198283	0.788549
0.004360	0.440708	88.802049	
0.14085	7.656957	120.198283	0.788549
0.004360	0.121674	82.514487	
0.28170	7.656957	120.198283	0.788549
0.004360	0.290236	85.635675	
0.42255	7.656957	120.198283	0.788549
0.004360	0.721753	101.848421	
0.56340	7.656957	120.198283	0.788549
0.004360	1.153394	126.479632	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.798087	-72.360250	-1.042338
-0.005096	-0.597507	-16.935530	
0.14085	-9.798087	-72.360250	-1.042338
-0.005096	-0.161156	-26.714691	
0.28170	-9.798087	-72.360250	-1.042338
-0.005096	-0.220606	-55.062879	
0.42255	-9.798087	-72.360250	-1.042338
-0.005096	-0.551400	-86.770595	
0.56340	-9.798087	-72.360250	-1.042338
-0.005096	-0.882105	-130.912286	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.476429	103.889197	0.841736
0.004144	0.470253	79.120531	
0.14085	7.476429	103.889197	0.841736
0.004144	0.126872	78.895824	
0.28170	7.476429	103.889197	0.841736
0.004144	0.310023	86.762856	
0.42255	7.476429	103.889197	0.841736
0.004144	0.768605	105.591876	
0.56340	7.476429	103.889197	0.841736
0.004144	1.227301	131.217777	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3256

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.220827	-72.932292	-1.104579
-0.004223	-0.627668	-32.181262	
0.14085	-10.220827	-72.932292	-1.104579
-0.004223	-0.165156	-41.868133	
0.28170	-10.220827	-72.932292	-1.104579
-0.004223	-0.235664	-65.833041	
0.42255	-10.220827	-72.932292	-1.104579
-0.004223	-0.588772	-93.265480	
0.56340	-10.220827	-72.932292	-1.104579
-0.004223	-0.941783	-131.263040	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.723603	3.518809	0.588784
0.000801	0.329206	19.298195	
0.14085	4.723603	3.518809	0.588784
0.000801	0.081950	29.251922	
0.28170	4.723603	3.518809	0.588784
0.000801	0.181730	39.339726	
0.42255	4.723603	3.518809	0.588784
0.000801	0.449836	49.716593	
0.56340	4.723603	3.518809	0.588784
0.000801	0.718914	60.304151	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.070795	-26.324632	-0.640331
-0.000144	-0.353404	-28.240851	
0.14085	-1.070795	-26.324632	-0.640331
-0.000144	-0.085622	-28.504137	
0.28170	-1.070795	-26.324632	-0.640331
-0.000144	-0.164548	-28.947020	
0.42255	-1.070795	-26.324632	-0.640331
-0.000144	-0.411559	-29.715045	
0.56340	-1.070795	-26.324632	-0.640331
-0.000144	-0.658484	-30.728191	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.997281	12.879459	1.006113
0.001576	0.564312	27.635399	
0.14085	5.997281	12.879459	1.006113
0.001576	0.142124	44.237634	
0.28170	5.997281	12.879459	1.006113
0.001576	0.319185	61.985772	
0.42255	5.997281	12.879459	1.006113
0.001576	0.788165	80.719300	
0.56340	5.997281	12.879459	1.006113
0.001576	1.258542	99.992367	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.156019	-47.750223	-1.120273
-0.000106	-0.618049	-49.148172	
0.14085	-4.156019	-47.750223	-1.120273
-0.000106	-0.149396	-49.839190	
0.28170	-4.156019	-47.750223	-1.120273
-0.000106	-0.279865	-51.678148	
0.42255	-4.156019	-47.750223	-1.120273
-0.000106	-0.701778	-55.116134	
0.56340	-4.156019	-47.750223	-1.120273
-0.000106	-1.123774	-59.622812	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.221207	46.546007	1.238960
0.001758	0.693732	60.138821	
0.14085	6.221207	46.546007	1.238960
0.001758	0.173867	68.133214	
0.28170	6.221207	46.546007	1.238960
0.001758	0.413563	83.801271	
0.42255	6.221207	46.546007	1.238960
0.001758	1.021282	102.954304	
0.56340	6.221207	46.546007	1.238960
0.001758	1.630162	123.152526	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3257

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.530362	-55.812803	-1.450408
-8.00E-06	-0.800147	-41.411310	
0.14085	-6.530362	-55.812803	-1.450408
-8.00E-06	-0.193099	-40.536065	
0.28170	-6.530362	-55.812803	-1.450408
-8.00E-06	-0.343607	-52.175348	
0.42255	-6.530362	-55.812803	-1.450408
-8.00E-06	-0.766116	-69.237412	
0.56340	-6.530362	-55.812803	-1.450408
-8.00E-06	-1.382473	-87.542810	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.375876	80.179344	1.479474
0.004037	0.833572	110.759781	
0.14085	8.375876	80.179344	1.479474
0.004037	0.217130	117.640250	
0.28170	8.375876	80.179344	1.479474
0.004037	0.404727	131.188488	
0.42255	8.375876	80.179344	1.479474
0.004037	1.223200	155.019597	
0.56340	8.375876	80.179344	1.479474
0.004037	1.953213	185.154967	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.561790	-80.696200	-1.748200
-0.002883	-0.980168	-38.895064	
0.14085	-8.561790	-80.696200	-1.748200
-0.002883	-0.248448	-42.804789	
0.28170	-8.561790	-80.696200	-1.748200
-0.002883	-0.411570	-57.541732	
0.42255	-8.561790	-80.696200	-1.748200
-0.002883	-1.031684	-77.368311	
0.56340	-8.561790	-80.696200	-1.748200
-0.002883	-1.651524	-108.842881	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.086582	16.465852	0.439765
0.000713	0.247649	11.404027	
0.14085	1.086582	16.465852	0.439765
0.000713	0.063611	16.713899	
0.28170	1.086582	16.465852	0.439765
0.000713	0.151736	23.973253	
0.42255	1.086582	16.465852	0.439765
0.000713	0.373639	32.804722	
0.56340	1.086582	16.465852	0.439765
0.000713	0.595461	41.929844	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.809398	-22.727954	-0.529071
-5.29E-06	-0.091859	-14.476709	
0.14085	-3.809398	-22.727954	-0.529071
-5.29E-06	-0.070020	-17.248265	
0.28170	-3.809398	-22.727954	-0.529071
-5.29E-06	-0.121190	-21.928023	
0.42255	-3.809398	-22.727954	-0.529071
-5.29E-06	-0.305487	-27.686476	
0.56340	-3.809398	-22.727954	-0.529071
-5.29E-06	-0.489967	-34.012020	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.511784	90.854821	0.833408
0.004891	0.477637	106.894620	
0.14085	2.511784	90.854821	0.833408
0.004891	0.135339	86.315123	
0.28170	2.511784	90.854821	0.833408
0.004891	0.298800	74.507936	
0.42255	2.511784	90.854821	0.833408
0.004891	0.737376	76.499210	
0.56340	2.511784	90.854821	0.833408
0.004891	1.175734	87.479226	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3258

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.223655	-36.664456	-1.058910
-0.003896	-0.604753	-12.607383	
0.14085	-8.223655	-36.664456	-1.058910
-0.003896	-0.161676	-11.546216	
0.28170	-8.223655	-36.664456	-1.058910
-0.003896	-0.229842	-25.537262	
0.42255	-8.223655	-36.664456	-1.058910
-0.003896	-0.578390	-44.346123	
0.56340	-8.223655	-36.664456	-1.058910
-0.003896	-0.926758	-80.258911	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.074094	84.536961	1.209891
0.005070	0.687573	108.216193	
0.14085	5.074094	84.536961	1.209891
0.005070	0.166607	97.702693	
0.28170	5.074094	84.536961	1.209891
0.005070	0.412279	95.473519	
0.42255	5.074094	84.536961	1.209891
0.005070	1.017584	105.793484	
0.56340	5.074094	84.536961	1.209891
0.005070	1.623811	124.329039	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.893517	-54.182014	-1.456477
-0.003526	-0.821845	-33.191652	
0.14085	-8.893517	-54.182014	-1.456477
-0.003526	-0.212517	-32.502144	
0.28170	-8.893517	-54.182014	-1.456477
-0.003526	-0.334981	-46.028830	
0.42255	-8.893517	-54.182014	-1.456477
-0.003526	-0.841336	-63.762930	
0.56340	-8.893517	-54.182014	-1.456477
-0.003526	-1.347861	-97.016755	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.935718	85.958122	1.551460
0.003414	0.871960	92.612763	
0.14085	7.935718	85.958122	1.551460
0.003414	0.224775	102.947378	
0.28170	7.935718	85.958122	1.551460
0.003414	0.517514	120.769040	
0.42255	7.935718	85.958122	1.551460
0.003414	1.282281	147.026160	
0.56340	7.935718	85.958122	1.551460
0.003414	2.047887	178.513885	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.747460	-83.005661	-1.831802
-0.002826	-1.026111	-35.532792	
0.14085	-9.747460	-83.005661	-1.831802
-0.002826	-0.258944	-44.007221	
0.28170	-9.747460	-83.005661	-1.831802
-0.002826	-0.432302	-64.903589	
0.42255	-9.747460	-83.005661	-1.831802
-0.002826	-1.082577	-89.641981	
0.56340	-9.747460	-83.005661	-1.831802
-0.002826	-1.732831	-124.005349	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.656743	46.907022	0.897959
1.55E-05	0.498014	2.248541	
0.14085	4.656743	46.907022	0.897959
1.55E-05	0.121017	6.476954	
0.28170	4.656743	46.907022	0.897959
1.55E-05	0.282050	20.157788	
0.42255	4.656743	46.907022	0.897959
1.55E-05	0.704433	34.517209	
0.56340	4.656743	46.907022	0.897959
1.55E-05	1.126785	49.053579	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3259

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.424384	-35.198296	-1.007241
-0.001370	-0.563286	-28.076091	
0.14085	-5.424384	-35.198296	-1.007241
-0.001370	-0.140883	-41.586918	
0.28170	-5.424384	-35.198296	-1.007241
-0.001370	-0.252335	-59.931489	
0.42255	-5.424384	-35.198296	-1.007241
-0.001370	-0.630005	-79.207277	
0.56340	-5.424384	-35.198296	-1.007241
-0.001370	-1.006739	-98.662299	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.033806	126.065620	1.336485
0.005691	0.757664	107.609046	
0.14085	7.033806	126.065620	1.336485
0.005691	0.206447	92.492652	
0.28170	7.033806	126.065620	1.336485
0.005691	0.436561	84.079251	
0.42255	7.033806	126.065620	1.336485
0.005691	1.088064	93.059717	
0.56340	7.033806	126.065620	1.336485
0.005691	1.739474	114.136318	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.135433	-56.891034	-1.572364
-0.006997	-0.904594	-26.247277	
0.14085	-10.135433	-56.891034	-1.572364
-0.006997	-0.246400	-44.666055	
0.28170	-10.135433	-56.891034	-1.572364
-0.006997	-0.374412	-66.632170	
0.42255	-10.135433	-56.891034	-1.572364
-0.006997	-0.934798	-93.476414	
0.56340	-10.135433	-56.891034	-1.572364
-0.006997	-1.494463	-144.006148	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.863272	126.599121	1.524800
0.004657	0.860160	99.931620	
0.14085	6.863272	126.599121	1.524800
0.004657	0.227588	90.816851	
0.28170	6.863272	126.599121	1.524800
0.004657	0.511169	92.794772	
0.42255	6.863272	126.599121	1.524800
0.004657	1.270773	108.110315	
0.56340	6.863272	126.599121	1.524800
0.004657	2.030230	132.756845	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.782521	-67.630999	-1.824700
-0.005293	-1.035326	-25.583018	
0.14085	-11.782521	-67.630999	-1.824700
-0.005293	-0.271144	-40.906213	
0.28170	-11.782521	-67.630999	-1.824700
-0.005293	-0.425308	-71.652324	
0.42255	-11.782521	-67.630999	-1.824700
-0.005293	-1.064512	-105.360174	
0.56340	-11.782521	-67.630999	-1.824700
-0.005293	-1.703425	-156.361149	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.437973	109.133945	1.642792
0.004434	0.925658	90.539311	
0.14085	7.437973	109.133945	1.642792
0.004434	0.242289	89.694421	
0.28170	7.437973	109.133945	1.642792
0.004434	0.544334	98.535802	
0.42255	7.437973	109.133945	1.642792
0.004434	1.350469	118.657542	
0.56340	7.437973	109.133945	1.642792
0.004434	2.157131	146.539436	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3260

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.804593	-74.425355	-1.934278
-0.004397	-1.090528	-40.383936	
0.14085	-11.804593	-74.425355	-1.934278
-0.004397	-0.280530	-53.214693	
0.28170	-11.804593	-74.425355	-1.934278
-0.004397	-0.457587	-79.419722	
0.42255	-11.804593	-74.425355	-1.934278
-0.004397	-1.146394	-108.738730	
0.56340	-11.804593	-74.425355	-1.934278
-0.004397	-1.834935	-152.583744	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.206199	120.198283	0.841736
0.005470	0.470253	104.899063	
0.14085	8.206199	120.198283	0.841736
0.005470	0.126872	105.710831	
0.28170	8.206199	120.198283	0.841736
0.005470	0.310023	112.206908	
0.42255	8.206199	120.198283	0.841736
0.005470	0.768605	130.054391	
0.56340	8.206199	120.198283	0.841736
0.005470	1.227301	156.950309	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.220827	-77.777676	-1.104579
-0.007013	-0.627668	-46.228535	
0.14085	-10.220827	-77.777676	-1.104579
-0.007013	-0.165156	-48.536758	
0.28170	-10.220827	-77.777676	-1.104579
-0.007013	-0.235664	-65.833041	
0.42255	-10.220827	-77.777676	-1.104579
-0.007013	-0.588772	-93.265480	
0.56340	-10.220827	-77.777676	-1.104579
-0.007013	-0.941783	-131.263040	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.375876	126.599121	1.642792
0.005691	0.925658	110.759781	
0.14085	8.375876	126.599121	1.642792
0.005691	0.242289	117.640250	
0.28170	8.375876	126.599121	1.642792
0.005691	0.544334	131.188488	
0.42255	8.375876	126.599121	1.642792
0.005691	1.350469	155.019597	
0.56340	8.375876	126.599121	1.642792
0.005691	2.157131	185.154967	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.804593	-83.005661	-1.934278
-0.006997	-1.090528	-49.148172	
0.14085	-11.804593	-83.005661	-1.934278
-0.006997	-0.280530	-53.214693	
0.28170	-11.804593	-83.005661	-1.934278
-0.006997	-0.457587	-79.419722	
0.42255	-11.804593	-83.005661	-1.934278
-0.006997	-1.146394	-108.738730	
0.56340	-11.804593	-83.005661	-1.934278
-0.006997	-1.834935	-156.361149	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.375876	126.599121	1.642792
0.005691	0.925658	110.759781	
0.14085	8.375876	126.599121	1.642792
0.005691	0.242289	117.640250	
0.28170	8.375876	126.599121	1.642792
0.005691	0.544334	131.188488	
0.42255	8.375876	126.599121	1.642792
0.005691	1.350469	155.019597	
0.56340	8.375876	126.599121	1.642792
0.005691	2.157131	185.154967	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3261

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.804593	-83.005661	-1.934278
-0.007013	-1.090528	-49.148172	
0.14085	-11.804593	-83.005661	-1.934278
-0.007013	-0.280530	-53.214693	
0.28170	-11.804593	-83.005661	-1.934278
-0.007013	-0.457587	-79.419722	
0.42255	-11.804593	-83.005661	-1.934278
-0.007013	-1.146394	-108.738730	
0.56340	-11.804593	-83.005661	-1.934278
-0.007013	-1.834935	-156.361149	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.375876	126.599121	1.642792
0.005691	0.925658	110.759781	
0.14085	8.375876	126.599121	1.642792
0.005691	0.242289	117.640250	
0.28170	8.375876	126.599121	1.642792
0.005691	0.544334	131.188488	
0.42255	8.375876	126.599121	1.642792
0.005691	1.350469	155.019597	
0.56340	8.375876	126.599121	1.642792
0.005691	2.157131	185.154967	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.804593	-83.005661	-1.934278

```
-0.007013   -1.090528   -49.148172
0.14085   -11.804593   -83.005661   -1.934278
-0.007013   -0.280530   -53.214693
0.28170   -11.804593   -83.005661   -1.934278
-0.007013   -0.457587   -79.419722
0.42255   -11.804593   -83.005661   -1.934278
-0.007013   -1.146394   -108.738730
0.56340   -11.804593   -83.005661   -1.934278
-0.007013   -1.834935   -156.361149

ELEM    306 ========== LENGTH
=   2.977469

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    1.378858    9.357964    0.333083
0.001041    0.369244    2.677523
0.57746    1.378858    9.357964    0.333083
0.001041    0.229559    2.190830
0.71831    1.378858    9.357964    0.333083
0.001041    0.089865    3.606641
0.85915    1.378858    9.357964    0.333083
0.001041    0.048292    6.994049
1.00000    1.378858    9.357964    0.333083
0.001041    0.187607    11.839520

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -2.306060   -13.148767   -0.331985
-1.06E-05   -0.369287   -24.827486
0.57746   -2.306060   -13.148767   -0.331985
-1.06E-05   -0.230079   -28.128462
0.71831   -2.306060   -13.148767   -0.331985
-1.06E-05   -0.090907   -31.507996
0.85915   -2.306060   -13.148767   -0.331985
-1.06E-05   -0.049758   -34.938680
1.00000   -2.306060   -13.148767   -0.331985
-1.06E-05   -0.189492   -38.540833

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    2.009242    28.279670    0.532818
0.001949    0.591083    22.983906
0.57746    2.009242    28.279670    0.532818
0.001949    0.367617    16.241895
0.71831    2.009242    28.279670    0.532818
0.001949    0.144130    11.518761
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3262

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
          T          M2          M3
0.85915    2.009242    28.279670    0.532818
0.001949    0.089551    12.588483
1.00000    2.009242    28.279670    0.532818
0.001949    0.347727    19.314322

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -6.426169   -23.139876   -0.615418
-0.000218   -0.684634   -38.622379
0.57746   -6.426169   -23.139876   -0.615418
-0.000218   -0.426692   -40.162598
0.71831   -6.426169   -23.139876   -0.615418
-0.000218   -0.168749   -45.207367
0.85915   -6.426169   -23.139876   -0.615418
-0.000218   -0.079552   -51.944609
1.00000   -6.426169   -23.139876   -0.615418
-0.000218   -0.302695   -59.643419

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    1.892529    78.496379    0.561287
0.001538    0.622014    152.054680
0.57746    1.892529    78.496379    0.561287
0.001538    0.386627    123.865446
0.71831    1.892529    78.496379    0.561287
0.001538    0.151133    96.977928
0.85915    1.892529    78.496379    0.561287
0.001538    0.124359    74.227617
1.00000    1.892529    78.496379    0.561287
0.001538    0.487156    56.057584

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.688001   -22.379004   -0.864906
-6.45E-06   -0.963705   -41.327080
0.57746   -9.688001   -22.379004   -0.864906
-6.45E-06   -0.601024   -42.008467
0.71831   -9.688001   -22.379004   -0.864906
-6.45E-06   -0.238402   -44.690719
0.85915   -9.688001   -22.379004   -0.864906
-6.45E-06   -0.083893   -48.424781
1.00000   -9.688001   -22.379004   -0.864906
-6.45E-06   -0.319466   -52.271403

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    8.094135    73.458154    0.695780
0.004666    0.772052    146.716508
0.57746    8.094135    73.458154    0.695780
0.004666    0.480257    121.577154
0.71831    8.094135    73.458154    0.695780
0.004666    0.188390    105.126052
0.85915    8.094135    73.458154    0.695780
0.004666    0.159117    105.708745
1.00000    8.094135    73.458154    0.695780
0.004666    0.571889    120.844202

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -8.551284   -97.711116   -0.993331
-0.004041   -1.094565   -93.685235
0.57746   -8.551284   -97.711116   -0.993331
-0.004041   -0.680263   -64.732116
0.71831   -8.551284   -97.711116   -0.993331
-0.004041   -0.273718   -49.238960
0.85915   -8.551284   -97.711116   -0.993331
-0.004041   -0.110727   -41.698354
1.00000   -8.551284   -97.711116   -0.993331
-0.004041   -0.395048   -47.326936

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    0.530592    32.565832    0.180202
0.000673    0.200436    55.012000
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3263

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
          T          M2          M3
0.57746    0.530592    32.565832    0.180202
0.000673    0.124837    41.938908
0.71831    0.530592    32.565832    0.180202
0.000673    0.049176    29.352907
0.85915    0.530592    32.565832    0.180202
0.000673    0.048801    18.325255
1.00000    0.530592    32.565832    0.180202
0.000673    0.192061    12.399348

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -5.201637   -8.081766   -0.341444
-8.99E-05   -0.380809   -15.521629
0.57746   -5.201637   -8.081766   -0.341444
-8.99E-05   -0.237623   -12.432916
0.71831   -5.201637   -8.081766   -0.341444
-8.99E-05   -0.094463   -11.725068
0.85915   -5.201637   -8.081766   -0.341444
-8.99E-05   -0.026207   -12.452049
1.00000   -5.201637   -8.081766   -0.341444
-8.99E-05   -0.101823   -13.510044

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    4.595018    78.927982    0.307820
0.005115    0.341359    183.078512
0.57746    4.595018    78.927982    0.307820
0.005115    0.212260    152.006245
0.71831    4.595018    78.927982    0.307820
0.005115    0.083082    130.376185
0.85915    4.595018    78.927982    0.307820
0.005115    0.120627    125.045084
1.00000    4.595018    78.927982    0.307820
0.005115    0.414832    123.065679

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -7.817670   -66.728675   -0.703835
-0.004814   -0.765949   -40.570462
0.57746   -7.817670   -66.728675   -0.703835
-0.004814   -0.547844   -17.766518
0.71831   -7.817670   -66.728675   -0.703835
-0.004814   -0.192231   -13.253018
0.85915   -7.817670   -66.728675   -0.703835
-0.004814   -0.056181   -12.980031
1.00000   -7.817670   -66.728675   -0.703835
-0.004814   -0.174932   -13.373203

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    5.036124    79.961245    0.527578
0.005405    0.585032    164.848825
0.57746    5.036124    79.961245    0.527578
0.005405    0.363774    137.144579
0.71831    5.036124    79.961245    0.527578
0.005405    0.142436    117.927721
0.85915    5.036124    79.961245    0.527578
0.005405    0.147140    115.984564
1.00000    5.036124    79.961245    0.527578
0.005405    0.523951    118.234802

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.516809   -70.075777   -0.900425
-0.004350   -0.986625   -51.881683
0.57746   -9.516809   -70.075777   -0.900425
-0.004350   -0.611779   -35.143229
0.71831   -9.516809   -70.075777   -0.900425
-0.004350   -0.246437   -34.561981
0.85915   -9.516809   -70.075777   -0.900425
-0.004350   -0.087891   -37.004275
1.00000   -9.516809   -70.075777   -0.900425
-0.004350   -0.299904   -41.283194
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3264

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    9.300495    76.493008    0.733308
0.003761    0.814149    149.013606
0.57746    9.300495    76.493008    0.733308
0.003761    0.506617    121.986672
0.71831    9.300495    76.493008    0.733308
0.003761    0.199005    101.246512
0.85915    9.300495    76.493008    0.733308
0.003761    0.157752    93.716037
1.00000    9.300495    76.493008    0.733308
0.003761    0.581871    104.307674

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -8.661912   -103.393597   -1.012465
-0.003714   -1.116599   -114.038525
0.57746   -8.661912   -103.393597   -1.012465
-0.003714   -0.693822   -80.426556
0.71831   -8.661912   -103.393597   -1.012465
-0.003714   -0.278300   -57.700274
0.85915   -8.661912   -103.393597   -1.012465
-0.003714   -0.114340   -37.478383
1.00000   -8.661912   -103.393597   -1.012465
-0.003714   -0.415903   -40.202078

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    7.947142    18.668542    0.501063
7.24E-06    0.557367    23.696575
0.57746    7.947142    18.668542    0.501063
7.24E-06    0.347238    16.084692
0.71831    7.947142    18.668542    0.501063
7.24E-06    0.137091    8.781978
0.85915    7.947142    18.668542    0.501063
7.24E-06    0.269947    3.074578
1.00000    7.947142    18.668542    0.501063
7.24E-06    0.269359    2.324811

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -1.267521   -61.742046   -0.476434
-0.001277   -0.529844   -115.932042
0.57746   -1.267521   -61.742046   -0.476434
-0.001277   -0.330047   -90.058413
0.71831   -1.267521   -61.742046   -0.476434
-0.001277   -0.130261   -64.253903
0.85915   -1.267521   -61.742046   -0.476434
-0.001277   -0.072992   -38.466021
1.00000   -1.267521   -61.742046   -0.476434
-0.001277   -0.283149   -12.817233

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    14.586122    44.268642    0.696475
0.005662    0.774904    98.045513
0.57746    14.586122    44.268642    0.696475
0.005662    0.482816    81.825303
0.71831    14.586122    44.268642    0.696475
0.005662    0.190700    77.216435
0.85915    14.586122    44.268642    0.696475
0.005662    0.140141    92.468280
1.00000    14.586122    44.268642    0.696475
0.005662    0.474035    112.461158

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -2.563478   -146.904234   -0.798775
-0.007377   -0.866024   -159.181364
0.57746   -2.563478   -146.904234   -0.798775
-0.007377   -0.534756   -103.640538
0.71831   -2.563478   -146.904234   -0.798775
-0.007377   -0.216212   -67.856977
0.85915   -2.563478   -146.904234   -0.798775
-0.007377   -0.114023   -35.947068
1.00000   -2.563478   -146.904234   -0.798775
-0.007377   -0.393411   -13.622658
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3265

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    12.168110    82.012491    0.714358
0.004081    0.783750    177.891740
0.57746    12.168110    82.012491    0.714358
0.004081    0.494163    145.311476
0.71831    12.168110    82.012491    0.714358
0.004081    0.194508    120.823542
0.85915    12.168110    82.012491    0.714358
0.004081    0.162898    110.439113
1.00000    12.168110    82.012491    0.714358
0.004081    0.586828    105.087802

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -6.893698   -124.066787   -1.012632
-0.005344   -1.111936   -150.683013
0.57746   -6.893698   -124.066787   -1.012632
-0.005344   -0.689824   -102.859959
0.71831   -6.893698   -124.066787   -1.012632
-0.005344   -0.276473   -68.684632
0.85915   -6.893698   -124.066787   -1.012632
-0.005344   -0.113532   -37.188510
1.00000   -6.893698   -124.066787   -1.012632
-0.005344   -0.404505   -15.106874

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    10.717121    79.237077    0.789227
0.004011    0.876652    153.205472
0.57746    10.717121    79.237077    0.789227
0.004011    0.545669    124.234722
0.71831    10.717121    79.237077    0.789227
0.004011    0.214684    102.152923
0.85915    10.717121    79.237077    0.789227
0.004011    0.168327    93.707570
1.00000    10.717121    79.237077    0.789227
0.004011    0.617273    92.075966

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -8.559179   -110.681864   -1.071893
-0.004429   -1.180889   -136.495874
0.57746   -8.559179   -110.681864   -1.071893
-0.004429   -0.743488   -98.263304
0.71831   -8.559179   -110.681864   -1.071893
-0.004429   -0.293350   -72.716214
0.85915   -8.559179   -110.681864   -1.071893
-0.004429   -0.123286   -50.136895
1.00000   -8.559179   -110.681864   -1.071893
-0.004429   -0.447202   -35.474008

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    2.557576    10.600804    0.507014
0.001086    0.563306    3.218314
0.57746    2.557576    10.600804    0.507014
0.001086    0.350646    2.936222
0.71831    2.557576    10.600804    0.507014
0.001086    0.137925    4.621403
0.85915    2.557576    10.600804    0.507014
0.001086    0.093542    10.639596
1.00000    2.557576    10.600804    0.507014
0.001086    0.359919    17.365711

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -2.326952   -17.539267   -0.637432
-7.77E-06   -0.707057   -38.030101
0.57746   -2.326952   -17.539267   -0.637432
-7.77E-06   -0.439311   -36.732347
0.71831   -2.326952   -17.539267   -0.637432
-7.77E-06   -0.172410   -36.647603
0.85915   -2.326952   -17.539267   -0.637432
-7.77E-06   -0.097206   -40.449982
1.00000   -2.326952   -17.539267   -0.637432
-7.77E-06   -0.287104   -44.350562
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3266

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    3.193377    29.501440    0.866586
0.001879    0.962119    23.091963
0.57746    3.193377    29.501440    0.866586
0.001879    0.598580    16.544196
0.71831    3.193377    29.501440    0.866586
0.001879    0.235156    12.284310
0.85915    3.193377    29.501440    0.866586
0.001879    0.157764    16.136722
1.00000    3.193377    29.501440    0.866586
0.001879    0.612067    25.264823

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -7.038522   -29.035116   -1.086360
-0.000141   -1.207316   -56.140135
0.57746   -7.038522   -29.035116   -1.086360
-0.000141   -0.751346   -53.295626
0.71831   -7.038522   -29.035116   -1.086360
-0.000141   -0.296730   -52.234719
0.85915   -7.038522   -29.035116   -1.086360
-0.000141   -0.127804   -57.779919
1.00000   -7.038522   -29.035116   -1.086360
-0.000141   -0.491670   -66.020512

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    3.190840    73.183421    1.009783
0.001562    1.120425    148.957047
0.57746    3.190840    73.183421    1.009783
0.001562    0.697063    123.794090
0.71831    3.190840    73.183421    1.009783
0.001562    0.273582    100.391543
0.85915    3.190840    73.183421    1.009783
0.001562    0.198045    83.979232
1.00000    3.190840    73.183421    1.009783
0.001562    0.775767    71.637536

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.897373   -29.185800   -1.380012
-1.34E-05   -1.536185   -56.429992
0.57746   -9.897373   -29.185800   -1.380012
-1.34E-05   -0.957039   -52.564576
0.71831   -9.897373   -29.185800   -1.380012
-1.34E-05   -0.379174   -49.881895
0.85915   -9.897373   -29.185800   -1.380012
-1.34E-05   -0.147416   -53.162711
1.00000   -9.897373   -29.185800   -1.380012
-1.34E-05   -0.571177   -58.017025

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    8.337912    71.604261    1.249326
0.003911    1.385910    150.920714
0.57746    8.337912    71.604261    1.249326
0.003911    0.862139    127.196859
0.71831    8.337912    71.604261    1.249326
0.003911    0.338159    111.310129
0.85915    8.337912    71.604261    1.249326
0.003911    0.249480    113.587486
1.00000    8.337912    71.604261    1.249326
0.003911    0.940507    128.921233

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.031214   -90.974961   -1.651429
-0.003284   -1.828753   -99.112319
0.57746   -9.031214   -90.974961   -1.651429
-0.003284   -1.138324   -69.373392
0.71831   -9.031214   -90.974961   -1.651429
-0.003284   -0.453182   -51.604500
0.85915   -9.031214   -90.974961   -1.651429
-0.003284   -0.193165   -46.080327
1.00000   -9.031214   -90.974961   -1.651429
-0.003284   -0.710997   -52.950003
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3267

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    0.661650    29.233585    0.361836
0.000578    0.401622    51.710848
0.57746    0.661650    29.233585    0.361836
0.000578    0.249840    40.237016
0.71831    0.661650    29.233585    0.361836
0.000578    0.098135    29.080629
0.85915    0.661650    29.233585    0.361836
0.000578    0.068639    19.616405
1.00000    0.661650    29.233585    0.361836
0.000578    0.273347    13.532388

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -5.755766   -9.842765   -0.488033
-8.00E-05   -0.544834   -17.328753
0.57746   -5.755766   -9.842765   -0.488033
-8.00E-05   -0.340277   -14.804452
0.71831   -5.755766   -9.842765   -0.488033
-8.00E-05   -0.135724   -12.585016
0.85915   -5.755766   -9.842765   -0.488033
-8.00E-05   -0.053752   -11.690321
1.00000   -5.755766   -9.842765   -0.488033
-8.00E-05   -0.205335   -12.659800

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    4.470830    71.726226    0.653187
0.004424    0.723215    180.640261
0.57746    4.470830    71.726226    0.653187
0.004424    0.449671    152.938644
0.71831    4.470830    71.726226    0.653187
0.004424    0.176370    133.877913
0.85915    4.470830    71.726226    0.653187
0.004424    0.158680    128.720840
1.00000    4.470830    71.726226    0.653187
0.004424    0.568718    126.927504

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -8.108605   -59.969791   -0.980391
-0.004208   -1.077598   -41.040883
0.57746   -8.108605   -59.969791   -0.980391
-0.004208   -0.670382   -19.074516
0.71831   -8.108605   -59.969791   -0.980391
-0.004208   -0.269585   -13.482099
0.85915   -8.108605   -59.969791   -0.980391
-0.004208   -0.112238   -12.205095
1.00000   -8.108605   -59.969791   -0.980391
-0.004208   -0.375790   -12.890243

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    5.247099    74.537921    0.986533
0.004802    1.093488    162.828656
0.57746    5.247099    74.537921    0.986533
0.004802    0.680017    138.272744
0.71831    5.247099    74.537921    0.986533
0.004802    0.266807    121.581274
0.85915    5.247099    74.537921    0.986533
0.004802    0.214290    121.665178
1.00000    5.247099    74.537921    0.986533
0.004802    0.788781    125.320915

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.845079   -67.226356   -1.373979
-0.003808   -1.510068   -62.252820
0.57746   -9.845079   -67.226356   -1.373979
-0.003808   -0.942616   -42.436888
0.71831   -9.845079   -67.226356   -1.373979
-0.003808   -0.376560   -37.492153
0.85915   -9.845079   -67.226356   -1.373979
-0.003808   -0.160003   -39.731593
1.00000   -9.845079   -67.226356   -1.373979
-0.003808   -0.564443   -44.100679
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<    MOVING    LOAD    >
3268

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
          T          M2          M3
0.43661    8.776561    75.043613    1.333665
0.003171    1.479363    151.052132
0.57746    8.776561    75.043613    1.333665
0.003171    0.920032    125.264094
0.71831    8.776561    75.043613    1.333665
0.003171    0.360602    104.591873
0.85915    8.776561    75.043613    1.333665
0.003171    0.255494    98.588299
1.00000    8.776561    75.043613    1.333665
0.003171    0.972052    111.219957

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
          T          M2          M3
0.43661   -9.369426   -95.893655   -1.711259
-0.003133   -1.898050   -113.327517
0.57746   -9.369426   -95.893655   -1.711259
-0.003133   -1.181840   -79.854259
0.71831   -9.369426   -95.893655   -1.711259
-0.003133   -0.471228   -55.799199
0.85915   -9.369426   -95.893655   -1.711259
-0.003133   -0.204301   -39.634436
1.00000   -9.369426   -95.893655   -1.711259
-0.003133   -0.758129   -44.318320

COMB DL-G3-1 ---------- MAX
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REL DIST          P          V2          V3
     T         M2         M3
0.43661    6.932579   24.424094    0.856942
 4.28E-06   0.951233   28.638454
0.57746    6.932579   24.424094    0.856942
 4.28E-06   0.591611   18.771088
0.71831    6.932579   24.424094    0.856942
 4.28E-06   0.231243    9.015307
0.85915    6.932579   24.424094    0.856942
 4.28E-06   0.135328    3.417730
1.00000    6.932579   24.424094    0.856942
 4.28E-06   0.532773    2.690716

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -2.228985  -55.975060   -0.947440
-0.001303  -1.056500 -108.458069
0.57746   -2.228985  -55.975060   -0.947440
-0.001303  -0.659105  -85.265419
0.71831   -2.228985  -55.975060   -0.947440
-0.001303  -0.261861  -62.092483
0.85915   -2.228985  -55.975060   -0.947440
-0.001303  -0.124871  -42.679710
1.00000   -2.228985  -55.975060   -0.947440
-0.001303  -0.484603  -26.201160

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   13.431778   49.205583    1.233648
 0.005654  1.368377  106.785972
0.57746   13.431778   49.205583    1.233648
 0.005654  0.851034   88.916243
0.71831   13.431778   49.205583    1.233648
 0.005654  0.333083   83.188151
0.85915   13.431778   49.205583    1.233648
 0.005654  0.239744   99.014736
1.00000   13.431778   49.205583    1.233648
 0.005654  0.857846  120.203194

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -3.595997 -136.884109   -1.477517
-0.007431  -1.623865 -150.367997
0.57746   -3.595997 -136.884109   -1.477517
-0.007431  -1.009606  -95.424255
0.71831   -3.595997 -136.884109   -1.477517
-0.007431  -0.404466  -63.498709
0.85915   -3.595997 -136.884109   -1.477517
-0.007431  -0.203232  -39.797926
1.00000   -3.595997 -136.884109   -1.477517
-0.007431  -0.706803  -22.760805
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3269

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   11.442994   79.168213    1.336722
 0.004270  1.482596  176.303235
0.57746   11.442994   79.168213    1.336722
 0.004270  0.921849  145.554625
0.71831   11.442994   79.168213    1.336722
 0.004270  0.361028  123.632625
0.85915   11.442994   79.168213    1.336722
 0.004270  0.262490  118.295915
1.00000   11.442994   79.168213    1.336722
 0.004270  0.974050  118.207382

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -7.733076 -118.033817   -1.699416
-0.005600  -1.878838 -141.811988
0.57746   -7.733076 -118.033817   -1.699416
-0.005600  -1.169988  -94.345368
0.71831   -7.733076 -118.033817   -1.699416
-0.005600  -0.467940  -63.507437
0.85915   -7.733076 -118.033817   -1.699416
-0.005600  -0.237730  -39.580284
1.00000   -7.733076 -118.033817   -1.699416
-0.005600  -0.762420  -22.076459

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   10.248800   77.522834    1.438527
 0.004171  1.595396  151.640719
0.57746   10.248800   77.522834    1.438527
 0.004171  0.992054  124.280521
0.71831   10.248800   77.522834    1.438527
 0.004171  0.388532  104.494139
0.85915   10.248800   77.522834    1.438527
 0.004171  0.275385  101.308609
1.00000   10.248800   77.522834    1.438527
 0.004171  1.033666  104.935413

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -9.633615 -108.132209   -1.811629
-0.004652  -2.005835 -135.712192
0.57746   -9.633615 -108.132209   -1.811629
-0.004652  -1.249013  -96.348819
0.71831   -9.633615 -108.132209   -1.811629
-0.004652  -0.498615  -70.937655
0.85915   -9.633615 -108.132209   -1.811629
-0.004652  -0.224539  -53.378446
1.00000   -9.633615 -108.132209   -1.811629
-0.004652  -0.819798  -42.575945

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   14.586122   82.012491    0.789227
 0.005662  0.876652  183.078512
0.57746   14.586122   82.012491    0.789227
 0.005662  0.545669  152.006245
0.71831   14.586122   82.012491    0.789227
 0.005662  0.214604  130.376185
0.85915   14.586122   82.012491    0.789227
 0.005662  0.168327  125.045084
1.00000   14.586122   82.012491    0.789227
 0.005662  0.617273  123.065679

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -9.688001 -146.904234   -1.071893
-0.007377  -1.180889 -159.181364
0.57746   -9.688001 -146.904234   -1.071893
-0.007377  -0.733488 -103.640538
0.71831   -9.688001 -146.904234   -1.071893
-0.007377  -0.293350  -72.716214
0.85915   -9.688001 -146.904234   -1.071893
-0.007377  -0.123286  -51.944609
1.00000   -9.688001 -146.904234   -1.071893
-0.007377  -0.447202  -59.643419
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3270

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   13.431778   79.168213    1.438527
 0.005654  1.595396  180.640261
0.57746   13.431778   79.168213    1.438527
 0.005654  0.992054  152.938644
0.71831   13.431778   79.168213    1.438527
 0.005654  0.388532  133.878173
0.85915   13.431778   79.168213    1.438527
 0.005654  0.275385  128.720840
1.00000   13.431778   79.168213    1.438527
 0.005654  1.033666  128.921233

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -9.897373 -136.884109   -1.811629
-0.007431  -2.005835 -150.367997
0.57746   -9.897373 -136.884109   -1.811629
-0.007431  -1.249013  -96.348819
0.71831   -9.897373 -136.884109   -1.811629
-0.007431  -0.498615  -70.937655
0.85915   -9.897373 -136.884109   -1.811629
-0.007431  -0.224539  -57.779919
1.00000   -9.897373 -136.884109   -1.811629
-0.007431  -0.819798  -66.020512

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   14.586122   82.012491    1.438527
 0.005662  1.595396  183.078512
0.57746   14.586122   82.012491    1.438527
 0.005662  0.992054  152.938644
0.71831   14.586122   82.012491    1.438527
 0.005662  0.388532  133.878173
0.85915   14.586122   82.012491    1.438527
 0.005662  0.275385  128.720840
1.00000   14.586122   82.012491    1.438527
 0.005662  1.033666  128.921233

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -9.897373 -146.904234   -1.811629
-0.007431  -2.005835 -159.181364
0.57746   -9.897373 -146.904234   -1.811629
-0.007431  -1.249013 -103.640538
0.71831   -9.897373 -146.904234   -1.811629
-0.007431  -0.498615  -72.716214
0.85915   -9.897373 -146.904234   -1.811629
-0.007431  -0.224539  -57.779919
1.00000   -9.897373 -146.904234   -1.811629
-0.007431  -0.819798  -66.020512

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43661   14.586122   82.012491    1.438527
 0.005662  1.595396  183.078512
0.57746   14.586122   82.012491    1.438527
 0.005662  0.992054  152.938644
0.71831   14.586122   82.012491    1.438527
 0.005662  0.388532  133.878173
0.85915   14.586122   82.012491    1.438527
 0.005662  0.275385  128.720840
1.00000   14.586122   82.012491    1.438527
 0.005662  1.033666  128.921233

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43661   -9.897373 -146.904234   -1.811629
-0.007431  -2.005835 -159.181364
0.57746   -9.897373 -146.904234   -1.811629
-0.007431  -1.249013 -103.640538
0.71831   -9.897373 -146.904234   -1.811629
-0.007431  -0.498615  -72.716214
0.85915   -9.897373 -146.904234   -1.811629
-0.007431  -0.224539  -57.779919
1.00000   -9.897373 -146.904234   -1.811629
-0.007431  -0.819798  -66.020512
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3271

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM    307 ================== LENGTH =    2.977533

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.360630    9.411284    0.320099
0.000699   0.178534   11.849665
0.14085    1.360630    9.411284    0.320099
0.000699   0.044187   17.157157
0.28170    1.360630    9.411284    0.320099
0.000699   0.086792   22.537246
0.42255    1.360630    9.411284    0.320099
0.000699   0.211224   28.011285
0.56340    1.360630    9.411284    0.320099
0.000699   0.335699   33.486375

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -2.289567  -13.095452   -0.296816
-6.82E-06  -0.162251  -38.549906
0.14085   -2.289567  -13.095452   -0.296816
-6.82E-06  -0.037837  -42.220084
0.28170   -2.289567  -13.095452   -0.296816
-6.82E-06  -0.089943  -45.942305
0.42255   -2.289567  -13.095452   -0.296816
-6.82E-06  -0.224197  -49.681645
0.56340   -2.289567  -13.095452   -0.296816
-6.82E-06  -0.358441  -53.484613

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.902484   29.794379    0.515199
0.001445   0.267787   19.341766
0.14085    1.902484   29.794379    0.515199
0.001445   0.072122   26.078747
0.28170    1.902484   29.794379    0.515199
0.001445   0.162640   33.329402
0.42255    1.902484   29.794379    0.515199
0.001445   0.397556   41.514399
0.56340    1.902484   29.794379    0.515199
0.001445   0.632928   50.189538

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -6.481641  -21.238063   -0.561592
-0.000185  -0.309298  -59.661197
0.14085   -6.481641  -21.238063   -0.561592
-0.000185  -0.073947  -69.139673
0.28170   -6.481641  -21.238063   -0.561592
-0.000185  -0.144272  -78.960050
0.42255   -6.481641  -21.238063   -0.561592
-0.000185  -0.360377  -89.236614
0.56340   -6.481641  -21.238063   -0.561592
-0.000185  -0.576462 -100.825169

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.896745   77.924093    0.539339
 0.001604  0.301034   56.050418
0.14085    1.896745   77.924093    0.539339
 0.001604  0.074696   48.000096
0.28170    1.896745   77.924093    0.539339
 0.001604  0.230937   51.200217
0.42255    1.896745   77.924093    0.539339
 0.001604  0.566934   57.022387
0.56340    1.896745   77.924093    0.539339
 0.001604  0.903006   63.724801

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -9.603173  -22.398080   -0.801638
-6.14E-06  -0.441959  -52.278547
0.14085   -9.603173  -22.398080   -0.801638
-6.14E-06  -0.106090  -56.464620
0.28170   -9.603173  -22.398080   -0.801638
-6.14E-06  -0.151175  -73.066017
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3272

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.42255   -9.603173  -22.398080   -0.801638
-6.14E-06  -0.377421 -104.345701
0.56340   -9.603173  -22.398080   -0.801638
-6.14E-06  -0.603646 -136.424602

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    6.007875  107.682691    0.674026
 0.004767  0.376528  121.042776
0.14085    6.007875  107.682691    0.674026
 0.004767  0.102417  114.639338
0.28170    6.007875  107.682691    0.674026
 0.004767  0.270312  117.326975
0.42255    6.007875  107.682691    0.674026
 0.004767  0.662075  131.482047
0.56340    6.007875  107.682691    0.674026
 0.004767  1.060958  153.951959

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -10.254604  -61.274334   -0.957179
-0.003791  -0.544939  -47.323649
0.14085   -10.254604  -61.274334   -0.957179
-0.003791  -0.144498  -53.397566
0.28170   -10.254604  -61.274334   -0.957179
-0.003791  -0.186882  -70.014214
0.42255   -10.254604  -61.274334   -0.957179
-0.003791  -0.471401  -98.338784
0.56340   -10.254604  -61.274334   -0.957179
-0.003791  -0.754105 -136.161747

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.530872   32.327043    0.178279
 0.000638  0.100153   12.396708
0.14085    0.530872   32.327043    0.178279
 0.000638  0.025386   10.913797
0.28170    0.530872   32.327043    0.178279
 0.000638  0.091937   11.866792
0.42255    0.530872   32.327043    0.178279
 0.000638  0.226695   13.331369
0.56340    0.530872   32.327043    0.178279
 0.000638  0.361526   14.973961

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -5.173086   -8.052324   -0.321571
-9.20E-06  -0.178134  -13.511698
0.14085   -5.173086   -8.052324   -0.321571
-9.20E-06  -0.043426  -17.946990
0.28170   -5.173086   -8.052324   -0.321571
-9.20E-06  -0.049240  -29.729160
0.42255   -5.173086   -8.052324   -0.321571
-9.20E-06  -0.124095  -42.344634
0.56340   -5.173086   -8.052324   -0.321571
-9.20E-06  -0.198890  -55.692708

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.691872  125.856629    0.297606
 0.005645  0.166311  123.342701
0.14085    1.691872  125.856629    0.297606
 0.005645  0.053320   87.137787
0.28170    1.691872  125.856629    0.297606
 0.005645  0.189127   62.923821
0.42255    1.691872  125.856629    0.297606
 0.005645  0.324935   54.238903
0.56340    1.691872  125.856629    0.297606
 0.005645  0.739472   56.988662

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -10.177367  -16.391399   -0.676030
-0.004780  -0.394758  -13.365929
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3273

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.14085   -10.177367  -16.391399   -0.676030
-0.004780  -0.112487  -14.156056
0.28170   -10.177367  -16.391399   -0.676030
-0.004780  -0.083143  -28.893469
0.42255   -10.177367  -16.391399   -0.676030
-0.004780  -0.307996  -59.206691
0.56340   -10.177367  -16.391399   -0.676030
-0.004780  -0.332845 -101.991645

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    2.413987  122.385387    0.509163
 0.005651  0.284358  118.495120
0.14085    2.413987  122.385387    0.509163
 0.005651  0.081374   90.049597
0.28170    2.413987  122.385387    0.509163
 0.005651  0.240694   72.313672
0.42255    2.413987  122.385387    0.509163
 0.005651  0.585631   68.615202
0.56340    2.413987  122.385387    0.509163
 0.005651  0.939376   75.147113

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -11.632599  -24.600227   -0.850977
-0.004319  -0.488344  -41.284137
0.14085   -11.632599  -24.600227   -0.850977
-0.004319  -0.132631  -45.348386
0.28170   -11.632599  -24.600227   -0.850977
-0.004319  -0.142551  -62.407067
0.42255   -11.632599  -24.600227   -0.850977
-0.004319  -0.356132  -93.100325
0.56340   -11.632599  -24.600227   -0.850977
-0.004319  -0.569701 -135.414420

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    7.628168  104.160455    0.713410
 0.003961  0.398842  104.456317
0.14085    7.628168  104.160455    0.713410
 0.003961  0.106480  106.482479
0.28170    7.628168  104.160455    0.713410
 0.003961  0.277785  117.769132
0.42255    7.628168  104.160455    0.713410
 0.003961  0.684552  138.946894
0.56340    7.628168  104.160455    0.713410
 0.003961  1.097108  167.000591

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -10.034167  -73.992244   -0.988728
-0.003471  -0.561708  -40.193440
0.14085   -10.034167  -73.992244   -0.988728
-0.003471  -0.147922  -47.300690
0.28170   -10.034167  -73.992244   -0.988728
-0.003471  -0.199397  -65.222264
0.42255   -10.034167  -73.992244   -0.988728
-0.003471  -0.498638  -95.019889
0.56340   -10.034167  -73.992244   -0.988728
-0.003471  -0.797859 -132.583799

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    7.997995   18.642004    0.493835
 1.91E-05  0.276597   2.324375
0.14085    7.997995   18.642004    0.493835
 1.91E-05  0.069455   14.888552
0.28170    7.997995   18.642004    0.493835
 1.91E-05  0.130705   40.569698
0.42255    7.997995   18.642004    0.493835
 1.91E-05  0.327532   66.488612
0.56340    7.997995   18.642004    0.493835
 1.91E-05  0.524371   92.461473
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3274

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -1.267632  -62.075660   -0.469366
-0.001211  -0.263009  -12.841435
0.14085   -1.267632  -62.075660   -0.469366
-0.001211  -0.066109  -17.719398
0.28170   -1.267632  -62.075660   -0.469366
-0.001211  -0.137597  -24.610537
0.42255   -1.267632  -62.075660   -0.469366
-0.001211  -0.344721  -31.908859
0.56340   -1.267632  -62.075660   -0.469366
-0.001211  -0.551827  -39.617596

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.110409  101.962372    0.686600
 0.005881  0.384393  112.816697
0.14085   11.110409  101.962372    0.686600
 0.005881  0.110887  108.259842
0.28170   11.110409  101.962372    0.686600
 0.005881  0.216822  111.968103
0.42255   11.110409  101.962372    0.686600
 0.005881  0.531777  132.953570
0.56340   11.110409  101.962372    0.686600
 0.005881  0.858571  166.938619

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -5.504646  -86.076609   -0.788953
-0.007144  -0.464962  -13.598431
0.14085   -5.504646  -86.076609   -0.788953
-0.007144  -0.135510  -22.181234
0.28170   -5.504646  -86.076609   -0.788953
-0.007144  -0.191445  -30.936332
0.42255   -5.504646  -86.076609   -0.788953
-0.007144  -0.479443  -44.054740
0.56340   -5.504646  -86.076609   -0.788953
-0.007144  -0.767390  -75.026893

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    9.803845  121.225889    0.699123
 0.004594  0.391204  105.312688
0.14085    9.803845  121.225889    0.699123
 0.004594  0.107820  100.696548
0.28170    9.803845  121.225889    0.699123
 0.004594  0.274911  108.948636
0.42255    9.803845  121.225889    0.699123
 0.004594  0.577498  128.331774
0.56340    9.803845  121.225889    0.699123
 0.004594  1.088189  161.210020

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.863644  -82.498872   -0.986193
-0.005135  -0.566312  -15.082344
0.14085   -8.863644  -82.498872   -0.986193
-0.005135  -0.154230  -20.571165
0.28170   -8.863644  -82.498872   -0.986193
-0.005135  -0.195051  -39.482678
0.42255   -8.863644  -82.498872   -0.986193
-0.005135  -0.488285  -71.753172
0.56340   -8.863644  -82.498872   -0.986193
-0.005135  -0.781520 -114.433813

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    8.763734  111.554715    0.770549
 0.004283  0.431058   92.267319
0.14085    8.763734  111.554715    0.770549
 0.004283  0.115995   91.489932
0.28170    8.763734  111.554715    0.770549
 0.004283  0.289783  101.570651
0.42255    8.763734  111.554715    0.770549
 0.004283  0.713433  122.593954
0.56340    8.763734  111.554715    0.770549
 0.004283  1.143813  151.508783
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING              LOAD              >
                                    3275

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -10.174288  -76.320187   -1.031970
-0.004254  -0.587495  -35.460744
0.14085   -10.174288  -76.320187   -1.031970
-0.004254  -0.155998  -43.823058
0.28170   -10.174288  -76.320187   -1.031970
-0.004254  -0.215105  -62.930602
0.42255   -10.174288  -76.320187   -1.031970
-0.004254  -0.538314  -93.711187
0.56340   -10.174288  -76.320187   -1.031970
-0.004254  -0.861498 -133.457885

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    2.537771   10.620833    0.504788
 0.000725  0.283405   17.380658
0.14085    2.537771   10.620833    0.504788
 0.000725  0.071300   24.399115
0.28170    2.537771   10.620833    0.504788
 0.000725  0.168326   31.503890
0.42255    2.537771   10.620833    0.504788
 0.000725  0.414673   38.674508
0.56340    2.537771   10.620833    0.504788
 0.000725  0.661998   45.904887
```

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.310126	-17.509777	-0.588533
-3.97E-06	-0.323369	-44.361230	
0.14085	-2.310126	-17.509777	-0.588533
-3.97E-06	-0.077338	-48.389258	
0.28170	-2.310126	-17.509777	-0.588533
-3.97E-06	-0.139826	-52.482734	
0.42255	-2.310126	-17.509777	-0.588533
-3.97E-06	-0.351676	-56.651545	
0.56340	-2.310126	-17.509777	-0.588533
-3.97E-06	-0.563348	-60.891899	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.105101	30.406846	0.852630
0.001402	0.477897	25.290514	
0.14085	3.105101	30.406846	0.852630
0.001402	0.120148	35.078525	
0.28170	3.105101	30.406846	0.852630
0.001402	0.291417	45.461120	
0.42255	3.105101	30.406846	0.852630
0.001402	0.721627	56.468054	
0.56340	3.105101	30.406846	0.852630
0.001402	1.153359	67.853877	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.072250	-27.935243	-1.028211
-0.000111	-0.568667	-66.038688	
0.14085	-7.072250	-27.935243	-1.028211
-0.000111	-0.138575	-75.532077	
0.28170	-7.072250	-27.935243	-1.028211
-0.000111	-0.237264	-85.743816	
0.42255	-7.072250	-27.935243	-1.028211
-0.000111	-0.594987	-97.068565	
0.56340	-7.072250	-27.935243	-1.028211
-0.000111	-0.952609	-109.230209	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.173064	72.694571	0.994721
0.001543	0.556284	71.646798	
0.14085	3.173064	72.694571	0.994721
0.001543	0.138950	64.700361	
0.28170	3.173064	72.694571	0.994721
0.001543	0.373979	65.611342	
0.42255	3.173064	72.694571	0.994721
0.001543	0.927223	74.115356	
0.56340	3.173064	72.694571	0.994721
0.001543	1.481803	84.188126	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3276

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.837902	-29.247695	-1.321096
-7.65E-06	-0.731621	-58.026068	
0.14085	-9.837902	-29.247695	-1.321096
-7.65E-06	-0.178581	-63.507566	
0.28170	-9.837902	-29.247695	-1.321096
-7.65E-06	-0.275777	-78.098915	
0.42255	-9.837902	-29.247695	-1.321096
-7.65E-06	-0.693044	-105.763984	
0.56340	-9.837902	-29.247695	-1.321096
-7.65E-06	-1.109966	-134.892885	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.677676	97.258571	1.227165
0.003940	0.691549	128.941575	
0.14085	6.677676	97.258571	1.227165
0.003940	0.182542	126.152813	
0.28170	6.677676	97.258571	1.227165
0.003940	0.450911	129.972987	
0.42255	6.677676	97.258571	1.227165
0.003940	1.117258	146.850247	
0.56340	6.677676	97.258571	1.227165
0.003940	1.788265	170.436644	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.424576	-64.057113	-1.605673
-0.002959	-0.904391	-52.945895	
0.14085	-10.424576	-64.057113	-1.605673
-0.002959	-0.232459	-76.667974	
0.28170	-10.424576	-64.057113	-1.605673
-0.002959	-0.339912	-76.166829	
0.42255	-10.424576	-64.057113	-1.605673
-0.002959	-0.854613	-102.333992	
0.56340	-10.424576	-64.057113	-1.605673
-0.002959	-1.368941	-139.669970	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.661826	29.128556	0.351671
0.000594	0.196693	13.533922	
0.14085	0.661826	29.128556	0.351671
0.000594	0.049489	12.566914	
0.28170	0.661826	29.128556	0.351671
0.000594	0.134905	14.661532	
0.42255	0.661826	29.128556	0.351671
0.000594	0.338674	17.568787	
0.56340	0.661826	29.128556	0.351671
0.000594	0.538964	20.789574	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.748709	-9.845696	-0.481841
-5.28E-06	-0.269195	-12.660596	
0.14085	-5.748709	-9.845696	-0.481841
-5.28E-06	-0.067089	-18.060018	
0.28170	-5.748709	-9.845696	-0.481841
-5.28E-06	-0.098288	-28.073253	
0.42255	-5.748709	-9.845696	-0.481841
-5.28E-06	-0.245673	-39.300981	
0.56340	-5.748709	-9.845696	-0.481841
-5.28E-06	-0.393190	-50.984560	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.916074	110.975338	0.639924
0.004873	0.365381	126.957519	
0.14085	1.916074	110.975338	0.639924
0.004873	0.106593	93.589451	
0.28170	1.916074	110.975338	0.639924
0.004873	0.268740	69.094116	
0.42255	1.916074	110.975338	0.639924
0.004873	0.664321	62.884763	
0.56340	1.916074	110.975338	0.639924
0.004873	1.065130	66.299291	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3277

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.256060	-18.397308	-0.966400
-0.004073	-0.557894	-12.881699	
0.14085	-10.256060	-18.397308	-0.966400
-0.004073	-0.153670	-14.338200	
0.28170	-10.256060	-18.397308	-0.966400
-0.004073	-0.176834	-26.892726	
0.42255	-10.256060	-18.397308	-0.966400
-0.004073	-0.444802	-52.505571	
0.56340	-10.256060	-18.397308	-0.966400
-0.004073	-0.712454	-94.527784	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.921733	110.057353	0.967431
0.004969	0.548141	125.360556	
0.14085	2.921733	110.057353	0.967431
0.004969	0.151204	100.502280	
0.28170	2.921733	110.057353	0.967431
0.004969	0.373148	83.799129	
0.42255	2.921733	110.057353	0.967431
0.004969	0.922393	83.576527	
0.56340	2.921733	110.057353	0.967431
0.004969	1.477662	92.043418	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.771571	-29.605727	-1.332060
-0.003686	-0.757306	-44.101958	
0.14085	-11.771571	-29.605727	-1.332060
-0.003686	-0.200068	-49.194438	
0.28170	-11.771571	-29.605727	-1.332060
-0.003686	-0.268253	-64.733789	
0.42255	-11.771571	-29.605727	-1.332060
-0.003686	-0.673421	-91.833204	
0.56340	-11.771571	-29.605727	-1.332060
-0.003686	-1.078747	-133.747239	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.417627	96.279282	1.301440
0.003303	0.731169	111.225448	
0.14085	7.417627	96.279282	1.301440
0.003303	0.190245	114.572213	
0.28170	7.417627	96.279282	1.301440
0.003303	0.471776	124.883778	
0.42255	7.417627	96.279282	1.301440
0.003303	1.172818	147.053482	
0.56340	7.417627	96.279282	1.301440
0.003303	1.877936	174.851264	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.526318	-73.673056	-1.685876
-0.002840	-0.949852	-44.306617	
0.14085	-10.526318	-73.673056	-1.685876
-0.002840	-0.243771	-53.371527	
0.28170	-10.526318	-73.673056	-1.685876
-0.002840	-0.361189	-71.207222	
0.42255	-10.526318	-73.673056	-1.685876
-0.002840	-0.907294	-99.193402	
0.56340	-10.526318	-73.673056	-1.685876
-0.002840	-1.452894	-136.482787	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.974926	24.351115	0.827207
1.40E-05	0.460963	2.689849	
0.14085	6.974926	24.351115	0.827207
1.40E-05	0.113767	13.355216	
0.28170	6.974926	24.351115	0.827207
1.40E-05	0.265166	35.755619	
0.42255	6.974926	24.351115	0.827207
1.40E-05	0.664970	58.691234	
0.56340	6.974926	24.351115	0.827207
1.40E-05	1.064723	81.880073	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3278

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.240982	-56.196153	-0.953068
-0.001183	-0.533992	-26.210346	
0.14085	-2.240982	-56.196153	-0.953068
-0.001183	-0.134317	-27.295203	
0.28170	-2.240982	-56.196153	-0.953068
-0.001183	-0.222981	-30.519716	
0.42255	-2.240982	-56.196153	-0.953068
-0.001183	-0.577746	-45.490928	
0.56340	-2.240982	-56.196153	-0.953068
-0.001183	-0.924880	-55.327438	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.855574	105.339008	1.199282
0.005855	0.680992	120.251690	
0.14085	9.855574	105.339008	1.199282
0.005855	0.190545	112.662784	
0.28170	9.855574	105.339008	1.199282
0.005855	0.408314	112.020938	
0.42255	9.855574	105.339008	1.199282
0.005855	1.013824	127.912025	
0.56340	9.855574	105.339008	1.199282
0.005855	1.626938	156.607400	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.703362	-78.154929	-1.476403
-0.007048	-0.852684	-22.744012	
0.14085	-6.703362	-78.154929	-1.476403
-0.007048	-0.235176	-31.049631	
0.28170	-6.703362	-78.154929	-1.476403
-0.007048	-0.331989	-42.347150	
0.42255	-6.703362	-78.154929	-1.476403
-0.007048	-0.835438	-57.890199	
0.56340	-6.703362	-78.154929	-1.476403
-0.007048	-1.338274	-96.370925	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.879166	119.412791	1.300340
0.004679	0.733971	118.234756	
0.14085	8.879166	119.412791	1.300340
0.004679	0.197837	107.657056	
0.28170	8.879166	119.412791	1.300340
0.004679	0.470723	108.844162	
0.42255	8.879166	119.412791	1.300340
0.004679	1.170479	126.859163	
0.56340	8.879166	119.412791	1.300340
0.004679	1.876930	154.476878	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.952416	-75.842905	-1.693522
-0.005267	-0.966180	-22.059061	
0.14085	-9.952416	-75.842905	-1.693522
-0.005267	-0.257398	-28.364766	
0.28170	-9.952416	-75.842905	-1.693522
-0.005267	-0.360039	-47.909871	
0.42255	-9.952416	-75.842905	-1.693522
-0.005267	-0.905572	-77.034935	
0.56340	-9.952416	-75.842905	-1.693522
-0.005267	-1.450649	-122.583490	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.116335	110.847414	1.398610
0.004372	0.787708	104.968728	
0.14085	8.116335	110.847414	1.398610
0.004372	0.208785	100.251487	
0.28170	8.116335	110.847414	1.398610
0.004372	0.499436	105.240993	
0.42255	8.116335	110.847414	1.398610
0.004372	1.241916	124.373546	
0.56340	8.116335	110.847414	1.398610
0.004372	1.989663	151.501510	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3279

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.465249	-73.132896	-1.790977
-0.004375	-1.015648	-42.569208	
0.14085	-11.465249	-73.132896	-1.790977
-0.004375	-0.266081	-51.847914	
0.28170	-11.465249	-73.132896	-1.790977
-0.004375	-0.388261	-72.000804	
0.42255	-11.465249	-73.132896	-1.790977
-0.004375	-0.974852	-100.747646	
0.56340	-11.465249	-73.132896	-1.790977
-0.004375	-1.561255	-143.314589	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.110409	125.856629	0.770549
0.005881	0.431058	123.342701	
0.14085	11.110409	125.856629	0.770549
0.005881	0.115995	114.639338	
0.28170	11.110409	125.856629	0.770549
0.005881	0.289783	117.769132	
0.42255	11.110409	125.856629	0.770549
0.005881	0.713433	138.946894	
0.56340	11.110409	125.856629	0.770549
0.005881	1.143813	167.000591	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.632599	-86.076609	-1.031970
-0.007144	-0.587495	-59.661197	
0.14085	-11.632599	-86.076609	-1.031970
-0.007144	-0.155998	-69.139673	
0.28170	-11.632599	-86.076609	-1.031970
-0.007144	-0.215105	-78.960050	
0.42255	-11.632599	-86.076609	-1.031970
-0.007144	-0.538314	-104.345701	
0.56340	-11.632599	-86.076609	-1.031970
-0.007144	-0.861498	-136.424602	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.855574	119.412791	1.398610
0.005855	0.787708	128.941575	
0.14085	9.855574	119.412791	1.398610
0.005855	0.208785	126.152813	
0.28170	9.855574	119.412791	1.398610
0.005855	0.499436	129.972987	
0.42255	9.855574	119.412791	1.398610
0.005855	1.241916	147.053482	
0.56340	9.855574	119.412791	1.398610
0.005855	1.989663	174.851264	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.771571	-78.154929	-1.790977
-0.007048	-1.015648	-66.038688	
0.14085	-11.771571	-78.154929	-1.790977
-0.007048	-0.266081	-75.532077	
0.28170	-11.771571	-78.154929	-1.790977
-0.007048	-0.388261	-85.743816	
0.42255	-11.771571	-78.154929	-1.790977
-0.007048	-0.974852	-105.763984	
0.56340	-11.771571	-78.154929	-1.790977
-0.007048	-1.561255	-143.314589	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.110409	125.856629	1.398610
0.005881	0.787708	128.941575	
0.14085	11.110409	125.856629	1.398610
0.005881	0.208785	126.152813	
0.28170	11.110409	125.856629	1.398610
0.005881	0.499436	129.972987	
0.42255	11.110409	125.856629	1.398610
0.005881	1.241916	147.053482	
0.56340	11.110409	125.856629	1.398610
0.005881	1.989663	174.851264	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3280

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.771571	-86.076609	-1.790977
-0.007144	-1.015648	-66.038688	
0.14085	-11.771571	-86.076609	-1.790977
-0.007144	-0.266081	-75.532077	
0.28170	-11.771571	-86.076609	-1.790977
-0.007144	-0.388261	-85.743816	
0.42255	-11.771571	-86.076609	-1.790977
-0.007144	-0.974852	-105.763984	
0.56340	-11.771571	-86.076609	-1.790977
-0.007144	-1.561255	-143.314589	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.110409	125.856629	1.398610
0.005881	0.787708	128.941575	
0.14085	11.110409	125.856629	1.398610
0.005881	0.208785	126.152813	
0.28170	11.110409	125.856629	1.398610
0.005881	0.499436	129.972987	
0.42255	11.110409	125.856629	1.398610
0.005881	1.241916	147.053482	
0.56340	11.110409	125.856629	1.398610
0.005881	1.989663	174.851264	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.771571	-86.076609	-1.790977
-0.007144	-1.015648	-66.038688	
0.14085	-11.771571	-86.076609	-1.790977
-0.007144	-0.266081	-75.532077	
0.28170	-11.771571	-86.076609	-1.790977
-0.007144	-0.388261	-85.743816	
0.42255	-11.771571	-86.076609	-1.790977
-0.007144	-0.974852	-105.763984	
0.56340	-11.771571	-86.076609	-1.790977
-0.007144	-1.561255	-143.314589	

ELEM = 2.977600 308 ========== LENGTH

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.457026	15.703777	0.340548
0.000813	0.377770	2.456566	
0.57744	0.457026	15.703777	0.340548
0.000813	0.234943	2.362735	
0.71830	0.457026	15.703777	0.340548
0.000813	0.092108	3.212607	
0.85915	0.457026	15.703777	0.340548
0.000813	0.044400	6.064555	
1.00000	0.457026	15.703777	0.340548
0.000813	0.168273	9.365271	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-3.980724	-8.481890	-0.295291
-1.32E-05	-0.327108	-23.792086	
0.57744	-3.980724	-8.481890	-0.295291
-1.32E-05	-0.203264	-29.795836	
0.71830	-3.980724	-8.481890	-0.295291
-1.32E-05	-0.079427	-35.852293	
0.85915	-3.980724	-8.481890	-0.295291
-1.32E-05	-0.050633	-41.937482	
1.00000	-3.980724	-8.481890	-0.295291
-1.32E-05	-0.193533	-48.134121	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.952117	39.975568	0.545560
0.001611	0.605582	28.988206	
0.57744	0.952117	39.975568	0.545560
0.001611	0.377666	21.155087	
0.71830	0.952117	39.975568	0.545560
0.001611	0.147930	14.856938	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3281

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	0.952117	39.975568	0.545560
0.001611	0.076060	12.909471	
1.00000	0.952117	39.975568	0.545560
0.001611	0.289575	16.507830	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-7.993535	-14.350942	-0.509076
-0.000308	-0.564473	-30.283484	
0.57744	-7.993535	-14.350942	-0.509076
-0.000308	-0.350977	-36.598705	
0.71830	-7.993535	-14.350942	-0.509076
-0.000308	-0.138123	-45.631399	
0.85915	-7.993535	-14.350942	-0.509076
-0.000308	-0.081154	-56.997516	
1.00000	-7.993535	-14.350942	-0.509076
-0.000308	-0.309641	-69.070648	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.007008	92.015467	0.551514
0.001252	0.612740	170.248063	
0.57744	1.007008	92.015467	0.551514
0.001252	0.381443	139.686014	
0.71830	1.007008	92.015467	0.551514
0.001252	0.150094	110.044012	
0.85915	1.007008	92.015467	0.551514
0.001252	0.102646	83.657954	
1.00000	1.007008	92.015467	0.551514
0.001252	0.396399	60.699181	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-11.230099	-11.345529	-0.700359
-5.56E-05	-0.778656	-28.180659	
0.57744	-11.230099	-11.345529	-0.700359
-5.56E-05	-0.484924	-34.531512	
0.71830	-11.230099	-11.345529	-0.700359
-5.56E-05	-0.191207	-42.333544	
0.85915	-11.230099	-11.345529	-0.700359
-5.56E-05	-0.081038	-51.668518	
1.00000	-11.230099	-11.345529	-0.700359
-5.56E-05	-0.312487	-61.366128	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	7.520203	82.291396	0.683672
0.004529	0.760062	159.112353	
0.57744	7.520203	82.291396	0.683672
0.004529	0.473310	133.552525	
0.71830	7.520203	82.291396	0.683672
0.004529	0.186516	117.652152	
0.85915	7.520203	82.291396	0.683672
0.004529	0.135377	116.534686	
1.00000	7.520203	82.291396	0.683672
0.004529	0.481735	129.710398	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-9.640764	-92.364437	-0.826801
-0.003995	-0.905944	-84.293440	
0.57744	-9.640764	-92.364437	-0.826801
-0.003995	-0.559392	-59.359925	
0.71830	-9.640764	-92.364437	-0.826801
-0.003995	-0.225087	-47.585094	
0.85915	-9.640764	-92.364437	-0.826801
-0.003995	-0.108642	-44.642301	
1.00000	-9.640764	-92.364437	-0.826801
-0.003995	-0.386890	-54.179265	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.525981	38.508496	0.185942
0.000587	0.206914	67.255122	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3282

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57744	0.525981	38.508496	0.185942
0.000587	0.128899	51.691771	
0.71830	0.525981	38.508496	0.185942
0.000587	0.050829	36.500437	
0.85915	0.525981	38.508496	0.185942
0.000587	0.037124	22.366704	
1.00000	0.525981	38.508496	0.185942
0.000587	0.145596	13.670752	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-4.981317	-3.273637	-0.258564
-0.000178	-0.288193	-6.744169	
0.57744	-4.981317	-3.273637	-0.258564
-0.000178	-0.179780	-5.631666	
0.71830	-4.981317	-3.273637	-0.258564
-0.000178	-0.071399	-6.347534	
0.85915	-4.981317	-3.273637	-0.258564

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-0.000178   -0.026965   -9.028288
 1.00000    -4.981317   -3.273637    -0.258564
-0.000178   -0.105009   -12.243354

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    4.568483    86.156686    0.286895
 0.005105   0.319651    204.383486
 0.57744    4.568483    86.156686    0.286895
 0.005105   0.199301    170.871348
 0.71830    4.568483    86.156686    0.286895
 0.005105   0.078909    147.574027
 0.85915    4.568483    86.156686    0.286895
 0.005105   0.099086    139.191245
 1.00000    4.568483    86.156686    0.286895
 0.005105   0.329404    134.327902

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -7.700005   -60.701544   -0.550672
-0.004873   -0.535269   -26.235410
 0.57744   -7.700005   -60.701544   -0.550672
-0.004873   -0.364603   -7.270700
 0.71830   -7.700005   -60.701544   -0.550672
-0.004873   -0.150742   -6.335171
 0.85915   -7.700005   -60.701544   -0.550672
-0.004873   -0.053094   -9.019979
 1.00000   -7.700005   -60.701544   -0.550672
-0.004873   -0.161673   -12.377167

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    4.491626    91.464217    0.515573
 0.005234   0.573261    183.197573
 0.57744    4.491626    91.464217    0.515573
 0.005234   0.357007    153.764673
 0.71830    4.491626    91.464217    0.515573
 0.005234   0.140706    133.697315
 0.85915    4.491626    91.464217    0.515573
 0.005234   0.122523    128.907767
 1.00000    4.491626    91.464217    0.515573
 0.005234   0.422894    126.908946

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -10.223351   -60.776497   -0.717420
-0.004393   -0.781438   -35.435943
 0.57744   -10.223351   -60.776497   -0.717420
-0.004393   -0.480811   -24.556334
 0.71830   -10.223351   -60.776497   -0.717420
-0.004393   -0.195364   -29.693993
 0.85915   -10.223351   -60.776497   -0.717420
-0.004393   -0.085971   -37.771291
 1.00000   -10.223351   -60.776497   -0.717420
-0.004393   -0.291683   -46.377006
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3283

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    9.386969    81.570216    0.718597
 0.003702   0.799286    157.709681
 0.57744    9.386969    81.570216    0.718597
 0.003702   0.497887    131.329337
 0.71830    9.386969    81.570216    0.718597
 0.003702   0.196447    111.537112
 0.85915    9.386969    81.570216    0.718597
 0.003702   0.137356    104.213922
 1.00000    9.386969    81.570216    0.718597
 0.003702   0.498525    113.935090

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -8.942727   -102.122179   -0.861855
-0.003598   -0.947858   -108.789141
 0.57744   -8.942727   -102.122179   -0.861855
-0.003598   -0.586567   -77.164327
 0.71830   -8.942727   -102.122179   -0.861855
-0.003598   -0.235238   -56.283429
 0.85915   -8.942727   -102.122179   -0.861855
-0.003598   -0.124711   -37.554797
 1.00000   -8.942727   -102.122179   -0.861855
-0.003598   -0.406255   -43.254774

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    9.088368    10.285539    0.495891
 7.15E-06   0.551882    11.811955
 0.57744    9.088368    10.285539    0.495891
 7.15E-06   0.343906    7.836637
 0.71830    9.088368    10.285539    0.495891
 7.15E-06   0.135924    4.348272
 0.85915    9.088368    10.285539    0.495891
 7.15E-06   0.068846    3.343695
 1.00000    9.088368    10.285539    0.495891
 7.15E-06   0.267565    2.614211

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -0.667314   -73.500154   -0.473635
-0.001013   -0.527008   -134.685278
 0.57744   -0.667314   -73.500154   -0.473635
-0.001013   -0.326366   -103.904772
 0.71830   -0.667314   -73.500154   -0.473635
-0.001013   -0.129742   -73.149261
 0.85915   -0.667314   -73.500154   -0.473635
-0.001013   -0.071996   -42.400700
 1.00000   -0.667314   -73.500154   -0.473635
-0.001013   -0.280024   -11.701623

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   15.464059    35.424759    0.683165
 0.005709   0.760499    88.979401
 0.57744   15.464059    35.424759    0.683165
 0.005709   0.473980    77.334149
 0.71830   15.464059    35.424759    0.683165
 0.005709   0.187417    78.264080
 0.85915   15.464059    35.424759    0.683165
 0.005709   0.132685    98.040671
 1.00000   15.464059    35.424759    0.683165
 0.005709   0.445570    119.284495

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -1.923043   -160.477535   -0.747722
-0.007054   -0.809691   -175.002189
 0.57744   -1.923043   -160.477535   -0.747722
-0.007054   -0.496452   -115.588819
 0.71830   -1.923043   -160.477535   -0.747722
-0.007054   -0.203653   -76.199867
 0.85915   -1.923043   -160.477535   -0.747722
-0.007054   -0.113371   -39.205294
 1.00000   -1.923043   -160.477535   -0.747722
-0.007054   -0.385576   -10.853643
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3284

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    13.279470    78.453899    0.690015
 0.004081   0.768339    182.897226
 0.57744    13.279470    78.453899    0.690015
 0.004081   0.478925    152.366529
 0.71830    13.279470    78.453899    0.690015
 0.004081   0.189489    130.596001
 0.85915    13.279470    78.453899    0.690015
 0.004081   0.146532    121.983711
 1.00000    13.279470    78.453899    0.690015
 0.004081   0.522507    115.489094

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -6.269057   -131.511121   -0.897553
-0.005084   -0.983972   -157.816980
 0.57744   -6.269057   -131.511121   -0.897553
-0.005084   -0.607779   -107.957169
 0.71830   -6.269057   -131.511121   -0.897553
-0.005084   -0.245620   -71.301765
 0.85915   -6.269057   -131.511121   -0.897553
-0.005084   -0.109620   -37.552022
 1.00000   -6.269057   -131.511121   -0.897553
-0.005084   -0.389243   -12.038599

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    11.398621    80.703643    0.772594
 0.003915   0.859651    159.396807
 0.57744    11.398621    80.703643    0.772594
 0.003915   0.535606    140.214652
 0.71830    11.398621    80.703643    0.772594
 0.003915   0.211516    111.157140
 0.85915    11.398621    80.703643    0.772594
 0.003915   0.148263    103.448127
 1.00000    11.398621    80.703643    0.772594
 0.003915   0.536224    99.779059

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -8.263892   -113.568358   -0.925961
-0.004248   -1.017769   -137.619582
 0.57744   -8.263892   -113.568358   -0.925961
-0.004248   -0.629619   -99.561089
 0.71830   -8.263892   -113.568358   -0.925961
-0.004248   -0.253075   -73.980273
 0.85915   -8.263892   -113.568358   -0.925961
-0.004248   -0.120469   -50.921227
 1.00000   -8.263892   -113.568358   -0.925961
-0.004248   -0.436474   -35.534745

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    0.571223    19.088822    0.440335
 0.000773   0.488472    2.819351
 0.57744    0.571221    19.088822    0.440335
 0.000773   0.303748    2.871097
 0.71830    0.571221    19.088822    0.440335
 0.000773   0.119044    5.675194
 0.85915    0.571221    19.088822    0.440335
 0.000773   0.081936    8.480720
 1.00000    0.571221    19.088822    0.440335
 0.000773   0.312889    14.691486

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -4.020053   -11.640122   -0.552823
-9.52E-06   -0.612411   -30.593274
 0.57744   -4.020053   -11.640122   -0.552823
-9.52E-06   -0.380585   -34.875890
 0.71830   -4.020053   -11.640122   -0.552823
-9.52E-06   -0.148490   -41.541326
 0.85915   -4.020053   -11.640122   -0.552823
-9.52E-06   -0.065353   -49.157019
 1.00000   -4.020053   -11.640122   -0.552823
-9.52E-06   -0.249933   -56.866222
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3285

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    1.085406    44.851921    0.749698
 0.001429   0.830749    30.866676
 0.57744    1.085406    44.851921    0.749698
 0.001429   0.516254    22.501815
 0.71830    1.085406    44.851921    0.749698
 0.001429   0.201868    17.886086
 0.85915    1.085406    44.851921    0.749698
 0.001429   0.131471    17.389416
 1.00000    1.085406    44.851921    0.749698
 0.001429   0.507823    22.193096

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -8.238553   -17.855334   -0.899861
-0.000241   -0.999687   -37.610121
 0.57744   -8.238553   -17.855334   -0.899861
-0.000241   -0.621095   -42.797471
 0.71830   -8.238553   -17.855334   -0.899861
-0.000241   -0.244462   -52.197729
 0.85915   -8.238553   -17.855334   -0.899861
-0.000241   -0.112626   -64.255392
 1.00000   -8.238553   -17.855334   -0.899861
-0.000241   -0.426681   -79.101093

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    1.244188    90.494186    0.826602
 0.001181   0.916179    172.031072
 0.57744    1.244188    90.494186    0.826602
 0.001181   0.569165    143.778754
 0.71830    1.244188    90.494186    0.826602
 0.001181   0.222606    118.571067
 0.85915    1.244188    90.494186    0.826602
 0.001181   0.158405    96.609837
 1.00000    1.244188    90.494186    0.826602
 0.001181   0.618863    78.337299

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -10.930256   -15.967242   -1.099925
-7.32E-05   -1.223540   -34.916698
 0.57744   -10.930256   -15.967242   -1.099925
-7.32E-05   -0.761973   -39.774149
 0.71830   -10.930256   -15.967242   -1.099925
-7.32E-05   -0.301166   -47.802358
 0.85915   -10.930256   -15.967242   -1.099925
-7.32E-05   -0.121482   -58.091569
 1.00000   -10.930256   -15.967242   -1.099925
-7.32E-05   -0.468230   -70.168605

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    6.826768    82.735591    1.036489
 0.003710   1.148540    165.818473
 0.57744    6.826768    82.735591    1.036489
 0.003710   0.713748    141.691041
 0.71830    6.826768    82.735591    1.036489
 0.003710   0.279440    127.440564
 0.85915    6.826768    82.735591    1.036489
 0.003710   0.206921    127.972099
 1.00000    6.826768    82.735591    1.036489
 0.003710   0.770073    140.871842

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -9.414992   -84.639574   -1.345428
-0.003194   -1.485924   -83.089065
 0.57744   -9.414992   -84.639574   -1.345428
-0.003194   -0.922697   -59.278889
 0.71830   -9.414992   -84.639574   -1.345428
-0.003194   -0.367427   -50.279422
 0.85915   -9.414992   -84.639574   -1.345428
-0.003194   -0.162962   -50.666601
 1.00000   -9.414992   -84.639574   -1.345428
-0.003194   -0.592990   -62.586036
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3286

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    0.627033    36.113166    0.301563
 0.000491   0.334031    65.870481
 0.57744    0.627033    36.113166    0.301563
 0.000491   0.207381    51.253547
 0.71830    0.627033    36.113166    0.301563
 0.000491   0.080993    37.245407
 0.85915    0.627033    36.113166    0.301563
 0.000491   0.051739    24.743836
 1.00000    0.627033    36.113166    0.301563
 0.000491   0.206159    15.711333

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -5.007306   -3.901207    -0.368221
-0.000189   -0.411129   -6.693848
 0.57744   -5.007306   -3.901207    -0.368221
-0.000189   -0.256795   -6.238201
 0.71830   -5.007306   -3.901207    -0.368221
-0.000189   -0.102432   -6.755636
 0.85915   -5.007306   -3.901207    -0.368221
-0.000189   -0.045701   -8.356756
 1.00000   -5.007306   -3.901207    -0.368221
-0.000189   -0.171857   -11.708278

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    4.220398    80.122247    0.507571
 0.004424   0.560799    207.937700
 0.57744    4.220398    80.122247    0.507571
 0.004424   0.348451    177.121631
 0.71830    4.220398    80.122247    0.507571
 0.004424   0.136255    155.626674
 0.85915    4.220398    80.122247    0.507571
 0.004424   0.125672    146.627478
 1.00000    4.220398    80.122247    0.507571
 0.004424   0.438752    141.152236

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -7.350016   -53.021185   -0.747940
-0.004234   -0.817485   -26.392092
 0.57744   -7.350016   -53.021185   -0.747940
-0.004234   -0.505905   -7.515800
 0.71830   -7.350016   -53.021185   -0.747940
-0.004234   -0.205611   -6.623967
 0.85915   -7.350016   -53.021185   -0.747940
-0.004234   -0.091802   -8.506915
 1.00000   -7.350016   -53.021185   -0.747940
-0.004234   -0.297145   -12.241148

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    4.158956    89.335840    0.803701
 0.004591   0.889251    186.203140
 0.57744    4.158956    89.335840    0.803701
 0.004591   0.552744    159.419409
 0.71830    4.158956    89.335840    0.803701
 0.004591   0.216461    142.370866
 0.85915    4.158956    89.335840    0.803701
 0.004591   0.170112    138.275543
 1.00000    4.158956    89.335840    0.803701
 0.004591   0.626223    136.724994

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -10.025846   -56.085583   -1.083378
-0.003818   -1.190842   -38.826881
 0.57744   -10.025846   -56.085583   -1.083378
-0.003818   -0.737973   -26.840144
 0.71830   -10.025846   -56.085583   -1.083378
-0.003818   -0.296158   -32.283023
 0.85915   -10.025846   -56.085583   -1.083378
-0.003818   -0.134545   -41.239804
 1.00000   -10.025846   -56.085583   -1.083378
-0.003818   -0.464866   -51.474524
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3287

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    8.469808    81.468980    1.118937
 0.003065   1.240461    160.889933
 0.57744    8.469808    81.468980    1.118937
 0.003065   0.771262    135.812917
 0.71830    8.469808    81.468980    1.118937
 0.003065   0.301832    118.088712
 0.85915    8.469808    81.468980    1.118937
 0.003065   0.212127    111.946464
 1.00000    8.469808    81.468980    1.118937
 0.003065   0.799465    124.198006

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -8.721630   -94.525899   -1.402848
-0.002957   -1.553188   -103.052321
 0.57744   -8.721630   -94.525899   -1.402848
-0.002957   -0.965611   -72.987672
 0.71830   -8.721630   -94.525899   -1.402848
-0.002957   -0.384937   -54.735820
 0.85915   -8.721630   -94.525899   -1.402848
-0.002957   -0.172662   -41.486571
 1.00000   -8.721630   -94.525899   -1.402848
-0.002957   -0.638455   -49.524883

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    8.182089    13.230297    0.763778
 4.21E-06   0.848863    13.535216
 0.57744    8.182089    13.230297    0.763778
 4.21E-06   0.528172    8.340684
 0.71830    8.182089    13.230297    0.763778
 4.21E-06   0.206650    4.795265
 0.85915    8.182089    13.230297    0.763778
 4.21E-06   0.121091    3.765443
 1.00000    8.182089    13.230297    0.763778
 4.21E-06   0.474907    3.094613

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -0.597403   -70.418321   -0.843511
-0.000940   -0.940210   -132.458907
 0.57744   -0.597403   -70.418321   -0.843511
-0.000940   -0.586437   -103.131402
 0.71830   -0.597403   -70.418321   -0.843511
-0.000940   -0.232637   -75.331752
 0.85915   -0.597403   -70.418321   -0.843511
-0.000940   -0.109749   -49.253921
 1.00000   -0.597403   -70.418321   -0.843511
-0.000940   -0.430714   -23.323115

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   14.318453    37.261909    1.066661
 0.005739   1.182583    95.844715
 0.57744   14.318453    37.261909    1.066661
 0.005739   0.735699    83.921241
 0.71830   14.318453    37.261909    1.066661
 0.005739   0.288812    86.340482
 0.85915   14.318453    37.261909    1.066661
 0.005739   0.212543    107.192059
 1.00000   14.318453    37.261909    1.066661
 0.005739   0.749191    129.460394

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -1.696169   -153.338270   -1.281751
-0.007003   -1.403815   -171.955971
 0.57744   -1.696169   -153.338270   -1.281751
-0.007003   -0.669146   -110.969017
 0.71830   -1.696169   -153.338270   -1.281751
-0.007003   -0.350317   -76.013050
 0.85915   -1.696169   -153.338270   -1.281751
-0.007003   -0.178444   -45.559137
 1.00000   -1.696169   -153.338270   -1.281751
-0.007003   -0.616107   -18.305961
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3288

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    12.434148    73.528693    1.126513
 0.004309   1.249254    182.102219
 0.57744    12.434148    73.528693    1.126513
 0.004309   0.777082    154.205509
 0.71830    12.434148    73.528693    1.126513
 0.004309   0.304470    136.965684
 0.85915    12.434148    73.528693    1.126513
 0.004309   0.222579    133.479104
 1.00000    12.434148    73.528693    1.126513
 0.004309   0.816119    131.346023

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -5.676443   -127.666651   -1.416520
-0.005342   -1.562207   -153.997892
 0.57744   -5.676443   -127.666651   -1.416520
-0.005342   -0.970211   -102.984526
 0.71830   -5.676443   -127.666651   -1.416520
-0.005342   -0.385575   -71.389904
 0.85915   -5.676443   -127.666651   -1.416520
-0.005342   -0.179383   -42.592692
 1.00000   -5.676443   -127.666651   -1.416520
-0.005342   -0.645865   -17.361891

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    10.736957    78.974704    1.222842
 0.004067   1.355597    159.101509
 0.57744    10.736957    78.974704    1.222842
 0.004067   0.842956    132.908448
 0.71830    10.736957    78.974704    1.222842
 0.004067   0.330015    117.093508
 0.85915    10.736957    78.974704    1.222842
 0.004067   0.231478    114.521434
 1.00000    10.736957    78.974704    1.222842
 0.004067   0.859397    115.019177

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -8.011199   -111.887676   -1.499651
-0.004379   -1.656714   -136.228547
 0.57744   -8.011199   -111.887676   -1.499651
-0.004379   -1.029239   -96.859665
 0.71830   -8.011199   -111.887676   -1.499651
-0.004379   -0.411792   -74.640049
 0.85915   -8.011199   -111.887676   -1.499651
-0.004379   -0.192364   -56.756866
 1.00000   -8.011199   -111.887676   -1.499651
-0.004379   -0.700205   -42.465043

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   15.464059    92.015467    0.772594
 0.005709   0.859651    204.383486
 0.57744   15.464059    92.015467    0.772594
 0.005709   0.535606    170.871348
 0.71830   15.464059    92.015467    0.772594
 0.005709   0.211516    147.574027
 0.85915   15.464059    92.015467    0.772594
 0.005709   0.148263    139.191245
 1.00000   15.464059    92.015467    0.772594
 0.005709   0.536224    134.327902

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43659   -11.230099   -160.477535   -0.925961
-0.007054   -1.017769   -175.002189
 0.57744   -11.230099   -160.477535   -0.925961
-0.007054   -0.629619   -115.588819
 0.71830   -11.230099   -160.477535   -0.925961
-0.007054   -0.253075   -76.199867
 0.85915   -11.230099   -160.477535   -0.925961
-0.007054   -0.120469   -56.997516
 1.00000   -11.230099   -160.477535   -0.925961
-0.007054   -0.436474   -69.070648
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3289

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43659    14.318453    90.494186    1.222842
 0.005739   1.355597    207.937700
 0.57744    14.318453    90.494186    1.222842
 0.005739   0.842956    177.121631
 0.71830    14.318453    90.494186    1.222842
 0.005739   0.330015    155.626674
 0.85915    14.318453    90.494186    1.222842
 0.005739   0.231478    146.627478
 1.00000    14.318453    90.494186    1.222842
 0.005739   0.859397    141.152236

COMB      DL ------------------- MIN
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REL DIST          P          V2          V3
     T          M2          M3
0.43659   -10.930256  -153.338270   -1.499651
-0.007003   -1.656714  -171.955971
0.57744   -10.930256  -153.338270   -1.499651
-0.007003   -1.029239  -110.969017
0.71830   -10.930256  -153.338270   -1.499651
-0.007003   -0.411792   -76.013050
0.85915   -10.930256  -153.338270   -1.499651
-0.007003   -0.192364   -64.253092
1.00000   -10.930256  -153.338270   -1.499651
-0.007003   -0.700205   -79.101093

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43659    15.464059   92.015467    1.222842
 0.005739    1.355597  207.937700
0.57744    15.464059   92.015467    1.222842
 0.005739    0.842956  177.121631
0.71830    15.464059   92.015467    1.222842
 0.005739    0.330015  155.626674
0.85915    15.464059   92.015467    1.222842
 0.005739    0.231478  146.627478
1.00000    15.464059   92.015467    1.222842
 0.005739    0.859397  141.152236

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43659   -11.230099  -160.477535   -1.499651
-0.007054   -1.656714  -175.002189
0.57744   -11.230099  -160.477535   -1.499651
-0.007054   -1.029239  -115.588819
0.71830   -11.230099  -160.477535   -1.499651
-0.007054   -0.411792   -76.199867
0.85915   -11.230099  -160.477535   -1.499651
-0.007054   -0.192364   -64.253092
1.00000   -11.230099  -160.477535   -1.499651
-0.007054   -0.700205   -79.101093

COMB    DESIGN ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43659    15.464059   92.015467    1.222842
 0.005739    1.355597  207.937700
0.57744    15.464059   92.015467    1.222842
 0.005739    0.842956  177.121631
0.71830    15.464059   92.015467    1.222842
 0.005739    0.330015  155.626674
0.85915    15.464059   92.015467    1.222842
 0.005739    0.231478  146.627478
1.00000    15.464059   92.015467    1.222842
 0.005739    0.859397  141.152236

COMB    DESIGN ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43659   -11.230099  -160.477535   -1.499651
-0.007054   -1.656714  -175.002189
0.57744   -11.230099  -160.477535   -1.499651
-0.007054   -1.029239  -115.588819
0.71830   -11.230099  -160.477535   -1.499651
-0.007054   -0.411792   -76.199867
0.85915   -11.230099  -160.477535   -1.499651
-0.007054   -0.192364   -64.253092
1.00000   -11.230099  -160.477535   -1.499651
-0.007054   -0.700205   -79.101093
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3290

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM       309 ================== LENGTH =     2.976604

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.443285   15.600293    0.328515
 0.000507    0.183222    9.374973
0.14082    0.443285   15.600293    0.328515
 0.000507    0.045409   12.753488
0.28163    0.443285   15.600293    0.328515
 0.000507    0.079339   16.190467
0.42245    0.443285   15.600293    0.328515
 0.000507    0.197602   19.658030
0.56326    0.443285   15.600293    0.328515
 0.000507    0.315871   23.140007

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -3.943737   -8.323224   -0.282166
-6.80E-06   -0.157218   -48.148068
0.14082   -3.943737   -8.323224   -0.282166
-6.80E-06   -0.038945   -54.451717
0.28163   -3.943737   -8.323224   -0.282166
-6.80E-06   -0.092161   -60.817123
0.42245   -3.943737   -8.323224   -0.282166
-6.80E-06   -0.229867   -67.191218
0.56326   -3.943737   -8.323224   -0.282166
-6.80E-06   -0.367565   -73.593934

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.846501   41.166512    0.529381
 0.001122    0.295679   16.533095
0.14082    0.846501   41.166512    0.529381
 0.001122    0.074180   19.818952
0.28163    0.846501   41.166512    0.529381
 0.001122    0.136157   23.517247
0.42245    0.846501   41.166512    0.529381
 0.001122    0.332680   27.997215
0.56326    0.846501   41.166512    0.529381
 0.001122    0.537626   32.979148

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.014114   -12.253695   -0.479758
-0.000185   -0.266894   -69.098154
0.14082   -8.014114   -12.253695   -0.479758
-0.000185   -0.066315   -83.658657
0.28163   -8.014114   -12.253695   -0.479758
-0.000185   -0.148035   -98.433212
0.42245   -8.014114   -12.253695   -0.479758
-0.000185   -0.369952  -113.619014
0.56326   -8.014114   -12.253695   -0.479758
-0.000185   -0.591863  -129.854573

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.030332   90.913666    0.539364
 0.001257    0.301920   60.682385
0.14082    1.030332   90.913666    0.539364
 0.001257    0.075730   45.277703
0.28163    1.030332   90.913666    0.539364
 0.001257    0.187303   44.041310
0.42245    1.030332   90.913666    0.539364
 0.001257    0.462024   46.219575
0.56326    1.030332   90.913666    0.539364
 0.001257    0.736786   49.390904

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -11.089740  -11.174133   -0.655831
-0.000213   -0.362976   -61.381340
0.14082   -11.089740  -11.174133   -0.655831
-0.000213   -0.088705   -71.016044
0.28163   -11.089740  -11.174133   -0.655831
-0.000213   -0.150206   -85.032160
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3291

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.42245   -11.089740  -11.174133   -0.655831
-0.000213   -0.376324  -121.236858
0.56326   -11.089740  -11.174133   -0.655831
-0.000213   -0.602387  -159.005249

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.277699  115.790443    0.670544
 0.004494    0.375183  129.886097
0.14082    5.277699  115.790443    0.670544
 0.004494    0.103315  119.012776
0.28163    5.277699  115.790443    0.670544
 0.004494    0.222336  119.617492
0.42245    5.277699  115.790443    0.670544
 0.004494    0.540973  131.882115
0.56326    5.277699  115.790443    0.670544
 0.004494    0.871337  152.536170

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -11.358642  -55.769045   -0.789415
-0.003916   -0.452759   -54.183849
0.14082   -11.358642  -55.769045   -0.789415
-0.003916   -0.122984   -63.779858
0.28163   -11.358642  -55.769045   -0.789415
-0.003916   -0.186881   -77.350490
0.42245   -11.358642  -55.769045   -0.789415
-0.003916   -0.468003  -108.799436
0.56326   -11.358642  -55.769045   -0.789415
-0.003916   -0.749057  -149.297562

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.533352   38.049568    0.184383
 0.000511    0.103534   13.663662
0.14082    0.533352   38.049568    0.184383
 0.000511    0.026215   10.148430
0.28163    0.533352   38.049568    0.184383
 0.000511    0.068461    9.650643
0.42245    0.533352   38.049568    0.184383
 0.000511    0.167192    9.912242
0.56326    0.533352   38.049568    0.184383
 0.000511    0.265995   10.393426

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.930375   -3.150124   -0.235810
-8.74E-06   -0.129616   -12.247537
0.14082   -4.930375   -3.150124   -0.235810
-8.74E-06   -0.031317   -15.961790
0.28163   -4.930375   -3.150124   -0.235810
-8.74E-06   -0.050889   -30.577309
0.42245   -4.930375   -3.150124   -0.235810
-8.74E-06   -0.128259   -45.736534
0.56326   -4.930375   -3.150124   -0.235810
-8.74E-06   -0.205575   -61.419461

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.424280  132.214421    0.286417
 0.005511    0.160961  134.579661
0.14082    1.424280  132.214421    0.286417
 0.005511    0.053595   92.914967
0.28163    1.424280  132.214421    0.286417
 0.005511    0.146816   66.429351
0.42245    1.424280  132.214421    0.286417
 0.005511    0.347250   55.673690
0.56326    1.424280  132.214421    0.286417
 0.005511    0.563781   56.232783

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -10.110082  -10.089222   -0.518278
-0.005016   -0.305923   -12.373258
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3292

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.14082   -10.110082  -10.089222   -0.518278
-0.005016   -0.090185   -15.810749
0.28163   -10.110082  -10.089222   -0.518278
-0.005016   -0.079077   -24.601578
0.42245   -10.110082  -10.089222   -0.518278
-0.005016   -0.199199   -56.895701
0.56326   -10.110082  -10.089222   -0.518278
-0.005016   -0.319247  -101.499417

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.656847  132.975547    0.506678
 0.005377    0.283776  127.144585
0.14082    1.656847  132.975547    0.506678
 0.005377    0.082768   92.085906
0.28163    1.656847  132.975547    0.506678
 0.005377    0.191998   70.671454
0.42245    1.656847  132.975547    0.506678
 0.005377    0.462064   63.420895
0.56326    1.656847  132.975547    0.506678
 0.005377    0.746671   66.392801

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -12.368406  -14.969207   -0.680521
-0.004533   -0.394970   -46.385058
0.14082   -12.368406  -14.969207   -0.680521
-0.004533   -0.110974   -55.008842
0.28163   -12.368406  -14.969207   -0.680521
-0.004533   -0.140900   -68.864757
0.42245   -12.368406  -14.969207   -0.680521
-0.004533   -0.353346  -103.712527
0.56326   -12.368406  -14.969207   -0.680521
-0.004533   -0.565744  -149.629897

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    7.600824  108.649118    0.707450
 0.003728    0.396069  114.060384
0.14082    7.600824  108.649118    0.707450
 0.003728    0.106935  113.235559
0.28163    7.600824  108.649118    0.707450
 0.003728    0.232691  124.317599
0.42245    7.600824  108.649118    0.707450
 0.003728    0.569311  145.448527
0.56326    7.600824  108.649118    0.707450
 0.003728    0.915480  173.466361

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -10.320214  -72.699312   -0.826932
-0.003540   -0.471430   -43.253466
0.14082   -10.320214  -72.699312   -0.826932
-0.003540   -0.125693   -52.488155
0.28163   -10.320214  -72.699312   -0.826932
-0.003540   -0.196931   -65.876323
0.42245   -10.320214  -72.699312   -0.826932
-0.003540   -0.493520   -97.305628
0.56326   -10.320214  -72.699312   -0.826932
-0.003540   -0.790045  -136.320107

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.170101  10.389503    0.489751
 0.000139    0.274089   2.612912
0.14082    9.170101  10.389503    0.489751
 0.000139    0.068776  20.969111
0.28163    9.170101  10.389503    0.489751
 0.000139    0.130250  51.686402
0.42245    9.170101  10.389503    0.489751
 0.000139    0.326384  82.622592
0.56326    9.170101  10.389503    0.489751
 0.000139    0.522540  113.643353
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3293

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.659131  -74.152197   -0.467987
-0.001001   -0.262092   -11.734821
0.14082   -0.659131  -74.152197   -0.467987
-0.001001   -0.166682  -123.036788
0.28163   -0.659131  -74.152197   -0.467987
-0.001001   -0.136451   -15.556364
0.42245   -0.659131  -74.152197   -0.467987
-0.001001   -0.341749   -19.300829
0.56326   -0.659131  -74.152197   -0.467987
-0.001001   -0.547028   -23.486823

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   11.715568  92.622475    0.674880
 0.005900    0.377495  119.617911
0.14082   11.715568  92.622475    0.674880
 0.005900    0.110095  122.155670
0.28163   11.715568  92.622475    0.674880
 0.005900    0.204165  131.060275
0.42245   11.715568  92.622475    0.674880
 0.005900    0.493770  156.645368
0.56326   11.715568  92.622475    0.674880
 0.005900    0.802942  195.341097

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.954922  -99.763554   -0.739299
-0.006982   -0.437252   -10.832644
0.14082   -4.954492  -99.763554   -0.739299
-0.006982   -0.128357   -15.690519
0.28163   -4.954492  -99.763554   -0.739299
-0.006982   -0.188209   -20.634275
0.42245   -4.954492  -99.763554   -0.739299
-0.006982   -0.247130   -25.722091
0.56326   -4.954492  -99.763554   -0.739299
-0.006982   -0.754006   -53.212973

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   10.746971  117.108554    0.684678
 0.004514    0.383749  115.686351
0.14082   10.746971  117.108554    0.684678
 0.004514    0.107345  113.304857
0.28163   10.746971  117.108554    0.684678
 0.004514    0.243413  125.053955
0.42245   10.746971  117.108554    0.684678
 0.004514    0.593517  150.139731
0.56326   10.746971  117.108554    0.684678
 0.004514    0.957065  184.747810

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.275774  -90.068417   -0.868738
-0.005154   -0.500076   -12.017559
0.14082   -8.275774  -90.068417   -0.868738
-0.005154   -0.136916   -15.856102
0.28163   -8.275774  -90.068417   -0.868738
-0.005154   -0.190168   -25.237379
0.42245   -8.275774  -90.068417   -0.868738
-0.005154   -0.477197   -55.497939
0.56326   -8.275774  -90.068417   -0.868738
-0.005154   -0.764203   -95.689051

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    9.309487  112.417452    0.762598
 0.004093    0.427106   99.949808
0.14082    9.309487  112.417452    0.762598
 0.004093    0.116163   85.856499
0.28163    9.309487  112.417452    0.762598
 0.004093    0.250620  111.301377
0.42245    9.309487  112.417452    0.762598
 0.004093    0.613140  133.987080
0.56326    9.309487  112.417452    0.762598
 0.004093    0.986779  164.558292
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3294

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.894922  -79.239758   -0.892602
-0.004270   -0.510288   -35.528427
0.14082   -9.894922  -79.239758   -0.892602
-0.004270   -0.137178   -44.541233
0.28163   -9.894922  -79.239758   -0.892602
-0.004270   -0.212119   -57.685142
0.42245   -9.894922  -79.239758   -0.892602
-0.004270   -0.531828   -88.579698
0.56326   -9.894922  -79.239758   -0.892602
-0.004270   -0.851491  -128.132592

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.544997  18.937760    0.431571
 0.000475    0.241276  14.707608
0.14082    0.544997  18.937760    0.431571
 0.000475    0.060189  19.432433
0.28163    0.544997  18.937760    0.431571
 0.000475    0.146099  24.200815
0.42245    0.544997  18.937760    0.431571
 0.000475    0.362358  28.989694
0.56326    0.544997  18.937760    0.431571
 0.000475    0.579206  33.790108

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -3.981616  -11.472459   -0.516344
-3.97E-06   -0.284259   -56.883426
0.14082   -3.981616  -11.472459   -0.516344
-3.97E-06   -0.068945   -64.610969
0.28163   -3.981616  -11.472459   -0.516344
-3.97E-06   -0.119935   -72.401224
0.42245   -3.981616  -11.472459   -0.516344
-3.97E-06   -0.300892   -80.235714
0.56326   -3.981616  -11.472459   -0.516344
-3.97E-06   -0.481843   -88.097164

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.008642  45.410217    0.722494
 0.000980    0.403449   22.218585
0.14082    1.008642  45.410217    0.722494
 0.000980    0.100390   27.641304
0.28163    1.008642  45.410217    0.722494
 0.000980    0.241911   33.618734
0.42245    1.008642  45.410217    0.722494
 0.000980    0.601434   40.009469
0.56326    1.008642  45.410217    0.722494
 0.000980    0.962058   46.707872

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -8.249918  -16.500170   -0.859895
-0.000112   -0.476561   -79.131290
0.14082   -8.249918  -16.500170   -0.859895
-0.000112   -0.117725   -95.461304
0.28163   -8.249918  -16.500170   -0.859895
-0.000112   -0.201873  -112.285570
0.42245   -8.249918  -16.500170   -0.859895
-0.000112   -0.504747  -130.094444
0.56326   -8.249918  -16.500170   -0.859895
-0.000112   -0.807672  -148.572059

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.244035  89.532661    0.801757
 0.001123    0.446539   78.336677
0.14082    1.244035  89.532661    0.801757
 0.001123    0.109710   64.316343
0.28163    1.244035  89.532661    0.801757
 0.001123    0.298425   57.171710
0.42245    1.244035  89.532661    0.801757
 0.001123    0.741895   58.278014
0.56326    1.244035  89.532661    0.801757
 0.001123    1.186089   62.119052
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3295

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -10.834031  -15.756765   -1.059419
-0.000209   -0.587169   -70.186642
0.14082   -10.834031  -15.756765   -1.059419
-0.000209   -0.144594   -82.343363
0.28163   -10.834031  -15.756765   -1.059419
-0.000209   -0.222414   -98.473521
0.42245   -10.834031  -15.756765   -1.059419
-0.000209   -0.558625  -131.057641
0.56326   -10.834031  -15.756765   -1.059419
-0.000209   -0.894763  -166.177205

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    5.153471  107.914057    1.011333
 0.003597    0.571273   140.876094
0.14082    5.153471  107.914057    1.011333
 0.003597    0.151137   134.435191
0.28163    5.153471  107.914057    1.011333
 0.003597    0.365801   133.709077
0.42245    5.153471  107.914057    1.011333
 0.003597    0.904760   146.194432
0.56326    5.153471  107.914057    1.011333
 0.003597    1.451061   166.136188

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -10.799608  -57.497277   -1.306873
-0.003084   -0.738657   -62.590638
0.14082   -10.799608  -57.497277   -1.306873
-0.003084   -0.192851   -74.763594
0.28163   -10.799608  -57.497277   -1.306873
-0.003084   -0.279777   -90.453304
0.42245   -10.799608  -57.497277   -1.306873
-0.003084   -0.703311  -118.558049
0.56326   -10.799608  -57.497277   -1.306873
-0.003084   -1.127044  -159.178598

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.628568  35.792747    0.284364
 0.000441    0.158176   15.707605
0.14082    0.628568  35.792747    0.284364
 0.000441    0.039562   10.313972
0.28163    0.628568  35.792747    0.284364
 0.000441    0.102067   10.024853
0.42245    0.628568  35.792747    0.284364
 0.000441    0.255306   10.649380
0.56326    0.628568  35.792747    0.284364
 0.000441    0.408391   11.591655

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -4.984215   -3.775137   -0.365802
-4.88E-06   -0.204578   -11.711911
0.14082   -4.984215   -3.775137   -0.365802
-4.88E-06   -0.051450   -17.363409
0.28163   -4.984215   -3.775137   -0.365802
-4.88E-06   -0.080021   -30.029455
0.42245   -4.984215   -3.775137   -0.365802
-4.88E-06   -0.199096   -44.079412
0.56326   -4.984215   -3.775137   -0.365802
-4.88E-06   -0.318418   -58.530594

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.616546  118.763263    0.491977
 0.004720    0.285092   141.166189
0.14082    1.616546  118.763263    0.491977
 0.004720    0.085309   103.055512
0.28163    1.616546  118.763263    0.491977
 0.004720    0.204967   72.606127
0.42245    1.616546  118.763263    0.491977
 0.004720    0.501645   60.891818
0.56326    1.616546  118.763263    0.491977
 0.004720    0.808508   59.914863
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3296

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -9.509953  -11.071279   -0.738736
-0.004334   -0.431349   -12.234491
0.14082   -9.509953  -11.071279   -0.738736
-0.004334   -0.122825   -16.244800
0.28163   -9.509953  -11.071279   -0.738736
-0.004334   -0.135612   -25.912576
0.42245   -9.509953  -11.071279   -0.738736
-0.004334   -0.340954   -52.511396
0.56326   -9.509953  -11.071279   -0.738736
-0.004334   -0.546400   -94.467042
```

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.805790	124.143258	0.777354
0.004639	0.443276	136.750323	
0.14082	1.805790	124.143258	0.777354
0.004639	0.123354	105.644247	
0.28163	1.805790	124.143258	0.777354
0.004639	0.294715	81.527183	
0.42245	1.805790	124.143258	0.777354
0.004639	0.725619	74.363169	
0.56326	1.805790	124.143258	0.777354
0.004639	1.166787	76.881763	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.963525	-18.007166	-1.057257
-0.003922	-0.605298	-51.483258	
0.14082	-11.963525	-18.007166	-1.057257
-0.003922	-0.163902	-61.938433	
0.28163	-11.963525	-18.007166	-1.057257
-0.003922	-0.216069	-77.853224	
0.42245	-11.963525	-18.007166	-1.057257
-0.003922	-0.540947	-108.833618	
0.56326	-11.963525	-18.007166	-1.057257
-0.003922	-0.866069	-153.695680	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.111923	102.305567	1.088137
0.003025	0.612768	124.184025	
0.14082	7.111923	102.305567	1.088137
0.003025	0.384836	126.002641	
0.28163	7.111923	102.305567	1.088137
0.003025	0.384836	133.782827	
0.42245	7.111923	102.305567	1.088137
0.003025	0.954642	153.830671	
0.56326	7.111923	102.305567	1.088137
0.003025	1.530854	180.370089	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.871339	-72.202160	-1.377383
-0.002878	-0.777661	-49.519261	
0.14082	-9.871339	-72.202160	-1.377383
-0.002878	-0.201608	-61.023885	
0.28163	-9.871339	-72.202160	-1.377383
-0.002878	-0.301613	-76.961204	
0.42245	-9.871339	-72.202160	-1.377383
-0.002878	-0.757745	-105.929161	
0.56326	-9.871339	-72.202160	-1.377383
-0.002878	-1.213503	-143.871724	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.243633	13.333626	0.747175
0.000125	0.416675	3.092944	
0.14082	8.243633	13.333626	0.747175
0.000125	0.102692	19.896491	
0.28163	8.243633	13.333626	0.747175
0.000125	0.234658	48.665942	
0.42245	8.243633	13.333626	0.747175
0.000125	0.567636	77.853206	
0.56326	8.243633	13.333626	0.747175
0.000125	0.940498	107.305995	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3297
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.600269	-70.969249	-0.841903
-0.000904	-0.470870	-23.343557	
0.14082	-0.600269	-70.969249	-0.841903
-0.000904	-0.118009	-18.975259	
0.28163	-0.600269	-70.969249	-0.841903
-0.000904	-0.206550	-23.395690	
0.42245	-0.600269	-70.969249	-0.841903
-0.000904	-0.520868	-28.363406	
0.56326	-0.600269	-70.969249	-0.841903
-0.000904	-0.834386	-33.725087	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.686586	93.199946	1.048835
0.005860	0.601242	129.498230	
0.14082	10.686586	93.199946	1.048835
0.005860	0.170665	130.326412	
0.28163	10.686586	93.199946	1.048835
0.005860	0.352639	136.758910	
0.42245	10.686586	93.199946	1.048835
0.005860	0.868405	158.570350	
0.56326	10.686586	93.199946	1.048835
0.005860	1.398830	192.952621	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.845143	-94.666849	-1.273844
-0.006858	-0.738995	-18.297987	
0.14082	-4.845143	-94.666849	-1.273844
-0.006858	-0.205890	-22.720445	
0.28163	-4.845143	-94.666849	-1.273844
-0.006858	-0.288773	-29.320337	
0.42245	-4.845143	-94.666849	-1.273844
-0.006858	-0.628284	-38.998190	
0.56326	-4.845143	-94.666849	-1.273844
-0.006858	-1.167332	-69.173945	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.837306	113.439370	1.103148
0.004602	0.626699	131.356548	
0.14082	9.837306	113.439370	1.103148
0.004602	0.170343	125.047473	
0.28163	9.837306	113.439370	1.103148
0.004602	0.391302	127.594246	
0.42245	9.837306	113.439370	1.103148
0.004602	0.968122	147.968644	
0.56326	9.837306	113.439370	1.103148
0.004602	1.555563	178.671161	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.905572	-85.459448	-1.407582
-0.005242	-0.805989	-17.352662	
0.14082	-7.905572	-85.459448	-1.407582
-0.005242	-0.216679	-21.413205	
0.28163	-7.905572	-85.459448	-1.407582
-0.005242	-0.304285	-33.050870	
0.42245	-7.905572	-85.459448	-1.407582
-0.005242	-0.766681	-58.189162	
0.56326	-7.905572	-85.459448	-1.407582
-0.005242	-1.228610	-98.355131	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.584430	111.888164	1.187878
0.004148	0.671735	115.039545	
0.14082	8.584430	111.888164	1.187878
0.004148	0.178677	112.260122	
0.28163	8.584430	111.888164	1.187878
0.004148	0.412829	116.735285	
0.42245	8.584430	111.888164	1.187878
0.004148	1.023299	136.016964	
0.56326	8.584430	111.888164	1.187878
0.004148	1.643094	163.906844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3298
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.846008	-76.785810	-1.483309
-0.004353	-0.844080	-42.471009	
0.14082	-9.846008	-76.785810	-1.483309
-0.004353	-0.223442	-52.645604	
0.28163	-9.846008	-76.785810	-1.483309
-0.004353	-0.329372	-68.933276	
0.42245	-9.846008	-76.785810	-1.483309
-0.004353	-0.827196	-96.835155	
0.56326	-9.846008	-76.785810	-1.483309
-0.004353	-1.324739	-137.387560	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.715568	132.975547	0.762598
0.005900	0.427106	134.579661	
0.14082	11.715568	132.975547	0.762598
0.005900	0.116163	122.155670	
0.28163	11.715568	132.975547	0.762598
0.005900	0.250620	131.060275	
0.42245	11.715568	132.975547	0.762598
0.005900	0.613140	156.645368	
0.56326	11.715568	132.975547	0.762598
0.005900	0.986779	195.341097	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.368406	-99.763554	-0.892602
-0.006982	-0.510288	-69.098154	
0.14082	-12.368406	-99.763554	-0.892602
-0.006982	-0.137178	-83.658657	
0.28163	-12.368406	-99.763554	-0.892602
-0.006982	-0.212119	-98.433212	
0.42245	-12.368406	-99.763554	-0.892602
-0.006982	-0.531828	-121.236858	
0.56326	-12.368406	-99.763554	-0.892602
-0.006982	-0.851491	-159.005249	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.686586	124.143258	1.187878
0.005860	0.671735	141.166189	
0.14082	10.686586	124.143258	1.187878
0.005860	0.178677	134.435191	
0.28163	10.686586	124.143258	1.187878
0.005860	0.412829	136.758910	
0.42245	10.686586	124.143258	1.187878
0.005860	1.023299	158.570350	
0.56326	10.686586	124.143258	1.187878
0.005860	1.643094	192.952621	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.963525	-94.666849	-1.483309
-0.006858	-0.844080	-79.131290	
0.14082	-11.963525	-94.666849	-1.483309
-0.006858	-0.223442	-95.461304	
0.28163	-11.963525	-94.666849	-1.483309
-0.006858	-0.329372	-112.285570	
0.42245	-11.963525	-94.666849	-1.483309
-0.006858	-0.827196	-131.057641	
0.56326	-11.963525	-94.666849	-1.483309
-0.006858	-1.324739	-166.177205	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.715568	132.975547	1.187878
0.005900	0.671735	141.166189	
0.14082	11.715568	132.975547	1.187878
0.005900	0.178677	134.435191	
0.28163	11.715568	132.975547	1.187878
0.005900	0.412829	136.758910	
0.42245	11.715568	132.975547	1.187878
0.005900	1.023299	158.570350	
0.56326	11.715568	132.975547	1.187878
0.005900	1.643094	195.341097	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3299
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.368406	-99.763554	-1.483309
-0.006982	-0.844080	-79.131290	
0.14082	-12.368406	-99.763554	-1.483309
-0.006982	-0.223442	-95.461304	
0.28163	-12.368406	-99.763554	-1.483309
-0.006982	-0.329372	-112.285570	
0.42245	-12.368406	-99.763554	-1.483309
-0.006982	-0.827196	-131.057641	
0.56326	-12.368406	-99.763554	-1.483309
-0.006982	-1.324739	-166.177205	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.715568	132.975547	1.187878
0.005900	0.671735	141.166189	
0.14082	11.715568	132.975547	1.187878
0.005900	0.178677	134.435191	
0.28163	11.715568	132.975547	1.187878
0.005900	0.412829	136.758910	
0.42245	11.715568	132.975547	1.187878
0.005900	1.023299	158.570350	
0.56326	11.715568	132.975547	1.187878
0.005900	1.643094	195.341097	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.368406	-99.763554	-1.483309
-0.006982	-0.844080	-79.131290	
0.14082	-12.368406	-99.763554	-1.483309
-0.006982	-0.223442	-95.461304	
0.28163	-12.368406	-99.763554	-1.483309
-0.006982	-0.329372	-112.285570	
0.42245	-12.368406	-99.763554	-1.483309
-0.006982	-0.827196	-131.057641	
0.56326	-12.368406	-99.763554	-1.483309
-0.006982	-1.324739	-166.177205	

ELEM 310 ========== LENGTH = 2.976746

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.048822	18.290146	0.351333
0.000498	0.389755	1.860784	
0.57754	0.048822	18.290146	0.351333
0.000498	0.242481	2.262461	
0.71836	0.048822	18.290146	0.351333
0.000498	0.095196	3.255171	
0.85918	0.048822	18.290146	0.351333
0.000498	0.046505	4.893473	
1.00000	0.048822	18.290146	0.351333
0.000498	0.177064	6.669477	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-4.802501	-4.768730	-0.311264
-0.000141	-0.344848	-23.522373	
0.57754	-4.802501	-4.768730	-0.311264
-0.000141	-0.214371	-30.776703	
0.71836	-4.802501	-4.768730	-0.311264
-0.000141	-0.083917	-38.055663	
0.85918	-4.802501	-4.768730	-0.311264
-0.000141	-0.051972	-45.353736	
1.00000	-4.802501	-4.768730	-0.311264
-0.000141	-0.199342	-52.754689	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.607956	43.998290	0.564223
0.001144	0.626286	30.578243	
0.57754	0.607956	43.998290	0.564223
0.001144	0.389774	22.358250	
0.71836	0.607956	43.998290	0.564223
0.001144	0.153238	15.967175	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3300
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-8.735658	-8.640674	-0.505645
-0.000637	-0.559996	-27.113601	
0.57754	-8.735658	-8.640674	-0.505645
-0.000637	-0.348040	-36.046071	
0.71836	-8.735658	-8.640674	-0.505645
-0.000637	-0.136759	-46.699945	
0.85918	-8.735658	-8.640674	-0.505645
-0.000637	-0.083710	-59.683890	
1.00000	-8.735658	-8.640674	-0.505645
-0.000637	-0.319780	-73.757929	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.690374	95.746419	0.574219
0.000857	0.637890	175.158543	
0.57754	0.690374	95.746419	0.574219
0.000857	0.397203	144.317921	
0.71836	0.690374	95.746419	0.574219
0.000857	0.156451	114.647274	
0.85918	0.690374	95.746419	0.574219
0.000857	0.084739	86.147631	
1.00000	0.690374	95.746419	0.574219
0.000857	0.334092	61.155273	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-11.826725	-6.228101	-0.588055
-0.000431	-0.651945	-23.881121	
0.57754	-11.826725	-6.228101	-0.588055
-0.000431	-0.405490	-32.721018	
0.71836	-11.826725	-6.228101	-0.588055
-0.000431	-0.159035	-42.351461	
0.85918	-11.826725	-6.228101	-0.588055
-0.000431	-0.084085	-53.539312	
1.00000	-11.826725	-6.228101	-0.588055
-0.000431	-0.324930	-65.280639	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	7.324027	83.710686	0.691047
0.004359	0.767973	161.466697	
0.57754	7.324027	83.710686	0.691047
0.004359	0.478290	137.416040	
0.71836	7.324027	83.710686	0.691047
0.004359	0.188561	121.972349	
0.85918	7.324027	83.710686	0.691047
0.004359	0.118917	120.031685	
1.00000	7.324027	83.710686	0.691047
0.004359	0.414636	132.430723	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-10.086836	-89.797549	-0.705762
-0.004173	-0.769400	-81.056072	
0.57754	-10.086836	-89.797549	-0.705762
-0.004173	-0.473665	-57.829128	
0.71836	-10.086836	-89.797549	-0.705762
-0.004173	-0.190752	-47.334384	
0.85918	-10.086836	-89.797549	-0.705762
-0.004173	-0.112120	-46.035532	
1.00000	-10.086836	-89.797549	-0.705762
-0.004173	-0.391049	-56.609946	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.609361	39.799199	0.194660
0.000470	0.216537	70.696283	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3301
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57754	0.609361	39.799199	0.194660
0.000470	0.134938	54.367961	
0.71836	0.609361	39.799199	0.194660
0.000470	0.053302	38.569735	
0.85918	0.609361	39.799199	0.194660
0.000470	0.026972	23.985407	
1.00000	0.609361	39.799199	0.194660
0.000470	0.103499	13.799720	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-4.796630	-1.549379	-0.182401
-0.000346	-0.202342	-3.243861	
0.57754	-4.796630	-1.549379	-0.182401
-0.000346	-0.125882	-3.343511	
0.71836	-4.796630	-1.549379	-0.182401
-0.000346	-0.049481	-4.394973	
0.85918	-4.796630	-1.549379	-0.182401
-0.000346	-0.028194	-7.491496	
1.00000	-4.796630	-1.549379	-0.182401
-0.000346	-0.109843	-11.326885	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	4.644345	87.000081	0.291780
0.005080	0.324890	210.487120	
0.57754	4.644345	87.000081	0.291780
0.005080	0.202572	177.092877	
0.71836	4.644345	87.000081	0.291780
0.005080	0.080199	153.476430	
0.85918	4.644345	87.000081	0.291780
0.005080	0.074589	144.806022	
1.00000	4.644345	87.000081	0.291780
0.005080	0.229412	139.360189	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-7.521268	-59.873323	-0.370118
-0.005062	-0.392061	-21.352470	
0.57754	-7.521268	-59.873323	-0.370118
-0.005062	-0.237061	-3.985395	
0.71836	-7.521268	-59.873323	-0.370118
-0.005062	-0.099631	-4.050920	
0.85918	-7.521268	-59.873323	-0.370118
-0.005062	-0.057290	-7.345613	
1.00000	-7.521268	-59.873323	-0.370118
-0.005062	-0.164775	-11.353720	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	4.391357	94.282938	0.528524
0.004984	0.587477	188.081098	
0.57754	4.391357	94.282938	0.528524
0.004984	0.365923	159.141796	
0.71836	4.391357	94.282938	0.528524
0.004984	0.144297	139.472381	
0.85918	4.391357	94.282938	0.528524
0.004984	0.102331	133.445284	
1.00000	4.391357	94.282938	0.528524
0.004984	0.340596	129.774504	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-10.460804	-57.303280	-0.568965
-0.004730	-0.614210	-30.061954	
0.57754	-10.460804	-57.303280	-0.568965
-0.004730	-0.375841	-21.491122	
0.71836	-10.460804	-57.303280	-0.568965
-0.004730	-0.153349	-28.504335	
0.85918	-10.460804	-57.303280	-0.568965
-0.004730	-0.090858	-38.092790	
1.00000	-10.460804	-57.303280	-0.568965
-0.004730	-0.299098	-48.203128	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3302
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	9.460957	81.370303	0.721236
0.003701	0.801824	158.768795	
0.57754	9.460957	81.370303	0.721236
0.003701	0.499486	133.711631	
0.71836	9.460957	81.370303	0.721236
0.003701	0.197078	115.339624	
0.85918	9.460957	81.370303	0.721236
0.003701	0.120796	107.793449	
1.00000	9.460957	81.370303	0.721236
0.003701	0.430933	117.600885	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-8.975262	-101.514597	-0.740058
-0.003692	-0.810479	-106.785703	
0.57754	-8.975262	-101.514597	-0.740058
-0.003692	-0.500355	-76.061190	
0.71836	-8.975262	-101.514597	-0.740058
-0.003692	-0.200652	-55.676249	
0.85918	-8.975262	-101.514597	-0.740058
-0.003692	-0.114067	-37.198626	
1.00000	-8.975262	-101.514597	-0.740058
-0.003692	-0.407759	-43.520225	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	9.409734	5.964611	0.483240
0.000363	0.537387	6.856875	
0.57754	9.409734	5.964611	0.483240
0.000363	0.334820	4.919789	
0.71836	9.409734	5.964611	0.483240
0.000363	0.132243	4.200443	
0.85918	9.409734	5.964611	0.483240
0.000363	0.068075	3.507993	
1.00000	9.409734	5.964611	0.483240
0.000363	0.264269	2.831078	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.324818	-77.336441	-0.467851
-0.000696	-0.520199	-140.179576	
0.57754	-0.324818	-77.336441	-0.467851
-0.000696	-0.324083	-107.804080	
0.71836	-0.324818	-77.336441	-0.467851
-0.000696	-0.127987	-75.453246	
0.85918	-0.324818	-77.336441	-0.467851
-0.000696	-0.070252	-43.114937	
1.00000	-0.324818	-77.336441	-0.467851
-0.000696	-0.272882	-10.785094	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	15.668243	30.115761	0.653550
0.006190	0.726943	84.227581	
0.57754	15.668243	30.115761	0.653550
0.006190	0.452985	75.968826	
0.71836	15.668243	30.115761	0.653550
0.006190	0.178990	79.493501	
0.85918	15.668243	30.115761	0.653550
0.006190	0.122331	100.843289	
1.00000	15.668243	30.115761	0.653550
0.006190	0.403212	122.618651	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-1.595167	-165.242885	-0.671362
-0.006624	-0.723567	-179.726785	
0.57754	-1.595167	-165.242885	-0.671362
-0.006624	-0.442262	-118.891504	
0.71836	-1.595167	-165.242885	-0.671362
-0.006624	-0.182294	-78.252488	
0.85918	-1.595167	-165.242885	-0.671362
-0.006624	-0.113455	-39.488791	
1.00000	-1.595167	-165.242885	-0.671362
-0.006624	-0.369370	-7.965454	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3303
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	13.626888	74.347547	0.679131
0.004497	0.755652	182.299120	
0.57754	13.626888	74.347547	0.679131
0.004497	0.470966	154.319418	
0.71836	13.626888	74.347547	0.679131
0.004497	0.186232	134.460323	
0.85918	13.626888	74.347547	0.679131

```
 0.004497    0.124359  127.135503
 1.00000   13.626888   74.347547    0.679131
 0.004497    0.432507  121.375929

COMB DB-G3-3 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -5.822199 -135.330616  -0.735648
-0.004874  -0.801719 -159.594236
0.57754   -5.822199 -135.330616  -0.735648
-0.004874  -0.493470 -108.883053
0.71836   -5.822199 -135.330616  -0.735648
-0.004874  -0.199912  -72.073536
0.85918   -5.822199 -135.330616  -0.735648
-0.004874  -0.111139  -36.600868
1.00000   -5.822199 -135.330616  -0.735648
-0.004874  -0.383419   -8.865092

COMB DB-G3-4 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   11.689129   78.937457   0.770717
 0.004098   0.857056  160.210837
0.57754   11.689129   78.937457   0.770717
 0.004098   0.533977  133.069554
0.71836   11.689129   78.937457   0.770717
 0.004098   0.210841  114.688837
0.85918   11.689129   78.937457   0.770717
 0.004098   0.130790  107.418653
1.00000   11.689129   78.937457   0.770717
 0.004098   0.464824  103.613330

COMB DB-G3-4 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -8.000860 -114.673562  -0.797205
-0.004235  -0.872490 -137.414081
0.57754   -8.000860 -114.673562  -0.797205
-0.004235  -0.538418  -99.685735
0.71836   -8.000860 -114.673562  -0.797205
-0.004235  -0.216488  -74.013814
0.85918   -8.000860 -114.673562  -0.797205
-0.004235  -0.122660  -50.582017
1.00000   -8.000860 -114.673562  -0.797205
-0.004235  -0.435534  -34.043642

COMB DL-G1-1 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    0.054323   23.447124   0.452276
 0.000419   0.501742   2.020455
0.57754    0.054323   23.447124   0.452276
 0.000419   0.312144   3.585473
0.71836    0.054323   23.447124   0.452276
 0.000419   0.122560   6.296940
0.85918    0.054323   23.447124   0.452276
 0.000419   0.074951   9.301067
1.00000    0.054323   23.447124   0.452276
 0.000419   0.292229  12.390808

COMB DL-G1-1 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -5.437301   -7.969149  -0.517143
-0.000139  -0.573203  -26.204343
0.57754   -5.437301   -7.969149  -0.517143
-0.000139  -0.356044  -34.693666
0.71836   -5.437301   -7.969149  -0.517143
-0.000139  -0.138713  -44.145614
0.85918   -5.437301   -7.969149  -0.517143
-0.000139  -0.066928  -53.669783
1.00000   -5.437301   -7.969149  -0.517143
-0.000139  -0.256632  -63.277572
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3304

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    0.635588   51.566530   0.744728
 0.000915   0.825998  32.645540
0.57754    0.635588   51.566530   0.744728
 0.000915   0.513911  25.402944
0.71836    0.635588   51.566530   0.744728
 0.000915   0.201845  20.325936
0.85918    0.635588   51.566530   0.744728
 0.000915   0.130730  17.111018
1.00000    0.635588   51.566530   0.744728
 0.000915   0.451770  19.486133

COMB DL-G1-2 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -8.940282  -12.040244  -0.801356
-0.000505  -0.868448  -29.243502
0.57754   -8.940282  -12.040244  -0.801356
-0.000505  -0.552228  -40.106030
0.71836   -8.940282  -12.040244  -0.801356
-0.000505  -0.216496  -53.565421
0.85918   -8.940282  -12.040244  -0.801356
-0.000505  -0.111246  -68.096102
1.00000   -8.940282  -12.040244  -0.801356
-0.000505  -0.423240  -85.912688

COMB DL-G1-3 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    0.830096   97.042698   0.779353
 0.000736   0.865128  178.969669
0.57754    0.830096   97.042698   0.779353
 0.000736   0.538636  151.474680
0.71836    0.830096   97.042698   0.779353
 0.000736   0.211893  125.691780
0.85918    0.830096   97.042698   0.779353
 0.000736   0.126567  101.222100
1.00000    0.830096   97.042698   0.779353
 0.000736   0.498565   80.688751

COMB DL-G1-3 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672  -11.360969  -10.669715  -0.886830
-0.000399  -0.985264  -26.451793
0.57754  -11.360969  -10.669715  -0.886830
-0.000399  -0.621863  -36.325757
0.71836  -11.360969  -10.669715  -0.886830
-0.000399  -0.240672  -48.396028
0.85918  -11.360969  -10.669715  -0.886830
-0.000399  -0.114526  -61.211595
1.00000  -11.360969  -10.669715  -0.886830
-0.000399  -0.441238  -76.218451

COMB DL-G1-4 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    6.509899   86.315269   0.951272
 0.003456   1.054631  169.241271
0.57754    6.509899   86.315269   0.951272
 0.003456   0.655870  147.154739
0.71836    6.509899   86.315269   0.951272
 0.003456   0.258994  133.976685
0.85918    6.509899   86.315269   0.951272
 0.003456   0.168650  133.778686
1.00000    6.509899   86.315269   0.951272
 0.003456   0.624121  146.047377

COMB DL-G1-4 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -9.695474  -82.424756  -1.087066
-0.003318  -1.196451  -76.416237
0.57754   -9.695474  -82.424756  -1.087066
-0.003318  -0.741035  -56.499186
0.71836   -9.695474  -82.424756  -1.087066
-0.003318  -0.295302  -50.863465
0.85918   -9.695474  -82.424756  -1.087066
-0.003318  -0.151344  -53.347470
1.00000   -9.695474  -82.424756  -1.087066
-0.003318  -0.549027  -67.100565
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3305

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    0.666085   37.963288   0.272689
 0.000384   0.302742   70.492608
0.57754    0.666085   37.963288   0.272689
 0.000384   0.188448   55.138115
0.71836    0.666085   37.963288   0.272689
 0.000384   0.074342   40.328658
0.85918    0.666085   37.963288   0.272689
 0.000384   0.037684   26.564150
1.00000    0.666085   37.963288   0.272689
 0.000384   0.149438   16.666461

COMB DL-G2-1 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -4.061926   -1.857438  -0.267051
-0.000283  -0.297245   -3.135726
0.57754   -4.061926   -1.857438  -0.267051
-0.000283  -0.118471   -2.999965
0.71836   -4.061926   -1.857438  -0.267051
-0.000283  -0.073567   -4.984150
0.85918   -4.061926   -1.857438  -0.267051
-0.000283  -0.040932   -7.033647
1.00000   -4.061926   -1.857438  -0.267051
-0.000283  -0.154725  -11.162041

COMB DL-G2-2 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    4.154969   81.601726   0.425950
 0.004389   0.470315  216.738710
0.57754    4.154969   81.601726   0.425950
 0.004389   0.291695  185.501519
0.71836    4.154969   81.601726   0.425950
 0.004389   0.116533  163.952919
0.85918    4.154969   81.601726   0.425950
 0.004389   0.092864  154.194695
1.00000    4.154969   81.601726   0.425950
 0.004389   0.308209  148.100750

COMB DL-G2-2 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -6.390545  -51.943292  -0.514894
-0.004388  -0.554931  -22.203839
0.57754   -6.390545  -51.943292  -0.514894
-0.004388  -0.339890   -4.198975
0.71836   -6.390545  -51.943292  -0.514894
-0.004388  -0.139669   -4.620134
0.85918   -6.390545  -51.943292  -0.514894
-0.004388  -0.081385   -7.093513
1.00000   -6.390545  -51.943292  -0.514894
-0.004388  -0.258819  -11.653647

COMB DL-G2-3 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    3.921201   93.912242   0.730030
 0.004303   0.807812  193.287202
0.57754    3.921201   93.912242   0.730030
 0.004303   0.501821  167.043357
0.71836    3.921201   93.912242   0.730030
 0.004303   0.198791  150.693649
0.85918    3.921201   93.912242   0.730030
 0.004303   0.137285  144.925648
1.00000    3.921201   93.912242   0.730030
 0.004303   0.487568  141.613534

COMB DL-G2-3 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -9.664291  -52.386484  -0.836772
-0.004106  -0.913418  -30.317024
0.57754   -9.664291  -52.386484  -0.836772
-0.004106  -0.562974  -22.160842
0.71836   -9.664291  -52.386484  -0.836772
-0.004106  -0.226455   -31.498402
0.85918   -9.664291  -52.386484  -0.836772
-0.004106  -0.124795  -42.538371
1.00000   -9.664291  -52.386484  -0.836772
-0.004106  -0.429933  -54.979194
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3306

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    8.575637   82.769911   1.005889
 0.002976   1.116274  162.568311
0.57754    8.575637   82.769911   1.005889
 0.002976   0.694290  139.546843
0.71836    8.575637   82.769911   1.005889
 0.002976   0.274519  123.890832
0.85918    8.575637   82.769911   1.005889
 0.002976   0.170681  117.483315
1.00000    8.575637   82.769911   1.005889
 0.002976   0.639319  130.235009

COMB DL-G2-4 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -8.268219  -94.725087  -1.118523
-0.002997  -1.234598  -98.801030
0.57754   -8.268219  -94.725087  -1.118523
-0.002997  -0.765818  -71.084626
0.71836   -8.268219  -94.725087  -1.118523
-0.002997  -0.305465  -55.150367
0.85918   -8.268219  -94.725087  -1.118523
-0.002997  -0.156469  -42.320018
1.00000   -8.268219  -94.725087  -1.118523
-0.002997  -0.577600  -51.584361

COMB DL-G3-1 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672    8.904780    8.625266   0.682738
0.000293   0.759547   7.136453
0.57754    8.904780    8.625266   0.682738
0.000293   0.472944   5.372930
0.71836    8.904780    8.625266   0.682738
0.000293   0.186570   4.607107
0.85918    8.904780    8.625266   0.682738
0.000293   0.103051   4.005873
1.00000    8.904780    8.625266   0.682738
0.000293   0.404073   3.400605

COMB DL-G3-1 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -0.266360  -76.100574  -0.717305
-0.000591  -0.799096 -140.190461
0.57754   -0.266360  -76.100574  -0.717305
-0.000591  -0.498670 -109.963211
0.71836   -0.266360  -76.100574  -0.717305
-0.000591  -0.197657  -80.372702
0.85918   -0.266360  -76.100574  -0.717305
-0.000591  -0.097642  -50.817516
1.00000   -0.266360  -76.100574  -0.717305
-0.000591  -0.384197  -21.290313

COMB DL-G3-2 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   14.833350   31.248022   0.934585
 0.006126   1.034952   90.143690
0.57754   14.833350   31.248022   0.934585
 0.006126   0.642808   82.395728
0.71836   14.833350   31.248022   0.934585
 0.006126   0.254821   88.783603
0.85918   14.833350   31.248022   0.934585
 0.006126   0.179159  111.256274
1.00000   14.833350   31.248022   0.934585
 0.006126   0.618099  134.093074

COMB DL-G3-2 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -1.304286 -160.274719  -1.047622
-0.006536  -1.140303 -179.009661
0.57754   -1.304286 -160.274719  -1.047622
-0.006536  -0.703108 -116.877010
0.71836   -1.304286 -160.274719  -1.047622
-0.006536  -0.285926  -80.743761
0.85918   -1.304286 -160.274719  -1.047622
-0.006536  -0.161385  -46.775458
1.00000   -1.304286 -160.274719  -1.047622
-0.006536  -0.351513   -4.989427
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3307

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   13.031460   69.339293   0.976453
 0.004635   1.083192  182.344392
0.57754   13.031460   69.339293   0.976453
 0.004635   0.673311  157.540656
0.71836   13.031460   69.339293   0.976453
 0.004635   0.267344  143.117682
0.85918   13.031460   69.339293   0.976453
 0.004635   0.177239  140.349236
1.00000   13.031460   69.339293   0.976453
 0.004635   0.637294  137.970012

COMB DL-G3-3 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -4.777882 -132.988023  -1.097550
-0.004987  -1.203832 -158.393713
0.57754   -4.777882 -132.988023  -1.097550
-0.004987  -0.745291 -106.727290
0.71836   -4.777882 -132.988023  -1.097550
-0.004987  -0.300582  -73.962943
0.85918   -4.777882 -132.988023  -1.097550
-0.004987  -0.159793  -42.761522
1.00000   -4.777882 -132.988023  -1.097550
-0.004987  -0.568487  -13.950202

COMB DL-G3-4 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   11.187929   77.999132   1.089563
 0.004157   1.208437  160.604901
0.57754   11.187929   77.999132   1.089563
 0.004157   0.751308  136.332758
0.71836   11.187929   77.999132   1.089563
 0.004157   0.297411  123.151398
0.85918   11.187929   77.999132   1.089563
 0.004157   0.187689  120.230110
1.00000   11.187929   77.999132   1.089563
 0.004157   0.688038  119.732052

COMB DL-G3-4 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672   -7.064404 -114.247135  -1.194114
-0.004299  -1.313493 -136.403005
0.57754   -7.064404 -114.247135  -1.194114
-0.004299  -0.813968  -97.852119
0.71836   -7.064404 -114.247135  -1.194114
-0.004299  -0.326440  -76.858179
0.85918   -7.064404 -114.247135  -1.194114
-0.004299  -0.187132  -51.560853
1.00000   -7.064404 -114.247135  -1.194114
-0.004299  -0.630318  -41.523506

COMB      DB ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   15.668243   95.746419   0.770717
 0.006190   0.857056  210.487120
0.57754   15.668243   95.746419   0.770717
 0.006190   0.533977  177.092877
0.71836   15.668243   95.746419   0.770717
 0.006190   0.210841  153.476430
0.85918   15.668243   95.746419   0.770717
 0.006190   0.130790  144.806022
1.00000   15.668243   95.746419   0.770717
 0.006190   0.464824  139.360189

COMB      DB ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672  -11.826725 -165.242885  -0.797205
-0.006624  -0.872490 -179.726785
0.57754  -11.826725 -165.242885  -0.797205
-0.006624  -0.538418 -118.891504
0.71836  -11.826725 -165.242885  -0.797205
-0.006624  -0.216488  -78.252488
0.85918  -11.826725 -165.242885  -0.797205
-0.006624  -0.122660  -59.683890
1.00000  -11.826725 -165.242885  -0.797205
-0.006624  -0.435534  -73.757929
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3308

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   14.833350   97.042698   1.089563
 0.006126   1.208437  216.738710
0.57754   14.833350   97.042698   1.089563
 0.006126   0.751308  185.501519
0.71836   14.833350   97.042698   1.089563
 0.006126   0.297411  163.952919
0.85918   14.833350   97.042698   1.089563
 0.006126   0.187689  154.194695
1.00000   14.833350   97.042698   1.089563
 0.006126   0.688038  148.100750

COMB      DL ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672  -11.360969 -160.274719  -1.194114
-0.006536  -1.313493 -179.009661
0.57754  -11.360969 -160.274719  -1.194114
-0.006536  -0.813968 -116.877010
0.71836  -11.360969 -160.274719  -1.194114
-0.006536  -0.326440  -80.743761
0.85918  -11.360969 -160.274719  -1.194114
-0.006536  -0.187132  -68.096102
1.00000  -11.360969 -160.274719  -1.194114
-0.006536  -0.630318  -85.912688

COMB      CAR ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   15.668243   97.042698   1.089563
 0.006190   1.208437  216.738710
0.57754   15.668243   97.042698   1.089563
 0.006190   0.751308  185.501519
0.71836   15.668243   97.042698   1.089563
 0.006190   0.297411  163.952919
0.85918   15.668243   97.042698   1.089563
 0.006190   0.187689  154.194695
1.00000   15.668243   97.042698   1.089563
 0.006190   0.688038  148.100750

COMB      CAR ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672  -11.826725 -165.242885  -1.194114
-0.006624  -1.313493 -179.726785
0.57754  -11.826725 -165.242885  -1.194114
-0.006624  -0.813968 -118.891504
0.71836  -11.826725 -165.242885  -1.194114
-0.006624  -0.326440  -80.743761
0.85918  -11.826725 -165.242885  -1.194114
-0.006624  -0.174132  -68.096102
1.00000  -11.826725 -165.242885  -1.194114
-0.006624  -0.630318  -85.912688

COMB      DESIGN ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.43672   15.668243   97.042698   1.089563
 0.006190   1.208437  216.738710
0.57754   15.668243   97.042698   1.089563
 0.006190   0.751308  185.501519
0.71836   15.668243   97.042698   1.089563
 0.006190   0.297411  163.952919
0.85918   15.668243   97.042698   1.089563
 0.006190   0.187689  154.194695
1.00000   15.668243   97.042698   1.089563
 0.006190   0.688038  148.100750

COMB      DESIGN ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.43672  -11.826725 -165.242885  -1.194114
-0.006624  -1.313493 -179.726785
0.57754  -11.826725 -165.242885  -1.194114
-0.006624  -0.813968 -118.891504
0.71836  -11.826725 -165.242885  -1.194114
-0.006624  -0.326440  -80.743761
0.85918  -11.826725 -165.242885  -1.194114
-0.006624  -0.174132  -68.096102
1.00000  -11.826725 -165.242885  -1.194114
-0.006624  -0.630318  -85.912688
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3309

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM     311 ================== LENGTH
=    2.977743

COMB DB-G1-1 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.00000    0.048270   18.221275   0.340574
 0.000213   0.190361   6.677565
0.14086    0.048270   18.221275   0.340574
 0.000213   0.047389   8.536480
0.28171    0.048270   18.221275   0.340574
 0.000213   0.083995   10.468096
0.42257    0.048270   18.221275   0.340574
 0.000213   0.209682   12.416548
0.56343    0.048270   18.221275   0.340574
 0.000213   0.335392   14.377244

COMB DB-G1-1 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.00000   -4.760062   -4.687668  -0.299712
-1.04E-05  -0.167450  -52.771561
0.14086   -4.760062   -4.687668  -0.299712
-1.04E-05  -0.041662  -60.293963
0.28171   -4.760062   -4.687668  -0.299712
-1.04E-05  -0.095330  -67.836385
0.42257   -4.760062   -4.687668  -0.299712
-1.04E-05  -0.238189  -75.398884
0.56343   -4.760062   -4.687668  -0.299712
-1.04E-05  -0.381038  -82.995420

COMB DB-G1-2 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.00000    0.491367   45.271225   0.549695
 0.000651   0.307745  13.051698
0.14086    0.491367   45.271225   0.549695
 0.000651   0.077576  13.910861
0.28171    0.491367   45.271225   0.549695
 0.000651   0.136914  15.484873
0.42257    0.491367   45.271225   0.549695
 0.000651   0.341949  17.782588
0.56343    0.491367   45.271225   0.549695
 0.000651   0.547646  20.419851

COMB DB-G1-2 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.00000   -8.747031   -6.662799  -0.490424
-0.000274  -0.275197  -73.788844
0.14086   -8.747031   -6.662799  -0.490424
-0.000274  -0.069419  -90.066546
0.28171   -8.747031   -6.662799  -0.490424
-0.000274  -0.153461  -106.834208
0.42257   -8.747031   -6.662799  -0.490424
-0.000274  -0.384044  -123.836222
0.56343   -8.747031   -6.662799  -0.490424
-0.000274  -0.614604  -141.886148

COMB DB-G1-3 ---------- MAX

REL DIST         P          V2         V3
      T         M2         M3
0.00000    0.707484   94.796304   0.563342
 0.000795   0.315864  61.131224
0.14086    0.707484   94.796304   0.563342
 0.000795   0.079447  40.711272
0.28171    0.707484   94.796304   0.563342
 0.000795   0.155830  35.963943
0.42257    0.707484   94.796304   0.563342
 0.000795   0.385459  35.290103
0.56343    0.707484   94.796304   0.563342
 0.000795   0.615166  35.950536

COMB DB-G1-3 ---------- MIN

REL DIST         P          V2         V3
      T         M2         M3
0.00000   -11.676340   -6.153763  -0.547953
-0.000408  -0.304287  -65.301177
0.14086   -11.676340   -6.153763  -0.547953
-0.000408  -0.074706  -76.994794
0.28171   -11.676340   -6.153763  -0.547953
-0.000408  -0.156678  -90.276982
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3310

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST         P          V2         V3
      T         M2         M3
0.42257   -11.676340   -6.153763  -0.547953
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-0.000408   -0.393010  -127.073847
 0.56343   -11.676340    -6.153763    -0.547953
-0.000408   -0.629277  -166.583354

COMB DB-G1-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    4.996142   117.212950    0.678246
 0.004121   0.382398   132.606116
 0.14086    4.996142   117.212950    0.678246
 0.004121   0.107526   118.216224
 0.28171    4.996142   117.212950    0.678246
 0.004121   0.188361   116.710370
 0.42257    4.996142   117.212950    0.678246
 0.004121   0.457076   127.349312
 0.56343    4.996142   117.212950    0.678246
 0.004121   0.738456   145.421535

COMB DB-G1-4 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -11.772338   -53.036731    -0.671217
-0.003974   -0.386331   -56.620764
 0.14086  -11.772338   -53.036731    -0.671217
-0.003974   -0.107428   -67.194679
 0.28171  -11.772338   -53.036731    -0.671217
-0.003974   -0.188919   -79.245491
 0.42257  -11.772338   -53.036731    -0.671217
-0.003974   -0.473452  -110.663032
 0.56343  -11.772338   -53.036731    -0.671217
-0.003974   -0.757939  -151.853901

COMB DB-G2-1 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    0.614447   39.408268    0.193143
 0.000363   0.108578   13.787402
 0.14086    0.614447   39.408268    0.193143
 0.000363   0.027516    8.760308
 0.28171    0.614447   39.408268    0.193143
 0.000363   0.049040    7.297390
 0.42257    0.614447   39.408268    0.193143
 0.000363   0.123478    6.819432
 0.56343    0.614447   39.408268    0.193143
 0.000363   0.197936    6.720846

COMB DB-G2-1 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -4.743210   -1.481715    -0.177524
-0.000195   -0.099899   -11.332733
 0.14086   -4.743210   -1.481715    -0.177524
-0.000195   -0.025391   -15.166369
 0.28171   -4.743210   -1.481715    -0.177524
-0.000195   -0.053380   -29.998317
 0.42257   -4.743210   -1.481715    -0.177524
-0.000195   -0.134435   -45.713765
 0.56343   -4.743210   -1.481715    -0.177524
-0.000195   -0.215446   -61.962352

COMB DB-G2-2 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    1.390867   133.054331    0.290863
 0.005367   0.166872   139.616752
 0.14086    1.390867   133.054331    0.290863
 0.005367   0.058126   94.403834
 0.28171    1.390867   133.054331    0.290863
 0.005367   0.096191   66.060564
 0.42257    1.390867   133.054331    0.290863
 0.005367   0.221728   54.063618
 0.56343    1.390867   133.054331    0.290863
 0.005367   0.364617   52.195812

COMB DB-G2-2 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -9.892661   -8.999594    -0.341160
-0.005210   -0.208655   -11.353016
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3311

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST         P           V2          V3
      T         M2          M3
 0.14086   -9.892661   -8.999594    -0.341160
-0.005210   -0.066493   -15.393349
 0.28171   -9.892661   -8.999594    -0.341160
-0.005210   -0.080353   -21.436815
 0.42257   -9.892661   -8.999594    -0.341160
-0.005210   -0.202418   -53.192109
 0.56343   -9.892661   -8.999594    -0.341160
-0.005210   -0.324425   -98.135583

COMB DB-G2-3 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    1.453999   135.788733    0.520154
 0.005038   0.294699   130.012973
 0.14086    1.453999   135.788733    0.520154
 0.005038   0.088399   90.598299
 0.28171    1.453999   135.788733    0.520154
 0.005038   0.150272   66.357434
 0.42257    1.453999   135.788733    0.520154
 0.005038   0.358629   56.858058
 0.56343    1.453999   135.788733    0.520154
 0.005038   0.582662   56.512561

COMB DB-G2-3 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -12.567084   -11.319395    -0.534574
-0.004701   -0.431025   -48.216492
 0.14086  -12.567084   -11.319395    -0.534574
-0.004701   -0.091603   -58.319510
 0.28171  -12.567084   -11.319395    -0.534574
-0.004701   -0.144538   -70.391129
 0.42257  -12.567084   -11.319395    -0.534574
-0.004701   -0.362787  -105.843101
 0.56343  -12.567084   -11.319395    -0.534574
-0.004701   -0.580964  -152.865543

COMB DB-G2-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    7.603734   108.410758    0.709606
 0.003635   0.399660   117.723361
 0.14086    7.603734   108.410758    0.709606
 0.003635   0.109780   114.217317
 0.28171    7.603734   108.410758    0.709606
 0.003635   0.198262   123.977185
 0.42257    7.603734   108.410758    0.709606
 0.003635   0.484109   144.181388
 0.56343    7.603734   108.410758    0.709606
 0.003635   0.780252   170.641199

COMB DB-G2-4 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -10.326858   -71.916722    -0.706400
-0.003520   -0.405456   -43.525183
 0.14086  -10.326858   -71.916722    -0.706400
-0.003520   -0.109709   -52.979137
 0.28171  -10.326858   -71.916722    -0.706400
-0.003520   -0.197486   -63.975772
 0.42257  -10.326858   -71.916722    -0.706400
-0.003520   -0.495198   -94.665664
 0.56343  -10.326858   -71.916722    -0.706400
-0.003520   -0.792839  -133.541880

COMB DB-G3-1 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    9.487697    5.991452    0.475427
 0.00034    0.266225    2.829009
 0.14086    9.487697    5.991452    0.475427
 0.000434   0.066812   23.542371
 0.28171    9.487697    5.991452    0.475427
 0.000434   0.128316   55.773237
 0.42257    9.487697    5.991452    0.475427
 0.000434   0.321521   88.267475
 0.56343    9.487697    5.991452    0.475427
 0.000434   0.514750  120.860964
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3312

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -0.319242   -77.883169    -0.460687
-0.000714   -0.258169   -110.823920
 0.14086   -0.319242   -77.883169    -0.460687
-0.000714   -0.064888   -7.872664
 0.28171   -0.319242   -77.883169    -0.460687
-0.000714   -0.132591   -9.577350
 0.42257   -0.319242   -77.883169    -0.460687
-0.000714   -0.332011   -11.474312
 0.56343   -0.319242   -77.883169    -0.460687
-0.000714   -0.531422   -13.774959

COMB DB-G3-2 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   11.787450   87.094402    0.642922
 0.006329   0.363793   122.929300
 0.14086   11.787450   87.094402    0.642922
 0.006329   0.110326   128.559243
 0.28171   11.787450   87.094402    0.642922
 0.006329   0.182391   138.671556
 0.42257   11.787450   87.094402    0.642922
 0.006329   0.438292   165.880967
 0.56343   11.787450   87.094402    0.642922
 0.006329   0.715288   204.479447

COMB DB-G3-2 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -4.587078  -104.073672    -0.660605
-0.006664   -0.393990   -7.949345
 0.14086   -4.587078  -104.073672    -0.660605
-0.006664   -0.117702   -10.511308
 0.28171   -4.587078  -104.073672    -0.660605
-0.006664   -0.179486   -13.130953
 0.42257   -4.587078  -104.073672    -0.660605
-0.006664   -0.449190   -18.020588
 0.56343   -4.587078  -104.073672    -0.660605
-0.006664   -0.718854   -40.097071

COMB DB-G3-3 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   11.000301   112.909743    0.671631
 0.004810   0.379412   121.544584
 0.14086   11.000301   112.909743    0.671631
 0.004810   0.108722   117.975222
 0.28171   11.000301   112.909743    0.671631
 0.004810   0.197067   129.865781
 0.42257   11.000301   112.909743    0.671631
 0.004810   0.477215   155.668420
 0.56343   11.000301   112.909743    0.671631
 0.004810   0.771862   190.050669

COMB DB-G3-3 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -7.799711   -93.546847    -0.702922
-0.005014   -0.408223   -8.848932
 0.14086   -7.799711   -93.546847    -0.702922
-0.005014   -0.114196   -11.218781
 0.28171   -7.799711   -93.546847    -0.702922
-0.005014   -0.186694   -15.682636
 0.42257   -7.799711   -93.546847    -0.702922
-0.005014   -0.468454   -43.786158
 0.56343   -7.799711   -93.546847    -0.702922
-0.005014   -0.750164   -82.246102

COMB DB-G3-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    9.519292   110.604447    0.759495
 0.004173   0.404626   121.407910
 0.14086    9.519292   110.604447    0.759495
 0.004173   0.118499   101.760719
 0.28171    9.519292   110.604447    0.759495
 0.004173   0.214232   112.657687
 0.42257    9.519292   110.604447    0.759495
 0.004173   0.523025   135.126268
 0.56343    9.519292   110.604447    0.759495
 0.004173   0.843810   164.689096
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3313

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -9.605188   -80.111293    -0.765160
-0.004177   -0.440555   -34.043640
 0.14086   -9.605188   -80.111293    -0.765160
-0.004177   -0.120238   -42.546695
 0.28171   -9.605188   -80.111293    -0.765160
-0.004177   -0.211306   -52.588650
 0.42257   -9.605188   -80.111293    -0.765160
-0.004177   -0.529928   -82.081914
 0.56343   -9.605188   -80.111293    -0.765160
-0.004177   -0.848494  -120.792681

COMB DL-G1-1 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    0.056729   23.332794    0.434699
 0.000184   0.242623   12.407569
 0.14086    0.056729   23.332794    0.434699
 0.000184   0.070268   15.622135
 0.28171    0.056729   23.332794    0.434699
 0.000184   0.137121   18.910415
 0.42257    0.056729   23.332794    0.434699
 0.000184   0.343158   22.214866
 0.56343    0.056729   23.332794    0.434699
 0.000184   0.549417   25.526548

COMB DL-G1-1 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -5.408918   -7.909136    -0.490302
-7.49E-06   -0.271155   -63.299563
 0.14086   -5.408918   -7.909136    -0.490302
-7.49E-06   -0.065429   -72.956464
 0.28171   -5.408918   -7.909136    -0.490302
-7.49E-06   -0.122111   -82.664225
 0.42257   -5.408918   -7.909136    -0.490302
-7.49E-06   -0.304400   -92.410640
 0.56343   -5.408918   -7.909136    -0.490302
-7.49E-06   -0.486725  -102.173808

COMB DL-G1-2 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    0.574810   52.213289    0.710732
 0.000510   0.396904   19.512666
 0.14086    0.574810   52.213289    0.710732
 0.000510   0.098745   22.334688
 0.28171    0.574810   52.213289    0.710732
 0.000510   0.214489   25.987985
 0.42257    0.574810   52.213289    0.710732
 0.000510   0.536690   30.109421
 0.56343    0.574810   52.213289    0.710732
 0.000510   0.859444   34.517995

COMB DL-G1-2 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -8.952034   -10.865714    -0.768787
-0.000198   -0.427016   -85.949976
 0.14086   -8.952034   -10.865714    -0.768787
-0.000198   -0.104618   -105.077727
 0.28171   -8.952034   -10.865714    -0.768787
-0.000198   -0.200236   -124.941613
 0.42257   -8.952034   -10.865714    -0.768787
-0.000198   -0.295810   -145.577115
 0.56343   -8.952034   -10.865714    -0.768787
-0.000198   -0.796115   -167.071423

COMB DL-G1-3 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    0.840590   96.183630    0.745937
 0.000661   0.415827   80.685776
 0.14086    0.840590   96.183630    0.745937
 0.000661   0.103235   63.365818
 0.28171    0.840590   96.183630    0.745937
 0.000661   0.237022   52.899726
 0.42257    0.840590   96.183630    0.745937
 0.000661   0.592177   50.719203
 0.56343    0.840590   96.183630    0.745937
 0.000661   0.946980   51.765780
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3314

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -11.251905   -10.621079    -0.845806
-0.000345   -0.468755   -76.245321
 0.14086  -11.251905   -10.621079    -0.845806
-0.000345   -0.114110   -91.315737
 0.28171  -11.251905   -10.621079    -0.845806
-0.000345   -0.209737   -108.439904
 0.42257  -11.251905   -10.621079    -0.845806
-0.000345   -0.522378   -142.982064
 0.56343  -11.251905   -10.621079    -0.845806
-0.000345   -0.834994   -180.444857

COMB DL-G1-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    4.829702   111.495971    0.926435
 0.003226   0.529592   146.043511
 0.14086    4.829702   111.495971    0.926435
 0.003226   0.141972   137.865300
 0.28171    4.829702   111.495971    0.926435
 0.003226   0.293427   135.332961
 0.42257    4.829702   111.495971    0.926435
 0.003226   0.610116   145.774941
 0.56343    4.829702   111.495971    0.926435
 0.003226   1.167540   164.056767

COMB DL-G1-4 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -11.067874   -55.262391    -1.054483
-0.003083   -0.599229   -67.111632
 0.14086  -11.067874   -55.262391    -1.054483
-0.003083   -0.157256   -81.023340
 0.28171  -11.067874   -55.262391    -1.054483
-0.003083   -0.258516   -96.804526
 0.42257  -11.067874   -55.262391    -1.054483
-0.003083   -0.644956  -126.788158
 0.56343  -11.067874   -55.262391    -1.054483
-0.003083   -1.033624  -167.015239

COMB DL-G2-1 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    0.670233   37.712411    0.257378
 0.000294   0.143547   16.660668
 0.14086    0.670233   37.712411    0.257378
 0.000294   0.036066   9.569050
 0.28171    0.670233   37.712411    0.257378
 0.000294   0.073053   7.610986
 0.42257    0.670233   37.712411    0.257378
 0.000294   0.183497   7.180270
 0.56343    0.670233   37.712411    0.257378
 0.000294   0.293956   7.299257

COMB DL-G2-1 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -4.034691   -1.815148    -0.263678
-0.000169   -0.147434   -11.168871
 0.14086   -4.034691   -1.815148    -0.263678
-0.000169   -0.072552   -16.837037
 0.28171   -4.034691   -1.815148    -0.263678
-0.000169   -0.072903   -29.578989
 0.42257   -4.034691   -1.815148    -0.263678
-0.000169   -0.180625   -44.276497
 0.56343   -4.034691   -1.815148    -0.263678
-0.000169   -0.288568   -59.537939

COMB DL-G2-2 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    1.527992   120.303799    0.411201
 0.004580   0.670388   148.107756
 0.14086    1.527992   120.303799    0.411201
 0.004580   0.077418   108.420056
 0.28171    1.527992   120.303799    0.411201
 0.004580   0.137343   76.168221
 0.42257    1.527992   120.303799    0.411201
 0.004580   0.331185   62.450716
 0.56343    1.527992   120.303799    0.411201
 0.004580   0.538775   59.909429
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3315

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -8.537936   -9.926869    -0.498428
-0.004464   -0.296914   -11.650547
 0.14086   -8.537936   -9.926869    -0.498428
-0.004464   -0.088489   -16.416899
 0.28171   -8.537936   -9.926869    -0.498428
-0.004464   -0.114971   -24.630644
 0.42257   -8.537936   -9.926869    -0.498428
-0.004464   -0.284123   -50.991813
 0.56343   -8.537936   -9.926869    -0.498428
-0.004464   -0.456536   -92.236504

COMB DL-G2-3 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    1.548419   128.823965    0.701571
 0.004303   0.408848   141.632782
 0.14086    1.548419   128.823965    0.701571
 0.004303   0.115422   107.986918
 0.28171    1.548419   128.823965    0.701571
 0.004303   0.223380   81.097290
 0.42257    1.548419   128.823965    0.701571
 0.004303   0.547826   71.023115
 0.56343    1.548419   128.823965    0.701571
 0.004303   0.884968   71.007003

COMB DL-G2-3 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000  -11.584711   -14.343206    -0.806255
-0.004031   -0.465331   -54.998403
 0.14086  -11.584711   -14.343206    -0.806255
-0.004031   -0.127790   -67.560033
 0.28171  -11.584711   -14.343206    -0.806255
-0.004031   -0.196849   -83.539387
 0.42257  -11.584711   -14.343206    -0.806255
-0.004031   -0.488047  -115.717025
 0.56343  -11.584711   -14.343206    -0.806255
-0.004031   -0.782159  -161.302648

COMB DL-G2-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    7.202284   103.609643    0.984797
 0.002860   0.560827   130.211149
 0.14086    7.202284   103.609643    0.984797
 0.002860   0.148224   131.259309
 0.28171    7.202284   103.609643    0.984797
 0.002860   0.304727   138.084591
 0.42257    7.202284   103.609643    0.984797
 0.002860   0.756094   157.119570
 0.56343    7.202284   103.609643    0.984797
 0.002860   1.214950   182.984248

COMB DL-G2-4 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -9.398570   -72.368566    -1.095643
-0.002802   -0.621191   -51.588586
 0.14086   -9.398570   -72.368566    -1.095643
-0.002802   -0.161955   -63.775673
 0.28171   -9.398570   -72.368566    -1.095643
-0.002802   -0.274394   -78.648545
 0.42257   -9.398570   -72.368566    -1.095643
-0.002802   -0.685664  -107.475634
 0.56343   -9.398570   -72.368566    -1.095643
-0.002802   -1.098980  -145.094744

COMB DL-G3-1 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    8.959139    8.613350    0.683886
 0.000350   0.383047    3.397470
 0.14086    8.959139    8.613350    0.683886
 0.000350   0.095855   22.986181
 0.28171    8.959139    8.613350    0.683886
 0.000350   0.200363   54.301474
 0.42257    8.959139    8.613350    0.683886
 0.000350   0.502887   85.992826
 0.56343    8.959139    8.613350    0.683886
 0.000350   0.805614   117.911266
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3316

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -0.261015   -76.531660    -0.721054
-0.000603   -0.404321   -21.317717
 0.14086   -0.261015   -76.531660    -0.721054
-0.000603   -0.101460   -14.646674
 0.28171   -0.261015   -76.531660    -0.721054
-0.000603   -0.188768   -17.334525
 0.42257   -0.261015   -76.531660    -0.721054
-0.000603   -0.475891   -20.419424
 0.56343   -0.261015   -76.531660    -0.721054
-0.000603   -0.763255   -23.888467

COMB DL-G3-2 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   11.163036   86.991573    0.936733
 0.006233   0.551696   134.127970
 0.14086   11.163036   86.991573    0.936733
 0.006233   0.159514   139.371862
 0.28171   11.163036   86.991573    0.936733
 0.006233   0.288758   148.837244
 0.42257   11.163036   86.991573    0.936733
 0.006233   0.707467   172.739340
 0.56343   11.163036   86.991573    0.936733
 0.006233   1.145178   209.419841

COMB DL-G3-2 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -4.443074  -101.240100    -1.048837
-0.006520   -0.615453   -14.987340
 0.14086   -4.443074  -101.240100    -1.048837
-0.006520   -0.175538   -18.169044
 0.28171   -4.443074  -101.240100    -1.048837
-0.006520   -0.257663   -22.458535
 0.42257   -4.443074  -101.240100    -1.048837
-0.006520   -0.647015   -29.208543
 0.56343   -4.443074  -101.240100    -1.048837
-0.006520   -1.040348   -55.639820

COMB DL-G3-3 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   10.407507   109.178276    0.970910
 0.004843   0.562945   137.963097
 0.14086   10.407507   109.178276    0.970910
 0.004843   0.156285   134.414595
 0.28171   10.407507   109.178276    0.970910
 0.004843   0.301375   137.898526
 0.42257   10.407507   109.178276    0.970910
 0.004843   0.743134   159.019537
 0.56343   10.407507   109.178276    0.970910
 0.004843   1.198090   190.876348

COMB DL-G3-3 ------------------- MIN

REL DIST         P           V2          V3
      T         M2          M3
 0.00000   -6.991334   -90.568693    -1.088873
-0.005028   -0.629342   -13.938835
 0.14086   -6.991334   -90.568693    -1.088873
-0.005028   -0.172285   -17.281180
 0.28171   -6.991334   -90.568693    -1.088873
-0.005028   -0.268779   -25.393160
 0.42257   -6.991334   -90.568693    -1.088873
-0.005028   -0.673031   -48.039733
 0.56343   -6.991334   -90.568693    -1.088873
-0.005028   -1.080512   -85.112601

COMB DL-G3-4 ------------------- MAX

REL DIST         P           V2          V3
      T         M2          M3
 0.00000    9.013399   110.889340    1.070489
 0.004178   0.614664   119.736973
 0.14086    9.013399   110.889340    1.070489
 0.004178   0.166234   118.432582
 0.28171    9.013399   110.889340    1.070489
 0.004178   0.326487   122.894817
 0.42257    9.013399   110.889340    1.070489
 0.004178   0.807922   141.981340
 0.56343    9.013399   110.889340    1.070489
 0.004178   1.300732   170.512622
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3317

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S
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COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000   -8.882574   -79.034753   -1.177901
-0.004196   -0.674606   -41.528133
0.14086   -8.882574   -79.034753   -1.177901
-0.004196   -0.180406   -52.357041
0.28171   -8.882574   -79.034753   -1.177901
-0.004196   -0.297794   -66.741855
0.42257   -8.882574   -79.034753   -1.177901
-0.004196   -0.344366   -93.657339
0.56343   -8.882574   -79.034753   -1.177901
-0.004196   -1.193492  -132.691054

COMB      DB -------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000   11.787450   135.788733    0.759495
 0.006329    0.428026   139.616752
0.14086   11.787450   135.788733    0.759495
 0.006329    0.118499   128.559243
0.28171   11.787450   135.788733    0.759495
 0.006329    0.214232   138.671556
0.42257   11.787450   135.788733    0.759495
 0.006329    0.523025   165.880967
0.56343   11.787450   135.788733    0.759495
 0.006329    0.843810   204.479447

COMB      DB -------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000  -12.567084  -104.073672   -0.765160
-0.006664   -0.440555   -73.788844
0.14086  -12.567084  -104.073672   -0.765160
-0.006664   -0.211306   -106.834546
0.28171  -12.567084  -104.073672   -0.765160
-0.006664   -0.211306  -106.834208
0.42257  -12.567084  -104.073672   -0.765160
-0.006664   -0.529928  -127.073847
0.56343  -12.567084  -104.073672   -0.765160
-0.006664   -0.848494  -166.583354

COMB      DL -------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000   11.163036   128.823965    1.070489
 0.006233    0.614664   148.107556
0.14086   11.163036   128.823965    1.070489
 0.006233    0.166234   139.371862
0.28171   11.163036   128.823965    1.070489
 0.006233    0.326487   148.837244
0.42257   11.163036   128.823965    1.070489
 0.006233    0.807922   172.779940
0.56343   11.163036   128.823965    1.070489
 0.006233    1.300732   209.419841

COMB      DL -------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000  -11.584711  -101.240100   -1.177901
-0.006520   -0.674606   -85.949976
0.14086  -11.584711  -101.240100   -1.177901
-0.006520   -0.180406  -105.077727
0.28171  -11.584711  -101.240100   -1.177901
-0.006520   -0.297794  -124.941613
0.42257  -11.584711  -101.240100   -1.177901
-0.006520   -0.744366  -145.677115
0.56343  -11.584711  -101.240100   -1.177901
-0.006520   -1.193492  -180.444857

COMB      CAR -------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000   11.787450   135.788733    1.070489
 0.006329    0.614664   148.107556
0.14086   11.787450   135.788733    1.070489
 0.006329    0.166234   139.371862
0.28171   11.787450   135.788733    1.070489
 0.006329    0.326487   148.837244
0.42257   11.787450   135.788733    1.070489
 0.006329    0.807922   172.779940
0.56343   11.787450   135.788733    1.070489
 0.006329    1.300732   209.419841
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3318

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR -------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000  -12.567084  -104.073672   -1.177901
-0.006664   -0.674606   -85.949976
0.14086  -12.567084  -104.073672   -1.177901
-0.006664   -0.180406  -105.077727
0.28171  -12.567084  -104.073672   -1.177901
-0.006664   -0.297794  -124.941613
0.42257  -12.567084  -104.073672   -1.177901
-0.006664   -0.744366  -145.677115
0.56343  -12.567084  -104.073672   -1.177901
-0.006664   -1.193492  -180.444857

COMB    DESIGN ------------------ MAX

REL DIST            P            V2           V3
          T           M2           M3
0.00000   11.787450   135.788733    1.070489
 0.006329    0.614664   148.107556
0.14086   11.787450   135.788733    1.070489
 0.006329    0.166234   139.371862
0.28171   11.787450   135.788733    1.070489
 0.006329    0.326487   148.837244
0.42257   11.787450   135.788733    1.070489
 0.006329    0.807922   172.779940
0.56343   11.787450   135.788733    1.070489
 0.006329    1.300732   209.419841

COMB    DESIGN ------------------ MIN

REL DIST            P            V2           V3
          T           M2           M3
0.00000  -12.567084  -104.073672   -1.177901
-0.006664   -0.674606   -85.949976
0.14086  -12.567084  -104.073672   -1.177901
-0.006664   -0.180406  -105.077727
0.28171  -12.567084  -104.073672   -1.177901
-0.006664   -0.297794  -124.941613
0.42257  -12.567084  -104.073672   -1.177901
-0.006664   -0.744366  -145.677115
0.56343  -12.567084  -104.073672   -1.177901
-0.006664   -1.193492  -180.444857

ELEM      312 ================== LENGTH
=     2.976964

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.079406    18.237998    0.365312
 0.000139    0.405602    2.109435
0.57751    0.079406    18.237998    0.365312
 0.000139    0.252456    2.553628
0.71834    0.079406    18.237998    0.365312
 0.000139    0.099314    3.114072
0.85917    0.079406    18.237998    0.365312
 0.000139    0.050071    4.311958
1.00000    0.079406    18.237998    0.365312
 0.000139    0.191581    5.937700

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -4.831886   -4.458786   -0.337480
-0.000506   -0.374387   -23.472705
0.57751   -4.831886   -4.458786   -0.337480
-0.000506   -0.232902   -30.704982
0.71834   -4.831886   -4.458786   -0.337480
-0.000506   -0.091399   -37.961874
0.85917   -4.831886   -4.458786   -0.337480
-0.000506   -0.053715   -45.237162
1.00000   -4.831886   -4.458786   -0.337480
-0.000506   -0.207018   -52.615743

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.613868    43.911284    0.589037
 0.000632    0.653748   30.980479
0.57751    0.613868    43.911284    0.589037
 0.000632    0.407030   22.794647
0.71834    0.613868    43.911284    0.589037
 0.000632    0.160388   15.862281
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3319

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T           M2           M3
0.85917    0.613868    43.911284    0.589037
 0.000632    0.081633   11.170702
1.00000    0.613868    43.911284    0.589037
 0.000632    0.311202   11.916691

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -8.779440   -8.212827   -0.547582
-0.001155   -0.607809   -27.090468
0.57751   -8.779440   -8.212827   -0.547582
-0.001155   -0.378240   -35.950022
0.71834   -8.779440   -8.212827   -0.547582
-0.001155   -0.148639   -46.572947
0.85917   -8.779440   -8.212827   -0.547582
-0.001155   -0.087139   -59.497771
1.00000   -8.779440   -8.212827   -0.547582
-0.001155   -0.334186   -73.538667

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.676733    95.635575    0.643235
 0.000426    0.714327   175.507833
0.57751    0.676733    95.635575    0.643235
 0.000426    0.444664   144.706931
0.71834    0.676733    95.635575    0.643235
 0.000426    0.174969   114.558407
0.85917    0.676733    95.635575    0.643235
 0.000426    0.082767   85.724412
1.00000    0.676733    95.635575    0.643235
 0.000426    0.319091   60.239232

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -11.873824   -5.872233   -0.563467
-0.000868   -0.625869   -23.850155
0.57751   -11.873824   -5.872233   -0.563467
-0.000868   -0.389636   -32.658382
0.71834   -11.873824   -5.872233   -0.563467
-0.000868   -0.153407   -42.268671
0.85917   -11.873824   -5.872233   -0.563467
-0.000868   -0.094738   -53.415368
1.00000   -11.873824   -5.872233   -0.563467
-0.000868   -0.364548   -65.128438

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    7.310651    83.549884    0.739392
 0.004161    0.810082   161.743142
0.57751    7.310651    83.549884    0.739392
 0.004161    0.504433   137.750347
0.71834    7.310651    83.549884    0.739392
 0.004161    0.200741   121.906928
0.85917    7.310651    83.549884    0.739392
 0.004161    0.110992   119.405898
1.00000    7.310651    83.549884    0.739392
 0.004161    0.385804   131.652982

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -10.118034   -89.489876   -0.657463
-0.004378   -0.810465   -81.055125
0.57751   -10.118034   -89.489876   -0.657463
-0.004378   -0.454834   -57.796405
0.71834   -10.118034   -89.489876   -0.657463
-0.004378   -0.179160   -47.295570
0.85917   -10.118034   -89.489876   -0.657463
-0.004378   -0.123147   -45.752579
1.00000   -10.118034   -89.489876   -0.657463
-0.004378   -0.432902   -56.252867

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.578419    39.755627    0.205964
 0.000329    0.229182   71.009306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3320

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P            V2           V3
          T           M2           M3
0.57751    0.578419    39.755627    0.205964
 0.000329    0.142842   54.414084
0.71834    0.578419    39.755627    0.205964
 0.000329    0.056478   38.574347
0.85917    0.578419    39.755627    0.205964
 0.000329    0.028508   23.851550
1.00000    0.578419    39.755627    0.205964
 0.000329    0.110659   13.628359

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -4.810269   -1.450391   -0.195871
-0.000472   -0.217843   -3.259607
0.57751   -4.810269   -1.450391   -0.195871
-0.000472   -0.135726   -3.337120
0.71834   -4.810269   -1.450391   -0.195871
-0.000472   -0.053592   -4.383644
0.85917   -4.810269   -1.450391   -0.195871
-0.000472   -0.029815   -7.448167
1.00000   -4.810269   -1.450391   -0.195871
-0.000472   -0.116194   -11.273069

COMB DB-G2-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    4.607217    86.940097    0.351909
 0.005058    0.375317   210.472237
0.57751    4.607217    86.940097    0.351909
 0.005058    0.233718   177.099073
0.71834    4.607217    86.940097    0.351909
 0.005058    0.094822   153.465662
0.85917    4.607217    86.940097    0.351909
 0.005058    0.060525   144.677743
1.00000    4.607217    86.940097    0.351909
 0.005058    0.176433   139.210865

COMB DB-G2-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -7.532388   -59.830973   -0.279370
-0.005084   -0.310845   -21.405821
0.57751   -7.532388   -59.830973   -0.279370
-0.005084   -0.193723   -4.013065
0.71834   -7.532388   -59.830973   -0.279370
-0.005084   -0.076582   -4.093098
0.85917   -7.532388   -59.830973   -0.279370
-0.005084   -0.071920   -7.284859
1.00000   -7.532388   -59.830973   -0.279370
-0.005084   -0.218988  -11.268110

COMB DB-G2-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    4.333542    94.186381    0.593185
 0.004725    0.644761   188.353092
0.57751    4.333542    94.186381    0.593185
 0.004725    0.401437   159.515095
0.71834    4.333542    94.186381    0.593185
 0.004725    0.160521   139.415143
0.85917    4.333542    94.186381    0.593185
 0.004725    0.092496   132.822067
1.00000    4.333542    94.186381    0.593185
 0.004725    0.304706   129.084646

COMB DB-G2-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669  -10.491917   -57.061061   -0.508507
-0.005022   -0.565004   -30.066332
0.57751  -10.491917   -57.061061   -0.508507
-0.005022   -0.351220   -21.459223
0.71834  -10.491917   -57.061061   -0.508507
-0.005022   -0.138604   -28.469162
0.85917  -10.491917   -57.061061   -0.508507
-0.005022   -0.105391   -37.950128
1.00000  -10.491917   -57.061061   -0.508507
-0.005022   -0.083759   -48.020705
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3321

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    9.412166    81.151537    0.760672
 0.003686    0.836136   158.990979
0.57751    9.412166    81.151537    0.760672
 0.003686    0.520751   134.014581
0.71834    9.412166    81.151537    0.760672
 0.003686    0.206935   115.266086
0.85917    9.412166    81.151537    0.760672
 0.003686    0.112292   107.302095
1.00000    9.412166    81.151537    0.760672
 0.003686    0.399889   117.004184

COMB DB-G2-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -8.999923  -101.290691   -0.687541
-0.003733   -0.764223  -106.796853
0.57751   -8.999923  -101.290691   -0.687541
-0.003733   -0.475980   -76.048075
0.71834   -8.999923  -101.290691   -0.687541
-0.003733   -0.187713   -55.662721
0.85917   -8.999923  -101.290691   -0.687541
-0.003733   -0.123213   -37.114900
1.00000   -8.999923  -101.290691   -0.687541
-0.003733   -0.441989   -43.077060

COMB DB-G3-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    9.409696    5.711916    0.463117
 0.000694    0.515191   6.858937
0.57751    9.409696    5.711916    0.463117
 0.000694    0.321042   4.906391
0.71834    9.409696    5.711916    0.463117
 0.000694    0.126892   4.202482
0.85917    9.409696    5.711916    0.463117
 0.000694    0.066437   3.588707
1.00000    9.409696    5.711916    0.463117
 0.000694    0.258193   2.992940

COMB DB-G3-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -0.326480   -77.300789   -0.457250
-0.000364   -0.164624  -140.174275
0.57751   -0.326480   -77.300789   -0.457250
-0.000364   -0.316926  -107.808917
0.71834   -0.326480   -77.300789   -0.457250
-0.000364   -0.125213   -75.469150
0.85917   -0.326480   -77.300789   -0.457250
-0.000364   -0.067255   -43.141348
1.00000   -0.326480   -77.300789   -0.457250
-0.000364   -0.261445   -10.824581

COMB DB-G3-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669   15.664545    29.840445    0.639611
 0.006620    0.692406   84.210108
0.57751   15.664545    29.840445    0.639611
 0.006620    0.431482   75.984515
0.71834   15.664545    29.840445    0.639611
 0.006620    0.173885   79.475316
0.85917   15.664545    29.840445    0.639611
 0.006620    0.101716   81.910846
1.00000   15.664545    29.840445    0.639611
 0.006620    0.357559   122.585764

COMB DB-G3-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -1.588836  -165.207480   -0.592446
-0.006193   -0.658802  -179.743948
0.57751   -1.588836  -165.207480   -0.592446
-0.006193   -0.410428  -118.904859
0.71834   -1.588836  -165.207480   -0.592446
-0.006193   -0.162012   -78.295511
0.85917   -1.588836  -165.207480   -0.592446
-0.006193   -0.117436   -39.443028
1.00000   -1.588836  -165.207480   -0.592446
-0.006193   -0.385017    -7.307871
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3322

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669   13.603638    74.058303    0.706791
 0.004869    0.727793   182.275421
0.57751   13.603638    74.058303    0.706791
 0.004869    0.481437   154.332448
0.71834   13.603638    74.058303    0.706791
 0.004869    0.192346   134.462011
0.85917   13.603638    74.058303    0.706791
 0.004869    0.109884   127.229780
1.00000   13.603638    74.058303    0.706791
 0.004869    0.378365   121.372626

COMB DB-G3-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -5.828227  -135.293901   -0.642630
-0.004502   -0.714978  -159.625169
0.57751   -5.828227  -135.293901   -0.642630
-0.004502   -0.445565  -108.918432
0.71834   -5.828227  -135.293901   -0.642630
-0.004502   -0.176127   -72.137312
0.85917   -5.828227  -135.293901   -0.642630
-0.004502   -0.119992   -36.609422
1.00000   -5.828227  -135.293901   -0.642630
-0.004502   -0.415975    -8.329059

COMB DB-G3-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669   11.643943    78.662259    0.803891
 0.004228    0.882850   160.262435
0.57751   11.643943    78.662259    0.803891
 0.004228    0.549928   133.301052
0.71834   11.643943    78.662259    0.803891
 0.004228    0.218863   114.656926
0.85917   11.643943    78.662259    0.803891
 0.004228    0.120975   107.093397
1.00000   11.643943    78.662259    0.803891
 0.004228    0.428501   103.154993

COMB DB-G3-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -8.021094  -114.507070   -0.735391
-0.004103   -0.817705  -137.430579
0.57751   -8.021094  -114.507070   -0.735391
-0.004103   -0.509400   -99.683517
0.71834   -8.021094  -114.507070   -0.735391
-0.004103   -0.201068   -74.020278
0.85917   -8.021094  -114.507070   -0.735391
-0.004103   -0.131319   -50.519083
1.00000   -8.021094  -114.507070   -0.735391
-0.004103   -0.468140   -33.512436

COMB DL-G1-1 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.098274    23.573710    0.550566
 0.000137    0.611720   2.649451
0.57751    0.098274    23.573710    0.550566
 0.000137    0.380942   3.708512
0.71834    0.098274    23.573710    0.550566
 0.000137    0.150079   6.147882
0.85917    0.098274    23.573710    0.550566
 0.000137    0.079276   8.863519
1.00000    0.098274    23.573710    0.550566
 0.000137    0.310952   11.777642

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -5.472408   -7.556684   -0.551459
-0.000433   -0.612378   -26.456041
0.57751   -5.472408   -7.556684   -0.551459
-0.000433   -0.380903   -34.618082
0.71834   -5.472408   -7.556684   -0.551459
-0.000433   -0.149068   -44.113488
0.85917   -5.472408   -7.556684   -0.551459
-0.000433   -0.080570   -53.684186
1.00000   -5.472408   -7.556684   -0.551459
-0.000433   -0.311526   -61.350692
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3323

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.678217    51.726038    0.909001
 0.000499    1.010069   33.511438
0.57751    0.678217    51.726038    0.909001
 0.000499    0.629133   25.620476
0.71834    0.678217    51.726038    0.909001
 0.000499    0.248438   20.180629
0.85917    0.678217    51.726038    0.909001
 0.000499    0.124187   16.506667
1.00000    0.678217    51.726038    0.909001
 0.000499    0.484829   18.608071

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -8.996028   -11.477247   -0.859581
-0.000933   -0.953942   -29.590073
0.57751   -8.996028   -11.477247   -0.859581
-0.000933   -0.592926   -40.022334
0.71834   -8.996028   -11.477247   -0.859581
-0.000933   -0.232394   -53.524468
0.85917   -8.996028   -11.477247   -0.859581
-0.000933   -0.133529   -68.105237
1.00000   -8.996028   -11.477247   -0.859581
-0.000933   -0.514367   -85.990429

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    0.894792    97.109440    0.979884
 0.000280    1.090055   179.616574
0.57751    0.894792    97.109440    0.979884
 0.000280    0.679243   151.597474
0.71834    0.894792    97.109440    0.979884
 0.000280    0.268743   125.520395
0.85917    0.894792    97.109440    0.979884
 0.000280    0.128746   100.672769
1.00000    0.894792    97.109440    0.979884
 0.000280    0.507616   79.923304

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669  -11.440779   -10.190767   -0.901758
-0.000759   -1.002115   -36.741852
0.57751  -11.440779   -10.190767   -0.901758
-0.000759   -0.623286   -36.441602
0.71834  -11.440779   -10.190767   -0.901758
-0.000759   -0.244879   -48.354338
0.85917  -11.440779   -10.190767   -0.901758
-0.000759   -0.142549   -61.213670
1.00000  -11.440779   -10.190767   -0.901758
-0.000759   -0.553609   -76.288641

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T           M2           M3
0.43669    6.570167    86.233960    1.135375
 0.003308    1.251379   169.671323
0.57751    6.570167    86.233960    1.135375
 0.003308    0.777676   147.217757
0.71834    6.570167    86.233960    1.135375
 0.003308    0.310492   133.830908
0.85917    6.570167    86.233960    1.135375
 0.003308    0.164125   133.335807
1.00000    6.570167    86.233960    1.135375
 0.003308    0.609108   145.457382

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T           M2           M3
0.43669   -9.762455   -82.090304   -1.060213
-0.003477   -1.169711   -76.697333
0.57751   -9.762455   -82.090304   -1.060213
-0.003477   -0.727487   -56.461552
0.71834   -9.762455   -82.090304   -1.060213
-0.003477   -0.288087   -50.822383
0.85917   -9.762455   -82.090304   -1.060213
-0.003477   -0.176526   -53.217140
1.00000   -9.762455   -82.090304   -1.060213
-0.003477   -0.652470   -66.971675
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                3324
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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.683561	37.966909	0.340895
0.000281	0.379603	70.584763	
0.57751	0.683561	37.966909	0.340895
0.000281	0.287775	55.177429	
0.71834	0.683561	37.966909	0.340895
0.000281	0.093965	40.319108	
0.85917	0.683561	37.966909	0.340895
0.000281	0.041019	26.471404	
1.00000	0.683561	37.966909	0.340895
0.000281	0.160943	16.517060	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-4.093544	-1.746212	-0.286587
-0.000386	-0.317627	-3.176168	
0.57751	-4.093544	-1.746212	-0.286587
-0.000386	-0.197506	-3.700838	
0.71834	-4.093544	-1.746212	-0.286587
-0.000386	-0.077576	-4.978829	
0.85917	-4.093544	-1.746212	-0.286587
-0.000386	-0.049744	-7.024784	
1.00000	-4.093544	-1.746212	-0.286587
-0.000386	-0.192201	-11.159421	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	4.202078	81.517070	0.550249
0.004379	0.593908	216.663138	
0.57751	4.202078	81.517070	0.550249
0.004379	0.367063	185.428734	
0.71834	4.202078	81.517070	0.550249
0.004379	0.149619	163.895489	
0.85917	4.202078	81.517070	0.550249
0.004379	0.085932	154.105950	
1.00000	4.202078	81.517070	0.550249
0.004379	0.281730	147.983486	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-6.445588	-51.908969	-0.466675
-0.004392	-0.504273	-22.247529	
0.57751	-6.445588	-51.908969	-0.466675
-0.004392	-0.312773	-4.206622	
0.71834	-6.445588	-51.908969	-0.466675
-0.004392	-0.125500	-4.616700	
0.85917	-6.445588	-51.908969	-0.466675
-0.004392	-0.098838	-7.047636	
1.00000	-6.445588	-51.908969	-0.466675
-0.004392	-0.329332	-11.600970	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	3.972285	93.974801	0.918683
0.004101	1.005127	193.730034	
0.57751	3.972285	93.974801	0.918683
0.004101	0.623422	167.204081	
0.71834	3.972285	93.974801	0.918683
0.004101	0.250310	150.545516	
0.85917	3.972285	93.974801	0.918683
0.004101	0.135587	144.499928	
1.00000	3.972285	93.974801	0.918683
0.004101	0.481058	141.067196	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-9.734484	-52.078413	-0.823404
-0.004338	-0.901577	-30.564818	
0.57751	-9.734484	-52.078413	-0.823404
-0.004338	-0.559977	-22.166954	
0.71834	-9.734484	-52.078413	-0.823404
-0.004338	-0.221771	-31.459483	
0.85917	-9.734484	-52.078413	-0.823404
-0.004338	-0.151957	-42.502006	
1.00000	-9.734484	-52.078413	-0.823404
-0.004338	-0.536015	-54.970623	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3325
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.623344	82.561754	1.165159
0.002986	1.287297	162.864211	
0.57751	8.623344	82.561754	1.165159
0.002986	0.800478	139.640005	
0.71834	8.623344	82.561754	1.165159
0.002986	0.319891	123.767528	
0.85917	8.623344	82.561754	1.165159
0.002986	0.163444	117.176782	
1.00000	8.623344	82.561754	1.165159
0.002986	0.614404	129.834071	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-8.328939	-94.545571	-1.074678
-0.003006	-1.188024	-99.086823	
0.57751	-8.328939	-94.545571	-1.074678
-0.003006	-0.739586	-71.126367	
0.71834	-8.328939	-94.545571	-1.074678
-0.003006	-0.292918	-55.096065	
0.85917	-8.328939	-94.545571	-1.074678
-0.003006	-0.177970	-42.204311	
1.00000	-8.328939	-94.545571	-1.074678
-0.003006	-0.665513	-51.307329	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	8.941513	8.266511	0.689989
0.000589	0.769408	7.037392	
0.57751	8.941513	8.266511	0.689989
0.000589	0.480338	5.314887	
0.71834	8.941513	8.266511	0.689989
0.000589	0.190780	4.640046	
0.85917	8.941513	8.266511	0.689989
0.000589	0.093633	4.123734	
1.00000	8.941513	8.266511	0.689989
0.000589	0.372170	3.599055	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.272168	-76.223790	-0.663609
-0.000294	-0.740329	-140.302830	
0.57751	-0.272168	-76.223790	-0.663609
-0.000294	-0.462031	-109.998902	
0.71834	-0.272168	-76.223790	-0.663609
-0.000294	-0.183728	-80.308279	
0.85917	-0.272168	-76.223790	-0.663609
-0.000294	-0.097502	-50.657458	
1.00000	-0.272168	-76.223790	-0.663609
-0.000294	-0.385193	-21.027654	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	14.852007	30.810389	0.981815
0.006532	1.067529	89.907302	
0.57751	14.852007	30.810389	0.981815
0.006532	0.660883	82.280763	
0.71834	14.852007	30.810389	0.981815
0.006532	0.267729	88.754283	
0.85917	14.852007	30.810389	0.981815
0.006532	0.160957	111.357112	
1.00000	14.852007	30.810389	0.981815
0.006532	0.552898	134.319409	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-1.312947	-160.457117	-0.935742
-0.006129	-1.022173	-179.135419	
0.57751	-1.312947	-160.457117	-0.935742
-0.006129	-0.635967	-116.938336	
0.71834	-1.312947	-160.457117	-0.935742
-0.006129	-0.255463	-80.679329	
0.85917	-1.312947	-160.457117	-0.935742
-0.006129	-0.166754	-46.553002	
1.00000	-1.312947	-160.457117	-0.935742
-0.006129	-0.576103	-14.422079	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3326
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	13.081314	68.937646	1.075904
0.004976	1.180104	182.084259	
0.57751	13.081314	68.937646	1.075904
0.004976	0.732645	157.396675	
0.71834	13.081314	68.937646	1.075904
0.004976	0.295212	143.078608	
0.85917	13.081314	68.937646	1.075904
0.004976	0.160662	140.423620	
1.00000	13.081314	68.937646	1.075904
0.004976	0.578034	138.140386	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-4.825521	-133.129428	-0.994641
-0.004639	-1.093577	-158.499126	
0.57751	-4.825521	-133.129428	-0.994641
-0.004639	-0.680810	-106.780076	
0.71834	-4.825521	-133.129428	-0.994641
-0.004639	-0.272193	-73.904709	
0.85917	-4.825521	-133.129428	-0.994641
-0.004639	-0.173542	-42.556501	
1.00000	-4.825521	-133.129428	-0.994641
-0.004639	-0.622268	-13.443072	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	11.237954	77.715344	1.232198
0.004294	1.356729	160.684493	
0.57751	11.237954	77.715344	1.232198
0.004294	0.843120	136.379687	
0.71834	11.237954	77.715344	1.232198
0.004294	0.337834	123.074324	
0.85917	11.237954	77.715344	1.232198
0.004294	0.177454	120.655534	
1.00000	11.237954	77.715344	1.232198
0.004294	0.651910	119.551226	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-7.123339	-114.184178	-1.131336
-0.004162	-1.247088	-136.616477	
0.57751	-7.123339	-114.184178	-1.131336
-0.004162	-0.776135	-97.919431	
0.71834	-7.123339	-114.184178	-1.131336
-0.004162	-0.308623	-76.790894	
0.85917	-7.123339	-114.184178	-1.131336
-0.004162	-0.193561	-57.431858	
1.00000	-7.123339	-114.184178	-1.131336
-0.004162	-0.708137	-41.115421	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	15.664545	95.635575	0.803891
0.006620	0.882850	210.472237	
0.57751	15.664545	95.635575	0.803891
0.006620	0.549928	177.099073	
0.71834	15.664545	95.635575	0.803891
0.006620	0.218863	153.465662	
0.85917	15.664545	95.635575	0.803891
0.006620	0.120975	144.677743	
1.00000	15.664545	95.635575	0.803891
0.006620	0.428501	139.210865	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.873824	-165.207480	-0.735391
-0.006193	-0.817705	-179.743948	
0.57751	-11.873824	-165.207480	-0.735391
-0.006193	-0.509400	-118.504859	
0.71834	-11.873824	-165.207480	-0.735391
-0.006193	-0.201068	-78.295111	
0.85917	-11.873824	-165.207480	-0.735391
-0.006193	-0.131319	-59.497771	
1.00000	-11.873824	-165.207480	-0.735391
-0.006193	-0.468140	-73.538667	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3327
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	14.852007	97.109440	1.232198
0.006532	1.356729	216.663138	
0.57751	14.852007	97.109440	1.232198
0.006532	0.843120	185.428734	
0.71834	14.852007	97.109440	1.232198
0.006532	0.337834	163.895489	
0.85917	14.852007	97.109440	1.232198
0.006532	0.177454	154.105950	
1.00000	14.852007	97.109440	1.232198
0.006532	0.651910	147.983486	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.440779	-160.457117	-1.131336
-0.006129	-1.247088	-179.135419	
0.57751	-11.440779	-160.457117	-1.131336
-0.006129	-0.776135	-116.938336	
0.71834	-11.440779	-160.457117	-1.131336
-0.006129	-0.308623	-80.679329	
0.85917	-11.440779	-160.457117	-1.131336
-0.006129	-0.193561	-68.105237	
1.00000	-11.440779	-160.457117	-1.131336
-0.006129	-0.708137	-85.990429	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	15.664545	97.109440	1.232198
0.006620	1.356729	216.663138	
0.57751	15.664545	97.109440	1.232198
0.006620	0.843120	185.428734	
0.71834	15.664545	97.109440	1.232198
0.006620	0.337834	163.895489	
0.85917	15.664545	97.109440	1.232198
0.006620	0.177454	154.105950	
1.00000	15.664545	97.109440	1.232198
0.006620	0.651910	147.983486	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.873824	-165.207480	-1.131336
-0.006193	-1.247088	-179.743948	
0.57751	-11.873824	-165.207480	-1.131336
-0.006193	-0.776135	-118.904859	
0.71834	-11.873824	-165.207480	-1.131336
-0.006193	-0.308623	-80.679329	
0.85917	-11.873824	-165.207480	-1.131336
-0.006193	-0.193561	-68.105237	
1.00000	-11.873824	-165.207480	-1.131336
-0.006193	-0.708137	-85.990429	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	15.664545	97.109440	1.232198
0.006620	1.356729	216.663138	
0.57751	15.664545	97.109440	1.232198
0.006620	0.843120	185.428734	
0.71834	15.664545	97.109440	1.232198
0.006620	0.337834	163.895489	
0.85917	15.664545	97.109440	1.232198
0.006620	0.177454	154.105950	
1.00000	15.664545	97.109440	1.232198
0.006620	0.651910	147.983486	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-11.873824	-165.207480	-1.131336
-0.006193	-1.247088	-179.743948	
0.57751	-11.873824	-165.207480	-1.131336
-0.006193	-0.776135	-118.904859	
0.71834	-11.873824	-165.207480	-1.131336
-0.006193	-0.308623	-80.679329	
0.85917	-11.873824	-165.207480	-1.131336
-0.006193	-0.193561	-68.105237	
1.00000	-11.873824	-165.207480	-1.131336
-0.006193	-0.708137	-85.990429	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3328
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 313 ========== LENGTH = 2.977961

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080015	18.169988	0.357348
1.04E-05	0.200179	5.944358	
0.14086	0.080015	18.169988	0.357348
1.04E-05	0.050136	7.661093	
0.28173	0.080015	18.169988	0.357348
1.04E-05	0.091870	9.461752	
0.42259	0.080015	18.169988	0.357348
1.04E-05	0.230246	11.279181	
0.56346	0.080015	18.169988	0.357348
1.04E-05	0.368605	13.108679	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.789399	-4.378528	-0.329829
-0.000215	-0.184862	-52.632445	
0.14086	-4.789399	-4.378528	-0.329829
-0.000215	-0.046477	-60.133692	
0.28173	-4.789399	-4.378528	-0.329829
-0.000215	-0.099654	-67.660306	
0.42259	-4.789399	-4.378528	-0.329829
-0.000215	-0.249544	-75.208345	
0.56346	-4.789399	-4.378528	-0.329829
-0.000215	-0.399438	-82.783926	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.497579	45.185443	0.578649
0.000273	0.325209	11.936561	
0.14086	0.497579	45.185443	0.578649
0.000273	0.082325	12.613197	
0.28173	0.497579	45.185443	0.578649
0.000273	0.149263	13.929058	
0.42259	0.497579	45.185443	0.578649
0.000273	0.374536	16.045199	
0.56346	0.497579	45.185443	0.578649
0.000273	0.599774	18.501118	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.791032	-6.235856	-0.537006
-0.000680	-0.301997	-73.569310	
0.14086	-8.791032	-6.235856	-0.537006
-0.000680	-0.076708	-89.797749	
0.28173	-8.791032	-6.235856	-0.537006
-0.000680	-0.160928	-106.528626	
0.42259	-8.791032	-6.235856	-0.537006
-0.000680	-0.403303	-123.512462	
0.56346	-8.791032	-6.235856	-0.537006
-0.000680	-0.645760	-141.529494	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.694667	94.686861	0.609032
0.000408	0.339179	60.213552	
0.14086	0.694667	94.686861	0.609032
0.000408	0.084571	39.618493	
0.28173	0.694667	94.686861	0.609032
0.000408	0.153994	34.697486	
0.42259	0.694667	94.686861	0.609032
0.000408	0.387052	33.867576	
0.56346	0.694667	94.686861	0.609032
0.000408	0.620111	34.375881	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.723393	-5.798513	-0.555569
-0.000820	-0.312152	-65.149066	
0.14086	-11.723393	-5.798513	-0.555569
-0.000820	-0.079050	-76.818035	
0.28173	-11.723393	-5.798513	-0.555569
-0.000820	-0.172208	-90.006620	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3329
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.42259	-11.723393	-5.798513	-0.555569
-0.000820	-0.427486	-126.736077	
0.56346	-11.723393	-5.798513	-0.555569
-0.000820	-0.682960	-166.202420	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.983946	117.052372	0.710711
0.003977	0.411065	131.827367	
0.14086	4.983946	117.052372	0.710711
0.003977	0.114242	117.287123	
0.28173	4.983946	117.052372	0.710711
0.003977	0.179843	115.627333	
0.42259	4.983946	117.052372	0.710711
0.003977	0.451542	126.131507	
0.56346	4.983946	117.052372	0.710711
0.003977	0.723214	144.090153	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.809248	-52.728617	-0.648964
-0.004141	-0.378939	-56.264696	
0.14086	-11.809248	-52.728617	-0.648964
-0.004141	-0.107113	-66.778056	
0.28173	-11.809248	-52.728617	-0.648964
-0.004141	-0.198788	-78.712812	
0.42259	-11.809248	-52.728617	-0.648964
-0.004141	-0.483576	-110.030010	
0.56346	-11.809248	-52.728617	-0.648964
-0.004141	-0.782220	-151.233280	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.583661	39.365095	0.205219
0.000176	0.115501	13.615611	
0.14086	0.583661	39.365095	0.205219
0.000176	0.029342	8.513676	
0.28173	0.583661	39.365095	0.205219
0.000176	0.053711	7.019544	
0.42259	0.583661	39.365095	0.205219
0.000176	0.135370	6.512020	
0.56346	0.583661	39.365095	0.205219
0.000176	0.217010	6.388601	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.756845	-1.382611	-0.194620
-0.000364	-0.109580	-11.278978	
0.14086	-4.756845	-1.382611	-0.194620
-0.000364	-0.027901	-15.102882	
0.28173	-4.756845	-1.382611	-0.194620
-0.000364	-0.056646	-29.874728	
0.42259	-4.756845	-1.382611	-0.194620
-0.000364	-0.142747	-45.584770	
0.56346	-4.756845	-1.382611	-0.194620
-0.000364	-0.228825	-61.816454	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.354617	132.992409	0.325743
0.005211	0.200264	139.467779	
0.14086	1.354617	132.992409	0.325743
0.005211	0.065596	94.220231	
0.28173	1.354617	132.992409	0.325743
0.005211	0.076781	65.813694	
0.42259	1.354617	132.992409	0.325743
0.005211	0.193503	53.788231	
0.56346	1.354617	132.992409	0.325743
0.005211	0.310226	51.920844	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.911742	-8.954777	-0.280072
-0.005366	-0.177810	-11.268195	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3330
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.14086	-9.911742	-8.954777	-0.280072
-0.005366	-0.060971	-15.000481	
0.28173	-9.911742	-8.954777	-0.280072
-0.005366	-0.091627	-21.260200	
0.42259	-9.911742	-8.954777	-0.280072
-0.005366	-0.217921	-52.937278	
0.56346	-9.911742	-8.954777	-0.280072
-0.005366	-0.347320	-97.969386	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.396901	135.691051	0.563811
0.004701	0.331945	129.322432	
0.14086	1.396901	135.691051	0.563811
0.004701	0.097288	89.784956	
0.28173	1.396901	135.691051	0.563811
0.004701	0.139059	65.428097	
0.42259	1.396901	135.691051	0.563811
0.004701	0.349606	55.822713	
0.56346	1.396901	135.691051	0.563811
0.004701	0.560118	55.395445	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.605350	-11.075442	-0.503482
-0.005039	-0.301037	-48.034650	
0.14086	-12.605350	-11.075442	-0.503482
-0.005039	-0.090355	-58.111523	
0.28173	-12.605350	-11.075442	-0.503482
-0.005039	-0.157857	-70.092198	
0.42259	-12.605350	-11.075442	-0.503482
-0.005039	-0.385049	-105.372360	
0.56346	-12.605350	-11.075442	-0.503482
-0.005039	-0.615012	-152.547044	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.555405	108.192178	0.732032
0.003524	0.420301	117.125882	
0.14086	7.555405	108.192178	0.732032
0.003524	0.114515	113.506508	
0.28173	7.555405	108.192178	0.732032
0.003524	0.188348	123.165387	
0.42259	7.555405	108.192178	0.732032
0.003524	0.472963	143.276204	
0.56346	7.555405	108.192178	0.732032
0.003524	0.757569	169.659269	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.356092	-71.692796	-0.679543
-0.003633	-0.393395	-43.083345	
0.14086	-10.356092	-71.692796	-0.679543
-0.003633	-0.108648	-52.455612	
0.28173	-10.356092	-71.692796	-0.679543
-0.003633	-0.204934	-63.310954	
0.42259	-10.356092	-71.692796	-0.679543
-0.003633	-0.505867	-93.872245	
0.56346	-10.356092	-71.692796	-0.679543
-0.003633	-0.808650	-132.724395	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.487720	5.739978	0.456915
0.000743	0.256075	2.990266	
0.14086	9.487720	5.739978	0.456915
0.000743	0.064344	23.491461	
0.28173	9.487720	5.739978	0.456915
0.000743	0.125612	55.714786	
0.42259	9.487720	5.739978	0.456915
0.000743	0.315088	88.198888	
0.56346	9.487720	5.739978	0.456915
0.000743	0.504550	120.782259	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-0.320708	-77.848753		-0.451649	
-0.000430		-0.253323	-10.863312			
0.14086		-0.320708	-77.848753		-0.451649	
-0.000430		-0.063838	-7.282374			
0.28173		-0.320708	-77.848753		-0.451649	
-0.000430		-0.127297	-8.880329			
0.42259		-0.320708	-77.848753		-0.451649	
-0.000430		-0.318955	-10.671920			
0.56346		-0.320708	-77.848753		-0.451649	
-0.000430		-0.510617	-12.866625			

COMB DB-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.784562	86.816855		0.630950	
0.006697		0.377467	122.924139			
0.14086		11.784562	86.816855		0.630950	
0.006697		0.113568	128.490914			
0.28173		11.784562	86.816855		0.630950	
0.006697		0.162238	136.592665			
0.42259		11.784562	86.816855		0.630950	
0.006697		0.406692	165.787261			
0.56346		11.784562	86.816855		0.630950	
0.006697		0.651090	204.401649			

COMB DB-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.590221	-104.036608		-0.584846	
-0.006323		-0.352234	-7.294065			
0.14086		-4.590221	-104.036608		-0.584846	
-0.006323		-0.107624	-9.743455			
0.28173		-4.590221	-104.036608		-0.584846	
-0.006323		-0.174079	-12.231261			
0.42259		-4.590221	-104.036608		-0.584846	
-0.006323		-0.426383	-16.991673			
0.56346		-4.590221	-104.036608		-0.584846	
-0.006323		-0.682234	-39.079512			

COMB DB-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.977719	112.620034		0.677297	
0.005044		0.394067	121.542044			
0.14086		10.977719	112.620034		0.677297	
0.005044		0.111959	117.917783			
0.28173		10.977719	112.620034		0.677297	
0.005044		0.176651	129.774421			
0.42259		10.977719	112.620034		0.677297	
0.005044		0.443850	155.561261			
0.56346		10.977719	112.620034		0.677297	
0.005044		0.711022	189.948700			

COMB DB-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-7.812197	-93.509811		-0.638430	
-0.004805		-8.314333	-8.314948			
0.14086		-7.812197	-93.509811		-0.638430	
-0.004805		-0.107969	-10.571150			
0.28173		-7.812197	-93.509811		-0.638430	
-0.004805		-0.189762	-14.860499			
0.42259		-7.812197	-93.509811		-0.638430	
-0.004805		-0.465202	-42.790634			
0.56346		-7.812197	-93.509811		-0.638430	
-0.004805		-0.743266	-81.220966			

COMB DB-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.474705	110.329297		0.776151	
0.004202		0.447089	103.300172			
0.14086		9.474705	110.329297		0.776151	
0.004202		0.122859	101.212098			
0.28173		9.474705	110.329297		0.776151	
0.004202		0.201690	112.033282			
0.42259		9.474705	110.329297		0.776151	
0.004202		0.506588	134.435118			
0.56346		9.474705	110.329297		0.776151	
0.004202		0.811458	163.949482			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-9.630732	-79.944452		-0.728023	
-0.004170		-0.422635	-33.514018			
0.14086		-9.630732	-79.944452		-0.728023	
-0.004170		-0.177615	-41.909229			
0.28173		-9.630732	-79.944452		-0.728023	
-0.004170		-0.216959	-51.790457			
0.42259		-9.630732	-79.944452		-0.728023	
-0.004170		-0.535389	-81.126960			
0.56346		-9.630732	-79.944452		-0.728023	
-0.004170		-0.855968	-119.802592			

COMB DL-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		0.102494	23.460617		0.536677	
7.47E-06		0.100293	11.794182			
0.14086		0.102494	23.460617		0.536677	
7.47E-06		0.075091	14.840103			
0.28173		0.102494	23.460617		0.536677	
7.47E-06		0.150119	17.952509			
0.42259		0.102494	23.460617		0.536677	
7.47E-06		0.379631	21.082568			
0.56346		0.102494	23.460617		0.536677	
7.47E-06		0.608789	24.222189			

COMB DL-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-5.444486	-7.497891		-0.545628	
-0.000185		-0.305512	-63.378627			
0.14086		-5.444486	-7.497891		-0.545628	
-0.000185		-0.075983	-73.091554			
0.28173		-5.444486	-7.497891		-0.545628	
-0.000185		-0.149904	-82.840756			
0.42259		-5.444486	-7.497891		-0.545628	
-0.000185		-0.375094	-92.634323			
0.56346		-5.444486	-7.497891		-0.545628	
-0.000185		-0.600192	-102.444245			

COMB DL-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		0.619372	52.376968		0.890526	
0.000197		0.499654	18.634319			
0.14086		0.619372	52.376968		0.890526	
0.000197		0.125905	21.214315			
0.28173		0.619372	52.376968		0.890526	
0.000197		0.232666	24.630006			
0.42259		0.619372	52.376968		0.890526	
0.000197		0.587222	28.491298			
0.56346		0.619372	52.376968		0.890526	
0.000197		0.942336	32.662743			

COMB DL-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-9.007024	-10.302730		-0.845034	
-0.000527		-0.472869	-86.032333			
0.14086		-9.007024	-10.302730		-0.845034	
-0.000527		-0.118364	-105.208572			
0.28173		-9.007024	-10.302730		-0.845034	
-0.000527		-0.248290	-125.136683			
0.42259		-9.007024	-10.302730		-0.845034	
-0.000527		-0.621415	-145.936732			
0.56346		-9.007024	-10.302730		-0.845034	
-0.000527		-0.994919	-167.395198			

COMB DL-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		0.913770	96.249773		0.949016	
0.000345		0.530842	79.916532			
0.14086		0.913770	96.249773		0.949016	
0.000345		0.132594	62.399510			
0.28173		0.913770	96.249773		0.949016	
0.000345		0.244152	51.725968			
0.42259		0.913770	96.249773		0.949016	
0.000345		0.614785	49.367738			
0.56346		0.913770	96.249773		0.949016	
0.000345		0.985941	50.201400			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.336104	-10.142325		-0.883020	
-0.000677		-0.493301	-76.317332			
0.14086		-11.336104	-10.142325		-0.883020	
-0.000677		-0.122548	-91.427143			
0.28173		-11.336104	-10.142325		-0.883020	
-0.000677		-0.266645	-108.577675			
0.42259		-11.336104	-10.142325		-0.883020	
-0.000677		-0.664224	-143.187061			
0.56346		-11.336104	-10.142325		-0.883020	
-0.000677		-1.062288	-180.682205			

COMB DL-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		4.897291	111.416267		1.115705	
0.003085		0.636353	145.452416			
0.14086		4.897291	111.416267		1.115705	
0.003085		0.169123	137.126433			
0.28173		4.897291	111.416267		1.115705	
0.003085		0.288928	134.438966			
0.42259		4.897291	111.416267		1.115705	
0.003085		0.724228	144.759522			
0.56346		4.897291	111.416267		1.115705	
0.003085		1.162607	162.902450			

COMB DL-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.138203	-54.926652		-1.050468	
-0.003239		-0.600437	-66.983883			
0.14086		-11.138203	-54.926652		-1.050468	
-0.003239		-0.159550	-80.655891			
0.28173		-11.138203	-54.926652		-1.050468	
-0.003239		-0.310113	-96.593107			
0.42259		-11.138203	-54.926652		-1.050468	
-0.003239		-0.769109	-126.573667			
0.56346		-11.138203	-54.926652		-1.050468	
-0.003239		-1.235094	-166.796053			

COMB DL-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		0.688842	37.716492		0.335861	
0.000164		0.188690	16.510759			
0.14086		0.688842	37.716492		0.335861	
0.000164		0.048280	9.360355			
0.28173		0.688842	37.716492		0.335861	
0.000164		0.076464	7.349252			
0.42259		0.688842	37.716492		0.335861	
0.000164		0.192063	6.871328			
0.56346		0.688842	37.716492		0.335861	
0.000164		0.308022	6.943253			

COMB DL-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.065697	-1.706904		-0.276390	
-0.000295		-0.153933	-13.885942			
0.14086		-4.065697	-1.706904		-0.276390	
-0.000295		-0.038407	-16.879072			
0.28173		-4.065697	-1.706904		-0.276390	
-0.000295		-0.093731	-29.559691			
0.42259		-4.065697	-1.706904		-0.276390	
-0.000295		-0.234372	-44.244607			
0.56346		-4.065697	-1.706904		-0.276390	
-0.000295		-0.375197	-59.496336			

COMB DL-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		1.580801	120.218017		0.532037	
0.004465		0.316820	147.988756			
0.14086		1.580801	120.218017		0.532037	
0.004465		0.094652	108.288456			
0.28173		1.580801	120.218017		0.532037	
0.004465		0.124016	75.985796			
0.42259		1.580801	120.218017		0.532037	
0.004465		0.305867	62.249797			
0.56346		1.580801	120.218017		0.532037	
0.004465		0.492065	59.710551			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-8.595619	-9.889922		-0.454563	
-0.004580		-0.273195	-11.598787			
0.14086		-8.595619	-9.889922		-0.454563	
-0.004580		-0.108290	-16.330562			
0.28173		-8.595619	-9.889922		-0.454563	
-0.004580		-0.147581	-24.475500			
0.42259		-8.595619	-9.889922		-0.454563	
-0.004580		-0.356888	-50.796265			
0.56346		-8.595619	-9.889922		-0.454563	
-0.004580		-0.576669	-92.065337			

COMB DL-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		1.605860	128.884842		0.893379	
0.004032		0.517302	141.084336			
0.14086		1.605860	128.884842		0.893379	
0.004032		0.143507	107.319874			
0.28173		1.605860	128.884842		0.893379	
0.004032		0.220756	80.270114			
0.42259		1.605860	128.884842		0.893379	
0.004032		0.551689	70.059611			
0.56346		1.605860	128.884842		0.893379	
0.004032		0.886024	69.926282			

COMB DL-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.656883	-14.033602		-0.806350	
-0.004304		-0.467937	-54.987735			
0.14086		-11.656883	-14.033602		-0.806350	
-0.004304		-0.129993	-67.556126			
0.28173		-11.656883	-14.033602		-0.806350	
-0.004304		-0.248410	-83.506240			
0.42259		-11.656883	-14.033602		-0.806350	
-0.004304		-0.610629	-115.684032			
0.56346		-11.656883	-14.033602		-0.806350	
-0.004304		-0.982373	-161.325527			

COMB DL-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		7.257267	103.404648		1.152686	
0.002805		0.655263	129.809895			
0.14086		7.257267	103.404648		1.152686	
0.002805		0.172822	130.796270			
0.28173		7.257267	103.404648		1.152686	
0.002805		0.294107	137.525608			
0.42259		7.257267	103.404648		1.152686	
0.002805		0.738689	156.489213			
0.56346		7.257267	103.404648		1.152686	
0.002805		1.183938	182.293606			

COMB DL-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-9.461946	-72.189513		-1.068027	
-0.002859		-0.607990	-51.310307			
0.14086		-9.461946	-72.189513		-1.068027	
-0.002859		-0.159747	-63.419349			
0.28173		-9.461946	-72.189513		-1.068027	
-0.002859		-0.320550	-78.181605			
0.42259		-9.461946	-72.189513		-1.068027	
-0.002859		-0.795876	-106.929030			
0.56346		-9.461946	-72.189513		-1.068027	
-0.002859		-1.278002	-144.495261			

COMB DL-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		8.970968	8.253172		0.702453	
0.000641		0.392299	3.594658			
0.14086		8.970968	8.253172		0.702453	
0.000641		0.099473	23.136036			
0.28173		8.970968	8.253172		0.702453	
0.000641		0.186656	54.516582			
0.42259		8.970968	8.253172		0.702453	
0.000641		0.469413	86.302195			
0.56346		8.970968	8.253172		0.702453	
0.000641		0.752107	118.297955			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-0.267359	-76.655092		-0.673624	
-0.000347		-0.377613	-21.056611			
0.14086		-0.267359	-76.655092		-0.673624	
-0.000347		-0.094642	-14.028328			
0.28173		-0.267359	-76.655092		-0.673624	
-0.000347		-0.194226	-16.571374			
0.42259		-0.267359	-76.655092		-0.673624	
-0.000347		-0.488916	-19.503846			
0.56346		-0.267359	-76.655092		-0.673624	
-0.000347		-0.783845	-22.824586			

COMB DL-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.184447	86.556549		0.993946	
0.006564		0.582450	134.353353			
0.14086		11.184447	86.556549		0.993946	
0.006564		0.168173	139.582830			
0.28173		11.184447	86.556549		0.993946	
0.006564		0.258943	149.120163			
0.42259		11.184447	86.556549		0.993946	
0.006564		0.643792	173.212382			
0.56346		11.184447	86.556549		0.993946	
0.006564		1.034239	209.885001			

COMB DL-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-4.451649	-101.419891		-0.946455	
-0.006217		-0.558090	-14.420692			
0.14086		-4.451649	-101.419891		-0.946455	
-0.006217		-0.161386	-17.363813			
0.28173		-4.451649	-101.419891		-0.946455	
-0.006217		-0.271463	-21.453492			
0.42259		-4.451649	-101.419891		-0.946455	
-0.006217		-0.669609	-28.005157			
0.56346		-4.451649	-101.419891		-0.946455	
-0.006217		-1.082259	-54.310978			

COMB DL-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		10.461704	108.777825		1.074147	
0.005067		0.620531	138.137343			
0.14086		10.461704	108.777825		1.074147	
0.005067		0.274658	134.596892			
0.28173		10.461704	108.777825		1.074147	
0.005067		0.274184	138.112628			
0.42259		10.461704	108.777825		1.074147	
0.005067		0.684055	159.313051			
0.56346		10.461704	108.777825		1.074147	
0.005067		1.097833	191.187843			

COMB DL-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-7.039059	-90.707605		-0.997442	
-0.004839		-0.578502	-34.433453			
0.14086		-7.039059	-90.707605		-0.997442	
-0.004839		-0.159954	-16.682497			
0.28173		-7.039059	-90.707605		-0.997442	
-0.004839		-0.296898	-24.469428			
0.42259		-7.039059	-90.707605		-0.997442	
-0.004839		-0.733389	-46.924859			
0.56346		-7.039059	-90.707605		-0.997442	
-0.004839		-1.180766	-83.857326			

COMB DL-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		9.068413	110.607477		1.225353	
0.004229		0.702184	119.557208			
0.14086		9.068413	110.607477		1.225353	
0.004229		0.190485	118.165555			
0.28173		9.068413	110.607477		1.225353	
0.004229		0.310094	122.609225			
0.42259		9.068413	110.607477		1.225353	
0.004229		0.775807	141.689632			
0.56346		9.068413	110.607477		1.225353	
0.004229		1.245159	169.650313			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-8.941307	-78.969873		-1.127209	
-0.004176		-0.647224	-41.124822			
0.14086		-8.941307	-78.969873		-1.127209	
-0.004176		-0.174471	-51.813086			
0.28173		-8.941307	-78.969873		-1.127209	
-0.004176		-0.339371	-66.032431			
0.42259		-8.941307	-78.969873		-1.127209	
-0.004176		-0.841563	-92.811253			
0.56346		-8.941307	-78.969873		-1.127209	
-0.004176		-1.353030	-131.744168			

COMB DB ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.784562	135.691051		0.776151	
0.006697		0.447089	139.467779			
0.14086		11.784562	135.691051		0.776151	
0.006697		0.122859	128.490914			
0.28173		11.784562	135.691051		0.776151	
0.006697		0.201690	138.592065			
0.42259		11.784562	135.691051		0.776151	
0.006697		0.506588	165.787261			
0.56346		11.784562	135.691051		0.776151	
0.006697		0.811458	204.401649			

COMB DB ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.784562	86.816855		0.630950	
0.006697		0.377467	122.924139			
0.14086		11.784562	86.816855		0.630950	
0.006697		0.113568	128.490914			
0.28173		11.784562	86.816855		0.630950	
0.006697		0.162238	136.592665			
0.42259		11.784562	86.816855		0.630950	
0.006697		0.406692	165.787261			
0.56346		11.784562	86.816855		0.630950	
0.006697		0.651090	204.401649			

COMB DL ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.184447	128.884842		1.225353	
0.006564		0.702184	147.988756			
0.14086		11.184447	128.884842		1.225353	
0.006564		0.190485	139.582830			
0.28173		11.184447	128.884842		1.225353	
0.006564		0.310094	149.120163			
0.42259		11.184447	128.884842		1.225353	
0.006564		0.775807	173.212382			
0.56346		11.184447	128.884842		1.225353	
0.006564		1.245159	209.885001			

COMB DL ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-11.656883	-101.419891		-1.127209	
-0.006217		-0.647224	-86.032333			
0.14086		-11.656883	-101.419891		-1.127209	
-0.006217		-0.174471	-105.208572			
0.28173		-11.656883	-101.419891		-1.127209	
-0.006217		-0.339371	-125.136683			
0.42259		-11.656883	-101.419891		-1.127209	
-0.006217		-0.841563	-145.936732			
0.56346		-11.656883	-101.419891		-1.127209	
-0.006217		-1.353030	-180.682205			

COMB CAR ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.784562	135.691051		1.225353	
0.006697		0.702184	147.988756			
0.14086		11.784562	135.691051		1.225353	
0.006697		0.190485	139.582830			
0.28173		11.784562	135.691051		1.225353	
0.006697		0.310094	149.120163			
0.42259		11.784562	135.691051		1.225353	
0.006697		0.775807	173.212382			
0.56346		11.784562	135.691051		1.225353	
0.006697		1.245159	209.885001			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-12.605350	-104.036608		-1.127209	
-0.006323		-0.647224	-86.032333			
0.14086		-12.605350	-104.036608		-1.127209	
-0.006323		-0.174471	-105.208572			
0.28173		-12.605350	-104.036608		-1.127209	
-0.006323		-0.339371	-125.136683			
0.42259		-12.605350	-104.036608		-1.127209	
-0.006323		-0.841563	-145.936732			
0.56346		-12.605350	-104.036608		-1.127209	
-0.006323		-1.353030	-180.682205			

COMB DESIGN ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.00000		11.784562	135.691051		1.225353	
0.006697		0.702184	147.988756			
0.14086		11.784562	135.691051		1.225353	
0.006697		0.190485	139.582830			
0.28173		11.784562	135.691051		1.225353	
0.006697		0.310094	149.120163			
0.42259		11.784562	135.691051		1.225353	
0.006697		0.775807	173.212382			
0.56346		11.784562	135.691051		1.225353	
0.006697		1.245159	209.885001			

COMB DESIGN ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.00000		-12.605350	-104.036608		-1.127209	
-0.006323		-0.647224	-86.032333			
0.14086		-12.605350	-104.036608		-1.127209	
-0.006323		-0.174471	-105.208572			
0.28173		-12.605350	-104.036608		-1.127209	
-0.006323		-0.339371	-125.136683			
0.42259		-12.605350	-104.036608		-1.127209	
-0.006323		-0.841563	-145.936732			
0.56346		-12.605350	-104.036608		-1.127209	
-0.006323		-1.353030	-180.682205			

ELEM 314 ========== LENGTH = 2.977259

COMB DB-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43664		0.560352	15.550606		0.384653	
1.32E-05		0.427585	2.708683			
0.57748		0.560352	15.550606		0.384653	
1.32E-05		0.266295	2.628885			
0.71832		0.560352	15.550606		0.384653	
1.32E-05		0.105016	2.788732			
0.85916		0.560352	15.550606		0.384653	
1.32E-05		0.055012	5.298229			
1.00000		0.560352	15.550606		0.384653	
1.32E-05		0.212983	8.252535			

COMB DB-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43664		-4.158251	-7.834568		-0.376500	
-0.000818		-0.418513	-23.638947			
0.57748		-4.158251	-7.834568		-0.376500	
-0.000818		-0.260642	-29.570837			
0.71832		-4.158251	-7.834568		-0.376500	
-0.000818		-0.102755	-35.560488			
0.85916		-4.158251	-7.834568		-0.376500	
-0.000818		-0.056197	-41.573872			
1.00000		-4.158251	-7.834568		-0.376500	
-0.000818		-0.217578	-47.695041			

COMB DB-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43664		0.901997	39.725764		0.631671	

```
 0.000308    0.701775   29.376324
0.57748     0.901997   39.725764    0.631671
 0.000308    0.436923   21.555828
0.71832     0.901997   39.725764    0.631671
 0.000308    0.172701   14.575666
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3338

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.85916    0.901997   39.725764    0.631671
 0.000308    0.089907   14.707666
1.00000    0.901997   39.725764    0.631671
 0.000308    0.345742   14.844810

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -8.269518  -13.486931   -0.610979
-0.001618   -0.679298  -30.109335
0.57748    -8.269518  -13.486931   -0.610979
-0.001618   -0.423108  -36.329929
0.71832    -8.269518  -13.486931   -0.610979
-0.001618   -0.166887  -45.175887
0.85916    -8.269518  -13.486931   -0.610979
-0.001618   -0.092736  -56.414129
1.00000    -8.269518  -13.486931   -0.610979
-0.001618   -0.357716  -68.341052

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     0.903331   91.771136    0.794088
 5.53E-05    0.883782  170.667857
0.57748     0.903331   91.771136    0.794088
 5.53E-05    0.550807  140.136869
0.71832     0.903331   91.771136    0.794088
 5.53E-05    0.217846  109.915163
0.85916     0.903331   91.771136    0.794088
 5.53E-05    0.092440   82.759958
1.00000     0.903331   91.771136    0.794088
 5.53E-05    0.358840   59.427553

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664   -11.528198  -10.612274   -0.635162
-0.001260   -0.706511  -28.059647
0.57748   -11.528198  -10.612274   -0.635162
-0.001260   -0.340183  -34.373675
0.71832   -11.528198  -10.612274   -0.635162
-0.001260   -0.173826  -41.987269
0.85916   -11.528198  -10.612274   -0.635162
-0.001260   -0.115143  -51.223571
1.00000   -11.528198  -10.612274   -0.635162
-0.001260   -0.448194  -60.833614

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     7.424056   81.964023    0.878085
 0.003993    0.963783  159.445878
0.57748     7.424056   81.964023    0.878085
 0.003993    0.595919  133.918406
0.71832     7.424056   81.964023    0.878085
 0.003993    0.240129  117.564086
0.85916     7.424056   81.964023    0.878085
 0.003993    0.115468  115.780979
1.00000     7.424056   81.964023    0.878085
 0.003993    0.405074  128.583900

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -9.896025  -91.701575   -0.707815
-0.004537   -0.787344  -84.143629
0.57748    -9.896025  -91.701575   -0.707815
-0.004537   -0.490584  -59.186790
0.71832    -9.896025  -91.701575   -0.707815
-0.004537   -0.193730  -47.312649
0.85916    -9.896025  -91.701575   -0.707815
-0.004537   -0.441720  -44.377585
1.00000    -9.896025  -91.701575   -0.707815
-0.004537   -0.509543  -53.402648

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     0.472817   38.418540    0.271739
 0.000176    0.302574   67.360737
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3339

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.57748     0.472817   38.418540    0.271739
 0.000176    0.188659   51.813412
0.71832     0.472817   38.418540    0.271739
 0.000176    0.074758   36.652973
0.85916     0.472817   38.418540    0.271739
 0.000176    0.031894   22.248195
1.00000     0.472817   38.418540    0.271739
 0.000176    0.124109   13.470618

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -5.074435   -3.142075   -0.219886
-0.000590   -0.244707   -6.754579
0.57748    -5.074435   -3.142075   -0.219886
-0.000590   -0.152512   -5.647390
0.71832    -5.074435   -3.142075   -0.219886
-0.000590   -0.060266   -6.260628
0.85916    -5.074435   -3.142075   -0.219886
-0.000590   -0.039270   -8.908365
1.00000    -5.074435   -3.142075   -0.219886
-0.000590   -0.153240  -12.093419

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     4.482527   86.083510    0.531450
 0.004873    0.573492  204.549325
0.57748     4.482527   86.083510    0.531450
 0.004873    0.351089  171.054369
0.71832     4.482527   86.083510    0.531450
 0.004873    0.145222  147.788160
0.85916     4.482527   86.083510    0.531450
 0.004873    0.061532  139.145172
1.00000     4.482527   86.083510    0.531450
 0.004873    0.180435  134.244399

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -7.829874  -60.619785   -0.307257
-0.005110   -0.342056  -26.259656
0.57748    -7.829874  -60.619785   -0.307257
-0.005110   -0.213262   -7.320177
0.71832    -7.829874  -60.619785   -0.307257
-0.005110   -0.084365   -6.304537
0.85916    -7.829874  -60.619785   -0.307257
-0.005110   -0.096463   -8.883378
1.00000    -7.829874  -60.619785   -0.307257
-0.005110   -0.318634  -12.195507

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     4.355058   91.282849    0.771023
 0.004393    0.841545  183.611822
0.57748     4.355058   91.282849    0.771023
 0.004393    0.518643  154.190878
0.71832     4.355058   91.282849    0.771023
 0.004393    0.210635  133.948421
0.85916     4.355058   91.282849    0.771023
 0.004393    0.097340  128.129967
1.00000     4.355058   91.282849    0.771023
 0.004393    0.324786  125.969001

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664   -10.471577   -60.268550   -0.563567
-0.005241   -0.622915  -35.288592
0.57748   -10.471577   -60.268550   -0.563567
-0.005241   -0.390640  -24.408868
0.71832   -10.471577   -60.268550   -0.563567
-0.005241   -0.154236  -29.433382
0.85916   -10.471577   -60.268550   -0.563567
-0.005241   -0.129575  -37.362847
1.00000   -10.471577   -60.268550   -0.563567
-0.005241   -0.452340  -45.871828
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3340

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     9.269119   81.159168    0.884441
 0.003595    0.973565  158.001709
0.57748     9.269119   81.159168    0.884441
 0.003595    0.602985  131.664534
0.71832     9.269119   81.159168    0.884441
 0.003595    0.242162  111.730553
0.85916     9.269119   81.159168    0.884441
 0.003595    0.115504  103.574461
1.00000     9.269119   81.159168    0.884441
 0.003595    0.414038  113.056613

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -9.151156 -101.623231   -0.725729
-0.003708   -0.807428 -108.650577
0.57748    -9.151156 -101.623231   -0.725729
-0.003708   -0.503153  -77.032899
0.71832    -9.151156 -101.623231   -0.725729
-0.003708   -0.198763  -56.095830
0.85916    -9.151156 -101.623231   -0.725729
-0.003708   -0.139695  -37.293779
1.00000    -9.151156 -101.623231   -0.725729
-0.003708   -0.510265  -42.412083

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     9.085978    9.826372    0.439340
 0.001009    0.489107   11.670433
0.57748     9.085978    9.826372    0.439340
 0.001009    0.304886    7.827584
0.71832     9.085978    9.826372    0.439340
 0.001009    0.120687    4.406039
0.85916     9.085978    9.826372    0.439340
 0.001009    0.064516    3.551192
1.00000     9.085978    9.826372    0.439340
 0.001009    0.251591    3.078526

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -0.672011  -73.386865   -0.445926
-7.17E-06   -0.496352 -134.614463
0.57748    -0.672011  -73.386865   -0.445926
-7.17E-06   -0.309367 -103.885388
0.71832    -0.672011  -73.386865   -0.445926
-7.17E-06   -0.122369  -73.183363
0.85916    -0.672011  -73.386865   -0.445926
-7.17E-06   -0.063500  -42.487639
1.00000    -0.672011  -73.386865   -0.445926
-7.17E-06   -0.247782  -11.835940

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    15.449788   34.944004    0.680838
 0.007049    0.735476   88.886997
0.57748    15.449788   34.944004    0.680838
 0.007049    0.450533   77.354870
0.71832    15.449788   34.944004    0.680838
 0.007049    0.185693   78.352008
0.85916    15.449788   34.944004    0.680838
 0.007049    0.104617   98.281122
1.00000    15.449788   34.944004    0.680838
 0.007049    0.335112  119.799993

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -1.949957 -160.334992   -0.578631
-0.005710   -0.644092 -174.896813
0.57748    -1.949957 -160.334992   -0.578631
-0.005710   -0.401452 -115.544120
0.71832    -1.949957 -160.334992   -0.578631
-0.005710   -0.158771   -76.222126
0.85916    -1.949957 -160.334992   -0.578631
-0.005710   -0.122509   -39.200637
1.00000    -1.949957 -160.334992   -0.578631
-0.005710   -0.407273    -9.901575
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3341

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    13.210108   77.962437    0.836086
 0.005080    0.915710  182.892294
0.57748    13.210108   77.962437    0.836086
 0.005080    0.565498  152.489547
0.71832    13.210108   77.962437    0.836086
 0.005080    0.229093  130.799349
0.85916    13.210108   77.962437    0.836086
 0.005080    0.107970  122.350047
1.00000    13.210108   77.962437    0.836086
 0.005080    0.371318  115.802090

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -6.359219 -131.389362   -0.647730
-0.004084   -0.721057 -157.755609
0.57748    -6.359219 -131.389362   -0.647730
-0.004084   -0.449491 -107.971150
0.71832    -6.359219 -131.389362   -0.647730
-0.004084   -0.177930   -71.977774
0.85916    -6.359219 -131.389362   -0.647730
-0.004084   -0.137181   -37.617925
1.00000    -6.359219 -131.389362   -0.647730
-0.004084   -0.487264   -11.265981

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    11.298990   80.194958    0.922100
 0.004245    1.013840  159.501401
0.57748    11.298990   80.194958    0.922100
 0.004245    0.627496  131.503159
0.71832    11.298990   80.194958    0.922100
 0.004245    0.252564  111.406927
0.85916    11.298990   80.194958    0.922100
 0.004245    0.122497  103.163473
1.00000    11.298990   80.194958    0.922100
 0.004245    0.435660   99.329123

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -8.436914 -113.187092   -0.763065
-0.003920   -0.849132 -137.500226
0.57748    -8.436914 -113.187092   -0.763065
-0.003920   -0.529200   -99.476605
0.71832    -8.436914 -113.187092   -0.763065
-0.003920   -0.209184   -73.852380
0.85916    -8.436914 -113.187092   -0.763065
-0.003920   -0.146986   -50.739550
1.00000    -8.436914 -113.187092   -0.763065
-0.003920   -0.533283   -34.611374

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     0.680503   19.477230    0.709588
 9.49E-06    0.789882    3.754555
0.57748     0.680503   19.477230    0.709588
 9.49E-06    0.492370    3.553098
0.71832     0.680503   19.477230    0.709588
 9.49E-06    0.194927    5.130903
0.85916     0.680503   19.477230    0.709588
 9.49E-06    0.093510    8.958030
1.00000     0.680503   19.477230    0.709588
 9.49E-06    0.370006   13.054780

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -4.168309  -10.418511   -0.658301
-0.000777   -0.732881   -30.401352
0.57748    -4.168309  -10.418511   -0.658301
-0.000777   -0.456759   -35.002956
0.71832    -4.168309  -10.418511   -0.658301
-0.000777   -0.179533   -41.236733
0.85916    -4.168309  -10.418511   -0.658301
-0.000777   -0.103075   -49.013498
1.00000    -4.168309  -10.418511   -0.658301
-0.000777   -0.400409   -56.871287
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3342

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     1.063010   45.364221    1.190220
 0.000240    1.325946   32.225102
0.57748     1.063010   45.364221    1.190220
 0.000240    0.826939   23.545615
0.71832     1.063010   45.364221    1.190220
 0.000240    0.328324   17.350498
0.85916     1.063010   45.364221    1.190220
 0.000240    0.149305   15.887832
1.00000     1.063010   45.364221    1.190220
 0.000240    0.587433   19.879104

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -8.364022  -16.176456   -1.043973
-0.001439   -1.161687  -37.355456
0.57748    -8.364022  -16.176456   -1.043973
-0.001439   -0.723308   -42.980492
0.71832    -8.364022  -16.176456   -1.043973
-0.001439   -0.284204   -51.815580
0.85916    -8.364022  -16.176456   -1.043973
-0.001439   -0.171479   -64.003658
1.00000    -8.364022  -16.176456   -1.043973
-0.001439   -0.670633   -78.996371

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     1.167530   90.908818    1.367326
 7.28E-05    0.951954  173.193016
0.57748     1.167530   90.908818    1.367326
 7.28E-05    0.951954  144.640872
0.71832     1.167530   90.908818    1.367326
 7.28E-05    0.378617  118.050819
0.85916     1.167530   90.908818    1.367326
 7.28E-05    0.158593   95.293276
1.00000     1.167530   90.908818    1.367326
 7.28E-05    0.627813   76.336785

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664   -10.992362  -14.523003   -1.118190
-0.001188   -1.243940  -34.680184
0.57748   -10.992362  -14.523003   -1.118190
-0.001188   -0.774407   -39.896446
0.71832   -10.992362  -14.523003   -1.118190
-0.001188   -0.304644   -47.432913
0.85916   -10.992362  -14.523003   -1.118190
-0.001188   -0.162232   -57.838495
1.00000   -10.992362  -14.523003   -1.118190
-0.001188   -0.769517   -70.049154

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     6.789740   82.679550    1.489883
 0.003192    1.649582  166.457333
0.57748     6.789740   82.679550    1.489883
 0.003192    1.026248  142.239564
0.71832     6.789740   82.679550    1.489883
 0.003192    0.411190  126.982342
0.85916     6.789740   82.679550    1.489883
 0.003192    0.186996  126.915242
1.00000     6.789740   82.679550    1.489883
 0.003192    0.699329  139.312834

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -9.453100  -83.625456   -1.222357
-0.003717   -1.357781   -83.016819
0.57748    -9.453100  -83.625456   -1.222357
-0.003717   -0.845359   -59.421120
0.71832    -9.453100  -83.625456   -1.222357
-0.003717   -0.333365   -49.953015
0.85916    -9.453100  -83.625456   -1.222357
-0.003717   -0.226121   -50.180598
1.00000    -9.453100  -83.625456   -1.222357
-0.003717   -0.850192   -62.011691
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3343

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     0.507829   36.163458    0.488804
 0.000188    0.546006   66.200680
0.57748     0.507829   36.163458    0.488804
 0.000188    0.341094   51.529725
0.71832     0.507829   36.163458    0.488804
 0.000188    0.136311   37.319509
0.85916     0.507829   36.163458    0.488804
 0.000188    0.052450   24.557113
1.00000     0.507829   36.163458    0.488804
 0.000188    0.207058   15.355432

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -4.945770   -3.586520   -0.368567
-0.000493   -0.409824   -6.706166
0.57748    -4.945770   -3.586520   -0.368567
-0.000493   -0.254652   -6.312803
0.71832    -4.945770   -3.586520   -0.368567
-0.000493   -0.100100   -6.737647
0.85916    -4.945770   -3.586520   -0.368567
-0.000493   -0.069585   -8.311221
1.00000    -4.945770   -3.586520   -0.368567
-0.000493   -0.274128  -11.662383

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     4.081535   79.998919    0.812525
 0.004234    0.889207  207.996332
0.57748     4.081535   79.998919    0.812525
 0.004234    0.550631  177.209182
0.71832     4.081535   79.998919    0.812525
 0.004234    0.224516  155.649984
0.85916     4.081535   79.998919    0.812525
 0.004234    0.099471  146.462921
1.00000     4.081535   79.998919    0.812525
 0.004234    0.333782  140.878860

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -7.242392   -52.857253   -0.560789
-0.004434   -0.619119   -26.396787
0.57748    -7.242392   -52.857253   -0.560789
-0.004434   -0.384939    -7.506596
0.71832    -7.242392   -52.857253   -0.560789
-0.004434   -0.152079    -6.576900
0.85916    -7.242392   -52.857253   -0.560789
-0.004434   -0.135280    -8.334329
1.00000    -7.242392   -52.857253   -0.560789
-0.004434   -0.475146   -11.976084

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     3.958543   89.477867    1.282391
 0.003817    1.414141  186.977625
0.57748     3.958543   89.477867    1.282391
 0.003817    0.878215  160.086086
0.71832     3.958543   89.477867    1.282391
 0.003817    0.353824  142.114361
0.85916     3.958543   89.477867    1.282391
 0.003817    0.159323  137.290859
1.00000     3.958543   89.477867    1.282391
 0.003817    0.575699  135.315175

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -9.940474   -55.097376   -0.994175
-0.004598   -1.101828   -38.698657
0.57748    -9.940474   -55.097376   -0.994175
-0.004598   -0.685688   -26.890608
0.71832    -9.940474   -55.097376   -0.994175
-0.004598   -0.270243   -31.974015
0.85916    -9.940474   -55.097376   -0.994175
-0.004598   -0.201458   -40.934486
1.00000    -9.940474   -55.097376   -0.994175
-0.004598   -0.738050   -51.204630
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3344

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     8.346922   80.980979    1.492848
 0.002954    1.655157  161.135544
0.57748     8.346922   80.980979    1.492848
 0.002954    1.030845  136.125311
0.71832     8.346922   80.980979    1.492848
 0.002954    0.412753  117.853157
0.85916     8.346922   80.980979    1.492848
 0.002954    0.183275  111.222071
1.00000     8.346922   80.980979    1.492848
 0.002954    0.691319  123.161670

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -8.649502   -93.940820   -1.211792
-0.003084   -1.346061  -103.125342
0.57748    -8.649502   -93.940820   -1.211792
-0.003084   -0.838235    -73.113979
0.71832    -8.649502   -93.940820   -1.211792
-0.003084   -0.330589    -54.447009
0.85916    -8.649502   -93.940820   -1.211792
-0.003084   -0.223735    -41.002946
1.00000    -8.649502   -93.940820   -1.211792
-0.003084   -0.848244    -48.650315

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664     8.263977   12.190102    0.732868
 0.000936    0.816692   12.911551
0.57748     8.263977   12.190102    0.732868
 0.000936    0.510124    8.096285
0.71832     8.263977   12.190102    0.732868
 0.000936    0.202796    4.779365
0.85916     8.263977   12.190102    0.732868
 0.000936    0.093653    4.030379
1.00000     8.263977   12.190102    0.732868
 0.000936    0.367749    3.661433

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -0.607956   -70.855153   -0.652777
-4.22E-06   -0.726932  -132.817128
0.57748    -0.607956   -70.855153   -0.652777
-4.22E-06   -0.453180  -103.322484
0.71832    -0.607956   -70.855153   -0.652777
-4.22E-06   -0.179301   -75.228862
0.85916    -0.607956   -70.855153   -0.652777
-4.22E-06   -0.104013   -48.830025
1.00000    -0.607956   -70.855153   -0.652777
-4.22E-06   -0.409989   -22.579972

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.43664    14.404617   35.965690    1.083603
 0.006998    1.181955   94.903720
0.57748    14.404617   35.965690    1.083603
 0.006998    0.731372   83.489821
0.71832    14.404617   35.965690    1.083603
 0.006998    0.296559   86.274774
0.85916    14.404617   35.965690    1.083603
 0.006998    0.157440  107.469126
1.00000    14.404617   35.965690    1.083603
 0.006998    0.533914  130.130165

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.43664    -1.674960  -153.921484   -0.899315
```

-0.005740 -0.996100 -172.375445
0.57748 -1.674960 -153.921484 -0.899315
-0.005740 -0.620731 -111.150449
0.71832 -1.674960 -153.921484 -0.899315
-0.005740 -0.246528 -75.874300
0.85916 -1.674960 -153.921484 -0.899315
-0.005740 -0.181564 -44.957471
1.00000 -1.674960 -153.921484 -0.899315
-0.005740 -0.633989 -16.908425
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43664 12.424744 72.314669 1.317651
0.005228 1.451182 181.374348
0.57748 12.424744 72.314669 1.317651
0.005228 0.901774 153.903552
0.71832 12.424744 72.314669 1.317651
0.005228 0.364397 136.972001
0.85916 12.424744 72.314669 1.317651
0.005228 0.168852 133.730970
1.00000 12.424744 72.314669 1.317651
0.005228 0.604711 131.864247

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43664 -5.603675 -128.078617 -1.040813
-0.004312 -1.154209 -154.365234
0.57748 -5.603675 -128.078617 -1.040813
-0.004312 -0.719179 -103.158460
0.71832 -5.603675 -128.078617 -1.040813
-0.004312 -0.284456 -70.886951
0.85916 -5.603675 -128.078617 -1.040813
-0.004312 -0.207521 -42.066311
1.00000 -5.603675 -128.078617 -1.040813
-0.004312 -0.758120 -16.124512

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43664 10.641997 78.135208 1.537080
0.004376 1.698998 158.988448
0.57748 10.641997 78.135208 1.537080
0.004376 1.057020 133.047718
0.71832 10.641997 78.135208 1.537080
0.004376 0.425093 117.019727
0.85916 10.641997 78.135208 1.537080
0.004376 0.193854 114.149185
1.00000 10.641997 78.135208 1.537080
0.004376 0.713338 114.622123

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43664 -7.933270 -111.674672 -1.239581
-0.004071 -1.375777 -136.454635
0.57748 -7.933270 -111.674672 -1.239581
-0.004071 -0.857001 -97.036507
0.71832 -7.933270 -111.674672 -1.239581
-0.004071 -0.338307 -74.409724
0.85916 -7.933270 -111.674672 -1.239581
-0.004071 -0.235649 -56.189638
1.00000 -7.933270 -111.674672 -1.239581
-0.004071 -0.878561 -41.358576

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43664 15.449788 91.771136 0.922100
0.007049 1.013840 204.549325
0.57748 15.449788 91.771136 0.922100
0.007049 0.627096 171.054869
0.71832 15.449788 91.771136 0.922100
0.007049 0.252564 147.788160
0.85916 15.449788 91.771136 0.922100
0.007049 0.122497 139.145172
1.00000 15.449788 91.771136 0.922100
0.007049 0.435660 134.244399

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43664 -11.528198 -160.334992 -0.763065
-0.005710 -1.349132 -174.896813
0.57748 -11.528198 -160.334992 -0.763065
-0.005710 -0.529200 -115.544120
0.71832 -11.528198 -160.334992 -0.763065
-0.005710 -0.209184 -76.222126
0.85916 -11.528198 -160.334992 -0.763065
-0.005710 -0.146986 -56.414129
1.00000 -11.528198 -160.334992 -0.763065
-0.005710 -0.533283 -68.341052
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43664 14.404617 90.908818 1.537080
0.006998 1.698998 207.996332
0.57748 14.404617 90.908818 1.537080
0.006998 1.057020 177.209182
0.71832 14.404617 90.908818 1.537080
0.006998 0.425093 155.649984
0.85916 14.404617 90.908818 1.537080
0.006998 0.193854 146.462921
1.00000 14.404617 90.908818 1.537080
0.006998 0.713338 140.878860

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43664 -10.992362 -153.921484 -1.239581
-0.005740 -1.375777 -172.375445
0.57748 -10.992362 -153.921484 -1.239581
-0.005740 -0.857001 -115.544120
0.71832 -10.992362 -153.921484 -1.239581
-0.005740 -0.338307 -75.874300
0.85916 -10.992362 -153.921484 -1.239581
-0.005740 -0.235649 -64.003658
1.00000 -10.992362 -153.921484 -1.239581
-0.005740 -0.878561 -78.996371

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43664 15.449788 91.771136 1.537080
0.007049 1.698998 207.996332
0.57748 15.449788 91.771136 1.537080
0.007049 1.057020 177.209182
0.71832 15.449788 91.771136 1.537080
0.007049 0.425093 155.649984
0.85916 15.449788 91.771136 1.537080
0.007049 0.193854 146.462921
1.00000 15.449788 91.771136 1.537080
0.007049 0.713338 140.878860

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43664 -11.528198 -160.334992 -1.239581
-0.005740 -1.375777 -174.896813
0.57748 -11.528198 -160.334992 -1.239581
-0.005740 -0.857001 -115.544120
0.71832 -11.528198 -160.334992 -1.239581
-0.005740 -0.338307 -76.222126
0.85916 -11.528198 -160.334992 -1.239581
-0.005740 -0.235649 -64.003658
1.00000 -11.528198 -160.334992 -1.239581
-0.005740 -0.878561 -78.996371
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 315 ========== LENGTH = 2.977259

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.543756 15.447497 0.379419
6.80E-06 0.212717 8.260411
0.14084 0.543756 15.447497 0.379419
6.80E-06 0.053581 11.344371
0.28168 0.543756 15.447497 0.379419
6.80E-06 0.103829 14.487753
0.42252 0.543756 15.447497 0.379419
6.80E-06 0.261060 17.684726
0.56336 0.543756 15.447497 0.379419
6.80E-06 0.418275 20.896804

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.120471 -7.687390 -0.374935
-0.000509 -0.210602 -47.708447
0.14084 -4.120471 -7.687390 -0.374935
-0.000509 -0.053370 -53.957807
0.28168 -4.120471 -7.687390 -0.374935
-0.000509 -0.105497 -60.256851
0.42252 -4.120471 -7.687390 -0.374935
-0.000509 -0.264583 -66.564365
0.56336 -4.120471 -7.687390 -0.374935
-0.000509 -0.423677 -72.901077

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.768268 40.918474 0.621232
0.000185 0.348790 14.866950
0.14084 0.768268 40.918474 0.621232
0.000185 0.088284 17.766927
0.28168 0.768268 40.918474 0.621232
0.000185 0.168255 21.108047
0.42252 0.768268 40.918474 0.621232
0.000185 0.423119 25.069214
0.56336 0.768268 40.918474 0.621232
0.000185 0.677952 29.688020

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.288676 -11.408461 -0.607744
-0.001126 -0.341781 -68.367376
0.14084 -8.288676 -11.408461 -0.607744
-0.001126 -0.087208 -82.814183
0.28168 -8.288676 -11.408461 -0.607744
-0.001126 -0.172923 -97.506069
0.42252 -8.288676 -11.408461 -0.607744
-0.001126 -0.432781 -112.580853
0.56336 -8.288676 -11.408461 -0.607744
-0.001126 -0.693240 -128.727441

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.901137 90.678683 0.765366
0.000214 0.426586 59.408666
0.14084 0.901137 90.678683 0.765366
0.000214 0.105885 43.622547
0.28168 0.901137 90.678683 0.765366
0.000214 0.175087 42.045724
0.42252 0.901137 90.678683 0.765366
0.000214 0.440775 43.837547
0.56336 0.901137 90.678683 0.765366
0.000214 0.706439 46.757417

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.385772 -10.452426 -0.633562
-0.001258 -0.356232 -60.848540
0.14084 -11.385772 -10.452426 -0.633562
-0.001258 -0.090531 -70.397548
0.28168 -11.385772 -10.452426 -0.633562
-0.001258 -0.215678 -84.109886
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42252 -11.385772 -10.452426 -0.633562
-0.001258 -0.536407 -120.207801
0.56336 -11.385772 -10.452426 -0.633562
-0.001258 -0.857215 -157.891760

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.163737 115.460178 0.855686
0.003920 0.492014 128.757917
0.14084 5.163737 115.460178 0.855686
0.003920 0.133947 117.544143
0.28168 5.163737 115.460178 0.855686
0.003920 0.195021 117.842484
0.42252 5.163737 115.460178 0.855686
0.003920 0.490469 129.805769
0.56336 5.163737 115.460178 0.855686
0.003920 0.785884 150.205855

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.611583 -55.107697 -0.704534
-0.004494 -0.403313 -53.408249
0.14084 -11.611583 -55.107697 -0.704534
-0.004494 -0.113750 -62.841897
0.28168 -11.611583 -55.107697 -0.704534
-0.004494 -0.238844 -76.075260
0.42252 -11.611583 -55.107697 -0.704534
-0.004494 -0.585435 -107.345148
0.56336 -11.611583 -55.107697 -0.704534
-0.004494 -0.943642 -147.875044

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.478858 37.963426 0.257496
8.77E-06 0.143045 13.463148
0.14084 0.478858 37.963426 0.257496
8.77E-06 0.035270 9.868484
0.28168 0.478858 37.963426 0.257496
8.77E-06 0.060462 9.310763
0.42252 0.478858 37.963426 0.257496
8.77E-06 0.152375 9.531671
0.56336 0.478858 37.963426 0.257496
8.77E-06 0.244243 9.971710

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.022735 -3.029689 -0.219100
-0.000511 -0.123245 -12.097579
0.14084 -5.022735 -3.029689 -0.219100
-0.000511 -0.031363 -15.861719
0.28168 -5.022735 -3.029689 -0.219100
-0.000511 -0.073147 -30.240018
0.42252 -5.022735 -3.029689 -0.219100
-0.000511 -0.181017 -45.365816
0.56336 -5.022735 -3.029689 -0.219100
-0.000511 -0.288929 -61.024987

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.343366 132.142445 0.507892
0.005016 0.301697 134.495949
0.14084 1.343366 132.142445 0.507892
0.005016 0.089670 92.716884
0.28168 1.343366 132.142445 0.507892
0.005016 0.084633 66.145306
0.42252 1.343366 132.142445 0.507892
0.005016 0.213267 55.324268
0.56336 1.343366 132.142445 0.507892
0.005016 0.341878 55.871497

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.237744 -10.002912 -0.306720
-0.005509 -0.182644 -12.192569
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14084 -10.237744 -10.002912 -0.306720
-0.005509 -0.062330 -15.585856
0.28168 -10.237744 -10.002912 -0.306720
-0.005509 -0.142551 -24.081899
0.42252 -10.237744 -10.002912 -0.306720
-0.005509 -0.338809 -56.301153
0.56336 -10.237744 -10.002912 -0.306720
-0.005509 -0.550977 -101.119519

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.524144 132.795986 0.746327
0.004533 0.433617 126.202903
0.14084 1.524144 132.795986 0.746327
0.004533 0.121592 90.873652
0.28168 1.524144 132.795986 0.746327
0.004533 0.155143 69.208819
0.42252 1.524144 132.795986 0.746327
0.004533 0.390496 61.729539
0.56336 1.524144 132.795986 0.746327
0.004533 0.625794 64.516806

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.614018 -14.466827 -0.561158
-0.005376 -0.324688 -45.880328
0.14084 -12.614018 -14.466827 -0.561158
-0.005376 -0.096647 -54.419171
0.28168 -12.614018 -14.466827 -0.561158
-0.005376 -0.220601 -65.651222
0.42252 -12.614018 -14.466827 -0.561158
-0.005376 -0.506496 -102.695411
0.56336 -12.614018 -14.466827 -0.561158
-0.005376 -0.818719 -148.755171

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.483452 108.233701 0.862388
0.003544 0.493115 113.180939
0.14084 7.483452 108.233701 0.862388
0.003544 0.132094 112.110495
0.28168 7.483452 108.233701 0.862388
0.003544 0.199835 122.956008
0.42252 7.483452 108.233701 0.862388
0.003544 0.502567 143.869958
0.56336 7.483452 108.233701 0.862388
0.003544 0.805244 171.704217

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.526480 -72.199273 -0.721838
-0.003728 -0.411557 -42.412298
0.14084 -10.526480 -72.199273 -0.721838
-0.003728 -0.113616 -51.456481
0.28168 -10.526480 -72.199273 -0.721838
-0.003728 -0.240857 -64.457548
0.42252 -10.526480 -72.199273 -0.721838
-0.003728 -0.592549 -95.687110
0.56336 -10.526480 -72.199273 -0.721838
-0.003728 -0.953650 -134.669332

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.165657 9.920373 0.437594
0.001017 0.245599 3.075432
0.14084 9.165657 9.920373 0.437594
0.001017 0.062034 20.789051
0.28168 9.165657 9.920373 0.437594
0.001017 0.122920 51.468412
0.42252 9.165657 9.920373 0.437594
0.001017 0.308754 82.366795
0.56336 9.165657 9.920373 0.437594
0.001017 0.494575 113.349768
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.663857 -74.033118 -0.443150
-0.000136 -0.248716 -11.868582
0.14084 -0.663857 -74.033118 -0.443150
-0.000136 -0.062871 -11.132385
0.28168 -0.663857 -74.033118 -0.443150
-0.000136 -0.121397 -14.453436
0.42252 -0.663857 -74.033118 -0.443150
-0.000136 -0.304876 -18.013242
0.56336 -0.663857 -74.033118 -0.443150
-0.000136 -0.488364 -22.007881

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.706418 92.121057 0.677776
0.007000 0.403548 120.131921
0.14084 11.706418 92.121057 0.677776
0.007000 0.120290 121.916691
0.28168 11.706418 92.121057 0.677776
0.007000 0.159495 130.759325
0.42252 11.706418 92.121057 0.677776
0.007000 0.400384 156.281829
0.56336 11.706418 92.121057 0.677776
0.007000 0.641236 194.968527

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.980154 -99.606241 -0.574364
-0.005897 -0.334614 -9.883936
0.14084 -4.980154 -99.606241 -0.574364
-0.005897 -0.103605 -14.468571
0.28168 -4.980154 -99.606241 -0.574364
-0.005897 -0.186450 -19.145612
0.42252 -4.980154 -99.606241 -0.574364
-0.005897 -0.450529 -26.523361
0.56336 -4.980154 -99.606241 -0.574364
-0.005897 -0.733919 -51.588543

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.680515 116.606264 0.813023
0.005171 0.469740 116.604324
0.14084 10.680515 116.606264 0.813023
0.005171 0.129749 113.202129
0.28168 10.680515 116.606264 0.813023
0.005171 0.178553 124.869920
0.42252 10.680515 116.606264 0.813023
0.005171 0.449000 149.890176
0.56336 10.680515 116.606264 0.813023
0.005171 0.719427 184.474135

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.364244 -89.933356 -0.644937
-0.004511 -0.370872 -11.247800
0.14084 -8.364244 -89.933356 -0.644937
-0.004511 -0.107186 -14.857474
0.28168 -8.364244 -89.933356 -0.644937
-0.004511 -0.227258 -23.770297
0.42252 -8.364244 -89.933356 -0.644937
-0.004511 -0.554199 -53.786608
0.56336 -8.364244 -89.933356 -0.644937
-0.004511 -0.894430 -93.970806

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.211519 111.900665 0.901328
0.004284 0.517018 99.502698
0.14084 9.211519 111.900665 0.901328
0.004284 0.139759 98.837316
0.28168 9.211519 111.900665 0.901328
0.004284 0.210167 110.338425
0.42252 9.211519 111.900665 0.901328
0.004284 0.528434 132.758090
0.56336 9.211519 111.900665 0.901328
0.004284 0.846677 163.198922
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.066022 -78.854957 -0.758966
-0.004092 -0.433399 -34.607045
0.14084 -10.066022 -78.854957 -0.758966
-0.004092 -0.120723 -43.388361
0.28168 -10.066022 -78.854957 -0.758966
-0.004092 -0.251396 -56.111789
0.42252 -10.066022 -78.854957 -0.758966
-0.004092 -0.617790 -86.766951
0.56336 -10.066022 -78.854957 -0.758966
-0.004092 -0.995170 -126.282804

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.655839 19.306245 0.690792
3.97E-06 0.385831 13.070282
0.14084 0.655839 19.306245 0.690792
3.97E-06 0.095532 17.285655
0.28168 0.655839 19.306245 0.690792
3.97E-06 0.182027 21.536848
0.42252 0.655839 19.306245 0.690792
3.97E-06 0.468568 25.816946
0.56336 0.655839 19.306245 0.690792
3.97E-06 0.742140 30.108108

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.126266 -10.263517 -0.666175
-0.000477 -0.373970 -56.890596
0.14084 -4.126266 -10.263517 -0.666175
-0.000477 -0.094730 -64.775496
0.28168 -4.126266 -10.263517 -0.666175
-0.000477 -0.193833 -72.725279
0.42252 -4.126266 -10.263517 -0.666175
-0.000477 -0.483451 -80.716315
0.56336 -4.126266 -10.263517 -0.666175
-0.000477 -0.773076 -88.732315

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.970406 45.888919 1.176411
0.000112 0.658900 19.907282
0.14084 0.970406 45.888919 1.176411
0.000112 0.165332 24.601454
0.28168 0.970406 45.888919 1.176411
0.000112 0.286766 29.874991
0.42252 0.970406 45.888919 1.176411
0.000112 0.726412 35.572435
0.56336 0.970406 45.888919 1.176411
0.000112 1.165290 41.535072

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.359834 -14.843362 -1.045403
-0.000983 -0.585985 -79.031186
0.14084 -8.359834 -14.843362 -1.045403
-0.000983 -0.147759 -95.533595
0.28168 -8.359834 -14.843362 -1.045403
-0.000983 -0.328426 -112.576665
0.42252 -8.359834 -14.843362 -1.045403
-0.000983 -0.821359 -130.591548
0.56336 -8.359834 -14.843362 -1.045403
-0.000983 -1.314565 -149.278322

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.155764 89.921432 1.349660
0.000209 0.755220 76.333293
0.14084 1.155764 89.921432 1.349660
0.000209 0.189406 61.670667
0.28168 1.155764 89.921432 1.349660
0.000209 0.306995 53.879576
0.42252 1.155764 89.921432 1.349660
0.000209 0.777157 54.336840
0.56336 1.155764 89.921432 1.349660
0.000209 1.247144 54.573290
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3352

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.880406 -14.346324 -1.119438
-0.001125 -0.626455 -70.071707
0.14084 -10.880406 -14.346324 -1.119438
-0.001125 -0.157445 -82.368960
0.28168 -10.880406 -14.346324 -1.119438
-0.001125 -0.378130 -98.553435
0.42252 -10.880406 -14.346324 -1.119438
-0.001125 -0.944120 -131.257586
0.56336 -10.880406 -14.346324 -1.119438
-0.001125 -1.509616 -166.525565

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.109162 107.815972 1.479593
0.003086 0.840483 139.313609
0.14084 5.109162 107.815972 1.479593
0.003086 0.220929 132.422378
0.28168 5.109162 107.815972 1.479593
0.003086 0.336618 131.248991
0.42252 5.109162 107.815972 1.479593
0.003086 0.850167 143.304780
0.56336 5.109162 107.815972 1.479593
0.003086 1.364185 162.833090

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.823170 -56.510330 -1.227152
-0.003598 -0.700092 -62.020171
0.14084 -10.823170 -56.510330 -1.227152
-0.003598 -0.183637 -74.127880
0.28168 -10.823170 -56.510330 -1.227152
-0.003598 -0.412043 -89.666124
0.42252 -10.823170 -56.510330 -1.227152
-0.003598 -1.023202 -118.674960
0.56336 -10.823170 -56.510330 -1.227152
-0.003598 -1.641938 -158.274439

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.513653 35.830790 0.492470
4.92E-06 0.054642 15.351853
0.14084 0.513653 35.830790 0.492470
4.92E-06 0.070519 9.751706
0.28168 0.513653 35.830790 0.492470
4.92E-06 0.100167 9.288512
0.42252 0.513653 35.830790 0.492470
4.92E-06 0.251767 9.782578
0.56336 0.513653 35.830790 0.492470
4.92E-06 0.404281 10.591162

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.922665 -3.467783 -0.362269
-0.000442 -0.201800 -11.668176
0.14084 -4.922665 -3.467783 -0.362269
-0.000442 -0.050057 -17.230279
0.28168 -4.922665 -3.467783 -0.362269
-0.000442 -0.137166 -29.878522
0.42252 -4.922665 -3.467783 -0.362269
-0.000442 -0.343462 -43.951750
0.56336 -4.922665 -3.467783 -0.362269
-0.000442 -0.549845 -58.422280

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.488569 118.649131 0.812708
0.004334 0.474604 140.889626
0.14084 1.488569 118.649131 0.812708
0.004334 0.135209 102.675242
0.28168 1.488569 118.649131 0.812708
0.004334 0.152578 72.087941
0.42252 1.488569 118.649131 0.812708
0.004334 0.383663 60.276656
0.56336 1.488569 118.649131 0.812708
0.004334 0.616433 59.228789
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3353

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.400585 -10.964209 -0.558131
-0.004717 -0.030961 -11.972042
0.14084 -9.400585 -10.964209 -0.558131
-0.004717 -0.098289 -15.915671
0.28168 -9.400585 -10.964209 -0.558131
-0.004717 -0.225101 -25.365542
0.42252 -9.400585 -10.964209 -0.558131
-0.004717 -0.551712 -51.852981
0.56336 -9.400585 -10.964209 -0.558131
-0.004717 -0.889910 -93.844416

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.608430 124.280289 1.274103
0.003922 0.730693 135.338166
0.14084 1.608430 124.280289 1.274103
0.003922 0.197265 103.804517
0.28168 1.608430 124.280289 1.274103
0.003922 0.271767 79.217082
0.42252 1.608430 124.280289 1.274103
0.003922 0.685645 71.625554
0.56336 1.608430 124.280289 1.274103
0.003922 1.100567 73.739975

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.865191 -17.082163 -0.991823
-0.004638 -0.572090 -51.214911
0.14084 -11.865191 -17.082163 -0.991823
-0.004638 -0.157437 -61.719780
0.28168 -11.865191 -17.082163 -0.991823
-0.004638 -0.354279 -77.350007
0.42252 -11.865191 -17.082163 -0.991823
-0.004638 -0.875751 -108.523485
0.56336 -11.865191 -17.082163 -0.991823
-0.004638 -1.407609 -153.520095

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.991607 101.805169 1.492998
0.002881 0.846026 123.145630
0.14084 6.991607 101.805169 1.492998
0.002881 0.221498 124.737487
0.28168 6.991607 101.805169 1.492998
0.002881 0.333043 132.250473
0.42252 6.991607 101.805169 1.492998
0.002881 0.840032 152.061890
0.56336 6.991607 101.805169 1.492998
0.002881 1.347528 178.395985

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.787822 -71.679812 -1.211381
-0.003025 -0.688531 -48.649236
0.14084 -9.787822 -71.679812 -1.211381
-0.003025 -0.181293 -59.933926
0.28168 -9.787822 -71.679812 -1.211381
-0.003025 -0.415146 -75.535780
0.42252 -9.787822 -71.679812 -1.211381
-0.003025 -1.033664 -104.250354
0.56336 -9.787822 -71.679812 -1.211381
-0.003025 -1.657630 -142.031135

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.327369 12,280638 0.745879
0.000946 0.417415 3.656824
0.14084 8.327369 12,280639 0.745879
0.000946 0.105895 20.336372
0.28168 8.327369 12.280638 0.745879
0.000946 0.180682 49.317954
0.42252 8.327369 12.280638 0.745879
0.000946 0.454366 78.701340
0.56336 8.327369 12.280638 0.745879
0.000946 0.727909 108.344422
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3354

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.609785 -71.415343 -0.652273
-0.000123 -0.365835 -22.600949
0.14084 -0.609785 -71.415343 -0.652273
-0.000123 -0.092051 -17.401232
0.28168 -0.609785 -71.415343 -0.652273
-0.000123 -0.206292 -21.381220
0.42252 -0.609785 -71.415343 -0.652273
-0.000123 -0.519165 -25.907185
0.56336 -0.609785 -71.415343 -0.652273
-0.000123 -0.831189 -30.828358

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.784887 91.860917 1.097929
0.006903 0.641439 130.164983
0.14084 10.784887 91.860917 1.097929
0.006903 0.183137 130.894116
0.28168 10.784887 91.860917 1.097929
0.006903 0.248942 137.596953
0.42252 10.784887 91.860917 1.097929
0.006903 0.624618 159.710011
0.56336 10.784887 91.860917 1.097929
0.006903 1.001587 194.359167

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.821124 -95.288805 -0.904055
-0.005858 -0.534944 -16.902658
0.14084 -4.821124 -95.288805 -0.904055
-0.005858 -0.156798 -20.645911
0.28168 -4.821124 -95.288805 -0.904055
-0.005858 -0.300749 -26.641826
0.42252 -4.821124 -95.288805 -0.904055
-0.005858 -0.742190 -35.722700
0.56336 -4.821124 -95.288805 -0.904055
-0.005858 -1.198241 -65.476526

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.843955 112.191407 1.328078
0.005283 0.763100 128.408808
0.14084 9.843955 112.191407 1.328078
0.005283 0.208335 125.434655
0.28168 9.843955 112.191407 1.328078
0.005283 0.286328 128.112678
0.42252 9.843955 112.191407 1.328078
0.005283 0.720446 148.642866
0.56336 9.843955 112.191407 1.328078
0.005283 1.155220 179.556256

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.829708 -85.913107 -1.040871
-0.004599 -0.602476 -16.117339
0.14084 -7.829708 -85.913107 -1.040871
-0.004599 -0.167331 -19.575356
0.28168 -7.829708 -85.913107 -1.040871
-0.004599 -0.367978 -30.536237
0.42252 -7.829708 -85.913107 -1.040871
-0.004599 -0.810115 -51.104028
0.56336 -7.829708 -85.913107 -1.040871
-0.004599 -1.463452 -94.832879

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.504127 111.011628 1.545845
0.004387 0.881837 114.638737
0.14084 8.504127 111.011628 1.545845
0.004387 0.235484 111.533791
0.28168 8.504127 111.011628 1.545845
0.004387 0.340305 115.897723
0.42252 8.504127 111.011628 1.545845
0.004387 0.857142 135.082350
0.56336 8.504127 111.011628 1.545845
0.004387 1.374194 162.921960
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3355

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.763166 -76.616796 -1.236218
-0.004147 -0.708355 -41.367515
0.14084 -9.763166 -76.616796 -1.236218
-0.004147 -0.191017 -51.109534
0.28168 -9.763166 -76.616796 -1.236218
-0.004147 -0.428774 -66.905210
0.42252 -9.763166 -76.616796 -1.236218
-0.004147 -1.064713 -94.407912
0.56336 -9.763166 -76.616796 -1.236218
-0.004147 -1.709944 -134.667958

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.706418 132.795986 0.901328
0.007000 0.517018 134.495949
0.14084 11.706418 132.795986 0.901328
0.007000 0.139759 121.916691
0.28168 11.706418 132.795986 0.901328
0.007000 0.210167 130.759325
0.42252 11.706418 132.795986 0.901328
0.007000 0.528434 156.281829
0.56336 11.706418 132.795986 0.901328
0.007000 0.846677 194.968527

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.614018 -99.606241 -0.758966
-0.005897 -0.433399 -68.367376
0.14084 -12.614018 -99.606241 -0.758966
-0.005897 -0.120723 -82.814183
0.28168 -12.614018 -99.606241 -0.758966
-0.005897 -0.251396 -97.506069
0.42252 -12.614018 -99.606241 -0.758966
-0.005897 -0.617790 -120.207801
0.56336 -12.614018 -99.606241 -0.758966
-0.005897 -0.995170 -157.891760

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.784887 124.280289 1.545845
0.006903 0.881837 140.889626
0.14084 10.784887 124.280289 1.545845
0.006903 0.235484 132.422378
0.28168 10.784887 124.280289 1.545845
0.006903 0.340305 137.596953
0.42252 10.784887 124.280289 1.545845
0.006903 0.857142 159.710011
0.56336 10.784887 124.280289 1.545845
0.006903 1.374194 194.359167

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.865191 -95.288805 -1.236218
-0.005858 -0.708355 -79.031186
0.14084 -11.865191 -95.288805 -1.236218
-0.005858 -0.191017 -95.533595
0.28168 -11.865191 -95.288805 -1.236218
-0.005858 -0.428774 -112.576665
0.42252 -11.865191 -95.288805 -1.236218
-0.005858 -1.064713 -131.257586
0.56336 -11.865191 -95.288805 -1.236218
-0.005858 -1.709944 -166.525565

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.706418 132.795986 1.545845
0.007000 0.881837 140.889626
0.14084 11.706418 132.795986 1.545845
0.007000 0.235484 132.422378
0.28168 11.706418 132.795986 1.545845
0.007000 0.340305 137.596953
0.42252 11.706418 132.795986 1.545845
0.007000 0.857142 159.710011
0.56336 11.706418 132.795986 1.545845
0.007000 1.374194 194.968527
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3356

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.614018 -99.606241 -1.236218
-0.005897 -0.708355 -79.031186
0.14084 -12.614018 -99.606241 -1.236218
-0.005897 -0.191017 -95.533595
0.28168 -12.614018 -99.606241 -1.236218
-0.005897 -0.428774 -112.576665
0.42252 -12.614018 -99.606241 -1.236218
-0.005897 -1.064713 -131.257586
0.56336 -12.614018 -99.606241 -1.236218
-0.005897 -1.709944 -166.525565

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.706418 132.795986 1.545845
0.007000 0.881837 140.889626
0.14084 11.706418 132.795986 1.545845
0.007000 0.235484 132.422378
0.28168 11.706418 132.795986 1.545845
0.007000 0.340305 137.596953
0.42252 11.706418 132.795986 1.545845
0.007000 0.857142 159.710011
0.56336 11.706418 132.795986 1.545845
0.007000 1.374194 194.968527

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.614018 -99.606241 -1.236218
-0.005897 -0.708355 -79.031186
0.14084 -12.614018 -99.606241 -1.236218
-0.005897 -0.191017 -95.533595
0.28168 -12.614018 -99.606241 -1.236218
-0.005897 -0.428774 -112.576665
0.42252 -12.614018 -99.606241 -1.236218
-0.005897 -1.064713 -131.257586
0.56336 -12.614018 -99.606241 -1.236218
-0.005897 -1.709944 -166.525565

ELEM 316 ========== LENGTH
= 2.976631

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 1.751823 9.124034 0.409967
1.06E-05 0.455658 3.006706
0.57755 1.751823 9.124034 0.409967
1.06E-05 0.283821 2.490981
0.71837 1.751823 9.124034 0.409967
1.06E-05 0.111983 3.037244
0.85918 1.751823 9.124034 0.409967
1.06E-05 0.062657 5.989261
1.00000 1.751823 9.124034 0.409967
1.06E-05 0.243393 10.203149

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -2.707847 -11.977211 -0.431071
-0.001047 -0.479369 -24.438638
0.57755 -2.707847 -11.977211 -0.431071
-0.001047 -0.298682 -27.637783
0.71837 -2.707847 -11.977211 -0.431071
-0.001047 -0.117981 -30.918246
0.85918 -2.707847 -11.977211 -0.431071
-0.001047 -0.059853 -34.245635
1.00000 -2.707847 -11.977211 -0.431071
-0.001047 -0.231707 -37.737094

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 2.103420 27.939428 0.712008
0.000218 0.791300 23.566038
0.57755 2.103420 27.939428 0.712008
0.000218 0.492983 16.821435
0.71837 2.103420 27.939428 0.712008
0.000218 0.195050 11.191357
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3357

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85918 2.103420 27.939428 0.712008
0.000218 0.102007 11.135618
1.00000 2.103420 27.939428 0.712008
0.000218 0.394222 16.889623

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -7.045830 -21.600060 -0.697604
-0.001958 -0.775791 -38.124101
0.57755 -7.045830 -21.600060 -0.697604
-0.001958 -0.483383 -39.577408
0.71837 -7.045830 -21.600060 -0.697604
-0.001958 -0.190968 -44.285424
0.85918 -7.045830 -21.600060 -0.697604
-0.001958 -0.103976 -50.847287
1.00000 -7.045830 -21.600060 -0.697604
-0.001958 -0.402479 -58.325249

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 1.855034 78.204752 0.936265
6.45E-06 1.042228 152.748760
0.57755 1.855034 78.204752 0.936265
6.45E-06 0.649789 124.561556
0.71837 1.855034 78.204752 0.936265
6.45E-06 0.257401 96.861001
0.85918 1.855034 78.204752 0.936265
6.45E-06 0.106240 73.220375
1.00000 1.855034 78.204752 0.936265
6.45E-06 0.413378 54.228117

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -10.344341 -21.028073 -0.732612
-0.001546 -0.814951 -40.965775
0.57755 -10.344341 -21.028073 -0.732612
-0.001546 -0.507909 -41.552592
0.71837 -10.344341 -21.028073 -0.732612
-0.001546 -0.200752 -43.981914
0.85918 -10.344341 -21.028073 -0.732612
-0.001546 -0.135139 -47.580062
1.00000 -10.344341 -21.028073 -0.732612
-0.001546 -0.527608 -51.285767

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 8.050862 72.978123 1.012539
0.004040 1.115031 147.215820
0.57755 8.050862 72.978123 1.012539
0.004040 0.693046 122.131376
0.71837 8.050862 72.978123 1.012539
0.004040 0.278447 105.050317
0.85918 8.050862 72.978123 1.012539
0.004040 0.125906 104.846783
1.00000 8.050862 72.978123 1.012539
0.004040 0.447117 119.212060

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -9.134755 -96.522617 -0.778786
-0.004673 -0.866266 -93.329907
0.57755 -9.134755 -96.522617 -0.778786
-0.004673 -0.539854 -64.344841
0.71837 -9.134755 -96.522617 -0.778786
-0.004673 -0.213361 -48.659530
0.85918 -9.134755 -96.522617 -0.778786
-0.004673 -0.159253 -40.749680
1.00000 -9.134755 -96.522617 -0.778786
-0.004673 -0.582804 -46.059338

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 0.380476 32.482518 0.352804
8.99E-05 0.393056 55.296011
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3358

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57755 0.380476 32.482518 0.352804
8.99E-05 0.245215 42.271482
0.71837 0.380476 32.482518 0.352804
8.99E-05 0.097397 29.715015
0.85918 0.380476 32.482518 0.352804
8.99E-05 0.036496 18.247551
1.00000 0.380476 32.482518 0.352804
8.99E-05 0.142169 12.190491

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -5.404220 -7.872325 -0.252012
-0.000675 -0.280357 -15.503417
0.57755 -5.404220 -7.872325 -0.252012
-0.000675 -0.174730 -12.453929
0.71837 -5.404220 -7.872325 -0.252012
-0.000675 -0.069092 -11.560196
0.85918 -5.404220 -7.872325 -0.252012
-0.000675 -0.050626 -12.237693
1.00000 -5.404220 -7.872325 -0.252012
-0.000675 -0.198484 -13.260903

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 4.371777 78.888561 0.683149
0.004815 0.742562 183.518438
0.57755 4.371777 78.888561 0.683149
0.004815 0.459498 152.467157
0.71837 4.371777 78.888561 0.683149
0.004815 0.186451 130.830242
0.85918 4.371777 78.888561 0.683149
0.004815 0.067545 125.077000
1.00000 4.371777 78.888561 0.683149
0.004815 0.204793 122.988027

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -8.099122 -66.545609 -0.344677
-0.005119 -0.383561 -40.616928
0.57755 -8.099122 -66.545609 -0.344677
-0.005119 -0.239114 -17.842561
0.71837 -8.099122 -66.545609 -0.344677
-0.005119 -0.094546 -13.162347
0.85918 -8.099122 -66.545609 -0.344677
-0.005119 -0.117732 -12.815170
1.00000 -8.099122 -66.545609 -0.344677
-0.005119 -0.403011 -13.095930

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 4.681523 79.759627 0.923592
0.004351 1.011424 165.487298
0.57755 4.681523 79.759627 0.923592
0.004351 0.627261 137.781676
0.71837 4.681523 79.759627 0.923592
0.004351 0.252131 118.531916
0.85918 4.681523 79.759627 0.923592
0.004351 0.108561 114.957515
1.00000 4.681523 79.759627 0.923592
0.004351 0.369630 116.858453

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.068432	-69.123396	-0.638331
-0.005413	-0.710066	-51.567595	
0.57755	-10.068432	-69.123396	-0.638331
-0.005413	-0.442527	-34.782274	
0.71837	-10.068432	-69.123396	-0.638331
-0.005413	-0.174874	-33.995032	
0.85918	-10.068432	-69.123396	-0.638331
-0.005413	-0.151031	-36.878177	
1.00000	-10.068432	-69.123396	-0.638331
-0.005413	-0.537272	-40.404964	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3359

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.994487	75.872143	0.988929
0.003712	1.089941	149.369625	
0.57755	8.994487	75.872143	0.988929
0.003712	0.677380	122.410127	
0.71837	8.994487	75.872143	0.988929
0.003712	0.270755	101.731181	
0.85918	8.994487	75.872143	0.988929
0.003712	0.123567	92.839832	
1.00000	8.994487	75.872143	0.988929
0.003712	0.446312	103.036002	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.145268	-102.517554	-0.780056
-0.003767	-0.1567735	-113.732217	
0.57755	-9.145268	-102.517554	-0.780056
-0.003767	-0.540798	-80.124574	
0.71837	-9.145268	-102.517554	-0.780056
-0.003767	-0.213749	-57.275308	
0.85918	-9.145268	-102.517554	-0.780056
-0.003767	-0.154251	-36.995574	
1.00000	-9.145268	-102.517554	-0.780056
-0.003767	-0.568214	-38.902897	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	7.934581	17.922893	0.414500
0.001273	0.461449	23.231246	
0.57755	7.934581	17.922893	0.414500
0.001273	0.287713	15.906204	
0.71837	7.934581	17.922893	0.414500
0.001273	0.113974	8.821978	
0.85918	7.934581	17.922893	0.414500
0.001273	0.062782	3.266502	
1.00000	7.934581	17.922893	0.414500
0.001273	0.244704	3.041268	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-1.301139	-61.599767	-0.433890
-7.25E-06	-0.482782	-115.837973	
0.57755	-1.301139	-61.599767	-0.433890
-7.25E-06	-0.300913	-90.035720	
0.71837	-1.301139	-61.599767	-0.433890
-7.25E-06	-0.119039	-64.233458	
0.85918	-1.301139	-61.599767	-0.433890
-7.25E-06	-0.059751	-38.581382	
1.00000	-1.301139	-61.599767	-0.433890
-7.25E-06	-0.233515	-12.998497	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.563687	43.468631	0.698651
0.007372	0.755148	97.696689	
0.57755	14.563687	43.468631	0.698651
0.007372	0.466303	81.719112	
0.71837	14.563687	43.468631	0.698651
0.007372	0.189583	77.283975	
0.85918	14.563687	43.468631	0.698651
0.007372	0.102732	92.548954	
1.00000	14.563687	43.468631	0.698651
0.007372	0.329212	113.227842	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.658006	-146.730233	-0.561344
-0.005664	-0.624623	-159.081985	
0.57755	-2.658006	-146.730233	-0.561344
-0.005664	-0.389306	-103.644777	
0.71837	-2.658006	-146.730233	-0.561344
-0.005664	-0.153976	-67.907709	
0.85918	-2.658006	-146.730233	-0.561344
-0.005664	-0.124684	-36.013145	
1.00000	-2.658006	-146.730233	-0.561344
-0.005664	-0.416358	-12.354295	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3360

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.994833	81.252217	0.922479
0.005341	1.011901	177.784271	
0.57755	11.994833	81.252217	0.922479
0.005341	0.627980	145.458597	
0.71837	11.994833	81.252217	0.922479
0.005341	0.252431	121.149201	
0.85918	11.994833	81.252217	0.922479
0.005341	0.110004	110.795685	
1.00000	11.994833	81.252217	0.922479
0.005341	0.379904	105.926150	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.112885	-123.872126	-0.658349
-0.004083	-0.732597	-150.630909	
0.57755	-7.112885	-123.872126	-0.658349
-0.004083	-0.456669	-102.900217	
0.71837	-7.112885	-123.872126	-0.658349
-0.004083	-0.180627	-68.786493	
0.85918	-7.112885	-123.872126	-0.658349
-0.004083	-0.149126	-37.332654	
1.00000	-7.112885	-123.872126	-0.658349
-0.004083	-0.534927	-14.088821	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	10.452731	78.483986	1.020920
0.004426	1.123912	153.322888	
0.57755	10.452731	78.483986	1.020920
0.004426	0.698254	124.568756	
0.71837	10.452731	78.483986	1.020920
0.004426	0.279506	102.621684	
0.85918	10.452731	78.483986	1.020920
0.004426	0.128587	93.198882	
1.00000	10.452731	78.483986	1.020920
0.004426	0.460378	91.719888	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.963200	-110.022284	-0.803361
-0.004016	-0.893758	-136.247130	
0.57755	-8.963200	-110.022284	-0.803361
-0.004016	-0.557047	-98.062994	
0.71837	-8.963200	-110.022284	-0.803361
-0.004016	-0.220216	-72.412197	
0.85918	-8.963200	-110.022284	-0.803361
-0.004016	-0.160666	-49.800887	
1.00000	-8.963200	-110.022284	-0.803361
-0.004016	-0.587928	-34.112613	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	2.734376	11.413577	0.833937
7.77E-06	0.228059	4.765101	
0.57755	2.734376	11.413577	0.833937
7.77E-06	0.578609	3.881790	
0.71837	2.734376	11.413577	0.833937
7.77E-06	0.229066	4.063379	
0.85918	2.734376	11.413577	0.833937
7.77E-06	0.109562	8.716588	
1.00000	2.734376	11.413577	0.833937
7.77E-06	0.434960	14.359191	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.615279	-15.288098	-0.774156
-0.001092	-0.861995	-37.027358	
0.57755	-2.615279	-15.288098	-0.774156
-0.001092	-0.537199	-36.271319	
0.71837	-2.615279	-15.288098	-0.774156
-0.001092	-0.211358	-36.064178	
0.85918	-2.615279	-15.288098	-0.774156
-0.001092	-0.120704	-39.750320	
1.00000	-2.615279	-15.288098	-0.774156
-0.001092	-0.470245	-43.934690	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3361

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	3.074107	30.636363	1.440682
0.000141	1.604140	25.438792	
0.57755	3.074107	30.636363	1.440682
0.000141	1.092421	18.113981	
0.71837	3.074107	30.636363	1.440682
0.000141	0.396974	12.212631	
0.85918	3.074107	30.636363	1.440682
0.000141	0.175660	13.570898	
1.00000	3.074107	30.636363	1.440682
0.000141	0.694943	20.996955	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.299589	-25.879503	-1.235816
-0.001888	-1.375402	-54.545042	
0.57755	-7.299589	-25.879503	-1.235816
-0.001888	-0.856988	-52.502173	
0.71837	-7.299589	-25.879503	-1.235816
-0.001888	-0.336918	-51.691048	
0.85918	-7.299589	-25.879503	-1.235816
-0.001888	-0.207858	-56.722800	
1.00000	-7.299589	-25.879503	-1.235816
-0.001888	-0.811612	-65.193901	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	2.897804	74.133970	1.721465
1.34E-05	1.918533	151.031567	
0.57755	2.897804	74.133970	1.721465
1.34E-05	1.197130	125.213168	
0.71837	2.897804	74.133970	1.721465
1.34E-05	0.476478	100.393069	
0.85918	2.897804	74.133970	1.721465
1.34E-05	0.194056	81.690684	
1.00000	2.897804	74.133970	1.721465
1.34E-05	0.769461	67.878921	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.944160	-26.451666	-1.371067
-0.001571	-1.526006	-55.119289	
0.57755	-9.944160	-26.451666	-1.371067
-0.001571	-0.950061	-51.966972	
0.71837	-9.944160	-26.451666	-1.371067
-0.001571	-0.373858	-49.455587	
0.85918	-9.944160	-26.451666	-1.371067
-0.001571	-0.247041	-52.137391	
1.00000	-9.944160	-26.451666	-1.371067
-0.001571	-0.968436	-57.189448	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.123657	71.638278	1.808693
0.003283	2.005691	151.869863	
0.57755	8.123657	71.638278	1.808693
0.003283	1.250444	127.885271	
0.71837	8.123657	71.638278	1.808693
0.003283	0.500054	111.103337	
0.85918	8.123657	71.638278	1.808693
0.003283	0.216816	111.688403	
1.00000	8.123657	71.638278	1.808693
0.003283	0.817560	125.971860	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.962026	-89.197176	-1.433692
-0.003923	-1.593926	-98.459987	
0.57755	-8.962026	-89.197176	-1.433692
-0.003923	-0.992620	-69.080641	
0.71837	-8.962026	-89.197176	-1.433692
-0.003923	-0.390993	-51.279062	
0.85918	-8.962026	-89.197176	-1.433692
-0.003923	-0.271034	-44.872644	
1.00000	-8.962026	-89.197176	-1.433692
-0.003923	-1.028715	-65.193682	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3362

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.341071	29.437385	0.639876
8.00E-05	0.713819	52.426762	
0.57755	0.341071	29.437385	0.639876
8.00E-05	0.445697	40.766450	
0.71837	0.341071	29.437385	0.639876
8.00E-05	0.177700	29.466533	
0.85918	0.341071	29.437385	0.639876
8.00E-05	0.064226	19.355890	
1.00000	0.341071	29.437385	0.639876
8.00E-05	0.255353	12.835434	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-5.601553	-9.183098	-0.454608
-0.000600	-0.505756	-16.937177	
0.57755	-5.601553	-9.183098	-0.454608
-0.000600	-0.314980	-14.599941	
0.71837	-5.601553	-9.183098	-0.454608
-0.000600	-0.123817	-12.565545	
0.85918	-5.601553	-9.183098	-0.454608
-0.000600	-0.091525	-11.512465	
1.00000	-5.601553	-9.183098	-0.454608
-0.000600	-0.359355	-12.409407	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.043789	71.633393	1.067781
0.004209	1.173747	180.897107	
0.57755	4.043789	71.633393	1.067781
0.004209	0.730880	153.186631	
0.71837	4.043789	71.633393	1.067781
0.004209	0.294791	134.112368	
0.85918	4.043789	71.633393	1.067781
0.004209	0.119741	128.412911	
1.00000	4.043789	71.633393	1.067781
0.004209	0.413727	126.322055	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.758514	-59.647453	-0.704329
-0.004427	-0.781080	-40.927841	
0.57755	-7.758514	-59.647453	-0.704329
-0.004427	-0.438589	-19.028532	
0.71837	-7.758514	-59.647453	-0.704329
-0.004427	-0.191454	-13.469662	
0.85918	-7.758514	-59.647453	-0.704329
-0.004427	-0.171773	-11.834002	
1.00000	-7.758514	-59.647453	-0.704329
-0.004427	-0.618322	-12.298627	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.822140	75.021358	1.614981
0.003809	1.784400	164.077793	
0.57755	4.822140	75.021358	1.614981
0.003809	1.111807	139.180676	
0.71837	4.822140	75.021358	1.614981
0.003809	0.445027	122.024172	
0.85918	4.822140	75.021358	1.614981
0.003809	0.189568	119.891538	
1.00000	4.822140	75.021358	1.614981
0.003809	0.696159	122.617837	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.750371	-65.360001	-1.210030
-0.004815	-1.344158	-61.280891	
0.57755	-9.750371	-65.360001	-1.210030
-0.004815	-0.836511	-41.941238	
0.71837	-9.750371	-65.360001	-1.210030
-0.004815	-0.329508	-37.367175	
0.85918	-9.750371	-65.360001	-1.210030
-0.004815	-0.248928	-38.799333	
1.00000	-9.750371	-65.360001	-1.210030
-0.004815	-0.925045	-43.174783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3363

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.479569	74.343305	1.783073
0.003131	1.979492	151.118422	
0.57755	8.479569	74.343305	1.783073
0.003131	1.234227	125.430227	
0.71837	8.479569	74.343305	1.783073
0.003131	0.493471	104.789978	
0.85918	8.479569	74.343305	1.783073
0.003131	0.208754	97.188212	
1.00000	8.479569	74.343305	1.783073
0.003131	0.792358	109.223632	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.191532	-94.968283	-1.391610
-0.003177	-0.947157	-113.147174	
0.57755	-9.191532	-94.968283	-1.391610
-0.003177	-0.963286	-79.891254	
0.71837	-9.191532	-94.968283	-1.391610
-0.003177	-0.379656	-55.788824	
0.85918	-9.191532	-94.968283	-1.391610
-0.003177	-0.264572	-38.543519	
1.00000	-9.191532	-94.968283	-1.391610
-0.003177	-1.011192	-42.533343	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	7.041349	22.481631	0.756790
0.001273	0.845544	26.866313	
0.57755	7.041349	22.481631	0.756790
0.001273	0.527633	17.791926	
0.71837	7.041349	22.481631	0.756790
0.001273	0.211066	8.820478	
0.85918	7.041349	22.481631	0.756790
0.001273	0.058965	11.648221	
1.00000	7.041349	22.481631	0.756790
0.001273	0.366802	3.578926	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.097837	-56.966460	-0.650728
-4.28E-06	-0.724060	-109.458401	
0.57755	-2.097837	-56.966460	-0.650728
-4.28E-06	-0.451285	-85.816433	
0.71837	-2.097837	-56.966460	-0.650728
-4.28E-06	-0.178327	-62.244319	
0.85918	-2.097837	-56.966460	-0.650728
-4.28E-06	-0.105731	-42.095099	
1.00000	-2.097837	-56.966460	-0.650728
-4.28E-06	-0.422325	-24.945237	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.533357	46.780793	1.158969
0.007428	1.269064	104.394578	
0.57755	13.533357	46.780793	1.158969
0.007428	0.789154	87.496283	
0.71837	13.533357	46.780793	1.158969
0.007428	0.318834	82.729542	
0.85918	13.533357	46.780793	1.158969
0.007428	0.159960	99.184796	
1.00000	13.533357	46.780793	1.158969
0.007428	0.540931	121.260369	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-3.321728	-138.298766	-0.913055
-0.005655	-1.012259	-151.685381	
0.57755	-3.321728	-138.298766	-0.913055
-0.005655	-0.630939	-96.091885	
0.71837	-3.321728	-138.298766	-0.913055
-0.005655	-0.249467	-63.567309	
0.85918	-3.321728	-138.298766	-0.913055
-0.005655	-0.190623	-38.993053	
1.00000	-3.321728	-138.298766	-0.913055
-0.005655	-0.674989	-20.576679	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3364

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.256328	77.013946	1.526045
0.005597	1.685904	174.469611	
0.57755	11.256328	77.013946	1.526045
0.005597	1.050399	144.575395	
0.71837	11.256328	77.013946	1.526045
0.005597	0.422440	123.504161	
0.85918	11.256328	77.013946	1.526045
0.005597	0.183544	118.454872	
1.00000	11.256328	77.013946	1.526045
0.005597	0.660219	118.985482	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.303111	-119.009178	-1.140409
-0.004272	-1.266164	-142.922128	
0.57755	-7.303111	-119.009178	-1.140409
-0.004272	-0.788293	-94.976289	
0.71837	-7.303111	-119.009178	-1.140409
-0.004272	-0.311112	-63.686286	
0.85918	-7.303111	-119.009178	-1.140409
-0.004272	-0.235320	-38.810285	
1.00000	-7.303111	-119.009178	-1.140409
-0.004272	-0.873757	-20.033257	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	9.966365	76.127082	1.806376
0.004650	2.000724	150.907691	
0.57755	9.966365	76.127082	1.806376
0.004650	1.247043	123.996582	
0.71837	9.966365	76.127082	1.806376
0.004650	0.499665	104.642490	
0.85918	9.966365	76.127082	1.806376
0.004650	0.215410	100.446550	
1.00000	9.966365	76.127082	1.806376
0.004650	0.797837	104.060960	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.352645	-107.881863	-1.390864
-0.004181	-1.545302	-135.959329	
0.57755	-9.352645	-107.881863	-1.390864
-0.004181	-0.962215	-96.484490	
0.71837	-9.352645	-107.881863	-1.390864
-0.004181	-0.379191	-70.962197	
0.85918	-9.352645	-107.881863	-1.390864
-0.004181	-0.272761	-52.276030	
1.00000	-9.352645	-107.881863	-1.390864
-0.004181	-1.028879	-40.507318	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.563687	81.252217	1.020920
0.007372	1.123912	183.518438	
0.57755	14.563687	81.252217	1.020920
0.007372	0.698254	152.467157	
0.71837	14.563687	81.252217	1.020920
0.007372	0.279506	130.830242	
0.85918	14.563687	81.252217	1.020920
0.007372	0.128587	125.077000	
1.00000	14.563687	81.252217	1.020920
0.007372	0.460378	122.988027	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.344341	-146.730233	-0.803361
-0.005664	-0.893758	-159.081985	
0.57755	-10.344341	-146.730233	-0.803361
-0.005664	-0.557047	-103.644777	
0.71837	-10.344341	-146.730233	-0.803361
-0.005664	-0.220216	-72.412197	
0.85918	-10.344341	-146.730233	-0.803361
-0.005664	-0.160666	-50.054787	
1.00000	-10.344341	-146.730233	-0.803361
-0.005664	-0.587928	-58.325249	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3365

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.533357	77.013946	1.808693
0.007428	2.005691	180.897107	
0.57755	13.533357	77.013946	1.808693
0.007428	1.250444	153.186631	
0.71837	13.533357	77.013946	1.808693
0.007428	0.500054	134.112368	
0.85918	13.533357	77.013946	1.808693
0.007428	0.216816	128.412911	
1.00000	13.533357	77.013946	1.808693
0.007428	0.817560	126.322055	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.944160	-138.298766	-1.433692
-0.005655	-1.593926	-151.685381	
0.57755	-9.944160	-138.298766	-1.433692
-0.005655	-0.992620	-96.484490	
0.71837	-9.944160	-138.298766	-1.433692
-0.005655	-0.390993	-70.962197	
0.85918	-9.944160	-138.298766	-1.433692
-0.005655	-0.272761	-56.722800	
1.00000	-9.944160	-138.298766	-1.433692
-0.005655	-1.028879	-65.193901	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.563687	81.252217	1.808693
0.007428	2.005691	183.518438	
0.57755	14.563687	81.252217	1.808693
0.007428	1.250444	153.186631	
0.71837	14.563687	81.252217	1.808693
0.007428	0.500054	134.112368	
0.85918	14.563687	81.252217	1.808693
0.007428	0.216816	128.412911	
1.00000	14.563687	81.252217	1.808693
0.007428	0.817560	126.322055	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.344341	-146.730233	-1.433692
-0.005664	-1.593926	-159.081985	
0.57755	-10.344341	-146.730233	-1.433692
-0.005664	-0.992620	-103.644777	
0.71837	-10.344341	-146.730233	-1.433692
-0.005664	-0.390993	-72.412197	
0.85918	-10.344341	-146.730233	-1.433692
-0.005664	-0.272761	-56.722800	
1.00000	-10.344341	-146.730233	-1.433692
-0.005664	-1.028879	-65.193901	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.563687	81.252217	1.808693

```
 0.007428    2.005691  183.518438
0.57755    14.563687   81.252217    1.808693
 0.007428    1.250444  153.186631
0.71837    14.563687   81.252217    1.808693
 0.007428    0.500054  134.112368
0.85918    14.563687   81.252217    1.808693
 0.007428    0.216816  128.412911
1.00000    14.563687   81.252217    1.808693
 0.007428    0.817560  126.322055

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.43674   -10.344341 -146.730233   -1.433692
-0.005664   -1.593926 -159.081985
0.57755   -10.344341 -146.730233   -1.433692
-0.005664   -0.992620 -103.644777
0.71837   -10.344341 -146.730233   -1.433692
-0.005664   -0.390993  -72.412197
0.85918   -10.344341 -146.730233   -1.433692
-0.005664   -0.272761  -56.722800
1.00000   -10.344341 -146.730233   -1.433692
-0.005664   -1.028879  -65.193901
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3366

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       317 ================== LENGTH
=     2.977668

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    1.731495    9.175734    0.404977
6.82E-06    0.227260   10.211595
0.14085    1.731495    9.175734    0.404977
6.82E-06    0.057381   14.954209
0.28171    1.731495    9.175734    0.404977
6.82E-06    0.119406   19.833111
0.42256    1.731495    9.175734    0.404977
6.82E-06    0.300721   24.773156
0.56342    1.731495    9.175734    0.404977
6.82E-06    0.482036   29.744149

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -2.690364  -11.917725   -0.432303
-0.000698   -0.243243  -37.745776
0.14085   -2.690364  -11.917725   -0.432303
-0.000698   -0.161868  -41.314451
0.28171   -2.690364  -11.917725   -0.432303
-0.000698   -0.112471  -44.939101
0.42256   -2.690364  -11.917725   -0.432303
-0.000698   -0.282312  -48.576238
0.56342   -2.690364  -11.917725   -0.432303
-0.000698   -0.452162  -52.286413

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    1.974076   29.451000    0.692585
 0.000185   0.381662   16.914768
0.14085    1.974076   29.451000    0.692585
 0.000185   0.097400   22.928721
0.28171    1.974076   29.451000    0.692585
 0.000185   0.192847   29.369021
0.42256    1.974076   29.451000    0.692585
 0.000185   0.485692   36.827717
0.56342    1.974076   29.451000    0.692585
 0.000185   0.778529   44.855251

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -7.099044  -19.687890   -0.698194
-0.001443   -0.393293  -58.341404
0.14085   -7.099044  -19.687890   -0.698194
-0.001443   -0.100549  -67.664475
0.28171   -7.099044  -19.687890   -0.698194
-0.001443   -0.193920  -77.332609
0.42256   -7.099044  -19.687890   -0.698194
-0.001443   -0.483854  -87.468719
0.56342   -7.099044  -19.687890   -0.698194
-0.001443   -0.774196  -98.929217

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    1.836848   77.631351    0.904928
 6.14E-06   0.504632   54.218319
0.14085    1.836848   77.631351    0.904928
 6.14E-06   0.125205   45.519044
0.28171    1.836848   77.631351    0.904928
 6.14E-06   0.256492   48.120804
0.42256    1.836848   77.631351    0.904928
 6.14E-06   0.510425   53.367851
0.56342    1.836848   77.631351    0.904928
 6.14E-06   0.818239   59.504616

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.256963  -21.035441   -0.734000
-0.001601   -0.413216  -51.292746
0.14085   -10.256963  -21.035441   -0.734000
-0.001601   -0.105255  -55.325671
0.28171   -10.256963  -21.035441   -0.734000
-0.001601   -0.254910  -71.482636
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3367

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
               T          M2          M3
0.42256   -10.256963  -21.035441   -0.734000
-0.001601   -0.634290 -102.639960
0.56342   -10.256963  -21.035441   -0.734000
-0.001601   -1.013719 -134.583926

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    5.957566  107.203961    1.003396
 0.003793   0.574876  119.416948
0.14085    5.957566  107.203961    1.003396
 0.003793   0.154891  112.449273
0.28171    5.957566  107.203961    1.003396
 0.003793   0.215045  114.614479
0.42256    5.957566  107.203961    1.003396
 0.003793   0.541540  128.285759
0.56342    5.957566  107.203961    1.003396
 0.003793   0.867946  150.258782

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.825933  -60.079386   -0.778296
-0.004764   -0.447311  -46.057032
0.14085   -10.825933  -60.079386   -0.778296
-0.004764   -0.124954  -51.829652
0.28171   -10.825933  -60.079386   -0.778296
-0.004764   -0.279110  -67.904306
0.42256   -10.825933  -60.079386   -0.778296
-0.004764   -0.690459  -95.964400
0.56342   -10.825933  -60.079386   -0.778296
-0.004764   -1.108680 -133.844718

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    0.380617   32.242847    0.332200
 9.21E-06   0.184110   12.187411
0.14085    0.380617   32.242847    0.332200
 9.21E-06   0.044944   10.592176
0.28171    0.380617   32.242847    0.332200
 9.21E-06   0.069431   11.456270
0.42256    0.380617   32.242847    0.332200
 9.21E-06   0.174977   12.869331
0.56342    0.380617   32.242847    0.332200
 9.21E-06   0.280512   14.460520

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -5.374242   -7.839105   -0.251638
-0.000637   -0.141643  -13.261596
0.14085   -5.374242   -7.839105   -0.251638
-0.000637   -0.035969  -17.460450
0.28171   -5.374242   -7.839105   -0.251638
-0.000637   -0.094930  -29.190977
0.42256   -5.374242   -7.839105   -0.251638
-0.000637   -0.234154  -41.772826
0.56342   -5.374242   -7.839105   -0.251638
-0.000637   -0.373470  -55.090606

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    1.484784  125.817273    0.655972
 0.004779   0.383681  123.276275
0.14085    1.484784  125.817273    0.655972
 0.004779   0.109775   86.959449
0.28171    1.484784  125.817273    0.655972
 0.004779   0.094956   62.645370
0.42256    1.484784  125.817273    0.655972
 0.004779   0.239513   53.976819
0.56342    1.484784  125.817273    0.655972
 0.004779   0.383939   56.613813

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.443408  -16.206526   -0.344422
-0.005643   -0.206928  -13.089472
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3368

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
               T          M2          M3
0.14085   -10.443408  -16.206526   -0.344422
-0.005643   -0.068163  -13.755315
0.28171   -10.443408  -16.206526   -0.344422
-0.005643   -0.183388  -28.045558
0.42256   -10.443408  -16.206526   -0.344422
-0.005643   -0.445486  -58.058560
0.56342   -10.443408  -16.206526   -0.344422
-0.005643   -0.717028 -101.403536

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    2.074159  122.182650    0.897121
 0.004319   0.517746  117.127510
0.14085    2.074159  122.182650    0.897121
 0.004319   0.142525   88.264239
0.28171    2.074159  122.182650    0.897121
 0.004319   0.175148   70.110167
0.42256    2.074159  122.182650    0.897121
 0.004319   0.443929   66.040281
0.56342    2.074159  122.182650    0.897121
 0.004319   0.711584   72.191096

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -12.169503  -23.641607   -0.638222
-0.005652   -0.370927  -40.406361
0.14085   -12.169503  -23.641607   -0.638222
-0.005652   -0.108301  -44.287528
0.28171   -12.169503  -23.641607   -0.638222
-0.005652   -0.249952  -60.861011
0.42256   -12.169503  -23.641607   -0.638222
-0.005652   -0.614472  -91.398346
0.56342   -12.169503  -23.641607   -0.638222
-0.005652   -0.987501 -133.961684

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    7.330419  103.543369    0.981097
 0.003474   0.560327  103.189727
0.14085    7.330419  103.543369    0.981097
 0.003474   0.149644  104.838152
0.28171    7.330419  103.543369    0.981097
 0.003474   0.215118  115.736286
0.42256    7.330419  103.543369    0.981097
 0.003474   0.541624  136.571607
0.56342    7.330419  103.543369    0.981097
 0.003474   0.868009  164.271028

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.507491  -73.112702   -0.778261
-0.003962   -0.445371  -38.895692
0.14085   -10.507491  -73.112702   -0.778261
-0.003962   -0.122190  -45.649026
0.28171   -10.507491  -73.112702   -0.778261
-0.003962   -0.272737  -62.976056
0.42256   -10.507491  -73.112702   -0.778261
-0.003962   -0.676484  -92.466639
0.56342   -10.507491  -73.112702   -0.778261
-0.003962   -1.085806 -130.004972

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    7.984087   17.903474    0.414848
 0.001216   0.233134    3.037886
0.14085    7.984087   17.903474    0.414848
 0.001216   0.059133   14.643714
0.28171    7.984087   17.903474    0.414848
 0.001216   0.119555   40.269708
0.42256    7.984087   17.903474    0.414848
 0.001216   0.300458   66.133587
0.56342    7.984087   17.903474    0.414848
 0.001216   0.481356   92.052312
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3369

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -1.301242  -61.939458   -0.431306
-1.91E-05   -0.242248  -13.022979
0.14085   -1.301242  -61.939458   -0.431306
-1.91E-05   -0.061276  -16.464983
0.28171   -1.301242  -61.939458   -0.431306
-1.91E-05   -0.114868  -23.060092
0.42256   -1.301242  -61.939458   -0.431306
-1.91E-05   -0.288858  -30.077789
0.56342   -1.301242  -61.939458   -0.431306
-1.91E-05   -0.462848  -37.474557

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000   11.107256  101.170043    0.698200
 0.007149   0.414973  113.594324
0.14085   11.107256  101.170043    0.698200
 0.007149   0.123283  107.940507
0.28171   11.107256  101.170043    0.698200
 0.007149   0.154678  111.572988
0.42256   11.107256  101.170043    0.698200
 0.007149   0.388547  132.514540
0.56342   11.107256  101.170043    0.698200
 0.007149   0.622398  166.434627

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -5.581899  -85.912282   -0.557505
-0.005880   -0.332721  -12.322919
0.14085   -5.581899  -85.912282   -0.557505
-0.005880   -0.101802  -20.441174
0.28171   -5.581899  -85.912282   -0.557505
-0.005880   -0.190623  -28.745132
0.42256   -5.581899  -85.912282   -0.557505
-0.005880   -0.467795  -41.530176
0.56342   -5.581899  -85.912282   -0.557505
-0.005880   -0.756413  -72.657143

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    9.642634  120.473925    0.904267
 0.005140   0.521222  106.160350
0.14085    9.642634  120.473925    0.904267
 0.005140   0.142926  100.686396
0.28171    9.642634  120.473925    0.904267
 0.005140   0.181375  108.838624
0.42256    9.642634  120.473925    0.904267
 0.005140   0.456453  130.160593
0.56342    9.642634  120.473925    0.904267
 0.005140   0.731477  160.985470

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -9.070031  -82.309359   -0.655713
-0.004592   -0.379471  -14.066734
0.14085   -9.070031  -82.309359   -0.655713
-0.004592   -0.109158  -19.129302
0.28171   -9.070031  -82.309359   -0.655713
-0.004592   -0.251287  -37.341389
0.42256   -9.070031  -82.309359   -0.655713
-0.004592   -0.619700  -69.234184
0.56342   -9.070031  -82.309359   -0.655713
-0.004592   -0.995963 -111.928207

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    8.509183  110.807369    0.999399
 0.004258   0.571753   91.919431
0.14085    8.509183  110.807369    0.999399
 0.004258   0.153344   90.246454
0.28171    8.509183  110.807369    0.999399
 0.004258   0.221418  100.042615
0.42256    8.509183  110.807369    0.999399
 0.004258   0.557385  120.822570
0.56342    8.509183  110.807369    0.999399
 0.004258   0.893218  149.478711
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3370

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.567052  -75.661084   -0.800778
-0.004281   -0.459204  -34.101168
0.14085   -10.567052  -75.661084   -0.800778
-0.004281   -0.127208  -42.058854
0.28171   -10.567052  -75.661084   -0.800778
-0.004281   -0.278190  -60.537245
0.42256   -10.567052  -75.661084   -0.800778
-0.004281   -0.686370  -96.956504
0.56342   -10.567052  -75.661084   -0.800778
-0.004281   -1.105051 -130.665035

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    2.707151   11.442065    0.809944
 3.97E-06   0.452084   14.373001
0.14085    2.707151   11.442065    0.809944
 3.97E-06   0.112427   20.335947
0.28171    2.707151   11.442065    0.809944
 3.97E-06   0.268370   26.372622
0.42256    2.707151   11.442065    0.809944
 3.97E-06   0.545072   32.453885
0.56342    2.707151   11.442065    0.809944
 3.97E-06   0.874995   38.540457

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -2.592347  -15.263483   -0.785693
-0.000723   -0.441936  -43.948152
0.14085   -2.592347  -15.263483   -0.785693
-0.000723   -0.111522  -48.241097
0.28171   -2.592347  -15.263483   -0.785693
-0.000723   -0.227348  -52.575032
0.42256   -2.592347  -15.263483   -0.785693
-0.000723   -0.567023  -56.946616
0.56342   -2.592347  -15.263483   -0.785693
-0.000723   -0.906659  -61.342564

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    2.975653   31.557980    1.409226
 0.000111   0.787903   21.021210
0.14085    2.975653   31.557980    1.409226
 0.000111   0.196713   29.277096
0.28171    2.975653   31.557980    1.409226
 0.000111   0.340568   38.158455
0.42256    2.975653   31.557980    1.409226
 0.000111   0.865031   47.545655
0.56342    2.975653   31.557980    1.409226
 0.000111   1.388374   57.371385

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -7.323315  -24.785418   -1.246049
-0.001400   -0.700476  -65.211795
0.14085   -7.323315  -24.785418   -1.246049
-0.001400   -0.176614  -75.027737
0.28171   -7.323315  -24.785418   -1.246049
-0.001400   -0.394782  -85.550507
0.42256   -7.323315  -24.785418   -1.246049
-0.001400   -0.985563  -97.154840
0.56342   -7.323315  -24.785418   -1.246049
-0.001400   -1.576456 -109.567400

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    2.874262   73.659999    1.686889
 7.67E-06   0.942669   67.879851
0.14085    2.874262   73.659999    1.686889
 7.67E-06   0.234941   59.588258
0.28171    2.874262   73.659999    1.686889
 7.67E-06   0.377571   59.119300
0.42256    2.874262   73.659999    1.686889
 7.67E-06   0.958609   66.257383
0.56342    2.874262   73.659999    1.686889
 7.67E-06   1.539635   74.954640

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3371

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -9.875603  -26.505069   -1.381948
-0.001540   -0.775508  -57.204067
0.14085   -9.875603  -26.505069   -1.381948
-0.001540   -0.194714  -62.924268
0.28171   -9.875603  -26.505069   -1.381948
-0.001540   -0.474112  -77.572820
0.42256   -9.875603  -26.505069   -1.381948
-0.001540   -1.180937 -105.458651
0.56342   -9.875603  -26.505069   -1.381948
-0.001540   -1.888313 -134.787767

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    6.465941   97.308762    1.792214
 0.002960   1.014987  125.987135
0.14085    6.465941   97.308762    1.792214
 0.002960   0.263715  122.285740
0.28171    6.465941   97.308762    1.792214
 0.002960   0.394685  125.157445
0.42256    6.465941   97.308762    1.792214
 0.002960   0.999861  141.139290
0.56342    6.465941   97.308762    1.792214
 0.002960   1.604921  163.835750

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -10.345150  -62.260684   -1.441507
-0.003937   -0.821395  -51.533330
0.14085   -10.345150  -62.260684   -1.441507
-0.003937   -0.216467  -59.092169
0.28171   -10.345150  -62.260684   -1.441507
-0.003937   -0.500583  -74.292874
0.42256   -10.345150  -62.260684   -1.441507
-0.003937   -1.245057 -100.311529
0.56342   -10.345150  -62.260684   -1.441507
-0.003937   -1.993676 -137.614137

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    0.340644   29.336387    0.632340
 5.29E-06   0.353871   12.836724
0.14085    0.340644   29.336387    0.632340
 5.29E-06   0.089170   11.408117
0.28171    0.340644   29.336387    0.632340
 5.29E-06   0.124397   13.157440
0.42256    0.340644   29.336387    0.632340
 5.29E-06   0.315055   15.740784
0.56342    0.340644   29.336387    0.632340
 5.29E-06   0.505372   18.663092

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -5.590111   -9.185838   -0.453201
-0.000593   -0.253864  -12.414187
0.14085   -5.590111   -9.185838   -0.453201
-0.000593   -0.063328  -17.649705
0.28171   -5.590111   -9.185838   -0.453201
-0.000593   -0.177275  -27.885170
0.42256   -5.590111   -9.185838   -0.453201
-0.000593   -0.442298  -38.957844
0.56342   -5.590111   -9.185838   -0.453201
-0.000593   -0.707391  -50.709520

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    1.504399  110.890293    1.056636
 0.004072   0.609876  126.349082
0.14085    1.504399  110.890293    1.056636
 0.004072   0.167608   92.755160
0.28171    1.504399  110.890293    1.056636
 0.004072   0.192576   68.001404
0.42256    1.504399  110.890293    1.056636
 0.004072   0.487498   61.643019
0.56342    1.504399  110.890293    1.056636
 0.004072   0.783195   64.909264
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3372

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -9.900262  -18.060502   -0.705044
-0.004871   -0.413981  -12.292203
0.14085   -9.900262  -18.060502   -0.705044
-0.004871   -0.119218  -13.588305
0.28171   -9.900262  -18.060502   -0.705044
-0.004871   -0.294339  -25.801089
0.42256   -9.900262  -18.060502   -0.705044
-0.004871   -0.726608  -51.362089
0.56342   -9.900262  -18.060502   -0.705044
-0.004871   -1.164747  -93.459030

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    2.509797  110.556441    1.591364
 0.003686   0.907028  122.654484
0.14085    2.509797  110.556441    1.591364
 0.003686   0.240175   96.884692
0.28171    2.509797  110.556441    1.591364
 0.003686   0.332336   79.203474
0.42256    2.509797  110.556441    1.591364
 0.003686   0.841752   78.058290
0.56342    2.509797  110.556441    1.591364
 0.003686   1.351858   85.617817

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
               T          M2          M3
0.00000   -11.666492  -27.735480   -1.215082
-0.004979   -0.698618  -43.179754
0.14085   -11.666492  -27.735480   -1.215082
-0.004979   -0.169429  -48.317675
0.28171   -11.666492  -27.735480   -1.215082
-0.004979   -0.444055  -63.700454
0.42256   -11.666492  -27.735480   -1.215082
-0.004979   -1.101692  -90.841469
0.56342   -11.666492  -27.735480   -1.215082
-0.004979   -1.764531 -132.979676

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
               T          M2          M3
0.00000    7.129037   95.598864    1.780957
 0.002843   1.007485  109.223209
0.14085    7.129037   95.598864    1.780957
 0.002843   0.261358  112.672762
0.28171    7.129037   95.598864    1.780957
 0.002843   0.382343  121.825252
0.42256    7.129037   95.598864    1.780957
 0.002843   0.966701  143.479497
0.56342    7.129037   95.598864    1.780957
 0.002843   1.551168  170.832501

COMB DL-G2-4 ------------------- MIN
```

REL DIST P V2 V3
T M2 M3
0.00000 -10.338855 -72.742636 -1.392198
-0.003311 -0.791009 -42.526207
0.14085 -10.338855 -72.742636 -1.392198
-0.003311 -0.206993 -51.143475
0.28171 -10.338855 -72.742636 -1.392198
-0.003311 -0.496586 -68.369063
0.42256 -10.338855 -72.742636 -1.392198
-0.003311 -1.236965 -95.918541
0.56342 -10.338855 -72.742636 -1.392198
-0.003311 -1.981792 -132.921207

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.084761 22.415378 0.783743
0.001188 0.443931 3.573957
0.14085 7.084761 22.415378 0.783743
0.001188 0.111997 14.223719
0.28171 7.084761 22.415378 0.783743
0.001188 0.179098 37.042421
0.42256 7.084761 22.415378 0.783743
0.001188 0.449994 60.395318
0.56342 7.084761 22.415378 0.783743
0.001188 0.720619 84.023407
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3373

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -2.107040 -57.184165 -0.645165
-1.40E-05 -0.361541 -24.954007
0.14085 -2.107040 -57.184165 -0.645165
-1.40E-05 -0.090667 -24.715003
0.28171 -2.107040 -57.184165 -0.645165
-1.40E-05 -0.216485 -32.576264
0.42256 -2.107040 -57.184165 -0.645165
-1.40E-05 -0.544601 -41.253580
0.56342 -2.107040 -57.184165 -0.645165
-1.40E-05 -0.873905 -50.296338

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.973686 102.920355 1.186160
0.007053 0.691969 121.305567
0.14085 9.973686 102.920355 1.186160
0.007053 0.196324 113.829788
0.28171 9.973686 102.920355 1.186160
0.007053 0.250909 113.825823
0.42256 9.973686 102.920355 1.186160
0.007053 0.630151 130.364289
0.56342 9.973686 102.920355 1.186160
0.007053 1.009187 159.724997

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.421846 -79.545380 -0.907247
-0.005854 -0.535806 -30.562787
0.14085 -6.421846 -79.545380 -0.907247
-0.005854 -0.156481 -27.652920
0.28171 -6.421846 -79.545380 -0.907247
-0.005854 -0.324828 -37.867960
0.42256 -6.421846 -79.545380 -0.907247
-0.005854 -0.807554 -52.375965
0.56342 -6.421846 -79.545380 -0.907247
-0.005854 -1.298735 -90.098961

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.708219 117.281798 1.543630
0.005271 0.884271 119.007246
0.14085 8.708219 117.281798 1.543630
0.005271 0.238388 108.351833
0.28171 8.708219 117.281798 1.543630
0.005271 0.312766 109.848652
0.42256 8.708219 117.281798 1.543630
0.005271 0.735951 128.229347
0.56342 8.708219 117.281798 1.543630
0.005271 1.263767 156.344972

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.515795 -76.798430 -1.135078
-0.004678 -0.655231 -20.016792
0.14085 -9.515795 -76.798430 -1.135078
-0.004678 -0.180240 -25.206709
0.28171 -9.515795 -76.798430 -1.135078
-0.004678 -0.427545 -43.315064
0.42256 -9.515795 -76.798430 -1.135078
-0.004678 -1.063649 -71.744171
0.56342 -9.515795 -76.798430 -1.135078
-0.004678 -1.706614 -116.578908

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.844628 109.475670 1.813156
0.004378 1.031559 104.089201
0.14085 7.844628 109.475670 1.813156
0.004378 0.272334 98.813040
0.28171 7.844628 109.475670 1.813156
0.004378 0.381595 103.549969
0.42256 7.844628 109.475670 1.813156
0.004378 0.963419 122.502331
0.56342 7.844628 109.475670 1.813156
0.004378 1.545328 149.492885
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3374

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.173492 -72.868709 -1.387357
-0.004369 -0.793744 -40.504841
0.14085 -11.173492 -72.868709 -1.387357
-0.004369 -0.212172 -48.963915
0.28171 -11.173492 -72.868709 -1.387357
-0.004369 -0.503466 -68.238367
0.42256 -11.173492 -72.868709 -1.387357
-0.004369 -1.254565 -96.277343
0.56342 -11.173492 -72.868709 -1.387357
-0.004369 -2.011308 -138.363514

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.107256 125.817273 1.003396
0.007149 0.574876 123.276275
0.14085 11.107256 125.817273 1.003396
0.007149 0.154891 112.449273
0.28171 11.107256 125.817273 1.003396
0.007149 0.324218 115.736286
0.42256 11.107256 125.817273 1.003396
0.007149 0.557385 136.571607
0.56342 11.107256 125.817273 1.003396
0.007149 0.893218 166.434627

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.169503 -85.912282 -0.800778
-0.005880 -0.459204 -58.341404
0.14085 -12.169503 -85.912282 -0.800778
-0.005880 -0.127208 -67.664475
0.28171 -12.169503 -85.912282 -0.800778
-0.005880 -0.279110 -77.332609
0.42256 -12.169503 -85.912282 -0.800778
-0.005880 -0.690459 -102.639960
0.56342 -12.169503 -85.912282 -0.800778
-0.005880 -1.108680 -134.583926

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.973686 117.281798 1.813156
0.007053 1.031559 126.349082
0.14085 9.973686 117.281798 1.813156
0.007053 0.272334 122.285740
0.28171 9.973686 117.281798 1.813156
0.007053 0.394685 125.157445
0.42256 9.973686 117.281798 1.813156
0.007053 0.999861 143.479497
0.56342 9.973686 117.281798 1.813156
0.007053 1.604921 170.832501

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.666492 -79.545380 -1.441507
-0.005854 -0.821395 -65.217195
0.14085 -11.666492 -79.545380 -1.441507
-0.005854 -0.216467 -75.027737
0.28171 -11.666492 -79.545380 -1.441507
-0.005854 -0.503466 -85.550507
0.42256 -11.666492 -79.545380 -1.441507
-0.005854 -1.254565 -105.458651
0.56342 -11.666492 -79.545380 -1.441507
-0.005854 -2.011308 -138.363514

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.107256 125.817273 1.813156
0.007149 1.031559 126.349082
0.14085 11.107256 125.817273 1.813156
0.007149 0.272334 122.285740
0.28171 11.107256 125.817273 1.813156
0.007149 0.394685 125.157445
0.42256 11.107256 125.817273 1.813156
0.007149 0.999861 143.479497
0.56342 11.107256 125.817273 1.813156
0.007149 1.604921 170.832501
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3375

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.169503 -85.912282 -1.441507
-0.005880 -0.821395 -65.217195
0.14085 -12.169503 -85.912282 -1.441507
-0.005880 -0.216467 -75.027737
0.28171 -12.169503 -85.912282 -1.441507
-0.005880 -0.503466 -85.550507
0.42256 -12.169503 -85.912282 -1.441507
-0.005880 -1.254565 -105.458651
0.56342 -12.169503 -85.912282 -1.441507
-0.005880 -2.011308 -138.363514

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.107256 125.817273 1.813156
0.007149 1.031559 126.349082
0.14085 11.107256 125.817273 1.813156
0.007149 0.272334 122.285740
0.28171 11.107256 125.817273 1.813156
0.007149 0.394685 125.157445
0.42256 11.107256 125.817273 1.813156
0.007149 0.999861 143.479497
0.56342 11.107256 125.817273 1.813156
0.007149 1.604921 170.832501

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.169503 -85.912282 -1.441507
-0.005880 -0.821395 -65.217195
0.14085 -12.169503 -85.912282 -1.441507
-0.005880 -0.216467 -75.027737
0.28171 -12.169503 -85.912282 -1.441507
-0.005880 -0.503466 -85.550507
0.42256 -12.169503 -85.912282 -1.441507
-0.005880 -1.254565 -105.458651
0.56342 -12.169503 -85.912282 -1.441507
-0.005880 -2.011308 -138.363514

ELEM 318 ========== LENGTH = 2.978075

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 2.832049 2.442707 0.434394
8.99E-06 0.484461 3.174495
0.57739 2.832049 2.442707 0.434394
8.99E-06 0.302233 2.381857
0.71826 2.832049 2.442707 0.434394
8.99E-06 0.120006 3.364082
0.85913 2.832049 2.442707 0.434394
8.99E-06 0.071070 5.898487
1.00000 2.832049 2.442707 0.434394
8.99E-06 0.280431 10.649095

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -1.193637 -16.903741 -0.498951
-0.001128 -0.556863 -20.985378
0.57739 -1.193637 -16.903741 -0.498951
-0.001128 -0.347549 -21.578103
0.71826 -1.193637 -16.903741 -0.498951
-0.001128 -0.138225 -22.239861
0.85913 -1.193637 -16.903741 -0.498951
-0.001128 -0.062225 -22.977439
1.00000 -1.193637 -16.903741 -0.498951
-0.001128 -0.244494 -23.778964

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 3.773816 11.352366 0.768566
0.000192 0.856720 12.333709
0.57739 3.773816 11.352366 0.768566
0.000192 0.534526 8.459371
0.71826 3.773816 11.352366 0.768566
0.000192 0.212358 5.987449
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3376

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85913 3.773816 11.352366 0.768566
0.000192 0.114695 8.576553
1.00000 3.773816 11.352366 0.768566
0.000192 0.451334 16.829351

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -4.656419 -33.482621 -0.802264
-0.002091 -0.895398 -45.984580
0.57739 -4.656419 -33.482621 -0.802264
-0.002091 -0.558959 -42.660062
0.71826 -4.656419 -33.482621 -0.802264
-0.002091 -0.222475 -42.117500
0.85913 -4.656419 -33.482621 -0.802264
-0.002091 -0.110767 -42.707129
1.00000 -4.656419 -33.482621 -0.802264
-0.002091 -0.433209 -44.241027

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 3.959954 53.607440 1.012839
5.95E-06 1.139854 113.274750
0.57739 3.959954 53.607440 1.012839
5.95E-06 0.705967 91.394444
0.71826 3.959954 53.607440 1.012839
5.95E-06 0.281070 70.294839
0.85913 3.959954 53.607440 1.012839
5.95E-06 0.120402 53.758229
1.00000 3.959954 53.607440 1.012839
5.95E-06 0.476991 42.888137

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.470442 -39.288761 -0.849651
-0.001702 -0.948828 -59.269121
0.57739 -7.470442 -39.288761 -0.849651
-0.001702 -0.592488 -52.274677
0.71826 -7.470442 -39.288761 -0.849651
-0.001702 -0.235904 -46.718852
0.85913 -7.470442 -39.288761 -0.849651
-0.001702 -0.143898 -41.351714
1.00000 -7.470442 -39.288761 -0.849651
-0.001702 -0.568953 -36.459777

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 9.136069 55.009723 1.090714
0.003756 1.208618 116.837516
0.57739 9.136069 55.009723 1.090714
0.003756 0.755203 95.190147
0.71826 9.136069 55.009723 1.090714
0.003756 0.301854 79.878700
0.85913 9.136069 55.009723 1.090714
0.003756 0.139250 83.185786
1.00000 9.136069 55.009723 1.090714
0.003756 0.505241 102.169693

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.136669 -106.480546 -0.873403
-0.004711 -0.969136 -107.376528
0.57739 -7.136669 -106.480546 -0.873403
-0.004711 -0.604888 -72.183163
0.71826 -7.136669 -106.480546 -0.873403
-0.004711 -0.240585 -49.845526
0.85913 -7.136669 -106.480546 -0.873403
-0.004711 -0.167913 -34.727198
1.00000 -7.136669 -106.480546 -0.873403
-0.004711 -0.625012 -33.688484

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 0.707512 20.186148 0.393407
1.21E-05 0.439091 32.339430
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3377

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57739 0.707512 20.186148 0.393407
1.21E-05 0.274071 24.366542
0.71826 0.707512 20.186148 0.393407
1.21E-05 0.109064 17.172817
0.85913 0.707512 20.186148 0.393407
1.21E-05 0.040655 11.903864
1.00000 0.707512 20.186148 0.393407
1.21E-05 0.161506 9.336350

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -4.426734 -16.894053 -0.288029
-0.000737 -0.321862 -31.241959
0.57739 -4.426734 -16.894053 -0.288029
-0.000737 -0.201056 -25.227841
0.71826 -4.426734 -16.894053 -0.288029
-0.000737 -0.080224 -21.054822
0.85913 -4.426734 -16.894053 -0.288029
-0.000737 -0.056185 -17.372319
1.00000 -4.426734 -16.894053 -0.288029
-0.000737 -0.221132 -14.624072

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 5.251625 59.950414 0.738800
0.004403 0.506884 136.300208
0.57739 5.251625 59.950414 0.738800
0.004403 0.506884 112.187372
0.71826 5.251625 59.950414 0.738800
0.004403 0.202656 95.937850
0.85913 5.251625 59.950414 0.738800
0.004403 0.107595 98.576907
1.00000 5.251625 59.950414 0.738800
0.004403 0.245305 104.424801

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -6.748648 -80.646457 -0.401403
-0.005068 -0.440244 -69.375023
0.57739 -6.748648 -80.646457 -0.401403
-0.005068 -0.274807 -38.630136
0.71826 -6.748648 -80.646457 -0.401403
-0.005068 -0.109315 -25.490593
0.85913 -6.748648 -80.646457 -0.401403
-0.005068 -0.123828 -18.448607
1.00000 -6.748648 -80.646457 -0.401403
-0.005068 -0.433154 -12.589653

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 6.395332 56.160171 0.991154
0.003979 1.093914 124.179704
0.57739 6.395332 56.160171 0.991154
0.003979 0.683225 102.179116
0.71826 6.395332 56.160171 0.991154
0.003979 0.272572 87.186211
0.85913 6.395332 56.160171 0.991154
0.003979 0.123553 89.426866
1.00000 6.395332 56.160171 0.991154
0.003979 0.432911 100.353905

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.793008 -86.471949 -0.738971
-0.005438 -0.817878 -79.165705
0.57739 -7.793008 -86.471949 -0.738971
-0.005438 -0.510543 -52.333411
0.71826 -7.793008 -86.471949 -0.738971
-0.005438 -0.203151 -41.092902
0.85913 -7.793008 -86.471949 -0.738971
-0.005438 -0.158184 -35.354276
1.00000 -7.793008 -86.471949 -0.738971
-0.005438 -0.573441 -30.683863
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3378

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 9.126682 62.509368 1.058748
0.003504 1.176026 125.125287
0.57739 9.126682 62.509368 1.058748
0.003504 0.735287 100.424699
0.71826 9.126682 62.509368 1.058748
0.003504 0.294630 80.679353
0.85913 9.126682 62.509368 1.058748
0.003504 0.133024 73.999738
1.00000 9.126682 62.509368 1.058748
0.003504 0.489845 86.561497

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -8.043669 -106.117317 -0.851136
-0.003813 -0.945528 -121.019423
0.57739 -8.043669 -106.117317 -0.851136
-0.003813 -0.590217 -84.030549
0.71826 -8.043669 -106.117317 -0.851136
-0.003813 -0.234846 -57.480700
0.85913 -8.043669 -106.117317 -0.851136
-0.003813 -0.159706 -34.554215
1.00000 -8.043669 -106.117317 -0.851136
-0.003813 -0.603369 -31.215776

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 5.459849 31.132452 0.385909
0.001360 0.431067 43.681534
0.57739 5.459849 31.132452 0.385909
0.001360 0.269179 30.725228
0.71826 5.459849 31.132452 0.385909
0.001360 0.107290 17.910574
0.85913 5.459849 31.132452 0.385909
0.001360 0.059352 5.741309
1.00000 5.459849 31.132452 0.385909
0.001360 0.234542 2.722027

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -3.181257 -40.812532 -0.417363
-7.10E-06 -0.465842 -80.697399
0.57739 -3.181257 -40.812532 -0.417363
-7.10E-06 -0.290754 -63.614739
0.71826 -3.181257 -40.812532 -0.417363
-7.10E-06 -0.115661 -46.558526
0.85913 -3.181257 -40.812532 -0.417363
-7.10E-06 -0.054618 -29.516849
1.00000 -3.181257 -40.812532 -0.417363
-7.10E-06 -0.216525 -13.098538

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 11.876343 54.515296 0.670871
0.006948 0.732093 108.212741
0.57739 11.876343 54.515296 0.670871
0.006948 0.457538 86.476466
0.71826 11.876343 54.515296 0.670871
0.006948 0.185035 73.964906
0.85913 11.876343 54.515296 0.670871
0.006948 0.104544 83.679794
1.00000 11.876343 54.515296 0.670871
0.006948 0.336746 101.803659

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -4.528366 -126.401763 -0.555368
-0.005470 -0.609779 -132.587368
0.57739 -4.528366 -126.401763 -0.555368
-0.005470 -0.380330 -82.244202
0.71826 -4.528366 -126.401763 -0.555368
-0.005470 -0.150898 -51.448951
0.85913 -4.528366 -126.401763 -0.555368
-0.005470 -0.113139 -27.474133
1.00000 -4.528366 -126.401763 -0.555368
-0.005470 -0.398955 -13.474133
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3379

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 10.224923 80.100881 0.929637
0.005067 1.026798 159.529544
0.57739 10.224923 80.100881 0.929637
0.005067 0.641693 126.842976
0.71826 10.224923 80.100881 0.929637
0.005067 0.258724 100.592486
0.85913 10.224923 80.100881 0.929637
0.005067 0.113916 90.548791
1.00000 10.224923 80.100881 0.929637
0.005067 0.398413 89.607598

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -7.918872 -113.895092 -0.679679
-0.004008 -0.752012 -139.126315
0.57739 -7.918872 -113.895092 -0.679679
-0.004008 -0.469336 -93.274387
0.71826 -7.918872 -113.895092 -0.679679
-0.004008 -0.186654 -60.904816
0.85913 -7.918872 -113.895092 -0.679679
-0.004008 -0.147519 -33.570606
1.00000 -7.918872 -113.895092 -0.679679
-0.004008 -0.537019 -14.865111

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43652 9.510305 70.738603 1.050660
0.004200 1.163913 135.370911
0.57739 9.510305 70.738603 1.050660
0.004200 0.727252 107.068076
0.71826 9.510305 70.738603 1.050660
0.004200 0.292296 84.435657
0.85913 9.510305 70.738603 1.050660
0.004200 0.138031 75.711282
1.00000 9.510305 70.738603 1.050660
0.004200 0.495410 78.296366

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43652 -8.848225 -106.570204 -0.857695
-0.004030 -0.952074 -133.075617
0.57739 -8.848225 -106.570204 -0.857695
-0.004030 -0.594283 -94.063888
0.71826 -8.848225 -106.570204 -0.857695
-0.004030 -0.236488 -67.629681
0.85913 -8.848225 -106.570204 -0.857695
-0.004030 -0.161973 -45.413265
1.00000 -8.848225 -106.570204 -0.857695
-0.004030 -0.602363 -30.462946

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.762678	5.473911	0.895764
6.30E-06	1.000654	6.523687	
0.57739	4.762678	5.473911	0.895764
6.30E-06	0.624838	5.271610	
0.71826	4.762678	5.473911	0.895764
6.30E-06	0.249032	4.632293	
0.85913	4.762678	5.473911	0.895764
6.30E-06	0.124250	7.162596	
1.00000	4.762678	5.473911	0.895764
6.30E-06	0.499197	14.278027	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-1.329019	-23.481211	-0.891284
-0.001212	-0.995489	-41.679598	
0.57739	-1.329019	-23.481211	-0.891284
-0.001212	-0.621244	-35.276460	
0.71826	-1.329019	-23.481211	-0.891284
-0.001212	-0.246955	-29.214864	
0.85913	-1.329019	-23.481211	-0.891284
-0.001212	-0.126786	-26.060430	
1.00000	-1.329019	-23.481211	-0.891284
-0.001212	-0.502610	-26.516938	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3380

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	5.970171	14.955920	1.590492
0.000111	1.778519	15.551251	
0.57739	5.970171	14.955920	1.590492
0.000111	1.108211	10.947429	
0.71826	5.970171	14.955920	1.590492
0.000111	0.440989	7.452560	
0.85913	5.970171	14.955920	1.590492
0.000111	0.196324	9.343434	
1.00000	5.970171	14.955920	1.590492
0.000111	0.791257	20.519707	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-4.478744	-44.702173	-1.414951
-0.002100	-1.581226	-81.561461	
0.57739	-4.478744	-44.702173	-1.414951
-0.002100	-0.987249	-68.326770	
0.71826	-4.478744	-44.702173	-1.414951
-0.002100	-0.392643	-56.021355	
0.85913	-4.478744	-44.702173	-1.414951
-0.002100	-0.226755	-47.703168	
1.00000	-4.478744	-44.702173	-1.414951
-0.002100	-0.894130	-46.572647	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	6.042084	49.612720	1.926427
1.40E-05	2.152136	107.664384	
0.57739	6.042084	49.612720	1.926427
1.40E-05	1.344228	88.976640	
0.71826	6.042084	49.612720	1.926427
1.40E-05	0.536824	71.255134	
0.85913	6.042084	49.612720	1.926427
1.40E-05	0.220831	57.819830	
1.00000	6.042084	49.612720	1.926427
1.40E-05	0.894182	53.575969	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-6.678878	-52.098839	-1.602744
-0.001782	-1.791742	-89.656718	
0.57739	-6.678878	-52.098839	-1.602744
-0.001782	-1.118725	-73.337903	
0.71826	-6.678878	-52.098839	-1.602744
-0.001782	-0.444857	-57.462002	
0.85913	-6.678878	-52.098839	-1.602744
-0.001782	-0.272774	-44.716614	
1.00000	-6.678878	-52.098839	-1.602744
-0.001782	-1.080970	-38.845244	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	10.025664	55.226536	1.977189
0.003233	2.201855	119.678140	
0.57739	10.025664	55.226536	1.977189
0.003233	1.375651	99.446995	
0.71826	10.025664	55.226536	1.977189
0.003233	0.550789	85.114498	
0.85913	10.025664	55.226536	1.977189
0.003233	0.241194	86.128748	
1.00000	10.025664	55.226536	1.977189
0.003233	0.929984	105.556237	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-7.068781	-105.792812	-1.640479
-0.004001	-1.825697	-125.823674	
0.57739	-7.068781	-105.792812	-1.640479
-0.004001	-1.138916	-86.965191	
0.71826	-7.068781	-105.792812	-1.640479
-0.004001	-0.452619	-57.568655	
0.85913	-7.068781	-105.792812	-1.640479
-0.004001	-0.235282	-48.635282	
1.00000	-7.068781	-105.792812	-1.640479
-0.004001	-1.119863	-35.906023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3381

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.894019	17.362804	0.741642
7.47E-06	0.827713	28.468313	
0.57739	0.894019	17.362804	0.741642
7.47E-06	0.516561	22.013791	
0.71826	0.894019	17.362804	0.741642
7.47E-06	0.205507	15.912067	
0.85913	0.894019	17.362804	0.741642
7.47E-06	0.071412	10.869774	
1.00000	0.894019	17.362804	0.741642
7.47E-06	0.292138	10.139265	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-3.829658	-21.741796	-0.524546
-0.000679	-0.587169	-39.301413	
0.57739	-3.829658	-21.741796	-0.524546
-0.000679	-0.366684	-31.734038	
0.71826	-3.829658	-21.741796	-0.524546
-0.000679	-0.145936	-24.445772	
0.85913	-3.829658	-21.741796	-0.524546
-0.000679	-0.106245	-17.661478	
1.00000	-3.829658	-21.741796	-0.524546
-0.000679	-0.417039	-14.099736	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.965775	51.778052	1.213474
0.004071	1.341996	126.173699	
0.57739	4.965775	51.778052	1.213474
0.004071	0.837636	107.018759	
0.71826	4.965775	51.778052	1.213474
0.004071	0.335569	95.215220	
0.85913	4.965775	51.778052	1.213474
0.004071	0.136405	98.179473	
1.00000	4.965775	51.778052	1.213474
0.004071	0.490776	105.606924	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-5.836586	-78.398011	-0.844337
-0.004375	-0.933468	-74.115930	
0.57739	-5.836586	-78.398011	-0.844337
-0.004375	-0.582018	-44.222285	
0.71826	-5.836586	-78.398011	-0.844337
-0.004375	-0.231308	-27.966603	
0.85913	-5.836586	-78.398011	-0.844337
-0.004375	-0.192630	-18.200266	
1.00000	-5.836586	-78.398011	-0.844337
-0.004375	-0.699219	-11.534821	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	7.228809	50.612069	1.806511
0.003685	2.005346	117.177193	
0.57739	7.228809	50.612069	1.806511
0.003685	1.251938	98.972485	
0.71826	7.228809	50.612069	1.806511
0.003685	0.500308	87.377630	
0.85913	7.228809	50.612069	1.806511
0.003685	0.213673	89.735503	
1.00000	7.228809	50.612069	1.806511
0.003685	0.808772	103.408582	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-6.935050	-89.867475	-1.416517
-0.004887	-1.574025	-102.155525	
0.57739	-6.935050	-89.867475	-1.416517
-0.004887	-0.982114	-69.792352	
0.71826	-6.935050	-89.867475	-1.416517
-0.004887	-0.390736	-49.795467	
0.85913	-6.935050	-89.867475	-1.416517
-0.004887	-0.275040	-36.302143	
1.00000	-6.935050	-89.867475	-1.416517
-0.004887	-1.030530	-30.891439	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3382

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	9.256751	63.974623	1.935057
0.003167	2.157664	128.408459	
0.57739	9.256751	63.974623	1.935057
0.003167	1.348999	104.064116	
0.71826	9.256751	63.974623	1.935057
0.003167	0.540793	84.096570	
0.85913	9.256751	63.974623	1.935057
0.003167	0.228006	74.244470	
1.00000	9.256751	63.974623	1.935057
0.003167	0.883029	88.950771	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-8.335146	-104.467990	-1.558888
-0.003272	-1.735760	-132.675993	
0.57739	-8.335146	-104.467990	-1.558888
-0.003272	-1.083024	-93.176448	
0.71826	-8.335146	-104.467990	-1.558888
-0.003272	-0.430233	-61.266875	
0.85913	-8.335146	-104.467990	-1.558888
-0.003272	-0.262620	-34.469219	
1.00000	-8.335146	-104.467990	-1.558888
-0.003272	-1.093007	-32.349728	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.828812	43.448570	0.726893
0.001473	0.816947	56.081040	
0.57739	4.828812	43.448570	0.726893
0.001473	0.512100	38.079077	
0.71826	4.828812	43.448570	0.726893
0.001473	0.207253	20.355558	
0.85913	4.828812	43.448570	0.726893
0.001473	0.091302	5.220087	
1.00000	4.828812	43.448570	0.726893
0.001473	0.359877	3.267616	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-5.089924	-36.606883	-0.639264
-4.22E-06	-0.712600	-71.704233	
0.57739	-5.089924	-36.606883	-0.639264
-4.22E-06	-0.444395	-56.514099	
0.71826	-5.089924	-36.606883	-0.639264
-4.22E-06	-0.176105	-41.545415	
0.85913	-5.089924	-36.606883	-0.639264
-4.22E-06	-0.098262	-28.908362	
1.00000	-5.089924	-36.606883	-0.639264
-4.22E-06	-0.403551	-26.385572	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	11.024148	65.521405	1.138963
0.007411	1.258423	120.568359	
0.57739	11.024148	65.521405	1.138963
0.007411	0.787456	95.042136	
0.71826	11.024148	65.521405	1.138963
0.007411	0.317943	79.884175	
0.85913	11.024148	65.521405	1.138963
0.007411	0.164485	86.896935	
1.00000	11.024148	65.521405	1.138963
0.007411	0.561017	108.763739	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-6.563437	-118.943290	-0.946992
-0.005454	-1.040169	-121.871339	
0.57739	-6.563437	-118.943290	-0.946992
-0.005454	-0.647183	-73.709924	
0.71826	-6.563437	-118.943290	-0.946992
-0.005454	-0.256535	-44.780006	
0.85913	-6.563437	-118.943290	-0.946992
-0.005454	-0.182917	-26.737567	
1.00000	-6.563437	-118.943290	-0.946992
-0.005454	-0.660175	-23.541220	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3383

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	9.615395	82.580765	1.593902
0.005621	1.771749	159.196462	
0.57739	9.615395	82.580765	1.593902
0.005621	1.108459	126.882116	
0.71826	9.615395	82.580765	1.593902
0.005621	0.446178	102.054032	
0.85913	9.615395	82.580765	1.593902
0.005621	0.194191	93.756956	
1.00000	9.615395	82.580765	1.593902
0.005621	0.712645	100.481900	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-8.978717	-112.071425	-1.235352
-0.004160	-1.368101	-129.923091	
0.57739	-8.978717	-112.071425	-1.235352
-0.004160	-0.852620	-85.095335	
0.71826	-8.978717	-112.071425	-1.235352
-0.004160	-0.338241	-54.181937	
0.85913	-8.978717	-112.071425	-1.235352
-0.004160	-0.241458	-31.350143	
1.00000	-8.978717	-112.071425	-1.235352
-0.004160	-0.908439	-22.804281	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	9.605762	73.734216	1.928817
0.004670	2.146734	136.554153	
0.57739	9.605762	73.734216	1.928817
0.004670	1.342029	108.208622	
0.71826	9.605762	73.734216	1.928817
0.004670	0.538158	86.183433	
0.85913	9.605762	73.734216	1.928817
0.004670	0.230572	78.505461	
1.00000	9.605762	73.734216	1.928817
0.004670	0.872623	88.413416	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-9.623379	-109.848604	-1.528915
-0.004178	-1.698671	-141.230936	
0.57739	-9.623379	-109.848604	-1.528915
-0.004178	-1.059462	-99.069119	
0.71826	-9.623379	-109.848604	-1.528915
-0.004178	-0.420814	-68.514388	
0.85913	-9.623379	-109.848604	-1.528915
-0.004178	-0.286825	-45.009985	
1.00000	-9.623379	-109.848604	-1.528915
-0.004178	-1.094622	-37.052684	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	11.876343	80.100881	1.090714
0.006948	1.208618	159.529544	
0.57739	11.876343	80.100881	1.090714
0.006948	0.755203	126.842976	
0.71826	11.876343	80.100881	1.090714
0.006948	0.301854	100.592486	
0.85913	11.876343	80.100881	1.090714
0.006948	0.139250	98.576907	
1.00000	11.876343	80.100881	1.090714
0.006948	0.505241	104.424801	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-8.848225	-126.401763	-0.873403
-0.005470	-0.969136	-139.126315	
0.57739	-8.848225	-126.401763	-0.873403
-0.005470	-0.604888	-94.063888	
0.71826	-8.848225	-126.401763	-0.873403
-0.005470	-0.240585	-67.629681	
0.85913	-8.848225	-126.401763	-0.873403
-0.005470	-0.167913	-45.413265	
1.00000	-8.848225	-126.401763	-0.873403
-0.005470	-0.625012	-44.241027	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3384

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	11.024148	82.580765	1.977189
0.007411	2.201855	159.196462	
0.57739	11.024148	82.580765	1.977189
0.007411	1.375651	126.882116	
0.71826	11.024148	82.580765	1.977189
0.007411	0.550789	102.054032	
0.85913	11.024148	82.580765	1.977189
0.007411	0.241194	98.179473	
1.00000	11.024148	82.580765	1.977189
0.007411	0.929984	108.763739	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-9.623379	-118.943290	-1.640479
-0.005454	-1.825697	-141.230936	
0.57739	-9.623379	-118.943290	-1.640479
-0.005454	-1.138916	-99.069119	
0.71826	-9.623379	-118.943290	-1.640479
-0.005454	-0.452619	-68.514388	
0.85913	-9.623379	-118.943290	-1.640479
-0.005454	-0.235564	-47.703168	
1.00000	-9.623379	-118.943290	-1.640479
-0.005454	-1.119863	-46.572647	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	11.876343	82.580765	1.977189
0.007411	2.201855	159.529544	
0.57739	11.876343	82.580765	1.977189
0.007411	1.375651	126.882116	
0.71826	11.876343	82.580765	1.977189
0.007411	0.550789	102.054032	
0.85913	11.876343	82.580765	1.977189
0.007411	0.241194	98.576907	
1.00000	11.876343	82.580765	1.977189
0.007411	0.929984	108.763739	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-9.623379	-126.401763	-1.640479
-0.005470	-1.825697	-141.230936	
0.57739	-9.623379	-126.401763	-1.640479
-0.005470	-1.138916	-99.069119	
0.71826	-9.623379	-126.401763	-1.640479
-0.005470	-0.452619	-68.514388	
0.85913	-9.623379	-126.401763	-1.640479
-0.005470	-0.290564	-47.703168	
1.00000	-9.623379	-126.401763	-1.640479
-0.005470	-1.119863	-46.572647	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	11.876343	82.580765	1.977189
0.007411	2.201855	159.529544	
0.57739	11.876343	82.580765	1.977189
0.007411	1.375651	126.882116	
0.71826	11.876343	82.580765	1.977189
0.007411	0.550789	102.054032	
0.85913	11.876343	82.580765	1.977189
0.007411	0.241194	98.576907	
1.00000	11.876343	82.580765	1.977189
0.007411	0.929984	108.763739	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-9.623379	-126.401763	-1.640479
-0.005470	-1.825697	-141.230936	
0.57739	-9.623379	-126.401763	-1.640479
-0.005470	-1.138916	-99.069119	
0.71826	-9.623379	-126.401763	-1.640479
-0.005470	-0.452619	-68.514388	
0.85913	-9.623379	-126.401763	-1.640479
-0.005470	-0.290564	-47.703168	
1.00000	-9.623379	-126.401763	-1.640479
-0.005470	-1.119863	-46.572647	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3385

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 319 ========== LENGTH = 2.977112

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.805571	2.468013	0.430070
6.57E-06	0.240185	10.656632	
0.14083	2.805571	2.468013	0.430070
6.57E-06	0.059838	17.271757	
0.28167	2.805571	2.468013	0.430070
6.57E-06	0.139248	24.159315	
0.42250	2.805571	2.468013	0.430070
6.57E-06	0.347858	31.110053	
0.56334	2.805571	2.468013	0.430070
6.57E-06	0.556458	38.082433	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.190702	-16.721600	-0.497531
-0.000759	-0.277988	-23.782315	
0.14083	-1.190702	-16.721600	-0.497531
-0.000759	-0.069338	-24.621936	
0.28167	-1.190702	-16.721600	-0.497531
-0.000759	-0.120480	-25.487312	
0.42250	-1.190702	-16.721600	-0.497531
-0.000759	-0.300786	-26.373196	
0.56334	-1.190702	-16.721600	-0.497531
-0.000759	-0.481094	-27.311516	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.626874	12.903526	0.745863
0.000177	0.415371	16.853323	
0.14083	3.626874	12.903526	0.745863
0.000177	0.102730	27.199485	
0.28167	3.626874	12.903526	0.745863
0.000177	0.224521	38.610312	
0.42250	3.626874	12.903526	0.745863
0.000177	0.561872	51.021444	
0.56334	3.626874	12.903526	0.745863
0.000177	0.899196	63.956949	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.726629	-31.380535	-0.804714
-0.001554	-0.450979	-44.247768	
0.14083	-4.726629	-31.380535	-0.804714
-0.001554	-0.113484	-46.438561	
0.28167	-4.726629	-31.380535	-0.804714
-0.001554	-0.210781	-49.052463	
0.42250	-4.726629	-31.380535	-0.804714
-0.001554	-0.523156	-52.383326	
0.56334	-4.726629	-31.380535	-0.804714
-0.001554	-0.835613	-56.769252	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.920942	52.950489	0.982268
5.91E-06	0.545174	42.891050	
0.14083	3.920942	52.950489	0.982268
5.91E-06	0.133454	44.963589	
0.28167	3.920942	52.950489	0.982268
5.91E-06	0.238047	53.954369	
0.42250	3.920942	52.950489	0.982268
5.91E-06	0.596470	64.564088	
0.56334	3.920942	52.950489	0.982268
5.91E-06	0.954654	75.734178	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.410181	-39.070787	-0.854558
-0.001762	-0.478573	-36.458489	
0.14083	-7.410181	-39.070787	-0.854558
-0.001762	-0.120344	-35.780971	
0.28167	-7.410181	-39.070787	-0.854558
-0.001762	-0.278744	-51.436729	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3386

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-7.410181	-39.070787	-0.854558
-0.001762	-0.690516	-71.819616	
0.56334	-7.410181	-39.070787	-0.854558
-0.001762	-1.102349	-93.215100	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.887284	88.917806	1.080217
0.003670	0.615084	102.362152	
0.14083	6.887284	88.917806	1.080217
0.003670	0.162905	102.452922	
0.28167	6.887284	88.917806	1.080217
0.003670	0.242255	108.149710	
0.42250	6.887284	88.917806	1.080217
0.003670	0.606608	125.228812	
0.56334	6.887284	88.917806	1.080217
0.003670	0.970785	149.445602	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.791524	-69.607978	-0.871682
-0.004630	-0.501901	-33.617380	
0.14083	-8.791524	-69.607978	-0.871682
-0.004630	-0.136897	-36.541118	
0.28167	-8.791524	-69.607978	-0.871682
-0.004630	-0.302364	-53.264593	
0.42250	-8.791524	-69.607978	-0.871682
-0.004630	-0.760361	-73.602770	
0.56334	-8.791524	-69.607978	-0.871682
-0.004630	-1.198418	-105.610002	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.699950	19.941436	0.368305
9.00E-06	0.202867	9.338934	
0.14083	0.699950	19.941436	0.368305
9.00E-06	0.048678	11.419612	
0.28167	0.699950	19.941436	0.368305
9.00E-06	0.081098	14.884107	
0.42250	0.699950	19.941436	0.368305
9.00E-06	0.203742	20.231182	
0.56334	0.699950	19.941436	0.368305
9.00E-06	0.326325	27.035834	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.403715	-16.811840	-0.292433
-0.000707	-0.164160	-14.625125	
0.14083	-4.403715	-16.811840	-0.292433
-0.000707	-0.041536	-18.375059	
0.28167	-4.403715	-16.811840	-0.292433
-0.000707	-0.106133	-24.381396	
0.42250	-4.403715	-16.811840	-0.292433
-0.000707	-0.260428	-31.629301	
0.56334	-4.403715	-16.811840	-0.292433
-0.000707	-0.414839	-39.340457	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.161261	106.369521	0.713671
0.004593	0.414255	104.689344	
0.14083	2.161261	106.369521	0.713671
0.004593	0.116076	77.988837	
0.28167	2.161261	106.369521	0.713671
0.004593	0.109964	58.611597	
0.42250	2.161261	106.369521	0.713671
0.004593	0.276346	54.741911	
0.56334	2.161261	106.369521	0.713671
0.004593	0.442503	60.624061	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.012891	-29.826002	-0.400529
-0.005380	-0.243979	-12.581253	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.14083	-9.012891	-29.826002	-0.400529
-0.005380	-0.076771	-11.278950	
0.28167	-9.012891	-29.826002	-0.400529
-0.005380	-0.200001	-28.304262	
0.42250	-9.012891	-29.826002	-0.400529
-0.005380	-0.492507	-49.955354	
0.56334	-9.012891	-29.826002	-0.400529
-0.005380	-0.785132	-87.503163	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.585074	98.089414	0.967674
0.004151	0.554896	100.599867	
0.14083	3.585074	98.089414	0.967674
0.004151	0.150089	82.293672	
0.28167	3.585074	98.089414	0.967674
0.004151	0.204730	70.487872	
0.42250	3.585074	98.089414	0.967674
0.004151	0.513350	72.643169	
0.56334	3.585074	98.089414	0.967674
0.004151	0.821769	83.592371	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.831578	-40.469552	-0.739420
-0.005477	-0.431632	-30.679155	
0.14083	-9.831578	-40.469552	-0.739420
-0.005477	-0.122131	-30.179840	
0.28167	-9.831578	-40.469552	-0.739420
-0.005477	-0.270824	-46.661848	
0.42250	-9.831578	-40.469552	-0.739420
-0.005477	-0.670482	-66.976466	
0.56334	-9.831578	-40.469552	-0.739420
-0.005477	-1.070242	-101.673816	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.318694	89.928223	1.059165
0.003407	0.601265	86.711643	
0.14083	7.318694	89.928223	1.059165
0.003407	0.157809	92.854342	
0.28167	7.318694	89.928223	1.059165
0.003407	0.236549	104.580532	
0.42250	7.318694	89.928223	1.059165
0.003407	0.592702	125.771573	
0.56334	7.318694	89.928223	1.059165
0.003407	0.948660	152.837721	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.383388	-76.418488	-0.851537
-0.003876	-0.488214	-31.202348	
0.14083	-9.383388	-76.418488	-0.851537
-0.003876	-0.131497	-36.874470	
0.28167	-9.383388	-76.418488	-0.851537
-0.003876	-0.296555	-56.826159	
0.42250	-9.383388	-76.418488	-0.851537
-0.003876	-0.736582	-80.393936	
0.56334	-9.383388	-76.418488	-0.851537
-0.003876	-1.176752	-113.642598	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.501735	31.236731	0.393613
0.001313	0.221435	2.718639	
0.14083	5.501735	31.236731	0.393613
0.001313	0.056490	6.308191	
0.28167	5.501735	31.236731	0.393613
0.001313	0.116195	23.070118	
0.42250	5.501735	31.236731	0.393613
0.001313	0.290638	40.178112	
0.56334	5.501735	31.236731	0.393613
0.001313	0.465077	57.360476	

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.200665	-41.235088	-0.416050
-2.02E-05	-0.232705	-13.110991	
0.14083	-3.200665	-41.235088	-0.416050
-2.02E-05	-0.058196	-23.410296	
0.28167	-3.200665	-41.235088	-0.416050
-2.02E-05	-0.108887	-35.666427	
0.42250	-3.200665	-41.235088	-0.416050
-2.02E-05	-0.273720	-48.493111	
0.56334	-3.200665	-41.235088	-0.416050
-2.02E-05	-0.438702	-61.501683	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.184785	111.829101	0.706075
0.007017	0.419468	102.125962	
0.14083	8.184785	111.829101	0.706075
0.007017	0.124475	88.227581	
0.28167	8.184785	111.829101	0.706075
0.007017	0.151158	83.766640	
0.42250	8.184785	111.829101	0.706075
0.007017	0.377935	97.446445	
0.56334	8.184785	111.829101	0.706075
0.007017	0.604765	122.549516	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.363841	-65.200700	-0.545728
-0.005447	-0.328464	-13.452287	
0.14083	-7.363841	-65.200700	-0.545728
-0.005447	-0.100347	-27.097984	
0.28167	-7.363841	-65.200700	-0.545728
-0.005447	-0.191899	-41.837090	
0.42250	-7.363841	-65.200700	-0.545728
-0.005447	-0.479699	-61.694376	
0.56334	-7.363841	-65.200700	-0.545728
-0.005447	-0.767572	-100.520531	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.695694	118.972291	0.945327
0.005100	0.543253	89.823164	
0.14083	7.695694	118.972291	0.945327
0.005100	0.147776	82.561710	
0.28167	7.695694	118.972291	0.945327
0.005100	0.187465	85.519522	
0.42250	7.695694	118.972291	0.945327
0.005100	0.469777	101.591705	
0.56334	7.695694	118.972291	0.945327
0.005100	0.751941	125.806227	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.829370	-72.034665	-0.676478
-0.004359	-0.394857	-14.841425	
0.14083	-9.829370	-72.034665	-0.676478
-0.004359	-0.111708	-24.718661	
0.28167	-9.829370	-72.034665	-0.676478
-0.004359	-0.262937	-52.298201	
0.42250	-9.829370	-72.034665	-0.676478
-0.004359	-0.653565	-83.325798	
0.56334	-9.829370	-72.034665	-0.676478
-0.004359	-1.044292	-127.504779	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.408131	102.794949	1.053085
0.004226	0.600186	78.480061	
0.14083	7.408131	102.794949	1.053085
0.004226	0.159382	77.136823	
0.28167	7.408131	102.794949	1.053085
0.004226	0.238069	84.578307	
0.42250	7.408131	102.794949	1.053085
0.004226	0.596610	102.989036	
0.56334	7.408131	102.794949	1.053085
0.004226	0.955008	128.185114	

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.420179	-71.903936	-0.857698
-0.004139	-0.493621	-30.445980	
0.14083	-10.420179	-71.903936	-0.857698
-0.004139	-0.134464	-39.423330	
0.28167	-10.420179	-71.903936	-0.857698
-0.004139	-0.294049	-62.718634	
0.42250	-10.420179	-71.903936	-0.857698
-0.004139	-0.730838	-89.552490	
0.56334	-10.420179	-71.903936	-0.857698
-0.004139	-1.167718	-127.540525	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.722384	5.468881	0.882162
3.82E-06	0.491384	14.288233	
0.14083	4.722384	5.468881	0.882162
3.82E-06	0.121438	22.644569	
0.28167	4.722384	5.468881	0.882162
3.82E-06	0.248579	31.614531	
0.42250	4.722384	5.468881	0.882162
3.82E-06	0.623292	40.770786	
0.56334	4.722384	5.468881	0.882162
3.82E-06	0.997842	50.120514	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.317113	-23.244956	-0.892629
-0.000796	-0.498047	-26.522898	
0.14083	-1.317113	-23.244956	-0.892629
-0.000796	-0.123007	-27.604245	
0.28167	-1.317113	-23.244956	-0.892629
-0.000796	-0.248402	-28.885376	
0.42250	-1.317113	-23.244956	-0.892629
-0.000796	-0.618280	-30.537047	
0.56334	-1.317113	-23.244956	-0.892629
-0.000796	-0.988163	-32.438816	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.841398	15.703952	1.539789
0.000106	0.855235	20.540080	
0.14083	5.841398	15.703952	1.539789
0.000106	0.209641	35.092899	
0.28167	5.841398	15.703952	1.539789
0.000106	0.397489	50.961997	
0.42250	5.841398	15.703952	1.539789
0.000106	1.001190	69.930059	
0.56334	5.841398	15.703952	1.539789
0.000106	1.604117	85.409409	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.511585	-43.265763	-1.437255
-0.001567	-0.804619	-46.583241	
0.14083	-4.511585	-43.265763	-1.437255
-0.001567	-0.200884	-48.341273	
0.28167	-4.511585	-43.265763	-1.437255
-0.001567	-0.436419	-51.422141	
0.42250	-4.511585	-43.265763	-1.437255
-0.001567	-1.081984	-56.145636	
0.56334	-4.511585	-43.265763	-1.437255
-0.001567	-1.727402	-61.950711	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.989865	48.881547	1.870901
8.02E-06	1.038276	53.590395	
0.14083	5.989865	48.881547	1.870901
8.02E-06	0.253854	59.879926	
0.28167	5.989865	48.881547	1.870901
8.02E-06	0.450658	73.980652	
0.42250	5.989865	48.881547	1.870901
8.02E-06	1.136489	91.592557	
0.56334	5.989865	48.881547	1.870901
8.02E-06	1.821511	110.223198	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.629408	-51.793416	-1.632258
-0.001734	-0.912540	-38.849326	
0.14083	-6.629408	-51.793416	-1.632258
-0.001734	-0.227532	-38.900836	
0.28167	-6.629408	-51.793416	-1.632258
-0.001734	-0.531883	-51.555566	
0.42250	-6.629408	-51.793416	-1.632258
-0.001734	-1.315547	-69.897018	
0.56334	-6.629408	-51.793416	-1.632258
-0.001734	-2.099769	-89.201912	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.283374	80.810320	1.949527
0.002885	1.096389	105.588560	
0.14083	8.283374	80.810320	1.949527
0.002885	0.279336	111.477856	
0.28167	8.283374	80.810320	1.949527
0.002885	0.457013	124.104338	
0.42250	8.283374	80.810320	1.949527
0.002885	1.148737	147.061225	
0.56334	8.283374	80.810320	1.949527
0.002885	1.840636	176.300885	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.461872	-78.225787	-1.653613
-0.004030	-0.935977	-35.899027	
0.14083	-8.461872	-78.225787	-1.653613
-0.004030	-0.242552	-40.050727	
0.28167	-8.461872	-78.225787	-1.653613
-0.004030	-0.549949	-55.056789	
0.42250	-8.461872	-78.225787	-1.653613
-0.004030	-1.062639	-75.456616	
0.56334	-8.461872	-78.225787	-1.653613
-0.004030	-2.176272	-107.349566	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.872907	17.063937	0.702108
5.30E-06	0.387728	10.146722	
0.14083	0.872907	17.063937	0.702108
5.30E-06	0.093786	14.887186	
0.28167	0.872907	17.063937	0.702108
5.30E-06	0.145307	21.698418	
0.42250	0.872907	17.063937	0.702108
5.30E-06	0.379617	29.801134	
0.56334	0.872907	17.063937	0.702108
5.30E-06	0.609630	38.523620	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.812697	-21.620800	-0.547651
-0.000709	-0.307945	-14.103426	
0.14083	-3.812697	-21.620800	-0.547651
-0.000709	-0.077608	-16.682382	
0.28167	-3.812697	-21.620800	-0.547651
-0.000709	-0.201324	-21.610875	
0.42250	-3.812697	-21.620800	-0.547651
-0.000709	-0.495594	-27.647413	
0.56334	-3.812697	-21.620800	-0.547651
-0.000709	-0.789975	-34.247936	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.309317	90.859446	1.175226
0.003896	0.669926	105.652353	
0.14083	2.309317	90.859446	1.175226
0.003896	0.178157	84.897648	
0.28167	2.309317	90.859446	1.175226
0.003896	0.234836	72.878424	
0.42250	2.309317	90.859446	1.175226
0.003896	0.593925	74.732966	
0.56334	2.309317	90.859446	1.175226
0.003896	0.953491	85.553865	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.961034	-36.026121	-0.863862
-0.004889	-0.503348	-11.526229	
0.14083	-7.961034	-36.026121	-0.863862
-0.004889	-0.141223	-10.451001	
0.28167	-7.961034	-36.026121	-0.863862
-0.004889	-0.376376	-24.340407	
0.42250	-7.961034	-36.026121	-0.863862
-0.004889	-0.817702	-43.466090	
0.56334	-7.961034	-36.026121	-0.863862
-0.004889	-1.304859	-79.485873	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.796686	85.938425	1.754574
0.003526	0.990540	103.457739	
0.14083	4.796686	85.938425	1.754574
0.003526	0.255697	91.664377	
0.28167	4.796686	85.938425	1.754574
0.003526	0.396215	88.587916	
0.42250	4.796686	85.938425	1.754574
0.003526	0.999371	97.912822	
0.56334	4.796686	85.938425	1.754574
0.003526	1.602620	115.414453	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.843428	-51.398151	-1.444325
-0.005108	-0.826140	-30.889248	
0.14083	-8.843428	-51.398151	-1.444325
-0.005108	-0.219963	-30.762152	
0.28167	-8.843428	-51.398151	-1.444325
-0.005108	-0.495862	-44.853178	
0.42250	-8.843428	-51.398151	-1.444325
-0.005108	-1.225266	-63.509224	
0.56334	-8.843428	-51.398151	-1.444325
-0.005108	-1.955619	-97.490697	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.829175	85.182626	1.921277
0.002828	1.079248	88.971523	
0.14083	7.829175	85.182626	1.921277
0.002828	0.273881	98.984509	
0.28167	7.829175	85.182626	1.921277
0.002828	0.434582	116.414019	
0.42250	7.829175	85.182626	1.921277
0.002828	1.093289	142.333265	
0.56334	7.829175	85.182626	1.921277
0.002828	1.751842	173.430049	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.500357	-81.791627	-1.573362
-0.003445	-0.890137	-32.334956	
0.14083	-9.500357	-81.791627	-1.573362
-0.003445	-0.229528	-40.572525	
0.28167	-9.500357	-81.791627	-1.573362
-0.003445	-0.541865	-61.178887	
0.42250	-9.500357	-81.791627	-1.573362
-0.003445	-1.343954	-85.869126	
0.56334	-9.500357	-81.791627	-1.573362
-0.003445	-2.145848	-120.028905	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.873607	43.578929	0.768654
0.001374	0.431748	3.261743	
0.14083	4.873607	43.578929	0.768654
0.001374	0.109642	8.016520	
0.28167	4.873607	43.578929	0.768654
0.001374	0.175982	22.503066	
0.42250	4.873607	43.578929	0.768654
0.001374	0.438797	37.648958	
0.56334	4.873607	43.578929	0.768654
0.001374	0.701548	52.958924	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.126961	-36.981099	-0.626611
-1.55E-05	-0.349111	-26.380050	
0.14083	-5.126961	-36.981099	-0.626611
-1.55E-05	-0.086334	-38.183793	
0.28167	-5.126961	-36.981099	-0.626611
-1.55E-05	-0.213657	-55.197423	
0.42250	-5.126961	-36.981099	-0.626611
-1.55E-05	-0.536261	-73.100761	
0.56334	-5.126961	-36.981099	-0.626611
-1.55E-05	-0.858472	-91.197534	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.332086	121.952052	1.193342
0.007002	0.695632	108.814538	
0.14083	7.332086	121.952052	1.193342
0.007002	0.196447	94.618997	
0.28167	7.332086	121.952052	1.193342
0.007002	0.255734	87.408166	
0.42250	7.332086	121.952052	1.193342
0.007002	0.635956	97.608939	
0.56334	7.332086	121.952052	1.193342
0.007002	1.017834	119.846180	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.666344	-59.467403	-0.920952
-0.005693	-0.539722	-23.515557	
0.14083	-9.666344	-59.467403	-0.920952
-0.005693	-0.154673	-40.308964	
0.28167	-9.666344	-59.467403	-0.920952
-0.005693	-0.327713	-60.577696	
0.42250	-9.666344	-59.467403	-0.920952
-0.005693	-0.819318	-86.071600	
0.56334	-9.666344	-59.467403	-0.920952
-0.005693	-1.311620	-134.919270	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.955858	122.976828	1.620503
0.005297	0.923557	100.519746	
0.14083	6.955858	122.976828	1.620503
0.005297	0.246609	91.925931	
0.28167	6.955858	122.976828	1.620503
0.005297	0.340120	94.463488	
0.42250	6.955858	122.976828	1.620503
0.005297	0.853244	110.846693	
0.56334	6.955858	122.976828	1.620503
0.005297	1.366970	136.030032	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.199990	-69.271099	-1.231864
-0.004657	-0.707446	-22.780944	
0.14083	-11.199990	-69.271099	-1.231864
-0.004657	-0.191017	-36.629539	
0.28167	-11.199990	-69.271099	-1.231864
-0.004657	-0.452802	-65.824657	
0.42250	-11.199990	-69.271099	-1.231864
-0.004657	-1.125582	-98.337268	
0.56334	-11.199990	-69.271099	-1.231864
-0.004657	-1.798906	-147.902811	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.378865	107.119816	1.924995
0.004400	1.087995	88.452358	
0.14083	7.378865	107.119816	1.924995
0.004400	0.282916	87.462445	
0.28167	7.378865	107.119816	1.924995
0.004400	0.424798	96.367437	
0.42250	7.378865	107.119816	1.924995
0.004400	1.068174	116.579521	
0.56334	7.378865	107.119816	1.924995
0.004400	1.711689	144.322253	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.454904	-74.250504	-1.539981
-0.004417	-0.877481	-37.037503	
0.14083	-11.454904	-74.250504	-1.539981
-0.004417	-0.231336	-49.097119	
0.28167	-11.454904	-74.250504	-1.539981
-0.004417	-0.540886	-74.955416	
0.42250	-11.454904	-74.250504	-1.539981
-0.004417	-1.342440	-103.240472	
0.56334	-11.454904	-74.250504	-1.539981
-0.004417	-2.144436	-146.346182	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.184785	118.972291	1.080217
0.007017	0.615084	104.689344	
0.14083	8.184785	118.972291	1.080217
0.007017	0.162905	102.452922	
0.28167	8.184785	118.972291	1.080217
0.007017	0.242255	108.149710	
0.42250	8.184785	118.972291	1.080217
0.007017	0.606608	125.771573	
0.56334	8.184785	118.972291	1.080217
0.007017	0.970785	152.837721	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.420179	-76.418488	-0.871682
-0.005477	-0.501901	-44.247768	
0.14083	-10.420179	-76.418488	-0.871682
-0.005477	-0.136897	-46.438561	
0.28167	-10.420179	-76.418488	-0.871682
-0.005477	-0.302364	-62.718634	
0.42250	-10.420179	-76.418488	-0.871682
-0.005477	-0.750361	-89.552490	
0.56334	-10.420179	-76.418488	-0.871682
-0.005477	-1.198418	-127.540525	

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.283374 122.976828 1.949527
0.007002 1.096389 108.814538
0.14083 8.283374 122.976828 1.949527
0.007002 0.282916 111.477856
0.28167 8.283374 122.976828 1.949527
0.007002 0.457013 124.104338
0.42250 8.283374 122.976828 1.949527
0.007002 1.148737 147.061225
0.56334 8.283374 122.976828 1.949527
0.007002 1.840636 176.300885

COMB DL ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.454904 -81.791627 -1.653613
-0.005693 -0.935977 -46.583241
0.14083 -11.454904 -81.791627 -1.653613
-0.005693 -0.242552 -49.097119
0.28167 -11.454904 -81.791627 -1.653613
-0.005693 -0.549949 -74.459416
0.42250 -11.454904 -81.791627 -1.653613
-0.005693 -1.362639 -103.240472
0.56334 -11.454904 -81.791627 -1.653613
-0.005693 -2.176272 -147.902811

COMB CAR ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.283374 122.976828 1.949527
0.007017 1.096389 108.814538
0.14083 8.283374 122.976828 1.949527
0.007017 0.282916 111.477856
0.28167 8.283374 122.976828 1.949527
0.007017 0.457013 124.104338
0.42250 8.283374 122.976828 1.949527
0.007017 1.148737 147.061225
0.56334 8.283374 122.976828 1.949527
0.007017 1.840636 176.300885
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3394

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.454904 -81.791627 -1.653613
-0.005693 -0.935977 -46.583241
0.14083 -11.454904 -81.791627 -1.653613
-0.005693 -0.242552 -49.097119
0.28167 -11.454904 -81.791627 -1.653613
-0.005693 -0.549949 -74.459416
0.42250 -11.454904 -81.791627 -1.653613
-0.005693 -1.362639 -103.240472
0.56334 -11.454904 -81.791627 -1.653613
-0.005693 -2.176272 -147.902811

COMB DESIGN ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.283374 122.976828 1.949527
0.007017 1.096389 108.814538
0.14083 8.283374 122.976828 1.949527
0.007017 0.282916 111.477856
0.28167 8.283374 122.976828 1.949527
0.007017 0.457013 124.104338
0.42250 8.283374 122.976828 1.949527
0.007017 1.148737 147.061225
0.56334 8.283374 122.976828 1.949527
0.007017 1.840636 176.300885

COMB DESIGN ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.454904 -81.791627 -1.653613
-0.005693 -0.935977 -46.583241
0.14083 -11.454904 -81.791627 -1.653613
-0.005693 -0.242552 -49.097119
0.28167 -11.454904 -81.791627 -1.653613
-0.005693 -0.549949 -74.459416
0.42250 -11.454904 -81.791627 -1.653613
-0.005693 -1.362639 -103.240472
0.56334 -11.454904 -81.791627 -1.653613
-0.005693 -2.176272 -147.902811

ELEM 320 ================== LENGTH
= 2.976630

COMB DB-G1-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 2.653784 3.033206 0.495001
0.000509 0.533798 4.206096
0.57755 2.653784 3.033206 0.495001
0.000509 0.326315 2.942214
0.71837 2.653784 3.033206 0.495001
0.000509 0.118833 2.815177
0.85918 2.653784 3.033206 0.495001
0.000509 0.110186 3.519414
1.00000 2.653784 3.033206 0.495001
0.000509 0.369105 7.308596

COMB DB-G1-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.831553 -19.882944 -0.617725
-0.000974 -0.666615 -26.572193
0.57755 -0.831553 -19.882944 -0.617725
-0.000974 -0.407692 -18.239034
0.71837 -0.831553 -19.882944 -0.617725
-0.000974 -0.148760 -11.042377
0.85918 -0.831553 -19.882944 -0.617725
-0.000974 -0.089661 -9.391387
1.00000 -0.831553 -19.882944 -0.617725
-0.000974 -0.296154 -8.415506

COMB DB-G1-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 6.321590 4.739467 0.850639
0.000841 0.916875 6.435705
0.57755 6.321590 4.739467 0.850639
0.000841 0.560329 4.549905
0.71837 6.321590 4.739467 0.850639
0.000841 0.203830 2.835122
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3395

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85918 6.321590 4.739467 0.850639
0.000841 0.177415 3.261584
1.00000 6.321590 4.739467 0.850639
0.000841 0.595271 12.505962

COMB DB-G1-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.569253 -42.108235 -0.996619
-0.001826 -1.076174 -69.465845
0.57755 -0.569253 -42.108235 -0.996619
-0.001826 -0.658448 -52.499602
0.71837 -0.569253 -42.108235 -0.996619
-0.001826 -0.240673 -37.226371
0.85918 -0.569253 -42.108235 -0.996619
-0.001826 -0.153437 -31.151144
1.00000 -0.569253 -42.108235 -0.996619
-0.001826 -0.509839 -25.729771

COMB DB-G1-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 7.022918 20.021033 1.089806
0.000613 1.175528 44.491499
0.57755 7.022918 20.021033 1.089806
0.000613 0.718728 36.141143
0.71837 7.022918 20.021033 1.089806
0.000613 0.261936 28.084086
0.85918 7.022918 20.021033 1.089806
0.000613 0.195221 21.752415
1.00000 7.022918 20.021033 1.089806
0.000613 0.658596 25.636926

COMB DB-G1-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -1.746622 -54.299134 -1.105165
-0.001596 -1.194311 -84.718489
0.57755 -1.746622 -54.299134 -1.105165
-0.001596 -0.731078 -62.429267
0.71837 -1.746622 -54.299134 -1.105165
-0.001596 -0.267641 -41.246483
0.85918 -1.746622 -54.299134 -1.105165
-0.001596 -0.194822 -27.822845
1.00000 -1.746622 -54.299134 -1.105165
-0.001596 -0.651688 -17.118745

COMB DB-G1-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 9.057861 28.833737 1.147222
0.003743 1.238232 57.657457
0.57755 9.057861 28.833737 1.147222
0.003743 0.757374 46.383924
0.71837 9.057861 28.833737 1.147222
0.003743 0.276519 38.910602
0.85918 9.057861 28.833737 1.147222
0.003743 0.204986 48.872504
1.00000 9.057861 28.833737 1.147222
0.003743 0.667325 76.537260

COMB DB-G1-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -3.370397 -109.876833 -1.102650
-0.003684 -1.190431 -123.622204
0.57755 -3.370397 -109.876833 -1.102650
-0.003684 -0.728426 -78.138666
0.71837 -3.370397 -109.876833 -1.102650
-0.003684 -0.266279 -41.479239
0.85918 -3.370397 -109.876833 -1.102650
-0.003684 -0.216162 -23.359653
1.00000 -3.370397 -109.876833 -1.102650
-0.003684 -0.694910 -16.490431

COMB DB-G2-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 3.932101 2.559690 0.405442
0.000102 0.436832 4.002464
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3396

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57755 3.932101 2.559690 0.405442
0.000102 0.266900 3.343347
0.71837 3.932101 2.559690 0.405442
0.000102 0.096996 2.696514
0.85918 3.932101 2.559690 0.405442
0.000102 0.064950 2.566045
1.00000 3.932101 2.559690 0.405442
0.000102 0.219821 6.027101

COMB DB-G2-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.168066 -24.597084 -0.369454
-0.000706 -0.399678 -47.193154
0.57755 -0.168066 -24.597084 -0.369454
-0.000706 -0.244816 -37.478184
0.71837 -0.168066 -24.597084 -0.369454
-0.000706 -0.089901 -28.294613
0.85918 -0.168066 -24.597084 -0.369454
-0.000706 -0.070059 -22.012697
1.00000 -0.168066 -24.597084 -0.369454
-0.000706 -0.242998 -17.015850

COMB DB-G2-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 7.371982 22.146777 0.738067
0.003871 0.796567 51.819605
0.57755 7.371982 22.146777 0.738067
0.003871 0.487201 43.417448
0.71837 7.371982 22.146777 0.738067
0.003871 0.177843 39.905486
0.85918 7.371982 22.146777 0.738067
0.003871 0.112068 56.556923
1.00000 7.371982 22.146777 0.738067
0.003871 0.348531 78.122822

COMB DB-G2-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -2.084661 -92.223099 -0.563830
-0.003568 -0.609164 -97.812806
0.57755 -2.084661 -92.223099 -0.563830
-0.003568 -0.373070 -59.940548
0.71837 -2.084661 -92.223099 -0.563830
-0.003568 -0.136792 -32.903645
0.85918 -2.084661 -92.223099 -0.563830
-0.003568 -0.147656 -19.405789
1.00000 -2.084661 -92.223099 -0.563830
-0.003568 -0.454092 -8.673826

COMB DB-G2-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 9.157912 21.949700 1.039766
0.003857 1.121994 49.057665
0.57755 9.157912 21.949700 1.039766
0.003857 0.686169 40.661063
0.71837 9.157912 21.949700 1.039766
0.003857 0.250341 36.805187
0.85918 9.157912 21.949700 1.039766
0.003857 0.183879 51.077704
1.00000 9.157912 21.949700 1.039766
0.003857 0.592522 75.017312

COMB DB-G2-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -2.047905 -100.136106 -0.974480
-0.003975 -1.052525 -111.382629
0.57755 -2.047905 -100.136106 -0.974480
-0.003975 -0.644281 -70.069997
0.71837 -2.047905 -100.136106 -0.974480
-0.003975 -0.235837 -39.837945
0.85918 -2.047905 -100.136106 -0.974480
-0.003975 -0.199984 -26.710867
1.00000 -2.047905 -100.136106 -0.974480
-0.003975 -0.633233 -16.049208
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3397

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 8.550746 38.497729 1.104673
0.003394 1.192851 71.156611
0.57755 8.550746 38.497729 1.104673
0.003394 0.729820 55.672472
0.71837 8.550746 38.497729 1.104673
0.003394 0.266811 43.399822
0.85918 8.550746 38.497729 1.104673
0.003394 0.193753 44.639229
1.00000 8.550746 38.497729 1.104673
0.003394 0.634206 64.733079

COMB DB-G2-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -4.491589 -100.152158 -1.050351
-0.003152 -1.134229 -119.273643
0.57755 -4.491589 -100.152158 -1.050351
-0.003152 -0.694094 -77.844674
0.71837 -4.491589 -100.152158 -1.050351
-0.003152 -0.253779 -44.055241
0.85918 -4.491589 -100.152158 -1.050351
-0.003152 -0.205817 -22.967850
1.00000 -4.491589 -100.152158 -1.050351
-0.003152 -0.667181 -18.297790

COMB DB-G3-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 1.117703 42.853193 0.383036
0.001206 0.413229 61.626592
0.57755 1.117703 42.853193 0.383036
0.001206 0.252676 53.734554
0.71837 1.117703 42.853193 0.383036
0.001206 0.092122 25.891002
0.85918 1.117703 42.853193 0.383036
0.001206 0.077279 8.407230
1.00000 1.117703 42.853193 0.383036
0.001206 0.258488 2.037075

COMB DB-G3-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -5.107107 -7.023014 -0.432157
-0.000458 -0.466097 -20.417659
0.57755 -5.107107 -7.023014 -0.432157
-0.000458 -0.284956 -17.642219
0.71837 -5.107107 -7.023014 -0.432157
-0.000458 -0.103789 -15.038216
0.85918 -5.107107 -7.023014 -0.432157
-0.000458 -0.068451 -12.611779
1.00000 -5.107107 -7.023014 -0.432157
-0.000458 -0.229000 -11.869146

COMB DB-G3-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 5.280582 59.131918 0.654023
0.006001 0.707924 100.941607
0.57755 5.280582 59.131918 0.654023
0.006001 0.433787 77.254364
0.71837 5.280582 59.131918 0.654023
0.006001 0.159735 59.017913
0.85918 5.280582 59.131918 0.654023
0.006001 65.016186 65.016186
1.00000 5.280582 59.131918 0.654023
0.006001 0.386050 82.112785

COMB DB-G3-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -7.128682 -90.199918 -0.618512
-0.004135 -0.666014 -81.305373
0.57755 -7.128682 -90.199918 -0.618512
-0.004135 -0.407032 -43.964076
0.71837 -7.128682 -90.199918 -0.618512
-0.004135 -0.148072 -19.755681
0.85918 -7.128682 -90.199918 -0.618512
-0.004135 -0.135382 -11.244047
1.00000 -7.128682 -90.199918 -0.618512
-0.004135 -0.404753 -12.568055
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3398

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 6.696153 59.225635 0.926061
0.004405 1.001179 102.165050
0.57755 6.696153 59.225635 0.926061
0.004405 0.613014 78.278719
0.71837 6.696153 59.225635 0.926061
0.004405 0.224925 58.638488
0.85918 6.696153 59.225635 0.926061
0.004405 0.154900 56.566596
1.00000 6.696153 59.225635 0.926061
0.004405 0.495699 66.633263

COMB DB-G3-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -6.778229 -88.929738 -0.812613
-0.003251 -0.877121 -100.484052
0.57755 -6.778229 -88.929738 -0.812613
-0.003251 -0.536688 -63.647657
0.71837 -6.778229 -88.929738 -0.812613
-0.003251 -0.196129 -35.814262
0.85918 -6.778229 -88.929738 -0.812613
-0.003251 -0.171443 -18.730246
1.00000 -6.778229 -88.929738 -0.812613
-0.003251 -0.562565 -12.164857

COMB DB-G3-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 8.210178 51.119260 1.076003
0.003904 1.162331 87.998129
0.57755 8.210178 51.119260 1.076003
0.003904 0.711319 67.249570
0.71837 8.210178 51.119260 1.076003
0.003904 0.260371 50.039793
0.85918 8.210178 51.119260 1.076003
0.003904 0.192953 47.399604
1.00000 8.210178 51.119260 1.076003
0.003904 0.628425 58.362917

COMB DB-G3-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -5.808271 -89.569817 -1.038498
-0.003331 -1.121285 -110.830675
0.57755 -5.808271 -89.569817 -1.038498
-0.003331 -0.686141 -73.955233
0.71837 -5.808271 -89.569817 -1.038498
-0.003331 -0.250838 -45.931369
0.85918 -5.808271 -89.569817 -1.038498
-0.003331 -0.202367 -29.354320
1.00000 -5.808271 -89.569817 -1.038498
-0.003331 -0.650882 -21.539080

COMB DL-G1-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 4.451532 6.375837 0.981487
0.000486 1.059892 9.199217
0.57755 4.451532 6.375837 0.981487
0.000486 0.648540 7.000224
0.71837 4.451532 6.375837 0.981487
0.000486 0.237157 4.938254
0.85918 4.451532 6.375837 0.981487
0.000486 0.189652 3.415209
1.00000 4.451532 6.375837 0.981487
0.000486 0.641588 10.476596

COMB DL-G1-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.946522 -31.192504 -1.075152
-0.001041 -1.160067 -46.414869
0.57755 -0.946522 -31.192504 -1.075152
-0.001041 -0.709197 -33.460346
0.71837 -0.946522 -31.192504 -1.075152
-0.001041 -0.258023 -20.946282
0.85918 -0.946522 -31.192504 -1.075152
-0.001041 -0.174325 -11.023694
1.00000 -0.946522 -31.192504 -1.075152
-0.001041 -0.585795 -8.850071
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3399

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 10.554417 9.017996 1.747652
0.000746 1.884779 12.266141
0.57755 10.554417 9.017996 1.747652
0.000746 1.152291 8.669334
0.71837 10.554417 9.017996 1.747652
0.000746 0.419671 5.334943
0.85918 10.554417 9.017996 1.747652
0.000746 0.300570 3.457838
1.00000 10.554417 9.017996 1.747652
0.000746 1.022249 16.019303

COMB DL-G1-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.937454 -67.517453 -1.716040
-0.001901 -1.853675 -116.803347
0.57755 -0.937454 -67.517453 -1.716040
-0.001901 -1.133764 -88.828939
0.71837 -0.937454 -67.517453 -1.716040
-0.001901 -0.413727 -61.463484
0.85918 -0.937454 -67.517453 -1.716040
-0.001901 -0.313256 -37.561152
1.00000 -0.937454 -67.517453 -1.716040
-0.001901 -1.045891 -25.645077

COMB DL-G1-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 11.300919 21.370655 2.114588
0.000586 2.281549 43.550048
0.57755 11.300919 21.370655 2.114588
0.000586 1.395226 35.122700
0.71837 11.300919 21.370655 2.114588
0.000586 0.508932 28.176504
0.85918 11.300919 21.370655 2.114588
0.000586 0.348094 23.578109
1.00000 11.300919 21.370655 2.114588
0.000586 1.187032 35.802749

COMB DL-G1-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -1.976815 -83.345690 -1.995332
-0.001677 -2.156042 -127.911143
0.57755 -1.976815 -83.345690 -1.995332
-0.001677 -1.318929 -93.606570
0.71837 -1.976815 -83.345690 -1.995332
-0.001677 -0.481107 -60.938325
0.85918 -1.976815 -83.345690 -1.995332
-0.001677 -0.377469 -32.499161
1.00000 -1.976815 -83.345690 -1.995332
-0.001677 -1.263889 -18.162121

COMB DL-G1-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 12.290354 35.008345 2.118065
0.003252 2.284723 67.100710
0.57755 12.290354 35.008345 2.118065
0.003252 1.396898 53.504555
0.71837 12.290354 35.008345 2.118065
0.003252 0.510168 44.709712
0.85918 12.290354 35.008345 2.118065
0.003252 0.358984 51.101796
1.00000 12.290354 35.008345 2.118065
0.003252 1.199881 80.122866

COMB DL-G1-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -4.611076 -125.948064 -2.000739
-0.003110 -2.158679 -154.762165
0.57755 -4.611076 -125.948064 -2.000739
-0.003110 -1.319582 -103.012349
0.71837 -4.611076 -125.948064 -2.000739
-0.003110 -0.481010 -58.012384
0.85918 -4.611076 -125.948064 -2.000739
-0.003110 -0.387774 -27.337831
1.00000 -4.611076 -125.948064 -2.000739
-0.003110 -1.274805 -17.436260
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3400

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 6.233156 3.540619 0.816404
7.7E-05 0.879280 4.824779
0.57755 6.233156 3.540619 0.816404
7.7E-05 0.537043 3.400750
0.71837 6.233156 3.540619 0.816404
7.7E-05 0.194461 2.053446
0.85918 6.233156 3.540619 0.816404
7.7E-05 0.112905 2.200471
1.00000 6.233156 3.540619 0.816404
7.7E-05 0.388458 7.688218

COMB DL-G2-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43674 -0.215376 -38.847605 -0.655232
-0.000655 -0.709465 -70.785546
0.57755 -0.215376 -38.847605 -0.655232
-0.000655 -0.434647 -54.766877
0.71837 -0.215376 -38.847605 -0.655232
-0.000655 -0.159137 -39.083205
0.85918 -0.215376 -38.847605 -0.655232
-0.000655 -0.144277 -25.330377
1.00000 -0.215376 -38.847605 -0.655232
-0.000655 -0.489716 -15.819010

COMB DL-G2-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43674 9.505641 19.739728 1.306606
0.003522 1.405941 45.411892
0.57755 9.505641 19.739728 1.306606
0.003522 0.858183 38.515791
0.71837 9.505641 19.739728 1.306606
0.003522 0.312379 37.718099
0.85918 9.505641 19.739728 1.306606
0.003522 0.200272 55.947732
1.00000 9.505641 19.739728 1.306606
0.003522 0.655308 81.923492

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.188927	-104.664708	-1.083133
-0.002875	-1.168555	-115.840741	
0.57755	-2.188927	-104.664708	-1.083133
-0.002875	-0.714530	-73.140800	
0.71837	-2.188927	-104.664708	-1.083133
-0.002875	-0.261233	-39.650153	
0.85918	-2.188927	-104.664708	-1.083133
-0.002875	-0.252131	-20.879460	
1.00000	-2.188927	-104.664708	-1.083133
-0.002875	-0.797369	-8.376602	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.075715	21.836326	1.964959
0.003519	2.116595	46.264604	
0.57755	13.075715	21.836326	1.964959
0.003519	1.293078	38.324348	
0.71837	13.075715	21.836326	1.964959
0.003519	0.471016	35.854545	
0.85918	13.075715	21.836326	1.964959
0.003519	0.319278	50.759970	
1.00000	13.075715	21.836326	1.964959
0.003519	1.062388	79.679994	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.263175	-122.686322	-1.768096
-0.003403	-1.908576	-149.366272	
0.57755	-2.263175	-122.686322	-1.768096
-0.003403	-1.167318	-98.984226	
0.71837	-2.263175	-122.686322	-1.768096
-0.003403	-0.426661	-57.441141	
0.85918	-2.263175	-122.686322	-1.768096
-0.003403	-0.367741	-31.217047	
1.00000	-2.263175	-122.686322	-1.768096
-0.003403	-1.189394	-15.813532	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3401

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.820510	49.803554	2.053778
0.003043	2.216095	85.686334	
0.57755	11.820510	49.803554	2.053778
0.003043	1.355257	65.886440	
0.71837	11.820510	49.803554	2.053778
0.003043	0.495327	49.828794	
0.85918	11.820510	49.803554	2.053778
0.003043	0.335946	45.682850	
1.00000	11.820510	49.803554	2.053778
0.003043	1.125020	66.921101	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-6.394822	-116.468464	-1.877840
-0.002650	-2.026689	-148.387224	
0.57755	-6.394822	-116.468464	-1.877840
-0.002650	-1.239376	-100.383974	
0.71837	-6.394822	-116.468464	-1.877840
-0.002650	-0.451906	-52.380605	
0.85918	-6.394822	-116.468464	-1.877840
-0.002650	-0.374725	-26.893706	
1.00000	-6.394822	-116.468464	-1.877840
-0.002650	-1.234384	-19.935302	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.500290	69.615323	0.703570
0.001302	0.762818	93.971271	
0.57755	1.500290	69.615323	0.703570
0.001302	0.467596	64.988799	
0.71837	1.500290	69.615323	0.703570
0.001302	0.172736	36.188178	
0.85918	1.500290	69.615323	0.703570
0.001302	0.121538	8.908278	
1.00000	1.500290	69.615323	0.703570
0.001302	0.405718	3.168463	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.528382	-11.134949	-0.677450
-0.000429	-0.729933	-23.060042	
0.57755	-8.528382	-11.134949	-0.677450
-0.000429	-0.445964	-18.569640	
0.71837	-8.528382	-11.134949	-0.677450
-0.000429	-0.161798	-14.242657	
0.85918	-8.528382	-11.134949	-0.677450
-0.000429	-0.122214	-11.279147	
1.00000	-8.528382	-11.134949	-0.677450
-0.000429	-0.417426	-26.809592	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	5.937430	85.248487	1.107215
0.006396	1.194471	133.152828	
0.57755	5.937430	85.248487	1.107215
0.006396	0.730270	98.893989	
0.71837	5.937430	85.248487	1.107215
0.006396	0.268312	71.809028	
0.85918	5.937430	85.248487	1.107215
0.006396	0.208551	70.098246	
1.00000	5.937430	85.248487	1.107215
0.006396	0.647367	91.863857	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.969973	-96.872043	-1.052105
-0.003778	-1.129460	-85.528860	
0.57755	-10.969973	-96.872043	-1.052105
-0.003778	-0.688785	-46.277990	
0.71837	-10.969973	-96.872043	-1.052105
-0.003778	-0.250328	-16.426322	
0.85918	-10.969973	-96.872043	-1.052105
-0.003778	-0.217649	-10.011315	
1.00000	-10.969973	-96.872043	-1.052105
-0.003778	-0.680064	-24.664111	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3402

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.521377	80.528388	1.627347
0.004867	1.756234	125.551281	
0.57755	8.521377	80.528388	1.627347
0.004867	1.074008	93.026905	
0.71837	8.521377	80.528388	1.627347
0.004867	0.393488	66.444586	
0.85918	8.521377	80.528388	1.627347
0.004867	0.267784	60.523716	
1.00000	8.521377	80.528388	1.627347
0.004867	0.876415	79.300531	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.126105	-104.642590	-1.449024
-0.003065	-1.561280	-111.591597	
0.57755	-10.126105	-104.642590	-1.449024
-0.003065	-0.953796	-68.779541	
0.71837	-10.126105	-104.642590	-1.449024
-0.003065	-0.347327	-35.053496	
0.85918	-10.126105	-104.642590	-1.449024
-0.003065	-0.305089	-17.160819	
1.00000	-10.126105	-104.642590	-1.449024
-0.003065	-0.985604	-22.992296	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.826836	70.194149	2.019441
0.004268	2.178300	108.991797	
0.57755	11.826836	70.194149	2.019441
0.004268	1.331795	80.617987	
0.71837	11.826836	70.194149	2.019441
0.004268	0.486613	57.199153	
0.85918	11.826836	70.194149	2.019441
0.004268	0.328507	50.801779	
1.00000	11.826836	70.194149	2.019441
0.004268	1.090737	69.898414	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.663210	-114.457070	-1.813766
-0.003212	-1.956560	-142.989746	
0.57755	-8.663210	-114.457070	-1.813766
-0.003212	-1.196173	-95.954757	
0.71837	-8.663210	-114.457070	-1.813766
-0.003212	-0.436326	-57.106712	
0.85918	-8.663210	-114.457070	-1.813766
-0.003212	-0.373567	-31.999482	
1.00000	-8.663210	-114.457070	-1.813766
-0.003212	-1.218750	-30.234388	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	9.157912	59.225635	1.147222
0.006001	1.238232	102.165050	
0.57755	9.157912	59.225635	1.147222
0.006001	0.757374	78.278719	
0.71837	9.157912	59.225635	1.147222
0.006001	0.276519	59.617913	
0.85918	9.157912	59.225635	1.147222
0.006001	0.204986	65.478672	
1.00000	9.157912	59.225635	1.147222
0.006001	0.667325	82.112785	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.128682	-109.876833	-1.105165
-0.004135	-1.194311	-123.622204	
0.57755	-7.128682	-109.876833	-1.105165
-0.004135	-0.731078	-78.138666	
0.71837	-7.128682	-109.876833	-1.105165
-0.004135	-0.267641	-45.931369	
0.85918	-7.128682	-109.876833	-1.105165
-0.004135	-0.216162	-31.151144	
1.00000	-7.128682	-109.876833	-1.105165
-0.004135	-0.694910	-25.729771	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3403

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.075715	85.248487	2.118065
0.006396	2.284723	133.152828	
0.57755	13.075715	85.248487	2.118065
0.006396	1.396898	98.893989	
0.71837	13.075715	85.248487	2.118065
0.006396	0.510168	71.809028	
0.85918	13.075715	85.248487	2.118065
0.006396	0.358984	70.098246	
1.00000	13.075715	85.248487	2.118065
0.006396	1.199881	91.863857	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.969973	-125.948064	-2.000739
-0.003778	-2.158679	-154.762165	
0.57755	-10.969973	-125.948064	-2.000739
-0.003778	-1.319582	-103.012349	
0.71837	-10.969973	-125.948064	-2.000739
-0.003778	-0.481107	-61.463484	
0.85918	-10.969973	-125.948064	-2.000739
-0.003778	-0.387774	-37.561152	
1.00000	-10.969973	-125.948064	-2.000739
-0.003778	-1.274805	-30.234388	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.075715	85.248487	2.118065
0.006396	2.284723	133.152828	
0.57755	13.075715	85.248487	2.118065
0.006396	1.396898	98.893989	
0.71837	13.075715	85.248487	2.118065
0.006396	0.510168	71.809028	
0.85918	13.075715	85.248487	2.118065
0.006396	0.358984	70.098246	
1.00000	13.075715	85.248487	2.118065
0.006396	1.199881	91.863857	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.969973	-125.948064	-2.000739
-0.004135	-2.158679	-154.762165	
0.57755	-10.969973	-125.948064	-2.000739
-0.004135	-1.319582	-103.012349	
0.71837	-10.969973	-125.948064	-2.000739
-0.004135	-0.481107	-61.463484	
0.85918	-10.969973	-125.948064	-2.000739
-0.004135	-0.387774	-37.561152	
1.00000	-10.969973	-125.948064	-2.000739
-0.004135	-1.274805	-30.234388	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.075715	85.248487	2.118065
0.006396	2.284723	133.152828	
0.57755	13.075715	85.248487	2.118065
0.006396	1.396898	98.893989	
0.71837	13.075715	85.248487	2.118065
0.006396	0.510168	71.809028	
0.85918	13.075715	85.248487	2.118065
0.006396	0.358984	70.098246	
1.00000	13.075715	85.248487	2.118065
0.006396	1.199881	91.863857	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.969973	-125.948064	-2.000739
-0.004135	-2.158679	-154.762165	
0.57755	-10.969973	-125.948064	-2.000739
-0.004135	-1.319582	-103.012349	
0.71837	-10.969973	-125.948064	-2.000739
-0.004135	-0.481107	-61.463484	
0.85918	-10.969973	-125.948064	-2.000739
-0.004135	-0.387774	-37.561152	
1.00000	-10.969973	-125.948064	-2.000739
-0.004135	-1.274805	-30.234388	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3404

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 321 ========== LENGTH = 2.977599

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.546554	3.081010	0.486181
0.000396	0.288840	7.314460	
0.14085	2.546554	3.081010	0.486181
0.000396	0.084959	15.510008	
0.28170	2.546554	3.081010	0.486181
0.000396	0.148352	23.779191	
0.42255	2.546554	3.081010	0.486181
0.000396	0.401053	32.081451	
0.56341	2.546554	3.081010	0.486181
0.000396	0.653756	40.398243	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.810822	-19.852611	-0.602533
-0.000692	-0.357063	-8.415641	
0.14085	-0.810822	-19.852611	-0.602533
-0.000692	-0.104359	-7.720778	
0.28170	-0.810822	-19.852611	-0.602533
-0.000692	-0.118959	-7.330553	
0.42255	-0.810822	-19.852611	-0.602533
-0.000692	-0.322860	-7.150781	
0.56341	-0.810822	-19.852611	-0.602533
-0.000692	-0.526762	-7.164957	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.058668	6.198223	0.815800
0.000720	0.483917	12.524740	
0.14085	6.058668	6.198223	0.815800
0.000720	0.142127	26.928679	
0.28170	6.058668	6.198223	0.815800
0.000720	0.241652	42.440924	
0.42255	6.058668	6.198223	0.815800
0.000720	0.656082	58.774898	
0.56341	6.058668	6.198223	0.815800
0.000720	1.070459	75.463711	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.598025	-40.235656	-0.988056
-0.001393	-0.587346	-25.728228	
0.14085	-0.598025	-40.235656	-0.988056
-0.001393	-0.173041	-20.986173	
0.28170	-0.598025	-40.235656	-0.988056
-0.001393	-0.201262	-17.105707	
0.42255	-0.598025	-40.235656	-0.988056
-0.001393	-0.543298	-14.248411	
0.56341	-0.598025	-40.235656	-0.988056
-0.001393	-0.885391	-13.155013	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.826267	19.778243	1.048480
0.000500	0.627754	25.651956	
0.14085	6.826267	19.778243	1.048480
0.000500	0.181183	39.801098	
0.28170	6.826267	19.778243	1.048480
0.000500	0.270557	56.272531	
0.42255	6.826267	19.778243	1.048480
0.000500	0.736954	78.751482	
0.56341	6.826267	19.778243	1.048480
0.000500	1.203282	101.324265	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.649424	-54.166676	-1.111874
-0.001632	-0.661995	-17.116287	
0.14085	-1.649424	-54.166676	-1.111874
-0.001632	-0.195619	-14.912035	
0.28170	-1.649424	-54.166676	-1.111874
-0.001632	-0.258922	-16.896914	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3405

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-1.649424	-54.166676	-1.111874
-0.001632	-0.698612	-21.214400	
0.56341	-1.649424	-54.166676	-1.111874
-0.001632	-1.138341	-26.524026	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.037447	57.449614	1.119919
0.002886	0.677446	76.617278	
0.14085	7.037447	57.449614	1.119919
0.002886	0.208235	85.741090	
0.28170	7.037447	57.449614	1.119919
0.002886	0.268380	96.798670	
0.42255	7.037447	57.449614	1.119919
0.002886	0.729962	123.983706	
0.56341	7.037447	57.449614	1.119919
0.002886	1.191499	155.486002	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.090416	-75.960046	-1.100433
-0.004235	-0.659213	-16.481851	
0.14085	-5.090416	-75.960046	-1.100433
-0.004235	-0.200460	-18.714488	
0.28170	-5.090416	-75.960046	-1.100433
-0.004235	-0.275449	-24.566804	
0.42255	-5.090416	-75.960046	-1.100433
-0.004235	-0.744451	-33.410816	
0.56341	-5.090416	-75.960046	-1.100433
-0.004235	-1.213464	-52.684403	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.866986	2.531167	0.372012
0.000104	0.218866	6.034280	
0.14085	3.866986	2.531167	0.372012
0.000104	0.063150	12.120516	
0.28170	3.866986	2.531167	0.372012
0.000104	0.091900	20.599924	
0.42255	3.866986	2.531167	0.372012
0.000104	0.252175	30.891975	
0.56341	3.866986	2.531167	0.372012
0.000104	0.412370	40.922309	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.138775	-24.388556	-0.382025
-0.000637	-0.228450	-17.013911	
0.14085	-0.138775	-24.388556	-0.382025
-0.000637	-0.068215	-12.907114	
0.28170	-0.138775	-24.388556	-0.382025
-0.000637	-0.093426	-10.509526	
0.42255	-0.138775	-24.388556	-0.382025
-0.000637	-0.249327	-8.950124	
0.56341	-0.138775	-24.388556	-0.382025
-0.000637	-0.405346	-8.185070	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.697496	61.325724	0.704655
0.003105	0.434862	78.305086	
0.14085	4.697496	61.325724	0.704655
0.003105	0.139943	66.403887	
0.28170	4.697496	61.325724	0.704655
0.003105	0.139620	57.156322	
0.42255	4.697496	61.325724	0.704655
0.003105	0.382178	69.758155	
0.56341	4.697496	61.325724	0.704655
0.003105	0.624649	88.269903	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.441500	-45.297207	-0.578094
-0.004758	-0.351480	-8.669980	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3406

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-4.441500	-45.297207	-0.578094
-0.004758	-0.112821	-7.563979	
0.28170	-4.441500	-45.297207	-0.578094
-0.004758	-0.174653	-10.937333	
0.42255	-4.441500	-45.297207	-0.578094
-0.004758	-0.469238	-18.051818	
0.56341	-4.441500	-45.297207	-0.578094
-0.004758	-0.763864	-39.322812	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.666274	57.363940	1.006142
0.003094	0.612692	75.187809	
0.14085	6.666274	57.363940	1.006142
0.003094	0.191134	71.437189	
0.28170	6.666274	57.363940	1.006142
0.003094	0.238793	70.164828	
0.42255	6.666274	57.363940	1.006142
0.003094	0.651012	88.582934	
0.56341	6.666274	57.363940	1.006142
0.003094	1.063133	112.345381	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.118945	-57.717398	-0.982601
-0.004845	-0.590971	-16.045716	
0.14085	-4.118945	-57.717398	-0.982601
-0.004845	-0.182257	-14.193473	
0.28170	-4.118945	-57.717398	-0.982601
-0.004845	-0.247911	-16.346313	
0.42255	-4.118945	-57.717398	-0.982601
-0.004845	-0.660041	-27.167040	
0.56341	-4.118945	-57.717398	-0.982601
-0.004845	-1.090199	-39.784163	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.930494	61.706228	1.084400
0.002676	0.654049	64.844075	
0.14085	6.930494	61.706228	1.084400
0.002676	0.199595	74.929006	
0.28170	6.930494	61.706228	1.084400
0.002676	0.256450	87.517336	
0.42255	6.930494	61.706228	1.084400
0.002676	0.699020	114.163260	
0.56341	6.930494	61.706228	1.084400
0.002676	1.141499	144.336341	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.857064	-72.697372	-1.054957
-0.003679	-0.632110	-18.284873	
0.14085	-5.857064	-72.697372	-1.054957
-0.003679	-0.191832	-24.809809	
0.28170	-5.857064	-72.697372	-1.054957
-0.003679	-0.266595	-35.000945	
0.42255	-5.857064	-72.697372	-1.054957
-0.003679	-0.720824	-47.828400	
0.56341	-5.857064	-72.697372	-1.054957
-0.003679	-1.175083	-69.158378	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.156822	42.975060	0.379265
0.001170	0.225758	2.033840	
0.14085	1.156822	42.975060	0.379265
0.001170	0.066819	3.008420	
0.28170	1.156822	42.975060	0.379265
0.001170	0.103974	4.236155	
0.42255	1.156822	42.975060	0.379265
0.001170	0.283087	5.543660	
0.56341	1.156822	42.975060	0.379265
0.001170	0.462176	6.979747	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3407

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.150659	-7.196089	-0.427014
-0.000469	-0.254192	-11.854182	
0.14085	-5.150659	-7.196089	-0.427014
-0.000469	-0.075059	-29.127190	
0.28170	-5.150659	-7.196089	-0.427014
-0.000469	-0.092394	-46.706916	
0.42255	-5.150659	-7.196089	-0.427014
-0.000469	-0.251457	-64.527780	
0.56341	-5.150659	-7.196089	-0.427014
-0.000469	-0.410519	-82.438542	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.174922	107.065236	0.672824
0.004908	0.423084	82.318548	
0.14085	2.174922	107.065236	0.672824
0.004908	0.141497	62.383646	
0.28170	2.174922	107.065236	0.672824
0.004908	0.147829	48.123982	
0.42255	2.174922	107.065236	0.672824
0.004908	0.400983	53.520532	
0.56341	2.174922	107.065236	0.672824
0.004908	0.654156	67.149991	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.134952	-33.630679	-0.603595
-0.005269	-0.366091	-12.548640	
0.14085	-10.134952	-33.630679	-0.603595
-0.005269	-0.117522	-31.200709	
0.28170	-10.134952	-33.630679	-0.603595
-0.005269	-0.163646	-50.835865	
0.42255	-10.134952	-33.630679	-0.603595

```
-0.005269   -0.444687   -74.502770
 0.56341   -10.134952   -33.630679    -0.603595
-0.005269   -0.725701   -114.838573

COMB DB-G3-3 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    4.525551    92.034257    0.921265
 0.00364    0.561949    66.780893
 0.14085    4.525551    92.034257    0.921265
 0.00364    0.175972    59.328588
 0.28170    4.525551    92.034257    0.921265
 0.00364    0.198436    56.333209
 0.42255    4.525551    92.034257    0.921265
 0.00364    0.541803    72.033701
 0.56341    4.525551    92.034257    0.921265
 0.00364    0.885132    92.636427

COMB DB-G3-3 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.806775   -50.112119    -0.818529
-0.00430   -0.493272   -12.146433
 0.14085   -8.806775   -50.112119    -0.818529
-0.00430   -0.153079   -29.294786
 0.28170   -8.806775   -50.112119    -0.818529
-0.00430   -0.226303   -50.654484
 0.42255   -8.806775   -50.112119    -0.818529
-0.00430   -0.611875   -74.823499
 0.56341   -8.806775   -50.112119    -0.818529
-0.00430   -0.997441   -110.428652

COMB DB-G3-4 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    6.357662    78.245652    1.060330
 0.00324    0.641609    58.489802
 0.14085    6.357662    78.245652    1.060330
 0.00324    0.197397    58.402889
 0.28170    6.357662    78.245652    1.060330
 0.00324    0.253614    62.331524
 0.42255    6.357662    78.245652    1.060330
 0.00324    0.691841    81.893022
 0.56341    6.357662    78.245652    1.060330
 0.00324    1.130013    105.570041
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3408

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -7.433771   -57.409667    -1.044699
-0.00403   -0.626925   -21.522822
 0.14085   -7.433771   -57.409667    -1.044699
-0.00403   -0.191336   -33.438671
 0.28170   -7.433771   -57.409667    -1.044699
-0.00403   -0.260656   -49.026256
 0.42255   -7.433771   -57.409667    -1.044699
-0.00403   -0.704682   -67.380248
 0.56341   -7.433771   -57.409667    -1.044699
-0.00403   -1.148708   -95.668027

COMB DL-G1-1 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    4.322519    6.353655    0.978433
 0.00037    0.582837   10.486149
 0.14085    4.322519    6.353655    0.978433
 0.00037    0.172441   22.424921
 0.28170    4.322519    6.353655    0.978433
 0.00037    0.256470   34.915827
 0.42255    4.322519    6.353655    0.978433
 0.00037    0.695575   47.622353
 0.56341    4.322519    6.353655    0.978433
 0.00037    1.134708   60.450993

COMB DL-G1-1 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.867583   -31.200812    -1.046079
-0.00071   -0.619476   -8.854716
 0.14085   -0.867583   -31.200812    -1.046079
-0.00071   -0.179373   -9.713465
 0.28170   -0.867583   -31.200812    -1.046079
-0.00071   -0.238008   -11.204352
 0.42255   -0.867583   -31.200812    -1.046079
-0.00071   -0.296643   -12.695239
 0.56341   -0.867583   -31.200812    -1.046079
-0.00071   -1.058680   -14.927503

COMB DL-G1-2 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.280085    9.889805    1.679181
 0.00061    0.995272   16.041682
 0.14085   10.280085    9.889805    1.679181
 0.00061    0.291402   38.727763
 0.28170   10.280085    9.889805    1.679181
 0.00061    0.416825   63.463889
 0.42255   10.280085    9.889805    1.679181
 0.00061    1.139256   89.189139
 0.56341   10.280085    9.889805    1.679181
 0.00061    1.861421   115.787391

COMB DL-G1-2 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.861805   -66.113388    -1.720898
-0.00137   -1.024170   -25.649486
 0.14085   -0.861805   -66.113388    -1.720898
-0.00137   -0.300448   -22.358404
 0.28170   -0.861805   -66.113388    -1.720898
-0.00137   -0.413937   -21.405295
 0.42255   -0.861805   -66.113388    -1.720898
-0.00137   -1.118094   -22.322898
 0.56341   -0.861805   -66.113388    -1.720898
-0.00137   -1.822264   -24.405668

COMB DL-G1-3 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.069804   21.000299    2.034109
 0.00046    1.204464   35.834786
 0.14085   11.069804   21.000299    2.034109
 0.00046    0.351719   62.003252
 0.28170   11.069804   21.000299    2.034109
 0.00046    0.485728   92.448726
 0.42255   11.069804   21.000299    2.034109
 0.00046    1.330791   125.578700
 0.56341   11.069804   21.000299    2.034109
 0.00046    2.174900   159.416604
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3409

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -1.818827   -82.980595    -2.011466
-0.00158   -1.196995   -18.167129
 0.14085   -1.818827   -82.980595    -2.011466
-0.00158   -0.351082   -16.884908
 0.28170   -1.818827   -82.980595    -2.011466
-0.00158   -0.502110   -21.280610
 0.42255   -1.818827   -82.980595    -2.011466
-0.00158   -1.355048   -27.441517
 0.56341   -1.818827   -82.980595    -2.011466
-0.00158   -2.208132   -34.239008

COMB DL-G1-4 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.596225   58.353745    2.069830
 0.00217    1.239161   80.168324
 0.14085   10.596225   58.353745    2.069830
 0.00217    0.371695   101.767955
 0.28170   10.596225   58.353745    2.069830
 0.00217    0.483840   126.418905
 0.42255   10.596225   58.353745    2.069830
 0.00217    1.321119   161.375456
 0.56341   10.596225   58.353745    2.069830
 0.00217    2.158584   201.580726

COMB DL-G1-4 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -5.999213   -99.291106    -1.995764
-0.00362   -1.191427   -17.430532
 0.14085   -5.999213   -99.291106    -1.995764
-0.00362   -0.353861   -21.946264
 0.28170   -5.999213   -99.291106    -1.995764
-0.00362   -0.507560   -31.607089
 0.42255   -5.999213   -99.291106    -1.995764
-0.00362   -1.373632   -44.374375
 0.56341   -5.999213   -99.291106    -1.995764
-0.00362   -2.240812   -66.535014

COMB DL-G2-1 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    6.147224    3.451362    0.744773
 8.35E-05   0.437529    7.703301
 0.14085    6.147224    3.451362    0.744773
 8.35E-05   0.125313   19.517261
 0.28170    6.147224    3.451362    0.744773
 8.35E-05   0.164188   33.727826
 0.42255    6.147224    3.451362    0.744773
 8.35E-05   0.456100   48.585426
 0.56341    6.147224    3.451362    0.744773
 8.35E-05   0.747341   63.934278

COMB DL-G2-1 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.166473   -38.417819    -0.694135
-0.00062   -0.416432   -15.819848
 0.14085   -0.166473   -38.417819    -0.694135
-0.00062   -0.124620   -11.884967
 0.28170   -0.166473   -38.417819    -0.694135
-0.00062   -0.187118   -9.893429
 0.42255   -0.166473   -38.417819    -0.694135
-0.00062   -0.499769   -9.467616
 0.56341   -0.166473   -38.417819    -0.694135
-0.00062   -0.812130   -9.638895

COMB DL-G2-2 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.105993    55.298946    1.237004
 0.00237    0.747763    81.978721
 0.14085    7.105993    55.298946    1.237004
 0.00237    0.230041    82.263937
 0.28170    7.105993    55.298946    1.237004
 0.00237    0.266001    85.225300
 0.42255    7.105993    55.298946    1.237004
 0.00237    0.731936    102.607722
 0.56341    7.105993    55.298946    1.237004
 0.00237    1.198323    127.766408
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3410

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -4.426835   -63.402192    -1.111586
-0.00424   -0.671346   -8.372990
 0.14085   -4.426835   -63.402192    -1.111586
-0.00424   -0.206281   -7.160618
 0.28170   -4.426835   -63.402192    -1.111586
-0.00424   -0.305573   -10.740145
 0.42255   -4.426835   -63.402192    -1.111586
-0.00424   -0.821181   -17.999359
 0.56341   -4.426835   -63.402192    -1.111586
-0.00424   -1.336615   -39.439718

COMB DL-G2-3 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.811205   54.005846    1.880628
 0.00240    1.128322   79.738682
 0.14085   10.811205   54.005846    1.880628
 0.00240    0.340386   90.653177
 0.28170   10.811205   54.005846    1.880628
 0.00240    0.432237   104.406660
 0.42255   10.811205   54.005846    1.880628
 0.00240    1.184787   131.373378
 0.56341   10.811205   54.005846    1.880628
 0.00240    1.938136   165.272453

COMB DL-G2-3 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -4.218647   -85.251521    -1.794829
-0.00441   -1.107664   -12.812226
 0.14085   -4.218647   -85.251521    -1.794829
-0.00441   -0.324000   -14.974945
 0.28170   -4.218647   -85.251521    -1.794829
-0.00441   -0.463316   -18.645287
 0.42255   -4.218647   -85.251521    -1.794829
-0.00441   -0.602630   -22.315630
 0.56341   -4.218647   -85.251521    -1.794829
-0.00441   -2.036741   -45.559599

COMB DL-G2-4 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   10.407977   69.240715    2.006099
 0.00215    1.198362   66.956006
 0.14085   10.407977   69.240715    2.006099
 0.00215    0.357317   89.241859
 0.28170   10.407977   69.240715    2.006099
 0.00215    0.456357   114.259764
 0.42255   10.407977   69.240715    2.006099
 0.00215    1.248769   148.085280
 0.56341   10.407977   69.240715    2.006099
 0.00215    2.041317   186.242774

COMB DL-G2-4 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -7.533358   -94.327397    -1.888480
-0.00319   -1.128429   -19.917891
 0.14085   -7.533358   -94.327397    -1.888480
-0.00319   -0.335677   -31.999748
 0.28170   -7.533358   -94.327397    -1.888480
-0.00319   -0.493071   -48.445429
 0.42255   -7.533358   -94.327397    -1.888480
-0.00319   -1.332738   -67.325640
 0.56341   -7.533358   -94.327397    -1.888480
-0.00319   -2.173341   -94.164184

COMB DL-G3-1 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    1.458630    69.921172    0.732731
 0.00124    0.436851    3.160843
 0.14085    1.458630    69.921172    0.732731
 0.00124    0.129218    5.594447
 0.28170    1.458630    69.921172    0.732731
 0.00124    0.161493    8.156830
 0.42255    1.458630    69.921172    0.732731
 0.00124    0.438868    11.204995
 0.56341    1.458630    69.921172    0.732731
 0.00124    0.716021    15.759557
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3411

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -8.504443   -11.369480    -0.660818
-0.00044   -0.392381   -26.781411
 0.14085   -8.504443   -11.369480    -0.660818
-0.00044   -0.115018   -54.830604
 0.28170   -8.504443   -11.369480    -0.660818
-0.00044   -0.178043   -83.034719
 0.42255   -8.504443   -11.369480    -0.660818
-0.00044   -0.485323   -111.890336
 0.56341   -8.504443   -11.369480    -0.660818
-0.00044   -0.792919   -141.031732

COMB DL-G3-2 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    2.627847   136.329317    1.149207
 0.00457    0.710536   91.902729
 0.14085    2.627847   136.329317    1.149207
 0.00457    0.229035   75.697283
 0.28170    2.627847   136.329317    1.149207
 0.00457    0.248388   62.901020
 0.42255    2.627847   136.329317    1.149207
 0.00457    0.670829   67.251851
 0.56341    2.627847   136.329317    1.149207
 0.00457    1.095176   82.242296

COMB DL-G3-2 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.214381   -39.282251    -1.011601
-0.00534   -0.610619   -24.630554
 0.14085   -14.214381   -39.282251    -1.011601
-0.00534   -0.188939   -54.133482
 0.28170   -14.214381   -39.282251    -1.011601
-0.00534   -0.275734   -85.149072
 0.42255   -14.214381   -39.282251    -1.011601
-0.00534   -0.753659   -121.601706
 0.56341   -14.214381   -39.282251    -1.011601
-0.00534   -1.233721   -177.354446

COMB DL-G3-3 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    6.075940   117.315391    1.621913
 0.00351    0.980512   79.341937
 0.14085    6.075940   117.315391    1.621913
 0.00351    0.501706   79.524678
 0.28170    6.075940   117.315391    1.621913
 0.00351    0.349771   83.209761
 0.42255    6.075940   117.315391    1.621913
 0.00351    0.955475   101.061804
 0.56341    6.075940   117.315391    1.621913
 0.00351    1.561899   126.371441

COMB DL-G3-3 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -12.428871   -62.992266    -1.445167
-0.00445   -0.867721   -22.961386
 0.14085   -12.428871   -62.992266    -1.445167
-0.00445   -0.262803   -50.228363
 0.28170   -12.428871   -62.992266    -1.445167
-0.00445   -0.395983   -81.081599
 0.42255   -12.428871   -62.992266    -1.445167
-0.00445   -1.073247   -115.023913
 0.56341   -12.428871   -62.992266    -1.445167
-0.00445   -1.751951   -163.161605

COMB DL-G3-4 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    9.721138   100.696572    1.974367
 0.00312    1.184773   69.941454
 0.14085    9.721138   100.696572    1.974367
 0.00312    0.357980   79.391989
 0.28170    9.721138   100.696572    1.974367
 0.00312    0.441057   92.622835
 0.42255    9.721138   100.696572    1.974367
 0.00312    0.524134   105.853680
 0.56341    9.721138   100.696572    1.974367
 0.00312    1.974013   149.749962
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3412

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -10.516293   -79.678690    -1.827279
-0.00418   -1.095218   -30.209561
 0.14085   -10.516293   -79.678690    -1.827279
-0.00418   -0.329139   -50.992566
 0.28170   -10.516293   -79.678690    -1.827279
-0.00418   -0.484924   -75.804639
 0.42255   -10.516293   -79.678690    -1.827279
-0.00418   -1.310471   -103.747455
 0.56341   -10.516293   -79.678690    -1.827279
-0.00418   -2.137195   -143.775763

COMB DB ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    7.037447   107.065236    1.119919
 0.00490    0.677446   82.318548
 0.14085    7.037447   107.065236    1.119919
 0.00490    0.208235   85.741090
 0.28170    7.037447   107.065236    1.119919
 0.00490    0.270557   96.798670
 0.42255    7.037447   107.065236    1.119919
 0.00490    0.736954   123.983706
 0.56341    7.037447   107.065236    1.119919
 0.00490    1.203282   155.486002

COMB DB ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -10.134952   -75.960046    -1.111874
-0.00526   -0.661995   -25.729228
 0.14085   -10.134952   -75.960046    -1.111874
-0.00526   -0.200460   -33.438671
 0.28170   -10.134952   -75.960046    -1.111874
-0.00526   -0.275449   -50.835865
 0.42255   -10.134952   -75.960046    -1.111874
-0.00526   -0.744451   -74.823499
 0.56341   -10.134952   -75.960046    -1.111874
-0.00526   -1.213464   -114.838573

COMB DL ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.069804   136.329317    2.069830
 0.00457    1.239161    91.902729
 0.14085   11.069804   136.329317    2.069830
 0.00457    0.371695   101.767955
 0.28170   11.069804   136.329317    2.069830
 0.00457    0.485728   126.418905
 0.42255   11.069804   136.329317    2.069830
 0.00457    1.330791   161.375456
 0.56341   11.069804   136.329317    2.069830
 0.00457    2.174900   201.580726

COMB DL ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.214381   -99.291106    -2.011466
-0.00534   -1.196995   -30.209561
 0.14085   -14.214381   -99.291106    -2.011466
-0.00534   -0.353861   -54.830604
 0.28170   -14.214381   -99.291106    -2.011466
-0.00534   -0.507560   -85.149072
 0.42255   -14.214381   -99.291106    -2.011466
-0.00534   -1.373632   -121.601706
 0.56341   -14.214381   -99.291106    -2.011466
-0.00534   -2.240812   -177.354446

COMB CAR ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.069804   136.329317    2.069830
 0.00490    1.239161    91.902729
 0.14085   11.069804   136.329317    2.069830
 0.00490    0.371695   101.767955
 0.28170   11.069804   136.329317    2.069830
 0.00490    0.485728   126.418905
 0.42255   11.069804   136.329317    2.069830
 0.00490    1.330791   161.375456
 0.56341   11.069804   136.329317    2.069830
 0.00490    2.174900   201.580726
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3413

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB CAR ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.214381   -99.291106    -2.011466
-0.00534   -1.196995   -30.209561
 0.14085   -14.214381   -99.291106    -2.011466
-0.00534   -0.353861   -54.830604
 0.28170   -14.214381   -99.291106    -2.011466
-0.00534   -0.507560   -85.149072
 0.42255   -14.214381   -99.291106    -2.011466
-0.00534   -1.373632   -121.601706
 0.56341   -14.214381   -99.291106    -2.011466
-0.00534   -2.240812   -177.354446

COMB DESIGN ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.069804   136.329317    2.069830
 0.00490    1.239161    91.902729
 0.14085   11.069804   136.329317    2.069830
 0.00490    0.371695   101.767955
 0.28170   11.069804   136.329317    2.069830
 0.00490    0.485728   126.418905
 0.42255   11.069804   136.329317    2.069830
 0.00490    1.330791   161.375456
 0.56341   11.069804   136.329317    2.069830
 0.00490    2.174900   201.580726

COMB DESIGN ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -14.214381   -99.291106    -2.011466
-0.00534   -1.196995   -30.209561
 0.14085   -14.214381   -99.291106    -2.011466
-0.00534   -0.353861   -54.830604
 0.28170   -14.214381   -99.291106    -2.011466
-0.00534   -0.507560   -85.149072
 0.42255   -14.214381   -99.291106    -2.011466
-0.00534   -1.373632   -121.601706
 0.56341   -14.214381   -99.291106    -2.011466
-0.00534   -2.240812   -177.354446

ELEM      322 ================== LENGTH
=    2.977323

COMB DB-G1-1 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43663    2.059558    3.179019    0.542853
 0.00074    0.568413    4.673999
 0.57748    2.059558    3.179019    0.542853
 0.00074    0.340778    3.352754
 0.71832    2.059558    3.179019    0.542853
 0.00074    0.113143    2.034722
 0.85916    2.059558    3.179019    0.542853
 0.00074    0.114573    1.292808
 1.00000    2.059558    3.179019    0.542853
 0.00074    0.436048    3.689281

COMB DB-G1-1 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43663   -1.371500   -17.573274    -0.692715
-0.00077   -0.725869   -27.231810
 0.57748   -1.371500   -17.573274    -0.692715
-0.00077   -0.435393   -19.931734
 0.71832   -1.371500   -17.573274    -0.692715
-0.00077   -0.144925   -12.666622
 0.85916   -1.371500   -17.573274    -0.692715
-0.00077   -0.114498   -5.679383
 1.00000   -1.371500   -17.573274    -0.692715
-0.00077   -0.342127   -1.385851

COMB DB-G1-2 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43663    7.368587    4.809897    0.893582
 0.00135    0.935928    6.914969
 0.57748    7.368587    4.809897    0.893582
 0.00135    0.561221    4.929448
 0.71832    7.368587    4.809897    0.893582
 0.00135    0.186460    3.018548
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD              >
                                3414

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.85916    7.368587    4.809897    0.893582
 0.00135    0.241146    1.913923
 1.00000    7.368587    4.809897    0.893582
 0.00135    0.722084    8.078720

COMB DB-G1-2 ---------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43663   -0.403922   -36.229943    -1.147115
-0.00138   -1.202298   -63.639664
 0.57748   -0.403922   -36.229943    -1.147115
-0.00138   -0.721273   -49.480668
 0.71832   -0.403922   -36.229943    -1.147115
-0.00138   -0.240212   -35.919500
 0.85916   -0.403922   -36.229943    -1.147115
-0.00138   -0.188327   -23.537658
 1.00000   -0.403922   -36.229943    -1.147115
-0.00138   -0.562899   -14.069230

COMB DB-G1-3 ---------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43663    7.851349    4.176203    1.094409
 0.00098    1.146695    6.467352
 0.57748    7.851349    4.176203    1.094409
 0.00098    0.687775    4.725727
 0.71832    7.851349    4.176203    1.094409
 0.00098    0.228745    2.987021
 0.85916    7.851349    4.176203    1.094409
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0.000988     0.277445     2.187435
1.00000      7.851349     4.176203     1.094409
0.000988     0.832765    14.672690

COMB DB-G1-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -0.274862   -45.788677   -1.324107
-0.001012   -1.388194   -67.361229
0.57748    -0.274862   -45.788677   -1.324107
-0.001012   -0.832951   -48.697375
0.71832    -0.274862   -45.788677   -1.324107
-0.001012   -0.277572   -30.362236
0.85916    -0.274862   -45.788677   -1.324107
-0.001012   -0.229968   -13.674310
1.00000    -0.274862   -45.788677   -1.324107
-0.001012   -0.688984    -7.124989

COMB DB-G1-4 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     8.049955    15.282103    1.133930
 0.003203    1.187949    22.268285
0.57748     8.049955    15.282103    1.133930
 0.003203    0.712457    16.336814
0.71832     8.049955    15.282103    1.133930
 0.003203    0.236855    11.866315
0.85916     8.049955    15.282103    1.133930
 0.003203    0.280105    24.197032
1.00000     8.049955    15.282103    1.133930
 0.003203    0.823351    57.197181

COMB DB-G1-4 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -2.910765   -93.551644   -1.299231
-0.003222   -1.361886  -104.139998
0.57748    -2.910765   -93.551644   -1.299231
-0.003222   -0.817075   -65.392727
0.71832    -2.910765   -93.551644   -1.299231
-0.003222   -0.272132   -29.943836
0.85916    -2.910765   -93.551644   -1.299231
-0.003222   -0.241803   -12.269532
1.00000    -2.910765   -93.551644   -1.299231
-0.003222   -0.714020    -9.454290

COMB DG-G2-1 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     5.606981     1.077837    0.370197
0.000450    0.388101     1.492986
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3415

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
     T           M2          M3
0.57748     5.606981     1.077837    0.370197
0.000450    0.232866     1.047137
0.71832     5.606981     1.077837    0.370197
0.000450    0.077576     0.606104
0.85916     5.606981     1.077837    0.370197
0.000450    0.096503     0.246777
1.00000     5.606981     1.077837    0.370197
0.000450    0.290022     4.488278

COMB DB-G2-1 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -0.123233   -19.531532   -0.461440
-0.000451   -0.483937   -38.919804
0.57748    -0.123233   -19.531532   -0.461440
-0.000451   -0.290440   -31.876942
0.71832    -0.123233   -19.531532   -0.461440
-0.000451   -0.096877   -25.954573
0.85916    -0.123233   -19.531532   -0.461440
-0.000451   -0.077566   -20.170700
1.00000    -0.123233   -19.531532   -0.461440
-0.000451   -0.232840   -14.520391

COMB DB-G2-2 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     7.850255     6.140251    0.675965
0.002998    0.708668     6.930888
0.57748     7.850255     6.140251    0.675965
0.002998    0.425214     4.887399
0.71832     7.850255     6.140251    0.675965
0.002998    0.141660     4.688493
0.85916     7.850255     6.140251    0.675965
0.002998    0.162951    26.123801
1.00000     7.850255     6.140251    0.675965
0.002998    0.466766    57.255463

COMB DB-G2-2 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -1.533182   -78.991319   -0.729677
-0.002999   -0.765349   -79.846480
0.57748    -1.533182   -78.991319   -0.729677
-0.002999   -0.459369   -47.329604
0.71832    -1.533182   -78.991319   -0.729677
-0.002999   -0.153220   -19.232102
0.85916    -1.533182   -78.991319   -0.729677
-0.002999   -0.146231    -9.406305
1.00000    -1.533182   -78.991319   -0.729677
-0.002999   -0.425145    -9.687618

COMB DB-G2-3 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     9.438146     7.824582    1.024787
0.003267    0.644160     6.805176
0.57748     9.438146     7.824582    1.024787
0.003267    0.644160     6.805176
0.71832     9.438146     7.824582    1.024787
0.003267    0.214340     5.672047
0.85916     9.438146     7.824582    1.024787
0.003267    0.258748    23.976570
1.00000     9.438146     7.824582    1.024787
0.003267    0.756084    54.345812

COMB DB-G2-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -1.508118   -85.890064   -1.190593
-0.003276   -1.248349   -94.374876
0.57748    -1.508118   -85.890064   -1.190593
-0.003276   -0.749094   -58.906270
0.71832    -1.508118   -85.890064   -1.190593
-0.003276   -0.249652   -27.510085
0.85916    -1.508118   -85.890064   -1.190593
-0.003276   -0.219388   -13.457074
1.00000    -1.508118   -85.890064   -1.190593
-0.003276   -0.645015   -10.907355
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3416

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     7.749209    23.398151    1.072883
 0.002833    1.124040    33.896661
0.57748     7.749209    23.398151    1.072883
 0.002833    0.674153    24.440939
0.71832     7.749209    23.398151    1.072883
 0.002833    0.224146    16.136024
0.85916     7.749209    23.398151    1.072883
0.002833     0.264772    21.466967
1.00000      7.749209    23.398151    1.072883
0.002833     0.780865    48.583126

COMB DB-G2-4 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -4.066069   -79.688838   -1.233478
-0.002831   -1.292991   -89.248055
0.57748    -4.066069   -79.688838   -1.233478
-0.002831   -0.775742   -56.386182
0.71832    -4.066069   -79.688838   -1.233478
-0.002831   -0.258270   -26.326265
0.85916    -4.066069   -79.688838   -1.233478
-0.002831   -0.228290   -11.367686
1.00000    -4.066069   -79.688838   -1.233478
-0.002831   -0.675540   -12.364758

COMB DB-G3-1 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     0.280576    38.059710    0.378659
0.000853    0.396575    53.223035
0.57748     0.280576    38.059710    0.378659
0.000853    0.237791    37.280448
0.71832     0.280576    38.059710    0.378659
0.000853    0.078995    21.340401
0.85916     0.280576    38.059710    0.378659
0.000853    0.093744     5.428484
1.00000     0.280576    38.059710    0.378659
0.000853    0.280370     1.697863

COMB DB-G3-1 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -5.328130    -3.659939   -0.445026
-0.000847   -0.466095    -4.940321
0.57748    -5.328130    -3.659939   -0.445026
-0.000847   -0.279482    -3.430432
0.71832    -5.328130    -3.659939   -0.445026
-0.000847   -0.092854    -1.996807
0.85916    -5.328130    -3.659939   -0.445026
-0.000847   -0.077977    -0.847728
1.00000    -5.328130    -3.659939   -0.445026
-0.000847   -0.238559   -11.757868

COMB DB-G3-2 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     2.802437    49.474948    0.628558
 0.004364    0.658449    74.042101
0.57748     2.802437    49.474948    0.628558
 0.004364    0.394875    54.156720
0.71832     2.802437    49.474948    0.628558
 0.004364    0.131268    36.516428
0.85916     2.802437    49.474948    0.628558
 0.004364    0.153983    43.788566
1.00000     2.802437    49.474948    0.628558
 0.004364    0.433196    63.000886

COMB DB-G3-2 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -8.645358   -68.659740   -0.671969
-0.004353   -0.703931   -54.954568
0.57748    -8.645358   -68.659740   -0.671969
-0.004353   -0.422146   -26.365947
0.71832    -8.645358   -68.659740   -0.671969
-0.004353   -0.140223    -3.279835
0.85916    -8.645358   -68.659740   -0.671969
-0.004353   -0.137890    -2.243235
1.00000    -8.645358   -68.659740   -0.671969
-0.004353   -0.395847   -15.391330
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3417

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     5.215040    40.544428    0.861259
 0.003221    0.902602    55.829564
0.57748     5.215040    40.544428    0.861259
 0.003221    0.541450    39.281715
0.71832     5.215040    40.544428    0.861259
 0.003221    0.180200    24.275153
0.85916     5.215040    40.544428    0.861259
 0.003221    0.207473    27.392841
1.00000     5.215040    40.544428    0.861259
 0.003221    0.603401    48.760168

COMB DB-G3-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -6.490264   -66.071136   -0.948213
-0.003211   -0.993914   -62.843043
0.57748    -6.490264   -66.071136   -0.948213
-0.003211   -0.596304   -35.220785
0.71832    -6.490264   -66.071136   -0.948213
-0.003211   -0.198443   -11.084160
0.85916    -6.490264   -66.071136   -0.948213
-0.003211   -0.184631    -2.448126
1.00000    -6.490264   -66.071136   -0.948213
-0.003211   -0.542008   -13.449354

COMB DB-G3-4 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     7.988918    35.376000    1.043557
 0.003138    1.093452    48.840565
0.57748     7.988918    35.376000    1.043557
 0.003138    0.656859    34.382311
0.71832     7.988918    35.376000    1.043557
 0.003138    0.218149    21.198856
0.85916     7.988918    35.376000    1.043557
 0.003138    0.261194    23.078684
1.00000     7.988918    35.376000    1.043557
 0.003138    0.767808    42.644781

COMB DB-G3-4 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -5.495162   -67.920639   -1.211463
-0.003133   -1.269865   -75.688405
0.57748    -5.495162   -67.920639   -1.211463
-0.003133   -0.761862   -47.721808
0.71832    -5.495162   -67.920639   -1.211463
-0.003133   -0.253640   -22.940740
0.85916    -5.495162   -67.920639   -1.211463
-0.003133   -0.222415   -11.501029
1.00000    -5.495162   -67.920639   -1.211463
-0.003133   -0.656919   -17.992913

COMB DL-G1-1 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     3.435482     7.076804    1.052023
0.000761    1.102509    10.540022
0.57748     3.435482     7.076804    1.052023
0.000761    0.661399     7.562247
0.71832     3.435482     7.076804    1.052023
0.000761    0.220220     4.631844
0.85916     3.435482     7.076804    1.052023
0.000761    0.246374     2.054232
1.00000     3.435482     7.076804    1.052023
0.000761    0.740636     6.511661

COMB DL-G1-1 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -1.316928   -35.753517   -1.177265
-0.000836   -1.233377   -54.602540
0.57748    -1.316928   -35.753517   -1.177265
-0.000836   -0.739479   -39.637373
0.71832    -1.316928   -35.753517   -1.177265
-0.000836   -0.245283   -24.688808
0.85916    -1.316928   -35.753517   -1.177265
-0.000836   -0.220939    -9.884282
1.00000    -1.316928   -35.753517   -1.177265
-0.000836    0.662142     2.181204
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3418

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    12.982342    10.211143    1.790893
 0.001294    1.876661    14.698634
0.57748    12.982342    10.211143    1.790893
 0.001294    1.125706    10.432875
0.71832    12.982342    10.211143    1.790893
 0.001294    0.374617     6.246060
0.85916    12.982342    10.211143    1.790893
 0.001294    0.409129     2.634212
1.00000    12.982342    10.211143    1.790893
 0.001294    1.230508    11.814173

COMB DL-G1-2 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -0.762260   -73.856236   -1.956620
-0.001393   -2.050130  -125.527314
0.57748    -0.762260   -73.856236   -1.956620
-0.001393   -1.299407   -94.582883
0.71832    -0.762260   -73.856236   -1.956620
-0.001393   -0.408143   -63.788133
0.85916    -0.762260   -73.856236   -1.956620
-0.001393   -0.376358   -33.691232
1.00000    -0.762260   -73.856236   -1.956620
-0.001393   -1.127403   -14.801648

COMB DL-G1-3 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    13.859716     9.786011    2.141482
 0.001015    2.244368    15.489118
0.57748    13.859716     9.786011    2.141482
 0.001015    1.346341    11.422191
0.71832    13.859716     9.786011    2.141482
 0.001015    0.448600     7.406560
0.85916    13.859716     9.786011    2.141482
 0.001015    0.484552     6.246764
1.00000    13.859716     9.786011    2.141482
 0.001015    1.460635    27.596136

COMB DL-G1-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -0.840510   -91.902151   -2.323651
-0.001103   -2.435004  -134.451958
0.57748    -0.840570   -91.902151   -2.323651
-0.001103   -1.460069   -95.959630
0.71832    -0.840570   -91.902151   -2.323651
-0.001103   -0.484028   -57.559808
0.85916    -0.840570   -91.902151   -2.323651
-0.001103   -0.449874   -22.787516
1.00000    -0.840570   -91.902151   -2.323651
-0.001103   -1.347636    -9.019028

COMB DL-G1-4 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    13.244169    26.110129    2.114743
 0.002621    2.215433    42.258768
0.57748    13.244169    26.110129    2.114743
 0.002621    1.328591    31.687843
0.71832    13.244169    26.110129    2.114743
 0.002621    0.442708    23.286093
0.85916    13.244169    26.110129    2.114743
 0.002621    0.484800    32.183644
1.00000    13.244169    26.110129    2.114743
 0.002621    1.446239    68.269660

COMB DL-G1-4 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -4.501224  -131.233639   -2.291691
-0.002686   -2.400222  -160.792983
0.57748    -4.501224  -131.233639   -2.291691
-0.002686   -1.438746  -106.136490
0.71832    -4.501224  -131.233639   -2.291691
-0.002686   -0.477193   -54.280525
0.85916    -4.501224  -131.233639   -2.291691
-0.002686   -0.448532   -19.870465
1.00000    -4.501224  -131.233639   -2.291691
-0.002686   -1.331652   -10.892475
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3419

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    10.113623     2.168544    0.773715
 0.000386    0.813824     2.982834
0.57748    10.113623     2.168544    0.773715
 0.000386    0.486295     2.076389
0.71832    10.113623     2.168544    0.773715
 0.000386    0.161926     1.179944
0.85916    10.113623     2.168544    0.773715
 0.000386    0.189320     0.359705
1.00000    10.113623     2.168544    0.773715
 0.000386    0.510806     7.307088

COMB DL-G2-1 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -0.156250   -41.479438   -0.813195
-0.000396   -0.852472   -76.955121
0.57748    -0.156250   -41.479438   -0.813195
-0.000396   -0.511337   -59.563568
0.71832    -0.156250   -41.479438   -0.813195
-0.000396   -0.169485   -42.178986
0.85916    -0.156250   -41.479438   -0.813195
-0.000396   -0.162502   -24.863947
1.00000    -0.156250   -41.479438   -0.813195
-0.000396   -0.486944   -13.667711

COMB DL-G2-2 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    12.414870     6.728005    1.251182
 0.002368    1.309839    10.038701
0.57748    12.414870     6.728005    1.251182
 0.002368    0.785022     7.590313
0.71832    12.414870     6.728005    1.251182
 0.002368    0.261864     8.046524
0.85916    12.414870     6.728005    1.251182
 0.002368    0.285421    31.055647
1.00000    12.414870     6.728005    1.251182
 0.002368    0.840300    71.997269

COMB DL-G2-2 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -1.671626  -110.358747   -1.323698
-0.002372   -1.385777  -121.020014
0.57748    -1.671626  -110.358747   -1.323698
-0.002372   -0.830360   -75.111712
0.71832    -1.671626  -110.358747   -1.323698
-0.002372   -0.275135   -33.121629
0.85916    -1.671626  -110.358747   -1.323698
-0.002372   -0.269688   -11.620852
1.00000    -1.671626  -110.358747   -1.323698
-0.002372   -0.788584    -8.691154

COMB DL-G2-3 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    16.283182    11.053695    1.948030
 0.002711    2.040142    16.238674
0.57748    16.283182    11.053695    1.948030
 0.002711    1.223277    11.937958
0.71832    16.283182    11.053695    1.948030
 0.002711    0.407348    10.271258
0.85916    16.283182    11.053695    1.948030
 0.002711    0.445064    28.659084
1.00000    16.283182    11.053695    1.948030
 0.002711    1.322201    69.127454

COMB DL-G2-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -1.707439  -130.240318   -2.091133
-0.002732   -2.190091  -157.850605
0.57748    -1.707439  -130.240318   -2.091133
-0.002732   -1.312749  -103.618000
0.71832    -1.707439  -130.240318   -2.091133
-0.002732   -0.435481   -52.972663
0.85916    -1.707439  -130.240318   -2.091133
-0.002732   -0.415383   -21.088138
1.00000    -1.707439  -130.240318   -2.091133
-0.002732   -1.227309   -11.593719
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3420

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663    13.568522    42.400818    2.007388
 0.002415    2.103077    64.050369
0.57748    13.568522    42.400818    2.007388
 0.002415    1.261228    46.563342
0.71832    13.568522    42.400818    2.007388
 0.002415    0.420080    30.844141
0.85916    13.568522    42.400818    2.007388
 0.002415    0.456737    29.171163
1.00000    13.568522    42.400818    2.007388
 0.002415    1.364743    58.299848

COMB DL-G2-4 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -6.496609  -116.460477   -2.163882
-0.002386   -2.266713  -144.621238
0.57748    -6.496609  -116.460477   -2.163882
-0.002386   -1.358989   -96.102558
0.71832    -6.496609  -116.460477   -2.163882
-0.002386   -0.450783   -49.901205
0.85916    -6.496609  -116.460477   -2.163882
-0.002386   -0.425055   -17.877757
1.00000    -6.496609  -116.460477   -2.163882
-0.002386   -1.263868   -15.263853

COMB DL-G3-1 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     0.565965    81.875948    0.653841
 0.000896    0.685517   111.850634
0.57748     0.565965    81.875948    0.653841
 0.000896    0.411214    77.558056
0.71832     0.565965    81.875948    0.653841
 0.000896    0.136958    43.346163
0.85916     0.565965    81.875948    0.653841
 0.000896    0.148175     9.406839
1.00000     0.565965    81.875948    0.653841
 0.000896    0.445924     2.961717

COMB DL-G3-1 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -9.668812    -7.717407   -0.709459
-0.000873   -0.743585   -10.435241
0.57748    -9.668812    -7.717407   -0.709459
-0.000873   -0.446053    -7.238627
0.71832    -9.668812    -7.717407   -0.709459
-0.000873   -0.148353    -4.158278
0.85916    -9.668812    -7.717407   -0.709459
-0.000873   -0.150880    -1.078125
1.00000    -9.668812    -7.717407   -0.709459
-0.000873   -0.411125   -26.184286

COMB DL-G3-2 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     3.858860    92.745164    1.036246
 0.004077    1.084236   134.586188
0.57748     3.858860    92.745164    1.036246
 0.004077    0.649500    96.427059
0.71832     3.858860    92.745164    1.036246
 0.004077    0.216537    62.942641
0.85916     3.858860    92.745164    1.036246
 0.004077    0.249648    59.218471
1.00000     3.858860    92.745164    1.036246
 0.004077    0.720011    82.230389

COMB DL-G3-2 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -13.336961   -90.235595   -1.125904
-0.004052   -1.177348   -74.345079
0.57748    -13.336961   -90.235595   -1.125904
-0.004052   -0.705148   -37.254451
0.71832    -13.336961   -90.235595   -1.125904
-0.004052   -0.234381    -6.370378
0.85916    -13.336961   -90.235595   -1.125904
-0.004052   -0.227036    -2.836358
1.00000    -13.336961   -90.235595   -1.125904
-0.004052   -0.653780   -27.622058
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3421

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P           V2          V3
     T           M2          M3
0.43663     8.644283    79.612617    1.537925
 0.003126    1.616016   111.753359
0.57748     8.644283    79.612617    1.537925
 0.003126    0.965636    78.756132
0.71832     8.644283    79.612617    1.537925
 0.003126    0.321625    48.736269
0.85916     8.644283    79.612617    1.537925
 0.003126    0.354152    40.277745
1.00000     8.644283    79.612617    1.537925
 0.003126    1.046126    70.064866

COMB DL-G3-3 ---------- MIN

REL DIST          P           V2          V3
     T           M2          M3
0.43663    -11.005986  -100.691605   -1.650946
-0.003103   -1.728603  -101.058171
0.57748    -11.005986  -100.691605   -1.650946
-0.003103   -1.035947   -59.225455
0.71832    -11.005986  -100.691605   -1.650946
-0.003103   -0.343686   -21.413054
0.85916    -11.005986  -100.691605   -1.650946
-0.003103   -0.329327    -4.217033
1.00000    -11.005986  -100.691605   -1.650946
-0.003103   -0.968720   -24.925100
```

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.121756	69.815253	1.945585
0.003061	2.037870	98.071909	
0.57748	14.121756	69.815253	1.945585
0.003061	1.222030	69.115936	
0.71832	14.121756	69.815253	1.945585
0.003061	0.406833	42.633506	
0.85916	14.121756	69.815253	1.945585
0.003061	0.443604	34.175585	
1.00000	14.121756	69.815253	1.945585
0.003061	1.318815	61.721131	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-9.307906	-112.138530	-2.086990
-0.003047	-2.185852	-134.166746	
0.57748	-9.307906	-112.138530	-2.086990
-0.003047	-1.310389	-87.489796	
0.71832	-9.307906	-112.138530	-2.086990
-0.003047	-0.434866	-44.225494	
0.85916	-9.307906	-112.138530	-2.086990
-0.003047	-0.413996	-18.288354	
1.00000	-9.307906	-112.138530	-2.086990
-0.003047	-1.225321	-27.832270	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.438146	49.474948	1.133930
0.004364	1.187949	74.042101	
0.57748	9.438146	49.474948	1.133930
0.004364	0.712457	54.156720	
0.71832	9.438146	49.474948	1.133930
0.004364	0.236855	36.516428	
0.85916	9.438146	49.474948	1.133930
0.004364	0.280105	43.788566	
1.00000	9.438146	49.474948	1.133930
0.004364	0.832765	63.000886	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.645358	-93.551644	-1.324107
-0.004353	-1.388194	-104.139998	
0.57748	-8.645358	-93.551644	-1.324107
-0.004353	-0.832951	-65.392727	
0.71832	-8.645358	-93.551644	-1.324107
-0.004353	-0.277572	-35.919500	
0.85916	-8.645358	-93.551644	-1.324107
-0.004353	-0.241803	-23.537658	
1.00000	-8.645358	-93.551644	-1.324107
-0.004353	-1.514020	-17.159213	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3422

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.283182	92.745164	2.141482
0.004077	2.244368	134.586188	
0.57748	16.283182	92.745164	2.141482
0.004077	1.346341	96.427059	
0.71832	16.283182	92.745164	2.141482
0.004077	0.448600	62.942641	
0.85916	16.283182	92.745164	2.141482
0.004077	0.484800	59.218471	
1.00000	16.283182	92.745164	2.141482
0.004077	1.460635	82.230389	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.336961	-131.233639	-2.323651
-0.004052	-2.435004	-160.792983	
0.57748	-13.336961	-131.233639	-2.323651
-0.004052	-1.460069	-106.136490	
0.71832	-13.336961	-131.233639	-2.323651
-0.004052	-0.484028	-63.788133	
0.85916	-13.336961	-131.233639	-2.323651
-0.004052	-0.449674	-33.691232	
1.00000	-13.336961	-131.233639	-2.323651
-0.004052	-1.347636	-27.832270	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.283182	92.745164	2.141482
0.004364	2.244368	134.586188	
0.57748	16.283182	92.745164	2.141482
0.004364	1.346341	96.427059	
0.71832	16.283182	92.745164	2.141482
0.004364	0.448600	62.942641	
0.85916	16.283182	92.745164	2.141482
0.004364	0.484800	59.218471	
1.00000	16.283182	92.745164	2.141482
0.004364	1.460635	82.230389	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.336961	-131.233639	-2.323651
-0.004353	-2.435004	-160.792983	
0.57748	-13.336961	-131.233639	-2.323651
-0.004353	-1.460069	-106.136490	
0.71832	-13.336961	-131.233639	-2.323651
-0.004353	-0.484028	-63.788133	
0.85916	-13.336961	-131.233639	-2.323651
-0.004353	-0.449674	-33.691232	
1.00000	-13.336961	-131.233639	-2.323651
-0.004353	-1.347636	-27.832270	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.283182	92.745164	2.141482
0.004364	2.244368	134.586188	
0.57748	16.283182	92.745164	2.141482
0.004364	1.346341	96.427059	
0.71832	16.283182	92.745164	2.141482
0.004364	0.448600	62.942641	
0.85916	16.283182	92.745164	2.141482
0.004364	0.484800	59.218471	
1.00000	16.283182	92.745164	2.141482
0.004364	1.460635	82.230389	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.336961	-131.233639	-2.323651
-0.004353	-2.435004	-160.792983	
0.57748	-13.336961	-131.233639	-2.323651
-0.004353	-1.460069	-106.136490	
0.71832	-13.336961	-131.233639	-2.323651
-0.004353	-0.484028	-63.788133	
0.85916	-13.336961	-131.233639	-2.323651
-0.004353	-0.449674	-33.691232	
1.00000	-13.336961	-131.233639	-2.323651
-0.004353	-1.347636	-27.832270	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3423

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 323 ========== LENGTH = 2.977349

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.037266	3.196482	0.536915
0.000565	0.336649	3.693315	
0.14084	2.037266	3.196482	0.536915
0.000565	0.111508	10.525440	
0.28169	2.037266	3.196482	0.536915
0.000565	0.145965	17.499030	
0.42253	2.037266	3.196482	0.536915
0.000565	0.435607	24.555495	
0.56337	2.037266	3.196482	0.536915
0.000565	0.725247	31.794540	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.372240	-17.385047	-0.690709
-0.000553	-0.433325	-1.388092	
0.14084	-1.372240	-17.385047	-0.690709
-0.000553	-0.143687	-2.531517	
0.28169	-1.372240	-17.385047	-0.690709
-0.000553	-0.113648	-3.700332	
0.42253	-1.372240	-17.385047	-0.690709
-0.000553	-0.338797	-4.926604	
0.56337	-1.372240	-17.385047	-0.690709
-0.000553	-0.563946	-6.204509	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.258235	5.879493	0.886076
0.001074	0.555728	8.087319	
0.14084	7.258235	5.879493	0.886076
0.001074	0.184346	20.597045	
0.28169	7.258235	5.879493	0.886076
0.001074	0.241914	33.670449	
0.42253	7.258235	5.879493	0.886076
0.001074	0.722597	47.494620	
0.56337	7.258235	5.879493	0.886076
0.001074	1.203221	61.801343	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.470240	-34.834358	-1.146151
-0.001064	0.719578	-14.069316	
0.14084	-0.470240	-34.834358	-1.146151
-0.001064	-0.238996	-10.985610	
0.28169	-0.470240	-34.834358	-1.146151
-0.001064	-0.187356	-9.014517	
0.42253	-0.470240	-34.834358	-1.146151
-0.001064	-0.558966	-8.070986	
0.56337	-0.470240	-34.834358	-1.146151
-0.001064	-0.930530	-9.663992	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.776379	4.165152	1.088161
0.001177	0.682456	14.687736	
0.14084	7.776379	4.165152	1.088161
0.001177	0.226080	32.822145	
0.28169	7.776379	4.165152	1.088161
0.001177	0.279628	51.323035	
0.42253	7.776379	4.165152	1.088161
0.001177	0.825650	69.823858	
0.56337	7.776379	4.165152	1.088161
0.001177	1.391587	88.922777	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265159	-45.321412	-1.325669
-0.001169	-0.832019	-7.125098	
0.14084	-0.265159	-45.321412	-1.325669
-0.001169	-0.276096	-6.304933	
0.28169	-0.265159	-45.321412	-1.325669
-0.001169	-0.230045	-6.224300	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3424

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.265159	-45.321412	-1.325669
-0.001169	-0.686463	-6.553010	
0.56337	-0.265159	-45.321412	-1.325669
-0.001169	-1.142770	-7.897686	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.801181	36.340646	1.125255
0.003247	0.705420	57.210011	
0.14084	6.801181	36.340646	1.125255
0.003247	0.237938	71.824588	
0.28169	6.801181	36.340646	1.125255
0.003247	0.274178	87.342516	
0.42253	6.801181	36.340646	1.125255
0.003247	0.818965	113.711326	
0.56337	6.801181	36.340646	1.125255
0.003247	1.363633	144.086098	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.255216	-72.555371	-1.298851
-0.003242	-0.820654	-9.477332	
0.14084	-4.255216	-72.555371	-1.298851
-0.003242	-0.277775	-9.542020	
0.28169	-4.255216	-72.555371	-1.298851
-0.003242	-0.238185	-12.800133	
0.42253	-4.255216	-72.555371	-1.298851
-0.003242	-0.710165	-17.853832	
0.56337	-4.255216	-72.555371	-1.298851
-0.003242	-1.182026	-32.799751	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.572061	1.104048	0.369887
0.000452	0.232061	4.494745	
0.14084	5.572061	1.104048	0.369887
0.000452	0.078922	12.102501	
0.28169	5.572061	1.104048	0.369887
0.000452	0.097561	19.985806	
0.42253	5.572061	1.104048	0.369887
0.000452	0.292039	27.994508	
0.56337	5.572061	1.104048	0.369887
0.000452	0.486422	36.058442	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.121352	-19.421516	-0.463552
-0.000453	-0.291119	-14.519702	
0.14084	-0.121352	-19.421516	-0.463552
-0.000453	-0.096660	-9.280169	
0.28169	-0.121352	-19.421516	-0.463552
-0.000453	-0.078102	-4.729640	
0.42253	-0.121352	-19.421516	-0.463552
-0.000453	-0.233261	-2.098846	
0.56337	-0.121352	-19.421516	-0.463552
-0.000453	-0.388368	-2.166281	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.138108	34.845374	0.674853
0.003444	0.423247	57.266617	
0.14084	6.138108	34.845374	0.674853
0.003444	0.146318	57.433895	
0.28169	6.138108	34.845374	0.674853
0.003444	0.154552	58.612216	
0.42253	6.138108	34.845374	0.674853
0.003444	0.462139	74.568573	
0.56337	6.138108	34.845374	0.674853
0.003444	0.769572	95.770158	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.353609	-50.659653	-0.733101
-0.003445	-0.467844	-9.726044	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3425

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-3.353609	-50.659653	-0.733101
-0.003445	-0.162863	-4.569451	
0.28169	-3.353609	-50.659653	-0.733101
-0.003445	-0.142642	-2.999044	
0.42253	-3.353609	-50.659653	-0.733101
-0.003445	-0.425727	-3.799309	
0.56337	-3.353609	-50.659653	-0.733101
-0.003445	-0.708719	-18.044072	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.874733	33.748734	1.019748
0.003545	0.639535	54.359305	
0.14084	7.874733	33.748734	1.019748
0.003545	0.217383	60.123910	
0.28169	7.874733	33.748734	1.019748
0.003545	0.251655	67.003095	
0.42253	7.874733	33.748734	1.019748
0.003545	0.752106	87.299028	
0.56337	7.874733	33.748734	1.019748
0.003545	1.252391	112.491147	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.146753	-60.210174	-1.193004
-0.003536	-0.755697	-10.940813	
0.14084	-3.146753	-60.210174	-1.193004
-0.003536	-0.257619	-5.268603	
0.28169	-3.146753	-60.210174	-1.193004
-0.003536	-0.215613	-4.900466	
0.42253	-3.146753	-60.210174	-1.193004
-0.003536	-0.643321	-6.875729	
0.56337	-3.146753	-60.210174	-1.193004
-0.003536	-1.070940	-20.767998	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.717144	40.612862	1.064390
0.002932	0.667156	48.596126	
0.14084	6.717144	40.612862	1.064390
0.002932	0.224345	61.834445	
0.28169	6.717144	40.612862	1.064390
0.002932	0.260128	75.870568	
0.42253	6.717144	40.612862	1.064390
0.002932	0.777472	98.749266	
0.56337	6.717144	40.612862	1.064390
0.002932	1.294616	124.889267	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.174862	-62.448533	-1.233182
-0.002927	-0.778504	-12.380016	
0.14084	-5.174862	-62.448533	-1.233182
-0.002927	-0.262746	-15.316671	
0.28169	-5.174862	-62.448533	-1.233182
-0.002927	-0.225400	-22.316070	
0.42253	-5.174862	-62.448533	-1.233182
-0.002927	-0.671860	-31.011061	
0.56337	-5.174862	-62.448533	-1.233182
-0.002927	-1.118199	-47.799329	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.287452	38.388855	0.376424
0.000843	0.262685	1.695098	
0.14084	0.287452	38.388855	0.376424
0.000843	0.078430	2.990258	
0.28169	0.287452	38.388855	0.376424
0.000843	0.093245	4.453971	
0.42253	0.287452	38.388855	0.376424
0.000843	0.278519	5.962145	
0.56337	0.287452	38.388855	0.376424
0.000843	0.463781	7.482266	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3426

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.381109	-3.626559	-0.441796
-0.000845	-0.277275	-11.746280	
0.14084	-5.381109	-3.626559	-0.441796
-0.000845	-0.091988	-27.474847	
0.28169	-5.381109	-3.626559	-0.441796
-0.000845	-0.079400	-43.214733	
0.42253	-5.381109	-3.626559	-0.441796
-0.000845	-0.237260	-59.115319	
0.56337	-5.381109	-3.626559	-0.441796
-0.000845	-0.395109	-75.212691	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.785833	84.631473	0.624903
0.004423	0.392056	62.997927	
0.14084	0.785833	84.631473	0.624903
0.004423	0.141117	50.768745	
0.28169	0.785833	84.631473	0.624903
0.004423	0.141117	40.627997	
0.42253	0.785833	84.631473	0.624903
0.004423	0.421252	48.758993	
0.56337	0.785833	84.631473	0.624903
0.004423	0.701262	63.197942	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.937111	-34.462761	-0.667727
-0.004426	-0.428199	-15.422622	
0.14084	-10.937111	-34.462761	-0.667727
-0.004426	-0.151084	-27.997938	
0.28169	-10.937111	-34.462761	-0.667727
-0.004426	-0.132006	-44.598001	
0.42253	-10.937111	-34.462761	-0.667727
-0.004426	-0.394081	-64.506930	
0.56337	-10.937111	-34.462761	-0.667727
-0.004426	-0.656126	-99.977262	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.794050	64.863020	0.858733
0.003598	0.538727	48.765923	
0.14084	3.794050	64.863020	0.858733
0.003598	0.183690	49.177292	
0.28169	3.794050	64.863020	0.858733
0.003598	0.199805	50.288175	
0.42253	3.794050	64.863020	0.858733
0.003598	0.597406	63.704637	
0.56337	3.794050	64.863020	0.858733
0.003598	0.994777	81.475216	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.065692	-42.384925	-0.947591
-0.003598	-0.601119	-13.467748	
0.14084	-8.065692	-42.384925	-0.947591
-0.003598	-0.205735	-25.526563	
0.28169	-8.065692	-42.384925	-0.947591
-0.003598	-0.181376	-40.501590	
0.42253	-8.065692	-42.384925	-0.947591
-0.003598	-0.541571	-57.217019	
0.56337	-8.065692	-42.384925	-0.947591
-0.003598	-0.901670	-84.392315	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.803065	55.477466	1.038875
0.003342	0.651737	42.652894	
0.14084	6.803065	55.477466	1.038875
0.003342	0.220243	47.996169	
0.28169	6.803065	55.477466	1.038875
0.003342	0.255399	54.211514	
0.42253	6.803065	55.477466	1.038875
0.003342	0.763469	70.699060	
0.56337	6.803065	55.477466	1.038875
0.003342	1.271334	90.894846	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3427

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.793514	-48.301591	-1.211093
-0.003339	-0.765431	-18.009354	
0.14084	-6.793514	-48.301591	-1.211093
-0.003339	-0.259188	-25.871204	
0.28169	-6.793514	-48.301591	-1.211093
-0.003339	-0.219425	-36.827737	
0.42253	-6.793514	-48.301591	-1.211093
-0.003339	-0.655176	-50.413218	
0.56337	-6.793514	-48.301591	-1.211093
-0.003339	-1.090813	-73.419388	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.392877	7.062894	1.043165
0.000569	0.654437	6.520579	
0.14084	3.392877	7.062894	1.043165
0.000569	0.216975	20.969242	
0.28169	3.392877	7.062894	1.043165
0.000569	0.245839	35.565009	
0.42253	3.392877	7.062894	1.043165
0.000569	0.735643	50.270989	
0.56337	3.392877	7.062894	1.043165
0.000569	1.224734	64.980600	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.304601	-35.412411	-1.166281
-0.000549	-0.730889	-2.186176	
0.14084	-1.304601	-35.412411	-1.166281
-0.000549	-0.241324	-4.830213	
0.28169	-1.304601	-35.412411	-1.166281
-0.000549	-0.220533	-7.617177	
0.42253	-1.304601	-35.412411	-1.166281
-0.000549	-0.658007	-10.445550	
0.56337	-1.304601	-35.412411	-1.166281
-0.000549	-1.095392	-13.332823	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.825765	10.947778	1.772013
0.000993	1.111319	11.832256	
0.14084	12.825765	10.947778	1.772013
0.000993	0.368172	37.827236	
0.28169	12.825765	10.947778	1.772013
0.000993	0.408784	65.536016	
0.42253	12.825765	10.947778	1.772013
0.000993	1.224085	94.192684	
0.56337	12.825765	10.947778	1.772013
0.000993	2.038725	123.945901	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.802372	-72.477540	-1.942136
-0.000983	-1.217696	-14.807248	
0.14084	-0.802372	-72.477540	-1.942136
-0.000983	-0.402320	-13.147328	
0.28169	-0.802372	-72.477540	-1.942136
-0.000983	-0.374842	-14.145667	
0.42253	-0.802372	-72.477540	-1.942136
-0.000983	-1.118055	-15.941148	
0.56337	-0.802372	-72.477540	-1.942136
-0.000983	-1.861062	-19.741411	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.690964	9.696437	2.117415
0.001082	1.322668	27.626203	
0.14084	13.690964	9.696437	2.117415
0.001082	0.439418	63.243075	
0.28169	13.690964	9.696437	2.117415
0.001082	0.484371	100.141859	
0.42253	13.690964	9.696437	2.117415
0.001082	1.452000	137.399347	
0.56337	13.690964	9.696437	2.117415
0.001082	2.418371	175.212035	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3428

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.824386	-90.868937	-2.303568
-0.001073	-1.443534	-9.023005	
0.14084	-0.824386	-90.868937	-2.303568
-0.001073	-0.475944	-9.283473	
0.28169	-0.824386	-90.868937	-2.303568
-0.001073	-0.448398	-11.116927	
0.42253	-0.824386	-90.868937	-2.303568
-0.001073	-1.336123	-13.814549	
0.56337	-0.824386	-90.868937	-2.303568
-0.001073	-2.224046	-17.419326	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.991421	46.377968	2.097257
0.002479	1.316071	68.310160	
0.14084	11.991421	46.377968	2.097257
0.002479	0.440347	97.771303	
0.28169	11.991421	46.377968	2.097257
0.002479	0.478682	129.106580	
0.42253	11.991421	46.377968	2.097257

0.002479 1.433887 168.970121
0.56337 11.991421 46.377968 2.097257
0.002479 2.388760 213.061666

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.017362 -107.058928 -2.276297
-0.002473 -1.431515 -10.909795
0.14084 -6.017362 -107.058928 -2.276297
-0.002473 -0.476738 -14.972115
0.28169 -6.017362 -107.058928 -2.276297
-0.002473 -0.443753 -22.784634
0.42253 -6.017362 -107.058928 -2.276297
-0.002473 -1.322354 -32.299434
0.56337 -6.017362 -107.058928 -2.276297
-0.002473 -2.201894 -50.803671

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.030705 2.156126 0.762726
0.000394 0.477931 7.320207
0.14084 10.030705 2.156126 0.762726
0.000394 0.157935 21.441469
0.28169 10.030705 2.156126 0.762726
0.000394 0.169404 36.683709
0.42253 10.030705 2.156126 0.762726
0.000394 0.509223 52.739898
0.56337 10.030705 2.156126 0.762726
0.000394 0.848500 69.759874

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.152054 -41.227702 -0.808560
-0.000394 -0.506911 -13.669079
0.14084 -0.152054 -41.227702 -0.808560
-0.000394 -0.167094 -8.678881
0.28169 -0.152054 -41.227702 -0.808560
-0.000394 -0.161702 -5.437176
0.42253 -0.152054 -41.227702 -0.808560
-0.000394 -0.481469 -3.783426
0.56337 -0.152054 -41.227702 -0.808560
-0.000394 -0.801405 -4.257557

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.547714 37.299501 1.235403
0.002644 0.775871 72.042064
0.14084 10.547714 37.299501 1.235403
0.002644 0.264491 82.016158
0.28169 10.547714 37.299501 1.235403
0.002644 0.275138 93.162865
0.42253 10.547714 37.299501 1.235403
0.002644 0.825433 117.016910
0.56337 10.547714 37.299501 1.235403
0.002644 1.375891 146.999835
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3429

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.913799 -73.940467 -1.311881
-0.002644 -0.83014 -8.724161
0.14084 -3.913799 -73.940467 -1.311881
-0.002644 -0.280158 -4.310129
0.28169 -3.913799 -73.940467 -1.311881
-0.002644 -0.261594 -3.498928
0.42253 -3.913799 -73.940467 -1.311881
-0.002644 -0.778146 -4.906345
0.56337 -3.913799 -73.940467 -1.311881
-0.002644 -1.296372 -19.377748

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.558401 38.675939 1.925602
0.002824 1.206803 69.175285
0.14084 14.558401 38.675939 1.925602
0.002824 0.406987 89.507979
0.28169 14.558401 38.675939 1.925602
0.002824 0.435731 111.914016
0.42253 14.558401 38.675939 1.925602
0.002824 1.036069 140.488630
0.56337 14.558401 38.675939 1.925602
0.002824 2.176262 185.913104

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.724907 -97.213812 -2.074167
-0.002808 -1.307172 -11.325871
0.14084 -3.724907 -97.213812 -2.074167
-0.002808 -0.437344 -7.425948
0.28169 -3.724907 -97.213812 -2.074167
-0.002808 -0.407334 -8.401402
0.42253 -3.724907 -97.213812 -2.074167
-0.002808 -1.213742 -11.839648
0.56337 -3.724907 -97.213812 -2.074167
-0.002808 -2.021338 -27.038555

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.520833 59.507463 1.993063
0.002336 1.250402 58.333070
0.14084 12.520833 59.507463 1.993063
0.002336 0.418189 85.368703
0.28169 12.520833 59.507463 1.993063
0.002336 0.452832 114.319871
0.42253 12.520833 59.507463 1.993063
0.002336 1.357191 150.540262
0.56337 12.520833 59.507463 1.993063
0.002336 2.260927 190.305983

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.797069 -96.388292 -2.154589
-0.002333 -1.354690 -15.268558
0.14084 -7.797069 -96.388292 -2.154589
-0.002333 -0.450673 -9.264343
0.28169 -7.797069 -96.388292 -2.154589
-0.002333 -0.421710 -41.824406
0.42253 -7.797069 -96.388292 -2.154589
-0.002333 -1.256853 -58.721523
0.56337 -7.797069 -96.388292 -2.154589
-0.002333 -2.092720 -82.936614

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.582867 82.677379 0.661450
0.000899 0.414899 2.955461
0.14084 0.582867 82.677379 0.661450
0.000899 0.137470 6.023347
0.28169 0.582867 82.677379 0.661450
0.000899 0.150946 9.182969
0.42253 0.582867 82.677379 0.661450
0.000899 0.452012 12.366857
0.56337 0.582867 82.677379 0.661450
0.000899 0.752918 15.577511
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3430

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.785614 -7.689973 -0.717563
-0.000880 -0.450070 -26.157815
0.14084 -9.785614 -7.689973 -0.717563
-0.000880 -0.148980 -60.579057
0.28169 -9.785614 -7.689973 -0.717563
-0.000880 -0.139509 -95.000178
0.42253 -9.785614 -7.689973 -0.717563
-0.000880 -0.416864 -129.539889
0.56337 -9.785614 -7.689973 -0.717563
-0.000880 -0.694391 -164.195050

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.402732 137.005442 1.043031
0.003977 0.656689 82.258123
0.14084 1.402732 137.005442 1.043031
0.003977 0.227645 70.148347
0.28169 1.402732 137.005442 1.043031
0.003977 0.237641 59.498535
0.42253 1.402732 137.005442 1.043031
0.003977 0.710314 66.563203
0.56337 1.402732 137.005442 1.043031
0.003977 1.184327 81.877561

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.654403 -39.443845 -1.130308
-0.003999 -0.719648 -27.636781
0.14084 -16.654403 -39.443845 -1.130308
-0.003999 -0.247795 -58.705874
0.28169 -16.654403 -39.443845 -1.130308
-0.003999 -0.219649 -93.659862
0.42253 -16.654403 -39.443845 -1.130308
-0.003999 -0.655360 -132.041120
0.56337 -16.654403 -39.443845 -1.130308
-0.003999 -1.092951 -188.303404

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.795364 111.774326 1.535336
0.003326 0.964444 70.097725
0.14084 6.795364 111.774326 1.535336
0.003326 0.326760 76.642587
0.28169 6.795364 111.774326 1.535336
0.003326 0.346321 83.866038
0.42253 6.795364 111.774326 1.535336
0.003326 1.038074 103.881307
0.56337 6.795364 111.774326 1.535336
0.003326 1.730127 129.745564

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.423305 -63.602820 -1.649653
-0.003346 -1.041877 -24.929412
0.14084 -13.423305 -63.602820 -1.649653
-0.003346 -0.350582 -53.091604
0.28169 -13.423305 -63.602820 -1.649653
-0.003346 -0.324100 -84.140160
0.42253 -13.423305 -63.602820 -1.649653
-0.003346 -0.967020 -117.766787
0.56337 -13.423305 -63.602820 -1.649653
-0.003346 -1.610873 -163.739004

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 12.547436 96.471246 1.935499
0.003109 1.214936 61.754634
0.14084 12.547436 96.471246 1.935499
0.003109 0.408451 76.940738
0.28169 12.547436 96.471246 1.935499
0.003109 0.437305 93.830367
0.42253 12.547436 96.471246 1.935499
0.003109 1.310871 121.775617
0.56337 12.547436 96.471246 1.935499
0.003109 2.184393 154.987976
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3431

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.306015 -81.363136 -2.082252
-0.003123 -1.311831 -27.837753
0.14084 -11.306015 -81.363136 -2.082252
-0.003123 -0.438824 -49.632808
0.28169 -11.306015 -81.363136 -2.082252
-0.003123 -0.408977 -75.225269
0.42253 -11.306015 -81.363136 -2.082252
-0.003123 -1.219894 -103.634231
0.56337 -11.306015 -81.363136 -2.082252
-0.003123 -2.031540 -143.114616

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.874733 84.631473 1.125255
0.004423 0.705420 62.997927
0.14084 7.874733 84.631473 1.125255
0.004423 0.237938 71.824588
0.28169 7.874733 84.631473 1.125255
0.004423 0.279628 87.342516
0.42253 7.874733 84.631473 1.125255
0.004423 0.835670 113.713226
0.56337 7.874733 84.631473 1.125255
0.004423 1.391587 144.086098

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.937111 -72.555371 -1.325669
-0.004426 -0.832019 -18.009354
0.14084 -10.937111 -72.555371 -1.325669
-0.004426 -0.277775 -27.997938
0.28169 -10.937111 -72.555371 -1.325669
-0.004426 -0.238185 -44.598001
0.42253 -10.937111 -72.555371 -1.325669
-0.004426 -0.710165 -64.506930
0.56337 -10.937111 -72.555371 -1.325669
-0.004426 -1.182026 -99.977262

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.558401 137.005442 2.117415
0.003977 1.327668 82.258123
0.14084 14.558401 137.005442 2.117415
0.003977 0.440347 97.771903
0.28169 14.558401 137.005442 2.117415
0.003977 0.484371 129.106580
0.42253 14.558401 137.005442 2.117415
0.003977 1.452000 168.970121
0.56337 14.558401 137.005442 2.117415
0.003977 2.418371 213.061666

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.654403 -107.058928 -2.303568
-0.003999 -1.443534 -27.837753
0.14084 -16.654403 -107.058928 -2.303568
-0.003999 -0.476738 -60.579057
0.28169 -16.654403 -107.058928 -2.303568
-0.003999 -0.448398 -95.000178
0.42253 -16.654403 -107.058928 -2.303568
-0.003999 -1.336123 -132.041120
0.56337 -16.654403 -107.058928 -2.303568
-0.003999 -2.224046 -188.303404

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.558401 137.005442 2.117415
0.004423 1.327668 82.258123
0.14084 14.558401 137.005442 2.117415
0.004423 0.440347 97.771903
0.28169 14.558401 137.005442 2.117415
0.004423 0.484371 129.106580
0.42253 14.558401 137.005442 2.117415
0.004423 1.452000 168.970121
0.56337 14.558401 137.005442 2.117415
0.004423 2.418371 213.061666
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3432

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.654403 -107.058928 -2.303568
-0.004426 -1.443534 -27.837753
0.14084 -16.654403 -107.058928 -2.303568
-0.004426 -0.476738 -60.579057
0.28169 -16.654403 -107.058928 -2.303568
-0.004426 -0.448398 -95.000178
0.42253 -16.654403 -107.058928 -2.303568
-0.004426 -1.336123 -132.041120
0.56337 -16.654403 -107.058928 -2.303568
-0.004426 -2.224046 -188.303404

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 14.558401 137.005442 2.117415
0.004423 1.327668 82.258123
0.14084 14.558401 137.005442 2.117415
0.004423 0.440347 97.771903
0.28169 14.558401 137.005442 2.117415
0.004423 0.484371 129.106580
0.42253 14.558401 137.005442 2.117415
0.004423 1.452000 168.970121
0.56337 14.558401 137.005442 2.117415
0.004423 2.418371 213.061666

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -16.654403 -107.058928 -2.303568
-0.004426 -1.443534 -27.837753
0.14084 -16.654403 -107.058928 -2.303568
-0.004426 -0.476738 -60.579057
0.28169 -16.654403 -107.058928 -2.303568
-0.004426 -0.448398 -95.000178
0.42253 -16.654403 -107.058928 -2.303568
-0.004426 -1.336123 -132.041120
0.56337 -16.654403 -107.058928 -2.303568
-0.004426 -2.224046 -188.303404

ELEM 324 ========== LENGTH = 2.977081

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 2.624410 3.176233 0.526176
0.000956 0.567449 4.176653
0.57750 2.624410 3.176233 0.526176
0.000956 0.346839 3.131205
0.71833 2.624410 3.176233 0.526176
0.000956 0.126229 3.114803
0.85917 2.624410 3.176233 0.526176
0.000956 0.120240 3.917116
1.00000 2.624410 3.176233 0.526176
0.000956 0.404228 7.822961

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -0.846365 -19.662786 -0.677144
-0.000515 -0.731403 -25.704174
0.57750 -0.846365 -19.662786 -0.677144
-0.000515 -0.447503 -17.465639
0.71833 -0.846365 -19.662786 -0.677144
-0.000515 -0.163604 -11.677197
0.85917 -0.846365 -19.662786 -0.677144
-0.000515 -0.094371 -9.957323
1.00000 -0.846365 -19.662786 -0.677144
-0.000515 -0.314992 -8.895820

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 6.270013 4.915819 0.866126
0.001795 0.934341 6.390984
0.57750 6.270013 4.915819 0.866126
0.001795 0.571205 4.428738
0.71833 6.270013 4.915819 0.866126
0.001795 0.208049 2.633454
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3433

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85917 6.270013 4.915819 0.866126
0.001795 0.205502 3.682974
1.00000 6.270013 4.915819 0.866126
0.001795 0.688677 13.142289

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -0.556500 -41.864631 -1.152142
-0.000853 -1.243722 -68.568285
0.57750 -0.556500 -41.864631 -1.152142
-0.000853 -0.760658 -51.683831
0.71833 -0.556500 -41.864631 -1.152142
-0.000853 -0.277973 -38.056700
0.85917 -0.556500 -41.864631 -1.152142
-0.000853 -0.155390 -31.861202
1.00000 -0.556500 -41.864631 -1.152142
-0.000853 -0.518228 -26.308122

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 6.913460 20.256059 0.968515
0.001567 1.040572 44.741091
0.57750 6.913460 20.256059 0.968515
0.001567 0.640002 36.289952
0.71833 6.913460 20.256059 0.968515
0.001567 0.233876 28.143657
0.85917 6.913460 20.256059 0.968515
0.001567 0.242431 22.315971
1.00000 6.913460 20.256059 0.968515
0.001567 0.815383 26.353444

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.702265 -54.158981 -1.365848
-0.000624 -1.475264 -84.199207
0.57750 -1.702265 -54.158981 -1.365848
-0.000624 -0.902607 -61.951731
0.71833 -1.702265 -54.158981 -1.365848
-0.000624 -0.329861 -42.223732
0.85917 -1.702265 -54.158981 -1.365848
-0.000624 -0.172084 -28.654973
1.00000 -1.702265 -54.158981 -1.365848
-0.000624 -0.578207 -17.685921

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.989276 28.976838 0.978006
0.003661 1.055540 57.737462
0.57750 8.989276 28.976838 0.978006
0.003661 0.645492 46.403742
0.71833 8.989276 28.976838 0.978006
0.003661 0.235381 38.871189
0.85917 8.989276 28.976838 0.978006
0.003661 0.250155 49.341938
1.00000 8.989276 28.976838 0.978006
0.003661 0.809442 77.279263

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -3.383028 -109.653197 -1.334109
-0.003751 -1.431092 -122.914879
0.57750 -3.383028 -109.653197 -1.334109
-0.003751 -0.875598 -77.502148
0.71833 -3.383028 -109.653197 -1.334109
-0.003751 -0.320035 -42.128846
0.85917 -3.383028 -109.653197 -1.334109
-0.003751 -0.180982 -24.086042
1.00000 -3.383028 -109.653197 -1.334109
-0.003751 -0.584656 -17.177265

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 3.893439 2.582860 0.329113
0.000706 0.355364 4.051802
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3434

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57750 3.893439 2.582860 0.329113
0.000706 0.217391 3.380812
0.71833 3.893439 2.582860 0.329113
0.000706 0.079988 2.720439
0.85917 3.893439 2.582860 0.329113
0.000706 0.088295 2.601282
1.00000 3.893439 2.582860 0.329113
0.000706 0.296254 6.094221

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -0.136925 -24.640296 -0.495943
-0.000104 -0.535489 -47.403026
0.57750 -0.136925 -24.640296 -0.495943
-0.000104 -0.327555 -37.655087
0.71833 -0.136925 -24.640296 -0.495943
-0.000104 -0.119580 -28.406965
0.85917 -0.136925 -24.640296 -0.495943
-0.000104 -0.058537 -22.085354
1.00000 -0.136925 -24.640296 -0.495943
-0.000104 -0.196604 -17.052833

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 7.299024 22.275340 0.532365
0.003567 0.575796 52.336803
0.57750 7.299024 22.275340 0.532365
0.003567 0.352593 43.876147
0.71833 7.299024 22.275340 0.532365
0.003567 0.129324 40.267292
0.85917 7.299024 22.275340 0.532365
0.003567 0.161235 56.882704
1.00000 7.299024 22.275340 0.532365
0.003567 0.499820 78.421643

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -2.040622 -92.262147 -0.808084
-0.003874 -0.865679 -98.145712
0.57750 -2.040622 -92.262147 -0.808084
-0.003874 -0.526156 -60.195121
0.71833 -2.040622 -92.262147 -0.808084
-0.003874 -0.192553 -33.190416
0.85917 -2.040622 -92.262147 -0.808084
-0.003874 -0.102637 -19.681984
1.00000 -2.040622 -92.262147 -0.808084
-0.003874 -0.317026 -8.828651

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 9.073260 22.150883 0.882025
0.003965 0.952805 49.482709
0.57750 9.073260 22.150883 0.882025
0.003965 0.583000 41.034280
0.71833 9.073260 22.150883 0.882025
0.003965 0.213130 37.019022
0.85917 9.073260 22.150883 0.882025
0.003965 0.239693 51.403990
1.00000 9.073260 22.150883 0.882025
0.003965 0.767248 75.606107

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -1.964924 -100.028931 -1.258717
-0.003865 -1.347587 -111.049000
0.57750 -1.964924 -100.028931 -1.258717
-0.003865 -0.824620 -69.760667
0.71833 -1.964924 -100.028931 -1.258717
-0.003865 -0.301576 -40.531087
0.85917 -1.964924 -100.028931 -1.258717
-0.003865 -0.164511 -27.330428
1.00000 -1.964924 -100.028931 -1.258717
-0.003865 -0.526432 -16.494977
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3435

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43667 8.498179 38.540355 0.903470
0.003147 0.975632 71.035397
0.57750 8.498179 38.540355 0.903470
0.003147 0.596835 55.531423
0.71833 8.498179 38.540355 0.903470
0.003147 0.217984 43.243408
0.85917 8.498179 38.540355 0.903470
0.003147 0.235561 44.740335
1.00000 8.498179 38.540355 0.903470
0.003147 0.765566 65.275687

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43667 -4.470701 -99.986224 -1.264238
-0.003393 -1.357199 -118.751162
0.57750 -4.470701 -99.986224 -1.264238
-0.003393 -0.830275 -77.344027

```
 0.71833    -4.470701   -99.986224    -1.264238
-0.003393    -0.303230   -44.442912
 0.85917    -4.470701   -99.986224    -1.264238
-0.003393    -0.166158   -23.410980
 1.00000    -4.470701   -99.986224    -1.264238
-0.003393    -0.539563   -18.946372

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    1.148790   42.672641    0.333647
 0.000464   0.359720   60.973483
 0.57750    1.148790   42.672641    0.333647
 0.000464   0.219832   43.167887
 0.71833    1.148790   42.672641    0.333647
 0.000464   0.079941   25.403471
 0.85917    1.148790   42.672641    0.333647
 0.000464   0.073042   8.032887
 1.00000    1.148790   42.672641    0.333647
 0.000464   0.243556   2.282406

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -5.171310   -6.947863   -0.406875
-0.001190   -0.438801   -20.077911
 0.57750   -5.171310   -6.947863   -0.406875
-0.001190   -0.268207   -17.304450
 0.71833   -5.171310   -6.947863   -0.406875
-0.001190   -0.097618   -14.732751
 0.85917   -5.171310   -6.947863   -0.406875
-0.001190   -0.059932   -12.314480
 1.00000   -5.171310   -6.947863   -0.406875
-0.001190   -0.199833   -12.295091

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    5.309325   58.991772    0.530485
 0.004146   0.572092   100.556237
 0.57750    5.309325   58.991772    0.530485
 0.004146   0.349678   76.933742
 0.71833    5.309325   58.991772    0.530485
 0.004146   0.127242   58.691904
 0.85917    5.309325   58.991772    0.530485
 0.004146   0.139494   65.284197
 1.00000    5.309325   58.991772    0.530485
 0.004146   0.415414   82.550196

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -7.225547   -90.049021   -0.659224
-0.005983   -0.695361   -80.821009
 0.57750   -7.225547   -90.049021   -0.659224
-0.005983   -0.425409   -43.506335
 0.71833   -7.225547   -90.049021   -0.659224
-0.005983   -0.155413   -19.407946
 0.85917   -7.225547   -90.049021   -0.659224
-0.005983   -0.105914   -10.893731
 1.00000   -7.225547   -90.049021   -0.659224
-0.005983   -0.317576   -13.151082
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3436

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    6.668629   59.134867    0.689465
 0.003256   0.744908   101.935300
 0.57750    6.668629   59.134867    0.689465
 0.003256   0.455838   78.102795
 0.71833    6.668629   59.134867    0.689465
 0.003256   0.166709   58.458539
 0.85917    6.668629   59.134867    0.689465
 0.003256   0.188013   56.491636
 1.00000    6.668629   59.134867    0.689465
 0.003256   0.595446   67.093539

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -6.823123   -88.878510   -0.972064
-0.004392   -1.038354   -100.322855
 0.57750   -6.823123   -88.878510   -0.972064
-0.004392   -0.635215   -63.473753
 0.71833   -6.823123   -88.878510   -0.972064
-0.004392   -0.231961   -35.691554
 0.85917   -6.823123   -88.878510   -0.972064
-0.004392   -0.129658   -18.679120
 1.00000   -6.823123   -88.878510   -0.972064
-0.004392   -0.411393   -12.720171

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    8.171321   51.096039    0.893336
 0.003330   0.964662   87.770702
 0.57750    8.171321   51.096039    0.893336
 0.003330   0.823108   67.037533
 0.71833    8.171321   51.096039    0.893336
 0.003330   0.215477   49.811244
 0.85917    8.171321   51.096039    0.893336
 0.003330   0.232867   47.345717
 1.00000    8.171321   51.096039    0.893336
 0.003330   0.752005   58.949877

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -5.809194   -89.455395   -1.238418
-0.003898   -1.327679   -110.437893
 0.57750   -5.809194   -89.455395   -1.238418
-0.003898   -0.812298   -73.572979
 0.71833   -5.809194   -89.455395   -1.238418
-0.003898   -0.296611   -46.076826
 0.85917   -5.809194   -89.455395   -1.238418
-0.003898   -0.165039   -29.476247
 1.00000   -5.809194   -89.455395   -1.238418
-0.003898   -0.533541   -22.176150

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    4.388478    6.507261    0.982336
 0.001006   1.060405    9.431530
 0.57750    4.388478    6.507261    0.982336
 0.001006   0.648617    7.213888
 0.71833    4.388478    6.507261    0.982336
 0.001006   0.236708    5.155960
 0.85917    4.388478    6.507261    0.982336
 0.001006   0.197765    3.738953
 1.00000    4.388478    6.507261    0.982336
 0.001006   0.667826   11.052089

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -0.921294   -30.920659   -1.119236
-0.000500   -1.208551   -45.855871
 0.57750   -0.921294   -30.920659   -1.119236
-0.000500   -0.738922   -33.019531
 0.71833   -0.921294   -30.920659   -1.119236
-0.000500   -0.269115   -21.118880
 0.85917   -0.921294   -30.920659   -1.119236
-0.000500   -0.175155   -11.388782
 1.00000   -0.921294   -30.920659   -1.119236
-0.000500   -0.587173   -9.489004
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3437

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   10.456578    9.215637    1.611217
 0.001789   1.740756   12.403837
 0.57750   10.456578    9.215637    1.611217
 0.001789   1.565263    8.724498
 0.71833   10.456578    9.215637    1.611217
 0.001789   0.389747    5.500174
 0.85917   10.456578    9.215637    1.611217
 0.001789   0.344192    3.693966
 1.00000   10.456578    9.215637    1.611217
 0.001789   1.157940   16.688124

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -0.863803   -67.239293   -1.937716
-0.000767    2.090544   -116.280952
 0.57750   -0.863803   -67.239293   -1.937716
-0.000767   -1.277616   -88.411137
 0.71833   -0.863803   -67.239293   -1.937716
-0.000767   -0.464428   -61.705305
 0.85917   -0.863803   -67.239293   -1.937716
-0.000767   -0.286066   -37.919033
 1.00000   -0.863803   -67.239293   -1.937716
-0.000767   -0.961666   -26.426360

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   11.176364   21.620315    1.874034
 0.001580   2.025569   43.962747
 0.57750   11.176364   21.620315    1.874034
 0.001580   1.239839   35.446235
 0.71833   11.176364   21.620315    1.874034
 0.001580   0.453591   28.659606
 0.85917   11.176364   21.620315    1.874034
 0.001580   0.411459   24.081118
 1.00000   11.176364   21.620315    1.874034
 0.001580   1.388939   36.464474

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -1.885252   -83.140326   -2.326205
-0.000605   -2.510446   -127.694768
 0.57750   -1.885252   -83.140326   -2.326205
-0.000605   -1.534350   -93.470712
 0.71833   -1.885252   -83.140326   -2.326205
-0.000605   -0.557160   -61.499699
 0.85917   -1.885252   -83.140326   -2.326205
-0.000605   -0.331067   -33.090624
 1.00000   -1.885252   -83.140326   -2.326205
-0.000605   -1.117396   -18.878746

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.178337   35.169768    1.824125
 0.003033   1.969201   67.351024
 0.57750   12.178337   35.169768    1.824125
 0.003033   1.204403   53.696052
 0.71833   12.178337   35.169768    1.824125
 0.003033   0.440144   45.043428
 0.85917   12.178337   35.169768    1.824125
 0.003033   0.413185   51.538606
 1.00000   12.178337   35.169768    1.824125
 0.003033   1.368034   80.868243

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -4.541976  -125.722913   -2.274162
-0.003250   -2.446920   -154.441879
 0.57750   -4.541976  -125.722913   -2.274162
-0.003250   -1.494999   -102.759546
 0.71833   -4.541976  -125.722913   -2.274162
-0.003250   -0.543534   -58.380753
 0.85917   -4.541976  -125.722913   -2.274162
-0.003250   -0.330194   -27.817121
 1.00000   -4.541976  -125.722913   -2.274162
-0.003250   -1.093130   -18.211990
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3438

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    6.191433    3.589955    0.642971
 0.000647   0.695872    4.894894
 0.57750    6.191433    3.589955    0.642971
 0.000647   0.426314    3.449712
 0.71833    6.191433    3.589955    0.642971
 0.000647   0.156798    2.081419
 0.85917    6.191433    3.589955    0.642971
 0.000647   0.153480    2.215731
 1.00000    6.191433    3.589955    0.642971
 0.000647   0.516310    7.717485

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -0.158060   -38.872402   -0.863179
-7.97E-05   -0.930620   -70.944363
 0.57750   -0.158060   -38.872402   -0.863179
-7.97E-05   -0.568539   -54.904099
 0.71833   -0.158060   -38.872402   -0.863179
-7.97E-05   -0.206165   -39.135911
 0.85917   -0.158060   -38.872402   -0.863179
-7.97E-05   -0.112827   -25.443766
 1.00000   -0.158060   -38.872402   -0.863179
-7.97E-05   -0.382488   -15.874109

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    9.442869   19.873800    1.024115
 0.002874   1.105975   45.870821
 0.57750    9.442869   19.873800    1.024115
 0.002874   0.676753   38.918915
 0.71833    9.442869   19.873800    1.024115
 0.002874   0.248648   38.138090
 0.85917    9.442869   19.873800    1.024115
 0.002874   0.263480   56.283098
 1.00000    9.442869   19.873800    1.024115
 0.002874   0.846568   82.089719

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -2.128033  -104.698085   -1.388487
-0.003521   -1.485438   -116.167542
 0.57750   -2.128033  -104.698085   -1.388487
-0.003521   -0.906668   -73.431434
 0.71833   -2.128033  -104.698085   -1.388487
-0.003521   -0.328326   -40.059135
 0.85917   -2.128033  -104.698085   -1.388487
-0.003521   -0.189826   -21.203771
 1.00000   -2.128033  -104.698085   -1.388487
-0.003521   -0.616148   -8.528385

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.974049   22.058893    1.664170
 0.003376   0.797426   46.720795
 0.57750   12.974049   22.058893    1.664170
 0.003376   1.099952   38.690694
 0.71833   12.974049   22.058893    1.664170
 0.003376   0.403088   36.198204
 0.85917   12.974049   22.058893    1.664170
 0.003376   0.394039   51.047254
 1.00000   12.974049   22.058893    1.664170
 0.003376   1.289848   80.173170

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -2.159320  -122.575417   -2.133388
-0.003529   -2.290550   -149.304429
 0.57750   -2.159320  -122.575417   -2.133388
-0.003529   -1.398896   -98.952108
 0.71833   -2.159320  -122.575417   -2.133388
-0.003529   -0.507589   -57.906406
 0.85917   -2.159320  -122.575417   -2.133388
-0.003529   -0.302609   -31.554768
 1.00000   -2.159320  -122.575417   -2.133388
-0.003529   -0.997756   -16.350045
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3439

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   11.715669   49.879420    1.689250
 0.002635   1.823737   85.766682
 0.57750   11.715669   49.879420    1.689250
 0.002635   1.515721   65.944133
 0.71833   11.715669   49.879420    1.689250
 0.002635   0.407765   49.928442
 0.85917   11.715669   49.879420    1.689250
 0.002635   0.390435   45.853191
 1.00000   11.715669   49.879420    1.689250
 0.002635   1.296694   67.479294

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -6.302470  -116.359670   -2.158509
-0.003032   -2.323776   -148.196292
 0.57750   -6.302470  -116.359670   -2.158509
-0.003032   -1.420113   -100.227209
 0.71833   -6.302470  -116.359670   -2.158509
-0.003032   -0.516644   -58.490103
 0.85917   -6.302470  -116.359670   -2.158509
-0.003032   -0.304899   -27.132025
 1.00000   -6.302470  -116.359670   -2.158509
-0.003032   -1.011758   -20.536650

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    1.458147   69.439524    0.523454
 0.000441   0.563212   93.548344
 0.57750    1.458147   69.439524    0.523454
 0.000441   0.343827   64.617592
 0.71833    1.458147   69.439524    0.523454
 0.000441   0.124191   35.867463
 0.85917    1.458147   69.439524    0.523454
 0.000441   0.112885   18.298302
 1.00000    1.458147   69.439524    0.523454
 0.000441   0.386812   3.315698

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -8.497092   -11.161205   -0.652512
-0.001267   -0.706403   -22.890838
 0.57750   -8.497092   -11.161205   -0.652512
-0.001267   -0.432889   -18.375638
 0.71833   -8.497092   -11.161205   -0.652512
-0.001267   -0.159107   -14.010719
 0.85917   -8.497092   -11.161205   -0.652512
-0.001267   -0.095129   -10.656668
 1.00000   -8.497092   -11.161205   -0.652512
-0.001267   -0.314441   -26.912322

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    5.878405   85.115180    0.838203
 0.003803   0.900017   132.979247
 0.57750    5.878405   85.115180    0.838203
 0.003803   0.548610   98.727966
 0.71833    5.878405   85.115180    0.838203
 0.003803   0.199325   71.617262
 0.85917    5.878405   85.115180    0.838203
 0.003803   0.212540   69.757082
 1.00000    5.878405   85.115180    0.838203
 0.003803   0.661991   92.150424

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -10.939013  -96.856418   -1.073359
-0.006299   -1.143235   -85.405275
 0.57750   -10.939013  -96.856418   -1.073359
-0.006299   -0.691493   -66.009286
 0.71833   -10.939013  -96.856418   -1.073359
-0.006299   -0.255436   -18.240451
 0.85917   -10.939013  -96.856418   -1.073359
-0.006299   -0.166165   -9.546568
 1.00000   -10.939013  -96.856418   -1.073359
-0.006299   -0.512114   -24.852816
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3440

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    8.436709   80.461660    1.237793
 0.003088   1.334167   125.529158
 0.57750    8.436709   80.461660    1.237793
 0.003088   0.815223   93.017260
 0.71833    8.436709   80.461660    1.237793
 0.003088   0.297677   66.508860
 0.85917    8.436709   80.461660    1.237793
 0.003088   0.304993   60.451670
 1.00000    8.436709   80.461660    1.237793
 0.003088   0.992167   79.579185

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -10.063486  -104.685227   -1.637186
-0.004787   -1.756162   -111.659331
 0.57750   -10.063486  -104.685227   -1.637186
-0.004787   -1.073294   -68.801655
 0.71833   -10.063486  -104.685227   -1.637186
-0.004787   -0.390794   -35.159590
 0.85917   -10.063486  -104.685227   -1.637186
-0.004787   -0.230537   -17.019832
 1.00000   -10.063486  -104.685227   -1.637186
-0.004787   -0.746403   -23.205714

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   11.725776   70.203888    1.613995
 0.003217   1.741525   109.007381
 0.57750   11.725776   70.203888    1.613995
 0.003217   1.064909   80.609335
 0.71833   11.725776   70.203888    1.613995
 0.003217   0.389323   57.222930
 0.85917   11.725776   70.203888    1.613995
 0.003217   0.383155   50.728558
 1.00000   11.725776   70.203888    1.613995
 0.003217   1.259978   70.296437

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -8.567402  -114.429545   -2.088792
-0.004208   -2.244794   -142.929147
 0.57750   -8.567402  -114.429545   -2.088792
-0.004208   -1.371824   -95.876083
 0.71833   -8.567402  -114.429545   -2.088792
-0.004208   -0.499085   -57.287687
 0.85917   -8.567402  -114.429545   -2.088792
-0.004208   -0.295013   -31.975090
 1.00000   -8.567402  -114.429545   -2.088792
-0.004208   -0.969179   -30.627148

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667    9.073260   59.134867    0.978006
 0.004146   1.055540   101.935300
 0.57750    9.073260   59.134867    0.978006
 0.004146   0.645492   78.102795
 0.71833    9.073260   59.134867    0.978006
 0.004146   0.235381   58.691904
 0.85917    9.073260   59.134867    0.978006
 0.004146   0.250155   85.284197
 1.00000    9.073260   59.134867    0.978006
 0.004146   0.815383   82.550196

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   -7.225547  -109.653197   -1.365848
-0.005983   -1.475264   -122.914879
 0.57750   -7.225547  -109.653197   -1.365848
-0.005983   -0.902607   -77.502148
 0.71833   -7.225547  -109.653197   -1.365848
-0.005983   -0.329861   -46.076826
 0.85917   -7.225547  -109.653197   -1.365848
-0.005983   -0.184982   -31.161202
 1.00000   -7.225547  -109.653197   -1.365848
-0.005983   -0.584656   -26.308122
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3441

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.974049   85.115180    1.874034
 0.003803   2.025569   132.979247
 0.57750   12.974049   85.115180    1.874034
 0.003803   1.239839   98.727966
 0.71833   12.974049   85.115180    1.874034
 0.003803   0.453591   71.617262
 0.85917   12.974049   85.115180    1.874034
 0.003803   0.413185   69.757082
 1.00000   12.974049   85.115180    1.874034
 0.003803   1.388939   92.150424

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -10.939013  -125.722913   -2.326205
-0.006299   -2.510446   -154.441879
 0.57750  -10.939013  -125.722913   -2.326205
-0.006299   -1.534350   -102.759546
 0.71833  -10.939013  -125.722913   -2.326205
-0.006299   -0.557160   -61.705305
 0.85917  -10.939013  -125.722913   -2.326205
-0.006299   -0.331067   -37.919033
 1.00000  -10.939013  -125.722913   -2.326205
-0.006299   -1.117396   -30.627148

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.974049   85.115180    1.874034
 0.004146   2.025569   132.979247
 0.57750   12.974049   85.115180    1.874034
 0.004146   1.239839   98.727966
 0.71833   12.974049   85.115180    1.874034
 0.004146   0.453591   71.617262
 0.85917   12.974049   85.115180    1.874034
 0.004146   0.413185   69.757082
 1.00000   12.974049   85.115180    1.874034
 0.004146   1.388939   92.150424

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -10.939013  -125.722913   -2.326205
-0.006299   -2.510446   -154.441879
 0.57750  -10.939013  -125.722913   -2.326205
-0.006299   -1.534350   -102.759546
 0.71833  -10.939013  -125.722913   -2.326205
-0.006299   -0.557160   -61.705305
 0.85917  -10.939013  -125.722913   -2.326205
-0.006299   -0.331067   -37.919033
 1.00000  -10.939013  -125.722913   -2.326205
-0.006299   -1.117396   -30.627148

COMB    DESIGN ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.43667   12.974049   85.115180    1.874034
 0.004146   2.025569   132.979247
 0.57750   12.974049   85.115180    1.874034
 0.004146   1.239839   98.727966
 0.71833   12.974049   85.115180    1.874034
 0.004146   0.453591   71.617262
 0.85917   12.974049   85.115180    1.874034
 0.004146   0.413185   69.757082
 1.00000   12.974049   85.115180    1.874034
 0.004146   1.388939   92.150424

COMB    DESIGN ------------------ MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.43667  -10.939013  -125.722913   -2.326205
-0.006299   -2.510446   -154.441879
 0.57750  -10.939013  -125.722913   -2.326205
-0.006299   -1.534350   -102.759546
 0.71833  -10.939013  -125.722913   -2.326205
-0.006299   -0.557160   -61.705305
 0.85917  -10.939013  -125.722913   -2.326205
-0.006299   -0.331067   -37.919033
 1.00000  -10.939013  -125.722913   -2.326205
-0.006299   -1.117396   -30.627148
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3442

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      325 ================== LENGTH
=    2.978057

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.547710    3.218020    0.520269
 0.000710   0.309663    7.829099
 0.14087    2.547710    3.218020    0.520269
 0.000710   0.091390    15.926121
 0.28174    2.547710    3.218020    0.520269
 0.000710   0.165673    24.096958
 0.42261    2.547710    3.218020    0.520269
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0.000710    0.452891   32.303354
0.56347     2.547710    3.218020    0.520269
0.000710    0.740110   40.524429

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.822684  -19.619611   -0.684668
-0.000386   -0.408804   -8.896127
0.14087   -0.822684  -19.619611   -0.684668
-0.000386   -0.121577   -8.104497
0.28174   -0.822684  -19.619611   -0.684668
-0.000386   -0.126858   -7.616397
0.42261   -0.822684  -19.619611   -0.684668
-0.000386   -0.345119   -7.344462
0.56347   -0.822684  -19.619611   -0.684668
-0.000386   -0.563379   -7.276676

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.041186    6.367367    0.858071
0.001410    0.510935   13.161566
0.14087    6.041186    6.367367    0.858071
0.001410    0.151167   27.472365
0.28174    6.041186    6.367367    0.858071
0.001410    0.279255   42.870332
0.42261    6.041186    6.367367    0.858071
0.001410    0.760813   59.091920
0.56347    6.041186    6.367367    0.858071
0.001410    1.242395   75.670686

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.654598  -39.976591   -1.148602
-0.000705   -0.685010  -26.306708
0.14087   -0.654598  -39.976591   -1.148602
-0.000705   -0.203173  -21.431003
0.28174   -0.654598  -39.976591   -1.148602
-0.000705   -0.209008  -17.424489
0.42261   -0.654598  -39.976591   -1.148602
-0.000705   -0.568894  -14.444523
0.56347   -0.654598  -39.976591   -1.148602
-0.000705   -0.928963  -13.245172

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.752209   20.011978    0.979106
 0.001647    0.584178   26.368795
0.14087    6.752209   20.011978    0.979106
 0.001647    0.173307   40.360336
0.28174    6.752209   20.011978    0.979106
 0.001647    0.329944   56.565396
0.42261    6.752209   20.011978    0.979106
 0.001647    0.896547   78.983113
0.56347    6.752209   20.011978    0.979106
 0.001647    1.463203  101.497076

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -1.642892  -54.018100   -1.350763
-0.000487   -0.803448  -17.683611
0.14087   -1.642892  -54.018100   -1.350763
-0.000487   -0.236711  -15.277388
0.28174   -1.642892  -54.018100   -1.350763
-0.000487   -0.237298  -17.136794
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3443

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.42261   -1.642892  -54.018100   -1.350763
-0.000487   -0.648125  -21.375357
0.56347   -1.642892  -54.018100   -1.350763
-0.000487   -1.058874  -26.619897

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.996952   57.607991    0.974213
 0.004248    0.580092   77.416408
0.14087    6.996952   57.607991    0.974213
 0.004248    0.175907   86.304449
0.28174    6.996952   57.607991    0.974213
 0.004248    0.320850   97.084577
0.42261    6.996952   57.607991    0.974213
 0.004248    0.871947  124.179343
0.56347    6.996952   57.607991    0.974213
 0.004248    1.423108  155.589163

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -5.116740  -75.776546   -1.326257
-0.002879   -0.802433  -17.167272
0.14087   -5.116740  -75.776546   -1.326257
-0.002879   -0.246548  -19.208421
0.28174   -5.116740  -75.776546   -1.326257
-0.002879   -0.237290  -24.918066
0.42261   -5.116740  -75.776546   -1.326257
-0.002879   -0.646059  -33.631460
0.56347   -5.116740  -75.776546   -1.326257
-0.002879   -1.054754  -52.830643

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    3.829649    2.554151    0.328034
 0.000639    0.195589    6.101405
0.14087    3.829649    2.554151    0.328034
 0.000639    0.057893   12.172952
0.28174    3.829649    2.554151    0.328034
 0.000639    0.118139   21.045632
0.42261    3.829649    2.554151    0.328034
 0.000639    0.319434   30.947561
0.56347    3.829649    2.554151    0.328034
 0.000639    0.520767   40.992295

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.157914  -24.431103   -0.479918
-0.000101   -0.284544   -17.050875
0.14087   -0.157914  -24.431103   -0.479918
-0.000101   -0.083176   -12.900824
0.28174   -0.157914  -24.431103   -0.479918
-0.000101   -0.079659   -10.481799
0.42261   -0.157914  -24.431103   -0.479918
-0.000101   -0.217288   -8.915522
0.56347   -0.157914  -24.431103   -0.479918
-0.000101   -0.354889   -8.152998

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    4.627526   61.489003    0.546916
 0.004761    0.326733   78.605151
0.14087    4.627526   61.489003    0.546916
 0.004761    0.103475   66.601457
0.28174    4.627526   61.489003    0.546916
 0.004761    0.191361   57.127838
0.42261    4.627526   61.489003    0.546916
 0.004761    0.517010   69.751809
0.56347    4.627526   61.489003    0.546916
 0.004761    0.842756   88.282776

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -4.411622  -45.409402   -0.793527
-0.003102   -0.488837   -8.822878
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3444

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.14087   -4.411622  -45.409402   -0.793527
-0.003102   -0.156628   -7.607141
0.28174   -4.411622  -45.409402   -0.793527
-0.003102   -0.132136  -10.936295
0.42261   -4.411622  -45.409402   -0.793527
-0.003102   -0.361665  -18.028431
0.56347   -4.411622  -45.409402   -0.793527
-0.003102   -0.591102  -39.342809

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.600153   57.592304    0.891457
 0.004857    0.531768   75.777661
0.14087    6.600153   57.592304    0.891457
 0.004857    0.163308   71.888715
0.28174    6.600153   57.592304    0.891457
 0.004857    0.301311   70.358005
0.42261    6.600153   57.592304    0.891457
 0.004857    0.817303   88.737431
0.56347    6.600153   57.592304    0.891457
 0.004857    1.333375  112.455894

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -4.173455  -57.667294   -1.245567
-0.003084   -0.756765  -16.490331
0.14087   -4.173455  -57.667294   -1.245567
-0.003084   -0.234856  -14.477861
0.28174   -4.173455  -57.667294   -1.245567
-0.003084   -0.216181  -16.522641
0.42261   -4.173455  -57.667294   -1.245567
-0.003084   -0.590246  -21.808607
0.56347   -4.173455  -57.667294   -1.245567
-0.003084   -0.964223  -39.953993

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.893209   61.759522    0.911566
 0.003685    0.543943   65.387593
0.14087    6.893209   61.759522    0.911566
 0.003685    0.165097   75.339654
0.28174    6.893209   61.759522    0.911566
 0.003685    0.303145   87.739893
0.42261    6.893209   61.759522    0.911566
 0.003685    0.823119  114.321147
0.56347    6.893209   61.759522    0.911566
 0.003685    1.343103  144.428149

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -5.966570  -72.564701   -1.249598
-0.002669   -0.233797   -18.325083
0.14087   -5.966570  -72.564701   -1.249598
-0.002669   -0.229930   -25.269346
0.28174   -5.966570  -72.564701   -1.249598
-0.002669   -0.220876   -35.316775
0.42261   -5.966570  -72.564701   -1.249598
-0.002669   -0.603363   -48.022872
0.56347   -5.966570  -72.564701   -1.249598
-0.002669   -0.985777   -69.365954

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    1.184729   42.786185    0.331688
 0.000461    0.197916    2.278609
0.14087    1.184729   42.786185    0.331688
 0.000461    0.058777    3.306262
0.28174    1.184729   42.786185    0.331688
 0.000461    0.098080    4.586334
0.42261    1.184729   42.786185    0.331688
 0.000461    0.267451    5.946404
0.56347    1.184729   42.786185    0.331688
 0.000461    0.436826    7.432740
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3445

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -5.233402   -7.121461   -0.403739
-0.001178   -0.240660  -12.279840
0.14087   -5.233402   -7.121461   -0.403739
-0.001178   -0.071242  -29.452171
0.28174   -5.233402   -7.121461   -0.403739
-0.001178   -0.080378  -46.951199
0.42261   -5.233402   -7.121461   -0.403739
-0.001178   -0.219527  -64.691321
0.56347   -5.233402   -7.121461   -0.403739
-0.001178   -0.358675  -82.525892

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    2.198564  106.951474    0.523892
 0.005258    0.311961   82.756790
0.14087    2.198564  106.951474    0.523892
 0.005258    0.099840   62.623284
0.28174    2.198564  106.951474    0.523892
 0.005258    0.156843   48.277129
0.42261    2.198564  106.951474    0.523892
 0.005258    0.426769   53.555513
0.56347    2.198564  106.951474    0.523892
 0.005258    0.696695   67.126248

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000  -10.214927  -33.564539   -0.664177
-0.004923   -0.417852  -13.129776
0.14087  -10.214927  -33.564539   -0.664177
-0.004923   -0.140093  -31.663927
0.28174  -10.214927  -33.564539   -0.664177
-0.004923   -0.127606  -51.187395
0.42261  -10.214927  -33.564539   -0.664177
-0.004923   -0.347401  -74.711734
0.56347  -10.214927  -33.564539   -0.664177
-0.004923   -0.567180 -114.991996

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    4.495688   91.964065    0.702723
 0.004305    0.419893   67.241518
0.14087    4.495688   91.964065    0.702723
 0.004305    0.130244   59.569797
0.28174    4.495688   91.964065    0.702723
 0.004305    0.231572   56.370515
0.42261    4.495688   91.964065    0.702723
 0.004305    0.627871   72.062143
0.56347    4.495688   91.964065    0.702723
 0.004305    1.024182   92.654541

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -8.847468  -50.124576   -0.958932
-0.003656   -0.584967   -12.700279
0.14087   -8.847468  -50.124576   -0.958932
-0.003656   -0.183231   -29.664575
0.28174   -8.847468  -50.124576   -0.958932
-0.003656   -0.169709   -50.907472
0.42261   -8.847468  -50.124576   -0.958932
-0.003656   -0.464590   -74.980056
0.56347   -8.847468  -50.124576   -0.958932
-0.003656   -0.759391  -110.544583

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.326041   78.236240    0.901213
 0.004038    0.537835   59.077269
0.14087    6.326041   78.236240    0.901213
 0.004038    0.163997   58.780998
0.28174    6.326041   78.236240    0.901213
 0.004038    0.296221   62.506813
0.42261    6.326041   78.236240    0.901213
 0.004038    0.803967   82.028153
0.56347    6.326041   78.236240    0.901213
 0.004038    1.311730  105.665453
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3446

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -7.536533  -57.341989   -1.222146
-0.003251   -0.739108  -22.156309
0.14087   -7.536533  -57.341989   -1.222146
-0.003251   -0.226842  -33.880743
0.28174   -7.536533  -57.341989   -1.222146
-0.003251   -0.218266  -49.326329
0.42261   -7.536533  -57.341989   -1.222146
-0.003251   -0.596437  -67.556666
0.56347   -7.536533  -57.341989   -1.222146
-0.003251   -0.974513  -95.929646

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    4.410216    6.484892    0.961238
 0.000742    0.570669   11.061365
0.14087    4.410216    6.484892    0.961238
 0.000742    0.167287   22.733218
0.28174    4.410216    6.484892    0.961238
 0.000742    0.271180   35.035767
0.42261    4.410216    6.484892    0.961238
 0.000742    0.742256   47.595383
0.56347    4.410216    6.484892    0.961238
 0.000742    1.212907   60.263320

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.957286  -30.917685   -1.121292
-0.000360   -0.667746   -9.494010
0.14087   -0.957286  -30.917685   -1.121292
-0.000360   -0.196825   -10.206303
0.28174   -0.957286  -30.917685   -1.121292
-0.000360   -0.235914   -11.634777
0.42261   -0.957286  -30.917685   -1.121292
-0.000360   -0.639189   -13.351349
0.56347   -0.957286  -30.917685   -1.121292
-0.000360   -1.042468   -15.286465

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   10.413817   10.090775    1.618509
 0.001381    0.964984   16.709639
0.14087   10.413817   10.090775    1.618509
 0.001381    0.286022   39.092792
0.28174   10.413817   10.090775    1.618509
 0.001381    0.460818   63.609828
0.42261   10.413817   10.090775    1.618509
 0.001381    1.253067   89.150912
0.56347   10.413817   10.090775    1.618509
 0.001381    2.044740  115.590168

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -1.007870  -65.822937   -1.886527
-0.000596   -0.662862  -26.420380
0.14087   -1.007870  -65.822937   -1.886527
-0.000596   -0.326673   -22.964961
0.28174   -1.007870  -65.822937   -1.886527
-0.000596   -0.393241   -21.938740
0.42261   -1.007870  -65.822937   -1.886527
-0.000596   -1.072307   -22.808178
0.56347   -1.007870  -65.822937   -1.886527
-0.000596   -1.751293   -24.871811

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   11.151842   21.262456    1.891563
 0.001596    1.128018   36.494346
0.14087   11.151842   21.262456    1.891563
 0.001596    0.334169   62.952475
0.28174   11.151842   21.262456    1.891563
 0.001596    0.551897   92.573512
0.42261   11.151842   21.262456    1.891563
 0.001596    1.500982  125.503341
0.56347   11.151842   21.262456    1.891563
 0.001596    2.448720  159.210335
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3447

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -1.902652  -82.767177   -2.257697
-0.000451   -1.337736   -18.884202
0.14087   -1.902652  -82.767177   -2.257697
-0.000451   -0.388513   -17.404110
0.28174   -1.902652  -82.767177   -2.257697
-0.000451   -0.458500   -21.739976
0.42261   -1.902652  -82.767177   -2.257697
-0.000451   -1.252708   -27.884230
0.56347   -1.902652  -82.767177   -2.257697
-0.000451   -2.046293   -34.690341

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   10.724110   58.529395    1.821073
 0.003631    1.086227   80.912702
0.14087   10.724110   58.529395    1.821073
 0.003631    0.325965   102.185296
0.28174   10.724110   58.529395    1.821073
 0.003631    0.541856   126.623134
0.42261   10.724110   58.529395    1.821073
 0.003631    1.476027   161.399419
0.56347   10.724110   58.529395    1.821073
 0.003631    2.410152   201.470390

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -6.125770   -99.050348   -2.233206
-0.002167   -1.336020   -18.206527
0.14087   -6.125770   -99.050348   -2.233206
-0.002167   -0.398022   -22.497228
0.28174   -6.125770   -99.050348   -2.233206
-0.002167   -0.442973   -32.071881
0.42261   -6.125770   -99.050348   -2.233206
-0.002167   -1.206610   -44.784468
0.56347   -6.125770   -99.050348   -2.233206
-0.002167   -1.970545   -66.937025

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    6.180588    3.507095    0.674188
 0.000620    0.404504    7.732325
0.14087    6.180588    3.507095    0.674188
 0.000620    0.121727   19.520357
0.28174    6.180588    3.507095    0.674188
 0.000620    0.199644   33.723634
0.42261    6.180588    3.507095    0.674188
 0.000620    0.537119   48.583078
0.56347    6.180588    3.507095    0.674188
 0.000620    0.874246   63.945629

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.197842  -38.440310   -0.803392
-8.06E-05   -0.473196   -15.875930
0.14087   -0.197842  -38.440310   -0.803392
-8.06E-05   -0.135201   -11.923647
0.28174   -0.197842  -38.440310   -0.803392
-8.06E-05   -0.161394   -9.936158
0.42261   -0.197842  -38.440310   -0.803392
-8.06E-05   -0.444116   -9.520433
0.56347   -0.197842  -38.440310   -0.803392
-8.06E-05   -0.726915   -9.710432

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    7.118658   55.453009    1.051463
 0.004244    0.631283   82.144314
0.14087    7.118658   55.453009    1.051463
 0.004244    0.195771   82.340815
0.28174    7.118658   55.453009    1.051463
 0.004244    0.322091   85.212414
0.42261    7.118658   55.453009    1.051463
 0.004244    0.873388  102.688428
0.56347    7.118658   55.453009    1.051463
 0.004244    1.424737  127.778510
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3448

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -4.425391  -63.426220   -1.326174
-0.002369   -0.800976   -8.525056
0.14087   -4.425391  -63.426220   -1.326174
-0.002369   -0.243724   -7.224538
0.28174   -4.425391  -63.426220   -1.326174
-0.002369   -0.253341   -10.812898
0.42261   -4.425391  -63.426220   -1.326174
-0.002369   -0.693760   -18.081810
0.56347   -4.425391  -63.426220   -1.326174
-0.002369   -1.134208   -39.577414

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   10.885374   54.247566    1.691192
 0.004420    1.012007   80.230221
0.14087   10.885374   54.247566    1.691192
 0.004420    0.307591   90.912446
0.28174   10.885374   54.247566    1.691192
 0.004420    0.500986   104.478284
0.42261   10.885374   54.247566    1.691192
 0.004420    1.360552   131.360557
0.56347   10.885374   54.247566    1.691192
 0.004420    2.219799   165.178476

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -4.303064  -85.125040   -2.058857
-0.002395   -1.234459   -16.351132
0.14087   -4.303064  -85.125040   -2.058857
-0.002395   -0.368890   -15.353904
0.28174   -4.303064  -85.125040   -2.058857
-0.002395   -0.409028   -18.987185
0.42261   -4.303064  -85.125040   -2.058857
-0.002395   -1.117705   -25.954578
0.56347   -4.303064  -85.125040   -2.058857
-0.002395   -1.826913   -45.907779

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000   10.538511   69.328810    1.700882
 0.003199    1.015782   67.514142
0.14087   10.538511   69.328810    1.700882
 0.003199    0.305190   89.585474
0.28174   10.538511   69.328810    1.700882
 0.003199    0.514464   114.429459
0.42261   10.538511   69.328810    1.700882
 0.003199    1.399258   148.172929
0.56347   10.538511   69.328810    1.700882
 0.003199    2.283763   186.252359

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -7.683954   -94.203392   -2.114077
-0.002113   -1.262346   -20.119866
0.14087   -7.683954   -94.203392   -2.114077
-0.002113   -0.373624   -32.403855
0.28174   -7.683954   -94.203392   -2.114077
-0.002113   -0.412306   -48.775920
0.42261   -7.683954   -94.203392   -2.114077
-0.002113   -1.125542   -67.597416
0.56347   -7.683954   -94.203392   -2.114077
-0.002113   -1.838942   -94.412035

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    1.574063   69.745490    0.505124
 0.000418    0.300022    3.307646
0.14087    1.574063   69.745490    0.505124
 0.000418    0.088169    5.791735
0.28174    1.574063   69.745490    0.505124
 0.000418    0.163994    8.402644
0.42261    1.574063   69.745490    0.505124
 0.000418    0.449381   11.514704
0.56347    1.574063   69.745490    0.505124
 0.000418    0.734502   15.975045
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3449

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -8.624497  -11.394246   -0.679767
-0.001273   -0.405043   -26.884109
0.14087   -8.624497  -11.394246   -0.679767
-0.001273   -0.119692   -54.878309
0.28174   -8.624497  -11.394246   -0.679767
-0.001273   -0.123410   -83.019278
0.42261   -8.624497  -11.394246   -0.679767
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-0.001273   -0.335479  -111.829384
 0.56347    -8.624497   -11.394246    -0.679767
-0.001273   -0.547313  -140.910334

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   2.784835   136.206431    0.802268
 0.005331  0.479435    92.190650
 0.14087   2.784835   136.206431    0.802268
 0.005331  0.151337    75.947221
 0.28174   2.784835   136.206431    0.802268
 0.005331  0.262069    63.175320
 0.42261   2.784835   136.206431    0.802268
 0.005331  0.719346    67.519576
 0.56347   2.784835   136.206431    0.802268
 0.005331  1.177933    82.499563

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -14.361333  -39.247717    -1.110778
-0.004581   -0.686660   -24.817165
 0.14087  -14.361333  -39.247717    -1.110778
-0.004581   -0.221305   -54.290610
 0.28174  -14.361333  -39.247717    -1.110778
-0.004581   -0.197084   -85.239938
 0.42261  -14.361333  -39.247717    -1.110778
-0.004581   -0.531646  -121.610345
 0.56347  -14.361333  -39.247717    -1.110778
-0.004581   -0.868194  -177.321137

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   6.193459   117.260951    1.234456
 0.004440  0.738303    79.620189
 0.14087   6.193459   117.260951    1.234456
 0.004440  0.225774    79.730539
 0.28174   6.193459   117.260951    1.234456
 0.004440  0.392417    83.389464
 0.42261   6.193459   117.260951    1.234456
 0.004440  1.070591   101.273851
 0.56347   6.193459   117.260951    1.234456
 0.004440  1.748901   126.597025

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -12.532052   -63.016817    -1.628974
-0.003545   -0.984058   -23.173921
 0.14087  -12.532052   -63.016817    -1.628974
-0.003545   -0.300107   -50.331114
 0.28174  -12.532052   -63.016817    -1.628974
-0.003545   -0.299759   -81.145320
 0.42261  -12.532052   -63.016817    -1.628974
-0.003545   -0.816350  -115.033830
 0.56347  -12.532052   -63.016817    -1.628974
-0.003545   -1.334137  -163.155369

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   9.866847   100.721615    1.625999
 0.004180  0.972461    70.338864
 0.14087   9.866847   100.721615    1.625999
 0.004180  0.294855    79.668947
 0.28174   9.866847   100.721615    1.625999
 0.004180  0.497178    92.821239
 0.42261   9.866847   100.721615    1.625999
 0.004180  1.352432   118.109779
 0.56347   9.866847   100.721615    1.625999
 0.004180  2.207522   149.895745
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3450

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -10.667536   -79.632764    -2.048360
-0.003140   -1.228634   -30.602204
 0.14087  -10.667536   -79.632764    -2.048360
-0.003140   -0.367979   -51.264564
 0.28174  -10.667536   -79.632764    -2.048360
-0.003140   -0.393838   -76.021574
 0.42261  -10.667536   -79.632764    -2.048360
-0.003140   -0.748977  -103.902541
 0.56347  -10.667536   -79.632764    -2.048360
-0.003140   -1.756963  -143.907076

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   6.996952   106.951474    0.979106
 0.005258  0.584178    82.756790
 0.14087   6.996952   106.951474    0.979106
 0.005258  0.175907    86.304449
 0.28174   6.996952   106.951474    0.979106
 0.005258  0.329944    97.084577
 0.42261   6.996952   106.951474    0.979106
 0.005258  0.896547   124.179343
 0.56347   6.996952   106.951474    0.979106
 0.005258  1.463203   155.589163

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -10.214927   -75.776546    -1.350763
-0.004923   -0.803448   -26.306708
 0.14087  -10.214927   -75.776546    -1.350763
-0.004923   -0.246548   -33.880743
 0.28174  -10.214927   -75.776546    -1.350763
-0.004923   -0.237298   -51.187395
 0.42261  -10.214927   -75.776546    -1.350763
-0.004923   -0.648125   -74.980056
 0.56347  -10.214927   -75.776546    -1.350763
-0.004923   -1.058874  -114.991996

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   11.151842  136.206431    1.891563
 0.005331  1.128018    92.190650
 0.14087   11.151842  136.206431    1.891563
 0.005331  0.551897   126.623134
 0.28174   11.151842  136.206431    1.891563
 0.005331  0.551897   126.623134
 0.42261   11.151842  136.206431    1.891563
 0.005331  1.500982   161.399419
 0.56347   11.151842  136.206431    1.891563
 0.005331  2.448720   201.470390

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -14.361333   -99.050348    -2.257697
-0.004581   -1.337736   -30.602204
 0.14087  -14.361333   -99.050348    -2.257697
-0.004581   -0.398022   -54.878309
 0.28174  -14.361333   -99.050348    -2.257697
-0.004581   -0.458500   -85.239938
 0.42261  -14.361333   -99.050348    -2.257697
-0.004581   -1.252708  -121.610345
 0.56347  -14.361333   -99.050348    -2.257697
-0.004581   -2.046293  -177.321137

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   11.151842  136.206431    1.891563
 0.005331  1.128018    92.190650
 0.14087   11.151842  136.206431    1.891563
 0.005331  0.334169   102.185296
 0.28174   11.151842  136.206431    1.891563
 0.005331  0.551897   126.623134
 0.42261   11.151842  136.206431    1.891563
 0.005331  1.500982   161.399419
 0.56347   11.151842  136.206431    1.891563
 0.005331  2.448720   201.470390

COMB      DESIGN ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.00000   11.151842  136.206431    1.891563
 0.005331  1.128018    92.190650
 0.14087   11.151842  136.206431    1.891563
 0.005331  0.334169   102.185296
 0.28174   11.151842  136.206431    1.891563
 0.005331  0.551897   126.623134
 0.42261   11.151842  136.206431    1.891563
 0.005331  1.500982   161.399419
 0.56347   11.151842  136.206431    1.891563
 0.005331  2.448720   201.470390

COMB      DESIGN ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.00000  -14.361333   -99.050348    -2.257697
-0.004923   -1.337736   -30.602204
 0.14087  -14.361333   -99.050348    -2.257697
-0.004923   -0.398022   -54.878309
 0.28174  -14.361333   -99.050348    -2.257697
-0.004923   -0.458500   -85.239938
 0.42261  -14.361333   -99.050348    -2.257697
-0.004923   -1.252708  -121.610345
 0.56347  -14.361333   -99.050348    -2.257697
-0.004923   -2.046293  -177.321137

ELEM      326 ========== LENGTH
=     2.977780

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   2.683222    2.595460    0.510696
 0.001110  0.569765    3.073674
 0.57743   2.683222    2.595460    0.510696
 0.001110  0.355556    2.344752
 0.71828   2.683222    2.595460    0.510696
 0.001110  0.141347    3.614542
 0.85914   2.683222    2.595460    0.510696
 0.001110  0.095046    6.203380
 1.00000   2.683222    2.595460    0.510696
 0.001110  0.377991    11.007332

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -1.064457  -16.881724    -0.674354
-8.97E-06   -0.753425   -21.309739
 0.57743   -1.064457  -16.881724    -0.674354
-8.97E-06   -0.470575   -21.896195
 0.71828   -1.064457  -16.881724    -0.674354
-8.97E-06   -0.187741   -22.550907
 0.85914   -1.064457  -16.881724    -0.674354
-8.97E-06   -0.072845   -23.282268
 1.00000   -1.064457  -16.881724    -0.674354
-8.97E-06   -0.287089   -24.076538

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   3.655141    11.312610    0.841184
 0.002067  0.938765    12.160505
 0.57743   3.655141    11.312610    0.841184
 0.002067  0.585937    8.352221
 0.71828   3.655141    11.312610    0.841184
 0.002067  0.233100    6.178926
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3452

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
   T          M2         M3
 0.85914   3.655141    11.312610    0.841184
 0.002067  0.161890    8.902441
 1.00000   3.655141    11.312610    0.841184
 0.002067  0.642460    17.275578

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -4.485858   -33.492542    -1.145506
-0.000192   -1.279441   -46.426553
 0.57743   -4.485858   -33.492542    -1.145506
-0.000192   -0.799061   -43.146974
 0.71828   -4.485858   -33.492542    -1.145506
-0.000192   -0.319134   -42.581565
 0.85914   -4.485858   -33.492542    -1.145506
-0.000192   -0.120374   -43.135679
 1.00000   -4.485858   -33.492542    -1.145506
-0.000192   -0.473064   -44.636064

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   3.843007    53.603521    0.909884
 0.001682  1.016023    113.292702
 0.57743   3.843007    53.603521    0.909884
 0.001682  0.634386    91.456869
 0.71828   3.843007    53.603521    0.909884
 0.001682  0.252630    70.609561
 0.85914   3.843007    53.603521    0.909884
 0.001682  0.190841    54.186332
 1.00000   3.843007    53.603521    0.909884
 0.001682  0.761280    43.393462

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -7.328369  -39.317209    -1.359741
-5.94E-06   -1.520080   -59.803495
 0.57743   -7.328369  -39.317209    -1.359741
-5.94E-06   -0.949746   -52.826913
 0.71828   -7.328369  -39.317209    -1.359741
-5.94E-06   -0.379450   -47.240517
 0.85914   -7.328369  -39.317209    -1.359741
-5.94E-06   -0.128799   -41.837165
 1.00000   -7.328369  -39.317209    -1.359741
-5.94E-06   -0.510629   -36.910318

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   9.007717    55.012297    0.876772
 0.004695  0.978534    116.834756
 0.57743   9.007717    55.012297    0.876772
 0.004695  0.610787    95.236164
 0.71828   9.007717    55.012297    0.876772
 0.004695  0.242928    80.169523
 0.85914   9.007717    55.012297    0.876772
 0.004695  0.201189    83.727358
 1.00000   9.007717    55.012297    0.876772
 0.004695  0.757036    102.752651

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -7.028780  -106.478611    -1.326516
-0.003752   -1.468691  -107.600327
 0.57743   -7.028780  -106.478611    -1.326516
-0.003752   -0.914081   -72.480382
 0.71828   -7.028780  -106.478611    -1.326516
-0.003752   -0.368057   -50.170384
 0.85914   -7.028780  -106.478611    -1.326516
-0.003752   -0.138254   -35.264773
 1.00000   -7.028780  -106.478611    -1.326516
-0.003752   -0.502120   -34.225589

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   0.776595    20.169111    0.321799
 0.000734  0.359510    32.290935
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3453

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
   T          M2         M3
 0.57743   0.776595    20.169111    0.321799
 0.000734  0.224543    24.340509
 0.71828   0.776595    20.169111    0.321799
 0.000734  0.089533    17.170477
 0.85914   0.776595    20.169111    0.321799
 0.000734  0.068869    11.904490
 1.00000   0.776595    20.169111    0.321799
 0.000734  0.275308    9.381027

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -4.405065   -16.941631    -0.492177
-1.20E-05   -0.550437   -31.371798
 0.57743   -4.405065   -16.941631    -0.492177
-1.20E-05   -0.343989   -25.393677
 0.71828   -4.405065   -16.941631    -0.492177
-1.20E-05   -0.137582   -21.198785
 0.85914   -4.405065   -16.941631    -0.492177
-1.20E-05   -0.045378   -17.497144
 1.00000   -4.405065   -16.941631    -0.492177
-1.20E-05   -0.180427   -14.705982

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   5.286182    59.976571    0.456136
 0.005068  0.569524    112.234346
 0.57743   5.286182    59.976571    0.456136
 0.005068  0.318214    112.404288
 0.71828   5.286182    59.976571    0.456136
 0.005068  0.126745    96.168486
 0.85914   5.286182    59.976571    0.456136
 0.005068  0.133949    98.794092
 1.00000   5.286182    59.976571    0.456136
 0.005068  0.475303    104.650312

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -6.750591   -80.679470    -0.815951
-0.004403   -0.893853   -69.461611
 0.57743   -6.750591   -80.679470    -0.815951
-0.004403   -0.554062   -38.812631
 0.71828   -6.750591   -80.679470    -0.815951
-0.004403   -0.226034   -25.712803
 0.85914   -6.750591   -80.679470    -0.815951
-0.004403   -0.052997   -19.597223
 1.00000   -6.750591   -80.679470    -0.815951
-0.004403   -0.268939   -12.806115

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   6.306587    56.163874    0.803256
 0.005421  0.896809    124.360138
 0.57743   6.306587    56.163874    0.803256
 0.005421  0.559891    102.346878
 0.71828   6.306587    56.163874    0.803256
 0.005421  0.185049    87.592224
 0.85914   6.306587    56.163874    0.803256
 0.005421  0.195048    89.836013
 1.00000   6.306587    56.163874    0.803256
 0.005421  0.723794    100.785047

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -7.711242   -86.495878    -1.262422
-0.003979   -1.394427   -79.506218
 0.57743   -7.711242   -86.495878    -1.262422
-0.003979   -0.867146   -52.739567
 0.71828   -7.711242   -86.495878    -1.262422
-0.003979   -0.350469   -41.524977
 0.85914   -7.711242   -86.495878    -1.262422
-0.003979   -0.130653   -35.783813
 1.00000   -7.711242   -86.495878    -1.262422
-0.003979   -0.462769   -31.091251
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3454

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   9.020531    62.508336    0.821759
 0.003799  0.917098    125.115643
 0.57743   9.020531    62.508336    0.821759
 0.003799  0.572425    100.411323
 0.71828   9.020531    62.508336    0.821759
 0.003799  0.227620    80.718821
 0.85914   9.020531    62.508336    0.821759
 0.003799  0.187447    74.278939
 1.00000   9.020531    62.508336    0.821759
 0.003799  0.709916    87.079415

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -7.935260  -106.125010    -1.246626
-0.003493   -1.381748  -121.120220
 0.57743   -7.935260  -106.125010    -1.246626
-0.003493   -0.860318   -84.185614
 0.71828   -7.935260  -106.125010    -1.246626
-0.003493   -0.338944   -57.656835
 0.85914   -7.935260  -106.125010    -1.246626
-0.003493   -0.127884   -34.731289
 1.00000   -7.935260  -106.125010    -1.246626
-0.003493   -0.469451   -31.743997

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   5.408819    31.125497    0.300854
 7.09E-06  0.335052    43.427591
 0.57743   5.408819    31.125497    0.300854
 7.09E-06  0.208860    30.476183
 0.71828   5.408819    31.125497    0.300854
 7.09E-06  0.082667    17.684664
 0.85914   5.408819    31.125497    0.300854
 7.09E-06  0.053877    5.569584
 1.00000   5.408819    31.125497    0.300854
 7.09E-06  0.211230    2.916462

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -3.128589   -40.794659    -0.375043
-0.001341   -0.418010   -80.438296
 0.57743   -3.128589   -40.794659    -0.375043
-0.001341   -0.260703   -63.367066
 0.71828   -3.128589   -40.794659    -0.375043
-0.001341   -0.103408   -46.321712
 0.85914   -3.128589   -40.794659    -0.375043
-0.001341   -0.043541   -29.290992
 1.00000   -3.128589   -40.794659    -0.375043
-0.001341   -0.169732   -12.865463

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   11.806395   54.535385    0.432826
 0.005472  0.481828    106.107311
 0.57743   11.806395   54.535385    0.432826
 0.005472  0.300283    85.383590
 0.71828   11.806395   54.535385    0.432826
 0.005472  0.118720    73.899022
 0.85914   11.806395   54.535385    0.432826
 0.005472  0.114951    83.670651
 1.00000   11.806395   54.535385    0.432826
 0.005472  0.381372    102.163915

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -4.489779  -126.354276    -0.637543
-0.006933   -0.688495   -132.166498
 0.57743   -4.489779  -126.354276    -0.637543
-0.006933   -0.424040   -81.910754
 0.71828   -4.489779  -126.354276    -0.637543
-0.006933   -0.173932   -51.208321
 0.85914   -4.489779  -126.354276    -0.637543
-0.006933   -0.085507   -27.708276
 1.00000   -4.489779  -126.354276    -0.637543
-0.006933   -0.260344   -13.920374
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3455

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   10.174869   80.124132    0.595977
 0.004009  0.664820    159.480617
 0.57743   10.174869   80.124132    0.595977
 0.004009  0.414867    126.813980
 0.71828   10.174869   80.124132    0.595977
 0.004009  0.164734    100.584363
 0.85914   10.174869   80.124132    0.595977
 0.004009  0.150448    90.585232
 1.00000   10.174869   80.124132    0.595977
 0.004009  0.547293    89.967080

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -7.875516  -113.894386    -0.947654
-0.005062   -1.042817   -138.920984
 0.57743   -7.875516  -113.894386    -0.947654
-0.005062   -0.647398   -93.116100
 0.71828   -7.875516  -113.894386    -0.947654
-0.005062   -0.261720   -60.798790
 0.85914   -7.875516  -113.894386    -0.947654
-0.005062   -0.100601   -33.488887
 1.00000   -7.875516  -113.894386    -0.947654
-0.005062   -0.346089   -15.338282

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   9.474597    70.738902    0.805499
 0.004020  0.898744    135.302591
 0.57743   9.474597    70.738902    0.805499
 0.004020  0.560885    107.007479
 0.71828   9.474597    70.738902    0.805499
 0.004020  0.222914    84.418351
 0.85914   9.474597    70.738902    0.805499
 0.004020  0.185049    75.817051
 1.00000   9.474597    70.738902    0.805499
 0.004020  0.693929    78.736359

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -8.758801  -106.581586    -1.214463
-0.004196   -1.343790   -132.804370
 0.57743   -8.758801  -106.581586    -1.214463
-0.004196   -0.836091   -94.111618
 0.71828   -8.758801  -106.581586    -1.214463
-0.004196   -0.336474   -67.704834
 0.85914   -8.758801  -106.581586    -1.214463
-0.004196   -0.127633   -45.459859
 1.00000   -8.758801  -106.581586    -1.214463
-0.004196   -0.461809   -30.993577

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   4.697236    5.570189    0.858170
 0.001192  0.958518    6.436710
 0.57743   4.697236    5.570189    0.858170
 0.001192  0.598631    5.276532
 0.71828   4.697236    5.570189    0.858170
 0.001192  0.238533    4.656575
 0.85914   4.697236    5.570189    0.858170
 0.001192  0.148133    7.655357
 1.00000   4.697236    5.570189    0.858170
 0.001192  0.595585    14.796404

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   -1.269686   -23.376849    -1.062830
-6.28E-06   -1.186690   -41.689234
 0.57743   -1.269686   -23.376849    -1.062830
-6.28E-06   -0.740685   -35.336341
 0.71828   -1.269686   -23.376849    -1.062830
-6.28E-06   -0.293901   -29.352704
 0.85914   -1.269686   -23.376849    -1.062830
-6.28E-06   -0.121200   -26.697657
 1.00000   -1.269686   -23.376849    -1.062830
-6.28E-06   -0.481375   -27.221401
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                              3456

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2         M3
 0.43657   5.910445    15.027027    1.406076
 0.002073  1.571298    15.731290
 0.57743   5.910445    15.027027    1.406076
 0.002073  0.981549    10.742912
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0.71828      5.910445     15.027027     1.406076
 0.002073     0.391753     7.356330
0.85914      5.910445     15.027027     1.406076
 0.002073     0.255184     9.867575
1.00000      5.910445     15.027027     1.406076
 0.002073     1.024379     21.122984

COMB DL-G1-2 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -4.380227    -44.620473    -1.826789
-0.000111    -2.039020    -81.710896
0.57743     -4.380227    -44.620473    -1.826789
-0.000111    -1.272642    -68.512796
0.71828     -4.380227    -44.620473    -1.826789
-0.000111    -0.505293    -56.275635
0.85914     -4.380227    -44.620473    -1.826789
-0.000111    -0.198526    -48.554898
1.00000     -4.380227    -44.620473    -1.826789
-0.000111    -0.788296    -47.504532

COMB DL-G1-3 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     6.008258     49.713990     1.595902
 0.001761     1.784094     107.739969
0.57743     6.008258     49.713990     1.595902
 0.001761     1.114627     89.022492
0.71828     6.008258     49.713990     1.595902
 0.001761     0.445189     71.359784
0.85914     6.008258     49.713990     1.595902
 0.001761     0.302976     58.473905
1.00000     6.008258     49.713990     1.595902
 0.001761     1.223444     54.196211

COMB DL-G1-3 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -6.612726    -52.046562    -2.185267
-1.37E-05    -2.440865    -90.000936
0.57743     -6.612726    -52.046562    -2.185267
-1.37E-05    -1.523934    -73.697452
0.71828     -6.612726    -52.046562    -2.185267
-1.37E-05    -0.607567    -57.841838
0.85914     -6.612726    -52.046562    -2.185267
-1.37E-05    -0.222923    -45.629757
1.00000     -6.612726    -52.046562    -2.185267
-1.37E-05    -0.893481    -39.735743

COMB DL-G1-4 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     9.983311     55.310325     1.509487
 0.003984     1.683578     119.709427
0.57743     9.983311     55.310325     1.509487
 0.003984     1.052844     99.477087
0.71828     9.983311     55.310325     1.509487
 0.003984     0.418943     85.226009
0.85914     9.983311     55.310325     1.509487
 0.003984     0.307007     86.928783
1.00000     9.983311     55.310325     1.509487
 0.003984     1.200325     106.313249

COMB DL-G1-4 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -7.027638    -105.765210    -2.123622
 -0.003228    -2.250305    -125.918242
0.57743     -7.027638    -105.765210    -2.123622
 -0.003228    -1.471978    -87.080208
0.71828     -7.027638    -105.765210    -2.123622
 -0.003228    -0.587352    -57.756497
0.85914     -7.027638    -105.765210    -2.123622
 -0.003228    -0.225808    -38.530336
1.00000     -7.027638    -105.765210    -2.123622
 -0.003228    -0.859471    -36.812644
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3457

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     0.921086     17.365234     0.552567
 0.000667     0.618284     28.403403
0.57743     0.921086     17.365234     0.552567
 0.000667     0.386600     21.961003
0.71828     0.921086     17.365234     0.552567
 0.000667     0.154667     15.660166
0.85914     0.921086     17.365234     0.552567
 0.000667     0.111694     10.871470
1.00000     0.921086     17.365234     0.552567
 0.000667     0.449534     10.159820

COMB DL-G2-1 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -3.804592    -21.781823    -0.802791
-7.38E-06    -0.896503    -39.468874
0.57743     -3.804592    -21.781823    -0.802791
-7.38E-06    -0.559573    -31.289370
0.71828     -3.804592    -21.781823    -0.802791
-7.38E-06    -0.222529    -24.597152
0.85914     -3.804592    -21.781823    -0.802791
-7.38E-06    -0.076876    -17.829379
1.00000     -3.804592    -21.781823    -0.802791
-7.38E-06    -0.308821    -14.254164

COMB DL-G2-2 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     5.001230     51.826966     0.826152
 0.004374     0.599324     126.414877
0.57743     5.001230     51.826966     0.826152
 0.004374     0.574634     107.223534
0.71828     5.001230     51.826966     0.826152
 0.004374     0.229836     95.422530
0.85914     5.001230     51.826966     0.826152
 0.004374     0.198575     98.451579
1.00000     5.001230     51.826966     0.826152
 0.004374     0.743445     105.769398

COMB DL-G2-2 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -5.845291    -78.456598    -1.295614
-0.004069    -1.429205    -74.364535
0.57743     -5.845291    -78.456598    -1.295614
-0.004069    -0.889700    -44.440263
0.71828     -5.845291    -78.456598    -1.295614
-0.004069    -0.357065    -28.227597
0.85914     -5.845291    -78.456598    -1.295614
-0.004069    -0.134579    -18.512070
1.00000     -5.845291    -78.456598    -1.295614
-0.004069    -0.481637    -11.764255

COMB DL-G2-3 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     7.203256     50.687042     1.394260
 0.004854     1.555486     117.336724
0.57743     7.203256     50.687042     1.394260
 0.004854     0.971362     99.067411
0.71828     7.203256     50.687042     1.394260
 0.004854     0.386163     87.477177
0.85914     7.203256     50.687042     1.394260
 0.004854     0.295272     90.293219
1.00000     7.203256     50.687042     1.394260
 0.004854     1.137277     103.863457

COMB DL-G2-3 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -6.892147    -89.864683    -2.000906
-0.003683    -2.218177    -102.450741
0.57743     -6.892147    -89.864683    -2.000906
-0.003683    -1.382237    -70.078818
0.71828     -6.892147    -89.864683    -2.000906
-0.003683    -0.552230    -50.119847
0.85914     -6.892147    -89.864683    -2.000906
-0.003683    -0.212847    -37.051970
1.00000     -6.892147    -89.864683    -2.000906
-0.003683    -0.798174    -31.574916
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3458

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     9.220283     64.027452     1.385125
 0.003244     1.544332     128.427264
0.57743     9.220283     64.027452     1.385125
 0.003244     0.963710     104.030515
0.71828     9.220283     64.027452     1.385125
 0.003244     0.383721     84.086664
0.85914     9.220283     64.027452     1.385125
 0.003244     0.286837     74.870691
1.00000     9.220283     64.027452     1.385125
 0.003244     1.127802     89.649042

COMB DL-G2-4 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -8.280364    -104.497854    -1.999164
-0.003141    -2.223969    -132.738685
0.57743     -8.280364    -104.497854    -1.999164
-0.003141    -1.387068    -93.218715
0.71828     -8.280364    -104.497854    -1.999164
-0.003141    -0.553779    -61.329321
0.85914     -8.280364    -104.497854    -1.999164
-0.003141    -0.206523    -35.066881
1.00000     -8.280364    -104.497854    -1.999164
-0.003141    -0.788297    -33.110535

COMB DL-G3-1 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     4.807836     43.423770     0.396454
 4.22E-06     0.439044     55.862336
0.57743     4.807836     43.423770     0.396454
 4.22E-06     0.272809     37.866196
0.71828     4.807836     43.423770     0.396454
 4.22E-06     0.106433     20.141060
0.85914     4.807836     43.423770     0.396454
 4.22E-06     0.077944     5.258870
1.00000     4.807836     43.423770     0.396454
 4.22E-06     0.318963     3.547353

COMB DL-G3-1 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -5.064141    -36.659115    -0.574323
-0.001433    -0.643406    -71.407280
0.57743     -5.064141    -36.659115    -0.574323
-0.001433    -0.402031    -56.185531
0.71828     -5.064141    -36.659115    -0.574323
-0.001433    -0.161179    -41.163340
0.85914     -5.064141    -36.659115    -0.574323
-0.001433    -0.059537    -28.758543
1.00000     -5.064141    -36.659115    -0.574323
-0.001433    -0.226080    -26.308172

COMB DL-G3-2 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     10.997258     65.524094     0.611360
 0.005455     0.673123     120.472800
0.57743     10.997258     65.524094     0.611360
 0.005455     0.417859     94.955952
0.71828     10.997258     65.524094     0.611360
 0.005455     0.164000     79.830694
0.85914     10.997258     65.524094     0.611360
 0.005455     0.160289     87.154775
1.00000     10.997258     65.524094     0.611360
 0.005455     0.565569     109.212834

COMB DL-G3-2 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -6.552922    -118.997045    -0.968222
-0.007393    -1.605272    -121.218279
0.57743     -6.552922    -118.997045    -0.968222
-0.007393    -0.656444    -73.268533
0.71828     -6.552922    -118.997045    -0.968222
-0.007393    -0.266963    -44.397653
0.85914     -6.552922    -118.997045    -0.968222
-0.007393    -0.119531    -26.666302
1.00000     -6.552922    -118.997045    -0.968222
-0.007393    -0.375011    -23.762638
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3459

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     9.608055     82.598734     0.958461
 0.004161     1.063941     159.198338
0.57743     9.608055     82.598734     0.958461
 0.004161     0.662572     126.887669
0.71828     9.608055     82.598734     0.958461
 0.004161     0.262517     102.089712
0.85914     9.608055     82.598734     0.958461
 0.004161     0.224585     94.029400
1.00000     9.608055     82.598734     0.958461
 0.004161     0.851802     100.872831

COMB DL-G3-3 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -8.968419    -112.168153    -1.493395
-0.005605    -1.651618    -129.767509
0.57743     -8.968419    -112.168153    -1.493395
-0.005605    -1.022641    -84.892426
0.71828     -8.968419    -112.168153    -1.493395
-0.005605    -0.413568    -53.989286
0.85914     -8.968419    -112.168153    -1.493395
-0.005605    -0.157607    -31.399300
1.00000     -8.968419    -112.168153    -1.493395
-0.005605    -0.560235    -23.047360

COMB DL-G3-4 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     9.605108     73.762620     1.308499
 0.004171     1.455506     136.509180
0.57743     9.605108     73.762620     1.308499
 0.004171     0.908273     108.139398
0.71828     9.605108     73.762620     1.308499
 0.004171     0.360981     86.120867
0.85914     9.605108     73.762620     1.308499
 0.004171     0.282105     78.814586
1.00000     9.605108     73.762620     1.308499
 0.004171     1.090978     88.906153

COMB DL-G3-4 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -9.576969    -109.920078    -1.924377
-0.004657    -2.135354    -141.218835
0.57743     -9.576969    -109.920078    -1.924377
-0.004657    -1.330909    -99.013533
0.71828     -9.576969    -109.920078    -1.924377
-0.004657    -0.532838    -68.461582
0.85914     -9.576969    -109.920078    -1.924377
-0.004657    -0.202935    -45.269771
1.00000     -9.576969    -109.920078    -1.924377
-0.004657    -0.752241    -37.560040

COMB DB -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     11.806395     80.124132     0.909884
 0.005472     1.016023     159.480617
0.57743     11.806395     80.124132     0.909884
 0.005472     0.634386     126.813980
0.71828     11.806395     80.124132     0.909884
 0.005472     0.252630     100.584363
0.85914     11.806395     80.124132     0.909884
 0.005472     0.201189     98.794092
1.00000     11.806395     80.124132     0.909884
 0.005472     0.761280     104.650312

COMB DB -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -8.758801    -126.354276    -1.359741
-0.006933    -1.520080    -138.920984
0.57743     -8.758801    -126.354276    -1.359741
-0.006933    -0.949746    -94.111618
0.71828     -8.758801    -126.354276    -1.359741
-0.006933    -0.379450    -67.704834
0.85914     -8.758801    -126.354276    -1.359741
-0.006933    -0.138254    -45.494859
1.00000     -8.758801    -126.354276    -1.359741
-0.006933    -0.510629    -44.636064
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3460

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     10.997258     82.598734     1.595902
 0.005455     1.784094     159.198338
0.57743     10.997258     82.598734     1.595902
 0.005455     1.114627     126.887669
0.71828     10.997258     82.598734     1.595902
 0.005455     0.445189     102.089712
0.85914     10.997258     82.598734     1.595902
 0.005455     0.307007     98.451579
1.00000     10.997258     82.598734     1.595902
 0.005455     1.223444     109.212834

COMB DL -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -9.576969    -118.997045    -2.185267
-0.007393    -2.440865    -141.218835
0.57743     -9.576969    -118.997045    -2.185267
-0.007393    -1.523934    -99.013533
0.71828     -9.576969    -118.997045    -2.185267
-0.007393    -0.607567    -68.461582
0.85914     -9.576969    -118.997045    -2.185267
-0.007393    -0.225808    -48.554898
1.00000     -9.576969    -118.997045    -2.185267
-0.007393    -0.893481    -47.504532

COMB CAR -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     11.806395     82.598734     1.595902
 0.005472     1.784094     159.480617
0.57743     11.806395     82.598734     1.595902
 0.005472     1.114627     126.887669
0.71828     11.806395     82.598734     1.595902
 0.005472     0.445189     102.089712
0.85914     11.806395     82.598734     1.595902
 0.005472     0.307007     98.794092
1.00000     11.806395     82.598734     1.595902
 0.005472     1.223444     109.212834

COMB CAR -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -9.576969    -126.354276    -2.185267
-0.007393    -2.440865    -141.218835
0.57743     -9.576969    -126.354276    -2.185267
-0.007393    -1.523934    -99.013533
0.71828     -9.576969    -126.354276    -2.185267
-0.007393    -0.607567    -68.461582
0.85914     -9.576969    -126.354276    -2.185267
-0.007393    -0.225808    -48.554898
1.00000     -9.576969    -126.354276    -2.185267
-0.007393    -0.893481    -47.504532

COMB DESIGN -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.43657     11.806395     82.598734     1.595902
 0.005472     1.784094     159.480617
0.57743     11.806395     82.598734     1.595902
 0.005472     1.114627     126.887669
0.71828     11.806395     82.598734     1.595902
 0.005472     0.445189     102.089712
0.85914     11.806395     82.598734     1.595902
 0.005472     0.307007     98.794092
1.00000     11.806395     82.598734     1.595902
 0.005472     1.223444     109.212834

COMB DESIGN -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.43657     -9.576969    -126.354276    -2.185267
-0.007393    -2.440865    -141.218835
0.57743     -9.576969    -126.354276    -2.185267
-0.007393    -1.523934    -99.013533
0.71828     -9.576969    -126.354276    -2.185267
-0.007393    -0.607567    -68.461582
0.85914     -9.576969    -126.354276    -2.185267
-0.007393    -0.225808    -48.554898
1.00000     -9.576969    -126.354276    -2.185267
-0.007393    -0.893481    -47.504532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3461

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      327 ================== LENGTH
=     2.976782

COMB DB-G1-1 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     2.657222     2.616960     0.506058
 0.000775     0.282348     11.510007
0.14082     2.657222     2.616960     0.506058
 0.000775     0.070176     17.619662
0.28164     2.657222     2.616960     0.506058
 0.000775     0.187628     24.493985
0.42247     2.657222     2.616960     0.506058
 0.000775     0.467120     31.431889
0.56329     2.657222     2.616960     0.506058
 0.000775     0.746659     38.392180

COMB DB-G1-1 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -1.062937    -16.698059    -0.666854
 -6.58E-06    -0.371510    -24.079994
0.14082     -1.062937    -16.698059    -0.666854
 -6.58E-06    -0.091957    -24.912603
0.28164     -1.062937    -16.698059    -0.666854
 -6.58E-06    -0.141944    -25.771124
0.42247     -1.062937    -16.698059    -0.666854
 -6.58E-06    -0.354082    -26.650278
0.56329     -1.062937    -16.698059    -0.666854
 -6.58E-06    -0.566219    -27.582142

COMB DB-G1-2 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     3.507543     12.860775     0.835072
 0.001578     0.466599     17.299802
0.14082     3.507543     12.860275     0.835072
 0.001578     0.116697     27.633597
0.28164     3.507543     12.860275     0.835072
 0.001578     0.318348     39.042711
0.42247     3.507543     12.860275     0.835072
 0.001578     0.791589     51.447151
0.56329     3.507543     12.860275     0.835072
 0.001578     1.265343     64.376653

COMB DB-G1-2 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -4.558090    -31.388834    -1.130389
-0.000177    -0.630081    -44.642932
0.14082     -4.558090    -31.388834    -1.130389
-0.000177    -0.156234    -46.809084
0.28164     -4.558090    -31.388834    -1.130389
-0.000177    -0.234014    -49.400484
0.42247     -4.558090    -31.388834    -1.130389
-0.000177    -0.584079    -52.711902
0.56329     -4.558090    -31.388834    -1.130389
-0.000177    -0.934136    -57.074189

COMB DB-G1-3 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     3.803854     52.944962     0.906677
 0.001785     0.506472     43.396522
0.14082     3.803854     52.944962     0.906677
 0.001785     0.126248     45.417788
0.28164     3.803854     52.944962     0.906677
 0.001785     0.377749     54.398031
0.42247     3.803854     52.944962     0.906677
 0.001785     0.938101     64.995041
0.56329     3.803854     52.944962     0.906677
 0.001785     1.498482     76.155148

COMB DB-G1-3 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -7.270400    -39.094881    -1.336831
 -5.92E-06    -0.743245    -36.909104
0.14082     -7.270400    -39.094881    -1.336831
 -5.92E-06    -0.182845    -36.138093
0.28164     -7.270400    -39.094881    -1.336831
 -5.92E-06    -0.253625    -51.648725
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3462

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
       T          M2           M3
0.42247     -7.270400    -39.094881    -1.336831
 -5.92E-06    -0.633813    -72.019521
0.56329     -7.270400    -39.094881    -1.336831
 -5.92E-06    -1.013879    -93.408058

COMB DB-G1-4 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     6.767881     88.923889     0.871537
 0.004649     0.496406     102.944996
0.14082     6.767881     88.923889     0.871537
 0.004649     0.135137     102.992427
0.28164     6.767881     88.923889     0.871537
 0.004649     0.367315     108.661066
0.42247     6.767881     88.923889     0.871537
 0.004649     0.905572     125.719822
0.56329     6.767881     88.923889     0.871537
 0.004649     1.452671     149.914005

COMB DB-G1-4 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -8.679124    -69.611565    -1.309773
 -0.003677    -0.243847    -53.601352
0.14082     -8.679124    -69.611565    -1.309773
 -0.003677    -0.195501    -36.997210
0.28164     -8.679124    -69.611565    -1.309773
 -0.003677    -0.243689    -53.601352
0.42247     -8.679124    -69.611565    -1.309773
 -0.003677    -0.609123    -73.926521
0.56329     -8.679124    -69.611565    -1.309773
 -0.003677    -0.974468    -105.849595

COMB DB-G2-1 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     0.766953     19.922901     0.321659
 0.000711     0.179843     9.383622
0.14082     0.766953     19.922901     0.321659
 0.000711     0.044934     11.463355
0.28164     0.766953     19.922901     0.321659
 0.000711     0.136667     14.928087
0.42247     0.766953     19.922901     0.321659
 0.000711     0.339235     20.266866
0.56329     0.766953     19.922901     0.321659
 0.000711     0.541836     27.080056

COMB DB-G2-1 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -4.382526    -16.858637    -0.483322
 -9.06E-06    -0.268640    -14.706232
0.14082     -4.382526    -16.858637    -0.483322
 -9.06E-06    -0.066015    -18.382214
0.28164     -4.382526    -16.858637    -0.483322
 -9.06E-06    -0.089838    -24.372717
0.42247     -4.382526    -16.858637    -0.483322
 -9.06E-06    -0.224710    -31.610148
0.56329     -4.382526    -16.858637    -0.483322
 -9.06E-06    -0.359538    -39.313230

COMB DB-G2-2 -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000     2.206660     106.400602     0.454350
 0.005382     0.266892     104.914540
0.14082     2.206660     106.400602     0.454350
 0.005382     0.082063     78.179152
0.28164     2.206660     106.400602     0.454350
 0.005382     0.225214     58.786396
0.42247     2.206660     106.400602     0.454350
 0.005382     0.548179     54.911714
0.56329     2.206660     106.400602     0.454350
 0.005382     0.883215     60.785717

COMB DB-G2-2 -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -9.015941    -29.869387    -0.804728
 -0.004595    -0.466422    -12.796839
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3463

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
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T	M2	M3	
0.14082	-9.015941	-29.869387	-0.804728
-0.004595	-0.130022	-11.398659	
0.28164	-9.015941	-29.869387	-0.804728
-0.004595	-0.126891	-28.278924	
0.42247	-9.015941	-29.869387	-0.804728
-0.004595	-0.317484	-49.926832	
0.56329	-9.015941	-29.869387	-0.804728
-0.004595	-0.507948	-87.372673	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.506709	98.095857	0.798482
0.005476	0.457634	101.030874	
0.14082	3.506709	98.095857	0.798482
0.005476	0.127947	82.690602	
0.28164	3.506709	98.095857	0.798482
0.005476	0.349370	70.867682	
0.42247	3.506709	98.095857	0.798482
0.005476	0.858235	73.014960	
0.56329	3.506709	98.095857	0.798482
0.005476	1.378052	83.953064	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.751634	-40.501735	-1.245010
-0.004153	-0.709812	-31.085828	
0.14082	-9.751634	-40.501735	-1.245010
-0.004153	-0.136782	-13.489079	
0.28164	-9.751634	-40.501735	-1.245010
-0.004153	-0.223406	-46.830069	
0.42247	-9.751634	-40.501735	-1.245010
-0.004153	-0.558263	-67.131714	
0.56329	-9.751634	-40.501735	-1.245010
-0.004153	-0.892980	-101.726075	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.219740	89.930491	0.817720
0.003875	0.464862	87.229446	
0.14082	7.219740	89.930491	0.817720
0.003875	0.125332	93.333707	
0.28164	7.219740	89.930491	0.817720
0.003875	0.344987	105.036209	
0.42247	7.219740	89.930491	0.817720
0.003875	0.851647	126.210961	
0.56329	7.219740	89.930491	0.817720
0.003875	1.365481	153.259273	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.276294	-76.431222	-1.229022
-0.003416	-0.695519	-31.729969	
0.14082	-9.276294	-76.431222	-1.229022
-0.003416	-0.180834	-37.315219	
0.28164	-9.276294	-76.431222	-1.229022
-0.003416	-0.226311	-57.140530	
0.42247	-9.276294	-76.431222	-1.229022
-0.003416	-0.571207	-80.692814	
0.56329	-9.276294	-76.431222	-1.229022
-0.003416	-0.913994	-113.868670	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.451674	31.230991	0.298151
1.96E-05	0.167129	2.912585	
0.14082	5.451674	31.230991	0.298151
1.96E-05	0.042138	6.491959	
0.28164	5.451674	31.230991	0.298151
1.96E-05	0.103373	23.255244	
0.42247	5.451674	31.230991	0.298151
1.96E-05	0.259837	40.364468	
0.56329	5.451674	31.230991	0.298151
1.96E-05	0.415913	57.537308	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3464

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.147771	-41.220683	-0.372331
-0.001331	-0.052283	-12.877983	
0.14082	-3.147771	-41.220683	-0.372331
-0.001331	-0.052283	-23.691748	
0.28164	-3.147771	-41.220683	-0.372331
-0.001331	-0.082855	-35.932058	
0.42247	-3.147771	-41.220683	-0.372331
-0.001331	-0.207840	-48.747933	
0.56329	-3.147771	-41.220683	-0.372331
-0.001331	-0.332823	-61.744694	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.129946	111.857856	0.425854
0.005446	0.254058	102.485207	
0.14082	8.129946	111.857856	0.425854
0.005446	0.082544	88.584353	
0.28164	8.129946	111.857856	0.425854
0.005446	0.175072	84.102150	
0.42247	8.129946	111.857856	0.425854
0.005446	0.424569	97.205051	
0.56329	8.129946	111.857856	0.425854
0.005446	0.688841	122.850979	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.324747	-65.171498	-0.637068
-0.007032	-0.379532	-13.897252	
0.14082	-7.324747	-65.171498	-0.637068
-0.007032	-0.113567	-27.520339	
0.28164	-7.324747	-65.171498	-0.637068
-0.007032	-0.118720	-42.200508	
0.42247	-7.324747	-65.171498	-0.637068
-0.007032	-0.297243	-62.043040	
0.56329	-7.324747	-65.171498	-0.637068
-0.007032	-0.475759	-100.733099	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.656393	119.001957	0.592798
0.004359	0.342722	90.181269	
0.14082	7.656393	119.001957	0.592798
0.004359	0.098915	82.904022	
0.28164	7.656393	119.001957	0.592798
0.004359	0.261514	85.842915	
0.42247	7.656393	119.001957	0.592798
0.004359	0.642267	101.903806	
0.56329	7.656393	119.001957	0.592798
0.004359	1.033038	126.096765	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.785999	-72.045361	-0.936804
-0.005113	-0.537996	-15.313655	
0.14082	-9.785999	-72.045361	-0.936804
-0.005113	-0.146017	-25.091011	
0.28164	-9.785999	-72.045361	-0.936804
-0.005113	-0.164992	-52.530854	
0.42247	-9.785999	-72.045361	-0.936804
-0.005113	-0.413634	-83.554426	
0.56329	-9.785999	-72.045361	-0.936804
-0.005113	-0.662117	-127.642225	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.385116	102.798933	0.800848
0.004146	0.456841	78.919433	
0.14082	7.385116	102.798933	0.800848
0.004146	0.124972	77.559901	
0.28164	7.385116	102.798933	0.800848
0.004146	0.335831	84.986468	
0.42247	7.385116	102.798933	0.800848
0.004146	0.828428	103.389905	
0.56329	7.385116	102.798933	0.800848
0.004146	1.329339	128.570606	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3465

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.331253	-71.924040	-1.198755
-0.004237	-0.680919	-30.975889	
0.14082	-10.331253	-71.924040	-1.198755
-0.004237	-0.179001	-39.858161	
0.28164	-10.331253	-71.924040	-1.198755
-0.004237	-0.223460	-63.024653	
0.42247	-10.331253	-71.924040	-1.198755
-0.004237	-0.559280	-89.844190	
0.56329	-10.331253	-71.924040	-1.198755
-0.004237	-0.894990	-127.747470	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.652881	5.552021	0.858520
0.000827	0.479663	14.806502	
0.14082	4.652881	5.552021	0.858520
0.000827	0.119733	23.202311	
0.28164	4.652881	5.552021	0.858520
0.000827	0.293353	31.932871	
0.42247	4.652881	5.552021	0.858520
0.000827	0.732382	41.006459	
0.56329	4.652881	5.552021	0.858520
0.000827	1.170745	50.293818	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.253074	-23.138387	-1.045191
-3.83E-06	-0.580664	-27.227934	
0.14082	-1.253074	-23.138387	-1.045191
-3.83E-06	-0.141169	-28.265530	
0.28164	-1.253074	-23.138387	-1.045191
-3.83E-06	-0.240164	-29.545884	
0.42247	-1.253074	-23.138387	-1.045191
-3.83E-06	-0.600100	-31.192380	
0.56329	-1.253074	-23.138387	-1.045191
-3.83E-06	-0.959973	-33.105682	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.775303	15.768440	1.423122
0.001610	0.797305	47.515783	
0.14082	5.775303	15.768440	1.423122
0.001610	0.200855	35.560458	
0.28164	5.775303	15.768440	1.423122
0.001610	0.501496	51.323488	
0.42247	5.775303	15.768440	1.423122
0.001610	1.249055	68.214590	
0.56329	5.775303	15.768440	1.423122
0.001610	1.995634	85.634962	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.405532	-43.186054	-1.780617
-0.000106	-0.988359	-47.515783	
0.14082	-4.405532	-43.186054	-1.780617
-0.000106	-0.239798	-49.203120	
0.28164	-4.405532	-43.186054	-1.780617
-0.000106	-0.396405	-52.261540	
0.42247	-4.405532	-43.186054	-1.780617
-0.000106	-0.993006	-57.427775	
0.56329	-4.405532	-43.186054	-1.780617
-0.000106	-1.589523	-62.789808	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.952231	48.978296	1.619466
0.001784	0.907140	54.208975	
0.14082	5.952231	48.978296	1.619466
0.001784	0.227624	60.340663	
0.28164	5.952231	48.978296	1.619466
0.001784	0.601251	74.297461	
0.42247	5.952231	48.978296	1.619466
0.001784	1.496815	91.847065	
0.56329	5.952231	48.978296	1.619466
0.001784	2.390981	110.414836	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3466

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.559396	-51.740464	-2.132325
-8.19E-06	-1.182149	-39.740156	
0.14082	-6.559396	-51.740464	-2.132325
-8.19E-06	-0.285231	-39.671714	
0.28164	-6.559396	-51.740464	-2.132325
-8.19E-06	-0.450626	-52.224361	
0.42247	-6.559396	-51.740464	-2.132325
-8.19E-06	-1.129498	-70.563116	
0.56329	-6.559396	-51.740464	-2.132325
-8.19E-06	-1.808420	-89.883610	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.239710	80.891956	1.516583
0.004059	0.861425	106.342526	
0.14082	8.239710	80.891956	1.516583
0.004059	0.225517	112.145700	
0.28164	8.239710	80.891956	1.516583
0.004059	0.585919	124.636335	
0.42247	8.239710	80.891956	1.516583
0.004059	1.485099	147.534052	
0.56329	8.239710	80.891956	1.516583
0.004059	2.329910	176.697735	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.415765	-78.202788	-2.090327
-0.002890	-1.172730	-36.806522	
0.14082	-8.415765	-78.202788	-2.090327
-0.002890	-0.294544	-40.854595	
0.28164	-8.415765	-78.202788	-2.090327
-0.002890	-0.452385	-55.274870	
0.42247	-8.415765	-78.202788	-2.090327
-0.002890	-1.057031	-76.099952	
0.56329	-8.415765	-78.202788	-2.090327
-0.002890	-1.692217	-107.992067	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.898816	17.064172	0.571638
0.000714	0.321381	10.167155	
0.14082	0.898816	17.064172	0.571638
0.000714	0.081542	14.893186	
0.28164	0.898816	17.064172	0.571638
0.000714	0.219178	21.702842	
0.42247	0.898816	17.064172	0.571638
0.000714	0.543583	29.807657	
0.56329	0.898816	17.064172	0.571638
0.000714	0.867889	38.539986	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.787178	-21.663836	-0.773148
-5.36E-06	-0.427648	-14.257297	
0.14082	-3.787178	-21.663836	-0.773148
-5.36E-06	-0.102638	-16.781295	
0.28164	-3.787178	-21.663836	-0.773148
-5.36E-06	-0.157821	-21.700461	
0.42247	-3.787178	-21.663836	-0.773148
-5.36E-06	-0.397570	-27.730505	
0.56329	-3.787178	-21.663836	-0.773148
-5.36E-06	-0.637171	-34.322198	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.354846	90.906207	0.843230
0.004890	0.492683	105.813723	
0.14082	2.354846	90.906207	0.843230
0.004890	0.138888	85.064436	
0.28164	2.354846	90.906207	0.843230
0.004890	0.354146	72.982969	
0.42247	2.354846	90.906207	0.843230
0.004890	0.872900	74.832709	
0.56329	2.354846	90.906207	0.843230
0.004890	1.391342	95.638881	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3467

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.975250	-36.087661	-1.262991
-0.003897	-0.718448	-11.756290	
0.14082	-7.975250	-36.087661	-1.262991
-0.003897	-0.187908	-10.599991	
0.28164	-7.975250	-36.087661	-1.262991
-0.003897	-0.232997	-24.396858	
0.42247	-7.975250	-36.087661	-1.262991
-0.003897	-0.584885	-43.470798	
0.56329	-7.975250	-36.087661	-1.262991
-0.003897	-0.937407	-79.489443	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.777414	86.009135	1.416775
0.005076	0.811612	103.912430	
0.14082	4.777414	86.009135	1.416775
0.005076	0.217340	92.246268	
0.28164	4.777414	86.009135	1.416775
0.005076	0.548094	88.868648	
0.42247	4.777414	86.009135	1.416775
0.005076	1.357124	98.139907	
0.56329	4.777414	86.009135	1.416775
0.005076	2.171770	115.607863	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.801935	-51.399641	-1.951693
-0.003527	-1.099139	-31.573283	
0.14082	-8.801935	-51.399641	-1.951693
-0.003527	-0.278808	-31.331717	
0.28164	-8.801935	-51.399641	-1.951693
-0.003527	-0.393120	-45.327582	
0.42247	-8.801935	-51.399641	-1.951693
-0.003527	-0.985602	-63.936239	
0.56329	-8.801935	-51.399641	-1.951693
-0.003527	-1.578596	-97.924395	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.793639	85.233444	1.388527
0.003419	0.776889	99.632325	
0.14082	7.793639	85.233444	1.388527
0.003419	0.205000	99.564799	
0.28164	7.793639	85.233444	1.388527
0.003419	0.553007	116.939557	
0.42247	7.793639	85.233444	1.388527
0.003419	1.374772	142.802075	
0.56329	7.793639	85.233444	1.388527
0.003419	2.199273	173.887383	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.441638	-81.822011	-1.971987
-0.002850	-1.104677	-33.097575	
0.14082	-9.441638	-81.822011	-1.971987
-0.002850	-0.276308	-41.173476	
0.28164	-9.441638	-81.822011	-1.971987
-0.002850	-0.386518	-61.679247	
0.42247	-9.441638	-81.822011	-1.971987
-0.002850	-0.989595	-86.372165	
0.56329	-9.441638	-81.822011	-1.971987
-0.002850	-1.549239	-120.491712	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.847539	43.553128	0.367332
1.51E-05	0.204027	3.541667	
0.14082	4.847539	43.553128	0.367332
1.51E-05	0.049908	8.343058	
0.28164	4.847539	43.553128	0.367332
1.51E-05	0.116539	22.873930	
0.42247	4.847539	43.553128	0.367332
1.51E-05	0.416493	38.049778	
0.56329	4.847539	43.553128	0.367332
1.51E-05	0.667999	53.382635	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3468

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.093519	-37.037759	-0.598784
-0.001412	-0.334709	-26.304860	
0.14082	-5.093519	-37.037759	-0.598784
-0.001412	-0.083767	-38.285041	
0.28164	-5.093519	-37.037759	-0.598784
-0.001412	-0.103780	-55.310972	
0.42247	-5.093519	-37.037759	-0.598784
-0.001412	-0.257742	-73.204674	
0.56329	-5.093519	-37.037759	-0.598784
-0.001412	-0.411735	-91.290431	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.307446	121.954994	0.571786
0.005688	0.345285	109.263247	
0.14082	7.307446	121.954994	0.571786
0.005688	0.106500	95.226004	
0.28164	7.307446	121.954994	0.571786
0.005688	0.272505	88.008092	
0.42247	7.307446	121.954994	0.571786
0.005688	0.673663	98.213259	
0.56329	7.307446	121.954994	0.571786
0.005688	1.085970	120.455893	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.649020	-59.537107	-0.995889
-0.007016	-0.582549	-23.738997	
0.14082	-9.649020	-59.537107	-0.995889
-0.007016	-0.165958	-40.543049	
0.28164	-9.649020	-59.537107	-0.995889
-0.007016	-0.160430	-60.794254	
0.42247	-9.649020	-59.537107	-0.995889
-0.007016	-0.397816	-86.206534	
0.56329	-9.649020	-59.537107	-0.995889
-0.007016	-0.636166	-135.029705	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.956755	122.991293	0.939331
0.004655	0.544690	100.910505	
0.14082	6.956755	122.991293	0.939331
0.004655	0.150518	92.408463	
0.28164	6.956755	122.991293	0.939331
0.004655	0.416445	95.169622	
0.42247	6.956755	122.991293	0.939331
0.004655	1.033550	111.329810	
0.56329	6.956755	122.991293	0.939331
0.004655	1.658288	136.491436	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.189062	-69.370142	-1.498521
-0.005310	-0.852429	-23.027122	
0.14082	-11.189062	-69.370142	-1.498521
-0.005310	-0.223797	-36.778541	
0.28164	-11.189062	-69.370142	-1.498521
-0.005310	-0.261774	-65.958612	
0.42247	-11.189062	-69.370142	-1.498521
-0.005310	-0.653765	-98.411920	
0.56329	-11.189062	-69.370142	-1.498521
-0.005310	-1.046673	-147.961523	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.384440	107.140519	1.303227
0.004436	0.745631	88.944376	
0.14082	7.384440	107.140519	1.303227
0.004436	0.198972	87.983383	
0.28164	7.384440	107.140519	1.303227
0.004436	0.533060	96.864198	
0.42247	7.384440	107.140519	1.303227
0.004436	1.323563	117.068161	
0.56329	7.384440	107.140519	1.303227
0.004436	2.119970	144.818204	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3469

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.404654	-74.324573	-1.906819
-0.004411	-1.075057	-37.546607	
0.14082	-11.404654	-74.324573	-1.906819
-0.004411	-0.274394	-49.501241	
0.28164	-11.404654	-74.324573	-1.906819
-0.004411	-0.362655	-74.833955	
0.42247	-11.404654	-74.324573	-1.906819
-0.004411	-0.907585	-103.563747	
0.56329	-11.404654	-74.324573	-1.906819
-0.004411	-1.453094	-146.655760	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.129946	119.001957	0.906677
0.005476	0.506472	104.914540	
0.14082	8.129946	119.001957	0.906677
0.005476	0.135137	102.992427	
0.28164	8.129946	119.001957	0.906677
0.005476	0.377749	108.661066	
0.42247	8.129946	119.001957	0.906677
0.005476	0.938101	126.210961	
0.56329	8.129946	119.001957	0.906677
0.005476	1.498482	153.259273	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.331253	-76.431222	-1.336831
-0.007032	-0.743847	-44.642932	
0.14082	-10.331253	-76.431222	-1.336831
-0.007032	-0.195501	-46.280984	
0.28164	-10.331253	-76.431222	-1.336831
-0.007032	-0.253625	-63.024653	
0.42247	-10.331253	-76.431222	-1.336831
-0.007032	-0.633813	-89.844190	
0.56329	-10.331253	-76.431222	-1.336831
-0.007032	-1.013879	-127.747470	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.239710	122.991293	1.619466
0.005688	0.907140	109.263247	
0.14082	8.239710	122.991293	1.619466
0.005688	0.227624	112.145700	
0.28164	8.239710	122.991293	1.619466
0.005688	0.601251	124.636335	
0.42247	8.239710	122.991293	1.619466
0.005688	1.496815	147.534052	
0.56329	8.239710	122.991293	1.619466
0.005688	2.390981	176.697735	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.404654	-81.822011	-2.132325
-0.007016	-1.182149	-47.515783	
0.14082	-11.404654	-81.822011	-2.132325
-0.007016	-0.294544	-49.501241	
0.28164	-11.404654	-81.822011	-2.132325
-0.007016	-0.450626	-74.833955	
0.42247	-11.404654	-81.822011	-2.132325
-0.007016	-1.129498	-103.563747	
0.56329	-11.404654	-81.822011	-2.132325
-0.007016	-1.808420	-147.961523	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.239710	122.991293	1.619466
0.005688	0.907140	109.263247	
0.14082	8.239710	122.991293	1.619466
0.005688	0.227624	112.145700	
0.28164	8.239710	122.991293	1.619466
0.005688	0.601251	124.636335	
0.42247	8.239710	122.991293	1.619466
0.005688	1.496815	147.534052	
0.56329	8.239710	122.991293	1.619466
0.005688	2.390981	176.697735	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3470

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.404654	-81.822011	-2.132325
-0.007032	-1.182149	-47.515783	
0.14082	-11.404654	-81.822011	-2.132325
-0.007032	-0.294544	-49.501241	
0.28164	-11.404654	-81.822011	-2.132325
-0.007032	-0.450626	-74.833955	
0.42247	-11.404654	-81.822011	-2.132325
-0.007032	-1.129498	-103.563747	
0.56329	-11.404654	-81.822011	-2.132325
-0.007032	-1.808420	-147.961523	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	8.239710	122.991293	1.619466
0.005688	0.907140	109.263247	
0.14082	8.239710	122.991293	1.619466
0.005688	0.227624	112.145700	
0.28164	8.239710	122.991293	1.619466
0.005688	0.601251	124.636335	
0.42247	8.239710	122.991293	1.619466
0.005688	1.496815	147.534052	
0.56329	8.239710	122.991293	1.619466
0.005688	2.390981	176.697735	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-11.404654	-81.822011	-2.132325
-0.007032	-1.182149	-47.515783	
0.14082	-11.404654	-81.822011	-2.132325
-0.007032	-0.294544	-49.501241	
0.28164	-11.404654	-81.822011	-2.132325
-0.007032	-0.450626	-74.833955	
0.42247	-11.404654	-81.822011	-2.132325
-0.007032	-1.129498	-103.563747	
0.56329	-11.404654	-81.822011	-2.132325
-0.007032	-1.808420	-147.961523	

ELEM 328 ========== LENGTH = 2.976557

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	1.631708	9.159527	0.521819
0.001024	0.580798	2.845055	
0.57756	1.631708	9.159527	0.521819
0.001024	0.362083	2.358946	
0.71837	1.631708	9.159527	0.521819
0.001024	0.143368	3.198278	
0.85919	1.631708	9.159527	0.521819
0.001024	0.098207	6.189215	
1.00000	1.631708	9.159527	0.521819
0.001024	0.383539	10.440355	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-2.560297	-12.012433	-0.680755
-1.06E-05	-0.757794	-24.537908	
0.57756	-2.560297	-12.012433	-0.680755
-1.06E-05	-0.472472	-27.749540	
0.71837	-2.560297	-12.012433	-0.680755
-1.06E-05	-0.187176	-31.041335	
0.85919	-2.560297	-12.012433	-0.680755
-1.06E-05	-0.075329	-34.383119	
1.00000	-2.560297	-12.012433	-0.680755
-1.06E-05	-0.294084	-37.887296	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	2.005252	27.983424	0.859378
0.001920	0.956658	23.367138	
0.57756	2.005252	27.983424	0.859378
0.001920	0.596461	16.652580	
0.71837	2.005252	27.983424	0.859378
0.001920	0.236255	11.333068	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3471
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.85919	2.005252	27.983424	0.859378
0.001920	0.164666	11.386293	
1.00000	2.005252	27.983424	0.859378
0.001920	0.643892	17.186390	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-6.853289	-21.654052	-1.143330
-0.000218	-1.273065	-38.283605	
0.57756	-6.853289	-21.654052	-1.143330
-0.000218	-0.793847	-39.750233	
0.71837	-6.853289	-21.654052	-1.143330
-0.000218	-0.315286	-44.475953	
0.85919	-6.853289	-21.654052	-1.143330
-0.000218	-1.124616	-51.056982	
1.00000	-6.853289	-21.654052	-1.143330
-0.000218	-0.484746	-58.541116	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	1.764763	78.246859	0.931468
0.001512	1.037407	152.633739	
0.57756	1.764763	78.246859	0.931468
0.001512	0.647004	124.473829	
0.71837	1.764763	78.246859	0.931468
0.001512	0.256476	97.053607	
0.85919	1.764763	78.246859	0.931468
0.001512	0.191025	73.502489	
1.00000	1.764763	78.246859	0.931468
0.001512	0.750736	54.546771	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-10.189935	-21.069876	-1.335467
-6.44E-06	-1.488303	-41.160485	
0.57756	-10.189935	-21.069876	-1.335467
-6.44E-06	-0.928550	-41.756322	
0.71837	-10.189935	-21.069876	-1.335467
-6.44E-06	-0.368716	-44.202935	
0.85919	-10.189935	-21.069876	-1.335467
-6.44E-06	-0.133726	-47.819644	
1.00000	-10.189935	-21.069876	-1.335467
-6.44E-06	-0.524320	-51.536893	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	7.926125	73.025383	0.877739
0.004646	0.977127	147.118470	
0.57756	7.926125	73.025383	0.877739
0.004646	0.609235	122.073891	
0.71837	7.926125	73.025383	0.877739
0.004646	0.241245	105.293314	
0.85919	7.926125	73.025383	0.877739
0.004646	0.201452	105.178476	
1.00000	7.926125	73.025383	0.877739
0.004646	0.747166	119.581479	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.057291	-96.564241	-1.302597
-0.004031	-1.437724	-93.389522	
0.57756	-9.057291	-96.564241	-1.302597
-0.004031	-0.891827	-64.428596	
0.71837	-9.057291	-96.564241	-1.302597
-0.004031	-0.358656	-48.765979	
0.85919	-9.057291	-96.564241	-1.302597
-0.004031	-0.140588	-41.041527	
1.00000	-9.057291	-96.564241	-1.302597
-0.004031	-0.505954	-46.373963	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	0.435790	32.486763	0.330009
0.000662	0.367623	55.296371	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3472
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.57756	0.435790	32.486763	0.330009
0.000662	0.229314	42.269131	
0.71837	0.435790	32.486763	0.330009
0.000662	0.090959	29.714000	
0.85919	0.435790	32.486763	0.330009
0.000662	0.067540	18.278713	
1.00000	0.435790	32.486763	0.330009
0.000662	0.267394	12.223138	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-5.380448	-7.885046	-0.476825
-8.99E-05	-0.532030	-15.572671	
0.57756	-5.380448	-7.885046	-0.476825
-8.99E-05	-0.332165	-12.522450	
0.71837	-5.380448	-7.885046	-0.476825
-8.99E-05	-0.132371	-11.631960	
0.85919	-5.380448	-7.885046	-0.476825
-8.99E-05	-0.047295	-12.312518	
1.00000	-5.380448	-7.885046	-0.476825
-8.99E-05	-0.185690	-13.332803	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	4.399979	78.895532	0.441271
0.005116	0.491560	183.608392	
0.57756	4.399979	78.895532	0.441271
0.005116	0.306608	152.561569	
0.71837	4.399979	78.895532	0.441271
0.005116	0.121525	130.938164	
0.85919	4.399979	78.895532	0.441271
0.005116	0.130070	125.213391	
1.00000	4.399979	78.895532	0.441271
0.005116	0.454538	123.119076	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-8.113481	-66.552264	-0.774994
-0.004814	-0.846125	-40.662173	
0.57756	-8.113481	-66.552264	-0.774994
-0.004814	-0.521394	-17.910779	
0.71837	-8.113481	-66.552264	-0.774994
-0.004814	-0.214105	-13.328272	
0.85919	-8.113481	-66.552264	-0.774994
-0.004814	-0.082569	-12.953531	
1.00000	-8.113481	-66.552264	-0.774994
-0.004814	-0.264005	-13.240103	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	4.819219	79.789218	0.798592
0.005394	0.889262	165.446471	
0.57756	4.819219	79.789218	0.798592
0.005394	0.554548	137.762936	
0.71837	4.819219	79.789218	0.798592
0.005394	0.219692	118.542438	
0.85919	4.819219	79.789218	0.798592
0.005394	0.193196	115.222985	
1.00000	4.819219	79.789218	0.798592
0.005394	0.706993	117.124635	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.982673	-69.155202	-1.226636
-0.004350	-1.350731	-51.692329	
0.57756	-9.982673	-69.155202	-1.226636
-0.004350	-0.836698	-34.934115	
0.71837	-9.982673	-69.155202	-1.226636
-0.004350	-0.338443	-34.170690	
0.85919	-9.982673	-69.155202	-1.226636
-0.004350	-0.132244	-37.107746	
1.00000	-9.982673	-69.155202	-1.226636
-0.004350	-0.463847	-40.646690	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3473
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	9.054019	75.915543	0.825610
0.003751	0.919009	149.217602	
0.57756	9.054019	75.915543	0.825610
0.003751	0.572962	122.338228	
0.71837	9.054019	75.915543	0.825610
0.003751	0.226904	101.707796	
0.85919	9.054019	75.915543	0.825610
0.003751	0.187151	93.056860	
1.00000	9.054019	75.915543	0.825610
0.003751	0.699167	103.366614	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.138685	-102.555160	-1.222105
-0.003702	-1.350557	-113.743925	
0.57756	-9.138685	-102.555160	-1.222105
-0.003702	-0.838390	-80.151353	
0.71837	-9.138685	-102.555160	-1.222105
-0.003702	-0.336540	-57.316419	
0.85919	-9.138685	-102.555160	-1.222105
-0.003702	-0.130505	-37.071759	
1.00000	-9.138685	-102.555160	-1.222105
-0.003702	-0.474536	-39.223168	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	7.847310	17.948895	0.307314
7.24E-06	0.341407	23.120330	
0.57756	7.847310	17.948895	0.307314
7.24E-06	0.212599	15.793446	
0.71837	7.847310	17.948895	0.307314
7.24E-06	0.083792	8.717297	
0.85919	7.847310	17.948895	0.307314
7.24E-06	0.055608	3.364196	
1.00000	7.847310	17.948895	0.307314
7.24E-06	0.215569	3.181042	

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-1.410692	-61.620634	-0.381435
-0.001256	-0.423930	-115.714809	
0.57756	-1.410692	-61.620634	-0.381435
-0.001256	-0.264056	-89.905341	
0.71837	-1.410692	-61.620634	-0.381435
-0.001256	-0.104201	-64.162981	
0.85919	-1.410692	-61.620634	-0.381435
-0.001256	-0.045037	-38.435517	
1.00000	-1.410692	-61.620634	-0.381435
-0.001256	-0.173845	-12.846729	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	14.444856	43.501269	0.399996
0.005665	0.444321	97.646088	
0.57756	14.444856	43.501269	0.399996
0.005665	0.276668	81.678966	
0.71837	14.444856	43.501269	0.399996
0.005665	0.109019	77.263785	
0.85919	14.444856	43.501269	0.399996
0.005665	0.115296	92.582010	
1.00000	14.444856	43.501269	0.399996
0.005665	0.377896	113.468877	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-2.811734	-146.749359	-0.627192
-0.007342	-0.675262	-158.882394	
0.57756	-2.811734	-146.749359	-0.627192
-0.007342	-0.412511	-103.469040	
0.71837	-2.811734	-146.749359	-0.627192
-0.007342	-0.171115	-67.743059	
0.85919	-2.811734	-146.749359	-0.627192
-0.007342	-0.082217	-35.900244	
1.00000	-2.811734	-146.749359	-0.627192
-0.007342	-0.245413	-12.645096	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3474
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	11.907489	81.283736	0.589231
0.004083	0.655537	177.762208	
0.57756	11.907489	81.283736	0.589231
0.004083	0.408585	145.449218	
0.71837	11.907489	81.283736	0.589231
0.004083	0.161475	121.149758	
0.85919	11.907489	81.283736	0.589231
0.004083	0.149003	110.844578	
1.00000	11.907489	81.283736	0.589231
0.004083	0.534811	106.159719	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-7.250033	-123.891453	-0.921007
-0.005315	-0.010413	-150.526469	
0.57756	-7.250033	-123.891453	-0.921007
-0.005315	-0.624465	-102.806946	
0.71837	-7.250033	-123.891453	-0.921007
-0.005315	-0.253067	-68.698208	
0.85919	-7.250033	-123.891453	-0.921007
-0.005315	-0.101454	-37.277153	
1.00000	-7.250033	-123.891453	-0.921007
-0.005315	-0.345490	-14.395779	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	10.459437	78.523747	0.807182
0.004005	0.898246	153.232819	
0.57756	10.459437	78.523747	0.807182
0.004005	0.559929	124.491382	
0.71837	10.459437	78.523747	0.807182
0.004005	0.221501	102.563930	
0.85919	10.459437	78.523747	0.807182
0.004005	0.183072	93.326276	
1.00000	10.459437	78.523747	0.807182
0.004005	0.682720	92.007795	

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.014989	-110.058749	-1.189410
-0.004404	-1.312319	-136.219668	
0.57756	-9.014989	-110.058749	-1.189410
-0.004404	-0.813858	-98.046927	
0.71837	-9.014989	-110.058749	-1.189410
-0.004404	-0.327405	-72.908359	
0.85919	-9.014989	-110.058749	-1.189410
-0.004404	-0.130003	-49.827440	
1.00000	-9.014989	-110.058749	-1.189410
-0.004404	-0.465928	-34.445747	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	2.659357	11.541798	0.786510
0.001068	0.876237	4.471885	
0.57756	2.659357	11.541798	0.786510
0.001068	0.546616	3.579909	
0.71837	2.659357	11.541798	0.786510
0.001068	0.216982	3.916030	
0.85919	2.659357	11.541798	0.786510
0.001068	0.145116	8.851941	
1.00000	2.659357	11.541798	0.786510
0.001068	0.574760	14.526167	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-2.519214	-15.283345	-1.020968
-7.76E-06	-1.135682	-37.009297	
0.57756	-2.519214	-15.283345	-1.020968
-7.76E-06	-0.707794	-36.288757	
0.71837	-2.519214	-15.283345	-1.020968
-7.76E-06	-0.279144	-36.183125	
0.85919	-2.519214	-15.283345	-1.020968
-7.76E-06	-0.112505	-40.175077	
1.00000	-2.519214	-15.283345	-1.020968
-7.76E-06	-0.442468	-44.433001	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3475
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	3.029412	30.807029	1.302201
0.001853	1.449770	25.011694	
0.57756	3.029412	30.807029	1.302201
0.001853	0.904043	17.664470	
0.71837	3.029412	30.807029	1.302201
0.001853	0.358364	11.897385	
0.85919	3.029412	30.807029	1.302201
0.001853	0.242158	13.701078	
1.00000	3.029412	30.807029	1.302201
0.001853	0.963919	21.182761	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-7.193020	-25.882633	-1.714941
-0.000141	-1.909496	-54.584433	
0.57756	-7.193020	-25.882633	-1.714941
-0.000141	-1.190448	-52.577712	
0.71837	-7.193020	-25.882633	-1.714941
-0.000141	-0.470894	-51.853491	
0.85919	-7.193020	-25.882633	-1.714941
-0.000141	-0.187623	-57.337667	
1.00000	-7.193020	-25.882633	-1.714941
-0.000141	-0.733707	-65.907388	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	2.845923	74.278680	1.450500
0.001520	1.615416	150.736624	
0.57756	2.845923	74.278680	1.450500
0.001520	1.007246	124.900165	
0.71837	2.845923	74.278680	1.450500
0.001520	0.399505	100.197374	
0.85919	2.845923	74.278680	1.450500
0.001520	0.282961	81.874152	
1.00000	2.845923	74.278680	1.450500
0.001520	1.132628	68.085145	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.843452	-26.448000	-2.018206
-1.31E-05	-2.248586	-55.231903	
0.57756	-9.843452	-26.448000	-2.018206
-1.31E-05	-1.402309	-52.115228	
0.71837	-9.843452	-26.448000	-2.018206
-1.31E-05	-0.554835	-49.701429	
0.85919	-9.843452	-26.448000	-2.018206
-1.31E-05	-0.206990	-52.725989	
1.00000	-9.843452	-26.448000	-2.018206
-1.31E-05	-0.816175	-57.844512	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	8.032622	71.766620	1.336090
0.003877	1.480977	151.769973	
0.57756	8.032622	71.766620	1.336090
0.003877	0.923035	127.650866	
0.71837	8.032622	71.766620	1.336090
0.003877	0.365466	111.015615	
0.85919	8.032622	71.766620	1.336090
0.003877	0.266677	112.048678	
1.00000	8.032622	71.766620	1.336090
0.003877	1.105275	126.378700	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-8.875109	-89.234282	-1.946737
-0.003264	-2.156707	-98.413077	
0.57756	-8.875109	-89.234282	-1.946737
-0.003264	-1.341156	-69.070113	
0.71837	-8.875109	-89.234282	-1.946737
-0.003264	-0.533724	-51.328188	
0.85919	-8.875109	-89.234282	-1.946737
-0.003264	-0.204764	-45.341665	
1.00000	-8.875109	-89.234282	-1.946737
-0.003264	-0.765680	-52.158805	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3476
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	0.382834	29.462565	0.513155
0.000575	0.571031	52.345665	
0.57756	0.382834	29.462565	0.513155
0.000575	0.355990	40.685350	
0.71837	0.382834	29.462565	0.513155
0.000575	0.140809	29.389791	
0.85919	0.382834	29.462565	0.513155
0.000575	0.099746	19.342799	
1.00000	0.382834	29.462565	0.513155
0.000575	0.402159	12.829235	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-5.602735	-9.190843	-0.718881
-8.00E-05	-0.802224	-17.021211	
0.57756	-5.602735	-9.190843	-0.718881
-8.00E-05	-0.500715	-14.684539	
0.71837	-5.602735	-9.190843	-0.718881
-8.00E-05	-0.198987	-12.656724	
0.85919	-5.602735	-9.190843	-0.718881
-8.00E-05	-0.073889	-11.660387	
1.00000	-5.602735	-9.190843	-0.718881
-8.00E-05	-0.289261	-12.574010	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	4.059009	71.652685	0.717217
0.004424	0.789260	180.947036	
0.57756	4.059009	71.652685	0.717217
0.004424	0.491750	153.239016	
0.71837	4.059009	71.652685	0.717217
0.004424	0.194657	134.180525	
0.85919	4.059009	71.652685	0.717217
0.004424	0.179556	128.993717	
1.00000	4.059009	71.652685	0.717217
0.004424	0.662334	126.440395	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-7.760796	-59.668203	-1.148310
-0.004204	-1.262646	-41.028990	
0.57756	-7.760796	-59.668203	-1.148310
-0.004204	-0.782435	-19.125056	
0.71837	-7.760796	-59.668203	-1.148310
-0.004204	-0.314990	-13.517973	
0.85919	-7.760796	-59.668203	-1.148310
-0.004204	-0.122036	-12.003924	
1.00000	-7.760796	-59.668203	-1.148310
-0.004204	-0.423577	-12.486485	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43675	4.852754	75.124297	1.250254
0.004789	1.383586	163.961280	
0.57756	4.852754	75.124297	1.250254
0.004789	0.862419	138.999395	
0.71837	4.852754	75.124297	1.250254
0.004789	0.341475	121.843948	
0.85919	4.852754	75.124297	1.250254
0.004789	0.273086	120.077452	
1.00000	4.852754	75.124297	1.250254
0.004789	1.039884	122.821072	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43675	-9.681801	-65.380858	-1.822679
-0.003805	-2.014977	-61.400042	
0.57756	-9.681801	-65.380858	-1.822679
-0.003805	-1.251580	-42.073535	
0.71837	-9.681801	-65.380858	-1.822679
-0.003805	-0.499929	-37.522677	
0.85919	-9.681801	-65.380858	-1.822679
-0.003805	-0.196737	-39.262623	
1.00000	-9.681801	-65.380858	-1.822679
-0.003805	-0.721692	-43.701715	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	8.443641	74.428846	1.220473
0.003160	1.352317	150.949365	
0.57756	8.443641	74.428846	1.220473
0.003160	0.842540	125.255794	
0.71837	8.443641	74.428846	1.220473
0.003160	0.332560	104.628581	
0.85919	8.443641	74.428846	1.220473
0.003160	0.265059	97.522714	
1.00000	8.443641	74.428846	1.220473
0.003160	1.027198	109.692883	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.126791	-95.046889	-1.813169
-0.003119	-2.010467	-113.074831	
0.57756	-9.126791	-95.046889	-1.813169
-0.003119	-1.250938	-79.816803	
0.71837	-9.126791	-95.046889	-1.813169
-0.003119	-0.491772	-55.716571	
0.85919	-9.126791	-95.046889	-1.813169
-0.003119	-0.186603	-38.864279	
1.00000	-9.126791	-95.046889	-1.813169
-0.003119	-0.699323	-43.050338	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	6.947489	22.472692	0.332453
4.27E-06	0.367119	26.782329	
0.57756	6.947489	22.472692	0.332453
4.27E-06	0.227922	17.706664	
0.71837	6.947489	22.472692	0.332453
4.27E-06	0.088294	8.737130	
0.85919	6.947489	22.472692	0.332453
4.27E-06	0.073216	3.875500	
1.00000	6.947489	22.472692	0.332453
4.27E-06	0.289472	3.897742	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-2.090061	-57.100636	-0.516786
-0.001256	-0.575364	-109.163973	
0.57756	-2.090061	-57.100636	-0.516786
-0.001256	-0.408240	-85.501573	
0.71837	-2.090061	-57.100636	-0.516786
-0.001256	-0.141713	-61.882428	
0.85919	-2.090061	-57.100636	-0.516786
-0.001256	-0.050453	-41.936172	
1.00000	-2.090061	-57.100636	-0.516786
-0.001256	-0.190065	-24.781203	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	13.406668	46.779000	0.476936
0.005656	0.319667	104.371751	
0.57756	13.406668	46.779000	0.476936
0.005656	0.319653	87.480747	
0.71837	13.406668	46.779000	0.476936
0.005656	0.124722	82.743942	
0.85919	13.406668	46.779000	0.476936
0.005656	0.149837	99.531191	
1.00000	13.406668	46.779000	0.476936
0.005656	0.509204	121.782224	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-3.319904	-138.465222	-0.859306
-0.007373	-0.931051	-151.295365	
0.57756	-3.319904	-138.465222	-0.859306
-0.007373	-0.571685	-95.695845	
0.71837	-3.319904	-138.465222	-0.859306
-0.007373	-0.233049	-63.135988	
0.85919	-3.319904	-138.465222	-0.859306
-0.007373	-0.059943	-38.860102	
1.00000	-3.319904	-138.465222	-0.859306
-0.007373	-0.299563	-20.616645	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	11.146440	77.008941	0.802582
0.004271	0.881269	174.480291	
0.57756	11.146440	77.008941	0.802582
0.004271	0.574803	144.585269	
0.71837	11.146440	77.008941	0.802582
0.004271	0.215310	123.526763	
0.85919	11.146440	77.008941	0.802582
0.004271	0.205625	118.733926	
1.00000	11.146440	77.008941	0.802582
0.004271	0.761685	119.409349	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-7.289457	-119.153175	-1.325167
-0.005549	-1.457570	-142.657974	
0.57756	-7.289457	-119.153175	-1.325167
-0.005549	-0.903280	-94.717505	
0.71837	-7.289457	-119.153175	-1.325167
-0.005549	-0.362868	-63.382384	
0.85919	-7.289457	-119.153175	-1.325167
-0.005549	-0.137152	-38.733629	
1.00000	-7.289457	-119.153175	-1.325167
-0.005549	-0.474831	-20.095246	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	9.907803	76.176177	1.147422
0.004164	1.267055	150.761134	
0.57756	9.907803	76.176177	1.147422
0.004164	0.788930	123.840609	
0.71837	9.907803	76.176177	1.147422
0.004164	0.310852	104.497064	
0.85919	9.907803	76.176177	1.147422
0.004164	0.260022	100.711219	
1.00000	9.907803	76.176177	1.147422
0.004164	0.988322	104.461161	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.311492	-108.009356	-1.734252
-0.004610	-1.917412	-135.785970	
0.57756	-9.311492	-108.009356	-1.734252
-0.004610	-1.190833	-96.318364	
0.71837	-9.311492	-108.009356	-1.734252
-0.004610	-0.475712	-70.773376	
0.85919	-9.311492	-108.009356	-1.734252
-0.004610	-0.183287	-52.430727	
1.00000	-9.311492	-108.009356	-1.734252
-0.004610	-0.665349	-40.812205	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	14.444856	81.283736	0.931468
0.005665	1.037407	183.608392	
0.57756	14.444856	81.283736	0.931468
0.005665	0.647004	152.561569	
0.71837	14.444856	81.283736	0.931468
0.005665	0.256476	130.938164	
0.85919	14.444856	81.283736	0.931468
0.005665	0.201452	125.213391	
1.00000	14.444856	81.283736	0.931468
0.005665	0.750736	123.119076	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-10.189935	-146.749359	-1.335467
-0.007342	-1.488303	-158.882394	
0.57756	-10.189935	-146.749359	-1.335467
-0.007342	-0.928550	-103.469040	
0.71837	-10.189935	-146.749359	-1.335467
-0.007342	-0.368716	-72.406359	
0.85919	-10.189935	-146.749359	-1.335467
-0.007342	-0.140588	-51.059682	
1.00000	-10.189935	-146.749359	-1.335467
-0.007342	-0.524320	-58.541116	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	13.406668	77.008941	1.450500
0.005656	1.615416	180.947036	
0.57756	13.406668	77.008941	1.450500
0.005656	1.007246	153.239016	
0.71837	13.406668	77.008941	1.450500
0.005656	0.399505	134.180525	
0.85919	13.406668	77.008941	1.450500
0.005656	0.286677	128.533717	
1.00000	13.406668	77.008941	1.450500
0.005656	1.132628	126.440395	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.843452	-138.465222	-2.018206
-0.007373	-2.248586	-151.295365	
0.57756	-9.843452	-138.465222	-2.018206
-0.007373	-1.402309	-96.318364	
0.71837	-9.843452	-138.465222	-2.018206
-0.007373	-0.554835	-70.73376	
0.85919	-9.843452	-138.465222	-2.018206
-0.007373	-0.206990	-57.337667	
1.00000	-9.843452	-138.465222	-2.018206
-0.007373	-0.816175	-65.907388	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	14.444856	81.283736	1.450500
0.005665	1.615416	183.608392	
0.57756	14.444856	81.283736	1.450500
0.005665	1.007246	153.239016	
0.71837	14.444856	81.283736	1.450500
0.005665	0.399505	134.180525	
0.85919	14.444856	81.283736	1.450500
0.005665	0.286677	128.533717	
1.00000	14.444856	81.283736	1.450500
0.005665	1.132628	126.440395	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-10.189935	-146.749359	-2.018206
-0.007373	-2.248586	-158.882394	
0.57756	-10.189935	-146.749359	-2.018206
-0.007373	-1.402309	-103.469040	
0.71837	-10.189935	-146.749359	-2.018206
-0.007373	-0.554835	-72.406359	
0.85919	-10.189935	-146.749359	-2.018206
-0.007373	-0.206990	-57.337667	
1.00000	-10.189935	-146.749359	-2.018206
-0.007373	-0.816175	-65.907388	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	14.444856	81.283736	1.450500
0.005665	1.615416	183.608392	
0.57756	14.444856	81.283736	1.450500
0.005665	1.007246	153.239016	
0.71837	14.444856	81.283736	1.450500
0.005665	0.399505	134.180525	
0.85919	14.444856	81.283736	1.450500
0.005665	0.286677	128.533717	
1.00000	14.444856	81.283736	1.450500
0.005665	1.132628	126.440395	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-10.189935	-146.749359	-2.018206
-0.007373	-2.248586	-158.882394	
0.57756	-10.189935	-146.749359	-2.018206
-0.007373	-1.402309	-103.469040	
0.71837	-10.189935	-146.749359	-2.018206
-0.007373	-0.554835	-72.406359	
0.85919	-10.189935	-146.749359	-2.018206
-0.007373	-0.206990	-57.337667	
1.00000	-10.189935	-146.749359	-2.018206
-0.007373	-0.816175	-65.907388	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 329 ========== LENGTH = 2.977556

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.612942	9.211441	0.516676
0.000715	0.289625	10.448890	
0.14085	1.612942	9.211441	0.516676
0.000715	0.072893	15.210562	
0.28170	1.612942	9.211441	0.516676
0.000715	0.184952	20.105061	
0.42255	1.612942	9.211441	0.516676
0.000715	0.460139	25.058970	
0.56340	1.612942	9.211441	0.516676
0.000715	0.735412	30.046107	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.544275	-11.953500	-0.656423
-6.83E-06	-0.365777	-37.895993	
0.14085	-2.544275	-11.953500	-0.656423
-6.83E-06	-0.090478	-41.477411	
0.28170	-2.544275	-11.953500	-0.656423
-6.83E-06	-0.143780	-45.116406	
0.42255	-2.544275	-11.953500	-0.656423
-6.83E-06	-0.360468	-48.768041	
0.56340	-2.544275	-11.953500	-0.656423
-6.83E-06	-0.577155	-52.491078	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.877130	29.495341	0.851320
0.001471	0.478031	17.211675	
0.14085	1.877130	29.495341	0.851320
0.001471	0.120954	23.249423	
0.28170	1.877130	29.495341	0.851320
0.001471	0.312534	29.706361	
0.42255	1.877130	29.495341	0.851320
0.001471	0.778483	37.186024	
0.56340	1.877130	29.495341	0.851320
0.001471	1.245193	45.234131	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.908776	-19.742598	-1.112834
-0.000185	-0.621706	-58.557289	
0.14085	-6.908776	-19.742598	-1.112834
-0.000185	-0.155048	-67.891481	
0.28170	-6.908776	-19.742598	-1.112834
-0.000185	-0.236806	-77.576068	
0.42255	-6.908776	-19.742598	-1.112834
-0.000185	-0.593833	-87.727016	
0.56340	-6.908776	-19.742598	-1.112834
-0.000185	-0.950850	-99.202530	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.747432	77.671555	0.925620
0.001625	0.519228	54.537112	
0.14085	1.747432	77.671555	0.925620
0.001625	0.113073	45.847800	
0.28170	1.747432	77.671555	0.925620
0.001625	0.365236	48.461017	
0.42255	1.747432	77.671555	0.925620
0.001625	0.909474	53.723281	
0.56340	1.747432	77.671555	0.925620
0.001625	1.453888	59.875991	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.104780	-21.078339	-1.298221
-6.15E-06	-0.723960	-51.543688	
0.14085	-10.104780	-21.078339	-1.298221
-6.15E-06	-0.179472	-55.574399	
0.28170	-10.104780	-21.078339	-1.298221
-6.15E-06	-0.257126	-71.621437	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42255 -10.104780 -21.078339 -1.298221
-6.15E-06 -0.645435 -102.791554
0.56340 -10.104780 -21.078339 -1.298221
-6.15E-06 -1.033618 -134.752586

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.842958	107.246883	0.872231
0.004783	0.507589	119.786057	
0.14085	5.842958	107.246883	0.872231
0.004783	0.138944	112.831811	
0.28170	5.842958	107.246883	0.872231
0.004783	0.356040	115.009647	
0.42255	5.842958	107.246883	0.872231
0.004783	0.876452	128.692315	
0.56340	5.842958	107.246883	0.872231
0.004783	1.409655	150.677852	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.750023	-60.123165	-1.271613
-0.003798	-0.724228	-46.371545	
0.14085	-10.750023	-60.123165	-1.271613
-0.003798	-0.191324	-52.145219	
0.28170	-10.750023	-60.123165	-1.271613
-0.003798	-0.241775	-68.137109	
0.42255	-10.750023	-60.123165	-1.271613
-0.003798	-0.760397	-84.129122	
0.56340	-10.750023	-60.123165	-1.271613
-0.003798	-0.972932	-134.056070	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.434960	32.246750	0.328102
0.000644	0.184127	12.220092	
0.14085	0.434960	32.246750	0.328102
0.000644	0.046445	10.626927	
0.28170	0.434960	32.246750	0.328102
0.000644	0.131381	11.449189	
0.42255	0.434960	32.246750	0.328102
0.000644	0.329462	12.904161	
0.56340	0.434960	32.246750	0.328102
0.000644	0.527119	14.495188	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.351200	-7.851939	-0.471337
-9.26E-06	-0.263566	-13.334484	
0.14085	-5.351200	-7.851939	-0.471337
-9.26E-06	-0.065936	-1.477214	
0.28170	-5.351200	-7.851939	-0.471337
-9.26E-06	-0.091093	-29.209498	
0.42255	-5.351200	-7.851939	-0.471337
-9.26E-06	-0.228729	-41.791573	
0.56340	-5.351200	-7.851939	-0.471337
-9.26E-06	-0.366321	-55.110560	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.524356	125.818618	0.439733
0.005648	0.267122	123.406767	
0.14085	1.524356	125.818618	0.439733
0.005648	0.083237	87.083398	
0.28170	1.524356	125.818618	0.439733
0.005648	0.213159	62.766780	
0.42255	1.524356	125.818618	0.439733
0.005648	0.516082	54.092858	
0.56340	1.524356	125.818618	0.439733
0.005648	0.836458	56.726265	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.458893	-16.214236	-0.764215
-0.004780	-0.446487	-13.233554	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-10.458893	-16.214236	-0.764215
-0.004780	-0.126518	-13.882887	
0.28170	-10.458893	-16.214236	-0.764215
-0.004780	-0.121654	-28.041459	
0.42255	-10.458893	-16.214236	-0.764215
-0.004780	-0.305821	-58.057437	
0.56340	-10.458893	-16.214236	-0.764215
-0.004780	-0.489873	-101.329641	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.220467	122.207246	0.793277
0.005668	0.463306	117.393283	
0.14085	2.220467	122.207246	0.793277
0.005668	0.131027	88.537525	
0.28170	2.220467	122.207246	0.793277
0.005668	0.336071	70.392770	
0.42255	2.220467	122.207246	0.793277
0.005668	0.823802	66.329346	
0.56340	2.220467	122.207246	0.793277
0.005668	1.327324	72.488163	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.085815	-23.674806	-1.200842
-0.004320	-0.688016	-40.648015	
0.14085	-12.085815	-23.674806	-1.200842
-0.004320	-0.184934	-44.521458	
0.28170	-12.085815	-23.674806	-1.200842
-0.004320	-0.220083	-60.984975	
0.42255	-12.085815	-23.674806	-1.200842
-0.004320	-0.552566	-91.532740	
0.56340	-12.085815	-23.674806	-1.200842
-0.004320	-0.884920	-134.038186	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.395548	103.582866	0.820813
0.003976	0.473048	103.520107	
0.14085	7.395548	103.582866	0.820813
0.003976	0.129045	105.176123	
0.28170	7.395548	103.582866	0.820813
0.003976	0.334583	116.084706	
0.42255	7.395548	103.582866	0.820813
0.003976	0.826184	136.929441	
0.56340	7.395548	103.582866	0.820813
0.003976	1.328145	164.639249	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.501564	-73.152073	-1.197073
-0.003485	-0.680582	-39.215823	
0.14085	-10.501564	-73.152073	-1.197073
-0.003485	-0.178883	-45.968977	
0.28170	-10.501564	-73.152073	-1.197073
-0.003485	-0.227247	-63.007530	
0.42255	-10.501564	-73.152073	-1.197073
-0.003485	-0.571373	-92.711976	
0.56340	-10.501564	-73.152073	-1.197073
-0.003485	-0.915396	-130.220396	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.897421	17.929504	0.304411
1.90E-05	0.171516	3.177136	
0.14085	7.897421	17.929504	0.304411
1.90E-05	0.043845	14.803486	
0.28170	7.897421	17.929504	0.304411
1.90E-05	0.104386	40.439278	
0.42255	7.897421	17.929504	0.304411
1.90E-05	0.262759	66.309688	
0.56340	7.897421	17.929504	0.304411
1.90E-05	0.421153	92.235132	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.409114	-61.959684	-0.377683
-0.001230	-0.212434	-12.871186	
0.14085	-1.409114	-61.959684	-0.377683
-0.001230	-0.053935	-16.662981	
0.28170	-1.409114	-61.959684	-0.377683
-0.001230	-0.081844	-23.267540	
0.42255	-1.409114	-61.959684	-0.377683
-0.001230	-0.211510	-30.297112	
0.56340	-1.409114	-61.959684	-0.377683
-0.001230	-0.339176	-37.695112	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.003843	101.197527	0.396664
0.005879	0.248074	113.834115	
0.14085	11.003843	101.197527	0.396664
0.005879	0.082523	108.213691	
0.28170	11.003843	101.197527	0.396664
0.005879	0.171397	111.852399	
0.42255	11.003843	101.197527	0.396664
0.005879	0.410906	132.794705	
0.56340	11.003843	101.197527	0.396664
0.005879	0.671632	166.720389	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.734194	-85.932190	-0.621981
-0.007176	-0.372949	-12.623308	
0.14085	-5.734194	-85.932190	-0.621981
-0.007176	-0.112751	-20.739833	
0.28170	-5.734194	-85.932190	-0.621981
-0.007176	-0.109015	-29.056238	
0.42255	-5.734194	-85.932190	-0.621981
-0.007176	-0.274900	-41.802669	
0.56340	-5.734194	-85.932190	-0.621981
-0.007176	-0.440813	-72.846827	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.565661	120.500377	0.586410
0.004593	0.346879	106.392949	
0.14085	9.565661	120.500377	0.586410
0.004593	0.101377	100.944744	
0.28170	9.565661	120.500377	0.586410
0.004593	0.252491	109.100912	
0.42255	9.565661	120.500377	0.586410
0.004593	0.619048	130.423294	
0.56340	9.565661	120.500377	0.586410
0.004593	1.000159	161.250408	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.206212	-82.329402	-0.908922
-0.005164	-0.525374	-14.373486	
0.14085	-9.206212	-82.329402	-0.908922
-0.005164	-0.144565	-19.427460	
0.28170	-9.206212	-82.329402	-0.908922
-0.005164	-0.161630	-37.524622	
0.42255	-9.206212	-82.329402	-0.908922
-0.005164	-0.407385	-69.427472	
0.56340	-9.206212	-82.329402	-0.908922
-0.005164	-0.652997	-112.071425	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.523267	110.843142	0.801808
0.004294	0.464502	92.206619	
0.14085	8.523267	110.843142	0.801808
0.004294	0.128558	90.558351	
0.28170	8.523267	110.843142	0.801808
0.004294	0.326074	100.364149	
0.42255	8.523267	110.843142	0.801808
0.004294	0.804539	121.151186	
0.56340	8.523267	110.843142	0.801808
0.004294	1.295038	149.816304	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.618833	-75.697793	-1.169807
-0.004279	-0.668027	-34.434137	
0.14085	-10.618833	-75.697793	-1.169807
-0.004279	-0.177733	-42.387764	
0.28170	-10.618833	-75.697793	-1.169807
-0.004279	-0.221806	-60.776132	
0.42255	-10.618833	-75.697793	-1.169807
-0.004279	-0.557909	-91.207307	
0.56340	-10.618833	-75.697793	-1.169807
-0.004279	-0.893932	-130.879122	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.634361	11.577322	0.794280
0.000741	0.447018	14.539171	
0.14085	2.634361	11.577322	0.794280
0.000741	0.113651	20.530711	
0.28170	2.634361	11.577322	0.794280
0.000741	0.276388	26.598331	
0.42255	2.634361	11.577322	0.794280
0.000741	0.690827	32.698278	
0.56340	2.634361	11.577322	0.794280
0.000741	1.104811	38.806597	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.497522	-15.249016	-0.986599
-3.97E-06	-0.548962	-14.452273	
0.14085	-2.497522	-15.249016	-0.986599
-3.97E-06	-0.133700	-48.829105	
0.28170	-2.497522	-15.249016	-0.986599
-3.97E-06	-0.219464	-53.249113	
0.42255	-2.497522	-15.249016	-0.986599
-3.97E-06	-0.552497	-57.694263	
0.56340	-2.497522	-15.249016	-0.986599
-3.97E-06	-0.885562	-62.178235	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.934648	31.739675	1.305087
0.001433	0.733931	21.204977	
0.14085	2.934648	31.739675	1.305087
0.001433	0.186263	29.494045	
0.28170	2.934648	31.739675	1.305087
0.001433	0.468117	38.402800	
0.42255	2.934648	31.739675	1.305087
0.001433	1.174763	47.825160	
0.56340	2.934648	31.739675	1.305087
0.001433	1.876892	57.671671	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.218235	-24.772819	-1.678364
-0.000111	-0.936679	-65.931908	
0.14085	-7.218235	-24.772819	-1.678364
-0.000111	-0.230050	-75.851187	
0.28170	-7.218235	-24.772819	-1.678364
-0.000111	-0.361472	-86.480063	
0.42255	-7.218235	-24.772819	-1.678364
-0.000111	-0.908495	-98.182312	
0.56340	-7.218235	-24.772819	-1.678364
-0.000111	-1.455782	-110.701069	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.826137	73.822802	1.454665
0.001567	0.817420	68.086844	
0.14085	2.826137	73.822802	1.454665
0.001567	0.206169	59.606956	
0.28170	2.826137	73.822802	1.454665
0.001567	0.552063	59.322542	
0.42255	2.826137	73.822802	1.454665
0.001567	1.383711	66.473061	
0.56340	2.826137	73.822802	1.454665
0.001567	2.214399	75.191676	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.774796	-26.487994	-1.979421
-7.76E-06	-1.103750	-57.859379	
0.14085	-9.774796	-26.487994	-1.979421
-7.76E-06	-0.270100	-63.658501	
0.28170	-9.774796	-26.487994	-1.979421
-7.76E-06	-0.402346	-78.321437	
0.42255	-9.774796	-26.487994	-1.979421
-7.76E-06	-1.012562	-106.281134	
0.56340	-9.774796	-26.487994	-1.979421
-7.76E-06	-1.622809	-135.696040	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.381978	97.450222	1.336723
0.003960	0.764454	126.392718	
0.14085	6.381978	97.450222	1.336723
0.003960	0.203020	122.724129	
0.28170	6.381978	97.450222	1.336723
0.003960	0.533240	125.606471	
0.42255	6.381978	97.450222	1.336723
0.003960	1.327019	141.597349	
0.56340	6.381978	97.450222	1.336723
0.003960	2.130019	164.292401	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.260927	-62.279516	-1.915342
-0.002971	-1.081098	-52.161229	
0.14085	-10.260927	-62.279516	-1.915342
-0.002971	-0.275428	-59.789494	
0.28170	-10.260927	-62.279516	-1.915342
-0.002971	-0.367640	-75.013216	
0.42255	-10.260927	-62.279516	-1.915342
-0.002971	-0.925634	-101.089427	
0.56340	-10.260927	-62.279516	-1.915342
-0.002971	-1.483680	-138.427238	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.383564	29.366738	0.508655
0.000603	0.285301	12.829560	
0.14085	0.383564	29.366738	0.508655
0.000603	0.071649	11.396230	
0.28170	0.383564	29.366738	0.508655
0.000603	0.199290	13.145178	
0.42255	0.383564	29.366738	0.508655
0.000603	0.501366	15.726690	
0.56340	0.383564	29.366738	0.508655
0.000603	0.803309	18.654473	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.592111	-9.188731	-0.719408
-5.32E-06	-0.402612	-12.578250	
0.14085	-5.592111	-9.188731	-0.719408
-5.32E-06	-0.099939	-17.800620	
0.28170	-5.592111	-9.188731	-0.719408
-5.32E-06	-0.141244	-27.835275	
0.42255	-5.592111	-9.188731	-0.719408
-5.32E-06	-0.354629	-39.124829	
0.56340	-5.592111	-9.188731	-0.719408
-5.32E-06	-0.567952	-50.883010	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.525887	110.921919	0.716180
0.004879	0.422093	126.469563	
0.14085	1.525887	110.921919	0.716180
0.004879	0.120743	92.866850	
0.28170	1.525887	110.921919	0.716180
0.004879	0.315052	68.067490	
0.42255	1.525887	110.921919	0.716180
0.004879	0.780312	61.701807	
0.56340	1.525887	110.921919	0.716180
0.004879	1.258448	64.965866	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.906783	-18.069099	-1.142406
-0.004073	-0.657417	-12.479222	
0.14085	-9.906783	-18.069099	-1.142406
-0.004073	-0.176968	-13.757863	
0.28170	-9.906783	-18.069099	-1.142406
-0.004073	-0.195525	-25.882841	
0.42255	-9.906783	-18.069099	-1.142406
-0.004073	-0.491656	-51.403956	
0.56340	-9.906783	-18.069099	-1.142406
-0.004073	-0.788274	-93.493615	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.547347	110.674224	1.250159
0.004997	0.720210	122.853668	
0.14085	2.547347	110.674224	1.250159
0.004997	0.194952	97.099251	
0.28170	2.547347	110.674224	1.250159
0.004997	0.498593	79.394695	
0.42255	2.547347	110.674224	1.250159
0.004997	1.240441	78.263244	
0.56340	2.547347	110.674224	1.250159
0.004997	1.993688	85.824744	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.602494	-27.737844	-1.797869
-0.003686	-1.020962	-43.703810	
0.14085	-11.602494	-27.737844	-1.797869
-0.003686	-0.264473	-48.884876	
0.28170	-11.602494	-27.737844	-1.797869
-0.003686	-0.343628	-64.245390	
0.42255	-11.602494	-27.737844	-1.797869
-0.003686	-0.864225	-91.437138	
0.56340	-11.602494	-27.737844	-1.797869
-0.003686	-1.385027	-133.581972	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.098279	95.700594	1.210928
0.003327	0.691273	109.691054	
0.14085	7.098279	95.700594	1.210928
0.003327	0.182288	112.573220	
0.28170	7.098279	95.700594	1.210928
0.003327	0.497975	122.329746	
0.42255	7.098279	95.700594	1.210928
0.003327	1.244401	144.010939	
0.56340	7.098279	95.700594	1.210928
0.003327	1.997404	171.354418	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.275212	-72.794324	-1.796378
-0.002865	-1.013608	-43.043671	
0.14085	-10.275212	-72.794324	-1.796378
-0.002865	-0.258554	-51.716619	
0.28170	-10.275212	-72.794324	-1.796378
-0.002865	-0.335356	-68.921746	
0.42255	-10.275212	-72.794324	-1.796378
-0.002865	-0.839273	-96.515996	
0.56340	-10.275212	-72.794324	-1.796378
-0.002865	-1.345019	-133.510433	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.990933	22.411225	0.310456
1.40E-05	0.174266	3.891471	
0.14085	6.990933	22.411225	0.310456
1.40E-05	0.043678	14.689501	
0.28170	6.990933	22.411225	0.310456
1.40E-05	0.144027	37.570882	
0.42255	6.990933	22.411225	0.310456
1.40E-05	0.364121	60.969244	
0.56340	6.990933	22.411225	0.310456
1.40E-05	0.584899	84.637170	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.097316	-57.309131	-0.525373
-0.001202	-0.294826	-24.792566	
0.14085	-2.097316	-57.309131	-0.525373
-0.001202	-0.075087	-24.771803	
0.28170	-2.097316	-57.309131	-0.525373
-0.001202	-0.086107	-32.670272	
0.42255	-2.097316	-57.309131	-0.525373
-0.001202	-0.216321	-41.354002	
0.56340	-2.097316	-57.309131	-0.525373
-0.001202	-0.346377	-50.373860	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.856109	102.930635	0.457130
0.005853	0.285113	121.824303	
0.14085	9.856109	102.930635	0.457130
0.005853	0.093726	114.542066	
0.28170	9.856109	102.930635	0.457130
0.005853	0.235460	114.239080	
0.42255	9.856109	102.930635	0.457130
0.005853	0.576937	131.182941	
0.56340	9.856109	102.930635	0.457130
0.005853	0.938712	160.574353	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.425236	-79.699031	-0.865161
-0.007096	-0.511742	-20.603645	
0.14085	-6.425236	-79.699031	-0.865161
-0.007096	-0.149995	-27.813179	
0.28170	-6.425236	-79.699031	-0.865161
-0.007096	-0.122616	-38.056377	
0.42255	-6.425236	-79.699031	-0.865161
-0.007096	-0.308269	-52.541166	
0.56340	-6.425236	-79.699031	-0.865161
-0.007096	-0.494110	-90.165169	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.606401	117.295118	0.782547
0.004692	0.459944	119.429880	
0.14085	8.606401	117.295118	0.782547
0.004692	0.130517	108.935290	
0.28170	8.606401	117.295118	0.782547
0.004692	0.365031	110.439554	
0.42255	8.606401	117.295118	0.782547
0.004692	0.907357	128.918804	
0.56340	8.606401	117.295118	0.782547
0.004692	1.464070	157.004096	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.504682	-76.931846	-1.328561
-0.005310	-0.762677	-20.082510	
0.14085	-9.504682	-76.931846	-1.328561
-0.005310	-0.205475	-25.367828	
0.28170	-9.504682	-76.931846	-1.328561
-0.005310	-0.213811	-43.679935	
0.42255	-9.504682	-76.931846	-1.328561
-0.005310	-0.537710	-71.847437	
0.56340	-9.504682	-76.931846	-1.328561
-0.005310	-0.861840	-116.602855	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.793170	109.545132	1.128197
0.004400	0.650336	104.457113	
0.14085	7.793170	109.545132	1.128197
0.004400	0.176178	99.355762	
0.28170	7.793170	109.545132	1.128197
0.004400	0.476978	104.110058	
0.42255	7.793170	109.545132	1.128197
0.004400	1.190028	123.099273	
0.56340	7.793170	109.545132	1.128197
0.004400	1.914636	150.123589	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.134635	-72.978976	-1.728525
-0.004410	-0.982720	-40.812409	
0.14085	-11.134635	-72.978976	-1.728525
-0.004410	-0.256788	-49.386642	
0.28170	-11.134635	-72.978976	-1.728525
-0.004410	-0.310334	-68.645321	
0.42255	-11.134635	-72.978976	-1.728525
-0.004410	-0.779945	-96.714929	
0.56340	-11.134635	-72.978976	-1.728525
-0.004410	-1.249696	-138.764163	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.003843	125.818618	0.925620
0.005879	0.519228	123.406767	
0.14085	11.003843	125.818618	0.925620
0.005879	0.138944	112.831811	
0.28170	11.003843	125.818618	0.925620
0.005879	0.365236	116.084706	
0.42255	11.003843	125.818618	0.925620
0.005879	0.909474	136.929441	
0.56340	11.003843	125.818618	0.925620
0.005879	1.453888	166.720389	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.085815	-85.932190	-1.298221
-0.007176	-1.042228	-55.557289	
0.14085	-12.085815	-85.932190	-1.298221
-0.007176	-0.191324	-67.891481	
0.28170	-12.085815	-85.932190	-1.298221
-0.007176	-0.257126	-77.576068	
0.42255	-12.085815	-85.932190	-1.298221
-0.007176	-0.645435	-102.791554	
0.56340	-12.085815	-85.932190	-1.298221
-0.007176	-1.033618	-134.752586	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.856109	117.295118	1.454665
0.005853	0.817420	126.466563	
0.14085	9.856109	117.295118	1.454665
0.005853	0.206169	122.724129	
0.28170	9.856109	117.295118	1.454665
0.005853	0.552063	125.606471	
0.42255	9.856109	117.295118	1.454665
0.005853	1.383711	144.010939	
0.56340	9.856109	117.295118	1.454665
0.005853	2.214399	171.354418	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.602494	-79.699031	-1.979421
-0.007096	-1.103750	-65.931908	
0.14085	-11.602494	-79.699031	-1.979421
-0.007096	-0.275428	-75.851187	
0.28170	-11.602494	-79.699031	-1.979421
-0.007096	-0.402346	-86.480063	
0.42255	-11.602494	-79.699031	-1.979421
-0.007096	-1.012562	-106.281134	
0.56340	-11.602494	-79.699031	-1.979421
-0.007096	-1.622809	-138.764163	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.003843	125.818618	1.454665
0.005879	0.817420	126.466563	
0.14085	11.003843	125.818618	1.454665
0.005879	0.206169	122.724129	
0.28170	11.003843	125.818618	1.454665
0.005879	0.552063	125.606471	
0.42255	11.003843	125.818618	1.454665
0.005879	1.383711	144.010939	
0.56340	11.003843	125.818618	1.454665
0.005879	2.214399	171.354418	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.085815	-85.932190	-1.979421
-0.007176	-1.103750	-65.931908	
0.14085	-12.085815	-85.932190	-1.979421
-0.007176	-0.275428	-75.851187	
0.28170	-12.085815	-85.932190	-1.979421
-0.007176	-0.402346	-86.480063	
0.42255	-12.085815	-85.932190	-1.979421
-0.007176	-1.012562	-106.281134	
0.56340	-12.085815	-85.932190	-1.979421
-0.007176	-1.622809	-138.764163	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.003843	125.818618	1.454665
0.005879	0.817420	126.466563	
0.14085	11.003843	125.818618	1.454665
0.005879	0.206169	122.724129	
0.28170	11.003843	125.818618	1.454665
0.005879	0.552063	125.606471	
0.42255	11.003843	125.818618	1.454665
0.005879	1.383711	144.010939	
0.56340	11.003843	125.818618	1.454665
0.005879	2.214399	171.354418	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.085815	-85.932190	-1.979421
-0.007176	-1.103750	-65.931908	
0.14085	-12.085815	-85.932190	-1.979421
-0.007176	-0.275428	-75.851187	
0.28170	-12.085815	-85.932190	-1.979421
-0.007176	-0.402346	-86.480063	
0.42255	-12.085815	-85.932190	-1.979421
-0.007176	-1.012562	-106.281134	
0.56340	-12.085815	-85.932190	-1.979421
-0.007176	-1.622809	-138.764163	

ELEM 330 ========== LENGTH = 2.977407

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.526505	15.562184	0.511988
0.000791	0.570975	2.526255	
0.57747	0.526505	15.562184	0.511988
0.000791	0.356274	2.437230	
0.71831	0.526505	15.562184	0.511988
0.000791	0.141593	2.885968	
0.85916	0.526505	15.562184	0.511988
0.000791	0.089685	5.431639	
1.00000	0.526505	15.562184	0.511988
0.000791	0.351523	8.408966	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-4.066522	-7.870542	-0.623919
-1.33E-05	-0.695043	-23.637959	
0.57747	-4.066522	-7.870542	-0.623919
-1.33E-05	-0.433403	-29.576226	
0.71831	-4.066522	-7.870542	-0.623919
-1.33E-05	-0.171815	-35.569664	
0.85916	-4.066522	-7.870542	-0.623919
-1.33E-05	-0.073094	-41.589380	
1.00000	-4.066522	-7.870542	-0.623919
-1.33E-05	-0.287838	-47.715295	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.984748	39.746680	0.843299
0.001579	0.939693	29.162801	
0.57747	0.984748	39.746680	0.843299
0.001579	0.586128	21.341841	
0.71831	0.984748	39.746680	0.843299
0.001579	0.233107	14.599018	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	0.984748	39.746680	0.843299
0.001579	0.149980	11.884030	
1.00000	0.984748	39.746680	0.843299
0.001579	0.587002	15.050544	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.139075	-13.528779	-1.042286
-0.000309	-1.161381	-30.123421	
0.57747	-8.139075	-13.528779	-1.042286
-0.000309	-0.724319	-36.356676	
0.71831	-8.139075	-13.528779	-1.042286
-0.000309	-0.287442	-45.113905	
0.85916	-8.139075	-13.528779	-1.042286
-0.000309	-0.121209	-56.445437	
1.00000	-8.139075	-13.528779	-1.042286
-0.000309	-0.474895	-68.368292	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.010442	91.791027	0.912055
0.001225	1.017354	170.516811	
0.57747	1.010442	91.791027	0.912055
0.001225	0.634877	139.980016	
0.71831	1.010442	91.791027	0.912055
0.001225	0.252374	109.943302	
0.85916	1.010442	91.791027	0.912055
0.001225	0.169129	82.950326	
1.00000	1.010442	91.791027	0.912055
0.001225	0.664980	59.637802	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-11.410127	-10.643931	-1.182839
-5.60E-05	-1.319134	-28.095381	
0.57747	-11.410127	-10.643931	-1.182839
-5.60E-05	-0.823129	-34.385242	
0.71831	-11.410127	-10.643931	-1.182839
-5.60E-05	-0.327076	-42.034381	
0.85916	-11.410127	-10.643931	-1.182839
-5.60E-05	-0.130039	-51.279175	
1.00000	-11.410127	-10.643931	-1.182839
-5.60E-05	-0.512525	-60.897680	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.485976	81.984269	0.870825
0.004511	0.957079	159.332216	
0.57747	7.485976	81.984269	0.870825
0.004511	0.593285	133.807528	
0.71831	7.485976	81.984269	0.870825
0.004511	0.239953	117.617896	
0.85916	7.485976	81.984269	0.870825
0.004511	0.180778	115.984926	
1.00000	7.485976	81.984269	0.870825
0.004511	0.666687	128.811244	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.829595	-91.717938	-1.158974
-0.003986	-1.277972	-84.117240	
0.57747	-9.829595	-91.717938	-1.158974
-0.003986	-0.792383	-59.177641	
0.71831	-9.829595	-91.717938	-1.158974
-0.003986	-0.319914	-47.296443	
0.85916	-9.829595	-91.717938	-1.158974
-0.003986	-0.139504	-44.135040	
1.00000	-9.829595	-91.717938	-1.158974
-0.003986	-0.504465	-53.514037	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.522677	38.426655	0.323537
0.000571	0.360802	67.391978	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	0.522677	38.426655	0.323537
0.000571	0.225128	51.847416	
0.71831	0.522677	38.426655	0.323537
0.000571	0.089475	36.684071	
0.85916	0.522677	38.426655	0.323537
0.000571	0.059790	22.276201	
1.00000	0.522677	38.426655	0.323537
0.000571	0.236901	13.509030	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.044303	-3.141013	-0.422527
-0.000178	-0.471867	-6.786305	
0.57747	-5.044303	-3.141013	-0.422527
-0.000178	-0.294645	-5.684288	
0.71831	-5.044303	-3.141013	-0.422527
-0.000178	-0.117511	-6.288182	
0.85916	-5.044303	-3.141013	-0.422527
-0.000178	-0.046153	-8.941500	
1.00000	-5.044303	-3.141013	-0.422527
-0.000178	-0.181872	-12.129002	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.525635	86.088993	0.433632
0.005105	0.464516	204.633767	
0.57747	4.525635	86.088993	0.433632
0.005105	0.284572	171.143226	
0.71831	4.525635	86.088993	0.433632
0.005105	0.118964	147.874147	
0.85916	4.525635	86.088993	0.433632
0.005105	0.111539	139.233921	
1.00000	4.525635	86.088993	0.433632
0.005105	0.381423	134.329829	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.813011	-60.612200	-0.643808
-0.004872	-0.699320	-26.284506	
0.57747	-7.813011	-60.612200	-0.643808
-0.004872	-0.429920	-7.357957	
0.71831	-7.813011	-60.612200	-0.643808
-0.004872	-0.178501	-6.321961	
0.85916	-7.813011	-60.612200	-0.643808
-0.004872	-0.082485	-8.948107	
1.00000	-7.813011	-60.612200	-0.643808
-0.004872	-0.263977	-12.266894	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.472103	91.296700	0.784044
0.005210	0.857132	183.499961	
0.57747	4.472103	91.296700	0.784044
0.005210	0.530058	154.080705	
0.71831	4.472103	91.296700	0.784044
0.005210	0.215929	133.838713	
0.85916	4.472103	91.296700	0.784044
0.005210	0.169910	128.302269	
1.00000	4.472103	91.296700	0.784044
0.005210	0.615731	126.144257	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-10.391965	-60.283793	-1.063412
-0.004391	-1.168775	-35.34179	
0.57747	-10.391965	-60.283793	-1.063412
-0.004391	-0.723354	-24.441477	
0.71831	-10.391965	-60.283793	-1.063412
-0.004391	-0.294186	-29.454574	
0.85916	-10.391965	-60.283793	-1.063412
-0.004391	-0.130049	-41.930501	
1.00000	-10.391965	-60.283793	-1.063412
-0.004391	-0.459037	-45.952830	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.332646	81.181471	0.826848
0.003685	0.910450	157.887994	
0.57747	9.332646	81.181471	0.826848
0.003685	0.564836	131.554688	
0.71831	9.332646	81.181471	0.826848
0.003685	0.227703	111.638356	
0.85916	9.332646	81.181471	0.826848
0.003685	0.169412	103.738387	
1.00000	9.332646	81.181471	0.826848
0.003685	0.630492	113.253951	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.127850	-101.625856	-1.099625
-0.003576	-1.214524	-108.606301	
0.57747	-9.127850	-101.625856	-1.099625
-0.003576	-0.753739	-77.000572	
0.71831	-9.127850	-101.625856	-1.099625
-0.003576	-0.303548	-56.058194	
0.85916	-9.127850	-101.625856	-1.099625
-0.003576	-0.130590	-37.290989	
1.00000	-9.127850	-101.625856	-1.099625
-0.003576	-0.477176	-42.547127	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.029413	9.844534	0.328683
7.15E-06	0.365641	11.620047	
0.57747	9.029413	9.844534	0.328683
7.15E-06	0.227810	7.771887	
0.71831	9.029413	9.844534	0.328683
7.15E-06	0.089988	4.367556	
0.85916	9.029413	9.844534	0.328683
7.15E-06	0.056985	3.613439	
1.00000	9.029413	9.844534	0.328683
7.15E-06	0.222242	3.163505	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.743993	-73.379730	-0.393863
-0.000988	-0.438414	-134.535348	
0.57747	-0.743993	-73.379730	-0.393863
-0.000988	-0.273247	-103.805949	
0.71831	-0.743993	-73.379730	-0.393863
-0.000988	-0.108115	-73.103893	
0.85916	-0.743993	-73.379730	-0.393863
-0.000988	-0.047852	-42.409495	
1.00000	-0.743993	-73.379730	-0.393863
-0.000988	-0.185690	-11.757666	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	15.373991	34.960199	0.424836
0.005713	0.449466	88.864202	
0.57747	15.373991	34.960199	0.424836
0.005713	0.273651	77.339844	
0.71831	15.373991	34.960199	0.424836
0.005713	0.115330	78.349086	
0.85916	15.373991	34.960199	0.424836
0.005713	0.108869	98.392857	
1.00000	15.373991	34.960199	0.424836
0.005713	0.353946	119.940127	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-2.044271	-160.319237	-0.584257
-0.007023	-0.627010	-174.780782	
0.57747	-2.044271	-160.319237	-0.584257
-0.007023	-0.382699	-115.434131	
0.71831	-2.044271	-160.319237	-0.584257
-0.007023	-0.160386	-76.097306	
0.85916	-2.044271	-160.319237	-0.584257
-0.007023	-0.086792	-39.138510	
1.00000	-2.044271	-160.319237	-0.584257
-0.007023	-0.264531	-10.063595	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	13.176144	77.981204	0.606011
0.004084	0.633122	182.910587	
0.57747	13.176144	77.981204	0.606011
0.004084	0.406574	152.505925	
0.71831	13.176144	77.981204	0.606011
0.004084	0.166005	130.827366	
0.85916	13.176144	77.981204	0.606011
0.004084	0.136240	122.473289	
1.00000	13.176144	77.981204	0.606011
0.004084	0.485433	115.947556	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-6.429418	-131.371805	-0.832833
-0.005057	-0.912237	-157.686585	
0.57747	-6.429418	-131.371805	-0.832833
-0.005057	-0.563469	-107.912141	
0.71831	-6.429418	-131.371805	-0.832833
-0.005057	-0.229720	-71.907093	
0.85916	-6.429418	-131.371805	-0.832833
-0.005057	-0.104495	-37.590470	
1.00000	-6.429418	-131.371805	-0.832833
-0.005057	-0.358340	-11.442600	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	11.327260	80.220303	0.815060
0.003903	0.895116	159.494011	
0.57747	11.327260	80.220303	0.815060
0.003903	0.554626	131.420878	
0.71831	11.327260	80.220303	0.815060
0.003903	0.224042	111.333626	
0.85916	11.327260	80.220303	0.815060
0.003903	0.168350	103.329176	
1.00000	11.327260	80.220303	0.815060
0.003903	0.620830	99.513250	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.450285	-113.183831	-1.079048
-0.004226	-1.189747	-137.446227	
0.57747	-8.450285	-113.183831	-1.079048
-0.004226	-0.737646	-99.433364	
0.71831	-8.450285	-113.183831	-1.079048
-0.004226	-0.297964	-73.800227	
0.85916	-8.450285	-113.183831	-1.079048
-0.004226	-0.131274	-50.722058	
1.00000	-8.450285	-113.183831	-1.079048
-0.004226	-0.472846	-34.767589	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.696606	19.633036	0.701672
0.000751	0.782646	3.342543	
0.57747	0.696606	19.633036	0.701672
0.000751	0.488417	3.084169	
0.71831	0.696606	19.633036	0.701672
0.000751	0.193869	4.977576	
0.85916	0.696606	19.633036	0.701672
0.000751	0.125388	8.795390	
1.00000	0.696606	19.633036	0.701672
0.000751	0.497613	12.878569	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-4.138374	-10.371628	-0.885603
-9.53E-06	-0.989345	-30.335522	
0.57747	-4.138374	-10.371628	-0.885603
-9.53E-06	-0.614620	-34.974998	
0.71831	-4.138374	-10.371628	-0.885603
-9.53E-06	-0.242097	-41.505639	
0.85916	-4.138374	-10.371628	-0.885603
-9.53E-06	-0.099441	-49.133423	
1.00000	-4.138374	-10.371628	-0.885603
-9.53E-06	-0.394233	-57.265574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.141417	45.585485	1.163651
0.001397	1.296481	31.680078	
0.57747	1.141417	45.585485	1.163651
0.001397	0.808911	22.922443	
0.71831	1.141417	45.585485	1.163651
0.001397	0.320780	17.123894	
0.85916	1.141417	45.585485	1.163651
0.001397	0.205609	15.653676	
1.00000	1.141417	45.585485	1.163651
0.001397	0.820224	19.613697	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.322801	-16.107111	-1.461952
-0.000241	-1.629740	-37.308458	
0.57747	-8.322801	-16.107111	-1.461952
-0.000241	-1.016090	-42.975007	
0.71831	-8.322801	-16.107111	-1.461952
-0.000241	-0.402158	-52.228890	
0.85916	-8.322801	-16.107111	-1.461952
-0.000241	-0.166349	-64.500655	
1.00000	-8.322801	-16.107111	-1.461952
-0.000241	-0.655642	-79.570864	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.212509	91.089760	1.261950
0.001155	1.406430	172.703155	
0.57747	1.212509	91.089760	1.261950
0.001155	0.877487	144.112903	
0.71831	1.212509	91.089760	1.261950
0.001155	0.347214	117.871983	
0.85916	1.212509	91.089760	1.261950
0.001155	0.232474	95.094020	
1.00000	1.212509	91.089760	1.261950
0.001155	0.931871	76.114645	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-10.928069	-14.458950	-1.664061
-7.36E-05	-1.185574	-34.654959	
0.57747	-10.928069	-14.458950	-1.664061
-7.36E-05	-1.157091	-39.911441	
0.71831	-10.928069	-14.458950	-1.664061
-7.36E-05	-0.458127	-47.797823	
0.85916	-10.928069	-14.458950	-1.664061
-7.36E-05	-0.179422	-58.273024	
1.00000	-10.928069	-14.458950	-1.664061
-7.36E-05	-0.709756	-70.552466	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	6.796435	82.818260	1.154915
0.003692	1.274472	166.087521	
0.57747	6.796435	82.818260	1.154915
0.003692	0.791066	141.854261	
0.71831	6.796435	82.818260	1.154915
0.003692	0.316730	126.953474	
0.85916	6.796435	82.818260	1.154915
0.003692	0.237098	126.918990	
1.00000	6.796435	82.818260	1.154915
0.003692	0.904864	139.305815	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.413583	-83.601507	-1.591247
-0.003185	-1.762094	-82.892531	
0.57747	-9.413583	-83.601507	-1.591247
-0.003185	-1.094316	-59.318320	
0.71831	-9.413583	-83.601507	-1.591247
-0.003185	-0.443751	-50.156695	
0.85916	-9.413583	-83.601507	-1.591247
-0.003185	-0.178676	-50.498894	
1.00000	-9.413583	-83.601507	-1.591247
-0.003185	-0.663376	-62.389046	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.526291	36.204164	0.450996
0.000486	0.502585	66.134533	
0.57747	0.526291	36.204164	0.450996
0.000486	0.313149	51.448639	
0.71831	0.526291	36.204164	0.450996
0.000486	0.123627	37.280915	
0.85916	0.526291	36.204164	0.450996
0.000486	0.080300	24.515305	
1.00000	0.526291	36.204164	0.450996
0.000486	0.324500	15.296939	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-4.928129	-3.567719	-0.581615
-0.000190	-0.650065	-6.738070	
0.57747	-4.928129	-3.567719	-0.581615
-0.000190	-0.405952	-6.346263	
0.71831	-4.928129	-3.567719	-0.581615
-0.000190	-0.161845	-6.864448	
0.85916	-4.928129	-3.567719	-0.581615
-0.000190	-0.064323	-8.459208	
1.00000	-4.928129	-3.567719	-0.581615
-0.000190	-0.254543	-11.819906	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.056550	80.024531	0.597995
0.004423	0.646487	208.009779	
0.57747	4.056550	80.024531	0.597995
0.004423	0.396720	177.206224	
0.71831	4.056550	80.024531	0.597995
0.004423	0.146908	155.687032	
0.85916	4.056550	80.024531	0.597995
0.004423	0.142321	146.487391	
1.00000	4.056550	80.024531	0.597995
0.004423	0.512802	140.892630	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.207606	-52.842092	-0.882681
-0.004232	-0.966670	-26.417450	
0.57747	-7.207606	-52.842092	-0.882681
-0.004232	-0.596093	-7.524289	
0.71831	-7.207606	-52.842092	-0.882681
-0.004232	-0.243190	-6.634171	
0.85916	-7.207606	-52.842092	-0.882681
-0.004232	-0.105577	-8.430131	
1.00000	-7.207606	-52.842092	-0.882681
-0.004232	-0.356848	-12.084574	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	4.007260	89.612902	1.080381
0.004561	1.186005	186.662478	
0.57747	4.007260	89.612902	1.080381
0.004561	0.733878	159.645164	
0.71831	4.007260	89.612902	1.080381
0.004561	0.295204	141.935124	
0.85916	4.007260	89.612902	1.080381
0.004561	0.223406	137.196054	
1.00000	4.007260	89.612902	1.080381
0.004561	0.841707	135.193715	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.907044	-55.053996	-1.471939
-0.003815	-1.625086	-38.651311	
0.57747	-9.907044	-55.053996	-1.471939
-0.003815	-1.006998	-26.888502	
0.71831	-9.907044	-55.053996	-1.471939
-0.003815	-0.404911	-32.219428	
0.85916	-9.907044	-55.053996	-1.471939
-0.003815	-0.172397	-41.260153	
1.00000	-9.907044	-55.053996	-1.471939
-0.003815	-0.626266	-51.587640	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.354570	81.071289	1.067043
0.003050	1.176845	160.882007	
0.57747	8.354570	81.071289	1.067043
0.003050	0.729827	135.858992	
0.71831	8.354570	81.071289	1.067043
0.003050	0.291168	117.812558	
0.85916	8.354570	81.071289	1.067043
0.003050	0.219801	111.330584	
1.00000	8.354570	81.071289	1.067043
0.003050	0.842751	123.300170	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.644125	-93.964129	-1.484632
-0.002928	-1.645148	-102.951766	
0.57747	-8.644125	-93.964129	-1.484632
-0.002928	-1.021728	-72.960042	
0.71831	-8.644125	-93.964129	-1.484632
-0.002928	-0.408213	-54.505554	
0.85916	-8.644125	-93.964129	-1.484632
-0.002928	-0.164597	-41.132582	
1.00000	-8.644125	-93.964129	-1.484632
-0.002928	-0.612359	-48.877940	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.205638	12.136364	0.344777
4.21E-06	0.382113	12.917715	
0.57747	8.205638	12.136364	0.344777
4.21E-06	0.237515	8.128584	
0.71831	8.205638	12.136364	0.344777
4.21E-06	0.092931	4.932402	
0.85916	8.205638	12.136364	0.344777
4.21E-06	0.069516	4.281121	
1.00000	8.205638	12.136364	0.344777
4.21E-06	0.271501	4.010882	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.643027	-70.941519	-0.482654
-0.000916	-0.337338	-132.585932	
0.57747	-0.643027	-70.941519	-0.482654
-0.000916	-0.334906	-103.045217	
0.71831	-0.643027	-70.941519	-0.482654
-0.000916	-0.132364	-74.994148	
0.85916	-0.643027	-70.941519	-0.482654
-0.000916	-0.051161	-48.565830	
1.00000	-0.643027	-70.941519	-0.482654
-0.000916	-0.195686	-22.280028	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	14.316312	35.897859	0.451174
0.005742	0.473091	94.971512	
0.57747	14.316312	35.897859	0.451174
0.005742	0.285292	83.576057	
0.71831	14.316312	35.897859	0.451174
0.005742	0.119464	86.533388	
0.85916	14.316312	35.897859	0.451174
0.005742	0.132646	107.865059	
1.00000	14.316312	35.897859	0.451174
0.005742	0.436063	130.643397	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.716075	-154.043670	-0.725514
-0.006972	-0.781029	-172.081772	
0.57747	-1.716075	-154.043670	-0.725514
-0.006972	-0.476795	-110.792455	
0.71831	-1.716075	-154.043670	-0.725514
-0.006972	-0.197012	-75.562557	
0.85916	-1.716075	-154.043670	-0.725514
-0.006972	-0.095253	-44.663528	
1.00000	-1.716075	-154.043670	-0.725514
-0.006972	-0.284292	-16.657070	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	12.334146	72.271631	0.719787
0.004311	0.779999	181.423382	
0.57747	12.334146	72.271631	0.719787
0.004311	0.478934	153.979526	
0.71831	12.334146	72.271631	0.719787
0.004311	0.193583	137.162768	
0.85916	12.334146	72.271631	0.719787
0.004311	0.173323	134.055012	
1.00000	12.334146	72.271631	0.719787
0.004311	0.627364	132.280546	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.611703	-128.170738	-1.083757
-0.005205	-1.188333	-154.124557	
0.57747	-5.611703	-128.170738	-1.083757
-0.005205	-0.733860	-102.874904	
0.71831	-5.611703	-128.170738	-1.083757
-0.005205	-0.297336	-70.644076	
0.85916	-5.611703	-128.170738	-1.083757
-0.005205	-0.130075	-41.930121	
1.00000	-5.611703	-128.170738	-1.083757
-0.005205	-0.427067	-15.948288	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.621028	78.178225	1.030457
0.004050	1.129636	158.862728	
0.57747	10.621028	78.178225	1.030457
0.004050	0.698220	132.880478	
0.71831	10.621028	78.178225	1.030457
0.004050	0.279830	117.033512	
0.85916	10.621028	78.178225	1.030457
0.004050	0.218918	114.334466	
1.00000	10.621028	78.178225	1.030457
0.004050	0.821815	114.869115	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-7.941273	-111.728075	-1.436943
-0.004358	-1.586085	-136.242581	
0.57747	-7.941273	-111.728075	-1.436943
-0.004358	-0.983349	-96.802842	
0.71831	-7.941273	-111.728075	-1.436943
-0.004358	-0.395177	-74.342687	
0.85916	-7.941273	-111.728075	-1.436943
-0.004358	-0.166018	-56.180331	
1.00000	-7.941273	-111.728075	-1.436943
-0.004358	-0.598687	-41.412118	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	15.373991	91.791027	0.912055
0.005713	1.017354	204.633767	
0.57747	15.373991	91.791027	0.912055
0.005713	0.634877	171.143226	
0.71831	15.373991	91.791027	0.912055
0.005713	0.252374	147.874147	
0.85916	15.373991	91.791027	0.912055
0.005713	0.180778	139.233921	
1.00000	15.373991	91.791027	0.912055
0.005713	0.666687	134.329829	

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -11.410127 -160.319237 -1.182839
-0.007023 -1.319134 -174.780782
0.57747 -11.410127 -160.319237 -1.182839
-0.007023 -0.823129 -115.434131
0.71831 -11.410127 -160.319237 -1.182839
-0.007023 -0.327076 -76.097306
0.85916 -11.410127 -160.319237 -1.182839
-0.007023 -0.139504 -56.445437
1.00000 -11.410127 -160.319237 -1.182839
-0.007023 -0.071525 -68.368292
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3498

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 14.316312 91.089760 1.261950
0.005742 1.406430 208.009779
0.57747 14.316312 91.089760 1.261950
0.005742 0.877487 177.206224
0.71831 14.316312 91.089760 1.261950
0.005742 0.347214 155.687032
0.85916 14.316312 91.089760 1.261950
0.005742 0.237098 146.487391
1.00000 14.316312 91.089760 1.261950
0.005742 0.931871 140.892630

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -10.928069 -154.043670 -1.664061
-0.006972 -1.855774 -172.081772
0.57747 -10.928069 -154.043670 -1.664061
-0.006972 -1.157091 -110.792455
0.71831 -10.928069 -154.043670 -1.664061
-0.006972 -0.458127 -75.562557
0.85916 -10.928069 -154.043670 -1.664061
-0.006972 -0.179422 -64.500655
1.00000 -10.928069 -154.043670 -1.664061
-0.006972 -0.709756 -79.570864

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 15.373991 91.791027 1.261950
0.005742 1.406430 208.009779
0.57747 15.373991 91.791027 1.261950
0.005742 0.877487 177.206224
0.71831 15.373991 91.791027 1.261950
0.005742 0.347214 155.687032
0.85916 15.373991 91.791027 1.261950
0.005742 0.237098 146.487391
1.00000 15.373991 91.791027 1.261950
0.005742 0.931871 140.892630

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -11.410127 -160.319237 -1.664061
-0.007023 -1.855774 -174.780782
0.57747 -11.410127 -160.319237 -1.664061
-0.007023 -1.157091 -115.434131
0.71831 -11.410127 -160.319237 -1.664061
-0.007023 -0.458127 -76.097306
0.85916 -11.410127 -160.319237 -1.664061
-0.007023 -0.179422 -64.500655
1.00000 -11.410127 -160.319237 -1.664061
-0.007023 -0.709756 -79.570864

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 15.373991 91.791027 1.261950
0.005742 1.406430 208.009779
0.57747 15.373991 91.791027 1.261950
0.005742 0.877487 177.206224
0.71831 15.373991 91.791027 1.261950
0.005742 0.347214 155.687032
0.85916 15.373991 91.791027 1.261950
0.005742 0.237098 146.487391
1.00000 15.373991 91.791027 1.261950
0.005742 0.931871 140.892630

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43662 -11.410127 -160.319237 -1.664061
-0.007023 -1.855774 -174.780782
0.57747 -11.410127 -160.319237 -1.664061
-0.007023 -1.157091 -115.434131
0.71831 -11.410127 -160.319237 -1.664061
-0.007023 -0.458127 -76.097306
0.85916 -11.410127 -160.319237 -1.664061
-0.007023 -0.179422 -64.500655
1.00000 -11.410127 -160.319237 -1.664061
-0.007023 -0.709756 -79.570864
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3499

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 331 ========== LENGTH = 2.977407

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.511166 15.460062 0.513181
0.000528 0.288214 8.417043
0.14084 0.511166 15.460062 0.513181
0.000528 0.072968 11.519815
0.28169 0.511166 15.460062 0.513181
0.000528 0.163159 14.672287
0.42253 0.511166 15.460062 0.513181
0.000528 0.420542 17.891974
0.56338 0.511166 15.460062 0.513181
0.000528 0.671948 21.118993

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.030639 -7.722987 -0.599546
-6.81E-06 -0.333811 -47.728619
0.14084 -4.030639 -7.722987 -0.599546
-6.81E-06 -0.082416 -53.979693
0.28169 -4.030639 -7.722987 -0.599546
-6.81E-06 -0.142218 -60.285135
0.42253 -4.030639 -7.722987 -0.599546
-6.81E-06 -0.357401 -66.599119
0.56338 -4.030639 -7.722987 -0.599546
-6.81E-06 -0.572601 -72.942199

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.876971 40.940882 0.844085
0.001155 0.474689 15.072646
0.14084 0.876971 40.940882 0.844085
0.001155 0.120665 17.994303
0.28169 0.876971 40.940882 0.844085
0.001155 0.284575 21.353749
0.42253 0.876971 40.940882 0.844085
0.001155 0.708410 25.326188
0.56338 0.876971 40.940882 0.844085
0.001155 1.132986 29.961721

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.161167 -11.449702 -1.012517
-0.000185 -0.565486 -68.393998
0.14084 -8.161167 -11.449702 -1.012517
-0.000185 -0.141010 -82.851744
0.28169 -8.161167 -11.449702 -1.012517
-0.000185 -0.233965 -97.546344
0.42253 -8.161167 -11.449702 -1.012517
-0.000185 -0.587348 -112.635415
0.56338 -8.161167 -11.449702 -1.012517
-0.000185 -0.941221 -128.791039

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.030846 90.697688 0.913696
0.001285 0.513038 59.619086
0.14084 1.030846 90.697688 0.913696
0.001285 0.129782 43.849380
0.28169 1.030846 90.697688 0.913696
0.001285 0.323260 42.285610
0.42253 1.030846 90.697688 0.913696
0.001285 0.804868 44.150056
0.56338 1.030846 90.697688 0.913696
0.001285 1.286646 47.021976

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.270718 -10.483713 -1.148829
-0.000213 -0.640651 -60.912399
0.14084 -11.270718 -10.483713 -1.148829
-0.000213 -0.159038 -70.472783
0.28169 -11.270718 -10.483713 -1.148829
-0.000213 -0.253317 -84.116143
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3500

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42253 -11.270718 -10.483713 -1.148829
-0.000213 -0.636510 -120.223908
0.56338 -11.270718 -10.483713 -1.148829
-0.000213 -1.019677 -157.918801

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.245490 115.485027 0.876418
0.004515 0.507741 128.985644
0.14084 5.245490 115.485027 0.876418
0.004515 0.140454 117.781131
0.28169 5.245490 115.485027 0.876418
0.004515 0.317084 118.085847
0.42253 5.245490 115.485027 0.876418
0.004515 0.778283 130.062658
0.56338 5.245490 115.485027 0.876418
0.004515 1.252646 150.465869

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.546295 -55.126875 -1.131833
-0.003926 -0.646982 -53.519447
0.14084 -11.546295 -55.126875 -1.131833
-0.003926 -0.172460 -62.967235
0.28169 -11.546295 -55.126875 -1.131833
-0.003926 -0.240969 -75.414929
0.42253 -11.546295 -55.126875 -1.131833
-0.003926 -0.597267 -107.427621
0.56338 -11.546295 -55.126875 -1.131833
-0.003926 -0.962938 -147.947616

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.529205 37.971137 0.323105
0.000518 0.181360 13.501669
0.14084 0.529205 37.971137 0.323105
0.000518 0.045779 9.911224
0.28169 0.529205 37.971137 0.323105
0.000518 0.117047 9.354627
0.42253 0.529205 37.971137 0.323105
0.000518 0.292621 9.574000
0.56338 0.529205 37.971137 0.323105
0.000518 0.468258 10.013607

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.993605 -3.028187 -0.418895
-8.83E-06 -0.234546 -12.133132
0.14084 -4.993605 -3.028187 -0.418895
-8.83E-06 -0.058945 -15.659853
0.28169 -4.993605 -3.028187 -0.418895
-8.83E-06 -0.089675 -30.238848
0.42253 -4.993605 -3.028187 -0.418895
-8.83E-06 -0.225148 -45.370599
0.56338 -4.993605 -3.028187 -0.418895
-8.83E-06 -0.360645 -61.032996

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.387674 132.152690 0.438244
0.005513 0.266742 134.587182
0.14084 1.387674 132.152690 0.438244
0.005513 0.083353 92.796465
0.28169 1.387674 132.152690 0.438244
0.005513 0.177714 66.218685
0.42253 1.387674 132.152690 0.438244
0.005513 0.426250 55.389663
0.56338 1.387674 132.152690 0.438244
0.005513 0.692774 55.936674

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.220952 -9.999536 -0.636454
-0.005017 -0.376292 -12.263852
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3501

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14084 -10.220952 -9.999536 -0.636454
-0.005017 -0.109473 -15.664154
0.28169 -10.220952 -9.999536 -0.636454
-0.005017 -0.119506 -24.081871
0.42253 -10.220952 -9.999536 -0.636454
-0.005017 -0.287909 -56.304823
0.56338 -10.220952 -9.999536 -0.636454
-0.005017 -0.469146 -101.098008

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.641512 132.814754 0.788650
0.005395 0.461480 126.378580
0.14084 1.641512 132.814754 0.788650
0.005395 0.131045 91.053689
0.28169 1.641512 132.814754 0.788650
0.005395 0.291708 69.393197
0.42253 1.641512 132.814754 0.788650
0.005395 0.711523 61.923864
0.56338 1.641512 132.814754 0.788650
0.005395 1.147589 64.710909

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.535883 -14.485573 -1.040682
-0.004534 -0.599523 -45.961173
0.14084 -12.535883 -14.485573 -1.040682
-0.004534 -0.163175 -54.509281
0.28169 -12.535883 -14.485573 -1.040682
-0.004534 -0.216839 -67.976641
0.42253 -12.535883 -14.485573 -1.040682
-0.004534 0.533677 -102.724022
0.56338 -12.535883 -14.485573 -1.040682
-0.004534 -0.862104 -148.766394

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.547450 108.259558 0.831390
0.003744 0.479840 113.378633
0.14084 7.547450 108.259558 0.831390
0.003744 0.131349 112.309741
0.28169 7.547450 108.259558 0.831390
0.003744 0.301606 123.157280
0.42253 7.547450 108.259558 0.831390
0.003744 0.743513 144.076992
0.56338 7.547450 108.259558 0.831390
0.003744 1.196037 171.909943

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.503390 -72.203875 -1.079650
-0.003556 -0.615988 -42.547160
0.14084 -10.503390 -72.203875 -1.079650
-0.003556 -0.163577 -51.603584
0.28169 -10.503390 -72.203875 -1.079650
-0.003556 -0.228526 -64.554750
0.42253 -10.503390 -72.203875 -1.079650
-0.003556 -0.568074 -95.791679
0.56338 -10.503390 -72.203875 -1.079650
-0.003556 -0.915212 -134.767897

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.109754 9.939402 0.328526
0.000134 0.185514 3.160035
0.14084 9.109754 9.939402 0.328526
0.000134 0.047738 20.868208
0.28169 9.109754 9.939402 0.328526
0.000134 0.108498 51.546333
0.42253 9.109754 9.939402 0.328526
0.000134 0.273835 82.443676
0.56338 9.109754 9.939402 0.328526
0.000134 0.439207 113.425737
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3502

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.734000 -74.024588 -0.394354
-0.001033 -0.222281 -11.790228
0.14084 -0.734000 -74.024588 -0.394354
-0.001033 -0.056827 -11.251928
0.28169 -0.734000 -74.024588 -0.394354
-0.001033 -0.090048 -14.580201
0.42253 -0.734000 -74.024588 -0.394354
-0.001033 -0.227795 -18.147416
0.56338 -0.734000 -74.024588 -0.394354
-0.001033 -0.365559 -22.148314

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.632756 92.145696 0.430945
0.005895 0.268391 120.271979
0.14084 11.632756 92.145696 0.430945
0.005895 0.098243 122.047157
0.28169 11.632756 92.145696 0.430945
0.005895 0.160738 130.879970
0.42253 11.632756 92.145696 0.430945
0.005895 0.383192 156.404474
0.56338 11.632756 92.145696 0.430945
0.005895 0.627502 195.079328

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.071169 -99.594346 -0.583637
-0.007008 -0.353074 -10.045566
0.14084 -5.071169 -99.594346 -0.583637
-0.007008 -0.108305 -14.644839
0.28169 -5.071169 -99.594346 -0.583637
-0.007008 -0.115797 -19.330249
0.42253 -5.071169 -99.594346 -0.583637
-0.007008 -0.277723 -26.701632
0.56338 -5.071169 -99.594346 -0.583637
-0.007008 -0.455358 -51.733041

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.647186 116.629648 0.610691
0.004513 0.361264 116.149700
0.14084 10.647186 116.629648 0.610691
0.004513 0.105496 113.340241
0.28169 10.647186 116.629648 0.610691
0.004513 0.229600 125.001214
0.42253 10.647186 116.629648 0.610691
0.004513 0.561525 150.021366
0.56338 10.647186 116.629648 0.610691
0.004513 0.908461 184.594608

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.432373 -89.917664 -0.828078
-0.005177 -0.481806 -11.424263
0.14084 -8.432373 -89.917664 -0.828078
-0.005177 -0.134486 -15.046874
0.28169 -8.432373 -89.917664 -0.828078
-0.005177 -0.166535 -23.894934
0.42253 -8.432373 -89.917664 -0.828078
-0.005177 -0.409786 -53.918221
0.56338 -8.432373 -89.917664 -0.828078
-0.005177 -0.663759 -94.088299

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.240218 111.930257 0.818811
0.004104 0.474896 99.686813
0.14084 9.240218 111.930257 0.818811
0.004104 0.131769 99.017622
0.28169 9.240218 111.930257 0.818811
0.004104 0.296786 110.415688
0.42253 9.240218 111.930257 0.818811
0.004104 0.730991 132.939925
0.56338 9.240218 111.930257 0.818811
0.004104 1.177665 163.376798
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3503

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.078762 -78.853432 -1.065775
-0.004289 -0.611123 -34.763078
0.14084 -10.078762 -78.853432 -1.065775
-0.004289 -0.164159 -43.559634
0.28169 -10.078762 -78.853432 -1.065775
-0.004289 -0.224758 -56.232752
0.42253 -10.078762 -78.853432 -1.065775
-0.004289 -0.557505 -86.899692
0.56338 -10.078762 -78.853432 -1.065775
-0.004289 -0.899124 -126.404696

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.677883 19.458177 0.712573
0.000505 0.401313 12.892927
0.14084 0.677883 19.458177 0.712573
0.000505 0.101915 17.090051
0.28169 0.677883 19.458177 0.712573
0.000505 0.239841 21.320145
0.42253 0.677883 19.458177 0.712573
0.000505 0.602207 25.585068
0.56338 0.677883 19.458177 0.712573
0.000505 0.964124 29.861627

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.097952 -10.222314 -0.861759
-3.98E-06 -0.479799 -57.287577
0.14084 -4.097952 -10.222314 -0.861759
-3.98E-06 -0.117650 -65.228097
0.28169 -4.097952 -10.222314 -0.861759
-3.98E-06 -0.196013 -73.243809
0.42253 -4.097952 -10.222314 -0.861759
-3.98E-06 -0.495221 -81.298170
0.56338 -4.097952 -10.222314 -0.861759
-3.98E-06 -0.793907 -89.377092

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.063035 46.103900 1.167228
0.001024 0.656657 19.636722
0.14084 1.063035 46.103900 1.167228
0.001024 0.166160 24.302346
0.28169 1.063035 46.103900 1.167228
0.001024 0.400707 29.552191
0.42253 1.063035 46.103900 1.167228
0.001024 1.007662 35.220814
0.56338 1.063035 46.103900 1.167228
0.001024 1.614504 41.158805

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.317337 -14.785257 -1.445471
-0.000112 -0.807837 -79.607932
0.14084 -8.317337 -14.785257 -1.445471
-0.000112 -0.200062 -96.199242
0.28169 -8.317337 -14.785257 -1.445471
-0.000112 -0.322576 -113.318595
0.42253 -8.317337 -14.785257 -1.445471
-0.000112 -0.812289 -131.424590
0.56338 -8.317337 -14.785257 -1.445471
-0.000112 -1.301410 -150.205945

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.214445 90.094882 1.264698
0.001159 0.710054 76.109507
0.14084 1.214445 90.094882 1.264698
0.001159 0.178857 61.404900
0.28169 1.214445 90.094882 1.264698
0.001159 0.457041 53.587180
0.42253 1.214445 90.094882 1.264698
0.001159 1.148739 54.021249
0.56338 1.214445 90.094882 1.264698
0.001159 1.840350 57.224799
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3504

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.813913 -14.293826 -1.647185
-0.000209 -0.918872 -70.577556
0.14084 -10.813913 -14.293826 -1.647185
-0.000209 -0.226782 -82.951022
0.28169 -10.813913 -14.293826 -1.647185
-0.000209 -0.348886 -96.316721
0.42253 -10.813913 -14.293826 -1.647185
-0.000209 -0.880298 -131.936452
0.56338 -10.813913 -14.293826 -1.647185
-0.000209 -1.410643 -167.284169

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.126237 107.952903 1.166088
0.003626 0.669181 139.304668
0.14084 5.126237 107.952903 1.166088
0.003626 0.179664 132.401417
0.28169 5.126237 107.952903 1.166088
0.003626 0.437755 131.225533
0.42253 5.126237 107.952903 1.166088
0.003626 1.091528 143.255870
0.56338 5.126237 107.952903 1.166088
0.003626 1.756476 162.776139

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.778771 -56.510443 -1.583862
-0.003097 -0.897694 -62.400224
0.14084 -10.778771 -56.510443 -1.583862
-0.003097 -0.232342 -74.556466
0.28169 -10.778771 -56.510443 -1.583862
-0.003097 -0.319235 -90.116882
0.42253 -10.778771 -56.510443 -1.583862
-0.003097 -0.798951 -119.182284
0.56338 -10.778771 -56.510443 -1.583862
-0.003097 -1.286607 -158.834734

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.532554 35.870375 0.443175
0.000448 0.248136 15.292495
0.14084 0.532554 35.870375 0.443175
0.000448 0.061864 9.684079
0.28169 0.532554 35.870375 0.443175
0.000448 0.163196 9.212141
0.42253 0.532554 35.870375 0.443175
0.000448 0.411889 9.698668
0.56338 0.532554 35.870375 0.443175
0.000448 0.660434 10.505327

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.900405 -3.454354 -0.592335
-4.97E-06 -0.332182 -11.827027
0.14084 -4.900405 -3.454354 -0.592335
-4.97E-06 -0.083472 -17.392190
0.28169 -4.900405 -3.454354 -0.592335
-4.97E-06 -0.123124 -30.051190
0.42253 -4.900405 -3.454354 -0.592335
-4.97E-06 -0.309313 -44.136912
0.56338 -4.900405 -3.454354 -0.592335
-4.97E-06 -0.495120 -58.622137

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.464860	118.683654	0.594122
0.004721	0.353000	140.904071	
0.14084	1.464860	118.683654	0.594122
0.004721	0.103686	102.680998	
0.28169	1.464860	118.683654	0.594122
0.004721	0.244397	72.096727	
0.42253	1.464860	118.683654	0.594122
0.004721	0.600285	60.277777	
0.56338	1.464860	118.683654	0.594122
0.004721	0.973540	59.228626	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3505

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.360412	-10.965037	-0.889328
-0.004335	-0.517027	-12.086532	
0.14084	-9.360412	-10.965037	-0.889328
-0.004335	-0.143809	-16.021517	
0.28169	-9.360412	-10.965037	-0.889328
-0.004335	-0.161928	-25.433197	
0.42253	-9.360412	-10.965037	-0.889328
-0.004335	-0.396376	-51.913635	
0.56338	-9.360412	-10.965037	-0.889328
-0.004335	-0.643551	-93.892582	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.663988	124.417007	1.078466
0.004664	0.623156	135.217574	
0.14084	1.663988	124.417007	1.078466
0.004664	0.170458	103.660990	
0.28169	1.663988	124.417007	1.078466
0.004664	0.404979	79.061651	
0.42253	1.663988	124.417007	1.078466
0.004664	1.005286	71.448318	
0.56338	1.663988	124.417007	1.078466
0.004664	1.620950	73.550534	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.830079	-17.053001	-1.466823
-0.003923	-0.837374	-51.604680	
0.14084	-11.830079	-17.053001	-1.466823
-0.003923	-0.221228	-62.138707	
0.28169	-11.830079	-17.053001	-1.466823
-0.003923	-0.296261	-77.962771	
0.42253	-11.830079	-17.053001	-1.466823
-0.003923	-0.735080	-108.993118	
0.56338	-11.830079	-17.053001	-1.466823
-0.003923	-1.185537	-154.025786	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.002199	101.894756	1.068138
0.003046	0.611583	123.281613	
0.14084	7.002199	101.894756	1.068138
0.003046	0.163250	124.874579	
0.28169	7.002199	101.894756	1.068138
0.003046	0.332396	132.339077	
0.42253	7.002199	101.894756	1.068138
0.003046	1.024189	152.211711	
0.56338	7.002199	101.894756	1.068138
0.003046	1.648147	178.542275	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.776458	-71.715092	-1.486197
-0.002902	-0.842314	-48.883073	
0.14084	-9.776458	-71.715092	-1.486197
-0.002902	-0.218430	-60.184821	
0.28169	-9.776458	-71.715092	-1.486197
-0.002902	-0.292666	-75.784786	
0.42253	-9.776458	-71.715092	-1.486197
-0.002902	-0.732640	-104.533385	
0.56338	-9.776458	-71.715092	-1.486197
-0.002902	-1.179504	-142.331828	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.264685	12.222050	0.338054
1.35E-05	0.191138	4.004465	
0.14084	8.264685	12.222050	0.338054
1.35E-05	0.749576	20.794321	
0.28169	8.264685	12.222050	0.338054
1.35E-05	0.133824	49.813117	
0.42253	8.264685	12.222050	0.338054
1.35E-05	0.338393	79.247873	
0.56338	8.264685	12.222050	0.338054
1.35E-05	0.542814	108.919601	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3506

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.636731	-71.503654	-0.488032
-0.000946	-0.275248	-22.302155	
0.14084	-0.636731	-71.503654	-0.488032
-0.000946	-0.071009	-17.201759	
0.28169	-0.636731	-71.503654	-0.488032
-0.000946	-0.061952	-21.160635	
0.42253	-0.636731	-71.503654	-0.488032
-0.000946	-0.233667	-25.669748	
0.56338	-0.636731	-71.503654	-0.488032
-0.000946	-0.375527	-30.564100	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.689028	91.799011	0.451019
0.005855	0.284173	130.675948	
0.14084	10.689028	91.799011	0.451019
0.005855	0.095578	131.521945	
0.28169	10.689028	91.799011	0.451019
0.005855	0.198400	138.302666	
0.42253	10.689028	91.799011	0.451019
0.005855	0.480713	160.455047	
0.56338	10.689028	91.799011	0.451019
0.005855	0.787092	195.178173	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.851948	-95.401006	-0.730773
-0.006881	-0.439217	-16.653569	
0.14084	-4.851948	-95.401006	-0.730773
-0.006881	-0.133360	-22.425874	
0.28169	-4.851948	-95.401006	-0.730773
-0.006881	-0.118915	-26.395722	
0.42253	-4.851948	-95.401006	-0.730773
-0.006881	-0.286539	-35.438143	
0.56338	-4.851948	-95.401006	-0.730773
-0.006881	-0.472730	-65.161291	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.744996	112.149031	0.713719
0.004600	0.422609	132.287563	
0.14084	9.744996	112.149031	0.713719
0.004600	0.123128	125.941701	
0.28169	9.744996	112.149031	0.713719
0.004600	0.299240	128.666845	
0.42253	9.744996	112.149031	0.713719
0.004600	0.739793	149.236428	
0.56338	9.744996	112.149031	0.713719
0.004600	1.198330	180.173905	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.826480	-86.002362	-1.092615
-0.005262	-0.633148	-15.954555	
0.14084	-7.826480	-86.002362	-1.092615
-0.005262	-0.175260	-19.431441	
0.28169	-7.826480	-86.002362	-1.092615
-0.005262	-0.192792	-30.323090	
0.42253	-7.826480	-86.002362	-1.092615
-0.005262	-0.476949	-54.855508	
0.56338	-7.826480	-86.002362	-1.092615
-0.005262	-0.774401	-94.556139	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.477984	111.048736	1.021634
0.004163	0.591508	114.884894	
0.14084	8.477984	111.048736	1.021634
0.004163	0.162726	111.841870	
0.28169	8.477984	111.048736	1.021634
0.004163	0.396751	116.235027	
0.42253	8.477984	111.048736	1.021634
0.004163	0.987683	135.443355	
0.56338	8.477984	111.048736	1.021634
0.004163	1.593269	163.297412	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3507

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.760141	-76.670118	-1.443085
-0.004370	-0.825771	-41.427516	
0.14084	-9.760141	-76.670118	-1.443085
-0.004370	-0.220161	-51.220353	
0.28169	-9.760141	-76.670118	-1.443085
-0.004370	-0.279233	-66.980083	
0.42253	-9.760141	-76.670118	-1.443085
-0.004370	-0.695114	-94.485204	
0.56338	-9.760141	-76.670118	-1.443085
-0.004370	-1.122009	-134.756641	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.632756	132.814754	0.913696
0.005895	0.513038	134.581782	
0.14084	11.632756	132.814754	0.913696
0.005895	0.140454	122.047157	
0.28169	11.632756	132.814754	0.913696
0.005895	0.323260	130.879970	
0.42253	11.632756	132.814754	0.913696
0.005895	0.804868	156.404474	
0.56338	11.632756	132.814754	0.913696
0.005895	1.286646	195.079328	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.535883	-99.594346	-1.148829
-0.007008	-0.646982	-68.393998	
0.14084	-12.535883	-99.594346	-1.148829
-0.007008	-0.172460	-82.851744	
0.28169	-12.535883	-99.594346	-1.148829
-0.007008	-0.253317	-97.546344	
0.42253	-12.535883	-99.594346	-1.148829
-0.007008	-0.653510	-120.223908	
0.56338	-12.535883	-99.594346	-1.148829
-0.007008	-1.019677	-157.918801	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.689028	124.417007	1.264698
0.005855	0.710054	140.904071	
0.14084	10.689028	124.417007	1.264698
0.005855	0.179664	132.401417	
0.28169	10.689028	124.417007	1.264698
0.005855	0.457041	138.302666	
0.42253	10.689028	124.417007	1.264698
0.005855	1.148739	160.455047	
0.56338	10.689028	124.417007	1.264698
0.005855	1.840350	195.178173	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.830079	-95.401006	-1.647185
-0.006881	-0.918872	-79.607932	
0.14084	-11.830079	-95.401006	-1.647185
-0.006881	-0.232342	-96.199242	
0.28169	-11.830079	-95.401006	-1.647185
-0.006881	-0.348986	-113.318595	
0.42253	-11.830079	-95.401006	-1.647185
-0.006881	-0.880298	-131.936452	
0.56338	-11.830079	-95.401006	-1.647185
-0.006881	-1.410643	-167.284169	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.632756	132.814754	1.264698
0.005895	0.710054	140.904071	
0.14084	11.632756	132.814754	1.264698
0.005895	0.179664	132.401417	
0.28169	11.632756	132.814754	1.264698
0.005895	0.457041	138.302666	
0.42253	11.632756	132.814754	1.264698
0.005895	1.148739	160.455047	
0.56338	11.632756	132.814754	1.264698
0.005895	1.840350	195.178173	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3508

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.535883	-99.594346	-1.647185
-0.007008	-0.918872	-79.607932	
0.14084	-12.535883	-99.594346	-1.647185
-0.007008	-0.232342	-96.199242	
0.28169	-12.535883	-99.594346	-1.647185
-0.007008	-0.348986	-113.318595	
0.42253	-12.535883	-99.594346	-1.647185
-0.007008	-0.880298	-131.936452	
0.56338	-12.535883	-99.594346	-1.647185
-0.007008	-1.410643	-167.284169	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.632756	132.814754	1.264698

0.005895	0.710054	140.904071	
0.14084	11.632756	132.814754	1.264698
0.005895	0.179664	132.401417	
0.28169	11.632756	132.814754	1.264698
0.005895	0.457041	138.302666	
0.42253	11.632756	132.814754	1.264698
0.005895	1.148739	160.455047	
0.56338	11.632756	132.814754	1.264698
0.005895	1.840350	195.178173	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.535883	-99.594346	-1.647185
-0.007008	-0.918872	-79.607932	
0.14084	-12.535883	-99.594346	-1.647185
-0.007008	-0.232342	-96.199242	
0.28169	-12.535883	-99.594346	-1.647185
-0.007008	-0.348986	-113.318595	
0.42253	-12.535883	-99.594346	-1.647185
-0.007008	-0.880298	-131.936452	
0.56338	-12.535883	-99.594346	-1.647185
-0.007008	-1.410643	-167.284169	

ELEM 332 ========== LENGTH = 2.977334

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.058496	18.202048	0.485590
0.000464	0.542325	1.892939	
0.57747	0.058496	18.202048	0.485590
0.000464	0.338701	2.307945	
0.71832	0.058496	18.202048	0.485590
0.000464	0.135104	2.927102	
0.85916	0.058496	18.202048	0.485590
0.000464	0.075037	4.410754	
1.00000	0.058496	18.202048	0.485590
0.000464	0.294055	6.051527	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-4.763085	-4.478944	-0.522302
-0.000164	-0.582057	-23.418485	
0.57747	-4.763085	-4.478944	-0.522302
-0.000164	-0.363044	-30.638471	
0.71832	-4.763085	-4.478944	-0.522302
-0.000164	-0.143032	-37.858343	
0.85916	-4.763085	-4.478944	-0.522302
-0.000164	-0.068508	-45.146117	
1.00000	-4.763085	-4.478944	-0.522302
-0.000164	-0.272172	-52.510352	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.638866	43.859656	0.799884
0.001091	0.892380	30.683645	
0.57747	0.638866	43.859656	0.799884
0.001091	0.556979	22.469614	
0.71832	0.638866	43.859656	0.799884
0.001091	0.222297	15.569766	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3509

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	0.638866	43.859656	0.799884
0.001091	0.126279	11.297355	
1.00000	0.638866	43.859656	0.799884
0.001091	0.493636	12.086700	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.665230	-8.230698	-0.876054
-0.000644	-0.976450	-27.031421	
0.57747	-8.665230	-8.230698	-0.876054
-0.000644	-0.603138	-35.861426	
0.71832	-8.665230	-8.230698	-0.876054
-0.000644	-0.241860	-46.469873	
0.85916	-8.665230	-8.230698	-0.876054
-0.000644	-0.113807	-59.367985	
1.00000	-8.665230	-8.230698	-0.876054
-0.000644	-0.449308	-73.379641	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.735450	95.584502	0.859052
0.000811	0.959078	175.273382	
0.57747	0.735450	95.584502	0.859052
0.000811	0.598827	144.437020	
0.71832	0.735450	95.584502	0.859052
0.000811	0.238606	114.305587	
0.85916	0.735450	95.584502	0.859052
0.000811	0.138395	85.871751	
1.00000	0.735450	95.584502	0.859052
0.000811	0.545286	60.409480	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-11.747418	-5.890385	-0.970487
-0.000437	-1.082411	-23.804853	
0.57747	-11.747418	-5.890385	-0.970487
-0.000437	-0.675427	-32.592852	
0.71832	-11.747418	-5.890385	-0.970487
-0.000437	-0.268494	-42.192137	
0.85916	-11.747418	-5.890385	-0.970487
-0.000437	-0.121257	-53.311716	
1.00000	-11.747418	-5.890385	-0.970487
-0.000437	-0.481878	-65.019348	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	7.357533	83.508411	0.871756
0.004336	0.958262	161.556762	
0.57747	7.357533	83.508411	0.871756
0.004336	0.593181	137.527461	
0.71832	7.357533	83.508411	0.871756
0.004336	0.241407	121.696186	
0.85916	7.357533	83.508411	0.871756
0.004336	0.152431	119.541336	
1.00000	7.357533	83.508411	0.871756
0.004336	0.555242	131.843676	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.033735	-89.509620	-0.960801
-0.004160	-1.068624	-81.002451	
0.57747	-10.033735	-89.509620	-0.960801
-0.004160	-0.666687	-57.723270	
0.71832	-10.033735	-89.509620	-0.960801
-0.004160	-0.265391	-47.181191	
0.85916	-10.033735	-89.509620	-0.960801
-0.004160	-0.138775	-45.697776	
1.00000	-10.033735	-89.509620	-0.960801
-0.004160	-0.504399	-56.196249	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.634012	39.745646	0.304259
0.000448	0.339500	71.060692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >

3510

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	0.634012	39.745646	0.304259
0.000448	0.211883	54.466149	
0.71832	0.634012	39.745646	0.304259
0.000448	0.084340	38.640037	
0.85916	0.634012	39.745646	0.304259
0.000448	0.050262	23.885859	
1.00000	0.634012	39.745646	0.304259
0.000448	0.198406	13.680644	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-4.765263	-1.446691	-0.353282
-0.000349	-0.394220	-3.273278	
0.57747	-4.765263	-1.446691	-0.353282
-0.000349	-0.246102	-3.339663	
0.71832	-4.765263	-1.446691	-0.353282
-0.000349	-0.097957	-4.388781	
0.85916	-4.765263	-1.446691	-0.353282
-0.000349	-0.043259	-7.443618	
1.00000	-4.765263	-1.446691	-0.353282
-0.000349	-0.170826	-11.270389	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	4.677987	86.923300	0.444527
0.005073	0.476006	210.550460	
0.57747	4.677987	86.923300	0.444527
0.005073	0.290250	177.177729	
0.71832	4.677987	86.923300	0.444527
0.005073	0.122719	153.557095	
0.85916	4.677987	86.923300	0.444527
0.005073	0.089387	144.740330	
1.00000	4.677987	86.923300	0.444527
0.005073	0.292728	139.288431	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-7.482424	-59.824510	-0.485195
-0.005060	-0.537923	-21.417334	
0.57747	-7.482424	-59.824510	-0.485195
-0.005060	-0.335776	-4.019221	
0.71832	-7.482424	-59.824510	-0.485195
-0.005060	-0.134511	-4.067604	
0.85916	-7.482424	-59.824510	-0.485195
-0.005060	-0.083752	-7.297441	
1.00000	-7.482424	-59.824510	-0.485195
-0.005060	-0.270206	-11.288990	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	4.431429	94.147972	0.772923
0.004951	0.844697	188.204330	
0.57747	4.431429	94.147972	0.772923
0.004951	0.521175	159.307377	
0.71832	4.431429	94.147972	0.772923
0.004951	0.214112	139.184646	
0.85916	4.431429	94.147972	0.772923
0.004951	0.139701	132.534441	
1.00000	4.431429	94.147972	0.772923
0.004951	0.492038	129.225764	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.393287	-57.065269	-0.842665
-0.004732	-0.936593	-30.031746	
0.57747	-10.393287	-57.065269	-0.842665
-0.004732	-0.584494	-21.410650	
0.71832	-10.393287	-57.065269	-0.842665
-0.004732	-0.233048	-28.383751	
0.85916	-10.393287	-57.065269	-0.842665
-0.004732	-0.128055	-37.893229	
1.00000	-10.393287	-57.065269	-0.842665
-0.004732	-0.452281	-47.963174	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3511

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.485941	81.128027	0.841528
0.003680	0.926715	158.861469	
0.57747	9.485941	81.128027	0.841528
0.003680	0.574228	133.842702	
0.71832	9.485941	81.128027	0.841528
0.003680	0.232524	115.086807	
0.85916	9.485941	81.128027	0.841528
0.003680	0.146532	107.394954	
1.00000	9.485941	81.128027	0.841528
0.003680	0.540790	117.176240	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.941728	-101.304293	-0.940201
-0.003669	-1.046257	-106.747248	
0.57747	-8.941728	-101.304293	-0.940201
-0.003669	-0.652756	-75.980071	
0.71832	-8.941728	-101.304293	-0.940201
-0.003669	-0.259776	-55.559582	
0.85916	-8.941728	-101.304293	-0.940201
-0.003669	-0.132117	-43.017962	
1.00000	-8.941728	-101.304293	-0.940201
-0.003669	-0.485159	-43.064285	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.393176	5.727609	0.376418
0.000373	0.418473	6.835658	
0.57747	9.393176	5.727609	0.376418
0.000373	0.260651	4.914947	
0.71832	9.393176	5.727609	0.376418
0.000373	0.102828	4.217677	
0.85916	9.393176	5.727609	0.376418
0.000373	0.060243	3.620680	
1.00000	9.393176	5.727609	0.376418
0.000373	0.236595	3.033744	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.363391	-77.302148	-0.420411
-0.000668	-0.468586	-140.140639	
0.57747	-0.363391	-77.302148	-0.420411
-0.000668	-0.292295	-107.767413	
0.71832	-0.363391	-77.302148	-0.420411
-0.000668	-0.115992	-75.419295	
0.85916	-0.363391	-77.302148	-0.420411
-0.000668	-0.055205	-43.082567	
1.00000	-0.363391	-77.302148	-0.420411
-0.000668	-0.212978	-10.758936	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	15.653052	29.851059	0.521628
0.006204	0.556231	84.198912	
0.57747	15.653052	29.851059	0.521628
0.006204	0.338302	75.980472	
0.71832	15.653052	29.851059	0.521628
0.006204	0.142568	79.513071	
0.85916	15.653052	29.851059	0.521628

```
 0.006204    0.103024  100.970978
 1.00000   15.653052   29.851059    0.521628
 0.006204    0.330617  122.647955

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -1.636298 -165.201557   -0.542986
-0.006589   -0.600688 -179.702876
 0.57747  -1.636298 -165.201557   -0.542986
-0.006589   -0.374636 -118.853741
 0.71832  -1.636298 -165.201557   -0.542986
-0.006589   -0.149538  -78.189771
 0.85916  -1.636298 -165.201557   -0.542986
-0.006589   -0.100800  -39.382799
 1.00000  -1.636298 -165.201557   -0.542986
-0.006589   -0.319484   -7.399605
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3512

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   13.637153   74.062763    0.668339
 0.004509    0.727675  182.313324
 0.57747   13.637153   74.062763    0.668339
 0.004509    0.447981  154.371015
 0.71832   13.637153   74.062763    0.668339
 0.004509    0.183482  134.535672
 0.85916   13.637153   74.062763    0.668339
 0.004509    0.122865  127.313546
 1.00000   13.637153   74.062763    0.668339
 0.004509    0.433750  121.498522

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -5.836291 -135.294989   -0.741448
-0.004843   -0.823946 -159.604273
 0.57747   -5.836291 -135.294989   -0.741448
-0.004843   -0.514191 -108.890290
 0.71832   -5.836291 -135.294989   -0.741448
-0.004843   -0.205012  -72.073461
 0.85916   -5.836291 -135.294989   -0.741448
-0.004843   -0.113664  -36.575941
 1.00000   -5.836291 -135.294989   -0.741448
-0.004843   -0.393870   -8.433332

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   11.706629   78.650127    0.849929
 0.004087    0.933598  160.301810
 0.57747   11.706629   78.650127    0.849929
 0.004087    0.577659  133.197903
 0.71832   11.706629   78.650127    0.849929
 0.004087    0.234292  114.570573
 0.85916   11.706629   78.650127    0.849929
 0.004087    0.148853  107.208378
 1.00000   11.706629   78.650127    0.849929
 0.004087    0.544282  103.310681

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -7.985081 -114.510043   -0.943056
-0.004212   -1.049151 -137.385206
 0.57747   -7.985081 -114.510043   -0.943056
-0.004212   -0.654655  -99.621431
 0.71832   -7.985081 -114.510043   -0.943056
-0.004212   -0.260635  -73.923958
 0.85916   -7.985081 -114.510043   -0.943056
-0.004212   -0.136056  -50.435432
 1.00000   -7.985081 -114.510043   -0.943056
-0.004212   -0.492441  -33.538557

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    0.102388   23.717772    0.623661
 0.000388    0.693075    2.165486
 0.57747    0.102388   23.717772    0.623661
 0.000388    0.434576    3.346742
 0.71832    0.102388   23.717772    0.623661
 0.000388    0.173284    5.735307
 0.85916    0.102388   23.717772    0.623661
 0.000388    0.088303    8.431117
 1.00000    0.102388   23.717772    0.623661
 0.000388    0.393037   11.247235

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -5.417706   -7.302453   -0.701899
-0.000148   -0.782720  -26.309565
 0.57747   -5.417706   -7.302453   -0.701899
-0.000148   -0.488105  -34.760077
 0.71832   -5.417706   -7.302453   -0.701899
-0.000148   -0.193212  -44.355720
 0.85916   -5.417706   -7.302453   -0.701899
-0.000148   -0.087955  -53.997476
 1.00000   -5.417706   -7.302453   -0.701899
-0.000148   -0.349258  -63.717681
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3513

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    0.708314   51.930371    1.031764
 0.000865    1.150923   32.870237
 0.57747    0.708314   51.930371    1.031764
 0.000865    0.718198   25.141175
 0.71832    0.708314   51.930371    1.031764
 0.000865    0.286368   19.621004
 0.85916    0.708314   51.930371    1.031764
 0.000865    0.160536   15.938150
 1.00000    0.708314   51.930371    1.031764
 0.000865    0.643434   17.879417

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -8.902795  -11.125100   -1.148705
-0.000511   -1.281385  -29.437344
 0.57747   -8.902795  -11.125100   -1.148705
-0.000511   -0.799416  -40.262856
 0.71832   -8.902795  -11.125100   -1.148705
-0.000511   -0.317182  -53.917237
 0.85916   -8.902795  -11.125100   -1.148705
-0.000511   -0.146071  -68.507843
 1.00000   -8.902795  -11.125100   -1.148705
-0.000511   -0.578461  -86.536183

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    0.895246   97.299561    1.119558
 0.000584    1.248905  179.047421
 0.57747    0.895246   97.299561    1.119558
 0.000584    0.779396  151.157553
 0.71832    0.895246   97.299561    1.119558
 0.000584    0.310116  124.994283
 0.85916    0.895246   97.299561    1.119558
 0.000584    0.176408  100.150262
 1.00000    0.895246   97.299561    1.119558
 0.000584    0.712066   79.265751

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -11.322567   -9.890687   -1.274228
-0.000404   -1.422207  -26.607431
 0.57747  -11.322567   -9.890687   -1.274228
-0.000404   -0.887313  -36.634853
 0.71832  -11.322567   -9.890687   -1.274228
-0.000404   -0.350654  -48.671907
 0.85916  -11.322567   -9.890687   -1.274228
-0.000404   -0.157778  -61.605789
 1.00000  -11.322567   -9.890687   -1.274228
-0.000404   -0.626057  -76.737443

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    6.562433   86.323972    1.126733
 0.003430    1.244166  169.228870
 0.57747    6.562433   86.323972    1.126733
 0.003430    0.771639  146.928269
 0.71832    6.562433   86.323972    1.126733
 0.003430    0.310579  133.508369
 0.85916    6.562433   86.323972    1.126733
 0.003430    0.192301  133.075854
 1.00000    6.562433   86.323972    1.126733
 0.003430    0.732730  145.121260

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -9.699176  -81.912108   -1.285794
-0.003311   -1.422249  -76.552059
 0.57747   -9.699176  -81.912108   -1.285794
-0.003311   -0.886214  -56.541386
 0.71832   -9.699176  -81.912108   -1.285794
-0.003311   -0.353121  -50.949973
 0.85916   -9.699176  -81.912108   -1.285794
-0.003311   -0.172326  -53.402349
 1.00000   -9.699176  -81.912108   -1.285794
-0.003311   -0.643807  -67.154541
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3514

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    0.680462   38.001423    0.397099
 0.000372    0.442993   70.524539
 0.57747    0.680462   38.001423    0.397099
 0.000372    0.276388   55.134674
 0.71832    0.680462   38.001423    0.397099
 0.000372    0.109968   40.276508
 0.85916    0.680462   38.001423    0.397099
 0.000372    0.060599   26.399655
 1.00000    0.680462   38.001423    0.397099
 0.000372    0.246159   16.409987

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -4.041981   -1.681363   -0.441338
-0.000285   -0.493255   -3.204297
 0.57747   -4.041981   -1.681363   -0.441338
-0.000285   -0.307932   -3.795071
 0.71832   -4.041981   -1.681363   -0.441338
-0.000285   -0.122434   -5.114826
 0.85916   -4.041981   -1.681363   -0.441338
-0.000285   -0.056027   -7.180957
 1.00000   -4.041981   -1.681363   -0.441338
-0.000285   -0.222355  -11.334822

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    4.167723   81.499707    0.564303
 0.004381    0.610102  216.625419
 0.57747    4.167723   81.499707    0.564303
 0.004381    0.373604  185.431693
 0.71832    4.167723   81.499707    0.564303
 0.004381    0.154151  163.900340
 0.85916    4.167723   81.499707    0.564303
 0.004381    0.108880  154.086946
 1.00000    4.167723   81.499707    0.564303
 0.004381    0.380962  147.928956

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -6.381826  -51.885532   -0.646894
-0.004384   -0.703496  -22.262451
 0.57747   -6.381826  -51.885532   -0.646894
-0.004384   -0.436998   -8.238666
 0.71832   -6.381826  -51.885532   -0.646894
-0.004384   -0.176359   -4.642974
 0.85916   -6.381826  -51.885532   -0.646894
-0.004384   -0.099919   -7.079399
 1.00000   -6.381826  -51.885532   -0.646894
-0.004384   -0.335078  -11.606869

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    3.969424   94.053812    0.989008
 0.004272    1.085698  193.352786
 0.57747    3.969424   94.053812    0.989008
 0.004272    0.671200  166.875736
 0.71832    3.969424   94.053812    0.989008
 0.004272    0.272171  150.188927
 0.85916    3.969424   94.053812    0.989008
 0.004272    0.172821  144.184626
 1.00000    3.969424   94.053812    0.989008
 0.004272    0.642487  140.645104

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -9.638084  -51.881328   -1.116991
-0.004106   -1.229687  -30.464019
 0.57747   -9.638084  -51.881328   -1.116991
-0.004106   -0.765512  -22.277199
 0.71832   -9.638084  -51.881328   -1.116991
-0.004106   -0.306271  -31.651071
 0.85916   -9.638084  -51.881328   -1.116991
-0.004106   -0.157912  -42.748869
 1.00000   -9.638084  -51.881328   -1.116991
-0.004106   -0.571073  -55.243149
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3515

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    8.614422   82.516560    1.101579
 0.002963    1.217797  162.569162
 0.57747    8.614422   82.516560    1.101579
 0.002963    0.755852  139.453442
 0.71832    8.614422   82.516560    1.101579
 0.002963    0.302895  123.597725
 0.85916    8.614422   82.516560    1.101579
 0.002963    0.185399  117.113713
 1.00000    8.614422   82.516560    1.101579
 0.002963    0.711767  129.771787

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -8.296753  -94.480417   -1.251783
-0.002972   -1.386523  -98.915781
 0.57747   -8.296753  -94.480417   -1.251783
-0.002972   -0.864249  -71.086354
 0.71832   -8.296753  -94.480417   -1.251783
-0.002972   -0.344059  -55.063319
 0.85916   -8.296753  -94.480417   -1.251783
-0.002972   -0.166715  -42.151084
 1.00000   -8.296753  -94.480417   -1.251783
-0.002972   -0.627197  -51.274963

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663    8.905256   8.056307    0.515980
 0.000301    0.574611   7.071758
 0.57747    8.905256   8.056307    0.515980
 0.000301    0.357916   5.442613
 0.71832    8.905256   8.056307    0.515980
 0.000301    0.141152   4.856350
 0.85916    8.905256   8.056307    0.515980
 0.000301    0.061230   4.418164
 1.00000    8.905256   8.056307    0.515980
 0.000301    0.320958   4.028678

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -0.351658  -76.388707   -0.570165
-0.000567   -0.635831  -140.175211
 0.57747   -0.351658  -76.388707   -0.570165
-0.000567   -0.397018  -109.767771
 0.71832   -0.351658  -76.388707   -0.570165
-0.000567   -0.157237   -79.973151
 0.85916   -0.351658  -76.388707   -0.570165
-0.000567   -0.073622   -50.217994
 1.00000   -0.351658  -76.388707   -0.570165
-0.000567   -0.290094   -20.480922

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   14.832118   30.560524    0.686846
 0.006137    0.737879   89.979191
 0.57747   14.832118   30.560524    0.686846
 0.006137    0.449803   82.471511
 0.71832   14.832118   30.560524    0.686846
 0.006137    0.186057   89.073800
 0.85916   14.832118   30.560524    0.686846
 0.006137    0.137934  111.798163
 1.00000   14.832118   30.560524    0.686846
 0.006137    0.459953  134.910474

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -1.415893 -160.673372   -0.766970
-0.006503   -0.828229 -179.002998
 0.57747   -1.415893 -160.673372   -0.766970
-0.006503   -0.514327 -116.668665
 0.71832   -1.415893 -160.673372   -0.766970
-0.006503   -0.209766  -80.252738
 0.85916   -1.415893 -160.673372   -0.766970
-0.006503   -0.126550  -45.994314
 1.00000   -1.415893 -160.673372   -0.766970
-0.006503   -0.414628  -13.767383
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3516

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   13.035998   68.714601    0.886048
 0.004643    0.967337  182.126590
 0.57747   13.035998   68.714601    0.886048
 0.004643    0.595906  157.553962
 0.71832   13.035998   68.714601    0.886048
 0.004643    0.241478  143.321832
 0.85916   13.035998   68.714601    0.886048
 0.004643    0.241284  141.649355
 1.00000   13.035998   68.714601    0.886048
 0.004643    0.582704  138.619855

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -4.862562 -133.314294   -1.003092
-0.004958   -1.099735 -158.388143
 0.57747   -4.862562 -133.314294   -1.003092
-0.004958   -0.684405 -106.546910
 0.71832   -4.862562 -133.314294   -1.003092
-0.004958   -0.269432  -73.540158
 0.85916   -4.862562 -133.314294   -1.003092
-0.004958   -0.147336  -42.108545
 1.00000   -4.862562 -133.314294   -1.003092
-0.004958   -0.516635  -12.918273

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   11.214449   77.600662    1.119928
 0.004145    1.231948  160.556877
 0.57747   11.214449   77.600662    1.119928
 0.004145    0.762511  136.310507
 0.71832   11.214449   77.600662    1.119928
 0.004145    0.306878  123.055810
 0.85916   11.214449   77.600662    1.119928
 0.004145    0.192680  120.161644
 1.00000   11.214449   77.600662    1.119928
 0.004145    0.720275  119.703108

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   -7.118567 -114.214623   -1.255386
-0.004278   -1.384790 -136.490559
 0.57747   -7.118567 -114.214623   -1.255386
-0.004278   -0.862571  -97.795974
 0.71832   -7.118567 -114.214623   -1.255386
-0.004278   -0.344875  -76.620716
 0.85916   -7.118567 -114.214623   -1.255386
-0.004278   -0.175908  -57.217410
 1.00000   -7.118567 -114.214623   -1.255386
-0.004278   -0.644381  -40.869237

COMB     DB ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   15.653052   95.584502    0.871756
 0.006204    0.959078  210.550460
 0.57747   15.653052   95.584502    0.871756
 0.006204    0.598827  177.177729
 0.71832   15.653052   95.584502    0.871756
 0.006204    0.241407  153.557095
 0.85916   15.653052   95.584502    0.871756
 0.006204    0.152431  144.745330
 1.00000   15.653052   95.584502    0.871756
 0.006204    0.555242  139.288431

COMB     DB ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -11.747418 -165.201557   -0.970487
-0.006589   -1.082411 -179.702876
 0.57747  -11.747418 -165.201557   -0.970487
-0.006589   -0.675427 -118.853741
 0.71832  -11.747418 -165.201557   -0.970487
-0.006589   -0.268494  -78.189771
 0.85916  -11.747418 -165.201557   -0.970487
-0.006589   -0.138775  -59.367985
 1.00000  -11.747418 -165.201557   -0.970487
-0.006589   -0.504399  -73.379641
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3517

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   14.832118   97.299561    1.126733
 0.006137    1.248905  216.625419
 0.57747   14.832118   97.299561    1.126733
 0.006137    0.779396  185.431693
 0.71832   14.832118   97.299561    1.126733
 0.006137    0.310579  163.900340
 0.85916   14.832118   97.299561    1.126733
 0.006137    0.192680  154.086946
 1.00000   14.832118   97.299561    1.126733
 0.006137    0.732730  147.928956

COMB     DL ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -11.322567 -160.673372   -1.285794
-0.006503   -1.422249 -179.002998
 0.57747  -11.322567 -160.673372   -1.285794
-0.006503   -0.887313 -116.668665
 0.71832  -11.322567 -160.673372   -1.285794
-0.006503   -0.353121  -80.252738
 0.85916  -11.322567 -160.673372   -1.285794
-0.006503   -0.175908  -68.587843
 1.00000  -11.322567 -160.673372   -1.285794
-0.006503   -0.644381  -86.536183

COMB     CAR ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   15.653052   97.299561    1.126733
 0.006204    1.248905  216.625419
 0.57747   15.653052   97.299561    1.126733
 0.006204    0.779396  185.431693
 0.71832   15.653052   97.299561    1.126733
 0.006204    0.310579  163.900340
 0.85916   15.653052   97.299561    1.126733
 0.006204    0.192680  154.086946
 1.00000   15.653052   97.299561    1.126733
 0.006204    0.732730  147.928956

COMB     CAR ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -11.747418 -165.201557   -1.285794
-0.006589   -1.422249 -179.702876
 0.57747  -11.747418 -165.201557   -1.285794
-0.006589   -0.887313 -118.853741
 0.71832  -11.747418 -165.201557   -1.285794
-0.006589   -0.353121  -80.252738
 0.85916  -11.747418 -165.201557   -1.285794
-0.006589   -0.175908  -68.587843
 1.00000  -11.747418 -165.201557   -1.285794
-0.006589   -0.644381  -86.536183

COMB  DESIGN ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.43663   15.653052   97.299561    1.126733
 0.006204    1.248905  216.625419
 0.57747   15.653052   97.299561    1.126733
 0.006204    0.779396  185.431693
 0.71832   15.653052   97.299561    1.126733
 0.006204    0.310579  163.900340
 0.85916   15.653052   97.299561    1.126733
 0.006204    0.192680  154.086946
 1.00000   15.653052   97.299561    1.126733
 0.006204    0.732730  147.928956

COMB  DESIGN ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.43663  -11.747418 -165.201557   -1.285794
-0.006589   -1.422249 -179.702876
 0.57747  -11.747418 -165.201557   -1.285794
-0.006589   -0.887313 -118.853741
 0.71832  -11.747418 -165.201557   -1.285794
-0.006589   -0.353121  -80.252738
 0.85916  -11.747418 -165.201557   -1.285794
-0.006589   -0.175908  -68.587843
 1.00000  -11.747418 -165.201557   -1.285794
-0.006589   -0.644381  -86.536183
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3518

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 ELEM      333 ================== LENGTH
=  2.977334

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.00000    0.056932   18.133991    0.492331
 0.000252    0.277249    6.058260
 0.14084    0.056932   18.133991    0.492331
 0.000252    0.070757    7.784777
 0.28168    0.056932   18.133991    0.492331
 0.000252    0.141578    9.591779
 0.42253    0.056932   18.133991    0.492331
 0.000252    0.353128   11.416762
 0.56337    0.056932   18.133991    0.492331
 0.000252    0.564681   13.253791

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.00000   -4.722922   -4.398678   -0.504503
-9.93E-06   -0.281559  -52.526734
 0.14084   -4.722922   -4.398678   -0.504503
-9.93E-06   -0.069998  -60.010307
 0.28168   -4.722922   -4.398678   -0.504503
-9.93E-06   -0.135680  -67.516884
 0.42253   -4.722922   -4.398678   -0.504503
-9.93E-06   -0.342104  -75.043647
 0.56337   -4.722922   -4.398678   -0.504503
-9.93E-06   -0.548555  -82.601683

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
 0.00000    0.521413   45.134109    0.809481
 0.000712    0.456383   12.106583
 0.14084    0.521413   45.134109    0.809481
 0.000712    0.116865   12.791234
 0.28168    0.521413   45.134109    0.809481
 0.000712    0.238252   14.099486
 0.42253    0.521413   45.134109    0.809481
 0.000712    0.594644   16.221213
 0.56337    0.521413   45.134109    0.809481
 0.000712    0.951069   18.683419

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
 0.00000   -8.680449   -6.254077   -0.850188
-0.000273   -0.475594  -73.409734
 0.14084   -8.680449   -6.254077   -0.850188
-0.000273   -0.119153  -89.608394
 0.28168   -8.680449   -6.254077   -0.850188
-0.000273   -0.223264 -106.313285
 0.42253   -8.680449   -6.254077   -0.850188
-0.000273   -0.561983 -123.260957
 0.56337   -8.680449   -6.254077   -0.850188
-0.000273   -0.901417 -141.251017
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COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.751331	94.635971	0.867773
0.000849	0.488124	60.383970	
0.14084	0.751331	94.635971	0.867773
0.000849	0.124223	39.819570	
0.28168	0.751331	94.635971	0.867773
0.000849	0.265497	34.910062	
0.42253	0.751331	94.635971	0.867773
0.000849	0.663297	34.084261	
0.56337	0.751331	94.635971	0.867773
0.000849	1.061063	34.595452	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.602185	-5.816622	-0.948591
-0.000407	-0.530093	-65.039564	
0.14084	-11.602185	-5.816622	-0.948591
-0.000407	-0.132278	-76.691267	
0.28168	-11.602185	-5.816622	-0.948591
-0.000407	-0.239674	-89.802380	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3519
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-11.602185	-5.816622	-0.948591
-0.000407	-0.603570	-126.452671	
0.56337	-11.602185	-5.816622	-0.948591
-0.000407	-0.967464	-165.884683	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.030015	117.017825	0.880477
0.004165	0.510857	132.018019	
0.14084	5.030015	117.017825	0.880477
0.004165	0.141640	117.504525	
0.28168	5.030015	117.017825	0.880477
0.004165	0.263193	115.856001	
0.42253	5.030015	117.017825	0.880477
0.004165	0.657179	126.358913	
0.56337	5.030015	117.017825	0.880477
0.004165	1.051865	144.304312	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.721946	-52.755165	-0.944634
-0.003984	-0.543641	-56.207715	
0.14084	-11.721946	-52.755165	-0.944634
-0.003984	-0.147581	-66.704672	
0.28168	-11.721946	-52.755165	-0.944634
-0.003984	-0.242206	-78.575355	
0.42253	-11.721946	-52.755165	-0.944634
-0.003984	-0.597889	-109.829172	
0.56337	-11.721946	-52.755165	-0.944634
-0.003984	-0.966778	-150.984793	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.638115	39.355204	0.306340
0.000377	0.172173	13.668106	
0.14084	0.638115	39.355204	0.306340
0.000377	0.043703	8.588852	
0.28168	0.638115	39.355204	0.306340
0.000377	0.097415	7.095104	
0.42253	0.638115	39.355204	0.306340
0.000377	0.243878	6.586415	
0.56337	0.638115	39.355204	0.306340
0.000377	0.390359	6.461552	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.713696	-1.379114	-0.349358
-0.000176	-0.195679	-11.276195	
0.14084	-4.713696	-1.379114	-0.349358
-0.000176	-0.049194	-15.100066	
0.28168	-4.713696	-1.379114	-0.349358
-0.000176	-0.084728	-29.800775	
0.42253	-4.713696	-1.379114	-0.349358
-0.000176	-0.213148	-45.000881	
0.56337	-4.713696	-1.379114	-0.349358
-0.000176	-0.341636	-61.723047	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.423484	132.985752	0.448599
0.005378	0.272838	139.545073	
0.14084	1.423484	132.985752	0.448599
0.005378	0.084773	94.309401	
0.28168	1.423484	132.985752	0.448599
0.005378	0.134329	65.933566	
0.42253	1.423484	132.985752	0.448599
0.005378	0.334375	53.902276	
0.56337	1.423484	132.985752	0.448599
0.005378	0.535381	52.011825	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.855439	-8.957009	-0.484017
-0.005211	-0.291579	-11.288967	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3520
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-9.855439	-8.957009	-0.484017
-0.005211	-0.088647	-15.316341	
0.28168	-9.855439	-8.957009	-0.484017
-0.005211	-0.123422	-21.208010	
0.42253	-9.855439	-8.957009	-0.484017
-0.005211	-0.293009	-52.828150	
0.56337	-9.855439	-8.957009	-0.484017
-0.005211	-0.480675	-97.812347	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.492804	135.661763	0.781320
0.005073	0.458179	129.463087	
0.14084	1.492804	135.661763	0.781320
0.005073	0.130524	89.958898	
0.28168	1.492804	135.661763	0.781320
0.005073	0.231036	65.614313	
0.42253	1.492804	135.661763	0.781320
0.005073	0.575505	56.006855	
0.56337	1.492804	135.661763	0.781320
0.005073	0.920881	55.562622	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.502808	-11.088029	-0.827849
-0.004702	-0.481341	-47.976766	
0.14084	-12.502808	-11.088029	-0.827849
-0.004702	-0.134254	-58.036695	
0.28168	-12.502808	-11.088029	-0.827849
-0.004702	-0.215188	-69.943325	
0.42253	-12.502808	-11.088029	-0.827849
-0.004702	-0.526087	-105.242590	
0.56337	-12.502808	-11.088029	-0.827849
-0.004702	-0.853314	-152.275568	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.629456	108.174732	0.846506
0.003593	0.488935	117.298109	
0.14084	7.629456	108.174732	0.846506
0.003593	0.133938	113.700035	
0.28168	7.629456	108.174732	0.846506
0.003593	0.258341	123.362264	
0.42253	7.629456	108.174732	0.846506
0.003593	0.646599	143.465855	
0.56337	7.629456	108.174732	0.846506
0.003593	1.035398	169.831676	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.295139	-71.712167	-0.929928
-0.003540	0.533401	-43.070295	
0.14084	-10.295139	-71.712167	-0.929928
-0.003540	-0.143388	-52.433379	
0.28168	-10.295139	-71.712167	-0.929928
-0.003540	-0.232874	-63.229821	
0.42253	-10.295139	-71.712167	-0.929928
-0.003540	-0.576870	-93.739971	
0.56337	-10.295139	-71.712167	-0.929928
-0.003540	-0.931575	-132.551880	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.473848	5.755749	0.371368
0.000423	0.209459	3.030828	
0.14084	9.473848	5.755749	0.371368
0.000423	0.053730	23.546251	
0.28168	9.473848	5.755749	0.371368
0.000423	0.116548	55.758187	
0.42253	9.473848	5.755749	0.371368
0.000423	0.295000	88.230772	
0.56337	9.473848	5.755749	0.371368
0.000423	0.473440	120.802689	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3521
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.355974	-77.850867	-0.425554
-0.000752	-0.240376	-10.797303	
0.14084	-0.355974	-77.850867	-0.425554
-0.000752	0.061829	-7.352865	
0.28168	-0.355974	-77.850867	-0.425554
-0.000752	-0.102014	-8.956505	
0.42253	-0.355974	-77.850867	-0.425554
-0.000752	-0.257724	-10.753403	
0.56337	-0.355974	-77.850867	-0.425554
-0.000752	-0.413451	-12.951775	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.775669	86.839649	0.519661
0.006315	0.318299	122.989915	
0.14084	11.775669	86.839649	0.519661
0.006315	0.100356	128.591907	
0.28168	11.775669	86.839649	0.519661
0.006315	0.150504	138.686288	
0.42253	11.775669	86.839649	0.519661
0.006315	0.377847	165.862912	
0.56337	11.775669	86.839649	0.519661
0.006315	0.606389	204.441101	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.624975	-104.042951	-0.550652
-0.006696	-0.335590	-7.365769	
0.14084	-4.624975	-104.042951	-0.550652
-0.006696	-0.104738	-9.839838	
0.28168	-4.624975	-104.042951	-0.550652
-0.006696	-0.141908	-12.332555	
0.42253	-4.624975	-104.042951	-0.550652
-0.006696	-0.337237	-17.088230	
0.56337	-4.624975	-104.042951	-0.550652
-0.006696	-0.554602	-39.135050	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.012556	112.633553	0.666778
0.004802	0.392823	121.668155	
0.14084	11.012556	112.633553	0.666778
0.004802	0.113266	118.067040	
0.28168	11.012556	112.633553	0.666778
0.004802	0.205784	129.922061	
0.42253	11.012556	112.633553	0.666778
0.004802	0.516919	155.695833	
0.56337	11.012556	112.633553	0.666778
0.004802	0.828885	190.054022	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.812956	-93.519133	-0.747821
-0.005033	-0.438053	-8.419241	
0.14084	-7.812956	-93.519133	-0.747821
-0.005033	-0.124417	-10.679104	
0.28168	-7.812956	-93.519133	-0.747821
-0.005033	-0.183116	-14.914824	
0.42253	-7.812956	-93.519133	-0.747821
-0.005033	-0.447248	-42.801036	
0.56337	-7.812956	-93.519133	-0.747821
-0.005033	-0.726471	-81.197888	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.537988	110.324678	0.851829
0.004187	0.493902	103.456053	
0.14084	9.537988	110.324678	0.851829
0.004187	0.136708	101.382888	
0.28168	9.537988	110.324678	0.851829
0.004187	0.259878	112.203792	
0.42253	9.537988	110.324678	0.851829
0.004187	0.651473	134.593861	
0.56337	9.537988	110.324678	0.851829
0.004187	1.043726	164.084326	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3522
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.590151	-79.954173	-0.938638
-0.004199	-0.541103	-33.539928	
0.14084	-9.590151	-79.954173	-0.938638
-0.004199	-0.147468	-41.930125	
0.28168	-9.590151	-79.954173	-0.938638
-0.004199	-0.234335	-51.758832	
0.42253	-9.590151	-79.954173	-0.938638
-0.004199	-0.578737	-81.050476	
0.56337	-9.590151	-79.954173	-0.938638
-0.004199	-0.935626	-119.687694	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107157	23.603325	0.631620
0.000211	0.355469	11.261938	
0.14084	0.107157	23.603325	0.631620
0.000211	0.090762	14.198780	
0.28168	0.107157	23.603325	0.631620
0.000211	0.191928	17.204344	
0.42253	0.107157	23.603325	0.631620
0.000211	0.482717	20.227530	
0.56337	0.107157	23.603325	0.631620
0.000211	0.773897	23.259076	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.387090	-7.244263	-0.693215
-7.32E-06	-0.387481	-63.743964	
0.14084	-5.387090	-7.244263	-0.693215
-7.32E-06	-0.096207	-73.512935	
0.28168	-5.387090	-7.244263	-0.693215
-7.32E-06	-0.174029	-83.333002	
0.42253	-5.387090	-7.244263	-0.693215
-7.32E-06	-0.438826	-93.184208	
0.56337	-5.387090	-7.244263	-0.693215
-7.32E-06	-0.703577	-103.060784	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.655233	52.576966	1.042296
0.000553	0.586841	17.903303	
0.14084	0.655233	52.576966	1.042296
0.000553	0.449833	20.331136	
0.28168	0.655233	52.576966	1.042296
0.000553	0.316255	23.597111	
0.42253	0.655233	52.576966	1.042296
0.000553	0.796902	27.300442	
0.56337	0.655233	52.576966	1.042296
0.000553	1.277933	31.323942	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.911682	-9.952936	-1.145933
-0.000197	-0.641665	-66.562300	
0.14084	-8.911682	-9.952936	-1.145933
-0.000197	-0.160764	-105.847460	
0.28168	-8.911682	-9.952936	-1.145933
-0.000197	-0.287415	-125.850439	
0.42253	-8.911682	-9.952936	-1.145933
-0.000197	-0.723842	-146.728520	
0.56337	-8.911682	-9.952936	-1.145933
-0.000197	-1.160850	-168.263067	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.916519	96.439084	1.123204
0.000700	0.630237	79.254631	
0.14084	0.916519	96.439084	1.123204
0.000700	0.159600	61.628256	
0.28168	0.916519	96.439084	1.123204
0.000700	0.349665	50.819412	
0.42253	0.916519	96.439084	1.123204
0.000700	0.898335	48.324267	
0.56337	0.916519	96.439084	1.123204
0.000700	1.415978	49.066961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3523
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.212920	-9.844321	-1.268573
-0.000344	-0.708505	-76.770186	
0.14084	-11.212920	-9.844321	-1.268573
-0.000344	-0.175222	-91.961455	
0.28168	-11.212920	-9.844321	-1.268573
-0.000344	-0.310440	-109.122780	
0.42253	-11.212920	-9.844321	-1.268573
-0.000344	-0.781126	-143.773581	
0.56337	-11.212920	-9.844321	-1.268573
-0.000344	-1.252184	-181.354482	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.890822	111.510658	1.133960
0.003258	0.650226	145.112372	
0.14084	4.890822	111.510658	1.133960
0.003258	0.175199	136.734154	
0.28168	4.890822	111.510658	1.133960
0.003258	0.352524	133.975074	
0.42253	4.890822	111.510658	1.133960
0.003258	0.884292	144.219880	
0.56337	4.890822	111.510658	1.133960
0.003258	1.419908	162.302696	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.066183	-54.757231	-1.283771
-0.003106	-0.731352	-67.172418	
0.14084	-11.066183	-54.757231	-1.283771
-0.003106	-0.192053	-81.088992	
0.28168	-11.066183	-54.757231	-1.283771
-0.003106	-0.311008	-96.787315	
0.42253	-11.066183	-54.757231	-1.283771
-0.003106	-0.775195	-126.259915	
0.56337	-11.066183	-54.757231	-1.283771
-0.003106	-1.250866	-166.997547	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.688036	37.750074	0.398599
0.000305	0.223912	16.403187	
0.14084	0.688036	37.750074	0.398599
0.000305	0.056860	9.230507	
0.28168	0.688036	37.750074	0.398599
0.000305	0.123003	7.186755	
0.42253	0.688036	37.750074	0.398599
0.000305	0.311800	6.677962	
0.56337	0.688036	37.750074	0.398599
0.000305	0.500275	6.721250	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.014002	-1.638958	-0.448988
-0.000162	-0.251984	-11.345492	
0.14084	-4.014002	-1.638958	-0.448988
-0.000162	-0.063275	-17.050214	
0.28168	-4.014002	-1.638958	-0.448988
-0.000162	-0.110188	-29.730933	
0.42253	-4.014002	-1.638958	-0.448988
-0.000162	-0.277272	-44.421577	
0.56337	-4.014002	-1.638958	-0.448988
-0.000162	-0.444498	-59.679150	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.544439	120.210530	0.562630
0.004589	0.335075	147.934999	
0.14084	1.544439	120.210530	0.562630
0.004589	0.100941	108.247480	
0.28168	1.544439	120.210530	0.562630
0.004589	0.176645	75.953133	
0.42253	1.544439	120.210530	0.562630
0.004589	0.439137	62.200080	
0.56337	1.544439	120.210530	0.562630
0.004589	0.707689	59.647377	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3524
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.527700	-9.875923	-0.651337
-0.004465	-0.384034	-11.607074	
0.14084	-8.527700	-9.875923	-0.651337
-0.004465	-0.110218	-16.359974	
0.28168	-8.527700	-9.875923	-0.651337
-0.004465	-0.153703	-24.435533	
0.42253	-8.527700	-9.875923	-0.651337
-0.004465	-0.372529	-50.716981	
0.56337	-8.527700	-9.875923	-0.651337
-0.004465	-0.608238	-91.928800	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.601905	128.973403	0.991774
0.004328	0.574438	140.666946	
0.14084	1.601905	128.973403	0.991774
0.004328	0.160100	106.835394	
0.28168	1.601905	128.973403	0.991774
0.004328	0.305945	79.716366	
0.42253	1.601905	128.973403	0.991774
0.004328	0.765075	69.426160	
0.56337	1.601905	128.973403	0.991774
0.004328	1.229494	69.193079	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.554996	-13.845509	-1.117028
-0.004023	-0.642576	-55.265158	
0.14084	-11.554996	-13.845509	-1.117028
-0.004023	-0.172983	-67.891978	
0.28168	-11.554996	-13.845509	-1.117028
-0.004023	-0.272170	-83.821381	
0.42253	-11.554996	-13.845509	-1.117028
-0.004023	-0.672614	-116.008240	
0.56337	-11.554996	-13.845509	-1.117028
-0.004023	-1.088311	-161.628401	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.247230	103.367553	1.105768
0.002877	0.632030	129.744540	
0.14084	7.247230	103.367553	1.105768
0.002877	0.169494	130.709423	
0.28168	7.247230	103.367553	1.105768
0.002877	0.344126	137.410403	
0.42253	7.247230	103.367553	1.105768
0.002877	0.865571	156.318871	
0.56337	7.247230	103.367553	1.105768
0.002877	1.389203	182.092689	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.418945	-72.125318	-1.254771
-0.002816	-0.714153	-51.282999	
0.14084	-9.418945	-72.125318	-1.254771
-0.002816	-0.186244	-63.385274	
0.28168	-9.418945	-72.125318	-1.254771
-0.002816	-0.302886	-78.083038	
0.42253	-9.418945	-72.125318	-1.254771
-0.002816	-0.757768	-106.781657	
0.56337	-9.418945	-72.125318	-1.254771
-0.002816	-1.221359	-144.293184	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.961685	8.046800	0.518084
0.000341	0.291843	4.022692	
0.14084	8.961685	8.046800	0.518084
0.000341	0.074396	23.678246	
0.28168	8.961685	8.046800	0.518084
0.000341	0.158103	55.095702	
0.42253	8.961685	8.046800	0.518084
0.000341	0.400382	86.301444	
0.56337	8.961685	8.046800	0.518084
0.000341	0.641854	118.936077	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3525
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.339078	-76.821437	-0.576476
-0.000640	-0.325128	-20.509353	
0.14084	-0.339078	-76.821437	-0.576476
-0.000640	-0.082778	-13.478164	
0.28168	-0.339078	-76.821437	-0.576476
-0.000640	-0.141094	-15.924682	
0.42253	-0.339078	-76.821437	-0.576476
-0.000640	-0.358828	-18.769711	
0.56337	-0.339078	-76.821437	-0.576476
-0.000640	-0.576248	-21.994555	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.161753	86.321797	0.691770
0.006211	0.418189	134.941030	
0.14084	11.161753	86.321797	0.691770
0.006211	0.128188	140.316981	
0.28168	11.161753	86.321797	0.691770
0.006211	0.210534	149.903941	
0.42253	11.161753	86.321797	0.691770
0.006211	0.518021	174.059181	
0.56337	11.161753	86.321797	0.691770
0.006211	0.835298	210.861677	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.541900	-101.650254	-0.774130
-0.006547	-0.464442	-13.770066	
0.14084	-4.541900	-101.650254	-0.774130
-0.006547	-0.139312	-16.659442	
0.28168	-4.541900	-101.650254	-0.774130
-0.006547	-0.186032	-20.613970	
0.42253	-4.541900	-101.650254	-0.774130
-0.006547	-0.452220	-27.028205	
0.56337	-4.541900	-101.650254	-0.774130
-0.006547	-0.742453	-53.166573	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.412359	108.565978	0.887406
0.004836	0.518016	138.611129	
0.14084	10.412359	108.565978	0.887406
0.004836	0.147782	135.159860	
0.28168	10.412359	108.565978	0.887406
0.004836	0.275635	138.734052	
0.42253	10.412359	108.565978	0.887406
0.004836	0.689159	159.983915	
0.56337	10.412359	108.565978	0.887406
0.004836	1.108615	191.954052	

COMB DL-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.063339	-90.903404	-1.012239
-0.005051	-0.588677	-12.913457	
0.14084	-7.063339	-90.903404	-1.012239
-0.005051	-0.163198	-16.109450	
0.28168	-7.063339	-90.903404	-1.012239
-0.005051	-0.241096	-23.736175	
0.42253	-7.063339	-90.903404	-1.012239
-0.005051	-0.596255	-46.060020	
0.56337	-7.063339	-90.903404	-1.012239
-0.005051	-0.968613	-82.840600	

COMB DL-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.042794	110.500990	1.123491
0.004187	0.647643	119.704674	
0.14084	9.042794	110.500990	1.123491
0.004187	0.178035	118.356018	
0.28168	9.042794	110.500990	1.123491
0.004187	0.345511	122.769714	
0.42253	9.042794	110.500990	1.123491
0.004187	0.866581	141.840699	
0.56337	9.042794	110.500990	1.123491
0.004187	1.392599	169.836495	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.925047	-79.009973	-1.263752
-0.004215	-0.726047	-79.882911	
0.14084	-8.925047	-79.009973	-1.263752
-0.004215	-0.194768	-51.554425	
0.28168	-8.925047	-79.009973	-1.263752
-0.004215	-0.306789	-65.668449	
0.42253	-8.925047	-79.009973	-1.263752
-0.004215	-0.764051	-92.363964	
0.56337	-8.925047	-79.009973	-1.263752
-0.004215	-1.235363	-131.194486	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.775669	135.661763	0.880477
0.006315	0.510857	139.545073	
0.14084	11.775669	135.661763	0.880477
0.006315	0.141640	128.591907	
0.28168	11.775669	135.661763	0.880477
0.006315	0.265497	136.686288	
0.42253	11.775669	135.661763	0.880477
0.006315	0.669297	165.862912	
0.56337	11.775669	135.661763	0.880477
0.006315	1.061063	204.441101	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.502808	-104.042951	-0.948591
-0.006696	-0.543641	-73.409734	
0.14084	-12.502808	-104.042951	-0.948591
-0.006696	-0.147581	-89.608394	
0.28168	-12.502808	-104.042951	-0.948591
-0.006696	-0.242206	-106.313285	
0.42253	-12.502808	-104.042951	-0.948591
-0.006696	-0.603570	-126.452671	
0.56337	-12.502808	-104.042951	-0.948591
-0.006696	-0.967464	-165.884683	

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.161753	128.973403	1.133960
0.006211	0.650226	147.934999	
0.14084	11.161753	128.973403	1.133960
0.006211	0.178035	140.316981	
0.28168	11.161753	128.973403	1.133960
0.006211	0.352524	149.903941	
0.42253	11.161753	128.973403	1.133960
0.006211	0.884292	174.059181	
0.56337	11.161753	128.973403	1.133960
0.006211	1.419908	210.861677	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.554996	-101.650254	-1.283771
-0.006547	-0.731352	-86.582300	
0.14084	-11.554996	-101.650254	-1.283771
-0.006547	-0.194768	-105.847460	
0.28168	-11.554996	-101.650254	-1.283771
-0.006547	-0.311008	-125.850439	
0.42253	-11.554996	-101.650254	-1.283771
-0.006547	-0.781126	-146.728520	
0.56337	-11.554996	-101.650254	-1.283771
-0.006547	-1.252184	-181.354482	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.775669	135.661763	1.133960
0.006315	0.650226	147.934999	
0.14084	11.775669	135.661763	1.133960
0.006315	0.178035	140.316981	
0.28168	11.775669	135.661763	1.133960
0.006315	0.352524	149.903941	
0.42253	11.775669	135.661763	1.133960
0.006315	0.884292	174.059181	
0.56337	11.775669	135.661763	1.133960
0.006315	1.419908	210.861677	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.502808	-104.042951	-1.283771
-0.006696	-0.731352	-86.582300	
0.14084	-12.502808	-104.042951	-1.283771
-0.006696	-0.194768	-105.847460	
0.28168	-12.502808	-104.042951	-1.283771
-0.006696	-0.311008	-125.850439	
0.42253	-12.502808	-104.042951	-1.283771
-0.006696	-0.781126	-146.728520	
0.56337	-12.502808	-104.042951	-1.283771
-0.006696	-1.252184	-181.354482	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.775669	135.661763	1.133960
0.006315	0.650226	147.934999	
0.14084	11.775669	135.661763	1.133960
0.006315	0.178035	140.316981	
0.28168	11.775669	135.661763	1.133960
0.006315	0.352524	149.903941	
0.42253	11.775669	135.661763	1.133960
0.006315	0.884292	174.059181	
0.56337	11.775669	135.661763	1.133960
0.006315	1.419908	210.861677	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.502808	-104.042951	-1.283771
-0.006696	-0.731352	-86.582300	
0.14084	-12.502808	-104.042951	-1.283771
-0.006696	-0.194768	-105.847460	
0.28168	-12.502808	-104.042951	-1.283771
-0.006696	-0.311008	-125.850439	
0.42253	-12.502808	-104.042951	-1.283771
-0.006696	-0.781126	-146.728520	
0.56337	-12.502808	-104.042951	-1.283771
-0.006696	-1.252184	-181.354482	

ELEM 334 ========== LENGTH = 2.977334

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.061201	18.158470	0.442435
1.63E-05	0.494933	1.913852	
0.57747	0.061201	18.158470	0.442435
1.63E-05	0.309407	2.339493	
0.71832	0.061201	18.158470	0.442435
1.63E-05	0.123904	2.856964	
0.85916	0.061201	18.158470	0.442435
1.63E-05	0.056504	4.305001	
1.00000	0.061201	18.158470	0.442435
1.63E-05	0.223476	5.910915	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-4.746596	-4.393423	-0.398183
-0.000517	-0.444413	-23.438076	
0.57747	-4.746596	-4.393423	-0.398183
-0.000517	-0.277442	-30.638349	
0.71832	-4.746596	-4.393423	-0.398183
-0.000517	-0.110469	-37.863185	
0.85916	-4.746596	-4.393423	-0.398183
-0.000517	-0.061618	-45.106729	
1.00000	-4.746596	-4.393423	-0.398183
-0.000517	-0.247180	-52.451869	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.617477	43.799162	0.728119
0.000578	0.813624	30.682514	
0.57747	0.617477	43.799162	0.728119
0.000578	0.508330	22.497790	
0.71832	0.617477	43.799162	0.728119
0.000578	0.203725	15.562850	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	0.617477	43.799162	0.728119
0.000578	0.098229	11.179413	
1.00000	0.617477	43.799162	0.728119
0.000578	0.383969	11.925949	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.637225	-8.116329	-0.682662
-0.001173	-0.761191	-27.025213	
0.57747	-8.637225	-8.116329	-0.682662
-0.001173	-0.474928	-35.855317	
0.71832	-8.637225	-8.116329	-0.682662
-0.001173	-0.188652	-46.438535	
0.85916	-8.637225	-8.116329	-0.682662
-0.001173	-0.102247	-59.307289	
1.00000	-8.637225	-8.116329	-0.682662
-0.001173	-0.407677	-73.300840	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.701474	95.532730	0.773329
0.000382	0.864479	175.265918	
0.57747	0.701474	95.532730	0.773329
0.000382	0.540199	144.456234	
0.71832	0.701474	95.532730	0.773329
0.000382	0.215903	114.298845	
0.85916	0.701474	95.532730	0.773329
0.000382	0.108174	85.715060	
1.00000	0.701474	95.532730	0.773329
0.000382	0.425169	60.257481	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-11.718905	-5.798382	-0.755839
-0.000884	-0.842629	-23.768524	
0.57747	-11.718905	-5.798382	-0.755839
-0.000884	-0.525680	-32.544162	
0.71832	-11.718905	-5.798382	-0.755839
-0.000884	-0.208727	-42.117260	
0.85916	-11.718905	-5.798382	-0.755839
-0.000884	-0.108200	-53.215582	
1.00000	-11.718905	-5.798382	-0.755839
-0.000884	-0.432689	-64.890518	

COMB DB-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	7.322373	83.444385	0.879338
0.004139	0.968834	161.556685	
0.57747	7.322373	83.444385	0.879338
0.004139	0.600921	137.545532	
0.71832	7.322373	83.444385	0.879338
0.004139	0.246510	121.692708	
0.85916	7.322373	83.444385	0.879338
0.004139	0.127238	119.441457	
1.00000	7.322373	83.444385	0.879338
0.004139	0.455576	131.695568	

COMB DB-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-9.996096	-89.413174	-0.805907
-0.004371	-0.898461	-80.962891	
0.57747	-9.996096	-89.413174	-0.805907
-0.004371	-0.560517	-57.688525	
0.71832	-9.996096	-89.413174	-0.805907
-0.004371	-0.222559	-47.128649	
0.85916	-9.996096	-89.413174	-0.805907
-0.004371	-0.140726	-45.579830	
1.00000	-9.996096	-89.413174	-0.805907
-0.004371	-0.508905	-56.038582	

COMB DB-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.618351	39.730114	0.273954
0.000320	0.806132	71.045167	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	0.618351	39.730114	0.273954
0.000320	0.191260	54.457229	
0.71832	0.618351	39.730114	0.273954
0.000320	0.076372	38.635584	
0.85916	0.618351	39.730114	0.273954
0.000320	0.041680	23.883355	
1.00000	0.618351	39.730114	0.273954
0.000320	0.162057	13.676206	

COMB DB-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-4.754555	-1.429901	-0.287197
-0.000478	-0.319682	-3.224123	
0.57747	-4.754555	-1.429901	-0.287197
-0.000478	-0.199255	-3.309084	
0.71832	-4.754555	-1.429901	-0.287197
-0.000478	-0.078789	-4.355451	
0.85916	-4.754555	-1.429901	-0.287197
-0.000478	-0.038467	-7.406680	
1.00000	-4.754555	-1.429901	-0.287197
-0.000478	-0.153411	-11.229074	

COMB DB-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	4.659417	86.917813	0.450462
0.005054	0.482776	210.535399	
0.57747	4.659417	86.917813	0.450462
0.005054	0.294605	177.161853	
0.71832	4.659417	86.917813	0.450462
0.005054	0.124529	153.541509	
0.85916	4.659417	86.917813	0.450462
0.005054	0.074773	144.722870	
1.00000	4.659417	86.917813	0.450462
0.005054	0.231327	139.265259	

COMB DB-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-7.469276	-59.813183	-0.404816
-0.005084	-0.450781	-21.348163	
0.57747	-7.469276	-59.813183	-0.404816
-0.005084	-0.281028	-3.962167	
0.71832	-7.469276	-59.813183	-0.404816
-0.005084	-0.111256	-4.012310	
0.85916	-7.469276	-59.813183	-0.404816
-0.005084	-0.084124	-7.210921	
1.00000	-7.469276	-59.813183	-0.404816
-0.005084	-0.273129	-11.186040	

COMB DB-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	4.403568	94.110197	0.744099
0.004682	0.813299	188.194719	
0.57747	4.403568	94.110197	0.744099
0.004682	0.501928	159.304990	
0.71832	4.403568	94.110197	0.744099
0.004682	0.206900	139.190987	
0.85916	4.403568	94.110197	0.744099
0.004682	0.111835	132.880398	
1.00000	4.403568	94.110197	0.744099
0.004682	0.383354	129.121922	

COMB DB-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.368251	-56.997273	-0.675994
-0.005006	-0.753311	-29.990470	
0.57747	-10.368251	-56.997273	-0.675994
-0.005006	-0.469644	-21.363014	
0.71832	-10.368251	-56.997273	-0.675994
-0.005006	-0.186360	-28.322081	
0.85916	-10.368251	-56.997273	-0.675994
-0.005006	-0.122938	-37.789293	
1.00000	-10.368251	-56.997273	-0.675994
-0.005006	-0.435086	-47.830298	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.452074	81.052125	0.876735
0.003662	0.964360	158.832267	
0.57747	9.452074	81.052125	0.876735
0.003662	0.598342	133.835399	
0.71832	9.452074	81.052125	0.876735
0.003662	0.244648	115.090901	
0.85916	9.452074	81.052125	0.876735
0.003662	0.127106	107.734717	
1.00000	9.452074	81.052125	0.876735
0.003662	0.467583	117.067560	

COMB DB-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.897411	-101.223243	-0.827717
-0.003691	-0.922649	-106.696852	
0.57747	-8.897411	-101.223243	-0.827717
-0.003691	-0.575550	-75.933838	
0.71832	-8.897411	-101.223243	-0.827717
-0.003691	-0.228424	-55.512764	
0.85916	-8.897411	-101.223243	-0.827717
-0.003691	-0.139936	-36.950921	
1.00000	-8.897411	-101.223243	-0.827717
-0.003691	-0.507710	-42.906479	

COMB DB-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.374158	5.657435	0.475583
0.000712	0.525355	6.786070	
0.57747	9.374158	5.657435	0.475583
0.000712	0.325926	4.905151	
0.71832	9.374158	5.657435	0.475583
0.000712	0.127506	4.223904	
0.85916	9.374158	5.657435	0.475583
0.000712	0.065752	3.624080	
1.00000	9.374158	5.657435	0.475583
0.000712	0.259417	3.040544	

COMB DB-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.325781	-77.262300	-0.461714
-0.000324	-0.515036	-140.111121	
0.57747	-0.325781	-77.262300	-0.461714
-0.000324	-0.321423	-107.755024	
0.71832	-0.325781	-77.262300	-0.461714
-0.000324	-0.127806	-75.423399	
0.85916	-0.325781	-77.262300	-0.461714
-0.000324	-0.073922	-43.103253	
1.00000	-0.325781	-77.262300	-0.461714
-0.000324	-0.273323	-10.797398	

COMB DB-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	15.630053	29.780996	0.715294
0.006644	0.766850	84.148315	
0.57747	15.630053	29.780996	0.715294
0.006644	0.468058	75.949026	
0.71832	15.630053	29.780996	0.715294
0.006644	0.193539	79.507149	
0.85916	15.630053	29.780996	0.715294
0.006644	0.104560	100.962122	
1.00000	15.630053	29.780996	0.715294
0.006644	0.337273	122.633927	

COMB DB-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-1.592007	-165.151581	-0.593431
-0.006142	-0.661842	-179.669044	
0.57747	-1.592007	-165.151581	-0.593431
-0.006142	-0.412999	-118.841773	
0.71832	-1.592007	-165.151581	-0.593431
-0.006142	-0.164133	-78.204347	
0.85916	-1.592007	-165.151581	-0.593431
-0.006142	-0.134058	-39.383259	
1.00000	-1.592007	-165.151581	-0.593431
-0.006142	-0.434004	-7.271882	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	13.604863	73.992449	0.781964
0.004887	0.849635	182.256000	
0.57747	13.604863	73.992449	0.781964
0.004887	0.522617	154.335400	
0.71832	13.604863	73.992449	0.781964
0.004887	0.212943	134.525132	
0.85916	13.604863	73.992449	0.781964
0.004887	0.118724	127.303199	
1.00000	13.604863	73.992449	0.781964
0.004887	0.415549	121.448292	

COMB DB-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-5.789695	-135.253242	-0.734103
-0.004457	-0.818353	-159.524932	
0.57747	-5.789695	-135.253242	-0.734103
-0.004457	-0.515619	-108.827035	
0.71832	-5.789695	-135.253242	-0.734103
-0.004457	-0.202663	-72.027206	
0.85916	-5.789695	-135.253242	-0.734103
-0.004457	-0.134749	-36.525171	
1.00000	-5.789695	-135.253242	-0.734103
-0.004457	-0.462786	-8.269086	

COMB DB-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	11.670662	78.568405	0.916571
0.004216	1.004474	160.244086	
0.57747	11.670662	78.568405	0.916571
0.004216	0.620860	133.170019	
0.71832	11.670662	78.568405	0.916571
0.004216	0.251600	114.568815	
0.85916	11.670662	78.568405	0.916571
0.004216	0.135389	107.174874	
1.00000	11.670662	78.568405	0.916571
0.004216	0.489546	103.227218	

COMB DB-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-7.935504	-114.437877	-0.866244
-0.004076	-0.965563	-137.320209	
0.57747	-7.935504	-114.437877	-0.866244
-0.004076	-0.602319	-99.571042	
0.71832	-7.935504	-114.437877	-0.866244
-0.004076	-0.239058	-73.881189	
0.85916	-7.935504	-114.437877	-0.866244
-0.004076	-0.149106	-50.378524	
1.00000	-7.935504	-114.437877	-0.866244
-0.004076	-0.533591	-33.376900	

COMB DL-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.108143	23.659283	0.581132
1.14E-05	0.649316	2.171481	
0.57747	0.108143	23.659283	0.581132
1.14E-05	0.405635	3.359474	
0.71832	0.108143	23.659283	0.581132
1.14E-05	0.161587	5.689941	
0.85916	0.108143	23.659283	0.581132
1.14E-05	0.073659	8.357559	
1.00000	0.108143	23.659283	0.581132
1.14E-05	0.300121	11.137941	

COMB DL-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-5.412700	-7.224708	-0.537345
-0.000443	-0.600492	-26.319685	
0.57747	-5.412700	-7.224708	-0.537345
-0.000443	-0.375158	-34.761479	
0.71832	-5.412700	-7.224708	-0.537345
-0.000443	-0.149380	-44.334139	
0.85916	-5.412700	-7.224708	-0.537345
-0.000443	-0.080767	-53.952792	
1.00000	-5.412700	-7.224708	-0.537345
-0.000443	-0.324487	-63.647074	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.705637	51.850274	0.966001
0.000451	1.079518	32.857969	
0.57747	0.705637	51.850274	0.966001
0.000451	0.674264	25.152661	
0.71832	0.705637	51.850274	0.966001
0.000451	0.269132	19.583206	
0.85916	0.705637	51.850274	0.966001
0.000451	0.121917	15.850874	
1.00000	0.705637	51.850274	0.966001
0.000451	0.495105	17.747981	

COMB DL-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.897921	-11.013252	-0.884436
-0.000949	-0.987327	-29.420803	
0.57747	-8.897921	-11.013252	-0.884436
-0.000949	-0.616492	-40.257115	
0.71832	-8.897921	-11.013252	-0.884436
-0.000949	-0.244262	-53.869394	
0.85916	-8.897921	-11.013252	-0.884436
-0.000949	-0.134243	-68.531751	
1.00000	-8.897921	-11.013252	-0.884436
-0.000949	-0.539350	-86.447168	

COMB DL-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.894911	97.202892	1.089832
0.000239	1.218044	179.062101	
0.57747	0.894911	97.202892	1.089832
0.000239	0.760682	151.174682	
0.71832	0.894911	97.202892	1.089832
0.000239	0.302943	124.977095	
0.85916	0.894911	97.202892	1.089832
0.000239	0.135730	100.054237	
1.00000	0.894911	97.202892	1.089832
0.000239	0.551898	79.137328	

COMB DL-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-11.322384	-9.800602	-0.987628
-0.000772	-1.101788	-26.575549	
0.57747	-11.322384	-9.800602	-0.987628
-0.000772	-0.687516	-36.609395	
0.71832	-11.322384	-9.800602	-0.987628
-0.000772	-0.271659	-48.621667	
0.85916	-11.322384	-9.800602	-0.987628

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-0.000772   -0.150899   -61.526286
 1.00000   -11.322384   -9.800602   -0.987628
-0.000772   -0.608457   -76.626135

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    6.557960   86.228646    1.234562
 0.003197   1.368672   169.237563
 0.57747    6.557960   86.228646    1.234562
 0.003197   0.851206   146.941218
 0.71832    6.557960   86.228646    1.234562
 0.003197   0.342724   133.500346
 0.85916    6.557960   86.228646    1.234562
 0.003197   0.164240   132.984588
 1.00000    6.557960   86.228646    1.234562
 0.003197   0.623045   144.992437

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -9.691292  -81.812543   -1.094690
-0.003473   -1.220402   -76.520545
 0.57747   -9.691292  -81.812543   -1.094690
-0.003473   -0.761708   -56.518704
 0.71832   -9.691292  -81.812543   -1.094690
-0.003473   -0.301550   -50.912108
 0.85916   -9.691292  -81.812543   -1.094690
-0.003473   -0.185865   -53.313689
 1.00000   -9.691292  -81.812543   -1.094690
-0.003473   -0.042030   -51.042460
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3533

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    0.688668   37.991259    0.388368
 0.000267   0.434318   70.508880
 0.57747    0.688668   37.991259    0.388368
 0.000267   0.271331   55.121388
 0.71832    0.688668   37.991259    0.388368
 0.000267   0.108242   40.274241
 0.85916    0.688668   37.991259    0.388368
 0.000267   0.048430   26.394012
 1.00000    0.688668   37.991259    0.388368
 0.000267   0.194952   16.400645

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -4.051963   -1.662603   -0.347971
-0.000391   -0.387647   -3.169914
 0.57747   -4.051963   -1.662603   -0.347971
-0.000391   -0.241432   -3.773103
 0.71832   -4.051963   -1.662603   -0.347971
-0.000391   -0.094826   -5.097434
 0.85916   -4.051963   -1.662603   -0.347971
-0.000391   -0.053706   -7.165465
 1.00000   -4.051963   -1.662603   -0.347971
-0.000391   -0.216450   -11.320888

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    4.175199   81.506803    0.644574
 0.004375   0.703193   216.651207
 0.57747    4.175199   81.506803    0.644574
 0.004375   0.433412   185.441442
 0.71832    4.175199   81.506803    0.644574
 0.004375   0.177872   163.900286
 0.85916    4.175199   81.506803    0.644574
 0.004375   0.093368   154.063109
 1.00000    4.175199   81.506803    0.644574
 0.004375   0.313946   147.909055

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -6.392693  -51.870172   -0.532672
-0.004392   -0.591936   -22.222600
 0.57747   -6.392693  -51.870172   -0.532672
-0.004392   -0.369253   -4.207264
 0.71832   -6.392693  -51.870172   -0.532672
-0.004392   -0.144893   -4.613645
 0.85916   -6.392693  -51.870172   -0.532672
-0.004392   -0.110176   -4.035714
 1.00000   -6.392693  -51.870172   -0.532672
-0.004392   -0.379916   -11.583472

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    3.968224   94.020815    1.025666
 0.004075   1.130896   193.361981
 0.57747    3.968224   94.020815    1.025666
 0.004075   0.701421   166.902497
 0.71832    3.968224   94.020815    1.025666
 0.004075   0.284403   150.175428
 0.85916    3.968224   94.020815    1.025666
 0.004075   0.140015   144.117334
 1.00000    3.968224   94.020815    1.025666
 0.004075   0.510796   140.556597

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -9.639430  -51.810961   -0.887503
-0.004325   -0.988234   -30.433298
 0.57747   -9.639430  -51.810961   -0.887503
-0.004325   -0.617000   -22.256049
 0.71832   -9.639430  -51.810961   -0.887503
-0.004325   -0.243166   -31.617270
 0.85916   -9.639430  -51.810961   -0.887503
-0.004325   -0.160988   -42.684885
 1.00000   -9.639430  -51.810961   -0.887503
-0.004325   -0.590529   -55.179934
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3534

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    8.605418   82.451836    1.265971
 0.002978   1.403707   162.568791
 0.57747    8.605418   82.451836    1.265971
 0.002978   0.873309   139.467184
 0.71832    8.605418   82.451836    1.265971
 0.002978   0.351669   123.593164
 0.85916    8.605418   82.451836    1.265971
 0.002978   0.167980   117.052389
 1.00000    8.605418   82.451836    1.265971
 0.002978   0.640604   129.669660

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -8.284287  -94.390754   -1.128167
-0.002976   -1.257531   -98.879303
 0.57747   -8.284287  -94.390754   -1.128167
-0.002976   -0.784925   -71.067449
 0.71832   -8.284287  -94.390754   -1.128167
-0.002976   -0.310357   -55.034076
 0.85916   -8.284287  -94.390754   -1.128167
-0.002976   -0.189264   -42.095845
 1.00000   -8.284287  -94.390754   -1.128167
-0.002976   -0.720062   -51.176048

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    8.891201   7.998199    0.722921
 0.000604   0.805043   7.004568
 0.57747    8.891201   7.998199    0.722921
 0.000604   0.500985   5.424636
 0.71832    8.891201   7.998199    0.722921
 0.000604   0.196342   4.853110
 0.85916    8.891201   7.998199    0.722921
 0.000604   0.095285   4.433661
 1.00000    8.891201   7.998199    0.722921
 0.000604   0.376878   4.024007

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -0.329255  -76.317951   -0.670726
-0.000263   -0.748231   -140.115011
 0.57747   -0.329255  -76.317951   -0.670726
-0.000263   -0.466978   -109.751801
 0.71832   -0.329255  -76.317951   -0.670726
-0.000263   -0.185691   -79.973535
 0.85916   -0.329255  -76.317951   -0.670726
-0.000263   -0.103953   -50.224471
 1.00000   -0.329255  -76.317951   -0.670726
-0.000263   -0.406881   -20.491412

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    14.817007   30.494096    1.027794
 0.006552   1.120930    89.887145
 0.57747    14.817007   30.494096    1.027794
 0.006552   0.689277    82.417346
 0.71832    14.817007   30.494096    1.027794
 0.006552   0.281063    89.073046
 0.85916    14.817007   30.494096    1.027794
 0.006552   0.152546    111.789096
 1.00000    14.817007   30.494096    1.027794
 0.006552   0.518553    134.898107

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -1.390246  -160.584478   -0.882744
-0.006089   -0.982829   -178.944805
 0.57747   -1.390246  -160.584478   -0.882744
-0.006089   -0.613395   -116.648686
 0.71832   -1.390246  -160.584478   -0.882744
-0.006089   -0.244039   -80.258322
 0.85916   -1.390246  -160.584478   -0.882744
-0.006089   -0.175905   -45.985948
 1.00000   -1.390246  -160.584478   -0.882744
-0.006089   -0.606985   -13.736906
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3535

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    13.028433   68.655082    1.183604
 0.004991   1.301984    182.077108
 0.57747    13.028433   68.655082    1.183604
 0.004991   0.805590    157.534868
 0.71832    13.028433   68.655082    1.183604
 0.004991   0.325386    143.312844
 0.85916    13.028433   68.655082    1.183604
 0.004991   0.166023    140.757712
 1.00000    13.028433   68.655082    1.183604
 0.004991   0.598349    138.590783

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -4.848665  -133.239744   -1.038109
-0.004604   -1.156150   -158.308350
 0.57747   -4.848665  -133.239744   -1.038109
-0.004604   -0.721339   -106.503240
 0.71832   -4.848665  -133.239744   -1.038109
-0.004604   -0.285636   -73.525105
 0.85916   -4.848665  -133.239744   -1.038109
-0.004604   -0.189322   -42.071484
 1.00000   -4.848665  -133.239744   -1.038109
-0.004604   -0.685574   -12.853108

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    11.207610   77.525545    1.339531
 0.004290   1.480293    160.495429
 0.57747    11.207610   77.525545    1.339531
 0.004290   0.918450    136.306379
 0.71832    11.207610   77.525545    1.339531
 0.004290   0.370066    123.046847
 0.85916    11.207610   77.525545    1.339531
 0.004290   0.182759    120.112533
 1.00000    11.207610   77.525545    1.339531
 0.004290   0.678645    119.636801

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -7.104160  -114.113452   -1.186611
-0.004146   -1.322171   -136.711353
 0.57747   -7.104160  -114.113452   -1.186611
-0.004146   -0.825079   -97.761563
 0.71832   -7.104160  -114.113452   -1.186611
-0.004146   -0.326390   -76.606144
 0.85916   -7.104160  -114.113452   -1.186611
-0.004146   -0.206299   -57.176860
 1.00000   -7.104160  -114.113452   -1.186611
-0.004146   -0.767941   -40.788343

COMB       DB ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    15.630053   95.532230    0.916571
 0.006644   1.004474    210.535399
 0.57747    15.630053   95.532230    0.916571
 0.006644   0.620860    177.161853
 0.71832    15.630053   95.532230    0.916571
 0.006644   0.251600    153.541509
 0.85916    15.630053   95.532230    0.916571
 0.006644   0.135389    144.722870
 1.00000    15.630053   95.532230    0.916571
 0.006644   0.489546    139.265259

COMB       DB ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.718905  -165.151581   -0.866244
-0.006142   -0.965563   -179.669044
 0.57747   -11.718905  -165.151581   -0.866244
-0.006142   -0.602319   -118.841773
 0.71832   -11.718905  -165.151581   -0.866244
-0.006142   -0.239058   -78.220347
 0.85916   -11.718905  -165.151581   -0.866244
-0.006142   -0.149106   -59.307289
 1.00000   -11.718905  -165.151581   -0.866244
-0.006142   -0.533591   -73.300840
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3536

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    14.817007   97.202892    1.339531
 0.006552   1.480293    216.651207
 0.57747    14.817007   97.202892    1.339531
 0.006552   0.918450    185.441442
 0.71832    14.817007   97.202892    1.339531
 0.006552   0.370066    163.900286
 0.85916    14.817007   97.202892    1.339531
 0.006552   0.182759    154.063109
 1.00000    14.817007   97.202892    1.339531
 0.006552   0.678645    147.909055

COMB       DL ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.322384  -160.584478   -1.186611
-0.006089   -1.322171   -178.944805
 0.57747   -11.322384  -160.584478   -1.186611
-0.006089   -0.825079   -116.648686
 0.71832   -11.322384  -160.584478   -1.186611
-0.006089   -0.326390   -80.258322
 0.85916   -11.322384  -160.584478   -1.186611
-0.006089   -0.206299   -68.531751
 1.00000   -11.322384  -160.584478   -1.186611
-0.006089   -0.767941   -86.447168

COMB       CAR ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    15.630053   97.202892    1.339531
 0.006644   1.480293    216.651207
 0.57747    15.630053   97.202892    1.339531
 0.006644   0.918450    185.441442
 0.71832    15.630053   97.202892    1.339531
 0.006644   0.370066    163.900286
 0.85916    15.630053   97.202892    1.339531
 0.006644   0.182759    154.063109
 1.00000    15.630053   97.202892    1.339531
 0.006644   0.678645    147.909055

COMB       CAR ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.718905  -165.151581   -1.186611
-0.006142   -1.322171   -179.669044
 0.57747   -11.718905  -165.151581   -1.186611
-0.006142   -0.825079   -118.841773
 0.71832   -11.718905  -165.151581   -1.186611
-0.006142   -0.326390   -80.258322
 0.85916   -11.718905  -165.151581   -1.186611
-0.006142   -0.206299   -68.531751
 1.00000   -11.718905  -165.151581   -1.186611
-0.006142   -0.767941   -86.447168

COMB  DESIGN ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.43663    15.630053   97.202892    1.339531
 0.006644   1.480293    216.651207
 0.57747    15.630053   97.202892    1.339531
 0.006644   0.918450    185.441442
 0.71832    15.630053   97.202892    1.339531
 0.006644   0.370066    163.900286
 0.85916    15.630053   97.202892    1.339531
 0.006644   0.182759    154.063109
 1.00000    15.630053   97.202892    1.339531
 0.006644   0.678645    147.909055

COMB  DESIGN ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.43663   -11.718905  -165.151581   -1.186611
-0.006142   -1.322171   -179.669044
 0.57747   -11.718905  -165.151581   -1.186611
-0.006142   -0.825079   -118.841773
 0.71832   -11.718905  -165.151581   -1.186611
-0.006142   -0.326390   -80.258322
 0.85916   -11.718905  -165.151581   -1.186611
-0.006142   -0.206299   -68.531751
 1.00000   -11.718905  -165.151581   -1.186611
-0.006142   -0.767941   -86.447168
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3537

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      335 ================== LENGTH
=    2.977334

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.059418   18.090562    0.451842
 1.07E-05   0.255018   5.917646
 0.14084    0.059418   18.090562    0.451842
 1.07E-05   0.065507   7.608936
 0.28168    0.059418   18.090562    0.451842
 1.07E-05   0.108674   9.380115
 0.42253    0.059418   18.090562    0.451842
 1.07E-05   0.272905   11.169397
 0.56337    0.059418   18.090562    0.451842
 1.07E-05   0.437135   12.970757

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.706579  -4.313346   -0.391646
-0.000205   0.221989   -52.468245
 0.14084   -4.706579  -4.313346   -0.391646
-0.000205   -0.055522   -59.932016
 0.28168   -4.706579  -4.313346   -0.391646
-0.000205   -0.123953   -67.421615
 0.42253   -4.706579  -4.313346   -0.391646
-0.000205   -0.192384   -74.932201
 0.56337   -4.706579  -4.313346   -0.391646
-0.000205   -0.502872   -82.471452

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.498250   45.073882    0.745582
 0.000281   0.421562   11.945829
 0.14084    0.498250   45.073882    0.745582
 0.000281   0.108869   12.584144
 0.28168    0.498250   45.073882    0.745582
 0.000281   0.184744   13.843367
 0.42253    0.498250   45.073882    0.745582
 0.000281   0.462156   15.917548
 0.56337    0.498250   45.073882    0.745582
 0.000281   0.739564   18.333223

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -8.652805  -6.140110   -0.661572
-0.000638   -0.370202   -73.330927
 0.14084   -8.652805  -6.140110   -0.661572
-0.000638   -0.093346   -89.499640
 0.28168   -8.652805  -6.140110   -0.661572
-0.000638   -0.204477   -106.175527
 0.42253   -8.652805  -6.140110   -0.661572
-0.000638   -0.516414   -123.101864
 0.56337   -8.652805  -6.140110   -0.661572
-0.000638   -0.829034   -141.066770

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.717652   94.583865    0.787986
 0.000416   0.444050   60.231970
 0.14084    0.717652   94.583865    0.787986
 0.000416   0.113435   39.640111
 0.28168    0.717652   94.583865    0.787986
 0.000416   0.204980   34.701745
 0.42253    0.717652   94.583865    0.787986
 0.000416   0.512137   33.842041
 0.56337    0.717652   94.583865    0.787986
 0.000416   0.819278   34.318478

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -11.573925  -5.724874   -0.732450
-0.000782   -0.409356   -64.910728
 0.14084   -11.573925  -5.724874   -0.732450
-0.000782   -0.102273   -76.533789
 0.28168   -11.573925  -5.724874   -0.732450
-0.000782   -0.216605   -89.688820
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3538

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.42253   -11.573925  -5.724874   -0.732450
-0.000782   -0.547232   -126.325581
 0.56337   -11.573925  -5.724874   -0.732450
-0.000782   -0.877659   -165.734273

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    4.995275   116.954773    0.915912
 0.003972   0.532142   131.869909
 0.14084    4.995275   116.954773    0.915912
 0.003972   0.147905   117.325689
 0.28168    4.995275   116.954773    0.915912
 0.003972   0.219676   115.641675
 0.42253    4.995275   116.954773    0.915912
 0.003972   0.551043   126.108373
 0.56337    4.995275   116.954773    0.915912
 0.003972   0.882386   144.030703

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -11.686762  -52.662283   -0.790166
-0.004113   -0.444358   -56.050068
 0.14084   -11.686762  -52.662283   -0.790166
-0.004113   -0.123232   -66.515177
 0.28168   -11.686762  -52.662283   -0.790166
-0.004113   -0.250446   -78.406950
 0.42253   -11.686762  -52.662283   -0.790166
-0.004113   -0.621003   -109.635110
 0.56337   -11.686762  -52.662283   -0.790166
-0.004113   -1.004648   -150.793025

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    0.623064   39.339700    0.281159
 0.000207   0.158524   13.663669
 0.14084    0.623064   39.339700    0.281159
 0.000207   0.040591   8.583809
 0.28168    0.623064   39.339700    0.281159
 0.000207   0.076889   7.087309
 0.42253    0.623064   39.339700    0.281159
 0.000207   0.191047   6.579303
 0.56337    0.623064   39.339700    0.281159
 0.000207   0.305202   6.446622

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -4.703108  -1.362333   -0.272230
-0.000359   -0.151467   -11.234879
 0.14084   -4.703108  -1.362333   -0.272230
-0.000359   -0.037400   -15.053381
 0.28168   -4.703108  -1.362333   -0.272230
-0.000359   -0.077235   -29.776432
 0.42253   -4.703108  -1.362333   -0.272230
-0.000359   -0.195147   -45.470101
 0.56337   -4.703108  -1.362333   -0.272230
-0.000359   -0.313036   -61.686339

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.405758   132.981352   0.458330
 0.005217   0.278489   139.521901
 0.14084    1.405758   132.981352   0.458330
 0.005217   0.086119   94.295206
 0.28168    1.405758   132.981352   0.458330
 0.005217   0.109478   65.922857
 0.42253    1.405758   132.981352   0.458330
 0.005217   0.272956   53.891952
 0.56337    1.405758   132.981352   0.458330
 0.005217   0.436403   52.020216

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -9.844776  -8.950251   -0.389776
-0.005366   -0.219250   -11.186051
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                           3539

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
 0.14084   -9.844776  -8.950251   -0.389776
-0.005366   -0.069847   -15.208084
 0.28168   -9.844776  -8.950251   -0.389776
-0.005366   -0.125669   -21.163823
 0.42253   -9.844776  -8.950251   -0.389776
-0.005366   -0.299357   -52.779272
 0.56337   -9.844776  -8.950251   -0.389776
-0.005366   -0.490965   -97.804816

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    1.465755   135.625075   0.759129
 0.004706   0.446384   129.359243
 0.14084    1.465755   135.625075   0.759129
 0.004706   0.127836   89.838910
 0.28168    1.465755   135.625075   0.759129
 0.004706   0.183005   65.473230
 0.42253    1.465755   135.625075   0.759129
 0.004706   0.457176   55.841674
 0.56337    1.465755   135.625075   0.759129
 0.004706   0.731318   55.390111

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
 0.00000   -12.480144  -11.023762   -0.653756
-0.005027   -0.366922   -47.843917
 0.14084   -12.480144  -11.023762   -0.653756
-0.005027   -0.105465   -57.886462
 0.28168   -12.480144  -11.023762   -0.653756
-0.005027   -0.208158   -69.835832
 0.42253   -12.480144  -11.023762   -0.653756
-0.005027   -0.509770   -105.117814
 0.56337   -12.480144  -11.023762   -0.653756
-0.005027   -0.827569   -152.175310

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
 0.00000    7.596504   108.099662   0.916389
 0.003517   0.530126   117.189426
 0.14084    7.596504   108.099662   0.916389
 0.003517   0.145701   113.564656
```

0.28168	7.596504	108.099662	0.916389
0.003517	0.225902	123.199323	
0.42253	7.596504	108.099662	0.916389
0.003517	0.567157	143.272700	
0.56337	7.596504	108.099662	0.916389
0.003517	0.908373	169.619224	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.253373	-71.634117	-0.813707
-0.003645	-0.457604	-42.912496	
0.14084	-10.253373	-71.634117	-0.813707
-0.003645	-0.124715	-52.241328	
0.28168	-10.253373	-71.634117	-0.813707
-0.003645	-0.250133	-63.058167	
0.42253	-10.253373	-71.634117	-0.813707
-0.003645	-0.375441	-93.536192	
0.56337	-10.253373	-71.634117	-0.813707
-0.003645	-1.007366	-132.343737	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.455180	5.685728	0.487180
0.000724	0.276804	3.037581	
0.14084	9.455180	5.685728	0.487180
0.000724	0.072529	23.491110	
0.28168	9.455180	5.685728	0.487180
0.000724	0.126204	55.686936	
0.42253	9.455180	5.685728	0.487180
0.000724	0.325069	88.143127	
0.56337	9.455180	5.685728	0.487180
0.000724	0.521929	120.698512	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3540

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.319940	-77.811146	-0.469459
-0.000469	-0.265513	-10.835768	
0.14084	-0.319940	-77.811146	-0.469459
-0.000469	-0.068609	-7.248478	
0.28168	-0.319940	-77.811146	-0.469459
-0.000469	-0.131945	-8.823142	
0.42253	-0.319940	-77.811146	-0.469459
-0.000469	-0.336147	-10.593102	
0.56337	-0.319940	-77.811146	-0.469459
-0.000469	-0.540376	-12.763607	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753220	86.771645	0.735862
0.006673	0.441727	122.978334	
0.14084	11.753220	86.771645	0.735862
0.006673	0.133299	128.507253	
0.28168	11.753220	86.771645	0.735862
0.006673	0.164786	138.585534	
0.42253	11.753220	86.771645	0.735862
0.006673	0.196272	165.743910	
0.56337	11.753220	86.771645	0.735862
0.006673	0.671160	204.325338	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.585335	-103.997949	-0.603763
-0.006373	-0.343767	-7.258089	
0.14084	-4.585335	-103.997949	-0.603763
-0.006373	-0.107501	-9.673830	
0.28168	-4.585335	-103.997949	-0.603763
-0.006373	-0.199646	-12.124062	
0.42253	-4.585335	-103.997949	-0.603763
-0.006373	-0.485579	-16.865434	
0.56337	-4.585335	-103.997949	-0.603763
-0.006373	-0.793431	-38.940124	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.981329	112.563743	0.807939
0.005028	0.474448	121.617922	
0.14084	10.981329	112.563743	0.807939
0.005028	0.135549	118.005961	
0.28168	10.981329	112.563743	0.807939
0.005028	0.202212	129.852007	
0.42253	10.981329	112.563743	0.807939
0.005028	0.509826	155.611423	
0.56337	10.981329	112.563743	0.807939
0.005028	0.817407	189.971632	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.770000	-93.480823	-0.733498
-0.004847	-0.414430	-8.255025	
0.14084	-7.770000	-93.480823	-0.733498
-0.004847	-0.180507	-10.536598	
0.28168	-7.770000	-93.480823	-0.733498
-0.004847	-0.219684	-14.752529	
0.42253	-7.770000	-93.480823	-0.733498
-0.004847	-0.543024	-42.607788	
0.56337	-7.770000	-93.480823	-0.733498
-0.004847	-0.881330	-81.011578	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.503178	110.243439	0.945282
0.004191	0.543178	103.372587	
0.14084	9.503178	110.243439	0.945282
0.004191	0.152338	101.273695	
0.28168	9.503178	110.243439	0.945282
0.004191	0.236938	112.070619	
0.42253	9.503178	110.243439	0.945282
0.004191	0.595578	134.434176	
0.56337	9.503178	110.243439	0.945282
0.004191	0.954190	163.910742	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3541

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.543708	-79.885370	-0.855196
-0.004197	-0.481526	-33.378294	
0.14084	-9.543708	-79.885370	-0.855196
-0.004197	-0.132586	-41.732329	
0.28168	-9.543708	-79.885370	-0.855196
-0.004197	-0.257626	-51.517574	
0.42253	-9.543708	-79.885370	-0.855196
-0.004197	-0.641242	-80.833514	
0.56337	-9.543708	-79.885370	-0.855196
-0.004197	-1.037223	-119.468364	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114481	23.545123	0.588713
7.79E-06	0.331162	11.152624	
0.14084	0.114481	23.545123	0.588713
7.79E-06	0.084412	14.057304	
0.28168	0.114481	23.545123	0.588713
7.79E-06	0.149667	17.029975	
0.42253	0.114481	23.545123	0.588713
7.79E-06	0.379857	20.021935	
0.56337	0.114481	23.545123	0.588713
7.79E-06	0.609822	23.021414	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.382246	-7.166770	-0.548256
-0.000177	-0.309139	-63.671898	
0.14084	-5.382246	-7.166770	-0.548256
-0.000177	-0.078223	-73.413540	
0.28168	-5.382246	-7.166770	-0.548256
-0.000177	-0.161560	-83.206518	
0.42253	-5.382246	-7.166770	-0.548256
-0.000177	-0.408807	-93.030308	
0.56337	-5.382246	-7.166770	-0.548256
-0.000177	-0.655682	-102.883712	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.651547	52.498491	0.983631
0.000210	0.554318	17.771238	
0.14084	0.651547	52.498491	0.983631
0.000210	0.141875	20.151745	
0.28168	0.651547	52.498491	0.983631
0.000210	0.243482	23.373642	
0.42253	0.651547	52.498491	0.983631
0.000210	0.617515	27.032340	
0.56337	0.651547	52.498491	0.983631
0.000210	0.989945	31.006791	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.906902	-9.841691	-0.888924
-0.000498	-0.499788	-86.494416	
0.14084	-8.906902	-9.841691	-0.888924
-0.000498	-0.125901	-105.724521	
0.28168	-8.906902	-9.841691	-0.888924
-0.000498	-0.269715	-125.691632	
0.42253	-8.906902	-9.841691	-0.888924
-0.000498	-0.682437	-146.532745	
0.56337	-8.906902	-9.841691	-0.888924
-0.000498	-1.095169	-168.040399	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.915670	96.344452	1.095098
0.000355	0.613880	79.130524	
0.14084	0.915670	96.344452	1.095098
0.000355	0.154588	61.460581	
0.28168	0.915670	96.344452	1.095098
0.000355	0.269853	50.611508	
0.42253	0.915670	96.344452	1.095098
0.000355	0.682607	48.081636	
0.56337	0.915670	96.344452	1.095098
0.000355	1.093220	48.792196	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3542

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.212959	-9.754266	-0.979966
-0.000651	-0.547445	-76.660257	
0.14084	-11.212959	-9.754266	-0.979966
-0.000651	-0.135490	-91.819692	
0.28168	-11.212959	-9.754266	-0.979966
-0.000651	-0.302545	-108.972368	
0.42253	-11.212959	-9.754266	-0.979966
-0.000651	-0.762676	-143.588444	
0.56337	-11.212959	-9.754266	-0.979966
-0.000651	-1.222086	-181.156269	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.886091	111.412029	1.252325
0.003086	0.716349	144.986064	
0.14084	4.886091	111.412029	1.252325
0.003086	0.191078	136.559926	
0.28168	4.886091	111.412029	1.252325
0.003086	0.300398	133.755269	
0.42253	4.886091	111.412029	1.252325
0.003086	0.772101	143.949428	
0.56337	4.886091	111.412029	1.252325
0.003086	1.218034	162.005819	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.059746	-54.665194	-1.093583
-0.003219	-0.623022	-67.061672	
0.14084	-11.059746	-54.665194	-1.093583
-0.003219	-0.165697	-80.917638	
0.28168	-11.059746	-54.665194	-1.093583
-0.003219	-0.343929	-96.609360	
0.42253	-11.059746	-54.665194	-1.093583
-0.003219	-0.860652	-126.531521	
0.56337	-11.059746	-54.665194	-1.093583
-0.003219	-1.385390	-166.761413	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.695680	37.742217	0.393587
0.000179	0.221093	16.393837	
0.14084	0.695680	37.742217	0.393587
0.000179	0.056545	9.215794	
0.28168	0.695680	37.742217	0.393587
0.000179	0.093299	7.165193	
0.42253	0.695680	37.742217	0.393587
0.000179	0.235185	6.651260	
0.56337	0.695680	37.742217	0.393587
0.000179	0.376604	6.689165	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.023680	-1.620401	-0.336982
-0.000291	-0.187291	-11.330089	
0.14084	-4.023680	-1.620401	-0.336982
-0.000291	-0.045564	-17.044585	
0.28168	-4.023680	-1.620401	-0.336982
-0.000291	-0.108415	-29.719588	
0.42253	-4.023680	-1.620401	-0.336982
-0.000291	-0.273794	-44.407883	
0.56337	-4.023680	-1.620401	-0.336982
-0.000291	-0.438861	-59.650381	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.552144	120.200210	0.641323
0.004474	0.377958	147.909659	
0.14084	1.552144	120.200210	0.641323
0.004474	0.109425	108.230226	
0.28168	1.552144	120.200210	0.641323
0.004474	0.142782	75.920566	
0.42253	1.552144	120.200210	0.641323
0.004474	0.360028	62.162531	
0.56337	1.552144	120.200210	0.641323
0.004474	0.575743	59.603353	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3543

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.538799	-9.869179	-0.515695
-0.004579	-0.301411	-11.584854	
0.14084	-8.538799	-9.869179	-0.515695
-0.004579	-0.088492	-16.300242	
0.28168	-8.538799	-9.869179	-0.515695
-0.004579	-0.177281	-24.407320	
0.42253	-8.538799	-9.869179	-0.515695
-0.004579	-0.431631	-50.672644	
0.56337	-8.538799	-9.869179	-0.515695
-0.004579	-0.700102	-91.886060	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.600407	128.934683	1.031331
0.004039	0.595991	140.572953	
0.14084	1.600407	128.934683	1.031331
0.004039	0.163815	106.723223	
0.28168	1.600407	128.934683	1.031331
0.004039	0.240919	79.570847	
0.42253	1.600407	128.934683	1.031331
0.004039	0.609172	69.253909	
0.56337	1.600407	128.934683	1.031331
0.004039	0.976155	68.988910	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.556380	-13.783025	-0.875360
-0.004292	-0.502581	-55.201722	
0.14084	-11.556380	-13.783025	-0.875360
-0.004292	-0.137665	-67.778157	
0.28168	-11.556380	-13.783025	-0.875360
-0.004292	-0.284154	-83.719183	
0.42253	-11.556380	-13.783025	-0.875360
-0.004292	-0.703557	-115.878541	
0.56337	-11.556380	-13.783025	-0.875360
-0.004292	-1.135590	-161.490551	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.238790	103.287885	1.288477
0.002802	0.734969	129.638182	
0.14084	7.238790	103.287885	1.288477
0.002802	0.194325	130.580907	
0.28168	7.238790	103.287885	1.288477
0.002802	0.308783	137.204634	
0.42253	7.238790	103.287885	1.288477
0.002802	0.781034	156.075807	
0.56337	7.238790	103.287885	1.288477
0.002802	1.251760	181.804280	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.407413	-72.042268	-1.123042
-0.002887	-0.637648	-51.184034	
0.14084	-9.407413	-72.042268	-1.123042
-0.002887	-0.167815	-63.231333	
0.28168	-9.407413	-72.042268	-1.123042
-0.002887	-0.354018	-77.923621	
0.42253	-9.407413	-72.042268	-1.123042
-0.002887	-0.878712	-104.675359	
0.56337	-9.407413	-72.042268	-1.123042
-0.002887	-1.427185	-144.057957	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.948000	7.990371	0.741827
0.000624	0.418587	4.017665	
0.14084	8.948000	7.990371	0.741827
0.000624	0.107072	23.602423	
0.28168	8.948000	7.990371	0.741827
0.000624	0.186083	55.003755	
0.42253	8.948000	7.990371	0.741827
0.000624	0.470627	86.788120	
0.56337	8.948000	7.990371	0.741827
0.000624	0.755094	118.818436	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3544

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.317473	-76.750155	-0.678498
-0.000368	-0.382905	-20.519842	
0.14084	-0.317473	-76.750155	-0.678498
-0.000368	-0.098055	-13.386870	
0.28168	-0.317473	-76.750155	-0.678498
-0.000368	-0.201997	-15.804865	
0.42253	-0.317473	-76.750155	-0.678498
-0.000368	-0.513350	-18.622543	
0.56337	-0.317473	-76.750155	-0.678498
-0.000368	-0.825295	-21.823752	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.146955	86.240856	1.050749
0.006542	0.620267	134.928409	
0.14084	11.146955	86.240856	1.050749
0.006542	0.179219	140.211295	
0.28168	11.146955	86.240856	1.050749
0.006542	0.244693	149.801454	
0.42253	11.146955	86.240856	1.050749
0.006542	0.618979	173.919441	
0.56337	11.146955	86.240856	1.050749
0.006542	0.993324	210.707055	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.518958	-101.575389	-0.894534
-0.006256	-0.526870	-13.739533	
0.14084	-4.518958	-101.575389	-0.894534
-0.006256	-0.156576	-16.511752	
0.28168	-4.518958	-101.575389	-0.894534
-0.006256	-0.284902	-20.442925	
0.42253	-4.518958	-101.575389	-0.894534
-0.006256	-0.705244	-26.821243	
0.56337	-4.518958	-101.575389	-0.894534
-0.006256	-1.146090	-52.954184	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.405619	108.494682	1.199623
0.005053	0.694066	138.585312	
0.14084	10.405619	108.494682	1.199623
0.005053	0.190419	135.068141	
0.28168	10.405619	108.494682	1.199623
0.005053	0.284611	138.649614	
0.42253	10.405619	108.494682	1.199623
0.005053	0.718086	159.871922	
0.56337	10.405619	108.494682	1.199623
0.005053	1.150736	191.833099	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.051794	-90.837498	-1.033028
-0.004870	-0.595079	-12.850915	
0.14084	-7.051794	-90.837498	-1.033028
-0.004870	-0.165096	-15.962845	
0.28168	-7.051794	-90.837498	-1.033028
-0.004870	-0.328485	-23.592996	
0.42253	-7.051794	-90.837498	-1.033028
-0.004870	-0.817215	-45.882605	
0.56337	-7.051794	-90.837498	-1.033028
-0.004870	-1.320533	-82.654719	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.036789	110.420428	1.362010
0.004228	0.782598	119.640320	
0.14084	9.036789	110.420428	1.362010
0.004228	0.210955	118.224091	
0.28168	9.036789	110.420428	1.362010
0.004228	0.324923	122.626909	
0.42253	9.036789	110.420428	1.362010
0.004228	0.820923	141.655238	
0.56337	9.036789	110.420428	1.362010
0.004228	1.315820	169.626729	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3545

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.912626	-78.916081	-1.181009
-0.004194	-0.675356	-40.805218	
0.14084	-8.912626	-78.916081	-1.181009
-0.004194	-0.182458	-51.399158	
0.28168	-8.912626	-78.916081	-1.181009
-0.004194	-0.373026	-65.504820	
0.42253	-8.912626	-78.916081	-1.181009
-0.004194	-0.932455	-92.163411	
0.56337	-8.912626	-78.916081	-1.181009
-0.004194	-1.503834	-130.980951	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753220	135.625075	0.945282
0.006673	0.548791	139.521901	
0.14084	11.753220	135.625075	0.945282
0.006673	0.152338	128.507253	
0.28168	11.753220	135.625075	0.945282
0.006673	0.236938	138.585534	
0.42253	11.753220	135.625075	0.945282
0.006673	0.595578	165.743910	
0.56337	11.753220	135.625075	0.945282
0.006673	0.954190	204.325338	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.480144	-103.997949	-0.855196
-0.006373	-0.481526	-73.330927	
0.14084	-12.480144	-103.997949	-0.855196
-0.006373	-0.132586	-89.499640	
0.28168	-12.480144	-103.997949	-0.855196
-0.006373	-0.257626	-106.175527	
0.42253	-12.480144	-103.997949	-0.855196
-0.006373	-0.641242	-126.325581	
0.56337	-12.480144	-103.997949	-0.855196
-0.006373	-1.037223	-165.734273	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.146955	128.934683	1.362010
0.006542	0.782598	147.909659	
0.14084	11.146955	128.934683	1.362010
0.006542	0.210955	140.211295	
0.28168	11.146955	128.934683	1.362010
0.006542	0.324923	149.801454	
0.42253	11.146955	128.934683	1.362010
0.006542	0.820923	173.919441	
0.56337	11.146955	128.934683	1.362010
0.006542	1.315820	210.707055	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.556380	-101.575389	-1.181009
-0.006256	-0.675356	-86.494416	
0.14084	-11.556380	-101.575389	-1.181009
-0.006256	-0.182458	-105.724521	
0.28168	-11.556380	-101.575389	-1.181009
-0.006256	-0.373026	-125.691632	
0.42253	-11.556380	-101.575389	-1.181009
-0.006256	-0.932455	-146.532745	
0.56337	-11.556380	-101.575389	-1.181009
-0.006256	-1.503834	-181.156269	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753220	135.625075	1.362010
0.006673	0.782598	147.909659	
0.14084	11.753220	135.625075	1.362010
0.006673	0.210955	140.211295	
0.28168	11.753220	135.625075	1.362010
0.006673	0.324923	149.801454	
0.42253	11.753220	135.625075	1.362010
0.006673	0.820923	173.919441	
0.56337	11.753220	135.625075	1.362010
0.006673	1.315820	210.707055	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3546

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.480144	-103.997949	-1.181009
-0.006373	-0.675356	-86.494416	
0.14084	-12.480144	-103.997949	-1.181009
-0.006373	-0.182458	-105.724521	
0.28168	-12.480144	-103.997949	-1.181009
-0.006373	-0.373026	-125.691632	
0.42253	-12.480144	-103.997949	-1.181009
-0.006373	-0.932455	-146.532745	
0.56337	-12.480144	-103.997949	-1.181009
-0.006373	-1.503834	-181.156269	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753220	135.625075	1.362010
0.006673	0.782598	147.909659	
0.14084	11.753220	135.625075	1.362010
0.006673	0.210955	140.211295	
0.28168	11.753220	135.625075	1.362010
0.006673	0.324923	149.801454	
0.42253	11.753220	135.625075	1.362010
0.006673	0.820923	173.919441	
0.56337	11.753220	135.625075	1.362010
0.006673	1.315820	210.707055	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.480144	-103.997949	-1.181009
-0.006373	-0.675356	-86.494416	
0.14084	-12.480144	-103.997949	-1.181009
-0.006373	-0.182458	-105.724521	
0.28168	-12.480144	-103.997949	-1.181009
-0.006373	-0.373026	-125.691632	
0.42253	-12.480144	-103.997949	-1.181009
-0.006373	-0.932455	-146.532745	
0.56337	-12.480144	-103.997949	-1.181009
-0.006373	-1.503834	-181.156269	

ELEM 336 ========== LENGTH = 2.977407

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.507616	15,431047	0.381067
1.22E-05	0.426940	2.550869	
0.57747	0.507616	15,431047	0.381067
1.22E-05	0.667139	2.458139	
0.71831	0.507616	15,431047	0.381067
1.22E-05	0.107356	2.785972	
0.85916	0.507616	15,431047	0.381067
1.22E-05	0.037045	5.272108	
1.00000	0.507616	15,431047	0.381067
1.22E-05	0.150424	8.192023	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-4.053951	-7.721690	-0.270388
-0.000838	-0.303127	-23.696031	
0.57747	-4.053951	-7.721690	-0.270388
-0.000838	-0.189740	-29.575792	
0.71831	-4.053951	-7.721690	-0.270388
-0.000838	-0.076352	-35.512001	
0.85916	-4.053951	-7.721690	-0.270388
-0.000838	-0.052389	-41.473539	
1.00000	-4.053951	-7.721690	-0.270388
-0.000838	-0.212267	-47.542046	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.919391	39.547435	0.630463
0.000301	0.705608	29.139874	
0.57747	0.919391	39.547435	0.630463
0.000301	0.441229	21.339784	
0.71831	0.919391	39.547435	0.630463
0.000301	0.177471	14.488266	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3547

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.85916	0.919391	39.547435	0.630463
0.000301	0.069023	11.709231	
1.00000	0.919391	39.547435	0.630463
0.000301	0.271013	14.797080	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-8.106902	-13.308331	-0.482736
-0.001645	-0.538732	-30.118082	
0.57747	-8.106902	-13.308331	-0.482736
-0.001645	-0.336295	-36.300636	
0.71831	-8.106902	-13.308331	-0.482736
-0.001645	-0.133859	-45.117302	
0.85916	-8.106902	-13.308331	-0.482736
-0.001645	-0.067489	-56.280871	
1.00000	-8.106902	-13.308331	-0.482736
-0.001645	-0.351992	-68.140854	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.955089	91.610035	0.748406
5.21E-05	0.837587	170.457454	
0.57747	0.955089	91.610035	0.748406
5.21E-05	0.523761	139.937316	
0.71831	0.955089	91.610035	0.748406
5.21E-05	0.209922	109.803276	
0.85916	0.955089	91.610035	0.748406
5.21E-05	0.078239	82.756816	
1.00000	0.955089	91.610035	0.748406
5.21E-05	0.304532	59.381655	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-11.369159	-10.468721	-0.539641
-0.001284	-0.600780	-28.001251	
0.57747	-11.369159	-10.468721	-0.539641
-0.001284	-0.374491	-34.246092	
0.71831	-11.369159	-10.468721	-0.539641
-0.001284	-0.148202	-41.871149	
0.85916	-11.369159	-10.468721	-0.539641
-0.001284	-0.104012	-51.053035	
1.00000	-11.369159	-10.468721	-0.539641
-0.001284	-0.417834	-60.608692	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	7.433150	81.790604	0.959337
0.004001	1.062267	159.244312	
0.57747	7.433150	81.790604	0.959337
0.004001	0.560115	133.757444	
0.71831	7.433150	81.790604	0.959337
0.004001	0.270614	117.487483	
0.85916	7.433150	81.790604	0.959337
0.004001	0.104041	115.787226	
1.00000	7.433150	81.790604	0.959337
0.004001	0.373814	128.526667	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-9.771959	-91.511118	-0.663740
-0.004549	-0.739589	-84.008514	
0.57747	-9.771959	-91.511118	-0.663740
-0.004549	-0.461281	-59.054405	
0.71831	-9.771959	-91.511118	-0.663740
-0.004549	-0.182957	-47.172712	
0.85916	-9.771959	-91.511118	-0.663740
-0.004549	-0.148249	-43.909295	
1.00000	-9.771959	-91.511118	-0.663740
-0.004549	-0.548841	-53.204154	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.509145	38.370204	0.238253
0.000169	0.266521	67.322765	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3548

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.57747	0.509145	38.370204	0.238253
0.000169	0.166610	51.806052	
0.71831	0.509145	38.370204	0.238253
0.000169	0.066677	36.662749	
0.85916	0.509145	38.370204	0.238253
0.000169	0.033641	22.263278	
1.00000	0.509145	38.370204	0.238253
0.000169	0.126413	13.502773	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-5.023683	-3.085634	-0.221334
-0.000598	-0.244865	-6.659813	
0.57747	-5.023683	-3.085634	-0.221334
-0.000598	-0.152050	-5.577114	
0.71831	-5.023683	-3.085634	-0.221334
-0.000598	-0.059247	-6.230215	
0.85916	-5.023683	-3.085634	-0.221334
-0.000598	-0.033199	-8.876731	
1.00000	-5.023683	-3.085634	-0.221334
-0.000598	-0.133144	-12.061166	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	4.518117	86.051919	0.534261
0.004872	0.578517	204.545669	
0.57747	4.518117	86.051919	0.534261
0.004872	0.354672	171.066047	
0.71831	4.518117	86.051919	0.534261
0.004872	0.148078	147.806467	
0.85916	4.518117	86.051919	0.534261
0.004872	0.062602	139.168849	
1.00000	4.518117	86.051919	0.534261
0.004872	0.191904	134.256379	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-7.779551	-60.573314	-0.336434
-0.005113	-0.372457	-26.101115	
0.57747	-7.779551	-60.573314	-0.336434
-0.005113	-0.231416	-7.198980	
0.71831	-7.779551	-60.573314	-0.336434
-0.005113	-0.090377	-6.207353	
0.85916	-7.779551	-60.573314	-0.336434
-0.005113	-0.095560	-8.813638	
1.00000	-7.779551	-60.573314	-0.336434
-0.005113	-0.319481	-12.116492	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	4.430451	91.168327	0.770471
0.004393	0.845177	183.437497	
0.57747	4.430451	91.168327	0.770471
0.004393	0.522256	154.021869	
0.71831	4.430451	91.168327	0.770471
0.004393	0.214902	133.781234	
0.85916	4.430451	91.168327	0.770471
0.004393	0.086229	128.162145	
1.00000	4.430451	91.168327	0.770471
0.004393	0.292024	125.947579	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-10.347897	-60.141732	-0.516119
-0.005259	-0.573717	-35.242756	
0.57747	-10.347897	-60.141732	-0.516119
-0.005259	-0.357308	-24.317597	
0.71831	-10.347897	-60.141732	-0.516119
-0.005259	-0.140929	-29.320187	
0.85916	-10.347897	-60.141732	-0.516119
-0.005259	-0.125801	-37.235002	
1.00000	-10.347897	-60.141732	-0.516119
-0.005259	-0.448858	-45.697782	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3549

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	9.284035	80.982018	1.009026
0.003610	1.121493	157.763106	
0.57747	9.284035	80.982018	1.009026
0.003610	0.698479	131.464100	
0.71831	9.284035	80.982018	1.009026
0.003610	0.285829	111.563970	
0.85916	9.284035	80.982018	1.009026
0.003610	0.112513	103.603593	
1.00000	9.284035	80.982018	1.009026
0.003610	0.411723	113.017556	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-9.058937	-101.425356	-0.730113
-0.003633	-0.812988	-108.459861	
0.57747	-9.058937	-101.425356	-0.730113
-0.003633	-0.506849	-76.867985	
0.71831	-9.058937	-101.425356	-0.730113
-0.003633	-0.200705	-55.950651	
0.85916	-9.058937	-101.425356	-0.730113
-0.003633	-0.153522	-37.171703	
1.00000	-9.058937	-101.425356	-0.730113
-0.003633	-0.573991	-42.257921	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	9.002764	9.696288	0.632345
0.001035	0.709114	11.469432	
0.57747	9.002764	9.696288	0.632345
0.001035	0.444547	7.673865	
0.71831	9.002764	9.696288	0.632345
0.001035	0.180780	4.331092	
0.85916	9.002764	9.696288	0.632345
0.001035	0.073440	3.615171	
1.00000	9.002764	9.696288	0.632345
0.001035	0.290723	3.164892	

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-0.693147	-73.240904	-0.517994
-7.17E-06	-0.578162	-134.412076	
0.57747	-0.693147	-73.240904	-0.517994
-7.17E-06	-0.360939	-103.740599	
0.71831	-0.693147	-73.240904	-0.517994
-7.17E-06	-0.143702	-73.096635	
0.85916	-0.693147	-73.240904	-0.517994
-7.17E-06	-0.091011	-42.459840	
1.00000	-0.693147	-73.240904	-0.517994
-7.17E-06	-0.353816	-11.864319	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	15.347210	34.812323	0.977853
0.007080	1.073715	88.698355	
0.57747	15.347210	34.812323	0.977853
0.007080	0.664670	77.220504	
0.71831	15.347210	34.812323	0.977853
0.007080	0.277192	78.278026	
0.85916	15.347210	34.812323	0.977853
0.007080	0.110128	98.352149	
1.00000	15.347210	34.812323	0.977853
0.007080	0.379431	119.882970	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-1.977057	-160.139365	-0.676289
-0.005706	-0.754962	-174.646797	
0.57747	-1.977057	-160.139365	-0.676289
-0.005706	-0.471346	-115.369772	
0.71831	-1.977057	-160.139365	-0.676289
-0.005706	-0.187717	-76.092208	
0.85916	-1.977057	-160.139365	-0.676289
-0.005706	-0.164347	-39.174198	
1.00000	-1.977057	-160.139365	-0.676289
-0.005706	-0.571225	-9.880622	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3550

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	13.148827	77.817869	1.030057
0.005107	1.138847	182.698606	
0.57747	13.148827	77.817869	1.030057
0.005107	0.707774	152.354186	
0.71831	13.148827	77.817869	1.030057
0.005107	0.291571	130.734321	
0.85916	13.148827	77.817869	1.030057
0.005107	0.119010	122.421193	
1.00000	13.148827	77.817869	1.030057
0.005107	0.425173	115.894264	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-6.353523	-131.220127	-0.753509
-0.004084	-0.838766	-157.432604	
0.57747	-6.353523	-131.220127	-0.753509
-0.004084	-0.522783	-107.730513	
0.71831	-6.353523	-131.220127	-0.753509
-0.004084	-0.206866	-71.798611	
0.85916	-6.353523	-131.220127	-0.753509
-0.004084	-0.163946	-37.532578	
1.00000	-6.353523	-131.220127	-0.753509
-0.004084	-0.592790	-11.201251	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	11.280805	80.010354	1.088441
0.004265	1.206985	159.299394	
0.57747	11.280805	80.010354	1.088441
0.004265	0.751280	131.290773	
0.71831	11.280805	80.010354	1.088441
0.004265	0.307865	111.254407	
0.85916	11.280805	80.010354	1.088441
0.004265	0.125339	103.251371	
1.00000	11.280805	80.010354	1.088441
0.004265	0.455942	99.399486	

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-8.372921	-112.979610	-0.808225
-0.003931	-0.899775	-137.245227	
0.57747	-8.372921	-112.979610	-0.808225
-0.003931	-0.560885	-99.274716	
0.71831	-8.372921	-112.979610	-0.808225
-0.003931	-0.221986	-73.697986	
0.85916	-8.372921	-112.979610	-0.808225
-0.003931	-0.168010	-50.632129	
1.00000	-8.372921	-112.979610	-0.808225
-0.003931	-0.621957	-34.491706	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.640974	19.446608	0.517396
9.11E-06	0.578361	3.328525	
0.57747	0.640974	19.446608	0.517396
9.11E-06	0.361369	3.065375	
0.71831	0.640974	19.446608	0.517396
9.11E-06	0.144073	4.879677	
0.85916	0.640974	19.446608	0.517396
9.11E-06	0.049108	8.619034	
1.00000	0.640974	19.446608	0.517396
9.11E-06	0.205276	12.624938	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-4.073895	-10.183538	-0.370431
-0.000811	-0.415254	-30.359431	
0.57747	-4.073895	-10.183538	-0.370431
-0.000811	-0.259717	-34.961811	
0.71831	-4.073895	-10.183538	-0.370431
-0.000811	-0.103840	-41.435303	
0.85916	-4.073895	-10.183538	-0.370431
-0.000811	-0.070883	-49.197665	
1.00000	-4.073895	-10.183538	-0.370431
-0.000811	-0.288636	-57.048902	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3551

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	1.051614	45.319160	0.884746
0.000230	0.989835	31.612056	
0.57747	1.051614	45.319160	0.884746
0.000230	0.618685	22.871012	
0.71831	1.051614	45.319160	0.884746
0.000230	0.247451	17.009232	
0.85916	1.051614	45.319160	0.884746
0.000230	0.086493	15.455758	
1.00000	1.051614	45.319160	0.884746
0.000230	0.350855	19.296308	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-8.242286	-15.817281	-0.629432
-0.001465	-0.702934	-37.255899	
0.57747	-8.242286	-15.817281	-0.629432
-0.001465	-0.438289	-42.939649	
0.71831	-8.242286	-15.817281	-0.629432
-0.001465	-0.173750	-52.138448	
0.85916	-8.242286	-15.817281	-0.629432
-0.001465	-0.121042	-64.339661	
1.00000	-8.242286	-15.817281	-0.629432
-0.001465	-0.492966	-79.311395	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	1.136986	90.860354	1.084255
6.67E-05	1.212189	172.636251	
0.57747	1.136986	90.860354	1.084255
6.67E-05	0.757584	144.044213	
0.71831	1.136986	90.860354	1.084255
6.67E-05	0.302333	117.726577	
0.85916	1.136986	90.860354	1.084255
6.67E-05	0.100872	94.881495	
1.00000	1.136986	90.860354	1.084255
6.67E-05	0.406586	75.796843	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-10.855308	-14.213955	-0.726230
-0.001211	-0.810247	-34.544384	
0.57747	-10.855308	-14.213955	-0.726230
-0.001211	-0.504959	-39.809440	
0.71831	-10.855308	-14.213955	-0.726230
-0.001211	-0.199694	-47.647649	
0.85916	-10.855308	-14.213955	-0.726230
-0.001211	-0.148160	-58.064332	
1.00000	-10.855308	-14.213955	-0.726230
-0.001211	-0.603973	-70.266669	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	6.721006	82.550503	1.368896
0.003196	1.521112	166.002433	
0.57747	6.721006	82.550503	1.368896
0.003196	0.946800	141.811502	
0.71831	6.721006	82.550503	1.368896
0.003196	0.381061	126.826673	
0.85916	6.721006	82.550503	1.368896
0.003196	0.142189	126.708541	
1.00000	6.721006	82.550503	1.368896
0.003196	0.530992	138.981529	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-9.332905	-83.320097	-0.943053
-0.003728	-1.052767	-82.775109	
0.57747	-9.332905	-83.320997	-0.943053
-0.003728	-0.656610	-59.235360	
0.71831	-9.332905	-83.320997	-0.943053
-0.003728	-0.260603	-50.036121	
0.85916	-9.332905	-83.320997	-0.943053
-0.003728	-0.200973	-50.277871	
1.00000	-9.332905	-83.320997	-0.943053
-0.003728	-0.774317	-62.074430	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3552

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.519882	36.152366	0.386362
0.000173	0.432913	66.049717	
0.57747	0.519882	36.152366	0.386362
0.000173	0.270717	51.360787	
0.71831	0.519882	36.152366	0.386362
0.000173	0.108594	37.252921	
0.85916	0.519882	36.152366	0.386362
0.000173	0.039269	24.501201	
1.00000	0.519882	36.152366	0.386362
0.000173	0.152067	15.271376	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-4.926341	-3.492592	-0.268623
-0.000500	-0.297591	-6.620439	
0.57747	-4.926341	-3.492592	-0.268623
-0.000500	-0.184731	-6.278263	
0.71831	-4.926341	-3.492592	-0.268623
-0.000500	-0.072224	-6.813799	
0.85916	-4.926341	-3.492592	-0.268623
-0.000500	-0.052809	-8.424552	
1.00000	-4.926341	-3.492592	-0.268623
-0.000500	-0.214740	-11.790119	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	4.054126	79.965787	0.766096
0.004230	0.840966	207.902667	
0.57747	4.054126	79.965787	0.766096
0.004230	0.519427	177.124973	
0.71831	4.054126	79.965787	0.766096
0.004230	0.211792	155.626416	
0.85916	4.054126	79.965787	0.766096
0.004230	0.083963	146.431312	
1.00000	4.054126	79.965787	0.766096
0.004230	0.268525	140.813466	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-7.201255	-52.780815	-0.467773
-0.004438	-0.520131	-26.273773	
0.57747	-7.201255	-52.780815	-0.467773
-0.004438	-0.323569	-7.428678	
0.71831	-7.201255	-52.780815	-0.467773
-0.004438	-0.127418	-6.543952	
0.85916	-7.201255	-52.780815	-0.467773
-0.004438	-0.124798	-8.339092	
1.00000	-7.201255	-52.780815	-0.467773
-0.004438	-0.445585	-11.989686	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	3.973591	89.426911	1.089722
0.003815	1.204731	186.572743	
0.57747	3.973591	89.426911	1.089722
0.003815	0.747593	159.569379	
0.71831	3.973591	89.426911	1.089722
0.003815	0.302480	141.853408	
0.85916	3.973591	89.426911	1.089722
0.003815	0.113977	137.038167	
1.00000	3.973591	89.426911	1.089722
0.003815	0.399030	134.953064	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-9.874079	-54.847741	-0.704120
-0.004613	-0.784556	-38.548474	
0.57747	-9.874079	-54.847741	-0.704120
-0.004613	-0.488986	-26.239680	
0.71831	-9.874079	-54.847741	-0.704120
-0.004613	-0.193232	-32.104515	
0.85916	-9.874079	-54.847741	-0.704120
-0.004613	-0.166786	-41.093426	
1.00000	-9.874079	-54.847741	-0.704120
-0.004613	-0.623862	-51.354555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3553

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	8.304055	80.799060	1.466507
0.002987	1.633316	160.713183	
0.57747	8.304055	80.799060	1.466507
0.002987	1.017428	135.751518	
0.71831	8.304055	80.799060	1.466507
0.002987	0.409491	117.731982	
0.85916	8.304055	80.799060	1.466507
0.002987	0.156141	111.171359	
1.00000	8.304055	80.799060	1.466507
0.002987	0.587993	123.014690	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-8.587145	-93.659920	-1.043764
-0.003002	-1.164167	-102.788259	
0.57747	-8.587145	-93.659920	-1.043764
-0.003002	-0.726067	-72.859378	
0.71831	-8.587145	-93.659920	-1.043764
-0.003002	-0.288082	-54.406904	
0.85916	-8.587145	-93.659920	-1.043764
-0.003002	-0.212669	-40.991166	
1.00000	-8.587145	-93.659920	-1.043764
-0.003002	-0.827472	-48.588478	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	8.157456	11.958233	0.946171
0.000959	1.057632	12.738028	
0.57747	8.157456	11.958233	0.946171
0.000959	0.660848	8.022623	
0.71831	8.157456	11.958233	0.946171
0.000959	0.264619	4.907535	
0.85916	8.157456	11.958233	0.946171

```
 0.000959    0.109935    4.274771
 1.00000     8.157456   11.958233     0.946171
 0.000959    0.436692    3.993564

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -0.588357  -70.740185   -0.777760
-4.22E-06   -0.868233  -132.429573
0.57747   -0.588357  -70.740185   -0.777760
-4.22E-06   -0.541946  -102.940552
0.71831   -0.588357  -70.740185   -0.777760
-4.22E-06   -0.216012   -74.973032
0.85916   -0.588357  -70.740185   -0.777760
-4.22E-06   -0.132224   -48.578957
1.00000   -0.588357  -70.740185   -0.777760
-4.22E-06   -0.529315   -22.308041

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    14.261920   35.686396    1.401455
 0.007027    1.544997   94.776469
0.57747    14.261920   35.686396    1.401455
 0.007027    0.957449   83.467293
0.71831    14.261920   35.686396    1.401455
 0.007027    0.388932   86.492406
0.85916    14.261920   35.686396    1.401455
 0.007027    0.171563  107.843255
1.00000    14.261920   35.686396    1.401455
 0.007027    0.596284  130.578316

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -1.647357  -153.810196   -1.051841
-0.005737   -1.174570  -171.927803
0.57747   -1.647357  -153.810196   -1.051841
-0.005737   -0.733293  -110.703318
0.71831   -1.647357  -153.810196   -1.051841
-0.005737   -0.292452   -75.545240
0.85916   -1.647357  -153.810196   -1.051841
-0.005737   -0.223435   -44.639615
1.00000   -1.647357  -153.810196   -1.051841
-0.005737   -0.809763   -16.540276
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3554

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    12.287621   72.053982    1.526245
 0.005252    1.690512  181.182454
0.57747    12.287621   72.053982    1.526245
 0.005252    1.050971  153.819499
0.71831    12.287621   72.053982    1.526245
 0.005252    0.424998  137.092639
0.85916    12.287621   72.053982    1.526245
 0.005252    0.176298  134.006262
1.00000    12.287621   72.053982    1.526245
 0.005252    0.634725  132.211724

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -5.550286  -127.961658   -1.120327
-0.004312   -1.249323  -153.866635
0.57747   -5.550286  -127.961658   -1.120327
-0.004312   -0.779277  -102.698235
0.71831   -5.550286  -127.961658   -1.120327
-0.004312   -0.309640   -70.559378
0.85916   -5.550286  -127.961658   -1.120327
-0.004312   -0.232229   -41.765713
1.00000   -5.550286  -127.961658   -1.120327
-0.004312   -0.871958   -15.807771

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    10.563653   77.905771    1.596391
 0.004393    1.772517  158.618912
0.57747    10.563653   77.905771    1.596391
 0.004393    1.103540  132.734124
0.71831    10.563653   77.905771    1.596391
 0.004393    0.445551  116.964153
0.85916    10.563653   77.905771    1.596391
 0.004393    0.178861  114.246715
1.00000    10.563653   77.905771    1.596391
 0.004393    0.656801  114.713266

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -7.876610  -111.446623   -1.162584
-0.004081   -1.296214  -136.024717
0.57747   -7.876610  -111.446623   -1.162584
-0.004081   -0.808177   -96.657738
0.71831   -7.876610  -111.446623   -1.162584
-0.004081   -0.320868   -74.259444
0.85916   -7.876610  -111.446623   -1.162584
-0.004081   -0.237315   -56.072992
1.00000   -7.876610  -111.446623   -1.162584
-0.004081   -0.906781   -41.215841

COMB       DB ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    15.347210   91.610035    1.088441
 0.007080    1.206985  204.545669
0.57747    15.347210   91.610035    1.088441
 0.007080    0.751280  171.066047
0.71831    15.347210   91.610035    1.088441
 0.007080    0.307865  147.806467
0.85916    15.347210   91.610035    1.088441
 0.007080    0.125139  139.168849
1.00000    15.347210   91.610035    1.088441
 0.007080    0.455942  134.256379

COMB       DB ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -11.369159  -160.139365   -0.808225
-0.005706   -0.899775  -174.646797
0.57747   -11.369159  -160.139365   -0.808225
-0.005706   -0.520885  -115.369772
0.71831   -11.369159  -160.139365   -0.808225
-0.005706   -0.221986   -76.098208
0.85916   -11.369159  -160.139365   -0.808225
-0.005706   -0.168010   -56.287871
1.00000   -11.369159  -160.139365   -0.808225
-0.005706   -0.621957   -68.140854
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3555

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    14.261920   90.860354    1.596391
 0.007027    1.772517  207.902667
0.57747    14.261920   90.860354    1.596391
 0.007027    1.103540  177.124973
0.71831    14.261920   90.860354    1.596391
 0.007027    0.445551  155.626416
0.85916    14.261920   90.860354    1.596391
 0.007027    0.178861  146.431612
1.00000    14.261920   90.860354    1.596391
 0.007027    0.656801  140.813466

COMB       DL ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -10.855308  -153.810196   -1.162584
-0.005737   -1.296214  -171.927803
0.57747   -10.855308  -153.810196   -1.162584
-0.005737   -0.808177  -110.703318
0.71831   -10.855308  -153.810196   -1.162584
-0.005737   -0.320868   -75.545240
0.85916   -10.855308  -153.810196   -1.162584
-0.005737   -0.237315   -64.339661
1.00000   -10.855308  -153.810196   -1.162584
-0.005737   -0.906781   -79.311395

COMB       CAR ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    15.347210   91.610035    1.596391
 0.007080    1.772517  207.902667
0.57747    15.347210   91.610035    1.596391
 0.007080    1.103540  177.124973
0.71831    15.347210   91.610035    1.596391
 0.007080    0.445551  155.626416
0.85916    15.347210   91.610035    1.596391
 0.007080    0.178861  146.431612
1.00000    15.347210   91.610035    1.596391
 0.007080    0.656801  140.813466

COMB       CAR ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -11.369159  -160.139365   -1.162584
-0.005737   -1.296214  -174.646797
0.57747   -11.369159  -160.139365   -1.162584
-0.005737   -0.808177  -115.369772
0.71831   -11.369159  -160.139365   -1.162584
-0.005737   -0.320868   -76.098208
0.85916   -11.369159  -160.139365   -1.162584
-0.005737   -0.237315   -64.339661
1.00000   -11.369159  -160.139365   -1.162584
-0.005737   -0.906781   -79.311395

COMB      DESIGN ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43662    15.347210   91.610035    1.596391
 0.007080    1.772517  207.902667
0.57747    15.347210   91.610035    1.596391
 0.007080    1.103540  177.124973
0.71831    15.347210   91.610035    1.596391
 0.007080    0.445551  155.626416
0.85916    15.347210   91.610035    1.596391
 0.007080    0.178861  146.431612
1.00000    15.347210   91.610035    1.596391
 0.007080    0.656801  140.813466

COMB      DESIGN ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43662   -11.369159  -160.139365   -1.162584
-0.005737   -1.296214  -174.646797
0.57747   -11.369159  -160.139365   -1.162584
-0.005737   -0.808177  -115.369772
0.71831   -11.369159  -160.139365   -1.162584
-0.005737   -0.320868   -76.098208
0.85916   -11.369159  -160.139365   -1.162584
-0.005737   -0.237315   -64.339661
1.00000   -11.369159  -160.139365   -1.162584
-0.005737   -0.906781   -79.311395
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3556

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      337 ================= LENGTH
=     2.977407

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.493321   15.329118    0.390652
 6.78E-06    0.221231    8.200111
0.14084    0.493321   15.329118    0.390652
 6.78E-06    0.057375   11.243038
0.28169    0.493321   15.329118    0.390652
 6.78E-06    0.076109   14.340342
0.42253    0.493321   15.329118    0.390652
 6.78E-06    0.195477   17.490904
0.56338    0.493321   15.329118    0.390652
 6.78E-06    0.314894   20.655839

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.018340   -7.574401   -0.284765
-0.000484   -0.162774   -47.555380
0.14084   -4.018340   -7.574401   -0.284765
-0.000484   -0.043399   -53.752342
0.28169   -4.018340   -7.574401   -0.284765
-0.000484   -0.106430   -59.999534
0.42253   -4.018340   -7.574401   -0.284765
-0.000484   -0.270235   -66.255310
0.56338   -4.018340   -7.574401   -0.284765
-0.000484   -0.434055   -72.540371

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.811280   40.742156    0.652707
 0.000185    0.370694   14.819397
0.14084    0.811280   40.742156    0.652707
 0.000185    0.096830   17.657411
0.28169    0.811280   40.742156    0.652707
 0.000185    0.130675   20.931373
0.42253    0.811280   40.742156    0.652707
 0.000185    0.330219   24.799869
0.56338    0.811280   40.742156    0.652707
 0.000185    0.529764   29.345494

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -8.129816  -11.229867   -0.475895
-0.001087   -0.268682   -68.165514
0.14084   -8.129816  -11.229867   -0.475895
-0.001087   -0.975874   -82.553890
0.28169   -8.129816  -11.229867   -0.475895
-0.001087   -0.177451   -97.144617
0.42253   -8.129816  -11.229867   -0.475895
-0.001087   -0.450530  -112.143981
0.56338   -8.129816  -11.229867   -0.475895
-0.001087   -0.724241  -128.217211

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.975874   90.516885    0.748640
 0.000219    0.420798   59.362953
0.14084    0.975874   90.516885    0.748640
 0.000219    0.106959   43.543714
0.28169    0.975874   90.516885    0.748640
 0.000219    0.144165   41.913096
0.42253    0.975874   90.516885    0.748640
 0.000219    0.361969   43.708181
0.56338    0.975874   90.516885    0.748640
 0.000219    0.579773   46.508680

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -11.230381  -10.308823   -0.519392
-0.001224   -0.291624   -60.623508
0.14084   -11.230381  -10.308823   -0.519392
-0.001224   -0.073817   -70.118868
0.28169   -11.230381  -10.308823   -0.519392
-0.001224   -0.207450   -83.796515
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3557

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.42253   -11.230381  -10.308823   -0.519392
-0.001224   -0.521245  -119.824472
0.56338   -11.230381  -10.308823   -0.519392
-0.001224   -0.835076  -157.441179

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    5.192703   115.296719    0.991805
 0.003912    0.573877   128.701084
0.14084    5.192703   115.296719    0.991805
 0.003912    0.158038   117.429525
0.28169    5.192703   115.296719    0.991805
 0.003912    0.179658   117.654084
0.42253    5.192703   115.296719    0.991805
 0.003912    0.453029   129.543974
0.56338    5.192703   115.296719    0.991805
 0.003912    0.726375   149.878232

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -11.493667  -54.926609   -0.651847
-0.004468   -0.367179   -53.209604
0.14084   -11.493667  -54.926609   -0.651847
-0.004468   -0.101489   -62.574864
0.28169   -11.493667  -54.926609   -0.651847
-0.004468   -0.272332   -75.751883
0.42253   -11.493667  -54.926609   -0.651847
-0.004468   -0.675588   -106.940327
0.56338   -11.493667  -54.926609   -0.651847
-0.004468   -1.091401   -147.438253

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.514559   37.915005    0.249194
 7.74E-05    0.141139   13.495413
0.14084    0.514559   37.915005    0.249194
 7.74E-05    0.036582    9.898140
0.28169    0.514559   37.915005    0.249194
 7.74E-05    0.055803    9.332349
0.42253    0.514559   37.915005    0.249194
 7.74E-05    0.136471    9.542866
0.56338    0.514559   37.915005    0.249194
 7.74E-05    0.217139    9.972478

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.973303   -2.972782   -0.192362
-0.000502   -0.105534   -12.065298
0.14084   -4.973303   -2.972782   -0.192362
-0.000502   -0.024915   -15.615979
0.28169   -4.973303   -2.972782   -0.192362
-0.000502   -0.067876   -30.167889
0.42253   -4.973303   -2.972782   -0.192362
-0.000502   -0.172364   -45.275576
0.56338   -4.973303   -2.972782   -0.192362
-0.000502   -0.276864   -60.915962

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    1.378357  132.122690    0.527119
 0.005019    0.315079  134.508336
0.14084    1.378357  132.122690    0.527119
 0.005019    0.094269   92.728855
0.28169    1.378357  132.122690    0.527119
 0.005019    0.086497   66.142648
0.42253    1.378357  132.122690    0.527119
 0.005019    0.213477   55.310420
0.56338    1.378357  132.122690    0.527119
 0.005019    0.340449   55.855168

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.193233   -9.969283   -0.302772
-0.005503   -0.951019   -15.500639
0.28169   -10.193233   -9.969283   -0.302772
-0.005503   -0.146714   -24.007497
0.42253   -10.193233   -9.969283   -0.302772
-0.005503   -0.350407   -56.200568
0.56338   -10.193233   -9.969283   -0.302772
-0.005503   -0.571328   -101.062999

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    1.599456  132.692897    0.773425
 0.004535    0.453101  126.181996
0.14084    1.599456  132.692897    0.773425
 0.004535    0.128900   90.817167
0.28169    1.599456  132.692897    0.773425
 0.004535    0.136429   69.104570
0.42253    1.599456  132.692897    0.773425
 0.004535    0.341251   61.577981
0.56338    1.599456  132.692897    0.773425
 0.004535    0.546113   64.326422

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -12.497255  -14.351473   -0.488510
-0.005351   -0.273314   -45.706163
0.14084   -12.497285  -14.351473   -0.488510
-0.005351   -0.078030   -54.201350
0.28169   -12.497285  -14.351473   -0.488510
-0.005351   -0.213320   -67.705300
0.42253   -12.497285  -14.351473   -0.488510
-0.005351   -0.522022   -102.387519
0.56338   -12.497285  -14.351473   -0.488510
-0.005351   -0.846267   -148.449581

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.499243  108.064458    1.057567
 0.003530    0.608614  113.142324
0.14084    7.499243  108.064458    1.057567
 0.003530    0.165236  112.007280
0.28169    7.499243  108.064458    1.057567
 0.003530    0.196941  122.773726
0.42253    7.499243  108.064458    1.057567
 0.003530    0.495506  143.611837
0.56338    7.499243  108.064458    1.057567
 0.003530    0.794106  171.374755

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.439106  -72.008685   -0.712050
-0.003707   -0.400281   -42.257989
0.14084   -10.439106  -72.008685   -0.712050
-0.003707   -0.107967   -51.235037
0.28169   -10.439106  -72.008685   -0.712050
-0.003707   -0.290069   -64.182482
0.42253   -10.439106  -72.008685   -0.712050
-0.003707   -0.723288   -95.329514
0.56338   -10.439106  -72.008685   -0.712050
-0.003707   -1.166694  -134.270110

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.084136    9.791256    0.693651
 0.000992    0.393480    3.161363
0.14084    9.084136    9.791256    0.693651
 0.000992    0.102597   20.699069
0.28169    9.084136    9.791256    0.693651
 0.000992    0.143374   51.319616
0.42253    9.084136    9.791256    0.693651
 0.000992    0.363378   82.159032
0.56338    9.084136    9.791256    0.693651
 0.000992    0.583370  113.082895
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3559

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.684680  -73.885816   -0.524595
-0.000153   -0.296595   -11.896869
0.14084   -0.684680  -73.885816   -0.524595
-0.000153   -0.076560   -11.072972
0.28169   -0.684680  -73.885816   -0.524595
-0.000153   -0.188425   -14.339696
0.42253   -0.684680  -73.885816   -0.524595
-0.000153   -0.479199   -17.848617
0.56338   -0.684680  -73.885816   -0.524595
-0.000153   -0.770060   -21.789490

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    11.605992   92.006565    1.052532
 0.006957    0.620248  120.214818
0.14084    11.605992   92.006565    1.052532
 0.006957    0.178909  121.786294
0.28169    11.605992   92.006565    1.052532
 0.006957    0.187453  130.549746
0.42253    11.605992   92.006565    1.052532
 0.006957    0.475347  155.999525
0.56338    11.605992   92.006565    1.052532
 0.006957    0.763245  194.624972

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -5.012248   -99.424959   -0.686467
-0.006035   -0.388210   -9.862827
0.14084   -5.012248   -99.424959   -0.686467
-0.006035   -0.113192   -14.375997
0.28169   -5.012248   -99.424959   -0.686467
-0.006035   -0.286092   -18.978495
0.42253   -5.012248   -99.424959   -0.686467
-0.006035   -0.706543   -26.301154
0.56338   -5.012248   -99.424959   -0.686467
-0.006035   -1.147844   -51.384675

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    10.620512  116.472294    1.085750
 0.005138    0.628962  116.096415
0.14084    10.620512  116.472294    1.085750
 0.005138    0.173861  113.127516
0.28169    10.620512  116.472294    1.085750
 0.005138    0.204120  124.731350
0.42253    10.620512  116.472294    1.085750
 0.005138    0.513521  149.689993
0.56338    10.620512  116.472294    1.085750
 0.005138    0.822906  184.219734

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -8.362732   -89.773851   -0.737759
-0.004510   -0.414113   -11.182954
0.14084   -8.362732   -89.773851   -0.737759
-0.004510   -0.114044   -14.743998
0.28169   -8.362732   -89.773851   -0.737759
-0.004510   -0.298163   -23.621390
0.42253   -8.362732   -89.773851   -0.737759
-0.004510   -0.738938   -53.565301
0.56338   -8.362732   -89.773851   -0.737759
-0.004510   -1.194175   -93.737468

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.193918  111.726952    1.145395
 0.004257    0.660587   99.573060
0.14084    9.193918  111.726952    1.145395
 0.004257    0.180389   98.737436
0.28169    9.193918  111.726952    1.145395
 0.004257    0.217951  110.054752
0.42253    9.193918  111.726952    1.145395
 0.004257    0.548000  132.495539
0.56338    9.193918  111.726952    1.145395
 0.004257    0.878033  162.863601
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3560

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.006848  -78.655301   -0.786996
-0.004077   -0.442084   -34.487233
0.14084   -10.006848  -78.655301   -0.786996
-0.004077   -0.113944   -43.199717
0.28169   -10.006848  -78.655301   -0.786996
-0.004077   -0.313693   -55.866289
0.42253   -10.006848  -78.655301   -0.786996
-0.004077   -0.782013   -86.437063
0.56338   -10.006848  -78.655301   -0.786996
-0.004077   -1.262249  -125.914311

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.620993   19.271866    0.518503
 3.95E-06    0.291680   12.639320
0.14084    0.620993   19.271866    0.518503
 3.95E-06    0.074472   16.755243
0.28169    0.620993   19.271866    0.518503
 3.95E-06    0.105378   20.908785
0.42253    0.620993   19.271866    0.518503
 3.95E-06    0.273179   25.092988
0.56338    0.620993   19.271866    0.518503
 3.95E-06    0.441858   29.289266

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.032910  -10.034307   -0.400522
-0.000449   -0.229107   -57.069588
0.14084   -4.032910  -10.034307   -0.400522
-0.000449   -0.061102   -64.934443
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 0.28169    -4.032910   -10.034307    -0.400522
-0.000449    -0.142326   -72.870559
 0.42253    -4.032910   -10.034307    -0.400522
-0.000449    -0.360093   -80.840781
 0.56338    -4.032910   -10.034307    -0.400522
-0.000449    -0.577616   -88.841550

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.974505   45.837314    0.900197
 0.000112   0.507737   19.320174
 0.14084    0.974505   45.837314    0.900197
 0.000112   0.130512   23.872071
 0.28169    0.974505   45.837314    0.900197
 0.000112   0.172999   29.004698
 0.42253    0.974505   45.837314    0.900197
 0.000112   0.442464   34.554115
 0.56338    0.974505   45.837314    0.900197
 0.000112   0.712991   40.372944

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.239163  -14.495689    -0.642661
-0.000938   -0.363948   -79.349519
 0.14084   -8.239163  -14.495689    -0.642661
-0.000938   -0.094274   -95.831253
 0.28169   -8.239163  -14.495689    -0.642661
-0.000938   -0.346367  -112.843608
 0.42253   -8.239163  -14.495689    -0.642661
-0.000938   -0.624183  -130.835258
 0.56338   -8.239163  -14.495689    -0.642661
-0.000938   -1.001977  -149.506501

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.139305   89.861643    1.084174
 0.000214   0.607526   75.792780
 0.14084    1.139305   89.861643    1.084174
 0.000214   0.152255   61.006641
 0.28169    1.139305   89.861643    1.084174
 0.000214   0.198034   53.099509
 0.42253    1.139305   89.861643    1.084174
 0.000214   0.502201   53.432044
 0.56338    1.139305   89.861643    1.084174
 0.000214   0.807226   56.548490
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3561

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.742350  -14.049621    -0.725302
-0.001072   -0.408562   -70.293117
 0.14084  -10.742350  -14.049621    -0.725302
-0.001072   -0.103540   -82.584434
 0.28169  -10.742350  -14.049621    -0.725302
-0.001072   -0.300118   -98.754255
 0.42253  -10.742350  -14.049621    -0.725302
-0.001072   -0.555539   -114.442290
 0.56338  -10.742350  -14.049621    -0.725302
-0.001072   -1.210236   -166.690245

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    5.051112   107.677111    1.386836
 0.003079   0.789470   138.981659
 0.14084    5.051112   107.677111    1.386836
 0.003079   0.208558   131.966492
 0.28169    5.051112   107.677111    1.386836
 0.003079   0.259546   130.667771
 0.42253    5.051112   107.677111    1.386836
 0.003079   0.658136   142.578499
 0.56338    5.051112   107.677111    1.386836
 0.003079   1.057444   161.994506

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.699821  -56.223405    -0.950481
-0.003555   -0.538312   -62.086991
 0.14084  -10.699821  -56.223405    -0.950481
-0.003555   -0.147180   -74.133690
 0.28169  -10.699821  -56.223405    -0.950481
-0.003555   -0.381240   -89.622158
 0.42253  -10.699821  -56.223405    -0.950481
-0.003555   -0.954718   -118.576045
 0.56338  -10.699821  -56.223405    -0.950481
-0.003555   -1.536544   -158.150196

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.529281   35.811680    0.396304
 4.76E-06   0.222660   15.266974
 0.14084    0.529281   35.811680    0.396304
 4.76E-06   0.056796   9.236132
 0.28169    0.529281   35.811680    0.396304
 4.76E-06   0.069220   9.154635
 0.42253    0.529281   35.811680    0.396304
 4.76E-06   0.171411   9.615658
 0.56338    0.529281   35.811680    0.396304
 4.76E-06   0.273858   10.394997

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -4.901768   -3.381512    -0.243207
-0.000430   -0.134156   -11.798626
 0.14084   -4.901768   -3.381512    -0.243207
-0.000430   -0.031922   -17.368827
 0.28169   -4.901768   -3.381512    -0.243207
-0.000430   -0.109199   -30.010348
 0.42253   -4.901768   -3.381512    -0.243207
-0.000430   -0.275528   -44.072504
 0.56338   -4.901768   -3.381512    -0.243207
-0.000430   -0.441801   -58.538712

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.462102   118.620816    0.763571
 0.004334   0.444637   140.826995
 0.14084    1.462102   118.620816    0.763571
 0.004334   0.125538   102.597123
 0.28169    1.462102   118.620816    0.763571
 0.004334   0.124491   71.992082
 0.42253    1.462102   118.620816    0.763571
 0.004334   0.309693   60.160756
 0.56338    1.462102   118.620816    0.763571
 0.004334   0.495348   59.114441
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3562

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -9.357086  -10.904660    -0.441721
-0.004709   -0.248628   -11.990007
 0.14084   -9.357086  -10.904660    -0.441721
-0.004709   -0.075749   -15.912336
 0.28169   -9.357086  -10.904660    -0.441721
-0.004709   -0.211093   -25.347883
 0.42253   -9.357086  -10.904660    -0.441721
-0.004709   -0.517940   -51.816354
 0.56338   -9.357086  -10.904660    -0.441721
-0.004709   -0.838291   -93.839344

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.631810   124.229274    1.094387
 0.003922   0.629881   134.979064
 0.14084    1.631810   124.229274    1.094387
 0.003922   0.171863   103.352492
 0.28169    1.631810   124.229274    1.094387
 0.003922   0.190677   78.679133
 0.42253    1.631810   124.229274    1.094387
 0.003922   0.480915   70.997425
 0.56338    1.631810   124.229274    1.094387
 0.003922   0.770781   73.040080

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -11.803155  -16.854418    -0.691574
-0.004609   -0.390141   -51.371217
 0.14084  -11.803155  -16.854418    -0.691574
-0.004609   -0.111891   -61.849229
 0.28169  -11.803155  -16.854418    -0.691574
-0.004609   -0.301267   -77.642428
 0.42253  -11.803155  -16.854418    -0.691574
-0.004609   -0.748428   -108.607743
 0.56338  -11.803155  -16.854418    -0.691574
-0.004609   -1.207464   -153.621310

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    6.953565   101.621471    1.499584
 0.002870   0.851329   122.996879
 0.14084    6.953565   101.621471    1.499584
 0.002870   0.223024   124.486910
 0.28169    6.953565   101.621471    1.499584
 0.002870   0.285935   131.883476
 0.42253    6.953565   101.621471    1.499584
 0.002870   0.721641   151.589300
 0.56338    6.953565   101.621471    1.499584
 0.002870   1.157340   177.842769

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -9.723504   -71.405431    -1.039051
-0.003000   -0.585741   -48.592320
 0.14084   -9.723504   -71.405431    -1.039051
-0.003000   -0.156912   -59.801091
 0.28169   -9.723504   -71.405431    -1.039051
-0.003000   -0.411599   -75.331051
 0.42253   -9.723504   -71.405431    -1.039051
-0.003000   -1.033786   -103.967449
 0.56338   -9.723504   -71.405431    -1.039051
-0.003000   -1.663132   -141.721410

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.214736   12.043250     0.992219
 0.000888   0.558963   3.986807
 0.14084    8.214736   12.043250     0.992219
 0.000888   0.142242   20.589769
 0.28169    8.214736   12.043250     0.992219
 0.000888   0.215572   49.532167
 0.42253    8.214736   12.043250     0.992219
 0.000888   0.544367   78.880284
 0.56338    8.214736   12.043250     0.992219
 0.000888   0.873426   108.459035
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3563

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.581354  -71.311416    -0.784577
-0.000155   -0.442672   -22.330169
 0.14084   -0.581354  -71.311416    -0.784577
-0.000155   -0.113491   -16.995499
 0.28169   -0.581354  -71.311416    -0.784577
-0.000155   -0.270044   -20.869558
 0.42253   -0.581354  -71.311416    -0.784577
-0.000155   -0.656946   -25.743703
 0.56338   -0.581354  -71.311416    -0.784577
-0.000155   -1.103341   -30.108214

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   10.633636   91.581680     1.453809
 0.006832   0.843177   130.615597
 0.14084   10.633636   91.581680     1.453809
 0.006832   0.234780   131.221600
 0.28169   10.633636   91.581680     1.453809
 0.006832   0.292514   137.870662
 0.42253   10.633636   91.581680     1.453809
 0.006832   0.739711   159.946679
 0.56338   10.633636   91.581680     1.453809
 0.006832   1.187275   194.567822

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -4.784150  -95.161074    -1.066954
-0.005986   -0.606962   -16.536873
 0.14084   -4.784150  -95.161074    -1.066954
-0.005986   -0.177008   -20.101371
 0.28169   -4.784150  -95.161074    -1.066954
-0.005986   -0.394753   -25.948854
 0.42253   -4.784150  -95.161074    -1.066954
-0.005986   -0.985983   -34.901015
 0.56338   -4.784150  -95.161074    -1.066954
-0.005986   -1.596437   -64.600680

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    9.697962   111.928112    1.565991
 0.005232   0.896732   132.222347
 0.14084    9.697962   111.928112    1.565991
 0.005232   0.240835   125.576242
 0.28169    9.697962   111.928112    1.565991
 0.005232   0.307497   128.298904
 0.42253    9.697962   111.928112    1.565991
 0.005232   0.772978   148.790978
 0.56338    9.697962   111.928112    1.565991
 0.005232   1.238926   179.661669

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -7.766536  -85.775573    -1.110585
-0.004706   -0.627266   -15.806272
 0.14084   -7.766536  -85.775573    -1.110585
-0.004706   -0.173650   -19.120457
 0.28169   -7.766536  -85.775573    -1.110585
-0.004706   -0.429455   -29.961941
 0.42253   -7.766536  -85.775573    -1.110585
-0.004706   -1.072687   -54.405976
 0.56338   -7.766536  -85.775573    -1.110585
-0.004706   -1.730014   -94.085133

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    8.420251   110.775842    1.640926
 0.004345   0.937277   114.732253
 0.14084    8.420251   110.775842    1.640926
 0.004345   0.249610   111.478099    1.640926
 0.28169    8.420251   110.775842    1.640926
 0.004345   0.317959   115.739745
 0.42253    8.420251   110.775842    1.640926
 0.004345   0.800238   134.838750
 0.56338    8.420251   110.775842    1.640926
 0.004345   1.283907   162.595174
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3564

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -9.698419  -76.374778    -1.151615
-0.004219   -0.650201   -41.232148
 0.14084   -9.698419  -76.374778    -1.151615
-0.004219   -0.177136   -50.848252
 0.28169   -9.698419  -76.374778    -1.151615
-0.004219   -0.449380   -66.532297
 0.42253   -9.698419  -76.374778    -1.151615
-0.004219   -1.126522   -93.926537
 0.56338   -9.698419  -76.374778    -1.151615
-0.004219   -1.815263   -134.141117

COMB    DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.605992   132.692897    1.145395
 0.006957   0.660587   134.508336
 0.14084   11.605992   132.692897    1.145395
 0.006957   0.180389   121.786294
 0.28169   11.605992   132.692897    1.145395
 0.006957   0.217951   130.549746
 0.42253   11.605992   132.692897    1.145395
 0.006957   0.548000   155.999525
 0.56338   11.605992   132.692897    1.145395
 0.006957   0.878033   194.624972

COMB    DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -12.497285   -99.424959    -0.786996
-0.006035   -0.442084   -68.165514
 0.14084  -12.497285   -99.424959    -0.786996
-0.006035   -0.119344   -82.532490
 0.28169  -12.497285   -99.424959    -0.786996
-0.006035   -0.313693   -97.144617
 0.42253  -12.497285   -99.424959    -0.786996
-0.006035   -0.782013   -119.824472
 0.56338  -12.497285   -99.424959    -0.786996
-0.006035   -1.262249   -157.441179

COMB    DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   10.633636   124.229274    1.640926
 0.006832   0.937277   140.826995
 0.14084   10.633636   124.229274    1.640926
 0.006832   0.249610   131.966492
 0.28169   10.633636   124.229274    1.640926
 0.006832   0.317959   137.870662
 0.42253   10.633636   124.229274    1.640926
 0.006832   0.800238   159.946679
 0.56338   10.633636   124.229274    1.640926
 0.006832   1.283907   194.567822

COMB    DL ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -11.803155   -95.161074    -1.151615
-0.005986   -0.650201   -79.349519
 0.14084  -11.803155   -95.161074    -1.151615
-0.005986   -0.177136   -95.831253
 0.28169  -11.803155   -95.161074    -1.151615
-0.005986   -0.449380   -112.843608
 0.42253  -11.803155   -95.161074    -1.151615
-0.005986   -1.126522   -131.442290
 0.56338  -11.803155   -95.161074    -1.151615
-0.005986   -1.815263   -166.690245

COMB    CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.605992   132.692897    1.640926
 0.006957   0.937277   140.826995
 0.14084   11.605992   132.692897    1.640926
 0.006957   0.249610   131.966492
 0.28169   11.605992   132.692897    1.640926
 0.006957   0.317959   137.870662
 0.42253   11.605992   132.692897    1.640926
 0.006957   0.800238   159.946679
 0.56338   11.605992   132.692897    1.640926
 0.006957   1.283907   194.624972
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3565

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -12.497285   -99.424959    -1.151615
-0.006035   -0.650201   -79.349519
 0.14084  -12.497285   -99.424959    -1.151615
-0.006035   -0.177136   -95.831253
 0.28169  -12.497285   -99.424959    -1.151615
-0.006035   -0.449380   -112.843608
 0.42253  -12.497285   -99.424959    -1.151615
-0.006035   -1.126522   -131.442290
 0.56338  -12.497285   -99.424959    -1.151615
-0.006035   -1.815263   -166.690245

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.605992   132.692897    1.640926
 0.006957   0.937277   140.826995
 0.14084   11.605992   132.692897    1.640926
 0.006957   0.249610   131.966492
 0.28169   11.605992   132.692897    1.640926
 0.006957   0.317959   137.870662
 0.42253   11.605992   132.692897    1.640926
 0.006957   0.800238   159.946679
 0.56338   11.605992   132.692897    1.640926
 0.006957   1.283907   194.624972

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -12.497285   -99.424959    -1.151615
-0.006035   -0.650201   -79.349519
 0.14084  -12.497285   -99.424959    -1.151615
-0.006035   -0.177136   -95.831253
 0.28169  -12.497285   -99.424959    -1.151615
-0.006035   -0.449380   -112.843608
 0.42253  -12.497285   -99.424959    -1.151615
-0.006035   -1.126522   -131.442290
 0.56338  -12.497285   -99.424959    -1.151615
-0.006035   -1.815263   -166.690245

ELEM      338 ================== LENGTH
=     2.976557

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    1.624355   8.939821     0.303621
 1.04E-05   0.340977   2.861473
 0.57756    1.624355   8.939821     0.303621
 1.04E-05   0.213719   2.356678
 0.71837    1.624355   8.939821     0.303621
 1.04E-05   0.086469   3.045415
 0.85919    1.624355   8.939821     0.303621
 1.04E-05   0.020652   5.966362
 1.00000    1.624355   8.939821     0.303621
 1.04E-05   0.090395   10.145034

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43675   -2.564727  -11.808256    -0.166395
-0.001068   -0.188574   -24.602394
 0.57756   -2.564727  -11.808256    -0.166395
-0.001068   -0.118832   -27.729250
 0.71837   -2.564727  -11.808256    -0.166395
-0.001068   -0.049134   -30.937125
 0.85919   -2.564727  -11.808256    -0.166395
-0.001068   -0.040663   -34.189448
 1.00000   -2.564727  -11.808256    -0.166395
-0.001068   -0.168063   -37.606328

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    1.974892   27.625074    0.520821
 0.000216   0.583238   23.273019
 0.57756    1.974892   27.625074    0.520821
 0.000216   0.364992   16.575378
 0.71837    1.974892   27.625074    0.520821
 0.000216   0.147257   11.163491
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3566

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.85919    1.974892   27.625074    0.520821
 0.000216   0.041324   11.145366
 1.00000    1.974892   27.625074    0.520821
 0.000216   0.168050   16.842917

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43675   -6.830290  -21.299274    -0.303129
-0.001993   -0.340145   -38.181596
 0.57756   -6.830290  -21.299274    -0.303129
-0.001993   -0.213099   -39.595333
 0.71837   -6.830290  -21.299274    -0.303129
-0.001993   -0.086064   -44.348892
 0.85919   -6.830290  -21.299274    -0.303129
-0.001993   -0.071579   -50.807466
 1.00000   -6.830290  -21.299274    -0.303129
-0.001993   -0.289956   -58.181147

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    1.748841   77.871282    0.732362
 6.46E-06   0.819982   152.384855
 0.57756    1.748841   77.871282    0.732362
 6.46E-06   0.513022   124.259662
 0.71837    1.748841   77.871282    0.732362
 6.46E-06   0.206128   96.766393
 0.85919    1.748841   77.871282    0.732362
 6.46E-06   0.049642   73.179140
 1.00000    1.748841   77.871282    0.732362
 6.46E-06   0.194889   54.170984

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43675  -10.139230  -20.674914    -0.346713
-0.001577   -0.387547   -40.831504
 0.57756  -10.139230  -20.674914    -0.346713
-0.001577   -0.242814   -41.414432
 0.71837  -10.139230  -20.674914    -0.346713
-0.001577   -0.098143   -43.895002
 0.85919  -10.139230  -20.674914    -0.346713
-0.001577   -0.100705   -47.441881
 1.00000  -10.139230  -20.674914    -0.346713
-0.001577   -0.407859   -51.093042

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    7.905324   72.629850    1.019393
 0.004051   1.129478   146.817513
 0.57756    7.905324   72.629850    1.019393
 0.004051   0.703166   121.833072
 0.71837    7.905324   72.629850    1.019393
 0.004051   0.286915   105.020705
 0.85919    7.905324   72.629850    1.019393
 0.004051   0.084692   104.838826
 1.00000    7.905324   72.629850    1.019393
 0.004051   0.308984   119.152994

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43675   -8.988443  -96.131941    -0.550174
-0.004697   -0.613530   -93.057436
 0.57756   -8.988443  -96.131941    -0.550174
-0.004697   -0.383730   -64.117441
 0.71837   -8.988443  -96.131941    -0.550174
-0.004697   -0.153977   -48.508953
 0.85919   -8.988443  -96.131941    -0.550174
-0.004697   -0.153353   -40.881167
 1.00000   -8.988443  -96.131941    -0.550174
-0.004697   -0.579870   -45.911926

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    0.424880   32.350558    0.239807
 8.49E-05   0.268009   55.099509
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD            >
                                3567

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.57756    0.424880   32.350558    0.239807
 8.49E-05   0.167510   42.142934
 0.71837    0.424880   32.350558    0.239807
 8.49E-05   0.067037   29.639515
 0.85919    0.424880   32.350558    0.239807
 8.49E-05   0.023500   18.251094
 1.00000    0.424880   32.350558    0.239807
 8.49E-05   0.086138   12.211126

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43675   -5.342867   -7.730159    -0.149476
-0.000687   -0.164440   -15.260780
 0.57756   -5.342867   -7.730159    -0.149476
-0.000687   -0.101798   -12.272773
 0.71837   -5.342867   -7.730159    -0.149476
-0.000687   -0.039165   -11.522298
 0.85919   -5.342867   -7.730159    -0.149476
-0.000687   -0.033532   -12.215829
 1.00000   -5.342867   -7.730159    -0.149476
-0.000687   -0.134032   -13.243068

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43675    4.403403   78.746438    0.633014
```

0.004817	0.688512	183.314262	
0.57756	4.403403	78.746438	0.633014
0.004817	0.424498	152.315191	
0.71837	4.403403	78.746438	0.633014
0.004817	0.174033	130.729424	
0.85919	4.403403	78.746438	0.633014
0.004817	0.050777	125.052325	
1.00000	4.403403	78.746438	0.633014
0.004817	0.155969	122.976238	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-8.048213	-66.336616	-0.271628
-0.005125	-0.299457	-40.218276	
0.57756	-8.048213	-66.336616	-0.271628
-0.005125	-0.186622	-17.548466	
0.71837	-8.048213	-66.336616	-0.271628
-0.005125	-0.074012	-13.017980	
0.85919	-8.048213	-66.336616	-0.271628
-0.005125	-0.108704	-12.732740	
1.00000	-8.048213	-66.336616	-0.271628
-0.005125	-0.373145	-13.037033	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	4.775829	79.487664	0.803833
0.004354	0.882444	165.196799	
0.57756	4.775829	79.487664	0.803833
0.004354	0.546708	137.538102	
0.71837	4.775829	79.487664	0.803833
0.004354	0.223212	118.333424	
0.85919	4.775829	79.487664	0.803833
0.004354	0.062050	114.980377	
1.00000	4.775829	79.487664	0.803833
0.004354	0.209746	116.825226	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.919140	-68.800833	-0.371048
-0.005463	-0.411410	-68.598332	
0.57756	-9.919140	-68.800833	-0.371048
-0.005463	-0.257277	-34.638701	
0.71837	-9.919140	-68.800833	-0.371048
-0.005463	-0.103205	-33.903072	
0.85919	-9.919140	-68.800833	-0.371048
-0.005463	-0.129386	-36.781127	
1.00000	-9.919140	-68.800833	-0.371048
-0.005463	-0.465566	-40.268739	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3568
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	8.995545	75.499207	1.123673
0.003731	1.250033	148.820403	
0.57756	8.995545	75.499207	1.123673
0.003731	0.779928	122.030906	
0.71837	8.995545	75.499207	1.123673
0.003731	0.318038	101.477811	
0.85919	8.995545	75.499207	1.123673
0.003731	0.099610	92.853453	
1.00000	8.995545	75.499207	1.123673
0.003731	0.368928	103.002579	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.051481	-102.098382	-0.654845
-0.003789	-0.726973	-113.333422	
0.57756	-9.051481	-102.098382	-0.654845
-0.003789	-0.455278	-79.809668	
0.71837	-9.051481	-102.098382	-0.654845
-0.003789	-0.181758	-57.069592	
0.85919	-9.051481	-102.098382	-0.654845
-0.003789	-0.164036	-36.845759	
1.00000	-9.051481	-102.098382	-0.654845
-0.003789	-0.634116	-38.803093	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	7.802826	17.668474	0.762359
0.001302	0.859069	122.777084	
0.57756	7.802826	17.668474	0.762359
0.001302	0.539536	15.563665	
0.71837	7.802826	17.668474	0.762359
0.001302	0.220294	8.597264	
0.85919	7.802826	17.668474	0.762359
0.001302	0.084092	3.368799	
1.00000	7.802826	17.668474	0.762359
0.001302	0.330962	3.177257	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-1.359756	-61.336901	-0.588965
-7.26E-06	-0.656472	-115.387634	
0.57756	-1.359756	-61.336901	-0.588965
-7.26E-06	-0.409613	-89.701713	
0.71837	-1.359756	-61.336901	-0.588965
-7.26E-06	-0.162753	-64.079450	
0.85919	-1.359756	-61.336901	-0.588965
-7.26E-06	-0.381219	-38.472916	
1.00000	-1.359756	-61.336901	-0.588965
-7.26E-06	-0.419084	-13.002808	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	14.397179	43.193957	1.178610
0.007415	1.302555	97.236175	
0.57756	14.397179	43.193957	1.178610
0.007415	0.810206	81.380161	
0.71837	14.397179	43.193957	1.178610
0.007415	0.334488	71.058115	
0.85919	14.397179	43.193957	1.178610
0.007415	0.123347	92.468162	
1.00000	14.397179	43.193957	1.178610
0.007415	0.445103	113.360633	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-2.736429	-146.395077	-0.792460
-0.005660	-0.883508	-158.501066	
0.57756	-2.736429	-146.395077	-0.792460
-0.005660	-0.551352	-103.218402	
0.71837	-2.736429	-146.395077	-0.792460
-0.005660	-0.219161	-67.617067	
0.85919	-2.736429	-146.395077	-0.792460
-0.005660	-0.182960	-35.889944	
1.00000	-2.736429	-146.395077	-0.792460
-0.005660	-0.673953	-12.396994	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3569
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	11.875055	80.910715	1.265518
0.005372	1.405808	177.198945	
0.57756	11.875055	80.910715	1.265518
0.005372	0.876544	145.022554	
0.71837	11.875055	80.910715	1.265518
0.005372	0.358803	120.856400	
0.85919	11.875055	80.910715	1.265518
0.005372	0.123064	110.678942	
1.00000	11.875055	80.910715	1.265518
0.005372	0.448059	106.051648	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-7.148082	-123.462661	-0.792464
-0.004085	-0.880660	-149.886270	
0.57756	-7.148082	-123.462661	-0.792464
-0.004085	-0.548527	-102.340284	
0.71837	-7.148082	-123.462661	-0.792464
-0.004085	-0.218058	-68.394346	
0.85919	-7.148082	-123.462661	-0.792464
-0.004085	-0.188188	-37.128200	
1.00000	-7.148082	-123.462661	-0.792464
-0.004085	-0.716279	-14.067560	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	10.401833	78.081900	1.244877
0.004452	1.384969	152.733992	
0.57756	10.401833	78.081900	1.244877
0.004452	0.864151	124.115846	
0.71837	10.401833	78.081900	1.244877
0.004452	0.352854	102.301784	
0.85919	10.401833	78.081900	1.244877
0.004452	0.117469	93.155990	
1.00000	10.401833	78.081900	1.244877
0.004452	0.433624	91.820444	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-8.916609	-109.568397	-0.768520
-0.004031	-0.854870	-135.685510	
0.57756	-8.916609	-109.568397	-0.768520
-0.004031	-0.533440	-97.635017	
0.71837	-8.916609	-109.568397	-0.768520
-0.004031	-0.212327	-72.148672	
0.85919	-8.916609	-109.568397	-0.768520
-0.004031	-0.182557	-49.642950	
1.00000	-8.916609	-109.568397	-0.768520
-0.004031	-0.702443	-34.052988	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	2.603830	11.304975	0.434987
7.44E-06	0.486137	4.409216	
0.57756	2.603830	11.304975	0.434987
7.44E-06	0.303721	3.488447	
0.71837	2.603830	11.304975	0.434987
7.44E-06	0.121064	3.725207	
0.85919	2.603830	11.304975	0.434987
7.44E-06	0.030847	8.566322	
1.00000	2.603830	11.304975	0.434987
7.44E-06	0.133511	14.135615	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-2.452252	-15.072897	-0.244040
-0.001114	-0.277557	-37.006207	
0.57756	-2.452252	-15.072897	-0.244040
-0.001114	-0.173017	-36.228058	
0.71837	-2.452252	-15.072897	-0.244040
-0.001114	-0.070818	-36.030246	
0.85919	-2.452252	-15.072897	-0.244040
-0.001114	-0.059252	-39.926519	
1.00000	-2.452252	-15.072897	-0.244040
-0.001114	-0.242462	-44.063783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3570
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	2.940677	30.435319	0.788822
0.000139	0.881435	24.837392	
0.57756	2.940677	30.435319	0.788822
0.000139	0.550759	17.494022	
0.71837	2.940677	30.435319	0.788822
0.000139	0.219838	11.681337	
0.85919	2.940677	30.435319	0.788822
0.000139	0.057344	13.373539	
1.00000	2.940677	30.435319	0.788822
0.000139	0.235449	20.701592	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-7.108908	-25.505865	-0.424255
-0.001937	-0.475342	-54.515559	
0.57756	-7.108908	-25.505865	-0.424255
-0.001937	-0.119606	-51.678036	
0.71837	-7.108908	-25.505865	-0.424255
-0.001937	-0.108170	-57.044191	
0.85919	-7.108908	-25.505865	-0.424255
-0.001937	-0.439681	-65.461702	
1.00000	-7.108908	-25.505865	-0.424255
-0.001937	-0.439681	-65.461702	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	2.758472	73.880373	1.096569
1.36E-05	1.224460	150.355837	
0.57756	2.758472	73.880373	1.096569
1.36E-05	0.764297	124.548144	
0.71837	2.758472	73.880373	1.096569
1.36E-05	0.303533	99.838130	
0.85919	2.758472	73.880373	1.096569
1.36E-05	0.078070	81.463829	
1.00000	2.758472	73.880373	1.096569
1.36E-05	0.314550	67.585528	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.749650	-26.038810	-0.562153
-0.001613	-0.627187	-54.899002	
0.57756	-9.749650	-26.038810	-0.562153
-0.001613	-0.391736	-51.778983	
0.71837	-9.749650	-26.038810	-0.562153
-0.001613	-0.155172	-49.345571	
0.85919	-9.749650	-26.038810	-0.562153
-0.001613	-0.149846	-52.326957	
1.00000	-9.749650	-26.038810	-0.562153
-0.001613	-0.611461	-57.359372	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	7.921265	71.321433	1.481818
0.003294	1.646168	151.242574	
0.57756	7.921265	71.321433	1.481818
0.003294	1.026035	127.313287	
0.71837	7.921265	71.321433	1.481818
0.003294	0.410177	111.592922	
0.85919	7.921265	71.321433	1.481818
0.003294	0.132410	111.649369	
1.00000	7.921265	71.321433	1.481818
0.003294	0.491893	125.841271	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-8.749896	-88.790197	-0.875606
-0.003957	-0.977107	-98.060119	
0.57756	-8.749896	-88.790197	-0.875606
-0.003957	-0.610179	-68.760449	
0.71837	-8.749896	-88.790197	-0.875606
-0.003957	-0.242470	-51.031748	
0.85919	-8.749896	-88.790197	-0.875606
-0.003957	-0.214938	-45.021542	
1.00000	-8.749896	-88.790197	-0.875606
-0.003957	-0.837015	-51.633544	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3571
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.368350	29.334535	0.399671
7.54E-05	0.446389	52.157033	
0.57756	0.368350	29.334535	0.399671
7.54E-05	0.278694	40.552753	
0.71837	0.368350	29.334535	0.399671
7.54E-05	0.110915	29.297565	
0.85919	0.368350	29.334535	0.399671
7.54E-05	0.030909	19.296425	
1.00000	0.368350	29.334535	0.399671
7.54E-05	0.116500	12.797146	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-5.598944	-9.028698	-0.203908
-0.000621	-0.225261	-16.802729	
0.57756	-5.598944	-9.028698	-0.203908
-0.000621	-0.139716	-14.524832	
0.71837	-5.598944	-9.028698	-0.203908
-0.000621	-0.054085	-12.544173	
0.85919	-5.598944	-9.028698	-0.203908
-0.000621	-0.054764	-11.599061	
1.00000	-5.598944	-9.028698	-0.203908
-0.000621	-0.222540	-12.529629	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	4.033638	71.473577	0.910852
0.004212	1.001048	180.589374	
0.57756	4.033638	71.473577	0.910852
0.004212	0.621085	152.949892	
0.71837	4.033638	71.473577	0.910852
0.004212	0.248232	133.946324	
0.85919	4.033638	71.473577	0.910852
0.004212	0.083430	128.389539	
1.00000	4.033638	71.473577	0.910852
0.004212	0.266538	126.297930	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-7.729246	-59.450557	-0.466253
-0.004444	-0.516884	-40.647565	
0.57756	-7.729246	-59.450557	-0.466253
-0.004444	-0.321573	-18.827654	
0.71837	-7.729246	-59.450557	-0.466253
-0.004444	-0.125523	-13.339755	
0.85919	-7.729246	-59.450557	-0.466253
-0.004444	-0.144806	-11.831044	
1.00000	-7.729246	-59.450557	-0.466253
-0.004444	-0.526051	-12.333638	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	4.764396	74.785133	1.165306
0.003812	1.287672	163.617855	
0.57756	4.764396	74.785133	1.165306
0.003812	0.800620	138.701217	
0.71837	4.764396	74.785133	1.165306
0.003812	0.320175	121.582212	
0.85919	4.764396	74.785133	1.165306
0.003812	0.098956	119.783485	
1.00000	4.764396	74.785133	1.165306
0.003812	0.339702	122.419484	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.601561	-65.009948	-0.600422
-0.004862	-0.588777	-43.379605	
0.57756	-9.601561	-65.009948	-0.600422
-0.004862	-0.417699	-41.785966	
0.71837	-9.601561	-65.009948	-0.600422
-0.004862	-0.165022	-37.245760	
0.85919	-9.601561	-65.009948	-0.600422
-0.004862	-0.177059	-38.950691	
1.00000	-9.601561	-65.009948	-0.600422
-0.004862	-0.665624	-43.312752	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3572
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	8.301884	73.966222	1.646243
0.003167	1.832849	150.464887	
0.57756	8.301884	73.966222	1.646243
0.003167	1.143303	124.887406	
0.71837	8.301884	73.966222	1.646243
0.003167	0.457683	104.355293	
0.85919	8.301884	73.966222	1.646243
0.003167	0.154395	97.237508	
1.00000	8.301884	73.966222	1.646243
0.003167	0.579586	109.217222	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-8.989993	-94.573071	-1.028756
-0.003216	-1.146416	-112.583504	
0.57756	-8.989993	-94.573071	-1.028756
-0.003216	-0.716829	-79.444906	
0.71837	-8.989993	-94.573071	-1.028756
-0.003216	-0.283845	-55.444211	
0.85919	-8.989993	-94.573071	-1.028756
-0.003216	-0.234506	-38.583976	
1.00000	-8.989993	-94.573071	-1.028756
-0.003216	-0.925586	-42.573637	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	6.826200	22.163104	1.122822
0.001328	1.258604	26.556589	
0.57756	6.826200	22.163104	1.122822
0.001328	0.787506	17.433308	
0.71837	6.826200	22.163104	1.122822
0.001328	0.316718	8.604619	
0.85919	6.826200	22.163104	1.122822
0.001328	0.126305	3.669473	
1.00000	6.826200	22.163104	1.122822
0.001328	0.498170	3.876909	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-1.976123	-56.780139	-0.887022
-4.30E-06	-0.988967	-108.733903	
0.57756	-1.976123	-56.780139	-0.887022
-4.30E-06	-0.617174	-85.204636	
0.71837	-1.976123	-56.780139	-0.887022
-4.30E-06	-0.245600	-61.762081	
0.85919	-1.976123	-56.780139	-0.887022
-4.30E-06	-0.151774	-41.934551	
1.00000	-1.976123	-56.780139	-0.887022
-4.30E-06	-0.622693	-24.816581	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	13.260241	46.407445	1.688986
0.007463	1.869664	103.913435	
0.57756	13.260241	46.407445	1.688986
0.007463	1.164425	87.166156	
0.71837	13.260241	46.407445	1.688986
0.007463	0.469777	82.564260	
0.85919	13.260241	46.407445	1.688986
0.007463	0.196657	99.448781	
1.00000	13.260241	46.407445	1.688986
0.007463	0.696358	121.649816	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-3.168662	-138.083708	-1.235431
-0.005652	-1.378048	-150.860046	
0.57756	-3.168662	-138.083708	-1.235431
-0.005652	-0.860245	-95.389729	
0.71837	-3.168662	-138.083708	-1.235431
-0.005652	-0.342438	-63.002630	
0.85919	-3.168662	-138.083708	-1.235431
-0.005652	-0.257142	-38.804383	
1.00000	-3.168662	-138.083708	-1.235431
-0.005652	-0.963470	-20.444484	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3573
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	11.020808	76.585101	1.839933
0.005629	2.042866	173.820567	
0.57756	11.020808	76.585101	1.839933
0.005629	1.273127	144.100425	
0.71837	11.020808	76.585101	1.839933
0.005629	0.510930	123.214621	
0.85919	11.020808	76.585101	1.839933
0.005629	0.195384	118.588554	
1.00000	11.020808	76.585101	1.839933
0.005629	0.708366	119.280285	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-7.156436	-118.701019	-1.254706
-0.004274	-1.396644	-141.962919	
0.57756	-7.156436	-118.701019	-1.254706
-0.004274	-0.870804	-94.187151	
0.71837	-7.156436	-118.701019	-1.254706
-0.004274	-0.344750	-63.077154	
0.85919	-7.156436	-118.701019	-1.254706
-0.004274	-0.271186	-38.959232	
1.00000	-7.156436	-118.701019	-1.254706
-0.004274	-1.041132	-19.892462	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	9.757693	75.689035	1.826738
0.004676	2.031053	150.168279	
0.57756	9.757693	75.689035	1.826738
0.004676	1.266530	123.404946	
0.71837	9.757693	75.689035	1.826738
0.004676	0.508185	104.201596	
0.85919	9.757693	75.689035	1.826738
0.004676	0.183496	100.513973	
1.00000	9.757693	75.689035	1.826738
0.004676	0.673861	104.200685	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.170231	-107.482136	-1.194370
-0.004211	-1.330188	-135.210545	
0.57756	-9.170231	-107.482136	-1.194370
-0.004211	-0.829587	-95.873463	
0.71837	-9.170231	-107.482136	-1.194370
-0.004211	-0.328733	-70.492754	
0.85919	-9.170231	-107.482136	-1.194370
-0.004211	-0.264966	-52.230013	
1.00000	-9.170231	-107.482136	-1.194370
-0.004211	-1.030628	-40.504115	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	14.397179	80.910715	1.265518
0.007415	1.405808	183.314262	
0.57756	14.397179	80.910715	1.265518
0.007415	0.876544	145.022591	
0.71837	14.397179	80.910715	1.265518
0.007415	0.358803	130.729424	
0.85919	14.397179	80.910715	1.265518
0.007415	0.123347	125.052325	
1.00000	14.397179	80.910715	1.265518
0.007415	0.448059	122.976238	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-10.139230	-146.395077	-0.792464
-0.005660	-0.883508	-158.501066	
0.57756	-10.139230	-146.395077	-0.792464
-0.005660	-0.551352	-103.218402	
0.71837	-10.139230	-146.395077	-0.792464
-0.005660	-0.219161	-72.148672	
0.85919	-10.139230	-146.395077	-0.792464
-0.005660	-0.188188	-50.807466	
1.00000	-10.139230	-146.395077	-0.792464
-0.005660	-0.716279	-58.181147	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3574
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	13.260241	76.585101	1.839933
0.007463	2.042866	180.589374	
0.57756	13.260241	76.585101	1.839933
0.007463	1.273127	152.949892	
0.71837	13.260241	76.585101	1.839933
0.007463	0.510930	133.946324	
0.85919	13.260241	76.585101	1.839933
0.007463	0.196657	128.389539	
1.00000	13.260241	76.585101	1.839933
0.007463	0.708366	126.297930	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-9.749650	-138.083708	-1.254706
-0.005652	-1.396644	-150.860046	
0.57756	-9.749650	-138.083708	-1.254706
-0.005652	-0.870804	-95.873463	
0.71837	-9.749650	-138.083708	-1.254706
-0.005652	-0.344750	-70.492754	
0.85919	-9.749650	-138.083708	-1.254706

```
-0.005652   -0.270186   -57.044191
1.00000   -9.749650  -138.083708   -1.254706
-0.005652   -1.041132   -65.461702

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43675   14.397179   80.910715    1.839933
 0.007463    2.042866   183.314262
0.57756   14.397179   80.910715    1.839933
 0.007463    1.273127   152.949892
0.71837   14.397179   80.910715    1.839933
 0.007463    0.510930   133.946324
0.85919   14.397179   80.910715    1.839933
 0.007463    0.196657   128.389539
1.00000   14.397179   80.910715    1.839933
 0.007463    0.708366   126.297930

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43675  -10.139230  -146.395077   -1.254706
-0.005660   -1.396644   -158.501066
0.57756  -10.139230  -146.395077   -1.254706
-0.005660   -0.870804   -103.218402
0.71837  -10.139230  -146.395077   -1.254706
-0.005660   -0.344750   -72.148672
0.85919  -10.139230  -146.395077   -1.254706
-0.005660   -0.270186   -57.044191
1.00000  -10.139230  -146.395077   -1.254706
-0.005660   -1.041132   -65.461702

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.43675   14.397179   80.910715    1.839933
 0.007463    2.042866   183.314262
0.57756   14.397179   80.910715    1.839933
 0.007463    1.273127   152.949892
0.71837   14.397179   80.910715    1.839933
 0.007463    0.510930   133.946324
0.85919   14.397179   80.910715    1.839933
 0.007463    0.196657   128.389539
1.00000   14.397179   80.910715    1.839933
 0.007463    0.708366   126.297930

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.43675  -10.139230  -146.395077   -1.254706
-0.005660   -1.396644   -158.501066
0.57756  -10.139230  -146.395077   -1.254706
-0.005660   -0.870804   -103.218402
0.71837  -10.139230  -146.395077   -1.254706
-0.005660   -0.344750   -72.148672
0.85919  -10.139230  -146.395077   -1.254706
-0.005660   -0.270186   -57.044191
1.00000  -10.139230  -146.395077   -1.254706
-0.005660   -1.041132   -65.461702
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3575

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM     339 ========== LENGTH
=   2.977556

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.606338    8.992421    0.314578
6.81E-06    0.179195   10.153602
0.14085    1.606338    8.992421    0.314578
6.81E-06    0.047108   14.839903
0.28170    1.606338    8.992421    0.314578
6.81E-06    0.050590   19.649252
0.42255    1.606338    8.992421    0.314578
6.81E-06    0.135572   24.518545
0.56340    1.606338    8.992421    0.314578
6.81E-06    0.220566   29.423865

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -2.549293   -11.749905   -0.202659
-0.000674   -0.119634   -37.615055
0.14085   -2.549293   -11.749905   -0.202659
-0.000674   -0.034806   -41.106041
0.28170   -2.549293   -11.749905   -0.202659
-0.000674   -0.084678   -44.653168
0.42255   -2.549293   -11.749905   -0.202659
-0.000674   -0.216600   -48.212762
0.56340   -2.549293   -11.749905   -0.202659
-0.000674   -0.348529   -51.846157

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.848387   29.138288    0.537985
 0.000184    0.306549   16.868242
0.14085    1.848387   29.138288    0.537985
 0.000184    0.080896   22.788206
0.28170    1.848387   29.138288    0.537985
 0.000184    0.085584   29.118055
0.42255    1.848387   29.138288    0.537985
 0.000184    0.222747   36.421412
0.56340    1.848387   29.138288    0.537985
 0.000184    0.359984   44.326391

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -6.887212   -19.388886   -0.327295
-0.001405   -0.187090   -58.197319
0.14085   -6.887212   -19.388886   -0.327295
-0.001405   -0.052380   -67.380323
0.28170   -6.887212   -19.388886   -0.327295
-0.001405   -0.145301   -76.911249
0.42255   -6.887212   -19.388886   -0.327295
-0.001405   -0.370386   -86.913342
0.56340   -6.887212   -19.388886   -0.327295
-0.001405   -0.595955   -98.245316

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.733104   77.296550    0.736678
 6.13E-06    0.415007   54.161364
0.14085    1.733104   77.296550    0.736678
 6.13E-06    0.105988   45.423319
0.28170    1.733104   77.296550    0.736678
 6.13E-06    0.098723   47.942525
0.42255    1.733104   77.296550    0.736678
 6.13E-06    0.255386   53.106658
0.56340    1.733104   77.296550    0.736678
 6.13E-06    0.412194   59.157520

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.055484   -20.683716   -0.373782
-0.001566   -0.214826   -51.100021
0.14085   -10.055484   -20.683716   -0.373782
-0.001566   -0.058152   -55.074691
0.28170   -10.055484   -20.683716   -0.373782
-0.001566   -0.203199   -71.074869
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3576

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.42255   -10.055484   -20.683716   -0.373782
-0.001566   -0.512033   -102.085726
0.56340   -10.055484   -20.683716   -0.373782
-0.001566   -0.820974   -133.889073

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    5.822652   106.861108    1.059229
 0.003779    0.612006   119.357619
0.14085    5.822652   106.861108    1.059229
 0.003779    0.168472   112.319475
0.28170    5.822652   106.861108    1.059229
 0.003779    0.154003   114.375398
0.42255    5.822652   106.861108    1.059229
 0.003779    0.394981   127.939491
0.56340    5.822652   106.861108    1.059229
 0.003779    0.635997   149.796968

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.685762   -59.696909   -0.574684
-0.004736   -0.328057   -45.909590
0.14085   -10.685762   -59.696909   -0.574684
-0.004736   -0.092324   -51.593268
0.28170   -10.685762   -59.696909   -0.574684
-0.004736   -0.288419   -67.409617
0.42255   -10.685762   -59.696909   -0.574684
-0.004736   -0.722066   -95.398778
0.56340   -10.685762   -59.696909   -0.574684
-0.004736   -1.165199   -133.157520

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.424731   32.110573    0.238697
 9.10E-06    0.133615   12.208082
0.14085    0.424731   32.110573    0.238697
 9.10E-06    0.033524   10.610433
0.28170    0.424731   32.110573    0.238697
 9.10E-06    0.036025   11.458849
0.42255    0.424731   32.110573    0.238697
 9.10E-06    0.086816   12.856417
0.56340    0.424731   32.110573    0.238697
 9.10E-06    0.137602   14.431825

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -5.314326   -7.697057   -0.121151
-0.000625   -0.065653   -13.244715
0.14085   -5.314326   -7.697057   -0.121151
-0.000625   -0.015602   -17.413619
0.28170   -5.314326   -7.697057   -0.121151
-0.000625   -0.066679   -29.079786
0.42255   -5.314326   -7.697057   -0.121151
-0.000625   -0.166764   -41.604091
0.56340   -5.314326   -7.697057   -0.121151
-0.000625   -0.266857   -54.867325

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.526554   125.681606    0.630678
 0.004776    0.372162   123.263940
0.14085    1.526554   125.681606    0.630678
 0.004776    0.108728   86.970611
0.28170    1.526554   125.681606    0.630678
 0.004776    0.073111   62.641231
0.42255    1.526554   125.681606    0.630678
 0.004776    0.183222   53.956388
0.56340    1.526554   125.681606    0.630678
 0.004776    0.293300   56.569076

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.398834   -16.006717   -0.262476
-0.005634   -0.147002   -13.030547
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3577

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.14085   -10.398834   -16.006717   -0.262476
-0.005634   -0.043891   -13.712885
0.28170   -10.398834   -16.006717   -0.262476
-0.005634   -0.173202   -27.911758
0.42255   -10.398834   -16.006717   -0.262476
-0.005634   -0.423221   -57.845346
0.56340   -10.398834   -16.006717   -0.262476
-0.005634   -0.686215   -101.168797

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.176644   121.917051    0.810819
 0.004316    0.473500   117.093905
0.14085    2.176644   121.917051    0.810819
 0.004316    0.134375   88.193308
0.28170    2.176644   121.917051    0.810819
 0.004316    0.102690   69.970551
0.42255    2.176644   121.917051    0.810819
 0.004316    0.263527   65.810973
0.56340    2.176644   121.917051    0.810819
 0.004316    0.424128   71.904764

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -12.027527   -23.327426   -0.383031
-0.005622   -0.218489   -40.270150
0.14085   -12.027527   -23.327426   -0.383031
-0.005622   -0.064232   -44.105335
0.28170   -12.027527   -23.327426   -0.383031
-0.005622   -0.221361   -60.534496
0.42255   -12.027527   -23.327426   -0.383031
-0.005622   -0.548334   -90.937532
0.56340   -12.027527   -23.327426   -0.383031
-0.005622   -0.887010   -133.418684

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.338113   103.174207    1.183909
 0.003453    0.680138   103.156116
0.14085    7.338113   103.174207    1.183909
 0.003453    0.184209   104.713410
0.28170    7.338113   103.174207    1.183909
 0.003453    0.180608   115.492453
0.42255    7.338113   103.174207    1.183909
 0.003453    0.459873   136.205251
0.56340    7.338113   103.174207    1.183909
 0.003453    0.739113   163.776966

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.418419   -72.700771   -0.665895
-0.003936   -0.378009   -38.795822
0.14085   -10.418419   -72.700771   -0.665895
-0.003936   -0.102861   -45.454669
0.28170   -10.418419   -72.700771   -0.665895
-0.003936   -0.322643   -62.602172
0.42255   -10.418419   -72.700771   -0.665895
-0.003936   -0.810565   -91.920947
0.56340   -10.418419   -72.700771   -0.665895
-0.003936   -1.306185   -129.322435

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    7.854777   17.649317    0.848708
 0.001187    0.482084    3.173355
0.14085    7.854777   17.649317    0.848708
 0.001187    0.126139   14.534757
0.28170    7.854777   17.649317    0.848708
 0.001187    0.160939   40.047464
0.42255    7.854777   17.649317    0.848708
 0.001187    0.407302   65.799262
0.56340    7.854777   17.649317    0.848708
 0.001187    0.653664   91.605855
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3578

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1.358769   -61.676392   -0.587430
-1.91E-05   -0.331783   -13.027237
0.14085   -1.358769   -61.676392   -0.587430
-1.91E-05   -0.085379   -16.390670
0.28170   -1.358769   -61.676392   -0.587430
-1.91E-05   -0.329821   -22.881140
0.42255   -1.358769   -61.676392   -0.587430
-1.91E-05   -0.585740   -29.790529
0.56340   -1.358769   -61.676392   -0.587430
-1.91E-05   -0.941677   -37.082991

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   10.956302   100.905666    1.282036
 0.007114    0.749470   113.725801
0.14085   10.956302   100.905666    1.282036
 0.007114    0.213049   107.794977
0.28170   10.956302   100.905666    1.282036
 0.007114    0.217102   111.292979
0.42255   10.956302   100.905666    1.282036
 0.007114    0.550266   132.102201
0.56340   10.956302   100.905666    1.282036
 0.007114    0.883397   165.882793

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -5.664990   -85.587441   -0.794315
-0.005884   -0.449113   -12.375626
0.14085   -5.664990   -85.587441   -0.794315
-0.005884   -0.124646   -20.353046
0.28170   -5.664990   -85.587441   -0.794315
-0.005884   -0.345533   -28.525306
0.42255   -5.664990   -85.587441   -0.794315
-0.005884   -0.865680   -41.175021
0.56340   -5.664990   -85.587441   -0.794315
-0.005884   -1.401542   -72.233263

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    9.533738   120.137634    1.349992
 0.005108    0.686106   106.284810
0.14085    9.533738   120.137634    1.349992
 0.005108    0.212833   100.600182
0.28170    9.533738   120.137634    1.349992
 0.005108    0.216270   108.647635
0.42255    9.533738   120.137634    1.349992
 0.005108    0.546447   129.862223
0.56340    9.533738   120.137634    1.349992
 0.005108    0.876589   160.574794

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.109107   -81.907056   -0.787167
-0.004588   -0.443889   -14.045376
0.14085   -9.109107   -81.907056   -0.787167
-0.004588   -0.119535   -19.041657
0.28170   -9.109107   -81.907056   -0.787167
-0.004588   -0.367907   -37.082126
0.42255   -9.109107   -81.907056   -0.787167
-0.004588   -0.812966   -65.811834
0.56340   -9.109107   -81.907056   -0.787167
-0.004588   -1.486855   -111.394970

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    8.466805   110.410056    1.322912
 0.004232    0.760967   92.019244
0.14085    8.466805   110.410056    1.322912
 0.004232    0.206851   90.119648
0.28170    8.466805   110.410056    1.322912
 0.004232    0.277227   95.791180
0.42255    8.466805   110.410056    1.322912
 0.004232    0.532834   120.419772
0.56340    8.466805   110.410056    1.322912
 0.004232    0.855458   148.932449
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3579

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.524999   -75.213041   -0.769274
-0.004264   -0.435097   -34.041459
0.14085   -10.524999   -75.213041   -0.769274
-0.004264   -0.117263   -41.889911
0.28170   -10.524999   -75.213041   -0.769274
-0.004264   -0.359978   -60.174896
0.42255   -10.524999   -75.213041   -0.769274
-0.004264   -0.904785   -90.407476
0.56340   -10.524999   -75.213041   -0.769274
-0.004264   -1.458556   -129.973866

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.580258   11.340056    0.430187
 3.96E-06    0.242015   14.148656
0.14085    2.580258   11.340056    0.430187
 3.96E-06    0.061812   20.027062
0.28170    2.580258   11.340056    0.430187
 3.96E-06    0.073171   25.981763
0.42255    2.580258   11.340056    0.430187
 3.96E-06    0.193566   31.979029
0.56340    2.580258   11.340056    0.430187
 3.96E-06    0.312871   38.024423

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -2.431759   -15.036726   -0.285868
-0.000699   -0.167318   -44.079337
0.14085   -2.431759   -15.036726   -0.285868
-0.000699   -0.047129   -48.330569
0.28170   -2.431759   -15.036726   -0.285868
-0.000699   -0.111801   -52.658630
0.42255   -2.431759   -15.036726   -0.285868
-0.000699   -0.298771   -56.967548
0.56340   -2.431759   -15.036726   -0.285868
-0.000699   -0.479309   -61.364832

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.848557   31.368315    0.786148
 0.000111    0.442524   20.723243
0.14085    2.848557   31.368315    0.786148
 0.000111    0.113287   28.843253
0.28170    2.848557   31.368315    0.786148
 0.000111    0.120306   37.575880
0.42255    2.848557   31.368315    0.786148
 0.000111    0.311383   46.809116
0.56340    2.848557   31.368315    0.786148
 0.000111    0.500569   56.546649

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -7.136284   -24.393603   -0.453366
-0.001355   -0.260835   -65.486610
0.14085   -7.136284   -24.393603   -0.453366
-0.001355   -0.070362   -75.226167
0.28170   -7.136284   -24.393603   -0.453366
-0.001355   -0.215931   -85.678889
0.42255   -7.136284   -24.393603   -0.453366
-0.001355   -0.545961   -97.213742
0.56340   -7.136284   -24.393603   -0.453366
-0.001355   -0.875737   -109.621669

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.742294   73.424463    1.078144
 7.42E-06    0.602408   67.585936
0.14085    2.742294   73.424463    1.078144
 7.42E-06    0.149272   59.201679
0.28170    2.742294   73.424463    1.078144
 7.42E-06    0.154511   58.599929
0.42255    2.742294   73.424463    1.078144
 7.42E-06    0.395034   65.581628
0.56340    2.742294   73.424463    1.078144
 7.42E-06    0.633119   74.207744
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3580

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.683288   -26.077766   -0.570126
-0.001499   -0.324604   -57.374450
0.14085   -9.683288   -26.077766   -0.570126
-0.001499   -0.084438   -63.072328
0.28170   -9.683288   -26.077766   -0.570126
-0.001499   -0.298794   -77.633932
0.42255   -9.683288   -26.077766   -0.570126
-0.001499   -0.752043   -105.424223
0.56340   -9.683288   -26.077766   -0.570126
-0.001499   -1.204655   -134.716241

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    6.274007   97.014039    1.490017
 0.002949    0.846609   125.855763
0.14085    6.274007   97.014039    1.490017
 0.002949    0.221615   122.036299
0.28170    6.274007   97.014039    1.490017
 0.002949    0.241700   124.774425
0.42255    6.274007   97.014039    1.490017
 0.002949    0.615532   140.577506
0.56340    6.274007   97.014039    1.490017
 0.002949    0.987414   163.174674

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.138455   -61.841431   -0.888608
-0.003905   -0.505584   -51.635940
0.14085   -10.138455   -61.841431   -0.888608
-0.003905   -0.139521   -59.129446
0.28170   -10.138455   -61.841431   -0.888608
-0.003905   -0.408708   -74.213314
0.42255   -10.138455   -61.841431   -0.888608
-0.003905   -1.028628   -100.102806
0.56340   -10.138455   -61.841431   -0.888608
-0.003905   -1.652324   -137.345102

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.369133   29.236031    0.394292
 5.20E-06    0.219618   12.797586
0.14085    0.369133   29.236031    0.394292
 5.20E-06    0.054499   11.350865
0.28170    0.369133   29.236031    0.394292
 5.20E-06    0.051647   13.058096
0.42255    0.369133   29.236031    0.394292
 5.20E-06    0.126496   15.599411
0.56340    0.369133   29.236031    0.394292
 5.20E-06    0.201278   18.485221

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -5.588109   -9.026379   -0.178172
-0.000577   -0.097407   -12.534048
0.14085   -5.588109   -9.026379   -0.178172
-0.000577   -0.022651   -17.768024
0.28170   -5.588109   -9.026379   -0.178172
-0.000577   -0.109779   -27.763478
0.42255   -5.588109   -9.026379   -0.178172
-0.000577   -0.197907   -38.999722
0.56340   -5.588109   -9.026379   -0.178172
-0.000577   -0.441029   -50.713173

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    1.499884   110.751027    0.897721
 0.004070    0.517360   126.325733
0.14085    1.499884   110.751027    0.897721
 0.004070    0.141433   92.725343
0.28170    1.499884   110.751027    0.897721
 0.004070    0.122714   67.939211
0.42255    1.499884   110.751027    0.897721
 0.004070    0.306112   61.523443
0.56340    1.499884   110.751027    0.897721
 0.004070    0.489072   64.737599
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3581

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.875616   -17.860169   -0.436082
-0.004858   -0.244263   -12.328238
0.14085   -9.875616   -17.860169   -0.436082
-0.004858   -0.073630   -13.638460
0.28170   -9.875616   -17.860169   -0.436082
-0.004858   -0.246517   -25.788925
0.42255   -9.875616   -17.860169   -0.436082
-0.004858   -0.614385   -51.229096
0.56340   -9.875616   -17.860169   -0.436082
-0.004858   -0.988802   -93.333524

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    2.459988   110.342946    1.154224
 0.003683    0.660921   122.460631
0.14085    2.459988   110.342946    1.154224
 0.003683    0.177118   96.605966
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0.28170      2.459988   110.342946     1.154224
 0.003683     0.163376    78.816051
0.42255      2.459988   110.342946     1.154224
 0.003683     0.412660    77.547787
0.56340      2.459988   110.342946     1.154224
 0.003683     0.661865    85.037339

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.523442  -27.371337   -0.594195
-0.004938   -0.336544  -43.319948
0.14085   -11.523442  -27.371337   -0.594195
-0.004938   -0.098370  -48.421717
0.28170   -11.523442  -27.371337   -0.594195
-0.004938   -0.316700  -63.707639
0.42255   -11.523442  -27.371337   -0.594195
-0.004938   -0.793208  -90.733770
0.56340   -11.523442  -27.371337   -0.594195
-0.004938   -1.275530 -132.860974

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     6.960918   95.242268     1.674798
 0.002827    0.949394  109.216132
0.14085     6.960918   95.242268     1.674798
 0.002827    0.246092  111.931572
0.28170     6.960918   95.242268     1.674798
 0.002827    0.601528  121.528202
0.42255     6.960918   95.242268     1.674798
 0.002827    0.711342  143.026823
0.56340     6.960918   95.242268     1.674798
 0.002827    1.141254  170.289891

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -10.141522  -72.327306   -1.024847
-0.003276   -0.579177  -42.568543
0.14085   -10.141522  -72.327306   -1.024847
-0.003276   -0.155820  -51.087169
0.28170   -10.141522  -72.327306   -1.024847
-0.003276   -0.459026  -68.157973
0.42255   -10.141522  -72.327306   -1.024847
-0.003276   -1.157424  -95.543791
0.56340   -10.141522  -72.327306   -1.024847
-0.003276   -1.859000 -132.470400

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     6.874787   22.104869     1.189634
 0.001159    0.672172    3.870357
0.14085     6.874787   22.104869     1.189634
 0.001159    0.177214   14.405760
0.28170     6.874787   22.104869     1.189634
 0.001159    0.243567   37.137661
0.42255     6.874787   22.104869     1.189634
 0.001159    0.614933   60.420358
0.56340     6.874787   22.104869     1.189634
 0.001159    0.983514   83.986020
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3582

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -1.986502  -56.994186   -0.885962
-1.41E-05   -0.499817   -24.827996
0.14085   -1.986502  -56.994186   -0.885962
-1.41E-05   -0.128187   -24.491328
0.28170   -1.986502  -56.994186   -0.885962
-1.41E-05   -0.323735   -32.250477
0.42255   -1.986502  -56.994186   -0.885962
-1.41E-05   -0.823024   -40.823839
0.56340   -1.986502  -56.994186   -0.885962
-1.41E-05   -1.322390   -49.752858

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     9.712197  102.570372     1.765048
 0.007020    1.019735  121.696797
0.14085     9.712197  102.570372     1.765048
 0.007020    0.280531  114.077400
0.28170     9.712197  102.570372     1.765048
 0.007020    0.340622  113.994018
0.42255     9.712197  102.570372     1.765048
 0.007020    0.861777  130.433408
0.56340     9.712197  102.570372     1.765048
 0.007020    1.383045  159.712899

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -6.276752  -79.328930   -1.242874
-0.005858   -0.704875  -20.432161
0.14085   -6.276752  -79.328930   -1.242874
-0.005858   -0.200469  -27.397694
0.28170   -6.276752  -79.328930   -1.242874
-0.005858   -0.477582  -37.458562
0.42255   -6.276752  -79.328930   -1.242874
-0.005858   -1.205237  -51.816336
0.56340   -6.276752  -79.328930   -1.242874
-0.005858   -1.942357  -89.448374

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     8.482772  116.880734     1.893068
 0.005241    1.080661  119.302678
0.14085     8.482772  116.880734     1.893068
 0.005241    0.286188  108.538897
0.28170     8.482772  116.880734     1.893068
 0.005241    0.341022  109.934861
0.42255     8.482772  116.880734     1.893068
 0.005241    0.857850  128.270441
0.56340     8.482772  116.880734     1.893068
 0.005241    1.375065  156.229959

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -9.374630  -76.487688   -1.232508
-0.004675   -0.694305  -19.879972
0.14085   -9.374630  -76.487688   -1.232508
-0.004675   -0.189667  -24.985644
0.28170   -9.374630  -76.487688   -1.232508
-0.004675   -0.516622  -43.192132
0.42255   -9.374630  -76.487688   -1.232508
-0.004675   -1.302090  -71.196145
0.56340   -9.374630  -76.487688   -1.232508
-0.004675   -2.094107 -115.902661

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     7.645744  109.062616     1.874888
 0.004353    1.068391  104.228537
0.14085     7.645744  109.062616     1.874888
 0.004353    0.281607   98.797488
0.28170     7.645744  109.062616     1.874888
 0.004353    0.325325  103.387168
0.42255     7.645744  109.062616     1.874888
 0.004353    0.820548  122.207177
0.56340     7.645744  109.062616     1.874888
 0.004353    1.315776  149.084643
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3583

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -10.996653  -72.458778   -1.180406
-0.004351   -0.666150  -40.504246
0.14085  -10.996653  -72.458778   -1.180406
-0.004351   -0.181121  -48.861660
0.28170  -10.996653  -72.458778   -1.180406
-0.004351   -0.511893  -67.964424
0.42255  -10.996653  -72.458778   -1.180406
-0.004351   -1.291277  -95.845598
0.56340  -10.996653  -72.458778   -1.180406
-0.004351   -2.076015 -137.813824

COMB     DB -------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   10.956302  125.681606     1.349992
 0.007114    0.778106  123.263940
0.14085   10.956302  125.681606     1.349992
 0.007114    0.213049  112.319475
0.28170   10.956302  125.681606     1.349992
 0.007114    0.217102  115.492453
0.42255   10.956302  125.681606     1.349992
 0.007114    0.550266  136.205251
0.56340   10.956302  125.681606     1.349992
 0.007114    0.883397  165.882793

COMB     DB -------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -12.027527  -85.587441   -0.794315
-0.005884   -0.449113  -58.197319
0.14085  -12.027527  -85.587441   -0.794315
-0.005884   -0.124646  -67.380323
0.28170  -12.027527  -85.587441   -0.794315
-0.005884   -0.367907  -76.911249
0.42255  -12.027527  -85.587441   -0.794315
-0.005884   -0.921966 -102.085726
0.56340  -12.027527  -85.587441   -0.794315
-0.005884   -1.486855 -133.889073

COMB     DL -------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000     9.712197  116.880734     1.893068
 0.007020    1.080661  126.325733
0.14085     9.712197  116.880734     1.893068
 0.007020    0.286188  122.036299
0.28170     9.712197  116.880734     1.893068
 0.007020    0.341022  124.774425
0.42255     9.712197  116.880734     1.893068
 0.007020    0.861777  143.026823
0.56340     9.712197  116.880734     1.893068
 0.007020    1.383045  170.289891

COMB     DL -------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -11.523442  -79.328930   -1.242874
-0.005858   -0.704875  -65.486610
0.14085  -11.523442  -79.328930   -1.242874
-0.005858   -0.200469  -75.226167
0.28170  -11.523442  -79.328930   -1.242874
-0.005858   -0.516622  -85.678889
0.42255  -11.523442  -79.328930   -1.242874
-0.005858   -1.302090 -105.424223
0.56340  -11.523442  -79.328930   -1.242874
-0.005858   -2.094107 -137.813824

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   10.956302  125.681606     1.893068
 0.007114    1.080661  126.325733
0.14085   10.956302  125.681606     1.893068
 0.007114    0.286188  122.036299
0.28170   10.956302  125.681606     1.893068
 0.007114    0.341022  124.774425
0.42255   10.956302  125.681606     1.893068
 0.007114    0.861777  143.026823
0.56340   10.956302  125.681606     1.893068
 0.007114    1.383045  170.289891
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3584

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -12.027527  -85.587441   -1.242874
-0.005884   -0.704875  -65.486610
0.14085  -12.027527  -85.587441   -1.242874
-0.005884   -0.200469  -75.226167
0.28170  -12.027527  -85.587441   -1.242874
-0.005884   -0.516622  -85.678889
0.42255  -12.027527  -85.587441   -1.242874
-0.005884   -1.302090 -105.424223
0.56340  -12.027527  -85.587441   -1.242874
-0.005884   -2.094107 -137.813824

COMB   DESIGN ----------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   10.956302  125.681606     1.893068
 0.007114    1.080661  126.325733
0.14085   10.956302  125.681606     1.893068
 0.007114    0.286188  122.036299
0.28170   10.956302  125.681606     1.893068
 0.007114    0.341022  124.774425
0.42255   10.956302  125.681606     1.893068
 0.007114    0.861777  143.026823
0.56340   10.956302  125.681606     1.893068
 0.007114    1.383045  170.289891

COMB   DESIGN ----------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -12.027527  -85.587441   -1.242874
-0.005884   -0.704875  -65.486610
0.14085  -12.027527  -85.587441   -1.242874
-0.005884   -0.200469  -75.226167
0.28170  -12.027527  -85.587441   -1.242874
-0.005884   -0.516622  -85.678889
0.42255  -12.027527  -85.587441   -1.242874
-0.005884   -1.302090 -105.424223
0.56340  -12.027527  -85.587441   -1.242874
-0.005884   -2.094107 -137.813824

ELEM     340 ================== LENGTH
=     2.977780

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     2.680689    2.544207     0.206822
 0.000152    0.235122    3.039877
0.57743     2.680689    2.544207     0.206822
 0.000152    0.148383    2.272415
0.71828     2.680689    2.544207     0.206822
 0.000152    0.061636    3.404531
0.85914     2.680689    2.544207     0.206822
 0.000152    0.011459    5.923646
1.00000     2.680689    2.544207     0.206822
 0.000152    0.052524   10.657789

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -1.076393  -16.663619   -0.101597
-0.001153   -0.117932  -21.285961
0.57743   -1.076393  -16.663619   -0.101597
-0.001153   -0.075318  -21.787471
0.71828   -1.076393  -16.663619   -0.101597
-0.001153   -0.032784  -22.365358
0.85914   -1.076393  -16.663619   -0.101597
-0.001153   -0.025108  -23.007955
1.00000   -1.076393  -16.663619   -0.101597
-0.001153   -0.111883  -23.714739

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     3.639987   10.953576     0.401517
 0.000310    0.451340   11.913840
0.57743     3.639987   10.953576     0.401517
 0.000310    0.283133    8.190688
0.71828     3.639987   10.953576     0.401517
 0.000310    0.114926    5.942587
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3585

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.85914     3.639987   10.953576     0.401517
 0.000310    0.022956    8.563537
1.00000     3.639987   10.953576     0.401517
 0.000310    0.091083   16.874507

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -4.466652  -33.019680   -0.171850
-0.002128   -0.197217  -46.064331
0.57743   -4.466652  -33.019680   -0.171850
-0.002128   -0.125098  -42.914120
0.71828   -4.466652  -33.019680   -0.171850
-0.002128   -0.053069  -42.355371
0.85914   -4.466652  -33.019680   -0.171850
-0.002128   -0.053993  -42.838036
1.00000   -4.466652  -33.019680   -0.171850
-0.002128   -0.222488  -44.193646

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     3.765709   53.032080     0.650391
 0.000133    0.731457  112.571170
0.57743     3.765709   53.032080     0.650391
 0.000133    0.458658   90.892394
0.71828     3.765709   53.032080     0.650391
 0.000133    0.185844   70.086942
0.85914     3.765709   53.032080     0.650391
 0.000133    0.032416   53.667205
1.00000     3.765709   53.032080     0.650391
 0.000133    0.130625   42.926219

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -7.264456  -38.686953   -0.241960
-0.001766   -0.175223  -59.000527
0.57743   -7.264456  -38.686953   -0.241960
-0.001766   -0.173664  -52.192271
0.71828   -7.264456  -38.686953   -0.241960
-0.001766   -0.072237  -46.683596
0.85914   -7.264456  -38.686953   -0.241960
-0.001766   -0.086760  -41.293125
1.00000   -7.264456  -38.686953   -0.241960
-0.001766   -0.359752  -36.364832

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     8.925676   54.417564     0.973479
 0.003872    1.085769  116.059731
0.57743     8.925676   54.417564     0.973479
 0.003872    0.681453   94.630288
0.71828     8.925676   54.417564     0.973479
 0.003872    0.277209   79.627380
0.85914     8.925676   54.417564     0.973479
 0.003872    0.077809   83.191949
1.00000     8.925676   54.417564     0.973479
 0.003872    0.283358  102.231570

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -6.965813  -105.836670   -0.513718
-0.004740   -0.578460  -106.860601
0.57743   -6.965813  -105.836670   -0.513718
-0.004740   -0.362925   -71.902918
0.71828   -6.965813  -105.836670   -0.513718
-0.004740   -0.147408   -49.670053
0.85914   -6.965813  -105.836670   -0.513718
-0.004740   -0.143427   -34.779527
1.00000   -6.965813  -105.836670   -0.513718
-0.004740   -0.551304   -33.666625

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     0.772714   19.910885     0.246565
 1.22E-05    0.275177   31.883269
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3586

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.57743     0.772714   19.910885     0.246565
 1.22E-05    0.171761   24.081358
0.71828     0.772714   19.910885     0.246565
 1.22E-05    0.068045   17.000590
0.85914     0.772714   19.910885     0.246565
 1.22E-05    0.013485   11.823467
1.00000     0.772714   19.910885     0.246565
 1.22E-05    0.053472    9.362312

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -4.353746  -16.629507   -0.095212
-0.000752   -0.106206  -30.777615
0.57743   -4.353746  -16.629507   -0.095212
-0.000752   -0.066215   -25.053227
0.71828   -4.353746  -16.629507   -0.095212
-0.000752   -0.026243   -21.004791
0.85914   -4.353746  -16.629507   -0.095212
-0.000752   -0.035085   -17.353175
1.00000   -4.353746  -16.629507   -0.095212
-0.000752   -0.138515   -14.638661

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     5.215164   59.592710     0.650708
 0.004404    0.714819  135.731588
0.57743     5.215164   59.592710     0.650708
 0.004404    0.447284  111.802518
0.71828     5.215164   59.592710     0.650708
 0.004404    0.179860   95.698924
0.85914     5.215164   59.592710     0.650708
 0.004404    0.048073   98.450358
1.00000     5.215164   59.592710     0.650708
 0.004404    0.148051  104.447360

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -6.666627   -80.254354   -0.264901
-0.005082   -0.296279   -68.643890
0.57743   -6.666627   -80.254354   -0.264901
-0.005082   -0.185089   -38.253532
0.71828   -6.666627   -80.254354   -0.264901
-0.005082   -0.073971   -25.292657
0.85914   -6.666627   -80.254354   -0.264901
-0.005082   -0.109544   -18.372469
1.00000   -6.666627   -80.254354   -0.264901
-0.005082   -0.382030   -12.581331

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     6.226296   55.621876     0.754671
 0.003980    0.834577  123.622782
0.57743     6.226296   55.621876     0.754671
 0.003980    0.522916  101.758534
0.71828     6.226296   55.621876     0.754671
 0.003980    0.211353   86.903950
0.85914     6.226296   55.621876     0.754671
 0.003980    0.052883   89.458117
1.00000     6.226296   55.621876     0.754671
 0.003980    0.171497  100.403873

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -7.637885   -85.920595   -0.306673
-0.005487   -0.342885   -78.839237
0.57743   -7.637885   -85.920595   -0.306673
-0.005487   -0.214153   -52.202839
0.71828   -7.637885   -85.920595   -0.306673
-0.005487   -0.086462   -41.030812
0.85914   -7.637885   -85.920595   -0.306673
-0.005487   -0.120005   -35.326199
1.00000   -7.637885   -85.920595   -0.306673
-0.005487   -0.436210   -30.640460
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3587

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     8.910713   61.810325     1.125621
 0.003523    1.258996  124.186742
0.57743     8.910713   61.810325     1.125621
 0.003523    0.948963   99.712393
0.71828     8.910713   61.810325     1.125621
 0.003523    0.321331   80.205652
0.85914     8.910713   61.810325     1.125621
 0.003523    0.097792   73.946398
1.00000     8.910713   61.810325     1.125621
 0.003523    0.364218   86.648068

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -7.822657  -105.401623   -0.650712
-0.003837   -0.727406  -120.261971
0.57743   -7.822657  -105.401623   -0.650712
-0.003837   -0.454384   -83.544295
0.71828   -7.822657  -105.401623   -0.650712
-0.003837   -0.182238   -57.161588
0.85914   -7.822657  -105.401623   -0.650712
-0.003837   -0.161122   -34.368549
1.00000   -7.822657  -105.401623   -0.650712
-0.003837   -0.632666   -31.238858

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657     5.330944   30.681008     0.827907
 0.001390    0.935393   42.833941
0.57743     5.330944   30.681008     0.827907
 0.001390    0.588300   30.070020
0.71828     5.330944   30.681008     0.827907
 0.001390    0.241238   17.455585
0.85914     5.330944   30.681008     0.827907
 0.001390    0.093262    5.506119
1.00000     5.330944   30.681008     0.827907
 0.001390    0.371401    2.906203

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -3.034785   -40.352239   -0.663022
-7.11E-06   -0.741027   -79.842979
0.57743   -3.034785   -40.352239   -0.663022
-7.11E-06   -0.462931   -62.959221
0.71828   -3.034785   -40.352239   -0.663022
-7.11E-06   -0.184877   -46.100936
0.85914   -3.034785   -40.352239   -0.663022
-7.11E-06   -0.106956   -29.257917
1.00000   -3.034785   -40.352239   -0.663022
-7.11E-06   -0.453759   -13.037563

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657    11.719714   54.016380     1.254752
 0.006982    1.398335  107.313332
0.57743    11.719714   54.016380     1.254752
 0.006982    0.878616   85.789809
0.71828    11.719714   54.016380     1.254752
 0.006982    0.359381   73.483758
0.85914    11.719714   54.016380     1.254752
 0.006982    0.143036   83.454543
1.00000    11.719714   54.016380     1.254752
 0.006982    0.516766  102.016132

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -4.372030  -125.832463   -0.923573
-0.005469   -1.032781  -131.512286
0.57743   -4.372030  -125.832463   -0.923573
-0.005469   -0.645402   -81.440604
0.71828   -4.372030  -125.832463   -0.923573
-0.005469   -0.258053   -50.897109
0.85914   -4.372030  -125.832463   -0.923573
-0.005469   -0.188134   -27.617711
1.00000   -4.372030  -125.832463   -0.923573
-0.005469   -0.713290   -13.631577
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3588

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43657    10.036090   79.407091     1.354819
 0.005105    1.514622  158.281562
0.57743    10.036090   79.407091     1.354819
 0.005105    0.950865  125.896145
0.71828    10.036090   79.407091     1.354819
 0.005105    0.387482   99.387482
0.85914    10.036090   79.407091     1.354819
 0.005105    0.133077   90.236977
1.00000    10.036090   79.407091     1.354819
 0.005105    0.494071   89.804864

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43657   -7.717565  -113.157500   -0.882694
```

```
-0.004036   -0.986800 -137.744115
0.57743   -7.717565  -113.157500     -0.882694
-0.004036   -0.616511   -92.230467
0.71828   -7.717565  -113.157500     -0.882694
-0.004036   -0.246311   -60.182217
0.85914   -7.717565  -113.157500     -0.882694
-0.004036   -0.195483   -33.189999
1.00000   -7.717565  -113.157500     -0.882694
-0.004036   -0.762946   -14.949359

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   9.339402   69.965335    1.282606
 0.004232   1.434524  134.232589
0.57743   9.339402   69.965335    1.282606
 0.004232   0.900280  106.200432
0.71828   9.339402   69.965335    1.282606
 0.004232   0.366350   83.850704
0.85914   9.339402   69.965335    1.282606
 0.004232   0.119240   75.500922
1.00000   9.339402   69.965335    1.282606
 0.004232   0.444969   78.489050

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -8.617321 -105.778795    -0.794706
-0.004050   -0.888270  -131.667909
0.57743  -8.617321 -105.778795    -0.794706
-0.004050   -0.554863   -53.372298
0.71828  -8.617321 -105.778795    -0.794706
-0.004050   -0.221546   -67.183365
0.85914  -8.617321 -105.778795    -0.794706
-0.004050   -0.183791   -45.170579
1.00000  -8.617321 -105.778795    -0.794706
-0.004050   -0.721118   -30.525923

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   4.639604   5.451178    0.313844
 0.000143   0.335578   5.234597
0.57743   4.639604   5.451178    0.313844
 0.000143   0.221940   5.009206
0.71828   4.639604   5.451178    0.313844
 0.000143   0.089672   4.349060
0.85914   4.639604   5.451178    0.313844
 0.000143   0.018637   7.260092
1.00000   4.639604   5.451178    0.313844
 0.000143   0.087144  14.330338

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -1.206722  -23.233339    -0.163346
-0.001257   -0.187053   -41.564921
0.57743  -1.206722  -23.233339    -0.163346
-0.001257   -0.118439   -35.164361
0.71828  -1.206722  -23.233339    -0.163346
-0.001257   -0.049997   -29.105321
0.85914  -1.206722  -23.233339    -0.163346
-0.001257   -0.039685   -26.339768
1.00000  -1.206722  -23.233339    -0.163346
-0.001257   -0.171633   -26.768540
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3589

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   5.801213   14.690027    0.655906
 0.000250   0.733861  15.389864
0.57743   5.801213   14.690027    0.655906
 0.000250   0.482749  10.426912
0.71828   5.801213   14.690027    0.655906
 0.000250   0.182243   7.000727
0.85914   5.801213   14.690027    0.655906
 0.000250   0.034941   9.388734
1.00000   5.801213   14.690027    0.655906
 0.000250   0.150152   20.599974

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -4.289264  -44.284265    -0.276286
-0.002138   -0.513422   -81.528788
0.57743  -4.289264  -44.284265    -0.276286
-0.002138   -0.197473   -68.289594
0.71828  -4.289264  -44.284265    -0.276286
-0.002138   -0.081585   -55.989222
0.85914  -4.289264  -44.284265    -0.276286
-0.002138   -0.088760   -48.132457
1.00000  -4.289264  -44.284265    -0.276286
-0.002138   -0.364927   -47.000869

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   5.853870   49.212578    1.032335
 0.000141   1.155055  106.871656
0.57743   5.853870   49.212578    1.032335
 0.000141   0.721659   88.297637
0.71828   5.853870   49.212578    1.032335
 0.000141   0.286968   70.703450
0.85914   5.853870   49.212578    1.032335
 0.000141   0.061736   57.399524
1.00000   5.853870   49.212578    1.032335
 0.000141   0.256608   53.627131

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -6.489842  -51.542733    -0.465913
-0.001818   -0.525053   -89.231805
0.57743  -6.489842  -51.542733    -0.465913
-0.001818   -0.329625   -73.014978
0.71828  -6.489842  -51.542733    -0.465913
-0.001818   -0.134020   -57.227425
0.85914  -6.489842  -51.542733    -0.465913
-0.001818   -0.139157   -44.980307
1.00000  -6.489842  -51.542733    -0.465913
-0.001818   -0.574091   -39.175349

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   9.801448   54.784573    1.471002
 0.003350   1.642631  118.870271
0.57743   9.801448   54.784573    1.471002
 0.003350   1.027714   98.771036
0.71828   9.801448   54.784573    1.471002
 0.003350   0.411646   84.604154
0.85914   9.801448   54.784573    1.471002
 0.003350   0.128140   86.276431
1.00000   9.801448   54.784573    1.471002
 0.003350   0.481295  105.737243

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -6.876178  -105.219963    -0.862861
-0.004042   -0.967819  -125.177923
0.57743  -6.876178  -105.219963    -0.862861
-0.004042   -0.606256   -86.453085
0.71828  -6.876178  -105.219963    -0.862861
-0.004042   -0.244631   -57.197444
0.85914  -6.876178  -105.219963    -0.862861
-0.004042   -0.209723   -37.934259
1.00000  -6.876178  -105.219963    -0.862861
-0.004042   -0.828107   -36.232694
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3590

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   0.870032   17.180465    0.418166
 7.53E-06   0.465247   28.092769
0.57743   0.870032   17.180465    0.418166
 7.53E-06   0.289728   21.711508
0.71828   0.870032   17.180465    0.418166
 7.53E-06   0.113549   15.703992
0.85914   0.870032   17.180465    0.418166
 7.53E-06   0.022018   10.749903
1.00000   0.870032   17.180465    0.418166
 7.53E-06   0.086758   10.157259

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -3.768797  -21.539103    -0.153512
-0.000692   -0.170730   -39.149187
0.57743  -3.768797  -21.539103    -0.153512
-0.000692   -0.106280   -31.624460
0.71828  -3.768797  -21.539103    -0.153512
-0.000692   -0.041651   -24.404774
0.85914  -3.768797  -21.539103    -0.153512
-0.000692   -0.059089   -17.685063
1.00000  -3.768797  -21.539103    -0.153512
-0.000692   -0.235371   -14.240243

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   4.897071   51.504008    0.985090
 0.004072   1.090366  125.685539
0.57743   4.897071   51.504008    0.985090
 0.004072   0.680755  106.653477
0.71828   4.897071   51.504008    0.985090
 0.004072   0.270473   94.983927
0.85914   4.897071   51.504008    0.985090
 0.004072   0.085745   98.102840
1.00000   4.897071   51.504008    0.985090
 0.004072   0.279657  105.638766

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -5.768260  -78.072363    -0.493177
-0.004395   -0.549919   -73.705331
0.57743  -5.768260  -78.072363    -0.493177
-0.004395   -0.343627   -43.918683
0.71828  -5.768260  -78.072363    -0.493177
-0.004395   -0.137066   -27.796334
0.85914  -5.768260  -78.072363    -0.493177
-0.004395   -0.154967   -18.190829
1.00000  -5.768260  -78.072363    -0.493177
-0.004395   -0.569220   -11.625251

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   7.050614   50.244173    1.159960
 0.003686   1.288128  116.589097
0.57743   7.050614   50.244173    1.159960
 0.003686   0.804833   98.459041
0.71828   7.050614   50.244173    1.159960
 0.003686   0.320287   86.944281
0.85914   7.050614   50.244173    1.159960
 0.003686   0.090963   89.774168
1.00000   7.050614   50.244173    1.159960
 0.003686   0.311430  103.453486

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -6.779427  -89.382266    -0.553524
-0.004931   -0.619755  -101.768630
0.57743  -6.779427  -89.382266    -0.553524
-0.004931   -0.388375   -69.501141
0.71828  -6.779427  -89.382266    -0.553524
-0.004931   -0.156854   -49.605178
0.85914  -6.779427  -89.382266    -0.553524
-0.004931   -0.175470   -36.515734
1.00000  -6.779427  -89.382266    -0.553524
-0.004931   -0.663523   -31.153335
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3591

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   9.004868   63.432758    1.699348
 0.003186   1.900491  127.496104
0.57743   9.004868   63.432758    1.699348
 0.003186   1.189410  103.399765
0.71828   9.004868   63.432758    1.699348
 0.003186   0.477263   83.528836
0.85914   9.004868   63.432758    1.699348
 0.003186   0.155216   74.364664
1.00000   9.004868   63.432758    1.699348
 0.003186   0.590753   89.178252

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -8.103461  -103.866545    -1.054774
-0.003301   -1.180595   -131.240863
0.57743  -8.103461  -103.866545    -1.054774
-0.003301   -0.738804   -92.514821
0.71828  -8.103461  -103.866545    -1.054774
-0.003301   -0.296897   -60.763822
0.85914  -8.103461  -103.866545    -1.054774
-0.003301   -0.238273   -34.585064
1.00000  -8.103461  -103.866545    -1.054774
-0.003301   -0.952881   -32.625205

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   4.653016   43.031320    1.212533
 0.001506   1.365370   55.236310
0.57743   4.653016   43.031320    1.212533
 0.001506   0.856607   37.407032
0.71828   4.653016   43.031320    1.212533
 0.001506   0.347584   19.859397
0.85914   4.653016   43.031320    1.212533
 0.001506   0.137740   5.201325
1.00000   4.653016   43.031320    1.212533
 0.001506   0.551119   3.573412

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -4.923358  -36.250682    -0.985128
-4.24E-06   -1.101677   -70.755200
0.57743  -4.923358  -36.250682    -0.985128
-4.24E-06   -0.688440   -55.705144
0.71828  -4.923358  -36.250682    -0.985128
-4.24E-06   -0.275487   -40.866922
0.85914  -4.923358  -36.250682    -0.985128
-4.24E-06   -0.158164   -28.711953
1.00000  -4.923358  -36.250682    -0.985128
-4.24E-06   -0.668128   -26.401142

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657  10.805384   65.070089    1.817993
 0.007449   2.030546  119.714965
0.57743  10.805384   65.070089    1.817993
 0.007449   1.273300   94.383712
0.71828  10.805384   65.070089    1.817993
 0.007449   0.515771   79.426637
0.85914  10.805384   65.070089    1.817993
 0.007449   0.220221   86.967908
1.00000  10.805384   65.070089    1.817993
 0.007449   0.795149  109.157239

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -6.365039  -118.520533    -1.413260
-0.005464   -1.579276  -120.757192
0.57743  -6.365039  -118.520533    -1.413260
-0.005464   -0.987225   -72.756378
0.71828  -6.365039  -118.520533    -1.413260
-0.005464   -0.395371   -44.017644
0.85914  -6.365039  -118.520533    -1.413260
-0.005464   -0.267004   -26.552732
1.00000  -6.365039  -118.520533    -1.413260
-0.005464   -1.030330   -23.658069
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3592

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   9.377244   81.990967    1.998699
 0.005654   2.233830  158.031650
0.57743   9.377244   81.990967    1.998699
 0.005654   1.399007  125.987224
0.71828   9.377244   81.990967    1.998699
 0.005654   0.563820  101.434794
0.85914   9.377244   81.990967    1.998699
 0.005654   0.220221   98.450358
1.00000   9.377244   81.990967    1.998699
 0.005654   0.788536  100.793873

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -8.768192  -111.499532    -1.403097
-0.004182   -1.567770   -128.568611
0.57743  -8.768192  -111.499532    -1.403097
-0.004182   -0.979554   -83.970168
0.71828  -8.768192  -111.499532    -1.403097
-0.004182   -0.391470   -53.318844
0.85914  -8.768192  -111.499532    -1.403097
-0.004182   -0.285315   -31.084534
1.00000  -8.768192  -111.499532    -1.403097
-0.004182   -1.125755   -22.885649

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   9.362315   73.136803    1.924843
 0.004697   2.151062  135.467310
0.57743   9.362315   73.136803    1.924843
 0.004697   1.346641  107.320509
0.71828   9.362315   73.136803    1.924843
 0.004697   0.541344   85.519158
0.85914   9.362315   73.136803    1.924843
 0.004697   0.189451   78.462041
1.00000   9.362315   73.136803    1.924843
 0.004697   0.706654   88.697093

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -9.381518  -109.229254    -1.258625
-0.004231   -1.406885   -140.202014
0.57743  -9.381518  -109.229254    -1.258625
-0.004231   -0.879283   -98.209206
0.71828  -9.381518  -109.229254    -1.258625
-0.004231   -0.351885   -67.853390
0.85914  -9.381518  -109.229254    -1.258625
-0.004231   -0.273939   -44.939014
1.00000  -9.381518  -109.229254    -1.258625
-0.004231   -1.083069   -37.284991

COMB DB ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   11.719714   79.407091    1.354819
 0.006982   1.615622  125.896562
0.57743   11.719714   79.407091    1.354819
 0.006982   0.950865  125.896145
0.71828   11.719714   79.407091    1.354819
 0.006982   0.387482   99.953249
0.85914   11.719714   79.407091    1.354819
 0.006982   0.143036   98.450358
1.00000   11.719714   79.407091    1.354819
 0.006982   0.516766  104.447360

COMB DB ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -8.617321  -125.832453    -0.923573
-0.005487   -1.032781   -137.744115
0.57743  -8.617321  -125.832463    -0.923573
-0.005487   -0.645402   -93.372298
0.71828  -8.617321  -125.832463    -0.923573
-0.005487   -0.258053   -67.183365
0.85914  -8.617321  -125.832463    -0.923573
-0.005487   -0.195483   -45.170579
1.00000  -8.617321  -125.832463    -0.923573
-0.005487   -0.762946   -44.193646
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3593

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   10.805384   81.990967    1.998699
 0.007449   2.233830  158.031650
0.57743   10.805384   81.990967    1.998699
 0.007449   1.399007  125.987224
0.71828   10.805384   81.990967    1.998699
 0.007449   0.563820  101.434794
0.85914   10.805384   81.990967    1.998699
 0.007449   0.220221   98.102840
1.00000   10.805384   81.990967    1.998699
 0.007449   0.795149  109.157239

COMB DL ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -9.381518  -118.520533    -1.413260
-0.005464   -1.579276  -140.202014
0.57743  -9.381518  -118.520533    -1.413260
-0.005464   -0.987225   -98.209206
0.71828  -9.381518  -118.520533    -1.413260
-0.005464   -0.395371   -67.853390
0.85914  -9.381518  -118.520533    -1.413260
-0.005464   -0.285315   -48.132457
1.00000  -9.381518  -118.520533    -1.413260
-0.005464   -1.125755   -47.000869

COMB CAR ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   11.719714   81.990967    1.998699
 0.007449   2.233830  158.281562
0.57743   11.719714   81.990967    1.998699
 0.007449   1.399007  125.987224
0.71828   11.719714   81.990967    1.998699
 0.007449   0.563820  101.434794
0.85914   11.719714   81.990967    1.998699
 0.007449   0.220221   98.450358
1.00000   11.719714   81.990967    1.998699
 0.007449   0.795149  109.157239

COMB CAR ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -9.381518  -125.832463    -1.413260
-0.005487   -1.579276  -140.202014
0.57743  -9.381518  -125.832463    -1.413260
-0.005487   -0.987225   -98.209206
0.71828  -9.381518  -125.832463    -1.413260
-0.005487   -0.395371   -67.853390
0.85914  -9.381518  -125.832463    -1.413260
-0.005487   -0.285315   -48.132457
1.00000  -9.381518  -125.832463    -1.413260
-0.005487   -1.125755   -47.000869

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43657   11.719714   81.990967    1.998699
 0.007449   2.233830  158.281562
0.57743   11.719714   81.990967    1.998699
 0.007449   1.399007  125.987224
0.71828   11.719714   81.990967    1.998699
 0.007449   0.563820  101.434794
0.85914   11.719714   81.990967    1.998699
 0.007449   0.220221   98.450358
1.00000   11.719714   81.990967    1.998699
 0.007449   0.795149  109.157239

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43657  -9.381518  -125.832463    -1.413260
-0.005487   -1.579276  -140.202014
0.57743  -9.381518  -125.832463    -1.413260
-0.005487   -0.987225   -98.209206
0.71828  -9.381518  -125.832463    -1.413260
-0.005487   -0.395371   -67.853390
0.85914  -9.381518  -125.832463    -1.413260
-0.005487   -0.285315   -48.132457
1.00000  -9.381518  -125.832463    -1.413260
-0.005487   -1.125755   -47.000869
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3594

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      341 ================== LENGTH =    2.976782

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   2.652043   2.565660    0.235606
6.56E-06   0.136813  10.665673
0.14082   2.652043   2.565660    0.235606
6.56E-06   0.038012  17.197782
0.28164   2.652043   2.565660    0.235606
6.56E-06   0.034884  23.990886
0.42247   2.652043   2.565660    0.235606
6.56E-06   0.098527  30.838491
0.56329   2.652043   2.565660    0.235606
6.56E-06   0.162393  37.710281

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -1.071996  -16.480925    -0.152416
-0.000728   -0.093239   -23.718260
0.14082  -1.071996  -16.480925    -0.152416
-0.000728   -0.029551   -24.460609
0.28164  -1.071996  -16.480925    -0.152416
-0.000728   -0.060712   -25.228512
0.42247  -1.071996  -16.480925    -0.152416
-0.000728   -0.159476   -26.017206
0.56329  -1.071996  -16.480925    -0.152416
-0.000728   -0.258232   -26.856263

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   3.491083   12.472913    0.413950
 0.000177   0.236357  16.370812
0.14082   3.491083   12.472913    0.413950
 0.000177   0.062834  27.101523
0.28164   3.491083   12.472913    0.413950
 0.000177   0.056263  38.289258
0.42247   3.491083   12.472913    0.413950
 0.000177   0.156221  50.501799
0.56329   3.491083   12.472913    0.413950
 0.000177   0.257159  63.234617

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -4.534689  -30.916706    -0.241073
-0.001511   -0.147782   -44.200605
0.14082  -4.534689  -30.916706    -0.241073
-0.001511   -0.047510   -46.183679
0.28164  -4.534689  -30.916706    -0.241073
-0.001511   -0.111281   -48.587327
0.42247  -4.534689  -30.916706    -0.241073
-0.001511   -0.284560   -51.370812
0.56329  -4.534689  -30.916706    -0.241073
-0.001511   -0.457855   -55.889268

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   3.723869   52.350080    0.660795
 5.90E-06   0.371795  42.929357
0.14082   3.723869   52.350080    0.660795
 5.90E-06   0.094734  44.932989
0.28164   3.723869   52.350080    0.660795
 5.90E-06   0.075350  53.821361
0.42247   3.723869   52.350080    0.660795
 5.90E-06   0.201783  64.311931
0.56329   3.723869   52.350080    0.660795
 5.90E-06   0.329423  75.365624

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -7.202187  -38.465573    -0.304907
-0.001720   -0.181969   -36.363702
0.14082  -7.202187  -38.465573    -0.304907
-0.001720   -0.054223   -35.590778
0.28164  -7.202187  -38.465573    -0.304907
-0.001720   -0.182270   -50.888168
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3595

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
0.42247  -7.202187  -38.465573    -0.304907
-0.001720   -0.459236   -71.000815
0.56329  -7.202187  -38.465573    -0.304907
-0.001720   -0.736199   -92.138281

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   6.680884   88.302608    1.022511
```

```
 0.003657    0.590720   102.424007
 0.14082     6.680884    88.302608     1.022511
 0.003657    0.162552   102.406044
 0.28164     6.680884    88.302608     1.022511
 0.003657    0.148997   107.946997
 0.42247     6.680884    88.302608     1.022511
 0.003657    0.385362   124.854246
 0.56329     6.680884    88.302608     1.022511
 0.003657    0.622276   148.901574

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.614326  -68.963771    -0.565338
-0.004596   -0.326690   -33.657028
 0.14082   -8.614326  -68.963771    -0.565338
-0.004596   -0.095900   -36.380571
 0.28164   -8.614326  -68.963471    -0.565338
-0.004596   -0.278256   -52.746609
 0.42247   -8.614326  -68.963771    -0.565338
-0.004596   -0.702221   -72.797318
 0.56329   -8.614326  -68.963771    -0.565338
-0.004596   -1.126252  -104.547858

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.765575   19.661411     0.228162
 8.88E-06    0.125365    9.364909
 0.14082    0.765575   19.661411     0.228162
 8.88E-06    0.129775   11.444732
 0.28164    0.765575   19.661411     0.228162
 8.88E-06    0.026357   14.891493
 0.42247    0.765575   19.661411     0.228162
 8.88E-06    0.066804   19.937509
 0.56329    0.765575   19.661411     0.228162
 8.88E-06    0.108139   26.628820

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.329881  -16.545794    -0.098508
-0.000692   -0.059719   -14.639738
 0.14082   -4.329881  -16.545794    -0.098508
-0.000692   -0.015739   -18.290277
 0.28164   -4.329881  -16.545794    -0.098508
-0.000692   -0.065993   -24.162339
 0.42247   -4.329881  -16.545794    -0.098508
-0.000692   -0.161617   -31.278267
 0.56329   -4.329881  -16.545794    -0.098508
-0.000692   -0.257249   -38.860543

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.133632  106.003556     0.641854
 0.004591    0.376099  104.711609
 0.14082    2.133632  106.003556     0.641854
 0.004591    0.107664   78.051856
 0.28164    2.133632  106.003556     0.641854
 0.004591    0.073972   58.664600
 0.42247    2.133632  106.003556     0.641854
 0.004591    0.186485   54.767219
 0.56329    2.133632  106.003556     0.641854
 0.004591    0.299747   60.624928

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.930357  -29.434821    -0.270153
-0.005369   -0.154175   -12.572152
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3596

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
 0.14082   -8.930357  -29.434821    -0.270153
-0.005369   -0.049483   -11.272841
 0.28164   -8.930357  -29.434821    -0.270153
-0.005369   -0.178090   -28.011703
 0.42247   -8.930357  -29.434821    -0.270153
-0.005369   -0.307744   -49.473805
 0.56329   -8.930357  -29.434821    -0.270153
-0.005369   -0.703515   -86.862932

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    3.422044   97.543131     0.760334
 0.004149    0.443610  100.649760
 0.14082    3.422044   97.543131     0.760334
 0.004149    0.125353   82.293155
 0.28164    3.422044   97.543131     0.760334
 0.004149    0.076577   70.397902
 0.42247    3.422044   97.543131     0.760334
 0.004149    0.235905   72.445861
 0.56329    3.422044   97.543131     0.760334
 0.004149    0.382631   83.291219

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.674953  -39.918563    -0.349985
-0.005430   -0.204332   -30.635169
 0.14082   -9.674953  -39.918563    -0.349985
-0.005430   -0.066079   -30.056270
 0.28164   -9.674953  -39.918563    -0.349985
-0.005430   -0.208357   -46.195276
 0.42247   -9.674953  -39.918563    -0.349985
-0.005430   -0.521293   -66.249348
 0.56329   -9.674953  -39.918563    -0.349985
-0.005430   -0.834348  -100.717966

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.105026   89.225368     1.187131
 0.003383    0.680064   86.798181
 0.14082    7.105026   89.225368     1.187131
 0.003383    0.182813   92.789192
 0.28164    7.105026   89.225368     1.187131
 0.003383    0.183271  104.330739
 0.42247    7.105026   89.225368     1.187131
 0.003383    0.469607  125.326029
 0.56329    7.105026   89.225368     1.187131
 0.003383    0.756393  152.198570

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.159604  -75.702968    -0.684107
-0.003836   -0.391455   -31.224961
 0.14082   -9.159604  -75.702968    -0.684107
-0.003836   -0.109908   -36.733514
 0.28164   -9.159604  -75.702968    -0.684107
-0.003836   -0.324820   -56.296658
 0.42247   -9.159604  -75.702968    -0.684107
-0.003836   -0.818585   -79.544644
 0.56329   -9.159604  -75.702968    -0.684107
-0.003836   -1.312491  -112.495784

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    5.370991   30.787095     0.923815
 0.001277    0.523470    2.902254
 0.14082    5.370991   30.787095     0.923815
 0.001277    0.136207    6.183614
 0.28164    5.370991   30.787095     0.923815
 0.001277    0.182052   22.750863
 0.42247    5.370991   30.787095     0.923815
 0.001277    0.458222   39.659260
 0.56329    5.370991   30.787095     0.923815
 0.001277    0.734393   56.648145

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3597

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -3.051776  -40.778235    -0.658813
-2.02E-05   -0.370312   -13.050044
 0.14082   -3.051776  -40.778235    -0.658813
-2.02E-05   -0.094180   -23.323210
 0.28164   -3.051776  -40.778235    -0.658813
-2.02E-05   -0.251072   -35.388614
 0.42247   -3.051776  -40.778235    -0.658813
-2.02E-05   -0.638321   -48.022940
 0.56329   -3.051776  -40.778235    -0.658813
-2.02E-05   -1.025571   -60.833803

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    8.037219  111.327274     1.374713
 0.006979    0.800893  102.337447
 0.14082    8.037219  111.327274     1.374713
 0.006979    0.225385   86.102403
 0.28164    8.037219  111.327274     1.374713
 0.006979    0.254763   83.420151
 0.42247    8.037219  111.327274     1.374713
 0.006979    0.641994   96.853640
 0.56329    8.037219  111.327274     1.374713
 0.006979    1.029250  121.716479

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -7.204480  -64.638401    -0.923807
-0.005449   -0.519775   -64.609760
 0.14082   -7.204480  -64.638401    -0.923807
-0.005449   -0.142743   -27.033815
 0.28164   -7.204480  -64.638401    -0.923807
-0.005449   -0.371225   -41.518602
 0.42247   -7.204480  -64.638401    -0.923807
-0.005449   -0.939690   -61.133397
 0.56329   -7.204480  -64.638401    -0.923807
-0.005449   -1.508309   -99.742641

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.512058  118.276793     1.451866
 0.005065    0.833583   90.019518
 0.14082    7.512058  118.276793     1.451866
 0.005065    0.225450   82.516938
 0.28164    7.512058  118.276793     1.451866
 0.005065    0.243445   85.309366
 0.42247    7.512058  118.276793     1.451866
 0.005065    0.611946  101.193975
 0.56329    7.512058  118.276793     1.451866
 0.005065    0.980474  125.228245

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.624788  -71.300618    -0.879098
-0.004351   -0.493530   -14.925096
 0.14082   -9.624788  -71.300618    -0.879098
-0.004351   -0.132695   -24.660018
 0.28164   -9.624788  -71.300618    -0.879098
-0.004351   -0.397169   -36.273818
 0.42247   -9.624788  -71.300618    -0.879098
-0.004351   -1.000334   -82.536668
 0.56329   -9.624788  -71.300618    -0.879098
-0.004351   -1.603697  -126.417100

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.248602  102.017000     1.359971
 0.004197    0.779206   78.672173
 0.14082    7.248602  102.017000     1.359971
 0.004197    0.209484   77.048415
 0.28164    7.248602  102.017000     1.359971
 0.004197    0.220158   84.270382
 0.42247    7.248602  102.017000     1.359971
 0.004197    0.560040  102.446365
 0.56329    7.248602  102.017000     1.359971
 0.004197    0.900470  127.412485
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3598

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -10.185721  -71.115092    -0.812077
-0.004118   -0.461796   -30.508372
 0.14082   -10.185721  -71.115092    -0.812077
-0.004118   -0.127472   -39.284924
 0.28164   -10.185721  -71.115092    -0.812077
-0.004118   -0.372170   -62.151405
 0.42247   -10.185721  -71.115092    -0.812077
-0.004118   -0.937749   -88.638916
 0.56329   -10.185721  -71.115092    -0.812077
-0.004118   -1.503497  -126.289808

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    4.597113    5.433190     0.337799
 3.81E-06    0.192834   14.341076
 0.14082    4.597113    5.433190     0.337799
 3.81E-06    0.051507   22.745614
 0.28164    4.597113    5.433190     0.337799
 3.81E-06    0.052337   31.432015
 0.42247    4.597113    5.433190     0.337799
 3.81E-06    0.142693   40.462316
 0.56329    4.597113    5.433190     0.337799
 3.81E-06    0.233360   49.692452

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -1.191308  -22.997769    -0.215999
-0.000751   -0.129159   -26.775782
 0.14082   -1.191308  -22.997769    -0.215999
-0.000751   -0.038812   -27.795399
 0.28164   -1.191308  -22.997769    -0.215999
-0.000751   -0.088795   -29.007743
 0.42247   -1.191308  -22.997769    -0.215999
-0.000751   -0.230996   -30.593592
 0.56329   -1.191308  -22.997769    -0.215999
-0.000751   -0.372682   -32.435110

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    5.669617   15.429737     0.643171
 0.000106    0.360862   20.621150
 0.14082    5.669617   15.429737     0.643171
 0.000106    0.091081   34.993892
 0.28164    5.669617   15.429737     0.643171
 0.000106    0.086604   50.616489
 0.42247    5.669617   15.429737     0.643171
 0.000106    0.232826   67.372417
 0.56329    5.669617   15.429737     0.643171
 0.000106    0.379599   84.642157

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.316398  -42.850597    -0.349687
-0.001546   -0.207163   -47.013013
 0.14082   -4.316398  -42.850597    -0.349687
-0.001546   -0.061296   -48.634245
 0.28164   -4.316398  -42.850597    -0.349687
-0.001546   -0.176139   -51.552428
 0.42247   -4.316398  -42.850597    -0.349687
-0.001546   -0.446944   -56.131955
 0.56329   -4.316398  -42.850597    -0.349687
-0.001546   -0.716849   -61.798700

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    5.801418   48.471789     1.005955
 7.81E-06    0.559189   53.641017
 0.14082    5.801418   48.471789     1.005955
 7.81E-06    0.135912   59.807790
 0.28164    5.801418   48.471789     1.005955
 7.81E-06    0.139192   73.660681
 0.42247    5.801418   48.471789     1.005955
 7.81E-06    0.362566   91.073066
 0.56329    5.801418   48.471789     1.005955
 7.81E-06    0.586463  109.496798
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3599

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -6.438269  -51.236721    -0.533513
-0.001706   -0.308663   -39.180825
 0.14082   -6.438269  -51.236721    -0.533513
-0.001706   -0.084594   -39.151709
 0.28164   -6.438269  -51.236721    -0.533513
-0.001706   -0.280145   -51.549982
 0.42247   -6.438269  -51.236721    -0.533513
-0.001706   -0.703437   -69.695237
 0.56329   -6.438269  -51.236721    -0.533513
-0.001706   -1.125624   -88.811738

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    8.060206   80.357621     1.487590
 0.002872    0.843508  105.768638
 0.14082    8.060206   80.357621     1.487590
 0.002872    0.211510   111.500186
 0.28164    8.060206   80.357621     1.487590
 0.002872    0.247914   123.870870
 0.42247    8.060206   80.357621     1.487590
 0.002872    0.634041   146.606335
 0.56329    8.060206   80.357621     1.487590
 0.002872    1.020727   175.623134

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.267184  -77.667009    -0.922256
-0.003996   -0.527869   -36.227244
 0.14082   -8.267184  -77.667009    -0.922256
-0.003996   -0.148224   -40.236559
 0.28164   -8.267184  -77.667009    -0.922256
-0.003996   -0.409761   -54.952350
 0.42247   -8.267184  -77.667009    -0.922256
-0.003996   -1.032369   -75.125583
 0.56329   -8.267184  -77.667009    -0.922256
-0.003996   -1.653732  -106.806770

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    0.848773   16.879329     0.373315
 5.23E-06    0.203183   10.164887
 0.14082    0.848773   16.879329     0.373315
 5.23E-06    0.046521   14.885266
 0.28164    0.848773   16.879329     0.373315
 5.23E-06    0.043585   21.627650
 0.42247    0.848773   16.879329     0.373315
 5.23E-06    0.111084   28.552951
 0.56329    0.848773   16.879329     0.373315
 5.23E-06    0.178528   38.169898

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -3.750795  -21.419878    -0.160912
-0.000713   -0.091151   -14.243787
 0.14082   -3.750795  -21.419878    -0.160912
-0.000713   -0.023568   -16.774658
 0.28164   -3.750795  -21.419878    -0.160912
-0.000713   -0.080330   -21.595515
 0.42247   -3.750795  -21.419878    -0.160912
-0.000713   -0.265141   -27.527766
 0.56329   -3.750795  -21.419878    -0.160912
-0.000713   -0.421941   -34.023126

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    2.249121   90.571457     0.944605
 0.003895    0.539441  105.686060
 0.14082    2.249121   90.571457     0.944605
 0.003895    0.142707   84.943393
 0.28164    2.249121   90.571457     0.944605
 0.003895    0.138884   72.804158
 0.42247    2.249121   90.571457     0.944605
 0.003895    0.349857   74.557331
 0.56329    2.249121   90.571457     0.944605
 0.003895    0.560925   85.277778
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3600

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -7.897541  -35.692064    -0.504284
-0.004892   -0.287196   -11.618811
 0.14082   -7.897541  -35.692064    -0.504284
-0.004892   -0.086672   -10.522921
 0.28164   -7.897541  -35.692064    -0.504284
-0.004892   -0.265382   -24.189402
 0.42247   -7.897541  -35.692064    -0.504284
-0.004892   -0.658234   -43.165443
 0.56329   -7.897541  -35.692064    -0.504284
-0.004892   -1.050472   -79.042950

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    4.624561   85.553539     1.126756
 0.003525    0.641647  103.502074
 0.14082    4.624561   85.553539     1.126756
 0.003525    0.168541   91.832725
 0.28164    4.624561   85.553539     1.126756
 0.003525    0.161378   88.357013
 0.42247    4.624561   85.553539     1.126756
 0.003525    0.414264   97.498615
 0.56329    4.624561   85.553539     1.126756
 0.003525    0.667408  114.819678

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -8.690128  -50.903663    -0.604413
-0.005026   -0.348572   -31.154246
 0.14082   -8.690128  -50.903663    -0.604413
-0.005026   -0.105176   -30.950216
 0.28164   -8.690128  -50.903663    -0.604413
-0.005026   -0.313726   -44.786116
 0.42247   -8.690128  -50.903663    -0.604413
-0.005026   -0.783467   -63.248582
 0.56329   -8.690128  -50.903663    -0.604413
-0.005026   -1.252618   -97.050548

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.579961   84.632878     1.726508
 0.002805    0.974745   89.200303
 0.14082    7.579961   84.632878     1.726508
 0.002805    0.248954   99.043914
 0.28164    7.579961   84.632878     1.726508
 0.002805    0.299052  116.243920
 0.42247    7.579961   84.632878     1.726508
 0.002805    0.759069  141.917019
 0.56329    7.579961   84.632878     1.726508
 0.002805    1.219548  172.789136

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.266482  -81.187190    -1.098748
-0.003377   -0.624389   -32.613408
 0.14082   -9.266482  -81.187190    -1.098748
-0.003377   -0.169234   -40.873042
 0.28164   -9.266482  -81.187190    -1.098748
-0.003377   -0.477245   -60.964926
 0.42247   -9.266482  -81.187190    -1.098748
-0.003377   -1.199905   -85.398395
 0.56329   -9.266482  -81.187190    -1.098748
-0.003377   -1.921980  -119.310634

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    4.695564   43.164057     1.305809
 0.001336    0.756588    3.566969
 0.14082    4.695564   43.164057     1.305809
 0.001336    0.187146    8.204549
 0.28164    4.695564   43.164057     1.305809
 0.001336    0.272574   22.533378
 0.42247    4.695564   43.164057     1.305809
 0.001336    0.685158   37.525814
 0.56329    4.695564   43.164057     1.305809
 0.001336    1.097939   52.687999
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3601

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -4.955589  -36.630041    -0.984723
-1.55E-05   -0.553291   -26.397201
 0.14082   -4.955589  -36.630041    -0.984723
-1.55E-05   -0.140167   -38.135915
 0.28164   -4.955589  -36.630041    -0.984723
-1.55E-05   -0.356523   -54.984393
 0.42247   -4.955589  -36.630041    -0.984723
-1.55E-05   -0.904489   -72.709133
 0.56329   -4.955589  -36.630041    -0.984723
-1.55E-05   -1.452124   -90.632022

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.114720  121.487157     1.934061
 0.006982    1.115159  109.206484
 0.14082    7.114720  121.487157     1.934061
 0.006982    0.303393   94.895220
 0.28164    7.114720  121.487157     1.934061
 0.006982    0.391773   87.501094
 0.42247    7.114720  121.487157     1.934061
 0.006982    0.985735   97.505071
 0.56329    7.114720  121.487157     1.934061
 0.006982    1.579842  119.554222

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000   -9.463075  -59.047928    -1.418104
-0.005695   -0.801730   -23.402761
 0.14082   -9.463075  -59.047928    -1.418104
-0.005695   -0.222837   -40.251086
 0.28164   -9.463075  -59.047928    -1.418104
-0.005695   -0.526612   -60.298340
 0.42247   -9.463075  -59.047928    -1.418104
-0.005695   -1.332364   -85.574971
 0.56329   -9.463075  -59.047928    -1.418104
-0.005695   -2.137468  -134.201923

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    6.724072  122.361360     2.069729
 0.005279    1.177125  100.828695
 0.14082    6.724072  122.361360     2.069729
 0.005279    0.307353   92.145010
 0.28164    6.724072  122.361360     2.069729
 0.005279    0.389619   94.710154
 0.42247    6.724072  122.361360     2.069729
 0.005279    0.970770  110.662762
 0.56329    6.724072  122.361360     2.069729
 0.005279    1.568131  135.598335

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -10.989833  -68.690778    -1.406251
-0.004634   -0.792621   -22.863180
 0.14082  -10.989833  -68.690778    -1.406251
-0.004634   -0.213780   -36.552482
 0.28164  -10.989833  -68.690778    -1.406251
-0.004634   -0.570272   -55.457422
 0.42247  -10.989833  -68.690778    -1.406251
-0.004634   -1.434862   -97.695113
 0.56329  -10.989833  -68.690778    -1.406251
-0.004634   -2.298675  -146.974332

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2          M3
 0.00000    7.143224  106.497378     1.968415
 0.004386    1.116452   88.734502
 0.14082    7.143224  106.497378     1.968415
 0.004386    0.289505   87.589122
 0.28164    7.143224  106.497378     1.968415
 0.004386    0.352976   96.238121
 0.42247    7.143224  106.497378     1.968415
 0.004386    0.892277  116.198060
 0.56329    7.143224  106.497378     1.968415
 0.004386    1.431950  143.696517
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3602

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2          M3
 0.00000  -11.211164  -73.620389    -1.287803
-0.004404   -0.729653   -37.270985
 0.14082  -11.211164  -73.620389    -1.287803
-0.004404   -0.198947   -49.144816
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0.28164   -11.211164   -73.620389   -1.287803
-0.004404   -0.543162   -74.188880
0.42247   -11.211164   -73.620389   -1.287803
-0.004404   -1.366170  -102.678138
0.56329   -11.211164   -73.620389   -1.287803
-0.004404   -2.188225  -145.489256

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.037219   118.276793    1.451866
 0.006979    0.833583   104.711609
0.14082    8.037219   118.276793    1.451866
 0.006979    0.225450   102.406044
0.28164    8.037219   118.276793    1.451866
 0.006979    0.254763   107.946997
0.42247    8.037219   118.276793    1.451866
 0.006979    0.641994   125.326029
0.56329    8.037219   118.276793    1.451866
 0.006979    1.029250   152.198570

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -10.185721   -75.702968   -0.923807
-0.005449   -0.519775   -44.200605
0.14082   -10.185721   -75.702968   -0.923807
-0.005449   -0.142743   -46.183679
0.28164   -10.185721   -75.702968   -0.923807
-0.005449   -0.397169   -62.151405
0.42247   -10.185721   -75.702968   -0.923807
-0.005449   -1.000334   -88.638916
0.56329   -10.185721   -75.702968   -0.923807
-0.005449   -1.603697  -126.417100

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.060206   122.361360    2.069729
 0.006982    1.177125   109.206484
0.14082    8.060206   122.361360    2.069729
 0.006982    0.307353   111.500186
0.28164    8.060206   122.361360    2.069729
 0.006982    0.391773   123.870870
0.42247    8.060206   122.361360    2.069729
 0.006982    0.476193   136.241554
0.56329    8.060206   122.361360    2.069729
 0.006982    0.560613   148.612238
0.70412    8.060206   122.361360    2.069729
 0.006982    0.645033   160.982922
0.84496    8.060206   122.361360    2.069729
 0.006982    0.729453   173.353606
0.98579    8.060206   122.361360    2.069729
 0.006982    0.813873   185.724290
1.12663    8.060206   122.361360    2.069729
 0.006982    0.898293   198.094974
1.26746    8.060206   122.361360    2.069729
 0.006982    0.982713   210.465658
1.40830    8.060206   122.361360    2.069729
 0.006982    1.067133   222.836342
1.54913    8.060206   122.361360    2.069729
 0.006982    1.151553   235.207026
1.69000    8.060206   122.361360    2.069729
 0.006982    1.235973   247.577710

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.211164   -81.187190   -1.418104
-0.005695   -0.801730   -47.013013
0.14082   -11.211164   -81.187190   -1.418104
-0.005695   -0.222837   -49.144816
0.28164   -11.211164   -81.187190   -1.418104
-0.005695   -0.570272   -74.188880
0.42247   -11.211164   -81.187190   -1.418104
-0.005695   -1.434862  -102.678138
0.56329   -11.211164   -81.187190   -1.418104
-0.005695   -2.298675  -146.974332

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.060206   122.361360    2.069729
 0.006982    1.177125   109.206484
0.14082    8.060206   122.361360    2.069729
 0.006982    0.307353   111.500186
0.28164    8.060206   122.361360    2.069729
 0.006982    0.391773   123.870870
0.42247    8.060206   122.361360    2.069729
 0.006982    0.476193   136.241554
0.56329    8.060206   122.361360    2.069729
 0.006982    0.560613   148.612238
0.70412    8.060206   122.361360    2.069729
 0.006982    0.645033   160.982922
0.84496    8.060206   122.361360    2.069729
 0.006982    0.729453   173.353606
0.98579    8.060206   122.361360    2.069729
 0.006982    0.813873   185.724290
1.12663    8.060206   122.361360    2.069729
 0.006982    0.898293   198.094974
1.26746    8.060206   122.361360    2.069729
 0.006982    0.982713   210.465658
1.40830    8.060206   122.361360    2.069729
 0.006982    1.067133   222.836342
1.54913    8.060206   122.361360    2.069729
 0.006982    1.151553   235.207026
1.69000    8.060206   122.361360    2.069729
 0.006982    1.235973   247.577710

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.211164   -81.187190   -1.418104
-0.005695   -0.801730   -47.013013
0.14082   -11.211164   -81.187190   -1.418104
-0.005695   -0.222837   -49.144816
0.28164   -11.211164   -81.187190   -1.418104
-0.005695   -0.570272   -74.188880
0.42247   -11.211164   -81.187190   -1.418104
-0.005695   -1.434862  -102.678138
0.56329   -11.211164   -81.187190   -1.418104
-0.005695   -2.298675  -146.974332

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.060206   122.361360    2.069729
 0.006982    1.177125   109.206484
0.14082    8.060206   122.361360    2.069729
 0.006982    0.307353   111.500186
0.28164    8.060206   122.361360    2.069729
 0.006982    0.391773   123.870870
0.42247    8.060206   122.361360    2.069729
 0.006982    0.985735   146.606335
0.56329    8.060206   122.361360    2.069729
 0.006982    1.579842   175.623134

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.211164   -81.187190   -1.418104
-0.005695   -0.801730   -47.013013
0.14082   -11.211164   -81.187190   -1.418104
-0.005695   -0.222837   -49.144816
0.28164   -11.211164   -81.187190   -1.418104
-0.005695   -0.570272   -74.188880
0.42247   -11.211164   -81.187190   -1.418104
-0.005695   -1.434862  -102.678138
0.56329   -11.211164   -81.187190   -1.418104
-0.005695   -2.298675  -146.974332

ELEM       342 ================== LENGTH
=     2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    2.535021    3.118311    0.120670
0.000536    0.135799    4.057774
0.57750    2.535021    3.118311    0.120670
0.000536    0.095182    3.008791
0.71833    2.535021    3.118311    0.120670
0.000536    0.034593    2.914183
0.85917    2.535021    3.118311    0.120670
0.000536    0.012697    3.649911
1.00000    2.535021    3.118311    0.120670
0.000536    0.045870    7.525338

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.813021  -19.576296   -0.085988
-0.000988   -0.098337   -25.844588
0.57750   -0.813021  -19.576296   -0.085988
-0.000988   -0.062285   -17.637701
0.71833   -0.813021  -19.576296   -0.085988
-0.000988   -0.026191   -11.365236
0.85917   -0.813021  -19.576296   -0.085988
-0.000988   -0.015902    -9.601311
1.00000   -0.813021  -19.576296   -0.085988
-0.000988   -0.066577    -8.524019

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    6.113621    4.840058    0.290374
0.000881    0.318117    6.306601
0.57750    6.113621    4.840058    0.290374
0.000881    0.196359    4.358490
0.71833    6.113621    4.840058    0.290374
0.000881    0.074769    2.577764
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3603

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.211164   -81.187190   -1.418104
-0.005695   -0.801730   -47.013013
0.14082   -11.211164   -81.187190   -1.418104
-0.005695   -0.222837   -49.144816
0.28164   -11.211164   -81.187190   -1.418104
-0.005695   -0.570272   -74.188880
0.42247   -11.211164   -81.187190   -1.418104
-0.005695   -1.434862  -102.678138
0.56329   -11.211164   -81.187190   -1.418104
-0.005695   -2.298675  -146.974332

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    8.060206   122.361360    2.069729
 0.006982    1.177125   109.206484
0.14082    8.060206   122.361360    2.069729
 0.006982    0.307353   111.500186
0.28164    8.060206   122.361360    2.069729
 0.006982    0.391773   123.870870
0.42247    8.060206   122.361360    2.069729
 0.006982    0.985735   146.606335
0.56329    8.060206   122.361360    2.069729
 0.006982    1.579842   175.623134

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -11.211164   -81.187190   -1.418104
-0.005695   -0.801730   -47.013013
0.14082   -11.211164   -81.187190   -1.418104
-0.005695   -0.222837   -49.144816
0.28164   -11.211164   -81.187190   -1.418104
-0.005695   -0.570272   -74.188880
0.42247   -11.211164   -81.187190   -1.418104
-0.005695   -1.434862  -102.678138
0.56329   -11.211164   -81.187190   -1.418104
-0.005695   -2.298675  -146.974332

ELEM       342 ================== LENGTH
=     2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    2.535021    3.118311    0.120670
0.000536    0.135799    4.057774
0.57750    2.535021    3.118311    0.120670
0.000536    0.095182    3.008791
0.71833    2.535021    3.118311    0.120670
0.000536    0.034593    2.914183
0.85917    2.535021    3.118311    0.120670
0.000536    0.012697    3.649911
1.00000    2.535021    3.118311    0.120670
0.000536    0.045870    7.525338

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.813021  -19.576296   -0.085988
-0.000988   -0.098337   -25.844588
0.57750   -0.813021  -19.576296   -0.085988
-0.000988   -0.062285   -17.637701
0.71833   -0.813021  -19.576296   -0.085988
-0.000988   -0.026191   -11.365236
0.85917   -0.813021  -19.576296   -0.085988
-0.000988   -0.015902    -9.601311
1.00000   -0.813021  -19.576296   -0.085988
-0.000988   -0.066577    -8.524019

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    6.113621    4.840058    0.290374
0.000881    0.318117    6.306601
0.57750    6.113621    4.840058    0.290374
0.000881    0.196359    4.358490
0.71833    6.113621    4.840058    0.290374
0.000881    0.074769    2.577764
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3604

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.85917    6.113621    4.840058    0.290374
0.000881    0.026005    3.384186
1.00000    6.113621    4.840058    0.290374
0.000881    0.086424   12.805224

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.514672   -41.535512   -0.145736
-0.001853   -0.163877   -68.554781
0.57750   -0.514672   -41.535512   -0.145736
-0.001853   -0.102752   -51.752816
0.71833   -0.514672   -41.535512   -0.145736
-0.001853   -0.041625   -37.703087
0.85917   -0.514672   -41.535512   -0.145736
-0.001853   -0.047539   -31.450305
1.00000   -0.514672   -41.535512   -0.145736
-0.001853   -0.169136   -25.866979

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    6.749653   19.861302    0.546672
 0.000648    0.595642   43.910775
0.57750    6.749653   19.861302    0.546672
 0.000648    0.366437   35.628250
0.71833    6.749653   19.861302    0.546672
 0.000648    0.137218   27.639741
0.85917    6.749653   19.861302    0.546672
 0.000648    0.053690   21.769464
1.00000    6.749653   19.861302    0.546672
 0.000648    0.182525   25.936860

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -1.619383   -53.595226   -0.307356
-0.001624   -0.339132   -83.472067
0.57750   -1.619383   -53.595226   -0.307356
-0.001624   -0.210235   -61.444678
0.71833   -1.619383   -53.595226   -0.307356
-0.001624   -0.081171   -41.456362
0.85917   -1.619383   -53.595226   -0.307356
-0.001624   -0.091812   -27.986885
1.00000   -1.619383   -53.595226   -0.307356
-0.001624   -0.321157   -17.244165

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    8.805330   28.558395    0.900504
 0.003780    0.980311   56.914235
0.57750    8.805330   28.558395    0.900504
 0.003780    0.602758   45.746737
0.71833    8.805330   28.558395    0.900504
 0.003780    0.225228   38.369419
0.85917    8.805330   28.558395    0.900504
 0.003780    0.114794   48.834063
1.00000    8.805330   28.558395    0.900504
 0.003780    0.383302   76.839975

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -3.237438  -109.140835   -0.645757
-0.003714   -0.704865  -122.321119
0.57750   -3.237438  -109.140835   -0.645757
-0.003714   -0.434095   -77.110573
0.71833   -3.237438  -109.140835   -0.645757
-0.003714   -0.163185   -41.485793
0.85917   -3.237438  -109.140835   -0.645757
-0.003714   -0.163009   -23.453683
1.00000   -3.237438  -109.140835   -0.645757
-0.003714   -0.535647   -16.717002

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    3.824941    2.494005    0.232642
0.000112    0.250112    3.848260
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3605

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.57750    3.824941    2.494005    0.232642
0.000112    0.152572    3.146038
0.71833    3.824941    2.494005    0.232642
0.000112    0.055027    2.555315
0.85917    3.824941    2.494005    0.232642
0.000112    0.018167    2.486181
1.00000    3.824941    2.494005    0.232642
0.000112    0.061506    6.072204

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.119960   -24.299866   -0.103184
-0.000719   -0.111525   -46.863210
0.57750   -0.119960   -24.299866   -0.103184
-0.000719   -0.068234   -37.230827
0.71833   -0.119960   -24.299866   -0.103184
-0.000719   -0.024916   -28.343272
0.85917   -0.119960   -24.299866   -0.103184
-0.000719   -0.042504   -22.060003
1.00000   -0.119960   -24.299866   -0.103184
-0.000719   -0.140052   -17.027862

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    7.215024   21.886279    0.626647
 0.003881    0.677477   51.455822
0.57750    7.215024   21.886279    0.626647
 0.003881    0.414754   43.147710
0.71833    7.215024   21.886279    0.626647
 0.003881    0.152055   39.697825
0.85917    7.215024   21.886279    0.626647
 0.003881    0.071132   56.482177
1.00000    7.215024   21.886279    0.626647
 0.003881    0.233015   78.228680

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -1.977047   -91.799464   -0.393090
-0.003580   -0.426252   -97.289170
0.57750   -1.977047   -91.799464   -0.393090
-0.003580   -0.261424   -59.551869
0.71833   -1.977047   -91.799464   -0.393090
-0.003580   -0.096498   -32.703691
0.85917   -1.977047   -91.799464   -0.393090
-0.003580   -0.125208   -19.320553
1.00000   -1.977047   -91.799464   -0.393090
-0.003580   -0.381170    -8.734723

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    8.924608   21.774799    0.674945
 0.003887    0.732815   48.632251
0.57750    8.924608   21.774799    0.674945
 0.003887    0.449839   40.321462
0.71833    8.924608   21.774799    0.674945
 0.003887    0.166806   36.470135
0.85917    8.924608   21.774799    0.674945
 0.003887    0.074746   50.895698
1.00000    8.924608   21.774799    0.674945
 0.003887    0.245355   75.272041

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -1.915492   -99.503464   -0.413190
-0.003997   -0.447533  -110.315702
0.57750   -1.915492   -99.503464   -0.413190
-0.003997   -0.274259   -69.237018
0.71833   -1.915492   -99.503464   -0.413190
-0.003997   -0.100822   -39.881067
0.85917   -1.915492   -99.503464   -0.413190
-0.003997   -0.129171   -26.778802
1.00000   -1.915492   -99.503464   -0.413190
-0.003997   -0.406096   -16.177547
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3606

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    8.306634   38.041709    1.097330
 0.003432    1.192722   70.144584
0.57750    8.306634   38.041709    1.097330
 0.003432    0.732648   54.844360
0.71833    8.306634   38.041709    1.097330
 0.003432    0.272665   42.748270
0.85917    8.306634   38.041709    1.097330
 0.003432    0.145775   44.315638
1.00000    8.306634   38.041709    1.097330
 0.003432    0.489940   64.963040

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -4.313498   -99.387498   -0.824950
-0.003188   -0.893529  -117.940930
0.57750   -4.313498   -99.387498   -0.824950
-0.003188   -0.547622   -76.765356
0.71833   -4.313498   -99.387498   -0.824950
-0.003188   -0.201570   -43.842363
0.85917   -4.313498   -99.387498   -0.824950
-0.003188   -0.196119   -22.953138
1.00000   -4.313498   -99.387498   -0.824950
-0.003188   -0.652167   -18.543791

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    1.033660   42.291098    0.892225
 0.001227    0.971314   60.518990
0.57750    1.033660   42.291098    0.892225
 0.001227    0.597230   42.861743
0.71833    1.033660   42.291098    0.892225
 0.001227    0.223146   25.645769
0.85917    1.033660   42.291098    0.892225
 0.001227    0.139373    8.026191
1.00000    1.033660   42.291098    0.892225
 0.001227    0.473743    2.263823

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -4.976626   -6.647260   -0.797460
-0.000487   -0.863664   -19.629182
0.57750   -4.976626   -6.647260   -0.797460
-0.000487   -0.523312   -16.972767
0.71833   -4.976626   -6.647260   -0.797460
-0.000487   -0.194961   -14.551445
0.85917   -4.976626   -6.647260   -0.797460
-0.000487   -0.151375   -12.296960
1.00000   -4.976626   -6.647260   -0.797460
-0.000487   -0.525309   -12.079075

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    5.173077   58.508185    1.314772
 0.006027    1.430097   99.802974
0.57750    5.173077   58.508185    1.314772
 0.006027    0.878977   76.359740
0.71833    5.173077   58.508185    1.314772
 0.006027    0.327900   58.329777
0.85917    5.173077   58.508185    1.314772
 0.006027    0.202911   65.112325
1.00000    5.173077   58.508185    1.314772
 0.006027    0.678446   82.414779

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -6.984499   -89.708539   -1.143027
-0.004170   -0.934809   -80.394202
0.57750   -6.984499   -89.708539   -1.143027
-0.004170   -0.759269   -43.163386
0.71833   -6.984499   -89.708539   -1.143027
-0.004170   -0.280027   -19.159516
0.85917   -6.984499   -89.708539   -1.143027
-0.004170   -0.241833   -10.855729
1.00000   -6.984499   -89.708539   -1.143027
-0.004170   -0.784409   -12.867226
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3607

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    6.495703   58.408662    1.403124
 0.004429    1.524135  100.699249
0.57750    6.495703   58.408662    1.403124
 0.004429    0.935964   77.144021
0.71833    6.495703   58.408662    1.403124
 0.004429    0.347848   57.812170
0.85917    6.495703   58.408662    1.403124
 0.004429    0.200302   56.143274
1.00000    6.495703   58.408662    1.403124
 0.004429    0.674141   66.930292

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -6.566210   -88.246580   -1.135911
-0.003290   -1.230886   -99.190242
0.57750   -6.566210   -88.246580   -1.135911
-0.003290   -0.754643   -62.623026
0.71833   -6.566210   -88.246580   -1.135911
-0.003290   -0.278319   -35.083580
0.85917   -6.566210   -88.246580   -1.135911
-0.003290   -0.253051   -18.353056
1.00000   -6.566210   -88.246580   -1.135911
-0.003290   -0.835541   -12.432049

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    7.970025   50.497000    1.290412
 0.003942    1.401718   86.754202
0.57750    7.970025   50.497000    1.290412
 0.003942    0.860784   66.257260
0.71833    7.970025   50.497000    1.290412
 0.003942    0.319897   49.278705
0.85917    7.970025   50.497000    1.290412
 0.003942    0.176622   46.973689
1.00000    7.970025   50.497000    1.290412
 0.003942    0.593799   58.717432

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -5.601050   -88.785272   -0.999791
-0.003374   -1.082897  -109.420487
0.57750   -5.601050   -88.785272   -0.999791
-0.003374   -0.663689   -72.834098
0.71833   -5.601050   -88.785272   -0.999791
-0.003374   -0.244359   -45.482631
0.85917   -5.601050   -88.785272   -0.999791
-0.003374   -0.231581   -29.695710
1.00000   -5.601050   -88.785272   -0.999791
-0.003374   -0.767798   -21.805034

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    4.373850    6.415219    0.210027
 0.000529    0.231911    8.974774
0.57750    4.373850    6.415219    0.210027
 0.000529    0.143832    6.778486
0.71833    4.373850    6.415219    0.210027
 0.000529    0.055220    4.723788
0.85917    4.373850    6.415219    0.210027
 0.000529    0.021700    3.255415
1.00000    4.373850    6.415219    0.210027
 0.000529    0.083135   10.842752

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.938414   -30.875411   -0.148250
-0.001056   -0.165778   -45.653273
0.57750   -0.938414   -30.875411   -0.148250
-0.001056   -0.103768   -32.827680
0.71833   -0.938414   -30.875411   -0.148250
-0.001056   -0.041572   -20.743403
0.85917   -0.938414   -30.875411   -0.148250
-0.001056   -0.030168   -10.928949
1.00000   -0.938414   -30.875411   -0.148250
-0.001056   -0.119522    -9.286085
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3608

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   10.415140    9.131712    0.518765
 0.000794    0.562200   11.984343
0.57750   10.415140    9.131712    0.518765
 0.000794    0.344359    8.325588
0.71833   10.415140    9.131712    0.518765
 0.000794    0.126062    5.056956
0.85917   10.415140    9.131712    0.518765
 0.000794    0.041138    3.204910
1.00000   10.415140    9.131712    0.518765
 0.000794    0.146289   16.494187

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -0.906106   -67.087558   -0.252651
-0.001929   -0.278579  -116.048334
0.57750   -0.906106   -67.087558   -0.252651
-0.001929   -0.172675   -88.185169
0.71833   -0.906106   -67.087558   -0.252651
-0.001929   -0.066718   -61.275825
0.85917   -0.906106   -67.087558   -0.252651
-0.001929   -0.037505   -37.451523
1.00000   -0.906106   -67.087558   -0.252651
-0.001929   -0.306746   -26.210431

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   11.106084   21.302598    0.928946
 0.000628    1.005713   42.972955
0.57750   11.106084   21.302598    0.928946
 0.000628    0.615782   34.574215
0.71833   11.106084   21.302598    0.928946
 0.000628    0.225900   27.784048
0.85917   11.106084   21.302598    0.928946
 0.000628    0.090170   23.338339
1.00000   11.106084   21.302598    0.928946
 0.000628    0.316179   36.221431

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -1.895981   -82.764534   -0.538979
-0.001705   -0.588935  -126.813104
0.57750   -1.895981   -82.764534   -0.538979
-0.001705   -0.362878   -92.718240
0.71833   -1.895981   -82.764534   -0.538979
-0.001705   -0.136786   -60.589900
0.85917   -1.895981   -82.764534   -0.538979
-0.001705   -0.158374   -32.335525
1.00000   -1.895981   -82.764534   -0.538979
-0.001705   -0.550169   -18.652035

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667   12.083062   34.824652    1.430283
 0.003289    1.548874   66.364776
0.57750   12.083062   34.824652    1.430283
 0.003289    0.948709   52.842356
0.71833   12.083062   34.824652    1.430283
 0.003289    0.348326   44.204046
0.85917   12.083062   34.824652    1.430283
 0.003289    0.180218   50.835992
1.00000   12.083062   34.824652    1.430283
 0.003289    0.607136   80.610223

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43667   -4.515176  -125.354030   -1.026202
-0.003146   -1.117932  -153.640985
0.57750   -4.515176  -125.354030   -1.026202
-0.003146   -0.684669  -102.055915
0.71833   -4.515176  -125.354030   -1.026202
-0.003146   -0.255173   -57.547975
0.85917   -4.515176  -125.354030   -1.026202
-0.003146   -0.253842    -7.109890
1.00000   -4.515176  -125.354030   -1.026202
-0.003146   -0.852497   -17.961378
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    3609

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43667    6.150659    3.523532    0.407723
```

```
8.61E-05    0.436894    4.740823
0.57750     6.150659    3.523532    0.407723
8.61E-05    0.265701    3.319590
0.71833     6.150659    3.523532    0.407723
8.61E-05    0.094100    1.973822
0.85917     6.150659    3.523532    0.407723
8.61E-05    0.031152    2.136655
1.00000     6.150659    3.523532    0.407723
8.61E-05    0.104494    7.747206

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -0.164256  -38.709457   -0.174526
-0.000667   -0.188234   -70.686938
0.57750   -0.164256  -38.709457   -0.174526
-0.000667   -0.114997   -54.688656
0.71833   -0.164256  -38.709457   -0.174526
-0.000667   -0.041599   -39.137488
0.85917   -0.164256  -38.709457   -0.174526
-0.000667   -0.074404   -25.411930
1.00000   -0.164256  -38.709457   -0.174526
-0.000667   -0.246216   -15.898294

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667    9.376962   19.600963    1.006720
 0.003532    1.082739    45.150383
0.57750    9.376962   19.600963    1.006720
 0.003532    0.960263    38.304690
0.71833    9.376962   19.600963    1.006720
 0.003532    0.238231    37.556315
0.85917    9.376962   19.600963    1.006720
 0.003532    0.118700    55.896945
1.00000    9.376962   19.600963    1.006720
 0.003532    0.383240    82.018048

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -2.115599  -104.365664   -0.642161
-0.002889   -0.593855   -115.495261
0.57750   -2.115599  -104.365664   -0.642161
-0.002889   -0.424578   -72.863434
0.71833   -2.115599  -104.365664   -0.642161
-0.002889   -0.156349   -39.472923
0.85917   -2.115599  -104.365664   -0.642161
-0.002889   -0.192933   -20.816239
1.00000   -2.115599  -104.365664   -0.642161
-0.002889   -0.611830   -8.453415

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   12.905015   21.773621    1.103903
 0.003559    1.189877    45.852222
0.57750   12.905015   21.773621    1.103903
 0.003559    0.726806    37.934988
0.71833   12.905015   21.773621    1.103903
 0.003559    0.263495    35.478637
0.85917   12.905015   21.773621    1.103903
 0.003559    0.121467    50.477023
1.00000   12.905015   21.773621    1.103903
 0.003559    0.398089    80.002333

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -2.184815  -122.223910   -0.669907
-0.003428   -0.725507   -148.523067
0.57750   -2.184815  -122.223910   -0.669907
-0.003428   -0.444664   -98.288756
0.71833   -2.184815  -122.223910   -0.669907
-0.003428   -0.164751   -57.136001
0.85917   -2.184815  -122.223910   -0.669907
-0.003428   -0.205917   -31.046289
1.00000   -2.184815  -122.223910   -0.669907
-0.003428   -0.666337   -16.168543
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3610

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   11.601043   49.488836    1.714321
 0.003089    1.002599    84.702599
0.57750   11.601043   49.488836    1.714321
 0.003089    1.136831    65.121412
0.71833   11.601043   49.488836    1.714321
 0.003089    0.417099    49.199436
0.85917   11.601043   49.488836    1.714321
 0.003089    0.222841    45.286110
1.00000   11.601043   49.488836    1.714321
 0.003089    0.749886    67.343477

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -6.264557  -115.913637   -1.263213
-0.002691   -1.368679   -147.252797
0.57750   -6.264557  -115.913637   -1.263213
-0.002691   -0.838994   -99.450402
0.71833   -6.264557  -115.913637   -1.263213
-0.002691   -0.310016   -57.694612
0.85917   -6.264557  -115.913637   -1.263213
-0.002691   -0.306828   -26.395206
1.00000   -6.264557  -115.913637   -1.263213
-0.002691   -1.020756   -20.364499

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667    1.374367   69.185895    1.316088
 0.001326    1.431043    93.049063
0.57750    1.374367   69.185895    1.316088
 0.001326    0.879061    64.230251
0.71833    1.374367   69.185895    1.316088
 0.001326    0.326617    35.595367
0.85917    1.374367   69.185895    1.316088
 0.001326    0.202795    8.314461
1.00000    1.374367   69.185895    1.316088
 0.001326    0.689228    3.437252

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -8.411760  -10.878389   -1.160414
-0.000463   -1.256809   -22.320559
0.57750   -8.411760  -10.878389   -1.160414
-0.000463   -0.770232   -17.926106
0.71833   -8.411760  -10.878389   -1.160414
-0.000463   -0.283644   -13.696087
0.85917   -8.411760  -10.878389   -1.160414
-0.000463   -0.222759   -10.655118
1.00000   -8.411760  -10.878389   -1.160414
-0.000463   -0.775138   -26.966082

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667    5.775233   84.765347    1.958846
 0.006419    2.123714   132.188320
0.57750    5.775233   84.765347    1.958846
 0.006419    1.302137    98.101232
0.71833    5.775233   84.765347    1.958846
 0.006419    0.481382    71.143756
0.85917    5.775233   84.765347    1.958846
 0.006419    0.306854    69.547042
1.00000    5.775233   84.765347    1.958846
 0.006419    1.013163    92.234887

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -10.840848   -96.538104   -1.702061
-0.003831   -1.841401   -84.726070
0.57750   -10.840848   -96.538104   -1.702061
-0.003831   -1.127833   -45.549538
0.71833   -10.840848   -96.538104   -1.702061
-0.003831   -0.416050   -17.803667
0.85917   -10.840848   -96.538104   -1.702061
-0.003831   -0.355417   -9.398249
1.00000   -10.840848   -96.538104   -1.702061
-0.003831   -1.170859   -24.888769
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3611

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667    8.296120   79.961785    2.130470
 0.004894    2.307441   124.430397
0.57750    8.296120   79.961785    2.130470
 0.004894    1.413830    92.125586
0.71833    8.296120   79.961785    2.130470
 0.004894    0.520220    65.740152
0.85917    8.296120   79.961785    2.130470
 0.004894    0.305948    60.024828
1.00000    8.296120   79.961785    2.130470
 0.004894    1.020743    79.625130

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -9.952012  -104.175144   -1.716161
-0.003120   -1.857394   -110.570099
0.57750   -9.952012  -104.175144   -1.716161
-0.003120   -1.137795   -67.910526
0.71833   -9.952012  -104.175144   -1.716161
-0.003120   -0.419417   -34.369331
0.85917   -9.952012  -104.175144   -1.716161
-0.003120   -0.380932   -16.587407
1.00000   -9.952012  -104.175144   -1.716161
-0.003120   -1.270986   -23.188483

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   11.593475   69.788379    1.989387
 0.004312    2.153021   108.003787
0.57750   11.593475   69.788379    1.989387
 0.004312    1.318516    79.760523
0.71833   11.593475   69.788379    1.989387
 0.004312    0.483886    56.497167
0.85917   11.593475   69.788379    1.989387
 0.004312    0.268666    50.254319
1.00000   11.593475   69.788379    1.989387
 0.004312    0.896621    70.310545

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -8.505441  -113.937283   -1.507638
-0.003269   -1.631875   -141.903548
0.57750   -8.505441  -113.937283   -1.507638
-0.003269   -0.999804   -95.034844
0.71833   -8.505441  -113.937283   -1.507638
-0.003269   -0.368632   -56.491797
0.85917   -8.505441  -113.937283   -1.507638
-0.003269   -0.355987   -31.479075
1.00000   -8.505441  -113.937283   -1.507638
-0.003269   -1.187499   -30.571235

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667    8.924608   58.508185    1.403124
 0.006027    1.524135   100.699249
0.57750    8.924608   58.508185    1.403124
 0.006027    0.935964    77.144021
0.71833    8.924608   58.508185    1.403124
 0.006027    0.347848    58.329777
0.85917    8.924608   58.508185    1.403124
 0.006027    0.202911   45.513525
1.00000    8.924608   58.508185    1.403124
 0.006027    0.678446    82.414779

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -6.984499  -109.140835   -1.143027
-0.004170   -1.238509   -122.321119
0.57750   -6.984499  -109.140835   -1.143027
-0.004170   -0.759269   -77.110573
0.71833   -6.984499  -109.140835   -1.143027
-0.004170   -0.280029   -45.426631
0.85917   -6.984499  -109.140835   -1.143027
-0.004170   -0.253051   -31.450305
1.00000   -6.984499  -109.140835   -1.143027
-0.004170   -0.835541   -25.866979
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3612

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   12.905015   84.765347    2.130470
 0.006419    2.307441   132.188320
0.57750   12.905015   84.765347    2.130470
 0.006419    1.413830    98.101232
0.71833   12.905015   84.765347    2.130470
 0.006419    0.520220    71.143756
0.85917   12.905015   84.765347    2.130470
 0.006419    0.306854    69.547042
1.00000   12.905015   84.765347    2.130470
 0.006419    1.020743    92.234887

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -10.840848   -125.354030   -1.716161
-0.003831   -1.857394   -153.603985
0.57750   -10.840848   -125.354030   -1.716161
-0.003831   -1.137795   -102.055915
0.71833   -10.840848   -125.354030   -1.716161
-0.003831   -0.419417   -61.275825
0.85917   -10.840848   -125.354030   -1.716161
-0.003831   -0.380932   -37.431923
1.00000   -10.840848   -125.354030   -1.716161
-0.003831   -1.270986   -30.571235

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   12.905015   84.765347    2.130470
 0.006419    2.307441   132.188320
0.57750   12.905015   84.765347    2.130470
 0.006419    1.413830    98.101232
0.71833   12.905015   84.765347    2.130470
 0.006419    0.520220    71.143756
0.85917   12.905015   84.765347    2.130470
 0.006419    0.306854    69.547042
1.00000   12.905015   84.765347    2.130470
 0.006419    1.020743    92.234887

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -10.840848   -125.354030   -1.716161
-0.004170   -1.857394   -153.603985
0.57750   -10.840848   -125.354030   -1.716161
-0.004170   -1.137795   -102.055915
0.71833   -10.840848   -125.354030   -1.716161
-0.004170   -0.419417   -61.275825
0.85917   -10.840848   -125.354030   -1.716161
-0.004170   -0.380932   -37.431923
1.00000   -10.840848   -125.354030   -1.716161
-0.004170   -1.270986   -30.571235

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.43667   12.905015   84.765347    2.130470
 0.006419    2.307441   132.188320
0.57750   12.905015   84.765347    2.130470
 0.006419    1.413830    98.101232
0.71833   12.905015   84.765347    2.130470
 0.006419    0.520220    71.143756
0.85917   12.905015   84.765347    2.130470
 0.006419    0.306854    69.547042
1.00000   12.905015   84.765347    2.130470
 0.006419    1.020743    92.234887

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.43667   -10.840848   -125.354030   -1.716161
-0.004170   -1.857394   -153.603985
0.57750   -10.840848   -125.354030   -1.716161
-0.004170   -1.137795   -102.055915
0.71833   -10.840848   -125.354030   -1.716161
-0.004170   -0.419417   -61.275825
0.85917   -10.840848   -125.354030   -1.716161
-0.004170   -0.380932   -37.431923
1.00000   -10.840848   -125.354030   -1.716161
-0.004170   -1.270986   -30.571235
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3613

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      343 ================== LENGTH
=     2.978057

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    2.543331    3.163813    0.183338
0.000348    0.117585    7.531652
0.14087    2.543331    3.163813    0.183338
0.000348    0.040663   15.594091
0.28174    2.543331    3.163813    0.183338
0.000348    0.027462   23.731483
0.42261    2.543331    3.163813    0.183338
0.000348    0.086808   31.897600
0.56347    2.543331    3.163813    0.183338
0.000348    0.146266   40.078086

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.819567  -19.522705   -0.141690
-0.000661   -0.091480   -8.524435
0.14087   -0.819567  -19.522705   -0.141690
-0.000661   -0.032038   -7.732680
0.28174   -0.819567  -19.522705   -0.141690
-0.000661   -0.036186   -7.261702
0.42261   -0.819567  -19.522705   -0.141690
-0.000661   -0.113139   -7.015165
0.56347   -0.819567  -19.522705   -0.141690
-0.000661   -0.190058   -6.964078

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.023107    6.290229    0.322729
0.000612    0.199329   12.824661
0.14087    6.023107    6.290229    0.322729
0.000612    0.064134   26.997839
0.28174    6.023107    6.290229    0.322729
0.000612    0.044612   42.264483
0.42261    6.023107    6.290229    0.322729
0.000612    0.102731   58.353974
0.56347    6.023107    6.290229    0.322729
0.000612    0.242344   74.789709

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.620353  -39.639866   -0.238418
-0.001341   -0.157865   -25.865718
0.14087   -0.620353  -39.639866   -0.238418
-0.001341   -0.057845   -20.946061
0.28174   -0.620353  -39.639866   -0.238418
-0.001341   -0.057231   -16.876475
0.42261   -0.620353  -39.639866   -0.238418
-0.001341   -0.207383   -13.909427
0.56347   -0.620353  -39.639866   -0.238418
-0.001341   -0.342802   -12.615654

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.734612   19.618363    0.575328
 0.000435    0.348091    25.952404
0.14087    6.734612   19.618363    0.575328
 0.000435    0.106746    39.981435
0.28174    6.734612   19.618363    0.575328
 0.000435    0.086044    55.995630
0.42261    6.734612   19.618363    0.575328
 0.000435    0.254180    78.107514
0.56347    6.734612   19.618363    0.575328
 0.000435    0.423051   100.387713

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.610683  -53.447721   -0.402549
-0.001577   -0.252494   -17.241981
0.14087   -1.610683  -53.447721   -0.402549
-0.001577   -0.083549   -14.851382
0.28174   -1.610683  -53.447721   -0.402549
-0.001577   -0.134541   -16.562425
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3614

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.42261   -1.610683  -53.447721   -0.402549
-0.001577   -0.375987   -20.696149
0.56347   -1.610683  -53.447721   -0.402549
-0.001577   -0.617373   -25.730622

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.962608   57.171948    0.959614
 0.002816    0.589280    76.977842
0.14087    6.962608   57.171948    0.959614
 0.002816    0.189172    85.877480
0.28174    6.962608   57.171948    0.959614
 0.002816    0.166336    96.423768
0.42261    6.962608   57.171948    0.959614
 0.002816    0.471797   123.300859
0.56347    6.962608   57.171948    0.959614
 0.002816    0.777877   154.494467

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -5.062769   -75.228120   -0.729613
-0.004170   -0.446486   -16.707766
0.14087   -5.062769   -75.228120   -0.729613
-0.004170   -0.140338   -18.715852
0.28174   -5.062769   -75.228120   -0.729613
-0.004170   -0.225923   -24.262975
0.42261   -5.062769   -75.228120   -0.729613
-0.004170   -0.628551   -32.882852
0.56347   -5.062769   -75.228120   -0.729613
-0.004170   -1.031146   -51.867651

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    3.814099    2.464924    0.197438
8.57E-05    0.114670    6.079442
0.14087    3.814099    2.464924    0.197438
8.57E-05    0.031951   12.162280
0.28174    3.814099    2.464924    0.197438
8.57E-05    0.026176   20.819782
0.42261    3.814099    2.464924    0.197438
8.57E-05    0.075982   30.585032
0.56347    3.814099    2.464924    0.197438
8.57E-05    0.126918   40.497394

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.131971  -24.092046   -0.121292
-0.000614   -0.076610   -17.025922
0.14087   -0.131971  -24.092046   -0.121292
-0.000614   -0.025757   -12.832219
0.28174   -0.131971  -24.092046   -0.121292
-0.000614   -0.051040   -10.313987
0.42261   -0.131971  -24.092046   -0.121292
-0.000614   -0.133868   -8.680688
0.56347   -0.131971  -24.092046   -0.121292
-0.000614   -0.216703   -7.715149

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    4.610015   61.077034    0.600865
 0.003085    0.369538    78.412489
0.14087    4.610015   61.077034    0.600865
 0.003085    0.120922    66.523107
0.28174    4.610015   61.077034    0.600865
 0.003085    0.098562    56.938863
0.42261    4.610015   61.077034    0.600865
 0.003085    0.275554    69.272035
0.56347    4.610015   61.077034    0.600865
 0.003085    0.453439    87.606806

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -4.383114  -44.905741   -0.424022
-0.004736   -0.258096   -8.729820
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3615

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.14087   -4.383114  -44.905741   -0.424022
-0.004736   -0.080152   -7.524276
0.28174   -4.383114  -44.905741   -0.424022
-0.004736   -0.148492   -10.679521
0.42261   -4.383114  -44.905741   -0.424022
-0.004736   -0.400574   -17.678549
0.56347   -4.383114  -44.905741   -0.424022
-0.004736   -0.652652   -38.739052

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.577778   57.195258    0.679738
 0.003042    0.419774    75.444244
0.14087    6.577778   57.195258    0.679738
 0.003042    0.137689    71.591016
0.28174    6.577778   57.195258    0.679738
 0.003042    0.106678    69.814596
0.42261    6.577778   57.195258    0.679738
 0.003042    0.309297    87.974804
0.56347    6.577778   57.195258    0.679738
 0.003042    0.512528   111.467154

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -4.094759  -57.101427   -0.484439
-0.004797   -0.300391   -16.173276
0.14087   -4.094759  -57.101427   -0.484439
-0.004797   -0.097092   -14.153497
0.28174   -4.094759  -57.101427   -0.484439
-0.004797   -0.163034   -16.037411
0.42261   -4.094759  -57.101427   -0.484439
-0.004797   -0.448259   -21.229905
0.56347   -4.094759  -57.101427   -0.484439
-0.004797   -0.733423   -39.409875

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.847226   61.245205    1.149762
 0.002609    0.699201    65.071196
0.14087    6.847226   61.245205    1.149762
 0.002609    0.218696    75.013636
0.28174    6.847226   61.245205    1.149762
 0.002609    0.205251    87.081836
0.42261    6.847226   61.245205    1.149762
 0.002609    0.577613   113.410584
0.56347    6.847226   61.245205    1.149762
 0.002609    0.950480   143.263794

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -5.847714  -71.936891   -0.888805
-0.003609   -0.540987   -18.530211
0.14087   -5.847714  -71.936891   -0.888805
-0.003609   -0.168046   -24.789994
0.28174   -5.847714  -71.936891   -0.888805
-0.003609   -0.273847   -34.627546
0.42261   -5.847714  -71.936891   -0.888805
-0.003609   -0.756245   -47.171154
0.56347   -5.847714  -71.936891   -0.888805
-0.003609   -1.238590   -68.469650

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    1.139430   42.400346    0.969187
 0.001129    0.583346    2.260025
0.14087    1.139430   42.400346    0.969187
 0.001129    0.176794    3.272277
0.28174    1.139430   42.400346    0.969187
 0.001129    0.193208    4.536053
0.42261    1.139430   42.400346    0.969187
 0.001129    0.531807    5.879527
0.56347    1.139430   42.400346    0.969187
 0.001129    0.870406    7.342591
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   3616

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN
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REL DIST P V2 V3
T M2 M3
0.00000 -5.149271 -6.820578 -0.807124
-0.000413 -0.483992 -12.063898
0.14087 -5.149271 -6.820578 -0.807124
-0.000413 -0.145386 -29.090364
0.28174 -5.149271 -6.820578 -0.807124
-0.000413 -0.229849 -46.434337
0.42261 -5.149271 -6.820578 -0.807124
-0.000413 -0.636437 -64.015086
0.56347 -5.149271 -6.820578 -0.807124
-0.000413 -1.043025 -81.689163

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.146686 106.435080 1.414059
0.004859 0.867185 82.621698
0.14087 2.146686 106.435080 1.414059
0.004859 0.278104 62.355026
0.28174 2.146686 106.435080 1.414059
0.004859 0.277935 47.887457
0.42261 2.146686 106.435080 1.414059
0.004859 0.765019 53.014388
0.56347 2.146686 106.435080 1.414059
0.004859 1.252138 66.444128

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.122572 -33.174485 -1.161148
-0.005202 -0.696338 -12.846304
0.14087 -10.122572 -33.174485 -1.161148
-0.005202 -0.209205 -31.217639
0.28174 -10.122572 -33.174485 -1.161148
-0.005202 -0.336144 -50.558298
0.42261 -10.122572 -33.174485 -1.161148
-0.005202 -0.929358 -71.943376
0.56347 -10.122572 -33.174485 -1.161148
-0.005202 -1.522577 -113.992977

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.439106 91.214722 1.476308
0.003599 0.896360 67.078510
0.14087 4.439106 91.214722 1.476308
0.003599 0.279860 59.375471
0.28174 4.439106 91.214722 1.476308
0.003599 0.278359 55.859771
0.42261 4.439106 91.214722 1.476308
0.003599 0.766625 71.296055
0.56347 4.439106 91.214722 1.476308
0.003599 1.254890 91.617871

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.750636 -49.458255 -1.163881
-0.004233 -0.698168 -12.412489
0.14087 -8.750636 -49.458255 -1.163881
-0.004233 -0.209817 -30.259185
0.28174 -8.750636 -49.458255 -1.163881
-0.004233 -0.353880 -50.221117
0.42261 -8.750636 -49.458255 -1.163881
-0.004233 -0.973225 -74.053800
0.56347 -8.750636 -49.458255 -1.163881
-0.004233 -1.592577 -109.299075

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.269956 77.617738 1.342474
0.003177 0.814286 58.845050
0.14087 6.269956 77.617738 1.342474
0.003177 0.253517 58.454771
0.28174 6.269956 77.617738 1.342474
0.003177 0.245428 61.861051
0.42261 6.269956 77.617738 1.342474
0.003177 0.686234 81.107479
0.56347 6.269956 77.617738 1.342474
0.003177 1.127053 104.454969
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3617

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.412126 -56.641037 -1.052211
-0.003957 -0.638019 -21.787923
0.14087 -7.412126 -56.641037 -1.052211
-0.003957 -0.196532 -33.382089
0.28174 -7.412126 -56.641037 -1.052211
-0.003957 -0.242172 -48.562173
0.42261 -7.412126 -56.641037 -1.052211
-0.003957 -0.884936 -66.580238
0.56347 -7.412126 -56.641037 -1.052211
-0.003957 -1.448128 -94.789399

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.368495 6.389076 0.281139
0.000315 0.176471 10.852557
0.14087 4.368495 6.389076 0.281139
0.000315 0.058415 22.586889
0.28174 4.368495 6.389076 0.281139
0.000315 0.042030 34.902836
0.42261 4.368495 6.389076 0.281139
0.000315 0.127404 47.451987
0.56347 4.368495 6.389076 0.281139
0.000315 0.212450 60.129335

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.931132 -30.871868 -0.203228
-0.000681 -0.128631 -9.291270
0.14087 -0.931132 -30.871868 -0.203228
-0.000681 -0.043493 -11.058374
0.28174 -0.931132 -30.871868 -0.203228
-0.000681 -0.058003 -11.486782
0.42261 -0.931132 -30.871868 -0.203228
-0.000681 -0.176442 -13.205344
0.56347 -0.931132 -30.871868 -0.203228
-0.000681 -0.294554 -15.145194

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.326410 10.002263 0.529114
0.000503 0.320924 16.515993
0.14087 10.326410 10.002263 0.529114
0.000503 0.098561 38.902094
0.28174 10.326410 10.002263 0.529114
0.000503 0.072144 63.370352
0.42261 10.326410 10.002263 0.529114
0.000503 0.045517 88.859586
0.56347 10.326410 10.002263 0.529114
0.000503 0.368578 115.255481

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.956776 -65.665918 -0.353372
-0.001307 -0.224767 -26.215417
0.14087 -0.956776 -65.665918 -0.353372
-0.001307 -0.076312 -22.784606
0.28174 -0.956776 -65.665918 -0.353372
-0.001307 -0.121401 -21.714799
0.42261 -0.956776 -65.665918 -0.353372
-0.001307 -0.344335 -22.545433
0.56347 -0.956776 -65.665918 -0.353372
-0.001307 -0.566655 -24.575405

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.064012 20.939149 0.928369
0.000390 0.555756 36.252093
0.14087 11.064012 20.939149 0.928369
0.000390 0.164974 62.770874
0.28174 11.064012 20.939149 0.928369
0.000390 0.143892 92.369928
0.42261 11.064012 20.939149 0.928369
0.000390 0.414366 125.081333
0.56347 11.064012 20.939149 0.928369
0.000390 0.684760 158.656424
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3618

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.861654 -82.381723 -0.644549
-0.001512 -0.397121 -18.657378
0.14087 -1.861654 -82.381723 -0.644549
-0.001512 -0.125319 -17.226934
0.28174 -1.861654 -82.381723 -0.644549
-0.001512 -0.219808 -21.472397
0.42261 -1.861654 -82.381723 -0.644549
-0.001512 -0.610626 -27.505611
0.56347 -1.861654 -82.381723 -0.644549
-0.001512 -1.000539 -34.194083

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.602448 58.174531 1.473251
0.002093 0.892635 80.655423
0.14087 10.602448 58.174531 1.473251
0.002093 0.274963 101.984196
0.28174 10.602448 58.174531 1.473251
0.002093 0.259990 126.366326
0.42261 10.602448 58.174531 1.473251
0.002093 0.729276 160.930465
0.56347 10.602448 58.174531 1.473251
0.002093 1.199085 200.871001

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.051148 -98.661379 -1.120151
-0.003544 -0.680971 -17.955108
0.14087 -6.051148 -98.661379 -1.120151
-0.003544 -0.211955 -22.275119
0.28174 -6.051148 -98.661379 -1.120151
-0.003544 -0.347861 -31.742278
0.42261 -6.051148 -98.661379 -1.120151
-0.003544 -0.966796 -44.342281
0.56347 -6.051148 -98.661379 -1.120151
-0.003544 -1.585151 -66.364994

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.126798 3.436908 0.337002
6.61E-05 0.195042 7.761805
0.14087 6.126798 3.436908 0.337002
6.61E-05 0.053468 19.533374
0.28174 6.126798 3.436908 0.337002
6.61E-05 0.044426 33.611767
0.42261 6.126798 3.436908 0.337002
6.61E-05 0.133856 48.389037
0.56347 6.126798 3.436908 0.337002
6.61E-05 0.221451 63.679002

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.169137 -38.273072 -0.208490
-0.000593 -0.128319 -15.899922
0.14087 -0.169137 -38.273072 -0.208490
-0.000593 -0.041868 -11.917912
0.28174 -0.169137 -38.273072 -0.208490
-0.000593 -0.086265 -9.857313
0.42261 -0.169137 -38.273072 -0.208490
-0.000593 -0.228165 -9.371358
0.56347 -0.169137 -38.273072 -0.208490
-0.000593 -0.369761 -9.507938

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.058444 55.167293 0.949239
0.002354 0.574474 82.073344
0.14087 7.058444 55.167293 0.949239
0.002354 0.177929 82.301972
0.28174 7.058444 55.167293 0.949239
0.002354 0.161414 85.047212
0.42261 7.058444 55.167293 0.949239
0.002354 0.448431 102.350832
0.56347 7.058444 55.167293 0.949239
0.002354 0.736452 127.308397
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3619

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.404868 -63.072835 -0.686549
-0.004221 -0.415837 -8.449248
0.14087 -4.404868 -63.072835 -0.686549
-0.004221 -0.129679 -7.172936
0.28174 -4.404868 -63.072835 -0.686549
-0.004221 -0.231508 -10.445977
0.42261 -4.404868 -63.072835 -0.686549
-0.004221 -0.629841 -17.811990
0.56347 -4.404868 -63.072835 -0.686549
-0.004221 -1.028163 -39.161885

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.794567 53.946167 1.072518
0.002356 0.650838 80.061654
0.14087 10.794567 53.946167 1.072518
0.002356 0.202215 90.782153
0.28174 10.794567 53.946167 1.072518
0.002356 0.173193 104.194055
0.42261 10.794567 53.946167 1.072518
0.002356 0.491533 130.931640
0.56347 10.794567 53.946167 1.072518
0.002356 0.810398 164.617292

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.249488 -84.750011 -0.760478
-0.004342 -0.465929 -16.168763
0.14087 -4.249488 -84.750011 -0.760478
-0.004342 -0.148386 -15.206355
0.28174 -4.249488 -84.750011 -0.760478
-0.004342 -0.256696 -18.737456
0.42261 -4.249488 -84.750011 -0.760478
-0.004342 -0.707319 -25.608360
0.56347 -4.249488 -84.750011 -0.760478
-0.004342 -1.157336 -45.422076

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.395949 68.927175 1.746038
0.002051 1.051283 67.379756
0.14087 10.395949 68.927175 1.746038
0.002051 0.318571 89.428604
0.28174 10.395949 68.927175 1.746038
0.002051 0.316158 114.109345
0.42261 10.395949 68.927175 1.746038
0.002051 0.881737 147.654950
0.56347 10.395949 68.927175 1.746038
0.002051 1.448051 185.561321

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.574056 -93.737523 -1.349498
-0.003103 -0.810594 -20.347129
0.14087 -7.574056 -93.737523 -1.349498
-0.003103 -0.251419 -32.211324
0.28174 -7.574056 -93.737523 -1.349498
-0.003103 -0.416393 -48.435887
0.42261 -7.574056 -93.737523 -1.349498
-0.003103 -1.150020 -67.110614
0.56347 -7.574056 -93.737523 -1.349498
-0.003103 -1.882799 -93.747672

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.460605 69.485604 1.407211
0.001197 0.844836 3.429128
0.14087 1.460605 69.485604 1.407211
0.001197 0.253898 5.883140
0.28174 1.460605 69.485604 1.407211
0.001197 0.282463 8.467637
0.42261 1.460605 69.485604 1.407211
0.001197 0.776983 11.470943
0.56347 1.460605 69.485604 1.407211
0.001197 1.271751 15.638790
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3620

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.519992 -11.121128 -1.179075
-0.000373 -0.706949 -26.937776
0.14087 -8.519992 -11.121128 -1.179075
-0.000373 -0.212180 -54.863557
0.28174 -8.519992 -11.121128 -1.179075
-0.000373 -0.334052 -82.936976
0.42261 -8.519992 -11.121128 -1.179075
-0.000373 -0.925131 -111.601440
0.56347 -8.519992 -11.121128 -1.179075
-0.000373 -1.515557 -140.565584

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.637182 135.839675 2.077409
0.004498 1.366774 92.275043
0.14087 2.637182 135.839675 2.077409
0.004498 0.398199 75.912887
0.28174 2.637182 135.839675 2.077409
0.004498 0.413319 62.977236
0.42261 2.637182 135.839675 2.077409
0.004498 1.135172 67.163307
0.56347 2.637182 135.839675 2.077409
0.004498 1.858268 82.010202

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.236610 -38.904460 -1.724111
-0.005276 -1.035312 -24.853294
0.14087 -14.236610 -38.904460 -1.724111
-0.005276 -0.314483 -54.188365
0.28174 -14.236610 -38.904460 -1.724111
-0.005276 -0.490883 -84.993828
0.42261 -14.236610 -38.904460 -1.724111
-0.005276 -1.366772 -121.246984
0.56347 -14.236610 -38.904460 -1.724111
-0.005276 -2.233859 -176.811290

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.037794 116.739862 2.197205
0.003471 1.327146 79.666241
0.14087 6.037794 116.739862 2.197205
0.003471 0.406394 79.704815
0.28174 6.037794 116.739862 2.197205
0.003471 0.421167 83.100753
0.42261 6.037794 116.739862 2.197205
0.003471 1.159120 100.760835
0.56347 6.037794 116.739862 2.197205
0.003471 1.898074 125.858436

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.415280 -62.476978 -1.761289
-0.004369 -1.057993 -23.158728
0.14087 -12.415280 -62.476978 -1.761289
-0.004369 -0.320307 -50.230677
0.28174 -12.415280 -62.476978 -1.761289
-0.004369 -0.524936 -80.848289
0.42261 -12.415280 -62.476978 -1.761289
-0.004369 -1.447296 -114.536431
0.56347 -12.415280 -62.476978 -1.761289
-0.004369 -2.369242 -162.445600

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.702208 100.284148 2.020498
0.003050 1.218355 70.352653
0.14087 9.702208 100.284148 2.020498
0.003050 0.371672 79.586230
0.28174 9.702208 100.284148 2.020498
0.003050 0.373520 92.484733
0.42261 9.702208 100.284148 2.020498
0.003050 1.037314 117.556876
0.56347 9.702208 100.284148 2.020498
0.003050 1.701996 149.133196
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3621

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.543271 -79.110643 -1.584331
-0.004076 -0.956959 -30.545352
0.14087 -10.543271 -79.110643 -1.584331
-0.004076 -0.293607 -51.122945
0.28174 -10.543271 -79.110643 -1.584331
-0.004076 -0.483523 -75.700588
0.42261 -10.543271 -79.110643 -1.584331
-0.004076 -1.331691 -103.396797
0.56347 -10.543271 -79.110643 -1.584331
-0.004076 -2.179537 -143.216904

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.962608 106.435080 1.476308
0.004859 0.896360 82.621698
0.14087 6.962608 106.435080 1.476308
0.004859 0.279860 85.877480
0.28174 6.962608 106.435080 1.476308
0.004859 0.278359 96.423768
0.42261 6.962608 106.435080 1.476308
0.004859 0.766625 123.300859
0.56347 6.962608 106.435080 1.476308
0.004859 1.254890 154.494467

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.122572 -75.228120 -1.163881
-0.005202 -0.698168 -25.865718
0.14087 -10.122572 -75.228120 -1.163881
-0.005202 -0.209817 -33.382089
0.28174 -10.122572 -75.228120 -1.163881
-0.005202 -0.353880 -50.558298
0.42261 -10.122572 -75.228120 -1.163881
-0.005202 -0.973225 -74.053800
0.56347 -10.122572 -75.228120 -1.163881
-0.005202 -1.592577 -113.992977

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.064012 135.839675 2.197205
0.004498 1.327146 92.275043
0.14087 11.064012 135.839675 2.197205
0.004498 0.406394 101.984196
0.28174 11.064012 135.839675 2.197205
0.004498 0.421167 126.366326
0.42261 11.064012 135.839675 2.197205
0.004498 1.159120 160.930465
0.56347 11.064012 135.839675 2.197205
0.004498 1.898074 200.871001

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.236610 -98.661379 -1.761289
-0.005276 -1.057993 -30.545352
0.14087 -14.236610 -98.661379 -1.761289
-0.005276 -0.320307 -54.863557
0.28174 -14.236610 -98.661379 -1.761289
-0.005276 -0.524936 -84.993828
0.42261 -14.236610 -98.661379 -1.761289
-0.005276 -1.447296 -121.246984
0.56347 -14.236610 -98.661379 -1.761289
-0.005276 -2.369242 -176.811290

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.064012 135.839675 2.197205
0.004859 1.327146 92.275043
0.14087 11.064012 135.839675 2.197205
0.004859 0.406394 101.984196
0.28174 11.064012 135.839675 2.197205
0.004859 0.421167 126.366326
0.42261 11.064012 135.839675 2.197205
0.004859 1.159120 160.930465
0.56347 11.064012 135.839675 2.197205
0.004859 1.898074 200.871001
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3622

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.236610 -98.661379 -1.761289
-0.005276 -1.057993 -30.545352
0.14087 -14.236610 -98.661379 -1.761289
-0.005276 -0.320307 -54.863557
0.28174 -14.236610 -98.661379 -1.761289
-0.005276 -0.524936 -84.993828
0.42261 -14.236610 -98.661379 -1.761289
-0.005276 -1.447296 -121.246984
0.56347 -14.236610 -98.661379 -1.761289
-0.005276 -2.369242 -176.811290

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.064012 135.839675 2.197205
0.004859 1.327146 92.275043
0.14087 11.064012 135.839675 2.197205
0.004859 0.406394 101.984196
0.28174 11.064012 135.839675 2.197205
0.004859 0.421167 126.366326
0.42261 11.064012 135.839675 2.197205
0.004859 1.159120 160.930465
0.56347 11.064012 135.839675 2.197205
0.004859 1.898074 200.871001

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.236610 -98.661379 -1.761289
-0.005276 -1.057993 -30.545352
0.14087 -14.236610 -98.661379 -1.761289
-0.005276 -0.320307 -54.863557
0.28174 -14.236610 -98.661379 -1.761289
-0.005276 -0.524936 -84.993828
0.42261 -14.236610 -98.661379 -1.761289
-0.005276 -1.447296 -121.246984
0.56347 -14.236610 -98.661379 -1.761289
-0.005276 -2.369242 -176.811290

ELEM 344 ========== LENGTH = 2.977349

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 2.048598 3.180204 0.091255
0.000772 0.102055 4.416407
0.57747 2.048598 3.180204 0.091255
0.000772 0.063786 3.083791
0.71831 2.048598 3.180204 0.091255
0.000772 0.025482 1.753881
0.85916 2.048598 3.180204 0.091255
0.000772 0.013002 1.267790
1.00000 2.048598 3.180204 0.091255
0.000772 0.051907 3.526643

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43663 -1.368493 -17.322020 -0.092677
-0.000781 -0.103545 -26.455703
0.57747 -1.368493 -17.322020 -0.092677
-0.000781 -0.064682 -19.261156
0.71831 -1.368493 -17.322020 -0.092677
-0.000781 -0.025761 -12.100755
0.85916 -1.368493 -17.322020 -0.092677
-0.000781 -0.013757 -5.224162
1.00000 -1.368493 -17.322020 -0.092677
-0.000781 -0.050974 -1.402147

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43663 7.356731 4.837640 0.184621
0.001392 0.201723 6.613781
0.57747 7.356731 4.837640 0.184621
0.001392 0.124301 4.607926
0.71831 7.356731 4.837640 0.184621
0.001392 0.046825 2.672873
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.85916		7.356731	4.837640		0.184621	
0.001392		0.031358	1.539373			
1.00000		7.356731	4.837640		0.184621	
0.001392		0.109651	7.884415			

COMB DB-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.385203	-35.910620		-0.187199	
-0.001404		-0.204337	-62.687982			
0.57747		-0.385203	-35.910620		-0.187199	
-0.001404		-0.125829	-48.678613			
0.71831		-0.385203	-35.910620		-0.187199	
-0.001404		-0.047298	-35.246613			
0.85916		-0.385203	-35.910620		-0.187199	
-0.001404		-0.032369	-23.001834			
1.00000		-0.385203	-35.910620		-0.187199	
-0.001404		-0.107954	-13.749325			

COMB DB-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		7.785158	4.192573		0.421841	
0.001018		0.449961	6.186063			
0.57747		7.785158	4.192573		0.421841	
0.001018		0.273080	4.429279			
0.71831		7.785158	4.192573		0.421841	
0.001018		0.096146	2.675275			
0.85916		7.785158	4.192573		0.421841	
0.001018		0.081941	1.729476			
1.00000		7.785158	4.192573		0.421841	
0.001018		0.260879	14.422640			

COMB DB-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.271868	-45.436529		-0.427001	
-0.001029		-0.455344	-66.318333			
0.57747		-0.271868	-45.436529		-0.427001	
-0.001029		-0.276281	-47.811961			
0.71831		-0.271868	-45.436529		-0.427001	
-0.001029		-0.097155	-29.123568			
0.85916		-0.271868	-45.436529		-0.427001	
-0.001029		-0.082434	-13.109965			
1.00000		-0.271868	-45.436529		-0.427001	
-0.001029		-0.257617	-6.777436			

COMB DB-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		7.994380	15.182123		0.798722	
0.003233		0.846213	21.701414			
0.57747		7.994380	15.182123		0.798722	
0.003233		0.511282	15.827855			
0.71831		7.994380	15.182123		0.798722	
0.003233		0.176322	11.387956			
0.85916		7.994380	15.182123		0.798722	
0.003233		0.159896	23.734137			
1.00000		7.994380	15.182123		0.798722	
0.003233		0.497049	56.946568			

COMB DB-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-2.875339	-93.226798		-0.804335	
-0.003242		-0.852125	-103.188185			
0.57747		-2.875339	-93.226798		-0.804335	
-0.003242		-0.514838	-64.595642			
0.71831		-2.875339	-93.226798		-0.804335	
-0.003242		-0.177489	-29.259908			
0.85916		-2.875339	-93.226798		-0.804335	
-0.003242		-0.160146	-11.694933			
1.00000		-2.875339	-93.226798		-0.804335	
-0.003242		-0.493509	-9.098685			

COMB DB-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		5.586274	1.105582		0.157564	
0.000458		0.165717	1.501572			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P	M2	V2	M3	V3
0.57747		5.586274	1.105582		0.157564	
0.000458		0.099642	1.044038			
0.71831		5.586274	1.105582		0.157564	
0.000458		0.033544	0.591492			
0.85916		5.586274	1.105582		0.157564	
0.000458		0.032928	0.213939			
1.00000		5.586274	1.105582		0.157564	
0.000458		0.100060	4.486143			

COMB DB-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.095457	-19.492540		-0.159921	
-0.000458		-0.168176	-38.817635			
0.57747		-0.095457	-19.492540		-0.159921	
-0.000458		-0.101108	-31.798066			
0.71831		-0.095457	-19.492540		-0.159921	
-0.000458		-0.033994	-25.903935			
0.85916		-0.095457	-19.492540		-0.159921	
-0.000458		-0.031430	-13.130906			
1.00000		-0.095457	-19.492540		-0.159921	
-0.000458		-0.098572	-14.501336			

COMB DB-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		7.789595	6.139268		0.526835	
0.003002		0.554264	6.876479			
0.57747		7.789595	6.139268		0.526835	
0.003002		0.333340	4.859268			
0.71831		7.789595	6.139268		0.526835	
0.003002		0.112432	4.645694			
0.85916		7.789595	6.139268		0.526835	
0.003002		0.109398	25.925011			
1.00000		7.789595	6.139268		0.526835	
0.003002		0.332554	57.124279			

COMB DB-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-1.530356	-78.858225		-0.531853	
-0.003002		-0.559553	-79.504757			
0.57747		-1.530356	-78.858225		-0.531853	
-0.003002		-0.336523	-47.068863			
0.71831		-1.530356	-78.858225		-0.531853	
-0.003002		-0.113447	-18.992049			
0.85916		-1.530356	-78.858225		-0.531853	
-0.003002		-0.108609	-9.285458			
1.00000		-1.530356	-78.858225		-0.531853	
-0.003002		-0.329427	-9.606145			

COMB DB-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		9.374702	7.837104		0.544652	
0.003289		0.577181	9.377108			
0.57747		9.374702	7.837104		0.544652	
0.003289		0.348787	6.594349			
0.71831		9.374702	7.837104		0.544652	
0.003289		0.120327	5.442404			
0.85916		9.374702	7.837104		0.544652	
0.003289		0.109304	23.610741			
1.00000		9.374702	7.837104		0.544652	
0.003289		0.339817	54.131610			

COMB DB-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-1.503600	-85.604796		-0.550085	
-0.003288		-0.582873	-93.544564			
0.57747		-1.503600	-85.604796		-0.550085	
-0.003288		-0.352200	-58.216138			
0.71831		-1.503600	-85.604796		-0.550085	
-0.003288		-0.121400	-26.910132			
0.85916		-1.503600	-85.604796		-0.550085	
-0.003288		-0.109650	-13.137542			
1.00000		-1.503600	-85.604796		-0.550085	
-0.003288		-0.336396	-10.870027			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		7.670922	23.235301		0.999050	
0.002861		1.055523	33.211301			
0.57747		7.670922	23.235301		0.999050	
0.002861		0.636583	23.841113			
0.71831		7.670922	23.235301		0.999050	
0.002861		0.217608	15.603359			
0.85916		7.670922	23.235301		0.999050	
0.002861		0.202551	20.942519			
1.00000		7.670922	23.235301		0.999050	
0.002861		0.623723	48.384010			

COMB DB-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-4.001921	-79.456064		-1.004682	
-0.002856		-1.061482	-88.555875			
0.57747		-4.001921	-79.456064		-1.004682	
-0.002856		-0.640179	-55.808413			
0.71831		-4.001921	-79.456064		-1.004682	
-0.002856		-0.218779	-25.836786			
0.85916		-4.001921	-79.456064		-1.004682	
-0.002856		-0.202648	-10.872524			
1.00000		-4.001921	-79.456064		-1.004682	
-0.002856		-0.620235	-12.158975			

COMB DB-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		0.242138	37.806502		0.908908	
0.000870		0.957706	52.496948			
0.57747		0.242138	37.806502		0.908908	
0.000870		0.576567	36.660807			
0.71831		0.242138	37.806502		0.908908	
0.000870		0.195481	20.830119			
0.85916		0.242138	37.806502		0.908908	
0.000870		0.185986	5.032429			
1.00000		0.242138	37.806502		0.908908	
0.000870		0.567847	1.674180			

COMB DB-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-5.240092	-3.670875		-0.910629	
-0.000869		-0.959597	-4.750271			
0.57747		-5.240092	-3.670875		-0.910629	
-0.000869		-0.577736	-3.226124			
0.71831		-5.240092	-3.670875		-0.910629	
-0.000869		-0.195900	-1.778625			
0.85916		-5.240092	-3.670875		-0.910629	
-0.000869		-0.185712	-0.833331			
1.00000		-5.240092	-3.670875		-0.910629	
-0.000869		-0.566850	-11.541767			

COMB DB-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		2.740890	49.159891		1.319922	
0.004382		1.390706	73.716795			
0.57747		2.740890	49.159891		1.319922	
0.004382		0.837213	53.404044			
0.71831		2.740890	49.159891		1.319922	
0.004382		0.283759	35.886653			
0.85916		2.740890	49.159891		1.319922	
0.004382		0.270415	43.260694			
1.00000		2.740890	49.159891		1.319922	
0.004382		0.825455	62.913404			

COMB DB-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-8.543412	-68.609045		-1.323569	
-0.004381		-1.394654	-54.553685			
0.57747		-8.543412	-68.609045		-1.323569	
-0.004381		-0.839635	-26.000222			
0.71831		-8.543412	-68.609045		-1.323569	
-0.004381		-0.284630	-2.906286			
0.85916		-8.543412	-68.609045		-1.323569	
-0.004381		-0.269928	-1.926119			
1.00000		-8.543412	-68.609045		-1.323569	
-0.004381		-0.823275	-15.135015			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		5.117947	40.267309		1.363095	
0.003238		1.435085	55.035657			
0.57747		5.117947	40.267309		1.363095	
0.003238		0.863488	38.624981			
0.71831		5.117947	40.267309		1.363095	
0.003238		0.291928	23.726027			
0.85916		5.117947	40.267309		1.363095	
0.003238		0.280742	26.768173			
1.00000		5.117947	40.267309		1.363095	
0.003238		0.855006	48.629110			

COMB DB-G3-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-6.399705	-65.990212		-1.369195	
-0.003237		-1.441621	-62.370635			
0.57747		-6.399705	-65.990212		-1.369195	
-0.003237		-0.867469	-34.789573			
0.71831		-6.399705	-65.990212		-1.369195	
-0.003237		-0.293267	-10.653362			
0.85916		-6.399705	-65.990212		-1.369195	
-0.003237		-0.279802	-2.150114			
1.00000		-6.399705	-65.990212		-1.369195	
-0.003237		-0.851307	-13.216134			

COMB DB-G3-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		7.907139	35.161313		1.198111	
0.003163		1.263914	48.078894			
0.57747		7.907139	35.161313		1.198111	
0.003163		0.761500	33.727876			
0.71831		7.907139	35.161313		1.198111	
0.003163		0.259094	20.627065			
0.85916		7.907139	35.161313		1.198111	
0.003163		0.244432	22.501224			
1.00000		7.907139	35.161313		1.198111	
0.003163		0.749287	42.482570			

COMB DB-G3-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-5.412300	-67.753229		-1.203866	
-0.003163		-1.270019	-75.001780			
0.57747		-5.412300	-67.753229		-1.203866	
-0.003163		-0.765190	-47.119242			
0.71831		-5.412300	-67.753229		-1.203866	
-0.003163		-0.260303	-22.381473			
0.85916		-5.412300	-67.753229		-1.203866	
-0.003163		-0.244228	-11.072546			
1.00000		-5.412300	-67.753229		-1.203866	
-0.003163		-0.745740	-17.730891			

COMB DL-G1-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		3.453141	6.907788		0.186917	
0.000798		0.201810	9.880088			
0.57747		3.453141	6.907788		0.186917	
0.000798		0.123126	6.991947			
0.71831		3.453141	6.907788		0.186917	
0.000798		0.044633	4.139667			
0.85916		3.453141	6.907788		0.186917	
0.000798		0.024773	1.680749			
1.00000		3.453141	6.907788		0.186917	
0.000798		0.088077	6.628875			

COMB DL-G1-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-1.374817	-35.552606		-0.150867	
-0.000849		-0.165303	-53.919563			
0.57747		-1.374817	-35.552606		-0.150867	
-0.000849		-0.101906	-39.039227			
0.71831		-1.374817	-35.552606		-0.150867	
-0.000849		-0.038791	-24.174392			
0.85916		-1.374817	-35.552606		-0.150867	
-0.000849		-0.032506	-9.453951			
1.00000		-1.374817	-35.552606		-0.150867	
-0.000849		-0.111106	-2.417614			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		12.998265	10.057622		0.388107	
0.001352		0.412905	13.967313			
0.57747		12.998265	10.057622		0.388107	
0.001352		0.249788	9.760350			
0.71831		12.998265	10.057622		0.388107	
0.001352		0.085848	5.640309			
0.85916		12.998265	10.057622		0.388107	
0.001352		0.061981	2.113796			
1.00000		12.998265	10.057622		0.388107	
0.001352		0.199123	12.023054			

COMB DL-G1-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.826212	-73.591883		-0.326270	
-0.001414		-0.348370	-124.620762			
0.57747		-0.826212	-73.591883		-0.326270	
-0.001414		-0.211870	-93.785455			
0.71831		-0.826212	-73.591883		-0.326270	
-0.001414		-0.074686	-63.095134			
0.85916		-0.826212	-73.591883		-0.326270	
-0.001414		-0.074103	-33.110693			
1.00000		-0.826212	-73.591883		-0.326270	
-0.001414		-0.236920	-14.984591			

COMB DL-G1-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		13.841233	9.647545		0.786238	
0.001063		0.830121	14.839539			
0.57747		13.841233	9.647545		0.786238	
0.001063		0.499764	10.824239			
0.71831		13.841233	9.647545		0.786238	
0.001063		0.168475	6.864749			
0.85916		13.841233	9.647545		0.786238	
0.001063		0.138883	5.711872			
1.00000		13.841233	9.647545		0.786238	
0.001063		0.430791	27.729338			

COMB DL-G1-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.907096	-91.644004		-0.695236	
-0.001121		-0.735384	-133.584191			
0.57747		-0.907096	-91.644004		-0.695236	
-0.001121		-0.443975	-95.196537			
0.71831		-0.907096	-91.644004		-0.695236	
-0.001121		-0.152144	-56.902296			
0.85916		-0.907096	-91.644004		-0.695236	
-0.001121		-0.156197	-22.196884			
1.00000		-0.907096	-91.644004		-0.695236	
-0.001121		-0.486884	-9.140474			

COMB DL-G1-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		13.223176	25.885994		1.332610	
0.002667		1.403840	41.387169			
0.57747		13.223176	25.885994		1.332610	
0.002667		0.844281	30.904060			
0.71831		13.223176	25.885994		1.332610	
0.002667		0.284404	22.612596			
0.85916		13.223176	25.885994		1.332610	
0.002667		0.250228	31.584749			
1.00000		13.223176	25.885994		1.332610	
0.002667		0.762799	68.423679			

COMB DL-G1-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-4.547495	-130.977103		-1.225125	
-0.002715		-1.292225	-159.948638			
0.57747		-4.547495	-130.977103		-1.225125	
-0.002715		-0.778635	-105.372027			
0.71831		-4.547495	-130.977103		-1.225125	
-0.002715		-0.265318	-53.602030			
0.85916		-4.547495	-130.977103		-1.225125	
-0.002715		-0.271054	-19.234480			
1.00000		-4.547495	-130.977103		-1.225125	
-0.002715		-0.829308	-11.018658			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		10.090544	2.218784		0.299935	
0.000402		0.314031	3.028605			
0.57747		10.090544	2.218784		0.299935	
0.000402		0.188028	2.101057			
0.71831		10.090544	2.218784		0.299935	
0.000402		0.061070	1.183784			
0.85916		10.090544	2.218784		0.299935	
0.000402		0.057016	0.319090			
1.00000		10.090544	2.218784		0.299935	
0.000402		0.169678	7.355148			

COMB DL-G2-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-0.150132	-41.457918		-0.268116	
-0.000402		-0.280007	-76.850394			
0.57747		-0.150132	-41.457918		-0.268116	
-0.000402		-0.167542	-59.467709			
0.71831		-0.150132	-41.457918		-0.268116	
-0.000402		-0.054842	-42.090219			
0.85916		-0.150132	-41.457918		-0.268116	
-0.000402		-0.061883	-24.772441			
1.00000		-0.150132	-41.457918		-0.268116	
-0.000402		-0.188345	-13.676794			

COMB DL-G2-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		12.371107	6.718179		0.895519	
0.002377		0.938485	9.932601			
0.57747		12.371107	6.718179		0.895519	
0.002377		0.562447	7.485678			
0.71831		12.371107	6.718179		0.895519	
0.002377		0.186188	7.965010			
0.85916		12.371107	6.718179		0.895519	
0.002377		0.174914	30.888932			
1.00000		12.371107	6.718179		0.895519	
0.002377		0.517880	71.979553			

COMB DL-G2-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-1.678497	-110.298062		-0.823170	
-0.002376		-0.862636	-120.842547			
0.57747		-1.678497	-110.298062		-0.823170	
-0.002376		-0.517366	-74.932982			
0.71831		-1.678497	-110.298062		-0.823170	
-0.002376		-0.172967	-32.925326			
0.85916		-1.678497	-110.298062		-0.823170	
-0.002376		-0.187875	-11.419921			
1.00000		-1.678497	-110.298062		-0.823170	
-0.002376		-0.562326	-8.651219			

COMB DL-G2-3 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		16.253817	10.958773		0.952238	
0.002746		1.001175	15.752508			
0.57747		16.253817	10.958773		0.952238	
0.002746		0.601237	11.491946			
0.71831		16.253817	10.958773		0.952238	
0.002746		0.202792	9.879173			
0.85916		16.253817	10.958773		0.952238	
0.002746		0.179144	28.228080			
1.00000		16.253817	10.958773		0.952238	
0.002746		0.537918	69.220002			

COMB DL-G2-3 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-1.749490	-130.043486		-0.860330	
-0.002745		-0.904877	-157.203574			
0.57747		-1.749490	-130.043486		-0.860330	
-0.002745		-0.544045	-103.022910			
0.71831		-1.749490	-130.043486		-0.860330	
-0.002745		-0.183952	-52.427357			
0.85916		-1.749490	-130.043486		-0.860330	
-0.002745		-0.196319	-20.640319			
1.00000		-1.749490	-130.043486		-0.860330	
-0.002745		-0.594537	-11.375182			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		13.534076	42.195068		1.616991	
0.002455		1.701730	63.261780			
0.57747		13.534076	42.195068		1.616991	
0.002455		1.023001	45.862480			
0.71831		13.534076	42.195068		1.616991	
0.002455		0.343411	30.239936			
0.85916		13.534076	42.195068		1.616991	
0.002455		0.309929	28.650594			
1.00000		13.534076	42.195068		1.616991	
0.002455		0.940848	58.467443			

COMB DL-G2-4 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-6.513645	-116.228765		-1.507298	
-0.002422		-1.587147	-143.873147			
0.57747		-6.513645	-116.228765		-1.507298	
-0.002422		-0.955071	-95.433289			
0.71831		-6.513645	-116.228765		-1.507298	
-0.002422		-0.323574	-49.190594			
0.85916		-6.513645	-116.228765		-1.507298	
-0.002422		-0.330423	-17.299201			
1.00000		-6.513645	-116.228765		-1.507298	
-0.002422		-1.008381	-15.364998			

COMB DL-G3-1 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		0.532845	81.692952		1.357025	
0.000914		1.429192	111.284463			
0.57747		0.532845	81.692952		1.357025	
0.000914		0.859953	77.064472			
0.71831		0.532845	81.692952		1.357025	
0.000914		0.290142	42.931990			
0.85916		0.532845	81.692952		1.357025	
0.000914		0.267115	9.072363			
1.00000		0.532845	81.692952		1.357025	
0.000914		0.815013	3.107436			

COMB DL-G3-1 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-9.635610	-7.613589		-1.306279	
-0.000913		-1.376173	-10.020248			
0.57747		-9.635610	-7.613589		-1.306279	
-0.000913		-0.828394	-6.864439			
0.71831		-9.635610	-7.613589		-1.306279	
-0.000913		-0.280594	-3.825598			
0.85916		-9.635610	-7.613589		-1.306279	
-0.000913		-0.276408	-1.417718			
1.00000		-9.635610	-7.613589		-1.306279	
-0.000913		-0.645938	-26.256903			

COMB DL-G3-2 ---------- MAX

REL DIST	T	P	M2	V2	M3	V3
0.43663		3.815925	92.468361		2.007244	
0.004097		2.111044	133.740393			
0.57747		3.815925	92.468361		2.007244	
0.004097		1.269067	95.671672			
0.71831		3.815925	92.468361		2.007244	
0.004097		0.427242	62.336156			
0.85916		3.815925	92.468361		2.007244	
0.004097		0.398253	58.736967			
1.00000		3.815925	92.468361		2.007244	
0.004097		1.199731	82.381538			

COMB DL-G3-2 ---------- MIN

REL DIST	T	P	M2	V2	M3	V3
0.43663		-13.307811	-90.101666		-1.919402	
-0.004097		-2.019782	-73.841155			
0.57747		-13.307811	-90.101666		-1.919402	
-0.004097		-1.214897	-36.731414			
0.71831		-13.307811	-90.101666		-1.919402	
-0.004097		-0.411340	-5.865882			
0.85916		-13.307811	-90.101666		-1.919402	
-0.004097		-0.415229	-2.404716			
1.00000		-13.307811	-90.101666		-1.919402	
-0.004097		-1.254308	-27.691075			

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	8.573750	79.403087	2.112807
0.003144	2.220963	111.103970	
0.57747	8.573750	79.403087	2.112807
0.003144	1.334366	78.192078	
0.71831	8.573750	79.403087	2.112807
0.003144	0.447678	48.275052	
0.85916	8.573750	79.403087	2.112807
0.003144	0.415748	39.840995	
1.00000	8.573750	79.403087	2.112807
0.003144	1.253853	70.174770	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.974703	-100.560168	-2.003727
-0.003143	-2.107247	-100.574087	
0.57747	-10.974703	-100.560168	-2.003727
-0.003143	-1.266749	-58.759335	
0.71831	-10.974703	-100.560168	-2.003727
-0.003143	-0.427481	-20.957914	
0.85916	-10.974703	-100.560168	-2.003727
-0.003143	-0.435610	-3.825366	
1.00000	-10.974703	-100.560168	-2.003727
-0.003143	-1.320738	-24.967216	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	14.069344	69.608760	1.898379
0.003090	1.996695	97.326769	
0.57747	14.069344	69.608760	1.898379
0.003090	1.200017	68.452329	
0.71831	14.069344	69.608760	1.898379
0.003090	0.402743	42.068926	
0.85916	14.069344	69.608760	1.898379
0.003090	0.369666	33.642651	
1.00000	14.069344	69.608760	1.898379
0.003090	1.116583	61.894477	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-9.299871	-111.932496	-1.786056
-0.003089	-1.879048	-133.436843	
0.57747	-9.299871	-111.932496	-1.786056
-0.003089	-1.129990	-86.814014	
0.71831	-9.299871	-111.932496	-1.786056
-0.003089	-0.381668	-43.598777	
0.85916	-9.299871	-111.932496	-1.786056
-0.003089	-0.390001	-17.760812	
1.00000	-9.299871	-111.932496	-1.786056
-0.003089	-1.185355	-27.925196	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	9.374702	49.159891	1.363095
0.004382	1.435085	73.121695	
0.57747	9.374702	49.159891	1.363095
0.004382	0.863488	53.404044	
0.71831	9.374702	49.159891	1.363095
0.004382	0.291898	35.686653	
0.85916	9.374702	49.159891	1.363095
0.004382	0.280742	43.260694	
1.00000	9.374702	49.159891	1.363095
0.004382	0.855006	62.913404	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.543412	-93.226798	-1.369195
-0.004381	-1.441621	-103.188185	
0.57747	-8.543412	-93.226798	-1.369195
-0.004381	-0.867469	-64.595642	
0.71831	-8.543412	-93.226798	-1.369195
-0.004381	-0.293267	-35.246613	
0.85916	-8.543412	-93.226798	-1.369195
-0.004381	-0.279802	-23.001834	
1.00000	-8.543412	-93.226798	-1.369195
-0.004381	-0.851307	-17.730891	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.253817	92.468361	2.112807
0.004097	2.220963	133.740393	
0.57747	16.253817	92.468361	2.112807
0.004097	1.334366	95.671672	
0.71831	16.253817	92.468361	2.112807
0.004097	0.447678	62.336156	
0.85916	16.253817	92.468361	2.112807
0.004097	0.415748	58.736967	
1.00000	16.253817	92.468361	2.112807
0.004097	1.253853	82.381538	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.307811	-130.977103	-2.003727
-0.004097	-2.107247	-159.948638	
0.57747	-13.307811	-130.977103	-2.003727
-0.004097	-1.266749	-105.372027	
0.71831	-13.307811	-130.977103	-2.003727
-0.004097	-0.427481	-63.099134	
0.85916	-13.307811	-130.977103	-2.003727
-0.004097	-0.435610	-33.110693	
1.00000	-13.307811	-130.977103	-2.003727
-0.004097	-1.320738	-27.925196	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.253817	92.468361	2.112807
0.004382	2.220963	133.740393	
0.57747	16.253817	92.468361	2.112807
0.004382	1.334366	95.671672	
0.71831	16.253817	92.468361	2.112807
0.004382	0.447678	62.336156	
0.85916	16.253817	92.468361	2.112807
0.004382	0.415748	58.736967	
1.00000	16.253817	92.468361	2.112807
0.004382	1.253853	82.381538	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.307811	-130.977103	-2.003727
-0.004381	-2.107247	-159.948638	
0.57747	-13.307811	-130.977103	-2.003727
-0.004381	-1.266749	-105.372027	
0.71831	-13.307811	-130.977103	-2.003727
-0.004381	-0.427481	-63.099134	
0.85916	-13.307811	-130.977103	-2.003727
-0.004381	-0.435610	-33.110693	
1.00000	-13.307811	-130.977103	-2.003727
-0.004381	-1.320738	-27.925196	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	16.253817	92.468361	2.112807
0.004382	2.220963	133.740393	
0.57747	16.253817	92.468361	2.112807
0.004382	1.334366	95.671672	
0.71831	16.253817	92.468361	2.112807
0.004382	0.447678	62.336156	
0.85916	16.253817	92.468361	2.112807
0.004382	0.415748	58.736967	
1.00000	16.253817	92.468361	2.112807
0.004382	1.253853	82.381538	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-13.307811	-130.977103	-2.003727
-0.004381	-2.107247	-159.948638	
0.57747	-13.307811	-130.977103	-2.003727
-0.004381	-1.266749	-105.372027	
0.71831	-13.307811	-130.977103	-2.003727
-0.004381	-0.427481	-63.099134	
0.85916	-13.307811	-130.977103	-2.003727
-0.004381	-0.435610	-33.110693	
1.00000	-13.307811	-130.977103	-2.003727
-0.004381	-1.320738	-27.925196	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 345 ========== LENGTH = 2.977323

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.025604	3.197900	0.164154
0.000515	0.110548	3.530501	
0.14084	2.025604	3.197900	0.164154
0.000515	0.041674	10.414749	
0.28168	2.025604	3.197900	0.164154
0.000515	0.027348	17.479519	
0.42252	2.025604	3.197900	0.164154
0.000515	0.096616	24.611746	
0.56337	2.025604	3.197900	0.164154
0.000515	0.165849	31.753023	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.369098	-17.146759	-0.165118
-0.000515	-0.111135	-1.404439	
0.14084	-1.369098	-17.146759	-0.165118
-0.000515	-0.041857	-2.548862	
0.28168	-1.369098	-17.146759	-0.165118
-0.000515	-0.027124	-3.723224	
0.42252	-1.369098	-17.146759	-0.165118
-0.000515	-0.095955	-4.944966	
0.56337	-1.369098	-17.146759	-0.165118
-0.000515	-0.164791	-6.224092	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.246674	5.908141	0.284270
0.001001	0.188110	7.892651	
0.14084	7.246674	5.908141	0.284270
0.001001	0.068871	20.461225	
0.28168	7.246674	5.908141	0.284270
0.001001	0.050645	33.148027	
0.42252	7.246674	5.908141	0.284270
0.001001	0.170749	47.575853	
0.56337	7.246674	5.908141	0.284270
0.001001	0.290769	61.758068	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.451795	-34.532524	-0.286206
-0.001000	-0.189282	-13.749611	
0.14084	-0.451795	-34.532524	-0.286206
-0.001000	-0.069245	-10.988255	
0.28168	-0.451795	-34.532524	-0.286206
-0.001000	-0.050175	-9.036402	
0.42252	-0.451795	-34.532524	-0.286206
-0.001000	-0.169467	-8.100407	
0.56337	-0.451795	-34.532524	-0.286206
-0.001000	-0.288683	-9.728155	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.709593	4.181803	0.514375
0.001091	0.331799	14.437356	
0.14084	7.709593	4.181803	0.514375
0.001091	0.116048	32.554791	
0.28168	7.709593	4.181803	0.514375
0.001091	0.100502	51.287872	
0.42252	7.709593	4.181803	0.514375
0.001091	0.318385	70.039768	
0.56337	7.709593	4.181803	0.514375
0.001091	0.536131	88.844159	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.263989	-44.986700	-0.519281
-0.001091	-0.334865	-6.777628	
0.14084	-0.263989	-44.986700	-0.519281
-0.001091	-0.117053	-6.290364	
0.28168	-0.263989	-44.986700	-0.519281
-0.001091	-0.099496	-6.245955	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-0.263989	-44.986700	-0.519281
-0.001091	-0.315279	-6.564340	
0.56337	-0.263989	-44.986700	-0.519281
-0.001091	-0.530968	-7.949519	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.740641	36.257299	0.901130
0.003158	0.575422	56.959139	
0.14084	6.740641	36.257299	0.901130
0.003158	0.197582	71.677219	
0.28168	6.740641	36.257299	0.901130
0.003158	0.181401	87.310830	
0.42252	6.740641	36.257299	0.901130
0.003158	0.561792	113.763139	
0.56337	6.740641	36.257299	0.901130
0.003158	0.942078	144.017058	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.218505	-72.267392	-0.906903
-0.003158	-0.579086	-9.121887	
0.14084	-4.218505	-72.267392	-0.906903
-0.003158	-0.198742	-9.488305	
0.28168	-4.218505	-72.267392	-0.906903
-0.003158	-0.180252	-12.799345	
0.42252	-4.218505	-72.267392	-0.906903
-0.003158	-0.558191	-17.889893	
0.56337	-4.218505	-72.267392	-0.906903
-0.003158	-0.936059	-32.809107	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.551447	1.131821	0.169016
0.000424	0.106814	4.492516	
0.14084	5.551447	1.131821	0.169016
0.000424	0.035932	12.095972	
0.28168	5.551447	1.131821	0.169016
0.000424	0.035360	19.988173	
0.42252	5.551447	1.131821	0.169016
0.000424	0.107246	28.009070	
0.56337	5.551447	1.131821	0.169016
0.000424	0.179069	36.058256	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094946	-19.384734	-0.171292
-0.000424	-0.108236	-14.500652	
0.14084	-0.094946	-19.384734	-0.171292
-0.000424	-0.036340	-9.271122	
0.28168	-0.094946	-19.384734	-0.171292
-0.000424	-0.034906	-4.728237	
0.42252	-0.094946	-19.384734	-0.171292
-0.000424	-0.105802	-2.117150	
0.56337	-0.094946	-19.384734	-0.171292
-0.000424	-0.176673	-2.210446	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.071447	34.858548	0.551883
0.003402	0.348516	57.135347	
0.14084	6.071447	34.858548	0.551883
0.003402	0.117189	57.375400	
0.28168	6.071447	34.858548	0.551883
0.003402	0.115343	58.594148	
0.42252	6.071447	34.858548	0.551883
0.003402	0.348976	74.575684	
0.56337	6.071447	34.858548	0.551883
0.003402	0.582561	95.734646	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.347060	-50.560555	-0.557063
-0.003402	-0.351807	-9.644444	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-3.347060	-50.560555	-0.557063
-0.003402	-0.115157	-3.065964	
0.28168	-3.347060	-50.560555	-0.557063
-0.003402	-0.114320	-2.994914	
0.42252	-3.347060	-50.560555	-0.557063
-0.003402	-0.345744	-3.811455	
0.56337	-3.347060	-50.560555	-0.557063
-0.003402	-0.577163	-18.073467	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.805038	33.774075	0.619191
0.003471	0.395745	54.144879	
0.14084	7.805038	33.774075	0.619191
0.003471	0.136148	59.998915	
0.28168	7.805038	33.774075	0.619191
0.003471	0.124618	66.975086	
0.42252	7.805038	33.774075	0.619191
0.003471	0.386536	87.346303	
0.56337	7.805038	33.774075	0.619191
0.003471	0.648403	112.434355	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.139972	-59.964020	-0.624505
-0.003471	-0.399089	-10.903349	
0.14084	-3.139972	-59.964020	-0.624505
-0.003471	-0.137157	-5.222330	
0.28168	-3.139972	-59.964020	-0.624505
-0.003471	-0.123479	-4.914973	
0.42252	-3.139972	-59.964020	-0.624505
-0.003471	-0.641190	-6.910468	
0.56337	-3.139972	-59.964020	-0.624505
-0.003471	-0.642835	-20.821190	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.634676	40.467750	1.092829
0.002841	0.694653	48.396830	
0.14084	6.634676	40.467750	1.092829
0.002841	0.236419	61.715620	
0.28168	6.634676	40.467750	1.092829
0.002841	0.223013	75.844833	
0.42252	6.634676	40.467750	1.092829
0.002841	0.683808	98.783085	
0.56337	6.634676	40.467750	1.092829
0.002841	1.144557	124.827239	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.110869	-62.221596	-1.098786
-0.002842	-0.698458	-12.174264	
0.14084	-5.110869	-62.221596	-1.098786
-0.002842	-0.237655	-15.196044	
0.28168	-5.110869	-62.221596	-1.098786
-0.002842	-0.221802	-22.304115	
0.42252	-5.110869	-62.221596	-1.098786
-0.002842	-0.680115	-31.043288	
0.56337	-5.110869	-62.221596	-1.098786
-0.002842	-1.138371	-47.777663	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.249329	38.146984	0.958580
0.000794	0.606171	1.671375	
0.14084	0.249329	38.146984	0.958580
0.000794	0.204209	2.971321	
0.28168	0.249329	38.146984	0.958580
0.000794	0.198160	4.442178	
0.42252	0.249329	38.146984	0.958580
0.000794	0.601116	5.956555	
0.56337	0.249329	38.146984	0.958580
0.000794	1.004072	7.480884	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.293440	-3.636778	-0.960951
-0.000794	-0.607753	-11.530268	
0.14084	-5.293440	-3.636778	-0.960951
-0.000794	-0.204797	-27.349351	
0.28168	-5.293440	-3.636778	-0.960951
-0.000794	-0.197753	-43.180013	
0.42252	-5.293440	-3.636778	-0.960951
-0.000794	-0.599715	-59.109269	
0.56337	-5.293440	-3.636778	-0.960951
-0.000794	-1.001677	-75.104987	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.717197	84.348878	1.390612
0.004362	0.879425	62.910478	
0.14084	0.717197	84.348878	1.390612
0.004362	0.296436	50.524951	
0.28168	0.717197	84.348878	1.390612
0.004362	0.287692	40.605589	
0.42252	0.717197	84.348878	1.390612
0.004362	0.872759	48.755691	
0.56337	0.717197	84.348878	1.390612
0.004362	1.457839	63.187137	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.821167	-34.448351	-1.395278
-0.004363	-0.882497	-15.166232	
0.14084	-10.821167	-34.448351	-1.395278
-0.004363	-0.297411	-27.856228	
0.28168	-10.821167	-34.448351	-1.395278
-0.004363	-0.286839	-44.549516	
0.42252	-10.821167	-34.448351	-1.395278
-0.004363	-0.869957	-64.500389	
0.56337	-10.821167	-34.448351	-1.395278
-0.004363	-1.453085	-99.851658	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.692304	64.610460	1.426066
0.003527	0.900746	48.634860	
0.14084	3.692304	64.610460	1.426066
0.003527	0.302828	49.115249	
0.28168	3.692304	64.610460	1.426066
0.003527	0.296560	50.262558	
0.42252	3.692304	64.610460	1.426066
0.003527	0.897589	63.698597	
0.56337	3.692304	64.610460	1.426066
0.003527	1.498578	81.446015	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.972495	-42.330689	-1.433218
-0.003528	-0.905391	-13.234498	
0.14084	-7.972495	-42.330689	-1.433218
-0.003528	-0.304350	-25.367477	
0.28168	-7.972495	-42.330689	-1.433218
-0.003528	-0.295234	-40.461349	
0.42252	-7.972495	-42.330689	-1.433218
-0.003528	-0.893234	-57.222410	
0.56337	-7.972495	-42.330689	-1.433218
-0.003528	-1.491227	-84.291345	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.717310	55.284609	1.286938
0.003247	0.815890	42.490522	
0.14084	6.717310	55.284609	1.286938
0.003247	0.276295	47.900952	
0.28168	6.717310	55.284609	1.286938
0.003247	0.264604	54.182972	
0.42252	6.717310	55.284609	1.286938
0.003247	0.806882	70.723343	
0.56337	6.717310	55.284609	1.286938
0.003247	1.349123	90.859081	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.709353	-48.161349	-1.293125
-0.003248	-0.819860	-17.747251	
0.14084	-6.709353	-48.161349	-1.293125
-0.003248	-0.277571	-25.726914	
0.28168	-6.709353	-48.161349	-1.293125
-0.003248	-0.263396	-36.804823	
0.42252	-6.709353	-48.161349	-1.293125
-0.003248	-0.803065	-50.434812	
0.56337	-6.709353	-48.161349	-1.293125
-0.003248	-1.342716	-73.368372	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.410660	6.902161	0.263684
0.000504	0.173655	6.637712	
0.14084	3.410660	6.902161	0.263684
0.000504	0.062946	21.101327	
0.28168	3.410660	6.902161	0.263684
0.000504	0.040190	35.687187	
0.42252	3.410660	6.902161	0.263684
0.000504	0.138801	50.328641	
0.56337	3.410660	6.902161	0.263684
0.000504	0.237089	65.008316	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.362618	-35.221409	-0.234747
-0.000503	-0.156865	-2.422285	
0.14084	-1.362618	-35.221409	-0.234747
-0.000503	-0.058194	-5.038600	
0.28168	-1.362618	-35.221409	-0.234747
-0.000503	-0.046085	-7.759190	
0.42252	-1.362618	-35.221409	-0.234747
-0.000503	-0.157722	-10.553805	
0.56337	-1.362618	-35.221409	-0.234747
-0.000503	-0.268004	-13.341705	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.841903	10.803692	0.482167
0.000907	0.312509	12.041386	
0.14084	12.841903	10.803692	0.482167
0.000907	0.109518	38.027842	
0.28168	12.841903	10.803692	0.482167
0.000907	0.078011	65.720771	
0.42252	12.841903	10.803692	0.482167
0.000907	0.254196	94.354880	
0.56337	12.841903	10.803692	0.482167
0.000907	0.429882	123.999877	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.866523	-72.219639	-0.419213
-0.000907	-0.273386	-14.989880	
0.14084	-0.866523	-72.219639	-0.419213
-0.000907	-0.097278	-13.441976	
0.28168	-0.866523	-72.219639	-0.419213
-0.000907	-0.089159	-14.357855	
0.42252	-0.866523	-72.219639	-0.419213
-0.000907	-0.292910	-16.095132	
0.56337	-0.866523	-72.219639	-0.419213
-0.000907	-0.495611	-19.842411	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.673735	9.564498	0.876916
0.000999	0.559121	27.759338	
0.14084	13.673735	9.564498	0.876916
0.000999	0.189842	63.378273	
0.28168	13.673735	9.564498	0.876916
0.000999	0.155518	100.280980	
0.42252	13.673735	9.564498	0.876916

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 0.000999     0.485412   137.523132
0.56337    13.673735     9.564498     0.876916
 0.000999     0.814795   175.227494
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3637

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.891519  -90.616507   -0.785343
-0.000999   -0.502663   -9.144614
0.14084   -0.891519  -90.616507   -0.785343
-0.000999   -0.173065   -9.497637
0.28168   -0.891519  -90.616507   -0.785343
-0.000999   -0.172011   -11.491621
0.42252   -0.891519  -90.616507   -0.785343
-0.000999   -0.541769   13.937121
0.56337   -0.891519  -90.616507   -0.785343
-0.000999   -0.910166   -17.490689

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   11.968170   46.171539    1.440487
 0.002392    0.915077   68.463455
0.14084   11.968170   46.171539    1.440487
 0.002392    0.310572   97.919237
0.28168   11.968170   46.171539    1.440487
 0.002392    0.269672   129.249441
0.42252   11.968170   46.171539    1.440487
 0.002392    0.829346   169.085738
0.56337   11.968170   46.171539    1.440487
 0.002392    1.389257   213.066887

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -6.069594  -106.799000   -1.335146
-0.002392   -0.850443   -11.035875
0.14084   -6.069594  -106.799000   -1.335146
-0.002392   -0.291369   -15.176381
0.28168   -6.069594  -106.799000   -1.335146
-0.002392   -0.288929   -22.952660
0.42252   -6.069594  -106.799000   -1.335146
-0.002392   -0.894555   -32.414401
0.56337   -6.069594  -106.799000   -1.335146
-0.002392   -1.499252   -50.837241

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   10.009840    2.205252    0.309272
 0.000363    0.194237    7.368515
0.14084   10.009840    2.205252    0.309272
 0.000363    0.064170   21.493041
0.28168   10.009840    2.205252    0.309272
 0.000363    0.056703   36.734718
0.42252   10.009840    2.205252    0.309272
 0.000363    0.169651   52.790804
0.56337   10.009840    2.205252    0.309272
 0.000363    0.282485   69.799729

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.147909  -41.202682   -0.268883
-0.000363   -0.166234   -13.677644
0.14084   -0.147909  -41.202682   -0.268883
-0.000363   -0.055204   -8.711294
0.28168   -0.147909  -41.202682   -0.268883
-0.000363   -0.062957   -5.492047
0.42252   -0.147909  -41.202682   -0.268883
-0.000363   -0.193745   -3.867131
0.56337   -0.147909  -41.202682   -0.268883
-0.000363   -0.323748   -4.365342

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   10.499858   37.302916    0.921015
 0.002605    0.580990   72.024291
0.14084   10.499858   37.302916    0.921015
 0.002605    0.195422   82.008715
0.28168   10.499858   37.302916    0.921015
 0.002605    0.175313   93.176939
0.42252   10.499858   37.302916    0.921015
 0.002605    0.528542   117.033318
0.56337   10.499858   37.302916    0.921015
 0.002605    0.882730   146.984942
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3638

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -3.931468   -73.863477   -0.844066
-0.002605   -0.533011   -8.684219
0.14084   -3.931468   -73.863477   -0.844066
-0.002605   -0.180674   -4.309632
0.28168   -3.931468   -73.863477   -0.844066
-0.002605   -0.188658   -3.526775
0.42252   -3.931468   -73.863477   -0.844066
-0.002605   -0.575627   -4.948785
0.56337   -3.931468   -73.863477   -0.844066
-0.002605   -0.962329   -19.425012

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   14.525414   38.598627    1.020585
 0.002757    0.648339   69.267231
0.14084   14.525414   38.598627    1.020585
 0.002757    0.220433   89.600744
0.28168   14.525414   38.598627    1.020585
 0.002757    0.187349   112.019061
0.42252   14.525414   38.598627    1.020585
 0.002757    0.574672   146.181911
0.56337   14.525414   38.598627    1.020585
 0.002757    0.962409   185.921654

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -3.776980   -97.009002   -0.924570
-0.002758   -0.588486   -11.487513
0.14084   -3.776980   -97.009002   -0.924570
-0.002758   -0.202216   -7.542526
0.28168   -3.776980   -97.009002   -0.924570
-0.002758   -0.204255   -8.533714
0.42252   -3.776980   -97.009002   -0.924570
-0.002758   -0.633635   -11.951440
0.56337   -3.776980   -97.009002   -0.924570
-0.002758   -1.062015   -27.119586

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   12.485164   59.322634    1.716353
 0.002231    1.086723   58.500815
0.14084   12.485164   59.322634    1.716353
 0.002231    0.366397   85.511606
0.28168   12.485164   59.322634    1.716353
 0.002231    0.328199   114.443927
0.42252   12.485164   59.322634    1.716353
 0.002231    1.000731   150.627965
0.56337   12.485164   59.322634    1.716353
 0.002231    1.673123   190.298810

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -7.821725   -96.157422   -1.603593
-0.002232   -1.016824   -15.369637
0.14084   -7.821725   -96.157422   -1.603593
-0.002232   -0.344895   -26.776733
0.28168   -7.821725   -96.157422   -1.603593
-0.002232   -0.348472   -41.978210
0.42252   -7.821725   -96.157422   -1.603593
-0.002232   -1.070083   -58.844083
0.56337   -7.821725   -96.157422   -1.603593
-0.002232   -1.790256   -82.985671

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.551412   82.497523    1.426233
 0.000810    0.900859    3.101239
0.14084    0.551412   82.497523    1.426233
 0.000810    0.302331    6.127220
0.28168    0.551412   82.497523    1.426233
 0.000810    0.283771    9.247304
0.42252    0.551412   82.497523    1.426233
 0.000810    0.859906   12.391773
0.56337    0.551412   82.497523    1.426233
 0.000810    1.435761   15.558963
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3639

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -9.754130   -7.591256   -1.373515
-0.000810   -0.868107   -26.229944
0.14084   -9.754130   -7.591256   -1.373515
-0.000810   -0.292096   -60.643253
0.28168   -9.754130   -7.591256   -1.373515
-0.000810   -0.293471   -95.060835
0.42252   -9.754130   -7.591256   -1.373515
-0.000810   -0.892226   -129.570246
0.56337   -9.754130   -7.591256   -1.373515
-0.000810   -1.490434   -164.150244

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    1.353845  136.760011    2.101575
 0.003905    1.329225   82.407146
0.14084    1.353845  136.760011    2.101575
 0.003905    0.449487   70.247323
0.28168    1.353845  136.760011    2.101575
 0.003905    0.415451   59.574789
0.42252    1.353845  136.760011    2.101575
 0.003905    1.259692   66.599678
0.56337    1.353845  136.760011    2.101575
 0.003905    2.105021   81.854432

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -16.637193   -39.295749   -2.016112
-0.003906   -1.276830   -27.705928
0.14084  -16.637193   -39.295749   -2.016112
-0.003906   -0.433759   -58.780151
0.28168  -16.637193   -39.295749   -2.016112
-0.003906   -0.431438   -93.725870
0.42252  -16.637193   -39.295749   -2.016112
-0.003906   -1.312764   -132.068424
0.56337  -16.637193   -39.295749   -2.016112
-0.003906   -2.194319   -188.227711

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    6.722259  111.587887    2.199766
 0.003248    1.388578   70.207574
0.14084    6.722259  111.587887    2.199766
 0.003248    0.466307   76.727437
0.28168    6.722259  111.587887    2.199766
 0.003248    0.432174   83.926742
0.42252    6.722259  111.587887    2.199766
 0.003248    1.307370   103.904700
0.56337    6.722259  111.587887    2.199766
 0.003248    2.182822   129.713624

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -13.404346   -63.459650   -2.088194
-0.003249   -1.319826   -24.972203
0.14084  -13.404346   -63.459650   -2.088194
-0.003249   -0.445506   -53.148273
0.28168  -13.404346   -63.459650   -2.088194
-0.003249   -0.452652   -84.202342
0.42252  -13.404346   -63.459650   -2.088194
-0.003249   -1.375776   -117.689849
0.56337  -13.404346   -63.459650   -2.088194
-0.003249   -2.298860   -163.702928

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   12.492567   96.287175    1.998535
 0.003013    1.223900   61.928059
0.14084   12.492567   96.287175    1.998535
 0.003013    0.425638   77.079694
0.28168   12.492567   96.287175    1.998535
 0.003013    0.387022   93.947138
0.42252   12.492567   96.287175    1.998535
 0.003013    1.175028   121.549613
0.56337   12.492567   96.287175    1.998535
 0.003013    1.963114   154.974643
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3640

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -11.307835   -81.151286   -1.879739
-0.003013   -1.189990   -27.931172
0.14084  -11.307835   -81.151286   -1.879739
-0.003013   -0.402780   -49.747550
0.28168  -11.307835   -81.151286   -1.879739
-0.003013   -0.406284   -75.355026
0.42252  -11.307835   -81.151286   -1.879739
-0.003013   -1.247491   -103.737174
0.56337  -11.307835   -81.151286   -1.879739
-0.003013   -2.086229   -143.142860

COMB     DB ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    7.805038   84.348878    1.426066
 0.004362    0.900746   62.910478
0.14084    7.805038   84.348878    1.426066
 0.004362    0.302828   71.677219
0.28168    7.805038   84.348878    1.426066
 0.004362    0.296560   87.310830
0.42252    7.805038   84.348878    1.426066
 0.004362    0.897589   113.763139
0.56337    7.805038   84.348878    1.426066
 0.004362    1.498578   144.017058

COMB     DB ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -10.821167   -72.267392   -1.433218
-0.004363   -0.905391   -17.747251
0.14084  -10.821167   -72.267392   -1.433218
-0.004363   -0.304350   -27.856228
0.28168  -10.821167   -72.267392   -1.433218
-0.004363   -0.295234   -44.549516
0.42252  -10.821167   -72.267392   -1.433218
-0.004363   -0.893234   -64.500389
0.56337  -10.821167   -72.267392   -1.433218
-0.004363   -1.491227   -99.851658

COMB     DL ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   14.525414  136.760011    2.199766
 0.003905    1.388578   82.407146
0.14084   14.525414  136.760011    2.199766
 0.003905    0.466307   97.919237
0.28168   14.525414  136.760011    2.199766
 0.003905    0.432174   129.249441
0.42252   14.525414  136.760011    2.199766
 0.003905    1.307370   169.085738
0.56337   14.525414  136.760011    2.199766
 0.003905    2.182822   213.066887

COMB     DL ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -16.637193  -106.799000   -2.088194
-0.003906   -1.319826   -27.931172
0.14084  -16.637193  -106.799000   -2.088194
-0.003906   -0.445506   -60.643253
0.28168  -16.637193  -106.799000   -2.088194
-0.003906   -0.452652   -95.060835
0.42252  -16.637193  -106.799000   -2.088194
-0.003906   -1.375776   -132.068424
0.56337  -16.637193  -106.799000   -2.088194
-0.003906   -2.298860   -188.227711

COMB     CAR ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   14.525414  136.760011    2.199766
 0.004362    1.388578   82.407146
0.14084   14.525414  136.760011    2.199766
 0.004362    0.466307   97.919237
0.28168   14.525414  136.760011    2.199766
 0.004362    0.432174   129.249441
0.42252   14.525414  136.760011    2.199766
 0.004362    1.307370   169.085738
0.56337   14.525414  136.760011    2.199766
 0.004362    2.182822   213.066887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3641

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -16.637193  -106.799000   -2.088194
-0.004363   -1.319826   -27.931172
0.14084  -16.637193  -106.799000   -2.088194
-0.004363   -0.445506   -60.643253
0.28168  -16.637193  -106.799000   -2.088194
-0.004363   -0.452652   -95.060835
0.42252  -16.637193  -106.799000   -2.088194
-0.004363   -1.375776   -132.068424
0.56337  -16.637193  -106.799000   -2.088194
-0.004363   -2.298860   -188.227711

COMB     DESIGN ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000   14.525414  136.760011    2.199766
 0.004362    1.388578   82.407146
0.14084   14.525414  136.760011    2.199766
 0.004362    0.466307   97.919237
0.28168   14.525414  136.760011    2.199766
 0.004362    0.432174   129.249441
0.42252   14.525414  136.760011    2.199766
 0.004362    1.307370   169.085738
0.56337   14.525414  136.760011    2.199766
 0.004362    2.182822   213.066887

COMB     DESIGN ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000  -16.637193  -106.799000   -2.088194
-0.004363   -1.319826   -27.931172
0.14084  -16.637193  -106.799000   -2.088194
-0.004363   -0.445506   -60.643253
0.28168  -16.637193  -106.799000   -2.088194
-0.004363   -0.452652   -95.060835
0.42252  -16.637193  -106.799000   -2.088194
-0.004363   -1.375776   -132.068424
0.56337  -16.637193  -106.799000   -2.088194
-0.004363   -2.298860   -188.227711

ELEM      346 ================== LENGTH
=     2.976630

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    2.556051    2.939802    0.085817
 0.000989    0.098377    3.824818
0.57755    2.556051    2.939802    0.085817
 0.000989    0.062085    3.009714
0.71837    2.556051    2.939802    0.085817
 0.000989    0.026071    2.918271
0.85918    2.556051    2.939802    0.085817
 0.000989    0.010357    3.654882
1.00000    2.556051    2.939802    0.085817
 0.000989    0.067723    7.529820

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -0.820724  -19.551702   -0.122450
-0.000536   -0.137599   -25.790136
0.57755   -0.820724  -19.551702   -0.122450
-0.000536   -0.086276   -17.595764
0.71837   -0.820724  -19.551702   -0.122450
-0.000536   -0.034924   -11.418304
0.85918   -0.820724  -19.551702   -0.122450
-0.000536   -0.013832    -9.632045
1.00000   -0.820724  -19.551702   -0.122450
-0.000536   -0.048071    -8.538188

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    6.148553    4.606565    0.164965
 0.001843    0.178621    5.988214
0.57755    6.148553    4.606565    0.164965
 0.001843    0.109328    4.140855
0.71837    6.148553    4.606565    0.164965
 0.001843    0.043572    2.462168
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3642

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
0.85918    6.148553    4.606565    0.164965
 0.001843    0.048296    3.388489
1.00000    6.148553    4.606565    0.164965
 0.001843    0.170879   12.809343

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -0.521957   -41.509871   -0.293119
-0.000881   -0.320632   -68.501534
0.57755   -0.521957   -41.509871   -0.293119
-0.000881   -0.198060   -51.711622
0.71837   -0.521957   -41.509871   -0.293119
-0.000881   -0.075349   -37.773489
0.85918   -0.521957   -41.509871   -0.293119
-0.000881   -0.028733   -31.492769
1.00000   -0.521957   -41.509871   -0.293119
-0.000881   -0.097894   -25.887496

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    6.786945   19.655223    0.319991
 0.001615    0.347055   43.624029
0.57755    6.786945   19.655223    0.319991
 0.001615    0.212815   35.430256
0.71837    6.786945   19.655223    0.319991
 0.001615    0.081468   27.522841
0.85918    6.786945   19.655223    0.319991
 0.001615    0.093050   21.757415
1.00000    6.786945   19.655223    0.319991
 0.001615    0.324988   25.924799

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -1.633927   -53.576380   -0.553174
-0.000648   -0.602470   -83.411952
0.57755   -1.633927   -53.576380   -0.553174
-0.000648   -0.396186   -61.396186
0.71837   -1.633927   -53.576380   -0.553174
-0.000648   -0.138672   -41.508679
0.85918   -1.633927   -53.576380   -0.553174
-0.000648   -0.055201   -28.016133
1.00000   -1.633927   -53.576380   -0.553174
-0.000648   -0.189394   -17.262031

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    8.843581   28.389842    0.656441
 0.003708    0.711487   56.674114
0.57755    8.843581   28.389842    0.656441
 0.003708    0.436241   45.581189
0.71837    8.843581   28.389842    0.656441
 0.003708    0.163404   38.285404
0.85918    8.843581   28.389842    0.656441
 0.003708    0.164365   48.822114
1.00000    8.843581   28.389842    0.656441
 0.003708    0.540086   76.820776

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -3.258734  -109.143490   -0.908679
-0.003781   -0.988899   -122.273369
0.57755   -3.258734  -109.143490   -0.908679
-0.003781   -0.608034   -77.072386
0.71837   -3.258734  -109.143490   -0.908679
-0.003781   -0.227142   -41.533453
0.85918   -3.258734  -109.143490   -0.908679
-0.003781   -0.116157   -23.490594
1.00000   -3.258734  -109.143490   -0.908679
-0.003781   -0.389086   -16.722624

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    3.838594    2.462784    0.106486
 0.000719    0.115190    3.796354
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                              3643

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
0.57755    3.838594    2.462784    0.106486
 0.000719    0.070506    3.093258
0.71837    3.838594    2.462784    0.106486
 0.000719    0.025847    2.519400
0.85918    3.838594    2.462784    0.106486
 0.000719    0.042952    2.470452
1.00000    3.838594    2.462784    0.106486
 0.000719    0.141677    6.062265

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -0.120848   -24.304356   -0.235435
-0.000112   -0.253071   -46.867045
0.57755   -0.120848   -24.304356   -0.235435
-0.000112   -0.154386   -37.233756
0.71837   -0.120848   -24.304356   -0.235435
-0.000112   -0.055705   -28.352405
0.85918   -0.120848   -24.304356   -0.235435
-0.000112   -0.018625   -22.067291
1.00000   -0.120848   -24.304356   -0.235435
-0.000112   -0.063348   -17.031074

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    7.232738   21.855016    0.394787
 0.003582    0.428080   51.381333
0.57755    7.232738   21.855016    0.394787
 0.003582    0.262561   43.090393
0.71837    7.232738   21.855016    0.394787
 0.003582    0.097045   39.669263
0.85918    7.232738   21.855016    0.394787
 0.003582    0.126137   56.456251
1.00000    7.232738   21.855016    0.394787
 0.003582    0.384486   78.199559

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -1.984876   -91.812340   -0.633151
-0.003881   -0.684411   -97.269115
0.57755   -1.984876   -91.812340   -0.633151
-0.003881   -0.411023   -58.855437
0.71837   -1.984876   -91.812340   -0.633151
-0.003881   -0.153655   -32.696235
0.85918   -1.984876   -91.812340   -0.633151
-0.003881   -0.071490   -19.319248
1.00000   -1.984876   -91.812340   -0.633151
-0.003881   -0.233855    -8.738407

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.43674    8.957196   21.628534    0.423327
 0.003999    0.458080   48.409351
0.57755    8.957196   21.628534    0.423327
 0.003999    0.281440   40.157266
0.71837    8.957196   21.628534    0.423327
 0.003999    0.103954   36.387915
0.85918    8.957196   21.628534    0.423327
 0.003999    0.130272   50.916577
1.00000    8.957196   21.628534    0.423327
 0.003999    0.409836   75.247865

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.43674   -1.919332   -99.500384   -0.681976
-0.003903   -0.740222   -110.260244
0.57755   -1.919332   -99.500384   -0.681976
-0.003903   -0.454366   -69.191871
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0.71837 -1.919332 -99.500384 -0.681976
-0.003903 -0.168458 -39.903349
0.85918 -1.919332 -99.500384 -0.681976
-0.003903 -0.075986 -26.795584
1.00000 -1.919332 -99.500384 -0.681976
-0.003903 -0.250781 -16.190457
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3644

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.343474	37.932704	0.834099
0.003190	0.903612	69.984255	
0.57755	8.343474	37.932704	0.834099
0.003190	0.553908	54.734725	
0.71837	8.343474	37.932704	0.834099
0.003190	0.204241	42.693839	
0.85918	8.343474	37.932704	0.834099
0.003190	0.197464	44.340370	
1.00000	8.343474	37.932704	0.834099
0.003190	0.656872	64.944959	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-4.331166	-99.399627	-1.106049
-0.003446	-1.201919	-117.918292	
0.57755	-4.331166	-99.399627	-1.106049
-0.003446	-0.736309	-76.746937	
0.71837	-4.331166	-99.399627	-1.106049
-0.003446	-0.274752	-43.874810	
0.85918	-4.331166	-99.399627	-1.106049
-0.003446	-0.146937	-22.970864	
1.00000	-4.331166	-99.399627	-1.106049
-0.003446	-0.494844	-18.539747	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.049555	42.314094	0.798693
0.000487	0.864696	60.553883	
0.57755	1.049555	42.314094	0.798693
0.000487	0.529918	42.891138	
0.71837	1.049555	42.314094	0.798693
0.000487	0.195140	25.279230	
0.85918	1.049555	42.314094	0.798693
0.000487	0.152041	8.043680	
1.00000	1.049555	42.314094	0.798693
0.000487	0.527743	2.196763	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-5.001664	-6.654332	-0.896669
-0.001228	-0.975960	-19.647643	
0.57755	-5.001664	-6.654332	-0.896669
-0.001228	-0.600127	-16.993974	
0.71837	-5.001664	-6.654332	-0.896669
-0.001228	-0.224294	-14.571714	
0.85918	-5.001664	-6.654332	-0.896669
-0.001228	-0.139645	-13.318835	
1.00000	-5.001664	-6.654332	-0.896669
-0.001228	-0.474417	-12.061600	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	5.193255	58.531390	1.143925
0.004189	1.239045	99.819227	
0.57755	5.193255	58.531390	1.143925
0.004189	0.759558	76.374063	
0.71837	5.193255	58.531390	1.143925
0.004189	0.280069	58.366752	
0.85918	5.193255	58.531390	1.143925
0.004189	0.242609	65.122880	
1.00000	5.193255	58.531390	1.143925
0.004189	0.788135	82.330015	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.015334	-89.729779	-1.322487
-0.006027	-1.438135	-80.328091	
0.57755	-7.015334	-89.729779	-1.322487
-0.006027	-0.883930	-43.170615	
0.71837	-7.015334	-89.729779	-1.322487
-0.006027	-0.329848	-19.113769	
0.85918	-7.015334	-89.729779	-1.322487
-0.006027	-0.203224	-10.880961	
1.00000	-7.015334	-89.729779	-1.322487
-0.006027	-0.678897	-12.851885	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3645

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	6.523561	58.422481	1.134801
0.003327	1.225296	100.696634	
0.57755	6.523561	58.422481	1.134801
0.003327	0.753642	77.136248	
0.71837	6.523561	58.422481	1.134801
0.003327	0.277947	57.821422	
0.85918	6.523561	58.422481	1.134801
0.003327	0.274455	66.134213	
1.00000	6.523561	58.422481	1.134801
0.003327	0.840816	66.836028	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-6.599743	-88.269928	-1.413307
-0.004429	-1.534908	-99.194662	
0.57755	-6.599743	-88.269928	-1.413307
-0.004429	-0.942602	-62.628728	
0.71837	-6.599743	-88.269928	-1.413307
-0.004429	-0.350421	-35.093467	
0.85918	-6.599743	-88.269928	-1.413307
-0.004429	-0.200340	-18.371555	
1.00000	-6.599743	-88.269928	-1.413307
-0.004429	-0.673385	-12.413136	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.006100	50.430949	1.007428
0.003390	1.091154	86.647004	
0.57755	8.006100	50.430949	1.007428
0.003390	0.668812	66.184100	
0.71837	8.006100	50.430949	1.007428
0.003390	0.246473	49.247225	
0.85918	8.006100	50.430949	1.007428
0.003390	0.232957	46.992688	
1.00000	8.006100	50.430949	1.007428
0.003390	0.772758	58.642522	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-5.625771	-88.797993	-1.299742
-0.003942	-1.411500	-109.410010	
0.57755	-5.625771	-88.797993	-1.299742
-0.003942	-0.866779	-72.827542	
0.71837	-5.625771	-88.797993	-1.299742
-0.003942	-0.322164	-45.505798	
0.85918	-5.625771	-88.797993	-1.299742
-0.003942	-0.177734	-29.122384	
1.00000	-5.625771	-88.797993	-1.299742
-0.003942	-0.597929	-21.795740	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.383744	6.292776	0.181979
0.001056	0.201143	8.971332	
0.57755	4.383744	6.292776	0.181979
0.001056	0.124470	6.801386	
0.71837	4.383744	6.292776	0.181979
0.001056	0.047401	4.768799	
0.85918	4.383744	6.292776	0.181979
0.001056	0.024873	3.314779	
1.00000	4.383744	6.292776	0.181979
0.001056	0.099848	10.811366	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.949060	-31.037335	-0.177497
-0.000528	0.197725	-45.954095	
0.57755	-0.949060	-31.037335	-0.177497
-0.000528	-0.123312	-33.063744	
0.71837	-0.949060	-31.037335	-0.177497
-0.000528	-0.048748	-20.942596	
0.85918	-0.949060	-31.037335	-0.177497
-0.000528	-0.027877	-11.035432	
1.00000	-0.949060	-31.037335	-0.177497
-0.000528	-0.103461	-7.303134	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3646

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	10.438162	8.939149	0.316033
0.001860	0.344828	11.843185	
0.57755	10.438162	8.939149	0.316033
0.001860	0.212504	8.267055	
0.71837	10.438162	8.939149	0.316033
0.001860	0.079461	5.113799	
0.85918	10.438162	8.939149	0.316033
0.001860	0.079372	3.299980	
1.00000	10.438162	8.939149	0.316033
0.001860	0.273763	16.509896	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.912857	-67.273741	-0.461858
-0.000794	-0.500978	-116.334350	
0.57755	-0.912857	-67.273741	-0.461858
-0.000794	0.307267	-88.400566	
0.71837	-0.912857	-67.273741	-0.461858
-0.000794	-0.113449	-61.453691	
0.85918	-0.912857	-67.273741	-0.461858
-0.000794	-0.050919	-37.508080	
1.00000	-0.912857	-67.273741	-0.461858
-0.000794	-0.184497	-26.082592	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.135608	21.146212	0.627979
0.001645	0.682279	42.855098	
0.57755	11.135608	21.146212	0.627979
0.001645	0.418933	34.517320	
0.71837	11.135608	21.146212	0.627979
0.001645	0.154428	27.793905	
0.85918	11.135608	21.146212	0.627979
0.001645	0.146044	23.375401	
1.00000	11.135608	21.146212	0.627979
0.001645	0.501404	36.220812	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-1.907526	-82.976432	-0.845146
-0.000628	-0.915693	-127.145759	
0.57755	-1.907526	-82.976432	-0.845146
-0.000628	-0.561504	-92.962991	
0.71837	-1.907526	-82.976432	-0.845146
-0.000628	-0.206524	-60.752176	
0.85918	-1.907526	-82.976432	-0.845146
-0.000628	-0.110394	-48.385205	
1.00000	-1.907526	-82.976432	-0.845146
-0.000628	-0.368814	-18.534870	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.115659	34.707149	1.130897
0.003098	1.225011	66.255201	
0.57755	12.115659	34.707149	1.130897
0.003098	0.750788	52.777505	
0.71837	12.115659	34.707149	1.130897
0.003098	0.276133	44.218541	
0.85918	12.115659	34.707149	1.130897
0.003098	0.238767	50.848847	
1.00000	12.115659	34.707149	1.130897
0.003098	0.795047	80.558481	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-4.529534	-125.536776	-1.332375
-0.003288	-1.443777	-153.894128	
0.57755	-4.529534	-125.536776	-1.332375
-0.003288	-0.885379	-102.282580	
0.71837	-4.529534	-125.536776	-1.332375
-0.003288	-0.327189	-57.707844	
0.85918	-4.529534	-125.536776	-1.332375
-0.003288	-0.196899	-27.183232	
1.00000	-4.529534	-125.536776	-1.332375
-0.003288	-0.669000	-17.887699	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3647

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	6.166121	3.457263	0.206053
0.000668	0.227791	4.676306	
0.57755	6.166121	3.457263	0.206053
0.000668	0.136239	3.285571	
0.71837	6.166121	3.457263	0.206053
0.000668	0.049109	1.969121	
0.85918	6.166121	3.457263	0.206053
0.000668	0.077954	2.144483	
1.00000	6.166121	3.457263	0.206053
0.000668	0.229372	7.780693	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.162302	-38.721978	-0.377327
-8.60E-05	-0.403288	-70.650584	
0.57755	-0.162302	-38.721978	-0.377327
-8.60E-05	-0.245073	-54.649998	
0.71837	-0.162302	-38.721978	-0.377327
-8.60E-05	-0.086750	-39.100379	
0.85918	-0.162302	-38.721978	-0.377327
-8.60E-05	-0.035169	-25.361271	
1.00000	-0.162302	-38.721978	-0.377327
-8.60E-05	-0.122020	-15.853498	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	9.399154	19.556874	0.711611
0.002891	0.768564	45.070083	
0.57755	9.399154	19.556874	0.711611
0.002891	0.470003	38.242285	
0.71837	9.399154	19.556874	0.711611
0.002891	0.171251	37.506825	
0.85918	9.399154	19.556874	0.711611
0.002891	0.183184	55.854283	
1.00000	9.399154	19.556874	0.711611
0.002891	0.572720	81.991278	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.117884	-104.436773	-0.939522
-0.003532	-1.009915	-115.514197	
0.57755	-2.117884	-104.436773	-0.939522
-0.003532	-0.616241	-72.875306	
0.71837	-2.117884	-104.436773	-0.939522
-0.003532	-0.223088	-39.433691	
0.85918	-2.117884	-104.436773	-0.939522
-0.003532	-0.129392	-20.776779	
1.00000	-2.117884	-104.436773	-0.939522
-0.003532	-0.423168	-8.438857	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.932535	21.636753	0.761213
0.003430	0.823984	45.702092	
0.57755	12.932535	21.636753	0.761213
0.003430	0.504391	37.834896	
0.71837	12.932535	21.636753	0.761213
0.003430	0.184187	35.439689	
0.85918	12.932535	21.636753	0.761213
0.003430	0.193390	50.501982	
1.00000	12.932535	21.636753	0.761213
0.003430	0.617146	79.988877	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-2.185485	-122.367950	-1.019080
-0.003596	-1.098384	-148.667704	
0.57755	-2.185485	-122.367950	-1.019080
-0.003596	-0.671437	-98.395414	
0.71837	-2.185485	-122.367950	-1.019080
-0.003596	-0.244524	-57.183144	
0.85918	-2.185485	-122.367950	-1.019080
-0.003596	-0.135271	-31.050385	
1.00000	-2.185485	-122.367950	-1.019080
-0.003596	-0.450392	-17.097951	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3648

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.635457	49.440181	1.371609
0.002693	1.484999	84.742613	
0.57755	11.635457	49.440181	1.371609
0.002693	0.909565	65.093085	
0.71837	11.635457	49.440181	1.371609
0.002693	0.332987	49.185309	
0.85918	11.635457	49.440181	1.371609
0.002693	0.287751	45.305916	
1.00000	11.635457	49.440181	1.371609
0.002693	0.962665	67.290584	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-6.272498	-116.032329	-1.614335
-0.003120	-1.748164	-147.408709	
0.57755	-6.272498	-116.032329	-1.614335
-0.003120	-1.071705	-99.573971	
0.71837	-6.272498	-116.032329	-1.614335
-0.003120	-0.394883	-57.768163	
0.85918	-6.272498	-116.032329	-1.614335
-0.003120	-0.239227	-26.603818	
1.00000	-6.272498	-116.032329	-1.614335
-0.003120	-0.812286	-20.319941	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.391841	69.321975	1.210186
0.000463	1.310065	93.227604	
0.57755	1.391841	69.321975	1.210186
0.000463	0.802680	64.362083	
0.71837	1.391841	69.321975	1.210186
0.000463	0.294545	35.676352	
0.85918	1.391841	69.321975	1.210186
0.000463	0.216140	8.360671	
1.00000	1.391841	69.321975	1.210186
0.000463	0.748879	3.347686	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.421727	-10.850762	-1.271009
-0.001327	-1.183200	-22.347087	
0.57755	-8.421727	-10.850762	-1.271009
-0.001327	-0.849506	-17.971613	
0.71837	-8.421727	-10.850762	-1.271009
-0.001327	-0.316656	-13.751494	
0.85918	-8.421727	-10.850762	-1.271009
-0.001327	-0.208896	-10.740034	
1.00000	-8.421727	-10.850762	-1.271009
-0.001327	-0.717758	-26.984934	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	5.799638	84.888740	1.787120
0.003880	1.931967	132.303813	
0.57755	5.799638	84.888740	1.787120
0.003880	1.182688	98.178056	
0.71837	5.799638	84.888740	1.787120
0.003880	0.433935	71.222940	
0.85918	5.799638	84.888740	1.787120
0.003880	0.342690	69.557791	
1.00000	5.799638	84.888740	1.787120
0.003880	1.124368	92.080247	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.853967	-96.530469	-1.880562
-0.006369	-2.039396	-84.738766	
0.57755	-10.853967	-96.530469	-1.880562
-0.006369	-1.251286	-45.603179	
0.71837	-10.853967	-96.530469	-1.880562
-0.006369	-0.464601	-17.880322	
0.85918	-10.853967	-96.530469	-1.880562
-0.006369	-0.320201	-9.501570	
1.00000	-10.853967	-96.530469	-1.880562
-0.006369	-1.062761	-24.946576	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3649

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.330728	80.058010	1.820518
0.003165	1.969001	124.515824	
0.57755	8.330728	80.058010	1.820518
0.003165	1.205467	92.176741	
0.71837	8.330728	80.058010	1.820518
0.003165	0.441633	65.762283	
0.85918	8.330728	80.058010	1.820518
0.003165	0.366085	60.003382	
1.00000	8.330728	80.058010	1.820518
0.003165	1.213140	79.490181	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.966369	-104.192113	-2.031392
-0.004849	-2.200488	-110.60216	
0.57755	-9.966369	-104.192113	-2.031392
-0.004849	-1.349204	-67.956063	
0.71837	-9.966369	-104.192113	-2.031392
-0.004849	-0.498428	-34.388667	
0.85918	-9.966369	-104.192113	-2.031392
-0.004849	-0.321877	-16.630350	
1.00000	-9.966369	-104.192113	-2.031392
-0.004849	-1.080867	-23.210545	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.630763	69.798979	1.618239
0.003306	1.750821	108.014430	
0.57755	11.630763	69.798979	1.618239
0.003306	1.072060	79.794911	
0.71837	11.630763	69.798979	1.618239
0.003306	0.392688	56.520945	
0.85918	11.630763	69.798979	1.618239
0.003306	0.340887	50.287056	
1.00000	11.630763	69.798979	1.618239
0.003306	1.128115	70.229851	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.513478	-113.995368	-1.886957
-0.004275	-2.042040	-141.969872	
0.57755	-8.513478	-113.995368	-1.886957
-0.004275	-1.251323	-95.099494	
0.71837	-8.513478	-113.995368	-1.886957
-0.004275	-0.460984	-56.529954	
0.85918	-8.513478	-113.995368	-1.886957
-0.004275	-0.285147	-31.516054	
1.00000	-8.513478	-113.995368	-1.886957
-0.004275	-0.960018	-30.545829	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.957196	58.531390	1.143925
0.004189	1.239045	100.696634	
0.57755	8.957196	58.531390	1.143925
0.004189	0.759558	77.136248	
0.71837	8.957196	58.531390	1.143925
0.004189	0.280069	58.366752	
0.85918	8.957196	58.531390	1.143925
0.004189	0.254455	65.122880	
1.00000	8.957196	58.531390	1.143925
0.004189	0.840816	82.330015	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.015334	-109.143490	-1.413307
-0.006027	-1.534908	-122.273369	
0.57755	-7.015334	-109.143490	-1.413307
-0.006027	-0.942602	-77.072386	
0.71837	-7.015334	-109.143490	-1.413307
-0.006027	-0.350421	-45.505798	
0.85918	-7.015334	-109.143490	-1.413307
-0.006027	-0.203224	-31.492769	
1.00000	-7.015334	-109.143490	-1.413307
-0.006027	-0.678897	-25.887496	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3650

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.932535	84.888740	1.820518
0.003880	1.969001	132.303813	
0.57755	12.932535	84.888740	1.820518
0.003880	1.205467	98.178056	
0.71837	12.932535	84.888740	1.820518
0.003880	0.441633	71.222940	
0.85918	12.932535	84.888740	1.820518
0.003880	0.366085	69.557791	
1.00000	12.932535	84.888740	1.820518
0.003880	1.213140	92.080247	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.853967	-125.536776	-2.031392
-0.006369	-2.200488	-153.894128	
0.57755	-10.853967	-125.536776	-2.031392
-0.006369	-1.349204	-102.282580	
0.71837	-10.853967	-125.536776	-2.031392
-0.006369	-0.498428	-61.453691	
0.85918	-10.853967	-125.536776	-2.031392
-0.006369	-0.321877	-37.508080	
1.00000	-10.853967	-125.536776	-2.031392
-0.006369	-1.080867	-30.545829	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.932535	84.888740	1.820518
0.004189	1.969001	132.303813	
0.57755	12.932535	84.888740	1.820518
0.004189	1.205467	98.178056	
0.71837	12.932535	84.888740	1.820518
0.004189	0.441633	71.222940	
0.85918	12.932535	84.888740	1.820518
0.004189	0.366085	69.557791	
1.00000	12.932535	84.888740	1.820518
0.004189	1.213140	92.080247	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.853967	-125.536776	-2.031392
-0.006369	-2.200488	-153.894128	
0.57755	-10.853967	-125.536776	-2.031392
-0.006369	-1.349204	-102.282580	
0.71837	-10.853967	-125.536776	-2.031392
-0.006369	-0.498428	-61.453691	
0.85918	-10.853967	-125.536776	-2.031392
-0.006369	-0.321877	-37.508080	
1.00000	-10.853967	-125.536776	-2.031392
-0.006369	-1.080867	-30.545829	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.932535	84.888740	1.820518
0.004189	1.969001	132.303813	
0.57755	12.932535	84.888740	1.820518
0.004189	1.205467	98.178056	
0.71837	12.932535	84.888740	1.820518
0.004189	0.441633	71.222940	
0.85918	12.932535	84.888740	1.820518
0.004189	0.366085	69.557791	
1.00000	12.932535	84.888740	1.820518
0.004189	1.213140	92.080247	

COMB DESIGN ---------- MIN

REL DIST	T	M2	M3	V3
0.43674	-10.853967	-125.536776		-2.031392
-0.006369	-2.200488	-153.894128		
0.57755	-10.853967	-125.536776		-2.031392
-0.006369	-1.349204	-102.282580		
0.71837	-10.853967	-125.536776		-2.031392
-0.006369	-0.498428	-61.453691		
0.85918	-10.853967	-125.536776		-2.031392
-0.006369	-0.321877	-37.508080		
1.00000	-10.853967	-125.536776		-2.031392
-0.006369	-1.080867	-30.545829		

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 347 ========== LENGTH = 2.977599

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	2.564512	2.985727		0.140531
0.000663	0.090686	7.535881		
0.14085	2.564512	2.985727		0.140531
0.000663	0.031749	15.587007		
0.28170	2.564512	2.985727		0.140531
0.000663	0.036514	23.712012		
0.42255	2.564512	2.985727		0.140531
0.000663	0.113785	31.866235		
0.56341	2.564512	2.985727		0.140531
0.000663	0.191035	40.034844		

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.827455	-19.499717		-0.184166
-0.000349	-0.117930	-8.538466		
0.14085	-0.827455	-19.499717		-0.184166
-0.000349	-0.040668	-7.734805		
0.28170	-0.827455	-19.499717		-0.184166
-0.000349	-0.027226	-7.254301		
0.42255	-0.827455	-19.499717		-0.184166
-0.000349	-0.086139	-7.000280		
0.56341	-0.827455	-19.499717		-0.184166
-0.000349	-0.145050	-6.942157		

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.058141	6.058848		0.237353
0.001344	0.157096	12.828320		
0.14085	6.058141	6.058848		0.237353
0.001344	0.057593	26.991880		
0.28170	6.058141	6.058848		0.237353
0.001344	0.072553	42.244783		
0.42255	6.058141	6.058848		0.237353
0.001344	0.208757	58.316919		
0.56341	6.058141	6.058848		0.237353
0.001344	0.344921	74.740673		

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.627152	-39.615788		-0.324589
-0.000613	-0.200208	-25.886058		
0.14085	-0.627152	-39.615788		-0.324589
-0.000613	-0.064248	-20.950384		
0.28170	-0.627152	-39.615788		-0.324589
-0.000613	-0.046643	-16.868756		
0.42255	-0.627152	-39.615788		-0.324589
-0.000613	-0.143276	-13.886876		
0.56341	-0.627152	-39.615788		-0.324589
-0.000613	-0.242759	-12.576573		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.772327	19.410500		0.398917
0.001579	0.250145	25.940023		
0.14085	6.772327	19.410500		0.398917
0.001579	0.082842	39.965223		
0.28170	6.772327	19.410500		0.398917
0.001579	0.136051	55.977703		
0.42255	6.772327	19.410500		0.398917
0.001579	0.189779	72.084701		
0.56341	6.772327	19.410500		0.398917
0.001579	0.623454	100.351570		

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-1.625098	-53.430883		-0.580942
-0.000435	-0.351187	-17.259725		
0.14085	-1.625098	-53.430883		-0.580942
-0.000435	-0.107509	-14.853429		
0.28170	-1.625098	-53.430883		-0.580942
-0.000435	-0.086310	-16.551318		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P M2	V2 M3	V3
0.42255	-1.625098	-53.430883		-0.580942
-0.000435	-0.251302	-20.672255		
0.56341	-1.625098	-53.430883		-0.580942
-0.000435	-0.419125	-25.690565		

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	7.001161	57.001313		0.726108
0.004170	0.444048	76.957232		
0.14085	7.001161	57.001313		0.726108
0.004170	0.139525	85.863310		
0.28170	7.001161	57.001313		0.726108
0.004170	0.227861	96.430549		
0.42255	7.001161	57.001313		0.726108
0.004170	0.633464	123.297315		
0.56341	7.001161	57.001313		0.726108
0.004170	1.039060	154.484591		

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-5.082153	-75.229730		-0.967032
-0.002818	-0.593142	-16.713265		
0.14085	-5.082153	-75.229730		-0.967032
-0.002818	-0.190182	-18.704690		
0.28170	-5.082153	-75.229730		-0.967032
-0.002818	-0.166530	-24.242014		
0.42255	-5.082153	-75.229730		-0.967032
-0.002818	-0.469543	-32.850496		
0.56341	-5.082153	-75.229730		-0.967032
-0.002818	-0.774088	-51.818962		

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	3.827744	2.434280		0.119758
0.000614	0.075698	6.069470		
0.14085	3.827744	2.434280		0.119758
0.000614	0.025457	12.158685		
0.28170	3.827744	2.434280		0.119758
0.000614	0.051733	20.823610		
0.42255	3.827744	2.434280		0.119758
0.000614	0.135715	30.587332		
0.56341	3.827744	2.434280		0.119758
0.000614	0.219695	40.498122		

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.133055	-24.095573		-0.200221
-8.59E-05	-0.116295	-17.029121		
0.14085	-0.133055	-24.095573		-0.200221
-8.59E-05	-0.032394	-12.833883		
0.28170	-0.133055	-24.095573		-0.200221
-8.59E-05	-0.027122	-10.311679		
0.42255	-0.133055	-24.095573		-0.200221
-8.59E-05	-0.074947	-8.673922		
0.56341	-0.133055	-24.095573		-0.200221
-8.59E-05	-0.125223	-7.698182		

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	4.627603	61.041435		0.420856
0.004735	0.256086	78.382235		
0.14085	4.627603	61.041435		0.420856
0.004735	0.079561	66.509652		
0.28170	4.627603	61.041435		0.420856
0.004735	0.150161	56.860372		
0.42255	4.627603	61.041435		0.420856
0.004735	0.404980	69.287624		
0.56341	4.627603	61.041435		0.420856
0.004735	0.659815	87.621622		

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-4.388649	-44.911108		-0.607602
-0.003087	-0.373092	-8.733291		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P M2	V2 M3	V3
0.14085	-4.388649	-44.911108		-0.607602
-0.003087	-0.121907	-7.517246		
0.28170	-4.388649	-44.911108		-0.607602
-0.003087	-0.099057	-10.668189		
0.42255	-4.388649	-44.911108		-0.607602
-0.003087	-0.273450	-17.658515		
0.56341	-4.388649	-44.911108		-0.607602
-0.003087	-0.449967	-38.704372		

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.610313	57.045899		0.480880
0.004797	0.298088	75.418825		
0.14085	6.610313	57.045899		0.480880
0.004797	0.096387	71.574253		
0.28170	6.610313	57.045899		0.480880
0.004797	0.164749	69.822566		
0.42255	6.610313	57.045899		0.480880
0.004797	0.467339	87.396878		
0.56341	6.610313	57.045899		0.480880
0.004797	0.740482	111.453536		

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-4.097319	-57.092681		-0.686309
-0.003044	-0.423141	-16.185908		
0.14085	-4.097319	-57.092681		-0.686309
-0.003044	-0.138561	-14.149467		
0.28170	-4.097319	-57.092681		-0.686309
-0.003044	-0.106742	-16.022698		
0.42255	-4.097319	-57.092681		-0.686309
-0.003044	-0.306953	-21.201007		
0.56341	-4.097319	-57.092681		-0.686309
-0.003044	-0.508641	-39.130054		

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.884790	61.134566		0.885757
0.003610	0.538816	65.056290		
0.14085	6.884790	61.134566		0.885757
0.003610	0.167288	74.998983		
0.28170	6.884790	61.134566		0.885757
0.003610	0.275955	87.089924		
0.42255	6.884790	61.134566		0.885757
0.003610	0.761683	113.413149		
0.56341	6.884790	61.134566		0.885757
0.003610	1.247374	143.263580		

COMB DB-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-5.864547	-71.947816		-1.158051
-0.002604	-0.703432	-18.526201		
0.14085	-5.864547	-71.947816		-1.158051
-0.002604	-0.219882	-24.177766		
0.28170	-5.864547	-71.947816		-1.158051
-0.002604	-0.205396	-34.609223		
0.42255	-5.864547	-71.947816		-1.158051
-0.002604	-0.575657	-47.145343		
0.56341	-5.864547	-71.947816		-1.158051
-0.002604	-0.947149	-68.238718		

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	1.156215	42.425303		0.807214
0.000413	0.483689	42.153470		
0.14085	1.156215	42.425303		0.807214
0.000413	0.145119	3.144371		
0.28170	1.156215	42.425303		0.807214
0.000413	0.230950	4.347233		
0.42255	1.156215	42.425303		0.807214
0.000413	0.639357	5.629830		
0.56341	1.156215	42.425303		0.807214
0.000413	1.047764	7.032015		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-5.174227	-6.825498		-0.973789
-0.001129	-0.585882	-12.046724		
0.14085	-5.174227	-6.825498		-0.973789
-0.001129	-0.177487	-29.080062		
0.28170	-5.174227	-6.825498		-0.973789
-0.001129	-0.193406	-46.429500		
0.42255	-5.174227	-6.825498		-0.973789
-0.001129	-0.531947	-64.016199		
0.56341	-5.174227	-6.825498		-0.973789
-0.001129	-0.870492	-81.695743		

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	2.167880	106.456571		1.160165
0.005201	0.695235	82.536232		
0.14085	2.167880	106.456571		1.160165
0.005201	0.208632	62.343546		
0.28170	2.167880	106.456571		1.160165
0.005201	0.338055	47.895851		
0.42255	2.167880	106.456571		1.160165
0.005201	0.934406	53.023646		
0.56341	2.167880	106.456571		1.160165
0.005201	1.530778	66.457520		

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-10.150395	-33.185915		-1.421961
-0.004861	-0.871182	-12.831205		
0.14085	-10.150395	-33.185915		-1.421961
-0.004861	-0.277212	-31.200507		
0.28170	-10.150395	-33.185915		-1.421961
-0.004861	-0.277994	-50.542048		
0.42255	-10.150395	-33.185915		-1.421961
-0.004861	-0.764485	-73.930146		
0.56341	-10.150395	-33.185915		-1.421961
-0.004861	-1.251059	-113.976746		

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	4.468133	91.226449		1.160954
0.004232	0.695920	66.983998		
0.14085	4.468133	91.226449		1.160954
0.004232	0.208979	59.358091		
0.28170	4.468133	91.226449		1.160954
0.004232	0.356457	55.875127		
0.42255	4.468133	91.226449		1.160954
0.004232	0.980098	71.310268		
0.56341	4.468133	91.226449		1.160954
0.004232	1.603747	91.635258		

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-8.782003	-49.474643		-1.487004
-0.003600	-0.902156	-12.393736		
0.14085	-8.782003	-49.474643		-1.487004
-0.003600	-0.281483	-29.240339		
0.28170	-8.782003	-49.474643		-1.487004
-0.003600	-0.278017	-50.205862		
0.42255	-8.782003	-49.474643		-1.487004
-0.003600	-0.764791	-74.038982		
0.56341	-8.782003	-49.474643		-1.487004
-0.003600	-1.251696	-109.280765		

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.307001	77.550751		1.049549
0.003958	0.636016	58.769728		
0.14085	6.307001	77.550751		1.049549
0.003958	0.195809	58.439507		
0.28170	6.307001	77.550751		1.049549
0.003958	0.324015	61.667766		
0.42255	6.307001	77.550751		1.049549
0.003958	0.890875	81.108763		
0.56341	6.307001	77.550751		1.049549
0.003958	1.457737	104.455098		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-7.435581	-56.648517		-1.351598
-0.003178	-0.819173	-21.778714		
0.14085	-7.435581	-56.648517		-1.351598
-0.003178	-0.254821	-33.368497		
0.28170	-7.435581	-56.648517		-1.351598
-0.003178	-0.246548	-48.546472		
0.42255	-7.435581	-56.648517		-1.351598
-0.003178	-0.684534	-66.559423		
0.56341	-7.435581	-56.648517		-1.351598
-0.003178	-1.124722	-94.643844		

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	4.378864	6.261583		0.230000
0.000683	0.142982	10.821171		
0.14085	4.378864	6.261583		0.230000
0.000683	0.046860	22.610814		
0.28170	4.378864	6.261583		0.230000
0.000683	0.051507	34.986701		
0.42255	4.378864	6.261583		0.230000
0.000683	0.155695	47.549729		
0.56341	4.378864	6.261583		0.230000
0.000683	0.264820	60.337209		

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.953593	-31.033284		-0.254011
-0.000315	-0.161510	-9.207812		
0.14085	-0.953593	-31.033284		-0.254011
-0.000315	-0.054734	-9.929018		
0.28170	-0.953593	-31.033284		-0.254011
-0.000315	-0.047859	-11.321088		
0.42255	-0.953593	-31.033284		-0.254011
-0.000315	-0.145334	-13.006429		
0.56341	-0.953593	-31.033284		-0.254011
-0.000315	-0.241827	-14.915387		

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	10.348716	9.800111		0.411578
0.001311	0.258323	16.532291		
0.14085	10.348716	9.800111		0.411578
0.001311	0.085963	38.989805		
0.28170	10.348716	9.800111		0.411578
0.001311	0.108808	63.522201		
0.42255	10.348716	9.800111		0.411578
0.001311	0.306256	89.067584		
0.56341	10.348716	9.800111		0.411578
0.001311	0.503616	115.534393		

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.984487	-65.853190		-0.470433
-0.000504	-0.285953	-26.087378		
0.14085	-0.984487	-65.853190		-0.470433
-0.000504	-0.080380	-22.589395		
0.28170	-0.984487	-65.853190		-0.470433
-0.000504	-0.084532	-21.451464		
0.42255	-0.984487	-65.853190		-0.470433
-0.000504	-0.258186	-22.219896		
0.56341	-0.984487	-65.853190		-0.470433
-0.000504	-0.431056	-24.190557		

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	11.088847	20.766751		0.729192
0.001513	0.445840	36.251544		
0.14085	11.088847	20.766751		0.729192
0.001513	0.139128	62.850328		
0.28170	11.088847	20.766751		0.729192
0.001513	0.201292	92.524118		
0.42255	11.088847	20.766751		0.729192
0.001513	0.555398	125.306761		
0.56341	11.088847	20.766751		0.729192
0.001513	0.909313	158.959173		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-1.900272	-82.601614		-0.843327
-0.000390	-0.505781	-18.539443		
0.14085	-1.900272	-82.601614		-0.843327
-0.000390	-0.151234	-17.046480		
0.28170	-1.900272	-82.601614		-0.843327
-0.000390	-0.161502	-21.234239		
0.42255	-1.900272	-82.601614		-0.843327
-0.000390	-0.469146	-27.215548		
0.56341	-1.900272	-82.601614		-0.843327
-0.000390	-0.775706	-33.857357		

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	10.626660	58.041048		1.218412
0.003557	0.737266	80.604453		
0.14085	10.626660	58.041048		1.218412
0.003557	0.226396	101.994631		
0.28170	10.626660	58.041048		1.218412
0.003557	0.326537	126.462160		
0.42255	10.626660	58.041048		1.218412
0.003557	0.903465	161.084658		
0.56341	10.626660	58.041048		1.218412
0.003557	1.480654	201.089387		

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-6.093506	-98.853430		-1.376233
-0.002095	-0.835608	-17.881849		
0.14085	-6.093506	-98.853430		-1.376233
-0.002095	-0.259473	-22.152451		
0.28170	-6.093506	-98.853430		-1.376233
-0.002095	-0.280935	-31.574973		
0.42255	-6.093506	-98.853430		-1.376233
-0.002095	-0.793310	-44.132397		
0.56341	-6.093506	-98.853430		-1.376233
-0.002095	-1.304786	-66.112738		

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	6.138562	3.369179		0.244991
0.000593	0.150448	7.795731		
0.14085	6.138562	3.369179		0.244991
0.000593	0.049061	19.584621		
0.28170	6.138562	3.369179		0.244991
0.000593	0.078832	33.670244		
0.42255	6.138562	3.369179		0.244991
0.000593	0.204266	48.443039		
0.56341	6.138562	3.369179		0.244991
0.000593	0.329703	63.733636		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.176331	-38.290354		-0.299003
-6.62E-05	-0.171830	-15.855765		
0.14085	-0.176331	-38.290354		-0.299003
-6.62E-05	-0.046341	-11.856350		
0.28170	-0.176331	-38.290354		-0.299003
-6.62E-05	-0.053697	-9.773397		
0.42255	-0.176331	-38.290354		-0.299003
-6.62E-05	-0.166722	-9.210562		
0.56341	-0.176331	-38.290354		-0.299003
-6.62E-05	-0.259793	-9.370067		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	7.073079	55.116060		0.757388
0.004220	0.457366	82.045889		
0.14085	7.073079	55.116060		0.757388
0.004220	0.140282	82.309245		
0.28170	7.073079	55.116060		0.757388
0.004220	0.216263	85.102212		
0.42255	7.073079	55.116060		0.757388
0.004220	0.584011	102.416693		
0.56341	7.073079	55.116060		0.757388
0.004220	0.951731	127.402150		

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-4.424455	-63.152618		-0.877805
-0.002355	-0.531915	-8.434725		
0.14085	-4.424455	-63.152618		-0.877805
-0.002355	-0.166156	-7.133574		
0.28170	-4.424455	-63.152618		-0.877805
-0.002355	-0.176250	-10.581556		
0.42255	-4.424455	-63.152618		-0.877805
-0.002355	-0.494016	-17.722130		
0.56341	-4.424455	-63.152618		-0.877805
-0.002355	-0.811778	-39.040994		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	10.815875	53.798624		0.849543
0.004342	0.517884	80.047462		
0.14085	10.815875	53.798624		0.849543
0.004342	0.161898	90.829571		
0.28170	10.815875	53.798624		0.849543
0.004342	0.237585	104.321222		
0.42255	10.815875	53.798624		0.849543
0.004342	0.655212	131.208332		
0.56341	10.815875	53.798624		0.849543
0.004342	1.062460	164.834769		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-4.276090	-84.906262		-0.983896
-0.002357	-0.598243	-16.097240		
0.14085	-4.276090	-84.906262		-0.983896
-0.002357	-0.187610	-15.075716		
0.28170	-4.276090	-84.906262		-0.983896
-0.002357	-0.191791	-18.551730		
0.42255	-4.276090	-84.906262		-0.983896
-0.002357	-0.549180	-25.373962		
0.56341	-4.276090	-84.906262		-0.983896
-0.002357	-0.905593	-45.131023		

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	10.419741	68.867281		1.455046
0.003104	0.878046	67.326743		
0.14085	10.419741	68.867281		1.455046
0.003104	0.267152	89.429836		
0.28170	10.419741	68.867281		1.455046
0.003104	0.394031	114.166520		
0.42255	10.419741	68.867281		1.455046
0.003104	1.083277	147.745641		
0.56341	10.419741	68.867281		1.455046
0.003104	1.772018	185.696544		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-7.609944	-93.871538		-1.642835
-0.002053	-0.990108	-20.301712		
0.14085	-7.609944	-93.871538		-1.642835
-0.002053	-0.301989	-32.141763		
0.28170	-7.609944	-93.871538		-1.642835
-0.002053	-0.338384	-48.345586		
0.42255	-7.609944	-93.871538		-1.642835

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-0.002053   -0.950216  -67.002248
0.56341    -7.609944  -93.871538   -1.642835
-0.002053   -1.560837  -93.615161

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    1.470957    69.624648    1.229368
 0.000373    0.735939    3.339599
0.14085    1.470957    69.624648    1.229368
 0.000373    0.219511    5.763640
0.28170    1.470957    69.624648    1.229368
 0.000373    0.323987    8.313945
0.42255    1.470957    69.624648    1.229368
 0.000373    0.894450    11.282576
0.56341    1.470957    69.624648    1.229368
 0.000373    1.464725    15.523298
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3658

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -8.540223   -11.098392   -1.359902
-0.001197   -0.816612   -26.956827
0.14085   -8.540223   -11.098392   -1.359902
-0.001197   -0.246267   -54.932556
0.28170   -8.540223   -11.098392   -1.359902
-0.001197   -0.293188   -83.054550
0.42255   -8.540223   -11.098392   -1.359902
-0.001197   -0.809665   -11.767857
0.56341   -8.540223   -11.098392   -1.359902
-0.001197   -1.325427   -140.781158

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    2.649197    135.959876    1.805405
 0.005275    1.081891    92.120916
0.14085    2.649197    135.959876    1.805405
 0.005275    0.325897    75.774601
0.28170    2.649197    135.959876    1.805405
 0.005275    0.473972    62.860462
0.42255    2.649197    135.959876    1.805405
 0.005275    1.311816    67.028968
0.56341    2.649197    135.959876    1.805405
 0.005275    2.150305    81.863752

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.265982   -38.895183   -2.000328
-0.004500   -1.220894   -24.911559
0.14085   -14.265982   -38.895183   -2.000328
-0.004500   -0.386099   -54.238097
0.28170   -14.265982   -38.895183   -2.000328
-0.004500   -0.431221   -85.125599
0.42255   -14.265982   -38.895183   -2.000328
-0.004500   -1.188611   -121.408437
0.56341   -14.265982   -38.895183   -2.000328
-0.004500   -1.945643   -176.998096

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    6.057385    116.836707    1.866051
 0.004368    1.118214    79.532678
0.14085    6.057385    116.836707    1.866051
 0.004368    0.335759    79.606489
0.28170    6.057385    116.836707    1.866051
 0.004368    0.502964    83.039300
0.42255    6.057385    116.836707    1.866051
 0.004368    1.381336    100.697005
0.56341    6.057385    116.836707    1.866051
 0.004368    2.259719    125.801333

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -12.452445   -62.506253   -2.095439
-0.003472   -1.266609   -23.117871
0.14085   -12.452445   -62.506253   -2.095439
-0.003472   -0.390267   -50.281067
0.28170   -12.452445   -62.506253   -2.095439
-0.003472   -0.443617   -80.936501
0.42255   -12.452445   -62.506253   -2.095439
-0.003472   -1.227136   -114.601017
0.56341   -12.452445   -62.506253   -2.095439
-0.003472   -2.009834   -162.583045

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.727388    100.290449    1.695489
 0.004088    1.021725    70.273918
0.14085    9.727388    100.290449    1.695489
 0.004088    0.310876    79.552045
0.28170    9.727388    100.290449    1.695489
 0.004088    0.460236    92.497295
0.42255    9.727388    100.290449    1.695489
 0.004088    1.261671    117.576667
0.56341    9.727388    100.290449    1.695489
 0.004088    2.063070    149.174798
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3659

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.578807   -79.183945   -1.911867
-0.003051   -1.153394   -30.520406
0.14085   -10.578807   -79.183945   -1.911867
-0.003051   -0.353646   -51.095955
0.28170   -10.578807   -79.183945   -1.911867
-0.003051   -0.397019   -75.677714
0.42255   -10.578807   -79.183945   -1.911867
-0.003051   -1.109238   -103.371974
0.56341   -10.578807   -79.183945   -1.911867
-0.003051   -1.820484   -143.188394

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    7.001161    106.456571    1.160954
 0.005201    0.695920    82.536232
0.14085    7.001161    106.456571    1.160954
 0.005201    0.208979    85.863310
0.28170    7.001161    106.456571    1.160954
 0.005201    0.356457    96.430549
0.42255    7.001161    106.456571    1.160954
 0.005201    0.980098    123.297315
0.56341    7.001161    106.456571    1.160954
 0.005201    1.603747    154.484591

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -10.150395   -75.229730   -1.487004
-0.004861   -0.902156   -25.886058
0.14085   -10.150395   -75.229730   -1.487004
-0.004861   -0.281483   -33.368497
0.28170   -10.150395   -75.229730   -1.487004
-0.004861   -0.276017   -50.542048
0.42255   -10.150395   -75.229730   -1.487004
-0.004861   -0.764791   -74.038982
0.56341   -10.150395   -75.229730   -1.487004
-0.004861   -1.251696   -113.976746

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    11.088847    135.959876    1.866051
 0.005275    1.118214    92.120916
0.14085    11.088847    135.959876    1.866051
 0.005275    0.335759    101.994631
0.28170    11.088847    135.959876    1.866051
 0.005275    0.502964    126.462160
0.42255    11.088847    135.959876    1.866051
 0.005275    1.381336    161.084658
0.56341    11.088847    135.959876    1.866051
 0.005275    2.259719    201.089387

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.265982   -98.853430   -2.095439
-0.004500   -1.266609   -30.520406
0.14085   -14.265982   -98.853430   -2.095439
-0.004500   -0.390267   -54.932556
0.28170   -14.265982   -98.853430   -2.095439
-0.004500   -0.443617   -85.125599
0.42255   -14.265982   -98.853430   -2.095439
-0.004500   -1.227136   -121.408437
0.56341   -14.265982   -98.853430   -2.095439
-0.004500   -2.009834   -176.998096

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    11.088847    135.959876    1.866051
 0.005275    1.118214    92.120916
0.14085    11.088847    135.959876    1.866051
 0.005275    0.335759    101.994631
0.28170    11.088847    135.959876    1.866051
 0.005275    0.502964    126.462160
0.42255    11.088847    135.959876    1.866051
 0.005275    1.381336    161.084658
0.56341    11.088847    135.959876    1.866051
 0.005275    2.259719    201.089387
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3660

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.265982   -98.853430   -2.095439
-0.004861   -1.266609   -30.520406
0.14085   -14.265982   -98.853430   -2.095439
-0.004861   -0.390267   -54.932556
0.28170   -14.265982   -98.853430   -2.095439
-0.004861   -0.443617   -85.125599
0.42255   -14.265982   -98.853430   -2.095439
-0.004861   -1.227136   -121.408437
0.56341   -14.265982   -98.853430   -2.095439
-0.004861   -2.009834   -176.998096

COMB       DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    11.088847    135.959876    1.866051
 0.005275    1.118214    92.120916
0.14085    11.088847    135.959876    1.866051
 0.005275    0.335759    101.994631
0.28170    11.088847    135.959876    1.866051
 0.005275    0.502964    126.462160
0.42255    11.088847    135.959876    1.866051
 0.005275    1.381336    161.084658
0.56341    11.088847    135.959876    1.866051
 0.005275    2.259719    201.089387

COMB       DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -14.265982   -98.853430   -2.095439
-0.004861   -1.266609   -30.520406
0.14085   -14.265982   -98.853430   -2.095439
-0.004861   -0.390267   -54.932556
0.28170   -14.265982   -98.853430   -2.095439
-0.004861   -0.443617   -85.125599
0.42255   -14.265982   -98.853430   -2.095439
-0.004861   -1.227136   -121.408437
0.56341   -14.265982   -98.853430   -2.095439
-0.004861   -2.009834   -176.998096

ELEM      348 ================== LENGTH
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COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    2.694573    2.415307    0.101728
0.001155    0.117940    3.228383
0.57739    2.694573    2.415307    0.101728
0.001155    0.075262    2.420173
0.71826    2.694573    2.415307    0.101728
0.001155    0.032612    3.410537
0.85913    2.694573    2.415307    0.101728
0.001155    0.025513    5.931088
1.00000    2.694573    2.415307    0.101728
0.001155    0.113005    10.665708

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -1.088858   -16.639846   -0.208407
-0.000152   -0.236709   -21.294794
0.57739   -1.088858   -16.639846   -0.208407
-0.000152   -0.149288   -21.797549
0.71826   -1.088858   -16.639846   -0.208407
-0.000152   -0.061867   -22.377141
0.85913   -1.088858   -16.639846   -0.208407
-0.000152   -0.012418   -23.020849
1.00000   -1.088858   -16.639846   -0.208407
-0.000152   -0.052740   -23.728899

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    3.651514    10.881341    0.185169
 0.002130    0.207875    12.121671
0.57739    3.651514    10.881341    0.185169
 0.002130    0.131587    8.356046
0.71826    3.651514    10.881341    0.185169
 0.002130    0.055624    5.975617
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3661

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.85913    3.651514    10.881341    0.185169
 0.002130    0.054808    8.594469
1.00000    3.651514    10.881341    0.185169
 0.002130    0.224467    16.884048

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -4.485992   -32.986057   -0.404406
-0.000310   -0.454336   -46.065395
0.57739   -4.485992   -32.986057   -0.404406
-0.000310   -0.284888   -42.925778
0.71826   -4.485992   -32.986057   -0.404406
-0.000310   -0.115574   -42.375479
0.85913   -4.485992   -32.986057   -0.404406
-0.000310   -0.025321   -42.862173
1.00000   -4.485992   -32.986057   -0.404406
-0.000310   -0.102726   -44.219482

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    3.784492    52.986984    0.269979
 0.001768    0.302805    112.714206
0.57739    3.784492    52.986984    0.269979
 0.001768    0.190124    91.001017
0.71826    3.784492    52.986984    0.269979
 0.001768    0.078791    70.070785
0.85913    3.784492    52.986984    0.269979
 0.001768    0.087964    53.654315
1.00000    3.784492    52.986984    0.269979
 0.001768    0.363824    42.904086

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -7.285334   -38.651209   -0.657161
-0.000133   -0.738937   -58.988254
0.57739   -7.285334   -38.651209   -0.657161
-0.000133   -0.463252   -52.189336
0.71826   -7.285334   -38.651209   -0.657161
-0.000133   -0.187555   -46.687504
0.85913   -7.285334   -38.651209   -0.657161
-0.000133   -0.036656   -41.302470
1.00000   -7.285334   -38.651209   -0.657161
-0.000133   -0.150062   -36.377875

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    8.945220    54.377145    0.537969
 0.004740    0.602405    116.175034
0.57739    8.945220    54.377145    0.537969
 0.004740    0.377202    94.714911
0.71826    8.945220    54.377145    0.537969
 0.004740    0.153118    79.608276
0.85913    8.945220    54.377145    0.537969
 0.004740    0.144982    83.160884
1.00000    8.945220    54.377145    0.537969
 0.004740    0.556650    102.194889

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -6.982064   -105.803021   -0.982442
-0.003873   -1.096039   -106.881893
0.57739   -6.982064   -105.803021   -0.982442
-0.003873   -0.687780   -71.920930
0.71826   -6.982064   -105.803021   -0.982442
-0.003873   -0.279598   -49.698890
0.85913   -6.982064   -105.803021   -0.982442
-0.003873   -0.082463   -34.776181
1.00000   -6.982064   -105.803021   -0.982442
-0.003873   -0.300201   -33.664285

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    0.764987    19.906513    0.110488
 0.000752    0.123592    31.862429
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3662

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.57739    0.764987    19.906513    0.110488
 0.000752    0.077183    24.063905
0.71826    0.764987    19.906513    0.110488
 0.000752    0.030819    17.020215
0.85913    0.764987    19.906513    0.110488
 0.000752    0.035525    11.828779
1.00000    0.764987    19.906513    0.110488
 0.000752    0.140276    9.349650

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -4.360764   -16.620382   -0.249652
-1.22E-05   -0.278666   -30.760535
0.57739   -4.360764   -16.620382   -0.249652
-1.22E-05   -0.173939   -25.045309
0.71826   -4.360764   -16.620382   -0.249652
-1.22E-05   -0.069209   -21.004550
0.85913   -4.360764   -16.620382   -0.249652
-1.22E-05   -0.015338   -17.353633
1.00000   -4.360764   -16.620382   -0.249652
-1.22E-05   -0.061751   -14.642902

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    5.218768    59.571179    0.290971
 0.005080    0.325794    135.661671
0.57739    5.218768    59.571179    0.290971
 0.005080    0.200617    111.737423
0.71826    5.218768    59.571179    0.290971
 0.005080    0.081505    95.665861
0.85913    5.218768    59.571179    0.290971
 0.005080    0.110495    98.417521
1.00000    5.218768    59.571179    0.290971
 0.005080    0.385914    104.408750

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -6.675480   -80.244366   -0.657514
-0.004405   -0.722879   -98.641673
0.57739   -6.675480   -80.244366   -0.657514
-0.004405   -0.452383   -38.247495
0.71826   -6.675480   -80.244366   -0.657514
-0.004405   -0.181871   -25.299671
0.85913   -6.675480   -80.244366   -0.657514
-0.004405   -0.051312   -18.363161
1.00000   -6.675480   -80.244366   -0.657514
-0.004405   -0.162358   -12.575470

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    6.242634    55.604371    0.340647
 0.005466    0.381706    123.659151
0.57739    6.242634    55.604371    0.340647
 0.005466    0.238653    101.805421
0.71826    6.242634    55.604371    0.340647
 0.005466    0.095717    86.950687
0.85913    6.242634    55.604371    0.340647
 0.005466    0.121212    89.433060
1.00000    6.242634    55.604371    0.340647
 0.005466    0.440561    100.376049

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -7.654175   -85.895383   -0.762020
-0.003981   -0.843169   -78.849220
0.57739   -7.654175   -85.895383   -0.762020
-0.003981   -0.528229   -52.208117
0.71826   -7.654175   -85.895383   -0.762020
-0.003981   -0.213346   -41.047215
0.85913   -7.654175   -85.895383   -0.762020
-0.003981   -0.056745   -35.328188
1.00000   -7.654175   -85.895383   -0.762020
-0.003981   -0.189774   -30.646396
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3663

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    8.931263    61.790581    0.681112
 0.003837    0.762043    124.225683
0.57739    8.931263    61.790581    0.681112
 0.003837    0.476181    99.760902
0.71826    8.931263    61.790581    0.681112
 0.003837    0.190417    80.252368
0.85913    8.931263    61.790581    0.681112
 0.003837    0.162774    73.928930
1.00000    8.931263    61.790581    0.681112
 0.003837    0.638676    86.603266

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -7.844111   -105.374151   -1.135752
-0.003524   -1.270622   -120.289307
0.57739   -7.844111   -105.374151   -1.135752
-0.003524   -0.797265   -83.569258
0.71826   -7.844111   -105.374151   -1.135752
-0.003524   -0.324058   -57.194196
0.85913   -7.844111   -105.374151   -1.135752
-0.003524   -0.101472   -34.391897
1.00000   -7.844111   -105.374151   -1.135752
-0.003524   -0.380773   -31.226839

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    5.343340    30.670609    0.666382
 7.11E-06    0.744687    42.842950
0.57739    5.343340    30.670609    0.666382
 7.11E-06    0.465139    30.081237
0.71826    5.343340    30.670609    0.666382
 7.11E-06    0.185621    17.467645
0.85913    5.343340    30.670609    0.666382
 7.11E-06    0.107976    5.513249
1.00000    5.343340    30.670609    0.666382
 7.11E-06    0.457530    2.830562

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -3.048097   -40.352443   -0.834313
-0.001390   -0.942544   -79.877596
0.57739   -3.048097   -40.352443   -0.834313
-0.001390   -0.592710   -62.990610
0.71826   -3.048097   -40.352443   -0.834313
-0.001390   -0.242953   -46.129121
0.85913   -3.048097   -40.352443   -0.834313
-0.001390   -0.093990   -29.282823
1.00000   -3.048097   -40.352443   -0.834313
-0.001390   -0.373552   -13.061291

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    11.733860    53.998155    0.927616
 0.005467    1.037190    107.295073
0.57739    11.733860    53.998155    0.927616
 0.005467    0.648037    85.772079
0.71826    11.733860    53.998155    0.927616
 0.005467    0.258911    73.472965
0.85913    11.733860    53.998155    0.927616
 0.005467    0.189646    83.442449
1.00000    11.733860    53.998155    0.927616
 0.005467    0.719027    101.919511

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -4.387096   -125.831286   -1.264502
-0.006984   -1.409910   -131.575823
0.57739   -4.387096   -125.831286   -1.264502
-0.006984   -0.885812   -81.467551
0.71826   -4.387096   -125.831286   -1.264502
-0.006984   -0.362127   -50.948617
0.85913   -4.387096   -125.831286   -1.264502
-0.006984   -0.143821   -27.640777
1.00000   -4.387096   -125.831286   -1.264502
-0.006984   -0.519413   -13.596241
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                  MOVING                LOAD                >
                                          3664

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    10.054550    79.377389    0.905805
 0.004035    1.012794    158.231842
0.57739    10.054550    79.377389    0.905805
 0.004035    0.632710    125.850106
0.71826    10.054550    79.377389    0.905805
 0.004035    0.252757    99.914660
0.85913    10.054550    79.377389    0.905805
 0.004035    0.197296    90.199816
1.00000    10.054550    79.377389    0.905805
 0.004035    0.770015    89.693198

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -7.736828   -113.148831   -1.367042
-0.005106   -1.528874   -137.781087
0.57739   -7.736828   -113.148831   -1.367042
-0.005106   -0.959755   -92.257610
0.71826   -7.736828   -113.148831   -1.367042
-0.005106   -0.390968   -60.215004
0.85913   -7.736828   -113.148831   -1.367042
-0.005106   -0.136325   -33.206059
1.00000   -7.736828   -113.148831   -1.367042
-0.005106   -0.507132   -14.914540

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    9.347356    69.942486    0.823442
 0.004049    0.920883    134.209120
0.57739    9.347356    69.942486    0.823442
 0.004049    0.575298    106.216236
0.71826    9.347356    69.942486    0.823442
 0.004049    0.229869    83.878827
0.85913    9.347356    69.942486    0.823442
 0.004049    0.185560    75.486298
1.00000    9.347356    69.942486    0.823442
 0.004049    0.727721    78.402010

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -8.639570   -105.760560   -1.293813
-0.004232   -1.447445   -131.701000
0.57739   -8.639570   -105.760560   -1.293813
-0.004232   -0.908296   -93.402359
0.71826   -8.639570   -105.760560   -1.293813
-0.004232   -0.369417   -67.220316
0.85913   -8.639570   -105.760560   -1.293813
-0.004232   -0.122858   -45.194270
1.00000   -8.639570   -105.760560   -1.293813
-0.004232   -0.460788   -30.506800

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    4.630321    5.349885    0.191032
0.001259    0.216722    6.419584
0.57739    4.630321    5.349885    0.191032
0.001259    0.136418    5.153635
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0.71826      4.630321     5.349885     0.191032
0.001259     0.056171     4.516267
0.85913      4.630321     5.349885     0.191032
0.001259     0.035834     7.390276
1.00000      4.630321     5.349885     0.191032
0.001259     0.155417    14.362565

COMB DL-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -1.223544   -23.279717    -0.284910
-0.000143    -0.322150    -41.701549
0.57739     -1.223544   -23.279717    -0.284910
-0.000143    -0.202557    -35.276403
0.71826     -1.223544   -23.279717    -0.284910
-0.000143    -0.082967    -29.189028
0.85913     -1.223544   -23.279717    -0.284910
-0.000143    -0.022876    -26.343978
1.00000     -1.223544   -23.279717    -0.284910
-0.000143    -0.101841    -26.627845
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3665

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      5.799698    14.582947     0.327992
 0.002141     0.370643    15.609017
0.57739      5.799698    14.582947     0.327992
 0.002141     0.322473    14.677617
0.71826      5.799698    14.582947     0.327992
 0.002141     0.094701     7.241677
0.85913      5.799698    14.582947     0.327992
 0.002141     0.083488     9.632796
1.00000      5.799698    14.582947     0.327992
 0.002141     0.337273    20.722410

COMB DL-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -4.305365   -44.313006    -0.604078
-0.000251    -0.676050    -81.551714
0.57739     -4.305365   -44.313006    -0.604078
-0.000251    -0.422576    -68.296405
0.71826     -4.305365   -44.313006    -0.604078
-0.000251    -0.168882    -55.978086
0.85913     -4.305365   -44.313006    -0.604078
-0.000251    -0.041579    -48.045090
1.00000     -4.305365   -44.313006    -0.604078
-0.000251    -0.178253    -46.744639

COMB DL-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      5.856522    49.116657     0.546765
 0.001820     0.614463   107.033492
0.57739      5.856522    49.116657     0.546765
 0.001820     0.384278    88.478412
0.71826      5.856522    49.116657     0.546765
 0.001820     0.154483    70.861392
0.85913      5.856522    49.116657     0.546765
 0.001820     0.113127    57.966242
1.00000      5.856522    49.116657     0.546765
 0.001820     0.533329    53.707592

COMB DL-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -6.511364   -51.584430    -0.956309
-0.000141    -1.070933    -89.282764
0.57739     -6.511364   -51.584430    -0.956309
-0.000141    -0.669352    -73.033116
0.71826     -6.511364   -51.584430    -0.956309
-0.000141    -0.267593    -57.207309
0.85913     -6.511364   -51.584430    -0.956309
-0.000141    -0.071170    -44.887271
1.00000     -6.511364   -51.584430    -0.956309
-0.000141    -0.300675    -38.944264

COMB DL-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      9.806934    54.705121     0.957613
 0.004038     1.072473   118.951558
0.57739      9.806934    54.705121     0.957613
 0.004038     0.670187    98.868423
0.71826      9.806934    54.705121     0.957613
 0.004038     0.268164    84.686070
0.85913      9.806934    54.705121     0.957613
 0.004038     0.200077    86.334065
1.00000      9.806934    54.705121     0.957613
 0.004038     0.780812   105.705716

COMB DL-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -6.900182  -105.254831    -1.383183
-0.003351    -1.545863  -125.313226
0.57739     -6.900182  -105.254831    -1.383183
-0.003351    -0.961704    -98.551429
0.71826     -6.900182  -105.254831    -1.383183
-0.003351    -0.389506    -57.267189
0.85913     -6.900182  -105.254831    -1.383183
-0.003351    -0.139992    -37.897322
1.00000     -6.900182  -105.254831    -1.383183
-0.003351    -0.533065    -36.075173
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3666

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      0.875078    17.131023     0.184155
 0.000692     0.205650    28.088517
0.57739      0.875078    17.131023     0.184155
 0.000692     0.128216    21.726952
0.71826      0.875078    17.131023     0.184155
 0.000692     0.050556    15.744602
0.85913      0.875078    17.131023     0.184155
 0.000692     0.057128    10.831579
1.00000      0.875078    17.131023     0.184155
 0.000692     0.221098    10.228148

COMB DL-G2-1 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -3.765651   -21.515277    -0.389841
-7.54E-06    -0.432963    -39.020387
0.57739     -3.765651   -21.515277    -0.389841
-7.54E-06    -0.269400    -31.500981
0.71826     -3.765651   -21.515277    -0.389841
-7.54E-06    -0.106510    -24.195711
0.85913     -3.765651   -21.515277    -0.389841
-7.54E-06    -0.024966    -17.588470
1.00000     -3.765651   -21.515277    -0.389841
-7.54E-06    -0.102374    -14.133870

COMB DL-G2-2 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      4.904916    51.462750     0.561581
 0.004387     0.626276   125.609645
0.57739      4.904916    51.462750     0.561581
 0.004387     0.390668   106.584219
0.71826      4.904916    51.462750     0.561581
 0.004387     0.154905    94.921434
0.85913      4.904916    51.462750     0.561581
 0.004387     0.148979    98.082982
1.00000      4.904916    51.462750     0.561581
 0.004387     0.536573   105.634050

COMB DL-G2-2 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -5.776086   -78.085906    -0.924015
-0.004073    -1.022774   -73.661009
0.57739     -5.776086   -78.085906    -0.924015
-0.004073    -0.638800    -43.857790
0.71826     -5.776086   -78.085906    -0.924015
-0.004073    -0.254533    -27.739319
0.85913     -5.776086   -78.085906    -0.924015
-0.004073    -0.093071    -18.113581
1.00000     -5.776086   -78.085906    -0.924015
-0.004073    -0.316554    -11.560143

COMB DL-G2-3 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      7.061043    50.155309     0.639898
 0.004925     0.715507   116.611408
0.57739      7.061043    50.155309     0.639898
 0.004925     0.446781    98.509351
0.71826      7.061043    50.155309     0.639898
 0.004925     0.178037    87.024000
0.85913      7.061043    50.155309     0.639898
 0.004925     0.167571    89.870850
1.00000      7.061043    50.155309     0.639898
 0.004925     0.621968   103.520543

COMB DL-G2-3 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -6.796521   -89.409811    -1.082528
-0.003687    -1.202466  -101.737823
0.57739     -6.796521   -89.409811    -1.082528
-0.003687    -0.751352    -69.449916
0.71826     -6.796521   -89.409811    -1.082528
-0.003687    -0.300079    -49.539415
0.85913     -6.796521   -89.409811    -1.082528
-0.003687    -0.100474    -36.412763
1.00000     -6.796521   -89.409811    -1.082528
-0.003687    -0.357987    -30.980883
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3667

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      9.021404    63.366431     1.156020
 0.003297     1.292639   127.506838
0.57739      9.021404    63.366431     1.156020
 0.003297     0.807204   103.339158
0.71826      9.021404    63.366431     1.156020
 0.003297     0.321744    83.576445
0.85913      9.021404    63.366431     1.156020
 0.003297     0.229030    74.383476
1.00000      9.021404    63.366431     1.156020
 0.003297     0.904707    89.115793

COMB DL-G2-4 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -8.124987  -103.857138    -1.609460
-0.003187    -1.800928  -131.919072
0.57739     -8.124987  -103.857138    -1.609460
-0.003187    -1.127412    -92.564676
0.71826     -8.124987  -103.857138    -1.609460
-0.003187    -0.453932    -60.821911
0.85913     -8.124987  -103.857138    -1.609460
-0.003187    -0.166999    -34.568424
1.00000     -8.124987  -103.857138    -1.609460
-0.003187    -0.645354    -32.508057

COMB DL-G3-1 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      4.668553    43.065069     1.030291
 4.24E-06     1.151763    55.277725
0.57739      4.668553    43.065069     1.030291
 4.24E-06     0.719281    37.439318
0.71826      4.668553    43.065069     1.030291
 4.24E-06     0.286866    19.869544
0.85913      4.668553    43.065069     1.030291
 4.24E-06     0.155068     5.115606
1.00000      4.668553    43.065069     1.030291
 4.24E-06     0.647281     3.398705

COMB DL-G3-1 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -4.931100   -36.221553    -1.173212
-0.001506    -1.321453    -70.909699
0.57739     -4.931100   -36.221553    -1.173212
-0.001506    -0.829369    -55.883493
0.71826     -4.931100   -36.221553    -1.173212
-0.001506    -0.337328    -41.057750
0.85913     -4.931100   -36.221553    -1.173212
-0.001506    -0.143528    -28.821623
1.00000     -4.931100   -36.221553    -1.173212
-0.001506    -0.575537    -26.452517

COMB DL-G3-2 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      10.821081    65.089330     1.489405
 0.005452     1.663500   119.679743
0.57739      10.821081    65.089330     1.489405
 0.005452     1.038861    94.326111
0.71826      10.821081    65.089330     1.489405
 0.005452     0.414299    79.353777
0.85913      10.821081    65.089330     1.489405
 0.005452     0.260055    86.839017
1.00000      10.821081    65.089330     1.489405
 0.005452     0.993136   108.912058

COMB DL-G3-2 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -6.382885  -118.494384    -1.749342
-0.007451    -1.954940  -120.979383
0.57739     -6.382885  -118.494384    -1.749342
-0.007451    -1.226575    -73.006263
0.71826     -6.382885  -118.494384    -1.749342
-0.007451    -0.498286    -44.291872
0.85913     -6.382885  -118.494384    -1.749342
-0.007451    -0.230456    -26.706440
1.00000     -6.382885  -118.494384    -1.749342
-0.007451    -0.836919    -23.742718
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3668

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      9.398609    81.984758     1.502686
 0.004174     1.678267   157.960335
0.57739      9.398609    81.984758     1.502686
 0.004174     1.047772   125.913530
0.71826      9.398609    81.984758     1.502686
 0.004174     0.417117   101.358111
0.85913      9.398609    81.984758     1.502686
 0.004174     0.276967    93.578262
1.00000      9.398609    81.984758     1.502686
 0.004174     1.078306   100.589125

COMB DL-G3-3 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -8.785192  -111.471030    -1.910498
-0.005655    -2.136269  -128.689151
0.57739     -8.785192  -111.471030    -1.910498
-0.005655    -1.338593    -84.123720
0.71826     -8.785192  -111.471030    -1.910498
-0.005655    -0.540906    -53.496753
0.85913     -8.785192  -111.471030    -1.910498
-0.005655    -0.224955    -31.161584
1.00000     -8.785192  -111.471030    -1.910498
-0.005655    -0.842250    -22.912763

COMB DL-G3-4 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652      9.381146    73.086151     1.362233
 0.004220     1.522327   135.451277
0.57739      9.381146    73.086151     1.362233
 0.004220     0.950640   107.339733
0.71826      9.381146    73.086151     1.362233
 0.004220     0.378802    85.551367
0.85913      9.381146    73.086151     1.362233
 0.004220     0.265219    78.467973
1.00000      9.381146    73.086151     1.362233
 0.004220     1.034082    88.604345

COMB DL-G3-4 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -9.398662  -109.203232    -1.832830
-0.004698    -2.048737  -140.253870
0.57739     -9.398662  -109.203232    -1.832830
-0.004698    -1.282209    -98.285702
0.71826     -9.398662  -109.203232    -1.832830
-0.004698    -0.516949    -67.947401
0.85913     -9.398662  -109.203232    -1.832830
-0.004698    -0.201584    -44.938971
1.00000     -9.398662  -109.203232    -1.832830
-0.004698    -0.762219    -37.203469

COMB     DB ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652     11.733860    79.377389     0.927616
 0.005467     1.037190   158.231842
0.57739     11.733860    79.377389     0.927616
 0.005467     0.648037   125.850106
0.71826     11.733860    79.377389     0.927616
 0.005467     0.258911    99.914660
0.85913     11.733860    79.377389     0.927616
 0.005467     0.197296    98.417521
1.00000     11.733860    79.377389     0.927616
 0.005467     0.770015   104.408750

COMB     DB ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -8.639570  -125.831286    -1.367042
-0.006984    -1.528874  -137.781087
0.57739     -8.639570  -125.831286    -1.367042
-0.006984    -0.959755    -93.402359
0.71826     -8.639570  -125.831286    -1.367042
-0.006984    -0.390968    -67.220316
0.85913     -8.639570  -125.831286    -1.367042
-0.006984    -0.143021    -45.184270
1.00000     -8.639570  -125.831286    -1.367042
-0.006984    -0.519413    -44.219482
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3669

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     DL ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652     10.821081    81.984758     1.502686
 0.005452     1.678267   157.960335
0.57739     10.821081    81.984758     1.502686
 0.005452     1.047772   125.913530
0.71826     10.821081    81.984758     1.502686
 0.005452     0.417117   101.358111
0.85913     10.821081    81.984758     1.502686
 0.005452     0.276967    98.082982
1.00000     10.821081    81.984758     1.502686
 0.005452     1.078306   108.912058

COMB     DL ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -9.398662  -118.494384    -1.910498
-0.007451    -2.136269  -140.253870
0.57739     -9.398662  -118.494384    -1.910498
-0.007451    -1.338593    -98.285702
0.71826     -9.398662  -118.494384    -1.910498
-0.007451    -0.540906    -67.947401
0.85913     -9.398662  -118.494384    -1.910498
-0.007451    -0.230456    -48.045090
1.00000     -9.398662  -118.494384    -1.910498
-0.007451    -0.842250    -46.744639

COMB     CAR ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652     11.733860    81.984758     1.502686
 0.005467     1.678267   158.231842
0.57739     11.733860    81.984758     1.502686
 0.005467     1.047772   125.913530
0.71826     11.733860    81.984758     1.502686
 0.005467     0.417117   101.358111
0.85913     11.733860    81.984758     1.502686
 0.005467     0.276967    98.417521
1.00000     11.733860    81.984758     1.502686
 0.005467     1.078306   108.912058

COMB     CAR ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -9.398662  -125.831286    -1.910498
-0.007451    -2.136269  -140.253870
0.57739     -9.398662  -125.831286    -1.910498
-0.007451    -1.338593    -98.285702
0.71826     -9.398662  -125.831286    -1.910498
-0.007451    -0.540906    -67.947401
0.85913     -9.398662  -125.831286    -1.910498
-0.007451    -0.230456    -48.045090
1.00000     -9.398662  -125.831286    -1.910498
-0.007451    -0.842250    -46.744639

COMB DESIGN ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.43652     11.733860    81.984758     1.502686
 0.005467     1.678267   158.231842
0.57739     11.733860    81.984758     1.502686
 0.005467     1.047772   125.913530
0.71826     11.733860    81.984758     1.502686
 0.005467     0.417117   101.358111
0.85913     11.733860    81.984758     1.502686
 0.005467     0.276967    98.417521
1.00000     11.733860    81.984758     1.502686
 0.005467     1.078306   108.912058

COMB DESIGN ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.43652     -9.398662  -125.831286    -1.910498
-0.007451    -2.136269  -140.253870
0.57739     -9.398662  -125.831286    -1.910498
-0.007451    -1.338593    -98.285702
0.71826     -9.398662  -125.831286    -1.910498
-0.007451    -0.540906    -67.947401
0.85913     -9.398662  -125.831286    -1.910498
-0.007451    -0.230456    -48.045090
1.00000     -9.398662  -125.831286    -1.910498
-0.007451    -0.842250    -46.744639
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3670

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM       349 ================== LENGTH =    2.977112

COMB DB-G1-1 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.00000      2.665415     2.441102     0.151083
 0.000726     0.092261    10.673458
0.14083      2.665415     2.441102     0.151083
 0.000726     0.029181    17.199402
0.28167      2.665415     2.441102     0.151083
 0.000726     0.060940    23.984511
0.42250      2.665415     2.441102     0.151083
 0.000726     0.159816    30.824935
0.56334      2.665415     2.441102     0.151083
 0.000726     0.258683    37.688916

COMB DB-G1-1 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.00000     -1.083984   -16.459393    -0.235826
-6.55E-06    -0.136811    -23.732332
0.14083     -1.083984   -16.459393    -0.235826
-6.55E-06    -0.037930    -24.475687
0.28167     -1.083984   -16.459393    -0.235826
-6.55E-06    -0.034722    -25.244635
0.42250     -1.083984   -16.459393    -0.235826
-6.55E-06    -0.097893    -26.034338
0.56334     -1.083984   -16.459393    -0.235826
-6.55E-06    -0.161147    -26.874477

COMB DB-G1-2 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.00000      3.502018    12.425732     0.243014
 0.001507     0.148200    16.908139
0.14083      3.502018    12.425732     0.243014
 0.001507     0.047168    27.101799
0.28167      3.502018    12.425732     0.243014
 0.001507     0.111963    38.285717
0.42250      3.502018    12.425732     0.243014
 0.001507     0.285958    50.488491
0.56334      3.502018    12.425732     0.243014
 0.001507     0.459949    63.211563

COMB DB-G1-2 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.00000     -4.553091   -30.886500    -0.415539
-0.000177    -0.237105    -44.226304
0.14083     -4.553091   -30.886500    -0.415539
-0.000177    -0.062863    -46.210842
0.28167     -4.553091   -30.886500    -0.415539
-0.000177    -0.058837    -48.616482
0.42250     -4.553091   -30.886500    -0.415539
-0.000177    -0.160686    -51.738251
0.56334     -4.553091   -30.886500    -0.415539
-0.000177    -0.262471    -55.921935

COMB DB-G1-3 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.00000      3.742088    52.328034     0.322506
 0.001719     0.190634    42.907100
0.14083      3.742088    52.328034     0.322506
 0.001719     0.055513    44.903918
0.28167      3.742088    52.328034     0.322506
 0.001719     0.184025    53.784403
0.42250      3.742088    52.328034     0.322506
 0.001719     0.463484    64.266479
0.56334      3.742088    52.328034     0.322506
 0.001719     0.742968    75.310986

COMB DB-G1-3 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.00000     -7.222520   -38.434309    -0.666604
-5.90E-06    -0.375005    -36.376679
0.14083     -7.222520   -38.434309    -0.666604
-5.90E-06    -0.095463    -35.605883
0.28167     -7.222520   -38.434309    -0.666604
-5.90E-06    -0.081947    -50.926556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      3671

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P            V2           V3
          T          M2           M3
0.42250     -7.222520   -38.434309    -0.666604
-5.90E-06    -0.217163    -71.040508
0.56334     -7.222520   -38.434309    -0.666604
-5.90E-06    -0.352386    -92.175195

COMB DB-G1-4 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.00000      6.699209    88.281105     0.581503
 0.004596     0.334756   102.387765
0.14083      6.699209    88.281105     0.581503
 0.004596     0.097121   102.361018
0.28167      6.699209    88.281105     0.581503
 0.004596     0.280651   107.894583
0.42250      6.699209    88.281105     0.581503
 0.004596     0.708157   124.793515
0.56334      6.699209    88.281105     0.581503
 0.004596     1.135711   148.835344

COMB DB-G1-4 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.00000     -8.630095   -68.931583    -1.030396
-0.003655    -0.595158    -33.654713
0.14083     -8.630095   -68.931583    -1.030396
-0.003655    -0.163585    -36.375942
0.28167     -8.630095   -68.931583    -1.030396
-0.003655    -0.154654    -52.760434
0.42250     -8.630095   -68.931583    -1.030396
-0.003655    -0.398444    -72.811685
0.56334     -8.630095   -68.931583    -1.030396
-0.003655    -0.642257   -104.579810

COMB DB-G2-1 ------------------- MAX

REL DIST            P            V2           V3
          T          M2           M3
0.00000      0.757659    19.658011     0.109664
 0.000688     0.063381     9.352249
0.14083      0.757659    19.658011     0.109664
 0.000688     0.017452    11.431363
0.28167      0.757659    19.658011     0.109664
 0.000688     0.066888    14.877543
0.42250      0.757659    19.658011     0.109664
 0.000688     0.163869    19.942512
0.56334      0.757659    19.658011     0.109664
 0.000688     0.260861    26.631623

COMB DB-G2-1 ------------------- MIN

REL DIST            P            V2           V3
          T          M2           M3
0.00000     -4.336741   -16.538206    -0.231391
-8.87E-06    -0.127213    -14.643964
0.14083     -4.336741   -16.538206    -0.231391
-8.87E-06    -0.030292    -18.302934
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0.28167    -4.336741   -16.538206    -0.231391
-8.87E-06   -0.030921   -24.176414
0.42250    -4.336741   -16.538206    -0.231391
-8.87E-06   -0.076914   -31.292205
0.56334    -4.336741   -16.538206    -0.231391
-8.87E-06   -0.122893   -38.873930

COMB DB-G2-2 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    2.136730   105.985243    0.292661
 0.005367   0.165907   104.673757
0.14083    2.136730   105.985243    0.292661
 0.005367   0.051556    78.010597
0.28167    2.136730   105.985243    0.292661
 0.005367   0.180156    58.622274
0.42250    2.136730   105.985243    0.292661
 0.005367   0.446118    54.722202
0.56334    2.136730   105.985243    0.292661
 0.005367   0.712155    60.581095

COMB DB-G2-2 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -8.938574   -29.425265    -0.649101
-0.004590   -0.380272   -12.566319
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3672

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
          T          M2          M3
0.14083   -8.938574   -29.425265    -0.649101
-0.004590   -0.108790   -11.262884
0.28167   -8.938574   -29.425265    -0.649101
-0.004590   -0.081542   -28.025652
0.42250   -8.938574   -29.425265    -0.649101
-0.004590   -0.054294   -49.487382
0.56334   -8.938574   -29.425265    -0.649101
-0.004590   -0.327056   -86.900726

COMB DB-G2-3 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    3.437584    97.528256    0.369539
 0.005430   0.215170   100.622482
0.14083    3.437584    97.528256    0.369539
 0.005430   0.067931    82.257829
0.28167    3.437584    97.528256    0.369539
 0.005430   0.210403    70.355580
0.42250    3.437584    97.528256    0.369539
 0.005430   0.526470    72.396875
0.56334    3.437584    97.528256    0.369539
 0.005430   0.842581    83.238189

COMB DB-G2-3 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -9.690359   -39.895442    -0.767124
-0.004148   -0.447418   -30.641067
0.14083   -9.690359   -39.895442    -0.767124
-0.004148   -0.126380   -30.059350
0.28167   -9.690359   -39.895442    -0.767124
-0.004148   -0.096133   -46.220502
0.42250   -9.690359   -39.895442    -0.767124
-0.004148   -0.251094   -66.275497
0.56334   -9.690359   -39.895442    -0.767124
-0.004148   -0.406090  -100.766710

COMB DB-G2-4 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.124246    89.206572    0.701677
 0.003835   0.400504    86.753753
0.14083    7.124246    89.206572    0.701677
 0.003835   0.111384    92.739467
0.28167    7.124246    89.206572    0.701677
 0.003835   0.327563   104.276805
0.42250    7.124246    89.206572    0.701677
 0.003835   0.825475   125.266743
0.56334    7.124246    89.206572    0.701677
 0.003835   1.323438   152.136122

COMB DB-G2-4 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -9.179633   -75.676498    -1.196406
-0.003382   -0.313031   -31.213237
0.14083   -9.179633   -75.676498    -1.196406
-0.003382   -0.184161   -36.719430
0.28167   -9.179633   -75.676498    -1.196406
-0.003382   -0.189085   -56.300943
0.42250   -9.179633   -75.676498    -1.196406
-0.003382   -0.483299   -79.548794
0.56334   -9.179633   -75.676498    -1.196406
-0.003382   -0.777545  -112.513108

COMB DB-G3-1 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    5.382267    30.775629    0.660881
 2.03E-05   0.371392    2.827170
0.14083    5.382267    30.775629    0.660881
 2.03E-05   0.094360    6.166031
0.28167    5.382267    30.775629    0.660881
 2.03E-05   0.252727    22.735890
0.42250    5.382267    30.775629    0.660881
 2.03E-05   0.642453    39.646885
0.56334    5.382267    30.775629    0.660881
 2.03E-05   1.032188    56.638918
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3673

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -3.063937   -40.777671    -0.929558
-0.001277   -0.526789   -13.073718
0.14083   -3.063937   -40.777671    -0.929558
-0.001277   -0.137024   -23.298100
0.28167   -3.063937   -40.777671    -0.929558
-0.001277   -0.182799   -35.362472
0.42250   -3.063937   -40.777671    -0.929558
-0.001277   -0.459889   -47.994980
0.56334   -3.063937   -40.777671    -0.929558
-0.001277   -0.736981   -60.804277

COMB DB-G3-2 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    8.049611   111.309159    0.925769
 0.005455   0.520771   102.242268
0.14083    8.049611   111.309159    0.925769
 0.005455   0.142792    88.060912
0.28167    8.049611   111.309159    0.925769
 0.005455   0.373950    83.380934
0.42250    8.049611   111.309159    0.925769
 0.005455   0.946488    96.814887
0.56334    8.049611   111.309159    0.925769
 0.005455   1.519201   121.684370

COMB DB-G3-2 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -7.217580   -64.634301    -1.383727
-0.006974   -0.806107   -13.573672
0.14083   -7.217580   -64.634301    -1.383727
-0.006974   -0.226691   -26.991340
0.28167    -7.217580   -64.634301    -1.383727
-0.006974   -0.255627   -41.481260
0.42250    -7.217580   -64.634301    -1.383727
-0.006974   -0.643788   -61.092533
0.56334    -7.217580   -64.634301    -1.383727
-0.006974   -1.031941   -99.734118

COMB DB-G3-3 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.528930   118.248412    0.901741
 0.004353   0.506257   89.909064
0.14083    7.528930   118.248412    0.901741
 0.004353   0.135093   82.455903
0.28167    7.528930   118.248412    0.901741
 0.004353   0.400656   85.250714
0.42250    7.528930   118.248412    0.901741
 0.004353   1.009223   101.135757
0.56334    7.528930   118.248412    0.901741
 0.004353   1.617946   125.174245

COMB DB-G3-3 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -9.642387   -71.291012    -1.464066
-0.005060   -0.840642   -14.891126
0.14083   -9.642387   -71.291012    -1.464066
-0.005060   -0.227314   -24.621197
0.28167   -9.642387   -71.291012    -1.464066
-0.005060   -0.249869   -51.805301
0.42250   -9.642387   -71.291012    -1.464066
-0.005060   -0.627981   -82.515543
0.56334   -9.642387   -71.291012    -1.464066
-0.005060   -1.006140  -126.414005

COMB DB-G3-4 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.255289   101.995250    0.830375
 0.004117   0.471424   78.585993
0.14083    7.255289   101.995250    0.830375
 0.004117   0.129118   77.001062
0.28167    7.255289   101.995250    0.830375
 0.004117   0.375250   84.222052
0.42250    7.255289   101.995250    0.830375
 0.004117   0.945440   102.395153
0.56334    7.255289   101.995250    0.830375
 0.004117   1.515772   127.361787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3674

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -10.206371   -71.097342    -1.370387
-0.004193   -0.785158   -30.489370
0.14083   -10.206371   -71.097342    -1.370387
-0.004193   -0.211001   -39.262845
0.28167   -10.206371   -71.097342    -1.370387
-0.004193   -0.227569   -62.146967
0.42250   -10.206371   -71.097342    -1.370387
-0.004193   -0.574498   -88.632750
0.56334   -10.206371   -71.097342    -1.370387
-0.004193   -0.922700  -126.299509

COMB DL-G1-1 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    4.588408    5.335395    0.238636
0.000752   0.140682   14.374435
0.14083    4.588408    5.335395    0.238636
0.000752   0.041383   22.750801
0.28167    4.588408    5.335395    0.238636
0.000752   0.082000   31.453448
0.42250    4.588408    5.335395    0.238636
0.000752   0.213283   40.509922
0.56334    4.588408    5.335395    0.238636
0.000752   0.344853   49.766184

COMB DL-G1-1 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -1.210188   -23.046451    -0.313350
-3.81E-06   -0.180425   -26.634062
0.14083   -1.210188   -23.046451    -0.313350
-3.81E-06   -0.049765   -27.575879
0.28167   -1.210188   -23.046451    -0.313350
-3.81E-06   -0.058504   -28.765329
0.42250   -1.210188   -23.046451    -0.313350
-3.81E-06   -0.158379   -30.319636
0.56334   -1.210188   -23.046451    -0.313350
-3.81E-06   -0.258833   -32.140394

COMB DL-G1-2 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    5.668386   15.326925    0.398530
 0.001515   0.233739   20.744931
0.14083    5.668386   15.326925    0.398530
 0.001515   0.068306   35.100279
0.28167    5.668386   15.326925    0.398530
 0.001515   0.162713   50.753777
0.42250    5.668386   15.326925    0.398530
 0.001515   0.410014   67.535422
0.56334    5.668386   15.326925    0.398530
 0.001515   0.657226   84.833181

COMB DL-G1-2 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -4.334940   -42.882558    -0.589704
-0.000106   -0.021494   -46.746534
0.14083   -4.334940   -42.882558    -0.589704
-0.000106   -0.085056   -48.286832
0.28167   -4.334940   -42.882558    -0.589704
-0.000106   -0.098990   -51.181128
0.42250   -4.334940   -42.882558    -0.589704
-0.000106   -0.265472   -55.716729
0.56334   -4.334940   -42.882558    -0.589704
-0.000106   -0.433435   -61.342490

COMB DL-G1-3 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    5.804098   48.379592    0.610195
 0.001686   0.349157   53.723962
0.14083    5.804098   48.379592    0.610195
 0.001686   0.094231   59.882378
0.28167    5.804098   48.379592    0.610195
 0.001686   0.260555   73.769929
0.42250    5.804098   48.379592    0.610195
 0.001686   0.650393   91.205864
0.56334    5.804098   48.379592    0.610195
 0.001686   1.039963  109.642556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3675

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -6.462272   -51.281282    -0.928805
-7.79E-06   -0.517197   -38.948452
0.14083   -6.462272   -51.281282    -0.928805
-7.79E-06   -0.127967   -38.845160
0.28167   -6.462272   -51.281282    -0.928805
-7.79E-06   -0.158914   -51.237569
0.42250   -6.462272   -51.281282    -0.928805
-7.79E-06   -0.414565   -69.343642
0.56334   -6.462272   -51.281282    -0.928805
-7.79E-06   -0.671347   -88.423397

COMB DL-G1-4 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    8.064690   80.281986    1.011275
 0.003991   0.574966   105.740244
0.14083    8.064690   80.281986    1.011275
 0.003991   0.158879   111.478260
0.28167    8.064690   80.281986    1.011275
 0.003991   0.387439   123.855461
0.42250    8.064690   80.281986    1.011275
 0.003991   0.972075   146.585130
0.56334    8.064690   80.281986    1.011275
 0.003991   1.556565   175.602543

COMB DL-G1-4 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -8.292933   -77.683064    -1.399890
-0.002870   -0.796118   -36.067942
0.14083   -8.292933   -77.683064    -1.399890
-0.002870   -0.209738   -40.024415
0.28167   -8.292933   -77.683064    -1.399890
-0.002870   -0.270847   -54.748160
0.42250   -8.292933   -77.683064    -1.399890
-0.002870   -0.694889   -74.896877
0.56334   -8.292933   -77.683064    -1.399890
-0.002870   -1.119699  -106.553847

COMB DL-G2-1 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.852712   16.829637    0.196107
 0.000691   0.111241   10.236390
0.14083    0.852712   16.829637    0.196107
 0.000691   0.029199   14.958586
0.28167    0.852712   16.829637    0.196107
 0.000691   0.100039   21.705155
0.42250    0.852712   16.829637    0.196107
 0.000691   0.242147   29.647718
0.56334    0.852712   16.829637    0.196107
 0.000691   0.384261   38.262876

COMB DL-G2-1 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -3.747668   -21.397056    -0.338776
-5.22E-06   -0.183631   -14.137011
0.14083   -3.747668   -21.397056    -0.338776
-5.22E-06   -0.041499   -16.660313
0.28167   -3.747668   -21.397056    -0.338776
-5.22E-06   -0.052018   -21.475286
0.42250   -3.747668   -21.397056    -0.338776
-5.22E-06   -0.134122   -27.396868
0.56334   -3.747668   -21.397056    -0.338776
-5.22E-06   -0.216669   -33.889272

COMB DL-G2-2 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    2.256841   90.535411    0.573700
 0.004873   0.324461   105.680189
0.14083    2.256841   90.535411    0.573700
 0.004873   0.095249    84.975640
0.28167    2.256841   90.535411    0.573700
 0.004873   0.249545    72.829806
0.42250    2.256841   90.535411    0.573700
 0.004873   0.614578   74.577204
0.56334    2.256841   90.535411    0.573700
 0.004873   0.979735   85.301919
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3676

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -7.905539   -35.703221    -0.879877
-0.003893   -0.503994   -11.554331
0.14083   -7.905539   -35.703221    -0.879877
-0.003893   -0.135099   -10.461935
0.28167   -7.905539   -35.703221    -0.879877
-0.003893   -0.156356   -24.149613
0.42250   -7.905539   -35.703221    -0.879877
-0.003893   -0.233865   -37.912818
0.56334   -7.905539   -35.703221    -0.879877
-0.003893   -0.637877   -78.999666

COMB DL-G2-3 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    4.635383   85.473446    0.687974
 0.005014   0.393529   103.570835
0.14083    4.635383   85.473446    0.687974
 0.005014   0.115439    91.924640
0.28167    4.635383   85.473446    0.687974
 0.005014   0.293242    88.450729
0.42250    4.635383   85.473446    0.687974
 0.005014   0.728567    97.598831
0.56334    4.635383   85.473446    0.687974
 0.005014   1.163707   114.933294

COMB DL-G2-3 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -8.708704   -50.929451    -1.045756
-0.003524   -0.597208   -30.981391
0.14083   -8.708704   -50.929451    -1.045756
-0.003524   -0.159044   -30.742580
0.28167   -8.708704   -50.929451    -1.045756
-0.003524   -0.182093   -44.576148
0.42250   -8.708704   -50.929451    -1.045756
-0.003524   -0.470786   -63.019903
0.56334   -8.708704   -50.929451    -1.045756
-0.003524   -0.759715   -96.784530

COMB DL-G2-4 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.595501   84.571247    1.196259
 0.003367   0.676606   89.137929
0.14083    7.595501   84.571247    1.196259
 0.003367   0.180457   98.179812
0.28167    7.595501   84.571247    1.196259
 0.003367   0.453595   116.167833
0.42250    7.595501   84.571247    1.196259
 0.003367   1.136403   141.846526
0.56334    7.595501   84.571247    1.196259
 0.003367   1.819140   172.723355

COMB DL-G2-4 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -9.289174   -81.174848    -1.633016
-0.002803   -0.923868   -32.496224
0.14083   -9.289174   -81.174848    -1.633016
-0.002803   -0.238791   -40.536449
0.28167   -9.289174   -81.174848    -1.633016
-0.002803   -0.323572   -60.830665
0.42250   -9.289174   -81.174848    -1.633016
-0.002803   -0.825671   -85.258100
0.56334   -9.289174   -81.174848    -1.633016
-0.002803   -1.327793  -119.144257

COMB DL-G3-1 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    4.709519   43.195898    1.029703
 1.55E-05   0.577703    3.393174
0.14083    4.709519   43.195898    1.029703
 1.55E-05   0.145817    8.011278
0.28167    4.709519   43.195898    1.029703
 1.55E-05   0.346120   22.326818
0.42250    4.709519   43.195898    1.029703
 1.55E-05   0.875955   37.316991
0.56334    4.709519   43.195898    1.029703
 1.55E-05   1.405758   52.470570
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3677

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -4.962883   -36.599052    -1.263636
-0.001336   -0.713685   -26.448411
0.14083   -4.962883   -36.599052    -1.263636
-0.001336   -0.183172   -38.163660
0.28167   -4.962883   -36.599052    -1.263636
-0.001336   -0.283981   -55.030338
0.42250   -4.962883   -36.599052    -1.263636
-0.001336   -0.716035   -72.773144
0.56334   -4.962883   -36.599052    -1.263636
-0.001336   -1.148069   -90.715385

COMB DL-G3-2 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.129746   121.510254    1.490445
 0.005696   0.840520   108.962989
0.14083    7.129746   121.510254    1.490445
 0.005696   0.231466    94.649027
0.28167    7.129746   121.510254    1.490445
 0.005696   0.509066    87.207897
0.42250    7.129746   121.510254    1.490445
 0.005696   1.285190    97.194064
0.56334    7.129746   121.510254    1.490445
 0.005696   2.061373   119.233255

COMB DL-G3-2 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -9.479782   -59.006203    -1.864843
-0.006930   -1.078096   -23.714817
0.14083   -9.479782   -59.006203    -1.864843
-0.006930   -0.296354   -40.330889
0.28167   -9.479782   -59.006203    -1.864843
-0.006930   -0.410777   -60.410182
0.42250   -9.479782   -59.006203    -1.864843
-0.006930   -1.035904   -85.720763
0.56334   -9.479782   -59.006203    -1.864843
-0.006930   -1.660959  -134.365835

COMB DL-G3-3 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    6.744051   122.376636    1.506228
 0.004636   0.846305   100.627874
0.14083    6.744051   122.376636    1.506228
 0.004636   0.226021    91.948168
0.28167    6.744051   122.376636    1.506228
 0.004636   0.547264    94.482226
0.42250    6.744051   122.376636    1.506228
 0.004636   1.372559   110.416457
0.56334    6.744051   122.376636    1.506228
 0.004636   2.198308   135.338140

COMB DL-G3-3 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -11.005943   -68.663163    -1.978174
-0.005232   -1.127797   -22.887818
0.14083   -11.005943   -68.663163    -1.978174
-0.005232   -0.297629   -36.581740
0.28167   -11.005943   -68.663163    -1.978174
-0.005232   -0.415027   -65.514522
0.42250   -11.005943   -68.663163    -1.978174
-0.005232   -1.047038   -97.778987
0.56334   -11.005943   -68.663163    -1.978174
-0.005232   -1.678921  -147.077974

COMB DL-G3-4 -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    7.161345   106.467620    1.390680
 0.004393   0.785766   88.643940
0.14083    7.161345   106.467620    1.390680
 0.004393   0.212130    87.506714
0.28167    7.161345   106.467620    1.390680
 0.004393   0.518701    96.136908
0.42250    7.161345   106.467620    1.390680
 0.004393   1.299748   116.092999
0.56334    7.161345   106.467620    1.390680
 0.004393   2.080617   143.584679
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3678

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -11.228284   -73.596872    -1.870121
-0.004347   -1.062745   -37.178748
0.14083   -11.228284   -73.596872    -1.870121
-0.004347   -0.278206   -49.046932
0.28167   -11.228284   -73.596872    -1.870121
-0.004347   -0.378697   -74.104320
0.42250   -11.228284   -73.596872    -1.870121
-0.004347   -0.962188  -102.601063
0.56334   -11.228284   -73.596872    -1.870121
-0.004347   -1.545647  -145.411360

COMB      DB -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    8.049611   118.248412    0.925769
 0.005455   0.520771   104.673757
0.14083    8.049611   118.248412    0.925769
 0.005455   0.142792   102.361018
0.28167    8.049611   118.248412    0.925769
 0.005455   0.400656   107.894583
0.42250    8.049611   118.248412    0.925769
 0.005455   1.009223   125.266743
0.56334    8.049611   118.248412    0.925769
 0.005455   1.617946   152.136122

COMB      DB -------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -10.206371   -75.676498    -1.464066
-0.006974   -0.840642   -44.226304
0.14083   -10.206371   -75.676498    -1.464066
-0.006974   -0.227314   -46.210842
0.28167   -10.206371   -75.676498    -1.464066
-0.006974   -0.255627   -62.146967
0.42250   -10.206371   -75.676498    -1.464066
-0.006974   -0.643788   -88.632750
0.56334   -10.206371   -75.676498    -1.464066
-0.006974   -1.031941  -126.414005

COMB      DL -------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    8.064690   122.376636    1.506228
 0.005696   0.846305   108.962989
0.14083    8.064690   122.376636    1.506228
 0.005696   0.231466   111.478260
0.28167    8.064690   122.376636    1.506228
 0.005696   0.547264   123.855461
0.42250    8.064690   122.376636    1.506228
```

0.005696 1.372859 146.585130
0.56334 8.064690 122.376636 1.506228
0.005696 2.198308 175.602543

COMB DL ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.228284 -81.174848 -1.978174
-0.006930 -1.127797 -46.754634
0.14083 -11.228284 -81.174848 -1.978174
-0.006930 -0.297629 -49.046932
0.28167 -11.228284 -81.174848 -1.978174
-0.006930 -0.415027 -74.104320
0.42250 -11.228284 -81.174848 -1.978174
-0.006930 -1.047038 -102.601063
0.56334 -11.228284 -81.174848 -1.978174
-0.006930 -1.678921 -147.077974

COMB CAR ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.064690 122.376636 1.506228
0.005696 0.846305 108.962989
0.14083 8.064690 122.376636 1.506228
0.005696 0.231466 111.478260
0.28167 8.064690 122.376636 1.506228
0.005696 0.547264 123.855461
0.42250 8.064690 122.376636 1.506228
0.005696 1.372859 146.585130
0.56334 8.064690 122.376636 1.506228
0.005696 2.198308 175.602543
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3679

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.228284 -81.174848 -1.978174
-0.006974 -1.127797 -46.754634
0.14083 -11.228284 -81.174848 -1.978174
-0.006974 -0.297629 -49.046932
0.28167 -11.228284 -81.174848 -1.978174
-0.006974 -0.415027 -74.104320
0.42250 -11.228284 -81.174848 -1.978174
-0.006974 -1.047038 -102.601063
0.56334 -11.228284 -81.174848 -1.978174
-0.006974 -1.678921 -147.077974

COMB DESIGN ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.064690 122.376636 1.506228
0.005696 0.846305 108.962989
0.14083 8.064690 122.376636 1.506228
0.005696 0.231466 111.478260
0.28167 8.064690 122.376636 1.506228
0.005696 0.547264 123.855461
0.42250 8.064690 122.376636 1.506228
0.005696 1.372859 146.585130
0.56334 8.064690 122.376636 1.506228
0.005696 2.198308 175.602543

COMB DESIGN ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.228284 -81.174848 -1.978174
-0.006974 -1.127797 -46.754634
0.14083 -11.228284 -81.174848 -1.978174
-0.006974 -0.297629 -49.046932
0.28167 -11.228284 -81.174848 -1.978174
-0.006974 -0.415027 -74.104320
0.42250 -11.228284 -81.174848 -1.978174
-0.006974 -1.047038 -102.601063
0.56334 -11.228284 -81.174848 -1.978174
-0.006974 -1.678921 -147.077974

ELEM 350 ================== LENGTH
= 2.976671

COMB DB-G1-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 1.635896 8.923721 0.166516
0.001069 0.188530 3.001850
0.57755 1.635896 8.923721 0.166516
0.001069 0.118731 2.479906
0.71836 1.635896 8.923721 0.166516
0.001069 0.048948 3.052785
0.85918 1.635896 8.923721 0.166516
0.001069 0.041189 5.975049
1.00000 1.635896 8.923721 0.166516
0.001069 0.169289 10.152379

COMB DB-G1-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -2.578827 -11.797822 -0.305394
-1.04E-05 -0.342757 -24.643971
0.57755 -2.578827 -11.797822 -0.305394
-1.04E-05 -0.211447 -27.766367
0.71836 -2.578827 -11.797822 -0.305394
-1.04E-05 -0.086744 -30.969789
0.85918 -2.578827 -11.797822 -0.305394
-1.04E-05 -0.020864 -34.216380
1.00000 -2.578827 -11.797822 -0.305394
-1.04E-05 -0.090663 -37.627981

COMB DB-G1-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 1.986710 27.598516 0.304307
0.001994 0.341252 23.410952
0.57755 1.986710 27.598516 0.304307
0.001994 0.213700 16.698212
0.71836 1.986710 27.598516 0.304307
0.001994 0.086131 11.147545
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3680

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85918 1.986710 27.598516 0.304307
0.001994 0.072462 11.154423
1.00000 1.986710 27.598516 0.304307
0.001994 0.292421 16.851964

COMB DB-G1-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -6.852634 -21.285104 -0.524581
-0.000216 -0.587146 -38.223133
0.57755 -6.852634 -21.285104 -0.524581
-0.000216 -0.367314 -39.633829
0.71836 -6.852634 -21.285104 -0.524581
-0.000216 -0.147981 -44.396578
0.85918 -6.852634 -21.285104 -0.524581
-0.000216 -0.041709 -50.847294
1.00000 -6.852634 -21.285104 -0.524581
-0.000216 -0.168953 -58.215838

COMB DB-G1-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 1.756659 77.839873 0.365656
0.001579 0.410387 152.489870
0.57755 1.756659 77.839873 0.365656
0.001579 0.257029 124.352470
0.71836 1.756659 77.839873 0.365656
0.001579 0.103717 96.734967
0.85918 1.756659 77.839873 0.365656
0.001579 0.102053 73.167399
1.00000 1.756659 77.839873 0.365656
0.001579 0.412556 54.161873

COMB DB-G1-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -10.161960 -20.662870 -0.740307
-6.46E-06 -0.828696 -40.865683
0.57755 -10.161960 -20.662870 -0.740307
-6.46E-06 -0.518405 -41.446650
0.71836 -10.161960 -20.662870 -0.740307
-6.46E-06 -0.208185 -43.931356
0.85918 -10.161960 -20.662870 -0.740307
-6.46E-06 -0.050116 -47.477193
1.00000 -10.161960 -20.662870 -0.740307
-6.46E-06 -0.202628 -51.116129

COMB DB-G1-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 7.916873 72.601535 0.567394
0.004699 0.634908 146.906502
0.57755 7.916873 72.601535 0.567394
0.004699 0.397004 121.909731
0.71836 7.916873 72.601535 0.567394
0.004699 0.159134 104.995046
0.85918 7.916873 72.601535 0.567394
0.004699 0.155166 104.827073
1.00000 7.916873 72.601535 0.567394
0.004699 0.586475 119.142752

COMB DB-G1-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -9.007317 -96.119654 -1.030683
-0.004051 -1.141949 -93.093973
0.57755 -9.007317 -96.119654 -1.030683
-0.004051 -0.710993 -64.150374
0.71836 -9.007317 -96.119654 -1.030683
-0.004051 -0.289839 -48.560867
0.85918 -9.007317 -96.119654 -1.030683
-0.004051 -0.085404 -40.700191
1.00000 -9.007317 -96.119654 -1.030683
-0.004051 -0.316372 -45.923554

COMB DB-G2-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 0.419769 32.340534 0.151017
0.000688 0.166169 55.062862
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3681

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57755 0.419769 32.340534 0.151017
0.000688 0.102874 42.108754
0.71836 0.419769 32.340534 0.151017
0.000688 0.039585 29.608123
0.85918 0.419769 32.340534 0.151017
0.000688 0.136097 12.203152

COMB DB-G2-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -5.350538 -7.727911 -0.243462
-8.47E-05 -0.272139 -15.253211
0.57755 -5.350538 -7.727911 -0.243462
-8.47E-05 -0.170721 -12.266136
0.71836 -5.350538 -7.727911 -0.243462
-8.47E-05 -0.068086 -11.527622
0.85918 -5.350538 -7.727911 -0.243462
-8.47E-05 -0.023722 -12.220985
1.00000 -5.350538 -7.727911 -0.243462
-8.47E-05 -0.087011 -13.247480

COMB DB-G2-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 4.397601 78.731027 0.291485
0.005127 0.324907 183.261515
0.57755 4.397601 78.731027 0.291485
0.005127 0.202632 152.267774
0.71836 4.397601 78.731027 0.291485
0.005127 0.080429 130.681665
0.85918 4.397601 78.731027 0.291485
0.005127 0.109878 125.025846
1.00000 4.397601 78.731027 0.291485
0.005127 0.377883 122.955484

COMB DB-G2-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -8.056885 -66.336934 -0.641452
-0.004817 -0.697998 -40.216181
0.57755 -8.056885 -66.336934 -0.641452
-0.004817 -0.430588 -17.544150
0.71836 -8.056885 -66.336934 -0.641452
-0.004817 -0.176389 -13.045158
0.85918 -8.056885 -66.336934 -0.641452
-0.004817 -0.050990 -12.732982
1.00000 -8.056885 -66.336934 -0.641452
-0.004817 -0.163746 -13.036953

COMB DB-G2-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 4.765217 79.461101 0.388490
0.005466 0.434751 165.262341
0.57755 4.765217 79.461101 0.388490
0.005466 0.271824 137.600368
0.71836 4.765217 79.461101 0.388490
0.005466 0.108961 118.386881
0.85918 4.765217 79.461101 0.388490
0.005466 0.130818 114.965307
1.00000 4.765217 79.461101 0.388490
0.005466 0.470853 116.813324

COMB DB-G2-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -9.937368 -68.793267 -0.812950
-0.004353 -0.892552 -51.428729
0.57755 -9.937368 -68.793267 -0.812950
-0.004353 -0.553125 -34.663974
0.71836 -9.937368 -68.793267 -0.812950
-0.004353 -0.225606 -33.950730
0.85918 -9.937368 -68.793267 -0.812950
-0.004353 -0.062402 -36.802802
1.00000 -9.937368 -68.793267 -0.812950
-0.004353 -0.216553 -40.284739
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3682

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 8.994171 75.473770 0.673688
0.003791 0.752339 148.877060
0.57755 8.994171 75.473770 0.673688
0.003791 0.469875 122.084674
0.71836 8.994171 75.473770 0.673688
0.003791 0.187472 101.523514
0.85918 8.994171 75.473770 0.673688
0.003791 0.166025 92.840529
1.00000 8.994171 75.473770 0.673688
0.003791 0.641720 102.990267

COMB DB-G2-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -9.066222 -102.085041 -1.136830
-0.003736 -1.264640 -113.355847
0.57755 -9.066222 -102.085041 -1.136830
-0.003736 -0.789048 -79.830099
0.71836 -9.066222 -102.085041 -1.136830
-0.003736 -0.321534 -57.106898
0.85918 -9.066222 -102.085041 -1.136830
-0.003736 -0.100546 -36.867394
1.00000 -9.066222 -102.085041 -1.136830
-0.003736 -0.377157 -38.805005

COMB DB-G3-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 7.858559 17.663703 0.595126
7.26E-06 0.663209 22.783082
0.57755 7.858559 17.663703 0.595126
7.26E-06 0.413751 15.570145
0.71836 7.858559 17.663703 0.595126
7.26E-06 0.164293 8.602719
0.85918 7.858559 17.663703 0.595126
7.26E-06 0.102551 3.332207
1.00000 7.858559 17.663703 0.595126
7.26E-06 0.424269 3.110158

COMB DB-G3-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -1.357788 -61.321761 -0.771403
-0.001303 -0.869131 -115.373888
0.57755 -1.357788 -61.321761 -0.771403
-0.001303 -0.545786 -89.689147
0.71836 -1.357788 -61.321761 -0.771403
-0.001303 -0.222726 -64.072111
0.85918 -1.357788 -61.321761 -0.771403
-0.001303 -0.085162 -38.470661
1.00000 -1.357788 -61.321761 -0.771403
-0.001303 -0.334622 -13.003306

COMB DB-G3-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 14.413047 43.185515 0.800249
0.005661 0.891996 97.231283
0.57755 14.413047 43.185515 0.800249
0.005661 0.556592 81.377561
0.71836 14.413047 43.185515 0.800249
0.005661 0.221099 77.051814
0.85918 14.413047 43.185515 0.800249
0.005661 0.184918 92.461731
1.00000 14.413047 43.185515 0.800249
0.005661 0.681794 113.281525

COMB DB-G3-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -2.734922 -146.380513 -1.192282
-0.007409 -0.817783 -158.497683
0.57755 -2.734922 -146.380513 -1.192282
-0.007409 -0.819849 -103.214295
0.71836 -2.734922 -146.380513 -1.192282
-0.007409 -0.338135 -67.643560
0.85918 -2.734922 -146.380513 -1.192282
-0.007409 -0.124467 -35.868936
1.00000 -2.734922 -146.380513 -1.192282
-0.007409 -0.449763 -12.375109
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3683

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 11.884355 80.895284 0.815174
0.004087 0.908911 177.169387
0.57755 11.884355 80.895284 0.815174
0.004087 0.567131 144.997143
0.71836 11.884355 80.895284 0.815174
0.004087 0.225463 120.830462
0.85918 11.884355 80.895284 0.815174
0.004087 0.190444 110.655125
1.00000 11.884355 80.895284 0.815174
0.004087 0.725403 105.964772

COMB DB-G3-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -7.151638 -123.448747 -1.281616
-0.005373 -1.423855 -149.875852
0.57755 -7.151638 -123.448747 -1.281616
-0.005373 -0.887971 -100.831634
0.71836 -7.151638 -123.448747 -1.281616
-0.005373 -0.363266 -68.407927
0.85918 -7.151638 -123.448747 -1.281616
-0.005373 -0.124250 -37.123321
1.00000 -7.151638 -123.448747 -1.281616
-0.005373 -0.457801 -14.045543

COMB DB-G3-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 10.405343 78.059100 0.788708
0.004033 0.879713 152.759672
0.57755 10.405343 78.059100 0.788708
0.004033 0.549041 124.143399
0.71836 10.405343 78.059100 0.788708
0.004033 0.218436 102.327665
0.85918 10.405343 78.059100 0.788708
0.004033 0.184771 93.141641
1.00000 10.405343 78.059100 0.788708
0.004033 0.710976 91.753162

COMB DB-G3-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -8.927580 -109.552191 -1.259710
-0.004453 -1.401463 -135.690737
0.57755 -8.927580 -109.552191 -1.259710
-0.004453 -0.874521 -97.641232
0.71836 -8.927580 -109.552191 -1.259710
-0.004453 -0.356842 -72.178134
0.85918 -8.927580 -109.552191 -1.259710
-0.004453 -0.118597 -49.655059
1.00000 -8.927580 -109.552191 -1.259710
-0.004453 -0.442636 -34.047857

COMB DL-G1-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 2.583698 11.198070 0.262897
0.001115 0.295991 4.640415
0.57755 2.583698 11.198070 0.262897
0.001115 0.185818 3.750655
0.71836 2.583698 11.198070 0.262897
0.001115 0.075776 5.971233
0.85918 2.583698 11.198070 0.262897
0.001115 0.055800 8.780984
1.00000 2.583698 11.198070 0.262897
0.001115 0.226026 14.327532

COMB DL-G1-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -2.474460 -15.074615 -0.406533
-7.44E-06 -0.455643 -37.030357
0.57755 -2.474460 -15.074615 -0.406533
-7.44E-06 -0.285231 -36.239930
0.71836 -2.474460 -15.074615 -0.406533
-7.44E-06 -0.114768 -36.035443
0.85918 -2.474460 -15.074615 -0.406533
-7.44E-06 -0.033924 -39.861779
1.00000 -2.474460 -15.074615 -0.406533
-7.44E-06 -0.144726 -43.936767
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3684

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 2.922730 30.263220 0.460326
0.001924 0.515523 25.111986
0.57755 2.922730 30.263220 0.460326
0.001924 0.321801 17.836661
0.71836 2.922730 30.263220 0.460326
0.001924 0.129013 12.021140
0.85918 2.922730 30.263220 0.460326
0.001924 0.102984 13.717038
1.00000 2.922730 30.263220 0.460326
0.001924 0.412354 21.038331

COMB DL-G1-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -7.127137 -25.536104 -0.738595
-0.000139 -0.826070 -54.453809
0.57755 -7.127137 -25.536104 -0.738595
-0.000139 -0.516232 -52.390886
0.71836 -7.127137 -25.536104 -0.738595
-0.000139 -0.207287 -51.582571
0.85918 -7.127137 -25.536104 -0.738595
-0.000139 -0.061855 -56.370763
1.00000 -7.127137 -25.536104 -0.738595
-0.000139 -0.256054 -65.208339

COMB DL-G1-3 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 2.745106 73.735489 0.619725
0.001610 0.690805 150.576645
0.57755 2.745106 73.735489 0.619725
0.001610 0.429872 124.836131
0.71836 2.745106 73.735489 0.619725
0.001610 0.170369 100.108653
0.85918 2.745106 73.735489 0.619725
0.001610 0.142676 81.733044
1.00000 2.745106 73.735489 0.619725
0.001610 0.572407 67.854977

COMB DL-G1-3 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -9.770698 -26.064696 -1.025223
-1.36E-05 -1.145964 -54.856267
0.57755 -9.770698 -26.064696 -1.025223
-1.36E-05 -0.715843 -51.716850
0.71836 -9.770698 -26.064696 -1.025223
-1.36E-05 -0.285980 -49.266562
0.85918 -9.770698 -26.064696 -1.025223
-1.36E-05 -0.085203 -52.175652
1.00000 -9.770698 -26.064696 -1.025223
-1.36E-05 -0.346240 -57.138713

COMB DL-G1-4 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 7.917499 71.228124 0.948929
0.003951 1.057730 151.388612
0.57755 7.917499 71.228124 0.948929
0.003951 0.658958 127.496301
0.71836 7.917499 71.228124 0.948929
0.003951 0.261240 110.861386
0.85918 7.917499 71.228124 0.948929
0.003951 0.206550 111.781998
1.00000 7.917499 71.228124 0.948929
0.003951 0.793131 125.962739

COMB DL-G1-4 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -8.772638 -88.772535 -1.401709
-0.003294 -1.183837 -98.137560
0.57755 -8.772638 -88.772535 -1.401709
-0.003294 -0.971996 -68.804080
0.71836 -8.772638 -88.772535 -1.401709
-0.003294 -0.390638 -51.067260
0.85918 -8.772638 -88.772535 -1.401709
-0.003294 -0.142035 -44.976728
1.00000 -8.772638 -88.772535 -1.401709
-0.003294 -0.532271 -51.534733
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3685

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 0.368587 29.283338 0.226260
0.000599 0.250115 52.154683
0.57755 0.368587 29.283338 0.226260
0.000599 0.155089 40.588368
0.71836 0.368587 29.283338 0.226260
0.000599 0.060365 29.360861
0.85918 0.368587 29.283338 0.226260
0.000599 0.052716 19.392101
1.00000 0.368587 29.283338 0.226260
0.000599 0.209347 12.905866

COMB DL-G2-1 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -5.589502 -9.048408 -0.373587
-7.52E-05 -0.416789 -16.713130
0.57755 -5.589502 -9.048408 -0.373587
-7.52E-05 -0.259972 -14.431986
0.71836 -5.589502 -9.048408 -0.373587
-7.52E-05 -0.103574 -12.449405
0.85918 -5.589502 -9.048408 -0.373587
-7.52E-05 -0.033211 -11.490734
1.00000 -5.589502 -9.048408 -0.373587
-7.52E-05 -0.128108 -12.414961

COMB DL-G2-2 ---------------- MAX

REL DIST P V2 V3
T M2 M3
0.43673 4.037836 71.455856 0.518029
0.004436 0.573913 180.552081
0.57755 4.037836 71.455856 0.518029
0.004436 0.356181 152.928215
0.71836 4.037836 71.455856 0.518029
0.004436 0.139176 133.931382
0.85918 4.037836 71.455856 0.518029
0.004436 0.139434 128.390735
1.00000 4.037836 71.455856 0.518029
0.004436 0.496764 126.324181

COMB DL-G2-2 ---------------- MIN

REL DIST P V2 V3
T M2 M3
0.43673 -7.729358 -59.459859 -0.856245
-0.004211 -0.940241 -40.635410
0.57755 -7.729358 -59.459859 -0.856245
-0.004211 -0.583565 -18.797003

0.71836 -7.729358 -59.459859 -0.856245
-0.004211 -0.234315 -13.306071
0.85918 -7.729358 -59.459859 -0.856245
-0.004211 -0.089535 -11.775308
1.00000 -7.729358 -59.459859 -0.856245
-0.004211 -0.294063 -12.276293

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	4.758570	74.686731	0.661949
0.004858	0.736299	163.752426	
0.57755	4.758570	74.686731	0.661949
0.004858	0.458512	138.862621	
0.71836	4.758570	74.686731	0.661949
0.004858	0.180949	121.784938	
0.85918	4.758570	74.686731	0.661949
0.004858	0.170011	119.944964	
1.00000	4.758570	74.686731	0.661949
0.004858	0.627062	122.609955	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-9.615160	-65.032428	-1.094112
-0.003811	-1.208613	-61.047636	
0.57755	-9.615160	-65.032428	-1.094112
-0.003811	-0.752038	-41.721802	
0.71836	-9.615160	-65.032428	-1.094112
-0.003811	-0.301907	-37.169804	
0.85918	-9.615160	-65.032428	-1.094112
-0.003811	-0.106069	-38.815628	
1.00000	-9.615160	-65.032428	-1.094112
-0.003811	-0.372150	-43.137675	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3686

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	8.311721	73.910838	1.107721
0.003213	1.232958	150.550437	
0.57755	8.311721	73.910838	1.107721
0.003213	0.768305	124.986209	
0.71836	8.311721	73.910838	1.107721
0.003213	0.303993	104.470222	
0.85918	8.311721	73.910838	1.107721
0.003213	0.226586	97.281297	
1.00000	8.311721	73.910838	1.107721
0.003213	0.882157	109.245327	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-9.004411	-94.538687	-1.565522
-0.003168	-1.743405	-112.671356	
0.57755	-9.004411	-94.538687	-1.565522
-0.003168	-1.088217	-79.518273	
0.71836	-9.004411	-94.538687	-1.565522
-0.003168	-0.437367	-55.491743	
0.85918	-9.004411	-94.538687	-1.565522
-0.003168	-0.164097	-38.580311	
1.00000	-9.004411	-94.538687	-1.565522
-0.003168	-0.621623	-42.541558	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	6.851895	22.210312	0.930210
4.29E-06	1.036293	26.322854	
0.57755	6.851895	22.210312	0.930210
4.29E-06	0.646065	17.384722	
0.71836	6.851895	22.210312	0.930210
4.29E-06	0.256357	8.546766	
0.85918	6.851895	22.210312	0.930210
4.29E-06	0.148919	3.716988	
1.00000	6.851895	22.210312	0.930210
4.29E-06	0.605409	3.667227	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-1.974899	-56.683413	-1.089437
-0.001330	-1.221631	-108.893247	
0.57755	-1.974899	-56.683413	-1.089437
-0.001330	-0.764808	-85.394815	
0.71836	-1.974899	-56.683413	-1.089437
-0.001330	-0.308147	-61.948461	
0.85918	-1.974899	-56.683413	-1.089437
-0.001330	-0.132072	-42.090468	
1.00000	-1.974899	-56.683413	-1.089437
-0.001330	-0.521772	-24.997789	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	13.291630	46.483682	1.306772
0.005653	1.456139	103.831205	
0.57755	13.291630	46.483682	1.306772
0.005653	0.907627	87.055903	
0.71836	13.291630	46.483682	1.306772
0.005653	0.360237	82.435173	
0.85918	13.291630	46.483682	1.306772
0.005653	0.251068	99.207796	
1.00000	13.291630	46.483682	1.306772
0.005653	0.932254	121.351192	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-3.174825	-137.956145	-1.630635
-0.007464	-1.957927	-151.088231	
0.57755	-3.174825	-137.956145	-1.630635
-0.007464	-1.125071	-95.648319	
0.71836	-3.174825	-137.956145	-1.630635
-0.007464	-0.455433	-63.269676	
0.85918	-3.174825	-137.956145	-1.630635
-0.007464	-0.206345	-39.013190	
1.00000	-3.174825	-137.956145	-1.630635
-0.007464	-0.135745	-20.686360	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3687

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	11.050975	76.638095	1.339920
0.004276	1.490057	173.741808	
0.57755	11.050975	76.638095	1.339920
0.004276	0.927652	144.007106	
0.71836	11.050975	76.638095	1.339920
0.004276	0.366360	123.104079	
0.85918	11.050975	76.638095	1.339920
0.004276	0.262576	118.397851	
1.00000	11.050975	76.638095	1.339920
0.004276	1.000340	119.041542	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-7.158543	-118.597882	-1.763285
-0.005629	-1.957927	-142.130184	
0.57755	-7.158543	-118.597882	-1.763285
-0.005629	-1.221179	-94.376221	
0.71836	-7.158543	-118.597882	-1.763285
-0.005629	-0.491502	-63.256801	
0.85918	-7.158543	-118.597882	-1.763285
-0.005629	-0.206200	-38.724042	
1.00000	-7.158543	-118.597882	-1.763285
-0.005629	-0.754670	-20.060569	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	9.779713	75.669025	1.278704
0.004208	1.422841	150.198073	
0.57755	9.779713	75.669025	1.278704
0.004208	0.886007	123.442431	
0.71836	9.779713	75.669025	1.278704
0.004208	0.350274	104.256084	
0.85918	9.779713	75.669025	1.278704
0.004208	0.257141	100.486286	
1.00000	9.779713	75.669025	1.278704
0.004208	0.987360	104.146084	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-9.174590	-107.419565	-1.745138
-0.004676	-1.940161	-135.301187	
0.57755	-9.174590	-107.419565	-1.745138
-0.004676	-1.210536	-95.968264	
0.71836	-9.174590	-107.419565	-1.745138
-0.004676	-0.487029	-70.578988	
0.85918	-9.174590	-107.419565	-1.745138
-0.004676	-0.193916	-52.262210	
1.00000	-9.174590	-107.419565	-1.745138
-0.004676	-0.718958	-40.530658	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	14.413047	80.895284	0.815174
0.005661	0.908911	183.260315	
0.57755	14.413047	80.895284	0.815174
0.005661	0.567131	152.267774	
0.71836	14.413047	80.895284	0.815174
0.005661	0.225463	130.681665	
0.85918	14.413047	80.895284	0.815174
0.005661	0.190444	125.025846	
1.00000	14.413047	80.895284	0.815174
0.005661	0.725403	122.955484	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-10.161960	-146.380513	-1.281616
-0.007409	-1.423855	-158.497683	
0.57755	-10.161960	-146.380513	-1.281616
-0.007409	-0.887971	-103.214295	
0.71836	-10.161960	-146.380513	-1.281616
-0.007409	-0.363266	-72.178134	
0.85918	-10.161960	-146.380513	-1.281616
-0.007409	-0.124467	-50.847294	
1.00000	-10.161960	-146.380513	-1.281616
-0.007409	-0.457801	-58.215838	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3688

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	13.291630	76.638095	1.339920
0.005653	1.490057	180.552081	
0.57755	13.291630	76.638095	1.339920
0.005653	0.927652	152.928215	
0.71836	13.291630	76.638095	1.339920
0.005653	0.366360	133.931382	
0.85918	13.291630	76.638095	1.339920
0.005653	0.262576	128.390735	
1.00000	13.291630	76.638095	1.339920
0.005653	1.000340	126.324181	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-9.770698	-137.956145	-1.763285
-0.007464	-1.957927	-151.088231	
0.57755	-9.770698	-137.956145	-1.763285
-0.007464	-1.221179	-95.968264	
0.71836	-9.770698	-137.956145	-1.763285
-0.007464	-0.491502	-70.578988	
0.85918	-9.770698	-137.956145	-1.763285
-0.007464	-0.206345	-56.870763	
1.00000	-9.770698	-137.956145	-1.763285
-0.007464	-0.754670	-65.208339	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	14.413047	80.895284	1.339920
0.005661	1.490057	183.260315	
0.57755	14.413047	80.895284	1.339920
0.005661	0.927652	152.928215	
0.71836	14.413047	80.895284	1.339920
0.005661	0.366360	133.931382	
0.85918	14.413047	80.895284	1.339920
0.005661	0.262576	128.390735	
1.00000	14.413047	80.895284	1.339920
0.005661	1.000340	126.324181	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-10.161960	-146.380513	-1.763285
-0.007464	-1.957927	-158.497683	
0.57755	-10.161960	-146.380513	-1.763285
-0.007464	-1.221179	-103.214295	
0.71836	-10.161960	-146.380513	-1.763285
-0.007464	-0.491502	-72.178134	
0.85918	-10.161960	-146.380513	-1.763285
-0.007464	-0.206345	-56.870763	
1.00000	-10.161960	-146.380513	-1.763285
-0.007464	-0.754670	-65.208339	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3689

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 351 ========== LENGTH = 2.977629

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.617392	8.975699	0.201327
0.000677	0.118660	10.160826	
0.14085	1.617392	8.975699	0.201327
0.000677	0.034416	14.842748	
0.28171	1.617392	8.975699	0.201327
0.000677	0.084957	19.647873	
0.42256	1.617392	8.975699	0.201327
0.000677	0.217031	24.512739	
0.56341	1.617392	8.975699	0.201327
0.000677	0.349110	29.413059	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.562718	-11.738254	-0.314923
-6.81E-06	-0.179215	-37.636670	
0.14085	-2.562718	-11.738254	-0.314923
-6.81E-06	-0.047109	-41.121779	
0.28171	-2.562718	-11.738254	-0.314923
-6.81E-06	-0.050407	-44.662558	
0.42256	-2.562718	-11.738254	-0.314923
-6.81E-06	-0.134828	-48.215755	
0.56341	-2.562718	-11.738254	-0.314923
-6.81E-06	-0.219267	-51.842665	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.859713	29.110767	0.326725
0.001410	0.188576	16.877059	
0.14085	1.859713	29.110767	0.326725
0.001410	0.052104	22.791853	
0.28171	1.859713	29.110767	0.326725
0.001410	0.146038	29.116453	
0.42256	1.859713	29.110767	0.326725
0.001410	0.371854	36.416585	
0.56341	1.859713	29.110767	0.326725
0.001410	0.598140	44.315204	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.908467	-19.373159	-0.539683
-0.000184	-0.307258	-58.231843	
0.14085	-6.908467	-19.373159	-0.539683
-0.000184	-0.080869	-67.406663	
0.28171	-6.908467	-19.373159	-0.539683
-0.000184	-0.085646	-76.927670	
0.42256	-6.908467	-19.373159	-0.539683
-0.000184	-0.222583	-86.920198	
0.56341	-6.908467	-19.373159	-0.539683
-0.000184	-0.359612	-98.241454	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.740533	77.266558	0.393748
0.001569	0.225925	54.152138	
0.14085	1.740533	77.266558	0.393748
0.001569	0.060940	45.415595	
0.28171	1.740533	77.266558	0.393748
0.001569	0.205300	47.933394	
0.42256	1.740533	77.266558	0.393748
0.001569	0.517150	53.093954	
0.56341	1.740533	77.266558	0.393748
0.001569	0.829061	59.141206	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.077362	-20.670170	-0.743813
-6.13E-06	-0.418849	-51.123032	
0.14085	-10.077362	-20.670170	-0.743813
-6.13E-06	-0.186895	-55.091715	
0.28171	-10.077362	-20.670170	-0.743813
-6.13E-06	-0.104317	-71.104980	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3690

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-10.077362	-20.670170	-0.743813
-6.13E-06	-0.269395	-102.106082	
0.56341	-10.077362	-20.670170	-0.743813
-6.13E-06	-0.434616	-133.897445	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.832985	106.835086	0.592860
0.004739	0.338076	119.347064	
0.14085	5.832985	106.835086	0.592860
0.004739	0.094724	112.307539	
0.28171	5.832985	106.835086	0.592860
0.004739	0.291387	114.359392	
0.42256	5.832985	106.835086	0.592860
0.004739	0.729554	127.917458	
0.56341	5.832985	106.835086	0.592860
0.004739	1.176920	149.767911	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.703272	-59.681061	-1.069588
-0.003780	-0.487681	-51.596214	
0.14085	-10.703272	-59.681061	-1.069588
-0.003780	-0.169820	-51.596059	
0.28171	-10.703272	-59.681061	-1.069588
-0.003780	-0.159181	-67.512097	
0.42256	-10.703272	-59.681061	-1.069588
-0.003780	-0.407781	-95.402339	
0.56341	-10.703272	-59.681061	-1.069588
-0.003780	-0.656497	-133.158041	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419800	32.100782	0.127336
0.000626	0.070847	12.200064	
0.14085	0.419800	32.100782	0.127336
0.000626	0.017341	10.605316	
0.28171	0.419800	32.100782	0.127336
0.000626	0.067762	11.454718	
0.42256	0.419800	32.100782	0.127336
0.000626	0.169499	12.853911	
0.56341	0.419800	32.100782	0.127336
0.000626	0.271238	14.429099	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.321716	-7.694738	-0.242658
-9.10E-06	-0.135847	-13.249049	
0.14085	-5.321716	-7.694738	-0.242658
-9.10E-06	-0.034046	-17.427653	
0.28171	-5.321716	-7.694738	-0.242658
-9.10E-06	-0.036548	-29.090651	
0.42256	-5.321716	-7.694738	-0.242658
-9.10E-06	-0.089368	-41.612028	
0.56341	-5.321716	-7.694738	-0.242658
-9.10E-06	-0.142798	-54.871112	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.519992	125.669699	0.286128
0.005634	0.160304	123.242857	
0.14085	1.519992	125.669699	0.286128
0.005634	0.047278	86.955291	
0.28171	1.519992	125.669699	0.286128
0.005634	0.175606	62.627860	
0.42256	1.519992	125.669699	0.286128
0.005634	0.429675	53.942832	
0.56341	1.519992	125.669699	0.286128
0.005634	0.696334	56.552857	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.406369	-16.004289	-0.639809
-0.004777	-0.377330	-13.030402	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3691

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-10.406369	-16.004289	-0.639809
-0.004777	-0.110067	-13.708095	
0.28171	-10.406369	-16.004289	-0.639809
-0.004777	-0.079558	-27.927944	
0.42256	-10.406369	-16.004289	-0.639809
-0.004777	-0.199585	-57.857700	
0.56341	-10.406369	-16.004289	-0.639809
-0.004777	-0.319676	-101.185351	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.165621	121.893311	0.403734
0.005624	0.230019	117.081595	
0.14085	2.165621	121.893311	0.403734
0.005624	0.057068	88.182584	
0.28171	2.165621	121.893311	0.403734
0.005624	0.223802	69.958466	
0.42256	2.165621	121.893311	0.403734
0.005624	0.554628	65.815577	
0.56341	2.165621	121.893311	0.403734
0.005624	0.896826	71.883826	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044221	-23.317259	-0.819536
-0.004317	-0.478303	-40.286075	
0.14085	-12.044221	-23.317259	-0.819536
-0.004317	-0.135508	-44.112917	
0.28171	-12.044221	-23.317259	-0.819536
-0.004317	-0.108666	-60.556577	
0.42256	-12.044221	-23.317259	-0.819536
-0.004317	-0.277992	-90.951579	
0.56341	-12.044221	-23.317259	-0.819536
-0.004317	-0.447381	-133.431998	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.336216	103.150835	0.686125
0.003938	0.389204	104.143573	
0.14085	7.336216	103.150835	0.686125
0.003938	0.105584	104.699406	
0.28171	7.336216	103.150835	0.686125
0.003938	0.326187	115.473512	
0.42256	7.336216	103.150835	0.686125
0.003938	0.819511	136.181255	
0.56341	7.336216	103.150835	0.686125
0.003938	1.320300	163.746397	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.432214	-72.683916	-1.196447
-0.003454	-0.687077	-38.797796	
0.14085	-10.432214	-72.683916	-1.196447
-0.003454	-0.185872	-45.449641	
0.28171	-10.432214	-72.683916	-1.196447
-0.003454	-0.186345	-62.608919	
0.42256	-10.432214	-72.683916	-1.196447
-0.003454	-0.474107	-91.920553	
0.56341	-10.432214	-72.683916	-1.196447
-0.003454	-0.761927	-129.318250	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.867341	17.644155	0.592457
1.91E-05	0.334471	3.106745	
0.14085	7.867341	17.644155	0.592457
1.91E-05	0.085950	14.524897	
0.28171	7.867341	17.644155	0.592457
1.91E-05	0.232221	40.032396	
0.42256	7.867341	17.644155	0.592457
1.91E-05	0.591841	65.779033	
0.56341	7.867341	17.644155	0.592457
1.91E-05	0.951418	91.580461	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3692

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.356999	-61.661334	-0.857352
-0.001186	-0.486906	-13.027677	
0.14085	-1.356999	-61.661334	-0.857352
-0.001186	-0.127320	-16.373922	
0.28171	-1.356999	-61.661334	-0.857352
-0.001186	-0.162490	-22.862677	
0.42256	-1.356999	-61.661334	-0.857352
-0.001186	-0.410971	-29.771435	
0.56341	-1.356999	-61.661334	-0.857352
-0.001186	-0.659452	-37.061951	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.970467	100.899657	0.800411
0.005883	0.452322	113.646908	
0.14085	10.970467	100.899657	0.800411
0.005883	0.125224	107.778141	
0.28171	10.970467	100.899657	0.800411
0.005883	0.349219	111.269056	
0.42256	10.970467	100.899657	0.800411
0.005883	0.875183	132.077013	
0.56341	10.970467	100.899657	0.800411
0.005883	1.416465	165.841058	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.662481	-85.570273	-1.295291
-0.007115	-0.756895	-12.353943	
0.14085	-5.662481	-85.570273	-1.295291
-0.007115	-0.214865	-20.323807	
0.28171	-5.662481	-85.570273	-1.295291
-0.007115	-0.219054	-28.460910	
0.42256	-5.662481	-85.570273	-1.295291
-0.007115	-0.554767	-41.149606	
0.56341	-5.662481	-85.570273	-1.295291
-0.007115	-0.890469	-72.217889	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.541855	120.125118	0.813654

0.004588	0.458662	106.198274	
0.14085	9.541855	120.125118	0.813654
0.004588	0.123186	100.574970	
0.28171	9.541855	120.125118	0.813654
0.004588	0.372430	108.611911	
0.42256	9.541855	120.125118	0.813654
0.004588	0.933626	129.829725	
0.56341	9.541855	120.125118	0.813654
0.004588	1.505369	160.536053	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.111948	-81.891214	-1.366550
-0.005109	-0.787431	-14.023547	
0.14085	-9.111948	-81.891214	-1.366550
-0.005109	-0.215207	-19.016494	
0.28171	-9.111948	-81.891214	-1.366550
-0.005109	-0.223715	-37.076056	
0.42256	-9.111948	-81.891214	-1.366550
-0.005109	-0.564939	-68.802186	
0.56341	-9.111948	-81.891214	-1.366550
-0.005109	-0.906277	-111.388405	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.469537	110.389292	0.791012
0.004265	0.447134	91.952130	
0.14085	8.469537	110.389292	0.791012
0.004265	0.120192	90.102228	
0.28171	8.469537	110.389292	0.791012
0.004265	0.364016	99.757496	
0.42256	8.469537	110.389292	0.791012
0.004265	0.915050	120.392375	
0.56341	8.469537	110.389292	0.791012
0.004265	1.465776	148.897494	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3693

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.534991	-75.194757	-1.337353
-0.004233	-0.769010	-34.036408	
0.14085	-10.534991	-75.194757	-1.337353
-0.004233	-0.208825	-41.878733	
0.28171	-10.534991	-75.194757	-1.337353
-0.004233	-0.216369	-60.175690	
0.42256	-10.534991	-75.194757	-1.337353
-0.004233	-0.548090	-90.402041	
0.56341	-10.534991	-75.194757	-1.337353
-0.004233	-0.879912	-129.966720	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.559896	11.225743	0.304329
0.000702	0.178136	14.340893	
0.14085	2.559896	11.225743	0.304329
0.000702	0.050096	20.210739	
0.28171	2.559896	11.225743	0.304329
0.000702	0.111667	26.151668	
0.42256	2.559896	11.225743	0.304329
0.000702	0.282879	32.131303	
0.56341	2.559896	11.225743	0.304329
0.000702	0.454166	38.136873	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.454998	-15.049243	-0.408762
-3.96E-06	-0.231696	-43.950075	
0.14085	-2.454998	-15.049243	-0.408762
-3.96E-06	-0.060581	-48.137984	
0.28171	-2.454998	-15.049243	-0.408762
-3.96E-06	-0.077689	-52.371055	
0.42256	-2.454998	-15.049243	-0.408762
-3.96E-06	-0.205367	-56.638180	
0.56341	-2.454998	-15.049243	-0.408762
-3.96E-06	-0.333090	-60.940908	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.830060	31.187174	0.493071
0.001360	0.284037	21.061334	
0.14085	2.830060	31.187174	0.493071
0.001360	0.077142	29.177319	
0.28171	2.830060	31.187174	0.493071
0.001360	0.203226	37.910177	
0.42256	2.830060	31.187174	0.493071
0.001360	0.512174	47.143962	
0.56341	2.830060	31.187174	0.493071
0.001360	0.821534	56.838564	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.155930	-24.439358	-0.738085
-0.000111	-0.416827	-65.231506	
0.14085	-7.155930	-24.439358	-0.738085
-0.000111	-0.108089	-74.875917	
0.28171	-7.155930	-24.439358	-0.738085
-0.000111	-0.129611	-85.227242	
0.42256	-7.155930	-24.439358	-0.738085
-0.000111	-0.658063	-96.658063	
0.56341	-7.155930	-24.439358	-0.738085
-0.000111	-0.543772	-108.929632	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.725572	73.262468	0.637874
0.001503	0.362418	67.861895	
0.14085	2.725572	73.262468	0.637874
0.001503	0.094538	59.478427	
0.28171	2.725572	73.262468	0.637874
0.001503	0.281070	58.885295	
0.42256	2.725572	73.262468	0.637874
0.001503	0.704493	65.879111	
0.56341	2.725572	73.262468	0.637874
0.001503	1.128018	74.455454	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3694

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.706192	-26.120937	-1.009715
-7.42E-06	-0.565319	-57.152568	
0.14085	-9.706192	-26.120937	-1.009715
-7.42E-06	-0.142564	-62.771060	
0.28171	-9.706192	-26.120937	-1.009715
-7.42E-06	-0.170420	-77.263723	
0.42256	-9.706192	-26.120937	-1.009715
-7.42E-06	-0.438130	-104.965712	
0.56341	-9.706192	-26.120937	-1.009715
-7.42E-06	-0.706194	-134.136878	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.266798	96.899777	0.967903
0.003908	0.549154	125.982165	
0.14085	6.266798	96.899777	0.967903
0.003908	0.150708	122.160785	
0.28171	6.266798	96.899777	0.967903
0.003908	0.388992	124.898562	
0.42256	6.266798	96.899777	0.967903
0.003908	0.975484	140.695737	
0.56341	6.266798	96.899777	0.967903
0.003908	1.566552	163.243624	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.162648	-61.836827	-1.413251
-0.002949	-0.805464	-51.535824	
0.14085	-10.162648	-61.836827	-1.413251
-0.002949	-0.214035	-58.974548	
0.28171	-10.162648	-61.836827	-1.413251
-0.002949	-0.261025	-73.999139	
0.42256	-10.162648	-61.836827	-1.413251
-0.002949	-0.666734	-99.814557	
0.56341	-10.162648	-61.836827	-1.413251
-0.002949	-1.073700	-136.970459	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.368969	29.191550	0.204634
0.000578	0.112872	12.906818	
0.14085	0.368969	29.191550	0.204634
0.000578	0.027039	11.473576	
0.28171	0.368969	29.191550	0.204634
0.000578	0.102384	13.191625	
0.42256	0.368969	29.191550	0.204634
0.000578	0.254693	15.740176	
0.56341	0.368969	29.191550	0.204634
0.000578	0.407156	18.626783	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.579569	-9.053943	-0.363369
-5.21E-06	-0.202087	-12.418841	
0.14085	-5.579569	-9.053943	-0.363369
-5.21E-06	-0.049851	-17.635800	
0.28171	-5.579569	-9.053943	-0.363369
-5.21E-06	-0.057972	-27.602983	
0.42256	-5.579569	-9.053943	-0.363369
-5.21E-06	-0.143878	-38.812162	
0.56341	-5.579569	-9.053943	-0.363369
-5.21E-06	-0.229681	-50.494367	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.501089	110.719963	0.495847
0.004858	0.277503	126.351791	
0.14085	1.501089	110.719963	0.495847
0.004858	0.081842	92.780473	
0.28171	1.501089	110.719963	0.495847
0.004858	0.232459	67.983267	
0.42256	1.501089	110.719963	0.495847
0.004858	0.575796	61.550228	
0.56341	1.501089	110.719963	0.495847
0.004858	0.925854	64.774167	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3695

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.876719	-17.873386	-0.840679
-0.004071	-0.485720	-12.270427	
0.14085	-9.876719	-17.873386	-0.840679
-0.004071	-0.134953	-13.572004	
0.28171	-9.876719	-17.873386	-0.840679
-0.004071	-0.136991	-25.719796	
0.42256	-9.876719	-17.873386	-0.840679
-0.004071	-0.344591	-51.154431	
0.56341	-9.876719	-17.873386	-0.840679
-0.004071	-0.553155	-93.244078	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.451399	110.227047	0.664374
0.004940	0.376181	122.646081	
0.14085	2.451399	110.227047	0.664374
0.004940	0.108391	96.834590	
0.28171	2.451399	110.227047	0.664374
0.004940	0.298273	79.042274	
0.42256	2.451399	110.227047	0.664374
0.004940	0.744204	77.756878	
0.56341	2.451399	110.227047	0.664374
0.004940	1.195969	85.229333	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.539104	-27.406185	-1.082511
-0.003684	-0.621478	-43.143567	
0.14085	-11.539104	-27.406185	-1.082511
-0.003684	-0.176939	-48.357579	
0.28171	-11.539104	-27.406185	-1.082511
-0.003684	-0.179748	-63.446433	
0.42256	-11.539104	-27.406185	-1.082511
-0.003684	-0.458151	-90.424263	
0.56341	-11.539104	-27.406185	-1.082511
-0.003684	-0.737425	-132.465400	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.966149	95.168085	1.110183
0.003278	0.626188	109.245281	
0.14085	6.966149	95.168085	1.110183
0.003278	0.167215	111.977468	
0.28171	6.966149	95.168085	1.110183
0.003278	0.438561	121.560373	
0.42256	6.966149	95.168085	1.110183
0.003278	1.101804	143.013625	
0.56341	6.966149	95.168085	1.110183
0.003278	1.768739	170.229874	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.158288	-72.306412	-1.593259
-0.002814	-0.904982	-42.531813	
0.14085	-10.158288	-72.306412	-1.593259
-0.002814	-0.237583	-51.016458	
0.28171	-10.158288	-72.306412	-1.593259
-0.002814	-0.302154	-68.041582	
0.42256	-10.158288	-72.306412	-1.593259
-0.002814	-0.767512	-95.388090	
0.56341	-10.158288	-72.306412	-1.593259
-0.002814	-1.233962	-132.239697	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.897569	22.142436	0.928363
1.41E-05	0.522359	3.662280	
0.14085	6.897569	22.142436	0.928363
1.41E-05	0.133471	14.176259	
0.28171	6.897569	22.142436	0.928363
1.41E-05	0.315188	36.871899	
0.42256	6.897569	22.142436	0.928363
1.41E-05	0.799221	60.096706	
0.56341	6.897569	22.142436	0.928363
1.41E-05	1.283566	83.610476	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3696

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.985547	-56.893183	-1.154041
-0.001159	-0.652942	-25.008598	
0.14085	-1.985547	-56.893183	-1.154041
-0.001159	-0.168256	-24.669003	
0.28171	-1.985547	-56.893183	-1.154041
-0.001159	-0.254348	-32.415576	
0.42256	-1.985547	-56.893183	-1.154041
-0.001159	-0.643663	-40.970152	
0.56341	-1.985547	-56.893183	-1.154041
-0.001159	-1.033415	-49.901184	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.740687	102.630181	1.310338
0.005857	0.740541	121.396902	
0.14085	9.740687	102.630181	1.310338
0.005857	0.208500	113.756004	
0.28171	9.740687	102.630181	1.310338
0.005857	0.463188	113.596516	
0.42256	9.740687	102.630181	1.310338
0.005857	1.165557	129.971219	
0.56341	9.740687	102.630181	1.310338
0.005857	1.877489	159.199733	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.282957	-79.209791	-1.706361
-0.007021	-0.988436	-20.672494	
0.14085	-6.282957	-79.209791	-1.706361
-0.007021	-0.274222	-27.636071	
0.28171	-6.282957	-79.209791	-1.706361
-0.007021	-0.358294	-37.697704	
0.42256	-6.282957	-79.209791	-1.706361
-0.007021	-0.907613	-52.066009	
0.56341	-6.282957	-79.209791	-1.706361
-0.007021	-1.457976	-89.710548	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.509236	116.911285	1.320996
0.004675	0.742407	119.064654	
0.14085	8.509236	116.911285	1.320996
0.004675	0.201163	108.307019	
0.28171	8.509236	116.911285	1.320996
0.004675	0.497003	109.657969	
0.42256	8.509236	116.911285	1.320996
0.004675	1.248855	127.938843	
0.56341	8.509236	116.911285	1.320996
0.004675	2.007480	155.845205	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.377267	-76.389382	-1.814313
-0.005242	-1.037976	-20.046348	
0.14085	-9.377267	-76.389382	-1.814313
-0.005242	-0.277866	-25.159493	
0.28171	-9.377267	-76.389382	-1.814313
-0.005242	-0.362616	-43.360129	
0.42256	-9.377267	-76.389382	-1.814313
-0.005242	-0.916242	-71.360104	
0.56341	-9.377267	-76.389382	-1.814313
-0.005242	-1.471142	-116.065425	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.665050	109.021532	1.270229
0.004352	0.715793	104.176145	
0.14085	7.665050	109.021532	1.270229
0.004352	0.193422	98.753744	
0.28171	7.665050	109.021532	1.270229
0.004352	0.490541	103.314682	
0.42256	7.665050	109.021532	1.270229
0.004352	1.233402	122.084013	
0.56341	7.665050	109.021532	1.270229
0.004352	1.981973	148.909780	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3697

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.002827	-72.407406	-1.789394
-0.004354	-1.021518	-40.528661	
0.14085	-11.002827	-72.407406	-1.789394
-0.004354	-0.271880	-48.861848	
0.28171	-11.002827	-72.407406	-1.789394
-0.004354	-0.347040	-67.925993	
0.42256	-11.002827	-72.407406	-1.789394
-0.004354	-0.879634	-95.765562	
0.56341	-11.002827	-72.407406	-1.789394
-0.004354	-1.413223	-137.693255	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.970467	125.669699	0.813654
0.005883	0.458662	123.242857	
0.14085	10.970467	125.669699	0.813654
0.005883	0.125224	112.307539	
0.28171	10.970467	125.669699	0.813654
0.005883	0.372430	115.473512	
0.42256	10.970467	125.669699	0.813654
0.005883	0.933626	136.181255	
0.56341	10.970467	125.669699	0.813654
0.005883	1.505369	165.841058	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044221	-85.570273	-1.366550
-0.007115	-0.787431	-58.231843	
0.14085	-12.044221	-85.570273	-1.366550
-0.007115	-0.215207	-67.486663	
0.28171	-12.044221	-85.570273	-1.366550
-0.007115	-0.223715	-76.927670	
0.42256	-12.044221	-85.570273	-1.366550
-0.007115	-0.564939	-102.106082	
0.56341	-12.044221	-85.570273	-1.366550
-0.007115	-0.906277	-133.897445	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.740687	116.911285	1.320996
0.005857	0.742407	126.351791	
0.14085	9.740687	116.911285	1.320996
0.005857	0.208500	122.160785	
0.28171	9.740687	116.911285	1.320996
0.005857	0.497003	124.898562	
0.42256	9.740687	116.911285	1.320996
0.005857	1.248855	143.013625	
0.56341	9.740687	116.911285	1.320996
0.005857	2.007480	170.229874	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.539104	-79.209791	-1.814313
-0.007021	-1.037976	-65.231506	
0.14085	-11.539104	-79.209791	-1.814313
-0.007021	-0.277866	-74.875917	
0.28171	-11.539104	-79.209791	-1.814313
-0.007021	-0.362616	-85.227242	
0.42256	-11.539104	-79.209791	-1.814313
-0.007021	-0.916242	-104.965712	
0.56341	-11.539104	-79.209791	-1.814313
-0.007021	-1.471142	-137.693255	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.970467	125.669699	1.320996
0.005883	0.742407	126.351791	
0.14085	10.970467	125.669699	1.320996
0.005883	0.208500	122.160785	
0.28171	10.970467	125.669699	1.320996
0.005883	0.497003	124.898562	
0.42256	10.970467	125.669699	1.320996
0.005883	1.248855	143.013625	
0.56341	10.970467	125.669699	1.320996
0.005883	2.007480	170.229874	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3698

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044221	-85.570273	-1.814313
-0.007115	-1.037976	-65.231506	
0.14085	-12.044221	-85.570273	-1.814313
-0.007115	-0.277866	-74.875917	
0.28171	-12.044221	-85.570273	-1.814313
-0.007115	-0.362616	-85.227242	
0.42256	-12.044221	-85.570273	-1.814313
-0.007115	-0.916242	-104.965712	
0.56341	-12.044221	-85.570273	-1.814313
-0.007115	-1.471142	-137.693255	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.970467	125.669699	1.320996
0.005883	0.742407	126.351791	
0.14085	10.970467	125.669699	1.320996
0.005883	0.208500	122.160785	
0.28171	10.970467	125.669699	1.320996
0.005883	0.497003	124.898562	
0.42256	10.970467	125.669699	1.320996
0.005883	1.248855	143.013625	
0.56341	10.970467	125.669699	1.320996
0.005883	2.007480	170.229874	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.044221	-85.570273	-1.814313
-0.007115	-1.037976	-65.231506	
0.14085	-12.044221	-85.570273	-1.814313
-0.007115	-0.277866	-74.875917	
0.28171	-12.044221	-85.570273	-1.814313
-0.007115	-0.362616	-85.227242	
0.42256	-12.044221	-85.570273	-1.814313
-0.007115	-0.916242	-104.965712	
0.56341	-12.044221	-85.570273	-1.814313
-0.007115	-1.471142	-137.693255	

ELEM 352 ========== LENGTH = 2.977259

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.519622	15.438911	0.271105
0.000840	0.303737	2.641841	
0.57748	0.519622	15.438911	0.271105
0.000840	0.190059	2.562493	
0.71832	0.519622	15.438911	0.271105
0.000840	0.076380	2.793733	
0.85916	0.519622	15.438911	0.271105
0.000840	0.052892	5.281133	
1.00000	0.519622	15.438911	0.271105
0.000840	0.213646	8.199234	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-4.073931	-7.716223	-0.383275
-1.22E-05	-0.429207	-23.717304	
0.57748	-4.073931	-7.716223	-0.383275
-1.22E-05	-0.268495	-29.599193	
0.71832	-4.073931	-7.716223	-0.383275
-1.22E-05	-0.107799	-35.537865	
0.85916	-4.073931	-7.716223	-0.383275
-1.22E-05	-0.037307	-41.501605	
1.00000	-4.073931	-7.716223	-0.383275
-1.22E-05	-0.150976	-47.572706	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.915214	39.557983	0.485313
0.001649	0.541360	29.249764	
0.57748	0.915214	39.557983	0.485313
0.001649	0.337861	21.464706	
0.71832	0.915214	39.557983	0.485313
0.001649	0.134362	14.498699	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3699

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	0.915214	39.557983	0.485313
0.001649	0.088501	11.720945	
1.00000	0.915214	39.557983	0.485313
0.001649	0.354966	14.805430	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-8.138544	-13.299734	-0.635395
-0.000301	-0.710822	-30.138668	
0.57748	-8.138544	-13.299734	-0.635395
-0.000301	-0.444398	-36.324979	
0.71832	-8.138544	-13.299734	-0.635395
-0.000301	-0.178624	-45.155270	
0.85916	-8.138544	-13.299734	-0.635395
-0.000301	-0.069572	-56.332436	
1.00000	-8.138544	-13.299734	-0.635395
-0.000301	-0.272636	-68.187666	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.951491	91.621850	0.543594
0.001287	0.605009	170.551719	
0.57748	0.951491	91.621850	0.543594
0.001287	0.377073	140.045558	
0.71832	0.951491	91.621850	0.543594
0.001287	0.149136	109.835776	
0.85916	0.951491	91.621850	0.543594
0.001287	0.105287	82.760431	
1.00000	0.951491	91.621850	0.543594
0.001287	0.422845	59.384313	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-11.398890	-10.462765	-0.757224

```
-5.20E-05   -0.847298   -28.015506
0.57748   -11.398890   -10.462765   -0.757224
-5.20E-05   -0.529783   -34.264195
0.71832   -11.398890   -10.462765   -0.757224
-5.20E-05   -0.212272   -41.898876
0.85916   -11.398890   -10.462765   -0.757224
-5.20E-05   -0.078940   -51.085824
1.00000   -11.398890   -10.462765   -0.757224
-5.20E-05   -0.306842   -60.644968

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    7.440849   81.800510    0.670430
 0.004551   0.746879  159.321986
0.57748    7.440849   81.800510    0.670430
 0.004551   0.465761  133.846148
0.71832    7.440849   81.800510    0.670430
 0.004551   0.184631  117.516673
0.85916    7.440849   81.800510    0.670430
 0.004551   0.150038  115.787691
1.00000    7.440849   81.800510    0.670430
 0.004551   0.555964  128.532312

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -9.793937  -91.526792   -0.972052
-0.004002  -1.076338  -84.039855
0.57748   -9.793937  -91.526792   -0.972052
-0.004002  -0.666868  -59.080919
0.71832   -9.793937  -91.526792   -0.972052
-0.004002  -0.274038  -47.224606
0.85916   -9.793937  -91.526792   -0.972052
-0.004002  -0.105006  -43.932903
1.00000   -9.793937  -91.526792   -0.972052
-0.004002  -0.377724  -53.231356

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    0.508330   38.373528    0.223897
 0.000599   0.247702   67.306393
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3700

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.57748    0.508330   38.373528    0.223897
 0.000599   0.153826   51.792310
0.71832    0.508330   38.373528    0.223897
 0.000599   0.059962   36.649051
0.85916    0.508330   38.373528    0.223897
 0.000599   0.033746   22.258626
1.00000    0.508330   38.373528    0.223897
 0.000599   0.135041   13.499520

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -5.033327   -3.082500   -0.241573
-0.000168  -0.000140   -0.000872
0.57748   -5.033327   -3.082500   -0.241573
-0.000168  -0.168851   -5.571572
0.71832   -5.033327   -3.082500   -0.241573
-0.000168  -0.067574   -6.233584
0.85916   -5.033327   -3.082500   -0.241573
-0.000168  -0.033995   -8.882062
1.00000   -5.033327   -3.082500   -0.241573
-0.000168  -0.127825   -12.067691

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    4.521282   86.054398    0.340786
 0.005113   0.377382  204.520186
0.57748    4.521282   86.054398    0.340786
 0.005113   0.234488  171.044952
0.71832    4.521282   86.054398    0.340786
 0.005113   0.091592  147.784776
0.85916    4.521282   86.054398    0.340786
 0.005113   0.098622  139.155901
1.00000    4.521282   86.054398    0.340786
 0.005113   0.324486  134.248348

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -7.786959  -60.579813   -0.543406
-0.004873  -0.588809  -26.096446
0.57748   -7.786959  -60.579813   -0.543406
-0.004873  -0.361123   -7.192200
0.71832   -7.786959  -60.579813   -0.543406
-0.004873  -0.150661   -6.239901
0.85916   -7.786959  -60.579813   -0.543406
-0.004873  -0.062954   -8.816526
1.00000   -7.786959  -60.579813   -0.543406
-0.004873  -0.194339  -12.120865

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    4.431050   91.176747    0.520835
 0.005261   0.578878  183.534959
0.57748    4.431050   91.176747    0.520835
 0.005261   0.360507  154.127653
0.71832    4.431050   91.176747    0.520835
 0.005261   0.142129  133.889808
0.85916    4.431050   91.176747    0.520835
 0.005261   0.127153  128.160633
1.00000    4.431050   91.176747    0.520835
 0.005261   0.454551  125.945890

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -10.369909  -60.143691   -0.780646
-0.004394  -0.856463  -35.257056
0.57748   -10.369909  -60.143691   -0.780646
-0.004394  -0.529282  -24.331313
0.71832   -10.369909  -60.143691   -0.780646
-0.004394  -0.217668  -29.369532
0.85916   -10.369909  -60.143691   -0.780646
-0.004394  -0.086758  -37.258783
1.00000   -10.369909  -60.143691   -0.780646
-0.004394  -0.294763  -45.724474
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3701

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    9.298767   80.990933    0.738971
 0.003634   0.822720  157.845641
0.57748    9.298767   80.990933    0.738971
 0.003634   0.512862  131.552942
0.71832    9.298767   80.990933    0.738971
 0.003634   0.202981  111.674399
0.85916    9.298767   80.990933    0.738971
 0.003634   0.155520  103.614279
1.00000    9.298767   80.990933    0.738971
 0.003634   0.582273  113.024346

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -9.074397  -101.449245   -1.023934
-0.003612  -1.138030  -108.492450
0.57748   -9.074397  -101.449245   -1.023934
-0.003612  -0.708794   -76.893179
0.71832   -9.074397  -101.449245   -1.023934
-0.003612  -0.289917   -55.993100
0.85916   -9.074397  -101.449245   -1.023934
-0.003612  -0.113760   -37.190410
1.00000   -9.074397  -101.449245   -1.023934
-0.003612  -0.416824   -42.274912

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    9.026991    9.698494    0.527070
7.17E-06    0.588136   11.474263
0.57748    9.026991    9.698494    0.527070
7.17E-06    0.367125    7.683163
0.71832    9.026991    9.698494    0.527070
7.17E-06    0.146102    4.332071
0.85916    9.026991    9.698494    0.527070
7.17E-06    0.092529    3.585796
1.00000    9.026991    9.698494    0.527070
7.17E-06    0.359803    3.116260

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -0.686899  -73.268660   -0.643084
-0.001036  -0.721058  -134.434796
0.57748   -0.686899  -73.268660   -0.643084
-0.001036  -0.452007  -103.755647
0.71832   -0.686899  -73.268660   -0.643084
-0.001036  -0.183754  -73.103101
0.85916   -0.686899  -73.268660   -0.643084
-0.001036  -0.074821  -42.455960
1.00000   -0.686899  -73.268660   -0.643084
-0.001036  -0.295894  -11.852788

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   15.378127   34.813195    0.691318
 0.005706   0.471544   88.699068
0.57748   15.378127   34.813195    0.691318
 0.005706   0.481633   77.220167
0.71832   15.378127   34.813195    0.691318
 0.005706   0.191733   78.274654
0.85916   15.378127   34.813195    0.691318
 0.005706   0.166571   98.314977
1.00000   15.378127   34.813195    0.691318
 0.005706   0.580074  119.826239

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -1.967608  -160.183144   -0.993813
-0.007083  -1.091535  -174.682221
0.57748   -1.967608  -160.183144   -0.993813
-0.007083  -0.675808  -115.398596
0.71832   -1.967608  -160.183144   -0.993813
-0.007083  -0.281606  -76.154823
0.85916   -1.967608  -160.183144   -0.993813
-0.007083  -0.111973  -39.169638
1.00000   -1.967608  -160.183144   -0.993813
-0.007083  -0.387947   -9.871868
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3702

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   13.176162   77.822642    0.765513
 0.004084   0.852007  182.689098
0.57748   13.176162   77.822642    0.765513
 0.004084   0.531056  152.345976
0.71832   13.176162   77.822642    0.765513
 0.004084   0.210092  130.721324
0.85916   13.176162   77.822642    0.765513
 0.004084   0.166266  122.379877
1.00000   13.176162   77.822642    0.765513
 0.004084   0.602778  115.837180

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -6.350426  -131.258280   -1.048241
-0.005109  -1.159190  -157.457146
0.57748   -6.350426  -131.258280   -1.048241
-0.005109  -0.720513  -107.742702
0.71832   -6.350426  -131.258280   -1.048241
-0.005109  -0.296681   -71.828059
0.85916   -6.350426  -131.258280   -1.048241
-0.005109  -0.120527   -37.526153
1.00000   -6.350426  -131.258280   -1.048241
-0.005109  -0.431980  -11.191974

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   11.302701   80.016743    0.819302
 0.003932   0.911990  159.280867
0.57748   11.302701   80.016743    0.819302
 0.003932   0.568453  131.351732
0.71832   11.302701   80.016743    0.819302
 0.003932   0.224906  111.316282
0.85916   11.302701   80.016743    0.819302
 0.003932   0.170385  103.222468
1.00000   11.302701   80.016743    0.819302
 0.003932   0.631421   99.356476

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -8.382043  -113.007702   -1.105495
-0.004267  -1.225951  -137.273647
0.57748   -8.382043  -113.007702   -1.105495
-0.004267  -0.763122   -99.294250
0.71832   -8.382043  -113.007702   -1.105495
-0.004267  -0.312573   -73.222249
0.85916   -8.382043  -113.007702   -1.105495
-0.004267  -0.126603   -50.643540
1.00000   -8.382043  -113.007702   -1.105495
-0.004267  -0.462270   -34.501769

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    0.625165   19.345729    0.379392
 0.000813   0.426237    3.552367
0.57748    0.625165   19.345729    0.379392
 0.000813   0.267130    3.353870
0.71832    0.625165   19.345729    0.379392
 0.000813   0.107316    5.175433
0.85916    0.625165   19.345729    0.379392
 0.000813   0.068175    8.947738
1.00000    0.625165   19.345729    0.379392
 0.000813   0.275131   12.988858

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -4.123415  -10.268655   -0.493917
-9.10E-06  -0.553111   -30.283657
0.57748   -4.123415  -10.268655   -0.493917
-9.10E-06  -0.346065   -34.874387
0.71832   -4.123415  -10.268655   -0.493917
-9.10E-06  -0.139059   -41.328138
0.85916   -4.123415  -10.268655   -0.493917
-9.10E-06  -0.050591   -49.035756
1.00000   -4.123415  -10.268655   -0.493917
-9.10E-06  -0.210555   -56.845615
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3703

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    1.029821   45.154183    0.648914
 0.001465   0.726066   31.898506
0.57748    1.029821   45.154183    0.648914
 0.001465   0.453946   23.263459
0.71832    1.029821   45.154183    0.648914
 0.001465   0.180980   17.434729
0.85916    1.029821   45.154183    0.648914
 0.001465   0.117239   15.946951
1.00000    1.029821   45.154183    0.648914
 0.001465   0.470474   19.861094

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -8.294989  -15.964055   -0.842914
-0.000229  -0.943767   -37.095696
0.57748   -8.294989  -15.964055   -0.842914
-0.000229  -0.590188   -42.755458
0.71832   -8.294989  -15.964055   -0.842914
-0.000229  -0.237086   -51.916592
0.85916   -8.294989  -15.964055   -0.842914
-0.000229  -0.089363   -64.041927
1.00000   -8.294989  -15.964055   -0.842914
-0.000229  -0.361977   -78.948735

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    1.122389   90.732858    0.762555
 0.001213   0.851366  172.853417
0.57748    1.122389   90.732858    0.762555
 0.001213   0.531877  144.364360
0.71832    1.122389   90.732858    0.762555
 0.001213   0.211266  118.085898
0.85916    1.122389   90.732858    0.762555
 0.001213   0.142456   95.295533
1.00000    1.122389   90.732858    0.762555
 0.001213   0.572243   76.281900

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -10.902149  -14.338917   -1.025826
-6.65E-05  -1.147630   -34.414936
0.57748   -10.902149  -14.338917   -1.025826
-6.65E-05  -0.717697   -39.659414
0.71832   -10.902149  -14.338917   -1.025826
-6.65E-05  -0.287863   -47.465920
0.85916   -10.902149  -14.338917   -1.025826
-6.65E-05  -0.105691   -57.819587
1.00000   -10.902149  -14.338917   -1.025826
-6.65E-05  -0.426449   -69.957539

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    6.720901   82.483227    0.994873
 0.003730   0.693884  166.189880
0.57748    6.720901   82.483227    0.994873
 0.003730   0.693628  141.998035
0.71832    6.720901   82.483227    0.994873
 0.003730   0.275671  127.033279
0.85916    6.720901   82.483227    0.994873
 0.003730   0.194691  126.930253
1.00000    6.720901   82.483227    0.994873
 0.003730   0.739622  139.254040

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -9.363768  -83.413071   -1.305149
-0.003197  -1.450907   -82.747096
0.57748   -9.363768  -83.413071   -1.305149
-0.003197  -0.903958   -59.205866
0.71832   -9.363768  -83.413071   -1.305149
-0.003197  -0.365505   -50.001018
0.85916   -9.363768  -83.413071   -1.305149
-0.003197  -0.149197   -50.196778
1.00000   -9.363768  -83.413071   -1.305149
-0.003197  -0.559283   -61.955705
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3704

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    0.519804   36.097550    0.283477
 0.000501   0.314765   66.069932
0.57748    0.519804   36.097550    0.283477
 0.000501   0.195775   51.455815
0.71832    0.519804   36.097550    0.283477
 0.000501   0.076746   37.345659
0.85916    0.519804   36.097550    0.283477
 0.000501   0.051140   24.622933
1.00000    0.519804   36.097550    0.283477
 0.000501   0.203684   15.422941

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -4.922242   -3.534949   -0.364413
-0.000173  -0.407745   -6.544575
0.57748   -4.922242   -3.534949   -0.364413
-0.000173  -0.254868   -6.194683
0.71832   -4.922242   -3.534949   -0.364413
-0.000173  -0.102138   -6.719087
0.85916   -4.922242   -3.534949   -0.364413
-0.000173  -0.040977   -8.312850
1.00000   -4.922242   -3.534949   -0.364413
-0.000173  -0.160189   -11.657323

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    4.061165   79.970459    0.505860
 0.004438   0.562569  207.914311
0.57748    4.061165   79.970459    0.505860
 0.004438   0.350242  177.119844
0.71832    4.061165   79.970459    0.505860
 0.004438   0.137909  155.632496
0.85916    4.061165   79.970459    0.505860
 0.004438   0.121741  146.466142
1.00000    4.061165   79.970459    0.505860
 0.004438   0.422476  140.871935

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -7.195529  -52.802608   -0.722577
-0.004231  -0.792146   -26.249174
0.57748   -7.195529  -52.802608   -0.722577
-0.004231  -0.489366    -7.409050
0.71832   -7.195529  -52.802608   -0.722577
-0.004231  -0.200231    -6.533734
0.85916   -7.195529  -52.802608   -0.722577
-0.004231  -0.088704    -8.298511
1.00000   -7.195529  -52.802608   -0.722577
-0.004231  -0.288871   -11.938535

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    3.959610   89.347337    0.745627
 0.004615   0.832036  186.750889
0.57748    3.959610   89.347337    0.745627
 0.004615   0.518793  159.800262
0.71832    3.959610   89.347337    0.745627
 0.004615   0.205458  142.117322
0.85916    3.959610   89.347337    0.745627
 0.004615   0.161101  137.311979
1.00000    3.959610   89.347337    0.745627
 0.004615   0.592546  135.273089

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -9.887784  -54.939104   -1.031874
-0.003816  -1.140216   -38.459180
0.57748   -9.887784  -54.939104   -1.031874
-0.003816  -0.707746   -26.700350
0.71832   -9.887784  -54.939104   -1.031874
-0.003816  -0.287597   -31.985387
0.85916   -9.887784  -54.939104   -1.031874
-0.003816  -0.119210   -40.907989
1.00000   -9.887784  -54.939104   -1.031874
-0.003816  -0.421450   -51.129437
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3705

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    8.311324   80.777571    1.102604
 0.003003   1.230179  160.819673
0.57748    8.311324   80.777571    1.102604
 0.003003   0.767273  135.863932
0.71832    8.311324   80.777571    1.102604
 0.003003   0.304437  117.855403
0.85916    8.311324   80.777571    1.102604
 0.003003   0.206869  111.261132
1.00000    8.311324   80.777571    1.102604
 0.003003   0.793510  123.130719

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -8.585981  -93.742564   -1.402676
-0.002967  -1.562228  -102.823956
0.57748   -8.585981  -93.742564   -1.402676
-0.002967  -0.974481   -72.900270
0.71832   -8.585981  -93.742564   -1.402676
-0.002967  -0.393605   -54.451575
0.85916   -8.585981  -93.742564   -1.402676
-0.002967  -0.163355   -41.005780
1.00000   -8.585981  -93.742564   -1.402676
-0.002967  -0.620352   -48.597642

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664    8.192785   12.011748    0.815951
 4.23E-06   0.910207   12.670786
0.57748    8.192785   12.011748    0.815951
 4.23E-06   0.567923    7.920312
0.71832    8.192785   12.011748    0.815951
 4.23E-06   0.225854    4.756753
0.85916    8.192785   12.011748    0.815951
 4.23E-06   0.130559    4.065854
1.00000    8.192785   12.011748    0.815951
 4.23E-06   0.517191    3.706975

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -0.565712  -70.708374   -0.921699
-0.000960  -1.030634  -132.596073
0.57748   -0.565712  -70.708374   -0.921699
-0.000960  -0.645527  -103.177447
0.71832   -0.565712  -70.708374   -0.921699
-0.000960  -0.259359   -75.212896
0.85916   -0.565712  -70.708374   -0.921699
-0.000960  -0.115245   -48.842447
1.00000   -0.565712  -70.708374   -0.921699
-0.000960  -0.457662   -22.615318

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   14.306016   35.768747    1.113277
 0.005737   1.241187   94.981413
0.57748   14.306016   35.768747    1.113277
 0.005737   0.775095   83.295658
0.71832   14.306016   35.768747    1.113277
 0.005737   0.308226   86.252290
0.85916   14.306016   35.768747    1.113277
 0.005737   0.219530  107.507793
1.00000   14.306016   35.768747    1.113277
 0.005737   0.787534  130.155256

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -1.618946  -153.754467   -1.358448
-0.007029  -1.497992  -172.140998
0.57748   -1.618946  -153.754467   -1.358448
-0.007029  -0.929580  -110.995286
0.71832   -1.618946  -153.754467   -1.358448
-0.007029  -0.379024   -75.887856
0.85916   -1.618946  -153.754467   -1.358448
-0.007029  -0.180035   -44.991400
1.00000   -1.618946  -153.754467   -1.358448
-0.007029  -0.629640   -16.948759
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   3706

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   12.330423   72.136909    1.190112
 0.004312   1.326455  181.096630
0.57748   12.330423   72.136909    1.190112
 0.004312   0.827073  153.691006
0.71832   12.330423   72.136909    1.190112
 0.004312   0.327925  136.894963
0.85916   12.330423   72.136909    1.190112
 0.004312   0.226946  133.748581
1.00000   12.330423   72.136909    1.190112
 0.004312   0.841377  131.894141

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.43664   -5.524050  -127.906045   -1.467777
-0.005254  -1.625990  -154.064335
0.57748   -5.524050  -127.906045   -1.467777
-0.005254  -1.011965  -102.939913
0.71832   -5.524050  -127.906045   -1.467777
-0.005254  -0.410455   -70.826815
0.85916   -5.524050  -127.906045   -1.467777
-0.005254  -0.185473   -42.041465
1.00000   -5.524050  -127.906045   -1.467777
-0.005254  -0.672414   -16.118457

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.43664   10.589035   77.908976    1.227776
 0.004082   1.369063  158.636257
0.57748   10.589035   77.908976    1.227776
 0.004082   0.853776  132.773883
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 0.71832    10.589035    77.908976     1.227776
 0.004082    0.338566   116.978504
 0.85916    10.589035    77.908976     1.227776
 0.004082    0.231710   114.213938
 1.00000    10.589035    77.908976     1.227776
 0.004082    0.873257   114.662938

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43664   -7.861956 -111.461608    -1.532356
-0.004395   -1.701628 -136.100729
 0.57748   -7.861956 -111.461608    -1.532356
-0.004395   -1.060150  -96.777050
 0.71832   -7.861956 -111.461608    -1.532356
-0.004395   -0.429120  -74.383598
 0.85916   -7.861956 -111.461608    -1.532356
-0.004395   -0.187302  -56.187703
 1.00000   -7.861956 -111.461608    -1.532356
-0.004395   -0.692215  -41.325363

COMB       DB -------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43664   15.378127    91.621850     0.819302
 0.005706    0.911990   204.520186
 0.57748   15.378127    91.621850     0.819302
 0.005706    0.568453   171.044952
 0.71832   15.378127    91.621850     0.819302
 0.005706    0.224906   147.764776
 0.85916   15.378127    91.621850     0.819302
 0.005706    0.170385   139.159001
 1.00000   15.378127    91.621850     0.819302
 0.005706    0.631421   134.248348

COMB       DB -------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43664  -11.398890  -160.183144    -1.105495
-0.007083   -1.225951  -174.682221
 0.57748  -11.398890  -160.183144    -1.105495
-0.007083   -0.763122  -115.398596
 0.71832  -11.398890  -160.183144    -1.105495
-0.007083   -0.312573   -76.154823
 0.85916  -11.398890  -160.183144    -1.105495
-0.007083   -0.126603   -56.329436
 1.00000  -11.398890  -160.183144    -1.105495
-0.007083   -0.462270   -68.187666
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3707

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       DL -------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43664   14.306016    90.732858     1.227776
 0.005737    1.369063   207.914311
 0.57748   14.306016    90.732858     1.227776
 0.005737    0.853776   177.119844
 0.71832   14.306016    90.732858     1.227776
 0.005737    0.338566   155.632496
 0.85916   14.306016    90.732858     1.227776
 0.005737    0.231710   146.466142
 1.00000   14.306016    90.732858     1.227776
 0.005737    0.873257   140.871935

COMB       DL -------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43664  -10.902149  -153.754467    -1.532356
-0.007029   -1.701628  -172.140998
 0.57748  -10.902149  -153.754467    -1.532356
-0.007029   -1.060150  -110.995286
 0.71832  -10.902149  -153.754467    -1.532356
-0.007029   -0.429120   -75.867856
 0.85916  -10.902149  -153.754467    -1.532356
-0.007029   -0.187302   -64.041927
 1.00000  -10.902149  -153.754467    -1.532356
-0.007029   -0.692215   -78.948735

COMB       CAR -------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43664   15.378127    91.621850     1.227776
 0.005737    1.369063   207.914311
 0.57748   15.378127    91.621850     1.227776
 0.005737    0.853776   177.119844
 0.71832   15.378127    91.621850     1.227776
 0.005737    0.338566   155.632496
 0.85916   15.378127    91.621850     1.227776
 0.005737    0.231710   146.466142
 1.00000   15.378127    91.621850     1.227776
 0.005737    0.873257   140.871935

COMB       CAR -------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43664  -11.398890  -160.183144    -1.532356
-0.007083   -1.701628  -174.682221
 0.57748  -11.398890  -160.183144    -1.532356
-0.007083   -1.060150  -115.398596
 0.71832  -11.398890  -160.183144    -1.532356
-0.007083   -0.429120   -76.154823
 0.85916  -11.398890  -160.183144    -1.532356
-0.007083   -0.187302   -64.041927
 1.00000  -11.398890  -160.183144    -1.532356
-0.007083   -0.692215   -78.948735

COMB    DESIGN -------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.43664   15.378127    91.621850     1.227776
 0.005737    1.369063   207.914311
 0.57748   15.378127    91.621850     1.227776
 0.005737    0.853776   177.119844
 0.71832   15.378127    91.621850     1.227776
 0.005737    0.338566   155.632496
 0.85916   15.378127    91.621850     1.227776
 0.005737    0.231710   146.466142
 1.00000   15.378127    91.621850     1.227776
 0.005737    0.873257   140.871935

COMB    DESIGN -------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.43664  -11.398890  -160.183144    -1.532356
-0.007083   -1.701628  -174.682221
 0.57748  -11.398890  -160.183144    -1.532356
-0.007083   -1.060150  -115.398596
 0.71832  -11.398890  -160.183144    -1.532356
-0.007083   -0.429120   -76.154823
 0.85916  -11.398890  -160.183144    -1.532356
-0.007083   -0.187302   -64.041927
 1.00000  -11.398890  -160.183144    -1.532356
-0.007083   -0.692215   -78.948735
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3708

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

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COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.504830    15.339513     0.284348
 0.000487    0.162375     8.207279
 0.14084    0.504830    15.339513     0.284348
 0.000487    0.043181    11.248313

 0.28168    0.504830    15.339513     0.284348
 0.000487    0.106884    14.344150
 0.42252    0.504830    15.339513     0.284348
 0.000487    0.271134    17.492912
 0.56336    0.504830    15.339513     0.284348
 0.000487    0.435401    20.656028

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -4.037651   -7.570509    -0.391751
-6.78E-06   -0.221670   -47.586139
 0.14084   -4.037651   -7.570509    -0.391751
-6.78E-06   -0.057369   -53.787435
 0.28168   -4.037651   -7.570509    -0.391751
-6.78E-06   -0.076150   -60.038170
 0.42252   -4.037651   -7.570509    -0.391751
-6.78E-06   -0.195319   -66.297484
 0.56336   -4.037651   -7.570509    -0.391751
-6.78E-06   -0.314550   -72.586079

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.807701    40.756251     0.477227
 0.001091    0.269210    14.827636
 0.14084    0.807701    40.756251     0.477227
 0.001091    0.069537    17.661880
 0.28168    0.807701    40.756251     0.477227
 0.001091    0.178601    20.332994
 0.42252    0.807701    40.756251     0.477227
 0.001091    0.453059    24.802783
 0.56336    0.807701    40.756251     0.477227
 0.001091    0.728156    29.345106

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.160349   -11.223178    -0.656067
-0.000185   -0.372321   -68.213470
 0.14084   -8.160349   -11.223178    -0.656067
-0.000185   -0.097098   -82.585917
 0.28168   -8.160349   -11.223178    -0.656067
-0.000185   -0.131214   -97.204191
 0.42252   -8.160349   -11.223178    -0.656067
-0.000185   -0.331306  -112.207446
 0.56336   -8.160349   -11.223178    -0.656067
-0.000185   -0.531413  -128.284785

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.973140    90.529338     0.522552
 0.001228    0.293210    59.365402
 0.14084    0.973140    90.529338     0.522552
 0.001228    0.074175    43.549719
 0.28168    0.973140    90.529338     0.522552
 0.001228    0.209848    41.919017
 0.42252    0.973140    90.529338     0.522552
 0.001228    0.526985    43.710738
 0.56336    0.973140    90.529338     0.522552
 0.001228    0.844233    46.510171

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -11.258834  -10.305406    -0.756756
-0.000219   -0.425159   -60.859922
 0.14084  -11.258834  -10.305406    -0.756756
-0.000219   -0.107947   -70.160187
 0.28168  -11.258834  -10.305406    -0.756756
-0.000219   -0.145156   -83.848978
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3709

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.42252  -11.258834  -10.305406    -0.756756
-0.000219   -0.364269  -119.878857
 0.56336  -11.258834  -10.305406    -0.756756
-0.000219   -0.583383  -157.497321

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    5.200289   115.303366     0.657407
 0.000472    0.370053   158.706653
 0.14084    5.200289   115.303366     0.657407
 0.000472    0.102025   117.447034
 0.28168    5.200289   115.303366     0.657407
 0.000472    0.275805   117.680746
 0.42252    5.200289   115.303366     0.657407
 0.000472    0.684089   129.572516
 0.56336    5.200289   115.303366     0.657407
 0.000472    1.104947   149.910134

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -11.513954  -54.941015    -1.003816
-0.003911   -0.580396   -53.236959
 0.14084  -11.513954  -54.941015    -1.003816
-0.003911   -0.159527   -62.606594
 0.28168  -11.513954  -54.941015    -1.003816
-0.003911   -0.181377   -75.791955
 0.42252  -11.513954  -54.941015    -1.003816
-0.003911   -0.457054  -106.382766
 0.56336  -11.513954  -54.941015    -1.003816
-0.003911   -0.732712  -147.475068

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.514029    37.918672     0.195039
 0.000503    0.107036    13.492037
 0.14084    0.514029    37.918672     0.195039
 0.000503    0.025321     9.893289
 0.28168    0.514029    37.918672     0.195039
 0.000503    0.068753    10.325485
 0.42252    0.514029    37.918672     0.195039
 0.000503    0.174511     9.535124
 0.56336    0.514029    37.918672     0.195039
 0.000503    0.280281     9.963809

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -4.982513   -2.970022    -0.252246
-7.73E-05   -0.142803   -12.071855
 0.14084   -4.982513   -2.970022    -0.252246
-7.73E-05   -0.037001   -15.631641
 0.28168   -4.982513   -2.970022    -0.252246
-7.73E-05   -0.056532   -30.184799
 0.42252   -4.982513   -2.970022    -0.252246
-7.73E-05   -0.138316   -45.292358
 0.56336   -4.982513   -2.970022    -0.252246
-7.73E-05   -0.220100   -60.933057

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.380973   132.117871     0.307337
 0.005506    0.169967   134.500337
 0.14084    1.380973   132.117871     0.307337
 0.005506    0.051503    92.731363
 0.28168    1.380973   132.117871     0.307337
 0.005506    0.149344    66.151261
 0.42252    1.380973   132.117871     0.307337
 0.005506    0.357091    55.316207
 0.56336    1.380973   132.117871     0.307337
 0.005506    0.582071    55.859792

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.199200   -9.969832    -0.536707
-0.005018   -0.320432   -12.117893
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3710

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.14084  -10.199200   -9.969832    -0.536707
-0.005018   -0.095582   -15.506223
 0.28168  -10.199200   -9.969832    -0.536707
-0.005018   -0.087763   -24.018518
 0.42252  -10.199200   -9.969832    -0.536707
-0.005018   -0.216640   -56.210244
 0.56336  -10.199200   -9.969832    -0.536707
-0.005018   -0.345516  -101.060279

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.599875   132.696495     0.492664
 0.005356    0.275524   126.180293
 0.14084    1.599875   132.696495     0.492664
 0.005356    0.078505    90.823560
 0.28168    1.599875   132.696495     0.492664
 0.005356    0.216172    69.114130
 0.42252    1.599875   132.696495     0.492664
 0.005356    0.528933    61.584302
 0.56336    1.599875   132.696495     0.492664
 0.005356    0.857300    64.330356

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -12.517493  -14.349130    -0.783202
-0.004535   -0.458435  -145.738964
 0.14084  -12.517493  -14.349130    -0.783202
-0.004535   -0.130136   -54.231900
 0.28168  -12.517493  -14.349130    -0.783202
-0.004535   -0.137684   -67.743205
 0.42252  -12.517493  -14.349130    -0.783202
-0.004535   -0.344214  -102.427771
 0.56336  -12.517493  -14.349130    -0.783202
-0.004535   -0.550800  -148.481183

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    7.513750   108.070125     0.719892
 0.003711    0.404475   113.148975
 0.14084    7.513750   108.070125     0.719892
 0.003711    0.108780   112.028386
 0.28168    7.513750   108.070125     0.719892
 0.003711    0.294242   122.806215
 0.42252    7.513750   108.070125     0.719892
 0.003711    0.733462   143.649514
 0.56336    7.513750   108.070125     0.719892
 0.003711    1.182931   171.418950

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.453158   -72.031912    -1.072026
-0.003530   -0.616529   -42.275124
 0.14084  -10.453158   -72.031912    -1.072026
-0.003530   -0.167086   -51.256179
 0.28168  -10.453158   -72.031912    -1.072026
-0.003530   -0.159266   -64.210681
 0.42252  -10.453158   -72.031912    -1.072026
-0.003530   -0.501099   -95.360269
 0.56336  -10.453158   -72.031912    -1.072026
-0.003530   -0.802961  -134.295984

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    9.107780    9.793611     0.532811
 0.000153    0.301029    3.113166
 0.14084    9.107780    9.793611     0.532811
 0.000153    0.077615   20.720752
 0.28168    9.107780    9.793611     0.532811
 0.000153    0.191401   51.350510
 0.42252    9.107780    9.793611     0.532811
 0.000153    0.486547   82.199043
 0.56336    9.107780    9.793611     0.532811
 0.000153    0.781775  113.132037
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3711

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.678442   -73.913979    -0.704134
-0.000983   -0.399245   -11.885458
 0.14084   -0.678445   -73.913979    -0.704134
-0.000983   -0.103963   -11.067444
 0.28168   -0.678445   -73.913979    -0.704134
-0.000983   -0.145783   -14.335167
 0.42252   -0.678445   -73.913979    -0.704134
-0.000983   -0.369914   -17.844476
 0.56336   -0.678445   -73.913979    -0.704134
-0.000983   -0.592631   -21.786206

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   11.635103    92.000383     0.700296
 0.006037    0.395733   120.160761
 0.14084   11.635103    92.000383     0.700296
 0.006037    0.114641   121.816870
 0.28168   11.635103    92.000383     0.700296
 0.006037    0.025012   130.599239
 0.42252   11.635103    92.000383     0.700296
 0.006037    0.717602   156.059571
 0.56336   11.635103    92.000383     0.700296
 0.006037    1.165489   194.696351

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -5.001730   -99.461846    -1.068258
-0.006957   -0.628904    -9.854188
 0.14084   -5.001730   -99.461846    -1.068258
-0.006957   -0.180982   -14.368179
 0.28168   -5.001730   -99.461846    -1.068258
-0.006957   -0.191485   -18.969661
 0.42252   -5.001730   -99.461846    -1.068258
-0.006957   -0.485156   -26.293226
 0.56336   -5.001730   -99.461846    -1.068258
-0.006957   -0.778823   -51.362444

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   10.646832   116.470541     0.749106
 0.004512    0.420808   116.039767
 0.14084   10.646832   116.470541     0.749106
 0.004512    0.115325   113.151247
 0.28168   10.646832   116.470541     0.749106
 0.004512    0.303317   124.770534
 0.42252   10.646832   116.470541     0.749106
 0.004512    0.751857   149.738310
 0.56336   10.646832   116.470541     0.749106
 0.004512    1.214861   184.277887

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.358521   -89.807420    -1.104255
-0.005138   -0.639231   -11.173757
 0.14084   -8.358521   -89.807420    -1.104255
-0.005138   -0.176362   -14.736440
 0.28168   -8.358521   -89.807420    -1.104255
-0.005138   -0.207392   -23.619771
 0.42252   -8.358521   -89.807420    -1.104255
-0.005138   -0.521521   -53.563764
 0.56336   -8.358521   -89.807420    -1.104255
-0.005138   -0.835636   -93.726019

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    9.215169   111.730205     0.797111
 0.004080    0.447552    99.530364
 0.14084    9.215169   111.730205     0.797111
 0.004080    0.120453    98.760781
 0.28168    9.215169   111.730205     0.797111
 0.004080    0.318438   110.090265
 0.42252    9.215169   111.730205     0.797111
 0.004080    0.793767   132.536953
 0.56336    9.215169   111.730205     0.797111
 0.004080    1.281023   162.912044
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3712

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.014656   -78.680834    -1.162140
-0.004256   -0.669793   -34.497429
 0.14084  -10.014656   -78.680834    -1.162140
-0.004256   -0.182597   -43.212923
 0.28168  -10.014656   -78.680834    -1.162140
-0.004256   -0.220912   -55.885990
 0.42252  -10.014656   -78.680834    -1.162140
-0.004256   -0.555171   -86.458274
 0.56336  -10.014656   -78.680834    -1.162140
-0.004256   -0.889416  -125.928948

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.603442    19.180371     0.412981
 0.000451    0.237126    13.005501
 0.14084    0.603442    19.180371     0.412981
 0.000451    0.063186    17.154527
 0.28168    0.603442    19.180371     0.412981
 0.000451    0.137265    21.343296
 0.42252    0.603442    19.180371     0.412981
 0.000451    0.347966    25.561242
 0.56336    0.603442    19.180371     0.412981
 0.000451    0.559021    29.794426

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -4.085004   -10.115560    -0.503620
-3.95E-06   -0.284207   -56.863891
 0.14084   -4.085004   -10.115560    -0.503620
-3.95E-06   -0.073615   -64.683856
 0.28168   -4.085004   -10.115560    -0.503620
-3.95E-06   -0.108970   -72.582232
 0.42252   -4.085004   -10.115560    -0.503620
-3.95E-06   -0.282973   -80.516143
 0.56336   -4.085004   -10.115560    -0.503620
-3.95E-06   -0.455805   -88.478411

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.948859    45.687234     0.668731
 0.000942    0.380194    19.885432
 0.14084    0.948859    45.687234     0.668731
 0.000942    0.099052    24.495220
 0.28168    0.948859    45.687234     0.668731
 0.000942    0.235921    29.681623
 0.42252    0.948859    45.687234     0.668731
 0.000942    0.596524    35.292898
 0.56336    0.948859    45.687234     0.668731
 0.000942    0.958004    41.168043

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -8.296540   -14.632137    -0.862706
-0.000112   -0.487135   -78.983615
 0.14084   -8.296540   -14.632137    -0.862706
-0.000112   -0.126243   -95.408026
 0.28168   -8.296540   -14.632137    -0.862706
-0.000112   -0.180271   -112.358841
 0.42252   -8.296540   -14.632137    -0.862706
-0.000112   -0.462153   -130.273541
 0.56336   -8.296540   -14.632137    -0.862706
-0.000112   -0.742074   -148.874500

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    1.118977    89.742814     0.768330
 0.001076    0.433763    76.281448
 0.14084    1.118977    89.742814     0.768330
 0.001076    0.110171    61.544461
 0.28168    1.118977    89.742814     0.768330
 0.001076    0.285535    53.680901
 0.42252    1.118977    89.742814     0.768330
 0.001076    0.717000    54.069928
 0.56336    1.118977    89.742814     0.768330
 0.001076    1.148847    57.224592
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3713

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.792825   -14.163291    -1.030918
-0.000213   -0.578439   -69.981071
 0.14084  -10.792825   -14.163291    -1.030918
-0.000213   -0.147037   -82.222039
 0.28168  -10.792825   -14.163291    -1.030918
-0.000213   -0.209662   -98.345631
 0.42252  -10.792825   -14.163291    -1.030918
-0.000213   -0.532885  -130.963824
 0.56336  -10.792825   -14.163291    -1.030918
-0.000213   -0.854820  -166.157395

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    5.045598   107.623240     1.006029
 0.003559    0.569341   139.256115
 0.14084    5.045598   107.623240     1.006029
 0.003559    0.154979   132.282912
 0.28168    5.045598   107.623240     1.006029
 0.003559    0.365527   131.021251
 0.42252    5.045598   107.623240     1.006029
 0.003559    0.913487   142.984946
 0.56336    5.045598   107.623240     1.006029
 0.003559    1.469649   162.421167

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000  -10.734541   -56.306052    -1.328123
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-0.003079   -0.758376   -61.964439
 0.14084   -10.734541   -56.306052    -1.328123
-0.003079   -0.202865   -74.003971
 0.28168   -10.734541   -56.306052    -1.328123
-0.003079   -0.274536   -89.471186
 0.42252   -10.734541   -56.306052    -1.328123
-0.003079   -0.697206  -118.382347
 0.56336   -10.734541   -56.306052    -1.328123
-0.003079   -1.118832  -157.925743

COMB DL-G2-1 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   0.525998   35.766560    0.260787
 0.000431  0.144649   15.418854
 0.14084   0.525998   35.766560    0.260787
 0.000431  0.034695    9.617498
 0.28168   0.525998   35.766560    0.260787
 0.000431  0.102664    9.343893
 0.42252   0.525998   35.766560    0.260787
 0.000431  0.257411    9.822014
 0.56336   0.525998   35.766560    0.260787
 0.000431  0.412297   10.617330

COMB DL-G2-1 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -4.898580   -3.417179   -0.369439
-4.76E-06  -0.207484  -11.664335
 0.14084  -4.898580   -3.417179   -0.369439
-4.76E-06  -0.052931  -17.221821
 0.28168  -4.898580   -3.417179   -0.369439
-4.76E-06  -0.073802  -29.843982
 0.42252  -4.898580   -3.417179   -0.369439
-4.76E-06  -0.183660  -43.885570
 0.56336  -4.898580   -3.417179   -0.369439
-4.76E-06  -0.293248  -58.329982

COMB DL-G2-2 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   1.464156  118.628248    0.481531
 0.000471  0.270523  140.884343
 0.14084   1.464156  118.628248    0.481531
 0.000471  0.081043  102.671755
 0.28168   1.464156  118.628248    0.481531
 0.000471  0.199344   72.081114
 0.42252   1.464156  118.628248    0.481531
 0.000471  0.486936   60.245825
 0.56336   1.464156  118.628248    0.481531
 0.000471  0.787602   59.181632
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3714

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -9.351976  -10.918381    -0.718010
-0.004334   -0.419473  -11.934935
 0.14084   -9.351976  -10.918381    -0.718010
-0.004334   -0.119978  -15.873873
 0.28168   -9.351976  -10.918381    -0.718010
-0.004334   -0.135028  -25.317177
 0.42252   -9.351976  -10.918381    -0.718010
-0.004334   -0.337019  -51.777274
 0.56336   -9.351976  -10.918381    -0.718010
-0.004334   -0.539069  -93.781320

COMB DL-G2-3 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   1.611383  124.163928    0.737969
 0.004613  0.417501  135.294689
 0.14084   1.611383  124.163928    0.737969
 0.004613  0.118332  103.733100
 0.28168   1.611383  124.163928    0.737969
 0.004613  0.286208   79.099821
 0.42252   1.611383  124.163928    0.737969
 0.004613  0.708595   71.441772
 0.56336   1.611383  124.163928    0.737969
 0.004613  1.143378   73.493767

COMB DL-G2-3 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -11.819116  -16.937407    -1.037464
-0.003922   -1.143417
 0.14084  -11.819116  -16.937407    -1.037464
-0.003922   -0.165390   -61.606040
 0.28168  -11.819116  -16.937407    -1.037464
-0.003922   -0.202976   -77.357810
 0.42252  -11.819116  -16.937407    -1.037464
-0.003922   -0.513220  -108.288719
 0.56336  -11.819116  -16.937407    -1.037464
-0.003922   -0.822512  -153.254514

COMB DL-G2-4 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   6.955032  101.608669    1.100871
 0.003003  0.620796  123.115469
 0.14084   6.955032  101.608669    1.100871
 0.003003  0.165186  124.647249
 0.28168   6.955032  101.608669    1.100871
 0.003003  0.395649  132.081874
 0.42252   6.955032  101.608669    1.100871
 0.003003  0.626092  151.801798
 0.56336   6.955032  101.608669    1.100871
 0.003003  1.592437  178.046421

COMB DL-G2-4 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -9.726158  -71.481606    -1.436318
-0.002870   -0.817483  -48.597653
 0.14084   -9.726158  -71.481606    -1.436318
-0.002870   -0.216280  -59.819530
 0.28168   -9.726158  -71.481606    -1.436318
-0.002870   -0.336515  -75.336579
 0.42252   -9.726158  -71.481606    -1.436318
-0.002870   -0.764369  -103.967688
 0.56336   -9.726158  -71.481606    -1.436318
-0.002870   -1.225834  -141.675108

COMB DL-G3-1 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   8.249566   12.103485    0.821920
 0.000155  0.462669   3.702346
 0.14084   8.249566   12.103485    0.821920
 0.000155  0.117772   20.297676
 0.28168   8.249566   12.103485    0.821920
 0.000155  0.264756   49.219019
 0.42252   8.249566   12.103485    0.821920
 0.000155  0.670500   78.551571
 0.56336   8.249566   12.103485    0.821920
 0.000155  1.075251  108.115786
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3715

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -0.560865  -71.266974    -0.966143
-0.000888   -0.545611  -22.636468
 0.14084   -0.560865  -71.266974    -0.966143
-0.000888   -0.139785  -17.356321
 0.28168   -0.560865  -71.266974    -0.966143
-0.000888   -0.225430  -21.267782
 0.42252   -0.560865  -71.266974    -0.966143
-0.000888   -0.569788  -25.729392
 0.56336   -0.560865  -71.266974    -0.966143
-0.000888   -0.914452  -30.578460

COMB DL-G3-2 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  10.674122   91.675764    1.125237
 0.005988  0.637299  130.190278
 0.14084  10.674122   91.675764    1.125237
 0.005988  0.184071  130.807080
 0.28168  10.674122   91.675764    1.125237
 0.005988  0.384835  137.453728
 0.42252  10.674122   91.675764    1.125237
 0.005988  0.938368  159.465350
 0.56336  10.674122   91.675764    1.125237
 0.005988  1.549402  194.055948

COMB DL-G3-2 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -4.758495   -95.104919    -1.410687
-0.006832   -0.821233   -16.942280
 0.14084   -4.758495   -95.104919    -1.410687
-0.006832   -0.230738   -20.613378
 0.28168   -4.758495   -95.104919    -1.410687
-0.006832   -0.308246   -26.520894
 0.42252   -4.758495   -95.104919    -1.410687
-0.006832   -0.779726   -35.525445
 0.56336   -4.758495   -95.104919    -1.410687
-0.006832   -1.251525   -65.254317

COMB DL-G3-3 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   9.734920  112.023808    1.179926
 0.004708  0.664187  131.903475
 0.14084   9.734920  112.023808    1.179926
 0.004708  0.182283  125.382877
 0.28168   9.734920  112.023808    1.179926
 0.004708  0.414873  128.011121
 0.42252   9.734920  112.023808    1.179926
 0.004708  1.033348  148.469521
 0.56336   9.734920  112.023808    1.179926
 0.004708  1.664148  179.296579

COMB DL-G3-3 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -7.742786  -85.738122    -1.506015
-0.005232   -0.865389  -16.114207
 0.14084   -7.742786  -85.738122    -1.506015
-0.005232   -0.723478  -19.507992
 0.28168   -7.742786  -85.738122    -1.506015
-0.005232   -0.325833  -30.397754
 0.42252   -7.742786  -85.738122    -1.506015
-0.005232   -0.820280  -54.891991
 0.56336   -7.742786  -85.738122    -1.506015
-0.005232   -1.315033  -94.583958

COMB DL-G3-4 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   8.440065  110.793177    1.219108
 0.004222  0.687135  114.681488
 0.14084   8.440065  110.793177    1.219108
 0.004222  0.185970  111.473499
 0.28168   8.440065  110.793177    1.219108
 0.004222  0.432959  115.765338
 0.42252   8.440065  110.793177    1.219108
 0.004222  1.082054  134.861945
 0.56336   8.440065  110.793177    1.219108
 0.004222  1.741457  162.599557
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3716

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000   -9.687452  -76.401459    -1.574266
-0.004345   -0.901444  -41.337656
 0.14084   -9.687452  -76.401459    -1.574266
-0.004345   -0.242188  -50.994606
 0.28168   -9.687452  -76.401459    -1.574266
-0.004345   -0.335753  -66.697567
 0.42252   -9.687452  -76.401459    -1.574266
-0.004345   -0.847272  -94.106949
 0.56336   -9.687452  -76.401459    -1.574266
-0.004345   -1.358338  -134.299058

COMB     DB ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  11.635103  132.696495    0.797111
 0.006037  0.447552  134.500337
 0.14084  11.635103  132.696495    0.797111
 0.006037  0.120453  121.818870
 0.28168  11.635103  132.696495    0.797111
 0.006037  0.318438  130.599239
 0.42252  11.635103  132.696495    0.797111
 0.006037  0.793767  156.059571
 0.56336  11.635103  132.696495    0.797111
 0.006037  1.281023  194.696351

COMB     DB ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -12.517493  -99.461846    -1.162140
-0.006957   -0.699793   -68.213470
 0.14084  -12.517493  -99.461846    -1.162140
-0.006957   -0.182597   -82.585917
 0.28168  -12.517493  -99.461846    -1.162140
-0.006957   -0.220912   -97.204191
 0.42252  -12.517493  -99.461846    -1.162140
-0.006957   -0.555171  -119.878857
 0.56336  -12.517493  -99.461846    -1.162140
-0.006957   -0.889416  -157.497321

COMB     DL ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  10.674122  124.163928    1.219108
 0.005988  0.687135  140.884343
 0.14084  10.674122  124.163928    1.219108
 0.005988  0.185970  132.282912
 0.28168  10.674122  124.163928    1.219108
 0.005988  0.432959  137.453728
 0.42252  10.674122  124.163928    1.219108
 0.005988  1.082054  159.465350
 0.56336  10.674122  124.163928    1.219108
 0.005988  1.741457  194.055948

COMB     DL ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -11.819116  -95.104919    -1.574266
-0.006832   -0.901444   -78.983615
 0.14084  -11.819116  -95.104919    -1.574266
-0.006832   -0.242188   -95.408026
 0.28168  -11.819116  -95.104919    -1.574266
-0.006832   -0.335753  -112.358841
 0.42252  -11.819116  -95.104919    -1.574266
-0.006832   -0.847272  -130.963824
 0.56336  -11.819116  -95.104919    -1.574266
-0.006832   -1.358338  -166.157395

COMB     CAR ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  11.635103  132.696495    1.219108
 0.006037  0.687135  140.884343
 0.14084  11.635103  132.696495    1.219108
 0.006037  0.185970  132.282912
 0.28168  11.635103  132.696495    1.219108
 0.006037  0.432959  137.453728
 0.42252  11.635103  132.696495    1.219108
 0.006037  1.082054  159.465350
 0.56336  11.635103  132.696495    1.219108
 0.006037  1.741457  194.696351
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3717

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -12.517493   -99.461846    -1.574266
-0.006957   -0.901444   -78.983615
 0.14084  -12.517493   -99.461846    -1.574266
-0.006957   -0.242188   -95.408026
 0.28168  -12.517493   -99.461846    -1.574266
-0.006957   -0.335753  -112.358841
 0.42252  -12.517493   -99.461846    -1.574266
-0.006957   -0.847272  -130.963824
 0.56336  -12.517493   -99.461846    -1.574266
-0.006957   -1.358338  -166.157395

COMB    DESIGN ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  11.635103  132.696495    1.219108
 0.006037  0.687135  140.884343
 0.14084  11.635103  132.696495    1.219108
 0.006037  0.185970  132.282912
 0.28168  11.635103  132.696495    1.219108
 0.006037  0.432959  137.453728
 0.42252  11.635103  132.696495    1.219108
 0.006037  1.082054  159.465350
 0.56336  11.635103  132.696495    1.219108
 0.006037  1.741457  194.696351

COMB    DESIGN ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.00000  -12.517493   -99.461846    -1.574266
-0.006957   -0.901444   -78.983615
 0.14084  -12.517493   -99.461846    -1.574266
-0.006957   -0.242188   -95.408026
 0.28168  -12.517493   -99.461846    -1.574266
-0.006957   -0.335753  -112.358841
 0.42252  -12.517493   -99.461846    -1.574266
-0.006957   -0.847272  -130.963824
 0.56336  -12.517493   -99.461846    -1.574266
-0.006957   -1.358338  -166.157395

ELEM      354 ================== LENGTH
=    2.976964

COMB     DB-G1-1 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   0.051307   18.174309    0.400538
 0.000519  0.446762   1.996198
 0.57751   0.051307   18.174309    0.400538
 0.000519  0.278840   2.433129
 0.71834   0.051307   18.174309    0.400538
 0.000519  0.110917   2.990189
 0.85917   0.051307   18.174309    0.400538
 0.000519  0.062244   4.314231
 1.00000   0.051307   18.174309    0.400538
 0.000519  0.249121   5.919697

COMB     DB-G1-1 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   -4.769294   -4.393596    -0.445670
-1.63E-05  -0.498253  -23.457760
 0.57751   -4.769294   -4.393596    -0.445670
-1.63E-05  -0.311411  -30.662763
 0.71834   -4.769294   -4.393596    -0.445670
-1.63E-05  -0.124595  -37.892389
 0.85917   -4.769294   -4.393596    -0.445670
-1.63E-05  -0.157006  -45.140612
 1.00000   -4.769294   -4.393596    -0.445670
-1.63E-05  -0.224927  -52.490726

COMB     DB-G1-2 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   0.607689   43.822515    0.688118
 0.001180  0.766846   30.861627
 0.57751   0.607689   43.822515    0.688118
 0.001180  0.478359   22.667416
 0.71834   0.607689   43.822515    0.688118
 0.001180  0.189860   15.754232
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3718

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P           V2          V3
       T        M2          M3
 0.85917   0.607689   43.822515    0.688118
 0.001180  0.103550   11.921196
 1.00000   0.607689   43.822515    0.688118
 0.001180  0.411814   11.936416

COMB     DB-G1-2 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   -8.673186   -8.117487    -0.735126
-0.000576  -0.820977  -27.046712
 0.57751   -8.673186   -8.117487    -0.735126
-0.000576  -0.512814  -35.889519
 0.71834   -8.673186   -8.117487    -0.735126
-0.000576  -0.204649  -46.480026
 0.85917   -8.673186   -8.117487    -0.735126
-0.000576  -0.099224  -59.357945
 1.00000   -8.673186   -8.117487    -0.735126
-0.000576  -0.387168  -73.358383

COMB     DB-G1-3 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   0.700194   95.556946    0.763446
 0.000886  0.850674  175.430049
 0.57751   0.700194   95.556946    0.763446
 0.000886  0.530607  144.620689
 0.71834   0.700194   95.556946    0.763446
 0.000886  0.210524  114.484100
 0.85917   0.700194   95.556946    0.763446
 0.000886  0.109954   85.778353
 1.00000   0.700194   95.556946    0.763446
 0.000886  0.438193   60.282305

COMB     DB-G1-3 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669  -11.754846   -5.795051    -0.782766
-0.000381  -0.874523  -23.787806
 0.57751  -11.754846   -5.795051    -0.782766
-0.000381  -0.546354  -32.572778
 0.71834  -11.754846   -5.795051    -0.782766
-0.000381  -0.218228  -42.149811
 0.85917  -11.754846   -5.795051    -0.782766
-0.000381  -0.109473  -53.255978
 1.00000  -11.754846   -5.795051    -0.782766
-0.000381  -0.429599  -64.935406

COMB     DB-G1-4 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   7.328612   83.465602    0.816515
 0.004373  0.909816  161.699835
 0.57751   7.328612   83.465602    0.816515
 0.004373  0.567500  137.696286
 0.71834   7.328612   83.465602    0.816515
 0.004373  0.225142  121.863237
 0.85917   7.328612   83.465602    0.816515
 0.004373  0.142990  119.467699
 1.00000   7.328612   83.465602    0.816515
 0.004373  0.516504  131.695744

COMB     DB-G1-4 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669  -10.026396  -89.403957    -0.892470
-0.004139   -0.982904  -80.956260
 0.57751  -10.026396  -89.403957    -0.892470
-0.004139   -0.609595  -57.694470
 0.71834  -10.026396  -89.403957    -0.892470
-0.004139   -0.249813  -47.193072
 0.85917  -10.026396  -89.403957    -0.892470
-0.004139   -0.128819  -45.622073
 1.00000  -10.026396  -89.403957    -0.892470
-0.004139   -0.460904  -56.078977

COMB     DB-G2-1 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   0.617726   39.735503    0.290922
 0.000478  0.323745   71.033390
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3719

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P           V2          V3
       T        M2          M3
 0.57751   0.617726   39.735503    0.290922
 0.000478  0.201779   54.447290
 0.71834   0.617726   39.735503    0.290922
 0.000478  0.079801   38.626845
 0.85917   0.617726   39.735503    0.290922
 0.000478  0.039257   23.883983
 1.00000   0.617726   39.735503    0.290922
 0.000478  0.156069   13.678234

COMB     DB-G2-1 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   -4.766393   -1.431272    -0.278592
-0.000319   -0.311152   -3.221423
 0.57751   -4.766393   -1.431272    -0.278592
-0.000319   -0.194356   -3.312339
 0.71834   -4.766393   -1.431272    -0.278592
-0.000319   -0.077590   -4.358716
 0.85917   -4.766393   -1.431272    -0.278592
-0.000319   -0.042243   -7.414310
 1.00000   -4.766393   -1.431272    -0.278592
-0.000319   -0.164121  -11.236667

COMB     DB-G2-2 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   4.660385   86.929993    0.411480
 0.005085  0.458022  210.534937
 0.57751   4.660385   86.929993    0.411480
 0.005085  0.285513  177.165994
 0.71834   4.660385   86.929993    0.411480
 0.005085  0.112948  153.547514
 0.85917   4.660385   86.929993    0.411480
 0.005085  0.085551  144.737021
 1.00000   4.660385   86.929993    0.411480
 0.005085  0.277979  139.281695

COMB     DB-G2-2 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   -7.482596   -59.815706    -0.458892
-0.005054   -0.491918   -21.333931
 0.57751   -7.482596   -59.815706    -0.458892
-0.005054   -0.300269   -3.959312
 0.71834   -7.482596   -59.815706    -0.458892
-0.005054   -0.126753   -4.061462
 0.85917   -7.482596   -59.815706    -0.458892
-0.005054   -0.075539   -7.230630
 1.00000   -7.482596   -59.815706    -0.458892
-0.005054   -0.234006  -11.198910

COMB     DB-G2-3 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   4.404491   94.131950    0.684133
 0.005009  0.762011  188.322603
 0.57751   4.404491   94.131950    0.684133
 0.005009  0.475194  159.478332
 0.71834   4.404491   94.131950    0.684133
 0.005009  0.188327  139.384285
 0.85917   4.404491   94.131950    0.684133
 0.005009  0.124749  132.900103
 1.00000   4.404491   94.131950    0.684133
 0.005009  0.441116  129.144023

COMB     DB-G2-3 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669  -10.397432   -56.999788    -0.754484
-0.004682   -0.824463   -29.994651
 0.57751  -10.397432   -56.999788    -0.754484
-0.004682   -0.508812   -21.379882
 0.71834  -10.397432   -56.999788    -0.754484
-0.004682   -0.209522   -28.388626
 0.85917  -10.397432   -56.999788    -0.754484
-0.004682   -0.118292   -37.063469
 1.00000  -10.397432   -56.999788    -0.754484
-0.004682   -0.387056   -47.869342
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                 MOVING                LOAD                >
                                         3720

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DB-G2-4 ---------- MAX

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   9.463150   81.066754    0.840753
 0.003693  0.936722  158.935401
 0.57751   9.463150   81.066754    0.840753
 0.003693  0.584234  133.977838
 0.71834   9.463150   81.066754    0.840753
 0.003693  0.231703  115.250862
 0.85917   9.463150   81.066754    0.840753
 0.003693  0.142392  107.379386
 1.00000   9.463150   81.066754    0.840753
 0.003693  0.516563  117.058232

COMB     DB-G2-4 ---------- MIN

REL DIST         P           V2          V3
       T        M2          M3
 0.43669   -8.921476  -101.209970    -0.892196
-0.003662   -0.980992  -106.680820
 0.57751   -8.921476  -101.209970    -0.892196
-0.003662   -0.608523   -75.938772
 0.71834   -8.921476  -101.209970    -0.892196
-0.003662   -0.248553   -55.562839
 0.85917   -8.921476  -101.209970    -0.892196
-0.003662   -0.130165   -36.997836
 1.00000   -8.921476  -101.209970    -0.892196
-0.003662   -0.474411   -42.932986

COMB     DB-G3-1 ---------- MAX
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```
REL DIST          P          V2          V3
        T         M2          M3
0.43669    9.392463    5.653509    0.472847
0.000323    0.527194    6.781805
0.57751    9.392463    5.653509    0.472847
0.000323    0.328956    4.863566
0.71834    9.392463    5.653509    0.472847
0.000323    0.130704    4.206701
0.85917    9.392463    5.653509    0.472847
0.000323    0.075577    3.601909
1.00000    9.392463    5.653509    0.472847
0.000323    0.280049    3.005413

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -0.324743   -77.250808   -0.487571
-0.000713   -0.538575  -140.008681
0.57751   -0.324743   -77.250808   -0.487571
-0.000713   -0.334170  -107.741732
0.71834   -0.324743   -77.250808   -0.487571
-0.000713   -0.130625   -75.423762
0.85917   -0.324743   -77.250808   -0.487571
-0.000713   -0.067457   -43.117162
1.00000   -0.324743   -77.250808   -0.487571
-0.000713   -0.265758   -10.819802

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   15.652975    29.781648    0.607753
 0.006142    0.677468    84.155043
0.57751   15.652975    29.781648    0.607753
 0.006142    0.422678    75.960579
0.71834   15.652975    29.781648    0.607753
 0.006142    0.167825    79.503783
0.85917   15.652975    29.781648    0.607753
 0.006142    0.136389   100.945969
1.00000   15.652975    29.781648    0.607753
 0.006142    0.443469   122.612789

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -1.591663  -165.142228   -0.732106
-0.006646   -0.785402  -179.625019
0.57751   -1.591663  -165.142228   -0.732106
-0.006646   -0.479570  -118.821251
0.71834   -1.591663  -165.142228   -0.732106
-0.006646   -0.197793   -78.271710
0.85917   -1.591663  -165.142228   -0.732106
-0.006646   -0.106427   -39.437145
1.00000   -1.591663  -165.142228   -0.732106
-0.006646   -0.344091   -7.273282
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3721

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   13.623840    73.996452    0.750188
 0.004457    0.835008   182.255144
0.57751   13.623840    73.996452    0.750188
 0.004457    0.521398   154.339812
0.71834   13.623840    73.996452    0.750188
 0.004457    0.206829   134.519752
0.85917   13.623840    73.996452    0.750188
 0.004457    0.137503   127.290086
1.00000   13.623840    73.996452    0.750188
 0.004457    0.473115   121.430897

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -5.796575  -135.239921   -0.800200
-0.004889   -0.869724  -159.486565
0.57751   -5.796575  -135.239921   -0.800200
-0.004889   -0.535079  -108.807585
0.71834   -5.796575  -135.239921   -0.800200
-0.004889   -0.217648   -72.064803
0.85917   -5.796575  -135.239921   -0.800200
-0.004889   -0.136515   -36.322015
1.00000   -5.796575  -135.239921   -0.800200
-0.004889   -0.423773    -8.266150

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   11.686780    78.579512    0.881811
 0.004077    0.982455   160.232408
0.57751   11.686780    78.579512    0.881811
 0.004077    0.612764   133.263172
0.71834   11.686780    78.579512    0.881811
 0.004077    0.243023   114.667337
0.85917   11.686780    78.579512    0.881811
 0.004077    0.151892   107.169008
1.00000   11.686780    78.579512    0.881811
 0.004077    0.543834   103.218748

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -7.954367  -114.427509   -0.934531
-0.004217   -1.024097  -137.296378
0.57751   -7.954367  -114.427509   -0.934531
-0.004217   -0.633005   -99.568283
0.71834   -7.954367  -114.427509   -0.934531
-0.004217   -0.256115   -73.927562
0.85917   -7.954367  -114.427509   -0.934531
-0.004217   -0.137647   -50.418178
1.00000   -7.954367  -114.427509   -0.934531
-0.004217   -0.497672   -33.395440

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    0.057792    23.506103    0.540422
 0.000445    0.604157    2.350864
0.57751    0.057792    23.506103    0.540422
 0.000445    0.377677    3.652635
0.71834    0.057792    23.506103    0.540422
 0.000445    0.150679    6.093963
0.85917    0.057792    23.506103    0.540422
 0.000445    0.079397    8.834245
1.00000    0.057792    23.506103    0.540422
 0.000445    0.318922   11.714243

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -5.456861   -7.469503   -0.572235
-1.14E-05   -0.639833   -26.225282
0.57751   -5.456861   -7.469503   -0.572235
-1.14E-05   -0.399897   -34.647468
0.71834   -5.456861   -7.469503   -0.572235
-1.14E-05   -0.160150   -44.155440
0.85917   -5.456861   -7.469503   -0.572235
-1.14E-05   -0.074086   -53.709321
1.00000   -5.456861   -7.469503   -0.572235
-1.14E-05   -0.302082   -63.326677
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3722

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    0.647340    51.619880    0.892662
 0.000952    0.997216    33.132375
0.57751    0.647340    51.619880    0.892662
 0.000952    0.622865    25.595883
0.71834    0.647340    51.619880    0.892662
 0.000952    0.247796    20.185462
0.85917    0.647340    51.619880    0.892662
 0.000952    0.132821    16.543222
1.00000    0.647340    51.619880    0.892662
 0.000952    0.529567    18.593144

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -8.948336   -11.367143   -0.948157
-0.000450   -1.059071   -29.282603
0.57751   -8.948336   -11.367143   -0.948157
-0.000450   -0.661689   -40.047134
0.71834   -8.948336   -11.367143   -0.948157
-0.000450   -0.264658   -53.576533
0.85917   -8.948336   -11.367143   -0.948157
-0.000450   -0.123116   -68.116954
1.00000   -8.948336   -11.367143   -0.948157
-0.000450   -0.499423   -85.945382

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    0.847408    97.043965    1.006021
 0.000775    1.123071   179.277940
0.57751    0.847408    97.043965    1.006021
 0.000775    0.700949   151.555722
0.71834    0.847408    97.043965    1.006021
 0.000775    0.278044   125.494816
0.85917    0.847408    97.043965    1.006021
 0.000775    0.148338   100.668059
1.00000    0.847408    97.043965    1.006021
 0.000775    0.592311    79.885317

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669  -11.363976   -10.095953   -1.061370
-0.000238   -1.185216   -26.467597
0.57751  -11.363976   -10.095953   -1.061370
-0.000238   -0.740540   -36.442251
0.71834  -11.363976   -10.095953   -1.061370
-0.000238   -0.296242   -48.366155
0.85917  -11.363976   -10.095953   -1.061370
-0.000238   -0.137820   -61.156146
1.00000  -11.363976   -10.095953   -1.061370
-0.000238   -0.561866   -76.203658

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    6.535831    86.120078    1.126753
 0.003476    1.256545   169.371137
0.57751    6.535831    86.120078    1.126753
 0.003476    0.784166   147.184148
0.71834    6.535831    86.120078    1.126753
 0.003476    0.311148   133.819992
0.85917    6.535831    86.120078    1.126753
 0.003476    0.183135   133.337041
1.00000    6.535831    86.120078    1.126753
 0.003476    0.686871   145.408955

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -9.712355   -81.980346   -1.203989
-0.003197   -1.333091   -76.446859
0.57751   -9.712355   -81.980346   -1.203989
-0.003197   -0.829758   -56.457191
0.71834   -9.712355   -81.980346   -1.203989
-0.003197   -0.335370   -50.847991
0.85917   -9.712355   -81.980346   -1.203989
-0.003197   -0.168473   -53.219415
1.00000   -9.712355   -81.980346   -1.203989
-0.003197   -0.640344   -66.907447
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3723

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    0.679958    37.935682    0.356138
 0.000391    0.397036    70.541521
0.57751    0.679958    37.935682    0.356138
 0.000391    0.247484    55.204824
0.71834    0.679958    37.935682    0.356138
 0.000391    0.097775    40.390969
0.85917    0.679958    37.935682    0.356138
 0.000391    0.053689    26.555236
1.00000    0.679958    37.935682    0.356138
 0.000391    0.211280    16.599639

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -4.049859   -1.731415   -0.377081
-0.000267   -0.420641   -3.116112
0.57751   -4.049859   -1.731415   -0.377081
-0.000267   -0.262757   -3.693945
0.71834   -4.049859   -1.731415   -0.377081
-0.000267   -0.104708   -4.988939
0.85917   -4.049859   -1.731415   -0.377081
-0.000267   -0.049420   -7.033368
1.00000   -4.049859   -1.731415   -0.377081
-0.000267   -0.199312   -11.161671

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    4.177433    81.469403    0.555309
 0.004393    0.617604   216.628289
0.57751    4.177433    81.469403    0.555309
 0.004393    0.384723   185.440096
0.71834    4.177433    81.469403    0.555309
 0.004393    0.151694   163.932703
0.85917    4.177433    81.469403    0.555309
 0.004393    0.107827   154.121975
1.00000    4.177433    81.469403    0.555309
 0.004393    0.367253   148.002114

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -6.384761   -51.892268   -0.620793
-0.004375   -0.675016   -22.180461
0.57751   -6.384761   -51.892268   -0.620793
-0.004375   -0.415976   -4.178936
0.71834   -6.384761   -51.892268   -0.620793
-0.004375   -0.171208   -4.612431
0.85917   -6.384761   -51.892268   -0.620793
-0.004375   -0.095782   -7.024999
1.00000   -6.384761   -51.892268   -0.620793
-0.004375   -0.325916   -11.546104

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    3.943696    93.888354    0.910521
 0.004328    1.014907   193.470038
0.57751    3.943696    93.888354    0.910521
 0.004328    0.633035   167.149850
0.71834    3.943696    93.888354    0.910521
 0.004328    0.251090   150.542817
0.85917    3.943696    93.888354    0.910521
 0.004328    0.157702   144.524847
1.00000    3.943696    93.888354    0.910521
 0.004328    0.574869   141.059440

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -9.660989   -52.005153   -0.996593
-0.004074   -1.097118   -30.336401
0.57751   -9.660989   -52.005153   -0.996593
-0.004074   -0.680405   -22.131126
0.71834   -9.660989   -52.005153   -0.996593
-0.004074   -0.276468   -31.464769
0.85917   -9.660989   -52.005153   -0.996593
-0.004074   -0.142570   -42.469379
1.00000   -9.660989   -52.005153   -0.996593
-0.004074   -0.522810   -54.888727
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3724

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    8.609831    82.430176    1.167238
 0.002977    1.301375   162.602567
0.57751    8.609831    82.430176    1.167238
 0.002977    0.811796   139.583050
0.71834    8.609831    82.430176    1.167238
 0.002977    0.321928   123.769711
0.85917    8.609831    82.430176    1.167238
 0.002977    0.186338   117.193481
1.00000    8.609831    82.430176    1.167238
 0.002977    0.703763   129.824674

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -8.281819   -94.442038   -1.234798
-0.002979   -1.367139   -98.854260
0.57751   -8.281819   -94.442038   -1.234798
-0.002979   -0.851045   -71.074561
0.71834   -8.281819   -94.442038   -1.234798
-0.002979   -0.343262   -55.094176
0.85917   -8.281819   -94.442038   -1.234798
-0.002979   -0.172988   -42.183343
1.00000   -8.281819   -94.442038   -1.234798
-0.002979   -0.661782   -51.243710

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669    8.933551    8.195873    0.702748
 0.000263    0.783382    6.934801
0.57751    8.933551    8.195873    0.702748
 0.000263    0.488720    5.288662
0.71834    8.933551    8.195873    0.702748
 0.000263    0.193922    4.644771
0.85917    8.933551    8.195873    0.702748
 0.000263    0.103748    4.128953
1.00000    8.933551    8.195873    0.702748
 0.000263    0.402822    3.606690

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -0.292894   -76.168595   -0.712198
-0.000605   -0.676634  -140.218069
0.57751   -0.292894   -76.168595   -0.712198
-0.000605   -0.494772  -109.974627
0.71834   -0.292894   -76.168595   -0.712198
-0.000605   -0.195555   -80.290747
0.85917   -0.292894   -76.168595   -0.712198
-0.000605   -0.099767   -50.649437
1.00000   -0.292894   -76.168595   -0.712198
-0.000605   -0.394824   -21.026737

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   14.871262    30.725331    0.931049
 0.006090    1.036070    89.781355
0.57751   14.871262    30.725331    0.931049
 0.006090    0.646249    82.229109
0.71834   14.871262    30.725331    0.931049
 0.006090    0.256728    88.751428
0.85917   14.871262    30.725331    0.931049
 0.006090    0.063643   111.063957
1.00000   14.871262    30.725331    0.931049
 0.006090    0.597077   134.310945

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -1.343161  -160.373176   -1.007790
-0.006554   -1.097808  -179.041077
0.57751   -1.343161  -160.373176   -1.007790
-0.006554   -0.677153  -116.911346
0.71834   -1.343161  -160.373176   -1.007790
-0.006554   -0.256837   -80.694394
0.85917   -1.343161  -160.373176   -1.007790
-0.006554   -0.159270   -46.564437
1.00000   -1.343161  -160.373176   -1.007790
-0.006554   -0.544917   -14.408388
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3725

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   13.076326    68.862347    1.089414
 0.004605    1.218331   181.975211
0.57751   13.076326    68.862347    1.089414
 0.004605    0.756107   157.363487
0.71834   13.076326    68.862347    1.089414
 0.004605    0.299681   143.062267
0.85917   13.076326    68.862347    1.089414
 0.004605    0.187122   140.433038
1.00000   13.076326    68.862347    1.089414
 0.004605    0.670724   138.155383

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -4.803813  -133.059907   -1.154088
-0.004992   -1.267439  -158.395028
0.57751   -4.803813  -133.059907   -1.154088
-0.004992   -0.785410  -106.731439
0.71834   -4.803813  -133.059907   -1.154088
-0.004992   -0.317919   -73.877767
0.85917   -4.803813  -133.059907   -1.154088
-0.004992   -0.172692   -42.542413
1.00000   -4.803813  -133.059907   -1.154088
-0.004992   -0.626900   -13.401646

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   11.232817    77.613803    1.232343
 0.004147    1.373033   160.480567
0.57751   11.232817    77.613803    1.232343
 0.004147    0.856424   136.326140
0.71834   11.232817    77.613803    1.232343
 0.004147    0.339786   123.074085
0.85917   11.232817    77.613803    1.232343
 0.004147    0.204424   120.099997
1.00000   11.232817    77.613803    1.232343
 0.004147    0.752159   119.580201

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669   -7.081645  -114.091170   -1.308116
-0.004291   -1.443301  -136.418191
0.57751   -7.081645  -114.091170   -1.308116
-0.004291   -0.896397   -97.867360
0.71834   -7.081645  -114.091170   -1.308116
-0.004291   -0.361462   -76.775029
0.85917   -7.081645  -114.091170   -1.308116
-0.004291   -0.188514   -57.404926
1.00000   -7.081645  -114.091170   -1.308116
-0.004291   -0.703542   -41.046638

COMB DB ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   15.652975    95.556946    0.881811
 0.006142    0.982455   210.534937
0.57751   15.652975    95.556946    0.881811
 0.006142    0.612764   177.165994
0.71834   15.652975    95.556946    0.881811
 0.006142    0.243023   153.547514
0.85917   15.652975    95.556946    0.881811
 0.006142    0.151892   144.737021
1.00000   15.652975    95.556946    0.881811
 0.006142    0.543834   139.281695

COMB DB ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669  -11.754846  -165.142228   -0.934531
-0.006646   -1.024097  -179.625019
0.57751  -11.754846  -165.142228   -0.934531
-0.006646   -0.633005  -118.821251
0.71834  -11.754846  -165.142228   -0.934531
-0.006646   -0.256115   -78.271710
0.85917  -11.754846  -165.142228   -0.934531
-0.006646   -0.137647   -59.357945
1.00000  -11.754846  -165.142228   -0.934531
-0.006646   -0.497672   -73.358383
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3726

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   14.871262    97.043965    1.232343
 0.006090    1.373033   216.628289
0.57751   14.871262    97.043965    1.232343
 0.006090    0.856424   185.440096
0.71834   14.871262    97.043965    1.232343
 0.006090    0.339786   163.932703
0.85917   14.871262    97.043965    1.232343
 0.006090    0.204424   154.121975
1.00000   14.871262    97.043965    1.232343
 0.006090    0.752159   148.002114

COMB DL ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669  -11.363976  -160.373176   -1.308116
-0.006554   -1.443301  -179.041077
0.57751  -11.363976  -160.373176   -1.308116
-0.006554   -0.896397  -116.911346
0.71834  -11.363976  -160.373176   -1.308116
-0.006554   -0.361462   -80.691394
0.85917  -11.363976  -160.373176   -1.308116
-0.006554   -0.188514   -68.116954
1.00000  -11.363976  -160.373176   -1.308116
-0.006554   -0.703542   -85.945382

COMB CAR ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   15.652975    97.043965    1.232343
 0.006142    1.373033   216.628289
0.57751   15.652975    97.043965    1.232343
 0.006142    0.856424   185.440096
0.71834   15.652975    97.043965    1.232343
 0.006142    0.339786   163.932703
0.85917   15.652975    97.043965    1.232343
 0.006142    0.204424   154.121975
1.00000   15.652975    97.043965    1.232343
 0.006142    0.752159   148.002114

COMB CAR ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669  -11.754846  -165.142228   -1.308116
-0.006646   -1.443301  -179.625019
0.57751  -11.754846  -165.142228   -1.308116
-0.006646   -0.896397  -118.821251
0.71834  -11.754846  -165.142228   -1.308116
-0.006646   -0.361462   -80.691394
0.85917  -11.754846  -165.142228   -1.308116
-0.006646   -0.188514   -68.116954
1.00000  -11.754846  -165.142228   -1.308116
-0.006646   -0.703542   -85.945382

COMB DESIGN ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43669   15.652975    97.043965    1.232343
 0.006142    1.373033   216.628289
0.57751   15.652975    97.043965    1.232343
 0.006142    0.856424   185.440096
0.71834   15.652975    97.043965    1.232343
 0.006142    0.339786   163.932703
0.85917   15.652975    97.043965    1.232343
 0.006142    0.204424   154.121975
1.00000   15.652975    97.043965    1.232343
 0.006142    0.752159   148.002114

COMB DESIGN ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43669  -11.754846  -165.142228   -1.308116
-0.006646   -1.443301  -179.625019
0.57751  -11.754846  -165.142228   -1.308116
-0.006646   -0.896397  -118.821251
0.71834  -11.754846  -165.142228   -1.308116
-0.006646   -0.361462   -80.691394
0.85917  -11.754846  -165.142228   -1.308116
-0.006646   -0.188514   -68.116954
1.00000  -11.754846  -165.142228   -1.308116
-0.006646   -0.703542   -85.945382
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3727

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      355 ================== LENGTH
=    2.977961

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000    0.050361   18.105598    0.392542
 0.000207    0.220261    5.926463
0.14086    0.050361   18.105598    0.392542
 0.000207    0.055573    7.618311
0.28173    0.050361   18.105598    0.392542
 0.000207    0.124585    9.390887
0.42259    0.050361   18.105598    0.392542
 0.000207    0.314807   11.180838
0.56346    0.050361   18.105598    0.392542
 0.000207    0.505054   12.982871

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -4.727740   -4.313234   -0.453524
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-1.07E-05   -0.255940   -52.507436
0.14086   -4.727740   -4.313234   -0.453524
-1.07E-05   -0.065676   -59.980371
0.28173   -4.727740   -4.313234   -0.453524
-1.07E-05   -0.109077   -67.447202
0.42259   -4.727740   -4.313234   -0.453524
-1.07E-05   -0.273745   -74.999679
0.56346   -4.727740   -4.313234   -0.453524
-1.07E-05   -0.438413   -82.547929

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.490424   45.095919    0.664943
0.000641    0.372102   11.956306
0.14086    0.490424   45.095919    0.664943
0.000641    0.093722   12.593243
0.28173    0.490424   45.095919    0.664943
0.000641    0.206003   13.861134
0.42259    0.490424   45.095919    0.664943
0.000641    0.519964   15.936603
0.56346    0.490424   45.095919    0.664943
0.000641    0.834615   18.353752

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -8.686000   -6.140575   -0.750146
-0.000281   -0.424106   -73.389034
0.14086   -8.686000   -6.140575   -0.750146
-0.000281   -0.109380   -89.572434
0.28173   -8.686000   -6.140575   -0.750146
-0.000281   -0.185885   -106.263197
0.42259   -8.686000   -6.140575   -0.750146
-0.000281   -0.464810   -123.206340
0.56346   -8.686000   -6.140575   -0.750146
-0.000281   -0.743747   -141.186944

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.717045   94.608365    0.738002
0.000786    0.412599   60.266449
0.14086    0.717045   94.608365    0.738002
0.000786    0.102974   39.648108
0.28173    0.717045   94.608365    0.738002
0.000786    0.219003   34.696756
0.42259    0.717045   94.608365    0.738002
0.000786    0.552480   33.832739
0.56346    0.717045   94.608365    0.738002
0.000786    0.885982   34.307409

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -11.606004   -5.721497   -0.795019
-0.000415   -0.448025   -64.956041
0.14086   -11.606004   -5.721497   -0.795019
-0.000415   -0.114463   -76.589700
0.28173   -11.606004   -5.721497   -0.795019
-0.000415   -0.206717   -89.766474
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3728

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
T          M2          M3
0.42259   -11.606004   -5.721497   -0.795019
-0.000415   -0.516293   -126.437046
0.56346   -11.606004   -5.721497   -0.795019
-0.000415   -0.825863   -165.870170

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    5.000167   116.969313    0.798363
0.004115    0.448330   131.870160
0.14086    5.000167   116.969313    0.798363
0.004115    0.124094   117.309028
0.28173    5.000167   116.969313    0.798363
0.004115    0.253629   115.612805
0.42259    5.000167   116.969313    0.798363
0.004115    0.623679   126.074216
0.56346    5.000167   116.969313    0.798363
0.004115    1.016850   144.005188

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -11.712054   -52.644768   -0.926351
-0.003971   -0.538030   -56.090795
0.14086   -11.712054   -52.644768   -0.926351
-0.003971   -0.149364   -66.556811
0.28173   -11.712054   -52.644768   -0.926351
-0.003971   -0.222763   -78.646847
0.42259   -11.712054   -52.644768   -0.926351
-0.003971   -0.557121   -109.720802
0.56346   -11.712054   -52.644768   -0.926351
-0.003971   -0.892026   -150.911581

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.622763   39.345149    0.275636
0.000360    0.153502   13.665492
0.14086    0.622763   39.345149    0.275636
0.000360    0.037924    8.572065
0.28173    0.622763   39.345149    0.275636
0.000360    0.078424    7.071940
0.42259    0.622763   39.345149    0.275636
0.000360    0.197944    6.558316
0.56346    0.622763   39.345149    0.275636
0.000360    0.317490    6.428692

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -4.713537   -1.363666   -0.284982
-0.000207   -0.160706   -11.242575
0.14086   -4.713537   -1.363666   -0.284982
-0.000207   -0.041139   -15.063113
0.28173   -4.713537   -1.363666   -0.284982
-0.000207   -0.077868   -29.802353
0.42259   -4.713537   -1.363666   -0.284982
-0.000207   -0.193485   -45.503737
0.56346   -4.713537   -1.363666   -0.284982
-0.000207   -0.309100   -61.728076

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    1.405988   132.985375    0.395600
0.005366    0.221702   139.538627
0.14086    1.405988   132.985375    0.395600
0.005366    0.070432    94.285695
0.28173    1.405988   132.985375    0.395600
0.005366    0.127867    65.893271
0.42259    1.405988   132.985375    0.395600
0.005366    0.304703    53.857771
0.56346    1.405988   132.985375    0.395600
0.005366    0.499502    51.989454

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -9.853241   -8.942803   -0.465756
-0.005215   -0.282700   -11.198963
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3729

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
T          M2          M3
0.14086   -9.853241   -8.942803   -0.465756
-0.005215   -0.087285   -15.212188
0.28173   -9.853241   -8.942803   -0.465756
-0.005215   -0.111145   -21.181442
0.42259   -9.853241   -8.942803   -0.465756
-0.005215   -0.277142   -52.820273
0.56346   -9.853241   -8.942803   -0.465756
-0.005215   -0.443092   -97.878777

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    1.466164   135.638875    0.660071
0.005029    0.369691   129.381635
0.14086    1.466164   135.638875    0.660071
0.005029    0.106074    89.838052
0.28173    1.466164   135.638875    0.660071
0.005029    0.210723    65.454592
0.42259    1.466164   135.638875    0.660071
0.005029    0.515923    55.819382
0.56346    1.466164   135.638875    0.660071
0.005029    0.837351    55.371391

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -12.503742   -11.017101   -0.767486
-0.004705   -0.451078   -47.883263
0.14086   -12.503742   -11.017101   -0.767486
-0.004705   -0.129062   -57.924761
0.28173   -12.503742   -11.017101   -0.767486
-0.004705   -0.184903   -69.892781
0.42259   -12.503742   -11.017101   -0.767486
-0.004705   -0.461848   -105.203267
0.56346   -12.503742   -11.017101   -0.767486
-0.004705   -0.738741   -152.297196

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    7.605885   108.108884    0.824360
0.003647    0.463107   117.179961
0.14086    7.605885   108.108884    0.824360
0.003647    0.125914   113.541664
0.28173    7.605885   108.108884    0.824360
0.003647    0.253883   123.165945
0.42259    7.605885   108.108884    0.824360
0.003647    0.632556   143.239583
0.56346    7.605885   108.108884    0.824360
0.003647    1.021884   169.591574

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -10.273068   -71.613829   -0.928918
-0.003516   -0.537211   -42.939263
0.14086   -10.273068   -71.613829   -0.928918
-0.003516   -0.147470   -52.267563
0.28173   -10.273068   -71.613829   -0.928918
-0.003516   -0.229099   -63.099559
0.42259   -10.273068   -71.613829   -0.928918
-0.003516   -0.574952   -93.601201
0.56346   -10.273068   -71.613829   -0.928918
-0.003516   -0.920769   -132.435177

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    9.471644    5.681449    0.479158
0.000511    0.270948    3.002771
0.14086    9.471644    5.681449    0.479158
0.000511    0.069948   23.475631
0.28173    9.471644    5.681449    0.479158
0.000511    0.134741   55.678361
0.42259    9.471644    5.681449    0.479158
0.000511    0.343074   88.141631
0.56346    9.471644    5.681449    0.479158
0.000511    0.551433   120.704171
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3730

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.318752   -77.799156   -0.496747
-0.000702   -0.282215   -10.858522
0.14086   -0.318752   -77.799156   -0.496747
-0.000702   -0.073838   -7.240647
0.28173   -0.318752   -77.799156   -0.496747
-0.000702   -0.133868   -7.138588
0.42259   -0.318752   -77.799156   -0.496747
-0.000702   -0.332060   -10.582522
0.56346   -0.318752   -77.799156   -0.496747
-0.000702   -0.533062   -12.752304

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000   11.772362   86.762059    0.616144
0.006372    0.349507   122.949183
0.14086   11.772362   86.762059    0.616144
0.006372    0.108847   128.480570
0.28173   11.772362   86.762059    0.616144
0.006372    0.203699   138.555917
0.42259   11.772362   86.762059    0.616144
0.006372    0.495584   165.721838
0.56346   11.772362   86.762059    0.616144
0.006372    0.809374   204.317972

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -4.581437   -103.975616   -0.749768
-0.006648   -0.449567   -7.259472
0.14086   -4.581437   -103.975616   -0.749768
-0.006648   -0.135143   -9.661543
0.28173   -4.581437   -103.975616   -0.749768
-0.006648   -0.168395   -12.109511
0.42259   -4.581437   -103.975616   -0.749768
-0.006648   -0.426920   -16.851540
0.56346   -4.581437   -103.975616   -0.749768
-0.006648   -0.685386   -38.950352

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000   10.997610   112.560193    0.747568
0.004847    0.421572   121.600342
0.14086   10.997610   112.560193    0.747568
0.004847    0.120242   117.971725
0.28173   10.997610   112.560193    0.747568
0.004847    0.224198   129.805773
0.42259   10.997610   112.560193    0.747568
0.004847    0.554031   155.567858
0.56346   10.997610   112.560193    0.747568
0.004847    0.898912   189.937193

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -7.772888   -93.458357   -0.823300
-0.005005   -0.483125   -8.252025
0.14086   -7.772888   -93.458357   -0.823300
-0.005005   -0.137769   -10.472366
0.28173   -7.772888   -93.458357   -0.823300
-0.005005   -0.206290   -14.747672
0.42259   -7.772888   -93.458357   -0.823300
-0.005005   -0.519948   -42.621316
0.56346   -7.772888   -93.458357   -0.823300
-0.005005   -0.833545   -81.050411

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    9.517162   110.247893    0.868361
0.004198    0.488351   103.363979
0.14086    9.517162   110.247893    0.868361
0.004198    0.134189   101.251982
0.28173    9.517162   110.247893    0.868361
0.004198    0.261986   112.040125
0.42259    9.517162   110.247893    0.868361
0.004198    0.651836   134.406134
0.56346    9.517162   110.247893    0.868361
0.004198    1.054115   163.890873
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3731

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -9.558274   -79.867352   -0.959927
-0.004171   -0.557076   -33.397012
0.14086   -9.558274   -79.867352   -0.959927
-0.004171   -0.154397   -41.747582
0.28173   -9.558274   -79.867352   -0.959927
-0.004171   -0.240815   -51.605322
0.42259   -9.558274   -79.867352   -0.959927
-0.004171   -0.605124   -80.881587
0.56346   -9.558274   -79.867352   -0.959927
-0.004171   -0.969392   -119.543102

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.060269   23.392044    0.553679
0.000178    0.031004   11.730920
0.14086    0.060269   23.392044    0.553679
0.000178    0.079140   14.739113
0.28173    0.060269   23.392044    0.553679
0.000178    0.160034   17.815519
0.42259    0.060269   23.392044    0.553679
0.000178    0.405208   20.910155
0.56346    0.060269   23.392044    0.553679
0.000178    0.651079   24.014160

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -5.427811   -7.410277   -0.585623
-7.78E-06   -0.330090   -63.348813
0.14086   -5.427811   -7.410277   -0.585623
-7.78E-06   -0.084830   -73.030420
0.28173   -5.427811   -7.410277   -0.585623
-7.78E-06   -0.150941   -82.763790
0.42259   -5.427811   -7.410277   -0.585623
-7.78E-06   -0.383561   -92.530702
0.56346   -5.427811   -7.410277   -0.585623
-7.78E-06   -0.616060   -102.317356

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.586599   52.267336    0.901010
0.000500    0.508437   18.619905
0.14086    0.586599   52.267336    0.901010
0.000500    0.128292   21.153115
0.28173    0.586599   52.267336    0.901010
0.000500    0.265085   24.125724
0.42259    0.586599   52.267336    0.901010
0.000500    0.669475   28.337178
0.56346    0.586599   52.267336    0.901010
0.000500    1.075547   32.462181

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -8.959316   -10.193262   -0.967301
-0.000210   -0.544911   -85.986943
0.14086   -8.959316   -10.193262   -0.967301
-0.000210   -0.140079   -105.141560
0.28173   -8.959316   -10.193262   -0.967301
-0.000210   -0.246790   -124.989178
0.42259   -8.959316   -10.193262   -0.967301
-0.000210   -0.625533   -145.740666
0.56346   -8.959316   -10.193262   -0.967301
-0.000210   -1.003768   -167.161285

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.858399   96.186831    1.002157
0.000653    0.561761   79.879554
0.14086    0.858399   96.186831    1.002157
0.000653    0.139165   62.316074
0.28173    0.858399   96.186831    1.002157
0.000653    0.295653   51.576354
0.42259    0.858399   96.186831    1.002157
0.000653    0.742520   49.154773
0.56346    0.858399   96.186831    1.002157
0.000653    1.190272   49.980977
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3732

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -11.256029   -10.046420   -1.068289
-0.000355   -0.598840   -76.232656
0.14086   -11.256029   -10.046420   -1.068289
-0.000355   -0.151862   -91.318117
0.28173   -11.256029   -10.046420   -1.068289
-0.000355   -0.276253   -108.403142
0.42259   -11.256029   -10.046420   -1.068289
-0.000355   -0.697513   -142.948259
0.56346   -11.256029   -10.046420   -1.068289
-0.000355   -1.118482   -180.454197

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    4.853612   111.301859    1.126930
0.003221    0.642632   145.404657
0.14086    4.853612   111.301859    1.126930
0.003221    0.170501   137.040101
0.28173    4.853612   111.301859    1.126930
0.003221    0.336371   134.295755
0.42259    4.853612   111.301859    1.126930
0.003221    0.839018   144.545110
0.56346    4.853612   111.301859    1.126930
0.003221    1.351321   162.665724

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -11.082873   -54.819137   -1.222963
-0.003085   -0.700106   -66.920488
0.14086   -11.082873   -54.819137   -1.222963
-0.003085   0.188168   -80.764658
0.28173   -11.082873   -54.819137   -1.222963
-0.003085   -0.309803   -96.449463
0.42259   -11.082873   -54.819137   -1.222963
-0.003085   -0.783102   -126.355165
0.56346   -11.082873   -54.819137   -1.222963
-0.003085   -1.256014   -166.577777

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.684393   37.685465    0.346159
0.000292    0.193172   16.594241
0.14086    0.684393   37.685465    0.346159
0.000292    0.047555    9.440678
0.28173    0.684393   37.685465    0.346159
0.000292    0.104842    7.422602
0.42259    0.684393   37.685465    0.346159
0.000292    0.262523    6.940763
0.56346    0.684393   37.685465    0.346159
0.000292    0.420722    7.008477

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -4.022572   -1.688685   -0.377267
-0.000179   -0.211306   -11.169407
0.14086   -4.022572   -1.688685   -0.377267
-0.000179   -0.053830   -16.862218
0.28173   -4.022572   -1.688685   -0.377267
-0.000179   -0.096192   -29.519986
0.42259   -4.022572   -1.688685   -0.377267
-0.000179   -0.241852   -44.191245
0.56346   -4.022572   -1.688685   -0.377267
-0.000179   -0.387198   -59.429496

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    1.548965   120.170596    0.538827
0.004579    0.314319   148.009670
0.14086    1.548965   120.170596    0.538827
0.004579    0.092017   108.295413
0.28173    1.548965   120.170596    0.538827
0.004579    0.170517    75.981995
0.42259    1.548965   120.170596    0.538827
0.004579    0.412709    62.220980
0.56346    1.548965   120.170596    0.538827
0.004579    0.669112    59.650331
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3733

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -8.530772   -9.876394   -0.614046
-0.004473   -0.362524   -11.543597
0.14086   -8.530772   -9.876394   -0.614046
-0.004473   -0.106186   -16.271111
0.28173   -8.530772   -9.876394   -0.614046
-0.004473   -0.149872   -24.398496
0.42259   -8.530772   -9.876394   -0.614046
-0.004473   -0.375899   -50.683508
0.56346   -8.530772   -9.876394   -0.614046
-0.004473   -0.601816   -91.926303

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    1.568866   128.798212    0.900667
0.004293    0.517685   141.075623
0.14086    1.568866   128.798212    0.900667
0.004293    0.142058   107.280291
0.28173    1.568866   128.798212    0.900667
0.004293    0.275991    80.189571
0.42259    1.568866   128.798212    0.900667
0.004293    0.681349    69.941022
0.56346    1.568866   128.798212    0.900667
0.004293    1.099981    69.748268

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -11.579257   -13.963274   -1.000275
-0.004038   -0.578404   -54.905629
0.14086   -11.579257   -13.963274   -1.000275
-0.004038   -0.160111   -67.447100
0.28173   -11.579257   -13.963274   -1.000275
-0.004038   -0.248826   -83.359489
0.42259   -11.579257   -13.963274   -1.000275
-0.004038   -0.625901   -115.494403
0.56346   -11.579257   -13.963274   -1.000275
-0.004038   -1.004731   -161.087040

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    7.234689   103.284113    1.162213
0.002889    0.660313   129.799987
0.14086    7.234689   103.284113    1.162213
0.002889    0.173750   130.757434
0.28173    7.234689   103.284113    1.162213
0.002889    0.345463   137.439746
0.42259    7.234689   103.284113    1.162213
0.002889    0.863200   156.343196
0.56346    7.234689   103.284113    1.162213
0.002889    1.388498   182.087473

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -9.408351   -72.086778   -1.254309
-0.002802   -0.716239   -51.246735
0.14086   -9.408351   -72.086778   -1.254309
-0.002802   -0.190522   -63.319226
0.28173   -9.408351   -72.086778   -1.254309
-0.002802   -0.320203   -78.034883
0.42259   -9.408351   -72.086778   -1.254309
-0.002802   -0.808287   -106.730972
0.56346   -9.408351   -72.086778   -1.254309
-0.002802   -1.295986   -144.231334

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    8.987022    8.184353    0.707538
0.000393    0.398783    3.603632
0.14086    8.987022    8.184353    0.707538
0.000393    0.101817   23.124284
0.28173    8.987022    8.184353    0.707538
0.000393    0.199082   54.476938
0.42259    8.987022    8.184353    0.707538
0.000393    0.505016   86.239551
0.56346    8.987022    8.184353    0.707538
0.000393    0.809429   118.281379
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
3734

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.283196   -76.600149   -0.727015
-0.000592   -0.411309   -21.054044
0.14086   -0.283196   -76.600149   -0.727015
-0.000592   -0.105722   -13.999709
0.28173   -0.283196   -76.600149   -0.727015
-0.000592   -0.194225   -16.121180
0.42259   -0.283196   -76.600149   -0.727015
-0.000592   -0.491196   -19.420777
0.56346   -0.283196   -76.600149   -0.727015
-0.000592   -0.787962   -22.711474

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000   11.196253   86.461951    0.938027
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 0.006255    0.549964   134.345054
0.14086    11.196253    86.461951    0.938027
 0.006255    0.161697   139.538778
0.28173    11.196253    86.461951    0.938027
 0.006255    0.279538   149.034106
0.42259    11.196253    86.461951    0.938027
 0.006255    0.691074   173.095714
0.56346    11.196253    86.461951    0.938027
 0.006255    1.120257   209.788143

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.474331 -101.342079   -1.027374
-0.006507   -0.608253   -14.406864
0.14086   -4.474331 -101.342079   -1.027374
-0.006507   -0.177383   -17.338415
0.28173   -4.474331 -101.342079   -1.027374
-0.006507   -0.257281   -21.404037
0.42259   -4.474331 -101.342079   -1.027374
-0.006507   -0.650037   -27.918242
0.56346   -4.474331 -101.342079   -1.027374
-0.006507   -1.042757   -54.197550

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   10.445685  108.693448    1.081193
 0.004870    0.621197   138.152490
0.14086   10.445685  108.693448    1.081193
 0.004870    0.717126   134.553177
0.28173   10.445685  108.693448    1.081193
 0.004870    0.320794   138.068441
0.42259   10.445685  108.693448    1.081193
 0.004870    0.794982   159.228652
0.56346   10.445685  108.693448    1.081193
 0.004870    1.281675   191.103555

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -7.010217  -90.642553   -1.164864
-0.005020   -0.675640   -13.395108
0.14086   -7.010217  -90.642553   -1.164864
-0.005020   -0.187234   -16.625878
0.28173   -7.010217  -90.642553   -1.164864
-0.005020   -0.298467   -24.376518
0.42259   -7.010217  -90.642553   -1.164864
-0.005020   -0.751721   -46.782644
0.56346   -7.010217  -90.642553   -1.164864
-0.005020   -1.205030   -83.683483

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.052864  110.496341    1.225517
 0.004194    0.700303   119.588339
0.14086    9.052864  110.496341    1.225517
 0.004194    0.188612   118.153530
0.28173    9.052864  110.496341    1.225517
 0.004194    0.364245   122.558678
0.42259    9.052864  110.496341    1.225517
 0.004194    0.907510   141.590815
0.56346    9.052864  110.496341    1.225517
 0.004194    1.461331   169.541430
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3735

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -8.893686  -78.880603   -1.324257
-0.004193   -0.761926   -41.055860
0.14086   -8.893686  -78.880603   -1.324257
-0.004193   -0.206877   -51.715481
0.28173   -8.893686  -78.880603   -1.324257
-0.004193   -0.338069   -65.887041
0.42259   -8.893686  -78.880603   -1.324257
-0.004193   -0.852116   -92.607832
0.56346   -8.893686  -78.880603   -1.324257
-0.004193   -1.366094  -131.497596

COMB       DB ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   11.772362  135.638875    0.868361
 0.006372    0.688351   139.538627
0.14086   11.772362  135.638875    0.868361
 0.006372    0.134189   128.480570
0.28173   11.772362  135.638875    0.868361
 0.006372    0.261986   138.555917
0.42259   11.772362  135.638875    0.868361
 0.006372    0.651836   165.721838
0.56346   11.772362  135.638875    0.868361
 0.006372    1.054115   204.317972

COMB       DB ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -12.503742 -103.975616   -0.959927
-0.006648   -0.557076   -73.389034
0.14086  -12.503742 -103.975616   -0.959927
-0.006648   -0.154397   -89.572434
0.28173  -12.503742 -103.975616   -0.959927
-0.006648   -0.240815  -106.263197
0.42259  -12.503742 -103.975616   -0.959927
-0.006648   -0.326124  -126.437046
0.56346  -12.503742 -103.975616   -0.959927
-0.006648   -0.969392  -165.870170

COMB       DL ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   11.196253  128.798212    1.225517
 0.006255    0.700303   148.009670
0.14086   11.196253  128.798212    1.225517
 0.006255    0.188612   139.538778
0.28173   11.196253  128.798212    1.225517
 0.006255    0.364245   149.034106
0.42259   11.196253  128.798212    1.225517
 0.006255    0.907510   173.095714
0.56346   11.196253  128.798212    1.225517
 0.006255    1.461331   209.788143

COMB       DL ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -11.579257 -101.342079   -1.324257
-0.006507   -0.761926   -85.986943
0.14086  -11.579257 -101.342079   -1.324257
-0.006507   -0.206877  -105.111560
0.28173  -11.579257 -101.342079   -1.324257
-0.006507   -0.338069  -124.989178
0.42259  -11.579257 -101.342079   -1.324257
-0.006507   -0.852116  -145.740666
0.56346  -11.579257 -101.342079   -1.324257
-0.006507   -1.366094  -180.454197

COMB       CAR ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   11.772362  135.638875    1.225517
 0.006372    0.700303   148.009670
0.14086   11.772362  135.638875    1.225517
 0.006372    0.188612   139.538778
0.28173   11.772362  135.638875    1.225517
 0.006372    0.364245   149.034106
0.42259   11.772362  135.638875    1.225517
 0.006372    0.907510   173.095714
0.56346   11.772362  135.638875    1.225517
 0.006372    1.461331   209.788143
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3736

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -12.503742 -103.975616   -1.324257
-0.006648   -0.761926   -85.986943
0.14086  -12.503742 -103.975616   -1.324257
-0.006648   -0.206877  -105.111560
0.28173  -12.503742 -103.975616   -1.324257
-0.006648   -0.338069  -124.989178
0.42259  -12.503742 -103.975616   -1.324257
-0.006648   -0.852116  -145.740666
0.56346  -12.503742 -103.975616   -1.324257
-0.006648   -1.366094  -180.454197

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   11.772362  135.638875    1.225517
 0.006372    0.700303   148.009670
0.14086   11.772362  135.638875    1.225517
 0.006372    0.188612   139.538778
0.28173   11.772362  135.638875    1.225517
 0.006372    0.364245   149.034106
0.42259   11.772362  135.638875    1.225517
 0.006372    0.907510   173.095714
0.56346   11.772362  135.638875    1.225517
 0.006372    1.461331   209.788143

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -12.503742 -103.975616   -1.324257
-0.006648   -0.761926   -85.986943
0.14086  -12.503742 -103.975616   -1.324257
-0.006648   -0.206877  -105.111560
0.28173  -12.503742 -103.975616   -1.324257
-0.006648   -0.338069  -124.989178
0.42259  -12.503742 -103.975616   -1.324257
-0.006648   -0.852116  -145.740666
0.56346  -12.503742 -103.975616   -1.324257
-0.006648   -1.366094  -180.454197

ELEM      356 ================== LENGTH
=    2.976746

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.055452   18.250793    0.527428
 0.000166    0.587427    1.892550
0.57754    0.055452   18.250793    0.527428
 0.000166    0.366344    2.310600
0.71836    0.055452   18.250793    0.527428
 0.000166    0.145259    3.071120
0.85918    0.055452   18.250793    0.527428
 0.000166    0.069292    4.672321
1.00000    0.055452   18.250793    0.527428
 0.000166    0.274832    6.430626

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -4.772396   -4.730499   -0.490293
-0.000463   -0.547264  -23.421129
0.57754   -4.772396   -4.730499   -0.490293
-0.000463   -0.341740  -30.659136
0.71836   -4.772396   -4.730499   -0.490293
-0.000463   -0.136243  -37.921747
0.85918   -4.772396   -4.730499   -0.490293
-0.000463   -0.075883  -45.203274
1.00000   -4.772396   -4.730499   -0.490293
-0.000463   -0.296973  -52.586187

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.628005   43.934545    0.885757
 0.000646    0.986787   30.681903
0.57754    0.628005   43.934545    0.885757
 0.000646    0.615513   22.468105
0.71836    0.628005   43.934545    0.885757
 0.000646    0.244240   15.760349
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3737

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.85918    0.628005   43.934545    0.885757
 0.000646    0.115398   11.750584
1.00000    0.628005   43.934545    0.885757
 0.000646    0.454862   12.687558

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -8.680742   -8.587763   -0.809713
-0.001089   -0.902833  -27.031265
0.57754   -8.680742   -8.587763   -0.809713
-0.001089   -0.563431  -35.885071
0.71836   -8.680742   -8.587763   -0.809713
-0.001089   -0.224748  -46.516461
0.85918   -8.680742   -8.587763   -0.809713
-0.001089   -0.127816  -59.447103
1.00000   -8.680742   -8.587763   -0.809713
-0.001089   -0.499151  -73.488563

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.723131   95.679187    0.982322
 0.000438    1.095035   175.317088
0.57754    0.723131   95.679187    0.982322
 0.000438    0.683175   144.479586
0.71836    0.723131   95.679187    0.982322
 0.000438    0.271396   114.527368
0.85918    0.723131   95.679187    0.982322
 0.000438    0.123594   86.293115
1.00000    0.723131   95.679187    0.982322
 0.000438    0.489297   60.955674

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672  -11.765700   -6.181146   -0.872195
-0.000810   -0.973203  -23.810523
0.57754  -11.765700   -6.181146   -0.872195
-0.000810   -0.607566  -32.612385
0.71836  -11.765700   -6.181146   -0.872195
-0.000810   -0.241974  -42.230908
0.85918  -11.765700   -6.181146   -0.872195
-0.000810   -0.140297  -53.381053
1.00000  -11.765700   -6.181146   -0.872195
-0.000810   -0.552052  -65.103492

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    7.348133   83.659508    0.973882
 0.004162    1.084288  161.606813
0.57754    7.348133   83.659508    0.973882
 0.004162    0.676349  137.576981
0.71836    7.348133   83.659508    0.973882
 0.004162    0.268658  121.899496
0.85918    7.348133   83.659508    0.973882
 0.004162    0.141132  119.904561
1.00000    7.348133   83.659508    0.973882
 0.004162    0.513164  132.297699

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672  -10.044814  -89.754878   -0.887358
-0.004336   -0.975105   -80.959009
0.57754  -10.044814  -89.754878   -0.887358
-0.004336   -0.603614   -57.710345
0.71836  -10.044814  -89.754878   -0.887358
-0.004336   -0.245480   -47.210506
0.85918  -10.044814  -89.754878   -0.887358
-0.004336   -0.154544   -45.958623
1.00000  -10.044814  -89.754878   -0.887358
-0.004336   -0.562764   -56.516969

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.628976   39.776015    0.358490
 0.000350    0.399881   71.075887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3738

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.57754    0.628976   39.776015    0.358490
 0.000350    0.249609   54.474161
0.71836    0.628976   39.776015    0.358490
 0.000350    0.099354   38.648243
0.85918    0.628976   39.776015    0.358490
 0.000350    0.044174   23.989268
1.00000    0.628976   39.776015    0.358490
 0.000350    0.174345   13.802557

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -4.771807   -1.532561   -0.310453
-0.000447   -0.346195   -3.271067
0.57754   -4.771807   -1.532561   -0.310453
-0.000447   -0.216034   -3.337209
0.71836   -4.771807   -1.532561   -0.310453
-0.000447   -0.085949   -4.385020
0.85918   -4.771807   -1.532561   -0.310453
-0.000447   -0.050974   -7.447873
1.00000   -4.771807   -1.532561   -0.310453
-0.000447   -0.201209  -11.277005

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    4.672155   86.972469    0.491158
 0.005062    0.546572  210.617319
0.57754    4.672155   86.972469    0.491158
 0.005062    0.341099  177.237418
0.71836    4.672155   86.972469    0.491158
 0.005062    0.135961  153.617308
0.85918    4.672155   86.972469    0.491158
 0.005062    0.085206  144.881930
1.00000    4.672155   86.972469    0.491158
 0.005062    0.275805  139.439020

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -7.491087  -59.863120   -0.454489
-0.005074   -0.486797   -21.385933
0.57754   -7.491087  -59.863120   -0.454489
-0.005074   -0.296934   -4.001814
0.71836   -7.491087  -59.863120   -0.454489
-0.005074   -0.125381   -4.078221
0.85918   -7.491087  -59.863120   -0.454489
-0.005074   -0.090410   -7.381769
1.00000   -7.491087  -59.863120   -0.454489
-0.005074   -0.296349  -11.385383

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    4.422201   94.228355    0.852339
 0.004734    0.948910  188.262606
0.57754    4.422201   94.228355    0.852339
 0.004734    0.592089  159.362418
0.71836    4.422201   94.228355    0.852339
 0.004734    0.235399  139.434391
0.85918    4.422201   94.228355    0.852339
 0.004734    0.113278  133.395569
1.00000    4.422201   94.228355    0.852339
 0.004734    0.459621  129.671719

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672  -10.408214  -57.269701   -0.785961
-0.004951   -0.858715   -30.001326
0.57754  -10.408214  -57.269701   -0.785961
-0.004951   -0.529844   -21.409290
0.71836  -10.408214  -57.269701   -0.785961
-0.004951   -0.217517   -28.420949
0.85918  -10.408214  -57.269701   -0.785961
-0.004951   -0.140406   -38.009105
1.00000  -10.408214  -57.269701   -0.785961
-0.004951   -0.497745   -48.102852
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3739

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    9.480118   81.330667    0.955817
 0.003670    1.064423   158.907760
0.57754    9.480118   81.330667    0.955817
 0.003670    0.664010   133.884808
0.71836    9.480118   81.330667    0.955817
 0.003670    0.263783   115.303088
0.85918    9.480118   81.330667    0.955817
 0.003670    0.134871   107.728892
1.00000    9.480118   81.330667    0.955817
 0.003670    0.495221   117.545519

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -8.947275 -101.481388   -0.859464
-0.003681   -0.946201 -106.699644
0.57754   -8.947275 -101.481388   -0.859464
-0.003681   -0.586317   -75.956820
0.71836   -8.947275 -101.481388   -0.859464
-0.003681   -0.237261   -55.569987
0.85918   -8.947275 -101.481388   -0.859464
-0.003681   -0.148978   -37.089015
1.00000   -8.947275 -101.481388   -0.859464
-0.003681   -0.549747   -43.481697

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    9.397133    5.969808    0.433460
 0.000666    0.482900    6.838181
0.57754    9.397133    5.969808    0.433460
 0.000666    0.301200    4.904498
0.71836    9.397133    5.969808    0.433460
 0.000666    0.119489    4.186698
0.85918    9.397133    5.969808    0.433460
 0.000666    0.056948    3.499934
1.00000    9.397133    5.969808    0.433460
 0.000666    0.220113    2.818835

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -0.351996   -77.327481   -0.389157
-0.000375   -0.432501  -140.118804
0.57754   -0.351996   -77.327481   -0.389157
-0.000375   -0.269392  -107.746289
0.71836   -0.351996   -77.327481   -0.389157
-0.000375   -0.106266   -75.399049
0.85918   -0.351996   -77.327481   -0.389157
-0.000375   -0.062220   -43.067000
1.00000   -0.351996   -77.327481   -0.389157
-0.000375   -0.243929   -10.741032

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672   15.657212   30.121428    0.557099
 0.006588    0.618873   84.236132
0.57754   15.657212   30.121428    0.557099
 0.006588    0.385936   75.991390
0.71836   15.657212   30.121428    0.557099
 0.006588    0.153198   79.514322
0.85918   15.657212   30.121428    0.557099
 0.006588    0.103139  100.862840
1.00000   15.657212   30.121428    0.557099
 0.006588    0.328617  122.706034

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -1.623910 -165.230830   -0.537877
-0.006208   -0.574030  -179.633227
0.57754   -1.623910 -165.230830   -0.537877
-0.006208   -0.349397  -118.807487
0.71836   -1.623910 -165.230830   -0.537877
-0.006208   -0.147012   -78.181039
0.85918   -1.623910 -165.230830   -0.537877
-0.006208   -0.105285   -39.486831
1.00000   -1.623910 -165.230830   -0.537877
-0.006208   -0.338826   -8.093049
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3740

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672   13.636612   74.336849    0.758399
 0.004842    0.844313  182.372214
0.57754   13.636612   74.336849    0.758399
 0.004842    0.526833  154.403011
0.71836   13.636612   74.336849    0.758399
 0.004842    0.209467  134.556783
0.85918   13.636612   74.336849    0.758399
 0.004842    0.116527  127.231699
1.00000   13.636612   74.336849    0.758399
 0.004842    0.405053  121.543251

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -5.830487 -135.317234   -0.688206
-0.004511   -0.749435  -159.546384
0.57754   -5.830487 -135.317234   -0.688206
-0.004511   -0.461511  -108.848324
0.71836   -5.830487 -135.317234   -0.688206
-0.004511   -0.188863   -72.156595
0.85918   -5.830487 -135.317234   -0.688206
-0.004511   -0.125540   -36.615062
1.00000   -5.830487 -135.317234   -0.688206
-0.004511   -0.443486    -8.995413

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672   11.703485   78.905319    0.961003
 0.004212    1.070181  160.347598
0.57754   11.703485   78.905319    0.961003
 0.004212    0.667616  133.221631
0.71836   11.703485   78.905319    0.961003
 0.004212    0.265300  114.697106
0.85918   11.703485   78.905319    0.961003
 0.004212    0.139044  107.368248
1.00000   11.703485   78.905319    0.961003
 0.004212    0.503930  103.614679

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -7.985907 -114.646145   -0.870325
-0.004089   -0.955829  -137.338711
0.57754   -7.985907 -114.646145   -0.870325
-0.004089   -0.591466   -99.594953
0.71836   -7.985907 -114.646145   -0.870325
-0.004089   -0.239739   -73.926605
0.85918   -7.985907 -114.646145   -0.870325
-0.004089   -0.151691   -50.496597
1.00000   -7.985907 -114.646145   -0.870325
-0.004089   -0.554559   -34.045057

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.063616   23.434813    0.700383
 0.000154    0.780991    2.127041
0.57754    0.063616   23.434813    0.700383
 0.000154    0.487421    3.532878
0.71836    0.063616   23.434813    0.700383
 0.000154    0.193519    6.179437
0.85918    0.063616   23.434813    0.700383
 0.000154    0.089117    8.154716
1.00000    0.063616   23.434813    0.700383
 0.000154    0.355020   12.228676

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43672   -5.450938   -7.921413   -0.635255
-0.000387   -0.709018  -26.341107
0.57754   -5.450938   -7.921413   -0.635255
-0.000387   -0.442460  -34.681835
0.71836   -5.450938   -7.921413   -0.635255
-0.000387   -0.176244  -44.157449
0.85918   -5.450938   -7.921413   -0.635255
-0.000387   -0.098828  -53.679562
1.00000   -5.450938   -7.921413   -0.635255
-0.000387   -0.392294  -63.278115
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    3741

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43672    0.659446   51.525414    1.147000
 0.000513    1.279452   32.852507
0.57754    0.659446   51.525414    1.147000
 0.000513    0.798788   25.420927
0.71836    0.659446   51.525414    1.147000
 0.000513    0.317649   20.251798
0.85918    0.659446   51.525414    1.147000
 0.000513    0.148577   16.962782
1.00000    0.659446   51.525414    1.147000
 0.000513    0.587298   19.301804

COMB DL-G1-2 ---------- MIN
```

```
REL DIST          P          V2          V3
         T         M2         M3
0.43672   -8.943731  -11.991369  -1.048068
-0.000864  -1.168370  -29.451192
0.57754   -8.943731  -11.991369  -1.048068
-0.000864  -0.728427  -40.097047
0.71836   -8.943731  -11.991369  -1.048068
-0.000864  -0.289673  -53.570927
0.85918   -8.943731  -11.991369  -1.048068
-0.000864  -0.160956  -68.066689
1.00000   -8.943731  -11.991369  -1.048068
-0.000864  -0.642532  -85.842204

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   0.850560   96.984462   1.274893
 0.000406  1.423184  179.135094
0.57754   0.850560   96.984462   1.274893
 0.000406  0.888427  151.475170
0.71836   0.850560   96.984462   1.274893
 0.000406  0.352164  125.626920
0.85918   0.850560   96.984462   1.274893
 0.000406  0.160412  101.072599
1.00000   0.850560   96.984462   1.274893
 0.000406  0.634558   80.513201

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.355506  -10.608895  -1.134891
-0.000583  -1.265263  -26.620573
0.57754  -11.355506  -10.608895  -1.134891
-0.000583  -0.788627  -36.505582
0.71836  -11.355506  -10.608895  -1.134891
-0.000583  -0.313708  -48.391218
0.85918  -11.355506  -10.608895  -1.134891
-0.000583  -0.177012  -61.178039
1.00000  -11.355506  -10.608895  -1.134891
-0.000583  -0.712785  -76.162020

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   6.537632   86.267154   1.295822
 0.003313  1.433121  169.331112
0.57754   6.537632   86.267154   1.295822
 0.003313  0.893371  147.125408
0.71836   6.537632   86.267154   1.295822
 0.003313  0.356117  133.915244
0.85918   6.537632   86.267154   1.295822
 0.003313  0.174972  133.664016
1.00000   6.537632   86.267154   1.295822
 0.003313  0.652249  145.903903

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -9.711087  -82.363095  -1.142109
-0.003426  -1.260286  -76.517237
0.57754   -9.711087  -82.363095  -1.142109
-0.003426  -0.780744  -56.453890
0.71836   -9.711087  -82.363095  -1.142109
-0.003426  -0.314454  -50.854926
0.85918   -9.711087  -82.363095  -1.142109
-0.003426  -0.194025  -53.361157
1.00000   -9.711087  -82.363095  -1.142109
-0.003426  -0.738322  -67.101598
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3742

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   0.677243   37.939625   0.441748
 0.000285  0.493770   70.564447
0.57754   0.677243   37.939625   0.441748
 0.000285  0.308442   55.218474
0.71836   0.677243   37.939625   0.441748
 0.000285  0.122829   40.414866
0.85918   0.677243   37.939625   0.441748
 0.000285  0.057678   26.610457
1.00000   0.677243   37.939625   0.441748
 0.000285  0.224914   16.708118

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -4.046255  -1.850742  -0.400804
-0.000372  -0.446097  -3.185131
0.57754   -4.046255  -1.850742  -0.400804
-0.000372  -0.277938  -3.715902
0.71836   -4.046255  -1.850742  -0.400804
-0.000372  -0.109784  -4.246673
0.85918   -4.046255  -1.850742  -0.400804
-0.000372  -0.060596  -7.025060
1.00000   -4.046255  -1.850742  -0.400804
-0.000372  -0.246244  -11.142351

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   4.166906   81.526887   0.650756
 0.004385  0.707764  216.777774
0.57754   4.166906   81.526887   0.650756
 0.004385  0.440358  185.560061
0.71836   4.166906   81.526887   0.650756
 0.004385  0.178029  164.017448
0.85918   4.166906   81.526887   0.650756
 0.004385  0.101322  154.219652
1.00000   4.166906   81.526887   0.650756
 0.004385  0.337863  148.095553

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -6.377975  -51.922735  -0.567818
-0.004382  -0.612637  -22.224455
0.57754   -6.377975  -51.922735  -0.567818
-0.004382  -0.374204  -4.184462
0.71836   -6.377975  -51.922735  -0.567818
-0.004382  -0.155077  -4.615416
0.85918   -6.377975  -51.922735  -0.567818
-0.004382  -0.109622  -7.096539
1.00000   -6.377975  -51.922735  -0.567818
-0.004382  -0.383360  -11.644378

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   3.942710   93.876844   1.119153
 0.004113  1.232313  193.452738
0.57754   3.942710   93.876844   1.119153
 0.004113  0.767758  167.108953
0.71836   3.942710   93.876844   1.119153
 0.004113  0.307623  150.661508
0.85918   3.942710   93.876844   1.119153
 0.004113  0.160214  144.845241
1.00000   3.942710   93.876844   1.119153
 0.004113  0.578023  141.507419

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -9.654721  -52.341977  -0.999832
-0.004271  -1.096567  -30.436795
0.57754   -9.654721  -52.341977  -0.999832
-0.004271  -0.676958  -22.134876
0.71836   -9.654721  -52.341977  -0.999832
-0.004271  -0.274860  -31.466663
0.85918   -9.654721  -52.341977  -0.999832
-0.004271  -0.173635  -42.514237
1.00000   -9.654721  -52.341977  -0.999832
-0.004271  -0.643814  -54.936441

Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3743

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   8.611124   82.684981   1.268548
 0.002977  1.405029  162.672422
0.57754   8.611124   82.684981   1.268548
 0.002977  0.875859  139.578612
0.71836   8.611124   82.684981   1.268548
 0.002977  0.349089  123.846083
0.85918   8.611124   82.684981   1.268548
 0.002977  0.169518  117.420374
1.00000   8.611124   82.684981   1.268548
 0.002977  0.635997  130.159749

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -8.287626  -94.672200  -1.115313
-0.002964  -1.231588  -98.862002
0.57754   -8.287626  -94.672200  -1.115313
-0.002964  -0.763617  -71.038725
0.71836   -8.287626  -94.672200  -1.115313
-0.002964  -0.306703  -55.105654
0.85918   -8.287626  -94.672200  -1.115313
-0.002964  -0.188096  -42.286314
1.00000   -8.287626  -94.672200  -1.115313
-0.002964  -0.720817  -51.582854

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   8.939713   8.613324   0.594997
 0.000566  0.662952   7.069118
0.57754   8.939713   8.613324   0.594997
 0.000566  0.413418   5.349458
0.71836   8.939713   8.613324   0.594997
 0.000566  0.163642   4.615832
0.85918   8.939713   8.613324   0.594997
 0.000566  0.075101   3.994054
1.00000   8.939713   8.613324   0.594997
 0.000566  0.294894   3.371181

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -0.312411  -76.083987  -0.523529
-0.000303  -0.582125  -140.113114
0.57754   -0.312411  -76.083987  -0.523529
-0.000303  -0.363211  -109.919261
0.71836   -0.312411  -76.083987  -0.523529
-0.000303  -0.143498  -80.329980
0.85918   -0.312411  -76.083987  -0.523529
-0.000303  -0.084194  -50.777032
1.00000   -0.312411  -76.083987  -0.523529
-0.000303  -0.334207  -21.241510

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   14.872975   31.251479   0.797385
 0.006502  0.861131   90.018063
0.57754   14.872975   31.251479   0.797385
 0.006502  0.534731   82.338412
0.71836   14.872975   31.251479   0.797385
 0.006502  0.208332   88.732672
0.85918   14.872975   31.251479   0.797385
 0.006502  0.128224   111.211131
1.00000   14.872975   31.251479   0.797385
 0.006502  0.419518   134.049085

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -1.364316  -160.245463  -0.695315
-0.006141  -0.745756  -178.888082
0.57754   -1.364316  -160.245463  -0.695315
-0.006141  -0.454966  -116.796496
0.71836   -1.364316  -160.245463  -0.695315
-0.006141  -0.188664  -80.693631
0.85918   -1.364316  -160.245463  -0.695315
-0.006141  -0.141690  -46.770303
1.00000   -1.364316  -160.245463  -0.695315
-0.006141  -0.476585  -15.033591
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3744

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   13.070742   69.326487   1.031621
 0.004957  1.130964  182.246630
0.57754   13.070742   69.326487   1.031621
 0.004957  0.703921  157.507766
0.71836   13.070742   69.326487   1.031621
 0.004957  0.282493  143.129788
0.85918   13.070742   69.326487   1.031621
 0.004957  0.148901  140.344537
1.00000   13.070742   69.326487   1.031621
 0.004957  0.523285  137.977072

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -4.815862  -132.953413  -0.895593
-0.004646  -0.976201  -158.285141
0.57754   -4.815862  -132.953413  -0.895593
-0.004646  -0.601151  -106.658779
0.71836   -4.815862  -132.953413  -0.895593
-0.004646  -0.244826  -73.917798
0.85918   -4.815862  -132.953413  -0.895593
-0.004646  -0.164663  -42.739876
1.00000   -4.815862  -132.953413  -0.895593
-0.004646  -0.598103  -13.985611

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   11.230569   77.965897   1.278284
 0.004278  1.409993  160.642085
0.57754   11.230569   77.965897   1.278284
 0.004278  0.878472  136.367352
0.71836   11.230569   77.965897   1.278284
 0.004278  0.351519  123.144710
0.85918   11.230569   77.965897   1.278284
 0.004278  0.179065  120.179777
1.00000   11.230569   77.965897   1.278284
 0.004278  0.652931  119.682094

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672   -7.092045  -114.207259  -1.133021
-0.004146  -1.244678  -136.400770
0.57754   -7.092045  -114.207259  -1.133021
-0.004146  -0.769648  -97.602593
0.71836   -7.092045  -114.207259  -1.133021
-0.004146  -0.310638  -76.801662
0.85918   -7.092045  -114.207259  -1.133021
-0.004146  -0.195663  -57.550114
1.00000   -7.092045  -114.207259  -1.133021
-0.004146  -0.732817  -41.502460

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   15.657212   95.679187   0.982322
 0.006588  1.095035  210.617319
0.57754   15.657212   95.679187   0.982322
 0.006588  0.683175  177.237418
0.71836   15.657212   95.679187   0.982322
 0.006588  0.271396  153.617308
0.85918   15.657212   95.679187   0.982322
 0.006588  0.141132  144.881930
1.00000   15.657212   95.679187   0.982322
 0.006588  0.513164  139.439020

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.765700  -165.230830  -0.887358
-0.006208  -0.975105  -179.633227
0.57754  -11.765700  -165.230830  -0.887358
-0.006208  -0.607566  -118.807487
0.71836  -11.765700  -165.230830  -0.887358
-0.006208  -0.245480  -78.181039
0.85918  -11.765700  -165.230830  -0.887358
-0.006208  -0.154544  -59.447103
1.00000  -11.765700  -165.230830  -0.887358
-0.006208  -0.562764  -73.488563
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3745

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   14.872975   96.984462   1.295822
 0.006502  1.433121  216.777774
0.57754   14.872975   96.984462   1.295822
 0.006502  0.893371  185.560061
0.71836   14.872975   96.984462   1.295822
 0.006502  0.356117  164.017448
0.85918   14.872975   96.984462   1.295822
 0.006502  0.179065  154.219652
1.00000   14.872975   96.984462   1.295822
 0.006502  0.652931  148.095553

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.355506  -160.245463  -1.142109
-0.006141  -1.265263  -178.888082
0.57754  -11.355506  -160.245463  -1.142109
-0.006141  -0.788627  -116.796496
0.71836  -11.355506  -160.245463  -1.142109
-0.006141  -0.314454  -80.693631
0.85918  -11.355506  -160.245463  -1.142109
-0.006141  -0.195663  -68.066689
1.00000  -11.355506  -160.245463  -1.142109
-0.006141  -0.738322  -85.842204

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   15.657212   96.984462   1.295822
 0.006588  1.433121  216.777774
0.57754   15.657212   96.984462   1.295822
 0.006588  0.893371  185.560061
0.71836   15.657212   96.984462   1.295822
 0.006588  0.356117  164.017448
0.85918   15.657212   96.984462   1.295822
 0.006588  0.179065  154.219652
1.00000   15.657212   96.984462   1.295822
 0.006588  0.652931  148.095553

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.765700  -165.230830  -1.142109
-0.006208  -1.265263  -179.633227
0.57754  -11.765700  -165.230830  -1.142109
-0.006208  -0.788627  -118.807487
0.71836  -11.765700  -165.230830  -1.142109
-0.006208  -0.314454  -80.693631
0.85918  -11.765700  -165.230830  -1.142109
-0.006208  -0.195663  -68.066689
1.00000  -11.765700  -165.230830  -1.142109
-0.006208  -0.738322  -85.842204

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.43672   15.657212   96.984462   1.295822
 0.006588  1.433121  216.777774
0.57754   15.657212   96.984462   1.295822
 0.006588  0.893371  185.560061
0.71836   15.657212   96.984462   1.295822
 0.006588  0.356117  164.017448
0.85918   15.657212   96.984462   1.295822
 0.006588  0.179065  154.219652
1.00000   15.657212   96.984462   1.295822
 0.006588  0.652931  148.095553

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.43672  -11.765700  -165.230830  -1.142109
-0.006208  -1.265263  -179.633227
0.57754  -11.765700  -165.230830  -1.142109
-0.006208  -0.788627  -118.807487
0.71836  -11.765700  -165.230830  -1.142109
-0.006208  -0.314454  -80.693631
0.85918  -11.765700  -165.230830  -1.142109
-0.006208  -0.195663  -68.066689
1.00000  -11.765700  -165.230830  -1.142109
-0.006208  -0.738322  -85.842204
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3746

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      357 ========== LENGTH =    2.977743

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.053455   18.182191   0.508245
 9.93E-06  0.283654   6.438700
0.14086   0.053455   18.182191   0.508245
 9.93E-06  0.070468   8.27807
0.28171   0.053455   18.182191   0.508245
 9.93E-06  0.136748   10.193784
0.42257   0.053455   18.182191   0.508245
 9.93E-06  0.344679   12.126359
0.56343   0.053455   18.182191   0.508245
 9.93E-06  0.552636   14.071183

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -4.730506  -4.649563  -0.495803
-0.000252  -0.279193  -52.603056
0.14086   -4.730506  -4.649563  -0.495803
-0.000252  -0.071220  -60.109174
0.28171   -4.730506  -4.649563  -0.495803
-0.000252  -0.142727  -67.636928
0.42257   -4.730506  -4.649563  -0.495803
-0.000252  -0.355902  -75.184655
0.56343   -4.730506  -4.649563  -0.495803
-0.000252  -0.569076  -82.764806

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.510872   45.207864   0.857970
 0.000273  0.479983   12.709708
0.14086   0.510872   45.207864   0.857970
 0.000273  0.120182   13.540844
0.28171   0.510872   45.207864   0.857970
 0.000273  0.225599   15.058986
0.42257   0.510872   45.207864   0.857970
 0.000273  0.567674   17.334407
0.56343   0.510872   45.207864   0.857970
 0.000273  0.910463   19.949380

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -8.692931  -6.610109  -0.817285
-0.000712  -0.460758  -73.519986
0.14086   -8.692931  -6.610109  -0.817285
-0.000712  -0.117918  -89.756525
0.28171   -8.692931  -6.610109  -0.817285
-0.000712  -0.240567  -106.497684
0.42257   -8.692931  -6.610109  -0.817285
-0.000712  -0.600348  -123.478878
0.56343   -8.692931  -6.610109  -0.817285
-0.000712  -0.960163  -141.500631

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.739968   94.729280   0.958679
 0.000407  0.535768   60.931615
0.14086   0.739968   94.729280   0.958679
 0.000407  0.133745   40.460460
0.28171   0.739968   94.729280   0.958679
 0.000407  0.242920   35.664161
0.42257   0.739968   94.729280   0.958679
 0.000407  0.611506   34.960309
0.56343   0.739968   94.729280   0.958679
 0.000407  0.980111   35.593448

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -11.615966  -6.106890  -0.878815
-0.000848  -0.494312  -65.124024
0.14086   -11.615966  -6.106890  -0.878815
-0.000848  -0.125631  -76.802338
0.28171   -11.615966  -6.106890  -0.878815
-0.000848  -0.268428  -89.955974
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3747

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.42257   -11.615966  -6.106890  -0.878815
-0.000848  -0.670585  -126.662751
0.56343   -11.615966  -6.106890  -0.878815
-0.000848  -1.072683  -166.144354

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   5.020265   117.161888   0.955690
 0.003984  0.549843   132.473088
0.14086   5.020265   117.161888   0.955690
 0.003984  0.149202   118.039414
0.28171   5.020265   117.161888   0.955690
 0.003984  0.246126   116.449145
0.42257   5.020265   117.161888   0.955690
 0.003984  0.607587   127.103676
0.56343   5.020265   117.161888   0.955690
 0.003984  0.982249   145.147381

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -11.729712  -52.994093  -0.894086
-0.004164  -0.518498  -56.527776
0.14086   -11.729712  -52.994093  -0.894086
-0.004164  -0.143413  -67.093586
0.28171   -11.729712  -52.994093  -0.894086
-0.004164  -0.266380  -79.042611
0.42257   -11.729712  -52.994093  -0.894086
-0.004164  -0.666318  -110.387999
0.56343   -11.729712  -52.994093  -0.894086
-0.004164  -1.066443  -151.524473

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.633540   39.385106   0.354247
 0.000176  0.198440   13.790240
0.14086   0.633540   39.385106   0.354247
 0.000176  0.049876   8.723006
0.28171   0.633540   39.385106   0.354247
 0.000176  0.086297   7.247470
0.42257   0.633540   39.385106   0.354247
 0.000176  0.216979   6.759027
0.56343   0.633540   39.385106   0.354247
 0.000176  0.347737   6.652896

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -4.718588  -1.465003  -0.311696
-0.000377  -0.178190  -11.128246
0.14086   -4.718588  -1.465003  -0.311696
-0.000377  -0.044412  -15.110256
0.28171   -4.718588  -1.465003  -0.311696
-0.000377  -0.098782  -29.848471
0.42257   -4.718588  -1.465003  -0.311696
-0.000377  -0.247343  -46.586342
0.56343   -4.718588  -1.465003  -0.311696
-0.000377  -0.395920  -61.804413

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   1.417882   133.026532   0.489339
 0.005211  0.294571   139.695590
0.14086   1.417882   133.026532   0.489339
 0.005211  0.089557   94.437682
0.28171   1.417882   133.026532   0.489339
 0.005211  0.126001   66.065050
0.42257   1.417882   133.026532   0.489339
 0.005211  0.299391   54.050741
0.56343   1.417882   133.026532   0.489339
 0.005211  0.490870   52.163891

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -9.861539  -8.989207  -0.457656
-0.005376  -0.277917  -11.384665
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    3748

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.14086   -9.861539  -8.989207  -0.457656
-0.005376  -0.085879  -15.430840
0.28171   -9.861539  -8.989207  -0.457656
-0.005376  -0.135793  -21.357176
0.42257   -9.861539  -8.989207  -0.457656
-0.005376  -0.339787  -53.029873
0.56343   -9.861539  -8.989207  -0.457656
-0.005376  -0.544040  -97.915094
```

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.484089	135.734168	0.835881
0.004702	0.485852	129.910185	
0.14086	1.484089	135.734168	0.835881
0.004702	0.135489	90.445032	
0.28171	1.484089	135.734168	0.835881
0.004702	0.218464	66.169049	
0.42257	1.484089	135.734168	0.835881
0.004702	0.534128	56.644702	
0.56343	1.484089	135.734168	0.835881
0.004702	0.866141	56.272695	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.514069	-11.285722	-0.792600
-0.005072	-0.464503	-48.116199	
0.14086	-12.514069	-11.285722	-0.792600
-0.005072	-0.131987	-58.210023	
0.28171	-12.514069	-11.285722	-0.792600
-0.005072	-0.233297	-70.165160	
0.42257	-12.514069	-11.285722	-0.792600
-0.005072	-0.582769	-105.528951	
0.56343	-12.514069	-11.285722	-0.792600
-0.005072	-0.932471	-152.487836	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.622915	108.371135	0.943677
0.003540	0.541120	117.667999	
0.14086	7.622915	108.371135	0.943677
0.003540	0.174571	114.172924	
0.28171	7.622915	108.371135	0.943677
0.003540	0.237476	123.846566	
0.42257	7.622915	108.371135	0.943677
0.003540	0.588281	144.027620	
0.56343	7.622915	108.371135	0.943677
0.003540	0.949799	170.464124	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.297901	-71.883542	-0.862594
-0.003592	-0.497978	-43.486647	
0.14086	-10.297901	-71.883542	-0.862594
-0.003592	-0.136101	-52.936077	
0.28171	-10.297901	-71.883542	-0.862594
-0.003592	-0.262279	-63.834202	
0.42257	-10.297901	-71.883542	-0.862594
-0.003592	-0.657391	-94.452634	
0.56343	-10.297901	-71.883542	-0.862594
-0.003592	-1.052625	-133.285361	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.476254	5.996630	0.437669
0.000773	0.247176	2.816828	
0.14086	9.476254	5.996630	0.437669
0.000773	0.063556	23.586513	
0.28171	9.476254	5.996630	0.437669
0.000773	0.105393	55.812674	
0.42257	9.476254	5.996630	0.437669
0.000773	0.226568	88.302826	
0.56343	9.476254	5.996630	0.437669
0.000773	0.426964	120.892400	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3749

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345120	-77.874184	-0.383363
-0.000423	-0.216222	-10.779848	
0.14086	-0.345120	-77.874184	-0.383363
-0.000423	-0.055424	-7.931892	
0.28171	-0.345120	-77.874184	-0.383363
-0.000423	-0.119999	-9.639003	
0.42257	-0.345120	-77.874184	-0.383363
-0.000423	-0.303571	-11.533367	
0.56343	-0.345120	-77.874184	-0.383363
-0.000423	-0.487144	-13.835540	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.777446	87.099873	0.563173
0.006724	0.342606	123.016568	
0.14086	11.777446	87.099873	0.563173
0.006724	0.106591	128.645721	
0.28171	11.777446	87.099873	0.563173
0.006724	0.146265	138.747477	
0.42257	11.777446	87.099873	0.563173
0.006724	0.348135	165.946286	
0.56343	11.777446	87.099873	0.563173
0.006724	0.572033	204.530579	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.613104	-104.061281	-0.535186
-0.006314	-0.327047	-8.076877	
0.14086	-4.613104	-104.061281	-0.535186
-0.006314	-0.102556	-10.646924	
0.28171	-4.613104	-104.061281	-0.535186
-0.006314	-0.154072	-13.274807	
0.42257	-4.613104	-104.061281	-0.535186
-0.006314	-0.338690	-18.132702	
0.56343	-4.613104	-104.061281	-0.535186
-0.006314	-0.623710	-40.144390	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.010486	112.898833	0.763456
0.005059	0.446839	121.711925	
0.14086	11.010486	112.898833	0.763456
0.005059	0.126773	118.100969	
0.28171	11.010486	112.898833	0.763456
0.005059	0.188386	129.959413	
0.42257	11.010486	112.898833	0.763456
0.005059	0.460410	155.748319	
0.56343	11.010486	112.898833	0.763456
0.005059	0.747534	190.112034	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.805829	-93.533730	-0.685501
-0.004801	-0.403358	-8.979200	
0.14086	-7.805829	-93.533730	-0.685501
-0.004801	-0.115761	-11.357530	
0.28171	-7.805829	-93.533730	-0.685501
-0.004801	-0.210167	-15.721918	
0.42257	-7.805829	-93.533730	-0.685501
-0.004801	-0.529367	-43.753855	
0.56343	-7.805829	-93.533730	-0.685501
-0.004801	-0.848771	-82.168613	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.533775	110.572261	0.954762
0.004220	0.550165	103.760268	
0.14086	9.533775	110.572261	0.954762
0.004220	0.149847	101.722294	
0.28171	9.533775	110.572261	0.954762
0.004220	0.239647	112.588712	
0.42257	9.533775	110.572261	0.954762
0.004220	0.591955	135.036109	
0.56343	9.533775	110.572261	0.954762
0.004220	0.956752	164.578994	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3750

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.588755	-80.083796	-0.870526
-0.004186	-0.504417	-34.347605	
0.14086	-9.588755	-80.083796	-0.870526
-0.004186	-0.139195	-42.546427	
0.28171	-9.588755	-80.083796	-0.870526
-0.004186	-0.264483	-52.494719	
0.42257	-9.588755	-80.083796	-0.870526
-0.004186	-0.664071	-81.920431	
0.56343	-9.588755	-80.083796	-0.870526
-0.004186	-1.063850	-120.585490	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064257	23.320799	0.691162
7.32E-06	0.386742	12.245509	
0.14086	0.064257	23.320799	0.691162
7.32E-06	0.096603	15.441238	
0.28171	0.064257	23.320799	0.691162
7.32E-06	0.176902	18.708331	
0.42257	0.064257	23.320799	0.691162
7.32E-06	0.447732	21.992751	
0.56343	0.064257	23.320799	0.691162
7.32E-06	0.718737	25.285122	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.421700	-7.861559	-0.645816
-0.000211	-0.363301	-63.300863	
0.14086	-5.421700	-7.861559	-0.645816
-0.000211	-0.092668	-72.954359	
0.28171	-5.421700	-7.861559	-0.645816
-0.000211	-0.191928	-82.659394	
0.42257	-5.421700	-7.861559	-0.645816
-0.000211	-0.482102	-92.395142	
0.56343	-5.421700	-7.861559	-0.645816
-0.000211	-0.772103	-102.154879	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.597886	52.172289	1.144579
0.000197	0.642379	19.329054	
0.14086	0.597886	52.172289	1.144579
0.000197	0.161452	22.123017	
0.28171	0.597886	52.172289	1.144579
0.000197	0.290557	25.754469	
0.42257	0.597886	52.172289	1.144579
0.000197	0.733464	29.845900	
0.56343	0.597886	52.172289	1.144579
0.000197	1.177632	34.231894	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.955900	-10.817060	-1.057787
-0.000553	-0.594543	-85.882655	
0.14086	-8.955900	-10.817060	-1.057787
-0.000553	-0.151756	-104.984039	
0.28171	-8.955900	-10.817060	-1.057787
-0.000553	-0.316555	-124.826736	
0.42257	-8.955900	-10.817060	-1.057787
-0.000553	-0.796875	-145.547358	
0.56343	-8.955900	-10.817060	-1.057787
-0.000553	-1.276997	-166.920852	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.864185	96.125746	1.269648
0.000344	0.710568	80.508053	
0.14086	0.864185	96.125746	1.269648
0.000344	0.176493	63.150801	
0.28171	0.864185	96.125746	1.269648
0.000344	0.313765	52.619761	
0.42257	0.864185	96.125746	1.269648
0.000344	0.789926	50.421344	
0.56343	0.864185	96.125746	1.269648
0.000344	1.267867	51.452556	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3751

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.250315	-10.560878	-1.137537
-0.000699	-0.637148	-76.190120	
0.14086	-11.250315	-10.560878	-1.137537
-0.000699	-0.161688	-91.239403	
0.28171	-11.250315	-10.560878	-1.137537
-0.000699	-0.350824	-108.261711	
0.42257	-11.250315	-10.560878	-1.137537
-0.000699	-0.884933	-142.788164	
0.56343	-11.250315	-10.560878	-1.137537
-0.000699	-1.417948	-180.246766	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.857243	111.448571	1.292808
0.003107	0.737307	145.900674	
0.14086	4.857243	111.448571	1.292808
0.003107	0.193982	137.684000	
0.28171	4.857243	111.448571	1.292808
0.003107	0.314648	135.086642	
0.42257	4.857243	111.448571	1.292808
0.003107	0.783933	145.498048	
0.56343	4.857243	111.448571	1.292808
0.003107	1.266004	163.764771	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.083977	-55.200398	-1.148251
-0.003257	-0.657423	-67.114082	
0.14086	-11.083977	-55.200398	-1.148251
-0.003257	-0.177453	-80.998531	
0.28171	-11.083977	-55.200398	-1.148251
-0.003257	-0.355697	-96.704939	
0.42257	-11.083977	-55.200398	-1.148251
-0.003257	-0.891314	-126.666345	
0.56343	-11.083977	-55.200398	-1.148251
-0.003257	-1.430433	-166.865818	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.682466	37.688746	0.449773
0.000163	0.252693	16.702518	
0.14086	0.682466	37.688746	0.449773
0.000163	0.063546	9.588194	
0.28171	0.682466	37.688746	0.449773
0.000163	0.110127	7.611274	
0.42257	0.682466	37.688746	0.449773
0.000163	0.276774	7.172172	
0.56343	0.682466	37.688746	0.449773
0.000163	0.443816	7.283091	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.020926	-1.808871	-0.397904
-0.000305	-0.222433	-11.149508	
0.14086	-4.020926	-1.808871	-0.397904
-0.000305	-0.056273	-16.823576	
0.28171	-4.020926	-1.808871	-0.397904
-0.000305	-0.123363	-29.480956	
0.42257	-4.020926	-1.808871	-0.397904
-0.000305	-0.312558	-44.153592	
0.56343	-4.020926	-1.808871	-0.397904
-0.000305	-0.501271	-59.394232	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.541171	120.227757	0.654565
0.004465	0.386287	148.103878	
0.14086	1.541171	120.227757	0.654565
0.004465	0.110975	108.395041	
0.28171	1.541171	120.227757	0.654565
0.004465	0.154469	76.083510	
0.42257	1.541171	120.227757	0.654565
0.004465	0.371728	62.327696	
0.56343	1.541171	120.227757	0.654565
0.004465	0.607909	59.750688	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3752

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.528144	-9.904290	-0.562278
-0.004587	-0.334174	-11.642087	
0.14086	-8.528144	-9.904290	-0.562278
-0.004587	-0.099993	-16.392498	
0.28171	-8.528144	-9.904290	-0.562278
-0.004587	-0.178109	-24.507379	
0.42257	-8.528144	-9.904290	-0.562278
-0.004587	-0.442345	-50.829108	
0.56343	-8.528144	-9.904290	-0.562278
-0.004587	-0.711553	-92.010428	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.570878	128.787956	1.119446
0.004032	0.645278	141.529371	
0.14086	1.570878	128.787956	1.119446
0.004032	0.174317	107.853679	
0.28171	1.570878	128.787956	1.119446
0.004032	0.274721	80.896675	
0.42257	1.570878	128.787956	1.119446
0.004032	0.677137	70.783863	
0.56343	1.570878	128.787956	1.119446
0.004032	1.096997	70.718567	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.577021	-14.296627	-0.999805
-0.004327	-0.578153	-54.953241	
0.14086	-11.577021	-14.296627	-0.999805
-0.004327	-0.160636	-67.495525	
0.28171	-11.577021	-14.296627	-0.999805
-0.004327	-0.283875	-83.376671	
0.42257	-11.577021	-14.296627	-0.999805
-0.004327	-0.767684	-115.513747	
0.56343	-11.577021	-14.296627	-0.999805
-0.004327	-1.232474	-161.034944	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.237327	103.525392	1.270725
0.002816	0.723475	130.136140	
0.14086	7.237327	103.525392	1.270725
0.002816	0.189813	131.164964	
0.28171	7.237327	103.525392	1.270725
0.002816	0.306532	137.928684	
0.42257	7.237327	103.525392	1.270725
0.002816	0.764252	156.914764	
0.56343	7.237327	103.525392	1.270725
0.002816	1.232673	182.735666	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.417526	-72.315529	-1.116367
-0.002876	-0.637416	-51.584994	
0.14086	-9.417526	-72.315529	-1.116367
-0.002876	-0.170516	-63.751695	
0.28171	-9.417526	-72.315529	-1.116367
-0.002876	-0.348968	-78.539200	
0.42257	-9.417526	-72.315529	-1.116367
-0.002876	-0.877084	-107.322020	
0.56343	-9.417526	-72.315529	-1.116367
-0.002876	-1.407297	-144.886032	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.991692	8.601691	0.599543
0.000677	0.331615	3.368089	
0.14086	8.991692	8.601691	0.599543
0.000677	0.085409	23.012792	
0.28171	8.991692	8.601691	0.599543
0.000677	0.143389	54.324561	
0.42257	8.991692	8.601691	0.599543
0.000677	0.362657	86.036353	
0.56343	8.991692	8.601691	0.599543
0.000677	0.581813	117.958148	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3753

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.302648	-76.513049	-0.523097
-0.000341	-0.295063	-21.268102	
0.14086	-0.302648	-76.513049	-0.523097
-0.000341	-0.075288	-14.673562	
0.28171	-0.302648	-76.513049	-0.523097
-0.000341	-0.164384	-17.356047	
0.42257	-0.302648	-76.513049	-0.523097
-0.000341	-0.416311	-20.435582	
0.56343	-0.302648	-76.513049	-0.523097
-0.000341	-0.667873	-23.893210	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.197113	86.992874	0.801070
0.006586	0.478861	134.084209	
0.14086	11.197113	86.992874	0.801070
0.006586	0.142482	139.387305	
0.28171	11.197113	86.992874	0.801070
0.006586	0.188537	148.824159	
0.42257	11.197113	86.992874	0.801070
0.006586	0.456178	172.790500	
0.56343	11.197113	86.992874	0.801070
0.006586	0.748413	209.404628	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.496044	-101.208688	-0.697766
-0.006209	-0.421978	-15.031802	
0.14086	-4.496044	-101.208688	-0.697766
-0.006209	-0.129412	-18.247542	
0.28171	-4.496044	-101.208688	-0.697766
-0.006209	-0.218070	-22.546081	
0.42257	-4.496044	-101.208688	-0.697766
-0.006209	-0.537655	-29.277229	
0.56343	-4.496044	-101.208688	-0.697766
-0.006209	-0.865733	-55.661653	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.442333	109.159907	1.038264
0.005087	0.603060	137.970973	
0.14086	10.442333	109.159907	1.038264
0.005087	0.166492	134.436678	
0.28171	10.442333	109.159907	1.038264
0.005087	0.244247	137.886067	
0.42257	10.442333	109.159907	1.038264
0.005087	0.600065	158.977452	
0.56343	10.442333	109.159907	1.038264
0.005087	0.974025	190.792690	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.025298	-90.531743	-0.892544
-0.004835	-0.521813	-13.972889	
0.14086	-7.025298	-90.531743	-0.892544
-0.004835	-0.148678	-17.432276	
0.28171	-7.025298	-90.531743	-0.892544
-0.004835	-0.283295	-25.347693	
0.42257	-7.025298	-90.531743	-0.892544
-0.004835	-0.708143	-47.965407	
0.56343	-7.025298	-90.531743	-0.892544
-0.004835	-1.137996	-84.976894	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.052479	110.853085	1.285080
0.004244	0.738195	119.692448	
0.14086	9.052479	110.853085	1.285080
0.004244	0.197949	118.393653	
0.28171	9.052479	110.853085	1.285080
0.004244	0.310326	122.825655	
0.42257	9.052479	110.853085	1.285080
0.004244	0.769118	141.886562	
0.56343	9.052479	110.853085	1.285080
0.004244	1.243511	169.874199	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3754

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.907097	-78.993105	-1.131112
-0.004186	-0.652034	-41.509864	
0.14086	-8.907097	-78.993105	-1.131112
-0.004186	-0.178870	-52.339993	
0.28171	-8.907097	-78.993105	-1.131112
-0.004186	-0.351978	-66.635817	
0.42257	-8.907097	-78.993105	-1.131112
-0.004186	-0.882392	-93.518397	
0.56343	-8.907097	-78.993105	-1.131112
-0.004186	-1.416808	-132.488971	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.777446	135.734168	0.958679
0.006724	0.550165	139.695590	
0.14086	11.777446	135.734168	0.958679
0.006724	0.149847	128.645721	
0.28171	11.777446	135.734168	0.958679
0.006724	0.246126	138.747477	
0.42257	11.777446	135.734168	0.958679
0.006724	0.611006	165.946286	
0.56343	11.777446	135.734168	0.958679
0.006724	0.982249	204.530579	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.514069	-104.061281	-0.894086
-0.006314	-0.518498	-73.519466	
0.14086	-12.514069	-104.061281	-0.894086
-0.006314	-0.143413	-89.756525	
0.28171	-12.514069	-104.061281	-0.894086
-0.006314	-0.268422	-106.497884	
0.42257	-12.514069	-104.061281	-0.894086
-0.006314	-0.670585	-126.662751	
0.56343	-12.514069	-104.061281	-0.894086
-0.006314	-1.072683	-166.144354	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.197113	128.787956	1.292808
0.006586	0.738195	148.103878	
0.14086	11.197113	128.787956	1.292808
0.006586	0.197949	139.387305	
0.28171	11.197113	128.787956	1.292808
0.006586	0.314648	148.824159	
0.42257	11.197113	128.787956	1.292808
0.006586	0.789926	172.790500	
0.56343	11.197113	128.787956	1.292808
0.006586	1.267867	209.404628	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.577021	-101.208688	-1.148251
-0.006209	-0.657423	-85.882655	
0.14086	-11.577021	-101.208688	-1.148251
-0.006209	-0.178870	-104.984039	
0.28171	-11.577021	-101.208688	-1.148251
-0.006209	-0.355697	-124.826736	
0.42257	-11.577021	-101.208688	-1.148251
-0.006209	-0.891314	-145.547358	
0.56343	-11.577021	-101.208688	-1.148251
-0.006209	-1.430433	-180.246766	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.777446	135.734168	1.292808
0.006724	0.738195	148.103878	
0.14086	11.777446	135.734168	1.292808
0.006724	0.197949	139.387305	
0.28171	11.777446	135.734168	1.292808
0.006724	0.314648	148.824159	
0.42257	11.777446	135.734168	1.292808
0.006724	0.789926	172.790500	
0.56343	11.777446	135.734168	1.292808
0.006724	1.267867	209.404628	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3755

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.514069	-104.061281	-1.148251

```
-0.006314   -0.657423   -85.882655
 0.14086   -12.514069  -104.061281     -1.148251
-0.006314   -0.178870  -104.984039
 0.28171   -12.514069  -104.061281     -1.148251
-0.006314   -0.355697  -124.826736
 0.42257   -12.514069  -104.061281     -1.148251
-0.006314   -0.891314  -145.547358
 0.56343   -12.514069  -104.061281     -1.148251
-0.006314   -1.430433  -180.246766

COMB  DESIGN  ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   11.777446  135.734168    1.292808
 0.006724   0.738195  148.103878
 0.14086   11.777446  135.734168    1.292808
 0.006724   0.197949  139.387305
 0.28171   11.777446  135.734168    1.292808
 0.006724   0.314648  148.824159
 0.42257   11.777446  135.734168    1.292808
 0.006724   0.789926  172.790500
 0.56343   11.777446  135.734168    1.292808
 0.006724   1.267867  209.404628

COMB  DESIGN  ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000  -12.514069  -104.061281    -1.148251
-0.006314   -0.657423   -85.882655
 0.14086  -12.514069  -104.061281    -1.148251
-0.006314   -0.178870  -104.984039
 0.28171  -12.514069  -104.061281    -1.148251
-0.006314   -0.355697  -124.826736
 0.42257  -12.514069  -104.061281    -1.148251
-0.006314   -0.891314  -145.547358
 0.56343  -12.514069  -104.061281    -1.148251
-0.006314   -1.430433  -180.246766

ELEM      358 ================== LENGTH
=     2.977600

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.532352   15.665838    0.631630
 1.33E-05   0.703851    2.525733
 0.57744    0.532352   15.665838    0.631630
 1.33E-05   0.438946    2.440755
 0.71830    0.532352   15.665838    0.631630
 1.33E-05   0.174094    2.962218
 0.85915    0.532352   15.665838    0.631630
 1.33E-05   0.073769    5.707495
 1.00000    0.532352   15.665838    0.631630
 1.33E-05   0.290805    8.953102

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -4.076434   -8.404212   -0.517453
-0.000789   -0.577275  -23.586977
 0.57744   -4.076434   -8.404212   -0.517453
-0.000789   -0.360260  -29.572781
 0.71830   -4.076434   -8.404212   -0.517453
-0.000789   -0.143260  -35.613720
 0.85915   -4.076434   -8.404212   -0.517453
-0.000789   -0.090868  -41.681247
 1.00000   -4.076434   -8.404212   -0.517453
-0.000789   -0.355772  -47.856542

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.965729   39.900561    1.055863
 0.000309   1.176862   29.174293
 0.57744    0.965729   39.900561    1.055863
 0.000309   0.734062   21.347038
 0.71830    0.965729   39.900561    1.055863
 0.000309   0.291958   14.675070
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3756

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.85915    0.965729   39.900561    1.055863
 0.000309   0.122679   12.392714
 1.00000    0.965729   39.900561    1.055863
 0.000309   0.481179   15.922693

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -8.153341  -14.246253   -0.854731
-0.001577   -0.952760  -30.080538
 0.57744   -8.153341  -14.246253   -0.854731
-0.001577   -0.594416  -36.349518
 0.71830   -8.153341  -14.246253   -0.854731
-0.001577   -0.236505  -45.253968
 0.85915   -8.153341  -14.246253   -0.854731
-0.001577   -0.151682  -56.578630
 1.00000   -8.153341  -14.246253   -0.854731
-0.001577   -0.594486  -68.585338

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.992845   91.923850    1.196730
 5.61E-05   1.338058  170.514318
 0.57744    0.992845   91.923850    1.196730
 5.61E-05   0.833118  139.971752
 0.71830    0.992845   91.923850    1.196730
 5.61E-05   0.331196  110.000093
 0.85915    0.992845   91.923850    1.196730
 5.61E-05   0.131966   83.363822
 1.00000    0.992845   91.923850    1.196730
 5.61E-05   0.520980   60.367763

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659  -11.423030  -11.263416   -0.927295
-0.001223   -1.034668  -28.042616
 0.57744  -11.423030  -11.263416   -0.927295
-0.001223   -0.645748  -34.371599
 0.71830  -11.423030  -11.263416   -0.927295
-0.001223   -0.256841  -42.080795
 0.85915  -11.423030  -11.263416   -0.927295
-0.001223   -0.171015  -51.385969
 1.00000  -11.423030  -11.263416   -0.927295
-0.001223   -0.672747  -61.063155

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    7.475417   82.224225    1.174393
 0.003986   1.295533  159.334927
 0.57744    7.475417   82.224225    1.174393
 0.003986   0.803404  133.794955
 0.71830    7.475417   82.224225    1.174393
 0.003986   0.324449  117.667489
 0.85915    7.475417   82.224225    1.174393
 0.003986   0.141560  116.352397
 1.00000    7.475417   82.224225    1.174393
 0.003986   0.513415  129.499683

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -9.833067  -92.304195   -0.887006
-0.004509   -0.975469  -84.130758
 0.57744   -9.833067  -92.304195   -0.887006
-0.004509   -0.605880  -59.184200
 0.71830   -9.833067  -92.304195   -0.887006
-0.004509   -0.244723  -47.322214
 0.85915   -9.833067  -92.304195   -0.887006
-0.004509   -0.182848  -44.490219
 1.00000   -9.833067  -92.304195   -0.887006
-0.004509   -0.675264  -54.019757

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.517351   38.467114    0.428179
 0.000178   0.478292   67.406009
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3757

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.57744    0.517351   38.467114    0.428179
 0.000178   0.298685   51.845820
 0.71830    0.517351   38.467114    0.428179
 0.000178   0.119216   36.665548
 0.85915    0.517351   38.467114    0.428179
 0.000178   0.047167   22.389733
 1.00000    0.517351   38.467114    0.428179
 0.000178   0.185882   13.672900

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -5.047782   -3.251173   -0.330695
-0.000570   -0.368890   -6.801246
 0.57744   -5.047782   -3.251173   -0.330695
-0.000570   -0.276008   -4.678908
 0.71830   -5.047782   -3.251173   -0.330695
-0.000570   -0.091503   -6.289522
 0.85915   -5.047782   -3.251173   -0.330695
-0.000570   -0.060498   -8.952671
 1.00000   -5.047782   -3.251173   -0.330695
-0.000570   -0.239997  -12.149457

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    4.522283   86.100900    0.649643
 0.004872   0.705982  204.622988
 0.57744    4.522283   86.100900    0.649643
 0.004872   0.434082  171.120687
 0.71830    4.522283   86.100900    0.649643
 0.004872   0.180223  147.844625
 0.85915    4.522283   86.100900    0.649643
 0.004872   0.083897  139.340564
 1.00000    4.522283   86.100900    0.649643
 0.004872   0.269517  134.485576

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -7.813797   -60.702181   -0.443524
-0.005104   -0.475689   -26.309502
 0.57744   -7.813797   -60.702181   -0.443524
-0.005104   -0.292991   -7.352563
 0.71830   -7.813797   -60.702181   -0.443524
-0.005104   -0.121852   -6.322183
 0.85915   -7.813797   -60.702181   -0.443524
-0.005104   -0.112405   -9.080600
 1.00000   -7.813797   -60.702181   -0.443524
-0.005104   -0.384718  -12.423545

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    4.459194   91.381997    1.074964
 0.004391   1.181972  183.488411
 0.57744    4.459194   91.381997    1.074964
 0.004391   0.731627  154.064150
 0.71830    4.459194   91.381997    1.074964
 0.004391   0.297588  133.820130
 0.85915    4.459194   91.381997    1.074964
 0.004391   0.132411  128.755797
 1.00000    4.459194   91.381997    1.074964
 0.004391   0.466628  126.747132

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659  -10.399694   -60.724782   -0.797708
-0.005209   -0.872647   -35.320727
 0.57744  -10.399694   -60.724782   -0.797708
-0.005209   -0.541084   -24.433919
 0.71830  -10.399694   -60.724782   -0.797708
-0.005209   -0.219998   -29.486853
 0.85915  -10.399694   -60.724782   -0.797708
-0.005209   -0.171471   -37.599366
 1.00000  -10.399694   -60.724782   -0.797708
-0.005209   -0.622167   -46.196295
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3758

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    9.327654   81.514410    1.117015
 0.003575   1.234283  157.924085
 0.57744    9.327654   81.514410    1.117015
 0.003575   0.766129  131.549704
 0.71830    9.327654   81.514410    1.117015
 0.003575   0.308616  111.618589
 0.85915    9.327654   81.514410    1.117015
 0.003575   0.123107   94.103702
 1.00000    9.327654   81.514410    1.117015
 0.003575   0.487452  113.863666

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -9.124333  -102.088575   -0.845376
-0.003684   -0.931440  -108.648825
 0.57744   -9.124333  -102.088575   -0.845376
-0.003684   -0.578856   -77.012980
 0.71830   -9.124333  -102.088575   -0.845376
-0.003684   -0.233114   -56.061018
 0.85915   -9.124333  -102.088575   -0.845376
-0.003684   -0.171773   -37.345948
 1.00000   -9.124333  -102.088575   -0.845376
-0.003684   -0.640164   -43.179038

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    9.039178   10.297171    0.407589
 0.000986   0.453902   11.774350
 0.57744    9.039178   10.297171    0.407589
 0.000986   0.282960    7.799791
 0.71830    9.039178   10.297171    0.407589
 0.000986   0.112033    4.329195
 0.85915    9.039178   10.297171    0.407589
 0.000986   0.049544    3.301292
 1.00000    9.039178   10.297171    0.407589
 0.000986   0.192743    2.567756

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -0.726826   -73.515571   -0.341429
-7.14E-06   -0.380033  -134.615322
 0.57744   -0.726826   -73.515571   -0.341429
-7.14E-06   -0.236842  -103.828290
 0.71830   -0.726826   -73.515571   -0.341429
-7.14E-06   -0.093658   -73.066096
 0.85915   -0.726826   -73.515571   -0.341429
-7.14E-06   -0.058855   -42.316086
 1.00000   -0.726826   -73.515571   -0.341429
-7.14E-06   -0.229868   -11.608779

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   15.385966   35.434351    0.599115
 0.007021   0.643720   88.991681
 0.57744   15.385966   35.434351    0.599115
 0.007021   0.393188   77.351314
 0.71830   15.385966   35.434351    0.599115
 0.007021   0.164624   78.297097
 0.85915   15.385966   35.434351    0.599115
 0.007021   0.088784   98.051529
 1.00000   15.385966   35.434351    0.599115
 0.007021   0.272700  119.370589

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -2.022119  -160.501244   -0.439576
-0.005712   -0.466103  -174.881430
 0.57744   -2.022119  -160.501244   -0.439576
-0.005712   -0.285808  -115.468207
 0.71830   -2.022119  -160.501244   -0.439576
-0.005712   -0.119608   -76.056554
 0.85915   -2.022119  -160.501244   -0.439576
-0.005712   -0.110923   -39.187825
 1.00000   -2.022119  -160.501244   -0.439576
-0.005712   -0.362207   -11.069919
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3759

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   13.184690   78.430840    0.849815
 0.005055   0.931487  183.023757
 0.57744   13.184690   78.430840    0.849815
 0.005055   0.575542  152.509542
 0.71830   13.184690   78.430840    0.849815
 0.005055   0.234607  130.737682
 0.85915   13.184690   78.430840    0.849815
 0.005055   0.107218  122.171599
 1.00000   13.184690   78.430840    0.849815
 0.005055   0.369244  115.738704

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -6.411439  -131.535625   -0.625563
-0.004083   -0.681181  -157.788345
 0.57744   -6.411439  -131.535625   -0.625563
-0.004083   -0.421588  -107.933770
 0.71830   -6.411439  -131.535625   -0.625563
-0.004083   -0.171679   -71.860898
 0.85915   -6.411439  -131.535625   -0.625563
-0.004083   -0.138617   -37.562218
 1.00000   -6.411439  -131.535625   -0.625563
-0.004083   -0.494844   -12.257904

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   11.327750   80.652504    1.098531
 0.004225   1.211834  159.612397
 0.57744   11.327750   80.652504    1.098531
 0.004225   0.751492  131.425516
 0.71830   11.327750   80.652504    1.098531
 0.004225   0.303604  111.285040
 0.85915   11.327750   80.652504    1.098531
 0.004225   0.134116  103.386767
 1.00000   11.327750   80.652504    1.098531
 0.004225   0.484402   99.747987

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -8.440315  -113.554907   -0.835830
-0.003902   -0.918603  -137.515614
 0.57744   -8.440315  -113.554907   -0.835830
-0.003902   -0.570341   -99.448396
 0.71830   -8.440315  -113.554907   -0.835830
-0.003902   -0.230079   -73.785642
 0.85915   -8.440315  -113.554907   -0.835830
-0.003902   -0.171024   -50.749750
 1.00000   -8.440315  -113.554907   -0.835830
-0.003902   -0.631668   -35.524083

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.722449   19.070855    0.866250
 9.54E-06   0.965581    2.941189
 0.57744    0.722449   19.070855    0.866250
 9.54E-06   0.602291    2.991646
 0.71830    0.722449   19.070855    0.866250
 9.54E-06   0.238955    5.349311
 0.85915    0.722449   19.070855    0.866250
 9.54E-06   0.101870    9.661566
 1.00000    0.722449   19.070855    0.866250
 9.54E-06   0.406231   14.264098

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -4.133575  -11.568518   -0.725630
-0.000750   -0.809199  -30.753684
 0.57744   -4.133575  -11.568518   -0.725630
-0.000750   -0.504738  -35.034676
 0.71830   -4.133575  -11.568518   -0.725630
-0.000750   -0.199973   -41.374914
 0.85915   -4.133575  -11.568518   -0.725630
-0.000750   -0.123966   -48.980982
 1.00000   -4.133575  -11.568518   -0.725630
-0.000750   -0.487529   -56.680221
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3760

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    1.158827   44.788354    1.438712
 0.000242   1.605182   31.168967
 0.57744    1.158827   44.788354    1.438712
 0.000242   1.001703   22.825099
 0.71830    1.158827   44.788354    1.438712
 0.000242   0.398666   17.618420
 0.85915    1.158827   44.788354    1.438712
 0.000242   0.172453   16.693414
 1.00000    1.158827   44.788354    1.438712
 0.000242   0.680614   21.595335

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -8.303530  -17.762355   -1.211581
-0.001395   -1.348986  -37.890824
 0.57744   -8.303530  -17.762355   -1.211581
-0.001395   -0.840180  -43.041204
 0.71830   -8.303530  -17.762355   -1.211581
-0.001395   -0.332295   -51.961448
 0.85915   -8.303530  -17.762355   -1.211581
-0.001395   -0.204190   -63.926909
 1.00000   -8.303530  -17.762355   -1.211581
-0.001395   -0.808130   -78.689126

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    1.229222   90.414681    1.636940
 7.37E-05   1.827656  172.292949
 0.57744    1.229222   90.414681    1.636940
 7.37E-05   1.140877  144.055520
 0.71830    1.229222   90.414681    1.636940
 7.37E-05   0.453960  118.327540
 0.85915    1.229222   90.414681    1.636940
 7.37E-05   0.187408   96.151657
 1.00000    1.229222   90.414681    1.636940
 7.37E-05   0.742425   77.799025

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659  -10.918612  -15.861349   -1.324113
-0.001153   -1.474547   -35.142491
 0.57744  -10.918612  -15.861349   -1.324113
-0.001153   -0.918119   -39.966513
 0.71830  -10.918612  -15.861349   -1.324113
-0.001153   -0.362168   -47.584597
 0.85915  -10.918612  -15.861349   -1.324113
-0.001153   -0.230623   -57.802819
 1.00000  -10.918612  -15.861349   -1.324113
-0.001153   -0.917981   -69.816648

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    6.798831   82.687451    1.567807
 0.003185   1.737717  165.947909
 0.57744    6.798831   82.687451    1.567807
 0.003185   1.080174  141.843546
 0.71830    6.798831   82.687451    1.567807
 0.003185   0.433859  127.200440
 0.85915    6.798831   82.687451    1.567807
 0.003185   0.186636  127.594778
 1.00000    6.798831   82.687451    1.567807
 0.003185   0.696551  140.431742

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -9.403786   -84.551220   -1.218140
-0.003690   -1.343742   -83.196332
 0.57744   -9.403786   -84.551220   -1.218140
-0.003690   -0.832561   -59.360704
 0.71830   -9.403786   -84.551220   -1.218140
-0.003690   -0.331925   -50.060374
 0.85915   -9.403786   -84.551220   -1.218140
-0.003690   -0.235508   -50.480266
 1.00000   -9.403786   -84.551220   -1.218140
-0.003690   -0.892999   -62.346298
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3761

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    0.523497   36.055889    0.577702
 0.000190   0.646292   66.078949
 0.57744    0.523497   36.055889    0.577702
 0.000190   0.403853   51.450585
 0.71830    0.523497   36.055889    0.577702
 0.000190   0.161335   37.360519
 0.85915    0.523497   36.055889    0.577702
 0.000190   0.068577   24.750109
 1.00000    0.523497   36.055889    0.577702
 0.000190   0.268756   15.671530

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -4.917973   -3.873075   -0.477697
-0.000485   -0.530901   -6.852968
 0.57744   -4.917973   -3.873075   -0.477697
-0.000485   -0.330289   -6.392259
 0.71830   -4.917973   -3.873075   -0.477697
-0.000485   -0.129735   -6.748358
 0.85915   -4.917973   -3.873075   -0.477697
-0.000485   -0.079912   -8.279365
 1.00000   -4.917973   -3.873075   -0.477697
-0.000485   -0.322605   -11.578650

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    4.049297   80.021892    0.870301
 0.004232   0.954086  208.031533
 0.57744    4.049297   80.021892    0.870301
 0.004232   0.588997  177.212292
 0.71830    4.049297   80.021892    0.870301
 0.004232   0.240814  155.677068
 0.85915    4.049297   80.021892    0.870301
 0.004232   0.111747  146.596170
 1.00000    4.049297   80.021892    0.870301
 0.004232   0.379412  141.062976

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -7.205331   -52.952328   -0.640388
-0.004422   -0.692588   -26.442818
 0.57744   -7.205331   -52.952328   -0.640388
-0.004422   -0.425005    -7.523564
 0.71830   -7.205331   -52.952328   -0.640388
-0.004422   -0.171994    -6.577252
 0.85915   -7.205331   -52.952328   -0.640388
-0.004422   -0.141150    -8.447828
 1.00000   -7.205331   -52.952328   -0.640388
-0.004422   -0.506565   -12.145954

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.43659    4.003566   89.216531    1.450052
 0.003815   1.602547  186.406946
 0.57744    4.003566   89.216531    1.450052
 0.003815   0.994222  159.596095
 0.71830    4.003566   89.216531    1.450052
 0.003815   0.401289  142.181344
 0.85915    4.003566   89.216531    1.450052
 0.003815   0.180487  137.968906
 1.00000    4.003566   89.216531    1.450052
 0.003815   0.658404  136.353000

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.43659   -9.887701   -55.982519   -1.140179
-0.004559   -1.251570   -38.949966
 0.57744   -9.887701   -55.982519   -1.140179
-0.004559   -0.774047   -26.921719
 0.71830   -9.887701   -55.982519   -1.140179
-0.004559   -0.309006   -32.060328
 0.85915   -9.887701   -55.982519   -1.140179
-0.004559   -0.221667   -41.006106
 1.00000   -9.887701   -55.982519   -1.140179
-0.004559   -0.830787   -51.206490
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3762

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX
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REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		8.338767	81.384254	1.472458
0.002927		1.633269	160.967778	
0.57744		8.338767	81.384254	1.472458
0.002927		1.015465	135.865591	
0.71830		8.338767	81.384254	1.472458
0.002927		0.407293	117.892853	
0.85915		8.338767	81.384254	1.472458
0.002927		0.173282	111.688892	
1.00000		8.338767	81.384254	1.472458
0.002927		0.647565	123.911313	

COMB DL-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-8.622034	-94.440347	-1.132924
-0.003049		-1.249208	-103.067880	
0.57744		-8.622034	-94.440347	-1.132924
-0.003049		-0.773783	-72.974540	
0.71830		-8.622034	-94.440347	-1.132924
-0.003049		-0.306504	-54.514237	
0.85915		-8.622034	-94.440347	-1.132924
-0.003049		-0.219205	-41.264609	
1.00000		-8.622034	-94.440347	-1.132924
-0.003049		-0.836872	-49.351978	

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		8.186271	13.254534	0.495761
0.000914		0.552272	13.435748	
0.57744		8.186271	13.254534	0.495761
0.000914		0.344232	8.209964	
0.71830		8.186271	13.254534	0.495761
0.000914		0.136487	4.737794	
0.85915		8.186271	13.254534	0.495761
0.000914		0.054435	3.703946	
1.00000		8.186271	13.254534	0.495761
0.000914		0.209760	3.015014	

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-0.631957	-70.430172	-0.371325
-4.20E-06		-0.411407	-132.347982	
0.57744		-0.631957	-70.430172	-0.371325
-4.20E-06		-0.254911	-102.981976	
0.71830		-0.631957	-70.430172	-0.371325
-4.20E-06		-0.099663	-75.251211	
0.85915		-0.631957	-70.430172	-0.371325
-4.20E-06		-0.071223	-49.169820	
1.00000		-0.631957	-70.430172	-0.371325
-4.20E-06		-0.278930	-23.219435	

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		14.286856	37.297697	0.732074
0.006970		0.788907	95.703056	
0.57744		14.286856	37.297697	0.732074
0.006970		0.481741	83.697595	
0.71830		14.286856	37.297697	0.732074
0.006970		0.199354	86.192574	
0.85915		14.286856	37.297697	0.732074
0.006970		0.099898	107.073855	
1.00000		14.286856	37.297697	0.732074
0.006970		0.304420	129.354833	

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-1.707349	-153.343798	-0.489683
-0.005742		-0.515541	-171.757700	
0.57744		-1.707349	-153.343798	-0.489683
-0.005742		-0.311204	-110.736834	
0.71830		-1.707349	-153.343798	-0.489683
-0.005742		-0.129115	-75.849257	
0.85915		-1.707349	-153.343798	-0.489683
-0.005742		-0.133609	-45.509545	
1.00000		-1.707349	-153.343798	-0.489683
-0.005742		-0.440019	-18.350775	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3763

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		12.309914	73.471146	1.086187
0.005314		1.192855	182.009568	
0.57744		12.309914	73.471146	1.086187
0.005314		0.737201	154.082619	
0.71830		12.309914	73.471146	1.086187
0.005314		0.281933	136.313833	
0.85915		12.309914	73.471146	1.086187
0.005314		0.132161	133.443278	
1.00000		12.309914	73.471146	1.086187
0.005314		0.457356	131.290077	

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-5.604980	-127.623675	-0.776996
-0.004311		-0.842598	-153.863374	
0.57744		-5.604980	-127.623675	-0.776996
-0.004311		-0.516791	-102.813475	
0.71830		-5.604980	-127.623675	-0.776996
-0.004311		-0.207543	-70.889236	
0.85915		-5.604980	-127.623675	-0.776996
-0.004311		-0.173980	-42.525806	
1.00000		-5.604980	-127.623675	-0.776996
-0.004311		-0.629533	-17.350112	

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		10.597173	78.897262	1.433113
0.004356		1.583861	159.194754	
0.57744		10.597173	78.897262	1.433113
0.004356		0.982594	132.940415	
0.71830		10.597173	78.897262	1.433113
0.004356		0.395876	116.976723	
0.85915		10.597173	78.897262	1.433113
0.004356		0.174768	114.309610	
1.00000		10.597173	78.897262	1.433113
0.004356		0.634345	114.762972	

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-7.916053	-111.827523	-1.097446
-0.004049		-1.203135	-136.223992	
0.57744		-7.916053	-111.827523	-1.097446
-0.004049		-0.742760	-96.770392	
0.71830		-7.916053	-111.827523	-1.097446
-0.004049		-0.295901	-74.427719	
0.85915		-7.916053	-111.827523	-1.097446
-0.004049		-0.211914	-56.536306	
1.00000		-7.916053	-111.827523	-1.097446
-0.004049		-0.820605	-42.262905	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		15.385966	91.923850	1.196730
0.007021		1.335058	204.622988	
0.57744		15.385966	91.923850	1.196730
0.007021		0.833118	171.120687	
0.71830		15.385966	91.923850	1.196730
0.007021		0.331196	147.844625	
0.85915		15.385966	91.923850	1.196730
0.007021		0.141560	139.340564	
1.00000		15.385966	91.923850	1.196730
0.007021		0.520980	134.485576	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-11.423030	-160.501244	-0.927295
-0.005712		-1.034668	-174.881430	
0.57744		-11.423030	-160.501244	-0.927295
-0.005712		-0.645748	-115.468207	
0.71830		-11.423030	-160.501244	-0.927295
-0.005712		-0.256841	-76.056554	
0.85915		-11.423030	-160.501244	-0.927295
-0.005712		-0.182848	-56.578630	
1.00000		-11.423030	-160.501244	-0.927295
-0.005712		-0.675264	-68.585338	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3764

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		14.286856	90.414681	1.636940
0.006970		1.827656	208.031533	
0.57744		14.286856	90.414681	1.636940
0.006970		1.140877	177.212292	
0.71830		14.286856	90.414681	1.636940
0.006970		0.453960	155.677068	
0.85915		14.286856	90.414681	1.636940
0.006970		0.187408	146.596170	
1.00000		14.286856	90.414681	1.636940
0.006970		0.742425	141.062976	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-10.918612	-153.343798	-1.324113
-0.005742		-1.474547	-171.757700	
0.57744		-10.918612	-153.343798	-1.324113
-0.005742		-0.918119	-110.736834	
0.71830		-10.918612	-153.343798	-1.324113
-0.005742		-0.362168	-75.849257	
0.85915		-10.918612	-153.343798	-1.324113
-0.005742		-0.235508	-63.926909	
1.00000		-10.918612	-153.343798	-1.324113
-0.005742		-0.917981	-78.689126	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		15.385966	91.923850	1.636940
0.007021		1.827656	208.031533	
0.57744		15.385966	91.923850	1.636940
0.007021		1.140877	177.212292	
0.71830		15.385966	91.923850	1.636940
0.007021		0.453960	155.677068	
0.85915		15.385966	91.923850	1.636940
0.007021		0.187408	146.596170	
1.00000		15.385966	91.923850	1.636940
0.007021		0.742425	141.062976	

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-11.423030	-160.501244	-1.324113
-0.005742		-1.474547	-174.881430	
0.57744		-11.423030	-160.501244	-1.324113
-0.005742		-0.918119	-115.468207	
0.71830		-11.423030	-160.501244	-1.324113
-0.005742		-0.362168	-76.056554	
0.85915		-11.423030	-160.501244	-1.324113
-0.005742		-0.235508	-63.926909	
1.00000		-11.423030	-160.501244	-1.324113
-0.005742		-0.917981	-78.689126	

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		15.385966	91.923850	1.636940
0.007021		1.827656	208.031533	
0.57744		15.385966	91.923850	1.636940
0.007021		1.140877	177.212292	
0.71830		15.385966	91.923850	1.636940
0.007021		0.453960	155.677068	
0.85915		15.385966	91.923850	1.636940
0.007021		0.187408	146.596170	
1.00000		15.385966	91.923850	1.636940
0.007021		0.742425	141.062976	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-11.423030	-160.501244	-1.324113
-0.005742		-1.474547	-174.881430	
0.57744		-11.423030	-160.501244	-1.324113
-0.005742		-0.918119	-115.468207	
0.71830		-11.423030	-160.501244	-1.324113
-0.005742		-0.362168	-76.056554	
0.85915		-11.423030	-160.501244	-1.324113
-0.005742		-0.235508	-63.926909	
1.00000		-11.423030	-160.501244	-1.324113
-0.005742		-0.917981	-78.689126	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3765

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 359 ========== LENGTH = 2.976604

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.516272	15.561865	0.608754
6.81E-06		0.338913	8.962684	
0.14082		0.516272	15.561865	0.608754
6.81E-06		0.083756	12.301474	
0.28163		0.516272	15.561865	0.608754
6.81E-06		0.143973	15.697670	
0.42245		0.516272	15.561865	0.608754
6.81E-06		0.361962	19.132557	
0.56326		0.516272	15.561865	0.608754
6.81E-06		0.579968	22.581935	

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.039353	-8.245008	-0.520121
-0.000529		-0.292071	-47.870481	
0.14082		-4.039353	-8.245008	-0.520121
-0.000529		-0.074045	-54.162148	
0.28163		-4.039353	-8.245008	-0.520121
-0.000529		-0.171544	-60.510106	
0.42245		-4.039353	-8.245008	-0.520121
-0.000529		-0.426679	-66.866668	
0.56326		-4.039353	-8.245008	-0.520121
-0.000529		-0.681838	-73.251871	

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.858306	41.090643	1.028860
0.000185		0.574567	15.947779	
0.14082		0.858306	41.090643	1.028860
0.000185		0.143412	19.179683	
0.28163		0.858306	41.090643	1.028860
0.000185		0.237511	22.833562	
0.42245		0.858306	41.090643	1.028860
0.000185		0.596479	27.199231	
0.56326		0.858306	41.090643	1.028860
0.000185		0.955940	32.135845	

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.173659	-12.148709	-0.857821
-0.001156		-0.482320	-68.612823	
0.14082		-8.173659	-12.148709	-0.857821
-0.001156		-0.122728	-83.134367	
0.28163		-8.173659	-12.148709	-0.857821
-0.001156		-0.288816	-97.884502	
0.42245		-8.173659	-12.148709	-0.857821
-0.001156		-0.719293	-113.035574	
0.56326		-8.173659	-12.148709	-0.857821
-0.001156		-1.150522	-129.237802	

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.014609	90.821237	1.166276
0.000213		0.650404	60.350955	
0.14082		1.014609	90.821237	1.166276
0.000213		0.161587	44.880069	
0.28163		1.014609	90.821237	1.166276
0.000213		0.257946	43.580046	
0.42245		1.014609	90.821237	1.166276
0.000213		0.648300	45.701543	
0.56326		1.014609	90.821237	1.166276
0.000213		1.038667	48.829974	

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-11.282088	-11.091523	-0.931296
-0.001286		-0.522766	-61.078355	
0.14082		-11.282088	-11.091523	-0.931296
-0.001286		-0.132289	-70.692060	
0.28163		-11.282088	-11.091523	-0.931296
-0.001286		-0.327622	-84.397058	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3766

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42245		-11.282088	-11.091523	-0.931296
-0.001286		-0.816352	-120.540258	
0.56326		-11.282088	-11.091523	-0.931296
-0.001286		-1.305135	-158.270734	

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.237263	115.720278	1.150585
0.003927		0.657457	129.675374	
0.14082		5.237263	115.720278	1.150585
0.003927		0.175209	118.759906	
0.28163		5.237263	115.720278	1.150585
0.003927		0.245914	119.306204	
0.42245		5.237263	115.720278	1.150585
0.003927		0.609724	131.522954	
0.56326		5.237263	115.720278	1.150585
0.003927		0.983166	152.146885	

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-11.549556	-55.707346	-0.895133
-0.004517		-0.518187	-54.024318	
0.14082		-11.549556	-55.707346	-0.895133
-0.004517		-0.143301	-63.612195	
0.28163		-11.549556	-55.707346	-0.895133
-0.004517		-0.321864	-76.932762	
0.42245		-11.549556	-55.707346	-0.895133
-0.004517		-0.790663	-108.337685	
0.56326		-11.549556	-55.707346	-0.895133
-0.004517		-1.272584	-148.744407	

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.523614	38.007956	0.426157
8.83E-06		0.238590	13.665313	
0.14082		0.523614	38.007956	0.426157
8.83E-06		0.060015	10.117362	
0.28163		0.523614	38.007956	0.426157
8.83E-06		0.091763	9.599094	
0.42245		0.523614	38.007956	0.426157
8.83E-06		0.319515	9.599094	
0.56326		0.523614	38.007956	0.426157
8.83E-06		0.369248	10.321557	

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.996609	-3.129079	-0.331007
-0.000519		-0.185744	-12.153631	
0.14082		-4.996609	-3.129079	-0.331007
-0.000519		-0.046946	-15.732548	
0.28163		-4.996609	-3.129079	-0.331007
-0.000519		-0.118834	-30.319120	
0.42245		-4.996609	-3.129079	-0.331007
-0.000519		-0.297316	-45.459756	
0.56326		-4.996609	-3.129079	-0.331007
-0.000519		-0.475925	-61.128391	

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.384430	132.155000	0.644389
0.005018		0.380725	134.737344	
0.14082		1.384430	132.155000	0.644389
0.005018		0.110614	93.038354	
0.28163		1.384430	132.155000	0.644389
0.005018		0.122494	66.518399	
0.42245		1.384430	132.155000	0.644389
0.005018		0.295205	55.738878	
0.56326		1.384430	132.155000	0.644389
0.005018		0.481104	56.292170	

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-10.222878	-10.088437	-0.449242
-0.005515		-0.272675	-12.419614	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3767

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14082		-10.222878	-10.088437	-0.449242
-0.005515		-0.085017	-15.863917	
0.28163		-10.222878	-10.088437	-0.449242
-0.005515		-0.179604	-24.337326	
0.42245		-10.222878	-10.088437	-0.449242
-0.005515		-0.431313	-56.585340	
0.56326		-10.222878	-10.088437	-0.449242
-0.005515		-0.700936	-101.081830	

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.629688	132.889697	1.055305
0.004535		0.607684	126.982767	
0.14082		1.629688	132.889697	1.055305
0.004535		0.165312	91.871936	
0.28163		1.629688	132.889697	1.055305
0.004535		0.220999	70.403529	
0.42245		1.629688	132.889697	1.055305
0.004535		0.544119	63.113419	
0.56326		1.629688	132.889697	1.055305
0.004535		0.879117	66.057776	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-12.543760	-14.916334	-0.804407
-0.005398		-0.470258	-46.204318	
0.14082		-12.543760	-14.916334	-0.804407
-0.005398		-0.133471	-54.821866	
0.28163		-12.543760	-14.916334	-0.804407
-0.005398		-0.295344	-68.372843	
0.42245		-12.543760	-14.916334	-0.804407
-0.005398		-0.721052	-103.169937	
0.56326		-12.543760	-14.916334	-0.804407
-0.005398		-1.162950	-148.974817	

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		7.545378	108.590897	1.100343
0.003557		0.627532	113.988959	
0.14082		7.545378	108.590897	1.100343
0.003557		0.166305	113.126000	
0.28163		7.545378	108.590897	1.100343
0.003557		0.234103	124.165346	
0.42245		7.545378	108.590897	1.100343
0.003557		0.582142	145.254227	
0.56326		7.545378	108.590897	1.100343
0.003557		0.937991	173.261864	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-10.499818	-72.664590	-0.852364
-0.003746		-0.491558	-43.177713	
0.14082		-10.499818	-72.664590	-0.852364
-0.003746		-0.134526	-52.410797	
0.28163		-10.499818	-72.664590	-0.852364
-0.003746		-0.306912	-65.546039	
0.42245		-10.499818	-72.664590	-0.852364
-0.003746		-0.757266	-96.937013	
0.56326		-10.499818	-72.664590	-0.852364
-0.003746		-1.218174	-135.875770	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.121909	10.401253	0.409346
0.001041		0.230683	2.566615	
0.14082		9.121909	10.401253	0.409346
0.001041		0.059047	21.072328	
0.28163		9.121909	10.401253	0.409346
0.001041		0.093778	51.795966	
0.42245		9.121909	10.401253	0.409346
0.001041		0.237342	82.738313	
0.56326		9.121909	10.401253	0.409346
0.001041		0.380915	113.765588	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3768

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.716990	-74.167732	-0.342540
-0.000134		-0.193390	-11.641973	
0.14082		-0.716990	-74.167732	-0.342540
-0.000134		-0.049804	-12.136261	
0.28163		-0.716990	-74.167732	-0.342540
-0.000134		-0.112505	-15.659509	
0.42245		-0.716990	-74.167732	-0.342540
-0.000134		-0.284058	-19.403230	
0.56326		-0.716990	-74.167732	-0.342540
-0.000134		-0.455634	-23.591199	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		11.647408	92.628046	0.600008
0.007023		0.362211	119.701338	
0.14082		11.647408	92.628046	0.600008
0.007023		0.110798	122.346027	
0.28163		11.647408	92.628046	0.600008
0.007023		0.120190	131.258492	
0.42245		11.647408	92.628046	0.600008
0.007023		0.288667	156.845353	
0.56326		11.647408	92.628046	0.600008
0.007023		0.473208	195.558229	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.051005	-99.785453	-0.447320
-0.005897		-0.277674	-11.048902	
0.14082		-5.051005	-99.785453	-0.447320
-0.005897		-0.090751	-15.928238	
0.28163		-5.051005	-99.785453	-0.447320
-0.005897		-0.165110	-20.883481	
0.42245		-5.051005	-99.785453	-0.447320
-0.005897		-0.394244	-28.411026	
0.56326		-5.051005	-99.785453	-0.447320
-0.005897		-0.645253	-53.284412	

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		10.659189	117.082639	0.847864
0.005190		0.492903	115.935973	
0.14082		10.659189	117.082639	0.847864
0.005190		0.137498	113.601699	
0.28163		10.659189	117.082639	0.847864
0.005190		0.172349	125.332241	
0.42245		10.659189	117.082639	0.847864
0.005190		0.424284	150.410523	
0.56326		10.659189	117.082639	0.847864
0.005190		0.687261	185.023233	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.415653	-90.092366	-0.632186
-0.004514		-0.373333	-12.236853	
0.14082		-8.415653	-90.092366	-0.632186
-0.004514		-0.108750	-16.091929	
0.28163		-8.415653	-90.092366	-0.632186
-0.004514		-0.234687	-25.186865	
0.42245		-8.415653	-90.092366	-0.632186
-0.004514		-0.574723	-55.417761	
0.56326		-8.415653	-90.092366	-0.632186
-0.004514		-0.929705	-95.525382	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.243496	112.363704	1.088570
0.004300		0.623837	99.918237	
0.14082		9.243496	112.363704	1.088570
0.004300		0.167530	99.720462	
0.28163		9.243496	112.363704	1.088570
0.004300		0.230961	111.270313	
0.42245		9.243496	112.363704	1.088570
0.004300		0.573123	133.933914	
0.56326		9.243496	112.363704	1.088570
0.004300		0.924407	164.494165	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3769

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.069169	-79.225322	-0.842029
-0.004106	-0.487897	-35.517747	
0.14082	-10.069169	-79.225322	-0.842029
-0.004106	-0.135261	-44.530004	
0.28163	-10.069169	-79.225322	-0.842029
-0.004106	-0.302664	-57.426364	
0.42245	-10.069169	-79.225322	-0.842029
-0.004106	-0.746207	-88.286167	
0.56326	-10.069169	-79.225322	-0.842029
-0.004106	-1.202149	-127.760018	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.696990	18.917900	0.843618
3.98E-06	0.470327	14.281162	
0.14082	0.696990	18.917900	0.843618
3.98E-06	0.116291	18.971653	
0.28163	0.696990	18.917900	0.843618
3.98E-06	0.202329	23.702542	
0.42245	0.696990	18.917900	0.843618
3.98E-06	0.513308	28.460212	
0.56326	0.696990	18.917900	0.843618
3.98E-06	0.823936	33.227490	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.096416	-11.398231	-0.740861
-0.000505	-0.416384	-56.698474	
0.14082	-4.096416	-11.398231	-0.740861
-0.000505	-0.104940	-64.414907	
0.28163	-4.096416	-11.398231	-0.740861
-0.000505	-0.236754	-72.200667	
0.42245	-4.096416	-11.398231	-0.740861
-0.000505	-0.590361	-80.025398	
0.56326	-4.096416	-11.398231	-0.740861
-0.000505	-0.943964	-87.874447	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.074345	45.343804	1.425519
0.000112	0.797582	21.623503	
0.14082	1.074345	45.343804	1.425519
0.000112	0.199337	26.987148	
0.28163	1.074345	45.343804	1.425519
0.000112	0.334506	32.914976	
0.42245	1.074345	45.343804	1.425519
0.000112	0.845461	39.262960	
0.56326	1.074345	45.343804	1.425519
0.000112	1.356225	45.900282	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.308872	-16.404223	-1.218127
-0.001025	-0.683012	-78.721547	
0.14082	-8.308872	-16.404223	-1.218127
-0.001025	-0.172266	-95.003262	
0.28163	-8.308872	-16.404223	-1.218127
-0.001025	-0.397474	-111.797301	
0.42245	-8.308872	-16.404223	-1.218127
-0.001025	-0.954697	-129.574688	
0.56326	-8.308872	-16.404223	-1.218127
-0.001025	-1.592120	-148.023712	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.221594	89.451015	1.624304
0.000209	0.907570	77.802186	
0.14082	1.221594	89.451015	1.624304
0.000209	0.225549	63.699408	
0.28163	1.221594	89.451015	1.624304
0.000209	0.364346	56.446598	
0.42245	1.221594	89.451015	1.624304
0.000209	0.922786	57.439272	
0.56326	1.221594	89.451015	1.624304
0.000209	1.480535	61.208560	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3770

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.816761	-15.648653	-1.329370
-0.001160	-0.743575	-69.837648	
0.14082	-10.816761	-15.648653	-1.329370
-0.001160	-0.186658	-81.946071	
0.28163	-10.816761	-15.648653	-1.329370
-0.001160	-0.452991	-97.887278	
0.42245	-10.816761	-15.648653	-1.329370
-0.001160	-1.134265	-130.371572	
0.56326	-10.816761	-15.648653	-1.329370
-0.001160	-1.815204	-165.422540	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.119568	107.863723	1.564266
0.003098	0.887814	140.438906	
0.14082	5.119568	107.863723	1.564266
0.003098	0.231532	133.932046	
0.28163	5.119568	107.863723	1.564266
0.003098	0.334682	133.114818	
0.42245	5.119568	107.863723	1.564266
0.003098	0.845638	125.110938	
0.56326	5.119568	107.863723	1.564266
0.003098	1.357286	165.384503	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.781548	-57.406082	-1.231517
-0.003628	-0.703082	-62.368539	
0.14082	-10.781548	-57.406082	-1.231517
-0.003628	-0.187567	-74.515756	
0.28163	-10.781548	-57.406082	-1.231517
-0.003628	-0.434270	-90.061371	
0.42245	-10.781548	-57.406082	-1.231517
-0.003628	-1.078970	-119.084800	
0.56326	-10.781548	-57.406082	-1.231517
-0.003628	-1.734587	-158.599987	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.529295	35.734188	0.590606
4.97E-06	0.331664	15.669070	
0.14082	0.529295	35.734188	0.590606
4.97E-06	0.083774	10.197842	
0.28163	0.529295	35.734188	0.590606
4.97E-06	0.129438	9.856714	
0.42245	0.529295	35.734188	0.590606
4.97E-06	0.325895	10.464659	
0.56326	0.529295	35.734188	0.590606
4.97E-06	0.522212	11.397640	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.898828	-3.743639	-0.467957
-0.000448	-0.260629	-11.583479	
0.14082	-4.898828	-3.743639	-0.467957
-0.000448	-0.064701	-17.112685	
0.28163	-4.898828	-3.743639	-0.467957
-0.000448	-0.162797	-29.715210	
0.42245	-4.898828	-3.743639	-0.467957
-0.000448	-0.410671	-43.738065	
0.56326	-4.898828	-3.743639	-0.467957
-0.000448	-0.658230	-58.159154	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.451650	118.690954	0.879756
0.004336	0.512454	141.078687	
0.14082	1.451650	118.690954	0.879756
0.004336	0.143203	102.921303	
0.28163	1.451650	118.690954	0.879756
0.004336	0.172122	72.372764	
0.42245	1.451650	118.690954	0.879756
0.004336	0.423438	60.567999	
0.56326	1.451650	118.690954	0.879756
0.004336	0.688032	59.528263	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3771

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.369804	-11.026455	-0.634952
-0.004723	-0.374000	-12.141544	
0.14082	-9.369804	-11.026455	-0.634952
-0.004723	-0.109002	-16.125903	
0.28163	-9.369804	-11.026455	-0.634952
-0.004723	-0.242137	-25.579954	
0.42245	-9.369804	-11.026455	-0.634952
-0.004723	-0.594294	-52.090158	
0.56326	-9.369804	-11.026455	-0.634952
-0.004723	-0.962918	-93.938737	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.650889	124.041559	1.449214
0.003923	0.828728	136.381122	
0.14082	1.650889	124.041559	1.449214
0.003923	0.220483	105.215402	
0.28163	1.650889	124.041559	1.449214
0.003923	0.310168	80.986968	
0.42245	1.650889	124.041559	1.449214
0.003923	0.775055	73.723576	
0.56326	1.650889	124.041559	1.449214
0.003923	1.251238	76.165226	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.825310	-17.914973	-1.138865
-0.004666	-0.654905	-51.219202	
0.14082	-11.825310	-17.914973	-1.138865
-0.004666	-0.178080	-61.637524	
0.28163	-11.825310	-17.914973	-1.138865
-0.004666	-0.401581	-77.341358	
0.42245	-11.825310	-17.914973	-1.138865
-0.004666	-0.994063	-108.233986	
0.56326	-11.825310	-17.914973	-1.138865
-0.004666	-1.601387	-152.985563	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.977499	102.240432	1.478005
0.002903	0.838926	123.899570	
0.14082	6.977499	102.240432	1.478005
0.002903	0.219032	125.675699	
0.28163	6.977499	102.240432	1.478005
0.002903	0.307974	133.367413	
0.42245	6.977499	102.240432	1.478005
0.002903	0.775812	153.334428	
0.56326	6.977499	102.240432	1.478005
0.002903	1.250984	179.824747	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.768126	-72.133337	-1.133914
-0.003048	-0.646026	-49.348595	
0.14082	-9.768126	-72.133337	-1.133914
-0.003048	-0.171605	-60.834284	
0.28163	-9.768126	-72.133337	-1.133914
-0.003048	-0.408984	-76.597828	
0.42245	-9.768126	-72.133337	-1.133914
-0.003048	-1.005365	-105.497732	
0.56326	-9.768126	-72.133337	-1.133914
-0.003048	-1.638887	-143.377837	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.242809	13,357525	0.502931
0.000984	0.283592	3.013033	
0.14082	8.242809	13,357525	0.502931
0.000984	0.072893	19.946669	
0.28163	8.242809	13,357525	0.502931
0.000984	0.098585	48.743977	
0.42245	8.242809	13,357525	0.502931
0.000984	0.250604	77.940283	
0.56326	8.242809	13,357525	0.502931
0.000984	0.403153	107.395645	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3772

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.629064	-70.981109	-0.363908
-1.35E-05	-0.204659	-23.240061	
0.14082	-0.629064	-70.981109	-0.363908
-1.35E-05	-0.052781	-19.015530	
0.28163	-0.629064	-70.981109	-0.363908
-1.35E-05	-0.137671	-23.457380	
0.42245	-0.629064	-70.981109	-0.363908
-1.35E-05	-0.348408	-28.427382	
0.56326	-0.629064	-70.981109	-0.363908
-1.35E-05	-0.559320	-33.795361	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.653920	93.240662	0.738671
0.006925	0.443649	129.392848	
0.14082	10.653920	93.240662	0.738671
0.006925	0.134486	130.376723	
0.28163	10.653920	93.240662	0.738671
0.006925	0.128599	136.823325	
0.42245	10.653920	93.240662	0.738671
0.006925	0.310812	158.633645	
0.56326	10.653920	93.240662	0.738671
0.006925	0.513511	193.009735	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.849333	-94.669817	-0.488614
-0.005857	-0.303893	-18.341714	
0.14082	-4.849333	-94.669817	-0.488614
-0.005857	-0.100444	-22.879377	
0.28163	-4.849333	-94.669817	-0.488614
-0.005857	-0.200761	-29.500849	
0.42245	-4.849333	-94.669817	-0.488614
-0.005857	-0.486029	-39.140330	
0.56326	-4.849333	-94.669817	-0.488614
-0.005857	-0.795562	-69.282991	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.713731	113.383909	1.098372
0.005301	0.637154	131.301944	
0.14082	9.713731	113.383909	1.098372
0.005301	0.176509	125.072217	
0.28163	9.713731	113.383909	1.098372
0.005301	0.206872	127.542605	
0.42245	9.713731	113.383909	1.098372
0.005301	0.513334	147.846801	
0.56326	9.713731	113.383909	1.098372
0.005301	0.834530	178.497450	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.830497	-85.414721	-0.769111
-0.004602	-0.451450	-17.341170	
0.14082	-7.830497	-85.414721	-0.769111
-0.004602	-0.130244	-21.476819	
0.28163	-7.830497	-85.414721	-0.769111
-0.004602	-0.301029	-32.938661	
0.42245	-7.830497	-85.414721	-0.769111
-0.004602	-0.744290	-58.013368	
0.56326	-7.830497	-85.414721	-0.769111
-0.004602	-1.204620	-98.100050	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.446146	111.809782	1.443658
0.004403	0.826888	114.785783	
0.14082	8.446146	111.809782	1.443658
0.004403	0.221415	112.061209	
0.28163	8.446146	111.809782	1.443658
0.004403	0.295423	116.461513	
0.42245	8.446146	111.809782	1.443658
0.004403	0.738328	135.672259	
0.56326	8.446146	111.809782	1.443658
0.004403	1.193195	163.509672	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3773

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.749514	-76.721541	-1.087192
-0.004164	-0.625732	-42.269059	
0.14082	-9.749514	-76.721541	-1.087192
-0.004164	-0.171023	-52.494981	
0.28163	-9.749514	-76.721541	-1.087192
-0.004164	-0.397611	-68.620804	
0.42245	-9.749514	-76.721541	-1.087192
-0.004164	-0.988585	-96.456065	
0.56326	-9.749514	-76.721541	-1.087192
-0.004164	-1.593576	-136.931024	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.647408	132.889697	1.166276
0.007023	0.657457	134.737344	
0.14082	11.647408	132.889697	1.166276
0.007023	0.175209	122.346027	
0.28163	11.647408	132.889697	1.166276
0.007023	0.231546	131.258492	
0.42245	11.647408	132.889697	1.166276
0.007023	0.648300	156.845243	
0.56326	11.647408	132.889697	1.166276
0.007023	1.038667	195.558229	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.543760	-99.785453	-0.931296
-0.005897	-0.522766	-68.612823	
0.14082	-12.543760	-99.785453	-0.931296
-0.005897	-0.143301	-83.134367	
0.28163	-12.543760	-99.785453	-0.931296
-0.005897	-0.327622	-97.884502	
0.42245	-12.543760	-99.785453	-0.931296
-0.005897	-0.816352	-120.540258	
0.56326	-12.543760	-99.785453	-0.931296
-0.005897	-1.305135	-158.270734	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.653920	124.041559	1.624304
0.006925	0.907570	141.078687	
0.14082	10.653920	124.041559	1.624304
0.006925	0.231532	133.932046	
0.28163	10.653920	124.041559	1.624304
0.006925	0.364346	136.823325	
0.42245	10.653920	124.041559	1.624304
0.006925	0.922786	158.633645	
0.56326	10.653920	124.041559	1.624304
0.006925	1.480535	193.009735	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.825310	-94.669817	-1.329370
-0.005857	-0.743575	-78.721547	
0.14082	-11.825310	-94.669817	-1.329370
-0.005857	-0.187567	-95.003262	
0.28163	-11.825310	-94.669817	-1.329370
-0.005857	-0.452991	-111.797301	
0.42245	-11.825310	-94.669817	-1.329370
-0.005857	-1.134265	-130.371572	
0.56326	-11.825310	-94.669817	-1.329370
-0.005857	-1.815204	-165.422540	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.647408	132.889697	1.624304
0.007023	0.907570	141.078687	
0.14082	11.647408	132.889697	1.624304
0.007023	0.231532	133.932046	
0.28163	11.647408	132.889697	1.624304
0.007023	0.364346	136.823325	
0.42245	11.647408	132.889697	1.624304
0.007023	0.922786	158.633645	
0.56326	11.647408	132.889697	1.624304
0.007023	1.480535	195.558229	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3774

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.543760	-99.785453	-1.329370
-0.005897	-0.743575	-78.721547	
0.14082	-12.543760	-99.785453	-1.329370
-0.005897	-0.187567	-95.003262	
0.28163	-12.543760	-99.785453	-1.329370
-0.005897	-0.452991	-111.797301	
0.42245	-12.543760	-99.785453	-1.329370
-0.005897	-1.134265	-130.371572	
0.56326	-12.543760	-99.785453	-1.329370
-0.005897	-1.815204	-165.422540	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.647408	132.889697	1.624304
0.007023	0.907570	141.078687	
0.14082	11.647408	132.889697	1.624304
0.007023	0.231532	133.932046	
0.28163	11.647408	132.889697	1.624304
0.007023	0.364346	136.823325	
0.42245	11.647408	132.889697	1.624304
0.007023	0.922786	158.633645	
0.56326	11.647408	132.889697	1.624304
0.007023	1.480535	195.558229	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.543760	-99.785453	-1.329370
-0.005897	-0.743575	-78.721547	
0.14082	-12.543760	-99.785453	-1.329370
-0.005897	-0.187567	-95.003262	
0.28163	-12.543760	-99.785453	-1.329370
-0.005897	-0.452991	-111.797301	
0.42245	-12.543760	-99.785453	-1.329370
-0.005897	-1.134265	-130.371572	
0.56326	-12.543760	-99.785453	-1.329370
-0.005897	-1.815204	-165.422540	

ELEM 360 ========== LENGTH = 2.977469

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.678855	9.331001	0.692582
1.06E-05	0.771437	2.837134	
0.57746	1.678855	9.331001	0.692582
1.06E-05	0.480890	2.358077	
0.71831	1.678855	9.331001	0.692582
1.06E-05	0.190586	3.206969	
0.85915	1.678855	9.331001	0.692582
1.06E-05	0.076336	6.423785	
1.00000	1.678855	9.331001	0.692582
1.06E-05	0.298195	11.144450	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-2.585066	-13.079797	-0.529010
-0.001023	-0.589221	-24.407748	
0.57746	-2.585066	-13.079797	-0.529010
-0.001023	-0.367371	-27.696019	
0.71831	-2.585066	-13.079797	-0.529010
-0.001023	-0.145522	-31.064764	
0.85915	-2.585066	-13.079797	-0.529010
-0.001023	-0.099904	-34.482655	
1.00000	-2.585066	-13.079797	-0.529010
-0.001023	-0.390348	-38.065546	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	2.059807	28.223304	1.163691
0.000218	1.296481	23.381460	
0.57746	2.059807	28.223304	1.163691
0.000218	0.808479	16.656175	
0.71831	2.059807	28.223304	1.163691
0.000218	0.321160	11.326746	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3775

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	2.059807	28.223304	1.163691
0.000218	0.126685	11.817405	
1.00000	2.059807	28.223304	1.163691
0.000218	0.493130	18.348432	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-6.887232	-23.046262	-0.874263
-0.001918	-0.973897	-38.211542	
0.57746	-6.887232	-23.046262	-0.874263
-0.001918	-0.607259	-39.715675	
0.71831	-6.887232	-23.046262	-0.874263
-0.001918	-0.240606	-44.510840	
0.85915	-6.887232	-23.046262	-0.874263
-0.001918	-0.167633	-51.210315	
1.00000	-6.887232	-23.046262	-0.874263
-0.001918	-0.655625	-58.813868	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	1.814439	78.427424	1.358073
6.44E-06	1.514304	152.594905	
0.57746	1.814439	78.427424	1.358073
6.44E-06	0.944770	124.429099	
0.71831	1.814439	78.427424	1.358073
6.44E-06	0.375240	97.003459	
0.85915	1.814439	78.427424	1.358073
6.44E-06	0.136560	73.809359	
1.00000	1.814439	78.427424	1.358073
6.44E-06	0.535411	55.495786	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-10.218924	-22.282785	-0.950913
-0.001510	-1.059731	-41.065117	
0.57746	-10.218924	-22.282785	-0.950913
-0.001510	-0.660951	-41.709846	
0.71831	-10.218924	-22.282785	-0.950913
-0.001510	-0.262142	-44.225121	
0.85915	-10.218924	-22.282785	-0.950913
-0.001510	-0.194422	-47.933730	
1.00000	-10.218924	-22.282785	-0.950913
-0.001510	-0.763829	-51.743747	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.975385	73.409500	1.326290
0.004029	1.464955	147.157197	
0.57746	7.975385	73.409500	1.326290
0.004029	0.908849	122.045883	
0.71831	7.975385	73.409500	1.326290
0.004029	0.365489	105.244813	
0.85915	7.975385	73.409500	1.326290
0.004029	0.143367	105.468573	
1.00000	7.975385	73.409500	1.326290
0.004029	0.516957	120.460914	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.069588	-97.637626	-0.901601
-0.004645	-1.004329	-93.400356	
0.57746	-9.069588	-97.637626	-0.901601
-0.004645	-0.626212	-64.427239	
0.71831	-9.069588	-97.637626	-0.901601
-0.004645	-0.248092	-48.781425	
0.85915	-9.069588	-97.637626	-0.901601
-0.004645	-0.204977	-41.435277	
1.00000	-9.069588	-97.637626	-0.901601
-0.004645	-0.760874	-47.046279	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.422312	32.532062	0.485237
8.98E-05	0.541680	55.314160	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57746	0.422312	32.532062	0.485237
8.98E-05	0.237225	-42.260239	
0.71831	0.422312	32.532062	0.485237
8.98E-05	0.134790	29.682057	
0.85915	0.422312	32.532062	0.485237
8.98E-05	0.048588	18.388170	
1.00000	0.422312	32.532062	0.485237
8.98E-05	0.190790	12.430104	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-5.386756	-8.064776	-0.338925
-0.000662	-0.377786	15.650348	
0.57746	-5.386756	-8.064776	-0.338925
-0.000662	-0.235660	-12.548510	
0.71831	-5.386756	-8.064776	-0.338925
-0.000662	-0.093488	-11.632260	
0.85915	-5.386756	-8.064776	-0.338925
-0.000662	-0.068768	-12.322986	
1.00000	-5.386756	-8.064776	-0.338925
-0.000662	-0.272256	-13.356035	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	4.388690	78.884601	0.786640
0.004812	0.859555	183.547359	
0.57746	4.388690	78.884601	0.786640
0.004812	0.529779	152.493970	
0.71831	4.388690	78.884601	0.786640
0.004812	0.217457	130.861479	
0.85915	4.388690	78.884601	0.786640
0.004812	0.064359	125.293573	
1.00000	4.388690	78.884601	0.786640
0.004812	0.270856	123.309528	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.113804	-66.704509	-0.459493
-0.005116	-0.512079	-40.767364	
0.57746	-8.113804	-66.704509	-0.459493
-0.005116	-0.319376	-17.941808	
0.71831	-8.113804	-66.704509	-0.459493
-0.005116	-0.126720	-13.247777	
0.85915	-8.113804	-66.704509	-0.459493
-0.005116	-0.131925	-13.072811	
1.00000	-8.113804	-66.704509	-0.459493
-0.005116	-0.461399	-13.453782	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	4.787342	79.898884	1.246574
0.004349	1.373715	165.381925	
0.57746	4.787342	79.898884	1.246574
0.004349	0.851061	137.701007	
0.71831	4.787342	79.898884	1.246574
0.004349	0.344173	118.481249	
0.85915	4.787342	79.898884	1.246574
0.004349	0.134766	115.714108	
1.00000	4.787342	79.898884	1.246574
0.004349	0.473560	117.940750	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.999769	-70.007195	-0.821199
-0.005392	-0.914955	-51.680511	
0.57746	-9.999769	-70.007195	-0.821199
-0.005392	-0.570565	-34.189669	
0.71831	-9.999769	-70.007195	-0.821199
-0.005392	-0.226201	-34.189002	
0.85915	-9.999769	-70.007195	-0.821199
-0.005392	-0.196225	-37.289439	
1.00000	-9.999769	-70.007195	-0.821199
-0.005392	-0.718627	-40.968721	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.038990	76.452289	1.246834
0.003701	1.378932	149.380301	
0.57746	9.038990	76.452289	1.246834
0.003701	0.856118	122.375448	
0.71831	9.038990	76.452289	1.246834
0.003701	0.343646	101.649947	
0.85915	9.038990	76.452289	1.246834
0.003701	0.133603	93.473550	
1.00000	9.038990	76.452289	1.246834
0.003701	0.486771	104.149429	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.136435	-103.344230	-0.850826
-0.003750	-0.947673	-113.807241	
0.57746	-9.136435	-103.344230	-0.850826
-0.003750	-0.590862	-80.171438	
0.71831	-9.136435	-103.344230	-0.850826
-0.003750	-0.234070	-57.318126	
0.85915	-9.136435	-103.344230	-0.850826
-0.003750	-0.190798	-37.145685	
1.00000	-9.136435	-103.344230	-0.850826
-0.003750	-0.713422	-40.065216	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	7.867293	18.679599	0.396260
0.001255	0.440777	23.612911	
0.57746	7.867293	18.679599	0.396260
0.001255	0.274599	16.008688	
0.71831	7.867293	18.679599	0.396260
0.001255	0.108430	8.717771	
0.85915	7.867293	18.679599	0.396260
0.001255	0.046878	2.973265	
1.00000	7.867293	18.679599	0.396260
0.001255	0.181270	2.216212	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-1.381701	-61.758561	-0.320517
-7.24E-06	-0.356405	-115.829614	
0.57746	-1.381701	-61.758561	-0.320517
-7.24E-06	-0.221990	-89.949392	
0.71831	-1.381701	-61.758561	-0.320517
-7.24E-06	-0.087576	-64.133043	
0.85915	-1.381701	-61.758561	-0.320517
-7.24E-06	-0.057719	-38.339418	
1.00000	-1.381701	-61.758561	-0.320517
-7.24E-06	-0.223938	-12.681801	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	14.468745	44.280087	0.645431
0.007339	0.696074	98.059443	
0.57746	14.468745	44.280087	0.645431
0.007339	0.425562	81.842948	
0.71831	14.468745	44.280087	0.645431
0.007339	0.176333	77.233023	
0.85915	14.468745	44.280087	0.645431
0.007339	0.084302	92.520397	
1.00000	14.468745	44.280087	0.645431
0.007339	0.253869	112.516682	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-2.774026	-146.925594	-0.422556
-0.005665	-0.469752	-159.066742	
0.57746	-2.774026	-146.925594	-0.422556
-0.005665	-0.292524	-103.537031	
0.71831	-2.774026	-146.925594	-0.422556
-0.005665	-0.115341	-67.716526	
0.85915	-2.774026	-146.925594	-0.422556
-0.005665	-0.117958	-35.932907	
1.00000	-2.774026	-146.925594	-0.422556
-0.005665	-0.388326	-13.988086	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	11.922612	81.997357	0.943337
0.005312	1.035930	178.129471	
0.57746	11.922612	81.997357	0.943337
0.005312	0.640432	148.556948	
0.71831	11.922612	81.997357	0.943337
0.005312	0.259448	121.088211	
0.85915	11.922612	81.997357	0.943337
0.005312	0.104537	110.743418	
1.00000	11.922612	81.997357	0.943337
0.005312	0.357669	105.475172	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.218501	-124.069472	-0.615938
-0.004083	-0.685702	-150.698957	
0.57746	-7.218501	-124.069472	-0.615938
-0.004083	-0.427417	-102.868067	
0.71831	-7.218501	-124.069472	-0.615938
-0.004083	-0.169119	-68.665602	
0.85915	-7.218501	-124.069472	-0.615938
-0.004083	-0.152363	-37.253995	
1.00000	-7.218501	-124.069472	-0.615938
-0.004083	-0.547644	-15.479602	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.455592	79.201216	1.215812
0.004402	1.342550	153.545165	
0.57746	10.455592	79.201216	1.215812
0.004402	0.832757	124.594812	
0.71831	10.455592	79.201216	1.215812
0.004402	0.334981	102.510392	
0.85915	10.455592	79.201216	1.215812
0.004402	0.131218	93.552526	
1.00000	10.455592	79.201216	1.215812
0.004402	0.479342	91.992284	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.999980	-110.652598	-0.835134
-0.004004	-0.929965	-136.344512	
0.57746	-8.999980	-110.652598	-0.835134
-0.004004	-0.579729	-98.089308	
0.71831	-8.999980	-110.652598	-0.835134
-0.004004	-0.229533	-72.395457	
0.85915	-8.999980	-110.652598	-0.835134
-0.004004	-0.188310	-49.865521	
1.00000	-8.999980	-110.652598	-0.835134
-0.004004	-0.697893	-35.447049	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	2.816634	10.491568	0.983745
7.76E-06	1.095552	3.349659	
0.57746	2.816634	10.491568	0.983745
7.76E-06	0.663014	2.983263	
0.71831	2.816634	10.491568	0.983745
7.76E-06	0.270435	3.907393	
0.85915	2.816634	10.491568	0.983745
7.76E-06	0.117157	9.720189	
1.00000	2.816634	10.491568	0.983745
7.76E-06	0.463810	16.304065	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-2.442709	-17.374442	-0.826257
-0.001066	-0.921020	-38.219785	
0.57746	-2.442709	-17.374442	-0.826257
-0.001066	-0.574254	-146.957412	
0.71831	-2.442709	-17.374442	-0.826257
-0.001066	-0.227431	-36.188748	
0.85915	-2.442709	-17.374442	-0.826257
-0.001066	-0.141736	-39.852995	
1.00000	-2.442709	-17.374442	-0.826257
-0.001066	-0.554526	-43.690424	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	3.201544	29.319731	1.662789
0.000141	1.853459	23.497371	
0.57746	3.201544	29.319731	1.662789
0.000141	1.156025	16.876066	
0.71831	3.201544	29.319731	1.662789
0.000141	0.458982	11.872664	
0.85915	3.201544	29.319731	1.662789
0.000141	0.197481	14.894818	
1.00000	3.201544	29.319731	1.662789
0.000141	0.776484	23.708657	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.058281	-28.796776	-1.380041
-0.001826	-1.536759	-56.379056	
0.57746	-7.058281	-28.796776	-1.380041
-0.001826	-0.957702	-53.459654	
0.71831	-7.058281	-28.796776	-1.380041
-0.001826	-0.378377	-51.859163	
0.85915	-7.058281	-28.796776	-1.380041
-0.001826	-0.237603	-56.789660	
1.00000	-7.058281	-28.796776	-1.380041
-0.001826	-0.935582	-64.797893	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	2.985430	72.999188	1.951917
1.31E-05	2.177389	149.386810	
0.57746	2.985430	72.999188	1.951917
1.31E-05	1.358373	124.167905	
0.71831	2.985430	72.999188	1.951917
1.31E-05	0.539611	100.122969	
0.85915	2.985430	72.999188	1.951917
1.31E-05	0.220964	82.832316	
1.00000	2.985430	72.999188	1.951917
1.31E-05	0.872928	70.182556	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.750072	-28.946322	-1.553695
-0.001519	-1.730034	-56.766663	
0.57746	-9.750072	-28.946322	-1.553695
-0.001519	-1.077910	-52.858902	
0.71831	-9.750072	-28.946322	-1.553695
-0.001519	-0.425986	-49.706447	
0.85915	-9.750072	-28.946322	-1.553695
-0.001519	-0.277011	-52.279071	
1.00000	-9.750072	-28.946322	-1.553695
-0.001519	-1.096455	-56.912046	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	8.089661	71.475359	1.878921
0.003262	2.083713	151.100611	
0.57746	8.089661	71.475359	1.878921
0.003262	1.296104	127.329771	
0.71831	8.089661	71.475359	1.878921
0.003262	0.517847	110.943975	
0.85915	8.089661	71.475359	1.878921
0.003262	0.219075	112.622651	
1.00000	8.089661	71.475359	1.878921
0.003262	0.823652	127.713936	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-8.845872	-90.792609	-1.442180
-0.003880	-1.600623	-99.264658	
0.57746	-8.845872	-90.792609	-1.442180
-0.003880	-0.996622	-69.469275	
0.71831	-8.845872	-90.792609	-1.442180
-0.003880	-0.393247	-51.326463	
0.85915	-8.845872	-90.792609	-1.442180
-0.003880	-0.280032	-45.422818	
1.00000	-8.845872	-90.792609	-1.442180
-0.003880	-1.068191	-52.146190	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.372445	29.166639	0.702289
8.00E-05	0.784656	52.105715	
0.57746	0.372445	29.166639	0.702289
8.00E-05	0.490025	40.557896	
0.71831	0.372445	29.166639	0.702289
8.00E-05	0.195282	29.371136	
0.85915	0.372445	29.166639	0.702289
8.00E-05	0.080089	19.515546	
1.00000	0.372445	29.166639	0.702289
8.00E-05	0.313359	13.275841	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-5.560479	-9.777234	-0.556580
-0.000587	-0.618944	-17.488663	
0.57746	-5.560479	-9.777234	-0.556580
-0.000587	-0.385423	-14.931398	
0.71831	-5.560479	-9.777234	-0.556580
-0.000587	-0.151815	-12.674664	
0.85915	-5.560479	-9.777234	-0.556580
-0.000587	-0.098113	-11.468470	
1.00000	-5.560479	-9.777234	-0.556580
-0.000587	-0.393077	-12.280595	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	4.009284	71.661818	1.108478
0.004202	1.220005	180.894527	
0.57746	4.009284	71.661818	1.108478
0.004202	0.755970	153.178528	
0.71831	4.009284	71.661818	1.108478
0.004202	0.305625	134.096043	
0.85915	4.009284	71.661818	1.108478
0.004202	0.122639	128.520421	
1.00000	4.009284	71.661818	1.108478
0.004202	0.463559	126.571190	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.762770	-59.893320	-0.789760
-0.004424	-0.871960	-41.204231	
0.57746	-7.762770	-59.893320	-0.789760
-0.004424	-0.542685	-19.213744	
0.71831	-7.762770	-59.893320	-0.789760
-0.004424	-0.213771	-13.598070	
0.85915	-7.762770	-59.893320	-0.789760
-0.004424	-0.175376	-12.018658	
1.00000	-7.762770	-59.893320	-0.789760
-0.004424	-0.640419	-12.571039	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	4.898236	74.386761	1.763008
0.003803	1.951047	163.129281	
0.57746	4.898236	74.386761	1.763008
0.003803	1.212404	138.544199	
0.71831	4.898236	74.386761	1.763008
0.003803	0.486193	121.756895	
0.85915	4.898236	74.386761	1.763008
0.003803	0.210759	120.786828	
1.00000	4.898236	74.386761	1.763008
0.003803	0.776678	124.243684	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.631325	-67.038402	-1.350112
-0.004788	-1.496725	-62.427483	
0.57746	-9.631325	-67.038402	-1.350112
-0.004788	-0.932129	-42.587610	
0.71831	-9.631325	-67.038402	-1.350112
-0.004788	-0.367737	-37.532173	
0.85915	-9.631325	-67.038402	-1.350112
-0.004788	-0.267393	-39.040193	
1.00000	-9.631325	-67.038402	-1.350112
-0.004788	-1.007246	-43.243329	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	8.415656	74.939496	1.756614
0.003118	1.950145	151.139567	
0.57746	8.415656	74.939496	1.756614
0.003118	1.213837	125.318987	
0.71831	8.415656	74.939496	1.756614
0.003118	0.485120	104.565822	
0.85915	8.415656	74.939496	1.756614
0.003118	0.201593	97.804962	
1.00000	8.415656	74.939496	1.756614
0.003118	0.758404	110.356577	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.148923	-95.759259	-1.328519
-0.003159	-1.473408	-113.352779	
0.57746	-9.148923	-95.759259	-1.328519
-0.003159	-0.916503	-79.931173	
0.71831	-9.148923	-95.759259	-1.328519
-0.003159	-0.360627	-55.693370	
0.85915	-9.148923	-95.759259	-1.328519
-0.003159	-0.259743	-39.018202	
1.00000	-9.148923	-95.759259	-1.328519
-0.003159	-0.996536	-43.694291	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	6.841570	24.442669	0.511852
0.001255	0.570933	28.391008	
0.57746	6.841570	24.442669	0.511852
0.001255	0.356140	18.523084	
0.71831	6.841570	24.442669	0.511852
0.001255	0.141881	8.754030	
0.85915	6.841570	24.442669	0.511852
0.001255	0.056164	3.290609	
1.00000	6.841570	24.442669	0.511852
0.001255	0.212330	2.534509	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-2.196012	-55.985375	-0.373667
-4.27E-06	-0.412688	-108.205856	
0.57746	-2.196012	-55.985375	-0.373667
-4.27E-06	-0.258004	-84.398144	
0.71831	-2.196012	-55.985375	-0.373667
-4.27E-06	-0.098916	-61.814455	
0.85915	-2.196012	-55.985375	-0.373667
-4.27E-06	-0.073109	-42.528158	
1.00000	-2.196012	-55.985375	-0.373667
-4.27E-06	-0.287304	-26.037525	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	13.243459	49.251717	0.834004
0.007368	0.904413	106.365909	
0.57746	13.243459	49.251717	0.834004
0.007368	0.556144	88.464359	
0.71831	13.243459	49.251717	0.834004
0.007368	0.227749	82.714687	
0.85915	13.243459	49.251717	0.834004
0.007368	0.108572	98.794208	
1.00000	13.243459	49.251717	0.834004
0.007368	0.333844	119.989062	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-3.466869	-136.897613	-0.540720
-0.005656	-0.589102	-149.992168	
0.57746	-3.466869	-136.897613	-0.540720
-0.005656	-0.364674	-95.028813	
0.71831	-3.466869	-136.897613	-0.540720
-0.005656	-0.142065	-63.078187	
0.85915	-3.466869	-136.897613	-0.540720
-0.005656	-0.117118	-39.697050	
1.00000	-3.466869	-136.897613	-0.540720
-0.005656	-0.495626	-22.826969	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	10.999061	79.144076	1.287290
0.005547	1.418564	176.184224	
0.57746	10.999061	79.144076	1.287290
0.005547	0.879611	145.411995	
0.71831	10.999061	79.144076	1.287290
0.005547	0.354742	123.472810	
0.85915	10.999061	79.144076	1.287290
0.005547	0.150634	118.096541	
1.00000	10.999061	79.144076	1.287290
0.005547	0.526026	117.974869	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-7.422724	-117.993904	-0.896884
-0.004272	-0.988127	-141.715501	
0.57746	-7.422724	-117.993904	-0.896884
-0.004272	-0.613258	-94.207951	
0.71831	-7.422724	-117.993904	-0.896884
-0.004272	-0.239903	-63.339078	
0.85915	-7.422724	-117.993904	-0.896884
-0.004272	-0.202092	-39.418359	
1.00000	-7.422724	-117.993904	-0.896884
-0.004272	-0.741667	-21.950183	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	9.825679	77.433531	1.686876
0.004608	1.867417	151.667740	
0.57746	9.825679	77.433531	1.686876
0.004608	1.160633	124.271963	
0.71831	9.825679	77.433531	1.686876
0.004608	0.465553	104.448225	
0.85915	9.825679	77.433531	1.686876
0.004608	0.198611	98.186186	
1.00000	9.825679	77.433531	1.686876
0.004608	0.724920	104.177023	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-9.372174	-108.019804	-1.256630
-0.004169	-1.390241	-135.611939	
0.57746	-9.372174	-108.019804	-1.256630
-0.004169	-0.864156	-96.208607	
0.71831	-9.372174	-108.019804	-1.256630
-0.004169	-0.339196	-70.739713	
0.85915	-9.372174	-108.019804	-1.256630
-0.004169	-0.255422	-52.800129	
1.00000	-9.372174	-108.019804	-1.256630
-0.004169	-0.962950	-41.960219	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	14.468745	81.997357	1.358073
0.007339	1.514304	183.547359	
0.57746	14.468745	81.997357	1.358073
0.007339	0.944770	152.493970	
0.71831	14.468745	81.997357	1.358073
0.007339	0.375240	130.861479	
0.85915	14.468745	81.997357	1.358073
0.007339	0.143367	125.293573	
1.00000	14.468745	81.997357	1.358073
0.007339	0.535411	123.309528	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-10.218924	-146.925594	-0.950913
-0.005665	-1.059731	-159.066742	
0.57746	-10.218924	-146.925594	-0.950913
-0.005665	-0.660951	-103.537031	
0.71831	-10.218924	-146.925594	-0.950913
-0.005665	-0.262142	-72.395457	
0.85915	-10.218924	-146.925594	-0.950913

```
-0.005665   -0.204977  -51.203415
 1.00000  -10.218924 -146.925594   -0.950913
-0.005665   -0.763829  -58.813868
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3783

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL  ---------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661    13.243459      79.144076      1.951917
 0.007368     2.177389     180.894527
0.57746    13.243459      79.144076      1.951917
 0.007368     1.358373     153.178528
0.71831    13.243459      79.144076      1.951917
 0.007368     0.539611     134.096043
0.85915    13.243459      79.144076      1.951917
 0.007368     0.220964     128.520421
 1.00000   13.243459      79.144076      1.951917
 0.007368     0.872928     127.713936

COMB      DL  ---------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.750072  -136.897613    -1.553695
-0.005656   -1.730034  -149.992168
0.57746    -9.750072  -136.897613    -1.553695
-0.005656   -1.077910   -96.208607
0.71831    -9.750072  -136.897613    -1.553695
-0.005656   -0.425986   -70.739713
0.85915    -9.750072  -136.897613    -1.553695
-0.005656   -0.280032   -56.789660
 1.00000   -9.750072  -136.897613    -1.553695
-0.005656   -1.096455   -64.797893

COMB      CAR  ---------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661    14.468745      81.997357      1.951917
 0.007368     2.177389     183.547359
0.57746    14.468745      81.997357      1.951917
 0.007368     1.358373     153.178528
0.71831    14.468745      81.997357      1.951917
 0.007368     0.539611     134.096043
0.85915    14.468745      81.997357      1.951917
 0.007368     0.220964     128.520421
 1.00000   14.468745      81.997357      1.951917
 0.007368     0.872928     127.713936

COMB      CAR  ---------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661   -10.218924  -146.925594    -1.553695
-0.005665   -1.730034  -159.066742
0.57746   -10.218924  -146.925594    -1.553695
-0.005665   -1.077910  -103.537031
0.71831   -10.218924  -146.925594    -1.553695
-0.005665   -0.425986   -72.395457
0.85915   -10.218924  -146.925594    -1.553695
-0.005665   -0.280032   -56.789660
 1.00000  -10.218924  -146.925594    -1.553695
-0.005665   -1.096455   -64.797893

COMB    DESIGN  ---------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661    14.468745      81.997357      1.951917
 0.007368     2.177389     183.547359
0.57746    14.468745      81.997357      1.951917
 0.007368     1.358373     153.178528
0.71831    14.468745      81.997357      1.951917
 0.007368     0.539611     134.096043
0.85915    14.468745      81.997357      1.951917
 0.007368     0.220964     128.520421
 1.00000   14.468745      81.997357      1.951917
 0.007368     0.872928     127.713936

COMB    DESIGN  ---------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661   -10.218924  -146.925594    -1.553695
-0.005665   -1.730034  -159.066742
0.57746   -10.218924  -146.925594    -1.553695
-0.005665   -1.077910  -103.537031
0.71831   -10.218924  -146.925594    -1.553695
-0.005665   -0.425986   -72.395457
0.85915   -10.218924  -146.925594    -1.553695
-0.005665   -0.280032   -56.789660
 1.00000  -10.218924  -146.925594    -1.553695
-0.005665   -1.096455   -64.797893
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3784

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM       361  ================  LENGTH
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COMB DB-G1-1  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    1.658656       9.385634       0.669826
6.83E-06    0.373000      11.154406
0.14085    1.658656       9.385634       0.669826
6.83E-06    0.092581      16.420597
0.28170    1.658656       9.385634       0.669826
6.83E-06    0.146019      21.790106
0.42255    1.658656       9.385634       0.669826
6.83E-06    0.366373      27.202135
0.56340    1.658656       9.385634       0.669826
6.83E-06    0.586727      32.646482

COMB DB-G1-1  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -2.567874  -13.028579     -0.525424
-0.000717   -0.294716   -38.074597
0.14085   -2.567874  -13.028579     -0.525424
-0.000717   -0.074346   -41.732296
0.28170   -2.567874  -13.028579     -0.525424
-0.000717   -0.188492   -45.445943
0.42255   -2.567874  -13.028579     -0.525424
-0.000717   -0.469297   -49.173261
0.56340   -2.567874  -13.028579     -0.525424
-0.000717   -0.750190   -52.968338

COMB DB-G1-2  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    1.930196      29.740179      1.135919
 0.000185     0.634990     18.375701
0.14085    1.930196      29.740179      1.135919
 0.000185     0.158639     25.044342
0.28170    1.930196      29.740179      1.135919
 0.000185     0.247297     32.136176
0.42255    1.930196      29.740179      1.135919
 0.000185     0.605565     40.288697
0.56340    1.930196      29.740179      1.135919
 0.000185     0.969818     48.932913

COMB DB-G1-2  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -6.941062  -21.147461     -0.868543
-0.001474   -0.487880   -58.830551
0.14085   -6.941062  -21.147461     -0.868543
-0.001474   -0.123673   -68.280518
0.28170   -6.941062  -21.147461     -0.868543
-0.001474   -0.318629   -78.077026
0.42255   -6.941062  -21.147461     -0.868543
-0.001474   -0.794220   -88.334952
0.56340   -6.941062  -21.147461     -0.868543
-0.001474   -1.270605   -99.897766

COMB DB-G1-3  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    1.796410      77.857786      1.323655
 6.15E-06     0.738531     55.488335
0.14085    1.796410      77.857786      1.323655
 6.15E-06     0.183529     47.389049
0.28170    1.796410      77.857786      1.323655
 6.15E-06     0.262948     50.524948
0.42255    1.796410      77.857786      1.323655
 6.15E-06     0.660301     56.303175
0.56340    1.796410      77.857786      1.323655
 6.15E-06     1.057623     62.965555

COMB DB-G1-3  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.132556   -22.304936     -0.947401
-0.001628   -0.531704   -51.750864
0.14085   -10.132556   -22.304936     -0.947401
-0.001628   -0.134308   -55.876744
0.28170   -10.132556   -22.304936     -0.947401
-0.001628   -0.371994   -72.069648
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3785

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P              V2             V3
       T          M2             M3
0.42255   -10.132556   -22.304936     -0.947401
-0.001628   -0.926831   -103.319474
0.56340   -10.132556   -22.304936     -0.947401
-0.001628   -1.481927   -135.359234

COMB DB-G1-4  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    5.891883      107.634003     1.298116
 0.003799     0.739457     120.659253
0.14085    5.891883      107.634003     1.298116
 0.003799     0.195525     114.220701
0.28170    5.891883      107.634003     1.298116
 0.003799     0.248753     116.858307
0.42255    5.891883      107.634003     1.298116
 0.003799     0.625184     130.997105
0.56340    5.891883      107.634003     1.298116
 0.003799     1.001608     153.430924

COMB DB-G1-4  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.762036   -61.202981     -0.897537
-0.004785   -0.516889   -47.042976
0.14085   -10.762036   -61.202981     -0.897537
-0.004785   -0.142379   -53.072604
0.28170   -10.762036   -61.202981     -0.897537
-0.004785   -0.363126   -69.357373
0.42255   -10.762036   -61.202981     -0.897537
-0.004785   -0.894578   -97.286866
0.56340   -10.762036   -61.202981     -0.897537
-0.004785   -1.438889   -135.364179

COMB DB-G2-1  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    0.422594      32.294294      0.480882
 9.27E-06     0.269025     12.427457
0.14085    0.422594      32.294294      0.480882
 9.27E-06     0.067414     10.904943
0.28170    0.422594      32.294294      0.480882
 9.27E-06     0.093679     11.824857
0.42255    0.422594      32.294294      0.480882
 9.27E-06     0.235351     13.283948
0.56340    0.422594      32.294294      0.480882
 9.27E-06     0.376989     14.924912

COMB DB-G2-1  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -5.357158   -8.036050      -0.337724
-0.000645   -0.189610   -13.357677
0.14085   -5.357158   -8.036050      -0.337724
-0.000645   -0.047894   -17.581570
0.28170   -5.357158   -8.036050      -0.337724
-0.000645   -0.134396   -29.337505
0.42255   -5.357158   -8.036050      -0.337724
-0.000645   -0.335988   -41.939194
0.56340   -5.357158   -8.036050      -0.337724
-0.000645   -0.537652   -55.275596

COMB DB-G2-2  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    1.513687      125.811897     0.777151
 0.004782     0.453921     123.586552
0.14085    1.513687      125.811897     0.777151
 0.004782     0.128631     87.373780
0.28170    1.513687      125.811897     0.777151
 0.004782     0.126816     63.123569
0.42255    1.513687      125.811897     0.777151
 0.004782     0.318707     54.507127
0.56340    1.513687      125.811897     0.777151
 0.004782     0.510586     57.194024

COMB DB-G2-2  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.460122   -16.368530     -0.457489
-0.005649   -0.274456   -13.446509
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3786

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P              V2             V3
       T          M2             M3
0.14085   -10.460122   -16.368530     -0.457489
-0.005649   -0.075211   -14.185628
0.28170   -10.460122   -16.368530     -0.457489
-0.005649   -0.216666   -28.495106
0.42255   -10.460122   -16.368530     -0.457489
-0.005649   -0.524957   -58.584410
0.56340   -10.460122   -16.368530     -0.457489
-0.005649   -0.850753   -101.422469

COMB DB-G2-3  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    2.190360      122.322843     1.223198
 0.004321     0.700858     118.201013
0.14085    2.190360      122.322843     1.223198
 0.004321     0.188503     89.729435
0.28170    2.190360      122.322843     1.223198
 0.004321     0.226700     71.942832
0.42255    2.190360      122.322843     1.223198
 0.004321     0.569156     68.232792
0.56340    2.190360      122.322843     1.223198
 0.004321     0.911632     74.740719

COMB DB-G2-3  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -12.102936   -24.533392     -0.816614
-0.005671   -0.474158   -40.969644
0.14085   -12.102936   -24.533392     -0.816614
-0.005671   -0.134023   -44.978244
0.28170   -12.102936   -24.533392     -0.816614
-0.005671   -0.342052   -61.635372
0.42255   -12.102936   -24.533392     -0.816614
-0.005671   -0.839116   -92.303177
0.56340   -12.102936   -24.533392     -0.816614
-0.005671   -1.351991   -134.469922

COMB DB-G2-4  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    7.383448      104.119739     1.224574
 0.003486     0.696341     104.298007
0.14085    7.383448      104.119739     1.224574
 0.003486     0.183208     106.308892
0.28170    7.383448      104.119739     1.224574
 0.003486     0.234582     117.547000
0.42255    7.383448      104.119739     1.224574
 0.003486     0.593058     138.718032
0.56340    7.383448      104.119739     1.224574
 0.003486     0.945520     166.751641

COMB DB-G2-4  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.499357   -73.944765     -0.847558
-0.003978   -0.486720   -40.056568
0.14085   -10.499357   -73.944765     -0.847558
-0.003978   -0.132777   -47.116567
0.28170   -10.499357   -73.944765     -0.847558
-0.003978   -0.341927   -64.702691
0.42255   -10.499357   -73.944765     -0.847558
-0.003978   -0.845018   -94.481022
0.56340   -10.499357   -73.944765     -0.847558
-0.003978   -1.358509   -131.945131

COMB DB-G3-1  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    7.918855      18.652727      0.393788
 0.001229     0.221624     2.215788
0.14085    7.918855      18.652727      0.393788
 0.001229     0.056442     15.027262
0.28170    7.918855      18.652727      0.393788
 0.001229     0.087697     40.720800
0.42255    7.918855      18.652727      0.393788
 0.001229     0.221405     66.646345
0.56340    7.918855      18.652727      0.393788
 0.001229     0.355114     92.627028
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3787

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -1.380511   -62.091777     -0.318822
-1.90E-05   -0.179745   -12.705986
0.14085   -1.380511   -62.091777     -0.318822
-1.90E-05   -0.046035   -17.876793
0.28170   -1.380511   -62.091777     -0.318822
-1.90E-05   -0.108690   -24.767054
0.42255   -1.380511   -62.091777     -0.318822
-1.90E-05   -0.473826   -32.059412
0.56340   -1.380511   -62.091777     -0.318822
-1.90E-05   -0.438973   -39.769505

COMB DB-G3-2  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000   11.028376      101.970014     0.641724
 0.007178     0.384272     112.871015
0.14085   11.028376      101.970014     0.641724
 0.007178     0.115822     108.524957
0.28170   11.028376      101.970014     0.641724
 0.007178     0.115390     112.244140
0.42255   11.028376      101.970014     0.641724
 0.007178     0.291130     133.265998
0.56340   11.028376      101.970014     0.641724
 0.007178     0.466913     167.264377

COMB DB-G3-2  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -5.698152   -86.090949     -0.419102
-0.005879   -0.257555   -13.963759
0.14085   -5.698152   -86.090949     -0.419102
-0.005879   -0.085068   -22.557988
0.28170   -5.698152   -86.090949     -0.419102
-0.005879   -0.176651   -31.324108
0.42255   -5.698152   -86.090949     -0.419102
-0.005879   -0.424509   -44.328573
0.56340   -5.698152   -86.090949     -0.419102
-0.005879   -0.693480   -75.147036

COMB DB-G3-3  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    9.582735      121.209015     0.933352
 0.005165     0.539355     105.698077
0.14085    9.582735      121.209015     0.933352
 0.005165     0.184459     109.196062
0.28170    9.582735      121.209015     0.933352
 0.005165     0.169368     109.422350
0.42255    9.582735      121.209015     0.933352
 0.005165     0.426730     130.811388
0.56340    9.582735      121.209015     0.933352
 0.005165     0.684123     161.699417

COMB DB-G3-3  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -9.175954   -82.501370     -0.613739
-0.004593   -0.246135   -13.455086
0.14085   -9.175954   -82.501370     -0.613739
-0.004593   -0.104936   -20.899788
0.28170   -9.175954   -82.501370     -0.613739
-0.004593   -0.259083   -39.419440
0.42255   -9.175954   -82.501370     -0.613739
-0.004593   -0.635861   -71.675857
0.56340   -9.175954   -82.501370     -0.613739
-0.004593   -1.027191   -114.231988

COMB DB-G3-4  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    8.522826      111.518290     1.198976
 0.004279     0.684735     92.183697
0.14085    8.522026      111.518290     1.198976
 0.004279     0.182335     91.491072
0.28170    8.522026      111.518290     1.198976
 0.004279     0.229968     101.541565
0.42255    8.522026      111.518290     1.198976
 0.004279     0.578493     122.569295
0.56340    8.522026      111.518290     1.198976
 0.004279     0.927076     151.473830
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3788

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.604314   -76.291830     -0.831139
-0.004295   -0.479345   -35.433780
0.14085   -10.604314   -76.291830     -0.831139
-0.004295   -0.132551   -43.751249
0.28170   -10.604314   -76.291830     -0.831139
-0.004295   -0.333885   -62.527188
0.42255   -10.604314   -76.291830     -0.831139
-0.004295   -0.824543   -93.289258
0.56340   -10.604314   -76.291830     -0.831139
-0.004295   -1.327268   -132.925594

COMB DL-G1-1  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    2.789438      10.515264      0.951346
 3.97E-06     0.530212     16.319560
0.14085    2.789438      10.515264      0.951346
 3.97E-06     0.130686     23.228396
0.28170    2.789438      10.515264      0.951346
 3.97E-06     0.230294     30.204339
0.42255    2.789438      10.515264      0.951346
 3.97E-06     0.582426     37.200810
0.56340    2.789438      10.515264      0.951346
 3.97E-06     0.934703     44.216567

COMB DL-G1-1  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -2.425299   -17.350642     -0.839333
-0.000744   -0.471858   -43.701548
0.14085   -2.425299   -17.350642     -0.839333
-0.000744   -0.119396   -47.648058
0.28170   -2.425299   -17.350642     -0.839333
-0.000744   -0.267721   -51.636357
0.42255   -2.425299   -17.350642     -0.839333
-0.000744   -0.666587   -55.656561
0.56340   -2.425299   -17.350642     -0.839333
-0.000744   -1.065620   -59.710436

COMB DL-G1-2  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    3.103156      30.227450      1.630478
 0.000111     0.911389     23.735249
0.14085    3.103156      30.227450      1.630478
 0.000111     0.226613     33.315506
0.28170    3.103156      30.227450      1.630478
 0.000111     0.382216     43.483737
0.42255    3.103156      30.227450      1.630478
 0.000111     0.964413     54.208801
0.56340    3.103156      30.227450      1.630478
 0.000111     1.546823     65.297287

COMB DL-G1-2  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -7.090903   -27.706842     -1.387814
-0.001436   -0.779246   -64.816919
0.14085   -7.090903   -27.706842     -1.387814
-0.001436   -0.196955   -74.135482
0.28170   -7.090903   -27.706842     -1.387814
-0.001436   -0.456316   -84.157346
0.42255   -7.090903   -27.706842     -1.387814
-0.001436   -1.139802   -95.249200
0.56340   -7.090903   -27.706842     -1.387814
-0.001436   -1.823574   -107.146313

COMB DL-G1-3  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    2.957458      72.524981      1.918481
 7.76E-06     1.071176     70.193241
0.14085    2.957458      72.524981      1.918481
 7.76E-06     0.265472     63.045340
0.28170    2.957458      72.524981      1.918481
 7.76E-06     0.429957     63.672398
0.42255    2.957458      72.524981      1.918481
 7.76E-06     1.085089     71.916290
0.56340    2.957458      72.524981      1.918481
 7.76E-06     1.740702     81.720409
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                        Page
<                MOVING                LOAD                >
                                        3789

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -9.689757   -29.027874     -1.561896
-0.001571   -0.875920   -56.922602
0.14085   -9.689757   -29.027874     -1.561896
-0.001571   -0.220255   -62.214365
0.28170   -9.689757   -29.027874     -1.561896
-0.001571   -0.536988   -76.395706
0.42255   -9.689757   -29.027874     -1.561896
-0.001571   -1.147196   -103.884447
0.56340   -9.689757   -29.027874     -1.561896
-0.001571   -2.146570   -132.724057

COMB DL-G1-4  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    6.431902      97.140239      1.853002
 0.002972     1.047754     127.734804
0.14085    6.431902      97.140239      1.853002
 0.002972     0.270296     124.793114
0.28170    6.431902      97.140239      1.853002
 0.002972     0.396237     128.379104
0.42255    6.431902      97.140239      1.853002
 0.002972     1.000385     145.062292
0.56340    6.431902      97.140239      1.853002
 0.002972     1.605513     168.441829

COMB DL-G1-4  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -10.240309   -63.889667     -1.446034
-0.003962   -0.823821   -52.143379
0.14085   -10.240309   -63.889667     -1.446034
-0.003962   -0.217585   -59.719743
0.28170   -10.240309   -63.889667     -1.446034
-0.003962   -0.516620   -74.893288
0.42255   -10.240309   -63.889667     -1.446034
-0.003962   -1.284060   -100.890219
0.56340   -10.240309   -63.889667     -1.446034
-0.003962   -2.060638   -138.017423

COMB DL-G2-1  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    0.371986      29.057144      0.705278
 5.33E-06     0.395303     13.277966
0.14085    0.371986      29.057144      0.705278
 5.33E-06     0.098977     12.125885
0.28170    0.371986      29.057144      0.705278
 5.33E-06     0.152416     14.131872
0.42255    0.371986      29.057144      0.705278
 5.33E-06     0.383730     16.966862
0.56340    0.371986      29.057144      0.705278
 5.33E-06     0.614941     20.133094

COMB DL-G2-1  ------------------  MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000   -5.553450   -9.785399      -0.551025
-0.000604   -0.308105   -12.281894
0.14085   -5.553450   -9.785399      -0.551025
-0.000604   -0.077085   -17.432347
0.28170   -5.553450   -9.785399      -0.551025
-0.000604   -0.195646   -27.355054
0.42255   -5.553450   -9.785399      -0.551025
-0.000604   -0.491699   -38.518578
0.56340   -5.553450   -9.785399      -0.551025
-0.000604   -0.787567   -50.150302

COMB DL-G2-2  ------------------  MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000    1.470184      110.925949     1.106154
 0.004074     0.637852     126.602441
0.14085    1.470184      110.925949     1.106154
 0.004074     0.173907     93.139299
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0.28170     1.470184   110.925949     1.106154
 0.004074    0.214699   68.460441
0.42255     1.470184   110.925949     1.106154
 0.004074    0.541847   62.208541
0.56340     1.470184   110.925949     1.106154
 0.004074    0.869544   65.564040
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3790

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000    -9.913675   -18.339657    -0.787568
-0.004879    -0.460375   -12.563425
0.14085    -9.913675   -18.339657    -0.787568
-0.004879    -0.130326   -13.905797
0.28170    -9.913675   -18.339657    -0.787568
-0.004879    -0.305885   -26.124844
0.42255    -9.913675   -18.339657    -0.787568
-0.004879    -0.755297   -51.689556
0.56340    -9.913675   -18.339657    -0.787568
-0.004879    -1.218339   -93.620436

COMB DL-G2-3 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     2.585427   109.924924     1.743432
 0.003687    0.991705   124.288583
0.14085     2.585427   109.924924     1.743432
 0.003687    0.726965   94.260794
0.28170     2.585427   109.924924     1.743432
 0.003687    0.370285   82.297383
0.42255     2.585427   109.924924     1.743432
 0.003687    0.934540   81.887484
0.56340     2.585427   109.924924     1.743432
 0.003687    1.499126   90.137544

COMB DL-G2-3 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -11.560047   -29.443359    -1.351720
-0.005000    -0.775041   -43.245038
0.14085   -11.560047   -29.443359    -1.351720
-0.005000    -0.208327   -48.172255
0.28170   -11.560047   -29.443359    -1.351720
-0.005000    -0.484957   -63.315675
0.42255   -11.560047   -29.443359    -1.351720
-0.005000    -1.203057   -90.238039
0.56340   -11.560047   -29.443359    -1.351720
-0.005000    -1.933373  -131.920709

COMB DL-G2-4 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     7.063666   96.188297     1.745815
 0.002866    0.986976   110.363165
0.14085     7.063666   96.188297     1.745815
 0.002866    0.254901   113.594973
0.28170     7.063666   96.188297     1.745815
 0.002866    0.361839   123.693555
0.42255     7.063666   96.188297     1.745815
 0.002866    0.913652   145.700990
0.56340     7.063666   96.188297     1.745815
 0.002866    1.466451   173.329722

COMB DL-G2-4 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -10.306460   -73.560432    -1.320015
-0.003329    -0.750174   -43.683569
0.14085   -10.306460   -73.560432    -1.320015
-0.003329    -0.196700   -52.630983
0.28170   -10.306460   -73.560432    -1.320015
-0.003329    -0.485508   -70.139535
0.42255   -10.306460   -73.560432    -1.320015
-0.003329    -1.209737   -97.977463
0.56340   -10.306460   -73.560432    -1.320015
-0.003329    -1.941438  -135.087853

COMB DL-G3-1 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     6.883019   24.368106     0.523303
 0.001201    0.294732    2.533682
0.14085     6.883019   24.368106     0.523303
 0.001201    0.075658   13.374358
0.28170     6.883019   24.368106     0.523303
 0.001201    0.096596   35.804667
0.42255     6.883019   24.368106     0.523303
 0.001201    0.243112   58.747669
0.56340     6.883019   24.368106     0.523303
 0.001201    0.390778   81.953306
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3791

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000    -2.206628   -56.210540    -0.350656
-1.40E-05    -0.195758   -26.046755
0.14085    -2.206628   -56.210540    -0.350656
-1.40E-05    -0.049053   -27.315452
0.28170    -2.206628   -56.210540    -0.350656
-1.40E-05    -0.144268   -36.066620
0.42255    -2.206628   -56.210540    -0.350656
-1.40E-05    -0.363284   -45.559897
0.56340    -2.206628   -56.210540    -0.350656
-1.40E-05    -0.582730   -55.387387

COMB DL-G3-2 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     9.688120   105.380593     0.843590
 0.007098    0.500843   120.038107
0.14085     9.688120   105.380593     0.843590
 0.007098    0.148354   112.670632
0.28170     9.688120   105.380593     0.843590
 0.007098    0.139776   112.068318
0.42255     9.688120   105.380593     0.843590
 0.007098    0.352203   127.998958
0.56340     9.688120   105.380593     0.843590
 0.007098    0.566769   156.719509

COMB DL-G3-2 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000    -6.577157   -78.168485    -0.519829
-0.005852    -0.318715   -22.809365
0.14085    -6.577157   -78.168485    -0.519829
-0.005852    -0.102204   -31.248933
0.28170    -6.577157   -78.168485    -0.519829
-0.005852    -0.230456   -42.594161
0.42255    -6.577157   -78.168485    -0.519829
-0.005852    -0.562852   -58.127176
0.56340    -6.577157   -78.168485    -0.519829
-0.005852    -0.915178   -96.541799

COMB DL-G3-3 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     8.451105   119.410703     1.296051
 0.005311    0.746133   118.003706
0.14085     8.451105   119.410703     1.296051
 0.005311    0.203147   107.510810
0.28170     8.451105   119.410703     1.296051
 0.005311    0.238325   108.559833
0.42255     8.451105   119.410703     1.296051
 0.005311    0.601564   126.572261
0.56340     8.451105   119.410703     1.296051
 0.005311    0.966551   154.167494

COMB DL-G3-3 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000    -9.644589   -75.818236    -0.875202
-0.004692    -0.509674   -21.933180
0.14085    -9.644589   -75.818236    -0.875202
-0.004692    -0.143004   -28.273697
0.28170    -9.644589   -75.818236    -0.875202
-0.004692    -0.357331   -47.562267
0.42255    -9.644589   -75.818236    -0.875202
-0.004692    -0.885743   -76.678758
0.56340    -9.644589   -75.818236    -0.875202
-0.004692    -1.428366  -122.149818

COMB DL-G3-4 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     7.703833   110.775017     1.687458
 0.004411    0.961565   104.211946
0.14085     7.703833   110.775017     1.687458
 0.004411    0.254057   99.500941
0.28170     7.703833   110.775017     1.687458
 0.004411    0.338956   104.296561
0.42255     7.703833   110.775017     1.687458
 0.004411    0.854573   123.320338
0.56340     7.703833   110.775017     1.687458
 0.004411    1.371671   158.335195
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3792

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -11.203949   -73.038561    -1.236827
-0.004402    -0.708917   -41.954260
0.14085   -11.203949   -73.038561    -1.236827
-0.004402    -0.190399   -51.198239
0.28170   -11.203949   -73.038561    -1.236827
-0.004402    -0.467164   -71.055157
0.42255   -11.203949   -73.038561    -1.236827
-0.004402    -1.162428   -99.696448
0.56340   -11.203949   -73.038561    -1.236827
-0.004402    -1.869348  -142.113329

COMB     DB ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000    11.028376   125.811897     1.323655
 0.007178    0.739457   123.586552
0.14085    11.028376   125.811897     1.323655
 0.007178    0.195525   114.229701
0.28170    11.028376   125.811897     1.323655
 0.007178    0.262948   117.547000
0.42255    11.028376   125.811897     1.323655
 0.007178    0.660301   138.718032
0.56340    11.028376   125.811897     1.323655
 0.007178    1.057623   167.264377

COMB     DB ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -12.102936   -86.090949    -0.947401
-0.005879    -0.531704   -58.830551
0.14085   -12.102936   -86.090949    -0.947401
-0.005879    -0.142379   -68.280518
0.28170   -12.102936   -86.090949    -0.947401
-0.005879    -0.371994   -78.077026
0.42255   -12.102936   -86.090949    -0.947401
-0.005879    -0.926831  -103.319474
0.56340   -12.102936   -86.090949    -0.947401
-0.005879    -1.481927  -135.364179

COMB     DL ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000     9.688120   119.410703     1.918481
 0.007098    1.071176   127.734804
0.14085     9.688120   119.410703     1.918481
 0.007098    0.270296   124.793114
0.28170     9.688120   119.410703     1.918481
 0.007098    0.429957   128.379104
0.42255     9.688120   119.410703     1.918481
 0.007098    1.085089   145.700990
0.56340     9.688120   119.410703     1.918481
 0.007098    1.740702   173.329722

COMB     DL ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -11.560047   -78.168485    -1.561896
-0.005852    -0.875920   -64.816919
0.14085   -11.560047   -78.168485    -1.561896
-0.005852    -0.220255   -74.135482
0.28170   -11.560047   -78.168485    -1.561896
-0.005852    -0.536988   -84.157346
0.42255   -11.560047   -78.168485    -1.561896
-0.005852    -1.341786  -103.834447
0.56340   -11.560047   -78.168485    -1.561896
-0.005852    -2.146570  -142.113329

COMB     CAR ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000    11.028376   125.811897     1.918481
 0.007178    1.071176   127.734804
0.14085    11.028376   125.811897     1.918481
 0.007178    0.270296   124.793114
0.28170    11.028376   125.811897     1.918481
 0.007178    0.429957   128.379104
0.42255    11.028376   125.811897     1.918481
 0.007178    1.085089   145.700990
0.56340    11.028376   125.811897     1.918481
 0.007178    1.740702   173.329722
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3793

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -12.102936   -86.090949    -1.561896
-0.005879    -0.875920   -64.816919
0.14085   -12.102936   -86.090949    -1.561896
-0.005879    -0.220255   -74.135482
0.28170   -12.102936   -86.090949    -1.561896
-0.005879    -0.536988   -84.157346
0.42255   -12.102936   -86.090949    -1.561896
-0.005879    -1.341786  -103.834447
0.56340   -12.102936   -86.090949    -1.561896
-0.005879    -2.146570  -142.113329

COMB  DESIGN ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.00000    11.028376   125.811897     1.918481
 0.007178    1.071176   127.734804
0.14085    11.028376   125.811897     1.918481
 0.007178    0.270296   124.793114
0.28170    11.028376   125.811897     1.918481
 0.007178    0.429957   128.379104
0.42255    11.028376   125.811897     1.918481
 0.007178    1.085089   145.700990
0.56340    11.028376   125.811897     1.918481
 0.007178    1.740702   173.329722

COMB  DESIGN ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.00000   -12.102936   -86.090949    -1.561896
-0.005879    -0.875920   -64.816919
0.14085   -12.102936   -86.090949    -1.561896
-0.005879    -0.220255   -74.135482
0.28170   -12.102936   -86.090949    -1.561896
-0.005879    -0.536988   -84.157346
0.42255   -12.102936   -86.090949    -1.561896
-0.005879    -1.341786  -103.834447
0.56340   -12.102936   -86.090949    -1.561896
-0.005879    -2.146570  -142.113329

ELEM      362 ================== LENGTH
=     2.977473

COMB DB-G1-1 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     2.805638   2.643342     0.693576
8.97E-06    0.774610   3.044945
0.57746     2.805638   2.643342     0.693576
8.97E-06    0.483750   2.315419
0.71831     2.805638   2.643342     0.693576
8.97E-06    0.192906   3.518582
0.85915     2.805638   2.643342     0.693576
8.97E-06    0.074516   6.306884
1.00000     2.805638   2.643342     0.693576
8.97E-06    0.293398   11.905482

COMB DB-G1-1 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -1.100461   -18.966601    -0.521921
-0.001112    -0.582123   -20.946037
0.57746    -1.100461   -18.966601    -0.521921
-0.001112    -0.363245   -21.673822
0.71831    -1.100461   -18.966601    -0.521921
-0.001112    -0.144368   -22.469118
0.85915    -1.100461   -18.966601    -0.521921
-0.001112    -0.097900   -23.344466
1.00000    -1.100461   -18.966601    -0.521921
-0.001112    -0.388845   -24.283472

COMB DB-G1-2 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     3.790047   11.816673     1.178449
 0.000192    1.315737   12.213017
0.57746     3.790047   11.816673     1.178449
 0.000192    0.821626   8.377995
0.71831     3.790047   11.816673     1.178449
 0.000192    0.327970   6.102779
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3794

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P              V2             V3
        T         M2             M3
0.85915     3.790047   11.816673     1.178449
 0.000192    0.123688   9.021935
1.00000     3.790047   11.816673     1.178449
 0.000192    0.485245   18.774483

COMB DB-G1-2 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -4.535949   -36.163178    -0.863168
-0.002070    -0.963011   -46.671221
0.57746    -4.535949   -36.163178    -0.863168
-0.002070    -0.601023   -42.897759
0.71831    -4.535949   -36.163178    -0.863168
-0.002070    -0.239021   -42.476390
0.85915    -4.535949   -36.163178    -0.863168
-0.002070    -0.166786   -43.224596
1.00000    -4.535949   -36.163178    -0.863168
-0.002070    -0.661080   -44.937417

COMB DB-G1-3 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     3.974582   54.043613     1.398171
 5.94E-06    1.562367   113.315527
0.57746     3.974582   54.043613     1.398171
 5.94E-06    0.976038   91.473516
0.71831     3.974582   54.043613     1.398171
 5.94E-06    0.389748   70.545062
0.85915     3.974582   54.043613     1.398171
 5.94E-06    0.132914   54.301577
1.00000     3.974582   54.043613     1.398171
 5.94E-06    0.526134   44.692089

COMB DB-G1-3 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -7.366109   -41.676236    -0.937466
-0.001685    -1.046450   -60.044492
0.57746    -7.366109   -41.676236    -0.937466
-0.001685    -0.653307   -52.605334
0.71831    -7.366109   -41.676236    -0.937466
-0.001685    -0.260133   -47.155308
0.85915    -7.366109   -41.676236    -0.937466
-0.001685    -0.196653   -41.911190
1.00000    -7.366109   -41.676236    -0.937466
-0.001685    -0.783025   -37.151500

COMB DB-G1-4 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     9.137924   55.807146     1.365097
 0.003753    1.511170   117.101767
0.57746     9.137924   55.807146     1.365097
 0.003753    0.940518   95.371638
0.71831     9.137924   55.807146     1.365097
 0.003753    0.378408   80.126938
0.85915     9.137924   55.807146     1.365097
 0.003753    0.142195   83.835822
1.00000     9.137924   55.807146     1.365097
 0.003753    0.517313   103.880680

COMB DB-G1-4 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -7.070494   -108.576396    -0.910621
-0.004698    -1.015978   -107.950952
0.57746    -7.070494   -108.576396    -0.910621
-0.004698    -0.634090   -72.378898
0.71831    -7.070494   -108.576396    -0.910621
-0.004698    -0.252217   -50.135793
0.85915    -7.070494   -108.576396    -0.910621
-0.004698    -0.206990   -35.555865
1.00000    -7.070494   -108.576396    -0.910621
-0.004698    -0.778838   -35.048751

COMB DB-G2-1 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     0.764193   20.287433     0.506254
 1.20E-05    0.565918   32.405065
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3795

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P              V2             V3
        T         M2             M3
0.57746     0.764193   20.287433     0.506254
 1.20E-05    0.353615   24.394445
0.71831     0.764193   20.287433     0.506254
 1.20E-05    0.141336   17.179087
0.85915     0.764193   20.287433     0.506254
 1.20E-05    0.047158   11.897768
1.00000     0.764193   20.287433     0.506254
 1.20E-05    0.187257   9.643403

COMB DB-G2-1 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -4.414433   -17.278485    -0.333913
-0.000735    -0.372921   -31.636414
0.57746    -4.414433   -17.278485    -0.333913
-0.000735    -0.232879   -25.437753
0.71831    -4.414433   -17.278485    -0.333913
-0.000735    -0.092810   -21.202667
0.85915    -4.414433   -17.278485    -0.333913
-0.000735    -0.070924   -17.501722
1.00000    -4.414433   -17.278485    -0.333913
-0.000735    -0.283308   -14.736882

COMB DB-G2-2 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     5.291650   60.034022     0.837873
 0.004403    0.917895   136.526947
0.57746     5.291650   60.034022     0.837873
 0.004403    0.569023   112.402312
0.71831     5.291650   60.034022     0.837873
 0.004403    0.231837   96.151786
0.85915     5.291650   60.034022     0.837873
 0.004403    0.085490   98.797580
1.00000     5.291650   60.034022     0.837873
 0.004403    0.278614   104.929100

COMB DB-G2-2 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -6.743959   -80.996027    -0.482644
-0.005070    -0.538875   -69.726308
0.57746    -6.743959   -80.996027    -0.482644
-0.005070    -0.336482   -38.849161
0.71831    -6.743959   -80.996027    -0.482644
-0.005070    -0.134077   -25.716784
0.85915    -6.743959   -80.996027    -0.482644
-0.005070    -0.137357   -18.775059
1.00000    -6.743959   -80.996027    -0.482644
-0.005070    -0.487745   -13.076287

COMB DB-G2-3 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     6.421837   56.469823     1.297408
 0.003979    1.432892   124.289090
0.57746     6.421837   56.469823     1.297408
 0.003979    0.891061   102.328490
0.71831     6.421837   56.469823     1.297408
 0.003979    0.359789   87.377916
0.85915     6.421837   56.469823     1.297408
 0.003979    0.134328   90.221321
1.00000     6.421837   56.469823     1.297408
 0.003979    0.476760   101.901662

COMB DB-G2-3 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -7.727803   -88.149227    -0.836521
-0.005424    -0.933588   -80.691187
0.57746    -7.727803   -88.149227    -0.836521
-0.005424    -0.582789   -52.604873
0.71831    -7.727803   -88.149227    -0.836521
-0.005424    -0.231963   -41.467301
0.85915    -7.727803   -88.149227    -0.836521
-0.005424    -0.200362   -35.910977
1.00000    -7.727803   -88.149227    -0.836521
-0.005424    -0.743619   -31.480576
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD            >
                                3796

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     9.137089   63.524775     1.284846
 0.003495    1.423871   125.609529
0.57746     9.137089   63.524775     1.284846
 0.003495    0.886543   100.720361
0.71831     9.137089   63.524775     1.284846
 0.003495    0.356126   80.805873
0.85915     9.137089   63.524775     1.284846
 0.003495    0.132034   74.575193
1.00000     9.137089   63.524775     1.284846
 0.003495    0.485461   88.074878

COMB DB-G2-4 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -8.015072   -107.653157    -0.855801
-0.003801    -0.954791   -122.208443
0.57746    -8.015072   -107.653157    -0.855801
-0.003801    -0.595904   -84.102252
0.71831    -8.015072   -107.653157    -0.855801
-0.003801    -0.237001   -57.667341
0.85915    -8.015072   -107.653157    -0.855801
-0.003801    -0.193210   -34.818791
1.00000    -8.015072   -107.653157    -0.855801
-0.003801    -0.731504   -32.764490

COMB DB-G3-1 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661     5.439089   32.320161     0.392163
 0.001342    0.437032   44.505335
0.57746     5.439089   32.320161     0.392163
 0.001342    0.272574   31.146722
0.71831     5.439089   32.320161     0.392163
 0.001342    0.108117   17.914234
0.85915     5.439089   32.320161     0.392163
 0.001342    0.045685   5.491150
1.00000     5.439089   32.320161     0.392163
 0.001342    0.178232   1.824768

COMB DB-G3-1 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -3.213030   -41.042854    -0.316078
-7.09E-06    -0.351991   -80.727452
0.57746    -3.213030   -41.042854    -0.316078
-7.09E-06    -0.219438   -63.552500
0.71831    -3.213030   -41.042854    -0.316078
-7.09E-06    -0.086884   -46.404767
0.85915    -3.213030   -41.042854    -0.316078
-7.09E-06    -0.056310   -29.271960
1.00000    -3.213030   -41.042854    -0.316078
-7.09E-06    -0.220811   -12.865130

COMB DB-G3-2 ---------- MAX

REL DIST          P              V2             V3
        T         M2             M3
0.43661    11.853157   55.852420     0.661435
 0.006943    0.714926   109.208812
0.57746    11.853157   55.852420     0.661435
 0.006943    0.440537   87.024675
0.71831    11.853157   55.852420     0.661435
 0.006943    0.166147   74.102094
0.85915    11.853157   55.852420     0.661435
 0.006943    0.088786   83.595569
1.00000    11.853157   55.852420     0.661435
 0.006943    0.273550   101.092487

COMB DB-G3-2 ---------- MIN

REL DIST          P              V2             V3
        T         M2             M3
0.43661    -4.575364   -126.679637    -0.467714
```

```
-0.005472   -0.520608  -132.531585
 0.57746    -4.575364  -126.679637    -0.467714
-0.005472   -0.324464   -82.122970
 0.71831    -4.575364  -126.679637    -0.467714
-0.005472   -0.128283   -51.300194
 0.85915    -4.575364  -126.679637    -0.467714
-0.005472   -0.118482   -27.805567
 1.00000    -4.575364  -126.679637    -0.467714
-0.005472   -0.394776   -15.515896
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3797

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661    10.218180      81.368552       0.979673
 0.005064   1.078191     160.536918
0.57746    10.218180      81.368552       0.979673
 0.005064   0.669431     127.422617
0.71831    10.218180      81.368552       0.979673
 0.005064   0.270377     100.775642
0.85915    10.218180      81.368552       0.979673
 0.005064   0.104395      90.513085
1.00000    10.218180      81.368552       0.979673
 0.005064   0.360984      89.085001

COMB DB-G3-3 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -7.957715  -114.264111      -0.630325
-0.004010   -0.702943  -139.321452
0.57746    -7.957715  -114.264111      -0.630325
-0.004010   -0.438639   -93.356084
0.71831    -7.957715  -114.264111      -0.630325
-0.004010   -0.174276   -60.903168
0.85915    -7.957715  -114.264111      -0.630325
-0.004010   -0.155300   -33.543185
1.00000    -7.957715  -114.264111      -0.630325
-0.004010   -0.565336   -16.642847

COMB DB-G3-4 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     9.521800      71.957656       1.253575
 0.004198   1.386939     136.162926
0.57746     9.521800      71.957656       1.253575
 0.004198   0.862965     107.522160
0.71831     9.521800      71.957656       1.253575
 0.004198   0.347019      84.576565
0.85915     9.521800      71.957656       1.253575
 0.004198   0.132010      75.960886
1.00000     9.521800      71.957656       1.253575
 0.004198   0.478901      78.701065

COMB DB-G3-4 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -8.842481  -107.728821      -0.842404
-0.004022   -0.939642  -133.954944
0.57746    -8.842481  -107.728821      -0.842404
-0.004022   -0.586369   -94.211137
0.71831    -8.842481  -107.728821      -0.842404
-0.004022   -0.233097   -67.748376
0.85915    -8.842481  -107.728821      -0.842404
-0.004022   -0.190912   -45.569316
1.00000    -8.842481  -107.728821      -0.842404
-0.004022   -0.715991   -32.183858

COMB DL-G1-1 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     4.993223       3.669929       1.011022
6.28E-06    1.128679       3.908509
0.57746     4.993223       3.669929       1.011022
6.28E-06    0.704730       3.621029
0.71831     4.993223       3.669929       1.011022
6.28E-06    0.280699       3.934027
0.85915     4.993223       3.669929       1.011022
6.28E-06    0.128770       8.241836
1.00000     4.993223       3.669929       1.011022
6.28E-06    0.514167      16.893035

COMB DL-G1-1 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -1.126805   -26.837686      -0.918468
-0.001194   -0.640034   -44.287754
0.57746    -1.126805   -26.837686      -0.918468
-0.001194   -0.640033   -36.863286
0.71831    -1.126805   -26.837686      -0.918468
-0.001194   -0.254661   -29.864235
0.85915    -1.126805   -26.837686      -0.918468
-0.001194   -0.142763   -26.544024
1.00000    -1.126805   -26.837686      -0.918468
-0.001194   -0.567148   -26.358207
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3798

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     6.306632      12.355095       1.750742
 0.000111   1.954098      12.259467
0.57746     6.306632      12.355095       1.750742
 0.000111   1.219569       8.548019
0.71831     6.306632      12.355095       1.750742
 0.000111   0.485802       6.416091
0.85915     6.306632      12.355095       1.750742
 0.000111   0.213605      10.525968
1.00000     6.306632      12.355095       1.750742
 0.000111   0.851349      24.109937

COMB DL-G1-2 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -4.195971   -49.542778      -1.520784
-0.002076   -1.698115   -85.634340
0.57746    -4.195971   -49.542778      -1.520784
-0.002076   -1.060038   -71.914774
0.71831    -4.195971   -49.542778      -1.520784
-0.002076   -0.421514   -57.175317
0.85915    -4.195971   -49.542778      -1.520784
-0.002076   -0.247582   -48.204571
1.00000    -4.195971   -49.542778      -1.520784
-0.002076   -0.982509   -46.184464

COMB DL-G1-3 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     6.296849      47.461420       2.086210
 1.37E-05   2.330351     104.776582
0.57746     6.296849      47.461420       2.086210
 1.37E-05   1.455161      87.147475
0.71831     6.296849      47.461420       2.086210
 1.37E-05   0.579855      70.542593
0.85915     6.296849      47.461420       2.086210
 1.37E-05   0.243751      59.043252
1.00000     6.296849      47.461420       2.086210
 1.37E-05   0.976937      56.781746

COMB DL-G1-3 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -6.445622   -56.477757      -1.747891
-0.001764   -1.951935   -93.670505
0.57746    -6.445622   -56.477757      -1.747891
-0.001764   -1.218412   -75.994297
0.71831    -6.445622   -56.477757      -1.747891
-0.001764   -0.484926   -58.762631
0.85915    -6.445622   -56.477757      -1.747891
-0.001764   -0.292512   -45.419674
1.00000    -6.445622   -56.477757      -1.747891
-0.001764   -1.168769   -38.645917

COMB DL-G1-4 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661    10.108242      54.699688       2.017783
 0.003229   2.242386     118.531969
0.57746    10.108242      54.699688       2.017783
 0.003229   1.398643      98.679035
0.71831    10.108242      54.699688       2.017783
 0.003229   0.559649      84.821840
0.85915    10.108242      54.699688       2.017783
 0.003229   0.247043      87.219953
1.00000    10.108242      54.699688       2.017783
 0.003229   0.945079     107.930703

COMB DL-G1-4 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -6.979532  -108.552982      -1.668592
-0.003987   -1.859277  -127.968100
0.57746    -6.979532  -108.552982      -1.668592
-0.003987   -1.159506   -88.366684
0.71831    -6.979532  -108.552982      -1.668592
-0.003987   -0.460490   -58.284573
0.85915    -6.979532  -108.552982      -1.668592
-0.003987   -0.295383   -38.588403
1.00000    -6.979532  -108.552982      -1.668592
-0.003987   -1.141842   -36.778496
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3799

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     0.973385      16.818907       0.775248
 7.38E-06   0.865507      27.788299
0.57746     0.973385      16.818907       0.775248
 7.38E-06   0.540482      21.588498
0.71831     0.973385      16.818907       0.775248
 7.38E-06   0.215169      15.717207
0.85915     0.973385      16.818907       0.775248
 7.38E-06   0.085526      10.871197
1.00000     0.973385      16.818907       0.775248
 7.38E-06   0.343019      10.695943

COMB DL-G2-1 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -3.784099   -22.899863      -0.614531
-0.000668   -0.686478   -40.687025
0.57746    -3.784099   -22.899863      -0.614531
-0.000668   -0.428671   -32.696560
0.71831    -3.784099   -22.899863      -0.614531
-0.000668   -0.170734   -24.965344
0.85915    -3.784099   -22.899863      -0.614531
-0.000668   -0.084729   -21.233579
1.00000    -3.784099   -22.899863      -0.614531
-0.000668   -0.434367   -13.898266

COMB DL-G2-2 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     4.935408      51.790954       1.231855
 0.004070   1.358207     126.338577
0.57746     4.935408      51.790954       1.231855
 0.004070   0.845500     107.157964
0.71831     4.935408      51.790954       1.231855
 0.004070   0.339851      95.370036
0.85915     4.935408      51.790954       1.231855
 0.004070   0.149749      98.350247
1.00000     4.935408      51.790954       1.231855
 0.004070   0.540136     105.991682

COMB DL-G2-2 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -5.844904   -79.123269      -0.936395
-0.004376   -1.041831   -75.173102
0.57746    -5.844904   -79.123269      -0.936395
-0.004376   -0.649655   -44.996427
0.71831    -5.844904   -79.123269      -0.936395
-0.004376   -0.258539   -28.542872
0.85915    -5.844904   -79.123269      -0.936395
-0.004376   -0.191386   -18.549039
1.00000    -5.844904   -79.123269      -0.936395
-0.004376   -0.707946   -11.844494

COMB DL-G2-3 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     7.356845      49.340850       1.909029
 0.003683   2.115825     115.480880
0.57746     7.356845      49.340850       1.909029
 0.003683   1.318692      97.301476
0.71831     7.356845      49.340850       1.909029
 0.003683   0.528040      86.969485
0.85915     7.356845      49.340850       1.909029
 0.003683   0.233128      90.715195
1.00000     7.356845      49.340850       1.909029
 0.003683   0.878898     105.618660

COMB DL-G2-3 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -6.796055   -92.916458      -1.544413
-0.004857   -1.721169   -105.055676
0.57746    -6.796055   -92.916458      -1.544413
-0.004857   -1.073724   -71.730887
0.71831    -6.796055   -92.916458      -1.544413
-0.004857   -0.427262   -50.833916
0.85915    -6.796055   -92.916458      -1.544413
-0.004857   -0.285414   -36.958662
1.00000    -6.796055   -92.916458      -1.544413
-0.004857   -1.086308   -31.020556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3800

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     9.209059      64.801381       1.904694
 0.003142   2.118775     128.884397
0.57746     9.209059      64.801381       1.904694
 0.003142   1.322032     104.307627
0.71831     9.209059      64.801381       1.904694
 0.003142   0.529152      84.144126
0.85915     9.209059      64.801381       1.904694
 0.003142   0.228135      75.021411
1.00000     9.209059      64.801381       1.904694
 0.003142   0.874456      90.468842

COMB DL-G2-4 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -8.360718  -105.883555      -1.544501
-0.003247   -1.720100  -133.629326
0.57746    -8.360718  -105.883555      -1.544501
-0.003247   -1.071924   -93.802042
0.71831    -8.360718  -105.883555      -1.544501
-0.003247   -0.425184   -61.615638
0.85915    -8.360718  -105.883555      -1.544501
-0.003247   -0.276874   -35.214956
1.00000    -8.360718  -105.883555      -1.544501
-0.003247   -1.075623   -33.838316

COMB DL-G3-1 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     4.579745      46.713755       0.552777
 0.001435   0.619532      59.493160
0.57746     4.579745      46.713755       0.552777
 0.001435   0.387601      40.108198
0.71831     4.579745      46.713755       0.552777
 0.001435   0.156213      21.033087
0.85915     4.579745      46.713755       0.552777
 0.001435   0.067171       4.922218
1.00000     4.579745      46.713755       0.552777
 0.001435   0.257068       2.006297

COMB DL-G3-1 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -5.334245   -34.788042      -0.453552
-4.22E-06   -0.502059   -69.327091
0.57746    -5.334245   -34.788042      -0.453552
-4.22E-06   -0.311239   -54.889489
0.71831    -5.334245   -34.788042      -0.453552
-4.22E-06   -0.121302   -40.654403
0.85915    -5.334245   -34.788042      -0.453552
-4.22E-06   -0.075734   -29.093629
1.00000    -5.334245   -34.788042      -0.453552
-4.22E-06   -0.307185   -27.858101

COMB DL-G3-2 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     10.659261      69.534001       0.914090
 0.007396   0.997355     124.829205
0.57746     10.659261      69.534001       0.914090
 0.007396   0.619815      97.620550
0.71831     10.659261      69.534001       0.914090
 0.007396   0.252804      80.858614
0.85915     10.659261      69.534001       0.914090
 0.007396   0.132041      86.629925
1.00000     10.659261      69.534001       0.914090
 0.007396   0.425807     107.176145

COMB DL-G3-2 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -6.891621  -116.341801      -0.710514
-0.005456   -0.782673  -118.493357
0.57746    -6.891621  -116.341801      -0.710514
-0.005456   -0.485037   -71.442648
0.71831    -6.891621  -116.341801      -0.710514
-0.005456   -0.190041   -43.697083
0.85915    -6.891621  -116.341801      -0.710514
-0.005456   -0.153867   -27.168968
1.00000    -6.891621  -116.341801      -0.710514
-0.005456   -0.535669   -26.322241
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3801

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     9.293059      86.111970       1.419631
 0.005608   1.569688     163.023422
0.57746     9.293059      86.111970       1.419631
 0.005608   0.978365     129.216124
0.71831     9.293059      86.111970       1.419631
 0.005608   0.394374     102.967476
0.85915     9.293059      86.111970       1.419631
 0.005608   0.176591      93.583513
1.00000     9.293059      86.111970       1.419631
 0.005608   0.634299      99.278164

COMB DL-G3-3 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.252266  -110.431449      -1.098057
-0.004162   -1.217887  -127.952818
0.57746    -9.252266  -110.431449      -1.098057
-0.004162   -0.757278   -83.807327
0.71831    -9.252266  -110.431449      -1.098057
-0.004162   -0.298717   -53.633283
0.85915    -9.252266  -110.431449      -1.098057
-0.004162   -0.214455   -31.847847
1.00000    -9.252266  -110.431449      -1.098057
-0.004162   -0.811263   -25.228340

COMB DL-G3-4 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     9.453116      75.761487       1.838876
 0.004659   2.040266     138.488352
0.57746     9.453116      75.761487       1.838876
 0.004659   1.272363     109.338692
0.71831     9.453116      75.761487       1.838876
 0.004659   0.510516      86.569125
0.85915     9.453116      75.761487       1.838876
 0.004659   0.224785      78.663640
1.00000     9.453116      75.761487       1.838876
 0.004659   0.838483      88.650760

COMB DL-G3-4 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.752850  -110.144319      -1.469011
-0.004173   -1.633620  -141.092016
0.57746    -9.752850  -110.144319      -1.469011
-0.004173   -1.017359   -98.971125
0.71831    -9.752850  -110.144319      -1.469011
-0.004173   -0.402764   -68.511743
0.85915    -9.752850  -110.144319      -1.469011
-0.004173   -0.272727   -45.471552
1.00000    -9.752850  -110.144319      -1.469011
-0.004173   -1.044118   -38.895880

COMB      DB -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     11.853157      81.368552       1.398171
 0.006943   1.562367     160.536918
0.57746     11.853157      81.368552       1.398171
 0.006943   1.160038     127.422617
0.71831     11.853157      81.368552       1.398171
 0.006943   0.389748     100.775642
0.85915     11.853157      81.368552       1.398171
 0.006943   0.142195      98.797580
1.00000     11.853157      81.368552       1.398171
 0.006943   0.526134     104.929100

COMB      DB -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -8.842481  -126.679637      -0.937466
-0.005472   -1.046450  -139.321452
0.57746    -8.842481  -126.679637      -0.937466
-0.005472   -0.653307   -94.211137
0.71831    -8.842481  -126.679637      -0.937466
-0.005472   -0.260133   -67.748376
0.85915    -8.842481  -126.679637      -0.937466
-0.005472   -0.206990   -45.569316
1.00000    -8.842481  -126.679637      -0.937466
-0.005472   -0.783025   -44.937417
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3802

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     10.659261      86.111970       2.086210
 0.007396   2.330351     163.023422
0.57746     10.659261      86.111970       2.086210
 0.007396   1.455161     129.216124
0.71831     10.659261      86.111970       2.086210
 0.007396   0.579855     102.967476
0.85915     10.659261      86.111970       2.086210
 0.007396   0.247043      98.350247
1.00000     10.659261      86.111970       2.086210
 0.007396   0.976937     107.930703

COMB      DL -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.752850  -116.341801      -1.747891
-0.005456   -1.951935  -141.092016
0.57746    -9.752850  -116.341801      -1.747891
-0.005456   -1.218412   -98.971125
0.71831    -9.752850  -116.341801      -1.747891
-0.005456   -0.484926   -68.511743
0.85915    -9.752850  -116.341801      -1.747891
-0.005456   -0.295383   -48.204571
1.00000    -9.752850  -116.341801      -1.747891
-0.005456   -1.168769   -46.184464

COMB      CAR -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     11.853157      86.111970       2.086210
 0.007396   2.330351     163.023422
0.57746     11.853157      86.111970       2.086210
 0.007396   1.455161     129.216124
0.71831     11.853157      86.111970       2.086210
 0.007396   0.579855     102.967476
0.85915     11.853157      86.111970       2.086210
 0.007396   0.247043      98.797580
1.00000     11.853157      86.111970       2.086210
 0.007396   0.976937     107.930703

COMB      CAR -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.752850  -126.679637      -1.747891
-0.005472   -1.951935  -141.092016
0.57746    -9.752850  -126.679637      -1.747891
-0.005472   -1.218412   -98.971125
0.71831    -9.752850  -126.679637      -1.747891
-0.005472   -0.484926   -68.511743
0.85915    -9.752850  -126.679637      -1.747891
-0.005472   -0.295383   -48.204571
1.00000    -9.752850  -126.679637      -1.747891
-0.005472   -1.168769   -46.184464

COMB    DESIGN -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.43661     11.853157      86.111970       2.086210
 0.007396   2.330351     163.023422
0.57746     11.853157      86.111970       2.086210
 0.007396   1.455161     129.216124
0.71831     11.853157      86.111970       2.086210
 0.007396   0.579855     102.967476
0.85915     11.853157      86.111970       2.086210
 0.007396   0.247043      98.797580
1.00000     11.853157      86.111970       2.086210
 0.007396   0.976937     107.930703

COMB    DESIGN -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.43661    -9.752850  -126.679637      -1.747891
-0.005472   -1.951935  -141.092016
0.57746    -9.752850  -126.679637      -1.747891
-0.005472   -1.218412   -98.971125
0.71831    -9.752850  -126.679637      -1.747891
-0.005472   -0.484926   -68.511743
0.85915    -9.752850  -126.679637      -1.747891
-0.005472   -0.295383   -48.204571
1.00000    -9.752850  -126.679637      -1.747891
-0.005472   -1.168769   -46.184464
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    3803

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      363 ================== LENGTH
=     2.977542

COMB DB-G1-1 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000     2.776382       2.694423       0.684270
0.000147    0.381335      11.916178
0.14085     2.776382       2.694423       0.684270
0.000147    0.094363      19.510685
0.28170     2.776382       2.694423       0.684270
0.000147    0.144891      27.281064
0.42255     2.776382       2.694423       0.684270
0.000147    0.361408      35.092832
0.56340     2.776382       2.694423       0.684270
0.000147    0.577924      42.943441

COMB DB-G1-1 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000    -1.097536   -18.766965      -0.516271
-0.000782   -0.288156   -24.287966
0.14085    -1.097536   -18.766965      -0.516271
-0.000782   -0.071634   -25.263251
0.28170    -1.097536   -18.766965      -0.516271
-0.000782   -0.192708   -26.264470
0.42255    -1.097536   -18.766965      -0.516271
-0.000782   -0.479625   -27.287881
0.56340    -1.097536   -18.766965      -0.516271
-0.000782   -0.766582   -28.361159

COMB DB-G1-2 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000     3.638895      13.352552       1.160287
0.000177    0.646924      18.804409
0.14085     3.638895      13.352552       1.160287
0.000177    0.160360      30.325046
0.28170     3.638895      13.352552       1.160287
0.000177    0.239811      42.999921
0.42255     3.638895      13.352552       1.160287
0.000177    0.598508      56.510845
0.56340     3.638895      13.352552       1.160287
0.000177    0.957190      70.526659

COMB DB-G1-2 -------------------- MIN

REL DIST          P              V2             V3
       T          M2             M3
0.00000    -4.605780   -34.032882      -0.855253
-0.001587   -0.477843   -44.946044
0.14085    -4.605780   -34.032882      -0.855253
-0.001587   -0.119478   -47.326677
0.28170    -4.605780   -34.032882      -0.855253
-0.001587   -0.327051   -50.134539
0.42255    -4.605780   -34.032882      -0.855253
-0.001587   -0.813034   -53.661231
0.56340    -4.605780   -34.032882      -0.855253
-0.001587   -1.299521   -58.204638

COMB DB-G1-3 -------------------- MAX

REL DIST          P              V2             V3
       T          M2             M3
0.00000     3.930330      53.373092       1.371350
 5.92E-06   0.762662      44.697865
0.14085     3.930330      53.373092       1.371350
 5.92E-06   0.187583      47.746120
```

0.28170 3.930330 53.373092 1.371350
5.92E-06 0.260990 57.691879
0.42255 3.930330 53.373092 1.371350
5.92E-06 0.651924 69.240046
0.56340 3.930330 53.373092 1.371350
5.92E-06 1.042822 81.354513

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.304180 -41.427506 -0.932079
-0.001791 -0.520792 -37.150533
0.14085 -7.304180 -41.427506 -0.932079
-0.001791 -0.129832 -36.562247
0.28170 -7.304180 -41.427506 -0.932079
-0.001791 -0.387837 -52.266771

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42255 -7.304180 -41.427506 -0.932079
-0.001791 -0.962909 -72.830712
0.56340 -7.304180 -41.427506 -0.932079
-0.001791 -1.538003 -94.405155

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.889465 89.695995 1.344008
0.003677 0.762253 104.092078
0.14085 6.889465 89.695995 1.344008
0.003677 0.199814 105.049764
0.28170 6.889465 89.695995 1.344008
0.003677 0.252871 111.575250
0.42255 6.889465 89.695995 1.344008
0.003677 0.631753 129.486889
0.56340 6.889465 89.695995 1.344008
0.003677 1.010649 154.532094

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.724788 -71.669406 -0.903452
-0.004653 -0.510604 -35.036812
0.14085 -8.724788 -71.669406 -0.903452
-0.004653 -0.138638 -38.305323
0.28170 -8.724788 -71.669406 -0.903452
-0.004653 -0.377450 -55.386000
0.42255 -8.724788 -71.669406 -0.903452
-0.004653 -0.930628 -76.185332
0.56340 -8.724788 -71.669406 -0.903452
-0.004653 -1.492577 -107.938307

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.756024 20.036978 0.496040
9.06E-06 0.275781 9.646590
0.14085 0.756024 20.036978 0.496040
9.06E-06 0.067717 11.825717
0.28170 0.756024 20.036978 0.496040
9.06E-06 0.093057 15.366568
0.42255 0.756024 20.036978 0.496040
9.06E-06 0.232681 21.125204
0.56340 0.756024 20.036978 0.496040
9.06E-06 0.372271 28.071866

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.390624 -17.184903 -0.332838
-0.000713 -0.186120 -14.737764
0.14085 -4.390624 -17.184903 -0.332838
-0.000713 -0.046471 -18.483278
0.28170 -4.390624 -17.184903 -0.332838
-0.000713 -0.140377 -24.527622
0.42255 -4.390624 -17.184903 -0.332838
-0.000713 -0.348365 -31.818947
0.56340 -4.390624 -17.184903 -0.332838
-0.000713 -0.556369 -39.575850

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.205947 106.430889 0.824010
0.004594 0.147714 105.216941
0.14085 2.205947 106.430889 0.824010
0.004594 0.132612 78.577342
0.28170 2.205947 106.430889 0.824010
0.004594 0.134178 59.265908
0.42255 2.205947 106.430889 0.824010
0.004594 0.335273 55.481645
0.56340 2.205947 106.430889 0.824010
0.004594 0.536355 61.443545

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.006496 -30.150239 -0.479501
-0.005383 -0.275793 -13.064916

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.14085 -9.006496 -30.150239 -0.479501
-0.005383 -0.084198 -11.855652
0.28170 -9.006496 -30.150239 -0.479501
-0.005383 -0.230845 -28.929825
0.42255 -9.006496 -30.150239 -0.479501
-0.005383 -0.562130 -50.767844
0.56340 -9.006496 -30.150239 -0.479501
-0.005383 -0.905390 -87.537005

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 3.612573 98.372015 1.276211
0.004152 0.727294 102.171202
0.14085 3.612573 98.372015 1.276211
0.004152 0.192992 84.462114
0.28170 3.612573 98.372015 1.276211
0.004152 0.232438 73.273290
0.42255 3.612573 98.372015 1.276211
0.004152 0.580422 76.069646
0.56340 3.612573 98.372015 1.276211
0.004152 0.928380 87.653746

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.764730 -42.109433 -0.829712
-0.005480 -0.470511 -31.474075
0.14085 -9.764730 -42.109433 -0.829712
-0.005480 -0.131105 -31.153892
0.28170 -9.764730 -42.109433 -0.829712
-0.005480 -0.358459 -47.774551
0.42255 -9.764730 -42.109433 -0.829712
-0.005480 -0.880716 -68.354592
0.56340 -9.764730 -42.109433 -0.829712
-0.005480 -1.413828 -102.440753

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.328926 90.930753 1.263910
0.003416 0.715129 88.239304
0.14085 7.328926 90.930753 1.263910
0.003416 0.185662 94.944131
0.28170 7.328926 90.930753 1.263910
0.003416 0.237594 107.250029
0.42255 7.328926 90.930753 1.263910
0.003416 0.594081 129.038874
0.56340 7.328926 90.930753 1.263910
0.003416 0.950552 156.699732

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.354600 -77.927404 -0.850005
-0.003878 -0.479977 -32.747172
0.14085 -9.354600 -77.927404 -0.850005
-0.003878 -0.129098 -38.892717
0.28170 -9.354600 -77.927404 -0.850005
-0.003878 -0.355063 -59.268926
0.42255 -9.354600 -77.927404 -0.850005
-0.003878 -0.876635 -83.353688
0.56340 -9.354600 -77.927404 -0.850005
-0.003878 -1.405314 -116.517342

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.481931 32.432875 0.388941
0.001331 0.217802 1.823942
0.14085 5.481931 32.432875 0.388941
0.001331 0.054649 6.712018
0.28170 5.481931 32.432875 0.388941
0.001331 0.087046 23.598030
0.42255 5.481931 32.432875 0.388941
0.001331 0.218351 40.833126
0.56340 5.481931 32.432875 0.388941
0.001331 0.349655 58.121285

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.233152 -41.472300 -0.313086
-1.96E-05 -0.175571 -12.846968
0.14085 -3.233152 -41.472300 -0.313086
-1.96E-05 -0.044270 -25.212796
0.28170 -3.233152 -41.472300 -0.313086
-1.96E-05 -0.108443 -37.916002
0.42255 -3.233152 -41.472300 -0.313086
-1.96E-05 -0.271555 -51.250055
0.56340 -3.233152 -41.472300 -0.313086
-1.96E-05 -0.434668 -64.727627

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.170184 113.155030 0.659507
0.007032 0.392117 101.446577
0.14085 8.170184 113.155030 0.659507
0.007032 0.116703 88.932819
0.28170 8.170184 113.155030 0.659507
0.007032 0.128284 84.614554
0.42255 8.170184 113.155030 0.659507
0.007032 0.321194 98.451913
0.56340 8.170184 113.155030 0.659507
0.007032 0.514086 123.686339

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.411555 -65.468116 -0.459936
-0.005444 -0.266931 -15.486377
0.14085 -7.411555 -65.468116 -0.459936
-0.005444 -0.088569 -29.917502
0.28170 -7.411555 -65.468116 -0.459936
-0.005444 -0.181428 -45.160381
0.42255 -7.411555 -65.468116 -0.459936
-0.005444 -0.440555 -65.719979
0.56340 -7.411555 -65.468116 -0.459936
-0.005444 -0.714337 -104.115663

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.693799 120.231651 0.966409
0.005112 0.554619 100.760953
0.14085 7.693799 120.231651 0.966409
0.005112 0.150139 83.166143
0.28170 7.693799 120.231651 0.966409
0.005112 0.174484 86.238633
0.42255 7.693799 120.231651 0.966409
0.005112 0.437005 102.431141
0.56340 7.693799 120.231651 0.966409
0.005112 0.699512 126.750514

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.867774 -72.391218 -0.625961
-0.004359 -0.357048 -16.612312
0.14085 -9.867774 -72.391218 -0.625961
-0.004359 -0.102469 -27.055492
0.28170 -9.867774 -72.391218 -0.625961
-0.004359 -0.269996 -55.124940
0.42255 -9.867774 -72.391218 -0.625961
-0.004359 -0.663415 -88.788883
0.56340 -9.867774 -72.391218 -0.625961
-0.004359 -1.066761 -130.824525

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.421866 104.001159 1.234714
0.004237 0.701130 78.904592
0.14085 7.421866 104.001159 1.234714
0.004237 0.184000 78.826784
0.28170 7.421866 104.001159 1.234714
0.004237 0.233557 86.699319
0.42255 7.421866 104.001159 1.234714
0.004237 0.584192 105.553285
0.56340 7.421866 104.001159 1.234714
0.004237 0.934828 131.185248

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.413891 -73.041054 -0.836083
-0.004149 -0.473100 -32.161949
0.14085 -10.413891 -73.041054 -0.836083
-0.004149 -0.126991 -41.670703
0.28170 -10.413891 -73.041054 -0.836083
-0.004149 -0.346177 -65.436052
0.42255 -10.413891 -73.041054 -0.836083
-0.004149 -0.854142 -92.864417
0.56340 -10.413891 -73.041054 -0.836083
-0.004149 -1.370343 -130.806204

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.945228 3.688034 0.990853
0.000138 0.551219 16.907368
0.14085 4.945228 3.688034 0.990853
0.000138 0.135258 26.815331
0.28170 4.945228 3.688034 0.990853
0.000138 0.256245 37.033326
0.42255 4.945228 3.688034 0.990853
0.000138 0.641772 47.558828
0.56340 4.945228 3.688034 0.990853
0.000138 1.027506 58.296832

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.116954 -26.581129 -0.918881
-0.000831 -0.512918 -26.362351
0.14085 -1.116954 -26.581129 -0.918881
-0.000831 -0.127533 -26.646535
0.28170 -1.116954 -26.581129 -0.918881
-0.000831 -0.279830 -27.187359
0.42255 -1.116954 -26.581129 -0.918881
-0.000831 -0.695338 -28.065228
0.56340 -1.116954 -26.581129 -0.918881
-0.000831 -1.110900 -29.211017

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.164279 13.142572 1.701146
0.000106 0.945346 24.136920
0.14085 6.164279 13.142572 1.701146
0.000106 0.230935 40.680346
0.28170 6.164279 13.142572 1.701146
0.000106 0.426243 58.571457
0.42255 6.164279 13.142572 1.701146
0.000106 1.070723 77.529300
0.56340 6.164279 13.142572 1.701146
0.000106 1.714828 97.026324

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.232154 -48.077014 -1.535032
-0.001617 -0.858558 -46.190721
0.14085 -4.232154 -48.077014 -1.535032
-0.001617 -0.215067 -46.825559
0.28170 -4.232154 -48.077014 -1.535032
-0.001617 -0.481655 -48.819965
0.42255 -4.232154 -48.077014 -1.535032
-0.001617 -1.194939 -52.441475
0.56340 -4.232154 -48.077014 -1.535032
-0.001617 -1.908303 -57.164446

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.229703 46.760070 2.029300
8.20E-06 1.126040 56.805507
0.14085 6.229703 46.760070 2.029300
8.20E-06 0.273944 64.815518
0.28170 6.229703 46.760070 2.029300
8.20E-06 0.490389 80.631247
0.42255 6.229703 46.760070 2.029300
8.20E-06 1.232041 100.021403
0.56340 6.229703 46.760070 2.029300
8.20E-06 1.973601 120.441213

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.403087 -56.111074 -1.767251
-0.001791 -0.987827 -38.646098
0.14085 -6.403087 -56.111074 -1.767251
-0.001791 -0.246909 -37.683580
0.28170 -6.403087 -56.111074 -1.767251
-0.001791 -0.575083 -49.338774
0.42255 -6.403087 -56.111074 -1.767251
-0.001791 -1.426516 -66.762295
0.56340 -6.403087 -56.111074 -1.767251
-0.001791 -2.277824 -85.172925

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.348765 80.305475 1.980077
0.002895 1.112503 107.974766
0.14085 8.348765 80.305475 1.980077
0.002895 0.281896 114.963515
0.28170 8.348765 80.305475 1.980077
0.002895 0.463965 128.644028
0.42255 8.348765 80.305475 1.980077
0.002895 1.164493 152.697194
0.56340 8.348765 80.305475 1.980077
0.002895 1.865539 183.038616

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.378366 -80.914949 -1.671886
-0.004064 -0.944559 -36.765590
0.14085 -8.378366 -80.914949 -1.671886
-0.004064 -0.457567 -40.679657
0.28170 -8.378366 -80.914949 -1.671886
-0.004064 -0.557733 -55.418713
0.42255 -8.378366 -80.914949 -1.671886
-0.004064 -1.380813 -75.398560
0.56340 -8.378366 -80.914949 -1.671886
-0.004064 -2.208783 -107.072536

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.945076 16.539647 0.744734
5.36E-06 0.412431 10.707707
0.14085 0.945076 16.539647 0.744734
5.36E-06 0.099450 15.911967
0.28170 0.945076 16.539647 0.744734
5.36E-06 0.174027 23.175382
0.42255 0.945076 16.539647 0.744734
5.36E-06 0.438502 31.867722
0.56340 0.945076 16.539647 0.744734
5.36E-06 0.702933 41.064592

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -3.768453 -22.769580 -0.630281
-0.000716 -0.353114 -13.898128
0.14085 -3.768453 -22.769580 -0.630281
-0.000716 -0.088978 -16.240821
0.28170 -3.768453 -22.769580 -0.630281
-0.000716 -0.211721 -20.947389
0.42255 -3.768453 -22.769580 -0.630281
-0.000716 -0.524310 -26.764245
0.56340 -3.768453 -22.769580 -0.630281
-0.000716 -0.836708 -33.148050

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.272421 90.863964 1.197423
0.003897 0.682392 106.047143
0.14085 2.272421 90.863964 1.197423
0.003897 0.180316 85.525028
0.28170 2.272421 90.863964 1.197423
0.003897 0.281740 73.704302
0.42255 2.272421 90.863964 1.197423
0.003897 0.658464 75.800241
0.56340 2.272421 90.863964 1.197423
0.003897 1.055941 86.861725

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.976460 -36.685180 -0.949264
-0.004891 -0.547794 -11.834447
0.14085 -7.976460 -36.685180 -0.949264
-0.004891 -0.152468 -10.747747
0.28170 -7.976460 -36.685180 -0.949264
-0.004891 -0.336705 -24.620782
0.42255 -7.976460 -36.685180 -0.949264
-0.004891 -0.828071 -43.492591
0.56340 -7.976460 -36.685180 -0.949264
-0.004891 -1.326403 -79.516177

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.913258 84.678677 1.856625
0.003527 1.046959 105.680715
0.14085 4.913258 84.678677 1.856625
0.003527 0.267967 95.226193
0.28170 4.913258 84.678677 1.856625
0.003527 0.432316 93.101730
0.42255 4.913258 84.678677 1.856625
0.003527 1.086406 103.629668
0.56340 4.913258 84.678677 1.856625
0.003527 1.741062 122.340422

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.712577 -54.371441 -1.562118
-0.005080 -0.888783 -31.015814
0.14085 -8.712577 -54.371441 -1.562118
-0.005080 -0.235938 -30.297508
0.28170 -8.712577 -54.371441 -1.562118
-0.005080 -0.523517 -43.819525
0.42255 -8.712577 -54.371441 -1.562118
-0.005080 -1.292430 -61.706278
0.56340 -8.712577 -54.371441 -1.562118
-0.005080 -2.067509 -95.158957

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.763778 86.029925 1.875223
0.002850 1.052088 90.500676
0.14085 7.763778 86.029925 1.875223
0.002850 0.265460 100.925205
0.28170 7.763778 86.029925 1.875223
0.002850 0.428033 118.854139
0.42255 7.763778 86.029925 1.875223
0.002850 1.074468 145.291329
0.56340 7.763778 86.029925 1.875223
0.002850 1.721932 176.923728

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.530012 -83.133619 -1.543190
-0.003423 -0.870559 -33.818573
0.14085 -9.530012 -83.133619 -1.543190
-0.003423 -0.225089 -42.297574
0.28170 -9.530012 -83.133619 -1.543190
-0.003423 -0.528135 -63.198512
0.42255 -9.530012 -83.133619 -1.543190
-0.003423 -1.308772 -88.086816
0.56340 -9.530012 -83.133619 -1.543190
-0.003423 -2.093106 -122.615358

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.613645 46.853774 0.577956
0.001412 0.324006 2.005705
0.14085 4.613645 46.853774 0.577956
0.001412 0.081830 4.451941
0.28170 4.613645 46.853774 0.577956
0.001412 0.118450 20.217822
0.42255 4.613645 46.853774 0.577956
0.001412 0.295569 34.612313
0.56340 4.613645 46.853774 0.577956
0.001412 0.473560 49.160603

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.367180 -35.146697 -0.422897
-1.51E-05 -0.234029 -27.839105
0.14085 -5.367180 -35.146697 -0.422897
-1.51E-05 -0.057197 -41.602799
0.28170 -5.367180 -35.146697 -0.422897
-1.51E-05 -0.160548 -60.021254
0.42255 -5.367180 -35.146697 -0.422897
-1.51E-05 -0.402630 -79.338161
0.56340 -5.367180 -35.146697 -0.422897
-1.51E-05 -0.645117 -98.813365

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.953503 125.954658 0.941874
0.007016 0.553276 107.238958
0.14085 6.953503 125.954658 0.941874
0.007016 0.159697 92.502692
0.28170 6.953503 125.954658 0.941874
0.007016 0.186253 84.176410
0.42255 6.953503 125.954658 0.941874
0.007016 0.464154 93.249433
0.56340 6.953503 125.954658 0.941874
0.007016 0.744145 114.363805

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.990086 -56.815118 -0.668934
-0.005689 -0.394813 -26.290558
0.14085 -9.990086 -56.815118 -0.668934
-0.005689 -0.118467 -44.942583
0.28170 -9.990086 -56.815118 -0.668934
-0.005689 -0.258450 -66.961141
0.42255 -9.990086 -56.815118 -0.668934
-0.005689 -0.637316 -93.789616
0.56340 -9.990086 -56.815118 -0.668934
-0.005689 -1.026633 -144.345628

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.619473 126.512652 1.424101
0.005310 0.812247 99.329499
0.14085 6.619473 126.512652 1.424101
0.005310 0.215171 90.460855
0.28170 6.619473 126.512652 1.424101
0.005310 0.297767 92.482744
0.42255 6.619473 126.512652 1.424101
0.005310 0.746857 107.892453
0.56340 6.619473 126.512652 1.424101
0.005310 1.197521 132.376996

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.473253 -67.570128 -1.074710
-0.004655 -0.615796 -25.198204
0.14085 -11.473253 -67.570128 -1.074710
-0.004655 -0.168066 -40.548410

0.28170 -11.473253 -67.570128 -1.074710
-0.004655 -0.397222 -71.317650
0.42255 -11.473253 -67.570128 -1.074710
-0.004655 -0.983267 -105.066627
0.56340 -11.473253 -67.570128 -1.074710
-0.004655 -1.576536 -156.152205

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.211561	109.162071	1.819794
0.004411	1.027955	88.703205	
0.14085	7.211561	109.162071	1.819794
0.004411	0.264811	88.133397	
0.28170	7.211561	109.162071	1.819794
0.004411	0.404310	97.099470	
0.42255	7.211561	109.162071	1.819794
0.004411	1.013735	117.383296	
0.56340	7.211561	109.162071	1.819794
0.004411	1.626407	145.205736	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.585577	-74.478706	-1.458453
-0.004439	-0.828029	-38.873899	
0.14085	-11.585577	-74.478706	-1.458453
-0.004439	-0.783946	-51.783763	
0.28170	-11.585577	-74.478706	-1.458453
-0.004439	-0.510591	-78.063048	
0.42255	-11.585577	-74.478706	-1.458453
-0.004439	-1.264635	-107.494238	
0.56340	-11.585577	-74.478706	-1.458453
-0.004439	-2.024509	-151.487247	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.170184	120.231651	1.371350
0.007032	0.762662	105.216941	
0.14085	8.170184	120.231651	1.371350
0.007032	0.199814	105.049764	
0.28170	8.170184	120.231651	1.371350
0.007032	0.260990	111.575250	
0.42255	8.170184	120.231651	1.371350
0.007032	0.651924	129.486889	
0.56340	8.170184	120.231651	1.371350
0.007032	1.042822	156.699732	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.413891	-77.927404	-0.932079
-0.005480	-0.520792	-44.946044	
0.14085	-10.413891	-77.927404	-0.932079
-0.005480	-0.138638	-47.326677	
0.28170	-10.413891	-77.927404	-0.932079
-0.005480	-0.387837	-65.436052	
0.42255	-10.413891	-77.927404	-0.932079
-0.005480	-0.636417	-96.064417	
0.56340	-10.413891	-77.927404	-0.932079
-0.005480	-1.538003	-130.824525	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.348765	126.512652	2.029300
0.007016	1.126040	107.974766	
0.14085	8.348765	126.512652	2.029300
0.007016	0.281896	114.963515	
0.28170	8.348765	126.512652	2.029300
0.007016	0.490389	128.644028	
0.42255	8.348765	126.512652	2.029300
0.007016	1.232041	152.697194	
0.56340	8.348765	126.512652	2.029300
0.007016	1.973601	183.038616	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.585577	-83.133619	-1.767251
-0.005689	-0.987827	-46.190721	
0.14085	-11.585577	-83.133619	-1.767251
-0.005689	-0.246909	-51.783763	
0.28170	-11.585577	-83.133619	-1.767251
-0.005689	-0.575083	-78.063048	
0.42255	-11.585577	-83.133619	-1.767251
-0.005689	-1.426516	-107.494238	
0.56340	-11.585577	-83.133619	-1.767251
-0.005689	-2.277824	-156.152205	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.348765	126.512652	2.029300
0.007032	1.126040	107.974766	
0.14085	8.348765	126.512652	2.029300
0.007032	0.281896	114.963515	
0.28170	8.348765	126.512652	2.029300
0.007032	0.490389	128.644028	
0.42255	8.348765	126.512652	2.029300
0.007032	1.232041	152.697194	
0.56340	8.348765	126.512652	2.029300
0.007032	1.973601	183.038616	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.585577	-83.133619	-1.767251
-0.005689	-0.987827	-46.190721	
0.14085	-11.585577	-83.133619	-1.767251
-0.005689	-0.246909	-51.783763	
0.28170	-11.585577	-83.133619	-1.767251
-0.005689	-0.575083	-78.063048	
0.42255	-11.585577	-83.133619	-1.767251
-0.005689	-1.426516	-107.494238	
0.56340	-11.585577	-83.133619	-1.767251
-0.005689	-2.277824	-156.152205	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.348765	126.512652	2.029300
0.007032	1.126040	107.974766	
0.14085	8.348765	126.512652	2.029300
0.007032	0.281896	114.963515	
0.28170	8.348765	126.512652	2.029300
0.007032	0.490389	128.644028	
0.42255	8.348765	126.512652	2.029300
0.007032	1.232041	152.697194	
0.56340	8.348765	126.512652	2.029300
0.007032	1.973601	183.038616	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.585577	-83.133619	-1.767251
-0.005689	-0.987827	-46.190721	
0.14085	-11.585577	-83.133619	-1.767251
-0.005689	-0.246909	-51.783763	
0.28170	-11.585577	-83.133619	-1.767251
-0.005689	-0.575083	-78.063048	
0.42255	-11.585577	-83.133619	-1.767251
-0.005689	-1.426516	-107.494238	
0.56340	-11.585577	-83.133619	-1.767251
-0.005689	-2.277824	-156.152205	

ELEM 364 ========== LENGTH = 2.977553

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	2.775048	2.146702	0.702509
0.000555	0.759180	3.219654	
0.57745	2.775048	2.146702	0.702509
0.000555	0.464563	3.005329	
0.71830	2.775048	2.146702	0.702509
0.000555	0.169957	2.990134	
0.85915	2.775048	2.146702	0.702509
0.000555	0.096788	3.917006	
1.00000	2.775048	2.146702	0.702509
0.000555	0.323367	9.136273	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.867981	-22.880132	-0.540264
-0.000963	-0.582955	-29.755544	
0.57745	-0.867981	-22.880132	-0.540264
-0.000963	-0.356375	-20.164018	
0.71830	-0.867981	-22.880132	-0.540264
-0.000963	-0.129794	-11.902252	
0.85915	-0.867981	-22.880132	-0.540264
-0.000963	-0.124632	-9.972968	
1.00000	-0.867981	-22.880132	-0.540264
-0.000963	-0.419322	-9.101037	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	6.452300	3.485747	1.195850
0.000904	1.291625	4.828757	
0.57745	6.452300	3.485747	1.195850
0.000904	0.790266	3.507028	
0.71830	6.452300	3.485747	1.195850
0.000904	0.288922	2.362305	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

REL DIST	P	V2	V3
T	M2	M3	
0.85915	6.452300	3.485747	1.195850
0.000904	0.160013	3.689618	
1.00000	6.452300	3.485747	1.195850
0.000904	0.534539	15.139160	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.572171	-46.069669	-0.893551
-0.001815	-0.964449	-73.211448	
0.57745	-0.572171	-46.069669	-0.893551
-0.001815	-0.589708	-54.758532	
0.71830	-0.572171	-46.069669	-0.893551
-0.001815	-0.214949	-37.827122	
0.85915	-0.572171	-46.069669	-0.893551
-0.001815	-0.213073	-31.875266	
1.00000	-0.572171	-46.069669	-0.893551
-0.001815	-0.714681	-26.574116	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.087529	19.020488	1.418119
0.000669	1.532495	43.515789	
0.57745	7.087529	19.020488	1.418119
0.000669	0.937757	35.581371	
0.71830	7.087529	19.020488	1.418119
0.000669	0.342951	27.954808	
0.85915	7.087529	19.020488	1.418119
0.000669	0.185154	22.317889	
1.00000	7.087529	19.020488	1.418119
0.000669	0.622450	28.090334	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.717193	-57.900198	-1.042567
-0.001586	-1.126557	-88.431497	
0.57745	-1.717193	-57.900198	-1.042567
-0.001586	-0.689271	-64.789744	
0.71830	-1.717193	-57.900198	-1.042567
-0.001586	-0.251954	-42.047463	
0.85915	-1.717193	-57.900198	-1.042567
-0.001586	-0.251620	-28.656032	
1.00000	-1.717193	-57.900198	-1.042567
-0.001586	-0.846492	-17.905266	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.151938	28.760851	1.385082
0.003789	1.487476	57.471597	
0.57745	9.151938	28.760851	1.385082
0.003789	0.910228	46.255260	
0.71830	9.151938	28.760851	1.385082
0.003789	0.332938	38.864370	
0.85915	9.151938	28.760851	1.385082
0.003789	0.129640	49.350908	
1.00000	9.151938	28.760851	1.385082
0.003789	0.639639	78.825486	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-3.430961	-112.918922	-1.070189
-0.003684	-1.155664	-126.664009	
0.57745	-3.430961	-112.918922	-1.070189
-0.003684	-0.706840	-79.970923	
0.71830	-3.430961	-112.918922	-1.070189
-0.003684	-0.257921	-42.014456	
0.85915	-3.430961	-112.918922	-1.070189
-0.003684	-0.259041	-24.093122	
1.00000	-3.430961	-112.918922	-1.070189
-0.003684	-0.839751	-18.054445	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	3.913656	2.414263	0.515213
0.000112	0.556575	3.876990	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

REL DIST	P	V2	V3
T	M2	M3	
0.57745	3.913656	2.414263	0.515213
0.000112	0.340499	3.266783	
0.71830	3.913656	2.414263	0.515213
0.000112	0.124375	2.671925	
0.85915	3.913656	2.414263	0.515213
0.000112	0.061138	2.602897	
1.00000	3.913656	2.414263	0.515213
0.000112	0.205421	6.398445	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.134195	-25.215629	-0.343927
-0.000708	-0.371564	-47.661271	
0.57745	-0.134195	-25.215629	-0.343927
-0.000708	-0.227336	-37.813572	
0.71830	-0.134195	-25.215629	-0.343927
-0.000708	-0.083062	-28.401845	
0.85915	-0.134195	-25.215629	-0.343927
-0.000708	-0.091584	-22.080767	
1.00000	-0.134195	-25.215629	-0.343927
-0.000708	-0.307723	-17.077558	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.331485	22.079659	0.838680
0.003880	0.893936	52.060175	
0.57745	7.331485	22.079659	0.838680
0.003880	0.547187	43.690689	
0.71830	7.331485	22.079659	0.838680
0.003880	0.200380	40.203703	
0.85915	7.331485	22.079659	0.838680
0.003880	0.114588	56.894323	
1.00000	7.331485	22.079659	0.838680
0.003880	0.364483	78.749649	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.033787	-92.775228	-0.611755
-0.003568	-0.661769	-98.330496	
0.57745	-2.033787	-92.775228	-0.611755
-0.003568	-0.405206	-60.831540	
0.71830	-2.033787	-92.775228	-0.611755
-0.003568	-0.148539	-33.205975	
0.85915	-2.033787	-92.775228	-0.611755
-0.003568	-0.166597	-19.670327	
1.00000	-2.033787	-92.775228	-0.611755
-0.003568	-0.518017	-9.070192	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.191875	21.236840	1.306434
0.003900	1.400516	48.508149	
0.57745	9.191875	21.236840	1.306434
0.003900	0.857117	40.450098	
0.71830	9.191875	21.236840	1.306434
0.003900	0.313648	36.852184	
0.85915	9.191875	21.236840	1.306434
0.003900	0.177419	51.429119	
1.00000	9.191875	21.236840	1.306434
0.003900	0.576372	76.988393	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.938381	-102.615296	-0.965639
-0.003971	-1.043539	-113.853957	
0.57745	-1.938381	-102.615296	-0.965639
-0.003971	-0.638561	-71.568058	
0.71830	-1.938381	-102.615296	-0.965639
-0.003971	-0.233489	-40.418191	
0.85915	-1.938381	-102.615296	-0.965639
-0.003971	-0.247958	-27.324382	
1.00000	-1.938381	-102.615296	-0.965639
-0.003971	-0.795636	-16.849963	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.612010	39.104744	1.313756
0.003426	1.411857	71.634958	
0.57745	8.612010	39.104744	1.313756
0.003426	0.863839	55.944230	
0.71830	8.612010	39.104744	1.313756
0.003426	0.315719	43.444752	
0.85915	8.612010	39.104744	1.313756
0.003426	0.182529	44.749560	
1.00000	8.612010	39.104744	1.313756
0.003426	0.598337	66.489967	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-4.509974	-102.329412	-1.000812
-0.003168	-1.080591	-121.311040	
0.57745	-4.509974	-102.329412	-1.000812
-0.003168	-0.660862	-79.008477	
0.71830	-4.509974	-102.329412	-1.000812
-0.003168	-0.241005	-44.410719	
0.85915	-4.509974	-102.329412	-1.000812
-0.003168	-0.244126	-23.392018	
1.00000	-4.509974	-102.329412	-1.000812
-0.003168	-0.795016	-20.045674	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.165127	44.551133	0.425599
0.001195	0.459289	63.208546	
0.57745	1.165127	44.551133	0.425599
0.001195	0.280804	44.568500	
0.71830	1.165127	44.551133	0.425599
0.001195	0.102315	26.057751	
0.85915	1.165127	44.551133	0.425599
0.001195	0.076799	8.053218	
1.00000	1.165127	44.551133	0.425599
0.001195	0.209671	1.623337	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.280629	-7.216939	-0.350220
-0.000494	-0.377842	-20.418193	
0.57745	-5.280629	-7.216939	-0.350220
-0.000494	-0.230964	-17.550034	
0.71830	-5.280629	-7.216939	-0.350220
-0.000494	-0.084084	-14.850693	
0.85915	-5.280629	-7.216939	-0.350220
-0.000494	-0.076183	-12.307318	
1.00000	-5.280629	-7.216939	-0.350220
-0.000494	-0.254683	-13.404186	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.340978	61.136804	0.686875
0.005987	0.726576	102.954592	
0.57745	5.340978	61.136804	0.686875
0.005987	0.444580	78.427309	
0.71830	5.340978	61.136804	0.686875
0.005987	0.162580	59.390592	
0.85915	5.340978	61.136804	0.686875
0.005987	0.111452	65.275721	
1.00000	5.340978	61.136804	0.686875
0.005987	0.345364	81.889341	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.341819	-90.361198	-0.577170
-0.004177	-0.622869	-81.214839	
0.57745	-7.341819	-90.361198	-0.577170
-0.004177	-0.380811	-43.771681	
0.71830	-7.341819	-90.361198	-0.577170
-0.004177	-0.138710	-19.515968	
0.85915	-7.341819	-90.361198	-0.577170
-0.004177	-0.144154	-10.883820	
1.00000	-7.341819	-90.361198	-0.577170
-0.004177	-0.431812	-14.754786	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	6.710033	61.134420	1.011902
0.004397	1.082597	104.191991	
0.57745	6.710033	61.134420	1.011902
0.004397	0.662382	79.513283	
0.71830	6.710033	61.134420	1.011902
0.004397	0.242049	59.109481	
0.85915	6.710033	61.134420	1.011902
0.004397	0.142501	56.478570	
1.00000	6.710033	61.134420	1.011902
0.004397	0.460764	66.480976	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-6.932256	-89.335092	-0.772158
-0.003292	-0.834572	-100.865580	
0.57745	-6.932256	-89.335092	-0.772158
-0.003292	-0.510738	-63.835509	
0.71830	-6.932256	-89.335092	-0.772158
-0.003292	-0.186811	-35.846990	
0.85915	-6.932256	-89.335092	-0.772158
-0.003292	-0.194965	-18.652360	
1.00000	-6.932256	-89.335092	-0.772158
-0.003292	-0.619121	-14.116650	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.255319	52.229418	1.288069
0.003922	1.382751	89.086313	
0.57745	8.255319	52.229418	1.288069
0.003922	0.845994	67.871937	
0.71830	8.255319	52.229418	1.288069
0.003922	0.309112	50.238321	
0.85915	8.255319	52.229418	1.288069
0.003922	0.177414	47.343041	
1.00000	8.255319	52.229418	1.288069
0.003922	0.580449	59.260792	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.885014	-91.160045	-0.971935
-0.003363	-1.050024	-112.190935	
0.57745	-5.885014	-91.160045	-0.971935
-0.003363	-0.642402	-74.703648	
0.71830	-5.885014	-91.160045	-0.971935
-0.003363	-0.234707	-46.131063	
0.85915	-5.885014	-91.160045	-0.971935
-0.003363	-0.241464	-29.453534	
1.00000	-5.885014	-91.160045	-0.971935
-0.003363	-0.781525	-23.416943	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.668034	3.127833	1.042769
0.000574	1.156570	29.330331	
0.57745	4.668034	3.127833	1.042769
0.000574	0.689275	4.363571	
0.71830	4.668034	3.127833	1.042769
0.000574	0.251848	3.601526	
0.85915	4.668034	3.127833	1.042769
0.000574	0.198781	3.580103	
1.00000	4.668034	3.127833	1.042769
0.000574	0.635075	13.190747	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.777645	-35.648937	-1.064166
-0.001014	-1.149118	-51.677973	
0.57745	-0.777645	-35.648937	-1.064166
-0.001014	-0.702585	-36.875442	
0.71830	-0.777645	-35.648937	-1.064166
-0.001014	-0.256064	-22.461509	
0.85915	-0.777645	-35.648937	-1.064166
-0.001014	-0.185047	-11.396660	
1.00000	-0.777645	-35.648937	-1.064166
-0.001014	-0.622663	-8.628356	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.866628	4.341681	1.821549
0.000847	1.966359	6.082710	
0.57745	10.866628	4.341681	1.821549
0.000847	1.202464	4.377472	
0.71830	10.866628	4.341681	1.821549
0.000847	0.438434	3.333175	
0.85915	10.866628	4.341681	1.821549
0.000847	0.312347	3.477729	
1.00000	10.866628	4.341681	1.821549
0.000847	1.052592	19.750953	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.671667	-74.055434	-1.766106
-0.001869	-1.908094	-124.541036	
0.57745	-0.671667	-74.055434	-1.766106
-0.001869	-1.167122	-93.915996	
0.71830	-0.671667	-74.055434	-1.766106
-0.001869	-0.426223	-63.866504	
0.85915	-0.671667	-74.055434	-1.766106
-0.001869	-0.324794	-37.970721	
1.00000	-0.671667	-74.055434	-1.766106
-0.001869	-1.089282	-25.059088	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.502159	17.466216	2.173674
0.000676	2.347384	38.607307	
0.57745	11.502159	17.466216	2.173674
0.000676	1.435536	31.838461	
0.71830	11.502159	17.466216	2.173674
0.000676	0.523517	26.824194	
0.85915	11.502159	17.466216	2.173674
0.000676	0.369237	23.850322	
1.00000	11.502159	17.466216	2.173674
0.000676	1.247510	39.207172	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.712163	-89.438468	-2.095506
-0.001650	-2.264650	-135.510385	
0.57745	-1.712163	-89.438468	-2.095506
-0.001650	-1.385187	-98.713074	
0.71830	-1.712163	-89.438468	-2.095506
-0.001650	-0.505096	-63.630326	
0.85915	-1.712163	-89.438468	-2.095506
-0.001650	-0.386068	-33.193790	
1.00000	-1.712163	-89.438468	-2.095506
-0.001650	-1.298581	-17.758841	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.294090	33.471627	2.108462

0.003325 2.269877 65.068361
0.57745 12.294090 33.471627 2.108462
0.003325 1.387732 52.114156
0.71830 12.294090 33.471627 2.108462
0.003325 0.506396 44.224765
0.85915 12.294090 33.471627 2.108462
0.003325 0.370103 51.364652
1.00000 12.294090 33.471627 2.108462
0.003325 1.229654 82.601342

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-4.484716	-129.604564	-2.060870
-0.003118	-2.224850	-159.212555	
0.57745	-4.484716	-129.604564	-2.060870
-0.003118	-1.359679	-105.957951	
0.71830	-4.484716	-129.604564	-2.060870
-0.003118	-0.496561	-59.550266	
0.85915	-4.484716	-129.604564	-2.060870
-0.003118	-0.385325	-27.887224	
1.00000	-4.484716	-129.604564	-2.060870
-0.003118	-1.269792	-18.108669	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	6.285116	2.632392	0.817822
8.64E-05	0.882289	3.660200	
0.57745	6.285116	2.632392	0.817822
8.64E-05	0.539153	2.618816	
0.71830	6.285116	2.632392	0.817822
8.64E-05	0.195903	1.661212	
0.85915	6.285116	2.632392	0.817822
8.64E-05	0.122233	2.183652	
1.00000	6.285116	2.632392	0.817822
8.64E-05	0.431880	8.339268	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.129389	-40.586654	-0.726762
-0.000649	-0.786031	-72.996683	
0.57745	-0.129389	-40.586654	-0.726762
-0.000649	-0.481027	-56.303060	
0.71830	-0.129389	-40.586654	-0.726762
-0.000649	-0.176360	-39.859000	
0.85915	-0.129389	-40.586654	-0.726762
-0.000649	-0.145894	-25.527728	
1.00000	-0.129389	-40.586654	-0.726762
-0.000649	-0.489383	-15.499053	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.419958	19.560390	1.287207
0.003527	1.377842	45.484053	
0.57745	9.419958	19.560390	1.287207
0.003527	0.841260	36.662276	
0.71830	9.419958	19.560390	1.287207
0.003527	0.305615	38.034392	
0.85915	9.419958	19.560390	1.287207
0.003527	0.218330	56.223268	
1.00000	9.419958	19.560390	1.287207
0.003527	0.712387	82.409812	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.110188	-105.815773	-1.193248
-0.002889	-1.288312	-117.583620	
0.57745	-2.110188	-105.815773	-1.193248
-0.002889	-0.787335	-74.434765	
0.71830	-2.110188	-105.815773	-1.193248
-0.002889	-0.288528	-40.636368	
0.85915	-2.110188	-105.815773	-1.193248
-0.002889	-0.246314	-21.326824	
1.00000	-2.110188	-105.815773	-1.193248
-0.002889	-0.786310	-8.489985	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.150741	19.341697	1.989753
0.003586	2.157587	43.272918	
0.57745	13.150741	19.341697	1.989753
0.003586	1.306040	36.384269	
0.71830	13.150741	19.341697	1.989753
0.003586	0.475308	35.047020	
0.85915	13.150741	19.341697	1.989753
0.003586	0.339974	50.892441	
1.00000	13.150741	19.341697	1.989753
0.003586	1.124588	82.016513	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.035116	-126.906271	-1.885079
-0.003411	-2.035952	-154.781003	
0.57745	-2.035116	-126.906271	-1.885079
-0.003411	-1.244748	-102.635316	
0.71830	-2.035116	-126.906271	-1.885079
-0.003411	-0.455451	-59.472034	
0.85915	-2.035116	-126.906271	-1.885079
-0.003411	-0.369709	-31.752092	
1.00000	-2.035116	-126.906271	-1.885079
-0.003411	-1.204593	-15.673955	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.680420	50.415889	2.005395
0.003082	2.160323	86.362846	
0.57745	11.680420	50.415889	2.005395
0.003082	1.320958	86.285365	
0.71830	11.680420	50.415889	2.005395
0.003082	0.482194	50.089005	
0.85915	11.680420	50.415889	2.005395
0.003082	0.344972	45.753650	
1.00000	11.680420	50.415889	2.005395
0.003082	1.148298	68.380358	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-6.351665	-118.283317	-1.924570
-0.002693	-2.077560	-150.573105	
0.57745	-6.351665	-118.283317	-1.924570
-0.002693	-1.269425	-101.818720	
0.71830	-6.351665	-118.283317	-1.924570
-0.002693	-0.463420	-59.020031	
0.85915	-6.351665	-118.283317	-1.924570
-0.002693	-0.364572	-27.171753	
1.00000	-6.351665	-118.283317	-1.924570
-0.002693	-1.205865	-21.208123	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.162694	74.247972	0.607785
0.001273	0.658932	99.606368	
0.57745	1.162694	74.247972	0.607785
0.001273	0.403949	68.676042	
0.71830	1.162694	74.247972	0.607785
0.001273	0.149387	37.897981	
0.85915	1.162694	74.247972	0.607785
0.001273	0.107878	8.341106	
1.00000	1.162694	74.247972	0.607785
0.001273	0.359531	1.945752	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.774845	-8.388344	-0.601074
-0.000493	-0.647039	-19.315436	
0.57745	-8.774845	-8.388344	-0.601074
-0.000493	-0.394280	-15.958259	
0.71830	-8.774845	-8.388344	-0.601074
-0.000493	-0.142499	-12.753014	
0.85915	-8.774845	-8.388344	-0.601074
-0.000493	-0.105648	-10.539998	
1.00000	-8.774845	-8.388344	-0.601074
-0.000493	-0.360293	-28.959871	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	5.432295	90.811369	0.977942
0.006351	1.042233	140.124716	
0.57745	5.432295	90.811369	0.977942
0.006351	0.636783	103.512540	
0.71830	5.432295	90.811369	0.977942
0.006351	0.233869	74.045864	
0.85915	5.432295	90.811369	0.977942
0.006351	0.187953	69.776879	
1.00000	5.432295	90.811369	0.977942
0.006351	0.588955	90.189356	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.250302	-92.838569	-0.978137
-0.003878	-1.051099	-80.277985	
0.57745	-11.250302	-92.838569	-0.978137
-0.003878	-0.639910	-42.650281	
0.71830	-11.250302	-92.838569	-0.978137
-0.003878	-0.232410	-16.479401	
0.85915	-11.250302	-92.838569	-0.978137
-0.003878	-0.196149	-9.429873	
1.00000	-11.250302	-92.838569	-0.978137
-0.003878	-0.605219	-27.376224	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.075990	85.499731	1.510469
0.004835	1.621478	131.810264	
0.57745	8.075990	85.499731	1.510469
0.004835	0.991296	97.208085	
0.71830	8.075990	85.499731	1.510469
0.004835	0.362719	68.623951	
0.85915	8.075990	85.499731	1.510469
0.004835	0.234987	60.458190	
1.00000	8.075990	85.499731	1.510469
0.004835	0.864579	78.194018	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.338606	-102.252093	-1.445543
-0.003154	-1.558195	-108.605358	
0.57745	-10.338606	-102.252093	-1.445543
-0.003154	-0.950818	-66.758689	
0.71830	-10.338606	-102.252093	-1.445543
-0.003154	-0.346251	-34.139318	
0.85915	-10.338606	-102.252093	-1.445543
-0.003154	-0.283743	-16.994894	
1.00000	-10.338606	-102.252093	-1.445543
-0.003154	-0.916945	-25.427840	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	11.566158	72.685013	1.945323
0.004275	2.092297	112.065418	
0.57745	11.566158	72.685013	1.945323
0.004275	1.279143	82.647588	
0.71830	11.566158	72.685013	1.945323
0.004275	0.467086	58.252138	
0.85915	11.566158	72.685013	1.945323
0.004275	0.334060	50.677092	
1.00000	11.566158	72.685013	1.945323
0.004275	1.102493	70.209952	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.728933	-114.739869	-1.846194
-0.003275	-1.992087	-143.203736	
0.57745	-8.728933	-114.739869	-1.846194
-0.003275	-1.216663	-96.056737	
0.71830	-8.728933	-114.739869	-1.846194
-0.003275	-0.443842	-57.234576	
0.85915	-8.728933	-114.739869	-1.846194
-0.003275	-0.358960	-31.987020	
1.00000	-8.728933	-114.739869	-1.846194
-0.003275	-1.174887	-31.953346	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.191875	61.136804	1.418119
0.005987	1.532495	91.191991	
0.57745	9.191875	61.136804	1.418119
0.005987	0.937757	79.513283	
0.71830	9.191875	61.136804	1.418119
0.005987	0.342951	59.390592	
0.85915	9.191875	61.136804	1.418119
0.005987	0.195640	65.275721	
1.00000	9.191875	61.136804	1.418119
0.005987	0.639639	81.889341	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.341819	-112.918922	-1.070189
-0.004177	-1.155664	-126.664009	
0.57745	-7.341819	-112.918922	-1.070189
-0.004177	-0.706840	-79.970923	
0.71830	-7.341819	-112.918922	-1.070189
-0.004177	-0.257921	-46.131063	
0.85915	-7.341819	-112.918922	-1.070189
-0.004177	-0.219041	-31.867266	
1.00000	-7.341819	-112.918922	-1.070189
-0.004177	-0.846492	-26.574116	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.150741	90.811369	2.173674
0.006351	2.347384	140.124716	
0.57745	13.150741	90.811369	2.173674
0.006351	1.435536	103.512540	
0.71830	13.150741	90.811369	2.173674
0.006351	0.523517	74.045864	
0.85915	13.150741	90.811369	2.173674
0.006351	0.370103	69.776879	
1.00000	13.150741	90.811369	2.173674
0.006351	1.247510	90.189356	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.250302	-129.604564	-2.095506
-0.003878	-2.264650	-159.212555	
0.57745	-11.250302	-129.604564	-2.095506
-0.003878	-1.385187	-105.957951	
0.71830	-11.250302	-129.604564	-2.095506
-0.003878	-0.506096	-63.866504	
0.85915	-11.250302	-129.604564	-2.095506
-0.003878	-0.386068	-37.970721	
1.00000	-11.250302	-129.604564	-2.095506
-0.003878	-1.298581	-31.953346	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.150741	90.811369	2.173674
0.006351	2.347384	140.124716	
0.57745	13.150741	90.811369	2.173674
0.006351	1.435536	103.512540	
0.71830	13.150741	90.811369	2.173674
0.006351	0.523517	74.045864	
0.85915	13.150741	90.811369	2.173674
0.006351	0.370103	69.776879	
1.00000	13.150741	90.811369	2.173674
0.006351	1.247510	90.189356	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.250302	-129.604564	-2.095506
-0.004177	-2.264650	-159.212555	
0.57745	-11.250302	-129.604564	-2.095506
-0.004177	-1.385187	-105.957951	
0.71830	-11.250302	-129.604564	-2.095506
-0.004177	-0.506096	-63.866504	
0.85915	-11.250302	-129.604564	-2.095506
-0.004177	-0.386068	-37.970721	
1.00000	-11.250302	-129.604564	-2.095506
-0.004177	-1.298581	-31.953346	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.150741	90.811369	2.173674
0.006351	2.347384	140.124716	
0.57745	13.150741	90.811369	2.173674
0.006351	1.435536	103.512540	
0.71830	13.150741	90.811369	2.173674
0.006351	0.523517	74.045864	
0.85915	13.150741	90.811369	2.173674
0.006351	0.370103	69.776879	
1.00000	13.150741	90.811369	2.173674
0.006351	1.247510	90.189356	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.250302	-129.604564	-2.095506
-0.004177	-2.264650	-159.212555	
0.57745	-11.250302	-129.604564	-2.095506
-0.004177	-1.385187	-105.957951	
0.71830	-11.250302	-129.604564	-2.095506
-0.004177	-0.506096	-63.866504	
0.85915	-11.250302	-129.604564	-2.095506
-0.004177	-0.386068	-37.970721	
1.00000	-11.250302	-129.604564	-2.095506
-0.004177	-1.298581	-31.953346	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 365 ========== LENGTH = 2.976557

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.688723	2.179812	0.712622
0.000431	0.425158	9.143374	
0.14081	2.688723	2.179812	0.712622
0.000431	0.126472	18.624739	
0.28163	2.688723	2.179812	0.712622
0.000431	0.130599	28.147524	
0.42244	2.688723	2.179812	0.712622
0.000431	0.355455	37.699274	
0.56325	2.688723	2.179812	0.712622
0.000431	0.580310	47.263790	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.842454	-22.844368	-0.536469
-0.000732	-0.319112	-9.101804	
0.14081	-0.842454	-22.844368	-0.536469
-0.000732	-0.094256	-8.489159	
0.28163	-0.842454	-22.844368	-0.536469
-0.000732	-0.172238	-8.160029	
0.42244	-0.842454	-22.844368	-0.536469
-0.000732	-0.470917	-8.026876	
0.56325	-0.842454	-22.844368	-0.536469
-0.000732	-0.769596	-8.102288	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.210303	4.921885	1.196639
0.000779	0.713138	15.158929	
0.14081	6.210303	4.921885	1.196639
0.000779	0.211579	31.362972	
0.28163	6.210303	4.921885	1.196639
0.000779	0.216196	48.515714	
0.42244	6.210303	4.921885	1.196639
0.000779	0.588819	66.470151	
0.56325	6.210303	4.921885	1.196639
0.000779	0.961425	84.792219	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.669454	-44.175787	-0.888987
-0.001433	-0.529021	-26.573489	
0.14081	-0.669454	-44.175787	-0.888987
-0.001433	-0.156527	-21.956811	
0.28163	-0.669454	-44.175787	-0.888987
-0.001433	-0.290549	-18.209076	
0.42244	-0.669454	-44.175787	-0.888987
-0.001433	-0.791833	-15.435469	
0.56325	-0.669454	-44.175787	-0.888987
-0.001433	-1.293127	-14.442794	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.908696	18.762814	1.408026
0.000546	0.836946	28.105708	
0.14081	6.908696	18.762814	1.408026
0.000546	0.246744	43.620818	
0.28163	6.908696	18.762814	1.408026
0.000546	0.255526	61.490500	
0.42244	6.908696	18.762814	1.408026
0.000546	0.697608	85.439228	
0.56325	6.908696	18.762814	1.408026
0.000546	1.139595	109.506346	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.655375	-57.753098	-1.054553
-0.001668	-0.628445	-17.903680	
0.14081	-1.655375	-57.753098	-1.054553
-0.001668	-0.186329	-15.725104	
0.28163	-1.655375	-57.753098	-1.054553
-0.001668	-0.343426	-17.805374	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42244	-1.655375	-57.753098	-1.054553
-0.001668	-0.933534	-22.240585	
0.56325	-1.655375	-57.753098	-1.054553
-0.001668	-1.523685	-27.667091	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.146299	57.393938	1.382277
0.002931	0.835245	78.949920	
0.14081	7.146299	57.393938	1.382277
0.002931	0.256373	89.174080	
0.28163	7.146299	57.393938	1.382277
0.002931	0.260244	101.413740	
0.42244	7.146299	57.393938	1.382277
0.002931	0.708830	129.835856	
0.56325	7.146299	57.393938	1.382277
0.002931	1.157294	162.592295	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.160573	-78.947760	-1.070023
-0.004273	-0.636707	-18.044270	
0.14081	-5.160573	-78.947760	-1.070023
-0.004273	-0.191071	-20.815772	
0.28163	-5.160573	-78.947760	-1.070023
-0.004273	-0.334145	-27.239138	
0.42244	-5.160573	-78.947760	-1.070023
-0.004273	-0.908430	-35.917435	
0.56325	-5.160573	-78.947760	-1.070023
-0.004273	-1.482778	-55.607915	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.845826	2.381486	0.500965
0.000112	0.296878	6.405133	
0.14081	3.845826	2.381486	0.500965
0.000112	0.086873	12.639365	
0.28163	3.845826	2.381486	0.500965
0.000112	0.084708	22.061181	
0.42244	3.845826	2.381486	0.500965
0.000112	0.232493	32.173774	
0.56325	3.845826	2.381486	0.500965
0.000112	0.380234	42.480497	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.155938	-25.009835	-0.352505
-0.000645	-0.210761	-17.076886	
0.14081	-0.155938	-25.009835	-0.352505
-0.000645	-0.063000	-12.983935	
0.28163	-0.155938	-25.009835	-0.352505
-0.000645	-0.123088	-10.620765	
0.42244	-0.155938	-25.009835	-0.352505
-0.000645	-0.333056	-9.130540	
0.56325	-0.155938	-25.009835	-0.352505
-0.000645	-0.543021	-8.432154	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.651390	61.290608	0.826979
0.003114	0.508415	78.914489	
0.14081	4.651390	61.290608	0.826979
0.003114	0.162478	67.109289	
0.28163	4.651390	61.290608	0.826979
0.003114	0.151408	58.000301	
0.42244	4.651390	61.290608	0.826979
0.003114	0.413972	70.813001	
0.56325	4.651390	61.290608	0.826979
0.003114	0.676405	89.550016	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.395879	-45.788004	-0.626162
-0.004767	-0.373454	-9.064179	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14081	-4.395879	-45.788004	-0.626162
-0.004767	-0.114934	-8.130280	
0.28163	-4.395879	-45.788004	-0.626162
-0.004767	-0.199410	-11.734903	
0.42244	-4.395879	-45.788004	-0.626162
-0.004767	-0.539077	-18.132901	
0.56325	-4.395879	-45.788004	-0.626162
-0.004767	-0.878825	-39.464474	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.703566	56.668141	1.297780
0.003131	0.787323	77.143947	
0.14081	6.703566	56.668141	1.297780
0.003131	0.244000	74.294610	
0.28163	6.703566	56.668141	1.297780
0.003131	0.236179	73.198342	
0.42244	6.703566	56.668141	1.297780
0.003131	0.646111	93.426134	
0.56325	6.703566	56.668141	1.297780
0.003131	1.055385	118.208724	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.142202	-60.137644	-0.976496
-0.004877	-0.581825	-16.845406	
0.14081	-4.142202	-60.137644	-0.976496
-0.004877	-0.176020	-15.214273	
0.28163	-4.142202	-60.137644	-0.976496
-0.004877	-0.313754	-17.637010	
0.42244	-4.142202	-60.137644	-0.976496
-0.004877	-0.851427	-22.413265	
0.56325	-4.142202	-60.137644	-0.976496
-0.004877	-1.389168	-40.577757	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.996420	62.331394	1.303948
0.002716	0.785661	66.591341	
0.14081	6.996420	62.331394	1.303948
0.002716	0.239489	77.578981	
0.28163	6.996420	62.331394	1.303948
0.002716	0.242768	90.998105	
0.42244	6.996420	62.331394	1.303948
0.002716	0.660943	118.534198	
0.56325	6.996420	62.331394	1.303948
0.002716	1.079004	149.601085	

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.010040 -74.832868 -0.997459
-0.003710 -0.593356 -20.031143
0.14081 -6.010040 -74.832868 -0.997459
-0.003710 -0.177543 -27.226886
0.28163 -6.010040 -74.832868 -0.997459
-0.003710 -0.316010 -38.113388
0.42244 -6.010040 -74.832868 -0.997459
-0.003710 -0.858472 -51.084067
0.56325 -6.010040 -74.832868 -0.997459
-0.003710 -1.400933 -72.998536

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.202877 44.680089 0.424454
0.001183 0.258899 1.621240
0.14081 1.202877 44.680089 0.424454
0.001183 0.074986 2.287503
0.28163 1.202877 44.680089 0.424454
0.001183 0.084645 3.217611
0.42244 1.202877 44.680089 0.424454
0.001183 0.231333 4.229428
0.56325 1.202877 44.680089 0.424454
0.001183 0.378020 5.350141
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3825

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.354005 -7.367955 -0.349971
-0.000485 -0.208726 -13.388514
0.14081 -5.354005 -7.367955 -0.349971
-0.000485 -0.062024 -31.288218
0.28163 -5.354005 -7.367955 -0.349971
-0.000485 -0.102927 -49.539323
0.42244 -5.354005 -7.367955 -0.349971
-0.000485 -0.280827 -68.065238
0.56325 -5.354005 -7.367955 -0.349971
-0.000485 -0.458723 -86.697488

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.229440 109.116364 0.694773
0.004930 0.435886 82.076827
0.14081 2.229440 109.116364 0.694773
0.004930 0.145505 62.941330
0.28163 2.229440 109.116364 0.694773
0.004930 0.139380 48.794596
0.42244 2.229440 109.116364 0.694773
0.004930 0.379932 54.098312
0.56325 2.229440 109.116364 0.694773
0.004930 0.620429 67.794698

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.332108 -33.710873 -0.573783
-0.005290 -0.341597 -14.732272
0.14081 -10.332108 -33.710873 -0.573783
-0.005290 -0.105998 -34.464114
0.28163 -10.332108 -33.710873 -0.573783
-0.005290 -0.164227 -55.112495
0.42244 -10.332108 -33.710873 -0.573783
-0.005290 -0.447040 -76.621989
0.56325 -10.332108 -33.710873 -0.573783
-0.005290 -0.729880 -119.728970

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.532950 93.980333 1.002748
0.003663 0.610712 66.614949
0.14081 4.532950 93.980333 1.002748
0.003663 0.190979 59.819728
0.28163 4.532950 93.980333 1.002748
0.003663 0.189926 56.976718
0.42244 4.532950 93.980333 1.002748
0.003663 0.188874 56.829644
0.56325 4.532950 93.980333 1.002748
0.003663 0.849186 93.610211

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.958410 -50.458231 -0.786340
-0.004332 -0.469215 -14.095894
0.14081 -8.958410 -50.458231 -0.786340
-0.004332 -0.142904 -32.111646
0.28163 -8.958410 -50.458231 -0.786340
-0.004332 -0.224197 -54.341922
0.42244 -8.958410 -50.458231 -0.786340
-0.004332 -0.656538 -78.621824
0.56325 -8.958410 -50.458231 -0.786340
-0.004332 -1.071088 -114.970718

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.401358 79.376846 1.276661
0.003281 0.771095 59.377251
0.14081 6.401358 79.376846 1.276661
0.003281 0.236437 60.378977
0.28163 6.401358 79.376846 1.276661
0.003281 0.237703 64.939217
0.42244 6.401358 79.376846 1.276661
0.003281 0.649353 85.136745
0.56325 6.401358 79.376846 1.276661
0.003281 1.060912 109.485502
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3826

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.616769 -58.944672 -0.981933
-0.004066 -0.585397 -23.399104
0.14081 -7.616769 -58.944672 -0.981933
-0.004066 -0.176511 -36.091740
0.28163 -7.616769 -58.944672 -0.981933
-0.004066 -0.309118 -52.450584
0.42244 -7.616769 -58.944672 -0.981933
-0.004066 -0.839480 -70.960440
0.56325 -7.616769 -58.944672 -0.981933
-0.004066 -1.369829 -99.849035

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 4.678976 3.107911 1.049806
0.000421 0.625571 13.201105
0.14081 4.678976 3.107911 1.049806
0.000421 0.185308 26.903922
0.28163 4.678976 3.107911 1.049806
0.000421 0.255507 41.223761
0.42244 4.678976 3.107911 1.049806
0.000421 0.694551 55.775374
0.56325 4.678976 3.107911 1.049806
0.000421 1.133197 70.454596

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.840185 -35.659291 -1.046598
-0.000813 -0.620209 -8.629975
0.14081 -0.840185 -35.659291 -1.046598
-0.000813 -0.181660 -8.188174
0.28163 -0.840185 -35.659291 -1.046598
-0.000813 -0.254361 -8.456884
0.42244 -0.840185 -35.659291 -1.046598
-0.000813 -0.694378 -9.000482
0.56325 -0.840185 -35.659291 -1.046598
-0.000813 -1.134409 -9.737111

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.798329 5.226911 1.779780
0.000693 1.056533 19.772951
0.14081 10.798329 5.226911 1.779780
0.000693 0.310129 45.154674
0.28163 10.798329 5.226911 1.779780
0.000693 0.430496 72.567052
0.42244 10.798329 5.226911 1.779780
0.000693 1.175618 100.995938
0.56325 10.798329 5.226911 1.779780
0.000693 1.920886 130.301256

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.857356 -72.646528 -1.777437
-0.001442 -1.056974 -25.058336
0.14081 -0.857356 -72.646528 -1.777437
-0.001442 -0.312184 -19.981819
0.28163 -0.857356 -72.646528 -1.777437
-0.001442 -0.435440 -17.315616
0.42244 -0.857356 -72.646528 -1.777437
-0.001442 -1.181409 -16.500683
0.56325 -0.857356 -72.646528 -1.777437
-0.001442 -1.927264 -16.866832

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.421271 17.118610 2.116222
0.000534 1.254077 139.241220
0.14081 11.421271 17.118610 2.116222
0.000534 0.366294 68.389375
0.28163 11.421271 17.118610 2.116222
0.000534 0.512198 100.663358
0.42244 11.421271 17.118610 2.116222
0.000534 1.399494 136.276635
0.56325 11.421271 17.118610 2.116222
0.000534 2.287327 172.607707
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3827

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.765471 -89.046110 -2.117088
-0.001650 -1.258841 -17.759330
0.14081 -1.765471 -89.046110 -2.117088
-0.001650 -0.372077 -14.900729
0.28163 -1.765471 -89.046110 -2.117088
-0.001650 -0.518950 -17.843635
0.42244 -1.765471 -89.046110 -2.117088
-0.001650 -1.406303 -22.558182
0.56325 -1.765471 -89.046110 -2.117088
-0.001650 -2.293451 -27.925884

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.781842 56.874019 2.078279
0.002239 1.244335 82.649144
0.14081 10.781842 56.874019 2.078279
0.002239 0.373193 105.588380
0.28163 10.781842 56.874019 2.078279
0.002239 0.500458 131.645437
0.42244 10.781842 56.874019 2.078279
0.002239 1.364400 168.064120
0.56325 10.781842 56.874019 2.078279
0.002239 2.230195 209.737053

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -6.110628 -102.901277 -2.064138
-0.003687 -1.226780 -18.092217
0.14081 -6.110628 -102.901277 -2.064138
-0.003687 -0.366302 -22.082239
0.28163 -6.110628 -102.901277 -2.064138
-0.003687 -0.505461 -31.308152
0.42244 -6.110628 -102.901277 -2.064138
-0.003687 -1.372768 -43.391482
0.56325 -6.110628 -102.901277 -2.064138
-0.003687 -2.240748 -65.088938

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 6.250420 2.559224 0.762576
9.18E-05 0.449130 8.353310
0.14081 6.250420 2.559224 0.762576
9.18E-05 0.129121 20.864753
0.28163 6.250420 2.559224 0.762576
9.18E-05 0.181208 35.909546
0.42244 6.250420 2.559224 0.762576
9.18E-05 0.499541 51.492046
0.56325 6.250420 2.559224 0.762576
9.18E-05 0.818036 67.546207

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.178762 -40.149548 -0.759630
-0.000641 -0.454161 -15.496519
0.14081 -0.178762 -40.149548 -0.759630
-0.000641 -0.136038 -11.238165
0.28163 -0.178762 -40.149548 -0.759630
-0.000641 -0.189631 -8.913943
0.42244 -0.178762 -40.149548 -0.759630
-0.000641 -0.509513 -8.166143
0.56325 -0.178762 -40.149548 -0.759630
-0.000641 -0.829171 -8.001777

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.042357 55.179017 1.231565
0.002381 0.744740 82.465646
0.14081 7.042357 55.179017 1.231565
0.002381 0.228591 83.119707
0.28163 7.042357 55.179017 1.231565
0.002381 0.293853 86.487119
0.42244 7.042357 55.179017 1.231565
0.002381 0.804685 104.391366
0.56325 7.042357 55.179017 1.231565
0.002381 1.317374 129.904068
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3828

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.419359 -64.502696 -1.222369
-0.004256 -0.729421 -8.483320
0.14081 -4.419359 -64.502696 -1.222369
-0.004256 -0.223834 -7.249354
0.28163 -4.419359 -64.502696 -1.222369
-0.004256 -0.299774 -10.873384
0.42244 -4.419359 -64.502696 -1.222369
-0.004256 -0.810350 -17.788361
0.56325 -4.419359 -64.502696 -1.222369
-0.004256 -1.321777 -39.189110

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.004996 51.569239 1.925562
0.002462 1.155559 82.075851
0.14081 11.004996 51.569239 1.925562
0.002462 0.348275 94.607143
0.28163 11.004996 51.569239 1.925562
0.002462 0.462085 110.035519
0.42244 11.004996 51.569239 1.925562
0.002462 1.263766 138.718918
0.56325 11.004996 51.569239 1.925562
0.002462 2.067226 174.330059

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.212349 -89.428814 -1.915608
-0.004451 -1.141290 -15.669431
0.14081 -4.212349 -89.428814 -1.915608
-0.004451 -0.344508 -13.917832
0.28163 -4.212349 -89.428814 -1.915608
-0.004451 -0.469379 -16.759017
0.42244 -4.212349 -89.428814 -1.915608
-0.004451 -1.271455 -22.576185
0.56325 -4.212349 -89.428814 -1.915608
-0.004451 -2.074231 -41.606607

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.444069 69.910907 1.971765
0.002219 1.178134 68.419289
0.14081 10.444069 69.910907 1.971765
0.002219 0.351554 91.314240
0.28163 10.444069 69.910907 1.971765
0.002219 0.468227 116.988642
0.42244 10.444069 69.910907 1.971765
0.002219 1.278950 151.518465
0.56325 10.444069 69.910907 1.971765
0.002219 2.091892 190.374986

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.775076 -96.090164 -1.937482
-0.003236 -1.152590 -21.186768
0.14081 -7.775076 -96.090164 -1.937482
-0.003236 -0.344746 -33.660600
0.28163 -7.775076 -96.090164 -1.937482
-0.003236 -0.480654 -50.463275
0.42244 -7.775076 -96.090164 -1.937482
-0.003236 -1.304076 -69.547181
0.56325 -7.775076 -96.090164 -1.937482
-0.003236 -2.128070 -96.762331

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.261728 74.579717 0.639041
0.001323 0.113505 3.038147
0.14081 1.261728 74.579717 0.639041
0.001323 0.113505 3.038003
0.28163 1.261728 74.579717 0.639041
0.001323 0.142118 4.278397
0.42244 1.261728 74.579717 0.639041
0.001323 0.387680 6.710026
0.56325 1.261728 74.579717 0.639041
0.001323 0.634276 10.159692
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3829

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.926772 -8.586859 -0.586742
-0.000471 -0.347772 -28.931980
0.14081 -8.926772 -8.586859 -0.586742
-0.000471 -0.102270 -58.899734
0.28163 -8.926772 -8.586859 -0.586742
-0.000471 -0.154449 -89.008354
0.42244 -8.926772 -8.586859 -0.586742
-0.000471 -0.422015 -119.860010
0.56325 -8.926772 -8.586859 -0.586742
-0.000471 -0.689867 -150.976122

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 2.306363 141.979012 1.021007
0.004588 0.633382 90.232275
0.14081 2.306363 141.979012 1.021007
0.004588 0.230630 58.616439
0.28163 2.306363 141.979012 1.021007
0.004588 0.230890 58.158948
0.42244 2.306363 141.979012 1.021007
0.004588 0.626083 60.760654
0.56325 2.306363 141.979012 1.021007
0.004588 1.024419 74.024767

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.709645 -35.180342 -0.948778
-0.005383 -0.563567 -27.339440
0.14081 -14.709645 -35.180342 -0.948778
-0.005383 -0.175058 -59.341890
0.28163 -14.709645 -35.180342 -0.948778
-0.005383 -0.240799 -92.835177
0.42244 -14.709645 -35.180342 -0.948778
-0.005383 -0.659593 -131.162435
0.56325 -14.709645 -35.180342 -0.948778
-0.005383 -1.080841 -189.225246

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.773411 122.373202 1.510720
0.003552 0.914068 78.240419
0.14081 5.773411 122.373202 1.510720
0.003552 0.281121 77.569667
0.28163 5.773411 122.373202 1.510720
0.003552 0.349125 80.242375
0.42244 5.773411 122.373202 1.510720
0.003552 0.954425 97.069233
0.56325 5.773411 122.373202 1.510720
0.003552 1.562043 121.319968

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.838604 -60.532937 -1.447657
-0.004485 -0.861498 -25.393306
0.14081 -12.838604 -60.532937 -1.447657
-0.004485 -0.261513 -54.778133
0.28163 -12.838604 -60.532937 -1.447657
-0.004485 -0.364799 -87.819090
0.42244 -12.838604 -60.532937 -1.447657
-0.004485 -0.991818 -123.508311
0.56325 -12.838604 -60.532937 -1.447657
-0.004485 -1.620263 -173.711488

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 9.648483 103.262860 1.915759
0.003175 1.150230 70.257038
0.14081 9.648483 103.262860 1.915759
0.003175 0.347387 79.974614
0.28163 9.648483 103.262860 1.915759
0.003175 0.449274 93.296198
0.42244 9.648483 103.262860 1.915759
0.003175 1.229061 118.690121
0.56325 9.648483 103.262860 1.915759
0.003175 2.011073 150.554043
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3830

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.871527 -79.900089 -1.863741
-0.004227 -1.109812 -31.924219
0.14081 -10.871527 -79.900089 -1.863741
-0.004227 -0.334443 -53.900170
0.28163 -10.871527 -79.900089 -1.863741
-0.004227 -0.465815 -79.942429
0.42244 -10.871527 -79.900089 -1.863741
-0.004227 -1.263813 -108.748412
0.56325 -10.871527 -79.900089 -1.863741
-0.004227 -2.062807 -149.888015

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 7.146299 109.116364 1.408026
0.004930 0.836946 82.076827
0.14081 7.146299 109.116364 1.408026
0.004930 0.256373 89.174080
0.28163 7.146299 109.116364 1.408026
0.004930 0.260244 101.413740
0.42244 7.146299 109.116364 1.408026
0.004930 0.708830 129.655856
0.56325 7.146299 109.116364 1.408026
0.004930 1.157294 162.592295

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -10.332108 -78.947760 -1.070023
-0.005290 -0.636707 -26.573489
0.14081 -10.332108 -78.947760 -1.070023
-0.005290 -0.191071 -36.091740
0.28163 -10.332108 -78.947760 -1.070023
-0.005290 -0.343426 -55.112495
0.42244 -10.332108 -78.947760 -1.070023
-0.005290 -0.933534 -78.621989
0.56325 -10.332108 -78.947760 -1.070023
-0.005290 -1.523685 -119.728970

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.421271 141.979012 2.116222
0.004588 1.254077 90.232275
0.14081 11.421271 141.979012 2.116222
0.004588 0.373193 105.588380
0.28163 11.421271 141.979012 2.116222
0.004588 0.512198 131.645437
0.42244 11.421271 141.979012 2.116222
0.004588 1.399494 168.064120
0.56325 11.421271 141.979012 2.116222
0.004588 2.287327 209.737053

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.709645 -102.901277 -2.117088
-0.005383 -1.258841 -31.924219
0.14081 -14.709645 -102.901277 -2.117088
-0.005383 -0.372077 -59.341890
0.28163 -14.709645 -102.901277 -2.117088
-0.005383 -0.518950 -92.835177
0.42244 -14.709645 -102.901277 -2.117088
-0.005383 -1.406303 -131.162435
0.56325 -14.709645 -102.901277 -2.117088
-0.005383 -2.293451 -189.225246

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.421271 141.979012 2.116222
0.004930 0.836946 90.232275
0.14081 11.421271 141.979012 2.116222
0.004930 0.373193 105.588380
0.28163 11.421271 141.979012 2.116222
0.004930 0.512198 131.645437
0.42244 11.421271 141.979012 2.116222
0.004930 1.399494 168.064120
0.56325 11.421271 141.979012 2.116222
0.004930 2.287327 209.737053
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3831

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.709645 -102.901277 -2.117088
-0.005383 -1.258841 -31.924219
0.14081 -14.709645 -102.901277 -2.117088
-0.005383 -0.372077 -59.341890
0.28163 -14.709645 -102.901277 -2.117088
-0.005383 -0.518950 -92.835177
0.42244 -14.709645 -102.901277 -2.117088
-0.005383 -1.406303 -131.162435
0.56325 -14.709645 -102.901277 -2.117088
-0.005383 -2.293451 -189.225246

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.421271 141.979012 2.116222
0.004930 1.254077 90.232275
0.14081 11.421271 141.979012 2.116222
0.004930 0.373193 105.588380
0.28163 11.421271 141.979012 2.116222
0.004930 0.512198 131.645437
0.42244 11.421271 141.979012 2.116222
0.004930 1.399494 168.064120
0.56325 11.421271 141.979012 2.116222
0.004930 2.287327 209.737053

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -14.709645 -102.901277 -2.117088
-0.005383 -1.258841 -31.924219
0.14081 -14.709645 -102.901277 -2.117088
-0.005383 -0.372077 -59.341890
0.28163 -14.709645 -102.901277 -2.117088
-0.005383 -0.518950 -92.835177
0.42244 -14.709645 -102.901277 -2.117088
-0.005383 -1.406303 -131.162435
0.56325 -14.709645 -102.901277 -2.117088
-0.005383 -2.293451 -189.225246

ELEM 366 ========== LENGTH = 2.977394

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43662 2.200596 3.119145 0.725310

0.000822	0.759965	4.655176	
0.57747	2.200596	3.119145	0.725310
0.000822	0.455808	3.348144	
0.71831	2.200596	3.119145	0.725310
0.000822	0.151850	2.041777	
0.85916	2.200596	3.119145	0.725310
0.000822	0.118633	1.287322	
1.00000	2.200596	3.119145	0.725310
0.000822	0.354304	5.099125	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.378817	-20.610819	-0.561994
-0.000768	-0.588382	-30.302753	
0.57747	-1.378817	-20.610819	-0.561994
-0.000768	-0.352710	-21.714275	
0.71831	-1.378817	-20.610819	-0.561994
-0.000768	-0.117037	-13.185945	
0.85916	-1.378817	-20.610819	-0.561994
-0.000768	-0.152521	-5.670729	
1.00000	-1.378817	-20.610819	-0.561994
-0.000768	-0.456674	-1.063101	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.511449	4.726828	1.203272
0.001449	1.261062	6.867312	
0.57747	7.511449	4.726828	1.203272
0.001449	0.756473	4.908067	
0.71831	7.511449	4.726828	1.203272
0.001449	0.251882	3.024023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3832

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85916	7.511449	4.726828	1.203272
0.001449	0.197433	1.944716	
1.00000	7.511449	4.726828	1.203272
0.001449	0.590128	10.202986	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.400436	-40.342189	-0.936528
-0.001384	-0.980799	-67.226251	
0.57747	-0.400436	-40.342189	-0.936528
-0.001384	-0.588067	-51.490959	
0.71831	-0.400436	-40.342189	-0.936528
-0.001384	-0.195318	-36.458631	
0.85916	-0.400436	-40.342189	-0.936528
-0.001384	-0.253057	-23.524763	
1.00000	-0.400436	-40.342189	-0.936528
-0.001384	-0.757544	-14.249785	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.998588	4.112910	1.392020
0.001069	1.492068	6.481057	
0.57747	7.998588	4.112910	1.392020
0.001069	0.875527	4.714615	
0.71831	7.998588	4.112910	1.392020
0.001069	0.291683	2.994407	
0.85916	7.998588	4.112910	1.392020
0.001069	0.250059	2.217045	
1.00000	7.998588	4.112910	1.392020
0.001069	0.748818	16.431033	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.241953	-49.507287	-1.189062
-0.001013	-1.245708	-70.759433	
0.57747	-0.241953	-49.507287	-1.189062
-0.001013	-0.747077	-50.625552	
0.71831	-0.241953	-49.507287	-1.189062
-0.001013	-0.248362	-30.889929	
0.85916	-0.241953	-49.507287	-1.189062
-0.001013	-0.291904	-13.672234	
1.00000	-0.241953	-49.507287	-1.189062
-0.001013	-0.875700	-7.294840	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	8.180385	16.065471	1.365595
0.003272	1.431338	22.969911	
0.57747	8.180385	16.065471	1.365595
0.003272	0.858678	16.722777	
0.71831	8.180385	16.065471	1.365595
0.003272	0.286017	11.475502	
0.85916	8.180385	16.065471	1.365595
0.003272	0.265674	24.214862	
1.00000	8.180385	16.065471	1.365595
0.003272	0.791588	58.694668	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-2.910442	-96.648806	-1.256761
-0.003236	-1.316495	-106.862645	
0.57747	-2.910442	-96.648806	-1.256761
-0.003236	-0.789474	-66.928971	
0.71831	-2.910442	-96.648806	-1.256761
-0.003236	-0.262342	-30.370060	
0.85916	-2.910442	-96.648806	-1.256761
-0.003236	-0.293833	-12.273528	
1.00000	-2.910442	-96.648806	-1.256761
-0.003236	-0.864131	-10.105683	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.602302	1.041453	0.486517
0.000463	0.510194	1.418884	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3833

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	5.602302	1.041453	0.486517
0.000463	0.306177	0.989619	
0.71831	5.602302	1.041453	0.486517
0.000463	0.102089	0.573708	
0.85916	5.602302	1.041453	0.486517
0.000463	0.086920	0.244132	
1.00000	5.602302	1.041453	0.486517
0.000463	0.260817	4.975721	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.115756	-20.321596	-0.414529
-0.000454	-0.434512	-39.142499	
0.57747	-0.115756	-20.321596	-0.414529
-0.000454	-0.260680	-31.936191	
0.71831	-0.115756	-20.321596	-0.414529
-0.000454	-0.086799	-25.966292	
0.85916	-0.115756	-20.321596	-0.414529
-0.000454	-0.101808	-20.172190	
1.00000	-0.115756	-20.321596	-0.414529
-0.000454	-0.305879	-14.522925	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.866730	6.044308	0.771220
0.003004	0.608846	6.695104	
0.57747	7.866730	6.044308	0.771220
0.003004	0.485437	4.754523	
0.71831	7.866730	6.044308	0.771220
0.003004	0.161984	4.631407	
0.85916	7.866730	6.044308	0.771220
0.003004	0.165022	26.128925	
1.00000	7.866730	6.044308	0.771220
0.003004	0.490135	57.561295	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.522839	-79.588476	-0.778961
-0.002999	-0.816490	-80.347432	
0.57747	-1.522839	-79.588476	-0.778961
-0.002999	-0.489834	-47.400851	
0.71831	-1.522839	-79.588476	-0.778961
-0.002999	-0.163087	-19.291388	
0.85916	-1.522839	-79.588476	-0.778961
-0.002999	-0.171231	-9.415089	
1.00000	-1.522839	-79.588476	-0.778961
-0.002999	-0.491405	-9.705180	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	9.527374	7.707221	1.253591
0.003322	1.314286	9.368299	
0.57747	9.527374	7.707221	1.253591
0.003322	0.788595	6.644301	
0.71831	9.527374	7.707221	1.253591
0.003322	0.262858	5.591579	
0.85916	9.527374	7.707221	1.253591
0.003322	0.239675	23.998737	
1.00000	9.527374	7.707221	1.253591
0.003322	0.713470	55.669554	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.477264	-88.537502	-1.133162
-0.003277	-1.187289	-96.557353	
0.57747	-1.477264	-88.537502	-1.133162
-0.003277	-0.712099	-60.080940	
0.71831	-1.477264	-88.537502	-1.133162
-0.003277	-0.236828	-27.775532	
0.85916	-1.477264	-88.537502	-1.133162
-0.003277	-0.271656	-13.442066	
1.00000	-1.477264	-88.537502	-1.133162
-0.003277	-0.794457	-10.939560	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3834

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.765074	24.749816	1.296913
0.002879	1.359352	35.013865	
0.57747	7.765074	24.749816	1.296913
0.002879	0.815516	25.033733	
0.71831	7.765074	24.749816	1.296913
0.002879	0.271555	16.204851	
0.85916	7.765074	24.749816	1.296913
0.002879	0.254945	21.467646	
1.00000	7.765074	24.749816	1.296913
0.002879	0.760351	49.711352	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-4.103272	-81.907960	-1.207276
-0.002865	-1.264728	-91.079013	
0.57747	-4.103272	-81.907960	-1.207276
-0.002865	-0.758458	-57.363531	
0.71831	-4.103272	-81.907960	-1.207276
-0.002865	-0.252052	-26.547109	
0.85916	-4.103272	-81.907960	-1.207276
-0.002865	-0.277367	-11.630562	
1.00000	-4.103272	-81.907960	-1.207276
-0.002865	-0.820024	-13.204119	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.162305	40.081785	0.466682
0.000856	0.488763	55.208856	
0.57747	0.162305	40.081785	0.466682
0.000856	0.293061	38.417859	
0.71831	0.162305	40.081785	0.466682
0.000856	0.097352	21.626365	
0.85916	0.162305	40.081785	0.466682
0.000856	0.084061	5.406460	
1.00000	0.162305	40.081785	0.466682
0.000856	0.251294	1.414890	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.442233	-3.610136	-0.398700
-0.000903	-0.417484	-4.912183	
0.57747	-5.442233	-3.610136	-0.398700
-0.000903	-0.250289	-3.415337	
0.71831	-5.442233	-3.610136	-0.398700
-0.000903	-0.083018	-2.002267	
0.85916	-5.442233	-3.610136	-0.398700
-0.000903	-0.098353	-0.843566	
1.00000	-5.442233	-3.610136	-0.398700
-0.000903	-0.294056	-12.648875	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	2.681746	51.856348	0.706555
0.004362	0.740140	76.293575	
0.57747	2.681746	51.856348	0.706555
0.004362	0.443839	55.431739	
0.71831	2.681746	51.856348	0.706555
0.004362	0.147390	36.803991	
0.85916	2.681746	51.856348	0.706555
0.004362	0.153568	43.765260	
1.00000	2.681746	51.856348	0.706555
0.004362	0.453289	62.719877	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-8.753260	-68.563102	-0.719462
-0.004407	-0.753534	-54.670369	
0.57747	-8.753260	-68.563102	-0.719462
-0.004407	-0.451828	-26.194329	
0.71831	-8.753260	-68.563102	-0.719462
-0.004407	-0.149998	-3.295205	
0.85916	-8.753260	-68.563102	-0.719462
-0.004407	-0.160812	-2.262907	
1.00000	-8.753260	-68.563102	-0.719462
-0.004407	-0.453086	-16.525613	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3835

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	5.108808	42.634692	0.998872
0.003220	1.046945	57.703501	
0.57747	5.108808	42.634692	0.998872
0.003220	0.628074	40.292325	
0.71831	5.108808	42.634692	0.998872
0.003220	0.209057	24.451474	
0.85916	5.108808	42.634692	0.998872
0.003220	0.210704	27.287808	
1.00000	5.108808	42.634692	0.998872
0.003220	0.627211	48.492960	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-6.598223	-66.216413	-0.996178
-0.003260	-1.043773	-62.934041	
0.57747	-6.598223	-66.216413	-0.996178
-0.003260	-0.626027	-35.296929	
0.71831	-6.598223	-66.216413	-0.996178
-0.003260	-0.208102	-11.150640	
0.85916	-6.598223	-66.216413	-0.996178
-0.003260	-0.217792	-2.463413	
1.00000	-6.598223	-66.216413	-0.996178
-0.003260	-0.634068	-14.493266	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.913886	37.100673	1.274603
0.003166	1.335948	50.390039	
0.57747	7.913886	37.100673	1.274603
0.003166	0.801450	35.224563	
0.71831	7.913886	37.100673	1.274603
0.003166	0.266830	21.351341	
0.85916	7.913886	37.100673	1.274603
0.003166	0.246863	23.069638	
1.00000	7.913886	37.100673	1.274603
0.003166	0.735868	43.209890	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-5.570758	-69.453781	-1.168503
-0.003177	-1.224172	-76.802012	
0.57747	-5.570758	-69.453781	-1.168503
-0.003177	-0.734162	-48.304786	
0.71831	-5.570758	-69.453781	-1.168503
-0.003177	-0.243985	-23.052041	
0.85916	-5.570758	-69.453781	-1.168503
-0.003177	-0.274252	-11.512658	
1.00000	-5.570758	-69.453781	-1.168503
-0.003177	-0.806616	-18.869192	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	3.639031	3.994745	1.087126
0.000890	1.138790	6.236471	
0.57747	3.639031	3.994745	1.087126
0.000890	0.682942	4.570620	
0.71831	3.639031	3.994745	1.087126
0.000890	0.226839	2.912177	
0.85916	3.639031	3.994745	1.087126
0.000890	0.240915	1.616777	
1.00000	3.639031	3.994745	1.087126
0.000890	0.723335	8.232871	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.205976	-40.332502	-1.150237
-0.000824	-1.205036	-60.383760	
0.57747	-1.205976	-40.332502	-1.150237
-0.000824	-0.722360	-43.497503	
0.71831	-1.205976	-40.332502	-1.150237
-0.000824	-0.239919	-26.628050	
0.85916	-1.205976	-40.332502	-1.150237
-0.000824	-0.228645	-10.179646	
1.00000	-1.205976	-40.332502	-1.150237
-0.000824	-0.684769	-1.286476	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3836

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	13.282976	5.824019	1.818124
0.001482	1.912705	8.651676	
0.57747	13.282976	5.824019	1.818124
0.001482	1.142716	6.224977	
0.71831	13.282976	5.824019	1.818124
0.001482	0.379884	3.873984	
0.85916	13.282976	5.824019	1.818124
0.001482	0.415583	2.092407	
1.00000	13.282976	5.824019	1.818124
0.001482	1.246159	14.320896	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.614045	-80.511622	-1.980839
-0.001376	-2.074431	-133.801276	
0.57747	-0.614045	-80.511622	-1.980839
-0.001376	-1.243418	-100.127530	
0.71831	-0.614045	-80.511622	-1.980839
-0.001376	-0.412694	-66.602763	
0.85916	-0.614045	-80.511622	-1.980839
-0.001376	-0.381635	-34.046591	
1.00000	-0.614045	-80.511622	-1.980839
-0.001376	-1.144433	-13.523033	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	14.103386	6.056697	2.138495
0.001174	2.241291	10.334135	
0.57747	14.103386	6.056697	2.138495
0.001174	1.344174	7.830558	
0.71831	14.103386	6.056697	2.138495
0.001174	0.446928	5.327128	
0.85916	14.103386	6.056697	2.138495
0.001174	0.505967	5.819046	
1.00000	14.103386	6.056697	2.138495
0.001174	1.518396	29.931743	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.706890	-98.075240	-2.414758
-0.001088	-2.529030	-142.100069	
0.57747	-0.706890	-98.075240	-2.414758
-0.001088	-1.515679	-101.068466	
0.71831	-0.706890	-98.075240	-2.414758
-0.001088	-0.503431	-60.119770	
0.85916	-0.706890	-98.075240	-2.414758
-0.001088	-0.447728	-23.145685	
1.00000	-0.706890	-98.075240	-2.414758
-0.001088	-1.345410	-7.953868	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	13.283226	24.728694	2.086881
0.002749	2.185815	40.207035	
0.57747	13.283226	24.728694	2.086881
0.002749	1.310329	30.214990	
0.71831	13.283226	24.728694	2.086881
0.002749	0.435518	22.382297	
0.85916	13.283226	24.728694	2.086881
0.002749	0.508762	31.982821	
1.00000	13.283226	24.728694	2.086881
0.002749	1.517011	69.607459	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-4.449727	-134.810088	-2.411952
-0.002727	-2.525253	-165.134120	
0.57747	-4.449727	-134.810088	-2.411952
-0.002727	-1.512964	-109.000423	
0.71831	-4.449727	-134.810088	-2.411952
-0.002727	-0.502726	-55.665950	
0.85916	-4.449727	-134.810088	-2.411952
-0.002727	-0.443524	-20.061653	
1.00000	-4.449727	-134.810088	-2.411952
-0.002727	-1.317709	-10.555082	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3837

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	10.186357	1.265717	0.756931
0.000423	0.793745	1.769781	
0.57747	10.186357	1.265717	0.756931
0.000423	0.476176	1.244780	
0.71831	10.186357	1.265717	0.756931
0.000423	0.158387	0.727957	
0.85916	10.186357	1.265717	0.756931
0.000423	0.185967	0.280370	
1.00000	10.186357	1.265717	0.756931
0.000423	0.557805	8.024059	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.129169	-43.165325	-0.886610
-0.000395	-0.928190	-78.936560	
0.57747	-0.129169	-43.165325	-0.886610
-0.000395	-0.556258	-60.904997	
0.71831	-0.129169	-43.165325	-0.886610
-0.000395	-0.184423	-42.881350	
0.85916	-0.129169	-43.165325	-0.886610
-0.000395	-0.157819	-24.916969	
1.00000	-0.129169	-43.165325	-0.886610
-0.000395	-0.475619	-13.339773	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	12.384905	6.409831	1.197359
0.002393	1.253652	9.698606	
0.57747	12.384905	6.409831	1.197359
0.002393	0.751227	7.389945	
0.71831	12.384905	6.409831	1.197359
0.002393	0.249612	7.989936	
0.85916	12.384905	6.409831	1.197359
0.002393	0.312878	31.111127	
1.00000	12.384905	6.409831	1.197359
0.002393	0.922574	72.402684	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.650332	-111.366883	-1.465434
-0.002383	-1.539054	-122.216103	
0.57747	-1.650332	-111.366883	-1.465434
-0.002383	-0.917954	-75.910510	
0.71831	-1.650332	-111.366883	-1.465434
-0.002383	-0.305407	-33.517088	
0.85916	-1.650332	-111.366883	-1.465434
-0.002383	-0.259536	-11.651658	
1.00000	-1.650332	-111.366883	-1.465434
-0.002383	-0.760133	-8.489450	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	16.405205	8.599645	1.915102
0.002822	2.005866	12.929584	
0.57747	16.405205	8.599345	1.915102
0.002822	1.202460	9.649521	
0.71831	16.405205	8.599345	1.915102
0.002822	0.399555	9.014331	
0.85916	16.405205	8.599345	1.915102
0.002822	0.477373	6.437539	
1.00000	16.405205	8.599345	1.915102
0.002822	1.399417	70.673080	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.610980	-134.469301	-2.223556
-0.002732	-2.327331	-163.087367	
0.57747	-1.610980	-134.469301	-2.223556
-0.002732	-1.394048	-107.086851	
0.71831	-1.610980	-134.469301	-2.223556
-0.002732	-0.463387	-54.704390	
0.85916	-1.610980	-134.469301	-2.223556
-0.002732	-0.409426	-21.317168	
1.00000	-1.610980	-134.469301	-2.223556
-0.002732	-1.211327	-10.460340	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3838

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	13.479788	43.137508	1.971060
0.002499	2.064979	64.779323	
0.57747	13.479788	43.137508	1.971060
0.002499	1.238209	46.986112	
0.71831	13.479788	43.137508	1.971060
0.002499	0.411718	30.969218	
0.85916	13.479788	43.137508	1.971060
0.002499	0.487184	29.165903	
1.00000	13.479788	43.137508	1.971060
0.002499	1.453376	58.976029	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-6.542671	-118.084633	-2.311078
-0.002454	-2.419811	-146.406440	
0.57747	-6.542671	-118.084623	-2.311078
-0.002454	-1.449826	-97.214703	
0.71831	-6.542671	-118.084623	-2.311078
-0.002454	-0.481936	-50.334862	
0.85916	-6.542671	-118.084623	-2.311078
-0.002454	-0.417908	-17.891967	
1.00000	-6.542671	-118.084623	-2.311078
-0.002454	-1.243718	-15.634022	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.221681	86.676438	0.645895
0.000882	0.677171	117.973567	
0.57747	0.221681	86.676438	0.645895
0.000882	0.406355	81.663023	
0.71831	0.221681	86.676438	0.645895
0.000882	0.135526	45.439676	
0.85916	0.221681	86.676438	0.645895
0.000882	0.157187	9.676677	
1.00000	0.221681	86.676438	0.645895
0.000882	0.472936	1.932595	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-9.918435	-4.645260	-0.753372

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-0.000989   -0.788924   -6.227140
 0.57747    -9.918435   -4.645260    -0.753372
-0.000989   -0.473238   -4.319575
 0.71831    -9.918435   -4.645260    -0.753372
-0.000989   -0.157285   -2.592236
 0.85916    -9.918435   -4.645260    -0.753372
-0.000989   -0.135352   -1.270471
 1.00000    -9.918435   -4.645260    -0.753372
-0.000989   -0.406103   -27.941549

COMB DL-G3-2 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    3.356162    98.359880    0.998425
 0.004063   1.044058    141.891473
 0.57747    3.356162    98.359880    0.998425
 0.004063   0.625225    101.372874
 0.71831    3.356162    98.359880    0.998425
 0.004063   0.208491    65.574049
 0.85916    3.356162    98.359880    0.998425
 0.004063   0.262459    59.639604
 1.00000    3.356162    98.359880    0.998425
 0.004063   0.767840    80.639652

COMB DL-G3-2 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662  -13.593306  -85.773812   -1.219871
-0.004175   -1.275364   -68.358630
 0.57747  -13.593306  -85.773812   -1.219871
-0.004175   -0.763699   -33.112873
 0.71831  -13.593306  -85.773812   -1.219871
-0.004175   -0.254040   -4.151614
 0.85916  -13.593306  -85.773812   -1.219871
-0.004175   -0.223050   -2.437404
 1.00000  -13.593306  -85.773812   -1.219871
-0.004175   -0.638473   -31.573345
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3839

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    8.232691    84.539657    1.484821
 0.003112   1.554813    118.097528
 0.57747    8.232691    84.539657    1.484821
 0.003112   0.932022    83.013097
 0.71831    8.232691    84.539657    1.484821
 0.003112   0.310330    50.934479
 0.85916    8.232691    84.539657    1.484821
 0.003112   0.383577    40.630670
 1.00000    8.232691    84.539657    1.484821
 0.003112   1.135636    69.090051

COMB DL-G3-3 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662  -11.237655   -97.877736   -1.806125
-0.003212   -1.889935   -97.197085
 0.57747  -11.237655   -97.877736   -1.806125
-0.003212   -1.131933   -56.516809
 0.71831  -11.237655   -97.877736   -1.806125
-0.003212   -0.376733   -19.858046
 0.85916  -11.237655   -97.877736   -1.806125
-0.003212   -0.320314   -3.859641
 1.00000  -11.237655   -97.877736   -1.806125
-0.003212   -0.941117   -26.670997

COMB DL-G3-4 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    13.878071   72.401769    1.903341
 0.003107   1.993935    101.288650
 0.57747    13.878071   72.401769    1.903341
 0.003107   1.195496    71.232219
 0.71831    13.878071   72.401769    1.903341
 0.003107   0.397904    43.669513
 0.85916    13.878071   72.401769    1.903341
 0.003107   0.474211    34.307986
 1.00000    13.878071   72.401769    1.903341
 0.003107   1.409613    61.775423

COMB DL-G3-4 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662   -9.453513  -112.116486   -2.240994
-0.003139   -2.455539   133.792056
 0.57747   -9.453513  -112.116486   -2.240994
-0.003139   -1.405217   -87.130805
 0.71831   -9.453513  -112.116486   -2.240994
-0.003139   -0.467132   -43.863976
 0.85916   -9.453513  -112.116486   -2.240994
-0.003139   -0.406414   -18.130470
 1.00000   -9.453513  -112.116486   -2.240994
-0.003139   -1.203173   -28.782542

COMB      DB ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    9.527374    51.856348    1.392020
 0.004362   1.459268    76.293575
 0.57747    9.527374    51.856348    1.392020
 0.004362   0.875527    55.431739
 0.71831    9.527374    51.856348    1.392020
 0.004362   0.291683    36.803991
 0.85916    9.527374    51.856348    1.392020
 0.004362   0.756574    43.765260
 1.00000    9.527374    51.856348    1.392020
 0.004362   0.791588    62.719877

COMB      DB ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662   -8.753260   -96.648806   -1.256761
-0.004407   -1.316495   -106.862645
 0.57747   -8.753260   -96.648806   -1.256761
-0.004407   -0.789474   -66.928971
 0.71831   -8.753260   -96.648806   -1.256761
-0.004407   -0.262342   -36.458631
 0.85916   -8.753260   -96.648806   -1.256761
-0.004407   -0.293833   -23.524763
 1.00000   -8.753260   -96.648806   -1.256761
-0.004407   -0.875700   -18.869192
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3840

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    16.405205   98.359880    2.138495
 0.004063   2.241291    141.891473
 0.57747    16.405205   98.359880    2.138495
 0.004063   1.344174    101.372874
 0.71831    16.405205   98.359880    2.138495
 0.004063   0.446528    65.574049
 0.85916    16.405205   98.359880    2.138495
 0.004063   0.508762    59.639604
 1.00000    16.405205   98.359880    2.138495
 0.004063   1.518396    80.639652

COMB      DL ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662  -13.593306  -134.810088   -2.414758
-0.004175   -2.529030   -165.134120
 0.57747  -13.593306  -134.810088   -2.414758
-0.004175   -1.515679   -109.000423
 0.71831  -13.593306  -134.810088   -2.414758
-0.004175   -0.503431   -66.602763
 0.85916  -13.593306  -134.810088   -2.414758
-0.004175   -0.447728   -34.096591
 1.00000  -13.593306  -134.810088   -2.414758
-0.004175   -1.345410   -29.573345

COMB      CAR ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    16.405205   98.359880    2.138495
 0.004362   2.241291    141.891473
 0.57747    16.405205   98.359880    2.138495
 0.004362   1.344174    101.372874
 0.71831    16.405205   98.359880    2.138495
 0.004362   0.446528    65.574049
 0.85916    16.405205   98.359880    2.138495
 0.004362   0.508762    59.639604
 1.00000    16.405205   98.359880    2.138495
 0.004362   1.518396    80.639652

COMB      CAR ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662  -13.593306  -134.810088   -2.414758
-0.004407   -2.529030   -165.134120
 0.57747  -13.593306  -134.810088   -2.414758
-0.004407   -1.515679   -109.000423
 0.71831  -13.593306  -134.810088   -2.414758
-0.004407   -0.503431   -66.602763
 0.85916  -13.593306  -134.810088   -2.414758
-0.004407   -0.447728   -34.096591
 1.00000  -13.593306  -134.810088   -2.414758
-0.004407   -1.345410   -29.573345

COMB      DESIGN ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662    16.405205   98.359880    2.138495
 0.004362   2.241291    141.891473
 0.57747    16.405205   98.359880    2.138495
 0.004362   1.344174    101.372874
 0.71831    16.405205   98.359880    2.138495
 0.004362   0.446528    65.574049
 0.85916    16.405205   98.359880    2.138495
 0.004362   0.508762    59.639604
 1.00000    16.405205   98.359880    2.138495
 0.004362   1.518396    80.639652

COMB      DESIGN ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.43662  -13.593306  -134.810088   -2.414758
-0.004407   -2.529030   -165.134120
 0.57747  -13.593306  -134.810088   -2.414758
-0.004407   -1.515679   -109.000423
 0.71831  -13.593306  -134.810088   -2.414758
-0.004407   -0.503431   -66.602763
 0.85916  -13.593306  -134.810088   -2.414758
-0.004407   -0.447728   -34.096591
 1.00000  -13.593306  -134.810088   -2.414758
-0.004407   -1.345410   -29.573345
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3841

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      367 ================== LENGTH
=    2.977394

COMB DB-G1-1 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    2.175112    3.133097    0.722330
 0.000623   0.453101    5.104806
 0.14084    2.175112    3.133097    0.722330
 0.000623   0.150198    13.444060
 0.28169    2.175112    3.133097    0.722330
 0.000623   0.117569    21.901471
 0.42253    2.175112    3.133097    0.722330
 0.000623   0.350329    30.410067
 0.56338    2.175112    3.133097    0.722330
 0.000623   0.583087    38.943595

COMB DB-G1-1 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -1.379451   -20.429914   -0.555047
-0.000577   -0.347946   -1.065099
 0.14084   -1.379451   -20.429914   -0.555047
-0.000577   -0.115192   -2.182053
 0.28169   -1.379451   -20.429914   -0.555047
-0.000577   -0.152723   -3.329943
 0.42253   -1.379451   -20.429914   -0.555047
-0.000577   -0.455632   -4.524201
 0.56338   -1.379451   -20.429914   -0.555047
-0.000577   -0.758540   -5.774500

COMB DB-G1-2 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    7.397273    5.793979    1.200888
 0.001161   0.753776    10.214824
 0.14084    7.397273    5.793979    1.200888
 0.001161   0.250284    24.818586
 0.28169    7.397273    5.793979    1.200888
 0.001161   0.196257    39.921351
 0.42253    7.397273    5.793979    1.200888
 0.001161   0.585215    55.751472
 0.56338    7.397273    5.793979    1.200888
 0.001161   0.974160    71.833474

COMB DB-G1-2 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -0.467059   -38.937878   -0.927497
-0.001093   -0.581618   -14.250133
 0.14084   -0.467059   -38.937878   -0.927497
-0.001093   -0.192796   -10.595756
 0.28169   -0.467059   -38.937878   -0.927497
-0.001093   -0.225306   -8.602379
 0.42253   -0.467059   -38.937878   -0.927497
-0.001093   -0.757239   -7.608006
 0.56338   -0.467059   -38.937878   -0.927497
-0.001093   -1.260831   -9.099890

COMB DB-G1-3 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    7.921376    4.098891    1.392032
 0.001254   0.873571    16.448691
 0.14084    7.921376    4.098891    1.392032
 0.001254   0.289788    36.388188
 0.28169    7.921376    4.098891    1.392032
 0.001254   0.249769    56.749979
 0.42253    7.921376    4.098891    1.392032
 0.001254   0.744982    77.218897
 0.56338    7.921376    4.098891    1.392032
 0.001254   1.240104    97.723123

COMB DB-G1-3 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -0.240686   -49.026585   -1.180692
-0.001195   -0.740382   -7.295216
 0.14084   -0.240686   -49.026585   -1.180692
-0.001195   -0.245252   -5.946050
 0.28169   -0.240686   -49.026585   -1.180692
-0.001195   -0.293791   -5.833251
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3842

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST        P           V2          V3
        T        M2          M3
 0.42253   -0.240686   -49.026585   -1.180692
-0.001195   -0.877646   -6.090249
 0.56338   -0.240686   -49.026585   -1.180692
-0.001195   -1.461409   -7.360500

COMB DB-G1-4 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    6.929413    37.129819    1.363739
 0.003315   0.860160    58.709622
 0.14084    6.929413    37.129819    1.363739
 0.003315   0.290799    14.656424
 0.28169    6.929413    37.129819    1.363739
 0.003315   0.263666    91.936512
 0.42253    6.929413    37.129819    1.363739
 0.003315   0.785822    119.829684
 0.56338    6.929413    37.129819    1.363739
 0.003315   1.307873    151.513602

COMB DB-G1-4 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -4.265397   -75.664154   -1.244905
-0.003266   -0.780329   -10.130046
 0.14084   -4.265397   -75.664154   -1.244905
-0.003266   -0.260691   -10.352921
 0.28169   -4.265397   -75.664154   -1.244905
-0.003266   -0.288013   -14.317634
 0.42253   -4.265397   -75.664154   -1.244905
-0.003266   -0.859990   -19.361665
 0.56338   -4.265397   -75.664154   -1.244905
-0.003266   -1.431886   -34.604923

COMB DB-G2-1 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    5.568021    1.070778    0.488138
 0.000472   0.366524    4.984224
 0.14084    5.568021    1.070778    0.488138
 0.000472   0.101764    12.949628
 0.28169    5.568021    1.070778    0.488138
 0.000472   0.087411    21.214683
 0.42253    5.568021    1.070778    0.488138
 0.000472   0.260872    29.574936
 0.56338    5.568021    1.070778    0.488138
 0.000472   0.434313    37.989052

COMB DB-G2-1 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -0.114288   -20.195205   -0.413597
-0.000460   -0.259453   -14.522118
 0.14084   -0.114288   -20.195205   -0.413597
-0.000460   -0.086008   -9.290378
 0.28169   -0.114288   -20.195205   -0.413597
-0.000460   -0.102804   -4.741113
 0.42253   -0.114288   -20.195205   -0.413597
-0.000460   -0.307580   -2.088881
 0.56338   -0.114288   -20.195205   -0.413597
-0.000460   -0.512279   -2.095719

COMB DB-G2-2 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    6.155559    34.756721    0.773928
 0.003467   0.491885    57.573233
 0.14084    6.155559    34.756721    0.773928
 0.003467   0.170792    58.014977
 0.28169    6.155559    34.756721    0.773928
 0.003467   0.164137    59.456634
 0.42253    6.155559    34.756721    0.773928
 0.003467   0.489688    75.825627
 0.56338    6.155559    34.756721    0.773928
 0.003467   0.815138    97.292815

COMB DB-G2-2 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -3.345917   -51.267087   -0.776081
-0.003449   -0.486664   -9.746599
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3843

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST        P           V2          V3
        T        M2          M3
 0.14084   -3.345917   -51.267087   -0.776081
-0.003449   -0.164574   -4.751480
 0.28169   -3.345917   -51.267087   -0.776081
-0.003449   -0.162348   -3.550661
 0.42253   -3.345917   -51.267087   -0.776081
-0.003449   -0.487918   -3.761128
 0.56338   -3.345917   -51.267087   -0.776081
-0.003449   -0.812482   -17.924283

COMB DB-G2-3 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    7.962360    33.635740    1.254755
 0.003606   0.792983    55.685126
 0.14084    7.962360    33.635740    1.254755
 0.003606   0.269912    62.768185
 0.28169    7.962360    33.635740    1.254755
 0.003606   0.238179    71.001456
 0.42253    7.962360    33.635740    1.254755
 0.003606   0.710372    92.601272
 0.56338    7.962360    33.635740    1.254755
 0.003606   1.182475    118.912306

COMB DB-G2-3 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -3.118838   -62.867055   -1.125797
-0.003572   -0.705938   -10.975533
 0.14084   -3.118838   -62.867055   -1.125797
-0.003572   -0.236872   -5.437563
 0.28169   -3.118838   -62.867055   -1.125797
-0.003572   -0.264903   -5.138600
 0.42253   -3.118838   -62.867055   -1.125797
-0.003572   -0.791130   -6.565626
 0.56338   -3.118838   -62.867055   -1.125797
-0.003572   -1.317327   -20.378468

COMB DB-G2-4 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    6.744259    41.970589    1.295388
 0.002990   0.816548    49.726185
 0.14084    6.744259    41.970589    1.295388
 0.002990   0.275313    64.084394
 0.28169    6.744259    41.970589    1.295388
 0.002990   0.253249    79.277887
 0.42253    6.744259    41.970589    1.295388
 0.002990   0.754657    103.255852
 0.56338    6.744259    41.970589    1.295388
 0.002990   1.255944    130.334022

COMB DB-G2-4 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -5.216919   -64.675924   -1.195393
-0.002975   -0.749207   -13.219117
 0.14084   -5.216919   -64.675924   -1.195393
-0.002975   -0.249849   -16.964376
 0.28169   -5.216919   -64.675924   -1.195393
-0.002975   -0.273389   -24.698163
 0.42253   -5.216919   -64.675924   -1.195393
-0.002975   -0.816763   -33.737770
 0.56338   -5.216919   -64.675924   -1.195393
-0.002975   -1.359994   -51.065257

COMB DB-G3-1 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    0.166038    40.423781    0.463096
 0.000857   0.290639    1.412623
 0.14084    0.166038    40.423781    0.463096
 0.000857   0.096434    2.681961
 0.28169    0.166038    40.423781    0.463096
 0.000857   0.083333    4.122047
 0.42253    0.166038    40.423781    0.463096
 0.000857   0.248998    5.605611
 0.56338    0.166038    40.423781    0.463096
 0.000857   0.414650    7.098967
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3844

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -5.499201   -3.564650   -0.395022
-0.000875   -0.247958   -12.634656
 0.14084   -5.499201   -3.564650   -0.395022
-0.000875   -0.082298   -29.411497
 0.28169   -5.499201   -3.564650   -0.395022
-0.000875   -0.097763   -46.198113
 0.42253   -5.499201   -3.564650   -0.395022
-0.000875   -0.291966   -63.081977
 0.56338   -5.499201   -3.564650   -0.395022
-0.000875   -0.486165   -80.033066

COMB DB-G3-2 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    0.661670    87.024889    0.701773
 0.004434   0.476670    62.717409
 0.14084    0.661670    87.024889    0.701773
 0.004434   0.157531    50.291752
 0.28169    0.661670    87.024889    0.701773
 0.004434   0.150360    40.339855
 0.42253    0.661670    87.024889    0.701773
 0.004434   0.447129    48.462702
 0.56338    0.661670    87.024889    0.701773
 0.004434   0.743804    62.872047

COMB DB-G3-2 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -11.052264   -34.391881   -0.707460
-0.004459   -0.442912   -16.557526
 0.14084   -11.052264   -34.391881   -0.707460
-0.004459   -0.150242   -30.540304
 0.28169   -11.052264   -34.391881   -0.707460
-0.004459   -0.148295   -48.809708
 0.42253   -11.052264   -34.391881   -0.707460
-0.004459   -0.442727   -69.196348
 0.56338   -11.052264   -34.391881   -0.707460
-0.004459   -0.737024   -105.673126

COMB DB-G3-3 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    3.685757    66.978679    0.997390
 0.003621   0.631053    48.499366
 0.14084    3.685757    66.978679    0.997390
 0.003621   0.215618    48.959487
 0.28169    3.685757    66.978679    0.997390
 0.003621   0.209022    50.193433
 0.42253    3.685757    66.978679    0.997390
 0.003621   0.622438    63.715622
 0.56338    3.685757    66.978679    0.997390
 0.003621   1.035698    81.549034

COMB DB-G3-3 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -8.179938   -42.531478   -0.985476
-0.003633   -0.617356   -14.511374
 0.14084   -8.179938   -42.531478   -0.985476
-0.003633   -0.206818   -27.807335
 0.28169   -8.179938   -42.531478   -0.985476
-0.003633   -0.210472   -44.208012
 0.42253   -8.179938   -42.531478   -0.985476
-0.003633   -0.628844   -61.473264
 0.56338   -8.179938   -42.531478   -0.985476
-0.003633   -1.047111   -89.530406

COMB DB-G3-4 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    6.725777    57.224681    1.273018
 0.003391   0.803177    43.219830
 0.14084    6.725777    57.224681    1.273018
 0.003391   0.271655    49.316185
 0.28169    6.725777    57.224681    1.273018
 0.003391   0.245054    56.326448
 0.42253    6.725777    57.224681    1.273018
 0.003391   0.730190    73.570808
 0.56336    6.725777    57.224681    1.273018
 0.003391   1.215175    94.418691
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                3845

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -6.874757   -49.827324   -1.156518
-0.003379   -0.724780   -18.885406
 0.14084   -6.874757   -49.827324   -1.156518
-0.003379   -0.242024   -27.778345
 0.28169   -6.874757   -49.827324   -1.156518
-0.003379   -0.268635   -39.748357
 0.42253   -6.874757   -49.827324   -1.156518
-0.003379   -0.802586   -53.823506
 0.56338   -6.874757   -49.827324   -1.156518
-0.003379   -1.336435   -77.531011

COMB DL-G1-1 ------------------- MAX

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000    3.592318    4.004033    1.073467
 0.000649   0.672769    8.243525
 0.14084    3.592318    4.004033    1.073467
 0.000649   0.222475    24.654036
 0.28169    3.592318    4.004033    1.073467
 0.000649   0.240462    41.243275
 0.42253    3.592318    4.004033    1.073467
 0.000649   0.718953    57.886467
 0.56338    3.592318    4.004033    1.073467
 0.000649   1.197517    74.571583

COMB DL-G1-1 ------------------- MIN

 REL DIST        P           V2          V3
        T        M2          M3
 0.00000   -1.199971   -39.976770   -1.140820
-0.000582   -0.714987   -1.287761
 0.14084   -1.199971   -39.976770   -1.140820
-0.000582   -0.236481   -2.578205
 0.28169   -1.199971   -39.976770   -1.140820
-0.000582   -0.227306   -4.085221
 0.42253   -1.199971   -39.976770   -1.140820
-0.000582   -0.677640   -5.633219
 0.56338   -1.199971   -39.976770   -1.140820
-0.000582   -1.127839   -7.238252

COMB DL-G1-2 ------------------- MAX
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REL DIST          P          V2          V3
        T         M2          M3
0.00000   13.116796    6.602466    1.800920
0.001128    1.129496   14.342440
0.14084   13.116796    6.602466    1.800920
0.001128    0.373920   43.340183
0.28169   13.116796    6.602466    1.800920
0.001128    0.413287   73.980489
0.42253   13.116796    6.602466    1.800920
0.001128    1.234258  105.574942
0.56338   13.116796    6.602466    1.800920
0.001128    2.055613  138.172149

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -0.661497   -79.192244   -1.957724
-0.001027   -1.226041   -13.523984
0.14084   -0.661497   -79.192244   -1.957724
-0.001027   -0.405347   -9.942867
0.28169   -0.661497   -79.192244   -1.957724
-0.001027   -0.380394   -9.119680
0.42253   -0.661497   -79.192244   -1.957724
-0.001027   -1.136053   -9.107577
0.56338   -0.661497   -79.192244   -1.957724
-0.001027   -1.891366   -11.016007

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   13.915258    6.000764    2.115989
0.001206    1.326453   29.969794
0.14084   13.915258    6.000764    2.115989
0.001206    0.438251   68.323675
0.28169   13.915258    6.000764    2.115989
0.001206    0.503679  107.910003
0.42253   13.915258    6.000764    2.115989
0.001206    1.503432  147.866590
0.56338   13.915258    6.000764    2.115989
0.001206    2.504151  188.279277
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3846

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -0.696609   -97.052005   -2.384986
-0.001112   -1.493041   -7.954767
0.14084   -0.696609   -97.052005   -2.384986
-0.001112   -0.455504   -6.554784
0.28169   -0.696609   -97.052005   -2.384986
-0.001112   -0.446605   -7.036846
0.42253   -0.696609   -97.052005   -2.384986
-0.001112   -1.334842   -7.995694
0.56338   -0.696609   -97.052005   -2.384986
-0.001112   -2.222373   -10.008974

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   12.008347   45.035280    2.069262
0.002589    1.301346   69.658207
0.14084   12.008347   45.035280    2.069262
0.002589    0.434788  100.677476
0.28169   12.008347   45.035280    2.069262
0.002589    0.504174  133.601387
0.42253   12.008347   45.035280    2.069262
0.002589    1.505189  175.061225
0.56338   12.008347   45.035280    2.069262
0.002589    2.507995  220.645075

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -5.971249  -110.613967   -2.389879
-0.002529   -1.497037   -10.566666
0.14084   -5.971249  -110.613967   -2.389879
-0.002529   -0.498805   -14.028555
0.28169   -5.971249  -110.613967   -2.389879
-0.002529   -0.436808   -21.400742
0.42253   -5.971249  -110.613967   -2.389879
-0.002529   -1.304289   -30.250116
0.56338   -5.971249  -110.613967   -2.389879
-0.002529   -2.172321   -48.157948

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   10.094726    1.273898    0.752494
0.000427    0.472116    8.039155
0.14084   10.094726    1.273898    0.752494
0.000427    0.156170   22.942873
0.28169   10.094726    1.273898    0.752494
0.000427    0.184220   38.942586
0.42253   10.094726    1.273898    0.752494
0.000427    0.549811   55.768550
0.56338   10.094726    1.273898    0.752494
0.000427    0.915454   73.544065

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -0.125105   -43.009175   -0.871511
-0.000398   -0.545225   -13.338027
0.14084   -0.125105   -43.009175   -0.871511
-0.000398   -0.179973   -8.011016
0.28169   -0.125105   -43.009175   -0.871511
-0.000398   -0.158209   -4.426446
0.42253   -0.125105   -43.009175   -0.871511
-0.000398   -0.474176   -2.405255
0.56338   -0.125105   -43.009175   -0.871511
-0.000398   -0.789864   -2.467724

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   10.498250   37.007850    1.185444
0.002673    0.749828   72.457778
0.14084   10.498250   37.007850    1.185444
0.002673    0.254552   82.759958
0.28169   10.498250   37.007850    1.185444
0.002673    0.305323   94.382260
0.42253   10.498250   37.007850    1.185444
0.002673    0.908919  118.707238
0.56338   10.498250   37.007850    1.185444
0.002673    1.512524  149.104092
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3847

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -3.888493   -74.933874   -1.444575
-0.002648   -0.904936   -8.523111
0.14084   -3.888493   -74.933874   -1.444575
-0.002648   -0.305033   -4.020297
0.28169   -3.888493   -74.933874   -1.444575
-0.002648   -0.305329   -2.656050
0.42253   -3.888493   -74.933874   -1.444575
-0.002648   -0.745994   -4.350004
0.56338   -3.888493   -74.933874   -1.444575
-0.002648   -1.243420   -18.655587

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   14.659158   36.264387    1.896693
0.002906    1.195153   70.731630
0.14084   14.659158   36.264387    1.896693
0.002906    0.401265   92.856460
0.28169   14.659158   36.264387    1.896693
0.002906    0.463616  117.148960
0.42253   14.659158   36.264387    1.896693
0.002906    1.382138  153.180463
0.56338   14.659158   36.264387    1.896693
0.002906    2.303329  194.763993

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -3.629843  -101.405238   -2.194886
-0.002883   -1.374866   -10.491256
0.14084   -3.629843  -101.405238   -2.194886
-0.002883   -0.459749   -5.673845
0.28169   -3.629843  -101.405238   -2.194886
-0.002883   -0.399784   -5.667304
0.42253   -3.629843  -101.405238   -2.194886
-0.002883   -1.194823   -7.916144
0.56338   -3.629843  -101.405238   -2.194886
-0.002883   -1.990527   -22.070157

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   12.408705   60.284115    1.960754
0.002419    1.232872   59.019992
0.14084   12.408705   60.284115    1.960754
0.002419    0.411523   86.774229
0.28169   12.408705   60.284115    1.960754
0.002419    0.483788  116.492309
0.42253   12.408705   60.284115    1.960754
0.002419    1.443361  153.458196
0.56338   12.408705   60.284115    1.960754
0.002419    2.405283  193.891529

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000   -7.849571   -97.974812   -2.291842
-0.002426   -1.445026   -15.634346
0.14084   -7.849571   -97.974812   -2.291842
-0.002426   -0.477524   -27.465451
0.28169   -7.849571   -97.974812   -2.291842
-0.002426   -0.413527   -43.013263
0.42253   -7.849571   -97.974812   -2.291842
-0.002426   -1.235586   -60.168467
0.56338   -7.849571   -97.974812   -2.291842
-0.002426   -2.058098   -84.697669

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000    0.228932   87.487692    0.654872
0.000932    0.411118    1.929589
0.14084    0.228932   87.487692    0.654872
0.000932    0.136669    3.699967
0.28169    0.228932   87.487692    0.654872
0.000932    0.159938    5.561666
0.42253    0.228932   87.487692    0.654872
0.000932    0.479298    7.447979
0.56338    0.228932   87.487692    0.654872
0.000932    0.798653    9.357835
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3848

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -10.041926    -4.592289   -0.761790
-0.000937   -0.477326   -27.910912
0.14084  -10.041926    -4.592289   -0.761790
-0.000937   -0.157997   -64.418001
0.28169  -10.041926    -4.592289   -0.761790
-0.000937   -0.138125  -100.929357
0.42253  -10.041926    -4.592289   -0.761790
-0.000937   -0.412665  -137.532703
0.56338  -10.041926    -4.592289   -0.761790
-0.000937   -0.687218  -174.206161

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000    0.881785  142.637175    1.003256
0.004006    0.638648   80.676825
0.14084    0.881785  142.637175    1.003256
0.004006    0.221824   66.531500
0.28169    0.881785  142.637175    1.003256
0.004006    0.257111   54.019675
0.42253    0.881785  142.637175    1.003256
0.004006    0.766831   59.221199
0.56338    0.881785  142.637175    1.003256
0.004006    1.282649   72.625355

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -16.912723   -34.904819   -1.225124
-0.004061   -0.769401   -29.587431
0.14084  -16.912723   -34.904819   -1.225124
-0.004061   -0.262911   -63.082906
0.28169  -16.912723   -34.904819   -1.225124
-0.004061   -0.211593  -100.695471
0.42253  -16.912723   -34.904819   -1.225124
-0.004061   -0.630343  -141.189919
0.56338  -16.912723   -34.904819   -1.225124
-0.004061   -1.051239  -199.807937

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000    6.358206  116.720425    1.484215
0.003365    0.937579   69.135151
0.14084    6.358206  116.720425    1.484215
0.003365    0.317527   74.358938
0.28169    6.358206  116.720425    1.484215
0.003365    0.373706   80.409623
0.42253    6.358206  116.720425    1.484215
0.003365    1.131322   99.246370
0.56338    6.358206  116.720425    1.484215
0.003365    1.886156  123.891399

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -13.657331   -60.700586   -1.798659
-0.003414   -1.126835   -26.673688
0.14084  -13.657331   -60.700586   -1.798659
-0.003414   -0.379001   -56.991693
0.28169  -13.657331   -60.700586   -1.798659
-0.003414   -0.312780   -90.348481
0.42253  -13.657331   -60.700586   -1.798659
-0.003414   -0.934192  -125.761910
0.56338  -13.657331   -60.700586   -1.798659
-0.003414   -1.556784  -173.925548

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   12.278889   99.090840    1.898557
0.003189    1.196402   61.820838
0.14084   12.278889   99.090840    1.898557
0.003189    0.402024   76.971082
0.28169   12.278889   99.090840    1.898557
0.003189    0.469346   93.920253
0.42253   12.278889   99.090840    1.898557
0.003189    1.400353  121.904911
0.56338   12.278889   99.090840    1.898557
0.003189    2.333791  155.089651
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3849

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -11.456012   -81.291478   -2.224402
-0.003194   -1.393259   -28.784861
0.14084  -11.456012   -81.291478   -2.224402
-0.003194   -0.465725   -51.803143
0.28169  -11.456012   -81.291478   -2.224402
-0.003194   -0.400151   -78.632421
0.42253  -11.456012   -81.291478   -2.224402
-0.003194   -1.336974  -108.010911
0.56338  -11.456012   -81.291478   -2.224402
-0.003194   -1.992159  -148.562625

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000    7.962360   87.024889    1.392032
0.004434    0.873571   62.717409
0.14084    7.962360   87.024889    1.392032
0.004434    0.290799   74.856424
0.28169    7.962360   87.024889    1.392032
0.004434    0.253666   91.936512
0.42253    7.962360   87.024889    1.392032
0.004434    0.785822  119.829684
0.56338    7.962360   87.024889    1.392032
0.004434    1.307873  151.513602

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -11.052264   -75.664154   -1.244905
-0.004459   -0.780329   -18.885406
0.14084  -11.052264   -75.664154   -1.244905
-0.004459   -0.260691   -30.540304
0.28169  -11.052264   -75.664154   -1.244905
-0.004459   -0.293791   -48.809708
0.42253  -11.052264   -75.664154   -1.244905
-0.004459   -0.877646   -69.196348
0.56338  -11.052264   -75.664154   -1.244905
-0.004459   -1.461409  -105.673126

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   14.659158  142.637175    2.115989
0.004006    1.326453   80.676825
0.14084   14.659158  142.637175    2.115989
0.004006    0.438251  100.677476
0.28169   14.659158  142.637175    2.115989
0.004006    0.504174  133.601387
0.42253   14.659158  142.637175    2.115989
0.004006    1.505189  175.061225
0.56338   14.659158  142.637175    2.115989
0.004006    2.507995  220.645075

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -16.912723  -110.613967   -2.389879
-0.004061   -1.497037   -29.587431
0.14084  -16.912723  -110.613967   -2.389879
-0.004061   -0.498805   -64.418001
0.28169  -16.912723  -110.613967   -2.389879
-0.004061   -0.446605  -100.929357
0.42253  -16.912723  -110.613967   -2.389879
-0.004061   -1.334842  -141.189919
0.56338  -16.912723  -110.613967   -2.389879
-0.004061   -2.222373  -199.807937

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   14.659158  142.637175    2.115989
0.004434    1.326453   80.676825
0.14084   14.659158  142.637175    2.115989
0.004434    0.438251  100.677476
0.28169   14.659158  142.637175    2.115989
0.004434    0.504174  133.601387
0.42253   14.659158  142.637175    2.115989
0.004434    1.505189  175.061225
0.56338   14.659158  142.637175    2.115989
0.004434    2.507995  220.645075
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3850

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -16.912723  -110.613967   -2.389879
-0.004459   -1.497037   -29.587431
0.14084  -16.912723  -110.613967   -2.389879
-0.004459   -0.498805   -64.418001
0.28169  -16.912723  -110.613967   -2.389879
-0.004459   -0.446605  -100.929357
0.42253  -16.912723  -110.613967   -2.389879
-0.004459   -1.334842  -141.189919
0.56338  -16.912723  -110.613967   -2.389879
-0.004459   -2.222373  -199.807937

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.00000   14.659158  142.637175    2.115989
0.004434    1.326453   80.676825
0.14084   14.659158  142.637175    2.115989
0.004434    0.438251  100.677476
0.28169   14.659158  142.637175    2.115989
0.004434    0.504174  133.601387
0.42253   14.659158  142.637175    2.115989
0.004434    1.505189  175.061225
0.56338   14.659158  142.637175    2.115989
0.004434    2.507995  220.645075

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.00000  -16.912723  -110.613967   -2.389879
-0.004459   -1.497037   -29.587431
0.14084  -16.912723  -110.613967   -2.389879
-0.004459   -0.498805   -64.418001
0.28169  -16.912723  -110.613967   -2.389879
-0.004459   -0.446605  -100.929357
0.42253  -16.912723  -110.613967   -2.389879
-0.004459   -1.334842  -141.189919
0.56338  -16.912723  -110.613967   -2.389879
-0.004459   -2.222373  -199.807937

ELEM      368 ================== LENGTH
=     2.977195

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    2.602035    3.003351    0.651171
0.001084    0.702865    4.189637
0.57749    2.602035    3.003351    0.651171
0.001084    0.429829    2.971733
0.71833    2.602035    3.003351    0.651171
0.001084    0.156794    2.847321
0.85916    2.602035    3.003351    0.651171
0.001084    0.092371    3.507880
1.00000    2.602035    3.003351    0.651171
0.001084    0.308307    7.168088

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43665   -0.810733   -19.593339   -0.514973
-0.000524   -0.555411   -26.246756
0.57749   -0.810733   -19.593339   -0.514973
-0.000524   -0.339483   -18.033450
0.71833   -0.810733   -19.593339   -0.514973
-0.000524   -0.123556   -11.677445
0.85916   -0.810733   -19.593339   -0.514973
-0.000524   -0.116220   -9.351364
1.00000   -0.810733   -19.593339   -0.514973
-0.000524   -0.389293   -7.949555

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    6.251768    4.679959    1.054018
0.001929    1.138472    6.415525
0.57749    6.251768    4.679959    1.054018
0.001929    0.696525    4.540938
0.71833    6.251768    4.679959    1.054018
0.001929    0.254549    2.839556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                3851

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
        T         M2          M3
0.85916    6.251768    4.679959    1.054018
0.001929    0.163874    3.315255
1.00000    6.251768    4.679959    1.054018
0.001929    0.545250   12.514567

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43665   -0.535275   -41.663918   -0.910277
-0.000863   -0.662713   -69.050674
0.57749   -0.535275   -41.663918   -0.910277
-0.000863   -0.600037   -52.230235
0.71833   -0.535275   -41.663918   -0.910277
-0.000863   -0.218370   -37.837305
0.85916   -0.535275   -41.663918   -0.910277
-0.000863   -0.187845   -31.072511
1.00000   -0.535275   -41.663918   -0.910277
-0.000863   -0.629749   -25.172604

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    6.971814   19.935596    1.175559
0.001683    1.270683   44.416750
0.57749    6.971814   19.935596    1.175559
0.001683    0.777784   36.100823
0.71833    6.971814   19.935596    1.175559
0.001683    0.284779   28.083682
0.85916    6.971814   19.935596    1.175559
0.001683    0.214496   21.172554
1.00000    6.971814   19.935596    1.175559
0.001683    0.717794   25.620495

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43665   -1.712949   -53.920953   -1.200240
-0.000632   -1.295262   -84.336311
0.57749   -1.712949   -53.920953   -1.200240
-0.000632   -0.792004   -62.180232
0.71833   -1.712949   -53.920953   -1.200240
-0.000632   -0.288733   -41.728116
0.85916   -1.712949   -53.920953   -1.200240
-0.000632   -0.208041   -27.747114
1.00000   -1.712949   -53.920953   -1.200240
-0.000632   -0.700971   -16.628265

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    9.008098   28.687563    1.170268
0.003757    1.264315   57.661322
0.57749    9.008098   28.687563    1.170268
0.003757    0.773623   46.350151
0.71833    9.008098   28.687563    1.170268
0.003757    0.282848   38.883045
0.85916    9.008098   28.687563    1.170268
0.003757    0.240076   48.899697
1.00000    9.008098   28.687563    1.170268
0.003757    0.775268   76.475838

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43665   -3.315225  -109.405409   -1.290433
-0.003775   -1.393238  -123.136075
0.57749   -3.315225  -109.405409   -1.290433
-0.003775   -0.852162   -77.816067
0.71833   -3.315225  -109.405409   -1.290433
-0.003775   -0.311079   -41.877371
0.85916   -3.315225  -109.405409   -1.290433
-0.003775   -0.216844   -23.304013
1.00000   -3.315225  -109.405409   -1.290433
-0.003775   -0.706457   -16.037782

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    3.922044    2.504362    0.395191
0.000727    0.427682    3.932002
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

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                                3852

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
        T         M2          M3
0.57749    3.922044    2.504362    0.395191
0.000727    0.261973    3.278086
0.71833    3.922044    2.504362    0.395191
0.000727    0.096215    2.683880
0.85916    3.922044    2.504362    0.395191
0.000727    0.083095    2.626210
1.00000    3.922044    2.504362    0.395191
0.000727    0.277494    6.274406

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
        T         M2          M3
0.43665   -0.163127   -24.490746   -0.463618
-0.000107   -0.050124   -47.127509
0.57749   -0.163127   -24.490746   -0.463618
-0.000107   -0.305737   -37.431046
0.71833   -0.163127   -24.490746   -0.463618
-0.000107   -0.111312   -28.294580
0.85916   -0.163127   -24.490746   -0.463618
-0.000107   -0.068943   -21.995022
1.00000   -0.163127   -24.490746   -0.463618
-0.000107   -0.235216   -16.966843

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
        T         M2          M3
0.43665    7.374833   22.137082    0.606452
0.003575    0.656130   52.038111
0.57749    7.374833   22.137082    0.606452
0.003575    0.401847   43.505894
0.71833    7.374833   22.137082    0.606452
0.003575    0.147450   39.920272
0.85916    7.374833   22.137082    0.606452
0.003575    0.167167   56.598918
1.00000    7.374833   22.137082    0.606452
0.003575    0.520355   78.273141
```

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.063456	-92.100444	-0.861514
-0.003876	-0.930321	-97.752573	
0.57749	-2.063456	-92.100444	-0.861514
-0.003876	-0.569090	-59.893058	
0.71833	-2.063456	-92.100444	-0.861514
-0.003876	-0.207846	-32.899218	
0.85916	-2.063456	-92.100444	-0.861514
-0.003876	-0.119131	-19.387488	
1.00000	-2.063456	-92.100444	-0.861514
-0.003876	-0.371962	-8.627642	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.125210	21.918355	1.038961
0.004039	1.123160	49.239239	
0.57749	9.125210	21.918355	1.038961
0.004039	0.687529	40.762336	
0.71833	9.125210	21.918355	1.038961
0.004039	0.251745	36.821035	
0.85916	9.125210	21.918355	1.038961
0.004039	0.220132	51.127670	
1.00000	9.125210	21.918355	1.038961
0.004039	0.701318	75.055533	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.011419	-99.806048	-1.164725
-0.003890	-1.257347	-111.062827	
0.57749	-2.011419	-99.806048	-1.164725
-0.003890	-0.766880	-69.857708	
0.71833	-2.011419	-99.806048	-1.164725
-0.003890	-0.280598	-40.018801	
0.85916	-2.011419	-99.806048	-1.164725
-0.003890	-0.194953	-26.645300	
1.00000	-2.011419	-99.806048	-1.164725
-0.003890	-0.629303	-15.742028	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.507506	38.262330	1.114620
0.003213	1.204407	71.020955	
0.57749	8.507506	38.262330	1.114620
0.003213	0.737035	55.553213	
0.71833	8.507506	38.262330	1.114620
0.003213	0.269535	43.333313	
0.85916	8.507506	38.262330	1.114620
0.003213	0.232117	44.684205	
1.00000	8.507506	38.262330	1.114620
0.003213	0.755796	64.729858	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.433065	-99.660255	-1.260029
-0.003453	-1.360928	-118.734928	
0.57749	-4.433065	-99.660255	-1.260029
-0.003453	-0.832600	-77.447937	
0.71833	-4.433065	-99.660255	-1.260029
-0.003453	-0.304277	-44.108111	
0.85916	-4.433065	-99.660255	-1.260029
-0.003453	-0.204991	-22.908996	
1.00000	-4.433065	-99.660255	-1.260029
-0.003453	-0.671606	-17.967536	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.083822	42.536656	0.453049
0.000467	0.488759	61.250530	
0.57749	1.083822	42.536656	0.453049
0.000467	0.298797	43.486077	
0.71833	1.083822	42.536656	0.453049
0.000467	0.108822	25.768165	
0.85916	1.083822	42.536656	0.453049
0.000467	0.077478	8.407675	
1.00000	1.083822	42.536656	0.453049
0.000467	0.262830	2.016051	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.065884	-6.665985	-0.441960
-0.001271	-0.476431	-19.859338	
0.57749	-5.065884	-6.665985	-0.441960
-0.001271	-0.293132	-17.224640	
0.71833	-5.065884	-6.665985	-0.441960
-0.001271	-0.107850	-14.827875	
0.85916	-5.065884	-6.665985	-0.441960
-0.001271	-0.081136	-12.621790	
1.00000	-5.065884	-6.665985	-0.441960
-0.001271	-0.271107	-12.337684	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.250983	58.850238	0.651618
0.004149	0.702716	100.878727	
0.57749	5.250983	58.850238	0.651618
0.004149	0.429573	77.138352	
0.71833	5.250983	58.850238	0.651618
0.004149	0.156319	58.908329	
0.85916	5.250983	58.850238	0.651618
0.004149	0.156069	65.484561	
1.00000	5.250983	58.850238	0.651618
0.004149	0.477986	82.064737	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.061281	-89.761144	-0.791234
-0.006074	-0.856053	-80.658673	
0.57749	-7.061281	-89.761144	-0.791234
-0.006074	-0.524289	-43.490030	
0.71833	-7.061281	-89.761144	-0.791234
-0.006074	-0.192558	-19.536074	
0.85916	-7.061281	-89.761144	-0.791234
-0.006074	-0.131912	-11.259865	
1.00000	-7.061281	-89.761144	-0.791234
-0.006074	-0.403373	-12.410552	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	6.670473	58.885959	0.863398
0.003265	0.932812	101.953339	
0.57749	6.670473	58.885959	0.863398
0.003265	0.570775	78.094074	
0.71833	6.670473	58.885959	0.863398
0.003265	0.208679	58.524202	
0.85916	6.670473	58.885959	0.863398
0.003265	0.206342	56.606139	
1.00000	6.670473	58.885959	0.863398
0.003265	0.661948	66.724321	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.718540	-88.510064	-1.102445
-0.004459	-1.191860	-99.865234	
0.57749	-6.718540	-88.510064	-1.102445
-0.004459	-0.729606	-63.194598	
0.71833	-6.718540	-88.510064	-1.102445
-0.004459	-0.267370	-35.597127	
0.85916	-6.718540	-88.510064	-1.102445
-0.004459	-0.163584	-18.796857	
1.00000	-6.718540	-88.510064	-1.102445
-0.004459	-0.524410	-12.023007	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.166611	50.823153	1.102080
0.003379	1.169765	87.810996	
0.57749	8.166611	50.823153	1.102080
0.003379	0.728649	67.089856	
0.71833	8.166611	50.823153	1.102080
0.003379	0.266461	49.945282	
0.85916	8.166611	50.823153	1.102080
0.003379	0.230160	47.438914	
1.00000	8.166611	50.823153	1.102080
0.003379	0.746163	58.410248	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.746759	-89.058647	-1.243741
-0.003960	-1.343796	-110.160074	
0.57749	-5.746759	-89.058647	-1.243741
-0.003960	-0.822300	-73.476286	
0.71833	-5.746759	-89.058647	-1.243741
-0.003960	-0.300897	-45.804988	
0.85916	-5.746759	-89.058647	-1.243741
-0.003960	-0.204033	-29.316141	
1.00000	-5.746759	-89.058647	-1.243741
-0.003960	-0.665196	-21.271543	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	4.666679	4.137344	0.980894
0.001274	1.058409	6.189729	
0.57749	4.666679	4.137344	0.980894
0.001274	0.647070	4.908401	
0.71833	4.666679	4.137344	0.980894
0.001274	0.235720	3.747592	
0.85916	4.666679	4.137344	0.980894
0.001274	0.191344	3.095885	
1.00000	4.666679	4.137344	0.980894
0.001274	0.643680	10.842523	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.790286	-33.395406	-1.079407
-0.000509	-0.165535	-49.397177	
0.57749	-0.790286	-33.395406	-1.079407
-0.000509	-0.712623	-35.494294	
0.71833	-0.790286	-33.395406	-1.079407
-0.000509	-0.260262	-22.299382	
0.85916	-0.790286	-33.395406	-1.079407
-0.000509	-0.174947	-11.108821	
1.00000	-0.790286	-33.395406	-1.079407
-0.000509	-0.586594	-7.622683	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.865562	5.911063	1.569264
0.002018	1.695765	8.110007	
0.57749	10.865562	5.911063	1.569264
0.002018	1.037625	5.790567	
0.71833	10.865562	5.911063	1.569264
0.002018	0.379333	3.747358	
0.85916	10.865562	5.911063	1.569264
0.002018	0.346397	3.159717	
1.00000	10.865562	5.911063	1.569264
0.002018	1.163168	16.968110	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.730713	-70.950788	-1.945814
-0.000768	-2.098130	-121.239347	
0.57749	-0.730713	-70.950788	-1.945814
-0.000768	-1.281890	-91.779018	
0.71833	-0.730713	-70.950788	-1.945814
-0.000768	-0.465649	-62.318687	
0.85916	-0.730713	-70.950788	-1.945814
-0.000768	-0.277436	-37.480591	
1.00000	-0.730713	-70.950788	-1.945814
-0.000768	-0.936181	-23.898316	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.521956	18.702561	1.797895
0.001773	1.943637	39.957585	
0.57749	11.521956	18.702561	1.797895
0.001773	1.189517	32.647017	
0.71833	11.521956	18.702561	1.797895
0.001773	0.434854	26.952577	
0.85916	11.521956	18.702561	1.797895
0.001773	0.428293	23.609418	
1.00000	11.521956	18.702561	1.797895
0.001773	1.433127	36.993901	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.790124	-86.514151	-2.400557
-0.000605	-2.589486	-131.694434	
0.57749	-1.790124	-86.514151	-2.400557
-0.000605	-1.582287	-96.033404	
0.71833	-1.790124	-86.514151	-2.400557
-0.000605	-0.576669	-62.361238	
0.85916	-1.790124	-86.514151	-2.400557
-0.000605	-0.316011	-32.449835	
1.00000	-1.790124	-86.514151	-2.400557
-0.000605	-1.071117	-16.629650	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	12.292257	33.664493	1.778700
0.003193	1.920096	65.428085	
0.57749	12.292257	33.664493	1.778700
0.003193	1.174032	52.360015	
0.71833	12.292257	33.664493	1.778700
0.003193	0.428672	44.188489	
0.85916	12.292257	33.664493	1.778700
0.003193	0.442357	51.194099	
1.00000	12.292257	33.664493	1.778700
0.003193	1.457849	80.485599	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-4.522096	-127.288720	-2.431756
-0.003312	-2.622517	-156.346100	
0.57749	-4.522096	-127.288720	-2.431756
-0.003312	-1.602402	-103.979515	
0.71833	-4.522096	-127.288720	-2.431756
-0.003312	-0.584671	-58.660725	
0.85916	-4.522096	-127.288720	-2.431756
-0.003312	-0.322192	-27.243026	
1.00000	-4.522096	-127.288720	-2.431756
-0.003312	-1.068202	-16.313871	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	6.295410	2.891642	0.593667
0.000701	0.643380	4.056614	
0.57749	6.295410	2.891642	0.593667
0.000701	0.394366	2.896193	
0.71833	6.295410	2.891642	0.593667
0.000701	0.145035	1.812696	
0.85916	6.295410	2.891642	0.593667
0.000701	0.169060	2.363887	
1.00000	6.295410	2.891642	0.593667
0.000701	0.561419	8.420669	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.186707	-39.870128	-0.937354
-8.20E-05	-1.009325	-71.881651	
0.57749	-0.186707	-39.870128	-0.937354
-8.20E-05	-0.616129	-55.410890	
0.71833	-0.186707	-39.870128	-0.937354
-8.20E-05	-0.223271	-39.281603	
0.85916	-0.186707	-39.870128	-0.937354
-8.20E-05	-0.102516	-25.252733	
1.00000	-0.186707	-39.870128	-0.937354
-8.20E-05	-0.352001	-15.461196	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.433866	19.527836	0.944449
0.002899	1.020166	45.404231	
0.57749	9.433866	19.527836	0.944449
0.002899	0.623901	38.558320	
0.71833	9.433866	19.527836	0.944449
0.002899	0.228643	37.924787	
0.85916	9.433866	19.527836	0.944449
0.002899	0.290691	56.414106	
1.00000	9.433866	19.527836	0.944449
0.002899	0.929307	82.601422	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.177223	-105.132705	-1.536351
-0.003553	-1.653222	-116.133023	
0.57749	-2.177273	-105.132705	-1.536351
-0.003553	-1.008665	-73.192354	
0.71833	-2.177273	-105.132705	-1.536351
-0.003553	-0.366916	-39.583812	
0.85916	-2.177273	-105.132705	-1.536351
-0.003553	-0.176454	-20.752900	
1.00000	-2.177273	-105.132705	-1.536351
-0.003553	-0.572126	-8.111097	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.170330	20.123505	1.577746
0.003527	1.704695	44.167477	
0.57749	13.170330	20.123505	1.577746
0.003527	1.042706	36.910827	
0.71833	13.170330	20.123505	1.577746
0.003527	0.380708	35.272168	
0.85916	13.170330	20.123505	1.577746
0.003527	0.417125	51.009432	
1.00000	13.170330	20.123505	1.577746
0.003527	1.356869	80.641126	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.153904	-124.773158	-2.253723
-0.003564	-2.427451	-151.763227	
0.57749	-2.153904	-124.773158	-2.253723
-0.003564	-1.481985	-100.457952	
0.71833	-2.153904	-124.773158	-2.253723
-0.003564	-0.539230	-58.183741	
0.85916	-2.153904	-124.773158	-2.253723
-0.003564	-0.287533	-31.122095	
1.00000	-2.153904	-124.773158	-2.253723
-0.003564	-0.949410	-14.709326	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.686194	49.792569	1.666147
0.002760	1.799341	85.678516	
0.57749	11.686194	49.792569	1.666147
0.002760	1.100431	65.858457	
0.71833	11.686194	49.792569	1.666147
0.002760	0.401919	49.870086	
0.85916	11.686194	49.792569	1.666147
0.002760	0.430031	45.838947	
1.00000	11.686194	49.792569	1.666147
0.002760	1.422466	67.130139	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-6.415930	-116.629266	-2.375163
-0.003148	-2.562081	-148.287276	
0.57749	-6.415930	-116.629266	-2.375163
-0.003148	-1.566132	-100.187879	
0.71833	-6.415930	-116.629266	-2.375163
-0.003148	-0.571158	-58.083153	
0.85916	-6.415930	-116.629266	-2.375163
-0.003148	-0.300698	-26.692180	
1.00000	-6.415930	-116.629266	-2.375163
-0.003148	-0.999713	-19.611670	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.165204	72.315499	0.601636
0.000437	0.648401	97.125823	
0.57749	1.165204	72.315499	0.601636
0.000437	0.396144	67.001269	
0.71833	1.165204	72.315499	0.601636
0.000437	0.144097	37.064491	
0.85916	1.165204	72.315499	0.601636
0.000437	0.141345	8.925562	
1.00000	1.165204	72.315499	0.601636
0.000437	0.484941	2.486786	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.753623	-8.589584	-0.818252
-0.001433	-0.886828	-19.522053	
0.57749	-8.753623	-8.589584	-0.818252
-0.001433	-0.581379	-16.103453	
0.71833	-8.753623	-8.589584	-0.818252
-0.001433	-0.200659	-12.854463	
0.85916	-8.753623	-8.589584	-0.818252
-0.001433	-0.108434	-11.245520	
1.00000	-8.753623	-8.589584	-0.818252
-0.001433	-0.360713	-28.373626	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.431160	88.436812	0.904501
0.003800	0.971707	137.381774	
0.57749	5.431160	88.436812	0.904501
0.003800	0.592257	101.699297	
0.71833	5.431160	88.436812	0.904501
0.003800	0.215437	73.180650	
0.85916	5.431160	88.436812	0.904501
0.003800	0.251958	70.261089	
1.00000	5.431160	88.436812	0.904501
0.003800	0.799601	90.797209	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.229463	-93.240118	-1.319375
-0.006499	-1.423501	-80.835846	
0.57749	-11.229463	-93.240118	-1.319375
-0.006499	-0.870848	-43.037289	
0.71833	-11.229463	-93.240118	-1.319375
-0.006499	-0.319565	-16.669533	
0.85916	-11.229463	-93.240118	-1.319375
-0.006499	-0.180008	-9.905751	
1.00000	-11.229463	-93.240118	-1.319375
-0.006499	-0.557712	-26.124551	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	8.084197	83.270076	1.260837
0.003086	1.359602	129.063797	
0.57749	8.084197	83.270076	1.260837
0.003086	0.830750	95.346542	
0.71833	8.084197	83.270076	1.260837
0.003086	0.303328	67.647189	
0.85916	8.084197	83.270076	1.260837
0.003086	0.355057	60.929236	
1.00000	8.084197	83.270076	1.260837
0.003086	1.157628	79.000009	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.350446	-102.116721	-1.925954
-0.004954	-2.078142	-107.896434	
0.57749	-10.350446	-102.116721	-1.925954
-0.004954	-1.270982	-66.100378	
0.71833	-10.350446	-102.116721	-1.925954
-0.004954	-0.465508	-33.502686	
0.85916	-10.350446	-102.116721	-1.925954
-0.004954	-0.235517	-17.012621	
1.00000	-10.350446	-102.116721	-1.925954
-0.004954	-0.763745	-24.266623	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.573194	71.424907	1.608790
0.003292	1.736809	110.517855	
0.57749	11.573194	71.424907	1.608790
0.003292	1.062189	81.583945	
0.71833	11.573194	71.424907	1.608790
0.003292	0.388362	57.678557	
0.85916	11.573194	71.424907	1.608790
0.003292	0.428696	51.043863	
1.00000	11.573194	71.424907	1.608790
0.003292	1.407031	70.024038	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-8.786870	-113.578478	-2.343775
-0.004352	-2.527801	-141.443723	
0.57749	-8.786870	-113.578478	-2.343775
-0.004352	-1.545106	-94.730510	
0.71833	-8.786870	-113.578478	-2.343775
-0.004352	-0.564200	-56.329226	
0.85916	-8.786870	-113.578478	-2.343775
-0.004352	-0.294069	-31.803955	
1.00000	-8.786870	-113.578478	-2.343775
-0.004352	-0.968728	-30.689858	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	9.125210	58.885959	1.175559
0.004149	1.270683	101.953339	
0.57749	9.125210	58.885959	1.175559
0.004149	0.777784	78.094074	
0.71833	9.125210	58.885959	1.175559
0.004149	0.284779	58.908329	
0.85916	9.125210	58.885959	1.175559
0.004149	0.240076	65.484561	
1.00000	9.125210	58.885959	1.175559
0.004149	0.775268	82.064737	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.061281	-109.405409	-1.290433
-0.006074	-1.393238	-123.136075	
0.57749	-7.061281	-109.405409	-1.290433
-0.006074	-0.852162	-77.616067	
0.71833	-7.061281	-109.405409	-1.290433
-0.006074	-0.311079	-45.804988	
0.85916	-7.061281	-109.405409	-1.290433
-0.006074	-0.216844	-31.072511	
1.00000	-7.061281	-109.405409	-1.290433
-0.006074	-0.706457	-25.172604	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.170330	88.436812	1.797895
0.003800	1.943637	137.381774	
0.57749	13.170330	88.436812	1.797895
0.003800	1.189517	101.699297	
0.71833	13.170330	88.436812	1.797895
0.003800	0.434854	73.180650	
0.85916	13.170330	88.436812	1.797895
0.003800	0.442357	70.261089	
1.00000	13.170330	88.436812	1.797895
0.003800	1.457849	90.797209	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.229463	-127.288720	-2.431756
-0.006499	-2.622517	-156.346100	
0.57749	-11.229463	-127.288720	-2.431756
-0.006499	-1.602402	-103.979515	
0.71833	-11.229463	-127.288720	-2.431756
-0.006499	-0.584671	-63.160767	
0.85916	-11.229463	-127.288720	-2.431756
-0.006499	-0.322192	-37.480591	
1.00000	-11.229463	-127.288720	-2.431756
-0.006499	-1.071117	-30.689858	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.170330	88.436812	1.797895

```
 0.004149    1.943637  137.381774
0.57749   13.170330   88.436812    1.797895
 0.004149    1.189517  101.699297
0.71833   13.170330   88.436812    1.797895
 0.004149    0.434854   73.180650
0.85916   13.170330   88.436812    1.797895
 0.004149    0.442357   70.261089
1.00000   13.170330   88.436812    1.797895
 0.004149    1.457849   90.797209

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43665  -11.229463 -127.288720   -2.431756
-0.006499   -2.622517 -156.346100
0.57749  -11.229463 -127.288720   -2.431756
-0.006499   -1.602402 -103.979515
0.71833  -11.229463 -127.288720   -2.431756
-0.006499   -0.584671  -63.166667
0.85916  -11.229463 -127.288720   -2.431756
-0.006499   -0.322192  -37.480591
1.00000  -11.229463 -127.288720   -2.431756
-0.006499   -1.071117  -30.689858

COMB   DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.43665   13.170330   88.436812    1.797895
 0.004149    1.943637  137.381774
0.57749   13.170330   88.436812    1.797895
 0.004149    1.189517  101.699297
0.71833   13.170330   88.436812    1.797895
 0.004149    0.434854   73.180650
0.85916   13.170330   88.436812    1.797895
 0.004149    0.442357   70.261089
1.00000   13.170330   88.436812    1.797895
 0.004149    1.457849   90.797209

COMB   DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.43665  -11.229463 -127.288720   -2.431756
-0.006499   -2.622517 -156.346100
0.57749  -11.229463 -127.288720   -2.431756
-0.006499   -1.602402 -103.979515
0.71833  -11.229463 -127.288720   -2.431756
-0.006499   -0.584671  -63.166667
0.85916  -11.229463 -127.288720   -2.431756
-0.006499   -0.322192  -37.480591
1.00000  -11.229463 -127.288720   -2.431756
-0.006499   -1.071117  -30.689858
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3860

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      369 ================== LENGTH =    2.977195

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   2.517551    3.054868    0.635673
0.000798    0.172963    7.172963
0.14084   2.517551    3.054868    0.635673
0.000798    0.110016   15.232706
0.28167   2.517551    3.054868    0.635673
0.000798    0.123772   23.384424
0.42251   2.517551    3.054868    0.635673
0.000798    0.335731   31.564865
0.56335   2.517551    3.054868    0.635673
0.000798    0.547691   39.759903

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -0.792065  -19.567066   -0.505511
-0.000413   -0.300170   -7.949274
0.14084  -0.792065  -19.567066   -0.505511
-0.000413   -0.088195   -6.977726
0.28167  -0.792065  -19.567066   -0.505511
-0.000413   -0.156496   -6.335294
0.42251  -0.792065  -19.567066   -0.505511
-0.000413   -0.213033   -5.697655
0.56335  -0.792065  -19.567066   -0.505511
-0.000413   -0.689569   -6.043304

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   5.983763    6.143078    1.045554
0.001541    0.621212   12.530554
0.14084   5.983763    6.143078    1.045554
0.001541    0.182920   26.531800
0.28167   5.983763    6.143078    1.045554
0.001541    0.215677   41.853433
0.42251   5.983763    6.143078    1.045554
0.001541    0.585267   57.999578
0.56335   5.983763    6.143078    1.045554
0.001541    0.953991   74.500825

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -0.561707  -39.805231   -0.879421
-0.000756   -0.521538   -25.170470
0.14084  -0.561707  -39.805231   -0.879421
-0.000756   -0.152936   -20.049193
0.28167  -0.561707  -39.805231   -0.879421
-0.000756   -0.255735   -15.831653
0.42251  -0.561707  -39.805231   -0.879421
-0.000756   -0.694190   -12.696288
0.56335  -0.561707  -39.805231   -0.879421
-0.000756   -1.132574   -11.783774

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.768883   19.704382    1.182583
 0.001771    0.703782   25.633930
0.14084   6.768883   19.704382    1.182583
 0.001771    0.207734   39.652956
0.28167   6.768883   19.704382    1.182583
 0.001771    0.286686   55.780988
0.42251   6.768883   19.704382    1.182583
 0.001771    0.774573   78.101790
0.56335   6.768883   19.704382    1.182583
 0.001771    1.262488  100.516099

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -1.612493  -53.803746   -1.163671
-0.000526   -0.669247   -16.622587
0.14084  -1.612493  -53.803746   -1.163671
-0.000526   -0.201285   -14.090906
0.28167  -1.612493  -53.803746   -1.163671
-0.000526   -0.287896   -15.765354
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3861

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.42251  -1.612493  -53.803746   -1.163671
-0.000526   -0.783820   -19.829053
0.56335  -1.612493  -53.803746   -1.163671
-0.000526   -1.279664   -25.326332

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.981641   57.307718    1.169125
0.004361    0.697892   76.598989
0.14084   6.981641   57.307718    1.169125
0.004361    0.211688   85.510104
0.28167   6.981641   57.307718    1.169125
0.004361    0.310368   96.188605
0.42251   6.981641   57.307718    1.169125
0.004361    0.839239  123.162580
0.56335   6.981641   57.307718    1.169125
0.004361    1.368128  154.458340

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -5.041123  -75.563813   -1.261386
-0.002928   -0.757568   -16.038195
0.14084  -5.041123  -75.563813   -1.261386
-0.002928   -0.231372   -17.923438
0.28167  -5.041123  -75.563813   -1.261386
-0.002928   -0.285154   -23.454670
0.42251  -5.041123  -75.563813   -1.261386
-0.002928   -0.775438   -32.082700
0.56335  -5.041123  -75.563813   -1.261386
-0.002928   -1.265649   -51.466659

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   3.855593    2.478612    0.408267
0.000671    0.244034    6.281063
0.14084   3.855593    2.478612    0.408267
0.000671    0.072851   12.426450
0.28167   3.855593    2.478612    0.408267
0.000671    0.108658   20.869692
0.42251   3.855593    2.478612    0.408267
0.000671    0.291597   30.715664
0.56335   3.855593    2.478612    0.408267
0.000671    0.474545   40.699354

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -0.132616  -24.287783   -0.436377
-0.000110   -0.257420   -16.964994
0.14084  -0.132616  -24.287783   -0.436377
-0.000110   -0.074449   -12.803015
0.28167  -0.132616  -24.287783   -0.436377
-0.000110   -0.109810   -10.326955
0.42251  -0.132616  -24.287783   -0.436377
-0.000110   -0.269544   -8.720948
0.56335  -0.132616  -24.287783   -0.436377
-0.000110   -0.440699   -7.790212

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   4.694962   61.324070    0.622352
 0.004799    0.375086   78.438741
0.14084   4.694962   61.324070    0.622352
 0.004799    0.119735   66.545132
0.28167   4.694962   61.324070    0.622352
 0.004799    0.205491   57.008791
0.42251   4.694962   61.324070    0.622352
 0.004799    0.553689   69.545892
0.56335   4.694962   61.324070    0.622352
 0.004799    0.901921   87.998682

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -4.428655  -45.274811   -0.830540
-0.003112   -0.504849   -8.623274
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3862

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.14084  -4.428655  -45.274811   -0.830540
-0.003112   -0.160323   -7.470182
0.28167  -4.428655  -45.274811   -0.830540
-0.003112   -0.150399   -10.741043
0.42251  -4.428655  -45.274811   -0.830540
-0.003112   -0.411448   -17.877137
0.56335  -4.428655  -45.274811   -0.830540
-0.003112   -0.672397   -39.047195

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.626171   57.341853    1.048684
 0.004951    0.627699   75.210008
0.14084   6.626171   57.341853    1.048684
 0.004951    0.193018   71.380217
0.28167   6.626171   57.341853    1.048684
 0.004951    0.278917   69.745663
0.42251   6.626171   57.341853    1.048684
 0.004951    0.753669   88.012544
0.56335   6.626171   57.341853    1.048684
 0.004951    1.228451  111.631944

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -4.074224  -57.482854   -1.132343
-0.003117   -0.683172   -15.737720
0.14084  -4.074224  -57.482854   -1.132343
-0.003117   -0.211649   -13.647205
0.28167  -4.074224  -57.482854   -1.132343
-0.003117   -0.254923   -15.522264
0.42251  -4.074224  -57.482854   -1.132343
-0.003117   -0.694741   -20.736987
0.56335  -4.074224  -57.482854   -1.132343
-0.003117   -1.134451   -39.332722

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.882917   61.472351    1.120434
 0.003776    0.669283   64.830646
0.14084   6.882917   61.472351    1.120434
 0.003776    0.202702   74.699813
0.28167   6.882917   61.472351    1.120434
 0.003776    0.304149   86.696002
0.42251   6.882917   61.472351    1.120434
 0.003776    0.822574  113.321997
0.56335   6.882917   61.472351    1.120434
 0.003776    1.341010  143.281486

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -5.791462  -72.265222   -1.236464
-0.002725   -0.741040   -17.955388
0.14084  -5.791462  -72.265222   -1.236464
-0.002725   -0.224687   -24.193434
0.28167  -5.791462  -72.265222   -1.236464
-0.002725   -0.272415   -34.065328
0.42251  -5.791462  -72.265222   -1.236464
-0.002725   -0.742324   -46.658054
0.56335  -5.791462  -72.265222   -1.236464
-0.002725   -1.212129   -68.342770

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   1.123785   42.650077    0.447976
 0.000477    0.266592    2.013294
0.14084   1.123785   42.650077    0.447976
 0.000477    0.078754    2.973996
0.28167   1.123785   42.650077    0.447976
 0.000477    0.109902    4.185908
0.42251   1.123785   42.650077    0.447976
 0.000477    0.298113    5.492662
0.56335   1.123785   42.650077    0.447976
 0.000477    0.486356    6.921675
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3863

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -5.111707   -6.838188   -0.448974
-0.001242   -0.228593   -12.328253
0.14084  -5.111707   -6.838188   -0.448974
-0.001242   -0.078407   -28.856215
0.28167  -5.111707   -6.838188   -0.448974
-0.001242   -0.109073   -46.294940
0.42251  -5.111707   -6.838188   -0.448974
-0.001242   -0.296920   -63.974696
0.56335  -5.111707   -6.838188   -0.448974
-0.001242   -0.484756   -81.747112

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   2.143583  106.773700    0.638242
 0.005276    0.383406   82.251340
0.14084   2.143583  106.773700    0.638242
 0.005276    0.122726   62.052367
0.28167   2.143583  106.773700    0.638242
 0.005276    0.195263   47.497406
0.42251   2.143583  106.773700    0.638242
 0.005276    0.529414   52.812320
0.56335   2.143583  106.773700    0.638242
 0.005276    0.863553   66.259610

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -10.082811   -33.301530   -0.796969
-0.004976   -0.489933   -12.392547
0.14084  -10.082811   -33.301530   -0.796969
-0.004976   -0.160252   -30.860970
0.28167  -10.082811   -33.301530   -0.796969
-0.004976   -0.156205   -50.322573
0.42251  -10.082811   -33.301530   -0.796969
-0.004976   -0.423825   -73.906361
0.56335  -10.082811   -33.301530   -0.796969
-0.004976   -0.691465  -114.110700

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   4.497607   91.692011    0.870631
 0.004337    0.521933   66.859028
0.14084   4.497607   91.692011    0.870631
 0.004337    0.161569   59.295573
0.28167   4.497607   91.692011    0.870631
 0.004337    0.268255   55.847549
0.42251   4.497607   91.692011    0.870631
 0.004337    0.725324   71.371872
0.56335   4.497607   91.692011    0.870631
 0.004337    1.182397   91.801206

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -8.756862   -49.774408   -1.090159
-0.003704   -0.657560   -12.006184
0.14084   -8.756862   -49.774408   -1.090159
-0.003704   -0.203492   -28.984977
0.28167   -8.756862   -49.774408   -1.090159
-0.003704   -0.211134   -50.147470
0.42251   -8.756862   -49.774408   -1.090159
-0.003704   -0.576238   -74.207274
0.56335   -8.756862   -49.774408   -1.090159
-0.003704   -0.941308  -109.636786

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.310776   77.948961    1.109564
 0.004113    0.663497   58.525777
0.14084   6.310776   77.948961    1.109564
 0.004113    0.202106   58.228711
0.28167   6.310776   77.948961    1.109564
 0.004113    0.300957   61.724940
0.42251   6.310776   77.948961    1.109564
 0.004113    0.399372   81.071320
0.56335   6.310776   77.948961    1.109564
 0.004113    1.326781  104.532269
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3864

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -7.372979   -56.970502   -1.223338
-0.003307   -0.734547   -21.256489
0.14084   -7.372979   -56.970502   -1.223338
-0.003307   -0.224107   -32.917078
0.28167   -7.372979   -56.970502   -1.223338
-0.003307   -0.269438   -48.198373
0.42251   -7.372979   -56.970502   -1.223338
-0.003307   -0.734738   -66.333717
0.56335   -7.372979   -56.970502   -1.223338
-0.003307   -1.199990   -94.843179

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   4.554476    4.147259    0.948471
0.000874    0.561037   10.851455
0.14084   4.554476    4.147259    0.948471
0.000874    0.163008   23.698148
0.28167   4.554476    4.147259    0.948471
0.000874    0.261529   37.093803
0.42251   4.554476    4.147259    0.948471
0.000874    0.713481   50.717377
0.56335   4.554476    4.147259    0.948471
0.000874    1.165871   64.464926

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -0.689212  -33.408448   -1.078297
-0.000390   -0.641297   -7.624128
0.14084  -0.689212  -33.408448   -1.078297
-0.000390   -0.189509   -7.456599
0.28167  -0.689212  -33.408448   -1.078297
-0.000390   -0.234117   -7.891493
0.42251  -0.689212  -33.408448   -1.078297
-0.000390   -0.631851   -8.684354
0.56335  -0.689212  -33.408448   -1.078297
-0.000390   -1.029631   -9.699116

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000  10.608560    6.839443    1.571605
 0.001603    0.935123   16.988055
0.14084  10.608560    6.839443    1.571605
 0.001603    0.275535   40.999569
0.28167  10.608560    6.839443    1.571605
 0.001603    0.461479   67.125063
0.42251  10.608560    6.839443    1.571605
 0.001603    1.248191   94.240013
0.56335  10.608560    6.839443    1.571605
 0.001603    2.036182  122.255686

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -0.625635   -69.544551   -1.877895
-0.000654   -1.111385   -23.897660
0.14084   -0.625635   -69.544551   -1.877895
-0.000654   -0.325111   -19.156098
0.28167   -0.625635   -69.544551   -1.877895
-0.000654   -0.382395   -16.764198
0.42251   -0.625635   -69.544551   -1.877895
-0.000654   -1.041584   -16.209420
0.56335   -0.625635   -69.544551   -1.877895
-0.000654   -1.700727   -16.914232

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   11.325390   18.383344    1.812409
 0.001801    1.078793   37.024970
0.14084   11.325390   18.383344    1.812409
 0.001801    0.317698   65.068845
0.28167   11.325390   18.383344    1.812409
 0.001801    0.570724   96.192620
0.42251   11.325390   18.383344    1.812409
 0.001801    1.542170  130.536803
0.56335   11.325390   18.383344    1.812409
 0.001801    2.515584  165.649842
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3865

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -1.602819  -86.095523   -2.319603
-0.000501   -1.371254   -16.629982
0.14084  -1.602819  -86.095523   -2.319603
-0.000501   -0.400432   -14.131996
0.28167  -1.602819  -86.095523   -2.319603
-0.000501   -0.439471   -17.304572
0.42251  -1.602819  -86.095523   -2.319603
-0.000501   -1.200059   -22.208181
0.56335  -1.602819  -86.095523   -2.319603
-0.000501   -1.960287   -27.815345

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   10.633624   57.067056    1.773136
 0.003808    1.058020   80.531188
0.14084   10.633624   57.067056    1.773136
 0.003808    0.316018  102.623840
0.28167   10.633624   57.067056    1.773136
 0.003808    0.582672  127.725801
0.42251   10.633624   57.067056    1.773136
 0.003808    1.578694  163.038891
0.56335   10.633624   57.067056    1.773136
 0.003808    2.577394  203.696785

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -5.877359  -100.574874   -2.380389
-0.002233   -1.419581   -16.304763
0.14084   -5.877359  -100.574874   -2.380389
-0.002233   -0.424291   -20.155889
0.28167   -5.877359  -100.574874   -2.380389
-0.002233   -0.431564   -29.311423
0.42251   -5.877359  -100.574874   -2.380389
-0.002233   -1.174532   -41.163776
0.56335   -5.877359  -100.574874   -2.380389
-0.002233   -1.918231   -62.662223

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   6.224545    2.835343    0.634032
0.000685    0.380865    8.434871
0.14084   6.224545    2.835343    0.634032
0.000685    0.114605   20.691169
0.28167   6.224545    2.835343    0.634032
0.000685    0.216292   35.181240
0.42251   6.224545    2.835343    0.634032
0.000685    0.578240   50.450714
0.56335   6.224545    2.835343    0.634032
0.000685    0.940998   66.222682

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -0.131255   -39.430144   -0.864405
-8.90E-05   -0.507283   -15.459592
0.14084   -0.131255   -39.430144   -0.864405
-8.90E-05   -0.145650   -11.261166
0.28167   -0.131255   -39.430144   -0.864405
-8.90E-05   -0.150158   -8.974229
0.42251   -0.131255   -39.430144   -0.864405
-8.90E-05   -0.416322   -8.243616
0.56335   -0.131255   -39.430144   -0.864405
-8.90E-05   -0.682268   -8.145059

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   7.063430   55.120309    0.975419
 0.004311    0.589002   82.656368
0.14084   7.063430   55.120309    0.975419
 0.004311    0.182958   83.018500
0.28167   7.063430   55.120309    0.975419
 0.004311    0.360602   85.964235
0.42251   7.063430   55.120309    0.975419
 0.004311    0.979798  103.045413
0.56335   7.063430   55.120309    0.975419
 0.004311    1.583938  128.582601
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD          >
                                    3866

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -4.400939   -63.824026   -1.461309
-0.002378   -0.877227   -8.106667
0.14084   -4.400939   -63.824026   -1.461309
-0.002378   -0.267848   -6.705902
0.28167   -4.400939   -63.824026   -1.461309
-0.002378   -0.233544   -10.060314
0.42251   -4.400939   -63.824026   -1.461309
-0.002378   -0.641801   -17.138128
0.56335   -4.400939   -63.824026   -1.461309
-0.002378   -1.050997   -38.402556

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000   10.937374   52.343934    1.605251
 0.004562    0.962625   80.699483
0.14084   10.937374   52.343934    1.605251
 0.004562    0.291932   92.367337
0.28167   10.937374   52.343934    1.605251
 0.004562    0.532364  106.781037
0.42251   10.937374   52.343934    1.605251
 0.004562    1.437486  134.432977
0.56335   10.937374   52.343934    1.605251
 0.004562    2.345409  169.094556

COMB DL-G2-3 ---------- MIN
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REL DIST          P          V2          V3
     T         M2         M3
0.00000   -4.073635  -87.297191   -2.164169
-0.002438  -1.292614  -14.706211
0.14084   -4.073635  -87.297191   -2.164169
-0.002438  -0.388409  -12.982011
0.28167   -4.073635  -87.297191   -2.164169
-0.002438  -0.387449  -15.738074
0.42251   -4.073635  -87.297191   -2.164169
-0.002438  -1.060003  -21.858040
0.56335   -4.073635  -87.297191   -2.164169
-0.002438  -1.733442  -40.925754

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   10.310153   69.282640    1.677982
 0.003334   1.002598   67.282956
0.14084   10.310153   69.282640    1.677982
 0.003334   0.300298   89.443095
0.28167   10.310153   69.282640    1.677982
 0.003334   0.569710  114.361420
0.42251   10.310153   69.282640    1.677982
 0.003334   1.542058  148.114027
0.56335   10.310153   69.282640    1.677982
 0.003334   2.516272  186.245406

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -7.520344  -94.416372   -2.322899
-0.002210  -1.382880  -19.592486
0.14084   -7.520344  -94.416372   -2.322899
-0.002210  -0.411194  -31.572285
0.28167   -7.520344  -94.416372   -2.322899
-0.002210  -0.406477  -47.880603
0.42251   -7.520344  -94.416372   -2.322899
-0.002210  -1.109865  -66.648634
0.56335   -7.520344  -94.416372   -2.322899
-0.002210  -1.813693  -93.380973

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    1.135305   72.642273    0.586954
 0.000449   0.348724   2.482901
0.14084    1.135305   72.642273    0.586954
 0.000449   0.102896   3.939327
0.28167    1.135305   72.642273    0.586954
 0.000449   0.206621   5.522493
0.42251    1.135305   72.642273    0.586954
 0.000449   0.564301   7.507926
0.56335    1.135305   72.642273    0.586954
 0.000449   0.921049  10.775639
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3867

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -8.720856   -8.807252   -0.852208
-0.001336  -0.507293  -28.348529
0.14084   -8.720856   -8.807252   -0.852208
-0.001336  -0.149593  -57.421626
0.28167   -8.720856   -8.807252   -0.852208
-0.001336  -0.143782  -86.809273
0.42251   -8.720856   -8.807252   -0.852208
-0.001336  -0.389659  -116.755213
0.56335   -8.720856   -8.807252   -0.852208
-0.001336  -0.635758  -147.019534

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    2.139975  139.556449    0.867311
 0.005353   0.522457   90.839339
0.14084    2.139975  139.556449    0.867311
 0.005353   0.163885   72.915169
0.28167    2.139975  139.556449    0.867311
 0.005353   0.327253   58.355387
0.42251    2.139975  139.556449    0.867311
 0.005353   0.895649   60.964575
0.56335    2.139975  139.556449    0.867311
 0.005353   1.465126   74.269444

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -14.451914  -35.602406   -1.359820
-0.004676  -0.832006  -26.092002
0.14084   -14.451914  -35.602406   -1.359820
-0.004676  -0.264256  -56.781210
0.28167   -14.451914  -35.602406   -1.359820
-0.004676  -0.271593  -86.998084
0.42251   -14.451914  -35.602406   -1.359820
-0.004676  -0.574942  -126.689425
0.56335   -14.451914  -35.602406   -1.359820
-0.004676  -0.938732  -183.680897

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    5.673155  120.102930    1.260778
 0.004496   0.756907   79.045408
0.14084    5.673155  120.102930    1.260778
 0.004496   0.231229   78.045783
0.28167    5.673155  120.102930    1.260778
 0.004496   0.468312   80.405138
0.42251    5.673155  120.102930    1.260778
 0.004496   1.270508   96.991847
0.56335    5.673155  120.102930    1.260778
 0.004496   2.074082  121.101623

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -12.631488  -60.384865   -1.917741
-0.003631  -1.152466  -24.236427
0.14084   -12.631488  -60.384865   -1.917741
-0.003631  -0.351026  -52.555388
0.28167   -12.631488  -60.384865   -1.917741
-0.003631  -0.305753  -84.454638
0.42251   -12.631488  -60.384865   -1.917741
-0.003631  -0.833227  -119.480459
0.56335   -12.631488  -60.384865   -1.917741
-0.003631  -1.361968  -168.701919

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    9.502346  101.986733    1.625063
 0.004279   0.974116   70.068780
0.14084    9.502346  101.986733    1.625063
 0.004279   0.294895   79.016156
0.28167    9.502346  101.986733    1.625063
 0.004279   0.563063   91.645508
0.42251    9.502346  101.986733    1.625063
 0.004279   1.523504  116.404489
0.56335    9.502346  101.986733    1.625063
 0.004279   2.485815  147.737165
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3868

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -10.609170  -78.728076   -2.295291
-0.003228  -1.371390  -30.664160
0.14084  -10.609170  -78.728076   -2.295291
-0.003228  -0.411599  -51.824581
0.28167  -10.609170  -78.728076   -2.295291
-0.003228  -0.393014  -77.009864
0.42251  -10.609170  -78.728076   -2.295291
-0.003228  -1.073715  -105.361010
0.56335  -10.609170  -78.728076   -2.295291
-0.003228  -1.755170  -145.817252

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    6.981641  106.773700    1.182583
 0.005276   0.703782   82.251340
0.14084    6.981641  106.773700    1.182583
 0.005276   0.211688   85.510104
0.28167    6.981641  106.773700    1.182583
 0.005276   0.310368   96.188605
0.42251    6.981641  106.773700    1.182583
 0.005276   0.839239  123.162580
0.56335    6.981641  106.773700    1.182583
 0.005276   1.368128  154.458340

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -10.082811  -75.563813   -1.261386
-0.004976  -0.757568  -25.170470
0.14084  -10.082811  -75.563813   -1.261386
-0.004976  -0.231372  -32.911078
0.28167  -10.082811  -75.563813   -1.261386
-0.004976  -0.287896  -50.323573
0.42251  -10.082811  -75.563813   -1.261386
-0.004976  -0.783820  -74.207274
0.56335  -10.082811  -75.563813   -1.261386
-0.004976  -1.279664  -114.110700

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.325390  139.556449    1.812409
 0.005353   1.078793   90.839339
0.14084   11.325390  139.556449    1.812409
 0.005353   0.317698  102.623840
0.28167   11.325390  139.556449    1.812409
 0.005353   0.582672  127.725801
0.42251   11.325390  139.556449    1.812409
 0.005353   1.578694  163.038891
0.56335   11.325390  139.556449    1.812409
 0.005353   2.577394  203.696785

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -14.451914  -100.574874   -2.380389
-0.004676  -1.419581  -30.664160
0.14084  -14.451914  -100.574874   -2.380389
-0.004676  -0.424291  -57.421626
0.28167  -14.451914  -100.574874   -2.380389
-0.004676  -0.439471  -88.989084
0.42251  -14.451914  -100.574874   -2.380389
-0.004676  -1.200059  -126.689425
0.56335  -14.451914  -100.574874   -2.380389
-0.004676  -1.960287  -183.680897

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.325390  139.556449    1.812409
 0.005353   1.078793   90.839339
0.14084   11.325390  139.556449    1.812409
 0.005353   0.317698  102.623840
0.28167   11.325390  139.556449    1.812409
 0.005353   0.582672  127.725801
0.42251   11.325390  139.556449    1.812409
 0.005353   1.578694  163.038891
0.56335   11.325390  139.556449    1.812409
 0.005353   2.577394  203.696785
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3869

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -14.451914  -100.574874   -2.380389
-0.004676  -1.419581  -30.664160
0.14084  -14.451914  -100.574874   -2.380389
-0.004976  -0.424291  -57.421626
0.28167  -14.451914  -100.574874   -2.380389
-0.004976  -0.439471  -88.989084
0.42251  -14.451914  -100.574874   -2.380389
-0.004976  -1.200059  -126.689425
0.56335  -14.451914  -100.574874   -2.380389
-0.004976  -1.960287  -183.680897

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000   11.325390  139.556449    1.812409
 0.005353   1.078793   90.839339
0.14084   11.325390  139.556449    1.812409
 0.005353   0.317698  102.623840
0.28167   11.325390  139.556449    1.812409
 0.005353   0.582672  127.725801
0.42251   11.325390  139.556449    1.812409
 0.005353   1.578694  163.038891
0.56335   11.325390  139.556449    1.812409
 0.005353   2.577394  203.696785

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000  -14.451914  -100.574874   -2.380389
-0.004976  -1.419581  -30.664160
0.14084  -14.451914  -100.574874   -2.380389
-0.004976  -0.424291  -57.421626
0.28167  -14.451914  -100.574874   -2.380389
-0.004976  -0.439471  -88.989084
0.42251  -14.451914  -100.574874   -2.380389
-0.004976  -1.200059  -126.689425
0.56335  -14.451914  -100.574874   -2.380389
-0.004976  -1.960287  -183.680897

ELEM      370 ================== LENGTH
=     2.976463

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    2.789876   2.418521    0.535110
 0.001262   0.598365   3.008845
0.57757    2.789876   2.418521    0.535110
 0.001262   0.372092   2.205837
0.71838    2.789876   2.418521    0.535110
 0.001262   0.147812   3.395685
0.85919    2.789876   2.418521    0.535110
 0.001262   0.085877   5.877892
1.00000    2.789876   2.418521    0.535110
 0.001262   0.257719  10.529134

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -1.111927  -16.719305   -0.457702
-0.000124  -0.509621  -22.080562
0.57757   -1.111927  -16.719305   -0.457702
-0.000124  -0.317795  -22.299835
0.71838   -1.111927  -16.719305   -0.457702
-0.000124  -0.125969  -22.610090
0.85919   -1.111927  -16.719305   -0.457702
-0.000124  -0.076426  -23.017479
1.00000   -1.111927  -16.719305   -0.457702
-0.000124  -0.300756  -23.487211

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    3.787352  10.784170    0.863496
 0.002292   0.962707  12.070226
0.57757    3.787352  10.784170    0.863496
 0.002292   0.600806   8.066809
0.71838    3.787352  10.784170    0.863496
 0.002292   0.238827   6.025422
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3870

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.85919    3.787352  10.784170    0.863496
 0.002292   0.120724   8.700070
1.00000    3.787352  10.784170    0.863496
 0.002292   0.471896  16.773998

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -4.552587  -33.209544   -0.841973
-0.000192  -0.940262  -46.927953
0.57757   -4.552587  -33.209544   -0.841973
-0.000192  -0.587476  -43.332293
0.71838   -4.552587  -33.209544   -0.841973
-0.000192  -0.234719  -42.467019
0.85919   -4.552587  -33.209544   -0.841973
-0.000192  -0.123645  -42.643258
1.00000   -4.552587  -33.209544   -0.841973
-0.000192  -0.485678  -43.744332

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    3.951619   53.076274    0.921350
 0.001904   1.027559  113.098850
0.57757    3.951619   53.076274    0.921350
 0.001904   0.641423   91.097842
0.71838    3.951619   53.076274    0.921350
 0.001904   0.255269   70.426303
0.85919    3.951619   53.076274    0.921350
 0.001904   0.161237   53.961258
1.00000    3.951619   53.076274    0.921350
 0.001904   0.638732   42.956843

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -7.377006  -39.059234   -1.142412
-5.98E-06  -1.276587  -60.155469
0.57757   -7.377006  -39.059234   -1.142412
-5.98E-06  -0.897793  -54.900565
0.71838   -7.377006  -39.059234   -1.142412
-5.98E-06  -0.319017  -47.040616
0.85919   -7.377006  -39.059234   -1.142412
-5.98E-06  -0.130780  -41.336779
1.00000   -7.377006  -39.059234   -1.142412
-5.98E-06  -0.517043  -36.082325

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    9.106109   54.542204    0.937925
 0.004853   1.045295  116.778807
0.57757    9.106109   54.542204    0.937925
 0.004853   0.652298   95.015436
0.71838    9.106109   54.542204    0.937925
 0.004853   0.259248   79.985810
0.85919    9.106109   54.542204    0.937925
 0.004853   0.189402   83.337751
1.00000    9.106109   54.542204    0.937925
 0.004853   0.711573  102.063860

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -7.143354  -106.091273   -1.249450
-0.003788  -1.392661  -107.850289
0.57757   -7.143354  -106.091273   -1.249450
-0.003788  -0.870877  -72.558895
0.71838   -7.143354  -106.091273   -1.249450
-0.003788  -0.348948  -50.051854
0.85919   -7.143354  -106.091273   -1.249450
-0.003788  -0.148556  -34.740823
1.00000   -7.143354  -106.091273   -1.249450
-0.003788  -0.541376  -33.335671

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    0.771980   19.952305    0.314426
 0.000777   0.350918   32.227414
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3871

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.57757    0.771980   19.952305    0.314426
 0.000777   0.219160   24.391387
0.71838    0.771980   19.952305    0.314426
 0.000777   0.087315   17.250365
0.85919    0.771980   19.952305    0.314426
 0.000777   0.065164   12.165075
1.00000    0.771980   19.952305    0.314426
 0.000777   0.257938   9.598353

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -4.410596  -16.833788   -0.460132
-1.24E-05  -0.513571  -31.175724
0.57757   -4.410596  -16.833788   -0.460132
-1.24E-05  -0.320756  -25.223959
0.71838   -4.410596  -16.833788   -0.460132
-1.24E-05  -0.127935  -21.043973
0.85919   -4.410596  -16.833788   -0.460132
-1.24E-05  -0.044327  -17.339575
1.00000   -4.410596  -16.833788   -0.460132
-1.24E-05  -0.176253  -14.537393

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    5.291800  59.830613    0.436018
 0.005086   0.485924  136.496426
0.57757    5.291800  59.830613    0.436018
 0.005086   0.303322  112.424687
0.71838    5.291800  59.830613    0.436018
 0.005086   0.120666  96.372799
0.85919    5.291800  59.830613    0.436018
 0.005086   0.141159  98.815432
1.00000    5.291800  59.830613    0.436018
 0.005086   0.504857  104.598983

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -6.762586  -80.570504   -0.868707
-0.004408  -0.964856  -69.249156
0.57757   -6.762586  -80.570504   -0.868707
-0.004408  -0.603068  -38.611654
0.71838   -6.762586  -80.570504   -0.868707
-0.004408  -0.241291  -25.475925
0.85919   -6.762586  -80.570504   -0.868707
-0.004408  -0.082318  -18.432243
1.00000   -6.762586  -80.570504   -0.868707
-0.004408  -0.264582  -12.533626

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    6.389814  55.437074    0.798313
 0.005539   0.889831  124.331542
0.57757    6.389814  55.437074    0.798313
 0.005539   0.553576  102.197242
0.71838    6.389814  55.437074    0.798313
 0.005539   0.220856  86.952078
0.85919    6.389814  55.437074    0.798313
 0.005539   0.178997  89.602512
1.00000    6.389814  55.437074    0.798313
 0.005539   0.661633  100.417803

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -7.760205  -86.267226   -1.152253
-0.003984  -1.282151  -79.561636
0.57757   -7.760205  -86.267226   -1.152253
-0.003984  -0.801302  -52.629299
0.71838   -7.760205  -86.267226   -1.152253
-0.003984  -0.320461  -41.207855
0.85919   -7.760205  -86.267226   -1.152253
-0.003984  -0.131917  -35.285675
1.00000   -7.760205  -86.267226   -1.152253
-0.003984  -0.467147  -30.388676
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3872

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    9.083248  61.778782    0.913331
 0.003898   1.018083  125.070413
0.57757    9.083248  61.778782    0.913331
 0.003898   0.635373  100.323750
0.71838    9.083248  61.778782    0.913331
 0.003898   0.252669  80.447391
0.85919    9.083248  61.778782    0.913331
 0.003898   0.185358  74.160382
1.00000    9.083248  61.778782    0.913331
 0.003898   0.709447  86.459947

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -7.986630  -105.653523   -1.251163
-0.003563  -1.396036  -120.987499
0.57757   -7.986630  -105.653523   -1.251163
-0.003563  -0.673019  -84.049783
0.71838   -7.986630  -105.653523   -1.251163
-0.003563  -0.350070  -57.489805
0.85919   -7.986630  -105.653523   -1.251163
-0.003563  -0.142078  -34.549592
1.00000   -7.986630  -105.653523   -1.251163
-0.003563  -0.524692  -30.904821

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676    5.390346  30.953104    0.440451
 7.16E-06   0.490889  43.458728
0.57757    5.390346  30.953104    0.440451
 7.16E-06   0.306289  30.588097
0.71838    5.390346  30.953104    0.440451
 7.16E-06   0.121683  17.861379
0.85919    5.390346  30.953104    0.440451
 7.16E-06   0.059821   5.774184
1.00000    5.390346  30.953104    0.440451
 7.16E-06   0.246078   2.710203

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -3.147702  -40.303764   -0.444848
-0.001457  -0.499725  -80.059690
0.57757   -3.147702  -40.303764   -0.444848
-0.001457  -0.313285  -63.219287
0.71838   -3.147702  -40.303764   -0.444848
-0.001457  -0.126963  -46.404845
0.85919   -3.147702  -40.303764   -0.444848
-0.001457  -0.062875  -29.604857
1.00000   -3.147702  -40.303764   -0.444848
-0.001457  -0.247538  -13.472880

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676   11.801000  54.404299    0.583240
 0.005466   0.649159  108.279056
0.57757   11.801000  54.404299    0.583240
 0.005466   0.404850  86.559816
0.71838   11.801000  54.404299    0.583240
 0.005466   0.160507  73.959978
0.85919   11.801000  54.404299    0.583240
 0.005466   0.133436  83.715571
1.00000   11.801000  54.404299    0.583240
 0.005466   0.470116  101.727560

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -4.525438  -125.801436   -0.805129
-0.007108  -0.895812  -131.811559
0.57757   -4.525438  -125.801436   -0.805129
-0.007108  -0.561166  -81.768527
0.71838   -4.525438  -125.801436   -0.805129
-0.007108  -0.226659  -51.257081
0.85919   -4.525438  -125.801436   -0.805129
-0.007108  -0.108595  -27.986893
1.00000   -4.525438  -125.801436   -0.805129
-0.007108  -0.352425  -13.332948
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                3873

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.43676   10.155970  79.907857    0.725369
 0.004030   0.808283  159.527283
0.57757   10.155970  79.907857    0.725369
 0.004030   0.504373  126.920242
0.71838   10.155970  79.907857    0.725369
 0.004030   0.200464  100.684770
0.85919   10.155970  79.907857    0.725369
 0.004030   0.169514  90.739961
1.00000   10.155970  79.907857    0.725369
 0.004030   0.635778  89.798303

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.43676   -7.899061  -113.343961   -1.113678
-0.005201  -1.242439  -138.430192
0.57757   -7.899061  -113.343961   -1.113678
-0.005201  -0.777596  -92.849526
0.71838   -7.899061  -113.343961   -1.113678
-0.005201  -0.312877  -60.746025
0.85919   -7.899061  -113.343961   -1.113678
-0.005201  -0.120438  -33.682434
1.00000   -7.899061  -113.343961   -1.113678
-0.005201  -0.424036  -14.768687
```

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.515158	70.132674	0.918651
0.004089	1.023978	135.303633	
0.57757	9.515158	70.132674	0.918651
0.004089	0.639037	107.033970	
0.71838	9.515158	70.132674	0.918651
0.004089	0.254072	84.319063	
0.85919	9.515158	70.132674	0.918651
0.004089	0.186517	75.888545	
1.00000	9.515158	70.132674	0.918651
0.004089	0.709766	78.369409	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.804286	-106.012956	-1.249436
-0.004312	-1.394122	-132.385040	
0.57757	-8.804286	-106.012956	-1.249436
-0.004312	-0.872054	-93.853969	
0.71838	-8.804286	-106.012956	-1.249436
-0.004312	-0.350089	-67.532970	
0.85919	-8.804286	-106.012956	-1.249436
-0.004312	-0.144831	-45.424244	
1.00000	-8.804286	-106.012956	-1.249436
-0.004312	-0.529588	-30.176494	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	5.033500	3.549401	0.796734
0.001419	0.888263	3.855254	
0.57757	5.033500	3.549401	0.796734
0.001419	0.554099	3.320499	
0.71838	5.033500	3.549401	0.796734
0.001419	0.219990	3.317870	
0.85919	5.033500	3.549401	0.796734
0.001419	0.141319	6.413811	
1.00000	5.033500	3.549401	0.796734
0.001419	0.560030	14.041388	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-1.073636	-24.699222	-0.999690
-0.000119	-1.114759	-44.685522	
0.57757	-1.073636	-24.699222	-0.999690
-0.000119	-0.695514	-37.489603	
0.71838	-1.073636	-24.699222	-0.999690
-0.000119	-0.276773	-30.632327	
0.85919	-1.073636	-24.699222	-0.999690
-0.000119	-0.112869	-26.620085	
1.00000	-1.073636	-24.699222	-0.999690
-0.000119	-0.487855	-18.782243	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3874

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	6.318309	11.949978	1.267405
0.002481	1.414230	12.269757	
0.57757	6.318309	11.949978	1.267405
0.002481	0.882872	8.168126	
0.71838	6.318309	11.949978	1.267405
0.002481	0.351301	5.822433	
0.85919	6.318309	11.949978	1.267405
0.002481	0.256715	8.655682	
1.00000	6.318309	11.949978	1.267405
0.002481	1.010773	20.680654	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-4.140444	-46.517558	-1.800778
-0.000112	-2.007108	-85.194827	
0.57757	-4.140444	-46.517558	-1.800778
-0.000112	-1.552180	-70.856012	
0.71838	-4.140444	-46.517558	-1.800778
-0.000112	-0.498193	-57.466661	
0.85919	-4.140444	-46.517558	-1.800778
-0.000112	-0.178253	-48.009193	
1.00000	-4.140444	-46.517558	-1.800778
-0.000112	-0.710804	-45.752072	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	6.284234	47.034537	1.402497
0.002112	1.565408	105.284186	
0.57757	6.284234	47.034537	1.402497
0.002112	0.977313	87.433476	
0.71838	6.284234	47.034537	1.402497
0.002112	0.388912	70.728518	
0.85919	6.284234	47.034537	1.402497
0.002112	0.315471	58.111102	
1.00000	6.284234	47.034537	1.402497
0.002112	1.248582	54.601914	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.381263	-53.747281	-2.229807
-1.48E-05	-2.486675	-92.764041	
0.57757	-6.381263	-53.747281	-2.229807
-1.48E-05	-1.552140	-75.575257	
0.71838	-6.381263	-53.747281	-2.229807
-1.48E-05	-0.618863	-58.749347	
0.85919	-6.381263	-53.747281	-2.229807
-1.48E-05	-0.195822	-45.016673	
1.00000	-6.381263	-53.747281	-2.229807
-1.48E-05	-0.784980	-38.147281	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.070962	53.617682	1.410362
0.004286	1.568873	118.715885	
0.57757	10.070962	53.617682	1.410362
0.004286	0.978584	98.938053	
0.71838	10.070962	53.617682	1.410362
0.004286	0.388798	85.193677	
0.85919	10.070962	53.617682	1.410362
0.004286	0.336035	86.553423	
1.00000	10.070962	53.617682	1.410362
0.004286	1.300310	106.009523	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.922453	-106.208602	-2.303967
-0.003300	-2.566055	-127.151850	
0.57757	-6.922453	-106.208602	-2.303967
-0.003300	-1.602561	-87.962692	
0.71838	-6.922453	-106.208602	-2.303967
-0.003300	-0.640421	-53.180071	
0.85919	-6.922453	-106.208602	-2.303967
-0.003300	-0.212138	-37.733788	
1.00000	-6.922453	-106.208602	-2.303967
-0.003300	-0.803780	-35.276406	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3875

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.941293	16.758300	0.462130
0.000738	0.516822	27.889230	
0.57757	0.941293	16.758300	0.462130
0.000738	0.323022	21.812480	
0.71838	0.941293	16.758300	0.462130
0.000738	0.128931	16.053849	
0.85919	0.941293	16.758300	0.462130
0.000738	0.124771	11.378355	
1.00000	0.941293	16.758300	0.462130
0.000738	0.488375	10.984180	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-3.790412	-22.262382	-0.869747
-7.80E-06	-0.968709	-39.283779	
0.57757	-3.790412	-22.262382	-0.869747
-7.80E-06	-0.604134	-31.785670	
0.71838	-3.790412	-22.262382	-0.869747
-7.80E-06	-0.239935	-24.351793	
0.85919	-3.790412	-22.262382	-0.869747
-7.80E-06	-0.063322	-17.443914	
1.00000	-3.790412	-22.262382	-0.869747
-7.80E-06	-0.257452	-13.766817	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	4.888559	51.583882	0.697273
0.004418	0.772736	127.112441	
0.57757	4.888559	51.583882	0.697273
0.004418	0.481891	108.125895	
0.71838	4.888559	51.583882	0.697273
0.004418	0.191800	96.472011	
0.85919	4.888559	51.583882	0.697273
0.004418	0.224046	99.587413	
1.00000	4.888559	51.583882	0.697273
0.004418	0.830020	107.028795	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-5.828183	-78.575702	-1.449843
-0.004100	-1.608439	-73.882182	
0.57757	-5.828183	-78.575702	-1.449843
-0.004100	-1.003787	-44.002203	
0.71838	-5.828183	-78.575702	-1.449843
-0.004100	-0.401028	-27.755962	
0.85919	-5.828183	-78.575702	-1.449843
-0.004100	-0.116913	-17.981951	
1.00000	-5.828183	-78.575702	-1.449843
-0.004100	-0.408815	-11.258896	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	7.314335	48.862738	1.218680
0.005057	1.355107	116.211004	
0.57757	7.314335	48.862738	1.218680
0.005057	0.845618	98.543559	
0.71838	7.314335	48.862738	1.218680
0.005057	0.336528	87.469919	
0.85919	7.314335	48.862738	1.218680
0.005057	0.316504	90.498534	
1.00000	7.314335	48.862738	1.218680
0.005057	1.201824	104.492538	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.750747	-90.879153	-2.116192
-0.003711	-2.352173	-103.787360	
0.57757	-6.750747	-90.879153	-2.116192
-0.003711	-1.467871	-70.920490	
0.71838	-6.750747	-90.879153	-2.116192
-0.003711	-0.585449	-50.383921	
0.85919	-6.750747	-90.879153	-2.116192
-0.003711	-0.188364	-36.302071	
1.00000	-6.750747	-90.879153	-2.116192
-0.003711	-0.699470	-30.163035	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3876

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.128592	63.292743	1.338663
0.003405	1.489674	128.544621	
0.57757	9.128592	63.292743	1.338663
0.003405	0.929559	104.324177	
0.71838	9.128592	63.292743	1.338663
0.003405	0.369187	84.455400	
0.85919	9.128592	63.292743	1.338663
0.003405	0.328481	74.770852	
1.00000	9.128592	63.292743	1.338663
0.003405	1.282098	89.295644	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.275340	-104.039975	-2.277265
-0.003271	-2.538619	-132.256748	
0.57757	-8.275340	-104.039975	-2.277265
-0.003271	-1.585919	-92.876471	
0.71838	-8.275340	-104.039975	-2.277265
-0.003271	-0.634437	-61.038879	
0.85919	-8.275340	-104.039975	-2.277265
-0.003271	-0.199912	-34.221936	
1.00000	-8.275340	-104.039975	-2.277265
-0.003271	-0.761266	-31.902125	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	4.507456	44.914868	0.558320
4.30E-06	0.621072	57.360191	
0.57757	4.507456	44.914868	0.558320
4.30E-06	0.387177	38.772143	
0.71838	4.507456	44.914868	0.558320
4.30E-06	0.153333	20.490035	
0.85919	4.507456	44.914868	0.558320
4.30E-06	0.112917	5.271260	
1.00000	4.507456	44.914868	0.558320
4.30E-06	0.467121	3.202027	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-5.269409	-34.508191	-0.843581
-0.001629	-0.947518	-68.436367	
0.57757	-5.269409	-34.508191	-0.843581
-0.001629	-0.593851	-54.155064	
0.71838	-5.269409	-34.508191	-0.843581
-0.001629	-0.240173	-40.104881	
0.85919	-5.269409	-34.508191	-0.843581
-0.001629	-0.081080	-28.883512	
1.00000	-5.269409	-34.508191	-0.843581
-0.001629	-0.314990	-27.781220	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.569859	67.381471	0.784914
0.005465	0.864175	123.131156	
0.57757	10.569859	67.381471	0.784914
0.005465	0.537422	96.821167	
0.71838	10.569859	67.381471	0.784914
0.005465	0.212476	80.887494	
0.85919	10.569859	67.381471	0.784914
0.005465	0.209842	87.518892	
1.00000	10.569859	67.381471	0.784914
0.005465	0.774309	108.818219	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-6.797341	-116.126702	-1.347485
-0.007760	-1.498607	-117.678918	
0.57757	-6.797341	-116.126702	-1.347485
-0.007760	-0.938443	-70.745059	
0.71838	-6.797341	-116.126702	-1.347485
-0.007760	-0.378763	-43.052785	
0.85919	-6.797341	-116.126702	-1.347485
-0.007760	-0.143259	-26.627436	
1.00000	-6.797341	-116.126702	-1.347485
-0.007760	-0.470847	-24.786620	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3877

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.191308	84.131105	1.033644
0.004179	1.145586	161.688624	
0.57757	9.191308	84.131105	1.033644
0.004179	0.713579	128.847756	
0.71838	9.191308	84.131105	1.033644
0.004179	0.283057	103.499321	
0.85919	9.191308	84.131105	1.033644
0.004179	0.280683	95.044171	
1.00000	9.191308	84.131105	1.033644
0.004179	1.074872	101.498144	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.173492	-109.946926	-1.896974
-0.005921	-2.113994	-126.273876	
0.57757	-9.173492	-109.946926	-1.896974
-0.005921	-1.322425	-82.460964	
0.71838	-9.173492	-109.946926	-1.896974
-0.005921	-0.531723	-52.607391	
0.85919	-9.173492	-109.946926	-1.896974
-0.005921	-0.168008	-31.186387	
1.00000	-9.173492	-109.946926	-1.896974
-0.005921	-0.600406	-23.849289	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	9.375842	73.953065	1.312763
0.004299	1.458841	137.422667	
0.57757	9.375842	73.953065	1.312763
0.004299	0.909987	108.931114	
0.71838	9.375842	73.953065	1.312763
0.004299	0.361495	86.758657	
0.85919	9.375842	73.953065	1.312763
0.004299	0.332061	79.330963	
1.00000	9.375842	73.953065	1.312763
0.004299	1.282195	89.253672	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.673399	-108.708406	-2.268995
-0.004920	-2.528354	-139.287861	
0.57757	-9.673399	-108.708406	-2.268995
-0.004920	-1.580116	-97.593459	
0.71838	-9.673399	-108.708406	-2.268995
-0.004920	-0.631879	-67.534614	
0.85919	-9.673399	-108.708406	-2.268995
-0.004920	-0.202770	-44.824595	
1.00000	-9.673399	-108.708406	-2.268995
-0.004920	-0.752786	-37.453295	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.801000	79.907857	0.937925
0.005539	1.045295	159.527283	
0.57757	11.801000	79.907857	0.937925
0.005539	0.652298	126.920242	
0.71838	11.801000	79.907857	0.937925
0.005539	0.259248	100.684770	
0.85919	11.801000	79.907857	0.937925
0.005539	0.189402	98.815432	
1.00000	11.801000	79.907857	0.937925
0.005539	0.711573	104.598983	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-8.804286	-125.801436	-1.251163
-0.007108	-1.396036	-138.430192	
0.57757	-8.804286	-125.801436	-1.251163
-0.007108	-0.873019	-93.853969	
0.71838	-8.804286	-125.801436	-1.251163
-0.007108	-0.350089	-67.532970	
0.85919	-8.804286	-125.801436	-1.251163
-0.007108	-0.148556	-45.424244	
1.00000	-8.804286	-125.801436	-1.251163
-0.007108	-0.541376	-43.744332	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3878

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	10.569859	84.131105	1.410362
0.005465	1.568873	161.688624	
0.57757	10.569859	84.131105	1.410362
0.005465	0.978584	128.847756	
0.71838	10.569859	84.131105	1.410362
0.005465	0.388812	103.499321	
0.85919	10.569859	84.131105	1.410362
0.005465	0.336035	99.587413	
1.00000	10.569859	84.131105	1.410362
0.005465	1.300310	108.818219	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.673399	-116.126702	-2.303967
-0.007760	-2.566055	-139.287861	
0.57757	-9.673399	-116.126702	-2.303967
-0.007760	-1.602561	-97.593459	
0.71838	-9.673399	-116.126702	-2.303967
-0.007760	-0.640421	-67.534614	
0.85919	-9.673399	-116.126702	-2.303967
-0.007760	-0.212138	-48.009193	
1.00000	-9.673399	-116.126702	-2.303967
-0.007760	-0.803780	-45.752072	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.801000	84.131105	1.410362
0.005539	1.568873	161.688624	
0.57757	11.801000	84.131105	1.410362
0.005539	0.978584	128.847756	
0.71838	11.801000	84.131105	1.410362
0.005539	0.388912	103.499321	
0.85919	11.801000	84.131105	1.410362
0.005539	0.336035	99.587413	
1.00000	11.801000	84.131105	1.410362
0.005539	1.300310	108.818219	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.673399	-125.801436	-2.303967
-0.007760	-2.566055	-139.287861	
0.57757	-9.673399	-125.801436	-2.303967
-0.007760	-1.602561	-97.593459	
0.71838	-9.673399	-125.801436	-2.303967
-0.007760	-0.640421	-67.534614	
0.85919	-9.673399	-125.801436	-2.303967
-0.007760	-0.212138	-48.009193	
1.00000	-9.673399	-125.801436	-2.303967
-0.007760	-0.803780	-45.752072	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	11.801000	84.131105	1.410362
0.005539	1.568873	161.688624	
0.57757	11.801000	84.131105	1.410362
0.005539	0.978584	128.847756	
0.71838	11.801000	84.131105	1.410362
0.005539	0.388912	103.499321	
0.85919	11.801000	84.131105	1.410362
0.005539	0.336035	99.587413	
1.00000	11.801000	84.131105	1.410362
0.005539	1.300310	108.818219	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-9.673399	-125.801436	-2.303967
-0.007760	-2.566055	-139.287861	
0.57757	-9.673399	-125.801436	-2.303967
-0.007760	-1.602561	-97.593459	
0.71838	-9.673399	-125.801436	-2.303967
-0.007760	-0.640421	-67.534614	
0.85919	-9.673399	-125.801436	-2.303967
-0.007760	-0.212138	-48.009193	
1.00000	-9.673399	-125.801436	-2.303967
-0.007760	-0.803780	-45.752072	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3879

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 371 ========== LENGTH = 2.977458

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.763559	2.444777	0.529357
0.000898	0.295304	10.537579	
0.14085	2.763559	2.444777	0.529357
0.000898	0.073257	17.078535	
0.28169	2.763559	2.444777	0.529357
0.000898	0.126319	23.870047	
0.42254	2.763559	2.444777	0.529357
0.000898	0.314629	30.744095	
0.56339	2.763559	2.444777	0.529357
0.000898	0.502938	37.642170	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.109503	-16.539813	-0.449049
-0.000194	-0.250338	-23.490811	
0.14085	-1.109503	-16.539813	-0.449049
-0.000194	-0.062010	-24.001326	
0.28169	-1.109503	-16.539813	-0.449049
-0.000194	-0.148704	-24.103754	
0.42254	-1.109503	-16.539813	-0.449049
-0.000194	-0.370706	-25.093732	
0.56339	-1.109503	-16.539813	-0.449049
-0.000194	-0.592698	-25.707847	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.638838	12.310363	0.859490
0.001752	0.480875	16.801131	
0.14085	3.638838	12.310363	0.859490
0.001752	0.120258	27.105690	
0.28169	3.638838	12.310363	0.859490
0.001752	0.230284	38.180788	
0.42254	3.638838	12.310363	0.859490
0.001752	0.570176	50.475584	
0.56339	3.638838	12.310363	0.859490
0.001752	0.910386	63.297152	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.622965	-31.111225	-0.811616
-0.000347	-0.451524	-43.751632	
0.14085	-4.622965	-31.111225	-0.811616
-0.000347	-0.111179	-43.497639	
0.28169	-4.622965	-31.111225	-0.811616
-0.000347	-0.240669	-47.647497	
0.42254	-4.622965	-31.111225	-0.811616
-0.000347	-0.601173	-50.497186	
0.56339	-4.622965	-31.111225	-0.811616
-0.000347	-0.961614	-54.401587	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.911471	52.404677	0.922838
0.001954	0.516251	42.960307	
0.14085	3.911471	52.404677	0.922838
0.001954	0.128958	45.103228	
0.28169	3.911471	52.404677	0.922838
0.001954	0.314422	54.217616	
0.42254	3.911471	52.404677	0.922838
0.001954	0.777145	64.869936	
0.56339	3.911471	52.404677	0.922838
0.001954	1.240459	76.013498	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.316614	-38.846866	-1.104828
-0.000135	-0.612953	-36.080687	
0.14085	-7.316614	-38.846866	-1.104828
-0.000135	-0.149616	-34.746524	
0.28169	-7.316614	-38.846866	-1.104828
-0.000135	-0.257593	-50.120117	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3880

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-7.316614	-38.846866	-1.104828
-0.000135	-0.644706	-70.063443	
0.56339	-7.316614	-38.846866	-1.104828
-0.000135	-1.031765	-91.039584	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.861309	88.416605	0.932735
0.004788	0.535030	102.282959	
0.14085	6.861309	88.416605	0.932735
0.004788	0.144440	102.352655	
0.28169	6.861309	88.416605	0.932735
0.004788	0.347073	108.048419	
0.42254	6.861309	88.416605	0.932735
0.004788	0.859161	125.019972	
0.56339	6.861309	88.416605	0.932735
0.004788	1.371788	149.084171	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.777965	-69.201879	-1.228510
-0.003811	-0.696826	-33.324713	
0.14085	-8.777965	-69.201879	-1.228510
-0.003811	-0.182107	-35.599976	
0.28169	-8.777965	-69.201879	-1.228510
-0.003811	-0.260971	-52.050262	
0.42254	-8.777965	-69.201879	-1.228510
-0.003811	-0.652199	-71.982966	
0.56339	-8.777965	-69.201879	-1.228510
-0.003811	-1.043400	-103.705744	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.761447	19.707782	0.316978
0.000753	0.177711	9.601533	
0.14085	0.761447	19.707782	0.316978
0.000753	0.044746	11.852453	
0.28169	0.761447	19.707782	0.316978
0.000753	0.125659	15.479978	
0.42254	0.761447	19.707782	0.316978
0.000753	0.309091	20.099290	
0.56339	0.761447	19.707782	0.316978
0.000753	0.492563	26.880189	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.387516	-16.753713	-0.437532
-9.31E-06	-0.241433	-14.538551	
0.14085	-4.387516	-16.753713	-0.437532
-9.31E-06	-0.059002	-18.149282	
0.28169	-4.387516	-16.753713	-0.437532
-9.31E-06	-0.088151	-24.047570	
0.42254	-4.387516	-16.753713	-0.437532
-9.31E-06	-0.221155	-31.180829	
0.56339	-4.387516	-16.753713	-0.437532
-9.31E-06	-0.354055	-38.773639	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.207910	106.224705	0.436802
0.005428	0.263556	104.900078	
0.14085	2.207910	106.224705	0.436802
0.005428	0.081285	78.351606	
0.28169	2.207910	106.224705	0.436802
0.005428	0.239392	59.153490	
0.42254	2.207910	106.224705	0.436802
0.005428	0.590529	55.321287	
0.56339	2.207910	106.224705	0.436802
0.005428	0.941669	61.182606	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.004226	-29.726341	-0.845669
-0.004598	-0.487622	-12.523345	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3881
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.14085	-9.004226	-29.726341	-0.845669
-0.004598	-0.133616	-10.849519	
0.28169	-9.004226	-29.726341	-0.845669
-0.004598	-0.121558	-27.931946	
0.42254	-9.004226	-29.726341	-0.845669
-0.004598	-0.304823	-49.465031	
0.56339	-9.004226	-29.726341	-0.845669
-0.004598	-0.488063	-87.053780	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.585773	97.349097	0.796578
0.005621	0.462618	100.698162	
0.14085	3.585773	97.349097	0.796578
0.005621	0.129317	82.487653	
0.28169	3.585773	97.349097	0.796578
0.005621	0.316677	70.789170	
0.42254	3.585773	97.349097	0.796578
0.005621	0.720458	72.925376	
0.56339	3.585773	97.349097	0.796578
0.005621	1.245066	83.813740	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.778742	-40.245597	-1.114478
-0.004155	-0.634114	-30.382348	
0.14085	-9.778742	-40.245597	-1.114478
-0.004155	-0.167387	-29.345173	
0.28169	-9.778742	-40.245597	-1.114478
-0.004155	-0.222475	-45.649764	
0.42254	-9.778742	-40.245597	-1.114478
-0.004155	-0.556612	-65.610574	
0.56339	-9.778742	-40.245597	-1.114478
-0.004155	-0.890738	-100.113983	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.277075	89.185933	0.910169
0.003996	0.520153	86.631522	
0.14085	7.277075	89.185933	0.910169
0.003996	0.138925	92.681763	
0.28169	7.277075	89.185933	0.910169
0.003996	0.349575	104.377759	
0.42254	7.277075	89.185933	0.910169
0.003996	0.864543	125.443608	
0.56339	7.277075	89.185933	0.910169
0.003996	1.379601	152.333448	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.312331	-75.940237	-1.233142
-0.003434	-0.695386	-30.889059	
0.14085	-9.312331	-75.940237	-1.233142
-0.003434	-0.172792	-36.048451	
0.28169	-9.312331	-75.940237	-1.233142
-0.003434	-0.254330	-55.818673	
0.42254	-9.312331	-75.940237	-1.233142
-0.003434	-0.636112	-79.044125	
0.56339	-9.312331	-75.940237	-1.233142
-0.003434	-1.017858	-112.061020	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.430247	31.054611	0.436066
1.95E-05	0.243672	2.706460	
0.14085	5.430247	31.054611	0.436066
1.95E-05	0.060749	5.888499	
0.28169	5.430247	31.054611	0.436066
1.95E-05	0.131374	22.395152	
0.42254	5.430247	31.054611	0.436066
1.95E-05	0.328449	39.224740	
0.56339	5.430247	31.054611	0.436066
1.95E-05	0.525552	56.193136	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3882
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.165669	-40.723819	-0.470031
-0.001425	-0.263113	-13.486593	
0.14085	-3.165669	-40.723819	-0.470031
-0.001425	-0.066221	-23.211333	
0.28169	-3.165669	-40.723819	-0.470031
-0.001425	-0.122089	-35.391074	
0.42254	-3.165669	-40.723819	-0.470031
-0.001425	-0.304966	-48.142755	
0.56339	-3.165669	-40.723819	-0.470031
-0.001425	-0.487837	-61.077401	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.116457	111.681979	0.571415
0.005442	0.341691	102.094154	
0.14085	8.116457	111.681979	0.571415
0.005442	0.103165	87.637483	
0.28169	8.116457	111.681979	0.571415
0.005442	0.232234	82.895154	
0.42254	8.116457	111.681979	0.571415
0.005442	0.578455	96.103337	
0.56339	8.116457	111.681979	0.571415
0.005442	0.924743	120.856090	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.331889	-64.564827	-0.835896
-0.007112	-0.490570	-13.307501	
0.14085	-7.331889	-64.564827	-0.835896
-0.007112	-0.140983	-34.840426	
0.28169	-7.331889	-64.564827	-0.835896
-0.007112	-0.160607	-41.479770	
0.42254	-7.331889	-64.564827	-0.835896
-0.007112	-0.400243	-61.245708	
0.56339	-7.331889	-64.564827	-0.835896
-0.007112	-0.639902	-100.152950	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.630666	118.758288	0.720554
0.004384	0.418789	90.043882	
0.14085	7.630666	118.758288	0.720554
0.004384	0.117335	82.488043	
0.28169	7.630666	118.758288	0.720554
0.004384	0.316446	85.419747	
0.42254	7.630666	118.758288	0.720554
0.004384	0.785367	101.276899	
0.56339	7.630666	118.758288	0.720554
0.004384	1.254341	125.293899	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.789107	-71.460184	-1.125264
-0.005186	-0.642350	-14.741486	
0.14085	-9.789107	-71.460184	-1.125264
-0.005186	-0.171196	-24.299340	
0.28169	-9.789107	-71.460184	-1.125264
-0.005186	-0.201269	-51.817948	
0.42254	-9.789107	-71.460184	-1.125264
-0.005186	-0.503478	-82.211107	
0.56339	-9.789107	-71.460184	-1.125264
-0.005186	-0.805750	-126.901324	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.420472	102.172568	0.915415
0.004226	0.525036	78.578518	
0.14085	7.420472	102.172568	0.915415
0.004226	0.141713	76.935174	
0.28169	7.420472	102.172568	0.915415
0.004226	0.351044	84.316569	
0.42254	7.420472	102.172568	0.915415
0.004226	0.869162	102.503004	
0.56339	7.420472	102.172568	0.915415
0.004226	1.387345	127.482329	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3883
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.359639	-71.329215	-1.241411
-0.004298	-0.702642	-30.156854	
0.14085	-10.359639	-71.329215	-1.241411
-0.004298	-0.182725	-38.689767	
0.28169	-10.359639	-71.329215	-1.241411
-0.004298	-0.255664	-61.839323	
0.42254	-10.359639	-71.329215	-1.241411
-0.004298	-0.639623	-88.398859	
0.56339	-10.359639	-71.329215	-1.241411
-0.004298	-1.023579	-126.202288	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.992570	3.556085	0.788190
0.000985	0.439681	14.053995	
0.14085	4.992570	3.556085	0.788190
0.000985	0.108360	22.550991	
0.28169	4.992570	3.556085	0.788190
0.000985	0.275919	31.725770	
0.42254	4.992570	3.556085	0.788190
0.000985	0.689980	41.357760	
0.56339	4.992570	3.556085	0.788190
0.000985	1.096618	51.187549	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.067311	-24.455132	-0.978575
-0.000160	-0.543700	-26.188732	
0.14085	-1.067311	-24.455132	-0.978575
-0.000160	-0.133606	-25.839385	
0.28169	-1.067311	-24.455132	-0.978575
-0.000160	-0.221257	-26.094480	
0.42254	-1.067311	-24.455132	-0.978575
-0.000160	-0.551966	-26.799657	
0.56339	-1.067311	-24.455132	-0.978575
-0.000160	-0.882750	-27.744036	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.187377	12.732100	1.277373
0.001846	0.715663	20.706335	
0.14085	6.187377	12.732100	1.277373
0.001846	0.178717	35.489410	
0.28169	6.187377	12.732100	1.277373
0.001846	0.492522	51.959809	
0.42254	6.187377	12.732100	1.277373
0.001846	1.219118	69.651170	
0.56339	6.187377	12.732100	1.277373
0.001846	1.946648	87.859399	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.182620	-45.068313	-1.734452
-0.000265	-0.960761	-45.762718	
0.14085	-4.182620	-45.068313	-1.734452
-0.000265	-0.234074	-45.693070	
0.28169	-4.182620	-45.068313	-1.734452
-0.000265	-0.355558	-47.408618	
0.42254	-4.182620	-45.068313	-1.734452
-0.000265	-0.891614	-50.812635	
0.56339	-4.182620	-45.068313	-1.734452
-0.000265	-1.427589	-55.314374	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.224056	46.338049	1.420204
0.002004	0.795426	54.621498	
0.14085	6.224056	46.338049	1.420204
0.002004	0.198728	61.121110	
0.28169	6.224056	46.338049	1.420204
0.002004	0.612829	75.819352	
0.42254	6.224056	46.338049	1.420204
0.002004	1.515666	94.102437	
0.56339	6.224056	46.338049	1.420204
0.002004	2.419942	113.426129	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3884
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.339049	-53.407108	-2.156009
-0.000154	-1.193325	-38.149812	
0.14085	-6.339049	-53.407108	-2.156009
-0.000154	-0.290462	-36.481109	
0.28169	-6.339049	-53.407108	-2.156009
-0.000154	-0.394160	-47.979916	
0.42254	-6.339049	-53.407108	-2.156009
-0.000154	-0.990222	-65.189615	
0.56339	-6.339049	-53.407108	-2.156009
-0.000154	-1.586325	-83.383243	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.320833	79.204468	1.410707
0.004241	0.801375	106.050637	
0.14085	8.320833	79.204468	1.410707
0.004241	0.209347	111.495912	
0.28169	8.320833	79.204468	1.410707
0.004241	0.638440	124.263825	
0.42254	8.320833	79.204468	1.410707
0.004241	1.581948	147.336188	
0.56339	8.320833	79.204468	1.410707
0.004241	2.526586	176.710326	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.319739	-78.563375	-2.258748
-0.003065	-1.265029	-35.267011	
0.14085	-8.319739	-78.563375	-2.258748
-0.003065	-0.319203	-37.984194	
0.28169	-8.319739	-78.563375	-2.258748
-0.003065	-0.392444	-52.282020	
0.42254	-8.319739	-78.563375	-2.258748
-0.003065	-0.982987	-71.976326	
0.56339	-8.319739	-78.563375	-2.258748
-0.003065	-1.573852	-103.142713	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.916595	16.479454	0.483285
0.000790	0.272288	10.994418	
0.14085	0.916595	16.479454	0.483285
0.000790	0.069213	16.028720	
0.28169	0.916595	16.479454	0.483285
0.000790	0.235812	23.119274	
0.42254	0.916595	16.479454	0.483285
0.000790	0.580386	31.177411	
0.56339	0.916595	16.479454	0.483285
0.000790	0.925420	40.110999	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.777088	-22.137442	-0.822547
-5.57E-06	-0.453154	-13.769892	
0.14085	-3.777088	-22.137442	-0.822547
-5.57E-06	-0.109084	-16.082338	
0.28169	-3.777088	-22.137442	-0.822547
-5.57E-06	-0.132084	-20.735435	
0.42254	-3.777088	-22.137442	-0.822547
-5.57E-06	-0.301158	-26.513414	
0.56339	-3.777088	-22.137442	-0.822547
-5.57E-06	-0.538025	-32.836553	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.227272	90.636449	0.712844
0.004964	0.419290	107.083222	
0.14085	2.227272	90.636449	0.712844
0.004964	0.120911	86.370358	
0.28169	2.227272	90.636449	0.712844
0.004964	0.397581	74.321992	
0.42254	2.227272	90.636449	0.712844
0.004964	0.980150	76.126218	
0.56339	2.227272	90.636449	0.712844
0.004964	1.563806	86.963479	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3885
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.950608	-36.111617	-1.401272
-0.003899	-0.793241	-11.251470	
0.14085	-7.950608	-36.111617	-1.401272
-0.003899	-0.270689	-9.862993	
0.28169	-7.950608	-36.111617	-1.401272
-0.003899	-0.194909	-23.561791	
0.42254	-7.950608	-36.111617	-1.401272
-0.003899	-0.492193	-42.540651	
0.56339	-7.950608	-36.111617	-1.401272
-0.003899	-0.789639	-78.400450	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.880614	84.181487	1.236457
0.005330	0.710616	104.553263	
0.14085	4.880614	84.181487	1.236457
0.005330	0.191645	93.190978	
0.28169	4.880614	84.181487	1.236457
0.005330	0.579871	90.244554	
0.42254	4.880614	84.181487	1.236457
0.005330	1.431565	99.872131	
0.56339	4.880614	84.181487	1.236457
0.005330	2.284764	117.745138	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.661950	-52.320758	-2.042459
-0.003529	-1.146592	-30.161117	
0.14085	-8.661950	-52.320758	-2.042459
-0.003529	-0.291997	-28.999376	
0.28169	-8.661950	-52.320758	-2.042459
-0.003529	-0.341293	-42.228720	
0.42254	-8.661950	-52.320758	-2.042459
-0.003529	-0.858773	-60.077161	
0.56339	-8.661950	-52.320758	-2.042459
-0.003529	-1.375707	-93.269555	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.695398	84.511064	1.341796
0.003631	0.761398	89.323051	
0.14085	7.695398	84.511064	1.341796
0.003631	0.198280	99.066145	
0.28169	7.695398	84.511064	1.341796
0.003631	0.634322	116.297235	
0.42254	7.695398	84.511064	1.341796
0.003631	1.571638	141.966414	
0.56339	7.695398	84.511064	1.341796
0.003631	2.509345	172.861072	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.441263	-81.283046	-2.242044
-0.002873	-1.253709	-31.886049	
0.14085	-9.441263	-81.283046	-2.242044
-0.002873	-0.314717	-39.620604	
0.28169	-9.441263	-81.283046	-2.242044
-0.002873	-0.372654	-59.936180	
0.42254	-9.441263	-81.283046	-2.242044
-0.002873	-0.934974	-84.303191	
0.56339	-9.441263	-81.283046	-2.242044
-0.002873	-1.496653	-118.156193	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.547825	45.050638	0.541107
1.51E-05	0.301523	3.196486	
0.14085	4.547825	45.050638	0.541107
1.51E-05	0.074798	7.029654	
0.28169	4.547825	45.050638	0.541107
1.51E-05	0.248116	20.524910	
0.42254	4.547825	45.050638	0.541107
1.51E-05	0.622138	34.768132	
0.56339	4.547825	45.050638	0.541107
1.51E-05	0.996038	49.182991	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3886
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.305807	-34.862448	-0.891713
-0.001620	-0.500028	-27.774321	
0.14085	-5.305807	-34.862448	-0.891713
-0.001620	-0.125369	-40.043240	
0.28169	-5.305807	-34.862448	-0.891713
-0.001620	-0.152617	-57.650478	
0.42254	-5.305807	-34.862448	-0.891713
-0.001620	-0.379317	-76.162317	
0.56339	-5.305807	-34.862448	-0.891713
-0.001620	-0.606191	-94.877828	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.874249	123.753869	0.751883
0.005686	0.445351	108.878492	
0.14085	6.874249	123.753869	0.751883
0.005686	0.131448	93.200994	
0.28169	6.874249	123.753869	0.751883
0.005686	0.388321	84.643595	
0.42254	6.874249	123.753869	0.751883
0.005686	0.970507	93.444835	
0.56339	6.874249	123.753869	0.751883
0.005686	1.552299	114.345904	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.894711	-56.537514	-1.401410
-0.007148	-0.810729	-24.756889	
0.14085	-9.894711	-56.537514	-1.401410
-0.007148	-0.223396	-42.098865	
0.28169	-9.894711	-56.537514	-1.401410
-0.007148	-0.210929	-62.992460	
0.42254	-9.894711	-56.537514	-1.401410
-0.007148	-0.522885	-89.202733	
0.56339	-9.894711	-56.537514	-1.401410
-0.007148	-0.835769	-138.726623	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.523032	124.501173	1.022426
0.004712	0.590690	101.545152	
0.14085	6.523032	124.501173	1.022426
0.004712	0.162866	91.831508	
0.28169	6.523032	124.501173	1.022426
0.004712	0.537965	93.610699	
0.42254	6.523032	124.501173	1.022426
0.004712	1.337215	108.761837	
0.56339	6.523032	124.501173	1.022426
0.004712	2.136565	132.929565	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.389700	-67.044295	-1.916774
-0.005430	-1.086585	-23.821518	
0.14085	-11.389700	-67.044295	-1.916774
-0.005430	-0.283568	-38.098095	
0.28169	-11.389700	-67.044295	-1.916774
-0.005430	-0.284088	-67.772395	
0.42254	-11.389700	-67.044295	-1.916774
-0.005430	-0.710892	-100.817221	
0.56339	-11.389700	-67.044295	-1.916774
-0.005430	-1.138045	-151.015953	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.143309	107.329830	1.313649
0.004553	0.751290	89.301474	
0.14085	7.143309	107.329830	1.313649
0.004553	0.200725	87.643189	
0.28169	7.143309	107.329830	1.313649
0.004553	0.634939	95.974499	
0.42254	7.143309	107.329830	1.313649
0.004553	1.574753	115.605373	
0.56339	7.143309	107.329830	1.313649
0.004553	2.514961	142.802202	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3887
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.504087	-73.018605	-2.250377
-0.004511	-1.265720	-37.434330	
0.14085	-11.504087	-73.018605	-2.250377
-0.004511	-0.322986	-49.423194	
0.28169	-11.504087	-73.018605	-2.250377
-0.004511	-0.364572	-74.715108	
0.42254	-11.504087	-73.018605	-2.250377
-0.004511	-0.914094	-103.519617	
0.56339	-11.504087	-73.018605	-2.250377
-0.004511	-1.463577	-146.661461	

COMB DB ---------- MAX

```
 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.116457   118.758288    0.932735
 0.005621   0.535030   104.900078
 0.14085   8.116457   118.758288    0.932735
 0.005621   0.144440   102.352655
 0.28169   8.116457   118.758288    0.932735
 0.005621   0.351044   108.048419
 0.42254   8.116457   118.758288    0.932735
 0.005621   0.869162   125.443608
 0.56339   8.116457   118.758288    0.932735
 0.005621   1.387345   152.333448

 COMB      DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -10.359639   -75.940237   -1.241411
-0.007112   -0.702642   -43.751632
 0.14085  -10.359639   -75.940237   -1.241411
-0.007112   -0.182725   -45.497639
 0.28169  -10.359639   -75.940237   -1.241411
-0.007112   -0.260971   -61.839323
 0.42254  -10.359639   -75.940237   -1.241411
-0.007112   -0.652199   -88.398859
 0.56339  -10.359639   -75.940237   -1.241411
-0.007112   -1.043400  -126.901324

 COMB      DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.320833   124.501173    1.420204
 0.005686   0.801375   108.878492
 0.14085   8.320833   124.501173    1.420204
 0.005686   0.209347   111.495912
 0.28169   8.320833   124.501173    1.420204
 0.005686   0.638440   124.263825
 0.42254   8.320833   124.501173    1.420204
 0.005686   1.581948   147.336188
 0.56339   8.320833   124.501173    1.420204
 0.005686   2.526586   176.710326

 COMB      DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.504087   -81.283046   -2.258748
-0.007148   -1.265720   -45.762718
 0.14085  -11.504087   -81.283046   -2.258748
-0.007148   -0.322986   -49.423194
 0.28169  -11.504087   -81.283046   -2.258748
-0.007148   -0.394160   -74.715108
 0.42254  -11.504087   -81.283046   -2.258748
-0.007148   -0.990222  -103.519617
 0.56339  -11.504087   -81.283046   -2.258748
-0.007148   -1.586325  -151.015953

 COMB      CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.320833   124.501173    1.420204
 0.005686   0.801375   108.878492
 0.14085   8.320833   124.501173    1.420204
 0.005686   0.209347   111.495912
 0.28169   8.320833   124.501173    1.420204
 0.005686   0.638440   124.263825
 0.42254   8.320833   124.501173    1.420204
 0.005686   1.581948   147.336188
 0.56339   8.320833   124.501173    1.420204
 0.005686   2.526586   176.710326
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3888

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB      CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.504087   -81.283046   -2.258748
-0.007148   -1.265720   -45.762718
 0.14085  -11.504087   -81.283046   -2.258748
-0.007148   -0.322986   -49.423194
 0.28169  -11.504087   -81.283046   -2.258748
-0.007148   -0.394160   -74.715108
 0.42254  -11.504087   -81.283046   -2.258748
-0.007148   -0.990222  -103.519617
 0.56339  -11.504087   -81.283046   -2.258748
-0.007148   -1.586325  -151.015953

 COMB    DESIGN ---------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   8.320833   124.501173    1.420204
 0.005686   0.801375   108.878492
 0.14085   8.320833   124.501173    1.420204
 0.005686   0.209347   111.495912
 0.28169   8.320833   124.501173    1.420204
 0.005686   0.638440   124.263825
 0.42254   8.320833   124.501173    1.420204
 0.005686   1.581948   147.336188
 0.56339   8.320833   124.501173    1.420204
 0.005686   2.526586   176.710326

 COMB    DESIGN ---------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -11.504087   -81.283046   -2.258748
-0.007148   -1.265720   -45.762718
 0.14085  -11.504087   -81.283046   -2.258748
-0.007148   -0.322986   -49.423194
 0.28169  -11.504087   -81.283046   -2.258748
-0.007148   -0.394160   -74.715108
 0.42254  -11.504087   -81.283046   -2.258748
-0.007148   -0.990222  -103.519617
 0.56339  -11.504087   -81.283046   -2.258748
-0.007148   -1.586325  -151.015953

 ELEM      372 ================== LENGTH
=     2.977796

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    1.715493    8.338577    0.463450
 0.001215   0.515620    2.111040
 0.57742    1.715493    8.338577    0.463450
 0.001215   0.321228    1.353795
 0.71828    1.715493    8.338577    0.463450
 0.001215   0.126822    3.080663
 0.85914    1.715493    8.338577    0.463450
 0.001215   0.063294    6.009098
 1.00000    1.715493    8.338577    0.463450
 0.001215   0.244605   10.194163

 COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -2.567132   -11.878308   -0.432188
-1.05E-05   -0.480519   -25.560121
 0.57742   -2.567132   -11.878308   -0.432188
-1.05E-05   -0.299247   -28.559291
 0.71828   -2.567132   -11.878308   -0.432188
-1.05E-05   -0.117980   -31.587798
 0.85914   -2.567132   -11.878308   -0.432188
-1.05E-05   -0.067517   -34.638682
 1.00000   -2.567132   -11.878308   -0.432188
-1.05E-05   -0.261971   -37.847094

 COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    2.083839   26.798516    0.753823
 0.002187   0.838783   22.373933
 0.57742    2.083839   26.798516    0.753823
 0.002187   0.522591   15.468620
 0.71828    2.083839   26.798516    0.753823
 0.002187   0.206352   11.306482
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3889

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.85914    2.083839   26.798516    0.753823
 0.002187   0.114395   11.452488
 1.00000    2.083839   26.798516    0.753823
 0.002187   0.442770   17.029924

 COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -6.854735   -21.454907   -0.784496
-0.000217   -0.874426   -39.211618
 0.57742   -6.854735   -21.454907   -0.784496
-0.000217   -0.545628   -40.465659
 0.71828   -6.854735   -21.454907   -0.784496
-0.000217   -0.216943   -44.869519
 0.85914   -6.854735   -21.454907   -0.784496
-0.000217   -0.110302   -51.077494
 1.00000   -6.854735   -21.454907   -0.784496
-0.000217   -0.426223   -58.153438

 COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    1.804219   77.010310    0.799189
 0.001739   0.889591   151.590539
 0.57742    1.804219   77.010310    0.799189
 0.001739   0.554370   123.030589
 0.71828    1.804219   77.010310    0.799189
 0.001739   0.219088   96.961655
 0.85914    1.804219   77.010310    0.799189
 0.001739   0.153382   73.537131
 1.00000    1.804219   77.010310    0.799189
 0.001739   0.599891   54.488996

 COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656  -10.165076   -20.910638   -1.066997
-6.49E-06   -1.190666   -41.980341
 0.57742  -10.165076   -20.910638   -1.066997
-6.49E-06   -0.743157   -42.384951
 0.71828  -10.165076   -20.910638   -1.066997
-6.49E-06   -0.295651   -44.545359
 0.85914  -10.165076   -20.910638   -1.066997
-6.49E-06   -0.115966   -47.825178
 1.00000  -10.165076   -20.910638   -1.066997
-6.49E-06   -0.451303   -51.212567

 COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    7.951430   71.968549    0.840286
 0.004825   0.935265   146.535664
 0.57742    7.951430   71.968549    0.840286
 0.004825   0.582808   121.304995
 0.71828    7.951430   71.968549    0.840286
 0.004825   0.230251   105.612309
 0.85914    7.951430   71.968549    0.840286
 0.004825   0.182043   105.324497
 1.00000    7.951430   71.968549    0.840286
 0.004825   0.673827   119.395073

 COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -9.069224   -96.076719   -1.176234
-0.004083   -1.299961   -93.740725
 0.57742   -9.069224   -96.076719   -1.176234
-0.004083   -0.811404   -64.751550
 0.71828   -9.069224   -96.076719   -1.176234
-0.004083   -0.324766   -48.877665
 0.85914   -9.069224   -96.076719   -1.176234
-0.004083   -0.134029   -40.955364
 1.00000   -9.069224   -96.076719   -1.176234
-0.004083   -0.479247   -45.988048

 COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    0.396772   32.204087    0.277383
 0.000723   0.308833   55.108256
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3890

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.57742    0.396772   32.204087    0.277383
 0.000723   0.192490   42.216062
 0.71828    0.396772   32.204087    0.277383
 0.000723   0.076109   29.816186
 0.85914    0.396772   32.204087    0.277383
 0.000723   0.060466   18.613375
 1.00000    0.396772   32.204087    0.277383
 0.000723   0.238261   12.583061

 COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -5.359461   -7.841815   -0.423801
-8.74E-05   -0.472906   -15.469171
 0.57742   -5.359461   -7.841815   -0.423801
-8.74E-05   -0.295155   -12.429195
 0.71828   -5.359461   -7.841815   -0.423801
-8.74E-05   -0.117407   -11.505696
 0.85914   -5.359461   -7.841815   -0.423801
-8.74E-05   -0.040202   -12.142805
 1.00000   -5.359461   -7.841815   -0.423801
-8.74E-05   -0.156541   -13.122966

 COMB DB-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    4.344264   78.530921    0.379683
 0.005131   0.422869   183.668674
 0.57742    4.344264   78.530921    0.379683
 0.005131   0.224611   152.688841
 0.71828    4.344264   78.530921    0.379683
 0.005131   0.104227   130.955949
 0.85914    4.344264   78.530921    0.379683
 0.005131   0.136849   125.450964
 1.00000    4.344264   78.530921    0.379683
 0.005131   0.480882   123.330363

 COMB DB-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -8.081178   -66.444764   -0.822383
-0.004820   -0.898888   -40.553304
 0.57742   -8.081178   -66.444764   -0.822383
-0.004820   -0.560505   -17.832341
 0.71828   -8.081178   -66.444764   -0.822383
-0.004820   -0.224684   -13.020651
 0.85914   -8.081178   -66.444764   -0.822383
-0.004820   -0.071332   -12.742786
 1.00000   -8.081178   -66.444764   -0.822383
-0.004820   -0.220563   -12.979489

 COMB DB-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    4.850052   78.815823    0.695603
 0.005580   0.774304   165.094463
 0.57742    4.850052   78.815823    0.695603
 0.005580   0.482534   137.252031
 0.71828    4.850052   78.815823    0.695603
 0.005580   0.190624   117.817560
 0.85914    4.850052   78.815823    0.695603
 0.005580   0.172344   115.279914
 1.00000    4.850052   78.815823    0.695603
 0.005580   0.626544   117.174728

 COMB DB-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -9.964562   -68.960450   -1.084663
-0.004356   -1.193271   -52.106972
 0.57742   -9.964562   -68.960450   -1.084663
-0.004356   -0.744242   -35.214079
 0.71828   -9.964562   -68.960450   -1.084663
-0.004356   -0.297531   -34.130149
 0.85914   -9.964562   -68.960450   -1.084663
-0.004356   -0.111333   -36.915126
 1.00000   -9.964562   -68.960450   -1.084663
-0.004356   -0.398562   -40.212797
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3891

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    9.061097   75.020695    0.839871
 0.003888   0.934916   148.846810
 0.57742    9.061097   75.020695    0.839871
 0.003888   0.582832   121.973289
 0.71828    9.061097   75.020695    0.839871
 0.003888   0.230257   101.109856
 0.85914    9.061097   75.020695    0.839871
 0.003888   0.176471   93.157637
 1.00000    9.061097   75.020695    0.839871
 0.003888   0.666959   103.178373

 COMB DB-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -9.173582  -101.916023   -1.170825
-0.003803   -1.297540   -113.555143
 0.57742   -9.173582  -101.916023   -1.170825
-0.003803   -0.810369   -80.032579
 0.71828   -9.173582  -101.916023   -1.170825
-0.003803   -0.324796   -57.134605
 0.85914   -9.173582  -101.916023   -1.170825
-0.003803   -0.131584   -36.938890
 1.00000   -9.173582  -101.916023   -1.170825
-0.003803   -0.478014   -38.722485

 COMB DB-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    7.814596   17.827369    0.455442
 7.32E-06   0.507093   23.135090
 0.57742    7.814596   17.827369    0.455442
 7.32E-06   0.316059   15.845057
 0.71828    7.814596   17.827369    0.455442
 7.32E-06   0.125008    8.795878
 0.85914    7.814596   17.827369    0.455442
 7.32E-06   0.125008    3.220484
 1.00000    7.814596   17.827369    0.455442
 7.32E-06   0.244483    3.033177

 COMB DB-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -1.496457   -60.883174   -0.433603
-0.001406   -0.483014   -114.924534
 0.57742   -1.496457   -60.883174   -0.433603
-0.001406   -0.301149   -89.403503
 0.71828   -1.496457   -60.883174   -0.433603
-0.001406   -0.119265   -63.927503
 0.85914   -1.496457   -60.883174   -0.433603
-0.001406   -0.066023   -38.510766
 1.00000   -1.496457   -60.883174   -0.433603
-0.001406   -0.257057   -13.280352

 COMB DB-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   14.407408   43.342459    0.580929
 0.005649   0.646751   98.090224
 0.57742   14.407408   43.342459    0.580929
 0.005649   0.403085   82.037223
 0.71828   14.407408   43.342459    0.580929
 0.005649   0.159339   77.314537
 0.85914   14.407408   43.342459    0.580929
 0.005649   0.133964   92.596184
 1.00000   14.407408   43.342459    0.580929
 0.005649   0.454146   113.218236

 COMB DB-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -2.911514   -145.815507   -0.765752
-0.007531   -0.834682   -157.963523
 0.57742   -2.911514   -145.815507   -0.765752
-0.007531   -0.572575   -129.940133
 0.71828   -2.911514   -145.815507   -0.765752
-0.007531   -0.212128   -67.363215
 0.85914   -2.911514   -145.815507   -0.765752
-0.007531   -0.104231   -35.914643
 1.00000   -2.911514   -145.815507   -0.765752
-0.007531   -0.335674   -12.308265
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3892

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   11.831028   80.934107    0.704444
 0.004076   0.784472   177.924566
 0.57742   11.831028   80.934107    0.704444
 0.004076   0.488995   145.641179
 0.71828   11.831028   80.934107    0.704444
 0.004076   0.193418   121.227999
 0.85914   11.831028   80.934107    0.704444
 0.004076   0.166059   111.000576
 1.00000   11.831028   80.934107    0.704444
 0.004076   0.603652   106.260716

 COMB DB-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -7.311595  -123.056984   -1.046867
-0.005467   -1.156147   -149.630835
 0.57742   -7.311595  -123.056984   -1.046867
-0.005467   -0.722572   -102.231541
 0.71828   -7.311595  -123.056984   -1.046867
-0.005467   -0.291271   -68.322868
 0.85914   -7.311595  -123.056984   -1.046867
-0.005467   -0.115626   -37.245917
 1.00000   -7.311595  -123.056984   -1.046867
-0.005467   -0.402781   -14.056275

 COMB DB-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   10.421724   77.790349    0.862738
 0.004106   0.960490   153.069520
 0.57742   10.421724   77.790349    0.862738
 0.004106   0.598610   124.302093
 0.71828   10.421724   77.790349    0.862738
 0.004106   0.236635   102.284401
 0.85914   10.421724   77.790349    0.862738
 0.004106   0.180376   93.478562
 1.00000   10.421724   77.790349    0.862738
 0.004106   0.668891   91.969957

 COMB DB-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -9.070310  -109.293315   -1.167632
-0.004531   -1.292942   -135.660599
 0.57742   -9.070310  -109.293315   -1.167632
-0.004531   -0.807761   -97.670484
 0.71828   -9.070310  -109.293315   -1.167632
-0.004531   -0.324454   -72.081840
 0.85914   -9.070310  -109.293315   -1.167632
-0.004531   -0.136421   -49.663127
 1.00000   -9.070310  -109.293315   -1.167632
-0.004531   -0.491408   -33.895222

 COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    2.891074    9.799782    0.670941
 0.001329   0.746964    2.383399
 0.57742    2.891074    9.799782    0.670941
 0.001329   0.465252    1.906735
 0.71828    2.891074    9.799782    0.670941
 0.001329   0.183653    2.541436
 0.85914    2.891074    9.799782    0.670941
 0.001329   0.134365    7.444204
 1.00000    2.891074    9.799782    0.670941
 0.001329   0.524571   13.283717

 COMB DL-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -2.290960   -15.488750   -0.931008
-7.55E-06   -1.036349   -39.949116
 0.57742   -2.290960   -15.488750   -0.931008
-7.55E-06   -0.645843   -38.710553
 0.71828   -2.290960   -15.488750   -0.931008
-7.55E-06   -0.255653   -38.026232
 0.85914   -2.290960   -15.488750   -0.931008
-7.55E-06   -0.096487   -41.211201
 1.00000   -2.290960   -15.488750   -0.931008
-7.55E-06   -0.378557   -44.892762
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3893

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    3.222561   28.287737    1.077590
 0.002201   1.199372   22.250467
 0.57742    3.222561   28.287737    1.077590
 0.002201   0.747574   15.404625
 0.71828    3.222561   28.287737    1.077590
 0.002201   0.294744   10.467821
 0.85914    3.222561   28.287737    1.077590
 0.002201   0.236834   12.405015
 1.00000    3.222561   28.287737    1.077590
 0.002201   0.924429   20.078111

 COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -6.906628   -26.245237   -1.641034
-0.000140   -1.827605   -57.594234
 0.57742   -6.906628   -26.245237   -1.641034
-0.000140   -1.139714   -54.923635
 0.71828   -6.906628   -26.245237   -1.641034
-0.000140   -0.452254   -53.559011
 0.85914   -6.906628   -26.245237   -1.641034
-0.000140   -0.155423   -57.998244
 1.00000   -6.906628   -26.245237   -1.641034
-0.000140   -0.608567   -65.680038

 COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    2.982552   71.987903    1.160273
 0.001835   1.291222   149.527946
 0.57742    2.982552   71.987903    1.160273
 0.001835   0.804484   124.153262
 0.71828    2.982552   71.987903    1.160273
 0.001835   0.316955   100.239433
 0.85914    2.982552   71.987903    1.160273
 0.001835   0.288370   82.288370
 1.00000    2.982552   71.987903    1.160273
 0.001835   1.131593   68.561132

 COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -9.601069   -26.849484   -2.012915
-1.44E-05   -2.243665   -57.835397
 0.57742   -9.601069   -26.849484   -2.012915
-1.44E-05   -1.399815   -54.118681
 0.71828   -9.601069   -26.849484   -2.012915
-1.44E-05   -0.556453   -51.110963
 0.85914   -9.601069   -26.849484   -2.012915
-1.44E-05   -0.166616   -53.247894
 1.00000   -9.601069   -26.849484   -2.012915
-1.44E-05   -0.653918   -57.637086

 COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    8.047635   70.007921    1.192616
 0.004138   1.325911   151.530293
 0.57742    8.047635   70.007921    1.192616
 0.004138   0.826038   127.791810
 0.71828    8.047635   70.007921    1.192616
 0.004138   0.325483   111.764332
 0.85914    8.047635   70.007921    1.192616
 0.004138   0.314863   112.552993
 1.00000    8.047635   70.007921    1.192616
 0.004138   1.203361   126.774106

 COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656   -8.721260   -88.855455   -2.121437
-0.003357   -2.355653   -99.745879
 0.57742   -8.721260   -88.855455   -2.121437
-0.003357   -1.470708   -70.133356
 0.71828   -8.721260   -88.855455   -2.121437
-0.003357   -0.585960   -52.081767
 0.85914   -8.721260   -88.855455   -2.121437
-0.003357   -0.184753   -45.497710
 1.00000   -8.721260   -88.855455   -2.121437
-0.003357   -0.683167   -51.687137
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING          LOAD                >
                                  3894

 F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.43656    0.304369   28.883249    0.390459
 0.000658   0.434548   52.327956
 0.57742    0.304369   28.883249    0.390459
 0.000658   0.270635   40.928804
 0.71828    0.304369   28.883249    0.390459
 0.000658   0.106542   29.926752
 0.85914    0.304369   28.883249    0.390459
 0.000658   0.109788   20.142772
 1.00000    0.304369   28.883249    0.390459
 0.000658   0.429988   13.814861
```

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-5.569797	-9.377859		-0.765200
-7.77E-05	-0.852955	-16.770252		
0.57742	-5.569797	-9.377859		-0.765200
-7.77E-05	-0.532250	-14.369969		
0.71828	-5.569797	-9.377859		-0.765200
-7.77E-05	-0.211655	-12.305233		
0.85914	-5.569797	-9.377859		-0.765200
-7.77E-05	-0.055945	-11.205674		
1.00000	-5.569797	-9.377859		-0.765200
-7.77E-05	-0.220026	-11.999989		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	3.926126	71.156804		0.555513
0.004463	0.616391	182.635251		
0.57742	3.926126	71.156804		0.555513
0.004463	0.383483	155.113489		
0.71828	3.926126	71.156804		0.555513
0.004463	0.150818	136.180478		
0.85914	3.926126	71.156804		0.555513
0.004463	0.204248	130.716543		
1.00000	3.926126	71.156804		0.555513
0.004463	0.747140	128.689940		

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-7.750417	-59.659330		-1.298205
-0.004237	-1.431538	-40.604906		
0.57742	-7.750417	-59.659330		-1.298205
-0.004237	-1.668554	-43.437081		
0.71828	-7.750417	-59.659330		-1.298205
-0.004237	-0.357378	-13.089439		
0.85914	-7.750417	-59.659330		-1.298205
-0.004237	-0.099055	-11.480002		
1.00000	-7.750417	-59.659330		-1.298205
-0.004237	-0.328395	-11.878897		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	4.868087	73.437081		1.005193
0.005064	1.116987	164.118486		
0.57742	4.868087	73.437081		1.005193
0.005064	0.695661	139.434085		
0.71828	4.868087	73.437081		1.005193
0.005064	0.273861	122.595354		
0.85914	4.868087	73.437081		1.005193
0.005064	0.290511	121.083370		
1.00000	4.868087	73.437081		1.005193
0.005064	1.090771	124.018804		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-9.543130	-65.520873		-1.911499
-0.003834	-2.115982	-62.715985		
0.57742	-9.543130	-65.520873		-1.911499
-0.003834	-1.320950	-42.999418		
0.71828	-9.543130	-65.520873		-1.911499
-0.003834	-0.526162	-38.033266		
0.85914	-9.543130	-65.520873		-1.911499
-0.003834	-0.161740	-36.167708		
1.00000	-9.543130	-65.520873		-1.911499
-0.003834	-0.580943	-43.089509		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3895

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	8.331351	73.283580		1.161689
0.003385	1.291558	151.483414		
0.57742	8.331351	73.283580		1.161689
0.003385	0.804370	125.830742		
0.71828	8.331351	73.283580		1.161689
0.003385	0.316941	105.399651		
0.85914	8.331351	73.283580		1.161689
0.003385	0.308500	98.144434		
1.00000	8.331351	73.283580		1.161689
0.003385	1.190369	110.044722		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-9.092529	-94.212116		-2.104296
-0.003262	-2.339639	-112.715664		
0.57742	-9.092529	-94.212116		-2.104296
-0.003262	-1.461439	-79.512402		
0.71828	-9.092529	-94.212116		-2.104296
-0.003262	-0.582952	-55.429399		
0.85914	-9.092529	-94.212116		-2.104296
-0.003262	-0.176266	-38.245840		
1.00000	-9.092529	-94.212116		-2.104296
-0.003262	-0.663998	-42.030983		

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	6.724132	22.958168		0.564382
4.36E-06	0.628009	26.784232		
0.57742	6.724132	22.958168		0.564382
4.36E-06	0.391295	17.762054		
0.71828	6.724132	22.958168		0.564382
4.36E-06	0.154633	8.833298		
0.85914	6.724132	22.958168		0.564382
4.36E-06	0.081742	6.687283		
1.00000	6.724132	22.958168		0.564382
4.36E-06	0.477097	3.616036		

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-2.233049	-55.413896		-0.852417
-0.001480	-0.953639	-106.247966		
0.57742	-2.233049	-55.413896		-0.852417
-0.001480	-0.596574	-83.505576		
0.71828	-2.233049	-55.413896		-0.852417
-0.001480	-0.238294	-60.782905		
0.85914	-2.233049	-55.413896		-0.852417
-0.001480	-0.082265	-41.493846		
1.00000	-2.233049	-55.413896		-0.852417
-0.001480	-0.318928	-25.180379		

COMB DL-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	13.106038	47.314510		0.743008
0.005645	0.824163	105.890925		
0.57742	13.106038	47.314510		0.743008
0.005645	0.513418	88.736549		
0.71828	13.106038	47.314510		0.743008
0.005645	0.202672	83.839306		
0.85914	13.106038	47.314510		0.743008
0.005645	0.214227	100.250923		
1.00000	13.106038	47.314510		0.743008
0.005645	0.773086	122.187849		

COMB DL-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-3.480974	-136.295119		-1.333604
-0.007703	-1.467587	-148.008834		
0.57742	-3.480974	-136.295119		-1.333604
-0.007703	-0.918102	-93.246519		
0.71828	-3.480974	-136.295119		-1.333604
-0.007703	-0.368572	-61.673637		
0.85914	-3.480974	-136.295119		-1.333604
-0.007703	-0.135751	-38.156881		
1.00000	-3.480974	-136.295119		-1.333604
-0.007703	-0.442554	-20.608126		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3896

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	10.830693	77.303265		0.932719
0.004266	1.035969	176.467629		
0.57742	10.830693	77.303265		0.932719
0.004266	0.645086	146.459389		
0.71828	10.830693	77.303265		0.932719
0.004266	0.254350	125.435293		
0.85914	10.830693	77.303265		0.932719
0.004266	0.272631	120.501681		
1.00000	10.830693	77.303265		0.932719
0.004266	1.025074	121.109255		

COMB DL-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-7.446402	-117.433854		-1.795327
-0.005824	-1.988648	-139.546614		
0.57742	-7.446402	-117.433854		-1.795327
-0.005824	-1.243370	-92.282937		
0.71828	-7.446402	-117.433854		-1.795327
-0.005824	-0.498220	-61.850593		
0.85914	-7.446402	-117.433854		-1.795327
-0.005824	-0.154940	-37.900349		
1.00000	-7.446402	-117.433854		-1.795327
-0.005824	-0.542520	-19.894125		

COMB DL-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	9.675812	75.536159		1.166574
0.004292	1.296612	151.515854		
0.57742	9.675812	75.536159		1.166574
0.004292	0.807562	124.618318		
0.71828	9.675812	75.536159		1.166574
0.004292	0.318349	105.523561		
0.85914	9.675812	75.536159		1.166574
0.004292	0.315687	101.733376		
1.00000	9.675812	75.536159		1.166574
0.004292	1.201691	105.479051		

COMB DL-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-9.361111	-106.700329		-2.113988
-0.004839	-2.345697	-133.933966		
0.57742	-9.361111	-106.700329		-2.113988
-0.004839	-1.465556	-94.793606		
0.71828	-9.361111	-106.700329		-2.113988
-0.004839	-0.585419	-69.769545		
0.85914	-9.361111	-106.700329		-2.113988
-0.004839	-0.185001	-51.650183		
1.00000	-9.361111	-106.700329		-2.113988
-0.004839	-0.671819	-40.251031		

COMB DB ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	14.407408	80.934107		0.862738
0.005649	0.960490	183.668674		
0.57742	14.407408	80.934107		0.862738
0.005649	0.598610	152.688841		
0.71828	14.407408	80.934107		0.862738
0.005649	0.236635	130.955949		
0.85914	14.407408	80.934107		0.862738
0.005649	0.182043	125.450964		
1.00000	14.407408	80.934107		0.862738
0.005649	0.673827	123.330363		

COMB DB ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-10.165076	-145.815507		-1.176234
-0.007531	-1.299961	-157.963523		
0.57742	-10.165076	-145.815507		-1.176234
-0.007531	-0.811404	-102.904133		
0.71828	-10.165076	-145.815507		-1.176234
-0.007531	-0.324796	-72.081840		
0.85914	-10.165076	-145.815507		-1.176234
-0.007531	-0.138421	-51.237494		
1.00000	-10.165076	-145.815507		-1.176234
-0.007531	-0.491408	-58.153438		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3897

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	13.106038	77.303265		1.192616
0.005645	1.325911	182.635251		
0.57742	13.106038	77.303265		1.192616
0.005645	0.826038	155.113489		
0.71828	13.106038	77.303265		1.192616
0.005645	0.325483	136.180478		
0.85914	13.106038	77.303265		1.192616
0.005645	0.315687	130.716543		
1.00000	13.106038	77.303265		1.192616
0.005645	1.203361	128.689940		

COMB DL ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-9.601069	-136.295119		-2.121437
-0.007703	-2.355653	-148.008834		
0.57742	-9.601069	-136.295119		-2.121437
-0.007703	-1.470708	-94.793606		
0.71828	-9.601069	-136.295119		-2.121437
-0.007703	-0.585960	-69.769545		
0.85914	-9.601069	-136.295119		-2.121437
-0.007703	-0.185001	-57.998244		
1.00000	-9.601069	-136.295119		-2.121437
-0.007703	-0.683167	-65.680038		

COMB CAR ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	14.407408	80.934107		1.192616
0.005649	1.325911	183.668674		
0.57742	14.407408	80.934107		1.192616
0.005649	0.826038	155.113489		
0.71828	14.407408	80.934107		1.192616
0.005649	0.325483	136.180478		
0.85914	14.407408	80.934107		1.192616
0.005649	0.315687	130.716543		
1.00000	14.407408	80.934107		1.192616
0.005649	1.203361	128.689940		

COMB CAR ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-10.165076	-145.815507		-2.121437
-0.007703	-2.355653	-157.963523		
0.57742	-10.165076	-145.815507		-2.121437
-0.007703	-1.470708	-102.904133		
0.71828	-10.165076	-145.815507		-2.121437
-0.007703	-0.585960	-72.081840		
0.85914	-10.165076	-145.815507		-2.121437
-0.007703	-0.185001	-57.998244		
1.00000	-10.165076	-145.815507		-2.121437
-0.007703	-0.683167	-65.680038		

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43656	14.407408	80.934107		1.192616
0.005649	1.325911	183.668674		
0.57742	14.407408	80.934107		1.192616
0.005649	0.826038	155.113489		
0.71828	14.407408	80.934107		1.192616
0.005649	0.325483	136.180478		
0.85914	14.407408	80.934107		1.192616
0.005649	0.315687	130.716543		
1.00000	14.407408	80.934107		1.192616
0.005649	1.203361	128.689940		

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43656	-10.165076	-145.815507		-2.121437
-0.007703	-2.355653	-157.963523		
0.57742	-10.165076	-145.815507		-2.121437
-0.007703	-1.470708	-102.904133		
0.71828	-10.165076	-145.815507		-2.121437
-0.007703	-0.585960	-72.081840		
0.85914	-10.165076	-145.815507		-2.121437
-0.007703	-0.185001	-57.998244		
1.00000	-10.165076	-145.815507		-2.121437
-0.007703	-0.683167	-65.680038		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3898

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

ELEM 373 ========== LENGTH = 2.976711

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	1.694650	8.362208		0.464914
0.000865	0.261300	10.202229		
0.14082	1.694650	8.362208		0.464914
0.000865	0.066387	14.903128		
0.28164	1.694650	8.362208		0.464914
0.000865	0.118629	19.718608		
0.42246	1.694650	8.362208		0.464914
0.000865	0.297496	24.586890		
0.56328	1.694650	8.362208		0.464914
0.000865	0.476366	29.506894		

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-2.547842	-11.801126		-0.426742
-6.87E-06	-0.239156	-37.855756		
0.14082	-2.547842	-11.801126		-0.426742
-6.87E-06	-0.060246	-41.134241		
0.28164	-2.547842	-11.801126		-0.426742
-6.87E-06	-0.128461	-44.455942		
0.42246	-2.547842	-11.801126		-0.426742
-6.87E-06	-0.323357	-47.788375		
0.56328	-2.547842	-11.801126		-0.426742
-6.87E-06	-0.518239	-51.171611		

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	1.955707	28.256065		0.754742
0.001690	0.424543	17.053421		
0.14082	1.955707	28.256065		0.754742
0.001690	0.108349	23.120689		
0.28164	1.955707	28.256065		0.754742
0.001690	0.214227	29.564594		
0.42246	1.955707	28.256065		0.754742
0.001690	0.534870	36.633474		
0.56328	1.955707	28.256065		0.754742
0.001690	0.855622	44.509570		

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-6.904452	-19.514226		-0.765827
-0.000185	-0.428247	-58.169221		
0.14082	-6.904452	-19.514226		-0.765827
-0.000185	-0.107520	-67.047616		
0.28164	-6.904452	-19.514226		-0.765827
-0.000185	-0.208539	-76.264974		
0.42246	-6.904452	-19.514226		-0.765827
-0.000185	-0.524943	-85.927345		
0.56328	-6.904452	-19.514226		-0.765827
-0.000185	-0.841313	-96.946887		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	1.788984	76.341940		0.801730
0.001832	0.450939	54.479586		
0.14082	1.788984	76.341940		0.801730
0.001832	0.114700	46.418560		
0.28164	1.788984	76.341940		0.801730
0.001832	0.292182	49.443171		
0.42246	1.788984	76.341940		0.801730
0.001832	0.728172	54.917916		
0.56328	1.788984	76.341940		0.801730
0.001832	1.164192	61.173623		

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-10.074364	-20.881606		-1.040222
-6.18E-06	-0.580220	-51.219595		
0.14082	-10.074364	-20.881606		-1.040222
-6.18E-06	-0.144305	-54.903134		
0.28164	-10.074364	-20.881606		-1.040222
-6.18E-06	-0.221162	-70.286015		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3899

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
0.42246	-10.074364	-20.881606		-1.040222
-6.18E-06	-0.557291	-100.918120		
0.56328	-10.074364	-20.881606		-1.040222
-6.18E-06	-0.893354	-132.341016		

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	5.874474	106.154984		0.840938
0.004952	0.479458	119.584678		
0.14082	5.874474	106.154984		0.840938
0.004952	0.132914	113.003887		
0.28164	5.874474	106.154984		0.840938
0.004952	0.324409	115.381512		
0.42246	5.874474	106.154984		0.840938
0.004952	0.808329	129.232996		
0.56328	5.874474	106.154984		0.840938
0.004952	1.293668	151.181168		

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-10.750332	-59.662357		-1.169684
-0.003835	-0.667766	-45.986217		
0.14082	-10.750332	-59.662357		-1.169684
-0.003835	-0.178199	-51.450539		
0.28164	-10.750332	-59.662357		-1.169684
-0.003835	-0.232277	-66.867831		
0.42246	-10.750332	-59.662357		-1.169684
-0.003835	-0.584876	-94.477053		
0.56328	-10.750332	-59.662357		-1.169684
-0.003835	-0.937373	-131.955538		

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.399319	31.927391		0.277737
0.000697	0.156247	12.579754		
0.14082	0.399319	31.927391		0.277737
0.000697	0.039764	11.357319		
0.28164	0.399319	31.927391		0.277737
0.000697	0.115761	12.492499		
0.42246	0.399319	31.927391		0.277737
0.000697	0.286767	14.051122		
0.56328	0.399319	31.927391		0.277737
0.000697	0.457839	15.763493		

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-5.327973	-7.795945		-0.408134
-9.58E-06	-0.226552	-13.124534		
0.14082	-5.327973	-7.795945		-0.408134
-9.58E-06	-0.055588	-17.069314		
0.28164	-5.327973	-7.795945		-0.408134
-9.58E-06	-0.076562	-28.625032		
0.42246	-5.327973	-7.795945		-0.408134
-9.58E-06	-0.193014	-41.051277		
0.56328	-5.327973	-7.795945		-0.408134
-9.58E-06	-0.309429	-54.235749		

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	1.475489	125.432538		0.380664
0.005699	0.223527	123.597147		
0.14082	1.475489	125.432538		0.380664
0.005699	0.072197	88.000463		
0.28164	1.475489	125.432538		0.380664
0.005699	0.223068	64.187096		
0.42246	1.475489	125.432538		0.380664
0.005699	0.551339	55.987523		
0.56328	1.475489	125.432538		0.380664
0.005699	0.881546	58.807152		

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-10.415474	-16.134656		-0.803972
-0.004790	-0.466757	-12.973329		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3900

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
0.14082	-10.415474	-16.134656		-0.803972
-0.004790	-0.130715	-13.576113		
0.28164	-10.415474	-16.134656		-0.803972
-0.004790	-0.104793	-27.356007		
0.42246	-10.415474	-16.134656		-0.803972
-0.004790	-0.264486	-57.150258		
0.56328	-10.415474	-16.134656		-0.803972
-0.004790	-0.424052	-100.346383		

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	2.261163	121.191106		0.696781
0.005820	0.400225	117.422743		
0.14082	2.261163	121.191106		0.696781
0.005820	0.115485	89.169352		
0.28164	2.261163	121.191106		0.696781
0.005820	0.293500	71.419413		
0.42246	2.261163	121.191106		0.696781
0.005820	0.724821	67.755947		
0.56328	2.261163	121.191106		0.696781
0.005820	1.157892	74.037789		

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-12.055233	-23.490697		-1.047818
-0.004329	-0.600298	-40.214413		
0.14082	-12.055233	-23.490697		-1.047818
-0.004329	-0.163285	-43.832068		
0.28164	-12.055233	-23.490697		-1.047818
-0.004329	-0.192208	-59.725740		
0.42246	-12.055233	-23.490697		-1.047818
-0.004329	-0.484421	-89.832458		
0.56328	-12.055233	-23.490697		-1.047818
-0.004329	-0.776496	-132.010750		

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	7.414901	102.657606		0.839685
0.004103	0.477407	103.320484		
0.14082	7.414901	102.657606		0.839685
0.004103	0.130138	105.284066		
0.28164	7.414901	102.657606		0.839685
0.004103	0.325139	116.359207		
0.42246	7.414901	102.657606		0.839685
0.004103	0.807787	137.302265		
0.56328	7.414901	102.657606		0.839685
0.004103	1.291587	164.913655		

COMB DB-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-10.526579	-72.553945		-1.163800
-0.003551	-0.660927	-51.771925		
0.14082	-10.526579	-72.553945		-1.163800
-0.003551	-0.174842	-45.230895		
0.28164	-10.526579	-72.553945		-1.163800
-0.003551	-0.231983	-61.969350		
0.42246	-10.526579	-72.553945		-1.163800
-0.003551	-0.584051	-91.079300		
0.56328	-10.526579	-72.553945		-1.163800
-0.003551	-0.936028	-128.268898		

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	7.870555	17.826306		0.454030
1.87E-05	0.254930	3.029991		
0.14082	7.870555	17.826306		0.454030
1.87E-05	0.064538	14.184404		
0.28164	7.870555	17.826306		0.454030
1.87E-05	0.123287	39.497215		
0.42246	7.870555	17.826306		0.454030
1.87E-05	0.311694	65.076163		
0.56328	7.870555	17.826306		0.454030
1.87E-05	0.500108	90.705197		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3901

< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-1.493861	-61.279050		-0.449588
-0.001328	-0.253775	-13.303045		
0.14082	-1.493861	-61.279050		-0.449588
-0.001328	-0.065410	-16.395905		
0.28164	-1.493861	-61.279050		-0.449588
-0.001328	-0.125704	-22.957014		
0.42246	-1.493861	-61.279050		-0.449588

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-0.001328   -0.316039   -29.935420
 0.56328    -1.493861   -61.279050    -0.449588
-0.001328   -0.506358   -37.295799

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   10.976333   101.105099    0.578749
 0.005865   0.336181   113.556517
 0.14082   10.976333   101.105099    0.578749
 0.005865   0.103730   107.457820
 0.28164   10.976333   101.105099    0.578749
 0.005865   0.219194   110.825873
 0.42246   10.976333   101.105099    0.578749
 0.005865   0.548202   131.639958
 0.56328   10.976333   101.105099    0.578749
 0.005865   0.879563   165.249810

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -5.821909   -85.117901   -0.810280
-0.007310   -0.479158   -12.288047
 0.14082   -5.821909   -85.117901   -0.810280
-0.007310   -0.140598   -20.345466
 0.28164   -5.821909   -85.117901   -0.810280
-0.007310   -0.160241   -28.603816
 0.42246   -5.821909   -85.117901   -0.810280
-0.007310   -0.402915   -41.281645
 0.56328   -5.821909   -85.117901   -0.810280
-0.007310   -0.645510   -72.418699

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    9.501071   120.158856    0.703840
 0.004618   0.403289   106.476182
 0.14082    9.501071   120.158856    0.703840
 0.004618   0.115129   101.187500
 0.28164    9.501071   120.158856    0.703840
 0.004618   0.296394   109.479270
 0.42246    9.501071   120.158856    0.703840
 0.004618   0.739675   130.585521
 0.56328    9.501071   120.158856    0.703840
 0.004618   1.184725   161.660522

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -9.257899   -81.580090   -1.075116
-0.005309   -0.618310   -14.035377
 0.14082   -9.257899   -81.580090   -1.075116
-0.005309   -0.168510   -19.054435
 0.28164   -9.257899   -81.580090   -1.075116
-0.005309   -0.194443   -36.817391
 0.42246   -9.257899   -81.580090   -1.075116
-0.005309   -0.489577   -68.519417
 0.56328   -9.257899   -81.580090   -1.075116
-0.005309   -0.784610   -111.062650

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    8.497830   110.092860    0.862095
 0.004389   0.490853   92.154761
 0.14082    8.497830   110.092860    0.862095
 0.004389   0.135097   90.590135
 0.28164    8.497830   110.092860    0.862095
 0.004389   0.326886   100.489083
 0.42246    8.497830   110.092860    0.862095
 0.004389   0.813730   121.341403
 0.56328    8.497830   110.092860    0.862095
 0.004389   1.301914   149.863354
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3902

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.664002   -74.991367   -1.175878
-0.004399   -0.670024   -33.864549
 0.14082  -10.664002   -74.991367   -1.175878
-0.004399   -0.178226   -41.652653
 0.28164  -10.664002   -74.991367   -1.175878
-0.004399   -0.238197   -59.601891
 0.42246  -10.664002   -74.991367   -1.175878
-0.004399   -0.598670   -89.698096
 0.56328  -10.664002   -74.991367   -1.175878
-0.004399   -0.961047   -129.138088

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    2.864846    9.809687    0.679265
 0.000938   0.382490   13.295963
 0.14082    2.864846    9.809687    0.679265
 0.000938   0.096817   19.429042
 0.28164    2.864846    9.809687    0.679265
 0.000938   0.254146   25.635682
 0.42246    2.864846    9.809687    0.679265
 0.000938   0.634395   31.870822
 0.56328    2.864846    9.809687    0.679265
 0.000938   1.014606   38.130340

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -2.267070   -15.434488   -0.907530
-4.01E-06   -0.505788   -44.906348
 0.14082   -2.267070   -15.434488   -0.907530
-4.01E-06   -0.125446   -48.636505
 0.28164   -2.267070   -15.434488   -0.907530
-4.01E-06   -0.186745   -52.409189
 0.42246   -2.267070   -15.434488   -0.907530
-4.01E-06   -0.472131   -56.216713
 0.56328   -2.267070   -15.434488   -0.907530
-4.01E-06   -0.756722   -60.051677

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    3.127123   29.167689    1.086392
 0.001723   0.611764   20.098588
 0.14082    3.127123   29.167689    1.086392
 0.001723   0.150603   20.098588
 0.28164    3.127123   29.167689    1.086392
 0.001723   0.450117   37.859352
 0.42246    3.127123   29.167689    1.086392
 0.001723   1.123074   47.504230
 0.56328    3.127123   29.167689    1.086392
 0.001723   1.796437   57.485785

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -6.927090   -25.102345   -1.607393
-0.000111   -0.896588   -65.702735
 0.14082   -6.927090   -25.102345   -1.607393
-0.000111   -0.223222   -74.712101
 0.28164   -6.927090   -25.102345   -1.607393
-0.000111   -0.298607   -84.398373
 0.42246   -6.927090   -25.102345   -1.607393
-0.000111   -0.755103   -95.150973
 0.56328   -6.927090   -25.102345   -1.607393
-0.000111   -1.210219   -106.708994

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    2.963053   71.440211    1.170739
 0.001828   0.658327   68.562742
 0.14082    2.963053   71.440211    1.170739
 0.001828   0.166826   60.830291
 0.28164    2.963053   71.440211    1.170739
 0.001828   0.554748   60.690728
 0.42246    2.963053   71.440211    1.170739
 0.001828   1.382899   68.142843
 0.56328    2.963053   71.440211    1.170739
 0.001828   2.212011   77.146084
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3903

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -9.529089   -26.839190   -1.978612
-8.60E-06   -1.102955   -57.651739
 0.14082   -9.529089   -26.839190   -1.978612
-8.60E-06   -0.274224   -62.697647
 0.28164   -9.529089   -26.839190   -1.978612
-8.60E-06   -0.320860   -76.362742
 0.42246   -9.529089   -26.839190   -1.978612
-8.60E-06   -0.812711   -103.374204
 0.56328   -9.529089   -26.839190   -1.978612
-8.60E-06   -1.303488   -131.837160

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.406132   95.654655    1.198860
 0.004173   0.684736   126.785571
 0.14082    6.406132   95.654655    1.198860
 0.004173   0.183496   123.280850
 0.28164    6.406132   95.654655    1.198860
 0.004173   0.587025   126.143012
 0.42246    6.406132   95.654655    1.198860
 0.004173   1.465090   142.061247
 0.56328    6.406132   95.654655    1.198860
 0.004173   2.343524   164.632792

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.103884   -61.900077   -2.106707
-0.003026   -1.168476   -51.688250
 0.14082  -10.103884   -61.900077   -2.106707
-0.003026   -0.306231   -58.754133
 0.28164  -10.103884   -61.900077   -2.106707
-0.003026   -0.329193   -73.187796
 0.42246  -10.103884   -61.900077   -2.106707
-0.003026   -0.832221   -98.498443
 0.56328  -10.103884   -61.900077   -2.106707
-0.003026   -1.334347   -135.111761

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.306167   28.749780    0.391461
 0.000686   0.219913   13.814820
 0.14082    0.306167   28.749780    0.391461
 0.000686   0.055499   12.597270
 0.28164    0.306167   28.749780    0.391461
 0.000686   0.211721   14.512018
 0.42246    0.306167   28.749780    0.391461
 0.000686   0.528303   17.228593
 0.56328    0.306167   28.749780    0.391461
 0.000686   0.845017   20.346523

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -5.556583   -9.359871   -0.756137
-5.62E-06   -0.421719   -12.005018
 0.14082   -5.556583   -9.359871   -0.756137
-5.62E-06   -0.105337   -16.945112
 0.28164   -5.556583   -9.359871   -0.756137
-5.62E-06   -0.107257   -26.760192
 0.42246   -5.556583   -9.359871   -0.756137
-5.62E-06   -0.271707   -37.808808
 0.56328   -5.556583   -9.359871   -0.756137
-5.62E-06   -0.435885   -49.333036

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    1.399315   110.397057    0.558094
 0.004948   0.329852   128.712715
 0.14082    1.399315   110.397057    0.558094
 0.004948   0.098959   95.492344
 0.28164    1.399315   110.397057    0.558094
 0.004948   0.357916   70.851351
 0.42246    1.399315   110.397057    0.558094
 0.004948   0.890786   64.548402
 0.56328    1.399315   110.397057    0.558094
 0.004948   1.424039   67.895154
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3904

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -9.893368   -18.065048   -1.288950
-0.004080   -0.737934   -11.870662
 0.14082   -9.893368   -18.065048   -1.288950
-0.004080   -0.199189   -13.081487
 0.28164   -9.893368   -18.065048   -1.288950
-0.004080   -0.152055   -24.848330
 0.42246   -9.893368   -18.065048   -1.288950
-0.004080   -0.385712   -50.070810
 0.56328   -9.893368   -18.065048   -1.288950
-0.004080   -0.619537   -91.981572

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    2.568896   108.934622    1.011124
 0.005204   0.583082   124.050892
 0.14082    2.568896   108.934622    1.011124
 0.005204   0.161393   98.730936
 0.28164    2.568896   108.934622    1.011124
 0.005204   0.524993   81.257440
 0.42246    2.568896   108.934622    1.011124
 0.005204   1.306865   80.281683
 0.56328    2.568896   108.934622    1.011124
 0.005204   2.089098   87.987484

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -11.459746   -27.866663   -1.881576
-0.003692   -1.065998   -43.096044
 0.14082  -11.459746   -27.866663   -1.881576
-0.003692   -0.279300   -47.740581
 0.28164  -11.459746   -27.866663   -1.881576
-0.003692   -0.276935   -62.338968
 0.42246  -11.459746   -27.866663   -1.881576
-0.003692   -0.700932   -88.730068
 0.56328  -11.459746   -27.866663   -1.881576
-0.003692   -1.124505   -130.209573

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.994135   94.516346    1.162889
 0.003500   0.662068   110.041145
 0.14082    6.994135   94.516346    1.162889
 0.003500   0.175969   112.880464
 0.28164    6.994135   94.516346    1.162889
 0.003500   0.586015   122.459698
 0.42246    6.994135   94.516346    1.162889
 0.003500   1.463630   143.984701
 0.56328    6.994135   94.516346    1.162889
 0.003500   2.340958   171.148050

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -10.238645   -71.986516   -2.103265
-0.003004   -1.185443   -42.025985
 0.14082  -10.238645   -71.986516   -2.103265
-0.003004   -0.304957   -50.349723
 0.28164  -10.238645   -71.986516   -2.103265
-0.003004   -0.319810   -67.051045
 0.42246  -10.238645   -71.986516   -2.103265
-0.003004   -0.807418   -94.245888
 0.56328  -10.238645   -71.986516   -2.103265
-0.003004   -1.294833   -130.881804

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.774053   22.919297    0.560687
 1.37E-05   0.314767    3.610998
 0.14082    6.774053   22.919297    0.560687
 1.37E-05   0.079780   13.804614
 0.28164    6.774053   22.919297    0.560687
 1.37E-05   0.244511   36.152430
 0.42246    6.774053   22.919297    0.560687
 1.37E-05   0.617968   59.051894
 0.56328    6.774053   22.919297    0.560687
 1.37E-05   0.991625   82.174371
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3905

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -2.241631   -55.694743   -0.888899
-0.001344   -0.501168   -25.191448
 0.14082   -2.241631   -55.694743   -0.888899
-0.001344   -0.127744   -25.306232
 0.28164   -2.241631   -55.694743   -0.888899
-0.001344   -0.161315   -33.609342
 0.42246   -2.241631   -55.694743   -0.888899
-0.001344   -0.390316   -42.691192
 0.56328   -2.241631   -55.694743   -0.888899
-0.001344   -0.625328   -52.073309

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    9.569499   103.538919    0.737612
 0.005843   0.437594   122.228951
 0.14082    9.569499   103.538919    0.737612
 0.005843   0.132589   114.061332
 0.28164    9.569499   103.538919    0.737612
 0.005843   0.377013   113.483201
 0.42246    9.569499   103.538919    0.737612
 0.005843   0.947067   129.417691
 0.56328    9.569499   103.538919    0.737612
 0.005843   1.516037   158.072156

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -6.584653   -77.645083   -1.380465
-0.007263   -0.802532   -20.596474
 0.14082   -6.584653   -77.645083   -1.380465
-0.007263   -0.224460   -28.075967
 0.28164   -6.584653   -77.645083   -1.380465
-0.007263   -0.203863   -38.745786
 0.42246   -6.584653   -77.645083   -1.380465
-0.007263   -0.512031   -53.649384
 0.56328   -6.584653   -77.645083   -1.380465
-0.007263   -0.820330   -91.789144

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    8.303168   117.597092    0.929623
 0.004724   0.538641   121.127291
 0.14082    8.303168   117.597092    0.929623
 0.004724   0.152263   110.182644
 0.28164    8.303168   117.597092    0.929623
 0.004724   0.505922   111.285367
 0.42246    8.303168   117.597092    0.929623
 0.004724   1.067203   129.308100
 0.56328    8.303168   117.597092    0.929623
 0.004724   2.027773   156.883096

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -9.661482   -75.280717   -1.832146
-0.005459   -1.046572   -19.882310
 0.14082   -9.661482   -75.280717   -1.832146
-0.005459   -0.279198   -25.402795
 0.28164   -9.661482   -75.280717   -1.832146
-0.005459   -0.255812   -43.880675
 0.42246   -9.661482   -75.280717   -1.832146
-0.005459   -0.644950   -72.260741
 0.56328   -9.661482   -75.280717   -1.832146
-0.005459   -1.034276   -117.326859

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    7.572825   108.889620    1.165337
 0.004518   0.668447   105.503035
 0.14082    7.572825   108.889620    1.165337
 0.004518   0.182211   100.065438
 0.28164    7.572825   108.889620    1.165337
 0.004518   0.591050   104.574877
 0.42246    7.572825   108.889620    1.165337
 0.004518   1.478727   123.261230
 0.56328    7.572825   108.889620    1.165337
 0.004518   2.365501   149.920039
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3906

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -11.182380   -71.716501   -2.130870
-0.004535   -1.208253   -40.251646
 0.14082  -11.182380   -71.716501   -2.130870
-0.004535   -0.316005   -48.704262
 0.28164  -11.182380   -71.716501   -2.130870
-0.004535   -0.320698   -67.764690
 0.42246  -11.182380   -71.716501   -2.130870
-0.004535   -0.893043   -95.653237
 0.56328  -11.182380   -71.716501   -2.130870
-0.004535   -1.297210   -137.589773

COMB      DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   10.976333   125.432538    0.862095
 0.005865   0.490853   123.597147
 0.14082   10.976333   125.432538    0.862095
 0.005865   0.135097   113.003887
 0.28164   10.976333   125.432538    0.862095
 0.005865   0.326886   116.359207
 0.42246   10.976333   125.432538    0.862095
 0.005865   0.813730   137.302265
 0.56328   10.976333   125.432538    0.862095
 0.005865   1.301914   165.249810

COMB      DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -12.055233   -85.117901   -1.175878
-0.007310   -0.670024   -58.169221
 0.14082  -12.055233   -85.117901   -1.175878
-0.007310   -0.178226   -67.047616
 0.28164  -12.055233   -85.117901   -1.175878
-0.007310   -0.238197   -76.264974
 0.42246  -12.055233   -85.117901   -1.175878
-0.007310   -0.599670   -100.918120
 0.56328  -12.055233   -85.117901   -1.175878
-0.007310   -0.961047   -132.341016

COMB      DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    9.569499   117.597092    1.198860
 0.005843   0.684736   128.712715
 0.14082    9.569499   117.597092    1.198860
 0.005843   0.183496   123.280850
 0.28164    9.569499   117.597092    1.198860
 0.005843   0.591050   126.143012
 0.42246    9.569499   117.597092    1.198860
 0.005843   1.478727   143.984701
 0.56328    9.569499   117.597092    1.198860
 0.005843   2.365501   171.148050

COMB      DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -11.459746   -77.645083   -2.130870
-0.007263   -1.208253   -65.702735
 0.14082  -11.459746   -77.645083   -2.130870
-0.007263   -0.316005   -74.712101
 0.28164  -11.459746   -77.645083   -2.130870
-0.007263   -0.329193   -84.398373
 0.42246  -11.459746   -77.645083   -2.130870
-0.007263   -0.832221   -103.374204
 0.56328  -11.459746   -77.645083   -2.130870
-0.007263   -1.334347   -137.589773

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   10.976333   125.432538    1.198860
 0.005865   0.684736   128.712715
 0.14082   10.976333   125.432538    1.198860
 0.005865   0.183496   123.280850
 0.28164   10.976333   125.432538    1.198860
 0.005865   0.591050   126.143012
 0.42246   10.976333   125.432538    1.198860
 0.005865   1.478727   143.984701
 0.56328   10.976333   125.432538    1.198860
 0.005865   2.365501   171.148050
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3907

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -12.055233   -85.117901   -2.130870
-0.007310   -1.208253   -65.702735
 0.14082  -12.055233   -85.117901   -2.130870
-0.007310   -0.316005   -74.712101
 0.28164  -12.055233   -85.117901   -2.130870
-0.007310   -0.329193   -84.398373
 0.42246  -12.055233   -85.117901   -2.130870
-0.007310   -0.832221   -103.374204
 0.56328  -12.055233   -85.117901   -2.130870
-0.007310   -1.334347   -137.589773

COMB    DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   10.976333   125.432538    1.198860
 0.005865   0.684736   128.712715
 0.14082   10.976333   125.432538    1.198860
 0.005865   0.183496   123.280850
 0.28164   10.976333   125.432538    1.198860
 0.005865   0.591050   126.143012
 0.42246   10.976333   125.432538    1.198860
 0.005865   1.478727   143.984701
 0.56328   10.976333   125.432538    1.198860
 0.005865   2.365501   171.148050

COMB    DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000  -12.055233   -85.117901   -2.130870
-0.007310   -1.208253   -65.702735
 0.14082  -12.055233   -85.117901   -2.130870
-0.007310   -0.316005   -74.712101
 0.28164  -12.055233   -85.117901   -2.130870
-0.007310   -0.329193   -84.398373
 0.42246  -12.055233   -85.117901   -2.130870
-0.007310   -0.832221   -103.374204
 0.56328  -12.055233   -85.117901   -2.130870
-0.007310   -1.334347   -137.589773

ELEM      374 ================== LENGTH
=     2.977216

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43665    0.539796   15.703963    0.407758
 0.001015   0.453107   1.712636
 0.57749    0.539796   15.703963    0.407758
 0.001015   0.282133   1.210142
 0.71832    0.539796   15.703963    0.407758
 0.001015   0.111151   2.813073
 0.85916    0.539796   15.703963    0.407758
 0.001015   0.059919   5.348982
 1.00000    0.539796   15.703963    0.407758
 0.001015   0.231084   8.334376

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43665   -3.967854   -7.897489   -0.408190
-1.21E-05   -0.453538   -24.229073
 0.57749   -3.967854   -7.897489   -0.408190
-1.21E-05   -0.282386   -30.235643
 0.71832   -3.967854   -7.897489   -0.408190
-1.21E-05   -0.111243   -36.275800
 0.85916   -3.967854   -7.897489   -0.408190
-1.21E-05   -0.059804   -42.336108
 1.00000   -3.967854   -7.897489   -0.408190
-1.21E-05   -0.230791   -48.533836

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43665    1.016045   39.707425    0.666046
 0.001888   0.740323   28.345913
 0.57749    1.016045   39.707425    0.666046
 0.001888   0.461050   20.135197
 0.71832    1.016045   39.707425    0.666046
 0.001888   0.181718   14.828065
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING          LOAD                >
                                  3908

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.85916    1.016045   39.707425    0.666046
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 0.001888    0.102505   12.109606
 1.00000     1.016045   39.707425     0.666046
 0.001888    0.395327   15.220811

COMB DB-G1-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -7.958790  -13.592617  -0.698424
-0.000296  -0.776120  -30.754095
0.57749   -7.958790  -13.592617  -0.698424
-0.000296  -0.483347  -36.996495
0.71832   -7.958790  -13.592617  -0.698424
-0.000296  -0.191052  -45.759830
0.85916   -7.958790  -13.592617  -0.698424
-0.000296  -0.097994  -56.976035
1.00000   -7.958790  -13.592617  -0.698424
-0.000296  -0.376812  -68.801039

COMB DB-G1-3 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    1.000260   91.147727   0.701258
 0.001486   0.779903  169.283136
0.57749    1.000260   91.147727   0.701258
 0.001486   0.485862  138.612388
0.71832    1.000260   91.147727   0.701258
 0.001486   0.191800  110.139644
0.85916    1.000260   91.147727   0.701258
 0.001486   0.132964   83.397127
1.00000    1.000260   91.147727   0.701258
 0.001486   0.518477   60.304951

COMB DB-G1-3 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -11.201325  -11.040968  -0.919098
-4.93E-05  -1.023070  -28.707454
0.57749   -11.201325  -11.040968  -0.919098
-4.93E-05  -0.637691  -34.999245
0.71832   -11.201325  -11.040968  -0.919098
-4.93E-05  -0.252413  -42.602737
0.85916   -11.201325  -11.040968  -0.919098
-4.93E-05  -0.102154  -51.820329
1.00000   -11.201325  -11.040968  -0.919098
-4.93E-05  -0.396261  -61.411266

COMB DB-G1-4 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    7.397552   81.474138   0.770002
 0.004700   0.856348  158.773858
0.57749    7.397552   81.474138   0.770002
 0.004700   0.533495  133.211970
0.71832    7.397552   81.474138   0.770002
 0.004700   0.210614  118.294402
0.85916    7.397552   81.474138   0.770002
 0.004700   0.159654  116.780939
1.00000    7.397552   81.474138   0.770002
 0.004700   0.580144  129.566336

COMB DB-G1-4 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -9.695820  -91.902700  -1.003988
-0.004054  -1.103971  -84.218258
0.57749   -9.695820  -91.902700  -1.003988
-0.004054  -0.684487  -59.369123
0.71832   -9.695820  -91.902700  -1.003988
-0.004054  -0.274945  -47.445090
0.85916   -9.695820  -91.902700  -1.003988
-0.004054  -0.123684  -44.554587
1.00000   -9.695820  -91.902700  -1.003988
-0.004054  -0.435969  -53.926876

COMB DB-G2-1 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    0.484497   37.976307   0.245665
 0.000645   0.273387   67.243788
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3909

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST         P          V2         V3
      T         M2          M3
0.57749    0.484497   37.976307   0.245665
 0.000645   0.170383   51.983631
0.71832    0.484497   37.976307   0.245665
 0.000645   0.067311   36.999744
0.85916    0.484497   37.976307   0.245665
 0.000645   0.048345   22.708822
1.00000    0.484497   37.976307   0.245665
 0.000645   0.189787   14.241478

COMB DB-G2-1 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -4.955474   -3.178828  -0.337300
-0.000163  -0.375965   -6.830030
0.57749   -4.955474   -3.178828  -0.337300
-0.000163  -0.234537   -5.706334
0.71832   -4.955474   -3.178828  -0.337300
-0.000163  -0.093126   -6.183633
0.85916   -4.955474   -3.178828  -0.337300
-0.000163  -0.035599   -8.775500
1.00000   -4.955474   -3.178828  -0.337300
-0.000163  -0.138633  -11.899951

COMB DB-G2-2 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    4.447729   85.231351   0.343322
 0.005118   0.382208  204.736172
0.57749    4.447729   85.231351   0.343322
 0.005118   0.238255  171.370382
0.71832    4.447729   85.231351   0.343322
 0.005118   0.094248  148.273141
0.85916    4.447729   85.231351   0.343322
 0.005118   0.115190  139.945327
1.00000    4.447729   85.231351   0.343322
 0.005118   0.394095  135.295654

COMB DB-G2-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -7.712354  -61.056434  -0.666873
-0.004880  -0.724674  -26.353609
0.57749   -7.712354  -61.056434  -0.666873
-0.004880  -0.447082   -7.419415
0.71832   -7.712354  -61.056434  -0.666873
-0.004880  -0.182405   -6.151782
0.85916   -7.712354  -61.056434  -0.666873
-0.004880  -0.065449   -8.805794
1.00000   -7.712354  -61.056434  -0.666873
-0.004880  -0.194782  -12.066590

COMB DB-G2-3 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    4.423839   90.552362   0.620748
 0.005388   0.690428  183.294078
0.57749    4.423839   90.552362   0.620748
 0.005388   0.430149  153.451045
0.71832    4.423839   90.552362   0.620748
 0.005388   0.169796  133.775322
0.85916    4.423839   90.552362   0.620748
 0.005388   0.149130  128.843527
1.00000    4.423839   90.552362   0.620748
 0.005388   0.529981  126.957436

COMB DB-G2-3 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665  -10.223463  -60.712112  -0.909783
-0.004400  -0.996169  -35.614619
0.57749  -10.223463  -60.712112  -0.909783
-0.004400  -0.616529  -24.729915
0.71832  -10.223463  -60.712112  -0.909783
-0.004400  -0.248559  -29.545484
0.85916  -10.223463  -60.712112  -0.909783
-0.004400  -0.104533  -37.549452
1.00000  -10.223463  -60.712112  -0.909783
-0.004400  -0.351751  -46.029370
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3910

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    9.169467   80.621593   0.787195
 0.003743   0.875651  157.701501
0.57749    9.169467   80.621593   0.787195
 0.003743   0.545587  131.043935
0.71832    9.169467   80.621593   0.787195
 0.003743   0.215475  111.582395
0.85916    9.169467   80.621593   0.787195
 0.003743   0.157096  104.457651
1.00000    9.169467   80.621593   0.787195
 0.003743   0.578804  114.017651

COMB DB-G2-4 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -9.038613  -101.680514  -1.006621
-0.003698  -1.109634  -108.252840
0.57749   -9.038613  -101.680514  -1.006621
-0.003698  -0.688770   -76.777820
0.71832   -9.038613  -101.680514  -1.006621
-0.003698  -0.275575   -55.807484
0.85916   -9.038613  -101.680514  -1.006621
-0.003698  -0.123878   -37.175862
1.00000   -9.038613  -101.680514  -1.006621
-0.003698  -0.445311   -42.590891

COMB DB-G3-1 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    8.823135    9.934057   0.470542
7.24E-06   0.523647   11.803353
0.57749    8.823135    9.934057   0.470542
7.24E-06   0.326347    7.908206
0.71832    8.823135    9.934057   0.470542
7.24E-06   0.129047    4.444658
0.85916    8.823135    9.934057   0.470542
7.24E-06   0.066739    3.564362
1.00000    8.823135    9.934057   0.470542
7.24E-06   0.260121    3.102334

COMB DB-G3-1 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -0.824371   -72.942855  -0.461043
-0.001189  -0.513151  -133.845155
0.57749   -0.824371   -72.942855  -0.461043
-0.001189  -0.319836  -103.305316
0.71832   -0.824371   -72.942855  -0.461043
-0.001189  -0.126524   -72.791964
0.85916   -0.824371   -72.942855  -0.461043
-0.001189  -0.068227   -42.289181
1.00000   -0.824371   -72.942855  -0.461043
-0.001189  -0.265555   -11.831296

COMB DB-G3-2 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665   15.124901   34.886086   0.601459
 0.005689   0.669272   89.648379
0.57749   15.124901   34.886086   0.601459
 0.005689   0.417080   77.752396
0.71832   15.124901   34.886086   0.601459
 0.005689   0.164864   78.578815
0.85916   15.124901   34.886086   0.601459
 0.005689   0.132624   98.553030
1.00000   15.124901   34.886086   0.601459
 0.005689   0.447119  120.163898

COMB DB-G3-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -2.144653  -159.949267  -0.752247
-0.007289  -1.881403  -173.625725
0.57749   -2.144653  -159.949267  -0.752247
-0.007289  -0.501962  -114.811233
0.71832   -2.144653  -159.949267  -0.752247
-0.007289  -0.204602   -75.541967
0.85916   -2.144653  -159.949267  -0.752247
-0.007289  -0.106493   -38.917625
1.00000   -2.144653  -159.949267  -0.752247
-0.007289  -0.340926   -41.009473
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3911

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665   12.903315   77.373584   0.697859
 0.004069   0.776787  183.131030
0.57749   12.903315   77.373584   0.697859
 0.004069   0.484175  152.707175
0.71832   12.903315   77.373584   0.697859
 0.004069   0.191523  131.109079
0.85916   12.903315   77.373584   0.697859
 0.004069   0.154789  122.972872
1.00000   12.903315   77.373584   0.697859
 0.004069   0.557340  116.763199

COMB DB-G3-3 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -6.449584  -131.291027  -0.961323
-0.005267  -1.055196  -156.961211
0.57749   -6.449584  -131.291027  -0.961323
-0.005267  -0.651590  -107.383622
0.71832   -6.449584  -131.291027  -0.961323
-0.005267  -0.263202   -71.461380
0.85916   -6.449584  -131.291027  -0.961323
-0.005267  -0.114100   -37.401642
1.00000   -6.449584  -131.291027  -0.961323
-0.005267  -0.394645   -11.395123

COMB DB-G3-4 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665   11.101449   79.637822   0.825416
 0.004011   0.918383  159.714766
0.57749   11.101449   79.637822   0.825416
 0.004011   0.572284  131.343305
0.71832   11.101449   79.637822   0.825416
 0.004011   0.226121  111.411921
0.85916   11.101449   79.637822   0.825416
 0.004011   0.164944  103.760106
1.00000   11.101449   79.637822   0.825416
 0.004011   0.604331  100.136738

COMB DB-G3-4 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -8.399155  -113.140866  -1.048944
-0.004396  -1.155147  -136.910729
0.57749   -8.399155  -113.140866  -1.048944
-0.004396  -0.716724   -99.040601
0.71832   -8.399155  -113.140866  -1.048944
-0.004396  -0.287223   -73.399715
0.85916   -8.399155  -113.140866  -1.048944
-0.004396  -0.130738   -50.494433
1.00000   -8.399155  -113.140866  -1.048944
-0.004396  -0.466824   -34.612182

COMB DL-G1-1 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    0.701987   19.847853   0.566558
 0.001013   0.629971    1.850408
0.57749    0.701987   19.847853   0.566558
 0.001013   0.392153    1.394410
0.71832    0.701987   19.847853   0.566558
 0.001013   0.154589    3.181654
0.85916    0.701987   19.847853   0.566558
 0.001013   0.115070    6.817652
1.00000    0.701987   19.847853   0.566558
 0.001013   0.448876   10.724492

COMB DL-G1-1 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -3.743336   -9.969589  -0.796695
-8.99E-06  -0.886280  -32.335870
0.57749   -3.743336   -9.969589  -0.796695
-8.99E-06  -0.552397  -37.061751
0.71832   -3.743336   -9.969589  -0.796695
-8.99E-06  -0.218455  -43.448195
0.85916   -3.743336   -9.969589  -0.796695
-8.99E-06  -0.082479  -51.370785
1.00000   -3.743336   -9.969589  -0.796695
-8.99E-06  -0.320904  -59.367002
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3912

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    1.069784   45.610890   0.909933
 0.001758   1.011181   30.393431
0.57749    1.069784   45.610890   0.909933
 0.001758   0.629911   21.358072
0.71832    1.069784   45.610890   0.909933
 0.001758   0.247304   15.440616
0.85916    1.069784   45.610890   0.909933
 0.001758   0.197882   13.717222
1.00000    1.069784   45.610890   0.909933
 0.001758   0.772237   17.207834

COMB DL-G1-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -7.835751  -15.623227  -1.371206
-0.000224  -1.525918  -39.199532
0.57749   -7.835751  -15.623227  -1.371206
-0.000224  -0.951248  -44.893983
0.71832   -7.835751  -15.623227  -1.371206
-0.000224  -0.377088  -53.828596
0.85916   -7.835751  -15.623227  -1.371206
-0.000224  -0.198598  -66.670730
1.00000   -7.835751  -15.623227  -1.371206
-0.000224  -0.515323  -80.887158

COMB DL-G1-3 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    1.119925   90.577238   0.942771
 0.001461   1.047229  172.872486
0.57749    1.119925   90.577238   0.942771
 0.001461   0.652289  144.283884
0.71832    1.119925   90.577238   0.942771
 0.001461   0.256078  118.234769
0.85916    1.119925   90.577238   0.942771
 0.001461   0.234235   95.503362
1.00000    1.119925   90.577238   0.942771
 0.001461   0.919319   76.441981

COMB DL-G1-3 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665  -10.475852  -14.297708  -1.634770
-6.41E-05  -1.821043  -36.343096
0.57749  -10.475852  -14.297708  -1.634770
-6.41E-05  -1.135798  -41.614422
0.71832  -10.475852  -14.297708  -1.634770
-6.41E-05  -0.451278  -49.221806
0.85916  -10.475852  -14.297708  -1.634770
-6.41E-05  -0.136649  -59.677971
1.00000  -10.475852  -14.297708  -1.634770
-6.41E-05  -0.532831  -71.807273

COMB DL-G1-4 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    6.591715   82.262166   1.017132
 0.003921   1.128799  166.769060
0.57749    6.591715   82.262166   1.017132
 0.003921   0.730320  141.767780
0.71832    6.591715   82.262166   1.017132
 0.003921   0.276486  127.906988
0.85916    6.591715   82.262166   1.017132
 0.003921   0.264690  128.017255
1.00000    6.591715   82.262166   1.017132
 0.003921   1.003123  140.269672

COMB DL-G1-4 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -9.051596  -83.437248  -1.762726
-0.003264  -0.915590  -83.625986
0.57749   -9.051596  -83.437248  -1.762726
-0.003264  -1.216842  -60.135285
0.71832   -9.051596  -83.437248  -1.762726
-0.003264  -0.485814  -50.702242
0.85916   -9.051596  -83.437248  -1.762726
-0.003264  -0.160261  -51.192502
1.00000   -9.051596  -83.437248  -1.762726
-0.003264  -0.585249  -62.918452
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3913

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    0.405741   35.858205   0.319754
 0.000550   0.355174   67.042184
0.57749    0.405741   35.858205   0.319754
 0.000550   0.220738   52.465594
0.71832    0.405741   35.858205   0.319754
 0.000550   0.086519   38.361629
0.85916    0.405741   35.858205   0.319754
 0.000550   0.086535   25.644867
1.00000    0.405741   35.858205   0.319754
 0.000550   0.339608   16.351862

COMB DL-G2-1 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -4.848588   -3.594496  -0.604738
-0.000163  -0.674153   -6.485638
0.57749   -4.848588   -3.594496  -0.604738
-0.000163  -0.420714   -6.012735
0.71832   -4.848588   -3.594496  -0.604738
-0.000163  -0.167467   -6.395133
0.85916   -4.848588   -3.594496  -0.604738
-0.000163  -0.046087   -7.888949
1.00000   -4.848588   -3.594496  -0.604738
-0.000163  -0.180518  -11.051158

COMB DL-G2-2 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    3.906980   79.189264   0.437331
 0.004450   0.483221  210.532362
0.57749    3.906980   79.189264   0.437331
 0.004450   0.300645  180.057862
0.71832    3.906980   79.189264   0.437331
 0.004450   0.117746  158.708397
0.85916    3.906980   79.189264   0.437331
 0.004450   0.165444  149.825543
1.00000    3.906980   79.189264   0.437331
 0.004450   0.594526  144.415668

COMB DL-G2-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -7.123281  -53.207467  -1.025113
-0.004251  -1.126509  -26.216054
0.57749   -7.123281  -53.207467  -1.025113
-0.004251  -0.700125   -7.216205
0.71832   -7.123281  -53.207467  -1.025113
-0.004251  -0.282151   -6.145609
0.85916   -7.123281  -53.207467  -1.025113
-0.004251  -0.082741   -7.840540
1.00000   -7.123281  -53.207467  -1.025113
-0.004251  -0.262510  -11.280903

COMB DL-G2-3 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    3.864936   88.911473   0.822691
 0.004779   0.911767  188.102790
0.57749    3.864936   88.911473   0.822691
 0.004779   0.567631  161.051301
0.71832    3.864936   88.911473   0.822691
 0.004779   0.222705  143.324022
0.85916    3.864936   88.911473   0.822691
 0.004779   0.239204  138.448445
1.00000    3.864936   88.911473   0.822691
 0.004779   0.887345  136.938830

COMB DL-G2-3 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -9.610257  -55.108979  -1.547930
-0.003835  -1.709575  -39.395567
0.57749   -9.610257  -55.108979  -1.547930
-0.003835  -1.063830  -27.567232
0.71832   -9.610257  -55.108979  -1.547930
-0.003835  -0.425676  -32.595581
0.85916   -9.610257  -55.108979  -1.547930
-0.003835  -0.137026  -41.592306
1.00000   -9.610257  -55.108979  -1.547930
-0.003835  -0.479238  -51.774159
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3914

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    8.032346   80.366946   1.020220
 0.003142   1.132460  161.989943
0.57749    8.032346   80.366946   1.020220
 0.003142   0.705290  136.882193
0.71832    8.032346   80.366946   1.020220
 0.003142   0.277192  118.772166
0.85916    8.032346   80.366946   1.020220
 0.003142   0.262582  112.614689
1.00000    8.032346   80.366946   1.020220
 0.003142   1.003877  124.664765

COMB DL-G2-4 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -8.435506  -93.844466  -1.768009
-0.003091  -1.962242  -102.601261
0.57749   -8.435506  -93.844466  -1.768009
-0.003091  -1.223174   -72.541682
0.71832   -8.435506  -93.844466  -1.768009
-0.003091  -0.488068   -53.783565
0.85916   -8.435506  -93.844466  -1.768009
-0.003091  -0.588946   -40.447970
1.00000   -8.435506  -93.844466  -1.768009
-0.003091  -0.584912   -48.136819

COMB DL-G3-1 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665    7.818919   11.953525   0.584828
 4.28E-06   0.650673   13.121446
0.57749    7.818919   11.953525   0.584828
 4.28E-06   0.405456    8.248054
0.71832    7.818919   11.953525   0.584828
 4.28E-06   0.160354    4.859316
0.85916    7.818919   11.953525   0.584828
 4.28E-06   0.116186    4.104308
1.00000    7.818919   11.953525   0.584828
 4.28E-06   0.461605    3.750100

COMB DL-G3-1 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -0.706541   -70.679383  -0.822161
-0.001158  -0.918013  -131.691866
0.57749   -0.706541   -70.679383  -0.822161
-0.001158  -0.573826  -102.109251
0.71832   -0.706541   -70.679383  -0.822161
-0.001158  -0.228049   -73.893474
0.85916   -0.706541   -70.679383  -0.822161
-0.001158  -0.084806   -47.438698
1.00000   -0.706541   -70.679383  -0.822161
-0.001158  -0.329990   -21.154049

COMB DL-G3-2 ------------------- MAX

REL DIST         P          V2         V3
      T         M2          M3
0.43665   13.852053   35.429977   0.751143
 0.005722   0.832627   96.491015
0.57749   13.852053   35.429977   0.751143
 0.005722   0.518655   85.147347
0.71832   13.852053   35.429977   0.751143
 0.005722   0.205186   87.797134
0.85916   13.852053   35.429977   0.751143
 0.005722   0.203085  109.119654
1.00000   13.852053   35.429977   0.751143
 0.005722   0.722664  131.921564

COMB DL-G3-2 ------------------- MIN

REL DIST         P          V2         V3
      T         M2          M3
0.43665   -1.763419  -153.933218  -1.240194
-0.007255  -1.360640   -170.955929
0.57749   -1.763419  -153.933218  -1.240194
-0.007255  -0.845511  -109.582253
0.71832   -1.763419  -153.933218  -1.240194
-0.007255  -0.340456   -74.079599
0.85916   -1.763419  -153.933218  -1.240194
-0.007255  -0.136480   -43.142152
1.00000   -1.763419  -153.933218  -1.240194
-0.007255  -0.446624   -15.090277
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                3915

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S
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COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	11.855956	71.424149	0.869410
0.004305	0.964405	183.811879	
0.57749	11.855956	71.424149	0.869410
0.004305	0.600327	156.599614	
0.71832	11.855956	71.424149	0.869410
0.004305	0.236909	139.723921	
0.85916	11.855956	71.424149	0.869410
0.004305	0.242132	136.839950	
1.00000	11.855956	71.424149	0.869410
0.004305	0.898589	135.328375	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-5.628586	-128.263444	-1.567052
-0.005444	-1.731696	-152.961299	
0.57749	-5.628586	-128.263444	-1.567052
-0.005444	-1.078559	-101.607388	
0.71832	-5.628586	-128.263444	-1.567052
-0.005444	-0.432552	-69.123484	
0.85916	-5.628586	-128.263444	-1.567052
-0.005444	-0.145732	-40.246428	
1.00000	-5.628586	-128.263444	-1.567052
-0.005444	-0.506429	-14.286515	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	10.171733	77.406676	1.055375
0.004199	1.171226	160.446795	
0.57749	10.171733	77.406676	1.055375
0.004199	0.799092	134.599957	
0.71832	10.171733	77.406676	1.055375
0.004199	0.287255	118.502254	
0.85916	10.171733	77.406676	1.055375
0.004199	0.274697	115.952302	
1.00000	10.171733	77.406676	1.055375
0.004199	1.034823	116.531157	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-7.824557	-111.645049	-1.814122
-0.004551	-2.009151	-135.505687	
0.57749	-7.824557	-111.645049	-1.814122
-0.004551	-1.251672	-96.003096	
0.71832	-7.824557	-111.645049	-1.814122
-0.004551	-0.500304	-73.198641	
0.85916	-7.824557	-111.645049	-1.814122
-0.004551	-0.169593	-54.917921	
1.00000	-7.824557	-111.645049	-1.814122
-0.004551	-0.609258	-39.990584	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.124901	91.147727	0.825416
0.005689	0.918383	204.736172	
0.57749	15.124901	91.147727	0.825416
0.005689	0.572284	171.370382	
0.71832	15.124901	91.147727	0.825416
0.005689	0.226121	148.273141	
0.85916	15.124901	91.147727	0.825416
0.005689	0.216444	139.945827	
1.00000	15.124901	91.147727	0.825416
0.005689	0.604331	135.295654	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.201325	-159.949267	-1.048944
-0.007289	-1.155147	-173.926725	
0.57749	-11.201325	-159.949267	-1.048944
-0.007289	-0.716724	-114.811233	
0.71832	-11.201325	-159.949267	-1.048944
-0.007289	-0.287223	-75.541967	
0.85916	-11.201325	-159.949267	-1.048944
-0.007289	-0.130738	-56.976035	
1.00000	-11.201325	-159.949267	-1.048944
-0.007289	-0.466824	-68.801039	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3916

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	13.852053	90.577238	1.055375
0.005722	1.171226	210.532362	
0.57749	13.852053	90.577238	1.055375
0.005722	0.729092	180.057862	
0.71832	13.852053	90.577238	1.055375
0.005722	0.287255	158.708397	
0.85916	13.852053	90.577238	1.055375
0.005722	0.274697	149.825543	
1.00000	13.852053	90.577238	1.055375
0.005722	1.034823	144.415668	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-10.475852	-153.933218	-1.814122
-0.007255	-2.009151	-170.955929	
0.57749	-10.475852	-153.933218	-1.814122
-0.007255	-1.251672	-109.582253	
0.71832	-10.475852	-153.933218	-1.814122
-0.007255	-0.500304	-74.079599	
0.85916	-10.475852	-153.933218	-1.814122
-0.007255	-0.169593	-66.076930	
1.00000	-10.475852	-153.933218	-1.814122
-0.007255	-0.609258	-80.887158	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.124901	91.147727	1.055375
0.005722	1.171226	210.532362	
0.57749	15.124901	91.147727	1.055375
0.005722	0.729092	180.057862	
0.71832	15.124901	91.147727	1.055375
0.005722	0.287255	158.708397	
0.85916	15.124901	91.147727	1.055375
0.005722	0.274697	149.825543	
1.00000	15.124901	91.147727	1.055375
0.005722	1.034823	144.415668	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.201325	-159.949267	-1.814122
-0.007289	-2.009151	-173.926725	
0.57749	-11.201325	-159.949267	-1.814122
-0.007289	-1.251672	-114.811233	
0.71832	-11.201325	-159.949267	-1.814122
-0.007289	-0.500304	-75.541967	
0.85916	-11.201325	-159.949267	-1.814122
-0.007289	-0.169593	-66.076930	
1.00000	-11.201325	-159.949267	-1.814122
-0.007289	-0.609258	-80.887158	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	15.124901	91.147727	1.055375
0.005722	1.171226	210.532362	
0.57749	15.124901	91.147727	1.055375
0.005722	0.729092	180.057862	
0.71832	15.124901	91.147727	1.055375
0.005722	0.287255	158.708397	
0.85916	15.124901	91.147727	1.055375
0.005722	0.274697	149.825543	
1.00000	15.124901	91.147727	1.055375
0.005722	1.034823	144.415668	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-11.201325	-159.949267	-1.814122
-0.007289	-2.009151	-173.926725	
0.57749	-11.201325	-159.949267	-1.814122
-0.007289	-1.251672	-114.811233	
0.71832	-11.201325	-159.949267	-1.814122
-0.007289	-0.500304	-75.541967	
0.85916	-11.201325	-159.949267	-1.814122
-0.007289	-0.169593	-66.076930	
1.00000	-11.201325	-159.949267	-1.814122
-0.007289	-0.609258	-80.887158	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3917

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 375 ========== LENGTH = 2.977120

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.524243	15.629286	0.404392
0.000697	0.226825	8.342541	
0.14083	0.524243	15.629286	0.404392
0.000697	0.057197	11.471845	
0.28167	0.524243	15.629286	0.404392
0.000697	0.111783	14.646562	
0.42250	0.524243	15.629286	0.404392
0.000697	0.279904	17.853488	
0.56334	0.524243	15.629286	0.404392
0.000697	0.448036	21.090795	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.930143	-7.773840	-0.401010
-6.86E-06	-0.224509	-48.548630	
0.14083	-3.930143	-7.773840	-0.401010
-6.86E-06	-0.056348	-54.892712	
0.28167	-3.930143	-7.773840	-0.401010
-6.86E-06	-0.112280	-61.249453	
0.42250	-3.930143	-7.773840	-0.401010
-6.86E-06	-0.281840	-67.639883	
0.56334	-3.930143	-7.773840	-0.401010
-6.86E-06	-0.451394	-74.068243	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.916108	40.961711	0.660270
0.001407	0.370591	15.243152	
0.14083	0.916108	40.961711	0.660270
0.001407	0.094133	18.306610	
0.28167	0.916108	40.961711	0.660270
0.001407	0.190206	21.739467	
0.42250	0.916108	40.961711	0.660270
0.001407	0.473180	25.245723	
0.56334	0.916108	40.961711	0.660270
0.001407	0.756644	30.243359	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.978727	-11.555775	-0.676379
-0.000186	-0.377821	-68.827716	
0.14083	-7.978727	-11.555775	-0.676379
-0.000186	-0.094841	-83.244276	
0.28167	-7.978727	-11.555775	-0.676379
-0.000186	0.163170	-97.941256	
0.42250	-7.978727	-11.555775	-0.676379
-0.000186	-0.460064	-112.998926	
0.56334	-7.978727	-11.555775	-0.676379
-0.000186	-0.736898	-129.200220	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.029035	90.173635	0.697722
0.001528	0.391907	60.265623	
0.14083	1.029035	90.173635	0.697722
0.001528	0.099302	45.683377	
0.28167	1.029035	90.173635	0.697722
0.001528	0.250087	44.900797	
0.42250	1.029035	90.173635	0.697722
0.001528	0.620714	47.216714	
0.56334	1.029035	90.173635	0.697722
0.001528	0.991423	50.479784	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.062047	-10.915461	-0.884337
-0.000204	-0.491797	-61.427620	
0.14083	-11.062047	-10.915461	-0.884337
-0.000204	-0.121647	-71.009062	
0.28167	-11.062047	-10.915461	-0.884337
-0.000204	-0.193154	-83.731876	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3918

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-11.062047	-10.915461	-0.884337
-0.000204	-0.485729	-119.461192	
0.56334	-11.062047	-10.915461	-0.884337
-0.000204	-0.778272	-156.944258	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.171141	115.067213	0.764668
0.004712	0.432149	129.740527	
0.14083	5.171141	115.067213	0.764668
0.004712	0.126589	119.434674	
0.28167	5.171141	115.067213	0.764668
0.004712	0.275786	120.326663	
0.42250	5.171141	115.067213	0.764668
0.004712	0.679644	132.649852	
0.56334	5.171141	115.067213	0.764668
0.004712	1.092282	153.656760	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.414698	-55.300335	-0.988465
-0.003964	-0.565617	-53.933460	
0.14083	-11.414698	-55.300335	-0.988465
-0.003964	-0.152412	-63.408542	
0.28167	-11.414698	-55.300335	-0.988465
-0.003964	-0.211992	-75.838115	
0.42250	-11.414698	-55.300335	-0.988465
-0.003964	-0.532615	-106.817074	
0.56334	-11.414698	-55.300335	-0.988465
-0.003964	-0.853214	-147.158916	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.494148	37.574995	0.244546
0.000585	0.137457	14.233121	
0.14083	0.494148	37.574995	0.244546
0.000585	0.034895	11.096878	
0.28167	0.494148	37.574995	0.244546
0.000585	0.090893	10.851814	
0.42250	0.494148	37.574995	0.244546
0.000585	0.223383	11.234037	
0.56334	0.494148	37.574995	0.244546
0.000585	0.355941	11.803925	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.905499	-3.085664	-0.316286
-9.24E-06	-0.174620	-11.904366	
0.14083	-4.905499	-3.085664	-0.316286
-9.24E-06	-0.042698	-15.083441	
0.28167	-4.905499	-3.085664	-0.316286
-9.24E-06	-0.067537	-29.318029	
0.42250	-4.905499	-3.085664	-0.316286
-9.24E-06	-0.170135	-44.288677	
0.56334	-4.905499	-3.085664	-0.316286
-9.24E-06	-0.272663	-59.815578	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.325366	131.401576	0.342539
0.005578	0.196631	135.547462	
0.14083	1.325366	131.401576	0.342539
0.005578	0.065544	95.051978	
0.28167	1.325366	131.401576	0.342539
0.005578	0.179489	69.353660	
0.42250	1.325366	131.401576	0.342539
0.005578	0.432865	59.106274	
0.56334	1.325366	131.401576	0.342539
0.005578	0.698272	60.555339	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.126432	-10.447517	-0.638901
-0.005018	-0.373342	-12.063652	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3919

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	-10.126432	-10.447517	-0.638901
-0.005018	-0.107279	-15.404702	
0.28167	-10.126432	-10.447517	-0.638901
-0.005018	-0.094557	-22.712538	
0.42250	-10.126432	-10.447517	-0.638901
-0.005018	-0.238224	-54.489871	
0.56334	-10.126432	-10.447517	-0.638901
-0.005018	-0.381841	-98.973849	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.610893	132.189631	0.616809
0.005575	0.349994	127.191833	
0.14083	1.610893	132.189631	0.616809
0.005575	0.102686	93.071696	
0.28167	1.610893	132.189631	0.616809
0.005575	0.246537	72.219845	
0.42250	1.610893	132.189631	0.616809
0.005575	0.602860	65.271615	
0.56334	1.610893	132.189631	0.616809
0.005575	0.970049	68.902467	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.371552	-14.935915	-0.881082
-0.004534	-0.507710	-46.038879	
0.14083	-12.371552	-14.935915	-0.881082
-0.004534	-0.139786	-54.558017	
0.28167	-12.371552	-14.935915	-0.881082
-0.004534	-0.170771	-67.018836	
0.42250	-12.371552	-14.935915	-0.881082
-0.004534	-0.429449	-101.414834	
0.56334	-12.371552	-14.935915	-0.881082
-0.004534	-0.688062	-147.181065	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.394242	107.777721	0.781595
0.003895	0.274280	114.141722	
0.14083	7.394242	107.777721	0.781595
0.003895	0.120711	113.929287	
0.28167	7.394242	107.777721	0.781595
0.003895	0.274280	125.290512	
0.42250	7.394242	107.777721	0.781595
0.003895	0.676831	146.482668	
0.56334	7.394242	107.777721	0.781595
0.003895	1.086520	174.787563	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.416481	-72.220484	-0.980669
-0.003632	-0.558205	-42.591776	
0.14083	-10.416481	-72.220484	-0.980669
-0.003632	-0.148113	-51.639616	
0.28167	-10.416481	-72.220484	-0.980669
-0.003632	-0.216628	-63.759049	
0.42250	-10.416481	-72.220484	-0.980669
-0.003632	-0.2444168	-94.719429	
0.56334	-10.416481	-72.220484	-0.980669
-0.003632	-0.872067	-133.481825	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.899331	10.000455	0.467146
1.81E-05	0.262110	3.099180	
0.14083	8.899331	10.000455	0.467146
1.81E-05	0.066245	20.597792	
0.28167	8.899331	10.000455	0.467146
1.81E-05	0.127282	51.076753	
0.42250	8.899331	10.000455	0.467146
1.81E-05	0.319559	81.766717	
0.56334	8.899331	10.000455	0.467146
1.81E-05	0.511838	112.527353	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3920

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.814258	-73.509030	-0.458602
-0.001143	-0.257298	-11.864629	
0.14083	-0.814258	-73.509030	-0.458602
-0.001143	-0.064960	-11.246536	
0.28167	-0.814258	-73.509030	-0.458602
-0.001143	-0.129627	-14.605923	
0.42250	-0.814258	-73.509030	-0.458602
-0.001143	-0.325491	-18.185641	
0.56334	-0.814258	-73.509030	-0.458602
-0.001143	-0.521356	-22.203778	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.393920	92.066842	0.596676
0.005877	0.339576	120.496978	
0.14083	11.393920	92.066842	0.596676
0.005877	0.104761	122.229981	
0.28167	11.393920	92.066842	0.596676
0.005877	0.205505	131.119419	
0.42250	11.393920	92.066842	0.596676
0.005877	0.502119	156.741964	
0.56334	11.393920	92.066842	0.596676
0.005877	0.813290	195.803331	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.176389	-99.132603	-0.749090
-0.007161	-0.443064	-9.991149	
0.14083	-5.176389	-99.132603	-0.749090
-0.007161	-0.130205	-14.621374	
0.28167	-5.176389	-99.132603	-0.749090
-0.007161	-0.165609	-19.339888	
0.42250	-5.176389	-99.132603	-0.749090
-0.007161	-0.415806	-26.576457	
0.56334	-5.176389	-99.132603	-0.749090
-0.007161	-0.665978	-51.451924	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.382575	116.076083	0.694402
0.004546	0.393302	116.965428	
0.14083	10.382575	116.076083	0.694402
0.004546	0.112570	115.189186	
0.28167	10.382575	116.076083	0.694402
0.004546	0.261997	127.387893	
0.42250	10.382575	116.076083	0.694402
0.004546	0.643920	152.644064	
0.56334	10.382575	116.076083	0.694402
0.004546	1.035869	187.761505	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.457583	-89.754986	-0.939710
-0.005304	-0.540161	-11.376421	
0.14083	-8.457583	-89.754986	-0.939710
-0.005304	-0.147283	-15.007399	
0.28167	-8.457583	-89.754986	-0.939710
-0.005304	-0.192294	-22.890800	
0.42250	-8.457583	-89.754986	-0.939710
-0.005304	-0.483477	-52.542536	
0.56334	-8.457583	-89.754986	-0.939710
-0.005304	-0.774623	-92.461218	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.023617	111.427480	0.819849
0.004220	0.463009	100.310552	
0.14083	9.023617	111.427480	0.819849
0.004220	0.127815	100.488667	
0.28167	9.023617	111.427480	0.819849
0.004220	0.285958	112.360994	
0.42250	9.023617	111.427480	0.819849
0.004220	0.705195	135.112735	
0.56334	9.023617	111.427480	0.819849
0.004220	1.132740	166.015395	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3921

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.031012	-78.758018	-1.023796
-0.004395	-0.584342	-34.608158	
0.14083	-10.031012	-78.758018	-1.023796
-0.004395	-0.156318	-43.377210	
0.28167	-10.031012	-78.758018	-1.023796
-0.004395	-0.227180	-55.236640	
0.42250	-10.031012	-78.758018	-1.023796
-0.004395	-0.570988	-85.607118	
0.56334	-10.031012	-78.758018	-1.023796
-0.004395	-0.914732	-124.898672	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.680560	19.717597	0.567243
0.000706	0.318998	10.736745	
0.14083	0.680560	19.717597	0.567243
0.000706	0.080459	14.779676	
0.28167	0.680560	19.717597	0.567243
0.000706	0.217280	18.856160	
0.42250	0.680560	19.717597	0.567243
0.000706	0.541974	22.955407	
0.56334	0.680560	19.717597	0.567243
0.000706	0.866617	27.066142	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.696024	-9.854099	-0.774702
-4.02E-06	-0.431528	-59.388604	
0.14083	-3.696024	-9.854099	-0.774702
-4.02E-06	-0.107132	-67.447979	
0.28167	-3.696024	-9.854099	-0.774702
-4.02E-06	-0.156831	-75.591698	
0.42250	-3.696024	-9.854099	-0.774702
-4.02E-06	-0.394793	-83.747343	
0.56334	-3.696024	-9.854099	-0.774702
-4.02E-06	-0.632800	-91.917243	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.995865	46.216359	0.903368
0.001327	0.507554	17.227735	
0.14083	0.995865	46.216359	0.903368
0.001327	0.127577	21.675882	
0.28167	0.995865	46.216359	0.903368
0.001327	0.376895	26.754555	
0.42250	0.995865	46.216359	0.903368
0.001327	0.939942	32.251459	
0.56334	0.995865	46.216359	0.903368
0.001327	1.503213	38.011018	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.824765	-14.362851	-1.344545
-0.000112	-0.749971	-80.925159	
0.14083	-7.824765	-14.362851	-1.344545
-0.000112	-0.187263	-97.475829	
0.28167	-7.824765	-14.362851	-1.344545
-0.000112	-0.249653	-114.673540	
0.42250	-7.824765	-14.362851	-1.344545
-0.000112	-0.629438	-132.819702	
0.56334	-7.824765	-14.362851	-1.344545
-0.000112	-1.007899	-151.635615	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.131478	89.692973	0.936762
0.001433	0.525597	76.429226	
0.14083	1.131478	89.692973	0.936762
0.001433	0.132076	62.056903	
0.28167	1.131478	89.692973	0.936762
0.001433	0.450904	54.211428	
0.42250	1.131478	89.692973	0.936762
0.001433	1.123562	54.462258	
0.56334	1.131478	89.692973	0.936762
0.001433	1.796611	57.597998	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3922

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.358265	-14.179599	-1.606052
-0.000201	-0.895470	-71.833005	
0.14083	-10.358265	-14.179599	-1.606052
-0.000201	-0.822861	-84.206997	
0.28167	-10.358265	-14.179599	-1.606052
-0.000201	-0.258204	-99.813637	
0.42250	-10.358265	-14.179599	-1.606052
-0.000201	-0.651701	-132.218574	
0.56334	-10.358265	-14.179599	-1.606052
-0.000201	-1.044150	-167.297025	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.937855	107.472615	1.012398
0.003849	0.579153	140.262076	
0.14083	4.937855	107.472615	1.012398
0.003849	0.156073	133.600360	
0.28167	4.937855	107.472615	1.012398
0.003849	0.487375	132.364330	
0.42250	4.937855	107.472615	1.012398
0.003849	1.212710	144.366476	
0.56334	4.937855	107.472615	1.012398
0.003849	1.942646	163.795663	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.418519	-56.336537	-1.747706
-0.003143	-0.988540	-62.931002	
0.14083	-10.418519	-56.336537	-1.747706
-0.003143	-0.256735	-75.035727	
0.28167	-10.418519	-56.336537	-1.747706
-0.003143	-0.279019	-90.032672	
0.42250	-10.418519	-56.336537	-1.747706
-0.003143	-0.703492	-118.737407	
0.56334	-10.418519	-56.336537	-1.747706
-0.003143	-1.127174	-158.097749	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419014	35.576677	0.313180
0.000528	0.175223	16.344703	
0.14083	0.419014	35.576677	0.313180
0.000528	0.043686	10.788182	
0.28167	0.419014	35.576677	0.313180
0.000528	0.168354	10.279067	
0.42250	0.419014	35.576677	0.313180
0.000528	0.419665	10.809056	
0.56334	0.419014	35.576677	0.313180
0.000528	0.671265	11.664399	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.824973	-3.512909	-0.600337
-5.31E-06	-0.335038	-11.058115	
0.14083	-4.824973	-3.512909	-0.600337
-5.31E-06	-0.083852	-16.186366	
0.28167	-4.824973	-3.512909	-0.600337
-5.31E-06	-0.086292	-28.632507	
0.42250	-4.824973	-3.512909	-0.600337
-5.31E-06	-0.217776	-42.541338	
0.56334	-4.824973	-3.512909	-0.600337
-5.31E-06	-0.349419	-56.885354	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.332830	117.918599	0.432391
0.004793	0.258644	144.420700	
0.14083	1.332830	117.918599	0.432391
0.004793	0.080492	106.762499	
0.28167	1.332830	117.918599	0.432391
0.004793	0.282988	76.315514	
0.42250	1.332830	117.918599	0.432391
0.004793	0.698468	64.785662	
0.56334	1.332830	117.918599	0.432391
0.004793	1.121270	83.663193	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3923
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.285992	-11.339446	-1.018015
-0.004324	-0.587426	-11.278437	
0.14083	-9.285992	-11.339446	-1.018015
-0.004324	-0.161669	-15.100170	
0.28167	-9.285992	-11.339446	-1.018015
-0.004324	-0.117967	-23.609621	
0.42250	-9.285992	-11.339446	-1.018015
-0.004324	-0.298612	-49.582072	
0.56334	-9.285992	-11.339446	-1.018015
-0.004324	-0.479176	-91.135860	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.538152	123.822055	0.814405
0.004877	0.471595	136.953852	
0.14083	1.538152	123.822055	0.814405
0.004877	0.132269	105.819486	
0.28167	1.538152	123.822055	0.814405
0.004877	0.426451	81.245087	
0.42250	1.538152	123.822055	0.814405
0.004877	1.057231	73.796141	
0.56334	1.538152	123.822055	0.814405
0.004877	1.695020	75.910636	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.537907	-17.152724	-1.529731
-0.003912	-0.870829	-51.790191	
0.14083	-11.537907	-17.152724	-1.529731
-0.003912	-0.222924	-62.297168	
0.28167	-11.537907	-17.152724	-1.529731
-0.003912	-0.223808	-77.331696	
0.42250	-11.537907	-17.152724	-1.529731
-0.003912	-0.565229	-107.964987	
0.56334	-11.537907	-17.152724	-1.529731
-0.003912	-0.905857	-152.644852	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.697122	101.247788	1.012318
0.003226	0.576838	124.639535	
0.14083	6.697122	101.247788	1.012318
0.003226	0.153781	126.485633	
0.28167	6.697122	101.247788	1.012318
0.003226	0.490316	133.939799	
0.42250	6.697122	101.247788	1.012318
0.003226	1.221983	153.747285	
0.56334	6.697122	101.247788	1.012318
0.003226	1.957218	179.995447	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.572436	-71.556371	-1.759573
-0.002985	-0.994065	-48.140626	
0.14083	-9.572436	-71.556371	-1.759573
-0.002985	-0.256917	-59.359822	
0.28167	-9.572436	-71.556371	-1.759573
-0.002985	-0.278938	-74.244974	
0.42250	-9.572436	-71.556371	-1.759573
-0.002985	-0.703515	-102.587762	
0.56334	-9.572436	-71.556371	-1.759573
-0.002985	-1.127434	-140.041838	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.884501	12.003109	0.581768
1.32E-05	0.326552	3.745052	
0.14083	7.884501	12.003109	0.581768
1.32E-05	0.082763	20.241449	
0.28167	7.884501	12.003109	0.581768
1.32E-05	0.231050	49.047805	
0.42250	7.884501	12.003109	0.581768
1.32E-05	0.582289	78.266332	
0.56334	7.884501	12.003109	0.581768
1.32E-05	0.931904	107.742834	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3924
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.703668	-71.154475	-0.835252
-0.001071	-0.469592	-21.179800	
0.14083	-0.703668	-71.154475	-0.835252
-0.001071	-0.118701	-15.813718	
0.28167	-0.703668	-71.154475	-0.835252
-0.001071	-0.161154	-19.598170	
0.42250	-0.703668	-71.154475	-0.835252
-0.001071	-0.404875	-23.930089	
0.56334	-0.703668	-71.154475	-0.835252
-0.001071	-0.648762	-28.677722	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.243795	91.301185	0.750016
0.005841	0.444953	131.955099	
0.14083	10.243795	91.301185	0.750016
0.005841	0.134787	132.663626	
0.28167	10.243795	91.301185	0.750016
0.005841	0.343992	139.340904	
0.42250	10.243795	91.301185	0.750016
0.005841	0.855917	161.557707	
0.56334	10.243795	91.301185	0.750016
0.005841	1.376535	196.095447	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.910753	-95.183156	-1.255058
-0.007054	-0.731095	-15.091244	
0.14083	-4.910753	-95.183156	-1.255058
-0.007054	-0.205605	-18.538723	
0.28167	-4.910753	-95.183156	-1.255058
-0.007054	-0.206870	-24.257509	
0.42250	-4.910753	-95.183156	-1.255058
-0.007054	-0.477927	-32.885443	
0.56334	-4.910753	-95.183156	-1.255058
-0.007054	-0.833131	-62.260081	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.289246	111.335591	0.864558
0.004633	0.501852	135.330648	
0.14083	9.289246	111.335591	0.864558
0.004633	0.142966	129.268717	
0.28167	9.289246	111.335591	0.864558
0.004633	0.436005	131.856462	
0.42250	9.289246	111.335591	0.864558
0.004633	1.085960	152.464372	
0.56334	9.289246	111.335591	0.864558
0.004633	1.741955	183.337847	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.855757	-86.023186	-1.575348
-0.005408	-0.901753	-14.286263	
0.14083	-7.855757	-86.023186	-1.575348
-0.005408	-0.242230	-17.465507	
0.28167	-7.855757	-86.023186	-1.575348
-0.005408	-0.238099	-27.366809	
0.42250	-7.855757	-86.023186	-1.575348
-0.005408	-0.599236	-51.318003	
0.56334	-7.855757	-86.023186	-1.575348
-0.005408	-0.961287	-90.494841	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.048743	110.341923	1.045988
0.004299	0.600654	116.541229	
0.14083	8.048743	110.341923	1.045988
0.004299	0.164537	113.652680	
0.28167	8.048743	110.341923	1.045988
0.004299	0.503724	117.878827	
0.42250	8.048743	110.341923	1.045988
0.004299	1.255802	137.071627	
0.56334	8.048743	110.341923	1.045988
0.004299	2.013120	164.811402	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3925
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.652818	-76.548892	-1.814961
-0.004492	-1.031748	-40.006001	
0.14083	-9.652818	-76.548892	-1.814961
-0.004492	-0.271847	-49.533217	
0.28167	-9.652818	-76.548892	-1.814961
-0.004492	-0.288462	-64.476202	
0.42250	-9.652818	-76.548892	-1.814961
-0.004492	-0.726401	-91.494000	
0.56334	-9.652818	-76.548892	-1.814961
-0.004492	-1.164396	-131.324043	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.393920	132.189631	0.819849
0.005877	0.463009	135.547462	
0.14083	11.393920	132.189631	0.819849
0.005877	0.127815	122.229981	
0.28167	11.393920	132.189631	0.819849
0.005877	0.285958	131.119419	
0.42250	11.393920	132.189631	0.819849
0.005877	0.705195	156.741964	
0.56334	11.393920	132.189631	0.819849
0.005877	1.132740	195.803331	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.371552	-99.132603	-1.023796
-0.007161	-0.584342	-68.827716	
0.14083	-12.371552	-99.132603	-1.023796
-0.007161	-0.156318	-83.244276	
0.28167	-12.371552	-99.132603	-1.023796
-0.007161	-0.227180	-97.941256	
0.42250	-12.371552	-99.132603	-1.023796
-0.007161	-0.570988	-119.461192	
0.56334	-12.371552	-99.132603	-1.023796
-0.007161	-0.914732	-156.944258	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.243795	123.822055	1.045988
0.005841	0.600654	144.420700	
0.14083	10.243795	123.822055	1.045988
0.005841	0.164537	133.600360	
0.28167	10.243795	123.822055	1.045988
0.005841	0.503724	139.340904	
0.42250	10.243795	123.822055	1.045988
0.005841	1.255802	161.557707	
0.56334	10.243795	123.822055	1.045988
0.005841	2.013120	196.095447	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.537907	-95.183156	-1.814961
-0.007054	-1.031748	-60.925159	
0.14083	-11.537907	-95.183156	-1.814961
-0.007054	-0.271847	-97.475829	
0.28167	-11.537907	-95.183156	-1.814961
-0.007054	-0.288462	-114.673540	
0.42250	-11.537907	-95.183156	-1.814961
-0.007054	-0.726401	-132.819702	
0.56334	-11.537907	-95.183156	-1.814961
-0.007054	-1.164396	-167.297025	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.393920	132.189631	1.045988
0.005877	0.600654	144.420700	
0.14083	11.393920	132.189631	1.045988
0.005877	0.164537	133.600360	
0.28167	11.393920	132.189631	1.045988
0.005877	0.503724	139.340904	
0.42250	11.393920	132.189631	1.045988
0.005877	1.255802	161.557707	
0.56334	11.393920	132.189631	1.045988
0.005877	2.013120	196.095447	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3926
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.371552	-99.132603	-1.814961
-0.007161	-1.031748	-80.925159	
0.14083	-12.371552	-99.132603	-1.814961
-0.007161	-0.271847	-97.475829	
0.28167	-12.371552	-99.132603	-1.814961
-0.007161	-0.288462	-114.673540	
0.42250	-12.371552	-99.132603	-1.814961
-0.007161	-0.726401	-132.819702	
0.56334	-12.371552	-99.132603	-1.814961
-0.007161	-1.164396	-167.297025	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.393920	132.189631	1.045988
0.005877	0.600654	144.420700	
0.14083	11.393920	132.189631	1.045988
0.005877	0.164537	133.600360	
0.28167	11.393920	132.189631	1.045988
0.005877	0.503724	139.340904	
0.42250	11.393920	132.189631	1.045988
0.005877	1.255802	161.557707	
0.56334	11.393920	132.189631	1.045988
0.005877	2.013120	196.095447	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.371552	-99.132603	-1.814961
-0.007161	-1.031748	-80.925159	
0.14083	-12.371552	-99.132603	-1.814961
-0.007161	-0.271847	-97.475829	
0.28167	-12.371552	-99.132603	-1.814961
-0.007161	-0.288462	-114.673540	
0.42250	-12.371552	-99.132603	-1.814961
-0.007161	-0.726401	-132.819702	
0.56334	-12.371552	-99.132603	-1.814961
-0.007161	-1.164396	-167.297025	

ELEM 376 ========== LENGTH = 2.976612

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.122594	20.583387	0.365084
0.000715	0.404995	1.542334	
0.57755	0.122594	20.583387	0.365084
0.000715	0.251968	1.559603	
0.71837	0.122594	20.583387	0.365084
0.000715	0.098924	2.811694	
0.85918	0.122594	20.583387	0.365084
0.000715	0.057123	4.410829	
1.00000	0.122594	20.583387	0.365084
0.000715	0.219495	6.184034	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-4.852858	-4.790997	-0.387364
-1.56E-05	-0.429964	-22.184417	
0.57755	-4.852858	-4.790997	-0.387364
-1.56E-05	-0.267600	-30.304170	
0.71837	-4.852858	-4.790997	-0.387364
-1.56E-05	-0.105253	-38.475884	
0.85918	-4.852858	-4.790997	-0.387364
-1.56E-05	-0.054038	-46.681516	
1.00000	-4.852858	-4.790997	-0.387364
-1.56E-05	-0.207124	-54.969644	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.958110	47.119760	0.597632
0.001455	0.663374	31.542062	
0.57755	0.958110	47.119760	0.597632
0.001455	0.412876	22.597238	
0.71837	0.958110	47.119760	0.597632
0.001455	0.162338	16.467301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3927
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85918	0.958110	47.119760	0.597632
0.001455	0.093346	11.798024	
1.00000	0.958110	47.119760	0.597632
0.001455	0.358200	12.682963	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.697763	-8.710657	-0.631626
-0.000412	-0.700811	-25.476509	
0.57755	-8.697763	-8.710657	-0.631626
-0.000412	-0.436081	-34.878927	
0.71837	-8.697763	-8.710657	-0.631626
-0.000412	-0.171975	-46.598590	
0.85918	-8.697763	-8.710657	-0.631626
-0.000412	-0.088698	-60.454786	
1.00000	-8.697763	-8.710657	-0.631626
-0.000412	-0.339011	-75.578985	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.013185	97.885286	0.624924
0.001119	0.694228	176.325346	
0.57755	1.013185	97.885286	0.624924
0.001119	0.432283	145.112860	
0.71837	1.013185	97.885286	0.624924
0.001119	0.170319	115.933027	
0.85918	1.013185	97.885286	0.624924
0.001119	0.109270	87.487080	
1.00000	1.013185	97.885286	0.624924
0.001119	0.421560	62.251249	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.731689	-6.762657	-0.744902
-0.000109	-0.827423	-22.393633	
0.57755	-11.731689	-6.762657	-0.744902
-0.000109	-0.515195	-31.810203	
0.71837	-11.731689	-6.762657	-0.744902
-0.000109	-0.202968	-42.401142	
0.85918	-11.731689	-6.762657	-0.744902
-0.000109	-0.091479	-54.424976	
1.00000	-11.731689	-6.762657	-0.744902
-0.000109	-0.353564	-67.207706	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	7.504708	85.443753	0.716797
0.004527	0.796389	163.114642	
0.57755	7.504708	85.443753	0.716797
0.004527	0.495945	138.641356	
0.71837	7.504708	85.443753	0.716797
0.004527	0.195458	123.678755	
0.85918	7.504708	85.443753	0.716797
0.004527	0.138097	121.728797	
1.00000	7.504708	85.443753	0.716797
0.004527	0.491854	134.305024	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.178694	-90.964198	-0.844800
-0.004081	-0.925120	-80.163526	
0.57755	-10.178694	-90.964198	-0.844800
-0.004081	-0.571319	-57.127188	
0.71837	-10.178694	-90.964198	-0.844800
-0.004081	-0.229669	-47.237268	
0.85918	-10.178694	-90.964198	-0.844800
-0.004081	-0.117857	-46.628991	
1.00000	-10.178694	-90.964198	-0.844800
-0.004081	-0.412848	-58.081757	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.919984	40.066928	0.220924
0.000534	0.245747	72.559461	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3928
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57755	0.919984	40.066928	0.220924
0.000534	0.153146	55.941691	
0.71837	0.919984	40.066928	0.220924
0.000534	0.060526	40.126211	
0.85918	0.919984	40.066928	0.220924
0.000534	0.035636	25.003277	
1.00000	0.919984	40.066928	0.220924
0.000534	0.137347	14.850541	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-4.681574	-1.561641	-0.242716
-0.000294	-0.026636	-3.411111	
0.57755	-4.681574	-1.561641	-0.242716
-0.000294	-0.167903	-3.079641	
0.71837	-4.681574	-1.561641	-0.242716
-0.000294	-0.066180	-4.177052	
0.85918	-4.681574	-1.561641	-0.242716
-0.000294	-0.032012	-7.121055	
1.00000	-4.681574	-1.561641	-0.242716
-0.000294	-0.124682	-11.058922	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.929382	86.545106	0.314921
0.005095	0.350459	212.830976	
0.57755	4.929382	86.545106	0.314921
0.005095	0.218459	179.227371	
0.71837	4.929382	86.545106	0.314921
0.005095	0.086441	155.813458	
0.85918	4.929382	86.545106	0.314921
0.005095	0.046880	146.014020	
1.00000	4.929382	86.545106	0.314921
0.005095	0.278573	141.765188	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.477836	-60.725777	-0.458880
-0.005052	-0.491564	-21.604315	
0.57755	-7.477836	-60.725777	-0.458880
-0.005052	-0.299626	-3.790954	
0.71837	-7.477836	-60.725777	-0.458880
-0.005052	-0.124356	-5.852812	
0.85918	-7.477836	-60.725777	-0.458880
-0.005052	-0.063371	-7.030261	
1.00000	-7.477836	-60.725777	-0.458880
-0.005052	-0.187723	-11.148007	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.712679	95.298850	0.562440
0.005154	0.624994	190.541242	
0.57755	4.712679	95.298850	0.562440
0.005154	0.389251	160.452344	
0.71837	4.712679	95.298850	0.562440
0.005154	0.153492	140.916732	
0.85918	4.712679	95.298850	0.562440
0.005154	0.121635	134.907700	
1.00000	4.712679	95.298850	0.562440
0.005154	0.417928	131.537351	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-10.417017	-58.101555	-0.708128
-0.004545	-0.770028	-28.730433	
0.57755	-10.417017	-58.101555	-0.708128
-0.004545	-0.473578	-20.454543	
0.71837	-10.417017	-58.101555	-0.708128
-0.004545	-0.192158	-28.081212	
0.85918	-10.417017	-58.101555	-0.708128
-0.004545	-0.098334	-38.213461	
1.00000	-10.417017	-58.101555	-0.708128
-0.004545	-0.327185	-49.031424	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	9.596915	82.292349	0.747856
0.003774	0.831246	160.852433	
0.57755	9.596915	82.292349	0.747856
0.003774	0.517782	134.809446	
0.71837	9.596915	82.292349	0.747856
0.003774	0.204293	116.587000	
0.85918	9.596915	82.292349	0.747856
0.003774	0.138107	109.286396	
1.00000	9.596915	82.292349	0.747856
0.003774	0.500340	119.662964	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.056918	-103.086631	-0.864970
-0.003647	-0.950344	-106.616407	
0.57755	-9.056918	-103.086631	-0.864970
-0.003647	-0.588030	-75.746565	
0.71837	-9.056918	-103.086631	-0.864970
-0.003647	-0.225570	-55.085169	
0.85918	-9.056918	-103.086631	-0.864970
-0.003647	-0.119669	-37.079326	
1.00000	-9.056918	-103.086631	-0.864970
-0.003647	-0.428651	-44.035411	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	9.190245	6.000397	0.485247
0.000259	0.539664	7.163259	
0.57755	9.190245	6.000397	0.485247
0.000259	0.336271	5.061597	
0.71837	9.190245	6.000397	0.485247
0.000259	0.132868	4.218684	
0.85918	9.190245	6.000397	0.485247
0.000259	0.070727	3.635688	
1.00000	9.190245	6.000397	0.485247
0.000259	0.275022	3.058583	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.467309	-79.027526	-0.487193
-0.000891	-0.541813	-142.587693	
0.57755	-0.467309	-79.027526	-0.487193
-0.000891	-0.337605	-109.515318	
0.71837	-0.467309	-79.027526	-0.487193
-0.000891	-0.133407	-76.468386	
0.85918	-0.467309	-79.027526	-0.487193
-0.000891	-0.070430	-43.431279	
1.00000	-0.467309	-79.027526	-0.487193
-0.000891	-0.273920	-10.411189	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	15.405033	29.745586	0.620865
0.006037	0.887440	85.420822	
0.57755	15.405033	29.745586	0.620865
0.006037	0.430206	76.697402	
0.71837	15.405033	29.745586	0.620865
0.006037	0.169939	80.067007	
0.85918	15.405033	29.745586	0.620865
0.006037	0.126907	101.825476	
1.00000	15.405033	29.745586	0.620865
0.006037	0.422580	124.391018	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-1.886056	-167.722969	-0.707138
-0.006892	-0.763868	-182.264425	
0.57755	-1.886056	-167.722969	-0.707138
-0.006892	-0.467959	-120.566172	
0.71837	-1.886056	-167.722969	-0.707138
-0.006892	-0.192349	-79.091067	
0.85918	-1.886056	-167.722969	-0.707138
-0.006892	-0.111932	-39.578773	
1.00000	-1.886056	-167.722969	-0.707138
-0.006892	-0.362694	-7.578572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	13.528270	73.791557	0.695323
0.004376	0.773544	184.144253	
0.57755	13.528270	73.791557	0.695323
0.004376	0.482102	155.936444	
0.71837	13.528270	73.791557	0.695323
0.004376	0.190636	136.112101	
0.85918	13.528270	73.791557	0.695323
0.004376	0.135803	129.148663	
1.00000	13.528270	73.791557	0.695323
0.004376	0.478301	124.263176	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-5.972108	-137.721259	-0.818399
-0.005075	-0.988491	-161.971754	
0.57755	-5.972108	-137.721259	-0.818399
-0.005075	-0.551793	-110.487453	
0.71837	-5.972108	-137.721259	-0.818399
-0.005075	-0.223016	-72.940463	
0.85918	-5.972108	-137.721259	-0.818399
-0.005075	-0.115581	-36.769960	
1.00000	-5.972108	-137.721259	-0.818399
-0.005075	-0.400732	-8.618098	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	11.824791	79.401415	0.798218
0.004104	0.887518	162.570655	
0.57755	11.824791	79.401415	0.798218
0.004104	0.552943	134.578285	
0.71837	11.824791	79.401415	0.798218
0.004104	0.218347	116.135107	
0.85918	11.824791	79.401415	0.798218
0.004104	0.146754	108.818364	
1.00000	11.824791	79.401415	0.798218
0.004104	0.528720	105.627338	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.080307	-116.710817	-0.912229
-0.004338	-1.001274	-138.565273	
0.57755	-8.080307	-116.710817	-0.912229
-0.004338	-0.619189	-100.189733	
0.71837	-8.080307	-116.710817	-0.912229
-0.004338	-0.248615	-74.257372	
0.85918	-8.080307	-116.710817	-0.912229
-0.004338	-0.128381	-50.483921	
1.00000	-8.080307	-116.710817	-0.912229
-0.004338	-0.457820	-33.992091	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.148029	26.967563	0.482595
0.000638	0.535464	1.626492	
0.57755	0.148029	26.967563	0.482595
0.000638	0.333445	1.557458	
0.71837	0.148029	26.967563	0.482595
0.000638	0.130418	3.489927	
0.85918	0.148029	26.967563	0.482595
0.000638	0.089587	5.617988	
1.00000	0.148029	26.967563	0.482595
0.000638	0.347339	7.865775	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-5.314350	-5.986085	-0.615131
-1.09E-05	-0.683347	-25.925020	
0.57755	-5.314350	-5.986085	-0.615131
-1.09E-05	-0.425484	-35.156353	
0.71837	-5.314350	-5.986085	-0.615131
-1.09E-05	-0.167785	-46.035806	
0.85918	-5.314350	-5.986085	-0.615131
-1.09E-05	-0.071287	-56.985892	
1.00000	-5.314350	-5.986085	-0.615131
-1.09E-05	-0.274413	-68.025215	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.874378	56.380744	0.766384
0.001224	0.849758	34.425470	
0.57755	0.874378	56.380744	0.766384
0.001224	0.529026	24.670310	
0.71837	0.874378	56.380744	0.766384
0.001224	0.207087	18.095649	
0.85918	0.874378	56.380744	0.766384
0.001224	0.151943	13.214988	
1.00000	0.874378	56.380744	0.766384
0.001224	0.586951	13.956310	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.731267	-9.459740	-1.038519
-0.000298	-1.153324	-28.476003	
0.57755	-8.731267	-9.459740	-1.038519
-0.000298	-0.718076	-39.603823	
0.71837	-8.731267	-9.459740	-1.038519
-0.000298	-0.283420	-54.628920	
0.85918	-8.731267	-9.459740	-1.038519
-0.000298	-0.113638	-70.710528	
1.00000	-8.731267	-9.459740	-1.038519
-0.000298	-0.435431	-90.061897	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	1.062048	100.387229	0.764764
0.000998	0.848405	182.416097	
0.57755	1.062048	100.387229	0.764764
0.000998	0.528261	153.188049	
0.71837	1.062048	100.387229	0.764764
0.000998	0.206799	126.543621	
0.85918	1.062048	100.387229	0.764764
0.000998	0.169009	101.074484	
1.00000	1.062048	100.387229	0.764764
0.000998	0.656006	79.551756	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.141797	-8.785462	-1.162153
-0.000106	-1.291915	-25.732526	
0.57755	-11.141797	-8.785462	-1.162153
-0.000106	-0.805041	-36.122082	
0.71837	-11.141797	-8.785462	-1.162153
-0.000106	-0.317907	-49.375965	
0.85918	-11.141797	-8.785462	-1.162153
-0.000106	-0.112764	-63.558586	
1.00000	-11.141797	-8.785462	-1.162153
-0.000106	-0.433899	-80.012137	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	6.540710	88.199479	0.897646
0.003632	0.901750	172.622580	
0.57755	6.540710	88.199479	0.897646
0.003632	0.617016	148.938865	
0.71837	6.540710	88.199479	0.897646
0.003632	0.242936	135.359890	
0.85918	6.540710	88.199479	0.897646
0.003632	0.203630	134.960717	
1.00000	6.540710	88.199479	0.897646
0.003632	0.757711	146.911537	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.611143	-82.122520	-1.322297
-0.003161	-1.459404	-76.201426	
0.57755	-9.611143	-82.122520	-1.322297
-0.003161	-0.906265	-55.983268	
0.71837	-9.611143	-82.122520	-1.322297
-0.003161	-0.361591	-50.977587	
0.85918	-9.611143	-82.122520	-1.322297
-0.003161	-0.144833	-54.363156	
1.00000	-9.611143	-82.122520	-1.322297
-0.003161	-0.521011	-69.017803	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.823475	38.642668	0.254502
0.000446	0.282250	73.599743	
0.57755	0.823475	38.642668	0.254502
0.000446	0.175432	57.786871	
0.71837	0.823475	38.642668	0.254502
0.000446	0.068802	42.482766	
0.85918	0.823475	38.642668	0.254502
0.000446	0.061252	28.194916	
1.00000	0.823475	38.642668	0.254502
0.000446	0.235552	17.751333	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-3.978270	-1.566809	-0.416754
-8.00E-05	0.463072	-2.866762	
0.57755	-3.978270	-1.566809	-0.416754
-0.000243	-0.288470	-3.008414	
0.71837	-3.978270	-1.566809	-0.416754
-0.000243	-0.113941	-4.276996	
0.85918	-3.978270	-1.566809	-0.416754
-0.000243	-0.037730	-6.275402	
1.00000	-3.978270	-1.566809	-0.416754
-0.000243	-0.143942	-10.412404	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.288019	80.848810	0.358124
0.004407	0.390014	221.318455	
0.57755	4.288019	80.848810	0.358124
0.004407	0.241611	190.381250	
0.71837	4.288019	80.848810	0.358124
0.004407	0.095739	168.897538	
0.85918	4.288019	80.848810	0.358124
0.004407	0.119554	159.300034	
1.00000	4.288019	80.848810	0.358124
0.004407	0.407759	153.375498	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-6.351293	-52.565815	-0.688843
-0.004377	-0.748184	-22.120388	
0.57755	-6.351293	-52.565815	-0.688843
-0.004377	-0.461001	-3.609704	
0.71837	-6.351293	-52.565815	-0.688843
-0.004377	-0.187151	-3.900370	
0.85918	-6.351293	-52.565815	-0.688843
-0.004377	-0.072035	-6.196297	
1.00000	-6.351293	-52.565815	-0.688843
-0.004377	-0.221972	-10.607182	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	4.132802	95.721428	0.685504
0.004482	0.753679	197.469731	
0.57755	4.132802	95.721428	0.685504
0.004482	0.468166	170.058107	
0.71837	4.132802	95.721428	0.685504
0.004482	0.184129	153.028316	
0.85918	4.132802	95.721428	0.685504
0.004482	0.177966	146.939987	
1.00000	4.132802	95.721428	0.685504
0.004482	0.639058	143.347793	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-9.538069	-51.616526	-1.101595
-0.004030	-1.208300	-29.262968	
0.57755	-9.538069	-51.616526	-1.101595
-0.004030	-0.747787	-21.217408	
0.71837	-9.538069	-51.616526	-1.101595
-0.004030	-0.299674	-31.312376	
0.85918	-9.538069	-51.616526	-1.101595
-0.004030	-0.119296	-43.238263	
1.00000	-9.538069	-51.616526	-1.101595
-0.004030	-0.406222	-56.565818	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.497766	83.243883	0.928502
0.003074	1.027269	165.695149	
0.57755	8.497766	83.243883	0.928502
0.003074	0.639339	141.696622	
0.71837	8.497766	83.243883	0.928502
0.003074	0.252213	125.564418	
0.85918	8.497766	83.243883	0.928502
0.003074	0.227789	119.250025	
1.00000	8.497766	83.243883	0.928502
0.003074	0.774512	132.473097	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-8.252279	-95.727951	-1.356650
-0.003048	-1.500681	-99.264311	
0.57755	-8.252279	-95.727951	-1.356650
-0.003048	-0.933056	-70.459677	
0.71837	-8.252279	-95.727951	-1.356650
-0.003048	-0.372222	-54.115336	
0.85918	-8.252279	-95.727951	-1.356650
-0.003048	-0.146746	-41.180745	
1.00000	-8.252279	-95.727951	-1.356650
-0.003048	-0.535425	-50.892588	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	8.417204	6.986840	0.621021
0.000214	0.691355	7.486291	
0.57755	8.417204	6.986840	0.621021
0.000214	0.431199	5.460298	
0.71837	8.417204	6.986840	0.621021
0.000214	0.171062	4.717206	
0.85918	8.417204	6.986840	0.621021
0.000214	0.106684	4.233767	
1.00000	8.417204	6.986840	0.621021
0.000214	0.424684	3.742714	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.382034	-78.992429	-0.756763
-0.000790	-0.844660	-143.985137	
0.57755	-0.382034	-78.992429	-0.756763
-0.000790	-0.512949	-111.678776	
0.71837	-0.382034	-78.992429	-0.756763
-0.000790	-0.209976	-80.240775	
0.85918	-0.382034	-78.992429	-0.756763
-0.000790	-0.089280	-48.881552	
1.00000	-0.382034	-78.992429	-0.756763
-0.000790	-0.349439	-17.542301	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.247494	28.458308	0.818412
0.006011	0.900334	191.050129	
0.57755	14.247494	28.458308	0.818412
0.006011	0.559809	84.050926	
0.71837	14.247494	28.458308	0.818412
0.006011	0.222877	90.724291	
0.85918	14.247494	28.458308	0.818412
0.006011	0.182520	113.850732	
1.00000	14.247494	28.458308	0.818412
0.006011	0.640525	137.329204	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-1.498342	-164.269834	-1.092867
-0.006793	-1.193046	-183.006346	
0.57755	-1.498342	-164.269834	-1.092867
-0.006793	-0.737457	-118.546650	
0.71837	-1.498342	-164.269834	-1.092867
-0.006793	-0.299624	-80.234769	
0.85918	-1.498342	-164.269834	-1.092867
-0.006793	-0.146577	-44.126718	
1.00000	-1.498342	-164.269834	-1.092867
-0.006793	-0.488560	-10.279727	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	12.604972	66.709926	0.858262
0.004543	0.946957	185.825480	
0.57755	12.604972	66.709926	0.858262
0.004543	0.589031	161.451785	
0.71837	12.604972	66.709926	0.858262
0.004543	0.233922	147.361930	
0.85918	12.604972	66.709926	0.858262
0.004543	0.198213	145.179796	
1.00000	12.604972	66.709926	0.858262
0.004543	0.721300	143.774365	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-4.905411	-136.637132	-1.248056
-0.005190	-1.372725	-161.835770	
0.57755	-4.905411	-136.637132	-1.248056
-0.005190	-0.851599	-108.050542	
0.71837	-4.905411	-136.637132	-1.248056
-0.005190	-0.342960	-73.291650	
0.85918	-4.905411	-136.637132	-1.248056
-0.005190	-0.144833	-40.134136	
1.00000	-4.905411	-136.637132	-1.248056
-0.005190	-0.503496	-9.686464	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	10.977323	77.417723	0.992636
0.004187	1.097103	164.755191	
0.57755	10.977323	77.417723	0.992636
0.004187	0.682410	139.423026	
0.71837	10.977323	77.417723	0.992636
0.004187	0.269864	125.798433	
0.85918	10.977323	77.417723	0.992636
0.004187	0.221516	122.819386	
1.00000	10.977323	77.417723	0.992636
0.004187	0.819743	122.610518	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-7.098596	-116.442633	-1.426996
-0.004429	-1.573890	-138.840405	
0.57755	-7.098596	-116.442633	-1.426996
-0.004429	-0.977459	-98.208767	
0.71837	-7.098596	-116.442633	-1.426996
-0.004429	-0.391350	-75.983931	
0.85918	-7.098596	-116.442633	-1.426996
-0.004429	-0.161594	-55.515132	
1.00000	-7.098596	-116.442633	-1.426996
-0.004429	-0.576665	-38.727226	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	15.405033	97.885286	0.798218
0.006037	0.887518	212.830976	
0.57755	15.405033	97.885286	0.798218
0.006037	0.552943	179.227371	
0.71837	15.405033	97.885286	0.798218
0.006037	0.218347	155.813458	
0.85918	15.405033	97.885286	0.798218
0.006037	0.146754	146.983020	
1.00000	15.405033	97.885286	0.798218
0.006037	0.528720	141.765188	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.731689	-167.722969	-0.912229
-0.006892	-1.001274	-182.264425	
0.57755	-11.731689	-167.722969	-0.912229
-0.006892	-0.619189	-120.566172	
0.71837	-11.731689	-167.722969	-0.912229
-0.006892	-0.248615	-79.091067	
0.85918	-11.731689	-167.722969	-0.912229
-0.006892	-0.128381	-60.454786	
1.00000	-11.731689	-167.722969	-0.912229
-0.006892	-0.457820	-75.578985	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	14.247494	100.387229	0.992636
0.006011	1.097103	221.318455	
0.57755	14.247494	100.387229	0.992636
0.006011	0.682410	190.381250	
0.71837	14.247494	100.387229	0.992636
0.006011	0.269864	168.897538	
0.85918	14.247494	100.387229	0.992636
0.006011	0.221516	159.300034	
1.00000	14.247494	100.387229	0.992636
0.006011	0.819743	153.375498	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.141797	-164.269834	-1.426996
-0.006793	-1.573890	-183.006346	
0.57755	-11.141797	-164.269834	-1.426996
-0.006793	-0.977459	-118.546650	
0.71837	-11.141797	-164.269834	-1.426996
-0.006793	-0.391350	-80.240775	
0.85918	-11.141797	-164.269834	-1.426996
-0.006793	-0.161594	-70.710528	
1.00000	-11.141797	-164.269834	-1.426996
-0.006793	-0.576865	-90.061897	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	15.405033	100.387229	0.992636
0.006037	1.097103	221.318455	
0.57755	15.405033	100.387229	0.992636
0.006037	0.682410	190.381250	
0.71837	15.405033	100.387229	0.992636
0.006037	0.269864	168.897538	
0.85918	15.405033	100.387229	0.992636
0.006037	0.221516	159.300034	
1.00000	15.405033	100.387229	0.992636
0.006037	0.819743	153.375498	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.731689	-167.722969	-1.426996
-0.006892	-1.573890	-183.006346	
0.57755	-11.731689	-167.722969	-1.426996
-0.006892	-0.977459	-120.566172	
0.71837	-11.731689	-167.722969	-1.426996
-0.006892	-0.391350	-80.240775	
0.85918	-11.731689	-167.722969	-1.426996
-0.006892	-0.161594	-70.710528	
1.00000	-11.731689	-167.722969	-1.426996
-0.006892	-0.576865	-90.061897	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	15.405033	100.387229	0.992636
0.006037	1.097103	221.318455	
0.57755	15.405033	100.387229	0.992636
0.006037	0.682410	190.381250	
0.71837	15.405033	100.387229	0.992636
0.006037	0.269864	168.897538	
0.85918	15.405033	100.387229	0.992636
0.006037	0.221516	159.300034	
1.00000	15.405033	100.387229	0.992636
0.006037	0.819743	153.375498	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-11.731689	-167.722969	-1.426996
-0.006892	-1.573890	-183.006346	
0.57755	-11.731689	-167.722969	-1.426996
-0.006892	-0.977459	-120.566172	

```
 0.71837   -11.731689 -167.722969    -1.426996
-0.006892   -0.391350   -80.240775
 0.85918   -11.731689 -167.722969    -1.426996
-0.006892   -0.161594   -70.710528
 1.00000   -11.731689 -167.722969    -1.426996
-0.006892   -0.576865   -90.061897
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3936

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      377 ================== LENGTH
=     2.977605

COMB DB-G1-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.122797     20.517817      0.356344
 0.000429   0.199445     6.191565
 0.14085    0.122797     20.517817      0.356344
 0.000429   0.049937     8.050820
 0.28170    0.122797     20.517817      0.356344
 0.000429   0.105684     9.951654
 0.42256    0.122797     20.517817      0.356344
 0.000429   0.264368     11.893331
 0.56341    0.122797     20.517817      0.356344
 0.000429   0.423068     13.862148

COMB DB-G1-1 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -4.805307    -4.710485      -0.378398
-9.55E-06   -0.211735   -54.989105
 0.14085   -4.805327    -4.710485      -0.378398
-9.55E-06   -0.052946   -63.425005
 0.28170   -4.805327    -4.710485      -0.378398
-9.55E-06   -0.099456   -71.879911
 0.42256   -4.805327    -4.710485      -0.378398
-9.55E-06   -0.246925   -80.373233
 0.56341   -4.805327    -4.710485      -0.378398
-9.55E-06   -0.398376   -88.896238

COMB DB-G1-2 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.840674     48.397160      0.585563
 0.000987   0.328546     12.703631
 0.14085    0.840674     48.397160      0.585563
 0.000987   0.083090     13.686378
 0.28170    0.840674     48.397160      0.585563
 0.000987   0.172562     15.143456
 0.42256    0.840674     48.397160      0.585563
 0.000987   0.432056     17.173298
 0.56341    0.840674     48.397160      0.585563
 0.000987   0.692040     19.661336

COMB DB-G1-2 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -8.698117    -6.729643      -0.619966
-0.000213   -0.348029   -75.614252
 0.14085   -8.698117    -6.729643      -0.619966
-0.000213   -0.087986   -93.001732
 0.28170   -8.698117    -6.729643      -0.619966
-0.000213   -0.163064   -110.975968
 0.42256   -8.698117    -6.729643      -0.619966
-0.000213   -0.408689   -129.247308
 0.56341   -8.698117    -6.729643      -0.619966
-0.000213   -0.654273   -148.560672

COMB DB-G1-3 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.033830     96.980594      0.616116
 0.001121   0.345787     62.224120
 0.14085    1.033830     96.980594      0.616116
 0.001121   0.087236     43.590299
 0.28170    1.033830     96.980594      0.616116
 0.001121   0.200716     40.053587
 0.42256    1.033830     96.980594      0.616116
 0.001121   0.497705     40.067866
 0.56341    1.033830     96.980594      0.616116
 0.001121   0.794869     41.210041

COMB DB-G1-3 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -11.573176   -6.688663      -0.708544
-0.000320   -0.393990   -67.231641
 0.14085   -11.573176   -6.688663      -0.708544
-0.000320   -0.096940   -79.980762
 0.28170   -11.573176   -6.688663      -0.708544
-0.000320   -0.171021   -93.191452
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3937

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P             V2             V3
       T          M2            M3
 0.42256   -11.573176   -6.688663      -0.708544
-0.000320   -0.429446   -129.785445
 0.56341   -11.573176   -6.688663      -0.708544
-0.000320   -0.687852   -170.172931

COMB DB-G1-4 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    5.187688     118.886469     0.705938
 0.004384   0.405004     134.476880
 0.14085    5.187688     118.886469     0.705938
 0.004384   0.113447     121.903331
 0.28170    5.187688     118.886469     0.705938
 0.004384   0.228162     121.594744
 0.42256    5.187688     118.886469     0.705938
 0.004384   0.557631     133.267552
 0.56341    5.187688     118.886469     0.705938
 0.004384   0.898740     152.690634

COMB DB-G1-4 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -11.795396   -54.116503     -0.814625
-0.003970   -0.468340   -58.095660
 0.14085   -11.795396   -54.116503     -0.814625
-0.003970   -0.127363   -69.567757
 0.28170   -11.795396   -54.116503     -0.814625
-0.003970   -0.196216   -81.600695
 0.42256   -11.795396   -54.116503     -0.814625
-0.003970   -0.492330   -112.894913
 0.56341   -11.795396   -54.116503     -0.814625
-0.003970   -0.788397   -154.523192

COMB DB-G2-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.926019     39.699200      0.219634
 0.000455   0.123540     14.839194
 0.14085    0.926019     39.699200      0.219634
 0.000455   0.031365     10.534559
 0.28170    0.926019     39.699200      0.219634
 0.000455   0.064650     9.362985
 0.42256    0.926019     39.699200      0.219634
 0.000455   0.159189     9.066938
 0.56341    0.926019     39.699200      0.219634
 0.000455   0.254170     9.035175

COMB DB-G2-1 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -4.625509    -1.492780      -0.227940
-0.000117   -0.128238   -11.065534
 0.14085   -4.625509    -1.492780      -0.227940
-0.000117   -0.032567   -15.015222
 0.28170   -4.625509    -1.492780      -0.227940
-0.000117   -0.070686   -29.107746
 0.42256   -4.625509    -1.492780      -0.227940
-0.000117   -0.152821   -44.979784
 0.56341   -4.625509    -1.492780      -0.227940
-0.000117   -0.244936   -61.383978

COMB DB-G2-2 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.690078     132.514896     0.313932
 0.005458   0.189108     142.019106
 0.14085    1.690078     132.514896     0.313932
 0.005458   0.063819     98.905424
 0.28170    1.690078     132.514896     0.313932
 0.005458   0.121654     71.964669
 0.42256    1.690078     132.514896     0.313932
 0.005458   0.286228     61.077734
 0.56341    1.690078     132.514896     0.313932
 0.005458   0.466763     60.750571

COMB DB-G2-2 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -9.762924    -9.762173      -0.432227
-0.005127   -0.258963   -11.148039
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3938

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P             V2             V3
       T          M2            M3
 0.14085   -9.762924    -9.762173      -0.432227
-0.005127   -0.078697   -15.317064
 0.28170   -9.762924    -9.762173      -0.432227
-0.005127   -0.086666   -20.273448
 0.42256   -9.762924    -9.762173      -0.432227
-0.005127   -0.218351   -50.776582
 0.56341   -9.762924    -9.762173      -0.432227
-0.005127   -0.350016   -95.210902

COMB DB-G2-3 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.789491     136.739767     0.555128
 0.005260   0.322853     131.772920
 0.14085    1.789491     136.739767     0.555128
 0.005260   0.095760     94.291253
 0.28170    1.789491     136.739767     0.555128
 0.005260   0.190012     71.338864
 0.42256    1.789491     136.739767     0.555128
 0.005260   0.459127     62.883269
 0.56341    1.789491     136.739767     0.555128
 0.005260   0.742633     63.935461

COMB DB-G2-3 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -12.441551   -12.036841     -0.677575
-0.004633   -0.314631   -104.749490
 0.14085   -12.441551   -12.036841     -0.677575
-0.004633   -0.111309   -59.886745
 0.28170   -12.441551   -12.036841     -0.677575
-0.004633   -0.154037   -71.619950
 0.42256   -12.441551   -12.036841     -0.677575
-0.004633   -0.386874   -106.585303
 0.56341   -12.441551   -12.036841     -0.677575
-0.004633   -0.619694   -153.775479

COMB DB-G2-4 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    7.750099     109.303065     0.737979
 0.003726   0.421390     119.781281
 0.14085    7.750099     109.303065     0.737979
 0.003726   0.115621     118.221679
 0.28170    7.750099     109.303065     0.737979
 0.003726   0.233993     129.433127
 0.42256    7.750099     109.303065     0.737979
 0.003726   0.574239     150.822758
 0.56341    7.750099     109.303065     0.737979
 0.003726   0.923951     178.678180

COMB DB-G2-4 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -10.351813   -73.402235     -0.834889
-0.003573   -0.477043   -44.042823
 0.14085   -10.351813   -73.402235     -0.834889
-0.003573   -0.127471   -54.130551
 0.28170   -10.351813   -73.402235     -0.834889
-0.003573   -0.204994   -64.047799
 0.42256   -10.351813   -73.402235     -0.834889
-0.003573   -0.514528   -95.131342
 0.56341   -10.351813   -73.402235     -0.834889
-0.003573   -0.824036   -134.233248

COMB DB-G3-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    9.268822     6.032185       0.479314
 0.000320   0.268762     3.055615
 0.14085    9.268822     6.032185       0.479314
 0.000320   0.067673     24.651054
 0.28170    9.268822     6.032185       0.479314
 0.000320   0.133815     57.616481
 0.42256    9.268822     6.032185       0.479314
 0.000320   0.335340     90.822856
 0.56341    9.268822     6.032185       0.479314
 0.000320   0.536878     124.115971
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3939

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -0.457135    -79.531379     -0.480539
-0.000895   -0.269281   -10.452279
 0.14085   -0.457155    -79.531379     -0.480539
-0.000895   -0.067662    -7.614945
 0.28170   -0.457155    -79.531379     -0.480539
-0.000895   -0.133294    -9.346337
 0.42256   -0.457155    -79.531379     -0.480539
-0.000895   -0.334328    -11.229026
 0.56341   -0.457155    -79.531379     -0.480539
-0.000895   -0.535353    -13.515982

COMB DB-G3-2 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    11.538843    86.576530      0.612959
 0.006187   0.358813     124.690922
 0.14085    11.538843    86.576530      0.612959
 0.006187   0.109514     131.407592
 0.28170    11.538843    86.576530      0.612959
 0.006187   0.192635     143.307597
 0.42256    11.538843    86.576530      0.612959
 0.006187   0.465636     171.729931
 0.56341    11.538843    86.576530      0.612959
 0.006187   0.757878     212.513990

COMB DB-G3-2 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -4.772436  -106.393677     -0.698966
-0.006883   -0.415365   -7.563032
 0.14085   -4.772436  -106.393677     -0.698966
-0.006883   -0.123144   -10.203553
 0.28170   -4.772436  -106.393677     -0.698966
-0.006883   -0.170477   -12.878005
 0.42256   -4.772436  -106.393677     -0.698966
-0.006883   -0.427585   -17.402523
 0.56341   -4.772436  -106.393677     -0.698966
-0.006883   -0.684659   -38.568572

COMB DB-G3-3 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    10.914219    112.285644     0.689437
 0.004731   0.397477     124.426780
 0.14085    10.914219    112.285644     0.689437
 0.004731   0.113616     123.427429
 0.28170    10.914219    112.285644     0.689437
 0.004731   0.220866     137.243425
 0.42256    10.914219    112.285644     0.689437
 0.004731   0.537358     164.740765
 0.56341    10.914219    112.285644     0.689437
 0.004731   0.867196     201.098760

COMB DB-G3-3 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -7.874643    -95.815751     -0.787927
-0.005156   -0.455160   -8.602212
 0.14085   -7.874643    -95.815751     -0.787927
-0.005156   -0.125559   -11.010261
 0.28170   -7.874643    -95.815751     -0.787927
-0.005156   -0.191207   -14.405698
 0.42256   -7.874643    -95.815751     -0.787927
-0.005156   -0.480379   -41.282176
 0.56341   -7.874643    -95.815751     -0.787927
-0.005156   -0.769526   -79.215049

COMB DB-G3-4 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    9.666072     111.020979     0.788957
 0.004231   0.451328     105.768327
 0.14085    9.666072     111.020979     0.788957
 0.004231   0.124765     105.918026
 0.28170    9.666072     111.020979     0.788957
 0.004231   0.247119     118.443664
 0.42256    9.666072     111.020979     0.788957
 0.004231   0.606021     142.307211
 0.56341    9.666072     111.020979     0.788957
 0.004231   0.975958     173.544789
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3940

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -9.619781    -82.047322     -0.883282
-0.004270   -0.506276   -33.994030
 0.14085   -9.619781    -82.047322     -0.883282
-0.004270   -0.136478   -42.929899
 0.28170   -9.619781    -82.047322     -0.883282
-0.004270   -0.219046   -52.504236
 0.42256   -9.619781    -82.047322     -0.883282
-0.004270   -0.549958   -81.414883
 0.56341   -9.619781    -82.047322     -0.883282
-0.004270   -0.880849   -120.125664

COMB DL-G1-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.152236     26.856515      0.471988
 0.000375   0.264517     7.876941
 0.14085    0.152236     26.856515      0.471988
 0.000375   0.066076     10.258211
 0.28170    0.152236     26.856515      0.471988
 0.000375   0.167261     12.702353
 0.42256    0.152236     26.856515      0.471988
 0.000375   0.417443     15.163143
 0.56341    0.152236     26.856515      0.471988
 0.000375   0.667836     17.639628

COMB DL-G1-1 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -5.270274    -5.933343      -0.596996
-6.80E-06   -0.033006   -68.052488
 0.14085   -5.270274    -5.933343      -0.596996
-6.80E-06   -0.082935   -79.143948
 0.28170   -5.270274    -5.933343      -0.596996
-6.80E-06   -0.131397   -90.295343
 0.42256   -5.270274    -5.933343      -0.596996
-6.80E-06   -0.330127   -101.477325
 0.56341   -5.270274    -5.933343      -0.596996
-6.80E-06   -0.527789   -112.658880

COMB DL-G1-2 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.818198     57.033409      0.748925
 0.000809   0.420289     13.974572
 0.14085    0.818198     57.033409      0.748925
 0.000809   0.105602     15.667663
 0.28170    0.818198     57.033409      0.748925
 0.000809   0.283903     18.225424
 0.42256    0.818198     57.033409      0.748925
 0.000809   0.708562     21.232346
 0.56341    0.818198     57.033409      0.748925
 0.000809   1.133776     24.496998

COMB DL-G1-2 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -8.718661    -8.295563      -1.014083
-0.000138   -0.566479   -90.110536
 0.14085   -8.718661    -8.295563      -1.014083
-0.000138   -0.141661   -111.126270
 0.28170   -8.718661    -8.295563      -1.014083
-0.000138   -0.207099   -132.293952
 0.42256   -8.718661    -8.295563      -1.014083
-0.000138   -0.522860   -155.680571
 0.56341   -8.718661    -8.295563      -1.014083
-0.000138   -0.836499   -179.016415

COMB DL-G1-3 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.093705     99.563162      0.746719
 0.000937   0.418854     79.530492
 0.14085    1.093705     99.563162      0.746719
 0.000937   0.105071     62.048109
 0.28170    1.093705     99.563162      0.746719
 0.000937   0.317154     50.999475
 0.42256    1.093705     99.563162      0.746719
 0.000937   0.790124     47.852768
 0.56341    1.093705     99.563162      0.746719
 0.000937   1.263060     48.075296
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3941

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -11.016667   -8.746291      -1.128148
-0.000268   -0.628930   -80.045798
 0.14085   -11.016667   -8.746291      -1.128148
-0.000268   -0.156108   -96.759053
 0.28170   -11.016667   -8.746291      -1.128148
-0.000268   -0.207139   -114.363114
 0.42256   -11.016667   -8.746291      -1.128148
-0.000268   -0.521173   -149.957067
 0.56341   -11.016667   -8.746291      -1.128148
-0.000268   -0.833902   -188.630787

COMB DL-G1-4 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    4.884891     113.354039     0.885339
 0.003458   0.509405     146.892568
 0.14085    4.884891     113.354039     0.885339
 0.003458   0.138109     139.160817
 0.28170    4.884891     113.354039     0.885339
 0.003458   0.362139     136.687839
 0.42256    4.884891     113.354039     0.885339
 0.003458   0.898209     147.103143
 0.56341    4.884891     113.354039     0.885339
 0.003458   1.442493     165.189025

COMB DL-G1-4 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -10.938375   -54.935062     -1.300376
-0.003100   -0.739161   -69.038365
 0.14085   -10.938375   -54.935062     -1.300376
-0.003100   -0.194258   -83.991855
 0.28170   -10.938375   -54.935062     -1.300376
-0.003100   -0.344387   -99.849966
 0.42256   -10.938375   -54.935062     -1.300376
-0.003100   -0.613434   -130.404861
 0.56341   -10.938375   -54.935062     -1.300376
-0.003100   -0.983041   -170.983257

COMB DL-G2-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    0.837500     38.404469      0.247993
 0.000380   0.138963     17.738696
 0.14085    0.837500     38.404469      0.247993
 0.000380   0.035167     10.498051
 0.28170    0.837500     38.404469      0.247993
 0.000380   0.114349     8.260077
 0.42256    0.837500     38.404469      0.247993
 0.000380   0.285540     7.688680
 0.56341    0.837500     38.404469      0.247993
 0.000380   0.456935     7.663120

COMB DL-G2-1 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -3.947011    -1.526855      -0.408563
-0.000108   -0.226388   -10.423158
 0.14085   -3.947011    -1.526855      -0.408563
-0.000108   -0.057514   -15.821329
 0.28170   -3.947011    -1.526855      -0.408563
-0.000108   -0.068452   -28.550114
 0.42256   -3.947011    -1.526855      -0.408563
-0.000108   -0.172404   -43.406062
 0.56341   -3.947011    -1.526855      -0.408563
-0.000108   -0.276640   -58.873493

COMB DL-G2-2 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.687239     119.499251     0.351071
 0.004658   0.218388     152.367030
 0.14085    1.687239     119.499251     0.351071
 0.004658   0.069895     114.677994
 0.28170    1.687239     119.499251     0.351071
 0.004658   0.186775     82.816789
 0.42256    1.687239     119.499251     0.351071
 0.004658   0.454545     69.442023
 0.56341    1.687239     119.499251     0.351071
 0.004658   0.734707     67.063484
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                 3942

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -8.453535    -10.534592     -0.672809
-0.004396   -0.394695   -10.607277
 0.14085   -8.453535    -10.534592     -0.672809
-0.004396   -0.113178   -15.373801
 0.28170   -8.453535    -10.534592     -0.672809
-0.004396   -0.095246   -22.231177
 0.42256   -8.453535    -10.534592     -0.672809
-0.004396   -0.237972   -47.959280
 0.56341   -8.453535    -10.534592     -0.672809
-0.004396   -0.383276   -88.308799

COMB DL-G2-3 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    1.783752     130.593753     0.669963
 0.004514   0.393235     143.350456
 0.14085    1.783752     130.593753     0.669963
 0.004514   0.112700     110.035105
 0.28170    1.783752     130.593753     0.669963
 0.004514   0.299304     82.918153
 0.42256    1.783752     130.593753     0.669963
 0.004514   0.736557     72.592178
 0.56341    1.783752     130.593753     0.669963
 0.004514   1.185624     72.143706

COMB DL-G2-3 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -11.405600   -13.565104     -1.074178
-0.003979   -0.616611   -56.588373
 0.14085   -11.405600   -13.565104     -1.074178
-0.003979   -0.167115   -70.130190
 0.28170   -11.405600   -13.565104     -1.074178
-0.003979   -0.184166   -85.896056
 0.42256   -11.405600   -13.565104     -1.074178
-0.003979   -0.461526   -118.531074
 0.56341   -11.405600   -13.565104     -1.074178
-0.003979   -0.740513   -164.277772

COMB DL-G2-4 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    7.150434     104.072055     0.919836
 0.002994   0.526687     132.430238
 0.14085    7.150434     104.072055     0.919836
 0.002994   0.141138     134.487033
 0.28170    7.150434     104.072055     0.919836
 0.002994   0.373605     141.827076
 0.42256    7.150434     104.072055     0.919836
 0.002994   0.929448     161.264260
 0.56341    7.150434     104.072055     0.919836
 0.002994   1.491442     187.491411

COMB DL-G2-4 ------------------- MIN

REL DIST          P             V2             V3
       T          M2            M3
 0.00000   -9.346399    -73.337456     -1.342964
-0.002858   -0.761715   -50.903305
 0.14085   -9.346399    -73.337456     -1.342964
-0.002858   -0.198787   -63.502549
 0.28170   -9.346399    -73.337456     -1.342964
-0.002858   -0.253757   -77.779095
 0.42256   -9.346399    -73.337456     -1.342964
-0.002858   -0.637483   -106.580567
 0.56341   -9.346399    -73.337456     -1.342964
-0.002858   -1.021921   -144.019299

COMB DL-G3-1 ------------------- MAX

REL DIST          P             V2             V3
       T          M2            M3
 0.00000    8.482836     6.982443       0.627390
```

0.000264 0.352459 3.737800
0.14085 8.482836 6.982443 0.627390
0.000264 0.089257 24.551440
0.28170 8.482836 6.982443 0.627390
0.000264 0.212936 56.942794
0.42256 8.482836 6.982443 0.627390
0.000264 0.537369 89.749413
0.56341 8.482836 6.982443 0.627390
0.000264 0.860410 122.843863
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.372560 -79.385463 -0.771499
-0.000789 -0.434254 -17.578340
0.14085 -0.372560 -79.385463 -0.771499
-0.000789 -0.109803 -10.205908
0.28170 -0.372560 -79.385463 -0.771499
-0.000789 -0.173456 -12.059775
0.42256 -0.372560 -79.385463 -0.771499
-0.000789 -0.436525 -14.346485
0.56341 -0.372560 -79.385463 -0.771499
-0.000789 -0.699524 -17.094832

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.598350 84.091727 0.825628
0.006127 0.491188 137.359735
0.14085 10.598350 84.091727 0.825628
0.006127 0.145831 144.624859
0.28170 10.598350 84.091727 0.825628
0.006127 0.302886 155.901133
0.42256 10.598350 84.091727 0.825628
0.006127 0.748621 182.041286
0.56341 10.598350 84.091727 0.825628
0.006127 1.210676 220.178701

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.568059 -105.164393 -1.109016
-0.006741 -0.650701 -10.292324
0.14085 -4.568059 -105.164393 -1.109016
-0.006741 -0.185576 -12.476281
0.28170 -4.568059 -105.164393 -1.109016
-0.006741 -0.225964 -15.733290
0.42256 -4.568059 -105.164393 -1.109016
-0.006741 -0.565800 -21.092536
0.56341 -4.568059 -105.164393 -1.109016
-0.006741 -0.909081 -45.660229

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.011668 106.494186 0.860382
0.004809 0.503037 143.726920
0.14085 10.011668 106.494186 0.860382
0.004809 0.142999 142.150408
0.28170 10.011668 106.494186 0.860382
0.004809 0.345227 147.170542
0.42256 10.011668 106.494186 0.860382
0.004809 0.855701 170.003539
0.56341 10.011668 106.494186 0.860382
0.004809 1.377572 203.223140

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -7.068679 -94.159480 -1.250281
-0.005198 -0.720968 -9.669167
0.14085 -7.068679 -94.159480 -1.250281
-0.005198 -0.116529 -12.049772
0.28170 -7.068679 -94.159480 -1.250281
-0.005198 -0.236006 -17.911812
0.42256 -7.068679 -94.159480 -1.250281
-0.005198 -0.591976 -39.164963
0.56341 -7.068679 -94.159480 -1.250281
-0.005198 -0.950559 -74.508614

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 8.830993 110.268027 0.987346
0.004247 0.519604 122.558524
0.14085 8.830993 110.268027 0.987346
0.004247 0.156984 122.551401
0.28170 8.830993 110.268027 0.987346
0.004247 0.393806 127.966178
0.42256 8.830993 110.268027 0.987346
0.004247 0.978088 148.120306
0.56341 8.830993 110.268027 0.987346
0.004247 1.571913 176.936459
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -8.867147 -81.185712 -1.420865
-0.004315 -0.812214 -38.733438
0.14085 -8.867147 -81.185712 -1.420865
-0.004315 -0.216421 -49.323184
0.28170 -8.867147 -81.185712 -1.420865
-0.004315 -0.271811 -62.612099
0.42256 -8.867147 -81.185712 -1.420865
-0.004315 -0.682163 -89.060611
0.56341 -8.867147 -81.185712 -1.420865
-0.004315 -1.094594 -127.354354

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.538843 136.739767 0.788957
0.006187 0.451328 142.019106
0.14085 11.538843 136.739767 0.788957
0.006187 0.247119 131.007592
0.28170 11.538843 136.739767 0.788957
0.006187 0.247119 143.007597
0.42256 11.538843 136.739767 0.788957
0.006187 0.606021 171.729931
0.56341 11.538843 136.739767 0.788957
0.006187 0.975958 212.513990

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.441551 -106.393677 -0.883282
-0.006883 -0.506276 -75.614252
0.14085 -12.441551 -106.393677 -0.883282
-0.006883 -0.136478 -93.001732
0.28170 -12.441551 -106.393677 -0.883282
-0.006883 -0.219046 -110.975968
0.42256 -12.441551 -106.393677 -0.883282
-0.006883 -0.549958 -129.785445
0.56341 -12.441551 -106.393677 -0.883282
-0.006883 -0.880849 -170.172931

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 10.598350 130.593753 0.987346
0.006127 0.570604 153.367030
0.14085 10.598350 130.593753 0.987346
0.006127 0.156984 144.624859
0.28170 10.598350 130.593753 0.987346
0.006127 0.393806 155.901133
0.42256 10.598350 130.593753 0.987346
0.006127 0.978088 182.041286
0.56341 10.598350 130.593753 0.987346
0.006127 1.571913 220.178701

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.405600 -105.164393 -1.420865
-0.006741 -0.812214 -90.110536
0.14085 -11.405600 -105.164393 -1.420865
-0.006741 -0.216421 -111.126270
0.28170 -11.405600 -105.164393 -1.420865
-0.006741 -0.271811 -132.933952
0.42256 -11.405600 -105.164393 -1.420865
-0.006741 -0.682163 -155.680571
0.56341 -11.405600 -105.164393 -1.420865
-0.006741 -1.094594 -188.630787

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.538843 136.739767 0.987346
0.006187 0.570604 153.367030
0.14085 11.538843 136.739767 0.987346
0.006187 0.156984 144.624859
0.28170 11.538843 136.739767 0.987346
0.006187 0.393806 155.901133
0.42256 11.538843 136.739767 0.987346
0.006187 0.978088 182.041286
0.56341 11.538843 136.739767 0.987346
0.006187 1.571913 220.178701
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.441551 -106.393677 -1.420865
-0.006883 -0.812214 -90.110536
0.14085 -12.441551 -106.393677 -1.420865
-0.006883 -0.216421 -111.126270
0.28170 -12.441551 -106.393677 -1.420865
-0.006883 -0.271811 -132.933952
0.42256 -12.441551 -106.393677 -1.420865
-0.006883 -0.682163 -155.680571
0.56341 -12.441551 -106.393677 -1.420865
-0.006883 -1.094594 -188.630787

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 11.538843 136.739767 0.987346
0.006187 0.570604 153.367030
0.14085 11.538843 136.739767 0.987346
0.006187 0.156984 144.624859
0.28170 11.538843 136.739767 0.987346
0.006187 0.393806 155.901133
0.42256 11.538843 136.739767 0.987346
0.006187 0.978088 182.041286
0.56341 11.538843 136.739767 0.987346
0.006187 1.571913 220.178701

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.441551 -106.393677 -1.420865
-0.006883 -0.812214 -90.110536
0.14085 -12.441551 -106.393677 -1.420865
-0.006883 -0.216421 -111.126270
0.28170 -12.441551 -106.393677 -1.420865
-0.006883 -0.271811 -132.933952
0.42256 -12.441551 -106.393677 -1.420865
-0.006883 -0.682163 -155.680571
0.56341 -12.441551 -106.393677 -1.420865
-0.006883 -1.094594 -188.630787

ELEM 378 ========== LENGTH = 2.977174

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 0.166450 23.290975 0.332003
0.000365 0.368658 1.530170
0.57749 0.166450 23.290975 0.332003
0.000365 0.228861 1.907069
0.71833 0.166450 23.290975 0.332003
0.000365 0.089652 2.587879
0.85916 0.166450 23.290975 0.332003
0.000365 0.054850 3.362210
1.00000 0.166450 23.290975 0.332003
0.000365 0.210502 4.258002

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -5.342766 -2.758858 -0.370976
-0.000379 -0.411699 -19.656722
0.57749 -5.342766 -2.758858 -0.370976
-0.000379 -0.256151 -28.996523
0.71833 -5.342766 -2.758858 -0.370976
-0.000379 -0.100589 -38.366942
0.85916 -5.342766 -2.758858 -0.370976
-0.000379 0.054934 -47.759702
1.00000 -5.342766 -2.758858 -0.370976
-0.000379 -0.188770 -57.224311

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.215332 51.168639 0.545779
0.000942 0.604906 33.334583
0.57749 1.215332 51.168639 0.545779
0.000942 0.376291 24.395359
0.71833 1.215332 51.168639 0.545779
0.000942 0.147867 16.824702
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.85916 1.215332 51.168639 0.545779
0.000942 0.089405 10.837458
1.00000 1.215332 51.168639 0.545779
0.000942 0.341800 10.082063

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -9.186971 -5.915095 -0.602662
-0.000961 -0.669261 -21.475179
0.57749 -9.186971 -5.915095 -0.602662
-0.000961 -0.416569 -32.468253
0.71833 -9.186971 -5.915095 -0.602662
-0.000961 -0.163846 -45.816967
0.85916 -9.186971 -5.915095 -0.602662
-0.000961 -0.081508 -61.080711
1.00000 -9.186971 -5.915095 -0.602662
-0.000961 -0.310486 -77.950304

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.205366 101.581423 0.585903
0.000688 0.649797 179.673009
0.57749 1.205366 101.581423 0.585903
0.000688 0.404139 148.447467
0.71833 1.205366 101.581423 0.585903
0.000688 0.158449 118.040484
0.85916 1.205366 101.581423 0.585903
0.000688 0.091267 88.379632
1.00000 1.205366 101.581423 0.585903
0.000688 0.353018 61.898746

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -12.114706 -3.833649 -0.623983
-0.000699 -0.693565 -18.663173
0.57749 -12.114706 -3.833649 -0.623983
-0.000699 -0.431922 -29.465178
0.71833 -12.114706 -3.833649 -0.623983
-0.000699 -0.170272 -41.464448
0.85916 -12.114706 -3.833649 -0.623983
-0.000699 -0.087231 -54.739520
1.00000 -12.114706 -3.833649 -0.623983
-0.000699 -0.332877 -68.996473

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 7.730949 87.580895 0.704754
0.004316 0.768257 166.163924
0.57749 7.730949 87.580895 0.704754
0.004316 0.477042 142.100109
0.71833 7.730949 87.580895 0.704754
0.004316 0.190059 125.383055
0.85916 7.730949 87.580895 0.704754
0.004316 0.120335 122.547366
1.00000 7.730949 87.580895 0.704754
0.004316 0.423805 135.080634

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -10.508087 -89.940085 -0.739551
-0.004313 -0.822144 -78.293242
0.57749 -10.508087 -89.940085 -0.739551
-0.004313 -0.512046 -55.936991
0.71833 -10.508087 -89.940085 -0.739551
-0.004313 -0.201927 -46.784453
0.85916 -10.508087 -89.940085 -0.739551
-0.004313 -0.119145 -46.596641
1.00000 -10.508087 -89.940085 -0.739551
-0.004313 -0.414242 -58.916306

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.175695 41.247453 0.201754
0.000418 0.224482 75.321228
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.57749 1.175695 41.247453 0.201754
0.000418 0.139898 58.106258
0.71833 1.175695 41.247453 0.201754
0.000418 0.055316 41.433683
0.85916 1.175695 41.247453 0.201754
0.000418 0.031388 25.834952
1.00000 1.175695 41.247453 0.201754
0.000418 0.122343 14.994765

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -4.612660 -1.124649 -0.216828
-0.000406 -0.241327 -2.246105
0.57749 -4.612660 -1.124649 -0.216828
-0.000406 -0.150412 -2.054544
0.71833 -4.612660 -1.124649 -0.216828
-0.000406 -0.059485 -3.319687
0.85916 -4.612660 -1.124649 -0.216828
-0.000406 -0.032037 -6.282154
1.00000 -4.612660 -1.124649 -0.216828
-0.000406 -0.113695 -10.523247

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 5.125182 87.268060 0.331628
0.005074 0.348994 216.295727
0.57749 5.125182 87.268060 0.331628
0.005074 0.215812 182.777180
0.71833 5.125182 87.268060 0.331628
0.005074 0.082637 158.154273
0.85916 5.125182 87.268060 0.331628
0.005074 0.063279 149.698157
1.00000 5.125182 87.268060 0.331628
0.005074 0.189497 144.266853

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -7.437519 -60.247756 -0.322811
-0.005065 -0.359564 -20.590437
0.57749 -7.437519 -60.247756 -0.322811
-0.005065 -0.224201 -2.818400
0.71833 -7.437519 -60.247756 -0.322811
-0.005065 -0.088821 -3.130075
0.85916 -7.437519 -60.247756 -0.322811
-0.005065 -0.069513 -6.204380
1.00000 -7.437519 -60.247756 -0.322811
-0.005065 -0.207888 -10.430594

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 4.823102 98.020156 0.551010
0.004880 0.594119 194.421884
0.57749 4.823102 98.020156 0.551010
0.004880 0.368386 163.721405
0.71833 4.823102 98.020156 0.551010
0.004880 0.147913 143.494661
0.85916 4.823102 98.020156 0.551010
0.004880 0.098682 136.762149
1.00000 4.823102 98.020156 0.551010
0.004880 0.330701 132.605162

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -10.638834 -56.261671 -0.572910
-0.004889 -0.637073 -25.477566
0.57749 -10.638834 -56.261671 -0.572910
-0.004889 -0.396849 -18.168109
0.71833 -10.638834 -56.261671 -0.572910
-0.004889 -0.156576 -26.944754
0.85916 -10.638834 -56.261671 -0.572910
-0.004889 -0.100120 -37.943123
1.00000 -10.638834 -56.261671 -0.572910
-0.004889 -0.330643 -49.767097
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 9.781800 83.357976 0.743592
0.003731 0.814431 163.308293
0.57749 9.781800 83.357976 0.743592
0.003731 0.506130 137.222687
0.71833 9.781800 83.357976 0.743592
0.003731 0.201275 119.043446
0.85916 9.781800 83.357976 0.743592
0.003731 0.122571 110.355802
1.00000 9.781800 83.357976 0.743592
0.003731 0.441336 120.997231

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -9.090281 -103.476756 -0.772925
-0.003722 -0.859533 -106.646727
0.57749 -9.090281 -103.476756 -0.772925
-0.003722 -0.535444 -75.742858
0.71833 -9.090281 -103.476756 -0.772925
-0.003722 -0.211315 -55.565572
0.85916 -9.090281 -103.476756 -0.772925
-0.003722 -0.121640 -37.023846
1.00000 -9.090281 -103.476756 -0.772925
-0.003722 -0.433101 -43.662339

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 9.367988 4.087442 0.497997
0.000568 0.553867 5.859871
0.57749 9.367988 4.087442 0.497997
0.000568 0.345070 4.927980
0.71833 9.367988 4.087442 0.497997
0.000568 0.136264 4.247310
0.85916 9.367988 4.087442 0.497997
0.000568 0.074317 3.597292
1.00000 9.367988 4.087442 0.497997
0.000568 0.288325 2.953064

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -0.260088 -82.304626 -0.510308
-0.000546 -0.567560 -148.006349
0.57749 -0.260088 -82.304626 -0.510308
-0.000546 -0.353592 -113.541416
0.71833 -0.260088 -82.304626 -0.510308
-0.000546 -0.139617 -79.103800
0.85916 -0.260088 -82.304626 -0.510308
-0.000546 -0.072547 -44.673633
1.00000 -0.260088 -82.304626 -0.510308
-0.000546 -0.281361 -10.299813

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 15.628766 27.119317 0.684006
0.006457 0.737265 83.777374
0.57749 15.628766 27.119317 0.684006
0.006457 0.457618 76.647221
0.71833 15.628766 27.119317 0.684006
0.006457 0.185077 81.048404
0.85916 15.628766 27.119317 0.684006
0.006457 0.119700 102.982947
1.00000 15.628766 27.119317 0.684006
0.006457 0.394320 126.299669

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -1.701424 -171.694902 -0.681656
-0.006427 -0.758187 -187.984647
0.57749 -1.701424 -171.694902 -0.681656
-0.006427 -0.472372 -124.675542
0.71833 -1.701424 -171.694902 -0.681656
-0.006427 -0.186513 -81.816698
0.85916 -1.701424 -171.694902 -0.681656
-0.006427 -0.124598 -40.647498
1.00000 -1.701424 -171.694902 -0.681656
-0.006427 -0.410734 -5.334292
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 13.792125 72.031206 0.724665
0.004731 0.789400 184.976541
0.57749 13.792125 72.031206 0.724665
0.004731 0.490455 157.799550
0.71833 13.792125 72.031206 0.724665
0.004731 0.196371 138.600974
0.85916 13.792125 72.031206 0.724665
0.004731 0.119522 131.561987
1.00000 13.792125 72.031206 0.724665
0.004731 0.417160 127.077062

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -5.712668 -140.868264 -0.727960
-0.004697 -0.810136 -166.666382
0.57749 -5.712668 -140.868264 -0.727960
-0.004697 -0.504901 -113.733040
0.71833 -5.712668 -140.868264 -0.727960
-0.004697 -0.199649 -74.890137
0.85916 -5.712668 -140.868264 -0.727960
-0.004697 -0.233088 -37.737859
1.00000 -5.712668 -140.868264 -0.727960
-0.004697 -0.426568 -6.173242

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 12.119243 79.461308 0.804459
0.004217 0.880578 164.889018
0.57749 12.119243 79.461308 0.804459
0.004217 0.547329 136.604146
0.71833 12.119243 79.461308 0.804459
0.004217 0.218096 118.224471
0.85916 12.119243 79.461308 0.804459
0.004217 0.131799 110.461998
1.00000 12.119243 79.461308 0.804459
0.004217 0.472005 107.212011

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -7.961822 -118.367464 -0.826251
-0.004197 -0.919050 -140.937017
0.57749 -7.961822 -118.367464 -0.826251
-0.004197 -0.572601 -101.773917
0.71833 -7.961822 -118.367464 -0.826251
-0.004197 -0.226137 -75.343261
0.85916 -7.961822 -118.367464 -0.826251
-0.004197 -0.132258 -50.829475
1.00000 -7.961822 -118.367464 -0.826251
-0.004197 -0.469113 -32.570503

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 0.207171 30.351897 0.478536
0.000301 0.530082 1.649489
0.57749 0.207171 30.351897 0.478536
0.000301 0.329946 2.162224
0.71833 0.207171 30.351897 0.478536
0.000301 0.128362 3.142909
0.85916 0.207171 30.351897 0.478536
0.000301 0.070616 4.198217
1.00000 0.207171 30.351897 0.478536
0.000301 0.270084 5.337579

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -6.102014 -3.395606 -0.476128
-0.000311 -0.527864 -21.247250
0.57749 -6.102014 -3.395606 -0.476128
-0.000311 -0.328238 -33.221530
0.71833 -6.102014 -3.395606 -0.476128
-0.000311 -0.128727 -45.556041
0.85916 -6.102014 -3.395606 -0.476128
-0.000311 -0.071610 -57.935235
1.00000 -6.102014 -3.395606 -0.476128
-0.000311 -0.073007 -70.404756
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3950

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.266849 61.411346 0.760856
0.000731 0.843193 36.564641
0.57749 1.266849 61.411346 0.760856
0.000731 0.524680 26.932314
0.71833 1.266849 61.411346 0.760856
0.000731 0.205113 18.694328
0.85916 1.266849 61.411346 0.760856
0.000731 0.119907 11.856965
1.00000 1.266849 61.411346 0.760856
0.000731 0.453949 10.821958

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -9.415999 -5.919245 -0.798049
-0.000751 -0.884045 -22.420832
0.57749 -9.415999 -5.919245 -0.798049
-0.000751 -0.549609 -36.427481
0.71833 -9.415999 -5.919245 -0.798049
-0.000751 -0.215139 -53.375597
0.85916 -9.415999 -5.919245 -0.798049
-0.000751 -0.113368 -71.240951
1.00000 -9.415999 -5.919245 -0.798049
-0.000751 -0.433064 -92.469234

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.431295 104.645549 0.813291
0.000583 0.902028 186.062909
0.57749 1.431295 104.645549 0.813291
0.000583 0.561790 157.011918
0.71833 1.431295 104.645549 0.813291
0.000583 0.219673 128.968226
0.85916 1.431295 104.645549 0.813291
0.000583 0.126437 101.851075
1.00000 1.431295 104.645549 0.813291
0.000583 0.483851 78.860401

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -11.665947 -5.397027 -0.853254
-0.000491 -0.004731 -20.043731
0.57749 -11.665947 -5.397027 -0.853254
-0.000491 -0.588558 -33.084035
0.71833 -11.665947 -5.397027 -0.853254
-0.000491 -0.230861 -48.013390
0.85916 -11.665947 -5.397027 -0.853254
-0.000491 -0.120460 -63.777078
1.00000 -11.665947 -5.397027 -0.853254
-0.000491 -0.461985 -82.003637

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 6.868469 90.386626 1.007449
0.003408 1.105942 174.478365
0.57749 6.868469 90.386626 1.007449
0.003408 0.685895 151.723755
0.71833 6.868469 90.386626 1.007449
0.003408 0.271941 136.948672
0.85916 6.868469 90.386626 1.007449
0.003408 0.153026 135.790627
1.00000 6.868469 90.386626 1.007449
0.003408 0.594102 147.445235

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -10.115747 -80.835411 -1.029098
-0.003317 -1.138649 -72.739159
0.57749 -10.115747 -80.835411 -1.029098
-0.003317 -0.708534 -54.231947
0.71833 -10.115747 -80.835411 -1.029098
-0.003317 -0.279564 -41.115551
0.85916 -10.115747 -80.835411 -1.029098
-0.003317 -0.161564 -54.245114
1.00000 -10.115747 -80.835411 -1.029098
-0.003317 -0.583830 -69.945494
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3951

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 1.220070 40.027820 0.264936
0.000337 0.294530 76.671283
0.57749 1.220070 40.027820 0.264936
0.000337 0.183422 60.157900
0.71833 1.220070 40.027820 0.264936
0.000337 0.072235 44.150217
0.85916 1.220070 40.027820 0.264936
0.000337 0.046715 29.029450
1.00000 1.220070 40.027820 0.264936
0.000337 0.175946 17.953805

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -3.827411 -0.990034 -0.309233
-0.000325 -0.342453 -2.372073
0.57749 -3.827411 -0.990034 -0.309233
-0.000325 -0.212816 -2.377927
0.71833 -3.827411 -0.990034 -0.309233
-0.000325 -0.083244 -3.836706
0.85916 -3.827411 -0.990034 -0.309233
-0.000325 -0.038401 -5.953738
1.00000 -3.827411 -0.990034 -0.309233
-0.000325 -0.149572 -10.424892

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 4.632712 81.105328 0.458359
0.004390 0.490223 224.828036
0.57749 4.632712 81.105328 0.458359
0.004390 0.301095 193.710189
0.71833 4.632712 81.105328 0.458359
0.004390 0.112043 172.191098
0.85916 4.632712 81.105328 0.458359
0.004390 0.090772 162.288172
1.00000 4.632712 81.105328 0.458359
0.004390 0.294440 156.161610

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -6.239532 -52.193358 -0.486256
-0.004366 -0.532405 -21.394826
0.57749 -6.239532 -52.193358 -0.486256
-0.004366 -0.330241 -2.611152
0.71833 -6.239532 -52.193358 -0.486256
-0.004366 -0.130625 -3.149405
0.85916 -6.239532 -52.193358 -0.486256
-0.004366 -0.087206 -5.426754
1.00000 -6.239532 -52.193358 -0.486256
-0.004366 -0.278776 -9.955845

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 4.534089 98.387253 0.767158
0.004216 0.834211 201.619133
0.57749 4.534089 98.387253 0.767158
0.004216 0.515405 173.222317
0.71833 4.534089 98.387253 0.767158
0.004216 0.205575 155.791288
0.85916 4.534089 98.387253 0.767158
0.004216 0.137075 148.774229
1.00000 4.534089 98.387253 0.767158
0.004216 0.474856 144.227017

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -9.732799 -49.510441 -0.806996
-0.004213 -0.888437 -25.244429
0.57749 -9.732799 -49.510441 -0.806996
-0.004213 -0.551498 -13.705934
0.71833 -9.732799 -49.510441 -0.806996
-0.004213 -0.217006 -29.886509
0.85916 -9.732799 -49.510441 -0.806996
-0.004213 -0.131149 -42.925533
1.00000 -9.732799 -49.510441 -0.806996
-0.004213 -0.452609 -57.436083
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3952

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 8.876812 83.991059 1.055195
0.003005 1.162150 168.813921
0.57749 8.876812 83.991059 1.055195
0.003005 0.721464 144.569254
0.71833 8.876812 83.991059 1.055195
0.003005 0.286354 128.051726
0.85916 8.876812 83.991059 1.055195
0.003005 0.168682 120.237317
1.00000 8.876812 83.991059 1.055195
0.003005 0.625079 133.757699

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -8.331791 -96.192909 -1.088929
-0.002981 -1.207179 -99.175260
0.57749 -8.331791 -96.192909 -1.088929
-0.002981 -0.751735 -70.476423
0.71833 -8.331791 -96.192909 -1.088929
-0.002981 -0.297142 -53.976034
0.85916 -8.331791 -96.192909 -1.088929
-0.002981 -0.165518 -40.633693
1.00000 -8.331791 -96.192909 -1.088929
-0.002981 -0.607380 -50.449655

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 8.555557 4.544070 0.716102
0.000476 0.797056 6.144722
0.57749 8.555557 4.544070 0.716102
0.000476 0.496795 5.330121
0.71833 8.555557 4.544070 0.716102
0.000476 0.197012 4.742900
0.85916 8.555557 4.544070 0.716102
0.000476 0.101801 4.185766
1.00000 8.555557 4.544070 0.716102
0.000476 0.403375 3.620633

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -0.233606 -82.838663 -0.718277
-0.000450 -0.480191 -150.878857
0.57749 -0.233606 -82.838663 -0.718277
-0.000450 -0.501157 -117.035778
0.71833 -0.233606 -82.838663 -0.718277
-0.000450 -0.199469 -83.255604
0.85916 -0.233606 -82.838663 -0.718277
-0.000450 -0.104103 -49.486693
1.00000 -0.233606 -82.838663 -0.718277
-0.000450 -0.403594 -15.732646

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 14.392154 24.608026 1.011006
0.006369 1.097735 89.021053
0.57749 14.392154 24.608026 1.011006
0.006369 0.678289 83.545683
0.71833 14.392154 24.608026 1.011006
0.006369 0.274196 91.455431
0.85916 14.392154 24.608026 1.011006
0.006369 0.160782 115.065338
1.00000 14.392154 24.608026 1.011006
0.006369 0.582067 138.872896

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -1.474406 -168.971493 -0.988031
-0.006335 -1.091860 -190.207148
0.57749 -1.474406 -168.971493 -0.988031
-0.006335 -0.680269 -123.994153
0.71833 -1.474406 -168.971493 -0.988031
-0.006335 -0.271425 -83.414392
0.85916 -1.474406 -168.971493 -0.988031
-0.006335 -0.175717 -44.575148
1.00000 -1.474406 -168.971493 -0.988031
-0.006335 -0.598072 -7.268731
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3953

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 12.906379 63.954065 1.042942
0.004845 1.141033 186.450845
0.57749 12.906379 63.954065 1.042942
0.004845 0.706938 163.307783
0.71833 12.906379 63.954065 1.042942
0.004845 0.284149 149.877306
0.85916 12.906379 63.954065 1.042942
0.004845 0.170838 147.805625
1.00000 12.906379 63.954065 1.042942
0.004845 0.614421 146.625397

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -4.704452 -140.514552 -1.057167
-0.004808 -1.171092 -167.939145
0.57749 -4.704452 -140.514552 -1.057167
-0.004808 -0.729958 -112.606688
0.71833 -4.704452 -140.514552 -1.057167
-0.004808 -0.290520 -75.758214
0.85916 -4.704452 -140.514552 -1.057167
-0.004808 -0.172460 -40.153642
1.00000 -4.704452 -140.514552 -1.057167
-0.004808 -0.608431 -6.810073

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 11.454450 76.908489 1.141524
0.004263 1.253233 167.243362
0.57749 11.454450 76.908489 1.141524
0.004263 0.777009 141.550391
0.71833 11.454450 76.908489 1.141524
0.004263 0.310305 128.086689
0.85916 11.454450 76.908489 1.141524
0.004263 0.186929 124.563726
1.00000 11.454450 76.908489 1.141524
0.004263 0.680924 124.004260

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -6.989102 -118.484825 -1.177931
-0.004235 -1.304910 -142.258337
0.57749 -6.989102 -118.484825 -1.177931
-0.004235 -0.812850 -100.343791
0.71833 -6.989102 -118.484825 -1.177931
-0.004235 -0.321827 -77.212795
0.85916 -6.989102 -118.484825 -1.177931
-0.004235 -0.183768 -55.463680
1.00000 -6.989102 -118.484825 -1.177931
-0.004235 -0.661415 -36.943939

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 15.628766 101.581423 0.804459
0.006457 0.880578 216.295727
0.57749 15.628766 101.581423 0.804459
0.006457 0.547329 182.777180
0.71833 15.628766 101.581423 0.804459
0.006457 0.218096 158.754273
0.85916 15.628766 101.581423 0.804459
0.006457 0.131799 149.698157
1.00000 15.628766 101.581423 0.804459
0.006457 0.472005 144.266853

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -12.114706 -171.694902 -0.826251
-0.006427 -0.919050 -187.984647
0.57749 -12.114706 -171.694902 -0.826251
-0.006427 -0.572601 -124.675542
0.71833 -12.114706 -171.694902 -0.826251
-0.006427 -0.226137 -81.816698
0.85916 -12.114706 -171.694902 -0.826251
-0.006427 -0.132258 -61.080711
1.00000 -12.114706 -171.694902 -0.826251
-0.006427 -0.609111 -77.950304
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3954

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 14.392154 104.645549 1.141524
0.006369 1.253233 224.828036
0.57749 14.392154 104.645549 1.141524
0.006369 0.777009 193.710189
0.71833 14.392154 104.645549 1.141524
0.006369 0.310305 172.191098
0.85916 14.392154 104.645549 1.141524
0.006369 0.186929 162.288172
1.00000 14.392154 104.645549 1.141524
0.006369 0.680924 156.161610

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -11.665947 -168.971493 -1.177931
-0.006335 -1.304910 -190.207148
0.57749 -11.665947 -168.971493 -1.177931
-0.006335 -0.812850 -123.994153
0.71833 -11.665947 -168.971493 -1.177931
-0.006335 -0.321827 -83.414392
0.85916 -11.665947 -168.971493 -1.177931
-0.006335 -0.183768 -71.240951
1.00000 -11.665947 -168.971493 -1.177931
-0.006335 -0.661415 -92.469234

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 15.628766 104.645549 1.141524
0.006457 1.253233 224.828036
0.57749 15.628766 104.645549 1.141524
0.006457 0.777009 193.710189
0.71833 15.628766 104.645549 1.141524
0.006457 0.310305 172.191098
0.85916 15.628766 104.645549 1.141524
0.006457 0.186929 162.288172
1.00000 15.628766 104.645549 1.141524
0.006457 0.680924 156.161610

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -12.114706 -171.694902 -1.177931
-0.006427 -1.304910 -190.207148
0.57749 -12.114706 -171.694902 -1.177931
-0.006427 -0.812850 -124.675542
0.71833 -12.114706 -171.694902 -1.177931
-0.006427 -0.321827 -83.414392
0.85916 -12.114706 -171.694902 -1.177931
-0.006427 -0.183768 -71.240951
1.00000 -12.114706 -171.694902 -1.177931
-0.006427 -0.661415 -92.469234

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.43666 15.628766 104.645549 1.141524
0.006457 1.253233 224.828036
0.57749 15.628766 104.645549 1.141524
0.006457 0.777009 193.710189
0.71833 15.628766 104.645549 1.141524
0.006457 0.310305 172.191098
0.85916 15.628766 104.645549 1.141524
0.006457 0.186929 162.288172
1.00000 15.628766 104.645549 1.141524
0.006457 0.680924 156.161610

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.43666 -12.114706 -171.694902 -1.177931
-0.006427 -1.304910 -190.207148
0.57749 -12.114706 -171.694902 -1.177931
-0.006427 -0.812850 -124.675542
0.71833 -12.114706 -171.694902 -1.177931
-0.006427 -0.321827 -83.414392
0.85916 -12.114706 -171.694902 -1.177931
-0.006427 -0.183768 -71.240951
1.00000 -12.114706 -171.694902 -1.177931
-0.006427 -0.661415 -92.469234
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3955

F R A M E E L E M E N T I N T E R N A
L F O R C E S

ELEM 379 ========== LENGTH = 2.978167

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.165832 23.217469 0.320584
1.31E-05 0.179161 4.264156
0.14087 0.165832 23.217469 0.320584
1.31E-05 0.044637 5.255736
0.28174 0.165832 23.217469 0.320584
1.31E-05 0.100876 6.331960
0.42262 0.165832 23.217469 0.320584
1.31E-05 0.252085 7.439162
0.56349 0.165832 23.217469 0.320584
1.31E-05 0.403279 8.559458

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -5.290921 -2.682927 -0.360379
-1.26E-05 -0.201513 -57.245387
0.14087 -5.290921 -2.682927 -0.360379
-1.26E-05 -0.050248 -66.871235
0.28174 -5.290921 -2.682927 -0.360379
-1.26E-05 -0.089847 -76.518475
0.42262 -5.290921 -2.682927 -0.360379
-1.26E-05 -0.224346 -86.166294
0.56349 -5.290921 -2.682927 -0.360379
-1.26E-05 -0.358838 -95.840672

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.098249 52.440556 0.531012
0.000355 0.298007 10.099798
0.14087 1.098249 52.440556 0.531012
0.000355 0.075101 9.659445
0.28174 1.098249 52.440556 0.531012
0.000355 0.164314 9.954640
0.42262 1.098249 52.440556 0.531012
0.000355 0.411328 11.057049
0.56349 1.098249 52.440556 0.531012
0.000355 0.658310 12.551911

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.177527 -3.932362 -0.588697
-0.000348 -0.330086 -77.989044
0.14087 -9.177527 -3.932362 -0.588697
-0.000348 -0.083322 -97.086411
0.28174 -9.177527 -3.932362 -0.588697
-0.000348 -0.148209 -116.923870
0.42262 -9.177527 -3.932362 -0.588697
-0.000348 -0.370528 -136.971628
0.56349 -9.177527 -3.932362 -0.588697
-0.000348 -0.593136 -158.017512

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.223404 100.690478 0.554216
0.000521 0.310093 61.866938
0.14087 1.223404 100.690478 0.554216
0.000521 0.078195 40.071737
0.28174 1.223404 100.690478 0.554216
0.000521 0.170760 33.487811
0.42262 1.223404 100.690478 0.554216
0.000521 0.428391 31.018827
0.56349 1.223404 100.690478 0.554216
0.000521 0.686015 30.050982

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -11.948111 -3.762858 -0.614033
-0.000482 -0.344496 -69.023912
0.14087 -11.948111 -3.762858 -0.614033
-0.000482 -0.086770 -83.273551
0.28174 -11.948111 -3.762858 -0.614033
-0.000482 -0.155893 -97.792983
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3956

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.42262 -11.948111 -3.762858 -0.614033
-0.000482 -0.387039 -135.050446
0.56349 -11.948111 -3.762858 -0.614033
-0.000482 -0.619180 -177.011103

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 5.405782 120.954442 0.677909
0.003979 0.394665 135.248658
0.14087 5.405782 120.954442 0.677909
0.003979 0.110647 120.615754
0.28174 5.405782 120.954442 0.677909
0.003979 0.202480 118.521271
0.42262 5.405782 120.954442 0.677909
0.003979 0.507619 128.721260
0.56349 5.405782 120.954442 0.677909
0.003979 0.812735 146.148368

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -12.063849 -52.923079 -0.727240
-0.003992 -0.416551 -58.934228
0.14087 -12.063849 -52.923079 -0.727240
-0.003992 -0.116325 -71.266046
0.28174 -12.063849 -52.923079 -0.727240
-0.003992 -0.182202 -84.097207
0.42262 -12.063849 -52.923079 -0.727240
-0.003992 -0.462174 -115.451061
0.56349 -12.063849 -52.923079 -0.727240
-0.003992 -0.743304 -158.064596

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.182150 40.886842 0.200791
0.000304 0.113035 14.978933
0.14087 1.182150 40.886842 0.200791
0.000304 0.028739 8.932695
0.28174 1.182150 40.886842 0.200791
0.000304 0.059655 6.854296
0.42262 1.182150 40.886842 0.200791
0.000304 0.150197 6.121343
0.56349 1.182150 40.886842 0.200791
0.000304 0.240727 5.799727

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -4.553780 -1.056461 -0.215783
-0.000292 -0.121409 -10.532370
0.14087 -4.553780 -1.056461 -0.215783
-0.000292 -0.030840 -14.825269
0.28174 -4.553780 -1.056461 -0.215783
-0.000292 -0.055462 -29.346141
0.42262 -4.553780 -1.056461 -0.215783
-0.000292 -0.139690 -45.697438
0.56349 -4.553780 -1.056461 -0.215783
-0.000292 -0.223922 -62.569433

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.874613	133.144002	0.313268
0.005325	0.196333	144.519002	
0.14087	1.874613	133.144002	0.313268
0.005325	0.065566	99.048944	
0.28174	1.874613	133.144002	0.313268
0.005325	0.089065	69.944285	
0.42262	1.874613	133.144002	0.313268
0.005325	0.224367	57.458351	
0.56349	1.874613	133.144002	0.313268
0.005325	0.359653	54.816663	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.640723	-9.058958	-0.322435
-0.005281	-0.193564	-10.432726	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14087	-9.640723	-9.058958	-0.322435
-0.005281	-0.065040	-14.722474	
0.28174	-9.640723	-9.058958	-0.322435
-0.005281	-0.085597	-19.607246	
0.42262	-9.640723	-9.058958	-0.322435
-0.005281	-0.202875	-49.335772	
0.56349	-9.640723	-9.058958	-0.322435
-0.005281	-0.329806	-94.116342	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.884969	139.367961	0.527840
0.004790	0.314289	132.657914	
0.14087	1.884969	139.367961	0.527840
0.004790	0.093347	92.589490	
0.28174	1.884969	139.367961	0.527840
0.004790	0.157014	67.090905	
0.42262	1.884969	139.367961	0.527840
0.004790	0.394198	56.585604	
0.56349	1.884969	139.367961	0.527840
0.004790	0.631332	54.969480	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.586256	-9.996911	-0.565205
-0.004859	-0.328119	-49.786640	
0.14087	-12.586256	-9.996911	-0.565205
-0.004859	-0.097054	-61.622734	
0.28174	-12.586256	-9.996911	-0.565205
-0.004859	-0.145449	-74.167287	
0.42262	-12.586256	-9.996911	-0.565205
-0.004859	-0.354506	-109.309017	
0.56349	-12.586256	-9.996911	-0.565205
-0.004859	-0.571891	-157.686521	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.925609	110.312459	0.718299
0.003529	0.414822	121.110943	
0.14087	7.925609	110.312459	0.718299
0.003529	0.113763	118.180337	
0.28174	7.925609	110.312459	0.718299
0.003529	0.212881	128.050475	
0.42262	7.925609	110.312459	0.718299
0.003529	0.531517	148.536565	
0.56349	7.925609	110.312459	0.718299
0.003529	0.851114	175.144983	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.337633	-73.647995	-0.761759
-0.003597	-0.434433	-43.673777	
0.14087	-10.337633	-73.647995	-0.761759
-0.003597	-0.116754	-54.116217	
0.28174	-10.337633	-73.647995	-0.761759
-0.003597	-0.199408	-65.013102	
0.42262	-10.337633	-73.647995	-0.761759
-0.003597	-0.492157	-94.941785	
0.56349	-10.337633	-73.647995	-0.761759
-0.003597	-0.790844	-134.529756	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.449068	4.125785	0.491046
0.000598	0.275432	2.950479	
0.14087	9.449068	4.125785	0.491046
0.000598	0.069321	26.251846	
0.28174	9.449068	4.125785	0.491046
0.000598	0.139957	60.536892	
0.42262	9.449068	4.125785	0.491046
0.000598	0.350738	95.093223	
0.56349	9.449068	4.125785	0.491046
0.000598	0.561515	129.741915	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252980	-82.792310	-0.502397
-0.000619	-0.281607	-10.343162	
0.14087	-0.252980	-82.792310	-0.502397
-0.000619	-0.070778	-4.991632	
0.28174	-0.252980	-82.792310	-0.502397
-0.000619	-0.141614	-5.931087	
0.42262	-0.252980	-82.792310	-0.502397
-0.000619	-0.342621	-7.012058	
0.56349	-0.252980	-82.792310	-0.502397
-0.000619	-0.548628	-8.464377	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753645	83.824097	0.673353
0.006580	0.401502	126.597860	
0.14087	11.753645	83.824097	0.673353
0.006580	0.119771	135.095351	
0.28174	11.753645	83.824097	0.673353
0.006580	0.186963	147.884589	
0.42262	11.753645	83.824097	0.673353
0.006580	0.468298	177.937535	
0.56349	11.753645	83.824097	0.673353
0.006580	0.749593	218.777770	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.494149	-110.073305	-0.670473
-0.006548	-0.390264	-5.321857	
0.14087	-4.494149	-110.073305	-0.670473
-0.006548	-0.117242	-6.852349	
0.28174	-4.494149	-110.073305	-0.670473
-0.006548	-0.185253	-8.406963	
0.42262	-4.494149	-110.073305	-0.670473
-0.006548	-0.452028	-11.690734	
0.56349	-4.494149	-110.073305	-0.670473
-0.006548	-0.729039	-31.476545	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.169835	110.453017	0.704237
0.005006	0.412230	127.236393	
0.14087	11.169835	110.453017	0.704237
0.005006	0.117240	125.515986	
0.28174	11.169835	110.453017	0.704237
0.005006	0.200153	138.860425	
0.42262	11.169835	110.453017	0.704237
0.005006	0.502555	166.372952	
0.56349	11.169835	110.453017	0.704237
0.005006	0.804939	202.232895	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.548980	-98.756036	-0.720735
-0.004946	-0.414687	-6.760395	
0.14087	-7.548980	-98.756036	-0.720735
-0.004946	-0.117967	-7.660934	
0.28174	-7.548980	-98.756036	-0.720735
-0.004946	-0.194042	-9.988100	
0.42262	-7.548980	-98.756036	-0.720735
-0.004946	-0.478245	-35.166916	
0.56349	-7.548980	-98.756036	-0.720735
-0.004946	-0.769942	-72.423207	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.954781	111.018746	0.780892
0.004261	0.452091	107.348464	
0.14087	9.954781	111.018746	0.780892
0.004261	0.124813	106.573356	
0.28174	9.954781	111.018746	0.780892
0.004261	0.226727	118.318218	
0.42262	9.954781	111.018746	0.780892
0.004261	0.568875	141.828175	
0.56349	9.954781	111.018746	0.780892
0.004261	0.911006	172.246492	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.444027	-83.535492	-0.815472
-0.004209	-0.465866	-32.576467	
0.14087	-9.444027	-83.535492	-0.815472
-0.004209	-0.128346	-41.439226	
0.28174	-9.444027	-83.535492	-0.815472
-0.004209	-0.216337	-50.779970	
0.42262	-9.444027	-83.535492	-0.815472
-0.004209	-0.534161	-78.913323	
0.56349	-9.444027	-83.535492	-0.815472
-0.004209	-0.858670	-117.687789	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210210	30.229881	0.456907
9.28E-06	0.026351	5.346248	
0.14087	0.210210	30.229881	0.456907
9.28E-06	0.062938	6.613252	
0.28174	0.210210	30.229881	0.456907
9.28E-06	0.128328	7.973889	
0.42262	0.210210	30.229881	0.456907
9.28E-06	0.320473	9.365629	
0.56349	0.210210	30.229881	0.456907
9.28E-06	0.512815	10.766601	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.049279	-3.348761	-0.458501
-8.90E-06	-0.256043	-70.433661	
0.14087	-6.049279	-3.348761	-0.458501
-8.90E-06	-0.063878	-82.970884	
0.28174	-6.049279	-3.348761	-0.458501
-8.90E-06	-0.128019	-95.574556	
0.42262	-6.049279	-3.348761	-0.458501
-8.90E-06	-0.320509	-108.375975	
0.56349	-6.049279	-3.348761	-0.458501
-8.90E-06	-0.511744	-120.863844	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.207099	62.057524	0.727809
0.000263	0.407844	10.833753	
0.14087	1.207099	62.057524	0.727809
0.000263	0.101550	10.863453	
0.28174	1.207099	62.057524	0.727809
0.000263	0.213750	11.839230	
0.42262	1.207099	62.057524	0.727809
0.000263	0.531071	13.329185	
0.56349	1.207099	62.057524	0.727809
0.000263	0.848625	15.168150	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.385787	-4.759206	-0.757616
-0.000257	-0.422418	-92.520200	
0.14087	-9.385787	-4.759206	-0.757616
-0.000257	-0.105111	-115.599456	
0.28174	-9.385787	-4.759206	-0.757616
-0.000257	-0.203785	-139.510788	
0.42262	-9.385787	-4.759206	-0.757616
-0.000257	-0.509186	-164.398904	
0.56349	-9.385787	-4.759206	-0.757616
-0.000257	-0.814005	-189.947519	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.453107	103.834982	0.771868
0.000432	0.431667	78.830857	
0.14087	1.453107	103.834982	0.771868
0.000432	0.107270	59.350334	
0.28174	1.453107	103.834982	0.771868
0.000432	0.228682	46.241060	
0.42262	1.453107	103.834982	0.771868
0.000432	0.567444	40.924808	
0.56349	1.453107	103.834982	0.771868
0.000432	0.906277	39.299473	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.516669	-5.359756	-0.808591
-0.000405	-0.449767	-82.042894	
0.14087	-11.516669	-5.359756	-0.808591
-0.000405	-0.111182	-100.559245	
0.28174	-11.516669	-5.359756	-0.808591
-0.000405	-0.214477	-119.388392	
0.42262	-11.516669	-5.359756	-0.808591
-0.000405	-0.540564	-156.456228	
0.56349	-11.516669	-5.359756	-0.808591
-0.000405	-0.863987	-196.786790	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.204286	115.542898	0.974481
0.003116	0.558096	147.417825	
0.14087	5.204286	115.542898	0.974481
0.003116	0.149244	138.709359	
0.28174	5.204286	115.542898	0.974481
0.003116	0.279054	135.218714	
0.42262	5.204286	115.542898	0.974481
0.003116	0.696096	144.349894	
0.56349	5.204286	115.542898	0.974481
0.003116	1.114426	161.408331	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.384335	-53.534374	-1.001601
-0.003095	-0.572270	-69.972061	
0.14087	-11.384335	-53.534374	-1.001601
-0.003095	-0.152369	-85.961588	
0.28174	-11.384335	-53.534374	-1.001601
-0.003095	-0.270702	-102.402344	
0.42262	-11.384335	-53.534374	-1.001601
-0.003095	-0.670723	-133.662342	
0.56349	-11.384335	-53.534374	-1.001601
-0.003095	-1.077387	-174.799792	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.228672	39.797577	0.254844
0.000250	0.142584	17.937612	
0.14087	1.228672	39.797577	0.254844
0.000250	0.082214	6.763094	
0.28174	1.228672	39.797577	0.254844
0.000250	0.082203	6.774468	
0.42262	1.228672	39.797577	0.254844
0.000250	0.202323	5.596032	
0.56349	1.228672	39.797577	0.254844
0.000250	0.322526	5.138355	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.786848	-0.950654	-0.286658
-0.000240	-0.158473	-10.455475	
0.14087	-3.786848	-0.950654	-0.286658
-0.000240	-0.038884	-15.623225	
0.28174	-3.786848	-0.950654	-0.286658
-0.000240	-0.071166	-28.634794	
0.42262	-3.786848	-0.950654	-0.286658
-0.000240	-0.178137	-43.928227	
0.56349	-3.786848	-0.950654	-0.286658
-0.000240	-0.285135	-59.859392	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.018734	119.763490	0.439967
0.004550	0.265351	156.149455	
0.14087	2.018734	119.763490	0.439967
0.004550	0.081794	116.622701	
0.28174	2.018734	119.763490	0.439967
0.004550	0.129207	83.863171	
0.42262	2.018734	119.763490	0.439967
0.004550	0.318549	69.413686	
0.56349	2.018734	119.763490	0.439967
0.004550	0.510567	66.111096	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.262980	-10.002007	-0.463355
-0.004518	-0.276827	-9.959356	
0.14087	-8.262980	-10.002007	-0.463355
-0.004518	-0.083089	-14.859739	
0.28174	-8.262980	-10.002007	-0.463355
-0.004518	-0.120471	-21.259600	
0.42262	-8.262980	-10.002007	-0.463355
-0.004518	-0.291299	-46.812591	
0.56349	-8.262980	-10.002007	-0.463355
-0.004518	-0.473083	-86.636977	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.172176	133.257175	0.734802
0.004191	0.294008	144.221100	
0.14087	2.172176	133.257175	0.734802
0.004191	0.120786	109.409747	
0.28174	2.172176	133.257175	0.734802
0.004191	0.215113	80.710991	
0.42262	2.172176	133.257175	0.734802
0.004191	0.532443	68.684393	
0.56349	2.172176	133.257175	0.734802
0.004191	0.852524	66.655635	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.522456	-11.318759	-0.767486
-0.004174	-0.444013	-57.465199	
0.14087	-11.522456	-11.318759	-0.767486
-0.004174	-0.123557	-72.199273	
0.28174	-11.522456	-11.318759	-0.767486
-0.004174	-0.203367	-88.560803	
0.42262	-11.522456	-11.318759	-0.767486
-0.004174	-0.504076	-122.055255	
0.56349	-11.522456	-11.318759	-0.767486
-0.004174	-0.805838	-168.424895	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.523331	104.827286	1.031300
0.002873	0.587608	133.708586	
0.14087	7.523331	104.827286	1.031300
0.002873	0.155782	135.433523	
0.28174	7.523331	104.827286	1.031300
0.002873	0.279510	142.393348	
0.42262	7.523331	104.827286	1.031300
0.002873	0.743176	161.362492	
0.56349	7.523331	104.827286	1.031300
0.002873	1.189845	187.253806	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.375309	-73.702376	-1.068001
-0.002865	-0.607467	-50.466966	
0.14087	-9.375309	-73.702376	-1.068001
-0.002865	-0.159969	-63.461751	
0.28174	-9.375309	-73.702376	-1.068001
-0.002865	-0.286262	-77.619049	
0.42262	-9.375309	-73.702376	-1.068001
-0.002865	-0.711557	-106.496335	
0.56349	-9.375309	-73.702376	-1.068001
-0.002865	-1.143155	-143.913021	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.625845	4.548436	0.721153
0.000506	0.404756	3.616567	
0.14087	8.625845	4.548436	0.721153
0.000506	0.102197	25.993331	
0.28174	8.625845	4.548436	0.721153
0.000506	0.202467	60.114789	
0.42262	8.625845	4.548436	0.721153
0.000506	0.511643	94.632312	
0.56349	8.625845	4.548436	0.721153
0.000506	0.819876	129.347032	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226027	-83.214725	-0.735422
-0.000511	-0.414654	-15.774541	
0.14087	-0.226027	-83.214725	-0.735422
-0.000511	-0.105126	-6.631372	
0.28174	-0.226027	-83.214725	-0.735422
-0.000511	-0.199849	-7.597496	
0.42262	-0.226027	-83.214725	-0.735422
-0.000511	-0.502099	-8.915488	
0.56349	-0.226027	-83.214725	-0.735422
-0.000511	-0.804784	-10.660604	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.741588	80.233768	1.011128
0.006399	0.594414	138.897109	
0.14087	10.741588	80.233768	1.011128
0.006399	0.171213	148.619513	
0.28174	10.741588	80.233768	1.011128
0.006399	0.274845	161.926639	
0.42262	10.741588	80.233768	1.011128
0.006399	0.692234	189.615164	
0.56349	10.741588	80.233768	1.011128
0.006399	1.112296	229.344294	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.455531	-109.622393	-1.009456
-0.006411	-0.596129	-7.282152	
0.14087	-4.455531	-109.622393	-1.009456
-0.006411	-0.172057	-8.259076	
0.28174	-4.455531	-109.622393	-1.009456
-0.006411	-0.277238	-10.139296	
0.42262	-4.455531	-109.622393	-1.009456
-0.006411	-0.681664	-13.800696	
0.56349	-4.455531	-109.622393	-1.009456
-0.006411	-1.101834	-36.127515	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.305192	103.747491	1.038170
0.004986	0.601719	146.575262	
0.14087	10.305192	103.747491	1.038170
0.004986	0.167246	146.096612	
0.28174	10.305192	103.747491	1.038170
0.004986	0.292565	151.983454	
0.42262	10.305192	103.747491	1.038170
0.004986	0.733834	175.556851	
0.56349	10.305192	103.747491	1.038170
0.004986	1.176894	209.682941	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.792614	-97.854997	-1.062282
-0.004984	-0.616557	-6.798544	
0.14087	-6.792614	-97.854997	-1.062282
-0.004984	-0.170288	-8.064723	
0.28174	-6.792614	-97.854997	-1.062282
-0.004984	-0.285963	-12.242310	
0.42262	-6.792614	-97.854997	-1.062282
-0.004984	-0.707046	-32.106263	
0.56349	-6.792614	-97.854997	-1.062282
-0.004984	-1.139772	-65.685958	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.300254	109.764335	1.125775
0.004242	0.646963	123.968112	
0.14087	9.300254	109.764335	1.125775
0.004242	0.175646	124.387020	
0.28174	9.300254	109.764335	1.125775
0.004242	0.322948	130.049653	
0.42262	9.300254	109.764335	1.125775
0.004242	0.807858	150.343588	
0.56349	9.300254	109.764335	1.125775
0.004242	1.293946	179.421314	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.689845	-83.079899	-1.164119
-0.004243	-0.668238	-36.957083	
0.14087	-8.689845	-83.079899	-1.164119
-0.004243	-0.179848	-47.472432	
0.28174	-8.689845	-83.079899	-1.164119
-0.004243	-0.311252	-60.102554	
0.42262	-8.689845	-83.079899	-1.164119
-0.004243	-0.771802	-86.157281	
0.56349	-8.689845	-83.079899	-1.164119
-0.004243	-1.241930	-123.735048	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.753645	139.367961	0.780892
0.006580	0.452091	144.513002	
0.14087	11.753645	139.367961	0.780892
0.006580	0.124813	135.095351	
0.28174	11.753645	139.367961	0.780892
0.006580	0.226727	147.884589	
0.42262	11.753645	139.367961	0.780892
0.006580	0.568875	177.937535	
0.56349	11.753645	139.367961	0.780892
0.006580	0.911006	218.777770	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.586256	-110.073305	-0.815472
-0.006548	-0.465866	-77.989044	
0.14087	-12.586256	-110.073305	-0.815472
-0.006548	-0.128346	-97.086411	
0.28174	-12.586256	-110.073305	-0.815472
-0.006548	-0.216337	-116.923870	
0.42262	-12.586256	-110.073305	-0.815472
-0.006548	-0.534161	-136.971628	
0.56349	-12.586256	-110.073305	-0.815472
-0.006548	-0.858670	-177.011103	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.741588	133.257175	1.125775
0.006399	0.646963	156.149455	
0.14087	10.741588	133.257175	1.125775
0.006399	0.175646	148.619513	
0.28174	10.741588	133.257175	1.125775
0.006399	0.322948	161.926639	
0.42262	10.741588	133.257175	1.125775
0.006399	0.807858	189.615164	
0.56349	10.741588	133.257175	1.125775
0.006399	1.293946	229.344294	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.522456	-109.622393	-1.164119

```
-0.006411   -0.668238  -92.520200
 0.14087   -11.522456 -109.622393     -1.164119
-0.006411   -0.179848 -115.599456
 0.28174   -11.522456 -109.622393     -1.164119
-0.006411   -0.311252 -139.510788
 0.42262   -11.522456 -109.622393     -1.164119
-0.006411   -0.771802 -164.398904
 0.56349   -11.522456 -109.622393     -1.164119
-0.006411   -1.241930 -196.786790

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   11.753645   139.367961    1.125775
 0.006580    0.646963    156.149455
 0.14087   11.753645   139.367961    1.125775
 0.006580    0.175646    148.619513
 0.28174   11.753645   139.367961    1.125775
 0.006580    0.322948    161.926639
 0.42262   11.753645   139.367961    1.125775
 0.006580    0.807858    189.615164
 0.56349   11.753645   139.367961    1.125775
 0.006580    1.293946    229.344294
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3964

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -12.586256  -110.073305    -1.164119
-0.006548   -0.668238   -92.520200
 0.14087  -12.586256  -110.073305    -1.164119
-0.006548   -0.179848   -115.599456
 0.28174  -12.586256  -110.073305    -1.164119
-0.006548   -0.311252   -139.510788
 0.42262  -12.586256  -110.073305    -1.164119
-0.006548   -0.771802   -164.398904
 0.56349  -12.586256  -110.073305    -1.164119
-0.006548   -1.241930   -196.786790

COMB    DESIGN ----------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.00000   11.753645   139.367961    1.125775
 0.006580    0.646963    156.149455
 0.14087   11.753645   139.367961    1.125775
 0.006580    0.175646    148.619513
 0.28174   11.753645   139.367961    1.125775
 0.006580    0.322948    161.926639
 0.42262   11.753645   139.367961    1.125775
 0.006580    0.807858    189.615164
 0.56349   11.753645   139.367961    1.125775
 0.006580    1.293946    229.344294

COMB    DESIGN ----------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.00000  -12.586256  -110.073305    -1.164119
-0.006548   -0.668238   -92.520200
 0.14087  -12.586256  -110.073305    -1.164119
-0.006548   -0.179848   -115.599456
 0.28174  -12.586256  -110.073305    -1.164119
-0.006548   -0.311252   -139.510788
 0.42262  -12.586256  -110.073305    -1.164119
-0.006548   -0.771802   -164.398904
 0.56349  -12.586256  -110.073305    -1.164119
-0.006548   -1.241930   -196.786790

ELEM      380 ================== LENGTH
=    2.976819

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.077669    23.536336    0.308852
 1.53E-05    0.342125    1.702543
 0.57753    0.077669    23.536336    0.308852
 1.53E-05    0.212654    1.810875
 0.71835    0.077669    23.536336    0.308852
 1.53E-05    0.083197    2.000799
 0.85918    0.077669    23.536336    0.308852
 1.53E-05    0.053255    2.263083
 1.00000    0.077669    23.536336    0.308852
 1.53E-05    0.203440    2.668498

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -5.173306   -1.546825   -0.358233
-0.000739   -0.397252   -17.186735
 0.57753   -5.173306   -1.546825   -0.358233
-0.000739   -0.247079   -26.583934
 0.71835   -5.173306   -1.546825   -0.358233
-0.000739   -0.096992   -36.980925
 0.85918   -5.173306   -1.546825   -0.358233
-0.000739   -0.046202   -45.460797
 1.00000   -5.173306   -1.546825   -0.358233
-0.000739   -0.175766   -54.979302

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.582480    52.208431    0.532921
 0.000390    0.590761    34.457804
 0.57753    0.582480    52.208431    0.532921
 0.000390    0.367385    25.074140
 0.71835    0.582480    52.208431    0.532921
 0.000390    0.144621    16.983746
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3965

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.85918    0.582480    52.208431    0.532921
 0.000390    0.086328    10.237502
 1.00000    0.582480    52.208431    0.532921
 0.000390    0.329650    8.182671

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -9.109209   -4.303389   -0.581323
-0.001486   -0.645122   -18.959404
 0.57753   -9.109209   -4.303389   -0.581323
-0.001486   -0.401429   -30.142662
 0.71835   -9.109209   -4.303389   -0.581323
-0.001486   -0.157693   -43.189354
 0.85918   -9.109209   -4.303389   -0.581323
-0.001486   -0.079367   -58.554856
 1.00000   -9.109209   -4.303389   -0.581323
-0.001486   -0.302889   -75.562303

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.678493   103.494219    0.724268
 0.000226    0.804296   182.070450
 0.57753    0.678493   103.494219    0.724268
 0.000226    0.500690   150.063811
 0.71835    0.678493   103.494219    0.724268
 0.000226    0.197127   118.739402
 0.85918    0.678493   103.494219    0.724268
 0.000226    0.087805    87.982746
 1.00000    0.678493   103.494219    0.724268
 0.000226    0.338841    59.876769

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671  -12.089819   -2.670908   -0.598603
-0.001142   -0.664928   -16.096111
 0.57753  -12.089819   -2.670908   -0.598603
-0.001142   -0.414016   -26.987118
 0.71835  -12.089819   -2.670908   -0.598603
-0.001142   -0.163053   -38.721761
 0.85918  -12.089819   -2.670908   -0.598603
-0.001142   -0.106546   -52.006755
 1.00000  -12.089819   -2.670908   -0.598603
-0.001142   -0.410171   -66.411008

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    7.363241    88.894790    0.857218
 0.004091    0.533878    168.213579
 0.57753    7.363241    88.894790    0.857218
 0.004091    0.579507    143.736248
 0.71835    7.363241    88.894790    0.857218
 0.004091    0.232393    126.546797
 0.85918    7.363241    88.894790    0.857218
 0.004091    0.115772    121.875600
 1.00000    7.363241    88.894790    0.857218
 0.004091    0.416394    132.672658

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671  -10.287797   -89.163651   -0.736147
-0.004518   -0.818021   -77.247520
 0.57753  -10.287797   -89.163651   -0.736147
-0.004518   -0.509415   -54.871916
 0.71835  -10.287797   -89.163651   -0.736147
-0.004518   -0.200774   -45.369470
 0.85918  -10.287797   -89.163651   -0.736147
-0.004518   -0.140561   -43.963481
 1.00000  -10.287797   -89.163651   -0.736147
-0.004518   -0.499461   -56.186184

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.490994    42.264277    0.266858
 0.000283    0.297147    77.053354
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3966

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
 0.57753    0.490994    42.264277    0.266858
 0.000283    0.185278    59.392252
 0.71835    0.490994    42.264277    0.266858
 0.000283    0.073436    42.532830
 0.85918    0.490994    42.264277    0.266858
 0.000283    0.030092    26.527816
 1.00000    0.490994    42.264277    0.266858
 0.000283    0.117184    14.680536

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -4.726071   -0.930966   -0.207673
-0.000533   -0.231046   -2.832973
 0.57753   -4.726071   -0.930966   -0.207673
-0.000533   -0.143988   -2.724229
 0.71835   -4.726071   -0.930966   -0.207673
-0.000533   -0.056910   -3.306427
 0.85918   -4.726071   -0.930966   -0.207673
-0.000533   -0.038497   -6.641510
 1.00000   -4.726071   -0.930966   -0.207673
-0.000533   -0.150363   -11.041036

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    4.568676    89.112212    0.559767
 0.005046    0.603736    218.742066
 0.57753    4.568676    89.112212    0.559767
 0.005046    0.369734    184.582223
 0.71835    4.568676    89.112212    0.559767
 0.005046    0.151841    160.070915
 0.85918    4.568676    89.112212    0.559767
 0.005046    0.057234    150.342205
 1.00000    4.568676    89.112212    0.559767
 0.005046    0.180768    143.628611

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -7.377673   -60.220415   -0.320883
-0.005087   -0.357331   -20.702083
 0.57753   -7.377673   -60.220415   -0.320883
-0.005087   -0.222802   -12.932485
 0.71835   -7.377673   -60.220415   -0.320883
-0.005087   -0.088247   -2.788094
 0.85918   -7.377673   -60.220415   -0.320883
-0.005087   -0.101596   -5.691016
 1.00000   -7.377673   -60.220415   -0.320883
-0.005087   -0.335490   -9.870876

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    4.318042    99.955174    0.738121
 0.004542    0.802945    197.552932
 0.57753    4.318042    99.955174    0.738121
 0.004542    0.494111    165.245264
 0.71835    4.318042    99.955174    0.738121
 0.004542    0.199834    144.231079
 0.85918    4.318042    99.955174    0.738121
 0.004542    0.091878    136.520877
 1.00000    4.318042    99.955174    0.738121
 0.004542    0.317250    130.965497

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671  -10.547277   -55.403257   -0.561136
-0.005162   -0.623697   -23.646512
 0.57753  -10.547277   -55.403257   -0.561136
-0.005162   -0.388457   -16.457723
 0.71835  -10.547277   -55.403257   -0.561136
-0.005162   -0.153164   -25.060932
 0.85918  -10.547277   -55.403257   -0.561136
-0.005162   -0.126524   -36.073689
 1.00000  -10.547277   -55.403257   -0.561136
-0.005162   -0.435290   -47.993931
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3967

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    9.459166    84.284751    0.899625
 0.003666    0.988513    167.168803
 0.57753    9.459166    84.284751    0.899625
 0.003666    0.611777    139.483832
 0.71835    9.459166    84.284751    0.899625
 0.003666    0.244595    119.763891
 0.85918    9.459166    84.284751    0.899625
 0.003666    0.119787    110.567658
 1.00000    9.459166    84.284751    0.899625
 0.003666    0.439031    118.666454

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -9.077281  -103.422816   -0.776818
-0.003727   -0.863583  -107.318544
 0.57753   -9.077281  -103.422816   -0.776818
-0.003727   -0.537927   -76.240744
 0.71835   -9.077281  -103.422816   -0.776818
-0.003727   -0.212221   -55.675856
 0.85918   -9.077281  -103.422816   -0.776818
-0.003727   -0.143620   -36.910123
 1.00000   -9.077281  -103.422816   -0.776818
-0.003727   -0.520345   -41.343526

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    9.513361    3.122971    0.510081
 0.000919    0.567221    5.743233
 0.57753    9.513361    3.122971    0.510081
 0.000919    0.353394    4.948463
 0.71835    9.513361    3.122971    0.510081
 0.000919    0.139568    4.219144
 0.85918    9.513361    3.122971    0.510081
 0.000919    0.077438    3.520063
 1.00000    9.513361    3.122971    0.510081
 0.000919    0.300616    2.827629

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -0.418546   -83.645947   -0.532279
-0.000158   -0.591919   -152.057626
 0.57753   -0.418546   -83.645947   -0.532279
-0.000158   -0.368785   -117.052207
 0.71835   -0.418546   -83.645947   -0.532279
-0.000158   -0.145632   -82.087246
 0.85918   -0.418546   -83.645947   -0.532279
-0.000158   -0.074233   -47.127608
 1.00000   -0.418546   -83.645947   -0.532279
-0.000158   -0.288093   -12.302383

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   15.817740   26.484732    0.787815
 0.006933    0.852841    83.630084
 0.57753   15.817740   26.484732    0.787815
 0.006933    0.523376    76.698739
 0.71835   15.817740   26.484732    0.787815
 0.006933    0.213463    80.998614
 0.85918   15.817740   26.484732    0.787815
 0.006933    0.119381    102.706242
 1.00000   15.817740   26.484732    0.787815
 0.006933    0.411513    124.598132

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -1.635355  -173.120920   -0.728795
-0.005943   -0.810526  -192.387632
 0.57753   -1.635355  -173.120920   -0.728795
-0.005943   -0.505011  -128.540090
 0.71835   -1.635355  -173.120920   -0.728795
-0.005943   -0.199416   -85.061402
 0.85918   -1.635355  -173.120920   -0.728795
-0.005943   -0.139454   -43.242907
 1.00000   -1.635355  -173.120920   -0.728795
-0.005943   -0.466913   -3.407013
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3968

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   13.714265   72.418019    0.938642
 0.005117    1.027983    186.417290
 0.57753   13.714265   72.418019    0.938642
 0.005117    0.635044    159.052504
 0.71835   13.714265   72.418019    0.938642
 0.005117    0.255571    139.438166
 0.85918   13.714265   72.418019    0.938642
 0.005117    0.117331    132.084415
 1.00000   13.714265   72.418019    0.938642
 0.005117    0.423669    125.051353

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -5.779118  -142.246831   -0.751006
-0.004278   -0.835652  -170.658597
 0.57753   -5.779118  -142.246831   -0.751006
-0.004278   -0.520819  -117.155316
 0.71835   -5.779118  -142.246831   -0.751006
-0.004278   -0.206053   -77.868693
 0.85918   -5.779118  -142.246831   -0.751006
-0.004278   -0.153599   -39.379506
 1.00000   -5.779118  -142.246831   -0.751006
-0.004278   -0.546450   -4.170481

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   11.678267   80.188464    0.970702
 0.004303    1.066061    167.278031
 0.57753   11.678267   80.188464    0.970702
 0.004303    0.659590    137.965287
 0.71835   11.678267   80.188464    0.970702
 0.004303    0.264250    119.065337
 0.85918   11.678267   80.188464    0.970702
 0.004303    0.129424    110.524008
 1.00000   11.678267   80.188464    0.970702
 0.004303    0.472904    104.819926

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -8.058634  -118.990578   -0.837252
-0.004028   -0.931043  -143.737557
 0.57753   -8.058634  -118.990578   -0.837252
-0.004028   -0.580054  -103.827985
 0.71835   -8.058634  -118.990578   -0.837252
-0.004028   -0.229023   -76.765072
 0.85918   -8.058634  -118.990578   -0.837252
-0.004028   -0.155616   -51.838629
 1.00000   -8.058634  -118.990578   -0.837252
-0.004028   -0.562036   -30.334079

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.112173    29.434204    0.607979
 1.08E-05    0.674331    1.827626
 0.57753    0.112173    29.434204    0.607979
 1.08E-05    0.419742    2.033536
 0.71835    0.112173    29.434204    0.607979
 1.08E-05    0.163898    2.369229
 0.85918    0.112173    29.434204    0.607979
 1.08E-05    0.068019    2.746066
 1.00000    0.112173    29.434204    0.607979
 1.08E-05    0.259847    3.214181

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -5.449345   -1.844518   -0.457922
-0.000689   -0.507558   -18.390079
 0.57753   -5.449345   -1.844518   -0.457922
-0.000689   -0.315721   -30.215463
 0.71835   -5.449345   -1.844518   -0.457922
-0.000689   -0.123807   -42.148418
 0.85918   -5.449345   -1.844518   -0.457922
-0.000689   -0.090366   -54.095205
 1.00000   -5.449345   -1.844518   -0.457922
-0.000689   -0.345999   -66.107224
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Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3969

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.707555    60.730721    0.976997
 0.000287    1.085651    37.584144
 0.57753    0.707555    60.730721    0.976997
 0.000287    0.676591    27.427580
 0.71835    0.707555    60.730721    0.976997
 0.000287    0.266434    18.261363
 0.85918    0.707555    60.730721    0.976997
 0.000287    0.113259    10.540997
 1.00000    0.707555    60.730721    0.976997
 0.000287    0.426851    8.053830

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -8.892593   -3.868717   -0.750432
-0.001289   -0.631139   -19.481435
 0.57753   -8.892593   -3.868717   -0.750432
-0.001289   -0.516760   -33.266723
 0.71835   -8.892593   -3.868717   -0.750432
-0.001289   -0.202363   -49.371185
 0.85918   -8.892593   -3.868717   -0.750432
-0.001289   -0.142904   -66.909748
 1.00000   -8.892593   -3.868717   -0.750432
-0.001289   -0.553179   -87.473711

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.858104   105.129058    1.173511
 9.91E-05    1.305587    187.152919
 0.57753    0.858104   105.129058    1.173511
 9.91E-05    0.814174    157.215907
 0.71835    0.858104   105.129058    1.173511
 9.91E-05    0.321554    127.884087
 0.85918    0.858104   105.129058    1.173511
 9.91E-05    0.118708    99.511030
 1.00000    0.858104   105.129058    1.173511
 9.91E-05    0.453083    74.844034

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -11.233445   -3.765632   -0.799737
-0.000947   -0.886324   -17.244710
 0.57753   -11.233445   -3.765632   -0.799737
-0.000947   -0.551081   -30.052624
 0.71835   -11.233445   -3.765632   -0.799737
-0.000947   -0.216340   -44.235493
 0.85918   -11.233445   -3.765632   -0.799737
-0.000947   -0.169888   -59.599617
 1.00000   -11.233445   -3.765632   -0.799737
-0.000947   -0.662438   -77.186641

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    6.444770    90.505765    1.424122
 0.003269    1.570978    175.681372
 0.57753    6.444770    90.505765    1.424122
 0.003269    0.975940    152.087573
 0.71835    6.444770    90.505765    1.424122
 0.003269    0.387100    135.866396
 0.85918    6.444770    90.505765    1.424122
 0.003269    0.158326    132.212743
 1.00000    6.444770    90.505765    1.424122
 0.003269    0.571602    142.173342

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -9.600561   -79.213163   -0.998622
-0.003566   -1.106684   -71.401421
 0.57753   -9.600561   -79.213163   -0.998622
-0.003566   -0.688651   -52.613182
 0.71835   -9.600561   -79.213163   -0.998622
-0.003566   -0.270711   -47.545588
 0.85918   -9.600561   -79.213163   -0.998622
-0.003566   -0.220833   -50.376272
 1.00000   -9.600561   -79.213163   -0.998622
-0.003566   -0.817774   -65.292616
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          3970

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    0.620976    40.739070    0.383993
 0.000239    0.428855    77.706486
 0.57753    0.620976    40.739070    0.383993
 0.000239    0.267819    60.797780
 0.71835    0.620976    40.739070    0.383993
 0.000239    0.106797    44.439103
 0.85918    0.620976    40.739070    0.383993
 0.000239    0.042506    29.040970
 1.00000    0.620976    40.739070    0.383993
 0.000239    0.157942    17.291261

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -3.941947   -0.749303   -0.276786
-0.000447   -0.306189   -2.895889
 0.57753   -3.941947   -0.749303   -0.276786
-0.000447   -0.190239   -2.840000
 0.71835   -3.941947   -0.749303   -0.276786
-0.000447   -0.074438   -4.011596
 0.85918   -3.941947   -0.749303   -0.276786
-0.000447   -0.054140   -6.238023
 1.00000   -3.941947   -0.749303   -0.276786
-0.000447   -0.215077   -10.582667

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2          M3
 0.43671    4.070432    82.617480    0.766903
 0.004383    0.837033    225.130493
 0.57753    4.070432    82.617480    0.766903
 0.004383    0.517813    193.341392
 0.71835    4.070432    82.617480    0.766903
 0.004383    0.209505    171.117450
 0.85918    4.070432    82.617480    0.766903
 0.004383    0.084019    160.502757
 1.00000    4.070432    82.617480    0.766903
 0.004383    0.265299    153.238903

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2          M3
 0.43671   -6.222857   -51.909051   -0.451500
-0.004399   -0.498591   -21.502010
 0.57753   -6.222857   -51.909051   -0.451500
-0.004399   -0.310013   -2.642616
 0.71835   -6.222857   -51.909051   -0.451500
-0.004399   -0.121970   -2.810740
 0.85918   -6.222857   -51.909051   -0.451500
-0.004399   -0.129805   -5.041498
 1.00000   -6.222857   -51.909051   -0.451500
-0.004399   -0.450396   -9.271383

COMB DL-G2-3 ------------------- MAX
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REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	3.886612	99.254867	1.137674	
0.003954	1.251070	202.846568		
0.57753	3.886612	99.254867	1.137674	
0.003954	0.775989	172.832468		
0.71835	3.886612	99.254867	1.137674	
0.003954	0.310498	154.267701		
0.85918	3.886612	99.254867	1.137674	
0.003954	0.127466	146.114813		
1.00000	3.886612	99.254867	1.137674	
0.003954	0.436093	140.177333		

COMB DL-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-9.525120	-48.202274	-0.754201	
-0.004502	-0.834281	-23.826215		
0.57753	-9.525120	-48.202274	-0.754201	
-0.004502	-0.518779	-16.251497		
0.71835	-9.525120	-48.202274	-0.754201	
-0.004502	-0.203941	-27.346549		
0.85918	-9.525120	-48.202274	-0.754201	
-0.004502	-0.182062	-40.080603		
1.00000	-9.525120	-48.202274	-0.754201	
-0.004502	-0.658548	-54.121245		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3971

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	8.405315	83.957503	1.477615	
0.003015	1.633299	170.740125		
0.57753	8.405315	83.957503	1.477615	
0.003015	1.014897	145.097718		
0.71835	8.405315	83.957503	1.477615	
0.003015	0.402512	127.490157		
0.85918	8.405315	83.957503	1.477615	
0.003015	0.165923	117.963756		
1.00000	8.405315	83.957503	1.477615	
0.003015	0.609262	128.651818		

COMB DL-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-8.180188	-95.143032	-1.067823	
-0.003064	-1.184211	-99.849298		
0.57753	-8.180188	-95.143032	-1.067823	
-0.003064	-0.737144	-70.433885		
0.71835	-8.180188	-95.143032	-1.067823	
-0.003064	-0.289982	-53.239240		
0.85918	-8.180188	-95.143032	-1.067823	
-0.003064	-0.225932	-38.837695		
1.00000	-8.180188	-95.143032	-1.067823	
-0.003064	-0.844816	-46.692564		

COMB DL-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	8.628599	3.313174	0.894977	
0.000839	0.992092	6.045223		
0.57753	8.628599	3.313174	0.894977	
0.000839	0.617209	5.297396		
0.71835	8.628599	3.313174	0.894977	
0.000839	0.242548	4.660053		
0.85918	8.626599	3.313174	0.894977	
0.000839	0.108462	4.041229		
1.00000	8.628599	3.313174	0.894977	
0.000839	0.424722	3.418647		

COMB DL-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.348009	-83.147211	-0.751791	
-0.000165	-0.836094	-153.727400		
0.57753	-0.348009	-83.147211	-0.751791	
-0.000165	-0.521246	-119.396913		
0.71835	-0.348009	-83.147211	-0.751791	
-0.000165	-0.205282	-85.091476		
0.85918	-0.348009	-83.147211	-0.751791	
-0.000165	-0.112095	-50.786879		
1.00000	-0.348009	-83.147211	-0.751791	
-0.000165	-0.507000	-16.506286		

COMB DL-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	14.489390	23.414641	1.341558	
0.006850	1.462837	87.680449		
0.57753	14.489390	23.414641	1.341558	
0.006850	0.903654	82.243431		
0.71835	14.489390	23.414641	1.341558	
0.006850	0.344497	90.012648		
0.85918	14.489390	23.414641	1.341558	
0.006850	0.173191	113.315987		
1.00000	14.489390	23.414641	1.341558	
0.006850	0.594775	136.754656		

COMB DL-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-1.363480	-168.880895	-1.028799	
-0.005955	-1.141229	-193.420517		
0.57753	-1.363480	-168.880895	-1.028799	
-0.005955	-0.711360	-126.786436		
0.71835	-1.363480	-168.880895	-1.028799	
-0.005955	-0.280209	-85.615050		
0.85918	-1.363480	-168.880895	-1.028799	
-0.005955	-0.226426	-46.105562		
1.00000	-1.363480	-168.880895	-1.028799	
-0.005955	-0.787446	-6.822791		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3972

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	12.692236	63.944905	1.478779	
0.005253	1.624466	186.062743		
0.57753	12.692236	63.944905	1.478779	
0.005253	1.006918	162.568927		
0.71835	12.692236	63.944905	1.478779	
0.005253	0.401101	148.610125		
0.85918	12.692236	63.944905	1.478779	
0.005253	0.172804	145.668342		
1.00000	12.692236	63.944905	1.478779	
0.005253	0.614249	143.269673		

COMB DL-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-4.732631	-140.615525	-1.069757	
-0.004483	-1.186708	-170.828356		
0.57753	-4.732631	-140.615525	-1.069757	
-0.004483	-0.739600	-115.064042		
0.71835	-4.732631	-140.615525	-1.069757	
-0.004483	-0.292493	-77.663927		
0.85918	-4.732631	-140.615525	-1.069757	
-0.004483	-0.236485	-41.415060		
1.00000	-4.732631	-140.615525	-1.069757	
-0.004483	-0.855336	-5.671513		

COMB DL-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	10.926563	76.733880	1.575207	
0.004409	1.736028	167.903361		
0.57753	10.926563	76.733880	1.575207	
0.004409	1.077574	141.214243		
0.71835	10.926563	76.733880	1.575207	
0.004409	0.428593	126.950626		
0.85918	10.926563	76.733880	1.575207	
0.004409	0.185369	122.571516		
1.00000	10.926563	76.733880	1.575207	
0.004409	0.667862	120.289034		

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-7.002565	-117.894408	-1.165907	
-0.004153	-1.292739	-144.025747		
0.57753	-7.002565	-117.894408	-1.165907	
-0.004153	-0.805145	-101.405233		
0.71835	-7.002565	-117.894408	-1.165907	
-0.004153	-0.316705	-77.527533		
0.85918	-7.002565	-117.894408	-1.165907	
-0.004153	-0.246221	-55.201886		
1.00000	-7.002565	-117.894408	-1.165907	
-0.004153	-0.905790	-34.478317		

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	15.817740	103.494219	0.970702	
0.006933	1.066061	218.742066		
0.57753	15.817740	103.494219	0.970702	
0.006933	0.659590	184.582223		
0.71835	15.817740	103.494219	0.970702	
0.006933	0.264250	160.070915		
0.85918	15.817740	103.494219	0.970702	
0.006933	0.129424	150.342205		
1.00000	15.817740	103.494219	0.970702	
0.006933	0.472904	143.628611		

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-12.089819	-173.120920	-0.837252	
-0.005943	-0.931043	-192.387832		
0.57753	-12.089819	-173.120920	-0.837252	
-0.005943	-0.580054	-128.540090		
0.71835	-12.089819	-173.120920	-0.837252	
-0.005943	-0.229023	-85.061402		
0.85918	-12.089819	-173.120920	-0.837252	
-0.005943	-0.155616	-58.554856		
1.00000	-12.089819	-173.120920	-0.837252	
-0.005943	-0.562036	-75.562303		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3973

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	14.489390	105.129058	1.575207	
0.006850	1.736028	225.130493		
0.57753	14.489390	105.129058	1.575207	
0.006850	1.077574	193.341392		
0.71835	14.489390	105.129058	1.575207	
0.006850	0.428593	171.117450		
0.85918	14.489390	105.129058	1.575207	
0.006850	0.185369	160.502757		
1.00000	14.489390	105.129058	1.575207	
0.006850	0.667862	153.238903		

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-11.233445	-168.880895	-1.165907	
-0.005955	-1.292739	-193.420517		
0.57753	-11.233445	-168.880895	-1.165907	
-0.005955	-0.805145	-126.786436		
0.71835	-11.233445	-168.880895	-1.165907	
-0.005955	-0.316705	-85.615050		
0.85918	-11.233445	-168.880895	-1.165907	
-0.005955	-0.246221	-66.909748		
1.00000	-11.233445	-168.880895	-1.165907	
-0.005955	-0.905790	-87.473711		

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	15.817740	105.129058	1.575207	
0.006933	1.736028	225.130493		
0.57753	15.817740	105.129058	1.575207	
0.006933	1.077574	193.341392		
0.71835	15.817740	105.129058	1.575207	
0.006933	0.428593	171.117450		
0.85918	15.817740	105.129058	1.575207	
0.006933	0.185369	160.502757		
1.00000	15.817740	105.129058	1.575207	
0.006933	0.667862	153.238903		

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-12.089819	-173.120920	-1.165907	
-0.005955	-1.292739	-193.420517		
0.57753	-12.089819	-173.120920	-1.165907	
-0.005955	-0.805145	-128.540090		
0.71835	-12.089819	-173.120920	-1.165907	
-0.005955	-0.316705	-85.615050		
0.85918	-12.089819	-173.120920	-1.165907	
-0.005955	-0.246221	-66.909748		
1.00000	-12.089819	-173.120920	-1.165907	
-0.005955	-0.905790	-87.473711		

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	15.817740	105.129058	1.575207	
0.006933	1.736028	225.130493		
0.57753	15.817740	105.129058	1.575207	
0.006933	1.077574	193.341392		
0.71835	15.817740	105.129058	1.575207	
0.006933	0.428593	171.117450		
0.85918	15.817740	105.129058	1.575207	
0.006933	0.185369	160.502757		
1.00000	15.817740	105.129058	1.575207	
0.006933	0.667862	153.238903		

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-12.089819	-173.120920	-1.165907	
-0.005955	-1.292739	-193.420517		
0.57753	-12.089819	-173.120920	-1.165907	
-0.005955	-0.805145	-128.540090		
0.71835	-12.089819	-173.120920	-1.165907	
-0.005955	-0.316705	-85.615050		
0.85918	-12.089819	-173.120920	-1.165907	
-0.005955	-0.246221	-66.909748		
1.00000	-12.089819	-173.120920	-1.165907	
-0.005955	-0.905790	-87.473711		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3974

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 381 ========== LENGTH = 2.977700

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.076922	23.470886	0.295320	
9.60E-06	0.164624	2.672991		
0.14086	0.076922	23.470886	0.295320	
9.60E-06	0.040687	3.176347		
0.28171	0.076922	23.470886	0.295320	
9.60E-06	0.019650	3.721256		
0.42257	0.076922	23.470886	0.295320	
9.60E-06	0.241735	4.301404		
0.56342	0.076922	23.470886	0.295320	
9.60E-06	0.386505	4.896001		

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-5.126468	-1.475983	-0.345164	
-0.000443	-0.192576	-54.999257		
0.14086	-5.126468	-1.475983	-0.345164	
-0.000443	-0.047797	-64.722388		
0.28171	-5.126468	-1.475983	-0.345164	
-0.000443	-0.083124	-74.464903		
0.42257	-5.126468	-1.475983	-0.345164	
-0.000443	-0.206973	-84.209688		
0.56342	-5.126468	-1.475983	-0.345164	
-0.000443	-0.330836	-93.992311		

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.473613	53.491214	0.504842	
0.000214	0.281461	8.198144		
0.14086	0.473613	53.491214	0.504842	
0.000214	0.070120	7.345363		
0.28171	0.473613	53.491214	0.504842	
0.000214	0.157818	7.003384		
0.42257	0.473613	53.491214	0.504842	
0.000214	0.394320	7.258067		
0.56342	0.473613	53.491214	0.504842	
0.000214	0.630781	7.941951		

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-9.112670	-2.331675	-0.563773	
-0.001002	-0.315651	-75.596712		
0.14086	-9.112670	-2.331675	-0.563773	
-0.001002	-0.079048	-94.995993		
0.28171	-9.112670	-2.331675	-0.563773	
-0.001002	-0.142731	-115.251865		
0.42257	-9.112670	-2.331675	-0.563773	
-0.001002	-0.353844	-135.704226		
0.56342	-9.112670	-2.331675	-0.563773	
-0.001002	-0.565542	-157.158693		

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.709123	102.630410	0.680391	
0.000345	0.377778	59.844092		
0.14086	0.709123	102.630410	0.680391	
0.000345	0.092883	37.712566		
0.28171	0.709123	102.630410	0.680391	
0.000345	0.163211	31.903917		
0.42257	0.709123	102.630410	0.680391	
0.000345	0.408766	30.010943		
0.56342	0.709123	102.630410	0.680391	
0.000345	0.654270	29.354464		

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-11.931612	-2.602562	-0.585397	
-0.001107	-0.327866	-66.437359		
0.14086	-11.931612	-2.602562	-0.585397	
-0.001107	-0.082239	-80.865683		
0.28171	-11.931612	-2.602562	-0.585397	
-0.001107	-0.163305	-96.562779		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3975

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257	-11.931612	-2.602562	-0.585397	
-0.001107	-0.478564	-135.346234		
0.56342	-11.931612	-2.602562	-0.585397	
-0.001107	-0.763640	-178.096423		

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	5.042359	122.251459	0.818201	
0.003991	0.469798	132.838576		
0.14086	5.042359	122.251459	0.818201	
0.003991	0.127621	118.023910		
0.28171	5.042359	122.251459	0.818201	
0.003991	0.201880	116.557064		
0.42257	5.042359	122.251459	0.818201	
0.003991	0.503511	127.259531		
0.56342	5.042359	122.251459	0.818201	
0.003991	0.805909	145.377236		

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-11.972649	-52.195385	-0.720955	
-0.004364	-0.403663	-56.204347		
0.14086	-11.972649	-52.195385	-0.720955	
-0.004364	-0.110665	-68.470175		
0.28171	-11.972649	-52.195385	-0.720955	
-0.004364	-0.229538	-81.947020		
0.42257	-11.972649	-52.195385	-0.720955	
-0.004364	-0.560972	-114.433892		
0.56342	-11.972649	-52.195385	-0.720955	
-0.004364	-0.903213	-157.971692		

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.500926	41.910485	0.246215	
0.000123	0.136178	14.664799		
0.14086	0.500926	41.910485	0.246215	
0.000123	0.033419	9.526647		
0.28171	0.500926	41.910485	0.246215	
0.000123	0.056991	8.030475		
0.42257	0.500926	41.910485	0.246215	
0.000123	0.143354	7.448188		
0.56342	0.500926	41.910485	0.246215	
0.000123	0.229697	7.154981		

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-4.669326	-0.865587	-0.205860	
-0.000447	-0.115668	-11.048631		
0.14086	-4.669326	-0.865587	-0.205860	
-0.000447	-0.029315	-15.510140		
0.28171	-4.669326	-0.865587	-0.205860	
-0.000447	-0.070572	-30.226763		
0.42257	-4.669326	-0.865587	-0.205860	
-0.000447	-0.173776	-47.018817		
0.56342	-4.669326	-0.865587	-0.205860	
-0.000447	-0.277043	-64.298103		

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.318420	134.955964	0.526490	
0.005159	0.311595	143.879389		
0.14086	1.318420	134.955964	0.526490	
0.005159	0.092272	98.620526		
0.28171	1.318420	134.955964	0.526490	
0.005159	0.088413	70.880455		
0.42257	1.318420	134.955964	0.526490	
0.005159	0.222572	59.498355		
0.56342	1.318420	134.955964	0.526490	
0.005159	0.356704	58.218821		

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-9.757392	-9.105773	-0.319767	
-0.005415	-0.179600	-9.873982		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3976

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14086	-9.757392	-9.105773	-0.319767	
-0.005415	-0.058637	-14.137585		
0.28171	-9.757392	-9.105773	-0.319767	
-0.005415	-0.147832	-20.066201		
0.42257	-9.757392	-9.105773	-0.319767	
-0.005415	-0.352574	-51.243417		
0.56342	-9.757392	-9.105773	-0.319767	
-0.005415	-0.572122	-97.330997		

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	1.387059	141.313810	0.699927	
0.004663	0.406800	131.195670		
0.14086	1.387059	141.313810	0.699927	
0.004663	0.114487	90.828543		
0.28171	1.387059	141.313810	0.699927	
0.004663	0.153362	66.209917		
0.42257	1.387059	141.313810	0.699927	
0.004663	0.384512	56.365074		
0.56342	1.387059	141.313810	0.699927	
0.004663	0.615609	55.628974		

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-12.657332	-9.209228	-0.550960	
-0.005231	-0.308758	-48.013168		
0.14086	-12.657332	-9.209228	-0.550960	
-0.005231	-0.089362	-59.963689		
0.28171	-12.657332	-9.209228	-0.550960	
-0.005231	-0.196402	-73.595627		
0.42257	-12.657332	-9.209228	-0.550960	
-0.005231	-0.475444	-110.201135		
0.56342	-12.657332	-9.209228	-0.550960	
-0.005231	-0.767862	-159.940585		

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	7.608398	111.257730	0.862970	
0.003585	0.492577	118.778217		
0.14086	7.608398	111.257730	0.862970	
0.003585	0.131511	115.848624		
0.28171	7.608398	111.257730	0.862970	
0.003585	0.212606	126.736978		
0.42257	7.608398	111.257730	0.862970	
0.003585	0.532837	148.053597		
0.56342	7.608398	111.257730	0.862970	
0.003585	0.853019	175.582839		

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-10.426664	-73.635422	-0.763356	
-0.003698	-0.427691	-41.355814		
0.14086	-10.426664	-73.635422	-0.763356	
-0.003698	-0.115139	-51.629283		
0.28171	-10.426664	-73.635422	-0.763356	
-0.003698	-0.241925	-63.177420		
0.42257	-10.426664	-73.635422	-0.763356	
-0.003698	-0.594325	-94.078596		
0.56342	-10.426664	-73.635422	-0.763356	
-0.003698	-0.955502	-134.429768		

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	9.592953	3.161413	0.502826	
0.000889	0.281876	2.825468		
0.14086	9.592953	3.161413	0.502826	
0.000889	0.070977	24.904748		
0.28171	9.592953	3.161413	0.502826	
0.000889	0.146004	59.761956		
0.42257	9.592953	3.161413	0.502826	
0.000889	0.365915	94.888338		
0.56342	9.592953	3.161413	0.502826	
0.000889	0.585606	130.100001		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3977

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.406782	-84.124238	-0.524031	
-0.000318	-0.293560	-12.344220		
0.14086	-0.406782	-84.124238	-0.524031	
-0.000318	-0.073780	-3.023696		
0.28171	-0.406782	-84.124238	-0.524031	
-0.000318	-0.139931	-3.545928		
0.42257	-0.406782	-84.124238	-0.524031	
-0.000318	-0.350824	-4.242503		
0.56342	-0.406782	-84.124238	-0.524031	
-0.000318	-0.561721	-5.309790		

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	11.933176	83.133129	0.774494	
0.006877	0.457344	124.941865		
0.14086	11.933176	83.133129	0.774494	
0.006877	0.133602	133.034700		
0.28171	11.933176	83.133129	0.774494	
0.006877	0.199936	146.514508		
0.42257	11.933176	83.133129	0.774494	
0.006877	0.500790	177.260866		
0.56342	11.933176	83.133129	0.774494	
0.006877	0.801561	219.499431		

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-4.634145	-111.578116	-0.717105	
-0.006160	-0.401502	-3.397520		
0.14086	-4.634145	-111.578116	-0.717105	
-0.006160	-0.116502	-4.314087		
0.28171	-4.634145	-111.578116	-0.717105	
-0.006160	-0.213625	-5.227732		
0.42257	-4.634145	-111.578116	-0.717105	
-0.006160	-0.518989	-8.237755		
0.56342	-4.634145	-111.578116	-0.717105	
-0.006160	-0.842400	-28.623972		

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	11.091604	110.815159	0.906805	
0.005166	0.522441	125.219207		
0.14086	11.091604	110.815159	0.906805	
0.005166	0.143108	124.059571		
0.28171	11.091604	110.815159	0.906805	
0.005166	0.206455	139.213155		
0.42257	11.091604	110.815159	0.906805	
0.005166	0.518182	168.342405		
0.56342	11.091604	110.815159	0.906805	
0.005166	0.829876	205.974538		

COMB DB-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.758254	-100.183287	-0.743124
-0.004691	-0.416885	-4.160669	
0.14086	-7.758254	-100.183287	-0.743124
-0.004691	-0.115968	-5.089961	
0.28171	-7.758254	-100.183287	-0.743124
-0.004691	-0.253120	-7.831612	
0.42257	-7.758254	-100.183287	-0.743124
-0.004691	-0.620021	-33.813324	
0.56342	-7.758254	-100.183287	-0.743124
-0.004691	-0.999290	-71.698109	

COMB DB-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.514154	111.728601	0.935266
0.004279	0.535220	104.958297	
0.14086	9.514154	111.728601	0.935266
0.004279	0.143995	104.391507	
0.28171	9.514154	111.728601	0.935266
0.004279	0.229491	117.427900	
0.42257	9.514154	111.728601	0.935266
0.004279	0.575416	142.039275	
0.56342	9.514154	111.728601	0.935266
0.004279	0.921303	173.711276	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.660882	-84.200097	-0.824645
-0.004203	-0.462227	-30.341535	
0.14086	-9.660882	-84.200097	-0.824645
-0.004203	-0.125250	-38.943302	
0.28171	-9.660882	-84.200097	-0.824645
-0.004203	-0.261625	-48.832811	
0.42257	-9.660882	-84.200097	-0.824645
-0.004203	-0.642785	-77.822995	
0.56342	-9.660882	-84.200097	-0.824645
-0.004203	-1.034172	-117.300817	

COMB DL-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.119051	29.328633	0.572066
6.85E-06	0.317541	3.218683	
0.14086	0.119051	29.328633	0.572066
6.85E-06	0.076908	3.845321	
0.28171	0.119051	29.328633	0.572066
6.85E-06	0.123891	4.546897	
0.42257	0.119051	29.328633	0.572066
6.85E-06	0.309039	5.271120	
0.56342	0.119051	29.328633	0.572066
6.85E-06	0.494121	6.010821	

COMB DL-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.402133	-1.804281	-0.441495
-0.000406	-0.246174	-66.130613	
0.14086	-5.402133	-1.804281	-0.441495
-0.000406	-0.061121	-78.262137	
0.28171	-5.402133	-1.804281	-0.441495
-0.000406	-0.152041	-90.459806	
0.42257	-5.402133	-1.804281	-0.441495
-0.000406	-0.403043	-102.691841	
0.56342	-5.402133	-1.804281	-0.441495
-0.000406	-0.642426	-114.958936	

COMB DL-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.653256	61.399642	0.946461
0.000137	0.529976	8.060385	
0.14086	0.653256	61.399642	0.946461
0.000137	0.132308	7.364882	
0.28171	0.653256	61.399642	0.946461
0.000137	0.202045	7.609537	
0.42257	0.653256	61.399642	0.946461
0.000137	0.503781	8.273879	
0.56342	0.653256	61.399642	0.946461
0.000137	0.805666	9.185340	

COMB DL-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.870870	-2.720080	-0.720033
-0.000846	-0.402198	-87.517435	
0.14086	-8.870870	-2.720080	-0.720033
-0.000846	-0.100676	-110.153771	
0.28171	-8.870870	-2.720080	-0.720033
-0.000846	-0.264472	-133.900749	
0.42257	-8.870870	-2.720080	-0.720033
-0.000846	-0.662027	-158.524292	
0.56342	-8.870870	-2.720080	-0.720033
-0.000846	-1.058487	-183.718557	

COMB DL-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.884838	104.348140	1.145358
0.000298	0.641076	74.803833	
0.14086	0.884838	104.348140	1.145358
0.000298	0.160037	54.221725	
0.28171	0.884838	104.348140	1.145358
0.000298	0.216236	40.385874	
0.42257	0.884838	104.348140	1.145358
0.000298	0.590564	34.734907	
0.56342	0.884838	104.348140	1.145358
0.000298	0.865463	32.649773	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.089781	-3.734868	-0.774601
-0.000958	-0.432303	-77.220149	
0.14086	-11.089781	-3.734868	-0.774601
-0.000958	-0.107937	-95.319417	
0.28171	-11.089781	-3.734868	-0.774601
-0.000958	-0.319460	-114.507286	
0.42257	-11.089781	-3.734868	-0.774601
-0.000958	-0.800431	-151.800062	
0.56342	-11.089781	-3.734868	-0.774601
-0.000958	-1.280300	-192.366764	

COMB DL-G1-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.784989	115.633822	1.385460
0.003128	0.787250	142.139605	
0.14086	4.784989	115.633822	1.385460
0.003128	0.206428	132.388130	
0.28171	4.784989	115.633822	1.385460
0.003128	0.270884	128.167533	
0.42257	4.784989	115.633822	1.385460
0.003128	0.679118	136.937689	
0.56342	4.784989	115.633822	1.385460
0.003128	1.087417	153.528420	

COMB DL-G1-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.927954	-51.937012	-0.975497
-0.003459	-0.553757	-65.315879	
0.14086	-10.927954	-51.937012	-0.975497
-0.003459	-0.149120	-80.686665	
0.28171	-10.927954	-51.937012	-0.975497
-0.003459	-0.385463	-97.116739	
0.42257	-10.927954	-51.937012	-0.975497
-0.003459	-0.958467	-128.315742	
0.56342	-10.927954	-51.937012	-0.975497
-0.003459	-1.537150	-169.645816	

COMB DL-G2-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.630703	40.517093	0.391032
0.000109	0.221496	17.273848	
0.14086	0.630703	40.517093	0.391032
0.000109	0.057658	9.152310	
0.28171	0.630703	40.517093	0.391032
0.000109	0.073966	6.486256	
0.42257	0.630703	40.517093	0.391032
0.000109	0.184647	5.766239	
0.56342	0.630703	40.517093	0.391032
0.000109	0.295471	5.479802	

COMB DL-G2-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.900783	-0.713551	-0.264385
-0.000375	-0.148110	-10.591517	
0.14086	-3.900783	-0.713551	-0.264385
-0.000375	-0.037439	-15.881775	
0.28171	-3.900783	-0.713551	-0.264385
-0.000375	-0.106476	-29.098785	
0.42257	-3.900783	-0.713551	-0.264385
-0.000375	-0.270580	-45.091303	
0.56342	-3.900783	-0.713551	-0.264385
-0.000375	-0.434661	-61.518022	

COMB DL-G2-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.458451	121.207786	0.765569
0.004422	0.449724	153.224299	
0.14086	1.458451	121.207786	0.765569
0.004422	0.129783	113.147728	
0.28171	1.458451	121.207786	0.765569
0.004422	0.121811	80.285861	
0.42257	1.458451	121.207786	0.765569
0.004422	0.305938	66.119087	
0.56342	1.458451	121.207786	0.765569
0.004422	0.490614	63.086057	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.329048	-9.752791	-0.442382
-0.004620	-0.259631	-9.273274	
0.14086	-8.329048	-9.752791	-0.442382
-0.004620	-0.080899	-14.053256	
0.28171	-8.329048	-9.752791	-0.442382
-0.004620	-0.208894	-21.193048	
0.42257	-8.329048	-9.752791	-0.442382
-0.004620	-0.517316	-47.378717	
0.56342	-8.329048	-9.752791	-0.442382
-0.004620	-0.835159	-88.202972	

COMB DL-G2-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.528669	134.074752	1.123791
0.004002	0.647918	140.170039	
0.14086	1.528669	134.074752	1.123791
0.004002	0.177050	104.425984	
0.28171	1.528669	134.074752	1.123791
0.004002	0.203733	75.200933	
0.42257	1.528669	134.074752	1.123791
0.004002	0.574021	62.722207	
0.56342	1.528669	134.074752	1.123791
0.004002	0.816647	60.783305	

COMB DL-G2-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.392894	-10.047182	-0.733396
-0.004495	-0.420659	-54.144582	
0.14086	-11.392894	-10.047182	-0.733396
-0.004495	-0.119450	-68.519856	
0.28171	-11.392894	-10.047182	-0.733396
-0.004495	-0.530439	-85.331714	
0.42257	-11.392894	-10.047182	-0.733396
-0.004495	-0.769729	-119.229208	
0.56342	-11.392894	-10.047182	-0.733396
-0.004495	-1.238407	-166.304311	

COMB DL-G2-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.053051	104.768150	1.448875
0.002885	0.821884	128.598899	
0.14086	7.053051	104.768150	1.448875
0.002885	0.214845	129.547109	
0.28171	7.053051	104.768150	1.448875
0.002885	0.290198	136.082162	
0.42257	7.053051	104.768150	1.448875
0.002885	0.728566	154.904857	
0.56342	7.053051	104.768150	1.448875
0.002885	1.166635	180.637622	

COMB DL-G2-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.267901	-72.669325	-1.046514
-0.002905	-0.592913	-46.705962	
0.14086	-9.267901	-72.669325	-1.046514
-0.002905	0.157727	-59.077281	
0.28171	-9.267901	-72.669325	-1.046514
-0.002905	-0.402013	-73.281842	
0.42257	-9.267901	-72.669325	-1.046514
-0.002905	-1.002661	-102.155896	
0.56342	-9.267901	-72.669325	-1.046514
-0.002905	-1.608705	-139.744527	

COMB DL-G3-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.697143	3.317604	0.868989
0.000802	0.485515	3.415577	
0.14086	8.697143	3.317604	0.868989
0.000802	0.121640	24.039602	
0.28171	8.697143	3.317604	0.868989
0.000802	0.205769	58.089850	
0.42257	8.697143	3.317604	0.868989
0.000802	0.517759	92.629164	
0.56342	8.697143	3.317604	0.868989
0.000802	0.829066	127.467626	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.336873	-83.518530	-0.743094
-0.000262	-0.418041	-16.548629	
0.14086	-0.336873	-83.518530	-0.743094
-0.000262	-0.105616	-4.338965	
0.28171	-0.336873	-83.518530	-0.743094
-0.000262	-0.243356	-4.608534	
0.42257	-0.336873	-83.518530	-0.743094
-0.000262	-0.606869	-5.392931	
0.56342	-0.336873	-83.518530	-0.743094
-0.000262	-0.971410	-6.625022	

COMB DL-G3-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.841498	78.932024	1.301512
0.006745	0.754053	136.786231	
0.14086	10.841498	78.932024	1.301512
0.006745	0.210279	143.796754	
0.28171	10.841498	78.932024	1.301512
0.006745	0.280968	156.895707	
0.42257	10.841498	78.932024	1.301512
0.006745	0.707333	184.601472	
0.56342	10.841498	78.932024	1.301512
0.006745	1.132909	224.335006	

COMB DL-G3-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.459913	-109.577889	-1.019000
-0.006095	-0.589938	-6.856173	
0.14086	-4.459913	-109.577889	-1.019000
-0.006095	-0.817084	-5.109763	
0.28171	-4.459913	-109.577889	-1.019000
-0.006095	-0.361066	-6.206044	
0.42257	-4.459913	-109.577889	-1.019000
-0.006095	-0.887916	-9.298608	
0.56342	-4.459913	-109.577889	-1.019000
-0.006095	-1.429440	-31.535751	

COMB DL-G3-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.093150	103.663937	1.449302
0.005214	0.831031	143.554979	
0.14086	10.093150	103.663937	1.449302
0.005214	0.224817	140.862121	
0.28171	10.093150	103.663937	1.449302
0.005214	0.291940	146.848513	
0.42257	10.093150	103.663937	1.449302
0.005214	0.734972	170.852028	
0.56342	10.093150	103.663937	1.449302
0.005214	1.177399	205.435463	

COMB DL-G3-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.903095	-97.984497	-1.058332
-0.004772	-0.607020	-5.688893	
0.14086	-6.903095	-97.984497	-1.058332
-0.004772	-0.169180	-5.067816	
0.28171	-6.903095	-97.984497	-1.058332
-0.004772	-0.401413	-9.380215	
0.42257	-6.903095	-97.984497	-1.058332
-0.004772	0.995391	-29.247068	
0.56342	-6.903095	-97.984497	-1.058332
-0.004772	-1.600039	-63.266484	

COMB DL-G3-4 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.774491	109.534618	1.548720
0.004329	0.884199	120.285109	
0.14086	8.774491	109.534618	1.548720
0.004329	0.235945	118.859414	
0.28171	8.774491	109.534618	1.548720
0.004329	0.316926	124.313838	
0.42257	8.774491	109.534618	1.548720
0.004329	0.795828	144.663693	
0.56342	8.774491	109.534618	1.548720
0.004329	1.274328	173.835893	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.772466	-82.516965	-1.143844
-0.004237	-0.551680	-34.512600	
0.14086	-8.772466	-82.516965	-1.143844
-0.004237	-0.177400	-43.369888	
0.28171	-8.772466	-82.516965	-1.143844
-0.004237	-0.428691	-56.083429	
0.42257	-8.772466	-82.516965	-1.143844
-0.004237	-1.066962	-82.076995	
0.56342	-8.772466	-82.516965	-1.143844
-0.004237	-1.713996	-119.924545	

COMB DB ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.933176	141.313810	0.935266
0.006877	0.535220	143.879389	
0.14086	11.933176	141.313810	0.935266
0.006877	0.143995	133.034700	
0.28171	11.933176	141.313810	0.935266
0.006877	0.229491	146.514508	
0.42257	11.933176	141.313810	0.935266
0.006877	0.575416	177.066866	
0.56342	11.933176	141.313810	0.935266
0.006877	0.921303	219.499431	

COMB DB ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.657332	-111.578116	-0.824645
-0.006160	-0.462227	-75.596712	
0.14086	-12.657332	-111.578116	-0.824645
-0.006160	-0.125250	-94.995993	
0.28171	-12.657332	-111.578116	-0.824645
-0.006160	-0.261625	-115.276165	
0.42257	-12.657332	-111.578116	-0.824645
-0.006160	-0.642785	-135.704226	
0.56342	-12.657332	-111.578116	-0.824645
-0.006160	-1.034172	-178.096423	

COMB DL ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.841498	134.074752	1.548720
0.006745	0.884199	153.224299	
0.14086	10.841498	134.074752	1.548720
0.006745	0.235945	143.796754	
0.28171	10.841498	134.074752	1.548720
0.006745	0.316926	156.895707	
0.42257	10.841498	134.074752	1.548720
0.006745	0.795828	184.601472	
0.56342	10.841498	134.074752	1.548720
0.006745	1.274328	224.335006	

COMB DL ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.392894	-109.577889	-1.143844
-0.006095	-0.651880	-87.517435	
0.14086	-11.392894	-109.577889	-1.143844
-0.006095	-0.177400	-110.153771	
0.28171	-11.392894	-109.577889	-1.143844
-0.006095	-0.428691	-133.900749	
0.42257	-11.392894	-109.577889	-1.143844
-0.006095	-1.066962	-158.524292	
0.56342	-11.392894	-109.577889	-1.143844
-0.006095	-1.713996	-192.366764	

COMB CAR ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.933176	141.313810	1.548720
0.006877	0.884199	153.224299	
0.14086	11.933176	141.313810	1.548720
0.006877	0.235945	143.796754	
0.28171	11.933176	141.313810	1.548720
0.006877	0.316926	156.895707	
0.42257	11.933176	141.313810	1.548720
0.006877	0.795828	184.601472	
0.56342	11.933176	141.313810	1.548720
0.006877	1.274328	224.335006	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.657332	-111.578116	-1.143844
-0.006160	-0.651880	-87.517435	
0.14086	-12.657332	-111.578116	-1.143844
-0.006160	-0.177400	-110.153771	
0.28171	-12.657332	-111.578116	-1.143844
-0.006160	-0.428691	-133.900749	
0.42257	-12.657332	-111.578116	-1.143844
-0.006160	-1.066962	-158.524292	
0.56342	-12.657332	-111.578116	-1.143844
-0.006160	-1.713996	-192.366764	

COMB DESIGN ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.933176	141.313810	1.548720
0.006877	0.884199	153.224299	
0.14086	11.933176	141.313810	1.548720
0.006877	0.235945	143.796754	
0.28171	11.933176	141.313810	1.548720
0.006877	0.316926	156.895707	
0.42257	11.933176	141.313810	1.548720
0.006877	0.795828	184.601472	
0.56342	11.933176	141.313810	1.548720
0.006877	1.274328	224.335006	

COMB DESIGN ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.657332	-111.578116	-1.143844
-0.006160	-0.651880	-87.517435	
0.14086	-12.657332	-111.578116	-1.143844
-0.006160	-0.177400	-110.153771	
0.28171	-12.657332	-111.578116	-1.143844
-0.006160	-0.428691	-133.900749	
0.42257	-12.657332	-111.578116	-1.143844
-0.006160	-1.066962	-158.524292	
0.56342	-12.657332	-111.578116	-1.143844
-0.006160	-1.713996	-192.366764	

ELEM 382 ================== LENGTH = 2.977533

COMB DB-G1-1 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.007003	18.899064	0.445100
1.22E-05	0.493360	1.881869	
0.57745	1.007003	18.899064	0.445100
1.22E-05	0.306697	1.655049	
0.71830	1.007003	18.899064	0.445100
1.22E-05	0.120047	1.446451	
0.85915	1.007003	18.899064	0.445100
1.22E-05	0.051738	1.297688	
1.00000	1.007003	18.899064	0.445100
1.22E-05	0.196999	1.271403	

COMB DB-G1-1 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-3.602240	-0.483362	-0.346333
-0.001132	-0.383985	-18.577929	
0.57745	-3.602240	-0.483362	-0.346333
-0.001132	-0.238739	-25.538319	
0.71830	-3.602240	-0.483362	-0.346333
-0.001132	-0.093482	-32.673800	
0.85915	-3.602240	-0.483362	-0.346333
-0.001132	-0.066638	-39.900454	
1.00000	-3.602240	-0.483362	-0.346333
-0.001132	-0.253311	-47.247111	

COMB DB-G1-2 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.596125	46.001317	0.789601
0.000290	0.877024	32.746279	
0.57745	1.596125	46.001317	0.789601
0.000290	0.546005	23.934787	
0.71830	1.596125	46.001317	0.789601
0.000290	0.215352	15.940052	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.85915	1.596125	46.001317	0.789601
0.000290	0.083613	9.109767	
1.00000	1.596125	46.001317	0.789601
0.000290	0.319019	6.935155	

COMB DB-G1-2 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.301238	-2.740324	-0.561763
-0.002058	-0.623361	-22.099457	
0.57745	-8.301238	-2.740324	-0.561763
-0.002058	-0.387766	-30.775242	
0.71830	-8.301238	-2.740324	-0.561763
-0.002058	-0.152144	-41.007713	
0.85915	-8.301238	-2.740324	-0.561763
-0.002058	-0.116448	-53.440136	
1.00000	-8.301238	-2.740324	-0.561763
-0.002058	-0.447560	-67.761224	

COMB DB-G1-3 ------------------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.531666	100.079309	1.074629
4.56E-05	1.195285	181.358516	
0.57745	1.531666	100.079309	1.074629
4.56E-05	0.744620	148.818758	
0.71830	1.531666	100.079309	1.074629
4.56E-05	0.293966	116.578996	
0.85915	1.531666	100.079309	1.074629
4.56E-05	0.085510	84.717905	
1.00000	1.531666	100.079309	1.074629
4.56E-05	0.328898	55.665613	

COMB DB-G1-3 ------------------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.686315	-1.503308	-0.580030
-0.001624	-0.644118	-18.390942	
0.57745	-11.686315	-1.503308	-0.580030
-0.001624	-0.400863	-26.871816	
0.71830	-11.686315	-1.503308	-0.580030
-0.001624	-0.157531	-36.034748	
0.85915	-11.686315	-1.503308	-0.580030
-0.001624	-0.156822	-46.689615	
1.00000	-11.686315	-1.503308	-0.580030
-0.001624	-0.607479	-58.485003	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.370612	86.580955	1.207933
0.004090	1.330515	169.107838	
0.57745	8.370612	86.580955	1.207933
0.004090	0.826375	142.618818	
0.71830	8.370612	86.580955	1.207933
0.004090	0.329159	123.913629	
0.85915	8.370612	86.580955	1.207933
0.004090	0.112912	118.128715	
1.00000	8.370612	86.580955	1.207933
0.004090	0.414654	126.083657	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.057632	-86.344219	-0.732112
-0.004731	-0.813487	-79.178573	
0.57745	-10.057632	-86.344219	-0.732112
-0.004731	-0.506452	-55.459201	
0.71830	-10.057632	-86.344219	-0.732112
-0.004731	-0.199359	-44.186423	
0.85915	-10.057632	-86.344219	-0.732112
-0.004731	-0.190201	-39.224998	
1.00000	-10.057632	-86.344219	-0.732112
-0.004731	-0.695920	-49.105773	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.460020	41.833908	0.406508
0.000162	0.453549	75.009872	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3985
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.57745	0.460020	41.833908	0.406508
0.000162	0.283071	58.014386	
0.71830	0.460020	41.833908	0.406508
0.000162	0.112696	41.468187	
0.85915	0.460020	41.833908	0.406508
0.000162	0.029022	25.502975	
1.00000	0.460020	41.833908	0.406508
0.000162	0.112839	14.637785	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.746828	-0.674140	-0.199809
-0.000677	-0.222343	-4.207530	
0.57745	-5.746828	-0.674140	-0.199809
-0.000677	-0.138547	-4.369928	
0.71830	-5.746828	-0.674140	-0.199809
-0.000677	-0.054742	-5.198957	
0.85915	-5.746828	-0.674140	-0.199809
-0.000677	-0.057916	-7.855595	
1.00000	-5.746828	-0.674140	-0.199809
-0.000677	-0.228382	-11.958504	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.624486	91.161172	0.824370
0.004853	0.899192	217.855708	
0.57745	4.624486	91.161172	0.824370
0.004853	0.556779	182.789598	
0.71830	4.624486	91.161172	0.824370
0.004853	0.223844	157.538076	
0.85915	4.624486	91.161172	0.824370
0.004853	0.053699	146.688537	
1.00000	4.624486	91.161172	0.824370
0.004853	0.180400	139.037118	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.477595	-59.234490	-0.319695
-0.005103	-0.355896	-20.910620	
0.57745	-8.477595	-59.234490	-0.319695
-0.005103	-0.221822	-3.626323	
0.71830	-8.477595	-59.234490	-0.319695
-0.005103	-0.087682	-3.221772	
0.85915	-8.477595	-59.234490	-0.319695
-0.005103	-0.139111	-5.760692	
1.00000	-8.477595	-59.234490	-0.319695
-0.005103	-0.483751	-9.577329	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.869034	98.677508	1.089399
0.004377	1.195341	196.037038	
0.57745	4.869034	98.677508	1.089399
0.004377	0.741461	163.654730	
0.71830	4.869034	98.677508	1.089399
0.004377	0.296152	141.623927	
0.85915	4.869034	98.677508	1.089399
0.004377	0.087417	132.536434	
1.00000	4.869034	98.677508	1.089399
0.004377	0.311238	125.808885	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-11.010093	-53.744066	-0.549914
-0.005455	-0.611298	-26.081970	
0.57745	-11.010093	-53.744066	-0.549914
-0.005455	-0.380660	-17.404562	
0.71830	-11.010093	-53.744066	-0.549914
-0.005455	-0.149999	-24.059540	
0.85915	-11.010093	-53.744066	-0.549914
-0.005455	-0.176286	-33.126348	
1.00000	-11.010093	-53.744066	-0.549914
-0.005455	-0.632190	-43.142454	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3986
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.140612	82.908099	1.200383
0.003778	1.326405	167.218677	
0.57745	10.140612	82.908099	1.200383
0.003778	0.824978	139.522811	
0.71830	10.140612	82.908099	1.200383
0.003778	0.329175	118.927206	
0.85915	10.140612	82.908099	1.200383
0.003778	0.118231	107.163997	
1.00000	10.140612	82.908099	1.200383
0.003778	0.440296	111.532522	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.696049	-100.106763	-0.778179
-0.003803	-0.865123	-109.065994	
0.57745	-9.696049	-100.106763	-0.778179
-0.003803	-0.538769	-77.566736	
0.71830	-9.696049	-100.106763	-0.778179
-0.003803	-0.212339	-56.237282	
0.85915	-9.696049	-100.106763	-0.778179
-0.003803	-0.184863	-36.699392	
1.00000	-9.696049	-100.106763	-0.778179
-0.003803	-0.687453	-36.580269	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	9.690248	2.335493	0.518769
0.001330	0.577105	5.775396	
0.57745	9.690248	2.335493	0.518769
0.001330	0.359546	4.966391	
0.71830	9.690248	2.335493	0.518769
0.001330	0.141996	4.174049	
0.85915	9.690248	2.335493	0.518769
0.001330	0.079828	3.413614	
1.00000	9.690248	2.335493	0.518769
0.001330	0.309737	2.666952	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.853864	-80.109435	-0.548182
-7.26E-06	-0.609857	-150.262429	
0.57745	-0.853864	-80.109435	-0.548182
-7.26E-06	-0.379958	-116.715189	
0.71830	-0.853864	-80.109435	-0.548182
-7.26E-06	-0.150039	-83.192215	
0.85915	-0.853864	-80.109435	-0.548182
-7.26E-06	-0.075522	-49.673454	
1.00000	-0.853864	-80.109435	-0.548182
-7.26E-06	-0.293148	-16.173342	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	16.397359	27.110668	0.884095
0.007449	0.959985	84.104837	
0.57745	16.397359	27.110668	0.884095
0.007449	0.593227	76.142476	
0.71830	16.397359	27.110668	0.884095
0.007449	0.238006	79.825147	
0.85915	16.397359	27.110668	0.884095
0.007449	0.120282	100.606017	
1.00000	16.397359	27.110668	0.884095
0.007449	0.431589	121.657732	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-2.116372	-167.973900	-0.763934
-0.005650	-0.849936	-190.543897	
0.57745	-2.116372	-167.973900	-0.763934
-0.005650	-0.529554	-128.666599	
0.71830	-2.116372	-167.973900	-0.763934
-0.005650	-0.209127	-86.649629	
0.85915	-2.116372	-167.973900	-0.763934
-0.005650	-0.153564	-46.337181	
1.00000	-2.116372	-167.973900	-0.763934
-0.005650	-0.523112	-60.399156	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3987
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	13.979188	73.884048	1.142450
0.005528	1.255647	186.433595	
0.57745	13.979188	73.884048	1.142450
0.005528	0.779294	157.883895	
0.71830	13.979188	73.884048	1.142450
0.005528	0.310858	137.282516	
0.85915	13.979188	73.884048	1.142450
0.005528	0.117494	128.401740	
1.00000	13.979188	73.884048	1.142450
0.005528	0.433160	120.083018	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-6.903252	-138.008950	-0.767427
-0.004039	-0.854258	-168.989871	
0.57745	-6.903252	-138.008950	-0.767427
-0.004039	-0.533400	-117.175201	
0.71830	-6.903252	-138.008950	-0.767427
-0.004039	-0.210515	-79.005418	
0.85915	-6.903252	-138.008950	-0.767427
-0.004039	-0.182624	-42.064869	
1.00000	-6.903252	-138.008950	-0.767427
-0.004039	-0.660877	-5.276632	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.104219	79.208009	1.238930
0.004506	1.366071	166.039331	
0.57745	12.104219	79.208009	1.238930
0.004506	0.848775	136.740514	
0.71830	12.104219	79.208009	1.238930
0.004506	0.338028	117.173639	
0.85915	12.104219	79.208009	1.238930
0.004506	0.128215	107.625689	
1.00000	12.104219	79.208009	1.238930
0.004506	0.477162	100.333226	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.188268	-114.929436	-0.843972
-0.004037	-0.938628	-143.749801	
0.57745	-9.188268	-114.929436	-0.843972
-0.004037	-0.584680	-104.954512	
0.71830	-9.188268	-114.929436	-0.843972
-0.004037	-0.230747	-77.999978	
0.85915	-9.188268	-114.929436	-0.843972
-0.004037	-0.193427	-53.141683	
1.00000	-9.188268	-114.929436	-0.843972
-0.004037	-0.712302	-29.257153	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.956017	21.554553	0.783382
9.13E-06	0.868252	2.054012	
0.57745	0.956017	21.554553	0.783382
9.13E-06	0.540284	1.896659	
0.71830	0.956017	21.554553	0.783382
9.13E-06	0.210740	1.754144	
0.85915	0.956017	21.554553	0.783382
9.13E-06	0.066950	1.635392	
1.00000	0.956017	21.554553	0.783382
9.13E-06	0.254671	1.618250	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-3.351504	-0.673313	-0.448004
-0.001201	-0.496705	-20.392370	
0.57745	-3.351504	-0.673313	-0.448004
-0.001201	-0.308827	-28.848571	
0.71830	-3.351504	-0.673313	-0.448004
-0.001201	-0.120939	-37.364651	
0.85915	-3.351504	-0.673313	-0.448004
-0.001201	-0.117233	-45.895342	
1.00000	-3.351504	-0.673313	-0.448004
-0.001201	-0.446401	-54.476229	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3988
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.494008	49.350714	1.302822
0.000215	1.449431	34.574283	
0.57745	1.494008	49.350714	1.302822
0.000215	0.903376	25.116327	
0.71830	1.494008	49.350714	1.302822
0.000215	0.356229	16.435546	
0.85915	1.494008	49.350714	1.302822
0.000215	0.111059	9.237095	
1.00000	1.494008	49.350714	1.302822
0.000215	0.418499	6.329978	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.688629	-1.984691	-0.735440
-0.001997	-0.886230	-23.043273	
0.57745	-7.688629	-1.984691	-0.735440
-0.001997	-0.506975	-33.229774	
0.71830	-7.688629	-1.984691	-0.735440
-0.001997	-0.198729	-45.162045	
0.85915	-7.688629	-1.984691	-0.735440
-0.001997	-0.189914	-58.861612	
1.00000	-7.688629	-1.984691	-0.735440
-0.001997	-0.736802	-74.660441	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	1.543510	96.036895	1.646505
5.91E-05	1.833607	180.744052	
0.57745	1.543510	96.036895	1.646505
5.91E-05	1.143500	150.899131	
0.71830	1.543510	96.036895	1.646505
5.91E-05	0.452317	121.455805	
0.85915	1.543510	96.036895	1.646505
5.91E-05	0.118993	92.945757	
1.00000	1.543510	96.036895	1.646505
5.91E-05	0.455743	67.472072	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-10.478737	-2.268344	-0.805415
-0.001653	-0.893812	-20.215662	
0.57745	-10.478737	-2.268344	-0.805415
-0.001653	-0.555881	-29.680263	
0.71830	-10.478737	-2.268344	-0.805415
-0.001653	-0.218403	-40.062783	
0.85915	-10.478737	-2.268344	-0.805415
-0.001653	-0.236957	-51.874877	
1.00000	-10.478737	-2.268344	-0.805415
-0.001653	-0.927935	-65.225939	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	7.236985	83.006626	1.943757
0.003347	2.152046	170.987190	
0.57745	7.236985	83.006626	1.943757
0.003347	1.339784	147.062179	
0.71830	7.236985	83.006626	1.943757
0.003347	0.530214	129.926005	
0.85915	7.236985	83.006626	1.943757
0.003347	0.160083	123.824631	
1.00000	7.236985	83.006626	1.943757
0.003347	0.581975	130.688625	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.041612	-74.593885	-1.025971
-0.004026	-1.139526	-73.102744	
0.57745	-9.041612	-74.593885	-1.025971
-0.004026	-0.709316	-52.520263	
0.71830	-9.041612	-74.593885	-1.025971
-0.004026	-0.278913	-44.772403	
0.85915	-9.041612	-74.593885	-1.025971
-0.004026	-0.294800	-43.608423	
1.00000	-9.041612	-74.593885	-1.025971
-0.004026	-1.109266	-54.796522	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3989
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.462240	38.488618	0.562736
0.000160	0.630443	72.816594	
0.57745	0.462240	38.488618	0.562736
0.000160	0.394294	56.990245	
0.71830	0.462240	38.488618	0.562736
0.000160	0.158348	41.677707	
0.85915	0.462240	38.488618	0.562736
0.000160	0.041869	27.394040	
1.00000	0.462240	38.488618	0.562736
0.000160	0.156863	16.080626	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.100184	-0.441669	-0.276076
-0.000595	-0.306314	-3.958500	
0.57745	-5.100184	-0.441669	-0.276076
-0.000595	-0.190678	-4.102730	
0.71830	-5.100184	-0.441669	-0.276076
-0.000595	-0.075190	-5.157374	
0.85915	-5.100184	-0.441669	-0.276076
-0.000595	-0.078078	-7.416784	
1.00000	-5.100184	-0.441669	-0.276076
-0.000595	-0.313755	-11.147919	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.056095	82.130465	1.134534
0.004258	1.250528	216.853772	
0.57745	4.056095	82.130465	1.134534
0.004258	0.778708	185.111332	
0.71830	4.056095	82.130465	1.134534
0.004258	0.312081	162.700664	
0.85915	4.056095	82.130465	1.134534
0.004258	0.084254	152.012063	
1.00000	4.056095	82.130465	1.134534
0.004258	0.271336	144.128564	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-7.415935	-50.624070	-0.477190
-0.004411	-0.530271	-21.709818	
0.57745	-7.415935	-50.624070	-0.477190
-0.004411	-0.329853	-3.213527	
0.71830	-7.415935	-50.624070	-0.477190
-0.004411	-0.130135	-3.113634	
0.85915	-7.415935	-50.624070	-0.477190
-0.004411	-0.180473	-5.299615	
1.00000	-7.415935	-50.624070	-0.477190
-0.004411	-0.654319	-8.815533	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	4.328340	93.100751	1.612628
0.003956	1.783932	194.537335	
0.57745	4.328340	93.100751	1.612628
0.003956	1.110899	165.605137	
0.71830	4.328340	93.100751	1.612628
0.003956	0.442223	146.387961	
0.85915	4.328340	93.100751	1.612628
0.003956	0.126809	137.653950	
1.00000	4.328340	93.100751	1.612628
0.003956	0.437850	130.817921	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.893048	-46.103405	-0.770143
-0.004865	-0.854966	-26.092009	
0.57745	-9.893048	-46.103405	-0.770143
-0.004865	-0.531753	-17.256591	
0.71830	-9.893048	-46.103405	-0.770143
-0.004865	-0.209105	-25.464999	
0.85915	-9.893048	-46.103405	-0.770143
-0.004865	-0.248464	-35.476386	
1.00000	-9.893048	-46.103405	-0.770143
-0.004865	-0.923391	-46.351564	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3990
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.828113	78.323542	1.989791
0.003213	2.206952	164.903292	
0.57745	8.828113	78.323542	1.989791
0.003213	1.374371	140.221849	
0.71830	8.828113	78.323542	1.989791
0.003213	0.544781	122.040684	
0.85915	8.828113	78.323542	1.989791
0.003213	0.169396	111.335766	
1.00000	8.828113	78.323542	1.989791
0.003213	0.625743	116.698926	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-8.699951	-89.052294	-1.104828
-0.003226	-1.227760	-98.817815	
0.57745	-8.699951	-89.052294	-1.104828
-0.003226	-0.764459	-70.035543	
0.71830	-8.699951	-89.052294	-1.104828
-0.003226	-0.300888	-52.067789	
0.85915	-8.699951	-89.052294	-1.104828
-0.003226	-0.298099	-36.391110	
1.00000	-8.699951	-89.052294	-1.104828
-0.003226	-1.131308	-39.378634	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	8.439903	2.275934	1.071244
0.001336	1.188644	5.915980	
0.57745	8.439903	2.275934	1.071244
0.001336	0.739245	5.194421	
0.71830	8.439903	2.275934	1.071244
0.001336	0.290723	4.490740	
0.85915	8.439903	2.275934	1.071244
0.001336	0.113791	3.803316	
1.00000	8.439903	2.275934	1.071244
0.001336	0.444742	3.120770	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.735528	-75.588271	-0.787184
-4.29E-06	-0.875839	-145.945228	
0.57745	-0.735528	-75.588271	-0.787184
-4.29E-06	-0.546082	-114.444221	
0.71830	-0.735528	-75.588271	-0.787184
-4.29E-06	-0.215217	-82.955096	
0.85915	-0.735528	-75.588271	-0.787184
-4.29E-06	-0.158061	-51.459642	
1.00000	-0.735528	-75.588271	-0.787184
-4.29E-06	-0.606958	-19.980643	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	14.700869	23.351020	1.674237
0.007522	1.835587	85.271967	
0.57745	14.700869	23.351020	1.674237
0.007522	1.138906	79.144236	
0.71830	14.700869	23.351020	1.674237
0.007522	0.450310	85.817189	
0.85915	14.700869	23.351020	1.674237
0.007522	0.178753	108.037619	
1.00000	14.700869	23.351020	1.674237
0.007522	0.620569	130.343354	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-1.749075	-158.812430	-1.091878
-0.005635	-1.214775	-185.404380	
0.57745	-1.749075	-158.812430	-1.091878
-0.005635	-0.757257	-122.209985	
0.71830	-1.749075	-158.812430	-1.091878
-0.005635	-0.298283	-83.965044	
0.85915	-1.749075	-158.812430	-1.091878
-0.005635	-0.274961	-47.429449	
1.00000	-1.749075	-158.812430	-1.091878
-0.005635	-0.974639	-11.008703	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 3991
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	12.604158	63.485535	1.941051
0.005781	2.142424	179.751264	
0.57745	12.604158	63.485535	1.941051
0.005781	1.332463	155.882080	
0.71830	12.604158	63.485535	1.941051
0.005781	0.528551	141.243319	
0.85915	12.604158	63.485535	1.941051
0.005781	0.178409	137.842845	
1.00000	12.604158	63.485535	1.941051
0.005781	0.640698	134.774138	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-5.858377	-131.961304	-1.131011
-0.004239	-1.258241	-163.747368	
0.57745	-5.858377	-131.961304	-1.131011
-0.004239	-0.784131	-111.045084	
0.71830	-5.858377	-131.961304	-1.131011
-0.004239	-0.309214	-76.320167	
0.85915	-5.858377	-131.961304	-1.131011
-0.004239	-0.302111	-42.818046	
1.00000	-5.858377	-131.961304	-1.131011
-0.004239	-1.114063	-9.412601	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	10.967546	72.297207	2.083199
0.004826	2.305509	160.332960	
0.57745	10.967546	72.297207	2.083199
0.004826	1.434832	135.077603	
0.71830	10.967546	72.297207	2.083199
0.004826	0.569329	120.427756	
0.85915	10.967546	72.297207	2.083199
0.004826	0.189127	115.701575	
1.00000	10.967546	72.297207	2.083199
0.004826	0.686596	112.762551	

COMB DL-G3-4 ---------- MIN

```
REL DIST          P          V2          V3
   T          M2          M3
0.43660   -8.119530 -110.044719  -1.210820
-0.004192  -1.345945 -139.154057
0.57745   -8.119530 -110.044719  -1.210820
-0.004192  -0.838311  -99.067449
0.71830   -8.119530 -110.044719  -1.210820
-0.004192  -0.330008  -75.923609
0.85915   -8.119530 -110.044719  -1.210820
-0.004192  -0.317946  -54.443810
1.00000   -8.119530 -110.044719  -1.210820
-0.004192  -1.189876  -33.827126

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.43660   16.397359  100.079309   1.238930
 0.007449   1.365071  217.855188
0.57745   16.397359  100.079309   1.238930
 0.007449   0.848775  182.789598
0.71830   16.397359  100.079309   1.238930
 0.007449   0.338028  157.538076
0.85915   16.397359  100.079309   1.238930
 0.007449   0.128215  146.688537
1.00000   16.397359  100.079309   1.238930
 0.007449   0.477162  139.037118

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.43660  -11.686315 -167.973900  -0.843972
-0.005650  -0.938628 -190.543897
0.57745  -11.686315 -167.973900  -0.843972
-0.005650  -0.584680 -128.666599
0.71830  -11.686315 -167.973900  -0.843972
-0.005650  -0.230747  -86.649629
0.85915  -11.686315 -167.973900  -0.843972
-0.005650  -0.193427  -53.441136
1.00000  -11.686315 -167.973900  -0.843972
-0.005650  -0.712302  -67.761224
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3992

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.43660   14.700869   96.036895   2.083199
 0.007522   2.305509  216.853772
0.57745   14.700869   96.036895   2.083199
 0.007522   1.434832  185.111332
0.71830   14.700869   96.036895   2.083199
 0.007522   0.569329  162.700664
0.85915   14.700869   96.036895   2.083199
 0.007522   0.189127  152.012063
1.00000   14.700869   96.036895   2.083199
 0.007522   0.686596  144.128564

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.43660  -10.478737 -158.812430  -1.210820
-0.005635  -1.345945 -185.404380
0.57745  -10.478737 -158.812430  -1.210820
-0.005635  -0.838311 -122.209985
0.71830  -10.478737 -158.812430  -1.210820
-0.005635  -0.330008  -83.965044
0.85915  -10.478737 -158.812430  -1.210820
-0.005635  -0.317946  -58.861612
1.00000  -10.478737 -158.812430  -1.210820
-0.005635  -1.189876  -74.660441

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.43660   16.397359  100.079309   2.083199
 0.007522   2.305509  217.855708
0.57745   16.397359  100.079309   2.083199
 0.007522   1.434832  185.111332
0.71830   16.397359  100.079309   2.083199
 0.007522   0.569329  162.700664
0.85915   16.397359  100.079309   2.083199
 0.007522   0.189127  152.012063
1.00000   16.397359  100.079309   2.083199
 0.007522   0.686596  144.128564

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.43660  -11.686315 -167.973900  -1.210820
-0.005650  -1.345945 -190.543897
0.57745  -11.686315 -167.973900  -1.210820
-0.005650  -0.838311 -128.666599
0.71830  -11.686315 -167.973900  -1.210820
-0.005650  -0.330008  -86.649629
0.85915  -11.686315 -167.973900  -1.210820
-0.005650  -0.317946  -58.861612
1.00000  -11.686315 -167.973900  -1.210820
-0.005650  -1.189876  -74.660441

COMB    DESIGN ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.43660   16.397359  100.079309   2.083199
 0.007522   2.305509  217.855708
0.57745   16.397359  100.079309   2.083199
 0.007522   1.434832  185.111332
0.71830   16.397359  100.079309   2.083199
 0.007522   0.569329  162.700664
0.85915   16.397359  100.079309   2.083199
 0.007522   0.189127  152.012063
1.00000   16.397359  100.079309   2.083199
 0.007522   0.686596  144.128564

COMB    DESIGN ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.43660  -11.686315 -167.973900  -1.210820
-0.005650  -1.345945 -190.543897
0.57745  -11.686315 -167.973900  -1.210820
-0.005650  -0.838311 -128.666599
0.71830  -11.686315 -167.973900  -1.210820
-0.005650  -0.330008  -86.649629
0.85915  -11.686315 -167.973900  -1.210820
-0.005650  -0.317946  -58.861612
1.00000  -11.686315 -167.973900  -1.210820
-0.005650  -1.189876  -74.660441
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3993

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      383 ================== LENGTH
=     2.976426

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.015328   18.906758   0.390917
 6.87E-06   0.213314   1.273928
0.14081   1.015328   18.906758   0.390917
 6.87E-06   0.149439   1.345861
0.28162   1.015328   18.906758   0.390917
 6.87E-06   0.093437   1.452064
0.42243   1.015328   18.906758   0.390917
 6.87E-06   0.232677   1.582639
0.56323   1.015328   18.906758   0.390917
 6.87E-06   0.371902   1.731017

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -3.570838  -0.418628  -0.332196
-0.000765  -0.185000  -47.261736
0.14081  -3.570838  -0.418628  -0.332196
-0.000765  -0.045764  -54.830959
0.28162  -3.570838  -0.418628  -0.332196
-0.000765  -0.114407  -62.509585
0.42243  -3.570838  -0.418628  -0.332196
-0.000765  -0.278199  -70.199195
0.56323  -3.570838  -0.418628  -0.332196
-0.000765  -0.442030  -77.913560

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.499983   47.457558   0.722919
 0.000186   0.399128   6.957567
0.14081   1.499983   47.457558   0.722919
 0.000186   0.096160   5.361128
0.28162   1.499983   47.457558   0.722919
 0.000186   0.152128   4.297600
0.42243   1.499983   47.457558   0.722919
 0.000186   0.379688   3.971447
0.56323   1.499983   47.457558   0.722919
 0.000186   0.607221   4.134774

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -8.329795  -0.813030  -0.542898
-0.001517  -0.302903  -67.786560
0.14081  -8.329795  -0.813030  -0.542898
-0.001517  -0.075660  -84.172363
0.28162  -8.329795  -0.813030  -0.542898
-0.001517  -0.207493 -101.615365
0.42243  -8.329795  -0.813030  -0.542898
-0.001517   0.509998 -119.331313
0.56323  -8.329795  -0.813030  -0.542898
-0.001517  -0.812814 -138.094448

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.565020   99.527888   1.001665
 0.000189   0.554242   55.633700
0.14081   1.565020   99.527888   1.001665
 0.000189   0.134584   35.072563
0.28162   1.565020   99.527888   1.001665
 0.000189   0.157634   29.553290
0.42243   1.565020   99.527888   1.001665
 0.000189   0.393551   27.627215
0.56323   1.565020   99.527888   1.001665
 0.000189   0.629401   26.755664

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000 -11.568558   -1.412285  -0.562746
-0.001631  -0.314198  -58.504142
0.14081 -11.568558   -1.412285  -0.562746
-0.001631  -0.078644  -70.402323
0.28162 -11.568558   -1.412285  -0.562746
-0.001631  -0.285503  -87.213493
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3994

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
   T          M2          M3
0.42243 -11.568558   -1.412285  -0.562746
-0.001631  -0.705191 -127.084813
0.56323 -11.568558   -1.412285  -0.562746
-0.001631  -1.124990 -168.118622

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   6.153146  120.486045   1.158517
 0.003970   0.657851  126.237892
0.14081   6.153146  120.486045   1.158517
 0.003970   0.173026  -91.875354
0.28162   6.153146  120.486045   1.158517
 0.003970   0.199743  109.688016
0.42243   6.153146  120.486045   1.158517
 0.003970   0.499658  119.254586
0.56323   6.153146  120.486045   1.158517
 0.003970   0.799740  137.853945

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000 -11.711949  -49.617054  -0.716055
-0.004762  -0.400681  -49.119339
0.14081 -11.711949  -49.617054  -0.716055
-0.004762  -0.108328  -59.084294
0.28162 -11.711949  -49.617054  -0.716055
-0.004762  -0.324955  -73.461410
0.42243 -11.711949  -49.617054  -0.716055
-0.004762  -0.801891 -106.360343
0.56323 -11.711949  -49.617054  -0.716055
-0.004762  -1.284331 -149.636408

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   0.472072   41.620736   0.394730
 9.42E-06   0.220491   1.452064
0.14081   0.472072   41.620736   0.394730
 9.42E-06   0.055126   9.944586
0.28162   0.472072   41.620736   0.394730
 9.42E-06   0.054793   8.639128
0.42243   0.472072   41.620736   0.394730
 9.42E-06   0.137774   9.133230
0.56323   0.472072   41.620736   0.394730
 9.42E-06   0.220746   7.942816

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -5.706314  -0.609966  -0.197973
-0.000625  -0.111136  -11.964743
0.14081  -5.706314  -0.609966  -0.197973
-0.000625  -0.028162  -17.203279
0.28162  -5.706314  -0.609966  -0.197973
-0.000625  -0.110472  -31.759680
0.42243  -5.706314  -0.609966  -0.197973
-0.000625  -0.275890  -48.294690
0.56323  -5.706314  -0.609966  -0.197973
-0.000625  -0.441318  -65.374305

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.518934  137.644305   0.802191
 0.005002   0.467256  139.270212
0.14081   1.518934  137.644305   0.802191
 0.005002   0.132145   95.816434
0.28162   1.518934  137.644305   0.802191
 0.005002   0.087940   68.513507
0.42243   1.518934  137.644305   0.802191
 0.005002   0.221229   56.843216
0.56323   1.518934  137.644305   0.802191
 0.005002   0.354578   57.475399

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000 -10.796549   -8.534886  -0.318185
-0.005564  -0.178868   -9.579871
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3995

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
   T          M2          M3
0.14081  -10.796549   -8.534886  -0.318185
-0.005564  -0.056268  -13.436850
0.28162  -10.796549   -8.534886  -0.318185
-0.005564  -0.221180  -23.241544
0.42243  -10.796549   -8.534886  -0.318185
-0.005564   0.545620  -57.427872
0.56323  -10.796549   -8.534886  -0.318185
-0.005564  -0.877575 -105.773619

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   2.072646  140.677990   1.038195
 0.004519   0.594606  126.021903
0.14081   2.072646  140.677990   1.038195
 0.004519   0.160398   87.039453
0.28162   2.072646  140.677990   1.038195
 0.004519   0.150146   62.539687
0.42243   2.072646  140.677990   1.038195
 0.004519   0.376292   52.085505
0.56323   2.072646  140.677990   1.038195
 0.004519   0.602413   52.759265

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -13.077287   -7.936099  -0.539500
-0.005618  -0.302065  -43.157012
0.14081  -13.077287   -7.936099  -0.539500
-0.005618  -0.085662  -53.238105
0.28162  -13.077287   -7.936099  -0.539500
-0.005618  -0.290128  -69.092824
0.42243  -13.077287   -7.936099  -0.539500
-0.005618  -0.714589 -106.774179
0.56323  -13.077287   -7.936099  -0.539500
-0.005618  -1.145864 -157.180454

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   8.370074  110.366290   1.178407
 0.003649   0.668788  111.638942
0.14081   8.370074  110.366290   1.178407
 0.003649   0.175489  108.931869
0.28162   8.370074  110.366290   1.178407
 0.003649   0.212883  118.941492
0.42243   8.370074  110.366290   1.178407
 0.003649   0.533610  138.956669
0.56323   8.370074  110.366290   1.178407
 0.003649   0.854359  166.457072

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000 -11.022503  -70.432433  -0.765326
-0.003939  -0.428682  -36.589853
0.14081 -11.022503  -70.432433  -0.765326
-0.003939  -0.114243  -45.078677
0.28162 -11.022503  -70.432433  -0.765326
-0.003939  -0.328507  -58.116324
0.42243 -11.022503  -70.432433  -0.765326
-0.003939  -0.542776  -84.447475
0.56323 -11.022503  -70.432433  -0.765326
-0.003939  -1.306734 -130.312966

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   9.758161   2.360478   0.513756
0.001211   0.288112   2.664762
0.14081   9.758161   2.360478   0.513756
0.001211   0.072769  19.148748
0.28162   9.758161   2.360478   0.513756
0.001211   0.150670  52.471252
0.42243   9.758161   2.360478   0.513756
0.001211   0.378169  86.019424
0.56323   9.758161   2.360478   0.513756
0.001211   0.605648 119.649644
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3996

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -0.841231  -80.389376  -0.542770
-1.72E-05  -0.304266  -16.209026
0.14081  -0.841231  -80.389376  -0.542770
-1.72E-05  -0.076758   -4.029312
0.28162  -0.841231  -80.389376  -0.542770
-1.72E-05  -0.142548   -2.753019
0.42243  -0.841231  -80.389376  -0.542770
-1.72E-05  -0.357852   -2.228298
0.56323  -0.841231  -80.389376  -0.542770
-1.72E-05  -0.573162   -2.751557

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000  12.670593   84.255765   0.873271
 0.007214   0.517119  121.977933
0.14081  12.670593   84.255765   0.873271
 0.007214   0.148173  122.826520
0.28162  12.670593   84.255765   0.873271
 0.007214   0.210047  134.648888
0.42243  12.670593   84.255765   0.873271
 0.007214   0.271920  162.866308
0.56323  12.670593   84.255765   0.873271
 0.007214   0.844032  205.260924

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -5.012905 -106.752572  -0.756298
-0.005817  -0.423845   -6.178730
0.14081   -5.012905 -106.752572  -0.756298
-0.005817  -0.119900   -2.720803
0.28162   -5.012905 -106.752572  -0.756298
-0.005817  -0.238707   -2.506383
0.42243   -5.012905 -106.752572  -0.756298
-0.005817  -0.590477   -6.037808
0.56323   -5.012905 -106.752572  -0.756298
-0.005817  -0.951278  -29.693281

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000  11.462714  112.789743   1.120985
 0.005339   0.643315  120.276650
0.14081  11.462714  112.789743   1.120985
 0.005339   0.175042  115.759106
0.28162  11.462714  112.789743   1.120985
 0.005339   0.211311  129.941518
0.42243  11.462714  112.789743   1.120985
 0.005339   0.531122  157.284929
0.56323  11.462714  112.789743   1.120985
 0.005339   0.850905  195.001015

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -8.828088  -96.075767  -0.762980
-0.004521  -0.428215   -5.311885
0.14081   -8.828088  -96.075767  -0.762980
-0.004521  -0.117374   -3.270523
0.28162   -8.828088  -96.075767  -0.762980
-0.004521  -0.309695   -9.448225
0.42243   -8.828088  -96.075767  -0.762980
-0.004521  -0.769671  -37.625926
0.56323   -8.828088  -96.075767  -0.762980
-0.004521  -1.235934  -77.290940

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000  10.031897  111.262429   1.203842
 0.004424   0.685512  100.492806
0.14081  10.031897  111.262429   1.203842
 0.004424   0.182245   96.726362
0.28162  10.031897  111.262429   1.203842
 0.004424   0.231386  108.614792
0.42243  10.031897  111.262429   1.203842
 0.004424   0.580659  131.541492
0.56323  10.031897  111.262429   1.203842
 0.004424   0.929892  163.042353
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3997

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -10.756074  -80.257370  -0.833287
-0.004243  -0.467076  -29.298009
0.14081  -10.756074  -80.257370  -0.833287
-0.004243  -0.125190  -34.462012
0.28162  -10.756074  -80.257370  -0.833287
-0.004243  -0.334661  -45.949304
0.42243  -10.756074  -80.257370  -0.833287
-0.004243  -0.831054  -76.108232
0.56323  -10.756074  -80.257370  -0.833287
-0.004243  -1.332653 -116.185235

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   0.962999   21.540176   0.710738
 3.99E-06   0.391055   1.620534
0.14081   0.962999   21.540176   0.710738
 3.99E-06   0.092640   1.733792
0.28162   0.962999   21.540176   0.710738
 3.99E-06   0.120843   1.894784
0.42243   0.962999   21.540176   0.710738
 3.99E-06   0.300976   2.130801
0.56323   0.962999   21.540176   0.710738
 3.99E-06   0.481067   2.388168

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -3.320587   -0.646642  -0.429725
-0.000817  -0.239230  -54.494279
0.14081   -3.320587   -0.646642  -0.429725
-0.000817  -0.059315  -63.290373
0.28162   -3.320587   -0.646642  -0.429725
-0.000817  -0.204610  -72.140187
0.42243   -3.320587   -0.646642  -0.429725
-0.000817  -0.503513  -81.025488
0.56323   -3.320587   -0.646642  -0.429725
-0.000817  -0.800708  -89.938906

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.438824   50.226884   1.247668
 0.000111   0.695498   6.326694
0.14081   1.438824   50.226884   1.247668
 0.000111   0.171867   5.043146
0.28162   1.438824   50.226884   1.247668
 0.000111   0.198430   4.441364
0.42243   1.438824   50.226884   1.247668
 0.000111   0.494765   4.284833
0.56323   1.438824   50.226884   1.247668
 0.000111   0.791036   4.428776

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -7.687011   -0.875254  -0.707030
-0.001503  -0.394296  -74.690587
0.14081   -7.687011   -0.875254  -0.707030
-0.001503  -0.098486  -92.477731
0.28162   -7.687011   -0.875254  -0.707030
-0.001503  -0.350241 -111.456848
0.42243   -7.687011   -0.875254  -0.707030
-0.001503  -0.874115 -131.270143
0.56323   -7.687011   -0.875254  -0.707030
-0.001503  -1.396600 -151.628057

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   1.563799   95.582699   1.602646
 0.000207   0.894984   67.435109
0.14081   1.563799   95.582699   1.602646
 0.000207   0.222748   46.911336
0.28162   1.563799   95.582699   1.602646
 0.000207   0.218310   33.503475
0.42243   1.563799   95.582699   1.602646
 0.000207   0.546582   29.261630
0.56323   1.563799   95.582699   1.602646
 0.000207   0.874886   28.100520
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<               MOVING          LOAD              >
                                3998

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -10.365081   -2.215482  -0.783228
-0.001590  -0.436634  -65.247237
0.14081  -10.365081   -2.215482  -0.783228
-0.001590  -0.108674  -79.086764
0.28162  -10.365081   -2.215482  -0.783228
-0.001590  -0.447370  -96.960394
0.42243  -10.365081   -2.215482  -0.783228
-0.001590  -1.119698 -132.452701
0.56323  -10.365081   -2.215482  -0.783228
-0.001590  -1.790898 -170.613014

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000   5.582781  108.469463   1.896363
 0.003149   1.070837  130.658007
0.14081   5.582781  108.469463   1.896363
 0.003149   0.276788  119.493328
0.28162   5.582781  108.469463   1.896363
 0.003149   0.279404  114.179445
0.42243   5.582781  108.469463   1.896363
 0.003149   0.701160  122.912733
0.56323   5.582781  108.469463   1.896363
 0.003149   1.122660  139.157031

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000  -10.357663  -47.507297  -1.006067
-0.003968  -0.565714  -54.811407
0.14081  -10.357663  -47.507297  -1.006067
-0.003968  -0.151956  -66.406631
0.28162  -10.357663  -47.507297  -1.006067
-0.003968  -0.527705  -81.503150
0.42243  -10.357663  -47.507297  -1.006067
-0.003968  -1.317384 -110.936053
0.56323  -10.357663  -47.507297  -1.006067
-0.003968  -2.108624 -151.171267
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COMB DL-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.468473	38.430947	0.589438
5.40E-06	0.334372	16.060463	
0.14081	0.468473	38.430947	0.589438
5.40E-06	0.087296	9.104883	
0.28162	0.468473	38.430947	0.589438
5.40E-06	0.075022	7.407056	
0.42243	0.468473	38.430947	0.589438
5.40E-06	0.187874	15.707646	
0.56323	0.468473	38.430947	0.589438
5.40E-06	0.300765	6.385138	

COMB DL-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.066232	-0.410431	-0.269557
-0.000601	-0.150844	-11.151589	
0.14081	-5.066232	-0.410431	-0.269557
-0.000601	-0.038124	-16.516845	
0.28162	-5.066232	-0.410431	-0.269557
-0.000601	-0.159228	-29.793913	
0.42243	-5.066232	-0.410431	-0.269557
-0.000601	-0.406394	-44.914559	
0.56323	-5.066232	-0.410431	-0.269557
-0.000601	-0.653544	-60.382402	

COMB DL-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.463403	121.070160	1.153218
0.004298	0.668179	144.115575	
0.14081	1.463403	121.070160	1.153218
0.004298	0.186103	104.225018	
0.28162	1.463403	121.070160	1.153218
0.004298	0.130395	72.232542	
0.42243	1.463403	121.070160	1.153218
0.004298	0.328629	60.335953	
0.56323	1.463403	121.070160	1.153218
0.004298	0.527776	58.971309	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
3999

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.488197	-8.889730	-0.474390
-0.004817	-0.270528	-8.814601	
0.14081	-9.488197	-8.889730	-0.474390
-0.004817	-0.083603	-12.811855	
0.28162	-9.488197	-8.889730	-0.474390
-0.004817	-0.313195	-22.500053	
0.42243	-9.488197	-8.889730	-0.474390
-0.004817	-0.788038	-50.550826	
0.56323	-9.488197	-8.889730	-0.474390
-0.004817	-1.266467	-94.270227	

COMB DL-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.988613	128.322972	1.598824
0.003889	0.913170	130.807785	
0.14081	1.988613	128.322972	1.598824
0.003889	0.243778	94.881533	
0.28162	1.988613	128.322972	1.598824
0.003889	0.209966	66.159889	
0.42243	1.988613	128.322972	1.598824
0.003889	0.524674	55.686924	
0.56323	1.988613	128.322972	1.598824
0.003889	0.840949	54.594957	

COMB DL-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.740333	-8.342795	-0.753812
-0.004982	-0.425575	-46.366193	
0.14081	-11.740333	-8.342795	-0.753812
-0.004982	-0.120562	-57.651356	
0.28162	-11.740333	-8.342795	-0.753812
-0.004982	-0.439983	-74.431825	
0.42243	-11.740333	-8.342795	-0.753812
-0.004982	-1.103054	-107.693522	
0.56323	-11.740333	-8.342795	-0.753812
-0.004982	-1.769124	-155.008117	

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.477120	99.449196	1.971432
0.003012	1.113582	116.652820	
0.14081	7.477120	99.449196	1.971432
0.003012	0.288302	115.575637	
0.28162	7.477120	99.449196	1.971432
0.003012	0.301567	120.593704	
0.42243	7.477120	99.449196	1.971432
0.003012	0.757496	138.874176	
0.56323	7.477120	99.449196	1.971432
0.003012	1.213362	163.548748	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.778838	-66.648911	-1.087634
-0.003317	-0.611410	-39.387477	
0.14081	-9.778838	-66.648911	-1.087634
-0.003317	-0.161973	-48.902212	
0.28162	-9.778838	-66.648911	-1.087634
-0.003317	-0.545975	-62.793438	
0.42243	-9.778838	-66.648911	-1.087634
-0.003317	-1.367557	-90.869016	
0.56323	-9.778838	-66.648911	-1.087634
-0.003317	-2.191490	-128.044328	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.495838	2.258562	1.050569
0.001183	0.586052	3.118296	
0.14081	8.495838	2.258562	1.050569
0.001183	0.146443	17.365511	
0.28162	8.495838	2.258562	1.050569
0.001183	0.216207	47.576470	
0.42243	8.495838	2.258562	1.050569
0.001183	0.543952	78.474354	
0.56323	8.495838	2.258562	1.050569
0.001183	0.870639	109.811973	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.721534	-75.730938	-0.780325
-1.28E-05	-0.437539	-20.016435	
0.14081	-0.721534	-75.730938	-0.780325
-1.28E-05	-0.109786	-4.783672	
0.28162	-0.721534	-75.730938	-0.780325
-1.28E-05	-0.293507	-3.729332	
0.42243	-0.721534	-75.730938	-0.780325
-1.28E-05	-0.733344	-3.665222	
0.56323	-0.721534	-75.730938	-0.780325
-1.28E-05	-1.173433	-4.101678	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.071534	79.024544	1.638369
0.007123	0.940489	130.375036	
0.14081	11.071534	79.024544	1.638369
0.007123	0.256811	128.214573	
0.28162	11.071534	79.024544	1.638369
0.007123	0.299866	136.437210	
0.42243	11.071534	79.024544	1.638369
0.007123	0.755481	160.300443	
0.56323	11.071534	79.024544	1.638369
0.007123	1.209797	196.540751	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.776578	-99.900771	-1.085299
-0.005815	-0.616108	-11.046467	
0.14081	-4.776578	-99.900771	-1.085299
-0.005815	-0.176918	-3.728914	
0.28162	-4.776578	-99.900771	-1.085299
-0.005815	-0.453514	-3.292091	
0.42243	-4.776578	-99.900771	-1.085299
-0.005815	-1.127718	-6.497431	
0.56323	-4.776578	-99.900771	-1.085299
-0.005815	-1.807374	-30.981748	

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.012385	103.468159	1.928374
0.005463	1.098590	134.767358	
0.14081	10.012385	103.468159	1.928374
0.005463	0.292924	124.927332	
0.28162	10.012385	103.468159	1.928374
0.005463	0.310554	128.431314	
0.42243	10.012385	103.468159	1.928374
0.005463	0.782327	151.225013	
0.56323	10.012385	103.468159	1.928374
0.005463	1.253827	183.853599	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.988370	-89.534613	-1.124914
-0.004630	-0.635731	-9.444320	
0.14081	-7.988370	-89.534613	-1.124914
-0.004630	-0.175795	-3.879109	
0.28162	-7.988370	-89.534613	-1.124914
-0.004630	-0.553206	-9.841318	
0.42243	-7.988370	-89.534613	-1.124914
-0.004630	-1.330985	-31.271432	
0.56323	-7.988370	-89.534613	-1.124914
-0.004630	-2.133997	-67.862446	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.822388	105.402812	2.069226
0.004538	1.174991	112.756607	
0.14081	8.822388	105.402812	2.069226
0.004538	0.309611	104.746075	
0.28162	8.822388	105.402812	2.069226
0.004538	0.330973	107.756679	
0.42243	8.822388	105.402812	2.069226
0.004538	0.831806	126.785643	
0.56323	8.822388	105.402812	2.069226
0.004538	1.332469	154.069548	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4001

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.862083	-74.844202	-1.194545
-0.004362	-0.673072	-33.866832	
0.14081	-9.862083	-74.844202	-1.194545
-0.004362	-0.182073	-36.791242	
0.28162	-9.862083	-74.844202	-1.194545
-0.004362	-0.571034	-49.201575	
0.42243	-9.862083	-74.844202	-1.194545
-0.004362	-1.430936	-77.544365	
0.56323	-9.862083	-74.844202	-1.194545
-0.004362	-2.294295	-113.063766	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.670593	140.677990	1.203842
0.007214	0.685512	139.270212	
0.14081	12.670593	140.677990	1.203842
0.007214	0.182245	122.826520	
0.28162	12.670593	140.677990	1.203842
0.007214	0.231386	134.648888	
0.42243	12.670593	140.677990	1.203842
0.007214	0.580659	162.866308	
0.56323	12.670593	140.677990	1.203842
0.007214	0.929892	205.260924	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.077287	-106.752572	-0.833287
-0.005817	-0.467076	-67.786560	
0.14081	-13.077287	-106.752572	-0.833287
-0.005817	-0.125190	-84.172363	
0.28162	-13.077287	-106.752572	-0.833287
-0.005817	-0.334661	-101.615365	
0.42243	-13.077287	-106.752572	-0.833287
-0.005817	-0.831054	-127.084813	
0.56323	-13.077287	-106.752572	-0.833287
-0.005817	-1.332653	-168.118622	

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.071534	128.322972	2.069226
0.007123	1.174991	144.115575	
0.14081	11.071534	128.322972	2.069226
0.007123	0.309611	128.214573	
0.28162	11.071534	128.322972	2.069226
0.007123	0.330973	136.437210	
0.42243	11.071534	128.322972	2.069226
0.007123	0.831806	160.300443	
0.56323	11.071534	128.322972	2.069226
0.007123	1.332469	196.540751	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.740333	-99.900771	-1.194545
-0.005815	-0.673072	-74.690587	
0.14081	-11.740333	-99.900771	-1.194545
-0.005815	-0.182073	-92.477731	
0.28162	-11.740333	-99.900771	-1.194545
-0.005815	-0.571034	-111.456848	
0.42243	-11.740333	-99.900771	-1.194545
-0.005815	-1.430936	-132.452701	
0.56323	-11.740333	-99.900771	-1.194545
-0.005815	-2.294295	-170.613014	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.670593	140.677990	2.069226
0.007214	1.174991	144.115575	
0.14081	12.670593	140.677990	2.069226
0.007214	0.309611	128.214573	
0.28162	12.670593	140.677990	2.069226
0.007214	0.330973	136.437210	
0.42243	12.670593	140.677990	2.069226
0.007214	0.831806	162.866308	
0.56323	12.670593	140.677990	2.069226
0.007214	1.332469	205.260924	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4002

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.077287	-106.752572	-1.194545
-0.005817	-0.673072	-74.690587	
0.14081	-13.077287	-106.752572	-1.194545
-0.005817	-0.182073	-92.477731	
0.28162	-13.077287	-106.752572	-1.194545
-0.005817	-0.571034	-111.456848	
0.42243	-13.077287	-106.752572	-1.194545
-0.005817	-1.430936	-132.452701	
0.56323	-13.077287	-106.752572	-1.194545
-0.005817	-2.294295	-170.613014	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	12.670593	140.677990	2.069226
0.007214	1.174991	144.115575	
0.14081	12.670593	140.677990	2.069226
0.007214	0.309611	128.214573	
0.28162	12.670593	140.677990	2.069226
0.007214	0.330973	136.437210	
0.42243	12.670593	140.677990	2.069226
0.007214	0.831806	162.866308	
0.56323	12.670593	140.677990	2.069226
0.007214	1.332469	205.260924	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.077287	-106.752572	-1.194545
-0.005817	-0.673072	-74.690587	
0.14081	-13.077287	-106.752572	-1.194545
-0.005817	-0.182073	-92.477731	
0.28162	-13.077287	-106.752572	-1.194545
-0.005817	-0.571034	-111.456848	
0.42243	-13.077287	-106.752572	-1.194545
-0.005817	-1.430936	-132.452701	
0.56323	-13.077287	-106.752572	-1.194545
-0.005817	-2.294295	-170.613014	

ELEM 384 ========== LENGTH = 2.977332

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	3.262008	8.621114	0.539915
9.75E-06	0.601926	1.761947	
0.57747	3.262008	8.621114	0.539915
9.75E-06	0.375529	1.460394	
0.71832	3.262008	8.621114	0.539915
9.75E-06	0.149132	1.297693	
0.85916	3.262008	8.621114	0.539915
9.75E-06	0.047826	1.170716	
1.00000	3.262008	8.621114	0.539915
9.75E-06	0.186261	1.203788	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.577883	-1.410112	-0.330099
-0.001593	-0.367425	-21.829438	
0.57747	-0.577883	-1.410112	-0.330099
-0.001593	-0.229004	-24.066876	
0.71832	-0.577883	-1.410112	-0.330099
-0.001593	-0.090569	-26.622903	
0.85916	-0.577883	-1.410112	-0.330099
-0.001593	-0.077281	-29.353941	
1.00000	-0.577883	-1.410112	-0.330099
-0.001593	-0.303700	-32.196691	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	4.340199	27.703488	0.983415
0.000196	1.099566	24.786294	
0.57747	4.340199	27.703488	0.983415
0.000196	0.687371	18.220900	
0.71832	4.340199	27.703488	0.983415
0.000196	0.275177	12.618550	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4003

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.85916	4.340199	27.703488	0.983415
0.000196	0.077372	8.159561	
1.00000	4.340199	27.703488	0.983415
0.000196	0.301873	7.501784	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-6.073449	-4.527778	-0.535964
-0.002768	-0.597100	-34.260570	
0.57747	-6.073449	-4.527778	-0.535964
-0.002768	-0.372352	-37.518732	
0.71832	-6.073449	-4.527778	-0.535964
-0.002768	-0.147573	-41.585630	
0.85916	-6.073449	-4.527778	-0.535964
-0.002768	-0.078251	-47.031983	
1.00000	-6.073449	-4.527778	-0.535964
-0.002768	-0.550236	-54.200754	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	3.971627	81.598462	1.347579
6.01E-06	1.508803	161.293754	
0.57747	3.971627	81.598462	1.347579
6.01E-06	0.943725	131.528856	
0.71832	3.971627	81.598462	1.347579
6.01E-06	0.378646	102.095145	
0.85916	3.971627	81.598462	1.347579
6.01E-06	0.082822	73.054791	
1.00000	3.971627	81.598462	1.347579
6.01E-06	0.326975	47.546303	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-9.918648	-4.022591	-0.581885
-0.002318	-0.649034	-27.312694	
0.57747	-9.918648	-4.022591	-0.581885
-0.002318	-0.405031	-30.786963	
0.71832	-9.918648	-4.022591	-0.581885
-0.002318	-0.160963	-34.844722	
0.85916	-9.918648	-4.022591	-0.581885
-0.002318	-0.186391	-38.776080	
1.00000	-9.918648	-4.022591	-0.581885
-0.002318	-0.751548	-43.813916	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	10.486104	70.982691	1.512282
0.003879	1.684762	151.444347	
0.57747	10.486104	70.982691	1.512282
0.003879	1.054088	126.964188	
0.71832	10.486104	70.982691	1.512282
0.003879	0.423450	109.861220	
0.85916	10.486104	70.982691	1.512282
0.003879	0.110861	105.486238	
1.00000	10.486104	70.982691	1.512282
0.003879	0.416417	112.613564	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-8.992407	-82.481352	-0.742095
-0.005154	-0.828319	-83.253688	
0.57747	-8.992407	-82.481352	-0.742095
-0.005154	-0.517134	-87.085324	
0.71832	-8.992407	-82.481352	-0.742095
-0.005154	-0.205879	-42.501269	
0.85916	-8.992407	-82.481352	-0.742095
-0.005154	-0.223465	-32.384111	
1.00000	-8.992407	-82.481352	-0.742095
-0.005154	-0.857162	-36.556281	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.721385	34.480099	0.523524
1.37E-05	0.588180	61.529259	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4004

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.57747	0.721385	34.480099	0.523524
1.37E-05	0.368656	47.468345	
0.71832	0.721385	34.480099	0.523524
1.37E-05	0.149131	33.773241	
0.85916	0.721385	34.480099	0.523524
1.37E-05	0.026781	21.330820	
1.00000	0.721385	34.480099	0.523524
1.37E-05	0.106731	13.816275	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-7.226528	-1.934296	-0.190677
-0.000901	-0.213070	-10.409445	
0.57747	-7.226528	-1.934296	-0.190677
-0.000901	-0.133112	-10.853435	
0.71832	-7.226528	-1.934296	-0.190677
-0.000901	-0.053154	-11.373707	
0.85916	-7.226528	-1.934296	-0.190677
-0.000901	-0.070411	-12.472591	
1.00000	-7.226528	-1.934296	-0.190677
-0.000901	-0.289961	-14.396505	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	5.126242	82.567160	1.034468
0.004339	1.148359	194.538951	
0.57747	5.126242	82.567160	1.034468
0.004339	0.719330	161.560945	
0.71832	5.126242	82.567160	1.034468
0.004339	0.290322	138.596502	
0.85916	5.126242	82.567160	1.034468
0.004339	0.056049	130.218383	
1.00000	5.126242	82.567160	1.034468
0.004339	0.193508	125.989910	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.012013	-59.361517	-0.346377
-0.005114	-0.387476	-26.224566	
0.57747	-10.012013	-59.361517	-0.346377
-0.005114	-0.242229	-8.876128	
0.71832	-10.012013	-59.361517	-0.346377
-0.005114	-0.096893	-7.262053	
0.85916	-10.012013	-59.361517	-0.346377
-0.005114	-0.160852	-8.456992	
1.00000	-10.012013	-59.361517	-0.346377
-0.005114	-0.594081	-10.349884	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	6.666102	83.165953	1.363984
0.003922	1.517487	174.191570	
0.57747	6.666102	83.165953	1.363984
0.003922	0.949823	145.016514	
0.71832	6.666102	83.165953	1.363984
0.003922	0.382178	124.835535	
0.85916	6.666102	83.165953	1.363984
0.003922	0.086480	117.746094	
1.00000	6.666102	83.165953	1.363984
0.003922	0.314626	114.002579	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-11.103181	-54.639172	-0.560855
-0.005807	-0.626111	-38.005910	
0.57747	-11.103181	-54.639172	-0.560855
-0.005807	-0.390926	-24.825855	
0.71832	-11.103181	-54.639172	-0.560855
-0.005807	-0.155677	-26.064656	
0.85916	-11.103181	-54.639172	-0.560855
-0.005807	-0.205507	-29.906204	
1.00000	-11.103181	-54.639172	-0.560855
-0.005807	-0.776957	-34.433647	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4005

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	11.057515	70.624450	1.521870
0.003766	1.698950	148.578097	
0.57747	11.057515	70.624450	1.521870
0.003766	1.063601	124.262790	
0.71832	11.057515	70.624450	1.521870
0.003766	0.428320	105.863864	
0.85916	11.057515	70.624450	1.521870
0.003766	0.116612	96.146554	
1.00000	11.057515	70.624450	1.521870
0.003766	0.444767	97.685370	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-10.416289	-91.582879	-0.793543
-0.004134	-0.886217	-107.957592	
0.57747	-10.416289	-91.582879	-0.793543
-0.004134	-0.553471	-76.769557	
0.71832	-10.416289	-91.582879	-0.793543
-0.004134	-0.220648	-55.112594	
0.85916	-10.416289	-91.582879	-0.793543
-0.004134	-0.220304	-35.252045	
1.00000	-10.416289	-91.582879	-0.793543
-0.004134	-0.858056	-29.545210	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	8.151720	4.075084	0.595758
0.001832	0.668956	5.568485	
0.57747	8.151720	4.075084	0.595758
0.001832	0.419141	4.738707	
0.71832	8.151720	4.075084	0.595758
0.001832	0.169453	3.927901	
0.85916	8.151720	4.075084	0.595758

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0.001832     0.078038     3.153019
1.00000      8.151720     4.075084      0.595758
0.001832     0.311255     2.573080

COMB DB-G3-1 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -2.053055   -62.744305    -0.556073
-7.25E-06   -0.621464   -126.492475
0.57747     -2.053055   -62.744305    -0.556073
-7.25E-06   -0.388284   -100.221965
0.71832     -2.053055   -62.744305    -0.556073
-7.25E-06   -0.155084   -73.973551
0.85916     -2.053055   -62.744305    -0.556073
-7.25E-06   -0.080634   -47.729079
1.00000     -2.053055   -62.744305    -0.556073
-7.25E-06   -0.330339   -21.827672

COMB DB-G3-2 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     15.433648    28.364484     1.056836
 0.007450    1.170516    79.717595
0.57747     15.433648    28.364484     1.056836
 0.007450    0.733142    70.528418
0.71832     15.433648    28.364484     1.056836
 0.007450    0.295925    73.212359
0.85916     15.433648    28.364484     1.056836
 0.007450    0.119464    93.299593
1.00000     15.433648    28.364484     1.056836
 0.007450    0.439134   113.726442

COMB DB-G3-2 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -3.503842   -147.111851    -0.784748
-0.005365    -0.877152   -167.585044
0.57747     -3.503842   -147.111851    -0.784748
-0.005365    -0.548081   -113.136557
0.71832     -3.503842   -147.111851    -0.784748
-0.005365    -0.218965   -77.787278
0.85916     -3.503842   -147.111851    -0.784748
-0.005365    -0.168753   -45.318109
1.00000     -3.503842   -147.111851    -0.784748
-0.005365    -0.611026   -13.520837
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4006

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     12.869909    70.630711     1.401937
 0.005514    1.562928   167.820238
0.57747     12.869909    70.630711     1.401937
 0.005514    0.979024   140.422003
0.71832     12.869909    70.630711     1.401937
 0.005514    0.395257   121.179773
0.85916     12.869909    70.630711     1.401937
 0.005514    0.118350   113.786998
1.00000     12.869909    70.630711     1.401937
 0.005514    0.447796   108.218388

COMB DB-G3-3 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -9.008074   -120.775460    -0.800808
-0.003988    -0.895428   -147.688762
0.57747     -9.008074   -120.775460    -0.800808
-0.003988    -0.559623   -102.762291
0.71832     -9.008074   -120.775460    -0.800808
-0.003988    -0.223747   -70.946946
0.85916     -9.008074   -120.775460    -0.800808
-0.003988    -0.207391   -41.126774
1.00000     -9.008074   -120.775460    -0.800808
-0.003988    -0.794676   -12.089887

COMB DB-G3-4 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     11.931024    69.756896     1.533818
 0.004573    1.712250   145.843674
0.57747     11.931024    69.756896     1.533818
 0.004573    1.072358   121.015415
0.71832     11.931024    69.756896     1.533818
 0.004573    0.432578   103.270353
0.85916     11.931024    69.756896     1.533818
 0.004573    0.126766    95.601979
1.00000     11.931024    69.756896     1.533818
 0.004573    0.483763    90.970789

COMB DB-G3-4 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663    -11.158471   -101.227952    -0.863784
-0.004245    -0.965088   -134.421281
0.57747    -11.158471   -101.227952    -0.863784
-0.004245    -0.602875   -99.125825
0.71832    -11.158471   -101.227952    -0.863784
-0.004245    -0.240604   -74.813538
0.85916    -11.158471   -101.227952    -0.863784
-0.004245    -0.222837   -52.569483
1.00000    -11.158471   -101.227952    -0.863784
-0.004245    -0.865523   -31.508742

COMB DL-G1-1 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     3.735226     8.575121      0.883863
7.14E-06     0.984471     2.309787
0.57747     3.735226     8.575121      0.883863
7.14E-06     0.614434     2.036392
0.71832     3.735226     8.575121      0.883863
7.14E-06     0.242934     1.841816
0.85916     3.735226     8.575121      0.883863
7.14E-06     0.062602     1.760799
1.00000     3.735226     8.575121      0.883863
7.14E-06     0.243573     1.808013

COMB DL-G1-1 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -0.908211    -1.236776     -0.431967
-0.001796    -0.480901    -24.316976
0.57747     -0.908211    -1.236776     -0.431967
-0.001796    -0.299776    -26.600819
0.71832     -0.908211    -1.236776     -0.431967
-0.001796    -0.118631    -29.215968
0.85916     -0.908211    -1.236776     -0.431967
-0.001796    -0.127248    -31.930593
1.00000     -0.908211    -1.236776     -0.431967
-0.001796    -0.498435    -34.787728
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4007

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     4.656402     26.542932     1.544071
 0.000134    1.727127    23.722294
0.57747     4.656402     26.542932     1.544071
 0.000134    1.080093    17.795381
0.71832     4.656402     26.542932     1.544071
 0.000134    0.431416    12.486642
0.85916     4.656402     26.542932     1.544071
 0.000134    0.103049     8.077299
1.00000     4.656402     26.542932     1.544071
 0.000134    0.401071     7.128411

COMB DL-G1-2 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -5.722494    -3.383396     -0.712149
-0.002929    -0.793450    -32.987126
0.57747     -5.722494    -3.383396     -0.712149
-0.002929    -0.494903    -36.815173
0.71832     -5.722494    -3.383396     -0.712149
-0.002929    -0.196246    -41.768615
0.85916     -5.722494    -3.383396     -0.712149
-0.002929    -0.215543    -47.231224
1.00000     -5.722494    -3.383396     -0.712149
-0.002929    -0.863405    -54.030795

COMB DL-G1-3 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     4.406162     71.168968     2.020921
 1.76E-05    2.262722    150.519973
0.57747     4.406162     71.168968     2.020921
 1.76E-05    1.415719    125.653538
0.71832     4.406162     71.168968     2.020921
 1.76E-05    0.567464    101.087652
0.85916     4.406162     71.168968     2.020921
 1.76E-05    0.114714    77.202805
1.00000     4.406162     71.168968     2.020921
 1.76E-05    0.453529    55.840409

COMB DL-G1-3 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -8.880689    -4.148004     -0.809595
-0.002509    -0.902907    -28.292859
0.57747     -8.880689    -4.148004     -0.809595
-0.002509    -0.563392    -31.787814
0.71832     -8.880689    -4.148004     -0.809595
-0.002509    -0.223698    -35.821535
0.85916     -8.880689    -4.148004     -0.809595
-0.002509    -0.278274    -40.278486
1.00000     -8.880689    -4.148004     -0.809595
-0.002509    -1.125786    -45.632523

COMB DL-G1-4 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     9.414279     61.886197     2.363703
 0.003463    2.639614    143.550491
0.57747     9.414279     61.886197     2.363703
 0.003463    1.651017    123.551827
0.71832     9.414279     61.886197     2.363703
 0.003463    0.661620    109.848607
0.85916     9.414279     61.886197     2.363703
 0.003463    0.157225    106.030774
1.00000     9.414279     61.886197     2.363703
 0.003463    0.587666    111.522458

COMB DL-G1-4 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -8.092289    -69.000801    -1.045029
-0.004546    -1.166257    -75.740099
0.57747     -8.092289    -69.000801    -1.045029
-0.004546    -0.728022    -52.525896
0.71832     -8.092289    -69.000801    -1.045029
-0.004546    -0.289538    -40.940557
0.85916     -8.092289    -69.000801    -1.045029
-0.004546    -0.339597    -30.000412
1.00000     -8.092289    -69.000801    -1.045029
-0.004546    -1.330052    -38.107215
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4008

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     0.738051     28.963674     0.735498
 8.76E-06    0.827997     54.269464
0.57747     0.738051     28.963674     0.735498
 8.76E-06    0.519474     43.156735
0.71832     0.738051     28.963674     0.735498
 8.76E-06    0.211049     32.342708
0.85916     0.738051     28.963674     0.735498
 8.76E-06    0.038784     22.034309
1.00000     0.738051     28.963674     0.735498
 8.76E-06    0.153499     14.168214

COMB DL-G2-1 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -6.058385    -1.470722     -0.274490
-0.000861    -0.306483    -7.619209
0.57747     -6.058385    -1.470722     -0.274490
-0.000861    -0.191403    -8.325286
0.71832     -6.058385    -1.470722     -0.274490
-0.000861    -0.076505    -9.448196
0.85916     -6.058385    -1.470722     -0.274490
-0.000861    -0.097006    -10.801168
1.00000     -6.058385    -1.470722     -0.274490
-0.000861    -0.405295    -12.935468

COMB DL-G2-2 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     4.469287     69.853670     1.458591
 0.004120    1.628670    179.576294
0.57747     4.469287     69.853670     1.458591
 0.004120    1.020503    153.063857
0.71832     4.469287     69.853670     1.458591
 0.004120    0.412521    135.620607
0.85916     4.469287     69.853670     1.458591
 0.004120    0.085128    129.812589
1.00000     4.469287     69.853670     1.458591
 0.004120    0.284391    126.442422

COMB DL-G2-2 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -8.405828    -50.738924    -0.505105
-0.004408    -0.563861    -24.660189
0.57747     -8.405828    -50.738924    -0.505105
-0.004408    -0.352214    -6.780376
0.71832     -8.405828    -50.738924    -0.505105
-0.004408    -0.140470    -5.763906
0.85916     -8.405828    -50.738924    -0.505105
-0.004408    -0.215894    -7.080909
1.00000     -8.405828    -50.738924    -0.505105
-0.004408    -0.826192    -8.966052

COMB DL-G2-3 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     6.204593     71.350441     2.005824
 0.003729    2.240848    160.978770
0.57747     6.204593     71.350441     2.005824
 0.003729    1.402570    137.563230
0.71832     6.204593     71.350441     2.005824
 0.003729    0.564317    122.383089
0.85916     6.204593     71.350441     2.005824
 0.003729    0.124284    117.713917
1.00000     6.204593     71.350441     2.005824
 0.003729    0.440804    114.687980

COMB DL-G2-3 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -9.568659    -46.800550    -0.782436
-0.005300    -0.872603    -36.878188
0.57747     -9.568659    -46.800550    -0.782436
-0.005300    -0.544621    -23.515567
0.71832     -9.568659    -46.800550    -0.782436
-0.005300    -0.216534    -25.388339
0.85916     -9.568659    -46.800550    -0.782436
-0.005300    -0.291504    -29.398465
1.00000     -9.568659    -46.800550    -0.782436
-0.005300    -1.131909    -34.007881
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4009

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     9.593165    60.566807     2.441706
 0.003523    2.730520   137.345532
0.57747     9.593165    60.566807     2.441706
 0.003523    1.708470   117.503631
0.71832     9.593165    60.566807     2.441706
 0.003523    0.686500   102.798222
0.85916     9.593165    60.566807     2.441706
 0.003523    0.166767    94.969952
1.00000     9.593165    60.566807     2.441706
 0.003523    0.634129    96.424292

COMB DL-G2-4 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -9.060399   -77.535957    -1.130176
-0.003634    -1.261858    -94.180687
0.57747     -9.060399   -77.535957    -1.130176
-0.003634    -0.788276    -66.662923
0.71832     -9.060399   -77.535957    -1.130176
-0.003634    -0.313744    -48.473054
0.85916     -9.060399   -77.535957    -1.130176
-0.003634    -0.345581    -32.183367
1.00000     -9.060399   -77.535957    -1.130176
-0.003634    -1.368707    -28.980011

COMB DL-G3-1 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     6.701126     3.552032      1.240404
0.002053    1.387848     5.507410
0.57747     6.701126     3.552032      1.240404
0.002053    0.867992     4.769490
0.71832     6.701126     3.552032      1.240404
0.002053    0.348231     4.054254
0.85916     6.701126     3.552032      1.240404
0.002053    0.112334     3.418237
1.00000     6.701126     3.552032      1.240404
0.002053    0.452164     2.889431

COMB DL-G3-1 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -1.925125   -53.570201    -0.807981
-4.35E-06    -0.903328   -114.026520
0.57747     -1.925125   -53.570201    -0.807981
-4.35E-06    -0.564706   -91.986945
0.71832     -1.925125   -53.570201    -0.807981
-4.35E-06    -0.225133   -69.979567
0.85916     -1.925125   -53.570201    -0.807981
-4.35E-06    -0.171436   -48.011756
1.00000     -1.925125   -53.570201    -0.807981
-4.35E-06    -0.691032   -26.174632

COMB DL-G3-2 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     13.257014    23.437799     1.971680
 0.008162    2.193305    75.261783
0.57747     13.257014    23.437799     1.971680
 0.008162    1.371653    68.744843
0.71832     13.257014    23.437799     1.971680
 0.008162    0.550023    74.603413
0.85916     13.257014    23.437799     1.971680
 0.008162    0.179470    96.689108
1.00000     13.257014    23.437799     1.971680
 0.008162    0.639705   118.927846

COMB DL-G3-2 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -3.102847   -132.920138    -1.134910
-0.005326    -1.268088   -153.495486
0.57747     -3.102847   -132.920138    -1.134910
-0.005326    -0.792704   -100.664360
0.71832     -3.102847   -132.920138    -1.134910
-0.005326    -0.316032   -71.364614
0.85916     -3.102847   -132.920138    -1.134910
-0.005326    -0.345581    -45.217671
1.00000     -3.102847   -132.920138    -1.134910
-0.005326    -1.125798    -19.285576
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4010

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     11.197388    56.854137     2.364121
 0.006262    2.639497   150.826734
0.57747     11.197388    56.854137     2.364121
 0.006262    1.651078   130.048476
0.71832     11.197388    56.854137     2.364121
 0.006262    0.664815   118.189907
0.85916     11.197388    56.854137     2.364121
 0.006262    0.178467   118.026147
1.00000     11.197388    56.854137     2.364121
 0.006262    0.659707   118.617632

COMB DL-G3-3 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -7.691219   -109.914409    -1.175628
-0.004103    -1.313858   -135.061204
0.57747     -7.691219   -109.914409    -1.175628
-0.004103    -0.821125    -91.761072
0.71832     -7.691219   -109.914409    -1.175628
-0.004103    -0.327467    -65.395500
0.85916     -7.691219   -109.914409    -1.175628
-0.004103    -0.343580    -41.397726
1.00000     -7.691219   -109.914409    -1.175628
-0.004103    -1.333188    -17.568002

COMB DL-G3-4 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     10.609975    57.868165     2.538607
 0.005204    2.837424   130.875200
0.57747     10.609975    57.868165     2.538607
 0.005204    1.775888   111.801459
0.71832     10.609975    57.868165     2.538607
 0.005204    0.714663   100.657565
0.85916     10.609975    57.868165     2.538607
 0.005204    0.186011    99.412350
1.00000     10.609975    57.868165     2.538607
 0.005204    0.695828    99.835373

COMB DL-G3-4 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -9.513005   -92.182288    -1.239260
-0.004416    -1.384148   -121.666965
0.57747     -9.513005   -92.182288    -1.239260
-0.004416    -0.864724   -87.954488
0.71832     -9.513005   -92.182288    -1.239260
-0.004416    -0.344488   -68.663176
0.85916     -9.513005   -92.182288    -1.239260
-0.004416    -0.363721    -51.487081
1.00000     -9.513005   -92.182288    -1.239260
-0.004416    -1.426896   -34.785021

COMB       DB ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     15.433648    83.165953     1.533818
 0.007450    1.712250   194.538951
0.57747     15.433648    83.165953     1.533818
 0.007450    1.072358   161.560945
0.71832     15.433648    83.165953     1.533818
 0.007450    0.432578   138.596502
0.85916     15.433648    83.165953     1.533818
 0.007450    0.126766   130.210983
1.00000     15.433648    83.165953     1.533818
 0.007450    0.483763   125.989910

COMB       DB ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663    -11.158471   -147.111851    -0.863784
-0.005807    -0.965088   -167.585044
0.57747    -11.158471   -147.111851    -0.863784
-0.005807    -0.602875   -113.136557
0.71832    -11.158471   -147.111851    -0.863784
-0.005807    -0.240604   -77.787278
0.85916    -11.158471   -147.111851    -0.863784
-0.005807    -0.223465   -52.569483
1.00000    -11.158471   -147.111851    -0.863784
-0.005807    -0.865523   -54.200754
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4011

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     13.257014    71.350441     2.538607
 0.008162    2.837424   179.576294
0.57747     13.257014    71.350441     2.538607
 0.008162    1.775888   153.063857
0.71832     13.257014    71.350441     2.538607
 0.008162    0.714663   135.620607
0.85916     13.257014    71.350441     2.538607
 0.008162    0.186011   129.912589
1.00000     13.257014    71.350441     2.538607
 0.008162    0.695828   126.442422

COMB       DL ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663     -9.568659   -132.920138    -1.239260
-0.005326    -1.384148   -153.495486
0.57747     -9.568659   -132.920138    -1.239260
-0.005326    -0.864724   -100.664360
0.71832     -9.568659   -132.920138    -1.239260
-0.005326    -0.344488   -71.364614
0.85916     -9.568659   -132.920138    -1.239260
-0.005326    -0.363721    -51.487081
1.00000     -9.568659   -132.920138    -1.239260
-0.005326    -1.426896    -54.030795

COMB       CAR ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     15.433648    83.165953     2.538607
 0.008162    2.837424   194.538951
0.57747     15.433648    83.165953     2.538607
 0.008162    1.775888   161.560945
0.71832     15.433648    83.165953     2.538607
 0.008162    0.714663   138.596502
0.85916     15.433648    83.165953     2.538607
 0.008162    0.186011   130.210983
1.00000     15.433648    83.165953     2.538607
 0.008162    0.695828   126.442422

COMB       CAR ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663    -11.158471   -147.111851    -1.239260
-0.005807    -1.384148   -167.585044
0.57747    -11.158471   -147.111851    -1.239260
-0.005807    -0.864724   -113.136557
0.71832    -11.158471   -147.111851    -1.239260
-0.005807    -0.344488   -77.787278
0.85916    -11.158471   -147.111851    -1.239260
-0.005807    -0.363721    -52.569483
1.00000    -11.158471   -147.111851    -1.239260
-0.005807    -1.426896    -54.200754

COMB       DESIGN ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.43663     15.433648    83.165953     2.538607
 0.008162    2.837424   194.538951
0.57747     15.433648    83.165953     2.538607
 0.008162    1.775888   161.560945
0.71832     15.433648    83.165953     2.538607
 0.008162    0.714663   138.596502
0.85916     15.433648    83.165953     2.538607
 0.008162    0.186011   130.210983
1.00000     15.433648    83.165953     2.538607
 0.008162    0.695828   126.442422

COMB       DESIGN ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.43663    -11.158471   -147.111851    -1.239260
-0.005807    -1.384148   -167.585044
0.57747    -11.158471   -147.111851    -1.239260
-0.005807    -0.864724   -113.136557
0.71832    -11.158471   -147.111851    -1.239260
-0.005807    -0.344488   -77.787278
0.85916    -11.158471   -147.111851    -1.239260
-0.005807    -0.363721    -52.569483
1.00000    -11.158471   -147.111851    -1.239260
-0.005807    -1.426896    -54.200754
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4012

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      385 ================== LENGTH
=    2.977211

COMB DB-G1-1 ------------------ MAX

REL DIST             P            V2           V3
      T             M2           M3
0.00000     3.260286     8.593293      0.482326
6.66E-06    0.261078     1.204144
0.14084     3.260286     8.593293      0.482326
6.66E-06    0.058866     1.304663
0.28167     3.260286     8.593293      0.482326
6.66E-06    0.090737     1.422724
0.42251     3.260286     8.593293      0.482326
6.66E-06    0.223389     1.562429
0.56335     3.260286     8.593293      0.482326
6.66E-06    0.356029     1.717829

COMB DB-G1-1 ------------------ MIN

REL DIST             P            V2           V3
      T             M2           M3
0.00000     -0.571011    -1.351792     -0.316332
-0.001065    -0.174527    -32.207863
0.14084     -0.571011    -1.351792     -0.316332
-0.001065    -0.041849    -35.135901
0.28167     -0.571011    -1.351792     -0.316332
-0.001065    -0.143517    -38.308056
0.42251     -0.571011    -1.351792     -0.316332
-0.001065    -0.345663    -41.580408
0.56335     -0.571011    -1.351792     -0.316332
-0.001065    -0.547898    -44.892862
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COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.222819	29.073350	0.912697
0.000177	0.499476	7.505865	
0.14084	4.222819	29.073350	0.912697
0.000177	0.116787	6.701490	
0.28167	4.222819	29.073350	0.912697
0.000177	0.147847	6.171285	
0.42251	4.222819	29.073350	0.912697
0.000177	0.364845	6.204158	
0.56335	4.222819	29.073350	0.912697
0.000177	0.581817	6.681086	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.113435	-2.671909	-0.517459
-0.002021	-0.286063	-54.221311	
0.14084	-6.113435	-2.671909	-0.517459
-0.002021	-0.069515	-61.876937	
0.28167	-6.113435	-2.671909	-0.517459
-0.002021	-0.266703	-70.835776	
0.42251	-6.113435	-2.671909	-0.517459
-0.002021	-0.649151	-80.591351	
0.56335	-6.113435	-2.671909	-0.517459
-0.002021	-1.031641	-91.535383	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.998270	80.295699	1.276034
6.00E-06	0.700060	47.511037	
0.14084	3.998270	80.295699	1.276034
6.00E-06	0.165098	32.816024	
0.28167	3.998270	80.295699	1.276034
6.00E-06	0.161300	29.478830	
0.42251	3.998270	80.295699	1.276034
6.00E-06	0.397956	28.756054	
0.56335	3.998270	80.295699	1.276034
6.00E-06	0.634543	28.926509	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.803224	-4.168733	-0.564243
-0.002218	-0.311820	-43.828560	
0.14084	-9.803224	-4.168733	-0.564243
-0.002218	-0.075064	-49.137479	
0.28167	-9.803224	-4.168733	-0.564243
-0.002218	-0.370253	-67.304209	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4013

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-9.803224	-4.168733	-0.564243
-0.002218	-0.905136	-98.490240	
0.56335	-9.803224	-4.168733	-0.564243
-0.002218	-1.440136	-131.185644	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.076760	104.630375	1.459585
0.003772	0.816805	112.791633	
0.14084	8.076760	104.630375	1.459585
0.003772	0.205130	101.313012	
0.28167	8.076760	104.630375	1.459585
0.003772	0.206430	99.143857	
0.42251	8.076760	104.630375	1.459585
0.003772	0.509999	108.158354	
0.56335	8.076760	104.630375	1.459585
0.003772	0.813494	125.673095	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.428349	-46.876081	-0.723808
-0.004921	-0.400491	-36.568323	
0.14084	-10.428349	-46.876081	-0.723808
-0.004921	-0.106745	-40.990140	
0.28167	-10.428349	-46.876081	-0.723808
-0.004921	-0.419730	-56.312483	
0.42251	-10.428349	-46.876081	-0.723808
-0.004921	-1.005220	-81.687462	
0.56335	-10.428349	-46.876081	-0.723808
-0.004921	-1.637525	-120.025958	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.733123	33.949123	0.514125
1.01E-05	0.284552	13.800406	
0.14084	0.733123	33.949123	0.514125
1.01E-05	0.068987	11.192148	
0.28167	0.733123	33.949123	0.514125
1.01E-05	0.053251	11.144375	
0.42251	0.733123	33.949123	0.514125
1.01E-05	0.132418	11.546760	
0.56335	0.733123	33.949123	0.514125
1.01E-05	0.211580	12.104291	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.172526	-1.972615	-0.188796
-0.000845	-0.105065	-14.401027	
0.14084	-7.172526	-1.972615	-0.188796
-0.000845	-0.025904	-20.504224	
0.28167	-7.172526	-1.972615	-0.188796
-0.000845	-0.146682	-31.208834	
0.42251	-7.172526	-1.972615	-0.188796
-0.000845	-0.362250	-44.072296	
0.56335	-7.172526	-1.972615	-0.188796
-0.000845	-0.577819	-57.628182	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.756483	128.878947	1.018115
0.004590	0.582330	126.257475	
0.14084	1.756483	128.878947	1.018115
0.004590	0.155890	89.116249	
0.28167	1.756483	128.878947	1.018115
0.004590	0.097208	64.195666	
0.42251	1.756483	128.878947	1.018115
0.004590	0.240509	54.484961	
0.56335	1.756483	128.878947	1.018115
0.004590	0.383755	56.372926	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.008453	-9.755525	-0.341632
-0.005403	-0.189228	-10.352117	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4014

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	-12.008453	-9.755525	-0.341632
-0.005403	-0.159491	-12.332822	
0.28167	-12.008453	-9.755525	-0.341632
-0.005403	-0.288450	-28.838566	
0.42251	-12.008453	-9.755525	-0.341632
-0.005403	-0.711100	-58.605484	
0.56335	-12.008453	-9.755525	-0.341632
-0.005403	-1.133879	-105.441502	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.625230	124.899480	1.313907
0.004148	0.740877	114.244030	
0.14084	3.625230	124.899480	1.313907
0.004148	0.190374	80.829774	
0.28167	3.625230	124.899480	1.313907
0.004148	0.156055	58.371447	
0.42251	3.625230	124.899480	1.313907
0.004148	0.385425	49.629648	
0.56335	3.625230	124.899480	1.313907
0.004148	0.614731	51.519636	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.894048	-9.825074	-0.546873
-0.005723	-0.302488	-34.445450	
0.14084	-12.894048	-9.825074	-0.546873
-0.005723	-0.085294	-39.148138	
0.28167	-12.894048	-9.825074	-0.546873
-0.005723	-0.376368	-57.497414	
0.42251	-12.894048	-9.825074	-0.546873
-0.005723	-0.923449	-87.567312	
0.56335	-12.894048	-9.825074	-0.546873
-0.005723	-1.470652	-133.088390	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.140066	97.671959	1.495757
0.003596	0.836455	97.813069	
0.14084	9.140066	97.671959	1.495757
0.003596	0.209568	95.723485	
0.28167	9.140066	97.671959	1.495757
0.003596	0.221310	103.612466	
0.42251	9.140066	97.671959	1.495757
0.003596	0.547326	121.049289	
0.56335	9.140066	97.671959	1.495757
0.003596	0.873289	145.803508	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.554361	-63.092752	-0.777411
-0.004093	-0.430567	-29.560597	
0.14084	-11.554361	-63.092752	-0.777411
-0.004093	-0.112522	-33.937126	
0.28167	-11.554361	-63.092752	-0.777411
-0.004093	-0.428019	-49.533606	
0.42251	-11.554361	-63.092752	-0.777411
-0.004093	-1.052658	-75.399461	
0.56335	-11.554361	-63.092752	-0.777411
-0.004093	-1.677391	-111.675478	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.237361	3.991881	0.624465
0.001623	0.346697	2.574660	
0.14084	8.237361	3.991881	0.624465
0.001623	0.084805	6.951469	
0.28167	8.237361	3.991881	0.624465
0.001623	0.155623	33.164791	
0.42251	8.237361	3.991881	0.624465
0.001623	0.385834	59.711670	
0.56335	8.237361	3.991881	0.624465
0.001623	0.616028	86.314391	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4015

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.030631	-63.649032	-0.548994
-1.90E-05	-0.304750	-21.866135	
0.14084	-2.030631	-63.649032	-0.548994
-1.90E-05	-0.074436	-12.065217	
0.28167	-2.030631	-63.649032	-0.548994
-1.90E-05	-0.177088	-11.919759	
0.42251	-2.030631	-63.649032	-0.548994
-1.90E-05	-0.279739	-12.219217	
0.56335	-2.030631	-63.649032	-0.548994
-1.90E-05	-0.700701	-14.110935	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.404034	85.921394	1.083900
0.007359	0.624177	114.091110	
0.14084	11.404034	85.921394	1.083900
0.007359	0.170135	101.023664	
0.28167	11.404034	85.921394	1.083900
0.007359	0.219759	105.604800	
0.42251	11.404034	85.921394	1.083900
0.007359	0.544627	127.115422	
0.56335	11.404034	85.921394	1.083900
0.007359	0.869448	162.019491	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.021592	-87.714380	-0.774675
-0.005296	-0.429845	-13.561148	
0.14084	-6.021592	-87.714380	-0.774675
-0.005296	-0.121393	-10.523270	
0.28167	-6.021592	-87.714380	-0.774675
-0.005296	-0.305440	-10.981597	
0.42251	-6.021592	-87.714380	-0.774675
-0.005296	-0.754844	-17.297202	
0.56335	-6.021592	-87.714380	-0.774675
-0.005296	-1.204311	-44.856616	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	10.152807	109.241617	1.419044
0.005397	0.802088	108.443043	
0.14084	10.152807	109.241617	1.419044
0.005397	0.207461	96.215796	
0.28167	10.152807	109.241617	1.419044
0.005397	0.224502	105.366322	
0.42251	10.152807	109.241617	1.419044
0.005397	0.556167	127.450987	
0.56335	10.152807	109.241617	1.419044
0.005397	0.887761	159.249123	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.654767	-80.447369	-0.790827
-0.004343	-0.438622	-12.125515	
0.14084	-10.654767	-80.447369	-0.790827
-0.004343	-0.118107	-10.106398	
0.28167	-10.654767	-80.447369	-0.790827
-0.004343	-0.402187	-24.388062	
0.42251	-10.654767	-80.447369	-0.790827
-0.004343	-0.993632	-50.137220	
0.56335	-10.654767	-80.447369	-0.790827
-0.004343	-1.585200	-90.092145	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.690591	101.477232	1.528509
0.004474	0.858257	91.154593	
0.14084	9.690591	101.477232	1.528509
0.004474	0.217650	81.189752	
0.28167	9.690591	101.477232	1.528509
0.004474	0.241310	88.988424	
0.42251	9.690591	101.477232	1.528509
0.004474	0.597409	107.749474	
0.56335	9.690591	101.477232	1.528509
0.004474	0.953428	134.596773	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4016

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.501175	-67.905891	-0.849077
-0.004288	-0.470651	-31.547154	
0.14084	-12.501175	-67.905891	-0.849077
-0.004288	-0.123783	-33.180937	
0.28167	-12.501175	-67.905891	-0.849077
-0.004288	-0.435347	-48.028671	
0.42251	-12.501175	-67.905891	-0.849077
-0.004288	-1.073313	-73.170916	
0.56335	-12.501175	-67.905891	-0.849077
-0.004288	-1.711374	-110.313405	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.731127	8.557788	0.800989
3.88E-06	0.435670	1.807024	
0.14084	3.731127	8.557788	0.800989
3.88E-06	0.091092	1.330457	
0.28167	3.731127	8.557788	0.800989
3.88E-06	0.118773	2.078214	
0.42251	3.731127	8.557788	0.800989
3.88E-06	0.292309	2.247759	
0.56335	3.731127	8.557788	0.800989
3.88E-06	0.465770	2.466379	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.898502	-1.216869	-0.413832
-0.001178	-0.225216	-34.799701	
0.14084	-0.898502	-1.216869	-0.413832
-0.001178	-0.054775	-37.795157	
0.28167	-0.898502	-1.216869	-0.413832
-0.001178	-0.236333	-40.888281	
0.42251	-0.898502	-1.216869	-0.413832
-0.001178	-0.573030	-44.055558	
0.56335	-0.898502	-1.216869	-0.413832
-0.001178	-0.908222	-47.293806	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.588736	27.176431	1.460591
0.000106	0.803107	7.119973	
0.14084	4.588736	27.176431	1.460591
0.000106	0.189771	6.473890	
0.28167	4.588736	27.176431	1.460591
0.000106	0.196412	6.233597	
0.42251	4.588736	27.176431	1.460591
0.000106	0.481555	6.855579	
0.56335	4.588736	27.176431	1.460591
0.000106	0.771789	6.846657	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.734941	-2.322425	-0.686185
-0.002142	-0.379127	-54.051131	
0.14084	-5.734941	-2.322425	-0.686185
-0.002142	-0.091825	-61.790911	
0.28167	-5.734941	-2.322425	-0.686185
-0.002142	-0.421952	-70.443292	
0.42251	-5.734941	-2.322425	-0.686185
-0.002142	-1.035203	-80.094658	
0.56335	-5.734941	-2.322425	-0.686185
-0.002142	-1.647317	-90.701839	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.421996	69.965040	1.943564
1.04E-05	1.070377	55.798853	
0.14084	4.421996	69.965040	1.943564
1.04E-05	0.254723	40.216952	
0.28167	4.421996	69.965040	1.943564
1.04E-05	0.224003	32.596234	
0.42251	4.421996	69.965040	1.943564
1.04E-05	0.554096	31.123543	
0.56335	4.421996	69.965040	1.943564
1.04E-05	0.884284	31.050709	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4017

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.768587	-4.336569	-0.786744
-0.002294	-0.934388	-45.645867	
0.14084	-8.768587	-4.336569	-0.786744
-0.002294	-0.104597	-51.364556	
0.28167	-8.768587	-4.336569	-0.786744
-0.002294	-0.558284	-66.399820	
0.42251	-8.768587	-4.336569	-0.786744
-0.002294	-1.673960	-92.789089	
0.56335	-8.768587	-4.336569	-0.786744
-0.002294	-2.188325	-120.575338	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.746579	87.199646	2.295882
0.003009	1.277467	111.492827	
0.14084	7.746579	87.199646	2.295882
0.003009	0.315016	101.412561	
0.28167	7.746579	87.199646	2.295882
0.003009	0.290315	97.914543	
0.42251	7.746579	87.199646	2.295882
0.003009	0.719648	106.045824	
0.56335	7.746579	87.199646	2.295882
0.003009	1.148548	120.761408	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.312261	-42.412111	-1.023519
-0.004441	-0.571158	-38.117264	
0.14084	-9.312261	-42.412111	-1.023519
-0.004441	-0.148393	-42.867935	
0.28167	-9.312261	-42.412111	-1.023519
-0.004441	-0.657684	-55.478062	
0.42251	-9.312261	-42.412111	-1.023519
-0.004441	-1.618537	-77.169870	
0.56335	-9.312261	-42.412111	-1.023519
-0.004441	-2.578640	-110.542833	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.745455	28.482630	0.743496
6.11E-06	0.414315	14.148948	
0.14084	0.745455	28.482630	0.743496
6.11E-06	0.102566	11.115375	
0.28167	0.745455	28.482630	0.743496
6.11E-06	0.076584	10.487941	
0.42251	0.745455	28.482630	0.743496
6.11E-06	0.189485	10.578404	
0.56335	0.745455	28.482630	0.743496
6.11E-06	0.302625	10.916083	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.015090	-1.531599	-0.269831
-0.000864	-0.149444	-12.938173	
0.14084	-6.015090	-1.531599	-0.269831
-0.000864	-0.036657	-17.202770	
0.28167	-6.015090	-1.531599	-0.269831
-0.000864	-0.208657	-26.715918	
0.42251	-6.015090	-1.531599	-0.269831
-0.000864	-0.520415	-37.486193	
0.56335	-6.015090	-1.531599	-0.269831
-0.000864	-0.832137	-48.723332	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.853082	108.790317	1.457285
0.003869	0.827017	126.436037	
0.14084	1.853082	108.790317	1.457285
0.003869	0.216954	91.649192	
0.28167	1.853082	108.790317	1.457285
0.003869	0.140872	65.921828	
0.42251	1.853082	108.790317	1.457285
0.003869	0.350698	56.336886	
0.56335	1.853082	108.790317	1.457285
0.003869	0.560777	56.433394	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4018

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.311857	-9.193199	-0.501402
-0.004977	-0.284884	-8.964611	
0.14084	-10.311857	-9.193199	-0.501402
-0.004977	-0.084832	-11.110508	
0.28167	-10.311857	-9.193199	-0.501402
-0.004977	-0.410810	-24.931412	
0.42251	-10.311857	-9.193199	-0.501402
-0.004977	-1.018501	-49.199347	
0.56335	-10.311857	-9.193199	-0.501402
-0.004977	-1.626024	-90.876566	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.837496	106.512097	1.960725
0.003502	1.100216	114.682906	
0.14084	3.837496	106.512097	1.960725
0.003502	0.276682	83.288838	
0.28167	3.837496	106.512097	1.960725
0.003502	0.217004	60.281254	
0.42251	3.837496	106.512097	1.960725
0.003502	0.537765	51.773643	
0.56335	3.837496	106.512097	1.960725
0.003502	0.858729	52.169181	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.277705	-9.220167	-0.765884
-0.005480	-0.429680	-34.017431	
0.14084	-11.277705	-9.220167	-0.765884
-0.005480	-0.118293	-38.898369	
0.28167	-11.277705	-9.220167	-0.765884
-0.005480	-0.558185	-54.936388	
0.42251	-11.277705	-9.220167	-0.765884
-0.005480	-1.377726	-80.106032	
0.56335	-11.277705	-9.220167	-0.765884
-0.005480	-2.196499	-121.113168	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.240391	81.397673	2.408673
0.003056	1.340712	96.382356	
0.14084	8.240391	81.397673	2.408673
0.003056	0.331418	94.299972	
0.28167	8.240391	81.397673	2.408673
0.003056	0.314667	99.280688	
0.42251	8.240391	81.397673	2.408673
0.003056	0.780373	114.481077	
0.56335	8.240391	81.397673	2.408673
0.003056	1.246648	135.403666	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-10.050384	-55.813750	-1.111205
-0.003755	-0.619435	-28.991234	
0.14084	-10.050384	-55.813750	-1.111205
-0.003755	-0.158644	-33.391639	
0.28167	-10.050384	-55.813750	-1.111205
-0.003755	-0.686667	-47.003291	
0.42251	-10.050384	-55.813750	-1.111205
-0.003755	-1.694999	-68.729784	
0.56335	-10.050384	-55.813750	-1.111205
-0.003755	-2.702617	-100.330788	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.773848	3.443406	1.255891
0.001716	0.694655	2.890071	
0.14084	6.773848	3.443406	1.255891
0.001716	0.168428	6.744082	
0.28167	6.773848	3.443406	1.255891
0.001716	0.226047	27.498130	
0.42251	6.773848	3.443406	1.255891
0.001716	0.561859	49.447335	
0.56335	6.773848	3.443406	1.255891
0.001716	0.896747	71.789676	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4019

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.903122	-54.354858	-0.799160
-1.47E-05	-0.443770	-26.213262	
0.14084	-1.903122	-54.354858	-0.799160
-1.47E-05	-0.107702	-12.887316	
0.28167	-1.903122	-54.354858	-0.799160
-1.47E-05	-0.357486	-11.652288	
0.42251	-1.903122	-54.354858	-0.799160
-1.47E-05	-0.888371	-12.097341	
0.56335	-1.903122	-54.354858	-0.799160
-1.47E-05	-1.410027	-13.036412	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.606010	79.968843	1.977161
0.007378	1.119319	118.973044	
0.14084	9.606010	79.968843	1.977161
0.007378	0.292012	102.696648	
0.28167	9.606010	79.968843	1.977161
0.007378	0.317377	100.422998	
0.42251	9.606010	79.968843	1.977161
0.007378	0.789515	114.845522	
0.56335	9.606010	79.968843	1.977161
0.007378	1.260466	142.109595	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.909936	-74.716249	-1.125393
-0.005595	-0.635554	-19.328332	
0.14084	-5.909936	-74.716249	-1.125393
-0.005595	-0.176684	-10.867592	
0.28167	-5.909936	-74.716249	-1.125393
-0.005595	-0.561409	-10.588198	
0.42251	-5.910936	-74.716249	-1.125393
-0.005595	-1.385517	-15.699969	
0.56335	-5.909936	-74.716249	-1.125393
-0.005595	-2.209774	-44.611051	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.599260	96.958695	2.375329
0.005632	1.333963	118.621760	
0.14084	8.599260	96.958695	2.375329
0.005632	0.339357	100.085824	
0.28167	8.599260	96.958695	2.375329
0.005632	0.328715	99.923052	
0.42251	8.599260	96.958695	2.375329
0.005632	0.817829	115.076740	
0.56335	8.599260	96.958695	2.375329
0.005632	1.306025	140.018799	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.648439	-68.302538	-1.165809
-0.004669	-0.653929	-17.604399	
0.14084	-9.648439	-68.302538	-1.165809
-0.004669	-0.175002	-10.711433	
0.28167	-9.648439	-68.302538	-1.165809
-0.004669	-0.673555	-21.997285	
0.42251	-9.648439	-68.302538	-1.165809
-0.004669	-1.665409	-41.181003	
0.56335	-9.648439	-68.302538	-1.165809
-0.004669	-2.657701	-77.907798	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.456575	90.941900	2.530933
0.004680	1.416485	99.836308	
0.14084	8.456575	90.941900	2.530933
0.004680	0.356149	84.683374	
0.28167	8.456575	90.941900	2.530933
0.004680	0.345560	84.742480	
0.42251	8.456575	90.941900	2.530933
0.004680	0.858179	97.685348	
0.56335	8.456575	90.941900	2.530933
0.004680	1.369968	118.771806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4020

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.116474	-57.684004	-1.221911
-0.004640	-0.683242	-34.824642	
0.14084	-11.116474	-57.684004	-1.221911
-0.004640	-0.179016	-32.539760	
0.28167	-11.116474	-57.684004	-1.221911
-0.004640	-0.718631	-45.325089	
0.42251	-11.116474	-57.684004	-1.221911
-0.004640	-1.776884	-65.243059	
0.56335	-11.116474	-57.684004	-1.221911
-0.004640	-2.834933	-99.948978	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.404034	128.878947	1.528509
0.007359	0.858257	126.257475	
0.14084	11.404034	128.878947	1.528509
0.007359	0.217650	101.313012	
0.28167	11.404034	128.878947	1.528509
0.007359	0.241310	105.604800	
0.42251	11.404034	128.878947	1.528509
0.007359	0.597409	127.450987	
0.56335	11.404034	128.878947	1.528509
0.007359	0.953428	162.019491	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.894048	-87.714380	-0.849077
-0.005723	-0.470651	-54.221311	
0.14084	-12.894048	-87.714380	-0.849077
-0.005723	-0.123783	128.876937	
0.28167	-12.894048	-87.714380	-0.849077
-0.005723	-0.435347	-70.835776	
0.42251	-12.894048	-87.714380	-0.849077
-0.005723	-1.073313	-98.490240	
0.56335	-12.894048	-87.714380	-0.849077
-0.005723	-1.711374	-133.088390	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.606010	108.790317	2.530933
0.007378	1.416485	126.436037	
0.14084	9.606010	108.790317	2.530933
0.007378	0.356149	102.696648	
0.28167	9.606010	108.790317	2.530933
0.007378	0.345560	100.422998	
0.42251	9.606010	108.790317	2.530933
0.007378	0.858179	115.076740	
0.56335	9.606010	108.790317	2.530933
0.007378	1.369968	142.109595	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.277705	-74.716249	-1.221911
-0.005595	-0.683242	-54.051131	
0.14084	-11.277705	-74.716249	-1.221911
-0.005595	-0.179016	-61.790911	
0.28167	-11.277705	-74.716249	-1.221911
-0.005595	-0.718631	-70.443292	
0.42251	-11.277705	-74.716249	-1.221911
-0.005595	-1.776884	-92.789089	
0.56335	-11.277705	-74.716249	-1.221911
-0.005595	-2.834933	-121.113168	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.404034	128.878947	2.530933
0.007378	1.416485	126.436037	
0.14084	11.404034	128.878947	2.530933
0.007378	0.356149	102.696648	
0.28167	11.404034	128.878947	2.530933
0.007378	0.345560	105.604800	
0.42251	11.404034	128.878947	2.530933
0.007378	0.858179	127.450987	
0.56335	11.404034	128.878947	2.530933
0.007378	1.369968	162.019491	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4021

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.894048	-87.714380	-1.221911
-0.005723	-0.683242	-54.221311	
0.14084	-12.894048	-87.714380	-1.221911
-0.005723	-0.179016	-61.876937	
0.28167	-12.894048	-87.714380	-1.221911
-0.005723	-0.718631	-70.835776	
0.42251	-12.894048	-87.714380	-1.221911
-0.005723	-1.776884	-98.490240	
0.56335	-12.894048	-87.714380	-1.221911
-0.005723	-2.834933	-133.088390	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	11.404034	128.878947	2.530933
0.007378	1.416485	126.436037	
0.14084	11.404034	128.878947	2.530933
0.007378	0.356149	102.696648	
0.28167	11.404034	128.878947	2.530933
0.007378	0.345560	105.604800	
0.42251	11.404034	128.878947	2.530933
0.007378	0.858179	127.450987	
0.56335	11.404034	128.878947	2.530933
0.007378	1.369968	162.019491	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-12.894048	-87.714380	-1.221911
-0.005723	-0.683242	-54.221311	
0.14084	-12.894048	-87.714380	-1.221911
-0.005723	-0.179016	-61.876937	
0.28167	-12.894048	-87.714380	-1.221911
-0.005723	-0.718631	-70.835776	
0.42251	-12.894048	-87.714380	-1.221911
-0.005723	-1.776884	-98.490240	
0.56335	-12.894048	-87.714380	-1.221911
-0.005723	-2.834933	-133.088390	

ELEM 386 ========== LENGTH = 2.978072

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.784589	4.074617	0.621611
8.73E-06	0.649636	4.697043	
0.57739	4.784589	4.074617	0.621611
8.73E-06	0.388659	3.012501	
0.71826	4.784589	4.074617	0.621611
8.73E-06	0.128082	2.633773	
0.85913	4.784589	4.074617	0.621611
8.73E-06	0.078128	2.293786	
1.00000	4.784589	4.074617	0.621611
8.73E-06	0.229592	4.380371	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.378125	-24.607150	-0.361017
-0.001858	-0.376220	-42.793995	
0.57739	-0.378125	-24.607150	-0.361017
-0.001858	-0.224766	-33.455582	
0.71826	-0.378125	-24.607150	-0.361017
-0.001858	-0.073303	-24.819086	
0.85913	-0.378125	-24.607150	-0.361017
-0.001858	0.137207	-16.853787	
1.00000	-0.378125	-24.607150	-0.361017
-0.001858	-0.393472	-9.467566	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	7.324803	6.290235	1.216409
0.000164	1.272665	7.456047	
0.57739	7.324803	6.290235	1.216409
0.000164	0.762360	4.892791	
0.71826	7.324803	6.290235	1.216409
0.000164	0.252053	3.206432	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4022

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.85913	7.324803	6.290235	1.216409
0.000164	0.126900	4.241744	
1.00000	7.324803	6.290235	1.216409
0.000164	0.373619	12.388700	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.973210	-45.495047	-0.588076
-0.003214	-0.613210	-90.457089	
0.57739	-0.973210	-45.495047	-0.588076
-0.003214	-0.366494	-74.173002	
0.71826	-0.973210	-45.495047	-0.588076
-0.003214	0.119795	-59.163558	
0.85913	-0.973210	-45.495047	-0.588076
-0.003214	-0.258578	-45.412880	
1.00000	-0.973210	-45.495047	-0.588076
-0.003214	-0.768556	-32.550345	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	7.096928	21.668803	1.708121
5.03E-06	1.787551	57.591955	
0.57739	7.096928	21.668803	1.708121
5.03E-06	1.070964	48.735458	
0.71826	7.096928	21.668803	1.708121
5.03E-06	0.354375	41.172645	
0.85913	7.096928	21.668803	1.708121
5.03E-06	0.142352	35.538179	
1.00000	7.096928	21.668803	1.708121
5.03E-06	0.420106	37.081877	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-2.349562	-49.029821	-0.661958
-0.003092	-0.690709	-73.835789	
0.57739	-2.349562	-49.029821	-0.661958
-0.003092	-0.413006	-56.050079	
0.71826	-2.349562	-49.029821	-0.661958
-0.003092	-0.135266	-42.736367	
0.85913	-2.349562	-49.029821	-0.661958
-0.003092	-0.362236	-32.008170	
1.00000	-2.349562	-49.029821	-0.661958
-0.003092	-1.078798	-22.052088	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	9.866281	30.437195	1.932178
0.003364	2.021647	72.851701	
0.57739	9.866281	30.437195	1.932178
0.003364	1.211064	61.057026	
0.71826	9.866281	30.437195	1.932178
0.003364	0.400480	55.365882	
0.85913	9.866281	30.437195	1.932178
0.003364	0.183595	68.644969	
1.00000	9.866281	30.437195	1.932178
0.003364	0.542395	95.782070	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-3.918078	-103.541450	-0.855119
-0.004615	-0.892557	-104.017556	
0.57739	-3.918078	-103.541450	-0.855119
-0.004615	-0.533820	-65.398704	
0.71826	-3.918078	-103.541450	-0.855119
-0.004615	-0.175032	-39.334212	
0.85913	-3.918078	-103.541450	-0.855119
-0.004615	-0.416335	-26.767177	
1.00000	-3.918078	-103.541450	-0.855119
-0.004615	-1.220686	-20.077753	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	2.150945	1.926710	0.710307
1.34E-05	0.744115	5.131134	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4023

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.57739	2.150945	1.926710	0.710307
1.34E-05	0.446134	5.000992	
0.71826	2.150945	1.926710	0.710307
1.34E-05	0.148147	5.558460	
0.85913	2.150945	1.926710	0.710307
1.34E-05	0.045091	6.865214	
1.00000	2.150945	1.926710	0.710307
1.34E-05	0.133608	11.650759	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-1.046172	-19.739306	-0.211001
-0.001209	-0.220469	-36.485078	
0.57739	-1.046172	-19.739306	-0.211001
-0.001209	-0.131951	-32.258378	
0.71826	-1.046172	-19.739306	-0.211001
-0.001209	-0.043436	-28.060030	
0.85913	-1.046172	-19.739306	-0.211001
-0.001209	0.149855	-24.129827	
1.00000	-1.046172	-19.739306	-0.211001
-0.001209	-0.447831	-20.334506	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	5.755616	23.821611	1.369047
0.003491	1.433414	71.448392	
0.57739	5.755616	23.821611	1.369047
0.003491	0.859075	62.875256	
0.71826	5.755616	23.821611	1.369047
0.003491	0.284734	61.780911	
0.85913	5.755616	23.821611	1.369047
0.003491	0.088926	78.848518	
1.00000	5.755616	23.821611	1.369047
0.003491	0.263789	100.460672	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-2.770058	-80.664960	-0.416707
-0.003865	-0.435478	-59.956861	
0.57739	-2.770058	-80.664960	-0.416707
-0.003865	-0.260662	-30.646626	
0.71826	-2.770058	-80.664960	-0.416707
-0.003865	-0.085803	-17.518749	
0.85913	-2.770058	-80.664960	-0.416707
-0.003865	-0.298136	-14.617777	
1.00000	-2.770058	-80.664960	-0.416707
-0.003865	-0.863944	-11.952890	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	8.613137	24.202676	1.759645
0.003155	1.841807	67.007835	
0.57739	8.613137	24.202676	1.759645
0.003155	1.103694	58.356139	
0.71826	8.613137	24.202676	1.759645
0.003155	0.365403	56.442954	
0.85913	8.613137	24.202676	1.759645
0.003155	0.138998	72.042549	
1.00000	8.613137	24.202676	1.759645
0.003155	0.410818	94.287858	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-2.744145	-92.278985	-0.647814
-0.004906	-0.661763	-87.628434	
0.57739	-2.744145	-92.278985	-0.647814
-0.004906	-0.404493	-55.048317	
0.71826	-2.744145	-92.278985	-0.647814
-0.004906	-0.132676	-37.274932	
0.85913	-2.744145	-92.278985	-0.647814
-0.004906	-0.380507	-29.050218	
1.00000	-2.744145	-92.278985	-0.647814
-0.004906	-1.111003	-21.408574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4024

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	8.058400	38.185127	1.988116
0.003505	2.080639	79.579875	
0.57739	8.058400	38.185127	1.988116
0.003505	1.246589	64.523993	
0.71826	8.058400	38.185127	1.988116
0.003505	0.412571	54.278037	
0.85913	8.058400	38.185127	1.988116
0.003505	0.197473	59.361465	
1.00000	8.058400	38.185127	1.988116
0.003505	0.583919	82.144950	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-5.168415	-89.890509	-0.921055
-0.003775	-0.961680	-94.937392	
0.57739	-5.168415	-89.890509	-0.921055
-0.003775	-0.685580	-62.050806	
0.71826	-5.168415	-89.890509	-0.921055
-0.003775	-0.188830	-39.651717	
0.85913	-5.168415	-89.890509	-0.921055
-0.003775	-0.426572	-24.860242	
1.00000	-5.168415	-89.890509	-0.921055
-0.003775	-1.255562	-24.305535	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.345616	36.857266	0.808307
0.002340	0.846044	40.622109	
0.57739	0.345616	36.857266	0.808307
0.002340	0.506945	25.293206	
0.71826	0.345616	36.857266	0.808307
0.002340	0.167846	10.244054	
0.85913	0.345616	36.857266	0.808307
0.002340	0.138792	2.363901	
1.00000	0.345616	36.857266	0.808307
0.002340	0.410852	3.144185	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-5.442550	-3.484872	-0.648400
-8.85E-06	-0.677209	-17.183973	
0.57739	-5.442550	-3.484872	-0.648400
-8.85E-06	-0.405194	-17.931060	
0.71826	-5.442550	-3.484872	-0.648400
-8.85E-06	-0.133136	-19.544631	
0.85913	-5.442550	-3.484872	-0.648400
-8.85E-06	-0.171296	-21.890813	
1.00000	-5.442550	-3.484872	-0.648400
-8.85E-06	-0.510353	-26.288019	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.935179	55.436703	1.400456
0.006924	1.465411	94.425014	
0.57739	4.935179	55.436703	1.400456
0.006924	0.877894	72.464145	
0.71826	4.935179	55.436703	1.400456
0.006924	0.290378	58.479979	
0.85913	4.935179	55.436703	1.400456
0.006924	0.191715	71.896286	
1.00000	4.935179	55.436703	1.400456
0.006924	0.584205	96.984756	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-7.178787	-78.987256	-0.922065
-0.003248	-0.963087	-62.237172	
0.57739	-7.178787	-78.987256	-0.922065
-0.003248	-0.576264	-33.966061	
0.71826	-7.178787	-78.987256	-0.922065
-0.003248	-0.189377	-21.215095	
0.85913	-7.178787	-78.987256	-0.922065
-0.003248	-0.307578	-19.245133	
1.00000	-7.178787	-78.987256	-0.922065
-0.003248	-0.884656	-23.966783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4025

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	4.859340	54.974900	1.870514
0.005289	1.957951	100.481477	
0.57739	4.859340	54.974900	1.870514
0.005289	1.173237	79.054792	
0.71826	4.859340	54.974900	1.870514
0.005289	0.388523	63.464274	
0.85913	4.859340	54.974900	1.870514
0.005289	0.203085	68.242888	
1.00000	4.859340	54.974900	1.870514
0.005289	0.601746	86.119724	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-7.607097	-71.874012	-0.950085
-0.002908	-0.992564	-58.497199	
0.57739	-7.607097	-71.874012	-0.950085
-0.002908	-0.593987	-32.178943	
0.71826	-7.607097	-71.874012	-0.950085
-0.002908	-0.195334	-20.015907	
0.85913	-7.607097	-71.874012	-0.950085
-0.002908	-0.403268	-17.882277	
1.00000	-7.607097	-71.874012	-0.950085
-0.002908	-1.180904	-22.238397	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	6.512512	48.258650	2.030536
0.004390	2.125504	86.999468	
0.57739	6.512512	48.258650	2.030536
0.004390	1.273658	67.856801	
0.71826	6.512512	48.258650	2.030536
0.004390	0.421811	54.110542	
0.85913	6.512512	48.258650	2.030536
0.004390	0.215656	57.770802	
1.00000	6.512512	48.258650	2.030536
0.004390	0.638185	75.251616	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-6.700733	-76.118080	-1.007003
-0.003556	-1.051639	-85.598326	
0.57739	-6.700733	-76.118080	-1.007003
-0.003556	-0.629184	-58.322065	
0.71826	-6.700733	-76.118080	-1.007003
-0.003556	-0.206659	-42.985273	
0.85913	-6.700733	-76.118080	-1.007003
-0.003556	-0.435978	-35.963472	
1.00000	-6.700733	-76.118080	-1.007003
-0.003556	-1.281881	-34.504064	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	5.870710	5.003612	0.995927
6.32E-06	1.039815	7.693559	
0.57739	5.870710	5.003612	0.995927
6.32E-06	0.622546	6.013380	
0.71826	5.870710	5.003612	0.995927
6.32E-06	0.203639	4.456643	
0.85913	5.870710	5.003612	0.995927
6.32E-06	0.102764	3.436835	
1.00000	5.870710	5.003612	0.995927
6.32E-06	0.302246	5.800483	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.519915	-32.083417	-0.475421
-0.002112	-0.498537	-55.821720	
0.57739	-0.519915	-32.083417	-0.475421
-0.002112	-0.296144	-42.925561	
0.71826	-0.519915	-32.083417	-0.475421
-0.002112	-0.096708	-30.352987	
0.85913	-0.519915	-32.083417	-0.475421
-0.002112	-0.213489	-18.597898	
1.00000	-0.519915	-32.083417	-0.475421
-0.002112	-0.632326	-10.358064	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4026

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	8.586321	7.569997	1.891480
0.000110	1.977035	10.272983	
0.57739	8.586321	7.569997	1.891480
0.000110	1.184133	7.286548	
0.71826	8.586321	7.569997	1.891480
0.000110	0.389537	5.008876	
0.85913	8.586321	7.569997	1.891480
0.000110	0.170055	4.823487	
1.00000	8.586321	7.569997	1.891480
0.000110	0.500707	14.006591	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-1.167827	-59.747748	-0.788386
-0.003507	-0.822116	-112.966551	
0.57739	-1.167827	-59.747748	-0.788386
-0.003507	-0.491493	-88.715231	
0.71826	-1.167827	-59.747748	-0.788386
-0.003507	-0.160899	-65.326100	
0.85913	-1.167827	-59.747748	-0.788386

```
-0.003507   -0.402943   -43.524635
 1.00000    -1.167827   -59.747748      -0.788386
-0.003507   -1.197294   -28.789983

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    8.269969   21.093229    2.568678
 1.87E-05   2.685077   52.807644
 0.57739    8.269969   21.093229    2.568678
 1.87E-05   1.608443   45.177681
 0.71826    8.269969   21.093229    2.568678
 1.87E-05   0.529980   40.435083
 0.85913    8.269969   21.093229    2.568678
 1.87E-05   0.197700   38.008995
 1.00000    8.269969   21.093229    2.568678
 1.87E-05   0.585401   44.045955

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -2.338828  -61.645654   -0.923671
-0.003256   -0.963819   -93.944425
 0.57739   -2.338828  -61.645654   -0.923671
-0.003256   -0.576152   -70.299077
 0.71826   -2.338828  -61.645654   -0.923671
-0.003256   -0.188571   -50.806747
 0.85913   -2.338828  -61.645654   -0.923671
-0.003256   -0.545513   -33.666673
 1.00000   -2.338828  -61.645654   -0.923671
-0.003256   -1.623940   -21.870163

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    10.092884  30.283787    3.010898
 0.003088   3.144994   69.621954
 0.57739    10.092884  30.283787    3.010898
 0.003088   1.882789   58.569528
 0.71826    10.092884  30.283787    3.010898
 0.003088   0.619619   54.263682
 0.85913    10.092884  30.283787    3.010898
 0.003088   0.261501   66.327989
 1.00000    10.092884  30.283787    3.010898
 0.003088   0.768635   88.992000

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -3.940330  -103.599130   -1.211912
-0.004087   -1.264440   -117.683135
 0.57739   -3.940330  -103.599130   -1.211912
-0.004087   -0.756065   -76.467816
 0.71826   -3.940330  -103.599130   -1.211912
-0.004087   -0.247509   -46.506320
 0.85913   -3.940330  -103.599130   -1.211912
-0.004087   -0.646868   -28.251727
 1.00000   -3.940330  -103.599130   -1.211912
-0.004087   -1.905426   -19.737270
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4027

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    2.248715   2.516092    1.022691
 8.65E-06   1.070640   5.812128
 0.57739    2.248715   2.516092    1.022691
 8.65E-06   0.641698   4.952741
 0.71826    2.248715   2.516092    1.022691
 8.65E-06   0.212724   4.429632
 0.85913    2.248715   2.516092    1.022691
 8.65E-06   0.066751   6.363697
 1.00000    2.248715   2.516092    1.022691
 8.65E-06   0.197468   12.806646

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -1.005418  -24.382728   -0.312382
-0.001238   -0.326207   -45.299957
 0.57739   -1.005418  -24.382728   -0.312382
-0.001238   -0.195043   -36.057345
 0.71826   -1.005418  -24.382728   -0.312382
-0.001238   -0.064319   -27.338162
 0.85913   -1.005418  -24.382728   -0.312382
-0.001238   -0.067157   -18.618465
 1.00000   -1.005418  -24.382728   -0.312382
-0.001238   -0.644734   -16.861868

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    5.457900   21.259536    1.984889
 0.003321   2.072702   61.422682
 0.57739    5.457900   21.259536    1.984889
 0.003321   1.240529   54.754555
 0.71826    5.457900   21.259536    1.984889
 0.003321   0.408697   56.736243
 0.85913    5.457900   21.259536    1.984889
 0.003321   0.132479   75.502385
 1.00000    5.457900   21.259536    1.984889
 0.003321   0.384816   98.276032

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -2.551714  -77.916917   -0.607685
-0.003044   -0.633769   -62.993622
 0.57739   -2.551714  -77.916917   -0.607685
-0.003044   -0.378690   -32.356061
 0.71826   -2.551714  -77.916917   -0.607685
-0.003044   -0.124052   -17.137829
 0.85913   -2.551714  -77.916917   -0.607685
-0.003044   -0.430791   -12.598900
 1.00000   -2.551714  -77.916917   -0.607685
-0.003044   -1.255515   -9.728308

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    9.003797   22.579316    2.619349
 0.003006   2.735851   59.586832
 0.57739    9.003797   22.579316    2.619349
 0.003006   1.637169   52.184340
 0.71826    9.003797   22.579316    2.619349
 0.003006   0.539206   52.727237
 0.85913    9.003797   22.579316    2.619349
 0.003006   0.197343   69.433168
 1.00000    9.003797   22.579316    2.619349
 0.003006   0.575688   93.304657

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -2.755161  -96.241138   -0.907803
-0.004336   -0.946647   -102.448976
 0.57739   -2.755161  -96.241138   -0.907803
-0.004336   -0.565665   -64.921134
 0.71826   -2.755161  -96.241138   -0.907803
-0.004336   -0.185205   -41.600800
 0.85913   -2.755161  -96.241138   -0.907803
-0.004336   -0.565427   -28.408071
 1.00000   -2.755161  -96.241138   -0.907803
-0.004336   -1.557595   -19.431917
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4028

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    8.220896   38.291232    3.170127
 0.003402   3.312912   74.989733
 0.57739    8.220896   38.291232    3.170127
 0.003402   1.983608   60.564298
 0.71826    8.220896   38.291232    3.170127
 0.003402   0.654214   51.578542
 0.85913    8.220896   38.291232    3.170127
 0.003402   0.283827   57.078491
 1.00000    8.220896   38.291232    3.170127
 0.003402   0.836680   77.443100

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -5.346592  -90.980565   -1.319980
-0.003308   -1.377752  -104.392622
 0.57739   -5.346592  -90.980565   -1.319980
-0.003308   -0.824018   -68.534116
 0.71826   -5.346592  -90.980565   -1.319980
-0.003308   -0.269877   -42.401746
 0.85913   -5.346592  -90.980565   -1.319980
-0.003308   -0.678387   -24.321830
 1.00000   -5.346592  -90.980565   -1.319980
-0.003308   -2.004173   -23.257722

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    0.640917   42.205729    1.593426
 0.002637   1.666682   44.008358
 0.57739    0.640917   42.205729    1.593426
 0.002637   0.992834   43.223553
 0.71826    0.640917   42.205729    1.593426
 0.002637   0.330218   10.506752
 0.85913    0.640917   42.205729    1.593426
 0.002637   0.202802   2.512219
 1.00000    0.640917   42.205729    1.593426
 0.002637   0.602349   3.619465

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -5.969114   -4.440172   -0.950302
-6.25E-06   -0.992714   -18.093776
 0.57739   -5.969114   -4.440172   -0.950302
-6.25E-06   -0.594376   -16.875625
 0.71826   -5.969114   -4.440172   -0.950302
-6.25E-06   -0.194833   -16.358237
 0.85913   -5.969114   -4.440172   -0.950302
-6.25E-06   -0.337537   -21.846383
 1.00000   -5.969114   -4.440172   -0.950302
-6.25E-06   -1.005739   -34.096264

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    5.424582   58.300509    2.540336
 0.007645   2.651633   92.655109
 0.57739    5.424582   58.300509    2.540336
 0.007645   1.586016   69.950006
 0.71826    5.424582   58.300509    2.540336
 0.007645   0.521795   56.646007
 0.85913    5.424582   58.300509    2.540336
 0.007645   0.224824   71.821210
 1.00000    5.424582   58.300509    2.540336
 0.007645   0.855818   99.069914

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.604855  -81.831384   -1.348416
-0.002756   -1.407325   -66.275265
 0.57739   -7.604855  -81.831384   -1.348416
-0.002756   -0.842033   -33.656289
 0.71826   -7.604855  -81.831384   -1.348416
-0.002756   -0.275808   -18.020372
 0.85913   -7.604855  -81.831384   -1.348416
-0.002756   -0.554587   -19.684328
 1.00000   -7.604855  -81.831384   -1.348416
-0.002756   -1.608819   -31.486309
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4029

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    5.424561   56.229613    3.116356
 0.006025   3.255775   92.783637
 0.57739    5.424561   56.229613    3.116356
 0.006025   1.948806   71.355337
 0.71826    5.424561   56.229613    3.116356
 0.006025   0.642902   58.483156
 0.85913    5.424561   56.229613    3.116356
 0.006025   0.301664   69.760540
 1.00000    5.424561   56.229613    3.116356
 0.006025   0.887373   93.347536

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.837745  -76.696186   -1.400324
-0.002568   -1.461874   -61.828438
 0.57739   -7.837745  -76.696186   -1.400324
-0.002568   -0.874563   -31.929335
 0.71826   -7.837745  -76.696186   -1.400324
-0.002568   -0.286505   -17.886237
 0.85913   -7.837745  -76.696186   -1.400324
-0.002568   -0.671250   -19.113096
 1.00000   -7.837745  -76.696186   -1.400324
-0.002568   -1.970061   -29.823268

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    7.365021   49.616458    3.327360
 0.005009   3.477187   81.147703
 0.57739    7.365021   49.616458    3.327360
 0.005009   2.081879   62.205315
 0.71826    7.365021   49.616458    3.327360
 0.005009   0.686877   50.546214
 0.85913    7.365021   49.616458    3.327360
 0.005009   0.313292   59.362948
 1.00000    7.365021   49.616458    3.327360
 0.005009   0.921865   82.178564

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.044703   -86.460353   -1.454183
-0.003384   -1.517847   -97.162798
 0.57739   -7.044703   -86.460353   -1.454183
-0.003384   -0.907962   -63.211758
 0.71826   -7.044703   -86.460353   -1.454183
-0.003384   -0.297452   -42.693297
 0.85913   -7.044703   -86.460353   -1.454183
-0.003384   -0.714291   -35.077313
 1.00000   -7.044703   -86.460353   -1.454183
-0.003384   -2.103402   -38.060213

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    9.866281   55.436703    2.030536
 0.006924   2.125504   100.481477
 0.57739    9.866281   55.436703    2.030536
 0.006924   1.273658   79.054792
 0.71826    9.866281   55.436703    2.030536
 0.006924   0.421811   63.464274
 0.85913    9.866281   55.436703    2.030536
 0.006924   0.215656   78.848518
 1.00000    9.866281   55.436703    2.030536
 0.006924   0.638185   100.460672

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.607097  -103.541450   -1.007003
-0.004906   -1.051639   -104.017556
 0.57739   -7.607097  -103.541450   -1.007003
-0.004906   -0.629184   -74.173002
 0.71826   -7.607097  -103.541450   -1.007003
-0.004906   -0.206659   -59.163558
 0.85913   -7.607097  -103.541450   -1.007003
-0.004906   -0.435978   -45.412880
 1.00000   -7.607097  -103.541450   -1.007003
-0.004906   -1.261881   -34.504064
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4030

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    10.092884  58.300509    3.327360
 0.007645   3.477187   92.783637
 0.57739    10.092884  58.300509    3.327360
 0.007645   2.081879   71.355337
 0.71826    10.092884  58.300509    3.327360
 0.007645   0.686877   58.483156
 0.85913    10.092884  58.300509    3.327360
 0.007645   0.313292   75.502385
 1.00000    10.092884  58.300509    3.327360
 0.007645   0.921865   99.069914

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.837745  -103.599130   -1.454183
-0.004336   -1.517847   -117.683135
 0.57739   -7.837745  -103.599130   -1.454183
-0.004336   -0.907962   -88.715231
 0.71826   -7.837745  -103.599130   -1.454183
-0.004336   -0.297452   -65.326100
 0.85913   -7.837745  -103.599130   -1.454183
-0.004336   -0.714291   -43.524635
 1.00000   -7.837745  -103.599130   -1.454183
-0.004336   -2.103402   -38.060213

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    10.092884  58.300509    3.327360
 0.007645   3.477187   100.481477
 0.57739    10.092884  58.300509    3.327360
 0.007645   2.081879   79.054792
 0.71826    10.092884  58.300509    3.327360
 0.007645   0.686877   63.464274
 0.85913    10.092884  58.300509    3.327360
 0.007645   0.313292   78.848518
 1.00000    10.092884  58.300509    3.327360
 0.007645   0.921865   100.460672

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.837745  -103.599130   -1.454183
-0.004906   -1.517847   -117.683135
 0.57739   -7.837745  -103.599130   -1.454183
-0.004906   -0.907962   -88.715231
 0.71826   -7.837745  -103.599130   -1.454183
-0.004906   -0.297452   -65.326100
 0.85913   -7.837745  -103.599130   -1.454183
-0.004906   -0.714291   -45.412880
 1.00000   -7.837745  -103.599130   -1.454183
-0.004906   -2.103402   -38.060213

COMB      DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.43652    10.092884  58.300509    3.327360
 0.007645   3.477187   100.481477
 0.57739    10.092884  58.300509    3.327360
 0.007645   2.081879   79.054792
 0.71826    10.092884  58.300509    3.327360
 0.007645   0.686877   63.464274
 0.85913    10.092884  58.300509    3.327360
 0.007645   0.313292   78.848518
 1.00000    10.092884  58.300509    3.327360
 0.007645   0.921865   100.460672

COMB      DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.43652   -7.837745  -103.599130   -1.454183
-0.004906   -1.517847   -117.683135
 0.57739   -7.837745  -103.599130   -1.454183
-0.004906   -0.907962   -88.715231
 0.71826   -7.837745  -103.599130   -1.454183
-0.004906   -0.297452   -65.326100
 0.85913   -7.837745  -103.599130   -1.454183
-0.004906   -0.714291   -45.412880
 1.00000   -7.837745  -103.599130   -1.454183
-0.004906   -2.103402   -38.060213
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4031

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    387 ================== LENGTH
=     2.977081

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    5.058412   4.133076    0.612994
 4.17E-06   0.385388   4.378137
 0.14083    5.058412   4.133076    0.612994
 4.17E-06   0.128408   13.402102
 0.28167    5.058412   4.133076    0.612994
 4.17E-06   0.074626   23.158821
 0.42250    5.058412   4.133076    0.612994
 4.17E-06   0.224067   33.191597
 0.56333    5.058412   4.133076    0.612994
 4.17E-06   0.373497   43.342685

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.396022   -24.720987   -0.356405
-0.001379   -0.224223   -9.471437
 0.14083   -0.396022   -24.720987   -0.356405
-0.001379   -0.074781   -4.489172
 0.28167   -0.396022   -24.720987   -0.356405
-0.001379   -0.128661   -6.029102
 0.42250   -0.396022   -24.720987   -0.356405
-0.001379   -0.385672   -7.587857
 0.56333   -0.396022   -24.720987   -0.356405
-0.001379   -0.642682   -9.205307

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    7.759403   7.763489    1.176702
 0.000105   0.740087   12.388839
 0.14083    7.759403   7.763489    1.176702
 0.000105   0.247110   27.928172
 0.28167    7.759403   7.763489    1.176702
 0.000105   0.121751   44.533034
 0.42250    7.759403   7.763489    1.176702
 0.000105   0.366218   62.047577
 0.56333    7.759403   7.763489    1.176702
 0.000105   0.610684   79.996182

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.971012   -43.759904   -0.583075
-0.002563   -0.367181   -32.555958
 0.14083   -0.971012   -43.759904   -0.583075
-0.002563   -0.122714   -20.573874
 0.28167   -0.971012   -43.759904   -0.583075
-0.002563   -0.246628   -17.603512
 0.42250   -0.971012   -43.759904   -0.583075
-0.002563   -0.739982   -15.325701
 0.56333   -0.971012   -43.759904   -0.583075
-0.002563   -1.233338   -15.460104

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    7.849395   21.011539    1.661451
 3.76E-06   1.044918   37.071456
 0.14083    7.849395   21.011539    1.661451
 3.76E-06   0.348333   51.073336
 0.28167    7.849395   21.011539    1.661451
 3.76E-06   0.137010   68.843783
 0.42250    7.849395   21.011539    1.661451
 3.76E-06   0.411817   87.980208
 0.56333    7.849395   21.011539    1.661451
 3.76E-06   0.686588   107.657170

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -2.125155   -48.906739   -0.655357
-0.003011   -0.412498   -22.055762
 0.14083   -2.125155   -48.906739   -0.655357
-0.003011   -0.137692   -12.913862
 0.28167   -2.125155   -48.906739   -0.655357
-0.003011   -0.348278   -11.838033
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4032

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.42250   -2.125155   -48.906739   -0.655357
-0.003011   -1.044874   -14.919598
 0.56333   -2.125155   -48.906739   -0.655357
-0.003011   -1.741471   -19.681487

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    8.633994   57.661655    1.901494
 0.002520   1.195384   95.862249
 0.14083    8.633994   57.661665    1.901494
 0.002520   0.405324   104.013602
 0.28167    8.633994   57.661665    1.901494
 0.002520   0.176685   115.773641
 0.42250    8.633994   57.661665    1.901494
 0.002520   0.531258   138.928504
 0.56333    8.633994   57.661665    1.901494
 0.002520   0.885784   167.861903

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.914408   -71.277316   -0.845578
-0.004860   -0.532321   -20.082074
 0.14083   -4.914408   -71.277316   -0.845578
-0.004860   -0.177743   -15.681351
 0.28167   -4.914408   -71.277316   -0.845578
-0.004860   -0.399098   -18.358756
 0.42250   -4.914408   -71.277316   -0.845578
-0.004860   -1.196336   -24.495155
 0.56333   -4.914408   -71.277316   -0.845578
-0.004860   -1.993576   -42.203111

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    2.457623   1.803271    0.677940
 8.53E-06   0.426609   11.647228
 0.14083    2.457623   1.803271    0.677940
 8.53E-06   0.142382   18.884899
 0.28167    2.457623   1.803271    0.677940
 8.53E-06   0.043920   26.609188
 0.42250    2.457623   1.803271    0.677940
 8.53E-06   0.132978   34.512388
 0.56333    2.457623   1.803271    0.677940
 8.53E-06   0.222041   42.520325

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.879691   -19.495000   -0.212422
-0.001165   -0.134208   -20.337378
 0.14083   -0.879691   -19.495000   -0.212422
-0.001165   -0.045130   -16.498241
 0.28167   -0.879691   -19.495000   -0.212422
-0.001165   -0.141874   -12.664446
 0.42250   -0.879691   -19.495000   -0.212422
-0.001165   -0.426112   -9.023765
 0.56333   -0.879691   -19.495000   -0.212422
-0.001165   -0.710352   -6.808638

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    3.633805   61.048486    1.332535
 0.002715   0.838001   100.579046
 0.14083    3.633805   61.048486    1.332535
 0.002715   0.289140   87.949077
 0.28167    3.633805   61.048486    1.332535
 0.002715   0.086246   79.249409
 0.42250    3.633805   61.048486    1.332535
 0.002715   0.259512   85.774093
 0.56333    3.633805   61.048486    1.332535
 0.002715   0.432735   100.060099

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -4.322761   -35.658259   -0.413154
-0.004916   -0.260159   -11.952640
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4033

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
 0.14083   -4.322761   -35.658259   -0.413154
-0.004916   -0.086687   -9.317992
 0.28167   -4.322761   -35.658259   -0.413154
-0.004916   -0.279385   -6.695937
 0.42250   -4.322761   -35.658259   -0.413154
-0.004916   -0.838076   -7.898787
 0.56333   -4.322761   -35.658259   -0.413154
-0.004916   -1.396768   -24.818031

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    6.930115   57.854588    1.709866
 0.002453   1.075292   94.393314
 0.14083    6.930115   57.854588    1.709866
 0.002453   0.367280   90.195860
```

0.28167 6.930115 57.854588 1.709866
0.002453 0.134047 90.125837
0.42250 6.930115 57.854588 1.709866
0.002453 0.403118 103.953074
0.56333 6.930115 57.854588 1.709866
0.002453 0.672137 124.880660

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.180475	-51.757355	-0.641637
-0.005529	-0.403940	-21.410399	
0.14083	-4.180475	-51.757355	-0.641637
-0.005529	-0.134868	-14.173307	
0.28167	-4.180475	-51.757355	-0.641637
-0.005529	-0.358560	-9.338371	
0.42250	-4.180475	-51.757355	-0.641637
-0.005529	-1.074439	-12.189279	
0.56333	-4.180475	-51.757355	-0.641637
-0.005529	-1.792333	-28.933653	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.169340	60.190850	1.963898
0.002700	1.234669	82.205868	
0.14083	7.169340	60.190850	1.963898
0.002700	0.417095	90.457111	
0.28167	7.169340	60.190850	1.963898
0.002700	0.190239	102.076441	
0.42250	7.169340	60.190850	1.963898
0.002700	0.572343	123.054648	
0.56333	7.169340	60.190850	1.963898
0.002700	0.954394	148.798250	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.816296	-63.991920	-0.911230
-0.004097	-0.573813	-24.310215	
0.14083	-5.816296	-63.991920	-0.911230
-0.004097	-0.191713	-25.835150	
0.28167	-5.816296	-63.991920	-0.911230
-0.004097	-0.412189	-29.487720	
0.42250	-5.816296	-63.991920	-0.911230
-0.004097	-1.235578	-39.654979	
0.56333	-5.816296	-63.991920	-0.911230
-0.004097	-2.058980	-59.246833	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.408095	36.893183	0.844376
0.002099	0.530764	3.144745	
0.14083	0.408095	36.893183	0.844376
0.002099	0.178756	4.088773	
0.28167	0.408095	36.893183	0.844376
0.002099	0.133598	5.323772	
0.42250	0.408095	36.893183	0.844376
0.002099	0.402437	6.663891	
0.56333	0.408095	36.893183	0.844376
0.002099	0.671233	8.057395	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4034

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.069728	-3.424675	-0.641105
-2.30E-05	-0.403952	-26.298314	
0.14083	-5.069728	-3.424675	-0.641105
-2.30E-05	-0.135113	-39.252653	
0.28167	-5.069728	-3.424675	-0.641105
-2.30E-05	-0.177279	-53.906033	
0.42250	-5.069728	-3.424675	-0.641105
-2.30E-05	-0.531301	-68.890695	
0.56333	-5.069728	-3.424675	-0.641105
-2.30E-05	-0.885323	-84.146841	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.920708	101.431515	1.437205
0.005597	0.903152	97.136835	
0.14083	1.920708	101.431515	1.437205
0.005597	0.312543	73.889533	
0.28167	1.920708	101.431515	1.437205
0.005597	0.190012	54.288942	
0.42250	1.920708	101.431515	1.437205
0.005597	0.572092	52.687225	
0.56333	1.920708	101.431515	1.437205
0.005597	0.954107	61.365526	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.922465	-25.351959	-0.911142
-0.004168	-0.573952	-23.976423	
0.14083	-8.922465	-25.351959	-0.911142
-0.004168	-0.302003	-39.117192	
0.28167	-8.922465	-25.351959	-0.911142
-0.004168	-0.302003	-55.022578	
0.42250	-8.922465	-25.351959	-0.911142
-0.004168	-0.904580	-72.324333	
0.56333	-8.922465	-25.351959	-0.911142
-0.004168	-1.507158	-108.215907	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.154067	86.068310	1.883320
0.004312	1.180953	86.219796	
0.14083	3.154067	86.068310	1.883320
0.004312	0.402547	75.128840	
0.28167	3.154067	86.068310	1.883320
0.004312	0.195984	67.456263	
0.42250	3.154067	86.068310	1.883320
0.004312	0.589967	73.186987	
0.56333	3.154067	86.068310	1.883320
0.004312	0.983869	86.579994	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.532201	-35.178030	-0.939494
-0.003877	-0.591739	-22.246655	
0.14083	-8.532201	-35.178030	-0.939494
-0.003877	-0.197757	-36.137025	
0.28167	-8.532201	-35.178030	-0.939494
-0.003877	-0.395288	-50.619626	
0.42250	-8.532201	-35.178030	-0.939494
-0.003877	-1.184908	-68.265040	
0.56333	-8.532201	-35.178030	-0.939494
-0.003877	-1.974528	-98.193404	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.316013	73.974306	2.018697
0.003579	1.269215	75.332336	
0.14083	5.316013	73.974306	2.018697
0.003579	0.429638	72.236570	
0.28167	5.316013	73.974306	2.018697
0.003579	0.207906	72.393227	
0.42250	5.316013	73.974306	2.018697
0.003579	0.625846	83.834724	
0.56333	5.316013	73.974306	2.018697
0.003579	1.043718	101.700278	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4035

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.419933	-45.735933	-0.996665
-0.004136	-0.627771	-34.512462	
0.14083	-7.419933	-45.735933	-0.996665
-0.004136	-0.209825	-41.020990	
0.28167	-7.419933	-45.735933	-0.996665
-0.004136	-0.423546	-48.615916	
0.42250	-7.419933	-45.735933	-0.996665
-0.004136	-1.269924	-61.987233	
0.56333	-7.419933	-45.735933	-0.996665
-0.004136	-2.116304	-86.789468	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.276064	5.047295	0.980482
2.14E-06	0.616917	5.797662	
0.14083	6.276064	5.047295	0.980482
2.14E-06	0.204799	16.105018	
0.28167	6.276064	5.047295	0.980482
2.14E-06	0.098444	28.624135	
0.42250	6.276064	5.047295	0.980482
2.14E-06	0.295242	41.956910	
0.56333	6.276064	5.047295	0.980482
2.14E-06	0.492066	55.325574	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.643297	-32.306925	-0.469592
-0.001535	-0.295441	-10.360597	
0.14083	-0.643297	-32.306925	-0.469592
-0.001535	-0.098643	-6.854380	
0.28167	-0.643297	-32.306925	-0.469592
-0.001535	-0.205691	-8.126314	
0.42250	-0.643297	-32.306925	-0.469592
-0.001535	-0.617818	-10.108475	
0.56333	-0.643297	-32.306925	-0.469592
-0.001535	-1.028147	-12.109748	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.289407	8.533021	1.822058
5.32E-05	1.146219	14.001358	
0.14083	9.289407	8.533021	1.822058
5.32E-05	0.381448	31.872850	
0.28167	9.289407	8.533021	1.822058
5.32E-05	0.163498	52.270109	
0.42250	9.289407	8.533021	1.822058
5.32E-05	0.491224	74.486134	
0.56333	9.289407	8.533021	1.822058
5.32E-05	0.819033	97.647666	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.377535	-58.688660	-0.781996
-0.002823	-0.492335	-28.793173	
0.14083	-1.377535	-58.688660	-0.781996
-0.002823	-0.164772	-21.088156	
0.28167	-1.377535	-58.688660	-0.781996
-0.002823	-0.381449	-19.331665	
0.42250	-1.377535	-58.688660	-0.781996
-0.002823	-1.146359	-19.561041	
0.56333	-1.377535	-58.688660	-0.781996
-0.002823	-1.909779	-20.915383	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.263387	20.446472	2.475821
1.08E-05	1.556072	44.033114	
0.14083	9.263387	20.446472	2.475821
1.08E-05	0.517191	60.715362	
0.28167	9.263387	20.446472	2.475821
1.08E-05	0.190800	81.064684	
0.42250	9.263387	20.446472	2.475821
1.08E-05	0.575066	104.062733	
0.56333	9.263387	20.446472	2.475821
1.08E-05	0.959480	128.281104	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4036

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.382626	-61.613744	-0.916334
-0.003201	-0.576433	-21.871839	
0.14083	-2.382626	-61.613744	-0.916334
-0.003201	-0.192209	-15.945801	
0.28167	-2.382626	-61.613744	-0.916334
-0.003201	-0.518727	-15.134765	
0.42250	-2.382626	-61.613744	-0.916334
-0.003201	-1.557497	-20.293557	
0.56333	-2.382626	-61.613744	-0.916334
-0.003201	-2.594663	-26.819646	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.267580	52.564603	2.949346
0.001878	1.855344	88.986589	
0.14083	9.267580	52.564603	2.949346
0.001878	0.623888	100.710916	
0.28167	9.267580	52.564603	2.949346
0.001878	0.249504	115.721824	
0.42250	9.267580	52.564603	2.949346
0.001878	0.752801	140.298411	
0.56333	9.267580	52.564603	2.949346
0.001878	1.255964	169.341611	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.990677	-76.892687	-1.200075
-0.004692	-0.756000	-19.739894	
0.14083	-4.990677	-76.892687	-1.200075
-0.004692	-0.254221	-51.139100	
0.28167	-4.990677	-76.892687	-1.200075
-0.004692	-0.616550	-21.221589	
0.42250	-4.990677	-76.892687	-1.200075
-0.004692	-1.853113	-29.324800	
0.56333	-4.990677	-76.892687	-1.200075
-0.004692	-3.088857	-47.777441	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.653203	2.349281	0.962253
5.00E-06	0.605081	12.801858	
0.14083	2.653203	2.349281	0.962253
5.00E-06	0.201650	20.980322	
0.28167	2.653203	2.349281	0.962253
5.00E-06	0.064980	29.537286	
0.42250	2.653203	2.349281	0.962253
5.00E-06	0.195848	38.169846	
0.56333	2.653203	2.349281	0.962253
5.00E-06	0.327077	47.309400	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.994632	-24.199296	-0.312888
-0.001281	-0.197083	-16.662234	
0.14083	-0.994632	-24.199296	-0.312888
-0.001281	-0.066231	-14.019457	
0.28167	-0.994632	-24.199296	-0.312888
-0.001281	-0.201180	-12.036315	
0.42250	-0.994632	-24.199296	-0.312888
-0.001281	-0.604604	-10.116658	
0.56333	-0.994632	-24.199296	-0.312888
-0.001281	-1.008024	-8.696985	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.472110	55.214540	1.907597
0.001944	1.201289	98.286314	
0.14083	3.472110	55.214540	1.907597
0.001944	0.410060	88.806801	
0.28167	3.472110	55.214540	1.907597
0.001944	0.124289	80.988671	
0.42250	3.472110	55.214540	1.907597
0.001944	0.376945	85.536563	
0.56333	3.472110	55.214540	1.907597
0.001944	0.630122	96.436572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4037

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.271486	-36.035342	-0.603149
-0.004803	-0.380269	-9.726966	
0.14083	-4.271486	-36.035342	-0.603149
-0.004803	-0.134051	-7.886345	
0.28167	-4.271486	-36.035342	-0.603149
-0.004803	-0.397201	-7.322172	
0.42250	-4.271486	-36.035342	-0.603149
-0.004803	-1.196192	-10.380457	
0.56333	-4.271486	-36.035342	-0.603149
-0.004803	-1.995488	-28.689279	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.552881	53.320229	2.521292
0.001759	1.587187	93.311656	
0.14083	7.552881	53.320229	2.521292
0.001759	0.537485	92.847586	
0.28167	7.552881	53.320229	2.521292
0.001759	0.186702	95.240248	
0.42250	7.552881	53.320229	2.521292
0.001759	0.563899	109.718715	
0.56333	7.552881	53.320229	2.521292
0.001759	0.941631	130.481134	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.394914	-58.534713	-0.900316
-0.005556	-0.567216	-19.432879	
0.14083	-4.394914	-58.534713	-0.900316
-0.005556	-0.192286	-14.605082	
0.28167	-4.394914	-58.534713	-0.900316
-0.005556	-0.526110	-12.402673	
0.42250	-4.394914	-58.534713	-0.900316
-0.005556	-1.528835	-16.233677	
0.56333	-4.394914	-58.534713	-0.900316
-0.005556	-2.639205	-34.362347	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.622115	56.731785	3.120563
0.002314	1.962764	77.442597	
0.14083	7.622115	56.731785	3.120563
0.002314	0.659179	88.518964	
0.28167	7.622115	56.731785	3.120563
0.002314	0.271550	102.800167	
0.42250	7.622115	56.731785	3.120563
0.002314	0.820215	124.932197	
0.56333	7.622115	56.731785	3.120563
0.002314	1.368562	151.232528	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.040694	-69.014453	-1.307611
-0.003995	-0.823784	-23.262492	
0.14083	-6.040694	-69.014453	-1.307611
-0.003995	-0.276498	-27.541449	
0.28167	-6.040694	-69.014453	-1.307611
-0.003995	-0.652513	-33.941245	
0.42250	-6.040694	-69.014453	-1.307611
-0.003995	-1.960366	-45.739974	
0.56333	-6.040694	-69.014453	-1.307611
-0.003995	-3.267991	-66.539440	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.710023	42.167710	1.653627
0.002415	1.040013	3.619955	
0.14083	0.710023	42.167710	1.653627
0.002415	0.344793	44.458128	
0.28167	0.710023	42.167710	1.653627
0.002415	0.195457	6.427815	
0.42250	0.710023	42.167710	1.653627
0.002415	0.590372	8.009890	
0.56333	0.710023	42.167710	1.653627
0.002415	0.984092	9.689157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4038

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.534416	-4.788764	-0.939838
-1.86E-05	-0.592506	-34.108262	
0.14083	-5.534416	-4.788764	-0.939838
-1.86E-05	-0.197586	-50.437783	
0.28167	-5.534416	-4.788764	-0.939838
-1.86E-05	-0.345683	-67.335299	
0.42250	-5.534416	-4.788764	-0.939838
-1.86E-05	-1.038594	-84.549488	
0.56333	-5.534416	-4.788764	-0.939838
-1.86E-05	-1.731736	-102.019685	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.887970	107.267611	2.597968
0.005353	1.637249	99.097654	
0.14083	1.887970	107.267611	2.597968
0.005353	0.560611	76.565003	
0.28167	1.887970	107.267611	2.597968
0.005353	0.276208	55.079864	
0.42250	1.887970	107.267611	2.597968
0.005353	0.835111	50.662230	
0.56333	1.887970	107.267611	2.597968
0.005353	1.392941	55.830342	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.640737	-23.489823	-1.331494
-0.004562	-0.840541	-31.499271	
0.14083	-9.640737	-23.489823	-1.331494
-0.004562	-0.284992	-48.124422	
0.28167	-9.640737	-23.489823	-1.331494
-0.004562	-0.540423	-65.219901	
0.42250	-9.640737	-23.489823	-1.331494
-0.004562	-1.628286	-83.961663	
0.56333	-9.640737	-23.489823	-1.331494
-0.004562	-2.717407	-124.379702	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.277581	91.165597	3.124435
0.004316	1.966522	93.361536	
0.14083	3.277581	91.165597	3.124435
0.004316	0.665922	82.382895	
0.28167	3.277581	91.165597	3.124435
0.004316	0.287150	72.994828	
0.42250	3.277581	91.165597	3.124435
0.004316	0.868858	77.569149	
0.56333	3.277581	91.165597	3.124435
0.004316	1.449845	88.469548	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.170293	-34.696992	-1.385974
-0.004279	-0.873921	-29.634479	
0.14083	-9.170293	-34.696992	-1.385974
-0.004279	-0.294639	-44.901945	
0.28167	-9.170293	-34.696992	-1.385974
-0.004279	-0.651594	-61.094690	
0.42250	-9.170293	-34.696992	-1.385974
-0.004279	-1.960246	-80.033019	
0.56333	-9.170293	-34.696992	-1.385974
-0.004279	-3.269796	-114.281694	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.889799	78.612314	3.296815
0.003589	2.074891	82.187834	
0.14083	5.889799	78.612314	3.296815
0.003589	0.700066	79.863124	
0.28167	5.889799	78.612314	3.296815
0.003589	0.298928	79.706128	
0.42250	5.889799	78.612314	3.296815
0.003589	0.903302	91.544481	
0.56333	5.889799	78.612314	3.296815
0.003589	1.507091	109.835025	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4039

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.198369	-51.620953	-1.440362
-0.004594	-0.907996	-38.070359	
0.14083	-8.198369	-51.620953	-1.440362
-0.004594	-0.305616	-47.112506	
0.28167	-8.198369	-51.620953	-1.440362
-0.004594	-0.688151	-58.323125	
0.42250	-8.198369	-51.620953	-1.440362
-0.004594	-2.069463	-73.355147	
0.56333	-8.198369	-51.620953	-1.440362
-0.004594	-3.451179	-102.274297	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.633994	101.431515	2.018697
0.005597	1.269215	100.579046	
0.14083	8.633994	101.431515	2.018697
0.005597	0.429638	104.013602	
0.28167	8.633994	101.431515	2.018697
0.005597	0.207906	115.773641	
0.42250	8.633994	101.431515	2.018697
0.005597	0.625846	138.925804	
0.56333	8.633994	101.431515	2.018697
0.005597	1.043718	167.861903	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-8.922465	-71.277316	-0.996665
-0.005529	-0.627771	-34.512462	
0.14083	-8.922465	-71.277316	-0.996665
-0.005529	-0.209825	-41.020990	
0.28167	-8.922465	-71.277316	-0.996665
-0.005529	-0.423546	-55.022578	
0.42250	-8.922465	-71.277316	-0.996665
-0.005529	-1.269924	-74.324333	
0.56333	-8.922465	-71.277316	-0.996665
-0.005529	-2.116304	-108.215907	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.289407	107.267611	3.296815
0.005353	2.074891	99.097654	
0.14083	9.289407	107.267611	3.296815
0.005353	0.700066	100.710916	
0.28167	9.289407	107.267611	3.296815
0.005353	0.298928	115.721824	
0.42250	9.289407	107.267611	3.296815
0.005353	0.903302	140.298411	
0.56333	9.289407	107.267611	3.296815
0.005353	1.507091	169.341611	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.640737	-76.892687	-1.440362
-0.005556	-0.907996	-38.070359	
0.14083	-9.640737	-76.892687	-1.440362
-0.005556	-0.305616	-50.437783	
0.28167	-9.640737	-76.892687	-1.440362
-0.005556	-0.688151	-67.335299	
0.42250	-9.640737	-76.892687	-1.440362
-0.005556	-2.069463	-84.549488	
0.56333	-9.640737	-76.892687	-1.440362
-0.005556	-3.451179	-124.379702	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.289407	107.267611	3.296815
0.005597	2.074891	100.579046	
0.14083	9.289407	107.267611	3.296815
0.005597	0.700066	101.613602	
0.28167	9.289407	107.267611	3.296815
0.005597	0.298928	115.773641	
0.42250	9.289407	107.267611	3.296815
0.005597	0.903302	140.298411	
0.56333	9.289407	107.267611	3.296815
0.005597	1.507091	169.341611	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4040

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.640737	-76.892687	-1.440362
-0.005556	-0.907996	-38.070359	
0.14083	-9.640737	-76.892687	-1.440362
-0.005556	-0.305616	-50.437783	
0.28167	-9.640737	-76.892687	-1.440362
-0.005556	-0.688151	-67.335299	
0.42250	-9.640737	-76.892687	-1.440362
-0.005556	-2.069463	-84.549488	
0.56333	-9.640737	-76.892687	-1.440362
-0.005556	-3.451179	-124.379702	

COMB DESIGN ---------- MAX

REL DIST	T	V2 M2	V3 M3
0.00000	9.289407	107.267611	3.296815
0.005597	2.074891	100.579046	
0.14083	9.289407	107.267611	3.296815
0.005597	0.700066	104.013602	
0.28167	9.289407	107.267611	3.296815
0.005597	0.298928	115.773641	
0.42250	9.289407	107.267611	3.296815
0.005597	0.903302	140.298411	
0.56333	9.289407	107.267611	3.296815
0.005597	1.507091	169.341611	

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-9.640737	-76.892687	-1.440362	
-0.005556	-0.907996	-38.070359		
0.14083	-9.640737	-76.892687	-1.440362	
-0.005556	-0.305616	-50.437783		
0.28167	-9.640737	-76.892687	-1.440362	
-0.005556	-0.688151	-67.335299		
0.42250	-9.640737	-76.892687	-1.440362	
-0.005556	-2.069463	-84.549488		
0.56333	-9.640737	-76.892687	-1.440362	
-0.005556	-3.451179	-124.379702		

ELEM 388 ========== LENGTH = 2.978100

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	5.303929	10.719406	0.501660	
9.39E-06	0.575309	15.076597		
0.57739	5.303929	10.719406	0.501660	
9.39E-06	0.364851	10.596944		
0.71826	5.303929	10.719406	0.501660	
9.39E-06	0.154398	6.123751		
0.85913	5.303929	10.719406	0.501660	
9.39E-06	0.053827	2.849393		
1.00000	5.303929	10.719406	0.501660	
9.39E-06	0.157372	10.563059		

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-0.926566	-82.200550	-0.294330	
-0.001868	-0.336542	-129.726192		
0.57739	-0.926566	-82.200550	-0.294330	
-0.001868	-0.213063	-95.424269		
0.71826	-0.926566	-82.200550	-0.294330	
-0.001868	-0.089572	-61.276068		
0.85913	-0.926566	-82.200550	-0.294330	
-0.001868	-0.056173	-27.544616		
1.00000	-0.926566	-82.200550	-0.294330	
-0.001868	-0.266620	-3.884245		

COMB DB-G1-2 ---------- MAX

REL DIST	T	V2 M2	V3 M3	
0.43652	13.641234	16.207130	1.013030	
0.000209	1.159401	22.925717		
0.57739	13.641234	16.207130	1.013030	
0.000209	0.734404	16.154719		
0.71826	13.641234	16.207130	1.013030	
0.000209	0.309540	9.454290		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4041

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
0.85913	13.641234	16.207130	1.013030	
0.000209	0.054734	4.662002		
1.00000	13.641234	16.207130	1.013030	
0.000209	0.256107	19.882885		

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-0.642862	-146.812246	-0.479846	
-0.003241	-0.549111	-235.447348		
0.57739	-0.642862	-146.812246	-0.479846	
-0.003241	-0.347788	-175.332752		
0.71826	-0.642862	-146.812246	-0.479846	
-0.003241	-0.146476	-118.863244		
0.85913	-0.642862	-146.812246	-0.479846	
-0.003241	-0.116178	-65.797982		
1.00000	-0.642862	-146.812246	-0.479846	
-0.003241	-0.540656	-23.706151		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	15.401915	14.426859	1.433049	
3.87E-05	1.640903	20.289176		
0.57739	15.401915	14.426859	1.433049	
3.87E-05	1.039735	14.583230		
0.71826	15.401915	14.426859	1.433049	
3.87E-05	0.438618	8.884344		
0.85913	15.401915	14.426859	1.433049	
3.87E-05	0.061931	3.954573		
1.00000	15.401915	14.426859	1.433049	
3.87E-05	0.290418	36.701392		

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-0.636737	-168.650764	-0.544340	
-0.003253	-0.823035	-251.273442		
0.57739	-0.636737	-168.650764	-0.544340	
-0.003253	-0.394665	-180.825583		
0.71826	-0.636737	-168.650764	-0.544340	
-0.003253	-0.166208	-112.522890		
0.85913	-0.636737	-168.650764	-0.544340	
-0.003253	-0.163134	-47.294305		
1.00000	-0.636737	-168.650764	-0.544340	
-0.003253	-0.764021	-13.587631		

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	15.082438	46.193109	1.624659	
0.003080	1.861140	75.584220		
0.57739	15.082438	46.193109	1.624659	
0.003080	1.179562	56.956324		
0.71826	15.082438	46.193109	1.624659	
0.003080	0.498090	39.654582		
0.85913	15.082438	46.193109	1.624659	
0.003080	0.080156	40.611853		
1.00000	15.082438	46.193109	1.624659	
0.003080	0.376523	88.350162		

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-4.690172	-198.819391	-0.705846	
-0.003952	-0.807954	-257.213184		
0.57739	-4.690172	-198.819391	-0.705846	
-0.003952	-0.511829	-175.050744		
0.71826	-4.690172	-198.819391	-0.705846	
-0.003952	-0.215614	-99.303432		
0.85913	-4.690172	-198.819391	-0.705846	
-0.003952	-0.184150	-40.266666		
1.00000	-4.690172	-198.819391	-0.705846	
-0.003952	-0.865310	-15.126214		

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	9.031640	4.329543	0.612453	
0.000128	0.700042	6.073440		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4042

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
0.57739	9.031640	4.329543	0.612453	
0.000128	0.443107	4.262616		
0.71826	9.031640	4.329543	0.612453	
0.000128	0.186244	2.456986		
0.85913	9.031640	4.329543	0.612453	
0.000128	0.019081	1.493549		
1.00000	9.031640	4.329543	0.612453	
0.000128	0.091507	11.011421		

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-0.231424	-66.284298	-0.172508	
-0.001283	-0.197974	-104.078532		
0.57739	-0.231424	-66.284298	-0.172508	
-0.001283	-0.125595	-76.765890		
0.71826	-0.231424	-66.284298	-0.172508	
-0.001283	-0.053229	-66.134004		
0.85913	-0.231424	-66.284298	-0.172508	
-0.001283	-0.071465	-38.266894		
1.00000	-0.231424	-66.284298	-0.172508	
-0.001283	-0.327848	-21.543525		

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	12.393902	8.796195	1.170015	
0.003112	1.339216	17.868553		
0.57739	12.393902	8.796195	1.170015	
0.003112	0.848369	14.922902		
0.71826	12.393902	8.796195	1.170015	
0.003112	0.357631	13.639063		
0.85913	12.393902	8.796195	1.170015	
0.003112	0.039019	34.988881		
1.00000	12.393902	8.796195	1.170015	
0.003112	0.184679	82.878904		

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.408338	-141.102688	-0.346900	
-0.002891	-0.397448	-159.042894		
0.57739	-1.408338	-141.102688	-0.346900	
-0.002891	-0.251909	-101.373789		
0.71826	-1.408338	-141.102688	-0.346900	
-0.002891	-0.106289	-52.404283		
0.85913	-1.408338	-141.102688	-0.346900	
-0.002891	-0.133930	-19.752561		
1.00000	-1.408338	-141.102688	-0.346900	
-0.002891	-0.624287	-11.739131		

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	16.592753	15.803165	1.488932	
0.002805	1.554409	21.178183		
0.57739	16.592753	15.803165	1.488932	
0.002805	1.079763	21.191785		
0.71826	16.592753	15.803165	1.488932	
0.002805	0.455205	16.765288		
0.85913	16.592753	15.803165	1.488932	
0.002805	0.060609	33.190958		
1.00000	16.592753	15.803165	1.488932	
0.002805	0.285061	82.521984		

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.554409	-192.953908	-0.534647	
-0.004060	-0.612126	-248.552466		
0.57739	-1.554409	-192.953908	-0.534647	
-0.004060	-0.387823	-169.162016		
0.71826	-1.554409	-192.953908	-0.534647	
-0.004060	-0.163432	-97.421575		
0.85913	-1.554409	-192.953908	-0.534647	
-0.004060	-0.170162	-40.946048		
1.00000	-1.554409	-192.953908	-0.534647	
-0.004060	-0.794311	-14.993382		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4043

FRAME ELEMENT INTERNAL FORCES

REL DIST	T	P M2	V2 M3	V3
0.43652	14.109016	74.611886	1.682368	
0.003305	1.927466	116.263468		
0.57739	14.109016	74.611886	1.682368	
0.003305	1.327171	85.507993		
0.71826	14.109016	74.611886	1.682368	
0.003305	0.516029	55.881071		
0.85913	14.109016	74.611886	1.682368	
0.003305	0.086389	40.738746		
1.00000	14.109016	74.611886	1.682368	
0.003305	0.406164	74.186013		

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	-7.480822	-170.766281	-0.761803	
-0.003270	-0.872211	-221.669413		
0.57739	-7.480822	-170.766281	-0.761803	
-0.003270	-0.552609	-150.507923		
0.71826	-7.480822	-170.766281	-0.761803	
-0.003270	-0.232917	-85.310960		
0.85913	-7.480822	-170.766281	-0.761803	
-0.003270	-0.190472	-34.974904		
1.00000	-7.480822	-170.766281	-0.761803	
-0.003270	-0.895863	-22.923552		

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	0.397960	121.892956	0.684349	
0.002462	0.786908	175.541229		
0.57739	0.397960	121.892956	0.684349	
0.002462	0.499807	124.506823		
0.71826	0.397960	121.892956	0.684349	
0.002462	0.212802	73.510933		
0.85913	0.397960	121.892956	0.684349	
0.002462	0.080863	22.546467		
1.00000	0.397960	121.892956	0.684349	
0.002462	0.286525	3.381332		

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-11.473960	-9.315687	-0.537582	
-8.78E-06	-0.615591	-12.679661		
0.57739	-11.473960	-9.315687	-0.537582	
-8.78E-06	-0.390062	-8.838484		
0.71826	-11.473960	-9.315687	-0.537582	
-8.78E-06	-0.164481	-5.215905		
0.85913	-11.473960	-9.315687	-0.537582	
-8.78E-06	-0.074625	-1.654227		
1.00000	-11.473960	-9.315687	-0.537582	
-8.78E-06	-0.361607	-29.841137		

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	3.487242	141.509839	1.185733	
0.006500	1.361633	220.212056		
0.57739	3.487242	141.509839	1.185733	
0.006500	0.864188	162.433206		
0.71826	3.487242	141.509839	1.185733	
0.006500	0.366795	106.924231		
0.85913	3.487242	141.509839	1.185733	
0.006500	0.086733	78.962605		
1.00000	3.487242	141.509839	1.185733	
0.006500	0.408090	82.123143		

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-14.767299	-83.522094	-0.765582	
-0.001898	-0.876633	-64.764031		
0.57739	-14.767299	-83.522094	-0.765582	
-0.001898	-0.555452	-31.524012		
0.71826	-14.767299	-83.522094	-0.765582	
-0.001898	-0.234195	-8.211535		
0.85913	-14.767299	-83.522094	-0.765582	
-0.001898	-0.131195	-3.027474		
1.00000	-14.767299	-83.522094	-0.765582	
-0.001898	-0.628323	-29.645281		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4044

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	8.575540	123.929274	1.590039	
0.005031	1.823947	185.096833		
0.57739	8.575540	123.929274	1.590039	
0.005031	1.156886	133.703026		
0.71826	8.575540	123.929274	1.590039	
0.005031	0.489914	83.790512		
0.85913	8.575540	123.929274	1.590039	
0.005031	0.089311	52.709942		
1.00000	8.575540	123.929274	1.590039	
0.005031	0.420930	70.876902		

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-12.434155	-112.450789	-0.789964	
-0.002086	-0.904708	-120.215752		
0.57739	-12.434155	-112.450789	-0.789964	
-0.002086	-0.573298	-74.190017		
0.71826	-12.434155	-112.450789	-0.789964	
-0.002086	-0.241761	-33.628448		
0.85913	-12.434155	-112.450789	-0.789964	
-0.002086	-0.177830	-5.328977		
1.00000	-12.434155	-112.450789	-0.789964	
-0.002086	-0.844567	-27.743262		

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	13.186296	108.971463	1.724276	
0.004203	1.976322	162.200311		
0.57739	13.186296	108.971463	1.724276	
0.004203	1.252945	117.019420		
0.71826	13.186296	108.971463	1.724276	
0.004203	0.529700	73.004658		
0.85913	13.186296	108.971463	1.724276	
0.004203	0.094400	44.966911		
1.00000	13.186296	108.971463	1.724276	
0.004203	0.444439	65.118074		

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-10.575027	-148.497463	-0.833894	
-0.002919	-0.954915	-189.958799		
0.57739	-10.575027	-148.497463	-0.833894	
-0.002919	-0.605071	-128.886359		
0.71826	-10.575027	-148.497463	-0.833894	
-0.002919	-0.255130	-74.026968		
0.85913	-10.575027	-148.497463	-0.833894	
-0.002919	-0.194559	-31.397436		
1.00000	-10.575027	-148.497463	-0.833894	
-0.002919	-0.917412	-35.656351		

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	5.791564	13.212655	0.803372	
6.68E-06	0.584002	14.326152		
0.57739	5.791564	13.212655	0.803372	
6.68E-06	0.584002	14.326152		
0.71826	5.791564	13.212655	0.803372	
6.68E-06	0.246012	9.419348		
0.85913	5.791564	13.212655	0.803372	
6.68E-06	0.044519	5.428298		
1.00000	5.791564	13.212655	0.803372	
6.68E-06	0.207506	14.610244		

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.225638	-104.258981	-0.388074	
-0.002121	-0.443818	-164.089353		
0.57739	-1.225636	-104.258951	-0.388074	
-0.002121	-0.281004	-120.473610		
0.71826	-1.225636	-104.258951	-0.388074	
-0.002121	-0.118216	-76.988873		
0.85913	-1.225636	-104.258951	-0.388074	
-0.002121	-0.090285	-34.009811		
1.00000	-1.225636	-104.258951	-0.388074	
-0.002121	-0.428130	-5.601746		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4045

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	14.703502	19.825134	1.574696	
0.000145	1.800702	29.836295		
0.57739	14.703502	19.825134	1.574696	
0.000145	1.140682	21.588217		
0.71826	14.703502	19.825134	1.574696	
0.000145	0.479282	13.516555		
0.85913	14.703502	19.825134	1.574696	
0.000145	0.073469	6.760225		
1.00000	14.703502	19.825134	1.574696	
0.000145	0.343488	24.546022		

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.058277	-184.774638	-0.643793	
-0.003615	-0.736797	-297.302581		
0.57739	-1.058277	-184.774638	-0.643793	
-0.003615	-0.466722	-220.777593		
0.71826	-1.058277	-184.774638	-0.643793	
-0.003615	-0.196686	-146.398567		
0.85913	-1.058277	-184.774638	-0.643793	
-0.003615	-0.180358	-74.233733		
1.00000	-1.058277	-184.774638	-0.643793	
-0.003615	-0.841433	-22.915810		

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	16.524774	19.274176	2.161096	
5.28E-05	2.470499	31.557282		
0.57739	16.524774	19.274176	2.161096	
5.28E-05	1.564820	23.582588		
0.71826	16.524774	19.274176	2.161096	
5.28E-05	0.657581	15.754973		
0.85913	16.524774	19.274176	2.161096	
5.28E-05	0.085632	9.311255		
1.00000	16.524774	19.274176	2.161096	
5.28E-05	0.404332	45.365154		

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.252590	-206.410956	-0.759720	
-0.003467	-0.869581	-310.546997		
0.57739	-1.252590	-206.410956	-0.759720	
-0.003467	-0.550687	-224.273333		
0.71826	-1.252590	-206.410956	-0.759720	
-0.003467	-0.231606	-139.490293		
0.85913	-1.252590	-206.410956	-0.759720	
-0.003467	-0.246963	-57.660321		
1.00000	-1.252590	-206.410956	-0.759720	
-0.003467	-1.154114	-15.961863		

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	15.843881	55.456053	2.529120	
0.002693	2.893639	94.605128		
0.57739	15.843881	55.456053	2.529120	
0.002693	1.833546	71.857623		
0.71826	15.843881	55.456053	2.529120	
0.002693	0.772389	50.589257		
0.85913	15.843881	55.456053	2.529120	
0.002693	0.113307	43.049643		
1.00000	15.843881	55.456053	2.529120	
0.002693	0.532233	83.723839		

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-5.196547	-224.657390	-0.999752	
-0.003805	-1.144690	-305.649793		
0.57739	-5.196547	-224.657390	-0.999752	
-0.003805	-0.725356	-212.050564		
0.71826	-5.196547	-224.657390	-0.999752	
-0.003805	-0.305522	-123.402265		
0.85913	-5.196547	-224.657390	-0.999752	
-0.003805	-0.288676	-49.239080		
1.00000	-5.196547	-224.657390	-0.999752	
-0.003805	-1.348198	-17.271095		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4046

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	9.455848	5.262788	0.886501	
0.000109	1.011913	8.025845		
0.57739	9.455848	5.262788	0.886501	
0.000109	0.640082	5.863348		
0.71826	9.455848	5.262788	0.886501	
0.000109	0.268295	3.747724		
0.85913	9.455848	5.262788	0.886501	
0.000109	0.028680	2.104523		
1.00000	9.455848	5.262788	0.886501	
0.000109	0.136109	12.802351		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-0.342309	-80.965373	-0.256683	
-0.001362	-0.294109	-129.724798		
0.57739	-0.342309	-80.965373	-0.256683	
-0.001362	-0.186343	-96.242597		
0.71826	-0.342309	-80.965373	-0.256683	
-0.001362	-0.078921	-67.124375		
0.85913	-0.342309	-80.965373	-0.256683	
-0.001362	-0.103278	-38.978417		
1.00000	-0.342309	-80.965373	-0.256683	
-0.001362	-0.474951	-19.406918		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	12.644602	10.425860	1.700606	
0.002627	1.942054	23.034758		
0.57739	12.644602	10.425860	1.700606	
0.002627	1.229105	19.268365		
0.71826	12.644602	10.425860	1.700606	
0.002627	0.516179	17.411582		
0.85913	12.644602	10.425860	1.700606	
0.002627	0.056847	33.355554		
1.00000	12.644602	10.425860	1.700606	
0.002627	0.266633	80.020926		

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.556395	-149.077728	-0.503175	
-0.002518	-0.576677	-179.603737		
0.57739	-1.556395	-149.077728	-0.503175	
-0.002518	-0.365501	-117.665379		
0.71826	-1.556395	-149.077728	-0.503175	
-0.002518	-0.154399	-62.533512		
0.85913	-1.556395	-149.077728	-0.503175	
-0.002518	-0.198900	-21.429610		
1.00000	-1.556395	-149.077728	-0.503175	
-0.002518	-0.909523	-10.189377		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	17.604038	19.042520	2.219074	
0.002369	2.535497	33.000766		
0.57739	17.604038	19.042520	2.219074	
0.002369	1.605485	27.775555		
0.71826	17.604038	19.042520	2.219074	
0.002369	0.674428	22.167337		
0.85913	17.604038	19.042520	2.219074	
0.002369	0.084800	33.000862		
1.00000	17.604038	19.042520	2.219074	
0.002369	0.397076	82.227895		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.43652	-1.824237	-218.309963	-0.747106	
-0.003937	-0.855689	-296.921496		
0.57739	-1.824237	-218.309963	-0.747106	
-0.003937	-0.542185	-205.968382		
0.71826	-1.824237	-218.309963	-0.747106	
-0.003937	-0.228706	-120.974399		
0.85913	-1.824237	-218.309963	-0.747106	
-0.003937	-0.257617	-49.110688		
1.00000	-1.824237	-218.309963	-0.747106	
-0.003937	-1.186287	-15.086142		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4047

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.43652	15.106010	89.919346	2.678111	
0.003142	3.065500	142.320618		
0.57739	15.106010	89.919346	2.678111	
0.003142	1.942773	105.049373		
0.71826	15.106010	89.919346	2.678111	
0.003142	0.819285	69.016662		
0.85913	15.106010	89.919346	2.678111	

```
 0.003142    0.123246   43.733732
 1.00000    15.106010   89.919346     2.678111
 0.003142    0.580934   72.015979

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652   -8.013105 -194.604608   -1.091500
-0.003137   -1.249945 -265.832176
0.57739   -8.013105 -194.604608   -1.091500
-0.003137   -0.792100 -184.680723
0.71826   -8.013105 -194.604608   -1.091500
-0.003137   -0.333719 -107.432605
0.85913   -8.013105 -194.604608   -1.091500
-0.003137   -0.304033   -42.028146
1.00000   -8.013105 -194.604608   -1.091500
-0.003137   -1.425818   -24.721840

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    0.589485  152.212160    1.336721
 0.002903   1.537160  218.159424
0.57739    0.589485  152.212160    1.336721
 0.002903   0.976503  154.347665
0.71826    0.589485  152.212160    1.336721
 0.002903   0.416130   90.624072
0.85913    0.589485  152.212160    1.336721
 0.002903   0.088758   26.983566
1.00000    0.589485  152.212160    1.336721
 0.002903   0.420850    3.956276

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -12.359068  -11.408330   -0.789615
-7.07E-06   -0.904249   -16.149034
0.57739  -12.359008  -11.408330   -0.789615
-7.07E-06   -0.573312   -11.440907
0.71826  -12.359008  -11.408330   -0.789615
-7.07E-06   -0.241494    -6.923387
0.85913  -12.359008  -11.408330   -0.789615
-7.07E-06   -0.144181    -3.118436
1.00000  -12.359008  -11.408330   -0.789615
-7.07E-06   -0.704371   -38.616622

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    3.862374  171.861293    2.129929
 0.006716   2.444365  264.922605
0.57739    3.862374  171.861293    2.129929
 0.006716   1.551212  193.738380
0.71826    3.862374  171.861293    2.129929
 0.006716   0.658693  125.903407
0.85913    3.862374  171.861293    2.129929
 0.006716   0.127349   83.588092
1.00000    3.862374  171.861293    2.129929
 0.006716   0.595990   81.452727

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -15.478095  -86.125814   -1.118393
-0.001761   -1.281063   -71.789657
0.57739  -15.478095  -86.125814   -1.118393
-0.001761   -0.812542   -36.670448
0.71826  -15.478095  -86.125814   -1.118393
-0.001761   -0.342796   -1.706482
0.85913  -15.478095  -86.125814   -1.118393
-0.001761   -0.238616    -4.053636
1.00000  -15.478095  -86.125814   -1.118393
-0.001761   -1.127691   -37.908293
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4048

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652    9.248290  152.679564    2.637760
 0.005382   3.022855  229.380773
0.57739    9.248290  152.679564    2.637760
 0.005382   1.916954  165.848106
0.71826    9.248290  152.679564    2.637760
 0.005382   0.811332  104.378920
0.85913    9.248290  152.679564    2.637760
 0.005382   0.331055   60.995551
1.00000    9.248290  152.679564    2.637760
 0.005382   0.618152   76.167552

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -13.380468 -124.735921   -1.162657
-0.001952   -1.331888 -139.556954
0.57739  -13.380468 -124.735921   -1.162657
-0.001952   -0.844406   -87.726859
0.71826  -13.380468 -124.735921   -1.162657
-0.001952   -0.355854   -41.563828
0.85913  -13.380468 -124.735921   -1.162657
-0.001952   -0.296986    -9.712132
1.00000  -13.380468 -124.735921   -1.162657
-0.001952   -1.400101   -36.603080

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652   14.372755  134.176852    2.816660
 0.004495   3.225634  201.533515
0.57739   14.372755  134.176852    2.816660
 0.004495   2.044804  145.705908
0.71826   14.372755  134.176852    2.816660
 0.004495   0.863698   91.618836
0.85913   14.372755  134.176852    2.816660
 0.004495   0.135948   52.831734
1.00000   14.372755  134.176852    2.816660
 0.004495   0.640233   71.244369

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -11.463518 -173.869743   -1.203379
-0.002978   -1.378338 -231.673017
0.57739  -11.463518 -173.869743   -1.203379
-0.002978   -0.873771 -159.098613
0.71826  -11.463518 -173.869743   -1.203379
-0.002978   -0.368303   -92.414511
0.85913  -11.463518 -173.869743   -1.203379
-0.002978   -0.318997   -38.267016
1.00000  -11.463518 -173.869743   -1.203379
-0.002978   -1.498013   -41.112909

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652   16.592753  141.509839    1.724276
 0.006500   1.976322  220.212056
0.57739   16.592753  141.509839    1.724276
 0.006500   1.252945  162.433206
0.71826   16.592753  141.509839    1.724276
 0.006500   0.529700  106.924231
0.85913   16.592753  141.509839    1.724276
 0.006500   0.094400   76.962605
1.00000   16.592753  141.509839    1.724276
 0.006500   0.444439   88.350162

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -14.767299 -198.819391   -0.833894
-0.004060   -0.954915 -257.213184
0.57739  -14.767299 -198.819391   -0.833894
-0.004060   -0.605071 -180.825583
 0.71826  -14.767299 -198.819391   -0.833894
-0.004060   -0.255130 -118.863244
0.85913  -14.767299 -198.819391   -0.833894
-0.004060   -0.194559   -65.797982
1.00000  -14.767299 -198.819391   -0.833894
-0.004060   -0.917412   -35.656351
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4049

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652   17.604038  171.861293    2.816660
 0.006716   3.225634  264.922605
0.57739   17.604038  171.861293    2.816660
 0.006716   2.044804  193.738380
0.71826   17.604038  171.861293    2.816660
 0.006716   0.863698  125.903407
0.85913   17.604038  171.861293    2.816660
 0.006716   0.135948   83.588092
1.00000   17.604038  171.861293    2.816660
 0.006716   0.640233   83.723839

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -15.478095 -224.657390   -1.203379
-0.003937   -1.378338 -310.546997
0.57739  -15.478095 -224.657390   -1.203379
-0.003937   -0.873771 -224.273333
0.71826  -15.478095 -224.657390   -1.203379
-0.003937   -0.368303 -146.398567
0.85913  -15.478095 -224.657390   -1.203379
-0.003937   -0.318997   -74.233733
1.00000  -15.478095 -224.657390   -1.203379
-0.003937   -1.498013   -41.112909

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652   17.604038  171.861293    2.816660
 0.006716   3.225634  264.922605
0.57739   17.604038  171.861293    2.816660
 0.006716   2.044804  193.738380
0.71826   17.604038  171.861293    2.816660
 0.006716   0.863698  125.903407
0.85913   17.604038  171.861293    2.816660
 0.006716   0.135948   83.588092
1.00000   17.604038  171.861293    2.816660
 0.006716   0.640233   88.350162

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -15.478095 -224.657390   -1.203379
-0.004060   -1.378338 -310.546997
0.57739  -15.478095 -224.657390   -1.203379
-0.004060   -0.873771 -224.273333
0.71826  -15.478095 -224.657390   -1.203379
-0.004060   -0.368303 -146.398567
0.85913  -15.478095 -224.657390   -1.203379
-0.004060   -0.318997   -74.233733
1.00000  -15.478095 -224.657390   -1.203379
-0.004060   -1.498013   -41.112909

COMB       DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.43652   17.604038  171.861293    2.816660
 0.006716   3.225634  264.922605
0.57739   17.604038  171.861293    2.816660
 0.006716   2.044804  193.738380
0.71826   17.604038  171.861293    2.816660
 0.006716   0.863698  125.903407
0.85913   17.604038  171.861293    2.816660
 0.006716   0.135948   83.588092
1.00000   17.604038  171.861293    2.816660
 0.006716   0.640233   88.350162

COMB       DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.43652  -15.478095 -224.657390   -1.203379
-0.004060   -1.378338 -310.546997
0.57739  -15.478095 -224.657390   -1.203379
-0.004060   -0.873771 -224.273333
0.71826  -15.478095 -224.657390   -1.203379
-0.004060   -0.368303 -146.398567
0.85913  -15.478095 -224.657390   -1.203379
-0.004060   -0.318997   -74.233733
1.00000  -15.478095 -224.657390   -1.203379
-0.004060   -1.498013   -41.112909
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4050

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      389 ================== LENGTH
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COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    4.931343   10.683549    0.512639
 2.50E-06   0.272196   10.561493
0.14084    4.931343   10.683549    0.512639
 2.50E-06   0.057251   43.566004
0.28168    4.931343   10.683549    0.512639
 2.50E-06   0.091342   77.558809
0.42252    4.931343   10.683549    0.512639
 2.50E-06   0.214154  111.678479
0.56335    4.931343   10.683549    0.512639
 2.50E-06   0.336954  145.890616

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.914563  -81.665873   -0.292861
-0.001476   -0.154243   -3.884068
0.14084   -0.914563  -81.665873   -0.292861
-0.001476   -0.031386   -7.762524
0.28168   -0.914563  -81.665873   -0.292861
-0.001476   -0.157757  -11.981506
0.42252   -0.914563  -81.665873   -0.292861
-0.001476   -0.372711  -16.355794
0.56335   -0.914563  -81.665873   -0.292861
-0.001476   -0.587665  -20.809418

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   12.902771   17.081722    0.983054
 5.66E-05   0.518899   19.880325
0.14084   12.902771   17.081722    0.983054
 5.66E-05   0.106951   76.429655
0.28168   12.902771   17.081722    0.983054
 5.66E-05   0.149073  135.492166
0.42252   12.902771   17.081722    0.983054
 5.66E-05   0.350050  195.223140
0.56335   12.902771   17.081722    0.983054
 5.66E-05   0.551045  255.455226

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.739174 -144.321215   -0.479302
-0.002753   -0.252851   -23.706402
0.14084   -0.739174 -144.321215   -0.479302
-0.002753   -0.051754   -18.243150
 0.28168   -0.739174 -144.321215   -0.479302
-0.002753   -0.305653   -18.604469
0.42252   -0.739174 -144.321215   -0.479302
-0.002753   -0.717789   -24.668518
0.56335   -0.739174 -144.321215   -0.479302
-0.002753   -1.129956   -31.405288

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   14.470883  14.305309    1.391368
 2.25E-06   0.733469  36.698044
0.14084   14.470883  14.305309    1.391368
 2.25E-06   0.150113  104.229475
0.28168   14.470883  14.305309    1.391368
 2.25E-06   0.168494  173.670568
0.42252   14.470883  14.305309    1.391368
 2.25E-06   0.395574  243.540082
0.56335   14.470883  14.305309    1.391368
 2.25E-06   0.622577  313.495639

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.591570 -167.219646   -0.541353
-0.003255   -0.285396   -13.587649
0.14084   -0.591570 -167.219646   -0.541353
-0.003255   -0.058230   -13.286376
0.28168   -0.591570 -167.219646   -0.541353
-0.003255   -0.433482   -16.034477
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4051

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.42252   -0.591570 -167.219646   -0.541353
-0.003255   -1.600192   -22.005395
0.56335   -0.591570 -167.219646   -0.541353
-0.003255   -1.600192   -27.983438

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   12.817567   65.264723    1.598662
 0.001637   0.843200   88.347618
0.14084   12.817567   65.264723    1.598662
 0.001637   0.175490  143.819260
0.28168   12.817567   65.264723    1.598662
 0.001637   0.217691  203.716855
0.42252   12.817567   65.264723    1.598662
 0.001637   0.510872  265.972853
0.56335   12.817567   65.264723    1.598662
 0.001637   0.803970  335.071434

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -6.402661 -168.529733   -0.698986
-0.004875   -0.368395   -15.125679
0.14084   -6.402661 -168.529733   -0.698986
-0.004875   -0.075098   -27.376250
0.28168   -6.402661 -168.529733   -0.698986
-0.004875   -0.497630   -43.638804
0.42252   -6.402661 -168.529733   -0.698986
-0.004875   -1.167842   -62.863343
0.56335   -6.402661 -168.529733   -0.698986
-0.004875   -1.838155   -82.155725

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    8.683272   4.305706    0.566935
7.45E-06    0.297290  11.010325
0.14084    8.683272   4.305706    0.566935
7.45E-06    0.059674  36.996353
0.28168    8.683272   4.305706    0.566935
7.45E-06    0.053844  64.069845
0.42252    8.683272   4.305706    0.566935
7.45E-06    0.127120  91.400093
0.56335    8.683272   4.305706    0.566935
7.45E-06    0.200420  118.811428

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.196812  -65.621716   -0.174787
-0.001291   -0.091231   -11.544206
0.14084   -0.196812  -65.621716   -0.174787
-0.001291   -0.019352   -11.382854
0.28168   -0.196812  -65.621716   -0.174787
-0.001291   -0.178263   -5.734327
0.42252   -0.196812  -65.621716   -0.174787
-0.001291   -0.415907   -6.589145
0.56335   -0.196812  -65.621716   -0.174787
-0.001291   -0.653602   -8.377165

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    9.747497  34.641444    1.119051
 0.001456   0.588035   82.877050
0.14084    9.747497  34.641444    1.119051
 0.001456   0.122030  107.005499
0.28168    9.747497  34.641444    1.119051
 0.001456   0.106793  135.203526
0.42252    9.747497  34.641444    1.119051
 0.001456   0.250911  166.364864
0.56335    9.747497  34.641444    1.119051
 0.001456   0.394954  206.843633

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -3.437865 -100.184201   -0.343505
-0.004808   -0.181184   -11.739390
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4052

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.14084   -3.437865 -100.184201   -0.343505
-0.004808   -0.036996   -7.249634
0.28168   -3.437865 -100.184201   -0.343505
-0.004808   -0.350560   -6.976405
0.42252   -3.437865 -100.184201   -0.343505
-0.004808   -0.819688   -10.500580
0.56335   -3.437865 -100.184201   -0.343505
-0.004808   -1.288884   -14.080545

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   13.909544  39.103434    1.433471
 0.001316   0.754522   82.519210
0.14084   13.909544  39.103434    1.433471
 0.001316   0.156356  130.121725
0.28168   13.909544  39.103434    1.433471
 0.001316   0.165183  182.531011
0.42252   13.909544  39.103434    1.433471
 0.001316   0.387881  237.799283
0.56335   13.909544  39.103434    1.433471
 0.001316   0.610495  301.559576

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -3.403653 -155.583776   -0.530890
-0.005502   -0.279930   -14.994050
0.14084   -3.403653 -155.583776   -0.530890
-0.005502   -0.057144   -11.355224
0.28168   -3.403653 -155.583776   -0.530890
-0.005502   -0.447915   -15.039592
0.42252   -3.403653 -155.583776   -0.530890
-0.005502   -1.048878   -21.490434
0.56335   -3.403653 -155.583776   -0.530890
-0.005502   -1.649885   -27.988750

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   12.214356  90.359615    1.654984
 0.002026   0.872846   74.184073
0.14084   12.214356  90.359615    1.654984
 0.002026   0.181266  120.386973
0.28168   12.214356  90.359615    1.654984
 0.002026   0.234623  173.095939
0.42252   12.214356  90.359615    1.654984
 0.002026   0.550739  227.750918
0.56335   12.214356  90.359615    1.654984
 0.002026   0.866763  287.996255

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -9.008009 -146.067821   -0.753665
-0.004119   -0.397312   -22.922840
0.14084   -9.008009 -146.067821   -0.753665
-0.004119   -0.081096   -45.182437
0.28168   -9.008009 -146.067821   -0.753665
-0.004119   -0.515497   -74.044755
0.42252   -9.008009 -146.067821   -0.753665
-0.004119   -1.209346  -105.312279
0.56335   -9.008009 -146.067821   -0.753665
-0.004119   -1.903242  -136.690829

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.365521  122.736992    0.724206
 0.002216   0.082365   3.381124
0.14084    0.365521  122.736992    0.724206
 0.002216   0.082365   7.022723
0.28168    0.365521  122.736992    0.724206
 0.002216   0.164909   10.861037
0.42252    0.365521  122.736992    0.724206
 0.002216   0.387092   14.729851
0.56335    0.365521  122.736992    0.724206
 0.002216   0.609222   18.623128
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4053

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -11.971145   -9.314404   -0.529752
-2.81E-05   -0.279299   -29.838332
0.14084  -11.971145   -9.314404   -0.529752
-2.81E-05   -0.057036   -81.055144
0.28168  -11.971145   -9.314404   -0.529752
-2.81E-05   -0.222675  -132.283655
0.42252  -11.971145   -9.314404   -0.529752
-2.81E-05   -0.526180  -183.524829
0.56335  -11.971145   -9.314404   -0.529752
-2.81E-05   -0.829730  -234.974553

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.852605  173.936371    1.225273
 0.004206   0.649223   82.122779
0.14084    0.852605  173.936371    1.225273
 0.004206   0.140291   74.189907
0.28168    0.852605  173.936371    1.225273
 0.004206   0.234767   71.996507
0.42252    0.852605  173.936371    1.225273
 0.004206   0.550905   73.372184
0.56335    0.852605  173.936371    1.225273
 0.004206   0.866967   86.096664

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -17.928031  -34.755435   -0.753768
-0.003896   -0.397241   -29.124233
0.14084  -17.928031  -34.755435   -0.753768
-0.003896   -0.080994   -85.581858
0.28168  -17.928031  -34.755435   -0.753768
-0.003896   -0.376900  -142.774007
0.42252  -17.928031  -34.755435   -0.753768
-0.003896   -0.892536  -200.364740
0.56335  -17.928031  -34.755435   -0.753768
-0.003896   -1.406284  -259.957059

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    6.403359  146.343800    1.597146
 0.003378   0.843906   70.875369
0.14084    6.403359  146.343800    1.597146
 0.003378   0.177697   89.621852
0.28168    6.403359  146.343800    1.597146
 0.003378   0.242365  111.209606
0.42252    6.403359  146.343800    1.597146
 0.003378   0.568948  135.124715
0.56335    6.403359  146.343800    1.597146
 0.003378   0.895399  166.801062

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -14.647662  -78.411470   -0.778542
-0.003766   -0.410401   -27.740610
0.14084  -14.647662  -78.411470   -0.778542
-0.003766   -0.083670   -78.209677
0.28168  -14.647662  -78.411470   -0.778542
-0.003766   -0.496097  -129.607267
0.42252  -14.647662  -78.411470   -0.778542
-0.003766   -1.165636  -181.993132
0.56335  -14.647662  -78.411470   -0.778542
-0.003766   -1.835301  -234.200312

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   11.151053  127.471168    1.705694
 0.002807   0.900296   65.115880
0.14084   11.151053  127.471168    1.705694
 0.002807   0.188076  101.903666
0.28168   11.151053  127.471168    1.705694
 0.002807   0.256571  142.362025
0.42252   11.151053  127.471168    1.705694
 0.002807   0.602376  185.021111
0.56335   11.151053  127.471168    1.705694
 0.002807   0.948086  234.231980
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4054

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -12.401650 -119.986076   -0.824464
-0.004113   -0.434734   -35.654601
0.14084  -12.401650 -119.986076   -0.824464
-0.004113   -0.088757   -71.383038
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0.28168   -12.401650  -119.986076    -0.824464
-0.004113   -0.530735  -114.547768
0.42252   -12.401650  -119.986076    -0.824464
-0.004113   -1.245780  -160.383537
0.56335   -12.401650  -119.986076    -0.824464
-0.004113   -1.960961  -206.260409

COMB DL-G1-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    5.488504   13.161150    0.815506
 1.54E-06   0.431981   14.608015
0.14084    5.488504   13.161150    0.815506
 1.54E-06   0.089217   57.338781
0.28168    5.488504   13.161150    0.815506
 1.54E-06   0.120456  100.487961
0.42252    5.488504   13.161150    0.815506
 1.54E-06   0.282446  143.740560
0.56335    5.488504   13.161150    0.815506
 1.54E-06   0.444406  187.059974

COMB DL-G1-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.323789  -103.639116    -0.386320
-0.001641   -0.203609   -5.601481
0.14084   -1.323789  -103.639116    -0.386320
-0.001641   -0.041427  -10.643630
0.28168   -1.323789  -103.639116    -0.386320
-0.001641   -0.051833  -15.677925
0.42252   -1.323789  -103.639116    -0.386320
-0.001641   -0.594727  -20.992860
0.56335   -1.323789  -103.639116    -0.386320
-0.001641   -0.935955  -26.332213

COMB DL-G1-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   13.974186   20.353759    1.513358
 3.55E-05   0.796072   24.542743
0.14084   13.974186   20.353759    1.513358
 3.55E-05   0.160701   96.393042
0.28168   13.974186   20.353759    1.513358
 3.55E-05   0.200280  170.999824
0.42252   13.974186   20.353759    1.513358
 3.55E-05   0.470280  246.755933
0.56335   13.974186   20.353759    1.513358
 3.55E-05   0.740270  323.040266

COMB DL-G1-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.219170  -182.793364    -0.643977
-0.003006   -0.339827   -22.915972
0.14084   -1.219170  -182.793364    -0.643977
-0.003006   -0.087844   -23.531883
0.28168   -1.219170  -182.793364    -0.643977
-0.003006   -0.472473   -26.037926
0.42252   -1.219170  -182.793364    -0.643977
-0.003006   -1.107937   -31.535292
0.56335   -1.219170  -182.793364    -0.643977
-0.003006   -1.742026   -39.525735

COMB DL-G1-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   15.365823   19.138424    2.063975
 1.09E-05   1.081883   45.361269
0.14084   15.365823   19.138424    2.063975
 1.09E-05   0.217090  127.980276
0.28168   15.365823   19.138424    2.063975
 1.09E-05   0.234716  212.553129
0.42252   15.365823   19.138424    2.063975
 1.09E-05   0.552545  297.710290
0.56335   15.365823   19.138424    2.063975
 1.09E-05   0.870411  383.063267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4055

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -1.254455  -204.721369    -0.757399
-0.003535   -0.399073   -15.961919
0.14084   -1.254455  -204.721369    -0.757399
-0.003535   -0.081627   -18.868468
0.28168   -1.254455  -204.721369    -0.757399
-0.003535   -0.646089   -23.085018
0.42252   -1.254455  -204.721369    -0.757399
-0.003535   -1.512256   -29.113129
0.56335   -1.254455  -204.721369    -0.757399
-0.003535   -2.376933   -36.333556

COMB DL-G1-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   13.678101   71.670775    2.469242
 0.001475   1.299048   83.720695
0.14084   13.678101   71.670775    2.469242
 0.001475   0.086349  154.041241
0.28168   13.678101   71.670775    2.469242
 0.001475   0.308007  227.060595
0.42252   13.678101   71.670775    2.469242
 0.001475   0.723977  305.839421
0.56335   13.678101   71.670775    2.469242
 0.001475   1.139623  389.248541

COMB DL-G1-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -6.586905  -201.597362    -0.991217
-0.004551   -0.039039   -17.270492
0.14084   -6.586905  -201.597362    -0.991217
-0.004551   -0.106371   -34.001269
0.28168   -6.586905  -201.597362    -0.991217
-0.004551   -0.769930   -53.427757
0.42252   -6.586905  -201.597362    -0.991217
-0.004551   -1.805480   -74.745002
0.56335   -6.586905  -201.597362    -0.991217
-0.004551   -2.840042   -97.800996

COMB DL-G2-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    8.944843    5.217750    0.800021
 4.62E-06   0.416886   12.801026
0.14084    8.944843    5.217750    0.800021
 4.62E-06   0.081477   43.362558
0.28168    8.944843    5.217750    0.800021
 4.62E-06   0.079846   75.689829
0.42252    8.944843    5.217750    0.800021
 4.62E-06   0.188071  108.860276
0.56335    8.944843    5.217750    0.800021
 4.62E-06   0.296572  142.323293

COMB DL-G2-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.298491   -80.285593    -0.258625
-0.001404   -0.136787   -19.407179
0.14084   -0.298491   -80.285593    -0.258625
-0.001404   -0.028605   -13.684060
0.28168   -0.298491   -80.285593    -0.258625
-0.001404   -0.053431   -9.455857
0.42252   -0.298491   -80.285593    -0.258625
-0.001404   -0.588789   -8.399700
0.56335   -0.298491   -80.285593    -0.258625
-0.001404   -0.924257   -10.428902

COMB DL-G2-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    9.939764   34.650265    1.593249
0.001292    0.833939   80.019094
0.14084    9.939764   34.650265    1.593249
 0.001292   0.170095  110.036455
0.28168    9.939764   34.650265    1.593249
 0.001292   0.154742  141.774319
0.42252    9.939764   34.650265    1.593249
 0.001292   0.363780  181.781842
0.56335    9.939764   34.650265    1.593249
 0.001292   0.573093  228.670992
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4056

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -3.184091  -114.952483    -0.498895
-0.004341   -0.262405   -10.189503
0.14084   -3.184091  -114.952483    -0.498895
-0.004341   -0.053623   -8.900738
0.28168   -3.184091  -114.952483    -0.498895
-0.004341   -0.501005   -9.432047
0.42252   -3.184091  -114.952483    -0.498895
-0.004341   -1.168523   -11.925726
0.56335   -3.184091  -114.952483    -0.498895
-0.004341   -1.836070   -16.582930

COMB DL-G2-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   14.883575   40.907660    2.101832
 0.001169   1.102393   82.224774
0.14084   14.883575   40.907660    2.101832
 0.001169   0.224462  142.121695
0.28168   14.883575   40.907660    2.101832
 0.001169   0.230850  205.405286
0.42252   14.883575   40.907660    2.101832
 0.001169   0.542343  276.222745
0.56335   14.883575   40.907660    2.101832
 0.001169   0.854088  353.284987

COMB DL-G2-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -3.375976  -186.949935    -0.743235
-0.005199   -0.391263   -15.086555
0.14084   -3.375976  -186.949935    -0.743235
-0.005199   -0.079991   -14.798498
0.28168   -3.375976  -186.949935    -0.743235
-0.005199   -0.659160   -19.738679
0.42252   -3.375976  -186.949935    -0.743235
-0.005199   -1.540264   -26.141320
0.56335   -3.375976  -186.949935    -0.743235
-0.005199   -2.420991   -34.235300

COMB DL-G2-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   13.164072  103.739150    2.619868
 0.001978   1.378401   72.013311
0.14084   13.164072  103.739150    2.619868
 0.001978   0.282236  132.748520
0.28168   13.164072  103.739150    2.619868
 0.001978   0.335799  196.701385
0.42252   13.164072  103.739150    2.619868
 0.001978   0.789481  265.434443
0.56335   13.164072  103.739150    2.619868
 0.001978   1.242732  338.003263

COMB DL-G2-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -9.291308  -175.393865    -1.081069
-0.003848   -0.569523   -24.720575
0.14084   -9.291308  -175.393865    -1.081069
-0.003848   -0.115879   -55.058014
0.28168   -9.291308  -175.393865    -1.081069
-0.003848   -0.816915   -90.302452
0.42252   -9.291308  -175.393865    -1.081069
-0.003848   -1.915232  -126.967853
0.56335   -9.291308  -175.393865    -1.081069
-0.003848   -3.013179  -164.853003

COMB DL-G3-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.472777  153.275879    1.409247
 0.002534   0.747716  153.275694
0.14084    0.472777  153.275879    1.409247
 0.002534   0.157656   8.332035
0.28168    0.472777  153.275879    1.409247
 0.002534   0.241951   12.970302
0.42252    0.472777  153.275879    1.409247
 0.002534   0.568565   17.684821
0.56335    0.472777  153.275879    1.409247
 0.002534   0.894276   22.412524
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4057

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -12.853977  -11.465162    -0.777592
-2.15E-05   -0.410002   -38.613208
0.14084  -12.853977  -11.465162    -0.777592
-2.15E-05   -0.083190  -102.380046
0.28168  -12.853977  -11.465162    -0.777592
-2.15E-05   -0.433139  -166.342687
0.42252  -12.853977  -11.465162    -0.777592
-2.15E-05   -1.023579  -230.348101
0.56335  -12.853977  -11.465162    -0.777592
-2.15E-05   -1.614264  -294.528628

COMB DL-G3-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    1.055650  207.560880    2.201587
 0.004526   1.166417   81.452700
0.14084    1.055650  207.560880    2.201587
 0.004526   0.249913  134.775565
0.28168    1.055650  207.560880    2.201587
 0.004526   0.342853   67.703894
0.42252    1.055650  207.560880    2.201587
 0.004526   0.804426   72.914284
0.56335    1.055650  207.560880    2.201587
 0.004526   1.264896   87.791769

COMB DL-G3-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -18.534915   -39.254468    -1.099505
-0.003682   -0.579262   -37.904646
0.14084  -18.534915   -39.254468    -1.099505
-0.003682   -0.117428   -106.126258
0.28168  -18.534915   -39.254468    -1.099505
-0.003682   -0.679205   -175.919263
0.42252  -18.534915   -39.254468    -1.099505
-0.003682   -1.601202   -246.236906
0.56335  -18.534915   -39.254468    -1.099505
-0.003682   -2.523760   -319.438837

COMB DL-G3-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    6.622525  178.563620    2.638766
 0.003730   1.391828   76.166048
0.14084    6.622525  178.563620    2.638766
 0.003730   0.290590   96.916500
0.28168    6.622525  178.563620    2.638766
 0.003730   0.356362  118.495908
0.42252    6.622525  178.563620    2.638766
 0.003730   0.837707  148.157608
0.56335    6.622525  178.563620    2.638766
 0.003730   1.318222  184.701309

COMB DL-G3-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -15.570144  -90.223165    -1.146640
-0.003756   -0.603523   -36.599789
0.14084  -15.570144  -90.223165    -1.146640
-0.003756   -0.122614   -97.979319
0.28168  -15.570144  -90.223165    -1.146640
-0.003756   -0.819396  -160.584787
0.42252  -15.570144  -90.223165    -1.146640
-0.003756   -1.901408  -223.276687
0.56335  -15.570144  -90.223165    -1.146640
-0.003756   -3.030465  -289.062049

COMB DL-G3-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   11.923546  155.609660    2.773640
 0.003103   1.460891   71.242026
0.14084   11.923546  155.609660    2.773640
 0.003103   0.301945  114.767731
0.28168   11.923546  155.609660    2.773640
 0.003103   0.370014  161.293915
0.42252   11.923546  155.609660    2.773640
 0.003103   0.869691  214.880689
0.56335   11.923546  155.609660    2.773640
 0.003103   1.368670  274.396217
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4058

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -13.324893  -144.822375    -1.190605
-0.004212   -0.627059   -41.110474
0.14084  -13.324893  -144.822375    -1.190605
-0.004212   -0.127823   -89.843811
0.28168  -13.324893  -144.822375    -1.190605
-0.004212   -0.863582  -142.834344
0.42252  -13.324893  -144.822375    -1.190605
-0.004212   -2.025946  -198.024814
0.56335  -13.324893  -144.822375    -1.190605
-0.004212   -3.188045  -254.799370

COMB     DB -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   14.470883  173.936371    1.705694
 0.004206   0.900296   88.347618
0.14084   14.470883  173.936371    1.705694
 0.004206   0.188076  143.819260
0.28168   14.470883  173.936371    1.705694
 0.004206   0.256571  203.716855
0.42252   14.470883  173.936371    1.705694
 0.004206   0.325066  263.614453
0.56335   14.470883  173.936371    1.705694
 0.004206   0.948086  335.071434

COMB     DB -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -17.928031  -168.529733    -0.824464
-0.005502   -0.434734   -35.654601
0.14084  -17.928031  -168.529733    -0.824464
-0.005502   -0.088757   -85.581858
0.28168  -17.928031  -168.529733    -0.824464
-0.005502   -0.530735  -142.774007
0.42252  -17.928031  -168.529733    -0.824464
-0.005502   -1.245780  -200.364740
0.56335  -17.928031  -168.529733    -0.824464
-0.005502   -1.960961  -259.957059

COMB     DL -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   15.365823  207.560880    2.773640
 0.004526   1.460891   83.720695
0.14084   15.365823  207.560880    2.773640
 0.004526   0.301945  154.041241
0.28168   15.365823  207.560880    2.773640
 0.004526   0.370014  227.060595
0.42252   15.365823  207.560880    2.773640
 0.004526   0.869691  305.839421
0.56335   15.365823  207.560880    2.773640
 0.004526   1.368670  389.248541

COMB     DL -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -18.534915  -204.721369    -1.190605
-0.005199   -0.627059   -41.110474
0.14084  -18.534915  -204.721369    -1.190605
-0.005199   -0.127823   -106.126258
0.28168  -18.534915  -204.721369    -1.190605
-0.005199   -0.863582   -175.919263
0.42252  -18.534915  -204.721369    -1.190605
-0.005199   -2.025946   -246.236906
0.56335  -18.534915  -204.721369    -1.190605
-0.005199   -3.188045   -319.438837

COMB     CAR -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   15.365823  207.560880    2.773640
 0.004526   1.460891   88.347618
0.14084   15.365823  207.560880    2.773640
 0.004526   0.301945  154.041241
0.28168   15.365823  207.560880    2.773640
 0.004526   0.370014  227.060595
0.42252   15.365823  207.560880    2.773640
 0.004526   0.869691  305.839421
0.56335   15.365823  207.560880    2.773640
 0.004526   1.368670  389.248541
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4059

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -18.534915  -204.721369    -1.190605
-0.005502   -0.627059   -41.110474
0.14084  -18.534915  -204.721369    -1.190605
-0.005502   -0.127823   -106.126258
0.28168  -18.534915  -204.721369    -1.190605
-0.005502   -0.863582   -175.919263
0.42252  -18.534915  -204.721369    -1.190605
-0.005502   -2.025946   -246.236906
0.56335  -18.534915  -204.721369    -1.190605
-0.005502   -3.188045   -319.438837

COMB  DESIGN -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000   15.365823  207.560880    2.773640
 0.004526   1.460891   88.347618
0.14084   15.365823  207.560880    2.773640
 0.004526   0.301945  154.041241
0.28168   15.365823  207.560880    2.773640
 0.004526   0.370014  227.060595
0.42252   15.365823  207.560880    2.773640
 0.004526   0.869691  305.839421
0.56335   15.365823  207.560880    2.773640
 0.004526   1.368670  389.248541

COMB  DESIGN -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000  -18.534915  -204.721369    -1.190605
-0.005502   -0.627059   -41.110474
0.14084  -18.534915  -204.721369    -1.190605
-0.005502   -0.127823   -106.126258
0.28168  -18.534915  -204.721369    -1.190605
-0.005502   -0.863582   -175.919263
0.42252  -18.534915  -204.721369    -1.190605
-0.005502   -2.025946   -246.236906
0.56335  -18.534915  -204.721369    -1.190605
-0.005502   -3.188045   -319.438837

ELEM      390 ================== LENGTH
=     2.759542

COMB DB-G1-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.467985    0.106302    0.421378
 1.73E-05   0.603123    0.024997
0.25000    0.467985    0.138119    0.421378
 1.73E-05   0.312442    0.800971
0.50000    0.467985    0.166397    0.421378
 1.73E-05   0.021641    1.583295
0.75000    0.467985    0.188213    0.421378
 1.73E-05   0.188071    2.331653
1.00000    0.467985    0.203491    0.421378
 1.73E-05   0.390130    3.059911

COMB DB-G1-1 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.053655   -1.227366   -0.292858
-0.002877   -0.418023   -0.036137
0.25000   -0.053655   -1.194947   -0.292858
-0.002877   -0.215983   -0.055050
0.50000   -0.053655   -1.164489   -0.292858
-0.002877   -0.013734   -0.128471
0.75000   -0.053655   -1.137910   -0.292858
-0.002877   -0.269022   -0.201815
1.00000   -0.053655   -1.117336   -0.292858
-0.002877   -0.559725   -0.289637

COMB DB-G1-2 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.496589   18.623788    0.839699
 0.000188   1.193653    0.035330
0.25000    0.496589   48.276015    0.839699
 0.000188   0.634690   54.946208
0.50000    0.496589   74.632336    0.839699
 0.000188   0.093026   70.781177
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4060

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2          M3
0.75000    0.496589   94.965636    0.839699
 0.000188   0.266702   54.936383
1.00000    0.496589  109.204633    0.839699
 0.000188   0.553423   20.357650

COMB DB-G1-2 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.396858  -109.944144   -0.415542
-0.003533   -0.593282   -0.078678
0.25000   -0.396858   -79.729977   -0.415542
-0.003533   -0.306599   -12.839440
0.50000   -0.396858   -51.342645   -0.415542
-0.003533   -0.051292   -25.687845
0.75000   -0.396858   -26.570831   -0.415542
-0.003533   -0.578639   -38.536136
1.00000   -0.396858    -7.395878   -0.415542
-0.003533   -1.157930   -64.885669

COMB DB-G1-3 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.455218   12.776638    1.157020
 0.001333   1.650280    0.104626
0.25000    0.455218   32.965257    1.157020
 0.001333   0.866008   38.217269
0.50000    0.455218   50.907121    1.157020
 0.001333   0.093275   49.836728
0.75000    0.455218   64.749910    1.157020
 0.001333   0.307575   39.888796
1.00000    0.455218   74.443733    1.157020
 0.001333   0.638425   17.186910

COMB DB-G1-3 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.409750   -76.065613   -0.479505
-0.003099   -0.684790   -0.104120
0.25000   -0.409750   -55.495989   -0.479505
-0.003099   -0.353964   -8.790919
0.50000   -0.409750   -36.170065   -0.479505
-0.003099   -0.044331   -17.605666
0.75000   -0.409750   -19.305562   -0.479505
-0.003099   -0.767731   -26.440252
1.00000   -0.409750    -6.251370   -0.479505
-0.003099   -1.565928   -44.426379

COMB DB-G1-4 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.513060   10.673016    1.276455
 0.002197   1.822193    0.043685
0.25000    0.513060   27.425108    1.276455
 0.002197   0.953068   31.981901
0.50000    0.513060   42.313037    1.276455
 0.002197   0.093522   41.911416
0.75000    0.513060   53.799607    1.276455
 0.002197   0.330227   33.951983
1.00000    0.513060   61.843418    1.276455
 0.002197   0.685338   15.405783

COMB DB-G1-4 -------------------- MIN

REL DIST          P          V2          V3
       T         M2          M3
0.00000   -0.404009   -63.540859   -0.514684
-0.002582   -0.734955   -0.113478
0.25000   -0.404009   -46.472448   -0.514684
-0.002582   -0.379863   -7.339120
0.50000   -0.404009   -30.436042   -0.514684
-0.002582   -0.042243   -14.702434
0.75000   -0.404009   -16.442094   -0.514684
-0.002582   -0.839102   -22.065627
1.00000   -0.404009    -5.609891   -0.514684
-0.002582   -1.719693   -37.055834

COMB DB-G2-1 -------------------- MAX

REL DIST          P          V2          V3
       T         M2          M3
0.00000    0.027235   15.532272    0.490237
 0.000614   0.694751    0.010543
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4061

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
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T	M2	M3	
0.25000	0.027235	40.350187	0.490237
0.000614	0.373554	45.602011	
0.50000	0.027235	62.406378	0.490237
0.000614	0.066913	58.456713	
0.75000	0.027235	79.423518	0.490237
0.000614	0.079508	44.802311	
1.00000	0.027235	91.340275	0.490237
0.000614	0.165245	15.467290	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.419429	-91.439711	-0.124220
-0.000338	-0.177547	-0.047794	
0.25000	-0.419429	-66.153176	-0.124220
-0.000338	-0.091849	-10.718952	
0.50000	-0.419429	-42.395539	-0.124220
-0.000338	-0.032574	-21.434195	
0.75000	-0.419429	-21.663763	-0.124220
-0.000338	-0.348628	-32.149698	
1.00000	-0.419429	-5.616055	-0.124220
-0.000338	-0.686836	-54.164521	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139612	14.556613	0.910858
0.002006	1.297099	0.020787	
0.25000	0.139612	37.656365	0.910858
0.002006	0.894545	42.908212	
0.50000	0.139612	58.185589	0.910858
0.002006	0.085483	55.360004	
0.75000	0.139612	74.024619	0.910858
0.002006	0.157492	43.134214	
1.00000	0.139612	85.116370	0.910858
0.002006	0.327145	16.315247	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430504	-85.812529	-0.245875
-0.000205	-0.351357	-5.083656	
0.25000	-0.430504	-62.276600	-0.245875
-0.000205	-0.181707	-10.038495	
0.50000	-0.430504	-40.163722	-0.245875
-0.000205	-0.036560	-20.080976	
0.75000	-0.430504	-20.867223	-0.245875
-0.000205	-0.614848	-30.123397	
1.00000	-0.430504	-5.308510	-0.245875
-0.000205	-1.243216	-50.682863	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.325981	10.404997	1.183041
0.001979	1.688659	0.035441	
0.25000	0.325981	26.756184	1.183041
0.001979	0.883703	31.355430	
0.50000	0.325981	41.287821	1.183041
0.001979	0.088194	41.181983	
0.75000	0.325981	52.459498	1.183041
0.001979	0.268503	33.540479	
1.00000	0.325981	60.350808	1.183041
0.001979	0.557336	15.569177	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.464897	-62.210193	-0.418626
-0.002043	-0.597881	-0.105756	
0.25000	-0.464897	-45.550256	-0.418626
-0.002043	-0.309048	-7.159230	
0.50000	-0.464897	-29.897628	-0.418626
-0.002043	-0.037186	-14.307645	
0.75000	-0.464897	-16.238577	-0.418626
-0.002043	-0.778784	-21.515904	
1.00000	-0.464897	-5.665607	-0.418626
-0.002043	-1.594939	-36.138707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4062
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298268	8.766560	1.303615
0.002675	1.861886	0.040392	
0.25000	0.298268	22.464140	1.303615
0.002675	0.971930	26.464642	
0.50000	0.298268	34.637461	1.303615
0.002675	0.089780	34.917453	
0.75000	0.298268	44.029613	1.303615
0.002675	0.305293	26.737287	
1.000000	0.298268	50.606746	1.303615
0.002675	0.633587	13.903729	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.475992	-52.434849	-0.475833
-0.001703	-0.679495	-0.115242	
0.25000	-0.475992	-38.478627	-0.475833
-0.001703	-0.351201	-6.024833	
0.50000	-0.475992	-25.366239	-0.475833
-0.001703	-0.037017	-12.072890	
0.75000	-0.475992	-13.923893	-0.475833
-0.001703	-0.852035	-18.120831	
1.00000	-0.475992	-5.066793	-0.475833
-0.001703	-1.751365	-30.405136	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024696	0.105919	0.492297
0.001547	0.704441	0.017236	
0.25000	0.024696	0.137736	0.492297
0.001547	0.364834	0.374794	
0.50000	0.024696	0.166014	0.492297
0.001547	0.025030	0.746262	
0.75000	0.024696	0.187830	0.492297
0.001547	0.129404	1.083737	
1.00000	0.024696	0.203108	0.492297
0.001547	0.268429	1.401112	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169423	-0.631962	-0.201516
-1.08E-06	-0.287663	-0.041929	
0.25000	-0.169423	-0.599543	-0.201516
-1.08E-06	-0.148640	-0.063850	
0.50000	-0.169423	-0.569085	-0.201516
-1.08E-06	-0.009463	-0.136944	
0.75000	-0.169423	-0.542506	-0.201516
-1.08E-06	-0.314482	-0.210038	
1.00000	-0.169423	-0.521932	-0.201516
-1.08E-06	-0.654110	-0.297596	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.213708	0.774613	0.863490
0.002860	1.235347	0.027510	
0.25000	0.213708	1.729148	0.863490
0.002860	0.640293	2.425203	
0.50000	0.213708	2.577463	0.863490
0.002860	0.045556	3.652344	
0.75000	0.213708	3.231968	0.863490
0.002860	0.206908	3.859749	
1.00000	0.213708	3.690305	0.863490
0.002860	0.429265	3.464204	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.223857	-4.579259	-0.322305
-9.24E-06	-0.460149	-0.074016	
0.25000	-0.223857	-3.606700	-0.322305
-9.24E-06	-0.237796	-0.524410	
0.50000	-0.223857	-2.692945	-0.322305
-9.24E-06	-0.016139	-1.058824	
0.75000	-0.223857	-1.895569	-0.322305
-9.24E-06	-0.552889	-1.593243	
1.00000	-0.223857	-1.276350	-0.322305
-9.24E-06	-1.146600	-2.562227	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4063
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.125282	1.163181	1.188053
0.003405	1.699725	0.033197	
0.25000	0.125282	2.680892	1.188053
0.003405	0.881145	3.982711	
0.50000	0.125282	4.029713	1.188053
0.003405	0.063185	6.035783	
0.75000	0.125282	5.070376	1.188053
0.003405	0.250869	6.467477	
1.00000	0.125282	5.799132	1.188053
0.003405	0.520718	5.940362	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399194	-7.428396	-0.391120
-1.41E-05	-0.558595	-0.102402	
0.25000	-0.399194	-5.882027	-0.391120
-1.41E-05	-0.288744	-0.781177	
0.50000	-0.399194	-4.425196	-0.391120
-1.41E-05	-0.020176	-1.583734	
0.75000	-0.399194	-3.161328	-0.391120
-1.41E-05	-0.760897	-2.386241	
1.00000	-0.399194	-2.179949	-0.391120
-1.41E-05	-1.580516	-3.879700	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.192930	10.313088	1.321294
0.002976	1.886493	0.038635	
0.25000	0.192930	26.492460	1.321294
0.002976	0.986041	30.855946	
0.50000	0.192930	40.871400	1.321294
0.002976	0.094797	40.435604	
0.75000	0.192930	51.965266	1.321294
0.002976	0.293157	32.726756	
1.00000	0.192930	59.734075	1.321294
0.002976	0.608417	14.796655	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.566346	-61.342659	-0.456948
-0.001088	-0.652544	-0.117192	
0.25000	-0.566346	-44.857783	-0.456948
-0.001088	-0.337285	-7.101950	
0.50000	-0.566346	-29.369631	-0.456948
-0.001088	-0.038869	-14.214160	
0.75000	-0.566346	-15.854108	-0.456948
-0.001088	-0.866932	-21.326329	
1.00000	-0.566346	-5.392337	-0.456948
-0.001088	-1.778446	-35.806804	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.620767	0.139580	0.853662
1.31E-05	1.220800	0.047524	
0.25000	0.620767	0.147756	0.853662
1.31E-05	0.631480	0.713264	
0.50000	0.620767	0.165789	0.853662
1.31E-05	0.041877	1.436871	
0.75000	0.620767	0.182519	0.853662
1.31E-05	0.376910	2.160226	
1.00000	0.620767	0.196715	0.853662
1.31E-05	0.781939	2.872226	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094735	-1.270143	-0.587245
-0.003332	-0.838371	-0.073832	
0.25000	-0.094735	-1.249608	-0.587245
-0.003332	-0.433139	-0.067463	
0.50000	-0.094735	-1.231103	-0.587245
-0.003332	-0.026543	-0.137942	
0.75000	-0.094735	-1.215648	-0.587245
-0.003332	-0.544390	-0.217622	
1.00000	-0.094735	-1.206292	-0.587245
-0.003332	-1.134070	-0.315383	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4064
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.679068	20.634794	1.586955
0.000124	2.285537	0.064707	
0.25000	0.679068	33.651291	1.586955
0.000124	1.183831	39.253323	
0.50000	0.679068	62.358621	1.586955
0.000124	0.120159	49.651161	
0.75000	0.679068	88.993114	1.586955
0.000124	0.517310	36.096999	
1.00000	0.679068	111.592735	1.586955
0.000124	1.073317	15.783184	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404333	-108.962584	-0.806191
-0.004036	-1.151131	-0.143369	
0.25000	-0.404333	-76.269804	-0.806191
-0.004036	-0.594816	-11.259620	
0.50000	-0.404333	-46.809819	-0.806191
-0.004036	-0.074370	-22.519140	
0.75000	-0.404333	-22.205949	-0.806191
-0.004036	-1.050108	-33.779123	
1.00000	-0.404333	-7.311916	-0.806191
-0.004036	-2.145941	-58.208486	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.637388	14.778174	2.006147
0.001195	2.867303	0.070746	
0.25000	0.637388	24.020541	2.006147
0.001195	1.492726	28.581552	
0.50000	0.637388	44.404188	2.006147
0.001195	0.118095	36.723395	
0.75000	0.637388	63.316016	2.006147
0.001195	0.573507	27.860473	
1.00000	0.637388	79.362882	2.006147
0.001195	1.190363	14.198774	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447729	-78.629488	-0.894252
-0.003576	-1.277059	-0.175710	
0.25000	-0.447729	-55.415971	-0.894252
-0.003576	-0.660014	-8.061312	
0.50000	-0.447729	-34.497901	-0.894252
-0.003576	-0.067330	-16.129475	
0.75000	-0.447729	-17.027917	-0.894252
-0.003576	-1.307039	-24.212515	
1.00000	-0.447729	-6.452405	-0.894252
-0.003576	-2.691451	-41.626338	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.639759	12.360915	2.149637
0.002208	3.072942	0.076921	
0.25000	0.639759	20.032227	2.149637
0.002208	1.597773	23.986061	
0.50000	0.639759	36.950978	2.149637
0.002208	0.132523	31.026332	
0.75000	0.639759	52.648097	2.149637
0.002208	0.621632	23.952239	
1.00000	0.639759	65.967252	2.149637
0.002208	1.291155	12.895143	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.449825	-65.728429	-0.970335
-0.002980	-1.385289	-0.187065	
0.25000	-0.449825	-46.460841	-0.970335
-0.002980	-0.715574	-6.750966	
0.50000	-0.449825	-29.098510	-0.970335
-0.002980	-0.066979	-13.504145	
0.75000	-0.449825	-14.598145	-0.970335
-0.002980	-1.394626	-20.271811	
1.00000	-0.449825	-5.820302	-0.970335
-0.002980	-2.877962	-34.784669	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4065
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044289	14.424395	0.783014
0.000467	1.117388	0.014460	
0.25000	0.044289	23.549025	0.783014
0.000467	0.586822	27.322499	
0.50000	0.044289	43.673008	0.783014
0.000467	0.068419	34.416812	
0.75000	0.044289	62.343921	0.783014
0.000467	0.124379	24.718282	
1.00000	0.044289	78.186369	0.783014
0.000467	0.258055	10.273162	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.363764	-76.079185	-0.193912
-0.000313	-0.277118	-0.069868	
0.25000	-0.363764	-53.161383	-0.193912
-0.000313	-0.143405	-7.883778	
0.50000	-0.363764	-32.509785	-0.193912
-0.000313	-0.035394	-15.769551	
0.75000	-0.363764	-15.262348	-0.193912
-0.000313	-0.525832	-23.659440	
1.00000	-0.363764	-4.821556	-0.193912
-0.000313	-1.066064	-40.751234	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.141392	13.889299	1.385354
0.001901	1.979988	0.032194	
0.25000	0.141392	22.596943	1.385354
0.001901	1.033800	26.504215	
0.50000	0.141392	41.801282	1.385354
0.001901	0.098769	33.740206	
0.75000	0.141392	59.618954	1.385354
0.001901	0.270399	24.947263	
1.00000	0.141392	74.737419	1.385354
0.001901	0.561692	11.626337	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.409354	-73.353812	-0.422358
-0.000196	-0.311942	-7.589324	
0.25000	-0.409354	-51.483328	-0.422358
-0.000196	-0.311942	-7.589324	
0.50000	-0.409354	-31.775486	-0.422358
-0.000196	-0.044803	-15.184356	
0.75000	-0.409354	-15.316239	-0.422358
-0.000196	-0.909829	-22.784805	
1.00000	-0.409354	-5.352580	-0.422358
-0.000196	-1.865380	-39.167190	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.412446	9.188509	1.961660
0.001869	2.805252	0.060407	
0.25000	0.412446	14.847251	1.961660
0.001869	1.457777	18.153302	
0.50000	0.412446	27.327366	1.961660
0.001869	0.117583	23.835393	
0.75000	0.412446	38.906344	1.961660
0.001869	1.291553	19.116757	
1.00000	0.412446	48.731216	1.961660
0.001869	1.024873	11.440139	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.494575	-49.342012	-0.770123
-0.002323	-1.099807	-0.168695	
0.25000	-0.494575	-35.129278	-0.770123
-0.002323	-0.568323	-5.028193	
0.50000	-0.494575	-22.321956	-0.770123
-0.002323	-0.051351	-10.068770	
0.75000	-0.494575	-11.625763	-0.770123
-0.002323	-1.267839	-15.118518	
1.00000	-0.494575	-5.150788	-0.770123
-0.002323	-2.621554	-25.880106	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4066
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.382193	7.769420	2.154677
0.002700	3.081329	0.068919	
0.25000	0.382193	12.515699	2.154677
0.002700	1.599825	15.446403	
0.50000	0.382193	22.983416	2.154677
0.002700	0.124165	20.452710	
0.75000	0.382193	32.695302	2.154677
0.002700	0.559372	16.727312	
1.00000	0.382193	40.935930	2.154677
0.002700	1.162586	10.537350	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.525256	-41.771667	-0.873949
-0.001935	-1.247368	-0.184666	
0.25000	-0.525256	-29.850713	-0.873949
-0.001935	-0.644143	-4.258617	
0.50000	-0.525256	-19.108551	-0.873949
-0.001935	-0.054236	-8.521275	
0.75000	-0.525256	-10.137102	-0.873949
-0.001935	-1.389178	-12.792958	
1.00000	-0.525256	-4.706207	-0.873949
-0.001935	-2.875947	-21.856336	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040086	0.126439	0.830243
0.001715	1.187418	0.028364	
0.25000	0.040086	0.134616	0.830243
0.001715	0.614681	0.382070	
0.50000	0.040086	0.152648	0.830243
0.001715	0.041022	0.778972	
0.75000	0.040086	0.169378	0.830243
0.001715	0.227037	1.161444	
1.00000	0.040086	0.183574	0.830243
0.001715	0.473079	1.539251	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.231904	-0.701416	-0.356000
-7.71E-07	-0.507324	-0.071179	
0.25000	-0.231904	-0.680880	-0.356000
-7.71E-07	-0.261522	-0.082495	
0.50000	-0.231904	-0.662375	-0.356000
-7.71E-07	-0.016540	-0.155139	
0.75000	-0.231904	-0.646920	-0.356000
-7.71E-07	-0.530938	-0.227736	
1.00000	-0.231904	-0.637565	-0.356000
-7.71E-07	-1.103751	-0.309184	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.208609	0.678786	1.390675
0.003187	1.989114	0.048521	
0.25000	0.208609	0.948600	1.390675
0.003187	1.029982	1.516985	
0.50000	0.208609	1.543664	1.390675
0.003187	0.069930	2.491708	
0.75000	0.208609	2.095761	1.390675
0.003187	0.391397	2.971453	
1.00000	0.208609	2.564221	1.390675
0.003187	0.814567	3.309889	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.297377	-3.510796	-0.613398
-6.65E-06	-0.875126	-0.118636	
0.25000	-0.297377	-2.833119	-0.613398
-6.65E-06	-0.450899	-0.394436	
0.50000	-0.297377	-2.222454	-0.613398
-6.65E-06	-0.029587	-0.780739	
0.75000	-0.297377	-1.712449	-0.613398
-6.65E-06	-0.889962	-1.167187	
1.00000	-0.297377	-1.403716	-0.613398
-6.65E-06	-1.843322	-2.926969	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4067
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152679	0.312881	1.848568
0.003511	2.645203	0.052651	
0.25000	0.152679	0.320240	1.848568
0.003511	1.369907	1.224019	
0.50000	0.152679	0.336469	1.848568
0.003511	0.093228	2.526244	
0.75000	0.152679	0.351526	1.848568
0.003511	0.432533	3.815639	
1.00000	0.152679	0.364302	1.848568
0.003511	0.899881	5.100337	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.465242	-2.218270	-0.677338
-6.51E-06	-0.966824	-0.155680	
0.25000	-0.465242	-2.199788	-0.677338
-6.51E-06	-0.498474	-0.191543	
0.50000	-0.465242	-2.183133	-0.677338
-6.51E-06	-0.031323	-0.383212	
0.75000	-0.465242	-2.169224	-0.677338
-6.51E-06	-1.180741	-0.575753	
1.00000	-0.465242	-2.160804	-0.677338
-6.51E-06	-2.456045	-0.776955	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.257876	8.423036	2.164677
0.003051	3.095527	0.063900	
0.25000	0.257876	13.574036	2.164677
0.003051	1.607488	16.781133	
0.50000	0.257876	24.934349	2.164677
0.003051	0.125358	21.825464	
0.75000	0.257876	35.474381	2.164677
0.003051	0.525275	17.591408	
1.00000	0.257876	44.417698	2.164677
0.003051	1.092069	10.680470	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.614957	-45.022827	-0.821408
-0.001234	-1.172604	-0.155963	
0.25000	-0.614957	-32.085356	-0.821408
-0.001234	-0.605058	-4.619864	
0.50000	-0.614957	-20.427198	-0.821408
-0.001234	-0.052553	-9.240236	
0.75000	-0.614957	-10.690742	-0.821408
-0.001234	-1.396921	-13.866568	
1.00000	-0.614957	-4.796740	-0.821408
-0.001234	-2.890703	-23.690508	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.513060	18.623788	1.321294
0.003405	1.886493	0.043685	
0.25000	0.513060	48.278015	1.321294
0.003405	0.986041	54.946208	
0.50000	0.513060	74.632336	1.321294
0.003405	0.094797	70.781177	
0.75000	0.513060	94.965636	1.321294
0.003405	0.330227	54.936383	
1.00000	0.513060	109.204633	1.321294
0.003405	0.685338	20.357650	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.566346	-109.944144	-0.514684
-0.003533	-0.734955	-0.117192	
0.25000	-0.566346	-79.729977	-0.514684
-0.003533	-0.379863	-12.839440	
0.50000	-0.566346	-51.342645	-0.514684
-0.003533	-0.051292	-25.687845	
0.75000	-0.566346	-26.570831	-0.514684
-0.003533	-0.866932	-38.536136	
1.00000	-0.566346	-7.395878	-0.514684
-0.003533	-1.778446	-64.885669	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4068
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.679068	20.634794	2.164677
0.003511	3.095527	0.076921	
0.25000	0.679068	33.651291	2.164677
0.003511	1.607488	39.253323	
0.50000	0.679068	62.358621	2.164677
0.003511	0.132523	49.651161	
0.75000	0.679068	88.993114	2.164677
0.003511	0.621632	36.096999	
1.00000	0.679068	111.592735	2.164677
0.003511	1.291155	15.783184	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.614957	-108.962584	-0.970335
-0.004036	-1.385289	-0.187065	
0.25000	-0.614957	-76.269804	-0.970335
-0.004036	-0.715574	-11.259620	
0.50000	-0.614957	-46.809819	-0.970335
-0.004036	-0.074370	-22.519140	
0.75000	-0.614957	-22.205949	-0.970335
-0.004036	-1.396921	-33.795123	
1.00000	-0.614957	-7.311916	-0.970335
-0.004036	-2.890703	-58.208486	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.679068	20.634794	2.164677
0.003511	3.095527	0.076921	
0.25000	0.679068	48.278015	2.164677
0.003511	1.607488	54.946208	
0.50000	0.679068	74.632336	2.164677
0.003511	0.132523	70.781177	
0.75000	0.679068	94.965636	2.164677
0.003511	0.621632	54.936383	
1.00000	0.679068	111.592735	2.164677
0.003511	1.291155	20.357650	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.614957	-109.944144	-0.970335
-0.004036	-1.385289	-0.187065	
0.25000	-0.614957	-79.729977	-0.970335
-0.004036	-0.715574	-12.839440	
0.50000	-0.614957	-51.342645	-0.970335
-0.004036	-0.074370	-25.687845	
0.75000	-0.614957	-26.570831	-0.970335
-0.004036	-1.396921	-38.536136	
1.00000	-0.614957	-7.395878	-0.970335
-0.004036	-2.890703	-64.885669	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.679068	20.634794	2.164677
0.003511	3.095527	0.076921	
0.25000	0.679068	48.278015	2.164677
0.003511	1.607488	54.946208	
0.50000	0.679068	74.632336	2.164677
0.003511	0.132523	70.781177	
0.75000	0.679068	94.965636	2.164677
0.003511	0.621632	54.936383	
1.00000	0.679068	111.592735	2.164677
0.003511	1.291155	20.357650	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.614957	-109.944144	-0.970335
-0.004036	-1.385289	-0.187065	
0.25000	-0.614957	-79.729977	-0.970335
-0.004036	-0.715574	-12.839440	
0.50000	-0.614957	-51.342645	-0.970335
-0.004036	-0.074370	-25.687845	
0.75000	-0.614957	-26.570831	-0.970335
-0.004036	-1.396921	-38.536136	
1.00000	-0.614957	-7.395878	-0.970335
-0.004036	-2.890703	-64.885669	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4069

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 391 ========== LENGTH = 4.973173

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.833415	0.116741	0.112598
8.91E-06	0.281742	3.036791	
0.25000	0.833415	0.138294	0.112598
8.91E-06	0.141866	3.897316	
0.50000	0.833415	0.169533	0.112598
8.91E-06	0.010083	4.894061	
0.75000	0.833415	0.199971	0.112598
8.91E-06	0.115743	5.878481	
1.00000	0.833415	0.230733	0.112598
8.91E-06	0.225531	6.886605	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092587	-1.029233	-0.088295
-0.001915	-0.264575	-0.264042	
0.25000	-0.092587	-0.992201	-0.088295
-0.001915	-0.103777	-0.324842	
0.50000	-0.092587	-0.964541	-0.088295
-0.001915	-0.005853	-0.450498	
0.75000	-0.092587	-0.933032	-0.088295
-0.001915	-0.138460	-0.576306	
1.00000	-0.092587	-0.907957	-0.088295
-0.001915	-0.278336	-0.747391	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.886728	11.436172	0.242573
0.000101	0.586043	20.275737	
0.25000	0.886728	31.523578	0.242573
0.000101	0.300771	64.224487	
0.50000	0.886728	60.638298	0.242573
0.000101	0.053451	97.665863	
0.75000	0.886728	89.005982	0.242573
0.000101	0.162081	79.836645	
1.00000	0.886728	117.676835	0.242573
0.000101	0.316578	24.543594	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.692957	-120.111870	-0.124224
-0.002401	-0.301195	-64.905212	
0.25000	-0.692957	-85.597853	-0.124224
-0.002401	-0.146665	-14.044231	
0.50000	-0.692957	-59.818239	-0.124224
-0.002401	-0.041015	-21.126262	
0.75000	-0.692957	-30.452178	-0.124224
-0.002401	-0.324219	-28.349800	
1.00000	-0.692957	-7.082617	-0.124224
-0.002401	-0.625791	-77.771794	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.813129	7.831374	0.327755
0.000731	0.801731	17.090359	
0.25000	0.813129	21.506760	0.327755
0.000731	0.405461	47.853346	
0.50000	0.813129	41.327886	0.327755
0.000731	0.045789	71.694238	
0.75000	0.813129	60.640435	0.327755
0.000731	0.184773	60.758185	
1.00000	0.813129	80.159380	0.327755
0.000731	0.361717	24.325141	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.718757	-82.797062	-0.142253
-0.002123	-0.345706	-44.414078	
0.25000	-0.718757	-59.300127	-0.142253
-0.002123	-0.168737	-9.933258	
0.50000	-0.718757	-41.749521	-0.142253
-0.002123	-0.032730	-14.884413	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4070

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.718757	-21.757283	-0.142253
-0.002123	-0.424687	-19.931905	
1.00000	-0.718757	-5.847426	-0.142253
-0.002123	-0.832138	-53.707852	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.913625	6.554531	0.361594
0.001324	0.886285	15.297147	
0.25000	0.913625	17.902192	0.361594
0.001324	0.446026	41.091807	
0.50000	0.913625	34.349509	0.361594
0.001324	0.040866	61.185565	
0.75000	0.913625	50.374816	0.361594
0.001324	0.200096	52.458975	
1.00000	0.913625	66.571387	0.361594
0.001324	0.391135	22.591886	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.711172	-69.030836	-0.153594
-0.001768	-0.372692	-37.037545	
0.25000	-0.711172	-49.533379	-0.153594
-0.001768	-0.181619	-8.441225	
0.50000	-0.711172	-34.970110	-0.153594
-0.001768	-0.029759	-12.613805	
0.75000	-0.711172	-18.380806	-0.153594
-0.001768	-0.465748	-16.866325	
1.00000	-0.711172	-5.179010	-0.153594
-0.001768	-0.915268	-44.957350	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046790	9.602507	0.148459
0.000317	0.352441	15.405692	
0.25000	0.046790	26.413856	0.148459
0.000317	0.181398	51.578948	
0.50000	0.046790	50.780252	0.148459
0.000317	0.038021	78.887071	
0.75000	0.046790	74.521447	0.148459
0.000317	0.045699	63.365112	
1.00000	0.046790	98.513667	0.148459
0.000317	0.090296	16.498451	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.727765	-100.054471	-0.035794
-0.000157	-0.087717	-54.194865	
0.25000	-0.727765	-71.169350	-0.035794
-0.000157	-0.043129	-11.575362	
0.50000	-0.727765	-49.594137	-0.035794
-0.000157	-0.030450	-17.430176	
0.75000	-0.727765	-25.017390	-0.035794
-0.000157	-0.220736	-23.103418	
1.00000	-0.727765	-5.459174	-0.035794
-0.000157	-0.390313	-64.692964	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.245515	8.871726	0.265973
0.001149	0.643595	16.230460	
0.25000	0.245515	24.519212	0.265973
0.001149	0.325581	50.538899	
0.50000	0.245515	47.198704	0.265973
0.001149	0.041205	76.722287	
0.75000	0.245515	69.296278	0.265973
0.001149	0.092136	63.001448	
1.00000	0.245515	91.630011	0.265973
0.001149	0.181348	20.074054	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.757155	-93.753305	-0.071687
-0.000146	-0.175134	-50.699168	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4071

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.757155	-66.867923	-0.071687
-0.000146	-0.085898	-11.058763	
0.50000	-0.757155	-46.786378	-0.071687
-0.000146	-0.031597	-16.603526	
0.75000	-0.757155	-23.911099	-0.071687
-0.000146	-0.352719	-22.258517	
1.00000	-0.757155	-5.706913	-0.071687
-0.000146	-0.683375	-60.784838	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.580984	6.526170	0.335510
0.001042	0.821878	15.464770	
0.25000	0.580984	17.602262	0.335510
0.001042	0.413745	40.292777	
0.50000	0.580984	33.655968	0.335510
0.001042	0.039451	59.825015	
0.75000	0.580984	49.297764	0.335510
0.001042	0.161092	51.414441	
1.00000	0.580984	65.106724	0.335510
0.001042	0.315463	22.454561	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.816549	-67.569765	-0.124102
-0.001476	-0.301680	-36.126950	
0.25000	-0.816549	-48.538914	-0.124102
-0.001476	-0.147274	-8.183868	
0.50000	-0.816549	-34.324167	-0.124102
-0.001476	-0.027450	-12.238200	
0.75000	-0.816549	-18.131872	-0.124102
-0.001476	-0.432889	-16.370559	
1.00000	-0.816549	-5.246017	-0.124102
-0.001476	-0.849954	-43.770928	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.530237	5.511262	0.370236
0.001569	0.908048	13.784050	
0.25000	0.530237	14.789833	0.370236
0.001569	0.455288	34.847728	
0.50000	0.530237	28.238210	0.370236
0.001569	0.035575	51.473791	
0.75000	0.530237	41.341523	0.370236
0.001569	0.185023	44.682558	
1.00000	0.530237	54.584873	0.370236
0.001569	0.361684	20.671244	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.840335	-56.797732	-0.142034
-0.001230	-0.344645	-30.385124	
0.25000	-0.840335	-40.855367	-0.142034
-0.001230	-0.167962	-7.048642	
0.50000	-0.840335	-28.947509	-0.142034
-0.001230	-0.025853	-10.505847	
0.75000	-0.840335	-15.383036	-0.142034
-0.001230	-0.475708	-14.028416	
1.00000	-0.840335	-5.686405	-0.142034
-0.001230	-0.935925	-37.042867	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043998	0.088722	0.141002
0.001077	0.346801	1.346700	
0.25000	0.043998	0.110275	0.141002
0.001077	0.171544	1.730954	
0.50000	0.043998	0.141513	0.141002
0.001077	0.004314	2.113642	
0.75000	0.043998	0.171951	0.141002
0.001077	0.080590	2.448600	
1.00000	0.043998	0.202714	0.141002
0.001077	0.156762	2.744559	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4072

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.306520	-0.425709	-0.061271
-8.15E-07	-0.147963	-0.268391	
0.25000	-0.306520	-0.388677	-0.061271
-8.15E-07	-0.071784	-0.314364	
0.50000	-0.306520	-0.361017	-0.061271
-8.15E-07	-0.004588	-0.415412	
0.75000	-0.306520	-0.329508	-0.061271
-8.15E-07	-0.179130	-0.516645	
1.00000	-0.306520	-0.304433	-0.061271
-8.15E-07	-0.354436	-0.663155	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.378288	0.497514	0.246148
0.001883	0.505737	3.378559	
0.25000	0.378288	1.144104	0.246148
0.001883	0.300246	5.450131	
0.50000	0.378288	2.081273	0.246148
0.001883	0.009471	7.230114	
0.75000	0.378288	2.994396	0.246148
0.001883	0.128007	7.447316	
1.00000	0.378288	3.917278	0.246148
0.001883	0.249369	6.484015	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.404379	-4.625629	-0.097586
-6.63E-06	-0.235940	-2.544411	
0.25000	-0.404379	-3.514663	-0.097586
-6.63E-06	-0.114574	-0.967959	
0.50000	-0.404379	-2.684847	-0.097586
-6.63E-06	-0.008344	-1.359996	
0.75000	-0.404379	-1.739587	-0.097586
-6.63E-06	-0.212590	-1.756613	
1.00000	-0.404379	-0.987348	-0.097586
-6.63E-06	-0.618609	-3.511550	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221329	0.780233	0.336696
0.002143	0.829566	5.832005	
0.25000	0.221329	1.808312	0.336696
0.002143	0.411851	9.153008	
0.50000	0.221329	3.298410	0.336696
0.002143	0.051712	12.184418	
0.75000	0.221329	4.750276	0.336696
0.002143	0.151985	12.812784	
1.00000	0.221329	6.217657	0.336696
0.002143	0.297176	11.584582	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.711557	-7.539529	-0.116740
-1.01E-05	-0.283364	-3.848707	
0.25000	-0.711557	-5.773092	-0.116740
-1.01E-05	-0.138137	-1.419298	
0.50000	-0.711557	-4.453685	-0.116740
-1.01E-05	-0.011213	-2.010229	
0.75000	-0.711557	-2.950723	-0.116740
-1.01E-05	-0.426755	-2.608424	
1.00000	-0.711557	-1.754662	-0.116740
-1.01E-05	-0.845354	-5.366347	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.339749	6.473678	0.378499
0.001832	0.925652	14.666753	
0.25000	0.339749	17.433384	0.378499
0.001832	0.463970	39.224750	
0.50000	0.339749	33.318400	0.378499
0.001832	0.037472	58.275688	
0.75000	0.339749	48.795833	0.378499
0.001832	0.177681	49.649765	
1.00000	0.339749	64.438675	0.378499
0.001832	0.347347	20.666935	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4073

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.002712	-66.570583	-0.136410
-0.000815	-0.331021	-35.807543	
0.25000	-1.002712	-47.739706	-0.136410
-0.000815	-0.161323	-8.173590	
0.50000	-1.002712	-33.674327	-0.136410
-0.000815	-0.028816	-12.270046	
0.75000	-1.002712	-17.652179	-0.136410
-0.000815	-0.489215	-16.303728	
1.00000	-1.002712	-4.901726	-0.136410
-0.000815	-0.959738	-43.430922	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.090000	0.162058	0.235546
7.35E-06	0.582933	2.819572	
0.25000	1.090000	0.168598	0.235546
7.35E-06	0.289415	3.792909	
0.50000	1.090000	0.187598	0.235546
7.35E-06	0.015916	4.840892	
0.75000	1.090000	0.208973	0.235546
7.35E-06	0.228185	5.927407	
1.00000	1.090000	0.227950	0.235546
7.35E-06	0.446349	6.998795	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162525	-1.083373	-0.175246
-0.002128	-0.424888	-0.281862	
0.25000	-0.162525	-1.066202	-0.175246
-0.002128	-0.206804	-0.385550	
0.50000	-0.162525	-1.045236	-0.175246
-0.002128	-0.007928	-0.552867	
0.75000	-0.162525	-1.025369	-0.175246
-0.002128	-0.293593	-0.727654	
1.00000	-0.162525	-1.013547	-0.175246
-0.002128	-0.587248	-0.923417	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.191512	12.624518	0.453172
6.94E-05	1.102071	15.665136	
0.25000	1.191512	23.036345	0.453172
6.94E-05	0.557720	50.633741	
0.50000	1.191512	53.282871	0.453172
6.94E-05	0.060641	77.942355	
0.75000	1.191512	87.313100	0.453172
6.94E-05	0.318811	60.266037	
1.00000	1.191512	117.523192	0.453172
6.94E-05	0.608739	21.116575	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.700348	-118.656192	-0.239311
-0.002600	-0.581095	-58.116587	
0.25000	-0.700348	-91.319110	-0.239311
-0.002600	-0.283627	-11.074275	
0.50000	-0.700348	-57.940633	-0.239311
-0.002600	-0.039480	-18.015954	
0.75000	-0.700348	-26.312717	-0.239311
-0.002600	-0.587013	-25.257908	
1.00000	-0.700348	-7.492728	-0.239311
-0.002600	-1.149023	-68.630555	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.118750	9.092665	0.566293
0.000626	1.388070	14.039524	
0.25000	1.118750	16.485514	0.566293
0.000626	0.698031	39.831476	
0.50000	1.118750	37.962139	0.566293
0.000626	0.053474	60.325144	
0.75000	1.118750	62.258311	0.566293
0.000626	0.348573	48.910255	
1.00000	1.118750	83.575994	0.566293
0.000626	0.672418	22.280939	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4074

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.782234	-85.324526	-0.264615
-0.002313	-0.643204	-41.612927	
0.25000	-0.782234	-65.913824	-0.264615
-0.002313	-0.314246	-8.306160	
0.50000	-0.782234	-42.213429	-0.264615
-0.002313	-0.033948	-13.411125	
0.75000	-0.782234	-19.756019	-0.264615
-0.002313	-0.723264	-18.729016	
1.00000	-0.782234	-6.392879	-0.264615
-0.002313	-1.426540	-49.699107	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.124391	7.618875	0.608335
0.001266	1.492113	12.737287	
0.25000	1.124391	13.755057	0.608335
0.001266	0.747427	34.484543	
0.50000	1.124391	31.580998	0.608335
0.001266	0.048909	51.869239	
0.75000	1.124391	51.636816	0.608335
0.001266	0.379142	42.800492	
1.00000	1.124391	69.441224	0.608335
0.001266	0.733250	21.100496	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.790323	-71.186290	-0.288468
-0.001927	-0.700174	-34.771690	
0.25000	-0.790323	-55.075099	-0.288468
-0.001927	-0.341744	-7.145072	
0.50000	-0.790323	-35.403393	-0.288468
-0.001927	-0.032470	-11.460909	
0.75000	-0.790323	-16.763386	-0.288468
-0.001927	-0.752287	-15.387574	
1.00000	-0.790323	-5.671767	-0.288468
-0.001927	-1.531930	-41.738152	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075712	8.938115	0.227753
0.000249	0.550089	10.195757	
0.25000	0.075712	16.236787	0.227753
0.000249	0.280763	34.210071	
0.50000	0.075712	37.439825	0.227753
0.000249	0.033324	52.891566	
0.75000	0.075712	61.295186	0.227753
0.000249	0.077522	40.167457	
1.00000	0.075712	82.472612	0.227753
0.000249	0.142374	12.380636	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.630514	-82.913434	-0.056245
-0.000140	-0.137675	-40.778669	
0.25000	-0.630514	-63.750002	-0.056245
-0.000140	-0.067493	-7.676645	
0.50000	-0.630514	-40.351523	-0.056245
-0.000140	-0.023581	-12.463810	
0.75000	-0.630514	-18.180195	-0.056245
-0.000140	-0.300073	-17.456072	
1.00000	-0.630514	-4.987286	-0.056245
-0.000140	-0.581685	-47.786273	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.246810	8.509075	0.395716
0.001028	0.966518	11.506672	
0.25000	0.246810	15.474206	0.395716
0.001028	0.488191	35.174090	
0.50000	0.246810	35.708287	0.395716
0.001028	0.038888	53.790476	
0.75000	0.246810	58.473484	0.395716
0.001028	0.166106	42.375383	
1.00000	0.246810	78.683124	0.395716
0.001028	0.315608	16.594403	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717745	-79.784199	-0.124472
-0.000134	-0.303232	-39.181141	
0.25000	-0.717745	-61.496516	-0.124472
-0.000134	-0.148638	-7.640581	
0.50000	-0.717745	-39.167321	-0.124472
-0.000134	-0.026827	-12.351761	
0.75000	-0.717745	-18.009199	-0.124472
-0.000134	-0.511630	-17.257070	
1.00000	-0.717745	-5.419193	-0.124472
-0.000134	-1.001993	-46.332147	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.726321	5.908103	0.553001
0.000934	1.359536	11.272590	
0.25000	0.726321	10.434457	0.553001
0.000934	0.680395	27.506041	
0.50000	0.726321	23.583760	0.553001
0.000934	0.039588	40.603652	
0.75000	0.726321	38.377932	0.553001
0.000934	0.299286	34.824573	
1.00000	0.726321	51.511352	0.553001
0.000934	0.579651	19.505864	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.866196	-53.234744	-0.228121
-0.001548	-0.554543	-25.860605	
0.25000	-0.866196	-41.350326	-0.228121
-0.001548	-0.270968	-5.496544	
0.50000	-0.866196	-26.839494	-0.228121
-0.001548	-0.025652	-8.732283	
0.75000	-0.866196	-13.089695	-0.228121
-0.001548	-0.703094	-12.097486	
1.00000	-0.866196	-4.907964	-0.228121
-0.001548	-1.389950	-31.174012	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.674453	5.015252	0.610695
0.001526	1.500438	10.369115	
0.25000	0.674453	8.811739	0.610695
0.001526	0.748278	24.307481	
0.50000	0.674453	19.840738	0.610695
0.001526	0.037057	35.768437	
0.75000	0.674453	32.249373	0.610695
0.001526	0.339791	31.048484	
1.00000	0.674453	43.265051	0.610695
0.001526	0.659657	18.498529	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.927122	-44.907608	-0.259607
-0.001290	-0.603733	-21.847064	
0.25000	-0.927122	-34.939533	-0.259607
-0.001290	-0.307613	-4.862375	
0.50000	-0.927122	-22.768549	-0.259607
-0.001290	-0.026443	-7.652242	
0.75000	-0.927122	-11.235883	-0.259607
-0.001290	-0.777487	-10.550573	
1.00000	-0.927122	-4.373442	-0.259607
-0.001290	-1.536220	-26.626959	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.072886	0.110979	0.240695
0.001166	0.589559	1.492414	
0.25000	0.072886	0.117519	0.240695
0.001166	0.290414	1.928659	
0.50000	0.072886	0.136519	0.240695
0.001166	0.006073	2.364982	
0.75000	0.072886	0.157894	0.240695
0.001166	0.138912	2.781519	
1.00000	0.072886	0.176871	0.240695
0.001166	0.271319	3.183625	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.418919	-0.453662	-0.106744
-5.44E-07	-0.257991	-0.324397	
0.25000	-0.418919	-0.436490	-0.106744
-5.44E-07	-0.125562	-0.403492	
0.50000	-0.418919	-0.415524	-0.106744
-5.44E-07	-0.008398	-0.525562	
0.75000	-0.418919	-0.395657	-0.106744
-5.44E-07	-0.308097	-0.651170	
1.00000	-0.418919	-0.383836	-0.106744
-5.44E-07	-0.607474	-0.799834	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.370163	0.446571	0.399373
0.001993	0.980191	3.230142	
0.25000	0.370163	0.662392	0.399373
0.001993	0.484230	4.773473	
0.50000	0.370163	1.289364	0.399373
0.001993	0.013147	6.231765	
0.75000	0.370163	1.994764	0.399373
0.001993	0.240988	6.859538	
1.00000	0.370163	2.620978	0.399373
0.001993	0.469932	7.045892	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.537271	-3.361368	-0.184904
-4.54E-06	-0.446269	-1.836858	
0.25000	-0.537271	-2.794707	-0.184904
-4.54E-06	-0.217287	-0.912392	
0.50000	-0.537271	-2.102817	-0.184904
-4.54E-06	-0.013356	-1.266803	
0.75000	-0.537271	-1.447213	-0.184904
-4.54E-06	-0.509678	-1.627228	
1.00000	-0.537271	-1.057100	-0.184904
-4.54E-06	-1.005986	-2.737274	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270211	0.364875	0.525261
0.002107	1.293694	4.962400	
0.25000	0.270211	0.370762	0.525261
0.002107	0.640620	6.342857	
0.50000	0.270211	0.387861	0.525261
0.002107	0.018334	7.956443	
0.75000	0.270211	0.407099	0.525261
0.002107	0.261666	9.731326	
1.00000	0.270211	0.424177	0.525261
0.002107	0.511787	11.494530	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.827745	-1.739406	-0.201822
-4.63E-06	-0.488873	-0.774171	
0.25000	-0.827745	-1.723951	-0.201822
-4.63E-06	-0.238775	-0.953940	
0.50000	-0.827745	-1.705082	-0.201822
-4.63E-06	-0.014833	-1.226572	
0.75000	-0.827745	-1.687202	-0.201822
-4.63E-06	-0.666222	-1.575802	
1.00000	-0.827745	-1.676562	-0.201822
-4.63E-06	-1.318932	-1.909706	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.454216	5.427453	0.617180
0.001814	1.513970	10.510848	
0.25000	0.454216	9.547672	0.617180
0.001814	0.754344	25.292289	
0.50000	0.454216	21.517128	0.617180
0.001814	0.036040	37.343770	
0.75000	0.454216	34.983864	0.617180
0.001814	0.320019	31.873344	
1.00000	0.454216	46.938863	0.617180
0.001814	0.620051	17.899378	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.086806	-48.422940	-0.244293
-0.000843	-0.592378	-23.697072	
0.25000	-1.086806	-37.604873	-0.244293
-0.000843	-0.289282	-5.199079	
0.50000	-1.086806	-24.396054	-0.244293
-0.000843	-0.027783	-8.180632	
0.75000	-1.086806	-11.879982	-0.244293
-0.000843	-0.788282	-11.281391	
1.00000	-1.086806	-4.432372	-0.244293
-0.000843	-1.554733	-28.679561	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.913625	11.436172	0.378499
0.002143	0.925652	20.275737	
0.25000	0.913625	31.523578	0.378499
0.002143	0.463970	64.224487	
0.50000	0.913625	60.638298	0.378499
0.002143	0.053451	97.665863	
0.75000	0.913625	89.005982	0.378499
0.002143	0.200096	79.836645	
1.00000	0.913625	117.676835	0.378499
0.002143	0.391135	24.543594	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.002712	-120.111870	-0.153594
-0.002401	-0.372692	-64.905212	
0.25000	-1.002712	-85.597853	-0.153594
-0.002401	-0.181619	-14.044231	
0.50000	-1.002712	-59.818239	-0.153594
-0.002401	-0.041015	-21.126262	
0.75000	-1.002712	-30.452178	-0.153594
-0.002401	-0.489215	-28.349800	
1.00000	-1.002712	-7.082617	-0.153594
-0.002401	-0.959738	-77.771794	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.191512	12.624518	0.617180
0.002107	1.513970	15.665136	
0.25000	1.191512	23.036245	0.617180
0.002107	0.754344	50.633741	
0.50000	1.191512	53.282871	0.617180
0.002107	0.060641	77.942355	
0.75000	1.191512	87.313100	0.617180
0.002107	0.379142	60.266037	
1.00000	1.191512	117.523192	0.617180
0.002107	0.733250	22.280939	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.086806	-118.656192	-0.288468
-0.002600	-0.700174	-58.216567	
0.25000	-1.086806	-91.319110	-0.288468
-0.002600	-0.341744	-11.074275	
0.50000	-1.086806	-57.940633	-0.288468
-0.002600	-0.039480	-18.015954	
0.75000	-1.086806	-26.312717	-0.288468
-0.002600	-0.788282	-25.257908	
1.00000	-1.086806	-7.492726	-0.288468
-0.002600	-1.554733	-68.630555	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.191512	12.624518	0.617180
0.002143	1.513970	20.275737	
0.25000	1.191512	31.523578	0.617180
0.002143	0.754344	64.224487	
0.50000	1.191512	60.638298	0.617180
0.002143	0.060641	97.665863	
0.75000	1.191512	89.005982	0.617180
0.002143	0.379142	79.836645	
1.00000	1.191512	117.676835	0.617180
0.002143	0.733250	24.543594	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.086806	-120.111870	-0.288468
-0.002600	-0.700174	-64.905212	
0.25000	-1.086806	-91.319110	-0.288468
-0.002600	-0.341744	-11.044231	
0.50000	-1.086806	-59.818239	-0.288468
-0.002600	-0.041015	-21.126262	
0.75000	-1.086806	-30.452178	-0.288468
-0.002600	-0.788282	-28.349800	
1.00000	-1.086806	-7.492726	-0.288468
-0.002600	-1.554733	-77.771794	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.191512	12.624518	0.617180
0.002143	1.513970	20.275737	
0.25000	1.191512	31.523578	0.617180
0.002143	0.754344	64.224487	
0.50000	1.191512	60.638298	0.617180
0.002143	0.060641	97.665863	
0.75000	1.191512	89.005982	0.617180
0.002143	0.379142	79.836645	
1.00000	1.191512	117.676835	0.617180
0.002143	0.733250	24.543594	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.086806	-120.111870	-0.288468
-0.002600	-0.700174	-64.905212	
0.25000	-1.086806	-91.319110	-0.288468
-0.002600	-0.341744	-14.044231	
0.50000	-1.086806	-59.818239	-0.288468
-0.002600	-0.041015	-21.126262	
0.75000	-1.086806	-30.452178	-0.288468
-0.002600	-0.788282	-28.349800	
1.00000	-1.086806	-7.492726	-0.288468
-0.002600	-1.554733	-77.771794	

ELEM 392 ========== LENGTH = 4.973122

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.848366	0.312995	0.097426
4.40E-06	0.245540	6.863056	
0.25000	0.848366	0.336705	0.097426
4.40E-06	0.131036	6.963941	
0.50000	0.848366	0.360807	0.097426
4.40E-06	0.023458	7.101570	
0.75000	0.848366	0.397657	0.097426
4.40E-06	0.117238	7.307201	
1.00000	0.848366	0.428909	0.097426
4.40E-06	0.234990	7.567451	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087790	-0.493247	-0.094706
-0.001311	-0.235997	-0.728165	
0.25000	-0.087790	-0.461608	-0.094706
-0.001311	-0.111641	-0.726340	
0.50000	-0.087790	-0.432082	-0.094706
-0.001311	-0.002578	-0.779158	
0.75000	-0.087790	-0.400626	-0.094706
-0.001311	-0.120228	-0.832654	
1.00000	-0.087790	-0.376678	-0.094706
-0.001311	-0.241348	-0.939051	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.918414	11.354367	0.209473
4.71E-05	0.556597	24.497381	
0.25000	0.918414	33.451652	0.209473
4.71E-05	0.303174	77.259783	
0.50000	0.918414	62.699607	0.209473
4.71E-05	0.084697	104.636138	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.918414	90.259157	0.209473
4.71E-05	0.160541	82.431012	
1.00000	0.918414	119.385756	0.209473
4.71E-05	0.323238	25.306137	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.693877	-119.367972	-0.130816
-0.001732	-0.371713	-77.750921	
0.25000	-0.693877	-89.880606	-0.130816
-0.001732	-0.164616	-27.319007	
0.50000	-0.693877	-62.362340	-0.130816
-0.001732	-0.042665	-27.805727	
0.75000	-0.693877	-33.044799	-0.130816
-0.001732	-0.269508	-28.923653	
1.00000	-0.693877	-10.726985	-0.130816
-0.001732	-0.523338	-79.345499	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.843193	8.154808	0.287781
0.000382	0.756985	24.262037	
0.25000	0.843193	23.198507	0.287781
0.000382	0.404234	60.083919	
0.50000	0.843193	43.110339	0.287781
0.000382	0.083442	78.815898	
0.75000	0.843193	61.872714	0.287781
0.000382	0.181001	64.001222	
1.00000	0.843193	81.701928	0.287781
0.000382	0.362026	25.541663	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.706715	-81.708155	-0.147149
-0.001634	-0.369745	-53.684251	
0.25000	-0.706715	-61.633333	-0.147149
-0.001634	-0.186714	-19.410335	
0.50000	-0.706715	-42.899063	-0.147149
-0.001634	-0.041805	-19.804946	
0.75000	-0.706715	-22.939857	-0.147149
-0.001634	-0.348857	-20.634678	
1.00000	-0.706715	-7.745289	-0.147149
-0.001634	-0.699312	-55.027523	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.951887	6.845873	0.320617
0.000788	0.839697	22.517079	
0.25000	0.951887	19.328942	0.320617
0.000788	0.445321	52.314659	
0.50000	0.951887	35.851526	0.320617
0.000788	0.078877	67.949100	
0.75000	0.951887	51.420306	0.320617
0.000788	0.197005	55.790186	
1.00000	0.951887	67.874335	0.320617
0.000788	0.397250	24.040890	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.716888	-67.969246	-0.160991
-0.001361	-0.403357	-44.930483	
0.25000	-0.716888	-51.311416	-0.160991
-0.001361	-0.203125	-16.528741	
0.50000	-0.716888	-35.765957	-0.160991
-0.001361	-0.027958	-16.896741	
0.75000	-0.716888	-19.204063	-0.160991
-0.001361	-0.383257	-17.621319	
1.00000	-0.716888	-6.595804	-0.160991
-0.001361	-0.775687	-46.198418	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044012	9.392028	0.134753
0.000167	0.355349	16.469072	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.044012	27.885463	0.134753
0.000167	0.193365	60.607812	
0.50000	0.044012	52.363365	0.134753
0.000167	0.056749	83.371054	
0.75000	0.044012	75.428225	0.134753
0.000167	0.040545	64.636816	
1.00000	0.044012	99.804563	0.134753
0.000167	0.083609	16.669537	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.720968	-99.746963	-0.034565
-0.000275	-0.088275	-64.696877	
0.25000	-0.720968	-75.068695	-0.034565
-0.000275	-0.045207	-22.453254	
0.50000	-0.720968	-52.038386	-0.034565
-0.000275	-0.034186	-22.831471	
0.75000	-0.720968	-27.502247	-0.034565
-0.000275	-0.175524	-23.737950	
1.00000	-0.720968	-8.823345	-0.034565
-0.000275	-0.342995	-65.907367	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.254323	8.946443	0.241613
0.000641	0.631373	20.022507	
0.25000	0.254323	26.159564	0.241613
0.000641	0.336778	61.103050	
0.50000	0.254323	48.942842	0.241613
0.000641	0.070096	82.417144	
0.75000	0.254323	70.410903	0.241613
0.000641	0.084704	65.195437	
1.00000	0.254323	93.099849	0.241613
0.000641	0.173241	20.792660	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.753373	-93.092865	-0.071149
-0.000294	-0.180559	-60.777673	
0.25000	-0.753373	-70.123093	-0.071149
-0.000294	-0.092020	-21.511362	
0.50000	-0.753373	-48.687190	-0.071149
-0.000294	-0.033967	-21.916149	
0.75000	-0.753373	-25.849706	-0.071149
-0.000294	-0.295833	-22.812625	
1.00000	-0.753373	-8.463959	-0.071149
-0.000294	-0.595931	-62.115395	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.628160	6.893387	0.298522
0.000581	0.781873	22.385887	
0.25000	0.628160	19.077716	0.298522
0.000581	0.414749	51.307999	
0.50000	0.628160	35.204888	0.298522
0.000581	0.076038	66.367710	
0.75000	0.628160	50.401081	0.298522
0.000581	0.155712	54.489023	
1.00000	0.628160	66.461339	0.298522
0.000581	0.315100	23.589943	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.814205	-66.468002	-0.128144
-0.001223	-0.322146	-43.748536	
0.25000	-0.814205	-50.208820	-0.128144
-0.001223	-0.162747	-16.014790	
0.50000	-0.814205	-35.035390	-0.128144
-0.001223	-0.026849	-16.362279	
0.75000	-0.814205	-18.869849	-0.128144
-0.001223	-0.351255	-17.057811	
1.00000	-0.814205	-6.563326	-0.128144
-0.001223	-0.721940	-44.939291	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.571435	5.790587	0.332240
0.000963	0.866822	20.590719	
0.25000	0.571435	15.997541	0.332240
0.000963	0.457162	44.945569	
0.50000	0.571435	29.507460	0.332240
0.000963	0.072021	57.698977	
0.75000	0.571435	42.291588	0.332240
0.000963	0.182269	47.883850	
1.00000	0.571435	55.691352	0.332240
0.000963	0.367516	22.139646	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.861216	-55.800048	-0.148939
-0.001020	-0.373153	-37.017672	
0.25000	-0.861216	-42.179542	-0.148939
-0.001020	-0.187902	-13.822494	
0.50000	-0.861216	-29.468584	-0.148939
-0.001020	-0.028916	-14.115394	
0.75000	-0.861216	-15.926522	-0.148939
-0.001020	-0.368951	-14.771653	
1.00000	-0.861216	-5.617205	-0.148939
-0.001020	-0.801609	-38.166053	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048061	0.066645	0.130693
0.000759	0.336468	2.706344	
0.25000	0.048061	0.090355	0.130693
0.000759	0.173990	2.973873	
0.50000	0.048061	0.121737	0.130693
0.000759	0.012587	3.220339	
0.75000	0.048061	0.151307	0.130693
0.000759	0.083430	3.420598	
1.00000	0.048061	0.182559	0.130693
0.000759	0.166659	3.591351	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345369	-0.332048	-0.066937
-6.45E-07	-0.166225	-0.653800	
0.25000	-0.345369	-0.300409	-0.066937
-6.45E-07	-0.082996	-0.658242	
0.50000	-0.345369	-0.270883	-0.066937
-6.45E-07	-0.002245	-0.717329	
0.75000	-0.345369	-0.239427	-0.066937
-6.45E-07	-0.151224	-0.777130	
1.00000	-0.345369	-0.215479	-0.066937
-6.45E-07	-0.313691	-0.889896	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.405942	0.569952	0.226270
0.001275	0.584322	6.422009	
0.25000	0.405942	1.281238	0.226270
0.001275	0.303254	8.374694	
0.50000	0.405942	2.222696	0.226270
0.001275	0.026712	9.547381	
0.75000	0.405942	3.109806	0.226270
0.001275	0.131977	9.199448	
1.00000	0.405942	4.047357	0.226270
0.001275	0.263724	7.772660	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.462330	-4.268353	-0.105940
-5.52E-06	-0.263128	-3.493796	
0.25000	-0.462330	-3.319189	-0.105940
-5.52E-06	-0.131394	-1.970114	
0.50000	-0.462330	-2.433408	-0.105940
-5.52E-06	-0.005193	-2.085740	
0.75000	-0.462330	-1.489710	-0.105940
-5.52E-06	-0.261188	-2.221709	
1.00000	-0.462330	-0.771291	-0.105940
-5.52E-06	-0.542446	-3.944832	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233292	1.103116	0.308152
0.001356	0.797227	11.505663	
0.25000	0.233292	2.234061	0.308152
0.001356	0.414677	14.321235	
0.50000	0.233292	3.730979	0.308152
0.001356	0.042655	15.987975	
0.75000	0.233292	5.141484	0.308152
0.001356	0.149512	15.379036	
1.00000	0.233292	6.632191	0.308152
0.001356	0.301632	13.157744	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.740155	-6.820618	-0.122304
-0.000170	-0.306574	-5.341979	
0.25000	-0.740155	-5.311447	-0.122304
-0.000170	-0.154461	-2.892030	
0.50000	-0.740155	-3.903055	-0.122304
-0.000170	-0.007403	-3.048570	
0.75000	-0.740155	-2.402575	-0.122304
-0.000170	-0.354600	-3.237438	
1.00000	-0.740155	-1.260289	-0.122304
-0.000170	-0.737448	-5.949796	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.366079	6.634292	0.342895
0.001124	0.892896	26.581810	
0.25000	0.366079	18.690590	0.342895
0.001124	0.470461	49.425212	
0.50000	0.366079	34.648299	0.342895
0.001124	0.073014	64.485796	
0.75000	0.366079	49.684813	0.342895
0.001124	0.175009	52.763549	
1.00000	0.366079	65.581810	0.342895
0.001124	0.352921	22.156017	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.050137	-65.701525	-0.143037
-0.000744	-0.358399	-43.409660	
0.25000	-1.050137	-49.613193	-0.143037
-0.000744	-0.180496	-15.986192	
0.50000	-1.050137	-34.599203	-0.143037
-0.000744	-0.027027	-16.348884	
0.75000	-1.050137	-18.603528	-0.143037
-0.000744	-0.405278	-17.055981	
1.00000	-1.050137	-6.426320	-0.143037
-0.000744	-0.831251	-44.663426	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.095108	0.298208	0.212142
4.28E-06	0.545859	6.938766	
0.25000	1.095108	0.306183	0.212142
4.28E-06	0.283753	7.090108	
0.50000	1.095108	0.325383	0.212142
4.28E-06	0.021750	7.228652	
0.75000	1.095108	0.346335	0.212142
4.28E-06	0.225892	7.490168	
1.00000	1.095108	0.364744	0.212142
4.28E-06	0.454857	7.743834	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151119	-0.442048	-0.184160
-0.001338	-0.460686	-0.868852	
0.25000	-0.151119	-0.423757	-0.184160
-0.001338	-0.231439	-0.916762	
0.50000	-0.151119	-0.402830	-0.184160
-0.001338	-0.003265	-0.993010	
0.75000	-0.151119	-0.383583	-0.184160
-0.001338	-0.244604	-1.069258	
1.00000	-0.151119	-0.375169	-0.184160
-0.001338	-0.509023	-1.172623	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.197173	12.587273	0.412482
3.90E-05	1.064193	21.010219	
0.25000	1.197173	25.282558	0.412482
3.90E-05	0.567796	61.043924	
0.50000	1.197173	55.848922	0.412482
3.90E-05	0.091082	84.658237	
0.75000	1.197173	89.205249	0.412482
3.90E-05	0.314427	62.990993	
1.00000	1.197173	118.511426	0.412482
3.90E-05	0.611434	23.671828	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.693615	-118.798297	-0.248305
-0.001718	-0.627366	-68.574141	
0.25000	-0.693615	-89.680158	-0.248305
-0.001718	-0.327534	-24.381275	
0.50000	-0.693615	-56.364173	-0.248305
-0.001718	-0.032545	-25.120924	
0.75000	-0.693615	-25.722471	-0.248305
-0.001718	-0.498513	-26.095208	
1.00000	-0.693615	-12.327381	-0.248305
-0.001718	-1.007503	-70.294443	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.126063	9.311886	0.513193
0.000332	1.327848	22.150709	
0.25000	1.126063	18.326177	0.513193
0.000332	0.701482	50.657560	
0.50000	1.126063	40.029832	0.513193
0.000332	0.093791	67.616228	
0.75000	1.126063	63.714500	0.513193
0.000332	0.339006	52.490516	
1.00000	1.126063	84.523358	0.513193
0.000332	0.669590	24.855987	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.767574	-84.778404	-0.272449
-0.001605	-0.688077	-49.639419	
0.25000	-0.767574	-64.130063	-0.272449
-0.001605	-0.355464	-18.343264	
0.50000	-0.767574	-40.447039	-0.272449
-0.001605	-0.026435	-18.953495	
0.75000	-0.767574	-18.689890	-0.272449
-0.001605	-0.604213	-19.728014	
1.00000	-0.767574	-9.178703	-0.272449
-0.001605	-1.238495	-51.195069	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.143356	7.805490	0.555553
0.000736	1.434760	20.975861	
0.25000	1.143356	15.287495	0.555553
0.000736	0.753822	44.759278	
0.50000	1.143356	33.301874	0.555553
0.000736	0.089593	58.975622	
0.75000	1.143356	52.960526	0.555553
0.000736	0.372114	46.596427	
1.00000	1.143356	70.232209	0.555553
0.000736	0.738242	23.837841	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.797883	-70.548222	-0.300039
-0.001337	-0.755036	-41.092549	
0.25000	-0.797883	-53.387359	-0.300039
-0.001337	-0.387318	-15.760985	
0.50000	-0.797883	-33.752483	-0.300039
-0.001337	-0.023626	-16.312295	
0.75000	-0.797883	-15.693703	-0.300039
-0.001337	-0.652356	-17.000108	
1.00000	-0.797883	-7.799267	-0.300039
-0.001337	-1.339973	-43.163235	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069393	8.838224	0.210421
0.000139	0.541771	12.330879	
0.25000	0.069393	17.737682	0.210421
0.000139	0.292059	40.223506	
0.50000	0.069393	39.164858	0.210421
0.000139	0.053694	56.644663	
0.75000	0.069393	62.547810	0.210421
0.000139	0.073574	41.438677	
1.00000	0.069393	83.091587	0.210421
0.000139	0.134338	13.850279	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.623948	-83.241909	-0.055219
-0.000267	-0.143622	-47.784370	
0.25000	-0.623948	-62.829947	-0.055219
-0.000267	-0.089878	-16.776543	
0.50000	-0.623948	-39.475274	-0.055219
-0.000267	-0.021496	-17.266490	
0.75000	-0.623948	-17.995287	-0.055219
-0.000267	-0.258465	-17.922027	
1.00000	-0.623948	-8.605261	-0.055219
-0.000267	-0.518145	-48.877085	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.250276	8.592803	0.362046
0.000549	0.935210	11.516953	
0.25000	0.250276	17.085566	0.362046
0.000549	0.497191	43.322724	
0.50000	0.250276	37.533542	0.362046
0.000549	0.071978	59.181530	
0.75000	0.250276	59.847919	0.362046
0.000549	0.160364	44.823402	
1.00000	0.250276	79.452867	0.362046
0.000549	0.309662	18.669246	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717022	-79.684457	-0.126623
-0.000277	-0.322566	-46.327113	
0.25000	-0.717022	-60.205300	-0.126623
-0.000277	-0.171033	-16.800741	
0.50000	-0.717022	-37.917911	-0.126623
-0.000277	-0.023004	-17.334433	
0.75000	-0.717022	-17.419536	-0.126623
-0.000277	-0.431202	-18.235541	
1.00000	-0.717022	-8.458624	-0.126623
-0.000277	-0.876727	-47.629003	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.744404	6.169954	0.504886
0.000499	1.305578	19.383251	
0.25000	0.744404	11.689054	0.504886
0.000499	0.685199	36.714986	
0.50000	0.744404	24.977359	0.504886
0.000499	0.079936	47.156956	
0.75000	0.744404	39.478561	0.504886
0.000499	0.290577	38.251673	
1.00000	0.744404	52.219016	0.504886
0.000499	0.577643	21.707339	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.862848	-52.400626	-0.235171
-0.001196	-0.593378	-31.127415	
0.25000	-0.862848	-39.741918	-0.235171
-0.001196	-0.304715	-12.032456	
0.50000	-0.862848	-25.258254	-0.235171
-0.001196	-0.018698	-12.470738	
0.75000	-0.862848	-11.937197	-0.235171
-0.001196	-0.586458	-13.009349	
1.00000	-0.862848	-6.113867	-0.235171
-0.001196	-1.212989	-32.339933	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.697793	5.200656	0.563197
0.000909	1.452382	18.378674	
0.25000	0.697793	9.829810	0.563197
0.000909	0.758400	33.092594	
0.50000	0.697793	20.975397	0.563197
0.000909	0.077341	42.031665	
0.75000	0.697793	33.138304	0.563197
0.000909	0.331981	34.732617	
1.00000	0.697793	43.824382	0.563197
0.000909	0.662592	21.024086	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.952381	-44.098240	-0.269644
-0.000997	-0.677908	-26.595248	
0.25000	-0.952381	-33.480727	-0.269644
-0.000997	-0.346188	-10.623970	
0.50000	-0.952381	-21.332531	-0.269644
-0.000997	-0.017335	-11.039632	
0.75000	-0.952381	-10.159473	-0.269644
-0.000997	-0.655815	-11.532789	
1.00000	-0.952381	-5.275145	-0.269644
-0.000997	-1.355005	-27.790980	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.084673	0.075794	0.231324
0.000793	0.590220	3.154374	
0.25000	0.084673	0.083769	0.231324
0.000793	0.302654	3.455808	
0.50000	0.084673	0.102969	0.231324
0.000793	0.015690	3.750173	
0.75000	0.084673	0.123921	0.231324
0.000793	0.138640	4.024253	
1.00000	0.084673	0.142329	0.231324
0.000793	0.279318	4.289684	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468692	-0.337225	-0.113491
-3.92E-07	-0.282596	-0.808354	
0.25000	-0.468692	-0.318934	-0.113491
-3.92E-07	-0.141981	-0.848025	
0.50000	-0.468692	-0.298907	-0.113491
-3.92E-07	-0.002602	-0.918063	
0.75000	-0.468692	-0.278760	-0.113491
-3.92E-07	-0.272728	-0.988309	
1.00000	-0.468692	-0.270346	-0.113491
-3.92E-07	-0.560316	-1.085788	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.398769	0.476347	0.377865
0.001284	0.967728	6.995263	
0.25000	0.398769	0.739503	0.377865
0.001284	0.496255	8.186752	
0.50000	0.398769	1.373102	0.377865
0.001284	0.032162	9.065817	
0.75000	0.398769	2.064533	0.377865
0.001284	0.243039	9.096807	
1.00000	0.398769	2.672011	0.377865
0.001284	0.488244	8.786421	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.606906	-2.970171	-0.197993
-3.60E-06	-0.248017	-1.956699	
0.25000	-0.606906	-2.366591	-0.197993
-3.60E-06	-0.248017	-1.956699	
0.50000	-0.606906	-1.675996	-0.197993
-3.60E-06	-0.005207	-2.092914	
0.75000	-0.606906	-1.040835	-0.197993
-3.60E-06	-0.442414	-2.234277	
1.00000	-0.606906	-0.751773	-0.197993
-3.60E-06	-0.912086	-3.271697	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.288448	0.566837	0.489681
0.001319	1.260402	11.408576	
0.25000	0.288448	0.574014	0.489681
0.001319	0.651788	11.730871	
0.50000	0.288448	0.591294	0.489681
0.001319	0.048868	12.193174	
0.75000	0.288448	0.610151	0.489681
0.001319	0.255812	12.846223	
1.00000	0.288448	0.626718	0.489681
0.001319	0.516943	13.525436	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.869465	-0.898007	-0.210601
-0.000173	-0.527282	-1.913338	
0.25000	-0.869465	-0.881546	-0.210601
-0.000173	-0.266387	-2.055548	
0.50000	-0.869465	-0.862711	-0.210601
-0.000173	-0.006401	-2.223150	
0.75000	-0.869465	-0.845389	-0.210601
-0.000173	-0.566965	-2.391929	
1.00000	-0.869465	-0.837816	-0.210601
-0.000173	-1.175634	-2.584631	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.473976	5.554776	0.574203
0.001096	1.477648	17.785855	
0.25000	0.473976	10.578664	0.574203
0.001096	0.770522	33.750502	
0.50000	0.473976	22.674650	0.574203
0.001096	0.075811	43.412789	
0.75000	0.473976	35.874704	0.574203
0.001096	0.313420	35.458277	
1.00000	0.473976	47.471997	0.574203
0.001096	0.624046	20.544679	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.127854	-47.786133	-0.254061
-0.000715	-0.638555	-28.668258	
0.25000	-1.127854	-36.263251	-0.254061
-0.000715	-0.326824	-11.317283	
0.50000	-1.127854	-23.079162	-0.254061
-0.000715	-0.018023	-11.745922	
0.75000	-1.127854	-10.953362	-0.254061
-0.000715	-0.672564	-12.258449	
1.00000	-1.127854	-5.652541	-0.254061
-0.000715	-1.385423	-29.895749	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.951887	11.354367	0.342895
0.001356	0.892896	24.497381	
0.25000	0.951887	33.451652	0.342895
0.001356	0.470461	77.259783	
0.50000	0.951887	62.699607	0.342895
0.001356	0.094397	104.636138	
0.75000	0.951887	90.259157	0.342895
0.001356	0.197005	82.431012	
1.00000	0.951887	119.385756	0.342895
0.001356	0.397250	25.541663	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.050137	-119.367972	-0.160991
-0.001732	-0.403357	-77.759921	
0.25000	-1.050137	-89.880606	-0.160991
-0.001732	-0.203125	-27.319007	
0.50000	-1.050137	-62.362340	-0.160991
-0.001732	-0.042665	-27.805727	
0.75000	-1.050137	-33.044799	-0.160991
-0.001732	-0.405278	-28.923653	
1.00000	-1.050137	-10.725905	-0.160991
-0.001732	-0.831251	-79.345499	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.197173	12.587273	0.574203
0.001319	1.477648	22.150709	
0.25000	1.197173	25.282558	0.574203
0.001319	0.770522	61.043924	
0.50000	1.197173	55.848922	0.574203
0.001319	0.093791	84.658237	
0.75000	1.197173	89.205249	0.574203
0.001319	0.372114	62.990993	
1.00000	1.197173	118.511426	0.574203
0.001319	0.738242	24.855987	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.127854	-118.798297	-0.300039
-0.001718	-0.755036	-68.574141	
0.25000	-1.127854	-89.680158	-0.300039
-0.001718	-0.387318	-24.381275	
0.50000	-1.127854	-56.364173	-0.300039
-0.001718	-0.032545	-25.120924	
0.75000	-1.127854	-25.722471	-0.300039
-0.001718	-0.672564	-26.095208	
1.00000	-1.127854	-12.327381	-0.300039
-0.001718	-1.385423	-70.294443	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.197173	12.587273	0.574203
0.001356	1.477648	24.497381	
0.25000	1.197173	33.451652	0.574203
0.001356	0.770522	77.259783	
0.50000	1.197173	62.699607	0.574203
0.001356	0.093791	104.636138	
0.75000	1.197173	90.259157	0.574203
0.001356	0.372114	82.431012	
1.00000	1.197173	119.385756	0.574203
0.001356	0.738242	25.541663	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.127854	-119.367972	-0.300039
-0.001732	-0.755036	-77.759921	
0.25000	-1.127854	-89.880606	-0.300039
-0.001732	-0.387318	-27.319007	
0.50000	-1.127854	-62.362340	-0.300039
-0.001732	-0.042665	-27.805727	
0.75000	-1.127854	-33.044799	-0.300039
-0.001732	-0.672564	-28.923653	
1.00000	-1.127854	-12.327381	-0.300039
-0.001732	-1.385423	-79.345499	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.197173	12.587273	0.574203
0.001356	1.477648	24.497381	
0.25000	1.197173	33.451652	0.574203
0.001356	0.770522	77.259783	
0.50000	1.197173	62.699607	0.574203
0.001356	0.093791	104.636138	
0.75000	1.197173	90.259157	0.574203
0.001356	0.372114	82.431012	
1.00000	1.197173	119.385756	0.574203
0.001356	0.738242	25.541663	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.127854	-119.367972	-0.300039
-0.001732	-0.755036	-77.759921	
0.25000	-1.127854	-89.880606	-0.300039
-0.001732	-0.387318	-27.319007	
0.50000	-1.127854	-62.362340	-0.300039
-0.001732	-0.042665	-27.805727	
0.75000	-1.127854	-33.044799	-0.300039
-0.001732	-0.672564	-28.923653	
1.00000	-1.127854	-12.327381	-0.300039
-0.001732	-1.385423	-79.345499	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 393 ========== LENGTH = 4.972319

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.650119	0.291413	0.095602
0.000150	0.238307	7.544725	
0.25000	0.650119	0.315220	0.095602
0.000150	0.119485	7.599692	
0.50000	0.650119	0.346617	0.095602
0.000150	0.024152	7.807828	
0.75000	0.650119	0.376136	0.095602
0.000150	0.116669	8.088883	
1.00000	0.650119	0.407378	0.095602
0.000150	0.233449	8.410778	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.057518	-0.593286	-0.093946
-0.000973	-0.233683	-0.921470	
0.25000	-0.057518	-0.562022	-0.093946
-0.000973	-0.116904	-0.949758	
0.50000	-0.057518	-0.532501	-0.093946
-0.000973	-0.002996	-1.031780	
0.75000	-0.057518	-0.501101	-0.093946
-0.000973	-0.121274	-1.114878	
1.00000	-0.057518	-0.477221	-0.093946
-0.000973	-0.237107	-1.251519	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.712015	11.224797	0.183353
0.000226	0.474479	25.298535	
0.25000	0.712015	33.413520	0.183353
0.000226	0.253094	82.236971	
0.50000	0.712015	62.675117	0.183353
0.000226	0.086533	105.972929	
0.75000	0.712015	90.187317	0.183353
0.000226	0.164649	83.752038	
1.00000	0.712015	119.304399	0.183353
0.000226	0.313503	26.618848	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.534996	-119.595130	-0.126390
-0.001265	-0.315546	-79.303347	
0.25000	-0.534996	-90.457549	-0.126390
-0.001265	-0.167703	-28.828145	
0.50000	-0.534996	-62.943977	-0.126390
-0.001265	-0.043767	-28.433340	
0.75000	-0.534996	-33.679204	-0.126390
-0.001265	-0.242099	-29.041386	
1.00000	-0.534996	-11.422661	-0.126390
-0.001265	-0.467929	-79.551158	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.654441	7.984247	0.236693
0.000487	0.615313	25.520129	
0.25000	0.654441	23.090196	0.236693
0.000487	0.325808	64.231821	
0.50000	0.654441	43.011315	0.236693
0.000487	0.086268	80.559712	
0.75000	0.654441	61.741456	0.236693
0.000487	0.173418	65.795433	
1.00000	0.654441	81.564190	0.236693
0.000487	0.339123	27.391050	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.527485	-81.961614	-0.137835
-0.001361	-0.346534	-54.985066	
0.25000	-0.527485	-62.124924	-0.137835
-0.001361	-0.181387	-20.719765	
0.50000	-0.527485	-43.393850	-0.137835
-0.001361	-0.033327	-20.548897	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4089

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	-0.527485	-23.470568	-0.137835
-0.001361	-0.290594	-21.060764	
1.00000	-0.527485	-8.318447	-0.137835
-0.001361	-0.583098	-55.545426	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.748351	6.702167	0.256711
0.000741	0.669739	23.999814	
0.25000	0.748351	19.236891	0.256711
0.000741	0.354632	56.207531	
0.50000	0.748351	35.767181	0.256711
0.000741	0.082587	69.857205	
0.75000	0.748351	51.309213	0.256711
0.000741	0.193527	57.734834	
1.00000	0.748351	67.757865	0.256711
0.000741	0.380268	26.059153	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.567588	-68.196627	-0.153981
-0.001132	-0.385608	-46.156637	
0.25000	-0.567588	-51.736395	-0.153981
-0.001132	-0.199385	-17.776984	
0.50000	-0.567588	-36.193589	-0.153981
-0.001132	-0.029546	-17.688479	
0.75000	-0.567588	-19.661504	-0.153981
-0.001132	-0.307074	-16.166508	
1.00000	-0.567588	-7.088468	-0.153981
-0.001132	-0.624650	-46.834729	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.029049	9.294420	0.104214
0.000161	0.280879	16.681150	
0.25000	0.029049	27.864382	0.104214
0.000161	0.156974	64.320501	
0.50000	0.029049	52.353701	0.104214
0.000161	0.058089	84.064264	
0.75000	0.029049	75.312933	0.104214
0.000161	0.040773	65.268618	
1.00000	0.029049	99.747306	0.104214
0.000161	0.069495	17.258022	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.562382	-99.873587	-0.028712
-0.000276	-0.073701	-65.884885	
0.25000	-0.562382	-75.488058	-0.028712
-0.000276	-0.045779	-23.593743	
0.50000	-0.562382	-52.461678	-0.028712
-0.000276	-0.034927	-75.312379	
0.75000	-0.562382	-27.969700	-0.028712
-0.000276	-0.135708	-23.676310	
1.00000	-0.562382	-9.342980	-0.028712
-0.000276	-0.263364	-65.900489	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.200279	8.801984	0.182470
0.000532	0.487790	20.785009	
0.25000	0.200279	26.086333	0.182470
0.000532	0.266404	65.144774	
0.50000	0.200279	48.880238	0.182470
0.000532	0.072817	83.686354	
0.75000	0.200279	70.311415	0.182470
0.000532	0.079817	66.448875	
1.00000	0.200279	92.992747	0.182470
0.000532	0.150378	22.100537	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.586563	-93.272970	-0.061952
-0.000375	-0.157999	-62.084874	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4090

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	-0.586563	-70.575670	-0.061952
-0.000375	-0.088139	-22.797065	
0.50000	-0.586563	-49.143424	-0.061952
-0.000375	-0.035205	-22.520391	
0.75000	-0.586563	-26.347045	-0.061952
-0.000375	-0.219376	-23.024910	
1.00000	-0.586563	-9.909867	-0.061952
-0.000375	-0.444184	-62.401373	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.516022	6.716081	0.223584
0.000598	0.584805	23.570440	
0.25000	0.516022	18.950829	0.223584
0.000598	0.316718	54.879270	
0.50000	0.516022	35.085523	0.223584
0.000598	0.079237	68.080135	
0.75000	0.516022	50.255608	0.223584
0.000598	0.149865	56.226461	
1.00000	0.516022	66.310617	0.223584
0.000598	0.294003	25.408729	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.633466	-66.700622	-0.119622
-0.001078	-0.300979	-44.982170	
0.25000	-0.633466	-50.634310	-0.119622
-0.001078	-0.157332	-17.185880	
0.50000	-0.633466	-35.463469	-0.119622
-0.001078	-0.028302	-17.083671	
0.75000	-0.633466	-19.327023	-0.119622
-0.001078	-0.266128	-17.534431	
1.00000	-0.633466	-7.054880	-0.119622
-0.001078	-0.544568	-45.500745	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.469644	5.656687	0.248442
0.000839	0.650741	22.095121	
0.25000	0.469644	15.905877	0.248442
0.000839	0.350152	48.439880	
0.50000	0.469644	29.422098	0.248442
0.000839	0.076290	59.618289	
0.75000	0.469644	42.130254	0.248442
0.000839	0.178482	49.808793	
1.00000	0.469644	55.579722	0.248442
0.000839	0.351763	24.105115	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.699257	-55.995989	-0.142479
-0.000900	-0.356834	-38.129160	
0.25000	-0.699257	-42.537053	-0.142479
-0.000900	-0.183943	-14.962698	
0.50000	-0.699257	-29.828262	-0.142479
-0.000900	-0.025549	-14.928893	
0.75000	-0.699257	-16.310574	-0.142479
-0.000900	-0.291956	-15.358316	
1.00000	-0.699257	-6.030058	-0.142479
-0.000900	-0.599425	-38.837839	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.045734	0.082067	0.098108
0.000508	0.257399	3.546414	
0.25000	0.045734	0.105874	0.098108
0.000508	0.135521	3.778566	
0.50000	0.045734	0.137271	0.098108
0.000508	0.015148	3.986868	
0.75000	0.045734	0.166790	0.098108
0.000508	0.085258	4.153958	
1.00000	0.045734	0.198032	0.098108
0.000508	0.169842	4.297327	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4091

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.312855	-0.325694	-0.068056
-4.20E-06	-0.116555	-0.881458	
0.25000	-0.312855	-0.294430	-0.068056
-4.20E-06	-0.083952	-0.907588	
0.50000	-0.312855	-0.264909	-0.068056
-4.20E-06	-0.002908	-0.987452	
0.75000	-0.312855	-0.233509	-0.068056
-4.20E-06	0.108805	-1.068396	
1.00000	-0.312855	-0.096629	-0.068056
-4.20E-06	-0.230675	-1.202900	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.338397	0.556496	0.168429
0.000880	0.443733	7.706823	
0.25000	0.338397	1.270725	0.168429
0.000880	0.234743	9.775854	
0.50000	0.338397	2.212622	0.168429
0.000880	0.030605	10.827627	
0.75000	0.338397	3.154518	0.168429
0.000880	0.135079	10.449446	
1.00000	0.338397	4.035453	0.168429
0.000880	0.268650	9.077823	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.439108	-4.298581	-0.107641
-4.32E-05	-0.266597	-3.927874	
0.25000	-0.439108	-3.360676	-0.107641
-4.32E-05	-0.133058	-2.441305	
0.50000	-0.439108	-2.475046	-0.107641
-4.32E-05	-0.006326	-2.566778	
0.75000	-0.439108	-1.533047	-0.107641
-4.32E-05	-0.186109	-2.724535	
1.00000	-0.439108	-0.816634	-0.107641
-4.32E-05	-0.395231	-4.488584	

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.193821	1.024091	0.229022
0.000982	0.604450	13.094826	
0.25000	0.193821	2.159716	0.229022
0.000982	0.320524	16.145412	
0.50000	0.193821	3.257332	0.229022
0.000982	0.047331	17.692643	
0.75000	0.193821	5.065413	0.229022
0.000982	0.142665	17.108213	
1.00000	0.193821	6.555633	0.229022
0.000982	0.287190	14.942151	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.613969	-6.917377	-0.116582
-0.000308	-0.292397	-5.926576	
0.25000	-0.613969	-5.426108	-0.116582
-0.000308	-0.147866	-3.529163	
0.50000	-0.613969	-4.017957	-0.116582
-0.000308	-0.008903	-3.694885	
0.75000	-0.613969	-2.520178	-0.116582
-0.000308	-0.252826	-3.911935	
1.00000	-0.613969	-1.381083	-0.116582
-0.000308	-0.536950	-6.682980	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.311944	6.508481	0.254557
0.000911	0.671307	22.107929	
0.25000	0.311944	18.614667	0.254557
0.000911	0.364740	53.263721	
0.50000	0.311944	34.579820	0.254557
0.000911	0.077673	66.415241	
0.75000	0.311944	49.590500	0.254557
0.000911	0.172315	54.671845	
1.00000	0.311944	65.476805	0.254557
0.000911	0.337884	24.086303	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4092

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.865583	-65.874378	-0.136814
-0.000693	-0.342629	-44.627499	
0.25000	-0.865583	-49.976890	-0.136814
-0.000693	-0.177546	-17.223515	
0.50000	-0.865583	-34.965461	-0.136814
-0.000693	-0.028737	-17.143444	
0.75000	-0.865583	-18.998575	-0.136814
-0.000693	-0.295321	-17.610531	
1.00000	-0.865583	-6.855387	-0.136814
-0.000693	-0.606892	-45.304052	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.828747	0.299339	0.173155
0.000152	0.446553	7.686152	
0.25000	0.828747	0.307390	0.173155
0.000152	0.230917	7.912918	
0.50000	0.828747	0.326601	0.173155
0.000152	0.028363	8.182855	
0.75000	0.828747	0.347529	0.173155
0.000152	0.222322	8.477835	
1.00000	0.828747	0.365899	0.173155
0.000152	0.444140	8.806519	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.093294	-0.534953	-0.178813
-0.000898	-0.445654	-1.120226	
0.25000	-0.093294	-0.516585	-0.178813
-0.000898	-0.223460	-1.208787	
0.50000	-0.093294	-0.495656	-0.178813
-0.000898	-0.003535	-1.327281	
0.75000	-0.093294	-0.476444	-0.178813
-0.000898	-0.199158	-1.444686	
1.00000	-0.093294	-0.468374	-0.178813
-0.000898	-0.414225	-1.589841	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.899724	12.930136	0.334685
0.000220	0.869848	23.589234	
0.25000	0.899724	25.748280	0.334685
0.000220	0.468148	63.710124	
0.50000	0.899724	56.330864	0.334685
0.000220	0.093747	86.796762	
0.75000	0.899724	89.648327	0.334685
0.000220	0.309769	64.637573	
1.00000	0.899724	118.893178	0.334685
0.000220	0.582609	25.359780	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.516837	-119.116456	-0.235515
-0.001139	-0.610174	-70.210244	
0.25000	-0.516837	-89.874481	-0.235515
-0.001139	-0.318992	-25.982792	
0.50000	-0.516837	-56.555096	-0.235515
-0.001139	-0.033915	-26.110151	
0.75000	-0.516837	-25.969701	-0.235515
-0.001139	-0.406309	-26.461203	
1.00000	-0.516837	-13.122563	-0.235515
-0.001139	-0.818185	-71.082896	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.849918	9.517753	0.402884
0.000440	1.053036	24.766978	
0.25000	0.849918	18.619280	0.402884
0.000440	0.562511	53.447260	
0.50000	0.849918	40.334451	0.402884
0.000440	0.09719	70.102148	
0.75000	0.849918	63.991524	0.402884
0.000440	0.324659	54.711754	
1.00000	0.849918	84.756838	0.402884
0.000440	0.626689	27.214769	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4093

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.569616	-85.086627	-0.254455
-0.0012221	-0.654070	-51.117542	
0.25000	-0.569616	-64.323356	-0.254455
-0.001221	-0.338756	-19.841479	
0.50000	-0.569616	-40.664918	-0.254455
-0.001221	-0.028281	-20.056646	
0.75000	-0.569616	-18.947750	-0.254455
-0.001221	-0.470119	-20.432609	
1.00000	-0.569616	-9.825637	-0.254455
-0.001221	-0.967687	-52.241745	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.881562	7.989347	0.436135
0.000645	1.138636	23.747745	
0.25000	0.881562	15.543759	0.436135
0.000645	0.605005	47.672493	
0.50000	0.881562	33.567698	0.436135
0.000645	0.094664	61.632345	
0.75000	0.881562	53.203445	0.436135
0.000645	0.351702	47.457590	
1.00000	0.881562	70.438986	0.436135
0.000645	0.699922	26.398678	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.628883	-70.813697	-0.283990
-0.001016	-0.723888	-43.103805	
0.25000	-0.628883	-53.579851	-0.283990
-0.001016	-0.371905	-17.208065	
0.50000	-0.628883	-33.942970	-0.283990
-0.001016	-0.027709	-17.450713	
0.75000	-0.628883	-15.917376	-0.283990
-0.001016	-0.505395	-17.826675	
1.00000	-0.628883	-8.345876	-0.283990
-0.001016	-1.044799	-44.292597	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.043192	9.058083	0.166233
0.000136	0.436769	13.829316	
0.25000	0.043192	18.043666	0.166233
0.000136	0.240557	41.766533	
0.50000	0.043192	33.482211	0.166233
0.000136	0.055719	57.786616	
0.75000	0.043192	62.837920	0.166233
0.000136	0.069646	42.206056	
1.00000	0.043192	83.338707	0.166233
0.000136	0.115538	14.611606	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.491225	-83.423382	-0.047611
-0.000238	-0.136126	-48.854353	
0.25000	-0.491225	-62.924611	-0.047611
-0.000238	-0.077608	-17.806843	
0.50000	-0.491225	-39.567554	-0.047611
-0.000238	-0.022600	-17.852349	
0.75000	-0.491225	-18.127039	-0.047611
-0.000238	-0.202914	-18.051372	
1.00000	-0.491225	-9.121130	-0.047611
-0.000238	-0.406769	-49.286767	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.193758	8.796452	0.277446
0.000431	0.731207	18.631684	
0.25000	0.193758	17.371404	0.277446
0.000431	0.396957	45.511901	
0.50000	0.193758	37.830231	0.277446
0.000431	0.075510	61.038972	
0.75000	0.193758	60.118609	0.277446
0.000431	0.150721	46.371002	
1.00000	0.193758	79.682532	0.277446
0.000431	0.280331	20.274608	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4094

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.567476	-79.903095	-0.114903
-0.000331	-0.304618	-47.605820	
0.25000	-0.567476	-60.341095	-0.114903
-0.000331	-0.162884	-18.073898	
0.50000	-0.567476	-38.051431	-0.114903
-0.000331	-0.024814	-18.210950	
0.75000	-0.567476	-17.590724	-0.114903
-0.000331	-0.323410	-18.496683	
1.00000	-0.567476	-8.996376	-0.114903
-0.000331	-0.665575	-48.398994	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.577034	6.249652	0.388778
0.000529	1.016902	21.635784	
0.25000	0.577034	11.822163	0.388778
0.000529	0.542599	39.117730	
0.50000	0.577034	25.117519	0.388778
0.000529	0.083442	49.409153	
0.75000	0.577034	39.601825	0.388778
0.000529	0.272653	40.396460	
1.00000	0.577034	52.315620	0.388778
0.000529	0.536010	24.008693	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.669640	-52.641805	-0.218649
-0.000973	-0.559797	-32.290761	
0.25000	-0.669640	-39.929280	-0.218649
-0.000973	-0.288593	-13.233935	
0.50000	-0.669640	-25.444118	-0.218649
-0.000973	-0.020567	-13.462325	
0.75000	-0.669640	-12.147540	-0.218649
-0.000973	-0.444637	-13.788077	
1.00000	-0.669640	-6.562425	-0.218649
-0.000973	-0.926241	-33.359564	

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.552085	5.285342	0.437858
0.000743	1.142179	20.946633	
0.25000	0.552085	9.959294	0.437858
0.000743	0.605444	35.770564	
0.50000	0.552085	21.110796	0.437858
0.000743	0.082660	44.564396	
0.75000	0.552085	33.259531	0.437858
0.000743	0.314531	37.159506	
1.00000	0.552085	43.923247	0.437858
0.000743	0.622749	23.573284	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.774769	-44.296311	-0.253626
-0.000812	-0.644086	-27.758252	
0.25000	-0.774769	-33.633646	-0.253626
-0.000812	-0.329633	-11.837500	
0.50000	-0.774769	-21.484209	-0.253626
-0.000812	-0.019496	-12.092213	
0.75000	-0.774769	-9.331689	-0.253626
-0.000812	-0.500269	-12.428389	
1.00000	-0.774769	-5.647158	-0.253626
-0.000812	-1.043425	-28.907057	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.084018	0.099207	0.188023
0.000480	0.484895	4.255566	
0.25000	0.084018	0.107259	0.188023
0.000480	0.251301	4.524665	
0.50000	0.084018	0.126469	0.188023
0.000480	0.019663	4.767455	
0.75000	0.084018	0.147397	0.188023
0.000480	0.134554	5.027765	
1.00000	0.084018	0.165767	0.188023
0.000480	0.270761	5.263205	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4095

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.424348	-0.317334	-0.110148
-4.26E-06	-0.274111	-1.101108	
0.25000	-0.424348	-0.298966	-0.110148
-4.26E-06	-0.137722	-1.172961	
0.50000	-0.424348	-0.278037	-0.110148
-4.26E-06	-0.003580	-1.271580	
0.75000	-0.424348	-0.258825	-0.110148
-4.26E-06	-0.216407	-1.370548	
1.00000	-0.424348	-0.250755	-0.110148
-4.26E-06	-0.449960	-1.497185	

COMB DL-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.344529	0.513148	0.300606
0.000779	0.779353	8.735866	
0.25000	0.344529	0.778850	0.300606
0.000779	0.406225	9.921559	
0.50000	0.344529	1.412786	0.300606
0.000779	0.037968	10.780488	
0.75000	0.344529	2.103412	0.300606
0.000779	0.238082	10.774611	
1.00000	0.344529	2.709618	0.300606
0.000779	0.477547	10.461582	

COMB DL-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.564350	-2.978704	-0.193766
-4.01E-05	-0.482611	-3.288890	
0.25000	-0.564350	-2.372557	-0.193766
-4.01E-05	-0.242790	-2.544522	
0.50000	-0.564350	-1.681891	-0.193766
-4.01E-05	-0.006831	-1.719186	
0.75000	-0.564350	-1.047898	-0.193766
-4.01E-05	-0.342788	-2.898817	
1.00000	-0.564350	-0.781594	-0.193766
-4.01E-05	-0.716077	-3.995979	

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.247625	0.547895	0.380502
0.000872	0.993355	13.465956	
0.25000	0.247625	0.555141	0.380502
0.000872	0.520653	13.848714	
0.50000	0.247625	0.572430	0.380502
0.000872	0.055107	14.352397	
0.75000	0.247625	0.591266	0.380502
0.000872	0.239828	15.058671	
1.00000	0.247625	0.607799	0.380502
0.000872	0.485725	15.815918	

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.744574	-0.958400	-0.198453
-0.000269	-0.497604	-2.592813	
0.25000	-0.744574	-0.941869	-0.198453
-0.000269	-0.251736	-2.812835	
0.50000	-0.744574	-0.923032	-0.198453
-0.000269	-0.008517	-3.055943	
0.75000	-0.744574	-0.905741	-0.198453
-0.000269	-0.426844	-3.299705	
1.00000	-0.744574	-0.898479	-0.198453
-0.000269	-0.899658	-3.568206	

COMB DL-G3-4 ---------- MAX

```
 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.388281    5.658271    0.449794
 0.000821  1.174771   20.469132
 0.25000  0.388281   10.257778    0.449794
 0.000821  0.621479   36.530276
 0.50000  0.388281   22.833183    0.449794
 0.000821  0.082023   45.998501
 0.75000  0.388281   36.017857    0.449794
 0.000821  0.297429   37.890089
 1.00000  0.388281   47.590882    0.449794
 0.000821  0.586193   23.057192
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4096

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.933685  -47.956261   -0.239076
 -0.000621  -0.607984  -29.877900
 0.25000  -0.933685  -36.384374   -0.239076
 -0.000621  -0.311976  -12.571202
 0.50000  -0.933685  -23.198939   -0.239076
 -0.000621  -0.020358  -12.814834
 0.75000  -0.933685  -11.095422   -0.239076
 -0.000621  -0.515254  -13.148886
 1.00000  -0.933685   -6.011442   -0.239076
 -0.000621  -1.071730  -31.003157

 COMB       DB -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.748351   11.224797    0.256711
 0.000982  0.677037   25.520129
 0.25000  0.748351   33.413520    0.256711
 0.000982  0.364740   82.236971
 0.50000  0.748351   62.675117    0.256711
 0.000982  0.086533  105.977029
 0.75000  0.748351   90.187317    0.256711
 0.000982  0.193527   83.752038
 1.00000  0.748351  119.304399    0.256711
 0.000982  0.380268   27.391050

 COMB       DB -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.865583 -119.595130   -0.153981
 -0.001361  -0.385608  -79.303347
 0.25000  -0.865583  -90.457549   -0.153981
 -0.001361  -0.199385  -28.828145
 0.50000  -0.865583  -62.943977   -0.153981
 -0.001361  -0.043767  -28.433340
 0.75000  -0.865583  -33.679204   -0.153981
 -0.001361  -0.307074  -29.041386
 1.00000  -0.865583  -11.422661   -0.153981
 -0.001361  -0.624650  -79.551158

 COMB       DL -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.899724   12.930136    0.449794
 0.000872  1.174771   24.766978
 0.25000  0.899724   25.748280    0.449794
 0.000872  0.621479   63.710124
 0.50000  0.899724   56.330864    0.449794
 0.000872  0.097719   86.796762
 0.75000  0.899724   89.648327    0.449794
 0.000872  0.359102   64.637573
 1.00000  0.899724  118.833178    0.449794
 0.000872  0.699922   27.214769

 COMB       DL -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.933685 -119.116456   -0.283990
 -0.001221  -0.723888  -70.210244
 0.25000  -0.933685  -89.874481   -0.283990
 -0.001221  -0.371905  -25.982792
 0.50000  -0.933685  -56.555096   -0.283990
 -0.001221  -0.033915  -26.110151
 0.75000  -0.933685  -25.969701   -0.283990
 -0.001221  -0.515254  -26.461203
 1.00000  -0.933685  -13.122563   -0.283990
 -0.001221  -1.071730  -71.082896

 COMB       CAR -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.899724   12.930136    0.449794
 0.000982  1.174771   25.520129
 0.25000  0.899724   33.413520    0.449794
 0.000982  0.621479   82.236971
 0.50000  0.899724   62.675117    0.449794
 0.000982  0.097719  105.977029
 0.75000  0.899724   90.187317    0.449794
 0.000982  0.359102   83.752038
 1.00000  0.899724  119.304399    0.449794
 0.000982  0.699922   27.391050
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4097

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB       CAR -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.933685 -119.595130   -0.283990
 -0.001361  -0.723888  -79.303347
 0.25000  -0.933685  -90.457549   -0.283990
 -0.001361  -0.371905  -28.828145
 0.50000  -0.933685  -62.943977   -0.283990
 -0.001361  -0.043767  -28.433340
 0.75000  -0.933685  -33.679204   -0.283990
 -0.001361  -0.515254  -29.041386
 1.00000  -0.933685  -13.122563   -0.283990
 -0.001361  -1.071730  -79.551158

 COMB    DESIGN -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.899724   12.930136    0.449794
 0.000982  1.174771   25.520129
 0.25000  0.899724   33.413520    0.449794
 0.000982  0.621479   82.236971
 0.50000  0.899724   62.675117    0.449794
 0.000982  0.097719  105.977029
 0.75000  0.899724   90.187317    0.449794
 0.000982  0.359102   83.752038
 1.00000  0.899724  119.304399    0.449794
 0.000982  0.699922   27.391050

 COMB    DESIGN -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.933685 -119.595130   -0.283990
 -0.001361  -0.723888  -79.303347
 0.25000  -0.933685  -90.457549   -0.283990
 -0.001361  -0.371905  -28.828145
 0.50000  -0.933685  -62.943977   -0.283990
 -0.001361  -0.043767  -28.433340
 0.75000  -0.933685  -33.679204   -0.283990
 -0.001361  -0.515254  -29.041386
 1.00000  -0.933685  -13.122563   -0.283990
 -0.001361  -1.071730  -79.551158

 ELEM      394 ================== LENGTH
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 COMB DB-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.428589    0.401122    0.094078
 0.000428  0.234643    8.404376
 0.25000  0.428589    0.424932    0.094078
 0.000428  0.117700    8.294051
 0.50000  0.428589    0.456328    0.094078
 0.000428  0.025565    8.252847
 0.75000  0.428589    0.485847    0.094078
 0.000428  0.116181    8.347155
 1.00000  0.428589    0.517092    0.094078
 0.000428  0.232548    8.505076

 COMB DB-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.022933  -0.511111   -0.093609
 -0.000680  -0.232947  -1.230062
 0.25000  -0.022933  -0.479862   -0.093609
 -0.000680  -0.116571  -1.269277
 0.50000  -0.022933  -0.450345   -0.093609
 -0.000680  -0.003971  -1.355689
 0.75000  -0.022933  -0.418947   -0.093609
 -0.000680  -0.116307  -1.443456
 1.00000  -0.022933  -0.395112   -0.093609
 -0.000680  -0.233232  -1.584787

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.476926   11.384674    0.160540
 0.000559  0.418186   26.605381
 0.25000  0.476926   33.575245    0.160540
 0.000559  0.227789   83.942786
 0.50000  0.476926   62.836990    0.160540
 0.000559  0.088831  106.687441
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4098

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000  0.476926   90.348074    0.160540
 0.000559  0.172865   84.206727
 1.00000  0.476926  119.469041    0.160540
 0.000559  0.316476   26.766759

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.356920 -119.480578   -0.124424
 -0.000849  -0.325579  -79.535182
 0.25000  -0.356920  -90.355757   -0.124424
 -0.000849  -0.173391  -29.338279
 0.50000  -0.356920  -62.845904   -0.124424
 -0.000849  -0.044453  -28.721164
 0.75000  -0.356920  -33.583477   -0.124424
 -0.000849  -0.215534  -29.365749
 1.00000  -0.356920  -11.369823   -0.124424
 -0.000849  -0.414330  -79.933236

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.438847    8.191796    0.187621
 0.000747  0.494336   27.365459
 0.25000  0.438847   23.298868    0.187621
 0.000747  0.267857   66.186436
 0.50000  0.438847   43.220088    0.187621
 0.000747  0.089559   81.507847
 0.75000  0.438847   61.949469    0.187621
 0.000747  0.177181   66.471907
 1.00000  0.438847   81.774848    0.187621
 0.000747  0.333584   27.691606

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.345131  -81.806623   -0.131867
 -0.001038  -0.338035  -55.523411
 0.25000  -0.345131  -61.978620   -0.131867
 -0.001038  -0.176309  -21.449679
 0.50000  -0.345131  -43.250777   -0.131867
 -0.001038  -0.034990  -21.129570
 0.75000  -0.345131  -23.328393   -0.131867
 -0.001038  -0.230558  -21.668420
 1.00000  -0.345131   -8.205471   -0.131867
 -0.001038  -0.462788  -56.194480

 COMB DB-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.507626    6.901791    0.198194
 0.000835  0.516831   26.025600
 0.25000  0.507626   35.967820    0.198194
 0.000835  0.277395   58.194965
 0.50000  0.507626   35.967820    0.198194
 0.000835  0.086867   70.995920
 0.75000  0.507626   51.509222    0.198194
 0.000835  0.197820   58.486584
 1.00000  0.507626   67.960068    0.198194
 0.000835  0.377903   26.410833

 COMB DB-G1-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.408024  -68.016483   -0.149887
 -0.000925  -0.380612  -46.811346
 0.25000  -0.408024  -51.563459   -0.149887
 -0.000925  -0.196384  -18.590042
 0.50000  -0.408024  -36.022754   -0.149887
 -0.000925  -0.031594  -18.377062
 0.75000  -0.408024  -19.491994   -0.149887
 -0.000925  -0.244527  -18.876836
 1.00000  -0.408024   -6.943187   -0.149887
 -0.000925  -0.490093  -47.578763

 COMB DB-G2-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.015085    9.352851    0.071153
 0.000188  0.198856   17.247275
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4099

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000  0.015085   27.924192    0.071153
 0.000188  0.118333   65.321411
 0.50000  0.015085   52.413635    0.071153
 0.000188  0.059419   84.403619
 0.75000  0.015085   75.437933    0.071153
 0.000188  0.043100   65.533542
 1.00000  0.015085   99.809558    0.071153
 0.000188  0.063378   17.359042

 COMB DB-G2-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.392484  -99.834037   -0.023742
 -0.000220  -0.074191  -65.898745
 0.25000  -0.392484  -75.459187   -0.023742
 -0.000220  -0.046796  -23.836666
 0.50000  -0.392484  -52.435919   -0.023742
 -0.000220  -0.034947  -23.268403
 0.75000  -0.392484  -27.945905   -0.023742
 -0.000220  -0.096474  -23.756069
 1.00000  -0.392484   -9.355079   -0.023742
 -0.000220  -0.183999  -66.024704

 COMB DB-G2-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.134754    8.927284    0.118946
 0.000452  0.327859   22.076186
 0.25000  0.134754   26.212917    0.118946
 0.000452  0.189553   66.683122
 0.50000  0.134754   49.006937    0.118946
 0.000452  0.075753   84.414952
 0.75000  0.134754   70.437245    0.118946
 0.000452  0.084866   66.976404
 1.00000  0.134754   93.121604    0.118946
 0.000452  0.145561   22.378219

 COMB DB-G2-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.417784  -93.170960   -0.055765
 -0.000452  -0.149930  -62.392184
 0.25000  -0.417784  -70.483599   -0.055765
 -0.000452  -0.083578  -23.317729
 0.50000  -0.417784  -49.054250   -0.055765
 -0.000452  -0.036162  -22.864441
 0.75000  -0.417784  -26.259699   -0.055765
 -0.000452  -0.146309  -23.393979
 1.00000  -0.417784   -8.955930   -0.055765
 -0.000452  -0.293052  -62.811958

 COMB DB-G2-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.364114    6.910483    0.167414
 0.000801  0.443390   25.379119
 0.25000  0.364114   19.146140    0.167414
 0.000801  0.242538   56.661156
 0.50000  0.364114   35.280915    0.167414
 0.000801  0.083123   69.115106
 0.75000  0.364114   50.450385    0.167414
 0.000801  0.152160   56.943799
 1.00000  0.364114   66.507536    0.167414
 0.000801  0.287219   25.751282

 COMB DB-G2-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.448660  -66.550542   -0.113561
 -0.000937  -0.293020  -45.481191
 0.25000  -0.448660  -50.491266   -0.113561
 -0.000937  -0.151758  -17.919694
 0.50000  -0.448660  -35.322474   -0.113561
 -0.000937  -0.030108  -17.696237
 0.75000  -0.448660  -19.187323   -0.113561
 -0.000937  -0.203317  -18.168476
 1.00000  -0.448660   -6.938828   -0.113561
 -0.000937  -0.410513  -45.617945
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4100

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.331383    5.821759    0.186139
 0.000840  0.485054   24.066131
 0.25000  0.331383   16.071711    0.186139
 0.000840  0.259427   50.306947
 0.50000  0.331383   29.588000    0.186139
 0.000840  0.080780   60.767115
 0.75000  0.331383   42.295641    0.186139
 0.000840  0.182100   50.594382
 1.00000  0.331383   55.746903    0.186139
 0.000840  0.349357   24.481833

 COMB DB-G2-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.521803  -55.821338   -0.138664
 -0.000771  -0.350920  -38.817116
 0.25000  -0.521803  -42.368295   -0.138664
 -0.000771  -0.180491  -15.779437
 0.50000  -0.521803  -29.661223   -0.138664
 -0.000771  -0.027716  -15.643151
 0.75000  -0.521803  -16.144619   -0.138664
 -0.000771  -0.227548  -16.089657
 1.00000  -0.521803   -5.883913   -0.138664
 -0.000771  -0.458190  -39.596045

 COMB DB-G3-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.259456   -3.249190   -0.069916
 -7.02E-06  -0.086062   -1.196791
 0.25000  -0.259456   -0.217941   -0.069916
 -7.02E-06  -0.086062   -1.221747
 0.50000  -0.259456   -0.188424   -0.069916
 -7.02E-06  -0.003924   -1.299899
 0.75000  -0.259456   -0.157026   -0.069916
 -7.02E-06  -0.092362   -1.379405
 1.00000  -0.259456   -0.133192   -0.069916
 -7.02E-06  -0.184289   -1.512483

 COMB DB-G3-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.254688    0.601474    0.119574
 0.000514  0.303203    9.042794
 0.25000  0.254688    1.315757    0.119574
 0.000514  0.157187   10.821274
 0.50000  0.254688    2.257658    0.119574
 0.000514  0.034057   11.589767
 0.75000  0.254688    3.143208    0.119574
 0.000514  0.140060   10.991994
 1.00000  0.254688    4.080579    0.119574
 0.000514  0.277286    9.389061

 COMB DB-G3-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.384601   -4.162629   -0.110691
 -0.000161  -0.273886   -4.476346
 0.25000  -0.384601   -3.225135   -0.110691
 -0.000161  -0.136531   -2.996694
 0.50000  -0.384601   -2.339624   -0.110691
 -0.000161  -0.008084   -3.112957
 0.75000  -0.384601   -1.397701   -0.110691
 -0.000161  -0.147069   -3.269833
 1.00000  -0.384601   -0.682669   -0.110691
 -0.000161  -0.294935   -5.033669
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4101

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.149648    1.126169    0.156477
 0.000680  0.407601   14.897865
 0.25000  0.149648    2.261878    0.156477
 0.000680  0.215766   17.619020
 0.50000  0.149648    3.759502    0.156477
 0.000680  0.051896   18.763862
 0.75000  0.149648    5.167526    0.156477
 0.000680  0.142166   17.858908
 1.00000  0.149648    6.657945    0.156477
 0.000680  0.281360   15.361166

 COMB DB-G3-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.476863   -6.753753   -0.112415
 -0.000413  -0.278821   -6.666273
 0.25000  -0.476863   -5.263138   -0.112415
 -0.000413  -0.140627   -4.282320
 0.50000  -0.476863   -3.855176   -0.112415
 -0.000413  -0.011262   -4.435874
 0.75000  -0.476863   -2.357518   -0.112415
 -0.000413  -0.180932   -4.654002
 1.00000  -0.476863   -1.220617   -0.112415
 -0.000413  -0.374874   -7.427196

 COMB DB-G3-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.238643    6.645020    0.183980
 0.000783  0.480803   24.043716
 0.25000  0.238643   18.752106    0.183980
 0.000783  0.258800   55.158351
 0.50000  0.238643   34.717339    0.183980
 0.000783  0.082351   67.556769
 0.75000  0.238643   49.774143    0.183980
 0.000783  0.177423   55.481295
 1.00000  0.238643   65.615835    0.183980
 0.000783  0.337301   24.485700

 COMB DB-G3-4 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.649152  -65.702506   -0.133456
 -0.000635  -0.339057  -45.286231
 0.25000  -0.649152  -49.811979   -0.133456
 -0.000635  -0.175318  -18.032390
 0.50000  -0.649152  -34.802579   -0.133456
 -0.000635  -0.038822  -17.823323
 0.75000  -0.649152  -18.836974   -0.133456
 -0.000635  -0.226822  -18.314642
 1.00000  -0.649152   -6.717185   -0.133456
 -0.000635  -0.454715  -46.037938

 COMB DL-G1-1 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.544474    0.401009    0.142539
 0.000351  0.366364    8.769518
 0.25000  0.544474    0.409063    0.142539
 0.000351  0.189602    8.802535
 0.50000  0.544474    0.428274    0.142539
 0.000351  0.029922    8.860209
 0.75000  0.544474    0.449202    0.142539
 0.000351  0.230580    8.954761
 1.00000  0.544474    0.467571    0.142539
 0.000351  0.454965    9.055125

 COMB DL-G1-1 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.029039   -0.439625   -0.180983
 -0.000584  -0.446630   -1.538734
 0.25000  -0.029039   -0.421255   -0.180983
 -0.000584  -0.222270   -1.633394
 0.50000  -0.029039   -0.400325   -0.180983
 -0.000584  -0.004745   -1.755288
 0.75000  -0.029039   -0.381115   -0.180983
 -0.000584  -0.166786   -1.877441
 1.00000  -0.029039   -0.373059   -0.180983
 -0.000584  -0.343182   -2.022950
 Program    SAP2000     Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
 <              MOVING              LOAD              >
                                    4102

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G1-2 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.583095   13.121472    0.265277
 0.000441  0.694193   25.299288
 0.25000  0.583095   25.943607    0.265277
 0.000441  0.379355   65.160196
 0.50000  0.583095   56.527017    0.265277
 0.000441  0.097184   87.887914
 0.75000  0.583095   89.843782    0.265277
 0.000441  0.321364   65.432728
 1.00000  0.583095  119.088219    0.265277
 0.000441  0.597729   25.864802

 COMB DB-G1-2 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.324337 -119.080392   -0.237334
 -0.000697  -0.612554  -71.023161
 0.25000  -0.324337  -89.834758   -0.237334
 -0.000697  -0.317795  -26.876571
 0.50000  -0.324337  -56.515739   -0.237334
 -0.000697  -0.035223  -26.740730
 0.75000  -0.324337  -25.933997   -0.237334
 -0.000697  -0.327460  -27.082363
 1.00000  -0.324337  -13.108067   -0.237334
 -0.000697  -0.652385  -71.730219

 COMB DB-G1-3 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.555197    9.741960    0.296884
 0.000626  0.787962   27.149144
 0.25000  0.555197   18.846320    0.296884
 0.000626  0.429858   55.438681
 0.50000  0.555197   40.562079    0.296884
 0.000626  0.102600   71.622112
 0.75000  0.555197   64.218656    0.296884
 0.000626  0.326735   55.826589
 1.00000  0.555197   84.983675    0.296884
 0.000626  0.622133   27.945493

 COMB DB-G1-3 -------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  -0.377240  -84.970874   -0.248719
 -0.000860  -0.636351  -52.185309
 0.25000  -0.377240  -64.205004   -0.248719
 -0.000860  -0.327574  -20.965722
 0.50000  -0.377240  -40.546826   -0.248719
 -0.000860  -0.030676  -20.997863
 0.75000  -0.377240  -18.831826   -0.248719
 -0.000860  -0.344098  -21.367146
 1.00000  -0.377240   -9.725197   -0.248719
 -0.000860  -0.708560  -53.196972

 COMB DL-G1-4 -------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000  0.594918    8.203832    0.320130
 0.000672  0.846183   26.340438
 0.25000  0.594918   15.760597    0.320130
 0.000672  0.457791   49.845683
 0.50000  0.594918   33.785022    0.320130
 0.000672  0.100234   63.304938
 0.75000  0.594918   53.420358    0.320130
 0.000672  0.360357   50.253498
 1.00000  0.594918   70.655654    0.320130
 0.000672  0.694727   27.193964
```

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.455529	-70.653973	-0.278351
-0.000755	-0.706872	-44.252687	
0.25000	-0.455529	-53.417971	-0.278351
-0.000755	-0.361300	-18.402813	
0.50000	-0.455529	-33.781306	-0.278351
-0.000755	-0.026560	-18.492612	
0.75000	-0.455529	-15.757511	-0.278351
-0.000755	-0.369481	-18.862211	
1.00000	-0.455529	-8.198864	-0.278351
-0.000755	-0.763413	-45.344520	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4103

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021090	9.143745	0.118532
0.000153	0.320227	14.587206	
0.25000	0.021090	18.132127	0.118532
0.000153	0.185060	42.441635	
0.50000	0.021090	39.571251	0.118532
0.000153	0.057697	58.289162	
0.75000	0.021090	62.926471	0.118532
0.000153	0.065345	42.602573	
1.00000	0.021090	83.426967	0.118532
0.000153	0.106688	14.898178	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.351228	-83.443262	-0.043190
-0.000182	-0.128094	-49.281239	
0.25000	-0.351228	-62.941926	-0.043190
-0.000182	-0.073952	-18.287111	
0.50000	-0.351228	-39.585126	-0.043190
-0.000182	-0.023152	-18.143844	
0.75000	-0.351228	-18.146750	-0.043190
-0.000182	-0.143042	-16.336000	
1.00000	-0.351228	-8.156130	-0.043190
-0.000182	-0.287260	-49.586350	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132686	8.941109	0.186263
0.000372	0.506753	20.243397	
0.25000	0.132686	17.518731	0.186263
0.000372	0.285699	46.886967	
0.50000	0.132686	37.978110	0.186263
0.000372	0.079517	62.099316	
0.75000	0.132686	60.266022	0.186263
0.000372	0.143450	47.167056	
1.00000	0.132686	79.829668	0.186263
0.000372	0.264376	20.833757	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.423398	-79.846941	-0.107024
-0.000370	-0.286496	-48.395513	
0.25000	-0.423398	-60.282494	-0.107024
-0.000370	-0.153474	-18.910413	
0.50000	-0.423398	-37.993074	-0.107024
-0.000370	-0.026543	-18.868768	
0.75000	-0.423398	-17.534410	-0.107024
-0.000370	-0.210618	-19.146869	
1.00000	-0.423398	-8.954651	-0.107024
-0.000370	-0.438862	-49.063568	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.385366	6.445426	0.276073
0.000618	0.736772	23.947267	
0.25000	0.385366	12.019672	0.276073
0.000618	0.401845	41.072152	
0.50000	0.385366	25.315387	0.276073
0.000618	0.088668	50.903064	
0.75000	0.385366	39.799391	0.276073
0.000618	0.263034	41.478431	
1.00000	0.385366	52.513005	0.276073
0.000618	0.509295	24.739918	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.472544	-52.505944	-0.205103
-0.000779	-0.524555	-33.320433	
0.25000	-0.472544	-39.791809	-0.205103
-0.000779	-0.370619	-14.304061	
0.50000	-0.472544	-25.306826	-0.205103
-0.000779	-0.023208	-14.420438	
0.75000	-0.472544	-12.011575	-0.205103
-0.000779	-0.309835	-14.744179	
1.00000	-0.472544	-6.435940	-0.205103
-0.000779	-0.649834	-34.329352	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4104

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.382428	5.465538	0.314818
0.000654	0.833584	23.518254	
0.25000	0.382428	10.140946	0.314818
0.000654	0.448769	37.945416	
0.50000	0.382428	21.292749	0.314818
0.000654	0.188273	46.248908	
0.75000	0.382428	33.441230	0.314818
0.000654	0.304417	38.389851	
1.00000	0.382428	44.104795	0.314818
0.000654	0.595424	24.396964	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.584020	-44.112910	-0.240292
-0.000638	-0.610006	-28.884926	
0.25000	-0.584020	-33.448908	-0.240292
-0.000638	-0.312284	-12.996805	
0.50000	-0.584020	-21.299605	-0.240292
-0.000638	-0.022547	-13.156305	
0.75000	-0.584020	-10.148192	-0.240292
-0.000638	-0.355118	-13.489926	
1.00000	-0.584020	-5.471619	-0.240292
-0.000638	-0.743580	-29.979078	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082104	0.115666	0.142586
0.000214	0.368660	5.255239	
0.25000	0.082104	9.123720	0.142586
0.000214	0.191473	5.366990	
0.50000	0.082104	0.142931	0.142586
0.000214	0.022299	5.469638	
0.75000	0.082104	0.163859	0.142586
0.000214	0.129085	5.548609	
1.00000	0.082104	0.182228	0.142586
0.000214	0.261479	5.619806	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358807	-0.206295	-0.106105
-5.93E-06	-0.265110	-1.515227	
0.25000	-0.358807	-0.187925	-0.106105
-5.93E-06	-0.132769	-1.596983	
0.50000	-0.358807	-0.166996	-0.106105
-5.93E-06	-0.004859	-1.683881	
0.75000	-0.358807	-0.147786	-0.106105
-5.93E-06	-0.163366	-1.781362	
1.00000	-0.358807	-0.139730	-0.106105
-5.93E-06	-0.340520	-1.906452	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.275913	0.573731	0.219925
0.000420	0.575836	10.450435	
0.25000	0.275913	0.839516	0.219925
0.000420	0.301791	11.365390	
0.50000	0.275913	1.473469	0.219925
0.000420	0.042331	11.939276	
0.75000	0.275913	2.164080	0.219925
0.000420	0.232655	11.638457	
1.00000	0.275913	2.770278	0.219925
0.000420	0.466085	11.024972	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491516	-2.801810	-0.188692
-0.000140	-0.469950	-4.018702	
0.25000	-0.491516	-2.195588	-0.188692
-0.000140	-0.236455	-3.287621	
0.50000	-0.491516	-1.504930	-0.188692
-0.000140	-0.009096	-3.455755	
0.75000	-0.491516	-0.871100	-0.188692
-0.000140	-0.249700	-3.659669	
1.00000	-0.491516	-0.605148	-0.188692
-0.000140	-0.522068	-4.757417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4105

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198855	0.657748	0.264290
0.000567	0.702017	15.786786	
0.25000	0.198855	0.664997	0.264290
0.000567	0.374358	15.796050	
0.50000	0.198855	0.682286	0.264290
0.000567	0.060964	15.903529	
0.75000	0.198855	0.701121	0.264290
0.000567	0.223277	16.207599	
1.00000	0.198855	0.717654	0.264290
0.000567	0.452740	16.603179	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.607163	-0.744442	-0.184647
-0.000339	-0.462657	-3.583522	
0.25000	-0.607163	-0.727909	-0.184647
-0.000339	-0.234048	-3.800336	
0.50000	-0.607163	-0.709073	-0.184647
-0.000339	-0.011596	-4.042905	
0.75000	-0.607163	-0.691784	-0.184647
-0.000339	-0.286669	-4.286368	
1.00000	-0.607163	-0.684533	-0.184647
-0.000339	-0.614613	-4.553965	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.284476	5.816398	0.322834
0.000642	0.855648	23.007822	
0.25000	0.284476	10.890484	0.322834
0.000642	0.460862	38.678580	
0.50000	0.284476	22.993216	0.322834
0.000642	0.088267	47.676657	
0.75000	0.284476	36.177614	0.322834
0.000642	0.315387	39.175103	
1.00000	0.284476	47.750475	0.322834
0.000642	0.554533	23.906125	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717425	-47.773630	-0.224813
-0.000526	-0.573687	-30.998241	
0.25000	-0.717425	-36.200295	-0.224813
-0.000526	-0.294875	-13.724286	
0.50000	-0.717425	-23.015005	-0.224813
-0.000526	-0.023412	-13.867036	
0.75000	-0.717425	-10.912696	-0.224813
-0.000526	-0.364529	-14.198643	
1.00000	-0.717425	-5.837346	-0.224813
-0.000526	-0.762737	-32.063454	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.507626	11.384874	0.198194
0.000840	0.516831	27.365459	
0.25000	0.507626	33.575245	0.198194
0.000840	0.277395	83.942786	
0.50000	0.507626	62.836990	0.198194
0.000840	0.089959	106.687441	
0.75000	0.507626	90.348074	0.198194
0.000840	0.197820	84.206727	
1.00000	0.507626	119.469041	0.198194
0.000840	0.377903	27.691606	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.649152	-119.480578	-0.149887
-0.001038	-0.380612	-79.535182	
0.25000	-0.649152	-90.355757	-0.149887
-0.001038	-0.196384	-29.338279	
0.50000	-0.649152	-62.845904	-0.149887
-0.001038	-0.044453	-28.721164	
0.75000	-0.649152	-33.583477	-0.149887
-0.001038	-0.244527	-29.365749	
1.00000	-0.649152	-11.369823	-0.149887
-0.001038	-0.490093	-79.933236	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4106

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.594918	13.121472	0.322834
0.000672	0.855648	27.149144	
0.25000	0.594918	25.943607	0.322834
0.000672	0.460862	65.160196	
0.50000	0.594918	56.527017	0.322834
0.000672	0.102860	87.871664	
0.75000	0.594918	89.843782	0.322834
0.000672	0.360357	65.432728	
1.00000	0.594918	119.088219	0.322834
0.000672	0.694727	27.945493	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717425	-119.080392	-0.278351
-0.000860	-0.706872	-71.023161	
0.25000	-0.717425	-89.834758	-0.278351
-0.000860	-0.361300	-26.876571	
0.50000	-0.717425	-56.515739	-0.278351
-0.000860	-0.035223	-26.740730	
0.75000	-0.717425	-25.933397	-0.278351
-0.000860	-0.369481	-27.082363	
1.00000	-0.717425	-13.108067	-0.278351
-0.000860	-0.763413	-71.730219	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.594918	13.121472	0.322834
0.000840	0.855648	27.365459	
0.25000	0.594918	33.575245	0.322834
0.000840	0.460862	83.942786	
0.50000	0.594918	62.836990	0.322834
0.000840	0.102600	106.687441	
0.75000	0.594918	90.348074	0.322834
0.000840	0.360357	84.206727	
1.00000	0.594918	119.469041	0.322834
0.000840	0.694727	27.945493	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717425	-119.480578	-0.278351
-0.001038	-0.706872	-79.535182	
0.25000	-0.717425	-90.355757	-0.278351
-0.001038	-0.361300	-29.338279	
0.50000	-0.717425	-62.845904	-0.278351
-0.001038	-0.044453	-28.721164	
0.75000	-0.717425	-33.583477	-0.278351
-0.001038	-0.369481	-29.365749	
1.00000	-0.717425	-13.108067	-0.278351
-0.001038	-0.763413	-79.933236	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.594918	13.121472	0.322834
0.000840	0.855648	27.365459	
0.25000	0.594918	33.575245	0.322834
0.000840	0.460862	83.942786	
0.50000	0.594918	62.836990	0.322834
0.000840	0.102600	106.687441	
0.75000	0.594918	90.348074	0.322834
0.000840	0.360357	84.206727	
1.00000	0.594918	119.469041	0.322834
0.000840	0.694727	27.945493	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.717425	-119.480578	-0.278351
-0.001038	-0.706872	-79.535182	
0.25000	-0.717425	-90.355757	-0.278351
-0.001038	-0.361300	-29.338279	
0.50000	-0.717425	-62.845904	-0.278351
-0.001038	-0.044453	-28.721164	
0.75000	-0.717425	-33.583477	-0.278351
-0.001038	-0.369481	-29.365749	
1.00000	-0.717425	-13.108067	-0.278351
-0.001038	-0.763413	-79.933236	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4107

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 395 ========== LENGTH = 4.972843

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.263813	0.496232	0.092643
0.000688	0.231007	8.516933	
0.25000	0.263813	0.520045	0.092643
0.000688	0.115853	8.234885	
0.50000	0.263813	0.551443	0.092643
0.000688	0.024769	8.020240	
0.75000	0.263813	0.582964	0.092643
0.000688	0.113434	7.945817	
1.00000	0.263813	0.612218	0.092643
0.000688	0.231517	7.953016	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021636	-0.437256	-0.093147
-0.000432	-0.231832	-1.571197	
0.25000	-0.021636	-0.406007	-0.093147
-0.000432	-0.116025	-1.609912	
0.50000	-0.021636	-0.376488	-0.093147
-0.000432	-0.000500	-1.702164	
0.75000	-0.021636	-0.345089	-0.093147
-0.000432	-0.114532	-1.795689	
1.00000	-0.021636	-0.321281	-0.093147
-0.000432	-0.229709	-1.942575	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.301824	11.541255	0.144186
0.000868	0.367857	26.740822	
0.25000	0.301824	33.735837	0.144186
0.000868	0.199443	83.976976	
0.50000	0.301824	62.936797	0.144186
0.000868	0.087638	106.272914	
0.75000	0.301824	90.511833	0.144186
0.000868	0.189265	83.463421	
1.00000	0.301824	119.640356	0.144186
0.000868	0.350086	25.872601	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242720	-119.347320	-0.134166
-0.000558	-0.342913	-79.950731	
0.25000	-0.242720	-90.223045	-0.134166
-0.000558	-0.182070	-29.671583	
0.50000	-0.242720	-62.711762	-0.134166
-0.000558	-0.046393	-29.264161	
0.75000	-0.242720	-33.448263	-0.134166
-0.000558	-0.198244	-30.092163	
1.00000	-0.242720	-11.258618	-0.134166
-0.000558	-0.377542	-80.627559	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.275792	8.407333	0.144025
0.001032	0.377754	27.655580	
0.25000	0.275792	23.517271	0.144025
0.001032	0.206855	66.201488	
0.50000	0.275792	43.439264	0.144025
0.001032	0.088454	81.116661	
0.75000	0.275792	62.170028	0.144025
0.001032	0.195761	65.170170	
1.00000	0.275792	82.000551	0.144025
0.001032	0.359450	26.495636	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252594	-81.625113	-0.140572
-0.000793	-0.355229	-56.198513	
0.25000	-0.252594	-61.797481	-0.140572
-0.000793	-0.184326	-22.067915	
0.50000	-0.252594	-43.067966	-0.140572
-0.000793	-0.037798	-21.889710	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4108

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.252594	-23.145551	-0.140572
-0.000793	-0.192464	-22.552575	
1.00000	-0.252594	-8.038974	-0.140572
-0.000793	-0.371448	-57.055935	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.320376	7.137959	0.162998
0.000908	0.421120	26.384251	
0.25000	0.320376	19.675992	0.162998
0.000908	0.225229	58.234440	
0.50000	0.320376	36.207008	0.162998
0.000908	0.085366	70.520069	
0.75000	0.320376	51.749557	0.162998
0.000908	0.215058	57.591195	
1.00000	0.320376	68.204672	0.162998
0.000908	0.402649	25.187679	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.316997	-67.818895	-0.158384
-0.000864	-0.397944	-47.579414	
0.25000	-0.316997	-51.366179	-0.158384
-0.000864	-0.204236	-19.306712	
0.50000	-0.316997	-35.824667	-0.158384
-0.000864	-0.034728	-19.207275	
0.75000	-0.316997	-19.293937	-0.158384
-0.000864	-0.213633	-19.805747	
1.00000	-0.316997	-6.758056	-0.158384
-0.000864	-0.415785	-48.484630	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011900	9.427689	0.044632
0.000200	0.123779	17.317368	
0.25000	0.011900	28.002553	0.044632
0.000200	0.077946	65.412386	
0.50000	0.011900	52.492947	0.044632
0.000200	0.058689	84.217392	
0.75000	0.011900	75.518945	0.044632
0.000200	0.063183	65.165182	
1.00000	0.011900	99.896894	0.044632
0.000200	0.094696	16.953500	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261301	-99.763764	-0.030141
-0.000193	-0.082078	-66.050286	
0.25000	-0.261301	-75.389370	-0.030141
-0.000193	-0.049344	-23.913554	
0.50000	-0.261301	-52.364907	-0.030141
-0.000193	-0.035873	-23.514963	
0.75000	-0.261301	-27.873995	-0.030141
-0.000193	-0.067489	-24.150310	
1.00000	-0.261301	-9.303262	-0.030141
-0.000193	-0.122592	-66.386265	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.084415	9.077641	0.072777
0.000408	0.201741	22.330961	
0.25000	0.084415	26.366553	0.072777
0.000408	0.120557	66.795709	
0.50000	0.084415	49.161458	0.072777
0.000408	0.074841	84.110831	
0.75000	0.084415	70.593349	0.072777
0.000408	0.107427	66.367215	
1.00000	0.084415	93.283593	0.072777
0.000408	0.177759	21.593615	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.309681	-93.034537	-0.066712
-0.000494	-0.171878	-62.831151	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4109

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.309681	-70.347832	-0.066712
-0.000494	-0.093364	-23.683407	
0.50000	-0.309681	-48.917139	-0.066712
-0.000494	-0.038169	-23.384265	
0.75000	-0.309681	-26.121753	-0.066712
-0.000494	-0.106004	-24.047484	
1.00000	-0.309681	-8.836686	-0.066712
-0.000494	-0.195644	-63.431268	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.239507	7.122174	0.126159
0.000904	0.331840	25.704796	
0.25000	0.239507	19.360152	0.126159
0.000904	0.181751	56.693084	
0.50000	0.239507	35.495553	0.126159
0.000904	0.081726	68.660700	
0.75000	0.239507	50.666144	0.126159
0.000904	0.169923	56.102588	
1.00000	0.239507	66.727461	0.126159
0.000904	0.309898	24.599994	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.326225	-66.367021	-0.121279
-0.000786	-0.305837	-46.171122	
0.25000	-0.326225	-50.308045	-0.121279
-0.000786	-0.158197	-18.560713	
0.50000	-0.326225	-35.138466	-0.121279
-0.000786	-0.032962	-18.449336	
0.75000	-0.326225	-19.002723	-0.121279
-0.000786	-0.166753	-19.019171	
1.00000	-0.326225	-6.767467	-0.121279
-0.000786	-0.322377	-46.997407	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217819	6.056418	0.152047
0.000744	0.393040	24.448498	
0.25000	0.217819	16.308314	0.152047
0.000744	0.209654	50.364191	
0.50000	0.217819	29.825127	0.152047
0.000744	0.079391	60.338962	
0.75000	0.217819	42.533707	0.152047
0.000744	0.198649	49.762022	
1.00000	0.217819	55.988459	0.152047
0.000744	0.371815	23.311303	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.396500	-55.625107	-0.146462
-0.000828	-0.367123	-39.596894	
0.25000	-0.396500	-42.172317	-0.146462
-0.000828	-0.187669	-16.513478	
0.50000	-0.396500	-29.464584	-0.146462
-0.000828	-0.030889	-16.466352	
0.75000	-0.396500	-15.947485	-0.146462

```
-0.000828   -0.197999   -16.989891
1.00000     -0.396500   -5.697869     -0.146462
-0.000828   -0.386408   -40.473765

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.053628    0.157832    0.075013
6.60E-06    0.186025    4.475995
0.25000     0.053628    0.181646    0.075013
6.60E-06    0.092772    4.437039
0.50000     0.053628    0.213044    0.075013
6.60E-06    0.016867    4.370421
0.75000     0.053628    0.242564    0.075013
6.60E-06    0.090749    4.264758
1.00000     0.053628    0.273818    0.075013
6.60E-06    0.180465    4.136026
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4110

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.210659   -0.183629   -0.072158
-0.000260   -0.178391   -1.510517
0.25000    -0.210659   -0.152380   -0.072158
-0.000260   -0.088688   -1.527842
0.50000    -0.210659   -0.122862   -0.072158
-0.000260   -0.005162   -1.598677
0.75000    -0.210659   -0.093143   -0.072158
-0.000260    0.093769   -1.670837
1.00000    -0.210659   -0.067654   -0.072158
-0.000260   -0.187033   -1.796331

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.187098    0.746672    0.118672
0.000151    0.294481    9.396720
0.25000     0.187098    1.461090    0.118672
0.000151    0.147285   10.917903
0.50000     0.187098    2.403028    0.118672
0.000151    0.033419   11.424624
0.75000     0.187098    3.288643    0.118672
0.000151    0.145930   10.595680
1.00000     0.187098    4.226257    0.118672
0.000151    0.289133    8.758096

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.325992   -4.038532   -0.115347
-0.000530   -0.285211   -5.029105
0.25000    -0.325992   -3.101055   -0.115347
-0.000530   -0.140223   -3.534928
0.50000    -0.325992   -2.215499   -0.115347
-0.000530   -0.010273   -3.646067
0.75000    -0.325992   -1.273541   -0.115347
-0.000530   -0.149044   -3.796972
1.00000    -0.325992   -0.559282   -0.115347
-0.000530   -0.296567   -5.547901

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.117218    1.330880    0.122596
0.000373    0.318116   15.343204
0.25000     0.117218    2.466804    0.122596
0.000373    0.167018   17.711539
0.50000     0.117218    3.964486    0.122596
0.000373    0.050901   18.482138
0.75000     0.117218    5.372614    0.122596
0.000373    0.156017   17.236805
1.00000     0.117218    6.863419    0.122596
0.000373    0.292911   14.402578

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.384103   -6.581827   -0.116784
-0.000719   -0.289010   -7.420317
0.25000    -0.384103   -5.091239   -0.116784
-0.000719   -0.144113   -5.020237
0.50000    -0.384103   -3.683204   -0.116784
-0.000719   -0.014212   -5.172622
0.75000    -0.384103   -2.185491   -0.116784
-0.000719   -0.152858   -5.388243
1.00000    -0.384103   -1.049819   -0.116784
-0.000719   -0.303725   -8.147902

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.177569    6.871140    0.149832
0.000610    0.387815   24.450076
0.25000     0.177569   18.980523    0.149832
 0.000610   0.208098   55.266110
0.50000     0.177569   34.946375    0.149832
 0.000610   0.081055   67.167900
0.75000     0.177569   49.957555    0.149832
 0.000610   0.195957   54.680911
1.00000     0.177569   65.850102    0.149832
 0.000610   0.364169   23.367696
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4111

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.488001   -65.509024   -0.142798
-0.000790   -0.356473   -46.044718
0.25000    -0.488001   -49.618794   -0.142798
-0.000790   -0.184038   -18.734828
0.50000    -0.488001   -34.608615   -0.142798
-0.000790   -0.033971   -18.635014
0.75000    -0.488001   -18.642425   -0.142798
-0.000790   -0.197150   -19.209251
1.00000    -0.488001   -6.535735    -0.142798
-0.000790   -0.382735   -46.903883

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.378362    0.509390    0.125267
0.000578    0.315914    9.041318
0.25000     0.378362    0.517438    0.125267
0.000578    0.161009    8.893706
0.50000     0.378362    0.536650    0.125267
0.000578    0.029310    8.752844
0.75000     0.378362    0.557579    0.125267
0.000578    0.254500    8.652564
1.00000     0.378362    0.575947    0.125267
0.000578    0.496690    8.574184

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.025808   -0.360417   -0.194954
-0.000346   -0.475150   -1.978785
0.25000    -0.025808   -0.342047   -0.194954
-0.000346   -0.233521   -2.080448
0.50000    -0.025808   -0.321117   -0.194954
-0.000346   -0.006364   -2.210522
0.75000    -0.025808   -0.301908   -0.194954
-0.000346   -0.152614   -2.339308
1.00000    -0.025808   -0.293854   -0.194954
-0.000346   -0.308182   -2.497241

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.403855   13.321815    0.215796
0.000705    0.557068   25.819353
0.25000     0.403855   26.150848    0.215796
0.000705    0.305864   65.348196
0.50000     0.403855   56.736802    0.215796
0.000705    0.096503   87.746970
0.75000     0.403855   90.056204    0.215796
0.000705    0.358263   65.002671
1.00000     0.403855  119.297699    0.215796
0.000705    0.659793   25.159977

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.238487  -118.943723   -0.256704
-0.000439   -0.651221   -71.708342
0.25000    -0.238487   -89.698543   -0.256704
-0.000439   -0.333994   -27.511887
0.50000    -0.238487   -56.378453   -0.256704
-0.000439   -0.038148   -27.560011
0.75000    -0.238487   -25.797445   -0.256704
-0.000439   -0.280413   -28.081912
1.00000    -0.238487   -12.974793   -0.256704
-0.000439   -0.546329   -72.747764

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.388484    9.992437    0.216731
0.000845    0.566683   27.890564
0.25000     0.388484   19.101696    0.216731
0.000845    0.312173   55.723974
0.50000     0.388484   40.819260    0.216731
0.000845    0.101892   71.472741
0.75000     0.388484   64.477709    0.216731
0.000845    0.370779   55.249554
1.00000     0.388484   85.240641    0.216731
0.000845    0.687399   26.962706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4112

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.300740   -84.781338   -0.267516
-0.000633   -0.668500   -53.172116
0.25000    -0.300740   -64.015791   -0.267516
-0.000633   -0.338219   -21.916084
0.50000    -0.300740   -40.356853   -0.267516
-0.000633   -0.034613   -22.075828
0.75000    -0.300740   -18.647610   -0.267516
-0.000633   -0.277759   -22.572875
1.00000    -0.300740    -9.538073   -0.267516
-0.000633   -0.537908   -54.413820

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.424601    8.467963    0.236292
0.000740    0.615431   27.164024
0.25000     0.424601   16.028792    0.236292
0.000740    0.334480   50.190416
0.50000     0.424601   34.054716    0.236292
0.000740    0.099499   63.619703
0.75000     0.424601   53.691606    0.236292
0.000740    0.405152   49.702808
1.00000     0.424601   70.925170    0.236292
0.000740    0.760773   26.200470

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.379313   -70.450044   -0.297045
-0.000689   -0.737979   -45.333697
0.25000    -0.379313   -53.214309   -0.297045
-0.000689   -0.371263   -19.448464
0.50000    -0.379313   -33.577014   -0.297045
-0.000689   -0.032755   -19.638882
0.75000    -0.379313   -15.554004   -0.297045
-0.000689   -0.292719   -20.109233
1.00000    -0.379313    -7.996936   -0.297045
-0.000689   -0.583144   -46.595522

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.016516    9.240781    0.076841
0.000170    0.206652   14.860530
0.25000     0.016516   18.233999    0.076841
 0.000170   0.123613   42.568854
0.50000     0.016516   39.674906    0.076841
 0.000170   0.057527   58.261098
0.75000     0.016516   63.031974    0.076841
 0.000170   0.078250   42.425023
1.00000     0.016516   83.530409    0.076841
 0.000170   0.119937   14.608451

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.258246   -83.374518   -0.043562
-0.000156   -0.123723   -49.607278
0.25000    -0.258246   -62.873499   -0.043562
-0.000156   -0.070385   -18.570761
0.50000    -0.258246   -39.515949   -0.043562
-0.000156   -0.024707   -18.550318
0.75000    -0.258246   -18.076508   -0.043562
-0.000156   -0.103903   -18.862592
1.00000    -0.258246    -9.089765   -0.043562
-0.000156   -0.197384   -50.119398

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.100520    9.113418    0.112188
0.000341    0.306200   20.800314
0.25000     0.100520   17.695655    0.112188
 0.000341   0.179264   47.130287
0.50000     0.100520   38.156736    0.112188
 0.000341   0.079159   62.054816
0.75000     0.100520   60.446411    0.112188
 0.000341   0.169764   46.840751
1.00000     0.100520   80.008090    0.112188
 0.000341   0.294692   20.233918
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4113

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.344621   -79.710860   -0.112871
-0.000399   -0.290203   -49.088163
0.25000    -0.344621   -60.146716   -0.112871
-0.000399   -0.151722   -19.561229
0.50000    -0.344621   -37.856581   -0.112871
-0.000399   -0.029391   -19.630208
0.75000    -0.344621   -17.398808   -0.112871
-0.000399   -0.144104   -20.018416
1.00000    -0.344621    -8.820841   -0.112871
-0.000399   -0.280000   -49.936890

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.275596    6.680120    0.192070
0.000756    0.506625   24.679026
0.25000     0.275596   12.257365    0.192070
 0.000756   0.277041   41.383851
0.50000     0.275596   25.554185    0.192070
 0.000756   0.087965   50.773372
0.75000     0.275596   40.039335    0.192070
 0.000756   0.298980   40.921039
1.00000     0.275596   52.751671    0.192070
 0.000756   0.556534   23.791675

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.374919   -52.317661   -0.216577
-0.000640   -0.537194   -34.314057
0.25000    -0.374919   -39.603723   -0.216577
-0.000640   -0.270130   -15.272289
0.50000    -0.374919   -25.118275   -0.216577
-0.000640   -0.027111   -15.464394
0.75000    -0.374919   -11.823604   -0.216577
-0.000640   -0.233048   -15.863674
1.00000    -0.374919    -6.249133   -0.216577
-0.000640   -0.469021   -35.453218

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.283829    5.719536    0.225655
0.000620    0.590086   24.364999
0.25000     0.283829   10.397460    0.225655
 0.000620   0.317862   38.337704
0.50000     0.283829   21.550189    0.225655
 0.000620   0.087895   46.174901
0.75000     0.283829   33.699832    0.225655
 0.000620   0.341985   37.856762
1.00000     0.283829   44.362125    0.225655
 0.000620   0.645290   23.430712

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.480050   -43.909633   -0.252028
-0.000679   -0.622506   -29.980084
0.25000    -0.480050   -33.245797   -0.252028
-0.000679   -0.311685   -14.064778
0.50000    -0.480050   -21.096104   -0.252028
-0.000679   -0.026797   -14.281985
0.75000    -0.480050    -9.945177   -0.252028
-0.000679   -0.273522   -14.672897
1.00000    -0.480050    -5.269580   -0.252028
-0.000679   -0.550477   -31.159761

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.082707    0.201947    0.110230
5.57E-06    0.281895    5.648838
0.25000     0.082707    0.210006    0.110230
5.57E-06    0.145838    5.592860
0.50000     0.082707    0.229218    0.110230
5.57E-06    0.022028    5.530888
0.75000     0.082707    0.250147    0.110230
5.57E-06    0.137150    5.442262
1.00000     0.082707    0.268515    0.110230
5.57E-06    0.269193    5.345380
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4114

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.306728   -0.134290   -0.106246
-0.000221   -0.260875   -1.930177
0.25000    -0.306728   -0.115920   -0.106246
-0.000221   -0.128655   -1.990176
0.50000    -0.306728   -0.094990   -0.106246
-0.000221   -0.006411   -2.078125
0.75000    -0.306728   -0.075781   -0.106246
-0.000221   -0.131737   -2.166740
1.00000    -0.306728   -0.067726   -0.106246
-0.000221   -0.268005   -2.282140

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.226239    0.728194    0.167581
0.000131    0.430226   11.066047
0.25000     0.226239    0.994122    0.167581
0.000131    0.223711   11.698874
0.50000     0.226239    1.628128    0.167581
0.000131    0.017042   12.011189
0.75000     0.226239    2.318794    0.167581
0.000131    0.251544   11.435190
1.00000     0.226239    2.924930    0.167581
0.000131    0.491278   10.527784

COMB DL-G3-2 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.431515   -2.672744   -0.193955
-0.000441   -0.475122   -4.788736
0.25000    -0.431515   -2.066531   -0.193955
-0.000441   -0.234908   -4.029954
0.50000    -0.431515   -1.375851   -0.193955
-0.000441   -0.011839   -4.188563
0.75000    -0.431515   -0.741948   -0.193955
-0.000441   -0.199820   -4.356829
1.00000    -0.431515   -0.476152   -0.193955
-0.000441   -0.406663   -5.440215

COMB DL-G3-3 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.171845    0.869537    0.176684
0.000322    0.465388   16.609550
0.25000     0.171845    1.491789    0.176684
0.000322    0.248078   16.219137
0.50000     0.171845    0.894080    0.176684
0.000322    0.060290   15.915353
0.75000     0.171845    0.912917    0.176684
0.000322    0.248817   15.812602
1.00000     0.171845    0.929448    0.176684
0.000322    0.476894   15.812263

COMB DL-G3-3 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.519304   -0.564260   -0.186839
-0.000589   -0.455172   -4.579637
0.25000    -0.519304   -0.547726   -0.186839
-0.000589   -0.224283   -4.783871
0.50000    -0.519304   -0.528890   -0.186839
-0.000589   -0.015326   -5.011884
0.75000    -0.519304   -0.511601   -0.186839
-0.000589   -0.204347   -5.240576
1.00000    -0.519304   -0.504352   -0.186839
-0.000589   -0.421309   -5.494007

COMB DL-G3-4 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.228461    6.065923    0.228906
0.000512    0.599415   23.882789
0.25000     0.228461   11.142739    0.228906
 0.000512   0.323598   39.108213
0.50000     0.228461   23.246477    0.228906
 0.000512   0.087502   47.642867
0.75000     0.228461   36.431918    0.228906
 0.000512   0.315568   38.646248
1.00000     0.228461   48.003616    0.228906
 0.000512   0.593561   22.994079

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4115

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.585305   -47.572538   -0.231740
-0.000648   -0.574751   -32.081929
0.25000    -0.585305   -35.999383   -0.231740
-0.000648   -0.288623   -14.776207
0.50000    -0.585305   -22.813689   -0.231740
-0.000648   -0.027622   -14.977886
0.75000    -0.585305   -10.711888   -0.231740
-0.000648   -0.276342   -15.368990
1.00000    -0.585305    -5.637597   -0.231740
-0.000648   -0.557711   -33.227623

COMB     DB ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.320376   11.541255    0.162998
 0.001032   0.421130   27.655580
0.25000     0.320376   33.735837    0.162998
 0.001032   0.225229   83.976976
0.50000     0.320376   62.998717    0.162998
 0.001032   0.088454  106.272914
0.75000     0.320376   90.511833    0.162998
 0.001032   0.215058   83.463421
1.00000     0.320376  119.640356    0.162998
 0.001032   0.402649   26.495636

COMB     DB ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.488001  -119.347320   -0.158384
-0.000864   -0.397944   -79.950731
0.25000    -0.488001   -90.223045   -0.158384
-0.000864   -0.204236   -29.671583
0.50000    -0.488001   -62.711762   -0.158384
-0.000864   -0.046393   -29.264161
0.75000    -0.488001   -33.448263   -0.158384
-0.000864   -0.213633   -30.092163
1.00000    -0.488001   -12.974793   -0.158384
-0.000864   -0.415785   -80.627559

COMB     DL ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.424601   13.321815    0.236292
0.000845    0.615431   27.890564
0.25000     0.424601   26.150848    0.236292
0.000845    0.334480   65.348196
0.50000     0.424601   56.736802    0.236292
0.000845    0.101892   87.746970
0.75000     0.424601   90.056204    0.236292
0.000845    0.405152   65.002671
1.00000     0.424601  119.297699    0.236292
0.000845    0.760773   26.962706

COMB     DL ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.585305  -118.943723   -0.297045
-0.000689   -0.737979   -71.708342
0.25000    -0.585305   -89.698543   -0.297045
-0.000689   -0.371263   -27.511887
0.50000    -0.585305   -56.378453   -0.297045
-0.000689   -0.038148   -27.560011
0.75000    -0.585305   -25.797445   -0.297045
-0.000689   -0.292719   -28.081912
1.00000    -0.585305   -12.974793   -0.297045
-0.000689   -0.583144   -72.747764

COMB     CAR ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.424601   13.321815    0.236292
 0.001032   0.615431   27.890564
0.25000     0.424601   33.735837    0.236292
 0.001032   0.334480   83.976976
0.50000     0.424601   62.998717    0.236292
 0.001032   0.101892  106.272914
0.75000     0.424601   90.511833    0.236292
 0.001032   0.405152   83.463421
1.00000     0.424601  119.640356    0.236292
 0.001032   0.760773   26.962706
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING              LOAD                >
                                      4116

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.585305  -119.347320   -0.297045
-0.000864   -0.737979   -79.950731
0.25000    -0.585305   -90.223045   -0.297045
-0.000864   -0.371263   -29.671583
0.50000    -0.585305   -62.711762   -0.297045
-0.000864   -0.046393   -29.264161
0.75000    -0.585305   -33.448263   -0.297045
-0.000864   -0.292719   -30.092163
1.00000    -0.585305   -12.974793   -0.297045
-0.000864   -0.583144   -80.627559

COMB  DESIGN ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.424601   13.321815    0.236292
 0.001032   0.615431   27.890564
0.25000     0.424601   33.735837    0.236292
 0.001032   0.334480   83.976976
0.50000     0.424601   62.998717    0.236292
 0.001032   0.101892  106.272914
0.75000     0.424601   90.511833    0.236292
 0.001032   0.405152   83.463421
1.00000     0.424601  119.640356    0.236292
 0.001032   0.760773   26.962706

COMB  DESIGN ------------------ MIN

REL DIST          P           V2          V3
      T          M2          M3
0.00000    -0.585305  -119.347320   -0.297045
-0.000864   -0.737979   -79.950731
0.25000    -0.585305   -90.223045   -0.297045
-0.000864   -0.371263   -29.671583
0.50000    -0.585305   -62.711762   -0.297045
-0.000864   -0.046393   -29.264161
0.75000    -0.585305   -33.448263   -0.297045
-0.000864   -0.292719   -30.092163
1.00000    -0.585305   -12.974793   -0.297045
-0.000864   -0.583144   -80.627559

ELEM      396 ================== LENGTH
=    4.973396

COMB DB-G1-1 ------------------ MAX

REL DIST          P           V2          V3
      T          M2          M3
0.00000     0.168215    0.595530    0.091002
0.000926    0.227024    7.967493
0.25000     0.168215    0.619377    0.091002
0.000926    0.113900    7.522331
0.50000     0.168215    0.650776    0.091002
0.000926    0.022342    7.134477
0.75000     0.168215    0.680295    0.091002
0.000926    0.124431    6.897563
1.00000     0.168215    0.711570    0.091002
0.000926    0.233855    6.762095
```

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.032994	-0.356480	-0.093142
-0.000180		-0.231686	-1.933571	
0.25000		-0.032994	-0.325228	-0.093142
-0.000180		-0.115877	-1.983352	
0.50000		-0.032994	-0.295707	-0.093142
-0.000180		-0.006213	-2.086744	
0.75000		-0.032994	-0.264309	-0.093142
-0.000180		-0.112425	-2.191395	
1.00000		-0.032994	-0.240506	-0.093142
-0.000180		-0.225580	-2.349420	

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.202187	11.683469	0.135938
0.001143		0.333700	25.889591	
0.25000		0.202187	33.908179	0.135938
0.001143		0.183485	82.811653	
0.50000		0.202187	63.172223	0.135938
0.001143		0.083346	104.836397	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P M2	V2 M3	V3
0.75000		0.202187	90.684226	0.135938
0.001143		0.224613	81.584369	
1.00000		0.202187	119.832298	0.135938
0.001143		0.402245	23.866322	

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.178154	-119.195064	-0.152280
-0.000264		-0.392725	-80.616202	
0.25000		-0.178154	-90.068904	-0.152280
-0.000264		-0.205468	-30.366185	
0.50000		-0.178154	-62.555169	-0.152280
-0.000264		-0.048779	-30.081585	
0.75000		-0.178154	-33.292096	-0.152280
-0.000264		-0.189490	-30.970878	
1.00000		-0.178154	-11.107939	-0.152280
-0.000264		-0.358536	-81.604341	

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.188589	8.617732	0.139653
0.001240		0.343819	26.514953	
0.25000		0.188589	23.748182	0.139653
0.001240		0.182973	64.650831	
0.50000		0.188589	43.670967	0.139653
0.001240		0.082498	79.189832	
0.75000		0.188589	62.400973	0.139653
0.001240		0.259444	63.155031	
1.00000		0.188589	82.244806	0.139653
0.001240		0.469486	23.836156	

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.216168	-81.428735	-0.176511
-0.000539		-0.436518	-57.044978	
0.25000		-0.216168	-61.599821	-0.176511
-0.000539		-0.218742	-22.935926	
0.50000		-0.216168	-42.868635	-0.176511
-0.000539		-0.040639	-22.843030	
0.75000		-0.216168	-22.946511	-0.176511
-0.000539		-0.188014	-23.549313	
1.00000		-0.216168	-7.843670	-0.176511
-0.000539		-0.361765	-58.121128	

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.210042	7.366764	0.159779
0.001032		0.394076	25.207285	
0.25000		0.210042	19.921817	0.159779
0.001032		0.206033	56.628729	
0.50000		0.210042	36.453490	0.159779
0.001032		0.078985	68.521966	
0.75000		0.210042	51.995411	0.159779
0.001032		0.217745	52.693364	
1.00000		0.210042	68.461570	0.159779
0.001032		0.499240	22.402502	

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.269448	-67.619312	-0.189728
-0.000763		-0.469163	-48.474871	
0.25000		-0.269448	-51.165531	-0.189728
-0.000763		-0.234643	-20.213631	
0.50000		-0.269448	-35.622632	-0.189728
-0.000763		-0.037716	-20.178564	
0.75000		-0.269448	-19.091508	-0.189728
-0.000763		-0.210982	-20.806645	
1.00000		-0.269448	-6.559364	-0.189728
-0.000763		-0.409711	-49.535912	

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.016825	9.488005	0.033134
0.000206		0.078694	16.956326	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	T	P M2	V2 M3	V3
0.25000		0.016825	28.088084	0.033134
0.000206		0.053260	64.879678	
0.50000		0.016825	52.579451	0.033134
0.000206		0.056717	83.561199	
0.75000		0.016825	75.604518	0.033134
0.000206		0.100631	64.239757	
1.00000		0.016825	99.998828	0.033134
0.000206		0.170577	16.004453	

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.169400	-99.683187	-0.060429
-0.000167		-0.156203	-66.384740	
0.25000		-0.169400	-75.307216	-0.060429
-0.000167		-0.082847	-24.262150	
0.50000		-0.169400	-52.280699	-0.060429
-0.000167		-0.037313	-23.956112	
0.75000		-0.169400	-27.790145	-0.060429
-0.000167		-0.059692	-24.632516	
1.00000		-0.169400	-9.224005	-0.060429
-0.000167		-0.100299	-66.940307	

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.061779	9.214466	0.069421
0.000295		0.167632	21.600633	
0.25000		0.061779	26.526847	0.069421
0.000295		0.095954	65.779535	
0.50000		0.061779	49.322658	0.069421
0.000295		0.070588	82.845720	
0.75000		0.061779	70.753682	0.069421
0.000295		0.169649	64.699377	
1.00000		0.061779	93.459155	0.069421
0.000295		0.298408	19.781533	

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.245584	-92.892794	-0.108154
-0.000536		-0.266181	-63.428431	
0.25000		-0.245584	-70.204390	-0.108154
-0.000536		-0.133605	-24.289802	
0.50000		-0.245584	-48.772017	-0.108154
-0.000536		-0.040388	-24.072132	
0.75000		-0.245584	-25.976962	-0.108154
-0.000536		-0.103866	-24.769189	
1.00000		-0.245584	-8.696171	-0.108154
-0.000536		-0.190247	-64.215460	

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.163985	7.331790	0.122143
0.000978		0.300726	24.615678	
0.25000		0.163985	19.586381	0.122143
0.000978		0.159212	55.194013	
0.50000		0.163985	35.722424	0.122143
0.000978		0.075827	66.809620	
0.75000		0.163985	50.892401	0.122143
0.000978		0.235518	53.784157	
1.00000		0.163985	66.964498	0.122143
0.000978		0.425021	22.025174	

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.250984	-66.172113	-0.156624
-0.000645		-0.384701	-46.989866	
0.25000		-0.250984	-50.112099	-0.156624
-0.000645		-0.191361	-19.393575	
0.50000		-0.250984	-34.941166	-0.156624
-0.000645		-0.035694	-19.347959	
0.75000		-0.250984	-18.805659	-0.156624
-0.000645		-0.163738	-19.946521	
1.00000		-0.250984	-6.573429	-0.156624
-0.000645		-0.315691	-47.979962	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.164347	6.284977	0.149804
0.000816		0.369586	23.327178	
0.25000		0.164347	16.550790	0.149804
0.000816		0.191982	48.812648	
0.50000		0.164347	30.068141	0.149804
0.000816		0.073056	58.409875	
0.75000		0.164347	42.776207	0.149804
0.000816		0.255476	47.366829	
1.00000		0.164347	56.239989	0.149804
0.000816		0.472211	20.626069	

COMB DB-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.310203	-55.433121	-0.177730
-0.000847		-0.437102	-40.467490	
0.25000		-0.310203	-41.979461	-0.177730
-0.000847		-0.217296	-17.388301	
0.50000		-0.310203	-29.270594	-0.177730
-0.000847		-0.033811	-17.388631	
0.75000		-0.310203	-15.753692	-0.177730
-0.000847		-0.196557	-17.931194	
1.00000		-0.310203	-5.506611	-0.177730
-0.000847		-0.382937	-41.451080	

COMB DB-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.059427	0.239697	0.076263
4.32E-06		0.189035	4.139209	
0.25000		0.059427	0.263543	0.076263
4.32E-06		0.094226	3.976894	
0.50000		0.059427	0.294942	0.076263
4.32E-06		0.014674	3.790904	
0.75000		0.059427	0.324461	0.076263
4.32E-06		0.054602	3.569911	
1.00000		0.059427	0.359736	0.076263
4.32E-06		0.187423	3.328763	

COMB DB-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.167703	-0.147971	-0.074778
-0.000479		-0.184725	-1.796991	
0.25000		-0.167703	-0.116719	-0.074778
-0.000479		-0.091749	-1.802058	
0.50000		-0.167703	-0.087198	-0.074778
-0.000479		-0.006135	-1.860740	
0.75000		-0.167703	-0.055890	-0.074778
-0.000479		-0.095438	-1.920681	
1.00000		-0.167703	-0.031997	-0.074778
-0.000479		-0.190267	-2.033995	

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.141814	0.891015	0.120614
4.33E-05		0.298722	8.765650	
0.25000		0.141814	1.606402	0.120614
4.33E-05		0.149372	10.061736	
0.50000		0.141814	2.548378	0.120614
4.33E-05		0.029502	10.356206	
0.75000		0.141814	3.433957	0.120614
4.33E-05		0.159724	9.284430	
1.00000		0.141814	4.372200	0.120614
4.33E-05		0.309371	7.235710	

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.267263	-3.950889	-0.121385
-0.000844		-0.297920	-5.547416	
0.25000		-0.267263	-3.013351	-0.121385
-0.000844		-0.147950	-4.035713	
0.50000		-0.267263	-2.127716	-0.121385
-0.000844		-0.011988	-4.132340	
0.75000		-0.267263	-1.185772	-0.121385
-0.000844		-0.151695	-4.266753	
1.00000		-0.267263	-0.471689	-0.121385
-0.000844		-0.301654	-6.002373	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.104488	1.538048	0.123557
0.000275		0.305763	14.412454	
0.25000		0.104488	2.675514	0.123557
0.000275		0.153069	16.434126	
0.50000		0.104488	4.173256	0.123557
0.000275		0.045331	16.883872	
0.75000		0.104488	5.581327	0.123557
0.000275		0.206147	15.295621	
1.00000		0.104488	7.073133	0.123557
0.000275		0.391084	12.169473	

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.322968	-6.439194	-0.149777
-0.000978		-0.357842	-8.146903	
0.25000		-0.322968	-4.948510	-0.149777
-0.000978		-0.171990	-5.732199	
0.50000		-0.322968	-3.540350	-0.149777
-0.000978		-0.016637	-5.874737	
0.75000		-0.322968	-2.042658	-0.149777
-0.000978		-0.155937	-6.077356	
1.00000		-0.322968	-0.907267	-0.149777
-0.000978		-0.309598	-8.825894	

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.144492	7.092784	0.147718
0.000618		0.363650	23.380838	
0.25000		0.144492	19.218605	0.147718
0.000618		0.190242	53.779834	
0.50000		0.144492	35.185092	0.147718
0.000618		0.074799	65.320389	
0.75000		0.144492	50.195665	0.147718
0.000618		0.252694	52.368273	
1.00000		0.144492	66.098878	0.147718
0.000618		0.467421	20.778390	

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.375415	-65.330584	-0.176121
-0.000922		-0.432773	-46.899969	
0.25000		-0.375415	-49.439326	-0.176121
-0.000922		-0.212582	-19.590270	
0.50000		-0.375415	-34.427808	-0.176121
-0.000922		-0.036949	-19.541747	
0.75000		-0.375415	-18.461850	-0.176121
-0.000922		-0.196132	-20.133700	
1.00000		-0.375415	-6.358156	-0.176121
-0.000922		-0.379848	-47.866115	

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.294225	0.642421	0.120388
0.000833		0.300673	8.568959	
0.25000		0.294225	15.659485	0.120388
0.000833		0.150942	8.198215	
0.50000		0.294225	0.669700	0.120388
0.000833		0.026618	7.851308	
0.75000		0.294225	0.690631	0.120388
0.000833		0.282835	7.545680	
1.00000		0.294225	0.709001	0.120388
0.000833		0.551129	7.272830	

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.043650	-0.284644	-0.217416
-0.000165		-0.530974	-2.453913	
0.25000		-0.043650	-0.266074	-0.217416
-0.000165		-0.260335	-2.568931	
0.50000		-0.043650	-0.245144	-0.217416
-0.000165		-0.007869	-2.711566	
0.75000		-0.043650	-0.225936	-0.217416
-0.000165		-0.146291	-2.854202	
1.00000		-0.043650	-0.217885	-0.217416
-0.000165		-0.296546	-3.025055	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.323631	13.531914	0.195522
0.000994		0.487875	25.146499	
0.25000		0.323631	26.369313	0.195522
0.000994		0.295560	64.225566	
0.50000		0.323631	56.959854	0.195522
0.000994		0.091853	86.327370	
0.75000		0.323631	90.281235	0.195522
0.000994		0.413628	63.205272	
1.00000		0.323631	119.527167	0.195522
0.000994		0.763814	23.095658	

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.215082	-118.772437	-0.297008
-0.000236		-0.741690	-72.698255	
0.25000		-0.215082	-89.526425	-0.297008
-0.000236		-0.375121	-28.540038	
0.50000		-0.215082	-56.206665	-0.297008
-0.000236		-0.041744	-28.719403	
0.75000		-0.215082	-25.627916	-0.297008
-0.000236		-0.264331	-29.347396	
1.00000		-0.215082	-12.810643	-0.297008
-0.000236		-0.507007	-74.145516	

COMB DL-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.310308	10.276426	0.194237
0.001082		0.480566	26.963180	
0.25000		0.310308	19.391625	0.194237
0.001082		0.256653	54.260714	
0.50000		0.310308	41.112446	0.194237
0.001082		0.095298	69.570680	
0.75000		0.310308	64.772301	0.194237
0.001082		0.463550	52.060749	
1.00000		0.310308	85.538382	0.194237
0.001082		0.856441	24.166228	

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.282589	-84.575958	-0.328271
-0.000458		-0.797777	-54.374325	
0.25000		-0.282589	-63.809820	-0.328271
-0.000458		-0.394261	-23.147447	
0.50000		-0.282589	-40.151116	-0.328271
-0.000458		-0.038899	-23.401624	
0.75000		-0.282589	-16.438618	-0.328271
-0.000458		-0.262260	-23.975372	
1.00000		-0.282589	-9.337760	-0.328271
-0.000458		-0.502183	-55.911750	

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.339143	8.767551	0.217700
0.000901		0.536346	26.220014	
0.25000		0.339143	16.333311	0.217700
0.000901		0.280471	48.687008	
0.50000		0.339143	34.361938	0.217700
0.000901		0.092317	61.222622	
0.75000		0.339143	53.999995	0.217700
0.000901		0.508958	47.222735	
1.00000		0.339143	71.236173	0.217700
0.000901		0.949908	23.284225	

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.352055	-70.250145	-0.365019
-0.000644		-0.883381	-46.575102	
0.25000		-0.352055	-53.013920	-0.365019
-0.000644		-0.433338	-20.706044	
0.50000		-0.352055	-33.376818	-0.365019
-0.000644		-0.037276	-20.966941	
0.75000		-0.352055	-15.355140	-0.365019
-0.000644		-0.290696	-21.492672	
1.00000		-0.352055	-7.801242	-0.365019
-0.000644		-0.560433	-48.050197	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.024108	9.336281	0.062230
0.000175		0.154478	14.605442	
0.25000		0.024108	18.335362	0.062230
0.000175		0.092735	42.080004	
0.50000		0.024108	39.779485	0.062230
0.000175		0.055244	57.634201	
0.75000		0.024108	63.137941	0.062230
0.000175		0.114545	41.605649	
1.00000		0.024108	83.639486	0.062230
0.000175		0.187656	13.680456	

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.207948	-83.281163	-0.068632
-0.000141		-0.173056	-50.118837	
0.25000		-0.207948	-62.779562	-0.068632
-0.000141		-0.090611	-19.099961	
0.50000		-0.207948	-39.422242	-0.068632
-0.000141		-0.026702	-19.162232	
0.75000		-0.207948	-17.986385	-0.068632
-0.000141		-0.095679	-19.539294	
1.00000		-0.207948	-9.001412	-0.068632
-0.000141		-0.172368	-50.879288	

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.087787	9.300376	0.096002
0.000258		0.232953	20.251968	
0.25000		0.087787	17.888209	0.096002
0.000258		0.130856	46.203358	
0.50000		0.087787	38.352359	0.096002
0.000258		0.074504	60.827342	
0.75000		0.087787	60.643358	0.096002
0.000258		0.250592	45.270605	
1.00000		0.087787	80.208005	0.096002
0.000258		0.440379	18.399799	

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.301649	-79.565325	-0.163187
-0.000434		-0.390259	-49.944617	
0.25000		-0.301649	-60.000624	-0.163187
-0.000434		-0.119140	-20.428357	
0.50000		-0.301649	-37.710710	-0.163187
-0.000434		-0.032697	-20.571290	
0.75000		-0.301649	-17.254448	-0.163187
-0.000434		-0.143317	-21.015555	
1.00000		-0.301649	-8.680079	-0.163187
-0.000434		-0.262162	-51.007486	

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.223883	6.956865	0.170478
0.000866		0.420712	23.799341	
0.25000		0.223883	12.537747	0.170478
0.000866		0.221461	40.018800	
0.50000		0.223883	25.836562	0.170478
0.000866		0.081561	48.948710	
0.75000		0.223883	40.322572	0.170478
0.000866		0.393623	38.617337	
1.00000		0.223883	53.036836	0.170478
0.000866		0.726765	21.078123	

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.330241	-52.127591	-0.275328
-0.000549		-0.660099	-35.402233	
0.25000		-0.330241	-39.413291	-0.275328
-0.000549		-0.321465	-16.408191	
0.50000		-0.330241	-24.927986	-0.275328
-0.000549		-0.031219	-16.657453	
0.75000		-0.330241	-11.634297	-0.275328
-0.000549		-0.226978	-17.102654	
1.00000		-0.330241	-6.062165	-0.275328
-0.000549		-0.438025	-36.749722	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.237486	6.015420	0.207373
0.000722		0.509546	23.455245	
0.25000		0.237486	10.696393	0.207373
0.000722		0.262229	36.911760	
0.50000		0.237486	21.850796	0.207373
0.000722		0.080850	44.260900	
0.75000		0.237486	34.000960	0.207373
0.000722		0.448361	35.447680	
1.00000		0.237486	44.665071	0.207373
0.000722		0.837779	20.584734	

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.424146	-43.726224	-0.319035
-0.000736		-0.763193	-31.158196	
0.25000		-0.424146	-33.062085	-0.319035
-0.000736		-0.369594	-15.248270	
0.50000		-0.424146	-20.912512	-0.319035
-0.000736		-0.031208	-15.503644	
0.75000		-0.424146	-9.762409	-0.319035
-0.000736		-0.274139	-15.923440	
1.00000		-0.424146	-5.088774	-0.319035
-0.000736		-0.531361	-32.448919	

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000		0.087375	0.302506	0.108212
4.01E-06		0.263364	5.371030	
0.25000		0.087375	0.310570	0.108212
4.01E-06		0.129463	5.158276	
0.50000		0.087375	0.329785	0.108212
4.01E-06		0.019370	4.941630	
0.75000		0.087375	0.350715	0.108212
4.01E-06		0.177904	4.701994	
1.00000		0.087375	0.369086	0.108212
4.01E-06		0.342608	4.455194	

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000		-0.267888	-0.100619	-0.131957
-0.000431		-0.313713	-2.309303	
0.25000		-0.267888	-0.082248	-0.131957
-0.000431		-0.149785	-2.354828	
0.50000		-0.267888	-0.061319	-0.131957
-0.000431		-0.007892	-2.429490	
0.75000		-0.267888	-0.042111	-0.131957
-0.000431		-0.140961	-2.502780	
1.00000		-0.267888	-0.034060	-0.131957
-0.000431		-0.275459	-2.603707	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198044	0.905906	0.163931
3.53E-05	0.398473	10.575802	
0.25000	0.198044	1.172008	0.163931
3.53E-05	0.196460	10.896095	
0.50000	0.198044	1.806108	0.163931
3.53E-05	0.037203	10.919299	
0.75000	0.198044	2.496815	0.163931
3.53E-05	0.324376	10.074025	
1.00000	0.198044	3.103044	0.163931
3.53E-05	0.620647	8.899871	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383647	-2.596924	-0.238624
-0.000731	-0.568157	-5.477678	
0.25000	-0.383647	-1.990694	-0.238624
-0.000731	-0.272677	-4.696935	
0.50000	-0.383647	-1.300021	-0.238624
-0.000731	-0.014470	-4.840408	
0.75000	-0.383647	-0.666165	-0.238624
-0.000731	-0.215013	-4.988351	
1.00000	-0.383647	-0.400480	-0.238624
-0.000731	-0.418659	-6.051840	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4124

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.161069	1.122299	0.165774
0.000243	0.461064	15.858137	
0.25000	0.161069	1.129557	0.165774
0.000243	0.198088	15.058752	
0.50000	0.161069	1.146850	0.165774
0.000243	0.053845	14.333422	
0.75000	0.161069	1.165688	0.165774
0.000243	0.355695	13.623675	
1.00000	0.161069	1.182221	0.165774
0.000243	0.669342	13.427868	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.464332	-0.436258	-0.252561
-0.000835	-0.588565	-5.529827	
0.25000	-0.464332	-0.419724	-0.252561
-0.000835	-0.277222	-5.715388	
0.50000	-0.464332	-0.400888	-0.252561
-0.000835	-0.018937	-5.925080	
0.75000	-0.464332	-0.383601	-0.252561
-0.000835	-0.220173	-6.135126	
1.00000	-0.464332	-0.376355	-0.252561
-0.000835	-0.425726	-6.369387	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206058	6.354395	0.210205
0.000544	0.514965	23.023793	
0.25000	0.206058	11.434522	0.210205
0.000544	0.264653	37.743140	
0.50000	0.206058	23.540075	0.210205
0.000544	0.015358	45.809621	
0.75000	0.206058	36.726300	0.210205
0.000544	0.424168	36.328283	
1.00000	0.206058	48.299753	0.210205
0.000544	0.788448	20.252126	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.508152	-47.399159	-0.299066
-0.000794	-0.712340	-33.243246	
0.25000	-0.508152	-35.825674	-0.299066
-0.000794	-0.344797	-15.937205	
0.50000	-0.508152	-22.640091	-0.299066
-0.000794	-0.032034	-16.244973	
0.75000	-0.508152	-10.539203	-0.299066
-0.000794	-0.281323	-16.664521	
1.00000	-0.508152	-5.467041	-0.299066
-0.000794	-0.542279	-34.486462	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210042	11.683469	0.159779
0.001240	0.394076	26.514953	
0.25000	0.210042	33.908179	0.159779
0.001240	0.206033	82.811653	
0.50000	0.210042	63.172223	0.159779
0.001240	0.083346	104.836397	
0.75000	0.210042	90.684226	0.159779
0.001240	0.271745	81.584369	
1.00000	0.210042	119.832298	0.159779
0.001240	0.499240	23.866322	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.375415	-119.195064	-0.189728
-0.000978	-0.469163	-80.616202	
0.25000	-0.375415	-90.068904	-0.189728
-0.000978	-0.234643	-30.366185	
0.50000	-0.375415	-62.555169	-0.189728
-0.000978	-0.048779	-30.081585	
0.75000	-0.375415	-33.292096	-0.189728
-0.000978	-0.290696	-30.970878	
1.00000	-0.375415	-11.107939	-0.189728
-0.000978	-0.409711	-81.604341	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4125

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.339143	13.531914	0.217700
0.001082	0.536346	26.963180	
0.25000	0.339143	26.369313	0.217700
0.001082	0.280471	64.225566	
0.50000	0.339143	56.959854	0.217700
0.001082	0.095298	86.327370	
0.75000	0.339143	90.281235	0.217700
0.001082	0.508958	63.205272	
1.00000	0.339143	119.527167	0.217700
0.001082	0.949908	24.166228	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.508152	-118.772437	-0.365019
-0.000835	-0.883381	-72.698255	
0.25000	-0.508152	-89.526425	-0.365019
-0.000835	-0.433338	-28.540038	
0.50000	-0.508152	-56.206665	-0.365019
-0.000835	-0.041744	-28.719403	
0.75000	-0.508152	-25.627916	-0.365019
-0.000835	-0.290696	-29.347396	
1.00000	-0.508152	-12.810643	-0.365019
-0.000835	-0.560433	-74.145516	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.339143	13.531914	0.217700
0.001240	0.536346	26.963180	
0.25000	0.339143	33.908179	0.217700
0.001240	0.280471	82.811653	
0.50000	0.339143	63.172223	0.217700
0.001240	0.095298	104.836397	
0.75000	0.339143	90.684226	0.217700
0.001240	0.508958	81.584369	
1.00000	0.339143	119.832298	0.217700
0.001240	0.949908	24.166228	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.508152	-119.195064	-0.365019
-0.000978	-0.883381	-80.616202	
0.25000	-0.508152	-90.068904	-0.365019
-0.000978	-0.433338	-30.366185	
0.50000	-0.508152	-62.555169	-0.365019
-0.000978	-0.048779	-30.081585	
0.75000	-0.508152	-33.292096	-0.365019
-0.000978	-0.290696	-30.970878	
1.00000	-0.508152	-12.810643	-0.365019
-0.000978	-0.560433	-81.604341	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.339143	13.531914	0.217700
0.001240	0.536346	26.963180	
0.25000	0.339143	33.908179	0.217700
0.001240	0.280471	82.811653	
0.50000	0.339143	63.172223	0.217700
0.001240	0.095298	104.836397	
0.75000	0.339143	90.684226	0.217700
0.001240	0.508958	81.584369	
1.00000	0.339143	119.832298	0.217700
0.001240	0.949908	24.166228	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.508152	-119.195064	-0.365019
-0.000978	-0.883381	-80.616202	
0.25000	-0.508152	-90.068904	-0.365019
-0.000978	-0.433338	-30.366185	
0.50000	-0.508152	-62.555169	-0.365019
-0.000978	-0.048779	-30.081585	
0.75000	-0.508152	-33.292096	-0.365019
-0.000978	-0.290696	-30.970878	
1.00000	-0.508152	-12.810643	-0.365019
-0.000978	-0.560433	-81.604341	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4126

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 397 ========== LENGTH = 4.972882

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115784	0.734528	0.089212
0.001135	0.222574	6.776034	
0.25000	0.115784	0.758414	0.089212
0.001135	0.111683	6.119643	
0.50000	0.115784	0.789818	0.089212
0.001135	0.017351	5.506453	
0.75000	0.115784	0.819335	0.089212
0.001135	0.149372	5.020339	
1.00000	0.115784	0.850631	0.089212
0.001135	0.289198	4.674847	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.043176	-0.217956	-0.112696
-4.50E-06	-0.271630	-2.346724	
0.25000	-0.043176	-0.186730	-0.112696
-4.50E-06	-0.131755	-2.361539	
0.50000	-0.043176	-0.157203	-0.112696
-4.50E-06	-0.007015	-2.429905	
0.75000	-0.043176	-0.125805	-0.112696
-4.50E-06	-0.110154	-2.499539	
1.00000	-0.043176	-0.102024	-0.112696
-4.50E-06	-0.221071	-2.623031	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.147689	11.870211	0.136602
0.001493	0.323235	23.925373	
0.25000	0.147689	34.131932	0.136602
0.001493	0.176915	80.439471	
0.50000	0.147689	63.400850	0.136602
0.001493	0.074651	102.066886	
0.75000	0.147689	90.910875	0.136602
0.001493	0.268764	78.096785	
1.00000	0.147689	120.078786	0.136602
0.001493	0.495800	20.372387	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136193	-118.921634	-0.192524
-5.35E-05	-0.476823	-81.569914	
0.25000	-0.136193	-89.819206	-0.192524
-5.35E-05	-0.249397	-31.347485	
0.50000	-0.136193	-62.300334	-0.192524
-5.35E-05	-0.051577	-31.037631	
0.75000	-0.136193	-33.037500	-0.192524
-5.35E-05	-0.192197	-31.745934	
1.00000	-0.136193	-10.872969	-0.192524
-5.35E-05	-0.362033	-82.581926	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140315	8.890870	0.140648
0.001460	0.338608	23.907245	
0.25000	0.140315	24.046516	0.140648
0.001460	0.179647	61.546616	
0.50000	0.140315	43.972620	0.140648
0.001460	0.070893	75.576154	
0.75000	0.140315	62.767279	0.140648
0.001460	0.322620	58.799773	
1.00000	0.140315	82.558618	0.140648
0.001460	0.605460	19.264661	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.189069	-81.098477	-0.234488
-0.000365	-0.579315	-58.097599	
0.25000	-0.189069	-61.285718	-0.234488
-0.000365	-0.288205	-23.954537	
0.50000	-0.189069	-42.551035	-0.234488
-0.000365	-0.043391	-23.788934	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4127

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.189069	-22.629074	-0.234488
-0.000365	-0.189989	-24.316556	
1.00000	-0.189069	-7.539595	-0.234488
-0.000365	-0.364930	-58.970850	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154961	7.658199	0.161529
0.001216	0.391990	22.464165	
0.25000	0.154961	20.234161	0.161529
0.001216	0.204352	53.378681	
0.50000	0.154961	36.768587	0.161529
0.001216	0.066519	64.761810	
0.75000	0.154961	52.309390	0.161529
0.001216	0.335979	50.619175	
1.00000	0.154961	68.786756	0.161529
0.001216	0.633027	17.655772	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224808	-67.321803	-0.244822
-0.000707	-0.601800	-49.517716	
0.25000	-0.224808	-50.881429	-0.244822
-0.000707	-0.298457	-21.188587	
0.50000	-0.224808	-35.335629	-0.244822
-0.000707	-0.040369	-21.053541	
0.75000	-0.224808	-18.804639	-0.244822
-0.000707	-0.213777	-21.493863	
1.00000	-0.224808	-6.283582	-0.244822
-0.000707	-0.414684	-50.252052	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022317	9.557821	0.038958
0.000272	0.079746	16.052207	
0.25000	0.022317	28.188875	0.038958
0.000272	0.052279	63.755729	
0.50000	0.022317	52.684322	0.038958
0.000272	0.052327	82.254755	
0.75000	0.022317	75.707733	0.038958
0.000272	0.124325	62.496500	
1.00000	0.022317	100.118646	0.038958
0.000272	0.219280	14.387077	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.108226	-99.543529	-0.084524
-0.000167	-0.223313	-66.911875	
0.25000	-0.108226	-75.187419	-0.084524
-0.000167	-0.118296	-24.831290	
0.50000	-0.108226	-52.156603	-0.084524
-0.000167	-0.039191	-24.519685	
0.75000	-0.108226	-27.666249	-0.084524
-0.000167	-0.071019	-25.059997	
1.00000	-0.108226	-9.116535	-0.084524
-0.000167	-0.119334	-67.552614	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048298	9.382411	0.073245
0.000304	0.168145	19.841992	
0.25000	0.048298	26.723953	0.073245
0.000304	0.095312	63.681081	
0.50000	0.048298	49.523561	0.073245
0.000304	0.062318	80.419351	
0.75000	0.048298	70.953043	0.073245
0.000304	0.141291	61.082510	
1.00000	0.048298	93.673970	0.073245
0.000304	0.399307	16.741644	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191859	-92.676812	-0.153838
-0.000594	-0.386826	-64.191340	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4128

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.191859	-70.006894	-0.153838
-0.000594	-0.195763	-25.042832	
0.50000	-0.191859	-48.570519	-0.153838
-0.000594	-0.042714	-24.771604	
0.75000	-0.191859	-25.775651	-0.153838
-0.000594	-0.109600	-25.293347	
1.00000	-0.191859	-8.510148	-0.153838
-0.000594	-0.200767	-64.863022	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118380	7.603462	0.123553
0.001110	0.297899	22.098944	
0.25000	0.118380	19.878460	0.123553
0.001110	0.157158	52.192227	
0.50000	0.118380	36.017191	0.123553
0.001110	0.064364	63.334185	
0.75000	0.118380	51.186077	0.123553
0.001110	0.299978	49.647891	
1.00000	0.118380	67.269113	0.123553
0.001110	0.563636	17.640107	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197035	-65.857346	-0.217782
-0.000539	-0.534686	-47.963771	
0.25000	-0.197035	-49.810417	-0.217782
-0.000539	-0.264227	-20.314150	
0.50000	-0.197035	-34.636653	-0.217782
-0.000539	0.038232	-20.183860	
0.75000	-0.197035	-18.501277	-0.217782
-0.000539	-0.166070	-20.615070	
1.00000	-0.197035	-6.279869	-0.217782
-0.000539	-0.319788	-48.686409	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132990	6.570602	0.151946
0.000926	0.369568	20.687356	
0.25000	0.132990	16.853511	0.151946
0.000926	0.181399	45.678586	
0.50000	0.132990	30.373113	0.151946
0.000926	0.060721	54.791478	
0.75000	0.132990	43.080265	0.151946
0.000926	0.312640	43.111409	
1.00000	0.132990	56.553211	0.151946
0.000926	0.590759	16.077790	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238262	-55.169431	-0.229930
-0.000857	-0.565475	-41.439075	
0.25000	-0.238262	-41.726732	-0.229930
-0.000857	-0.279833	-18.273024	
0.50000	-0.238262	-29.015494	-0.229930
-0.000857	-0.036312	-18.160236	
0.75000	-0.238262	-15.498702	-0.229930
-0.000857	-0.199758	-18.517999	
1.00000	-0.238262	-5.260866	-0.229930
-0.000857	-0.388795	-42.030307	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064487	0.328048	0.077737
5.48E-07	0.192605	3.326153	
0.25000	0.064487	0.351934	0.077737
5.48E-07	0.095978	3.030323	
0.50000	0.064487	0.383339	0.077737
5.48E-07	0.010402	2.711329	
0.75000	0.064487	0.412856	0.077737
5.48E-07	0.099155	2.362057	
1.00000	0.064487	0.444152	0.077737
5.48E-07	0.196669	2.001395	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4129

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.121500	-0.145168	-0.078452
-0.000638	-0.193499	-2.036771	
0.25000	-0.121500	-0.113942	-0.078452
-0.000638	-0.095960	-1.973930	
0.50000	-0.121500	-0.084416	-0.078452
-0.000638	-0.006724	-1.964639	
0.75000	-0.121500	-0.053018	-0.078452
-0.000638	-0.097326	-1.956472	
1.00000	-0.121500	-0.029236	-0.078452
-0.000638	-0.193979	-2.002482	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113556	1.060172	0.123202
4.16E-06	0.304639	7.241458	
0.25000	0.113556	1.776751	0.123202
4.16E-06	0.152228	8.286238	
0.50000	0.113556	2.718883	0.123202
4.16E-06	0.021868	8.329544	
0.75000	0.113556	3.604399	0.123202
4.16E-06	0.181808	6.991216	
1.00000	0.113556	4.543281	0.123202
4.16E-06	0.355298	4.738010	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199143	-3.906050	-0.139966
-0.001088	-0.341778	-6.005544	
0.25000	-0.199143	-2.286238	-0.139966
-0.001088	-0.167889	-4.386109	
0.50000	-0.199143	-2.083476	-0.139966
-0.001088	-0.013081	-4.373173	
0.75000	-0.199143	-1.141539	-0.139966
-0.001088	-0.155042	-4.393114	
1.00000	-0.199143	-0.428088	-0.139966
-0.001088	-0.308216	-6.026971	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098126	1.784141	0.126732
0.000206	0.312851	12.203584	
0.25000	0.098126	2.923475	0.126732
0.000206	0.156446	13.851527	
0.50000	0.098126	4.421465	0.126732
0.000206	0.034602	13.920758	
0.75000	0.098126	5.829436	0.126732
0.000206	0.248301	11.920880	
1.00000	0.098126	7.322257	0.126732
0.000206	0.481182	8.461780	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.255374	-6.287134	-0.188048
-0.001190	-0.455772	-8.831119	
0.25000	-0.255374	-4.797665	-0.188048
-0.001190	-0.222161	-6.283840	
0.50000	-0.255374	-3.389242	-0.188048
-0.001190	-0.018213	-6.290895	
0.75000	-0.255374	-1.880562	-0.188048
-0.001190	-0.160033	-6.350199	
1.00000	-0.255374	-0.757176	-0.188048
-0.001190	-0.317686	-8.975378	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.125053	7.360666	0.150798
0.000687	0.364984	20.836772	
0.25000	0.125053	19.506680	0.150798
0.000687	0.190273	50.756355	
0.50000	0.125053	35.475827	0.150798
0.000687	0.062651	61.837602	
0.75000	0.125053	50.485319	0.150798
0.000687	0.304274	48.248730	
1.00000	0.125053	66.399357	0.150798
0.000687	0.576976	16.422776	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4130

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276264	-65.098617	-0.224896
-0.001043	-0.563326	-47.852277	
0.25000	-0.276264	-49.220307	-0.224896
-0.001043	-0.276914	-20.456292	
0.50000	-0.276264	-34.205987	-0.224896
-0.001043	-0.039524	-20.290479	
0.75000	-0.276264	-18.240160	-0.224896
-0.001043	-0.200633	-20.680253	
1.00000	-0.276264	-6.147173	-0.224896
-0.001043	-0.388192	-48.419987	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228579	0.795259	0.115247
0.001101	0.288038	7.272405	
0.25000	0.228579	0.803345	0.115247
0.001101	0.144829	6.590927	
0.50000	0.228579	0.822567	0.115247
0.001101	0.020169	5.943056	
0.75000	0.228579	0.843497	0.115247
0.001101	0.305174	5.326895	
1.00000	0.228579	0.861865	0.115247
0.001101	0.602635	4.753682	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059674	-0.167594	-0.239318
-4.40E-06	-0.587674	-2.990420	
0.25000	-0.059674	-0.149222	-0.239318
-4.40E-06	-0.289937	-3.055404	
0.50000	-0.059674	-0.128292	-0.239318
-4.40E-06	-0.009012	-3.148327	
0.75000	-0.059674	-0.109087	-0.239318
-4.40E-06	-0.140322	-3.241349	
1.00000	-0.059674	-0.101051	-0.239318
-4.40E-06	-0.283552	-3.362384	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.264583	13.658974	0.191321
0.001401	0.470229	23.111776	
0.25000	0.264583	26.530592	0.191321
0.001401	0.253398	61.701429	
0.50000	0.264583	57.133258	0.191321
0.001401	0.081229	83.288660	
0.75000	0.264583	90.452835	0.191321

0.001401 0.458851 59.566226
1.00000 0.264583 119.694827 0.191321
0.001401 0.863800 19.132547

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195196	-118.514114	-0.341769
-4.06E-05	-0.854772	-74.070076	
0.25000	-0.195196	-89.264663	-0.341769
-4.06E-05	-0.433234	-29.890650	
0.50000	-0.195196	-55.945100	-0.341769
-4.06E-05	-0.045156	-29.890411	
0.75000	-0.195196	-25.369911	-0.341769
-4.06E-05	-0.262314	-30.181092	
1.00000	-0.195196	-12.576461	-0.341769
-4.06E-05	-0.499380	-75.136534	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255764	10.502207	0.206306
0.001378	0.501937	24.217113	
0.25000	0.255764	19.641702	0.206306
0.001378	0.260756	50.871344	
0.50000	0.255764	41.371133	0.206306
0.001378	0.080832	65.503405	
0.75000	0.255764	65.029707	0.206306
0.001378	0.548210	48.057071	
1.00000	0.255764	85.792991	0.206306
0.001378	1.553886	61.829494	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.263800	-84.261310	-0.407618
-0.000296	-0.999806	-55.862505	
0.25000	-0.263800	-63.492730	-0.407618
-0.000296	-0.495844	-24.498154	
0.50000	-0.263800	-39.834166	-0.407618
-0.000296	-0.042968	-24.602920	
0.75000	-0.263800	-18.124245	-0.407618
-0.000296	-0.281544	-24.864428	
1.00000	-0.263800	-9.040253	-0.407618
-0.000296	-0.536953	-56.840265	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277551	9.019496	0.236865
0.001148	0.575517	23.347026	
0.25000	0.277551	16.605423	0.236865
0.001148	0.293723	45.148149	
0.50000	0.277551	34.641196	0.236865
0.001148	0.076975	56.978596	
0.75000	0.277551	54.278189	0.236865
0.001148	0.607018	42.227724	
1.00000	0.277551	71.512045	0.236865
0.001148	1.158573	17.714893	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320042	-69.965168	-0.453618
-0.000618	-1.107978	-48.024419	
0.25000	-0.320042	-52.726816	-0.453618
-0.000618	-0.546326	-21.991590	
0.50000	-0.320042	-33.089931	-0.453618
-0.000618	-0.040821	-22.078630	
0.75000	-0.320042	-15.070351	-0.453618
-0.000618	-0.319513	-22.295834	
1.00000	-0.320042	-7.530493	-0.453618
-0.000618	-0.613050	-48.836432	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.032871	9.360582	0.067191
0.000232	0.159823	13.710960	
0.25000	0.032871	18.383651	0.067191
0.000232	0.091313	40.961731	
0.50000	0.032871	39.836273	0.067191
0.000232	0.050110	56.279378	
0.75000	0.032871	63.193464	0.067191
0.000232	0.148093	39.954014	
1.00000	0.032871	83.692248	0.067191
0.000232	0.257512	11.925598	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.165880	-83.148836	-0.099179
-0.000140	-0.249824	-50.856932	
0.25000	-0.165880	-62.644824	-0.099179
-0.000140	-0.128835	-19.785912	
0.50000	-0.165880	-39.287643	-0.099179
-0.000140	-0.028674	-19.783099	
0.75000	-0.165880	-17.854281	-0.099179
-0.000140	-0.105725	-19.935135	
1.00000	-0.165880	-8.886009	-0.099179
-0.000140	-0.188724	-51.397119	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080395	9.417224	0.119379
0.000270	0.281525	18.465556	
0.25000	0.080395	18.027948	0.119379
0.000270	0.147132	43.990641	
0.50000	0.080395	38.500208	0.119379
0.000270	0.064590	58.162798	
0.75000	0.080395	60.790001	0.119379
0.000270	0.331464	42.099068	
1.00000	0.080395	80.352012	0.119379
0.000270	0.610846	14.911477	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.258168	-79.355285	-0.235754
-0.000499	-0.572925	-51.000906	
0.25000	-0.258168	-59.788285	-0.235754
-0.000499	-0.282643	-21.372283	
0.50000	-0.258168	-37.498502	-0.235754
-0.000499	-0.035374	-21.391522	
0.75000	-0.258168	-17.044622	-0.235754
-0.000499	-0.176138	-21.558998	
1.00000	-0.258168	-8.486190	-0.235754
-0.000499	-0.325814	-51.605539	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.187630	7.196347	0.188742
0.001055	0.455431	21.147364	
0.25000	0.187630	12.792105	0.188742
0.001055	0.230798	36.753863	
0.50000	0.187630	26.096191	0.188742
0.001055	0.067274	45.031685	
0.75000	0.187630	40.581417	0.188742
0.001055	0.489421	34.010683	
1.00000	0.187630	53.293969	0.188742
0.001055	0.928387	15.918231	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.286862	-51.835887	-0.360709
-0.000454	-0.873466	-36.728888	
0.25000	-0.286862	-39.120093	-0.360709
-0.000454	-0.427386	-17.560537	
0.50000	-0.286862	-24.634873	-0.360709
-0.000454	-0.034364	-17.658336	
0.75000	-0.286862	-11.342732	-0.360709
-0.000454	-0.258489	-17.852420	
1.00000	-0.286862	-5.780956	-0.360709
-0.000454	-0.491764	-37.463843	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.212499	6.277771	0.233309
0.000880	0.563857	20.659140	
0.25000	0.212499	10.971222	0.233309
0.000880	0.282138	33.475912	
0.50000	0.212499	22.130046	0.233309
0.000880	0.065668	40.149990	
0.75000	0.212499	34.279553	0.233309
0.000880	0.554279	30.633862	
1.00000	0.212499	44.942226	0.233309
0.000880	1.058722	15.188419	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.365248	-43.475573	-0.412324
-0.000778	-0.998224	-32.450187	
0.25000	-0.365248	-32.810180	-0.412324
-0.000778	-0.487096	-16.364310	
0.50000	-0.365248	-20.660678	-0.412324
-0.000778	-0.034345	-16.438306	
0.75000	-0.365248	-9.511874	-0.412324
-0.000778	-0.314787	-16.593089	
1.00000	-0.365248	-4.846925	-0.412324
-0.000778	-0.603579	-33.034204	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094708	0.393935	0.125694
3.22E-07	0.304999	4.477093	
0.25000	0.094708	0.402021	0.125694
3.22E-07	0.148635	4.080518	
0.50000	0.094708	0.421243	0.125694
3.22E-07	0.014286	3.676908	
0.75000	0.094708	0.442173	0.125694
3.22E-07	0.218128	3.254993	
1.00000	0.094708	0.460541	0.125694
3.22E-07	0.426736	2.808849	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222852	-0.095006	-0.167216
-0.000641	-0.403770	-2.633917	
0.25000	-0.222852	-0.076633	-0.167216
-0.000641	-0.195349	-2.590164	
0.50000	-0.222852	-0.055704	-0.167216
-0.000641	-0.008683	-2.574306	
0.75000	-0.222852	-0.036498	-0.167216
-0.000641	-0.163501	-2.558560	
1.00000	-0.222852	-0.028462	-0.167216
-0.000641	-0.319879	-2.570868	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176792	1.075647	0.192390
2.47E-06	0.465674	8.950961	
0.25000	0.176792	1.342458	0.192390
2.47E-06	0.226912	8.914716	
0.50000	0.176792	1.917809	0.192390
2.47E-06	0.027990	8.565510	
0.75000	0.176792	2.667479	0.192390
2.47E-06	0.399906	7.360014	
1.00000	0.176792	3.273626	0.192390
2.47E-06	0.778679	5.841128	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.324345	-2.543079	-0.304598
-0.001054	-0.734530	-6.095913	
0.25000	-0.324345	-1.936778	-0.304598
-0.001054	-0.355622	-5.188744	
0.50000	-0.324345	-1.246108	-0.304598
-0.001054	-0.015915	-5.182335	
0.75000	-0.324345	-0.612326	-0.304598
-0.001054	-0.252050	-5.180466	
1.00000	-0.324345	-0.347135	-0.304598
-0.001054	-0.491348	-6.104471	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157880	1.365240	0.204033
0.000198	0.489835	13.507894	
0.25000	0.157880	1.372517	0.204033
0.000198	0.235612	12.191097	
0.50000	0.157880	1.389818	0.204033
0.000198	0.040881	10.922604	
0.75000	0.157880	1.408654	0.204033
0.000198	0.462500	9.875563	
1.00000	0.157880	1.425185	0.204033
0.000198	0.894030	8.955839	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399926	-0.291468	-0.346742
-0.001118	-0.828097	-6.417152	
0.25000	-0.399926	-0.274933	-0.346742
-0.001118	-0.396799	-6.423781	
0.50000	-0.399926	-0.256096	-0.346742
-0.001118	-0.021179	-6.454344	
0.75000	-0.399926	-0.238811	-0.346742
-0.001118	-0.271573	-6.485439	
1.00000	-0.399926	-0.231579	-0.346742
-0.001118	-0.524909	-6.541373	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.195391	6.599385	0.241621
0.000637	0.582543	20.330017	
0.25000	0.195391	11.693053	0.241621
0.000637	0.290178	34.439190	
0.50000	0.195391	23.803404	0.241621
0.000637	0.065604	41.866288	
0.75000	0.195391	36.988915	0.241621
0.000637	0.533413	31.714072	
1.00000	0.195391	48.560809	0.241621
0.000637	1.017396	15.089032	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429005	-47.179559	-0.395591
-0.000981	-0.956228	-34.501113	
0.25000	-0.429005	-35.604714	-0.395591
-0.000981	-0.465921	-17.091059	
0.50000	-0.429005	-22.419208	-0.395591
-0.000981	-0.035282	-17.245159	
0.75000	-0.429005	-10.319730	-0.395591
-0.000981	-0.327396	-17.384766	
1.00000	-0.429005	-5.256996	-0.395591
-0.000981	-0.627083	-35.198891	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154961	11.870211	0.161529
0.001493	0.391990	23.928373	
0.25000	0.154961	34.131932	0.161529
0.001493	0.204352	80.439471	
0.50000	0.154961	63.400850	0.161529
0.001493	0.074651	102.066886	
0.75000	0.154961	90.910875	0.161529
0.001493	0.335979	78.096785	
1.00000	0.154961	120.078786	0.161529
0.001493	0.633027	20.372387	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276264	-118.921634	-0.244822
-0.001190	-0.601800	-81.565914	
0.25000	-0.276264	-89.819206	-0.244822
-0.001190	-0.298457	-31.347485	
0.50000	-0.276264	-62.300334	-0.244822
-0.001190	-0.051577	-31.037631	
0.75000	-0.276264	-33.037500	-0.244822
-0.001190	-0.213777	-31.745934	
1.00000	-0.276264	-10.872969	-0.244822
-0.001190	-0.414684	-82.581926	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277551	13.658974	0.241621
0.001401	0.582543	24.217113	
0.25000	0.277551	26.530592	0.241621
0.001401	0.293723	61.701429	
0.50000	0.277551	57.133258	0.241621
0.001401	0.081229	83.288660	
0.75000	0.277551	90.452835	0.241621
0.001401	0.607018	59.566226	
1.00000	0.277551	119.694827	0.241621
0.001401	1.158573	19.132547	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429005	-118.514114	-0.453618
-0.001118	-1.107978	-74.070076	
0.25000	-0.429005	-89.264663	-0.453618
-0.001118	-0.546326	-29.820650	
0.50000	-0.429005	-55.945100	-0.453618
-0.001118	-0.045156	-29.890411	
0.75000	-0.429005	-25.369911	-0.453618
-0.001118	-0.327396	-30.181092	
1.00000	-0.429005	-12.576461	-0.453618
-0.001118	-0.627083	-75.136534	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277551	13.658974	0.241621
0.001493	0.582543	24.217113	
0.25000	0.277551	34.131932	0.241621
0.001493	0.293723	80.439471	
0.50000	0.277551	63.400850	0.241621
0.001493	0.081229	102.066886	
0.75000	0.277551	90.910875	0.241621
0.001493	0.607018	78.096785	
1.00000	0.277551	120.078786	0.241621
0.001493	1.158573	20.372387	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429005	-118.921634	-0.453618
-0.001190	-1.107978	-81.565914	
0.25000	-0.429005	-89.819206	-0.453618
-0.001190	-0.546326	-31.347485	
0.50000	-0.429005	-62.300334	-0.453618
-0.001190	-0.051577	-31.037631	
0.75000	-0.429005	-33.037500	-0.453618
-0.001190	-0.327396	-31.745934	
1.00000	-0.429005	-12.576461	-0.453618
-0.001190	-0.627083	-82.581926	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277551	13.658974	0.241621
0.001493	0.582543	24.217113	
0.25000	0.277551	34.131932	0.241621
0.001493	0.293723	80.439471	
0.50000	0.277551	63.400850	0.241621
0.001493	0.081229	102.066886	
0.75000	0.277551	90.910875	0.241621
0.001493	0.607018	78.096785	
1.00000	0.277551	120.078786	0.241621
0.001493	1.158573	20.372387	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.429005	-118.921634	-0.453618
-0.001190	-1.107978	-81.565914	
0.25000	-0.429005	-89.819206	-0.453618
-0.001190	-0.546326	-31.347485	
0.50000	-0.429005	-62.300334	-0.453618
-0.001190	-0.051577	-31.037631	
0.75000	-0.429005	-33.037500	-0.453618
-0.001190	-0.327396	-31.745934	
1.00000	-0.429005	-12.576461	-0.453618
-0.001190	-0.627083	-82.581926	

ELEM 398 ========== LENGTH = 4.972683

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079028	0.726980	0.087408
0.001257	0.218023	4.692122	
0.25000	0.079028	0.750929	0.087408
0.001257	0.109396	4.047516	
0.50000	0.079028	0.782390	0.087408
0.001257	0.011421	3.449750	
0.75000	0.079028	0.811914	0.087408
0.001257	0.158275	2.989521	
1.00000	0.079028	0.843493	0.087408
0.001257	0.313989	2.650878	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061470	-0.191134	-0.125341
-5.53E-06	-0.309514	-2.625057	
0.25000	-0.061470	-0.159946	-0.125341
-5.53E-06	-0.153776	-2.691447	
0.50000	-0.061470	-0.130370	-0.125341
-5.53E-06	-0.008149	-2.811040	
0.75000	-0.061470	-0.098974	-0.125341
-5.53E-06	-0.108029	-2.931319	
1.00000	-0.061470	-0.075302	-0.125341
-5.53E-06	-0.216696	-3.106201	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124376	11.460607	0.140640
0.001609	0.327612	20.427748	
0.25000	0.124376	33.781538	0.140640
0.001609	0.183375	76.931506	
0.50000	0.124376	63.103128	0.140640
0.001609	0.063893	98.416742	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.124376	90.619293	0.140640
0.001609	0.278763	71.678362	
1.00000	0.124376	120.050663	0.140640
0.001609	0.523158	17.010202	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.120284	-118.811787	-0.214270
-5.80E-05	-0.553597	-82.557037	
0.25000	-0.120284	-89.743685	-0.214270
-5.80E-05	-0.287334	-32.392593	
0.50000	-0.120284	-62.178856	-0.214270
-5.80E-05	-0.054298	-31.797082	
0.75000	-0.120284	-32.917783	-0.214270
-5.80E-05	-0.198345	-31.838806	
1.00000	-0.120284	-10.855472	-0.214270
-5.80E-05	-0.373155	-82.758618	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124286	8.599525	0.152097
0.001395	0.355642	19.332513	
0.25000	0.124286	23.795481	0.152097
0.001395	0.187181	56.979349	
0.50000	0.124286	43.757444	0.152097
0.001395	0.056795	70.933909	
0.75000	0.124286	62.490284	0.152097
0.001395	0.342772	52.302895	
1.00000	0.124286	82.526983	0.152097
0.001395	0.658508	14.845323	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.160802	-80.991833	-0.266147
-0.000428	-0.672780	-58.962656	
0.25000	-0.160802	-61.201694	-0.266147
-0.000428	-0.342039	-24.912216	
0.50000	-0.160802	-42.435724	-0.266147
-0.000428	-0.046426	-24.607918	
0.75000	-0.160802	-22.514961	-0.266147
-0.000428	-0.212409	-24.513403	
1.00000	-0.160802	-7.495072	-0.266147
-0.000428	-0.401546	-59.504356	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.134646	7.411868	0.172358
0.001162	0.409344	17.721320	
0.25000	0.134646	20.021278	0.172358
0.001162	0.212185	48.644230	
0.50000	0.134646	36.585460	0.172358
0.001162	0.051657	59.967141	
0.75000	0.134646	52.113731	0.172358
0.001162	0.362210	44.313768	
1.00000	0.134646	68.755928	0.172358
0.001162	0.699281	13.109781	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.184338	-67.239211	-0.281266
-0.000815	-0.705991	-50.250037	
0.25000	-0.184338	-50.818229	-0.281266
-0.000815	-0.356467	-22.003131	
0.50000	-0.184338	-35.246466	-0.281266
-0.000815	-0.043232	-21.758429	
0.75000	-0.184338	-18.716472	-0.281266
-0.000815	-0.234099	-21.873874	
1.00000	-0.184338	-6.253160	-0.281266
-0.000815	-0.448408	-50.731409	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034240	9.217906	0.052230
0.000197	0.107007	14.427733	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.034240	27.898514	0.052230
0.000197	0.067502	62.119952	
0.50000	0.034240	52.338442	0.052230
0.000197	0.048867	80.487360	
0.75000	0.034240	75.466593	0.052230
0.000197	0.128451	58.387081	
1.00000	0.034240	100.097996	0.052230
0.000197	0.229453	12.834211	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060157	-99.464968	-0.096010
-0.000198	-0.257201	-67.532935	
0.25000	-0.060157	-75.137586	-0.096010
-0.000198	-0.137811	-25.486648	
0.50000	-0.060157	-52.068309	-0.096010
-0.000198	-0.040750	-24.884979	
0.75000	-0.060157	-27.579428	-0.096010
-0.000198	-0.088837	-24.836937	
1.00000	-0.060157	-9.115262	-0.096010
-0.000198	-0.153789	-67.369353	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.050367	9.054073	0.089390
9.39E-05	0.195588	16.798018	
0.25000	0.050367	26.441408	0.089390
9.39E-05	0.108092	60.635920	
0.50000	0.050367	49.282046	0.089390
9.39E-05	0.052421	77.261938	
0.75000	0.050367	70.716312	0.089390
9.39E-05	0.233498	56.396677	
1.00000	0.050367	93.642464	0.089390
9.39E-05	0.438013	13.866615	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.133399	-92.591261	-0.178359
-0.000691	-0.457710	-64.851869	
0.25000	-0.133399	-69.948083	-0.178359
-0.000691	-0.236038	-25.745695	

0.50000 -0.133399 -48.475909 -0.178359
-0.000691 -0.044737 -25.252245
0.75000 -0.133399 -25.682412 -0.178359
-0.000691 -0.138627 -25.255136
1.00000 -0.133399 -8.496535 -0.178359
-0.000691 -0.249788 -64.890495

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117271	7.360746	0.136010
0.000989	0.318097	17.709643	
0.25000	0.117271	19.668393	0.136010
0.000989	0.165686	47.810539	
0.50000	0.117271	35.836167	0.136010
0.000989	0.050708	58.884516	
0.75000	0.117271	51.008439	0.136010
0.000989	0.322363	43.703765	
1.00000	0.117271	67.236744	0.136010
0.000989	0.621230	13.396123	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.163861	-65.760402	-0.250274
-0.000627	-0.629702	-48.685093	
0.25000	-0.163861	-49.732400	-0.250274
-0.000627	-0.318692	-21.127701	
0.50000	-0.163861	-34.533296	-0.250274
-0.000627	-0.040924	-20.902398	
0.75000	-0.163861	-18.398891	-0.250274
-0.000627	-0.189686	-21.028429	
1.00000	-0.163861	-6.233846	-0.250274
-0.000627	-0.358849	-49.208352	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137215	6.364826	0.163285
0.000824	0.388585	16.143111	
0.25000	0.137215	16.675855	0.163285
0.000824	0.199536	41.142465	
0.50000	0.137215	30.219017	0.163285
0.000824	0.046198	50.211255	
0.75000	0.137215	42.929005	0.163285
0.000824	0.340815	37.297052	
1.00000	0.137215	56.523645	0.163285
0.000824	0.659344	11.711654	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181076	-55.100333	-0.264540
-0.000979	-0.661562	-42.034173	
0.25000	-0.181076	-41.673489	-0.264540
-0.000979	-0.332836	-18.943466	
0.50000	-0.181076	-28.941023	-0.264540
-0.000979	-0.038815	-18.749148	
0.75000	-0.181076	-15.425044	-0.264540
-0.000979	-0.260501	-18.949776	
1.00000	-0.181076	-5.234245	-0.264540
-0.000979	-0.423896	-42.451844	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069600	0.323811	0.079474
5.68E-07	0.196723	2.010627	
0.25000	0.069600	0.347761	0.079474
5.68E-07	0.097948	1.726788	
0.50000	0.069600	0.379222	0.079474
5.68E-07	0.005620	1.426445	
0.75000	0.069600	0.408745	0.079474
5.68E-07	0.105338	1.106369	
1.00000	0.069600	0.440324	0.079474
5.68E-07	0.206794	0.792608	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073535	-0.164358	-0.082465
-0.000708	-0.203295	-2.010542	
0.25000	-0.073535	-0.133169	-0.082465
-0.000708	-0.100775	-1.940815	
0.50000	-0.073535	-0.103593	-0.082465
-0.000708	-0.007156	-1.924407	
0.75000	-0.073535	-0.072197	-0.082465
-0.000708	-0.099661	-1.910052	
1.00000	-0.073535	-0.048525	-0.082465
-0.000708	-0.198475	-1.950409	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098321	1.037534	0.126302
4.30E-06	0.311866	4.760146	
0.25000	0.098321	1.756019	0.126302
4.30E-06	0.153524	5.814977	
0.50000	0.098321	2.699847	0.126302
4.30E-06	0.013250	5.863189	
0.75000	0.098321	3.585561	0.126302
4.30E-06	0.200531	4.505219	
1.00000	0.098321	4.532922	0.126302
4.30E-06	0.393116	2.457437	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136185	-3.926148	-0.155607
-0.001227	-0.361299	-6.039567	
0.25000	-0.136185	-2.990480	-0.155607
-0.001227	-0.187944	-4.426794	
0.50000	-0.136185	-2.103200	-0.155607
-0.001227	-0.013977	-4.409833	
0.75000	-0.136185	-1.161320	-0.155607
-0.001227	-0.159182	-4.414837	
1.00000	-0.136185	-0.451160	-0.155607
-0.001227	-0.316224	-6.057806	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102914	1.745256	0.140836
6.54E-06	0.339305	8.507163	
0.25000	0.102914	2.887647	0.140836
6.54E-06	0.165721	10.180549	
0.50000	0.102914	4.388334	0.140836
6.54E-06	0.022377	10.272509	
0.75000	0.102914	5.796618	0.140836
6.54E-06	0.274032	8.201825	
1.00000	0.102914	7.302923	0.140836
6.54E-06	0.538036	4.960273	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169040	-6.273156	-0.213452
-0.001354	-0.524259	-8.993341	
0.25000	-0.169040	-4.785443	-0.213452
-0.001354	-0.258997	-6.493496	
0.50000	-0.169040	-3.374668	-0.213452
-0.001354	-0.019665	-6.530784	
0.75000	-0.169040	-1.877079	-0.213452
-0.001354	-0.185830	-6.602001	
1.00000	-0.169040	-0.747924	-0.213452
-0.001354	-0.360979	-9.277419	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137950	7.123153	0.163284
0.000558	0.386466	16.486622	
0.25000	0.137950	19.301472	0.163284
0.000558	0.220028	46.421485	
0.50000	0.137950	35.299357	0.163284
0.000558	0.048415	57.443617	
0.75000	0.137950	50.312200	0.163284
0.000558	0.328519	42.386676	
1.00000	0.137950	66.369981	0.163284
0.000558	0.632069	12.276194	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.184210	-65.034322	-0.253950
-0.001123	-0.637080	-48.422508	
0.25000	-0.184210	-49.174741	-0.253950
-0.001123	-0.321487	-21.083904	
0.50000	-0.184210	-34.135346	-0.253950
-0.001123	-0.041883	-20.790237	
0.75000	-0.184210	-18.170480	-0.253950
-0.001123	-0.223101	-20.845311	
1.00000	-0.184210	-6.133264	-0.253950
-0.001123	-0.426110	-48.659861	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.142019	0.886228	0.113915
0.001321	0.279095	4.763984	
0.25000	0.142019	0.894582	0.113915
0.001321	0.138359	4.037334	
0.50000	0.142019	0.913839	0.113915
0.001321	0.011989	3.428925	
0.75000	0.142019	0.934775	0.113915
0.001321	0.315973	2.961502	
1.00000	0.142019	0.953084	0.113915
0.001321	0.627276	2.629269	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102553	-0.164410	-0.250569
-4.96E-06	-0.619552	-3.333642	
0.25000	-0.102553	-0.146005	-0.250569
-4.96E-06	-0.308747	-3.475978	
0.50000	-0.102553	-0.125050	-0.250569
-4.96E-06	-0.010707	-3.746587	
0.75000	-0.102553	-0.105228	-0.250569
-4.96E-06	-0.145045	-4.189060	
1.00000	-0.102553	-0.097900	-0.250569
-4.96E-06	-0.286532	-4.784819	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.219081	13.367867	0.202496
0.001643	0.483847	19.159708	
0.25000	0.219081	26.666890	0.202496
0.001643	0.256416	57.550041	
0.50000	0.219081	57.325422	0.202496
0.001643	0.066348	78.637737	
0.75000	0.219081	90.654127	0.202496
0.001643	0.481051	54.554745	
1.00000	0.219081	119.802185	0.202496
0.001643	0.916679	14.553539	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.189649	-118.149202	-0.368627
-4.59E-05	-0.930466	-75.076576	
0.25000	-0.189649	-88.847882	-0.368627
-4.59E-05	-0.474776	-31.188483	
0.50000	-0.189649	-55.487425	-0.368627
-4.59E-05	-0.049172	-31.080462	
0.75000	-0.189649	-24.924694	-0.368627
-4.59E-05	-0.352538	-31.396377	
1.00000	-0.189649	-12.264825	-0.368627
-4.59E-05	-0.536217	-77.222737	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.219192	10.387017	0.236305
0.001440	0.561143	18.891870	
0.25000	0.219192	19.829992	0.236305
0.001440	0.285126	45.350595	
0.50000	0.219192	41.599090	0.236305
0.001440	0.061073	59.625203	
0.75000	0.219192	65.264146	0.236305
0.001440	0.595993	42.039167	
1.00000	0.219192	85.960732	0.236305
0.001440	1.150621	13.343642	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.244066	-83.991280	-0.459083
-0.000350	-1.140868	-56.809444	
0.25000	-0.244066	-63.185870	-0.459083
-0.000350	-0.571929	-25.777416	
0.50000	-0.244066	-39.498279	-0.459083
-0.000350	-0.046842	-25.883205	
0.75000	-0.244066	-17.797195	-0.459083
-0.000350	-0.329685	-26.459472	
1.00000	-0.244066	-8.808052	-0.459083
-0.000350	-0.622976	-59.521966	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231411	8.940140	0.273421
0.001200	0.653004	17.798396	
0.25000	0.231411	16.777960	0.273421
0.001200	0.327720	39.498279	
0.50000	0.231411	34.846658	0.273421
0.001200	0.056318	50.953527	
0.75000	0.231411	54.489031	0.273421
0.001200	0.664867	36.102477	
1.00000	0.231411	71.667527	0.273421
0.001200	1.291666	12.108914	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.287026	-69.748286	-0.514536
-0.000749	-1.273339	-48.830255	
0.25000	-0.287026	-52.479462	-0.514536
-0.000749	-0.635024	-23.079766	
0.50000	-0.287026	-32.818379	-0.514536
-0.000749	-0.044903	-23.175102	
0.75000	-0.287026	-14.806141	-0.514536
-0.000749	-0.374372	-23.683956	
1.00000	-0.287026	-7.345009	-0.514536
-0.000749	-0.714153	-51.234007	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069325	9.126211	0.083423
0.000187	0.192313	11.956613	
0.25000	0.069325	18.450893	0.083423
0.000187	0.105185	39.075872	
0.50000	0.069325	39.942677	0.083423
0.000187	0.042574	54.010176	
0.75000	0.069325	63.306267	0.083423
0.000187	0.164383	37.363288	
1.00000	0.069325	83.739203	0.083423
0.000187	0.297354	9.530297	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097448	-82.893117	-0.119545
-0.000159	-0.306501	-51.384034	
0.25000	-0.097448	-62.352744	-0.119545
-0.000159	-0.159392	-20.538441	
0.50000	-0.097448	-38.966897	-0.119545
-0.000159	-0.030770	-20.327177	
0.75000	-0.097448	-17.542268	-0.119545
-0.000159	-0.129020	-20.352549	
1.00000	-0.097448	-8.667637	-0.119545
-0.000159	-0.232817	-52.243081	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096413	9.246871	0.155505
8.00E-05	0.362637	14.985370	
0.25000	0.096413	18.143516	0.155505
8.00E-05	0.185392	59.504354	
0.50000	0.096413	38.653150	0.155505
8.00E-05	0.050640	54.137510	
0.75000	0.096413	60.949049	0.155505
8.00E-05	0.375677	37.824024	
1.00000	0.096413	80.448221	0.155505
8.00E-05	0.713971	10.976210	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185392	-79.106254	-0.284052
-0.000600	-0.705731	-51.613914	
0.25000	-0.185392	-59.504354	-0.284052
-0.000600	-0.354002	-22.238123	
0.50000	-0.185392	-37.187414	-0.284052
-0.000600	-0.038300	-22.105885	
0.75000	-0.185392	-16.741868	-0.284052
-0.000600	-0.227748	-22.293954	
1.00000	-0.185392	-8.272798	-0.284052
-0.000600	-0.420605	-53.035583	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194502	7.200580	0.227213
0.000993	0.540045	15.999662	
0.25000	0.194502	12.982147	0.227213
0.000993	0.268167	31.442230	
0.50000	0.194502	26.310520	0.227213
0.000993	0.048121	39.496506	
0.75000	0.194502	40.799714	0.227213
0.000993	0.441786	28.470923	
1.00000	0.194502	53.471429	0.227213
0.000993	1.056990	10.860884	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.240903	-51.661887	-0.419987
-0.000545	-1.035630	-37.461525	
0.25000	-0.240903	-38.923543	-0.419987
-0.000545	-0.514465	-18.723101	
0.50000	-0.240903	-24.420546	-0.419987
-0.000545	-0.038178	-19.133819	
0.75000	-0.240903	-11.133821	-0.419987
-0.000545	-0.313173	-19.687006	
1.00000	-0.240903	-5.630118	-0.419987
-0.000545	-0.595138	-40.240347	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222237	6.287053	0.278073
0.000828	0.665371	15.283139	
0.25000	0.222237	11.136351	0.278073
0.000828	0.328400	27.964064	
0.50000	0.222237	22.315546	0.278073
0.000828	0.045565	34.448148	
0.75000	0.222237	34.468381	0.278073
0.000828	0.618946	24.936362	
1.00000	0.222237	45.096803	0.278073
0.000828	1.207486	9.960253	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.293547	-43.342512	-0.479403
-0.000931	-1.179209	-33.054879	
0.25000	-0.293547	-32.658305	-0.479403
-0.000931	-0.583749	-17.326463	
0.50000	-0.293547	-20.493893	-0.479403
-0.000931	-0.037894	-17.658278	
0.75000	-0.293547	-9.349630	-0.479403
-0.000931	-0.376367	-18.119312	
1.00000	-0.293547	-4.333390	-0.479403
-0.000931	-0.721796	-35.415157	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.108272	0.399785	0.145912
3.54E-07	0.354665	2.867589	
0.25000	0.108272	0.408139	0.145912
3.54E-07	0.173214	2.471595	
0.50000	0.108272	0.427397	0.145912
3.54E-07	0.007964	2.072137	
0.75000	0.108272	0.448332	0.145912
3.54E-07	0.244078	1.666226	
1.00000	0.108272	0.466641	0.145912
3.54E-07	0.482354	1.333095	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153779	-0.115038	-0.191438
-0.000744	-0.468355	-2.607893	
0.25000	-0.153779	-0.096632	-0.191438
-0.000744	-0.229833	-2.557417	
0.50000	-0.153779	-0.075677	-0.191438
-0.000744	-0.009345	-2.535796	
0.75000	-0.153779	-0.056480	-0.191438
-0.000744	-0.189036	-2.523021	
1.00000	-0.153779	-0.048527	-0.191438
-0.000744	-0.370741	-2.615156	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.155428	1.105516	0.226171
2.75E-06	0.548134	5.917518	
0.25000	0.155428	1.381187	0.226171
2.75E-06	0.267432	5.863247	
0.50000	0.155428	2.016697	0.226171
2.75E-06	0.016368	5.483023	
0.75000	0.155428	2.707555	0.226171
2.75E-06	0.448149	4.312371	
1.00000	0.155428	3.311755	0.226171
2.75E-06	0.885103	2.996692	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.244408	-2.558495	-0.350790
-0.001248	-0.857503	-6.160773	
0.25000	-0.244408	-1.951119	-0.350790
-0.001248	-0.421190	-5.254532	
0.50000	-0.244408	-1.259602	-0.350790
-0.001248	-0.017342	-5.255508	
0.75000	-0.244408	-0.626078	-0.350790
-0.001248	-0.295331	-5.327506	
1.00000	-0.244408	-0.363656	-0.350790
-0.001248	-0.576721	-6.505449	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171540	1.471674	0.253925
3.08E-06	0.608988	9.059961	
0.25000	0.171540	1.479192	0.253925
3.08E-06	0.293473	7.684059	
0.50000	0.171540	1.496524	0.253925
3.08E-06	0.023897	6.399472	
0.75000	0.171540	1.513366	0.253925
3.08E-06	0.529962	5.477212	
1.00000	0.171540	1.531844	0.253925
3.08E-06	1.043326	4.895134	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.290467	-0.297147	-0.412204
-0.001306	-1.003321	-6.605799	
0.25000	-0.290467	-0.280582	-0.412204
-0.001306	-0.490622	-6.683641	
0.50000	-0.290467	-0.261723	-0.412204
-0.001306	-0.023285	-6.828279	
0.75000	-0.290467	-0.244445	-0.412204
-0.001306	-0.338195	-7.158260	
1.00000	-0.290467	-0.237288	-0.412204
-0.001306	-0.654194	-7.798054	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.225874	6.575636	0.290340
0.000542	0.695481	15.188836	
0.25000	0.225874	11.838440	0.290340
0.000542	0.344002	29.169402	
0.50000	0.225874	23.970899	0.290340
0.000542	0.045826	36.384028	
0.75000	0.225874	37.160023	0.290340
0.000542	0.598348	26.187025	
1.00000	0.225874	48.694744	0.290340
0.000542	1.165256	9.997885	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.313751	-47.038982	-0.462487
-0.001084	-1.137435	-35.236872	
0.25000	-0.313751	-35.443617	-0.462487
-0.001084	-0.563150	-17.964122	
0.50000	-0.313751	-22.241922	-0.462487
-0.001084	-0.038547	-18.085041	
0.75000	-0.313751	-10.147374	-0.462487
-0.001084	-0.392532	-18.401777	
1.00000	-0.313751	-5.137501	-0.462487
-0.001084	-0.753598	-36.991607	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137950	11.460607	0.172358
0.001609	0.409344	20.427748	
0.25000	0.137950	33.781538	0.172358
0.001609	0.212185	76.931506	
0.50000	0.137950	63.103128	0.172358
0.001609	0.063893	98.416742	
0.75000	0.137950	90.619293	0.172358
0.001609	0.362210	71.678362	
1.00000	0.137950	120.050663	0.172358
0.001609	0.699281	17.010202	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.184338	-118.811787	-0.281266
-0.001354	-0.705991	-82.557037	
0.25000	-0.184338	-89.743685	-0.281266
-0.001354	-0.356467	-32.392593	
0.50000	-0.184338	-62.178856	-0.281266
-0.001354	-0.054298	-31.797082	
0.75000	-0.184338	-32.917783	-0.281266
-0.001354	-0.234099	-31.838806	
1.00000	-0.184338	-10.855472	-0.281266
-0.001354	-0.448408	-82.758618	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231411	13.367867	0.290340
0.001643	0.695481	19.159708	
0.25000	0.231411	26.666890	0.290340
0.001643	0.344002	57.550041	
0.50000	0.231411	57.325422	0.290340
0.001643	0.066348	78.637737	
0.75000	0.231411	90.654127	0.290340
0.001643	0.664867	54.554745	
1.00000	0.231411	119.802185	0.290340
0.001643	1.291666	14.553539	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.313751	-118.149202	-0.514536
-0.001306	-1.273399	-75.076576	
0.25000	-0.313751	-88.847882	-0.514536
-0.001306	-0.635024	-31.188483	
0.50000	-0.313751	-55.487425	-0.514536
-0.001306	-0.049172	-31.080462	
0.75000	-0.313751	-24.924694	-0.514536
-0.001306	-0.392532	-31.396377	
1.00000	-0.313751	-12.264825	-0.514536
-0.001306	-0.753598	-77.222737	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231411	13.367867	0.290340
0.001643	0.695481	20.427748	
0.25000	0.231411	33.781538	0.290340
0.001643	0.344002	76.931506	
0.50000	0.231411	63.103128	0.290340
0.001643	0.066348	98.416742	
0.75000	0.231411	90.654127	0.290340
0.001643	0.664867	71.678362	
1.00000	0.231411	120.050663	0.290340
0.001643	1.291666	17.010202	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.313751	-118.811787	-0.514536
-0.001354	-1.273399	-82.557037	
0.25000	-0.313751	-89.743685	-0.514536
-0.001354	-0.635024	-32.392593	
0.50000	-0.313751	-62.178856	-0.514536
-0.001354	-0.054298	-31.797082	
0.75000	-0.313751	-32.917783	-0.514536
-0.001354	-0.392532	-31.838806	
1.00000	-0.313751	-12.264825	-0.514536
-0.001354	-0.753598	-82.758618	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231411	13.367867	0.290340
0.001643	0.695481	20.427748	
0.25000	0.231411	33.781538	0.290340
0.001643	0.344002	76.931506	
0.50000	0.231411	63.103128	0.290340
0.001643	0.066348	98.416742	
0.75000	0.231411	90.654127	0.290340
0.001643	0.664867	71.678362	
1.00000	0.231411	120.050663	0.290340
0.001643	1.291666	17.010202	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.313751	-118.811787	-0.514536
-0.001354	-1.273399	-82.557037	
0.25000	-0.313751	-89.743685	-0.514536
-0.001354	-0.635024	-32.392593	
0.50000	-0.313751	-62.178856	-0.514536
-0.001354	-0.054298	-31.797082	
0.75000	-0.313751	-32.917783	-0.514536
-0.001354	-0.392532	-31.838806	
1.00000	-0.313751	-12.264825	-0.514536
-0.001354	-0.753598	-82.758618	

FRAME ELEMENT INTERNAL FORCES

ELEM 399 ========== LENGTH = 4.972600

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105252	0.767863	0.082854
0.001239	0.209185	2.663675	
0.25000	0.105252	0.792674	0.082854
0.001239	0.106186	1.958532	
0.50000	0.105252	0.824909	0.082854
0.001239	0.003625	1.292613	
0.75000	0.105252	0.852171	0.082854
0.001239	0.139398	0.880509	
1.00000	0.105252	0.888124	0.082854
0.001239	0.287579	0.830629	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.149677	-0.147945	-0.119214
-8.30E-06	-0.305241	-3.113893	
0.25000	-0.149677	-0.117148	-0.119214
-8.30E-06	-0.157085	-3.151558	
0.50000	-0.149677	-0.086875	-0.119214
-8.30E-06	-0.009061	-3.235200	
0.75000	-0.149677	-0.055574	-0.119214
-8.30E-06	-0.099825	-3.320655	
1.00000	-0.149677	-0.033808	-0.119214
-8.30E-06	-0.202837	-3.467574	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311624	7.678960	0.138339
0.001542	0.348209	17.058110	
0.25000	0.311624	30.803192	0.138339
0.001542	0.190454	73.141533	
0.50000	0.311624	60.845635	0.138339
0.001542	0.045388	92.290079	
0.75000	0.311624	86.253664	0.138339
0.001542	0.312046	64.096300	
1.00000	0.311624	119.761741	0.138339
0.001542	0.463030	16.512985	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182483	-117.823837	-0.201393
-8.53E-05	-0.538453	-82.743187	
0.25000	-0.182483	-89.121354	-0.201393
-8.53E-05	-0.288148	-33.441118	
0.50000	-0.182483	-60.906767	-0.201393
-8.53E-05	-0.047122	-26.971062	
0.75000	-0.182483	-31.734613	-0.201393
-8.53E-05	-0.184586	-22.189190	
1.00000	-0.182483	-11.448996	-0.201393
-8.53E-05	-0.356535	-74.681434	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.264809	6.084540	0.165529
0.001360	0.409149	14.900829	
0.25000	0.264809	21.827378	0.165529
0.001360	0.212954	52.171454	
0.50000	0.264809	42.289093	0.165529
0.001360	0.034825	64.413638	
0.75000	0.264809	59.577726	0.165529
0.001360	0.293301	44.653990	
1.00000	0.264809	82.389824	0.165529
0.001360	0.595151	11.953607	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.177605	-80.189438	-0.252971
-0.000521	-0.662922	-59.509093	
0.25000	-0.177605	-60.848960	-0.252971
-0.000521	-0.348497	-25.966465	
0.50000	-0.177605	-41.440639	-0.252971
-0.000521	-0.040531	-21.583980	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.177605	-21.580412	-0.252971
-0.000521	-0.219579	-18.350777	
1.00000	-0.177605	-7.770086	-0.252971
-0.000521	-0.425407	-54.110441	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.247828	5.338264	0.182796
0.001133	0.453468	13.165361	
0.25000	0.247828	18.401470	0.182796
0.001133	0.234167	43.802809	
0.50000	0.247828	35.372872	0.182796
0.001133	0.029768	53.893404	
0.75000	0.247828	49.726227	0.182796
0.001133	0.314923	37.486444	
1.00000	0.247828	68.655415	0.182796
0.001133	0.639855	10.339474	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256160	-66.585892	-0.269793
-0.000889	-0.701888	-50.743655	
0.25000	-0.256160	-50.371453	-0.269793
-0.000889	-0.366564	-22.659871	
0.50000	-0.256160	-34.432633	-0.269793
-0.000889	-0.037013	-19.173194	
0.75000	-0.256160	-17.952870	-0.269793
-0.000889	-0.237683	-16.440789	
1.00000	-0.256160	-6.493238	-0.269793
-0.000889	-0.465002	-46.064569	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218186	6.030106	0.062222
8.79E-05	0.152198	12.869567	
0.25000	0.218186	25.383004	0.062222
8.79E-05	0.086758	60.246042	
0.50000	0.218186	50.525821	0.062222
8.79E-05	0.036673	76.686627	
0.75000	0.218186	71.790051	0.062222
8.79E-05	0.101474	53.393187	
1.00000	0.218186	99.833291	0.062222
8.79E-05	0.197593	13.600507	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051114	-98.684041	-0.089793
-0.000239	-0.248950	-67.354246	
0.25000	-0.051114	-74.663510	-0.089793
-0.000239	-0.137329	-26.010191	
0.50000	-0.051114	-51.050443	-0.089793
-0.000239	-0.033486	-20.512528	
0.75000	-0.051114	-26.635979	-0.089793
-0.000239	-0.093931	-16.427890	
1.00000	-0.051114	-9.658747	-0.089793
-0.000239	-0.171282	-60.276544	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184019	6.153490	0.109495
8.18E-05	0.266230	13.914087	
0.25000	0.184019	24.166572	0.109495
8.18E-05	0.141091	57.346963	
0.50000	0.184019	47.568733	0.109495
8.18E-05	0.035808	72.163566	
0.75000	0.184019	67.360824	0.109495
8.18E-05	0.197267	50.146594	
1.00000	0.184019	93.462609	0.109495
8.18E-05	0.394831	12.892008	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140279	-91.754038	-0.170528
-0.000801	-0.453272	-64.888614	

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.140279	-69.395666	-0.170528
-0.000801	-0.241290	-26.391693	
0.50000	-0.140279	-47.417351	-0.170528
-0.000801	-0.036983	-21.260544	
0.75000	-0.140279	-24.693119	-0.170528
-0.000801	-0.155092	-17.445251	
1.00000	-0.140279	-8.891233	-0.170528
-0.000801	-0.291328	-58.246406	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.276356	5.361639	0.150517
0.000952	0.370898	13.453335	
0.25000	0.276356	18.112222	0.150517
0.000952	0.191495	43.224012	
0.50000	0.276356	34.677470	0.150517
0.000952	0.030385	52.992113	
0.75000	0.276356	48.687327	0.150517
0.000952	0.278131	36.983424	
1.00000	0.276356	67.163508	0.150517
0.000952	0.565324	10.398365	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197037	-65.114048	-0.239239
-0.000727	-0.624517	-49.219860	
0.25000	-0.197037	-49.287647	-0.239239
-0.000727	-0.327116	-22.024432	
0.50000	-0.197037	-33.730269	-0.239239
-0.000727	-0.035295	-18.448173	
0.75000	-0.197037	-17.644893	-0.239239
-0.000727	-0.199564	-15.803007	
1.00000	-0.197037	-6.459509	-0.239239
-0.000727	-0.386819	-44.739950	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270603	4.656592	0.174889
0.000793	0.433020	11.767792	
0.25000	0.270603	15.337903	0.174889
0.000793	0.222029	36.615902	
0.50000	0.270603	29.214804	0.174889
0.000793	0.026384	44.794973	
0.75000	0.270603	40.951023	0.174889
0.000793	0.298305	31.366153	
1.00000	0.270603	56.428734	0.174889
0.000793	0.606579	9.079006	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.200938	-54.607256	-0.254874
-0.001037	-0.661057	-42.469768	
0.25000	-0.200938	-41.349296	-0.254874
-0.001037	-0.344245	-19.609127	
0.50000	-0.200938	-28.316699	-0.254874
-0.001037	-0.032379	-16.534020	
0.75000	-0.200938	-14.841793	-0.254874
-0.001037	-0.226839	-14.233937	
1.00000	-0.200938	-5.471667	-0.254874
-0.001037	-0.444392	-38.401288	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071625	0.260436	0.078368
5.33E-07	0.196512	0.804355	
0.25000	0.071625	0.285248	0.078368
5.33E-07	0.099091	0.751611	
0.50000	0.071625	0.317482	0.078368
5.33E-07	0.001594	0.734944	
0.75000	0.071625	0.344744	0.078368
5.33E-07	0.102582	0.680714	
1.00000	0.071625	0.380697	0.078368
5.33E-07	0.206161	0.605929	

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080713	-0.254650	-0.083331
-0.000661	-0.208219	-1.963490	
0.25000	-0.080713	-0.223853	-0.083331
-0.000661	-0.104632	-1.765951	
0.50000	-0.080713	-0.193580	-0.083331
-0.000661	-0.004183	-1.615032	
0.75000	-0.080713	-0.162279	-0.083331
-0.000661	-0.095912	-1.467909	
1.00000	-0.080713	-0.140514	-0.083331
-0.000661	-0.193340	-1.383940	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095318	0.920683	0.125591
3.78E-06	0.313216	2.481870	
0.25000	0.095318	1.665025	0.125591
3.78E-06	0.158129	3.688167	
0.50000	0.095318	2.632057	0.125591
3.78E-06	0.003785	4.055702	
0.75000	0.095318	3.449912	0.125591
3.78E-06	0.186591	3.127751	
1.00000	0.095318	4.528498	0.125591
3.78E-06	0.377083	1.560390	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.240997	-3.951352	-0.153707
-0.001199	-0.390436	-6.079610	
0.25000	-0.240997	-3.027883	-0.153707
-0.001199	-0.199438	-4.313575	
0.50000	-0.240997	-2.119688	-0.153707
-0.001199	-0.009588	-3.927585	
0.75000	-0.240997	-1.180670	-0.153707
-0.001199	-0.156673	-3.599317	
1.00000	-0.240997	-0.527699	-0.153707
-0.001199	-0.311840	-5.117446	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.146764	1.571205	0.157826
5.73E-06	0.387482	5.001347	
0.25000	0.146764	2.754709	0.157826
5.73E-06	0.191890	6.772121	
0.50000	0.146764	4.292289	0.157826
5.73E-06	0.007849	7.011294	
0.75000	0.146764	5.592679	0.157826
5.73E-06	0.250051	5.097766	
1.00000	0.146764	7.307631	0.157826
5.73E-06	0.508511	2.385671	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178280	-6.196625	-0.208905
-0.001407	-0.532774	-9.307909	
0.25000	-0.178280	-4.727624	-0.208905
-0.001407	-0.273117	-6.625270	
0.50000	-0.178280	-3.283594	-0.208905
-0.001407	-0.014810	-6.135977	
0.75000	-0.178280	-1.790556	-0.208905
-0.001407	-0.201842	-5.735435	
1.00000	-0.178280	-0.752333	-0.208905
-0.001407	-0.398171	-8.268877	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.301886	5.063873	0.175639
0.000531	0.434705	12.332405	
0.25000	0.301886	17.680474	0.175639
0.000531	0.224028	42.173339	
0.50000	0.301886	34.071657	0.175639
0.000531	0.029355	52.175591	
0.75000	0.301886	47.934299	0.175639
0.000531	0.289144	36.553196	
1.00000	0.301886	66.216335	0.175639
0.000531	0.583508	10.386393	

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.202346	-64.519055	-0.245141
-0.001165	-0.637547	-48.676220	
0.25000	-0.202346	-48.858955	-0.245141
-0.001165	-0.332836	-21.620076	
0.50000	-0.202346	-33.465052	-0.245141
-0.001165	-0.033894	-17.934275	
0.75000	-0.202346	-17.548700	-0.245141
-0.001165	-0.229390	-15.171479	
1.00000	-0.202346	-6.480850	-0.245141
-0.001165	-0.447839	-43.659722	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140746	0.949150	0.120309
0.001370	0.295298	2.621671	
0.25000	0.140746	0.960309	0.120309
0.001370	0.146257	2.066983	
0.50000	0.140746	0.980056	0.120309
0.001370	0.005704	1.614719	
0.75000	0.140746	1.001033	0.120309
0.001370	0.288718	1.281833	
1.00000	0.140746	1.018463	0.120309
0.001370	0.590172	1.121692	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.342836	-0.102252	-0.242572
-6.58E-06	-0.616029	-4.740685	
0.25000	-0.342836	-0.083384	-0.242572
-6.58E-06	-0.444613	-6.357181	
0.50000	-0.342836	-0.062083	-0.242572
-6.58E-06	-0.020484	-5.890170	
0.75000	-0.342836	-0.043028	-0.242572
-6.58E-06	-0.152015	-6.629260	
1.00000	-0.342836	-0.036229	-0.242572
-6.58E-06	-0.301062	-7.502010	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.444843	8.582720	0.216577
0.001635	0.537946	14.549079	
0.25000	0.444843	26.347421	0.216577
0.001635	0.283231	54.137358	
0.50000	0.444843	57.784606	0.216577
0.001635	0.050895	73.633011	
0.75000	0.444843	91.179770	0.216577
0.001635	0.428399	48.221725	
1.00000	0.444843	118.928319	0.216577
0.001635	0.852150	13.435539	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.407958	-117.754985	-0.357330
-5.77E-05	-0.931421	-77.141742	
0.25000	-0.407958	-87.718558	-0.357330
-5.77E-05	-0.487554	-34.296887	
0.50000	-0.407958	-53.807493	-0.357330
-5.77E-05	-0.060038	-29.105854	
0.75000	-0.407958	-23.471413	-0.357330
-5.77E-05	-0.287386	-25.200448	
1.00000	-0.407958	-12.646786	-0.357330
-5.77E-05	-0.555046	-72.698225	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.423833	7.037148	0.270669
0.001454	0.663698	13.366169	
0.25000	0.423833	19.650973	0.270669
0.001454	0.337705	40.809023	
0.50000	0.423833	41.972955	0.270669
0.001454	0.040969	54.121882	
0.75000	0.423833	65.685199	0.270669
0.001454	0.545187	35.711511	
1.00000	0.423833	85.388063	0.270669
0.001454	1.096002	10.805969	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.413211	-83.605640	-0.454526
-0.000427	-1.167634	-59.453955	
0.25000	-0.413211	-62.278268	-0.454526
-0.000427	-0.602659	-29.470704	
0.50000	-0.413211	-38.199708	-0.454526
-0.000427	-0.059296	-26.322219	
0.75000	-0.413211	-16.659567	-0.454526
-0.000427	-0.359606	-24.189960	
1.00000	-0.413211	-8.973537	-0.454526
-0.000427	-0.693833	-58.677704	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.400320	6.179118	0.311248
0.001212	0.764172	12.152464	
0.25000	0.400320	16.648798	0.311248
0.001212	0.385677	34.660079	
0.50000	0.400320	35.176398	0.311248
0.001212	0.035112	45.531801	
0.75000	0.400320	54.857939	0.311248
0.001212	0.615203	30.180849	
1.00000	0.400320	71.211630	0.311248
0.001212	1.240534	9.490639	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.466157	-69.451890	-0.512137
-0.000814	-1.308308	-51.186853	
0.25000	-0.466157	-51.749832	-0.512137
-0.000814	-0.671098	-26.376963	
0.50000	-0.466157	-31.764243	-0.512137
-0.000814	-0.056149	-23.886445	
0.75000	-0.466157	-13.885583	-0.512137
-0.000814	-0.408027	-22.313392	
1.00000	-0.466157	-7.506056	-0.512137
-0.000814	-0.793178	-51.209728	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.324909	5.734049	0.098377
7.01E-05	0.243143	9.545249	
0.25000	0.324909	18.187193	0.098377
7.01E-05	0.130827	37.434516	
0.50000	0.324909	40.224818	0.098377
7.01E-05	0.033380	51.203584	
0.75000	0.324909	63.613896	0.098377
7.01E-05	0.145443	33.573352	
1.00000	0.324909	83.086868	0.098377
7.01E-05	0.279943	9.370577	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079602	-82.652925	-0.119650
-0.000198	-0.319682	-52.219061	
0.25000	-0.079602	-61.597239	-0.119650
-0.000198	-0.171062	-21.924495	
0.50000	-0.079602	-37.825412	-0.119650
-0.000198	-0.032009	-17.994249	
0.75000	-0.079602	-16.559668	-0.119650
-0.000198	-0.137247	-14.913556	
1.00000	-0.079602	-8.971550	-0.119650
-0.000198	-0.258770	-47.848368	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.303570	6.067594	0.189454
6.69E-05	0.463244	11.020833	
0.25000	0.303570	17.951643	0.189454
6.69E-05	0.224310	37.119811	
0.50000	0.303570	38.982172	0.189454
6.69E-05	0.034061	49.974908	
0.75000	0.303570	61.322530	0.189454
6.69E-05	0.348125	32.845646	
1.00000	0.303570	79.885473	0.189454
6.69E-05	0.692977	9.525806	

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185597	-78.788330	-0.287999
-0.000705	-0.742116	-53.015050	
0.25000	-0.185597	-58.694866	-0.287999
-0.000705	-0.383906	-24.371393	
0.50000	-0.185597	-36.009387	-0.287999
-0.000705	-0.042153	-20.952275	
0.75000	-0.185597	-15.715464	-0.287999
-0.000705	-0.257977	-18.460960	
1.00000	-0.185597	-8.474115	-0.287999
-0.000705	-0.491359	-50.419864	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.425433	5.168236	0.264237
0.000998	0.645997	10.901563	
0.25000	0.425433	12.891194	0.264237
0.000998	0.324285	27.057804	
0.50000	0.425433	26.558076	0.264237
0.000998	0.029318	34.701834	
0.75000	0.425433	41.076162	0.264237
0.000998	0.503967	23.350416	
1.00000	0.425433	53.139460	0.264237
0.000998	1.017543	8.231574	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.324514	-51.378694	-0.420069
-0.000641	-1.072721	-40.207162	
0.25000	-0.324514	-38.320772	-0.420069
-0.000641	-0.550367	-22.068144	
0.50000	-0.324514	-23.578406	-0.420069
-0.000641	-0.048125	-20.523078	
0.75000	-0.324514	-10.390214	-0.420069

```
-0.000641   -0.348308   -19.594886
1.00000   -0.324514   -5.684357   -0.420069
-0.000641   -0.674999   -41.231481

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.426626   4.561852   0.318633
0.000832   0.781366   10.019637
0.25000   0.426626   11.039496   0.318633
 0.000832   0.397734   23.389699
0.50000   0.426626   22.502615   0.318633
 0.000832   0.025783   29.698773
0.75000   0.426626   34.679683   0.318633
 0.000832   0.578535   20.093666
1.00000   0.426626   44.797794   0.318633
 0.000832   1.170308   7.372168

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.339362   -43.176212   -0.481262
-0.000981   -1.223184   -35.401705
0.25000   -0.339362   -32.223859   -0.481262
-0.000981   -0.624210   -20.184607
0.50000   -0.339362   -19.858675   -0.481262
-0.000981   -0.045944   -18.923772
0.75000   -0.339362   -8.797058   -0.481262
-0.000981   -0.414217   -18.219931
1.00000   -0.339362   -4.850013   -0.481262
-0.000981   -0.808740   -36.491311

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.153028   0.335557   0.160568
3.42E-07   0.397183   1.372563
0.25000   0.153028   0.346715   0.160568
3.42E-07   0.197364   1.164957
0.50000   0.153028   0.366462   0.160568
3.42E-07   0.002065   1.015036
0.75000   0.153028   0.387439   0.160568
3.42E-07   0.236855   0.889116
1.00000   0.153028   0.404869   0.160568
3.42E-07   0.480014   0.796514
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4152

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.099872   -0.249899   -0.194996
-0.000691   -0.488141   -2.648642
0.25000   -0.099872   -0.231032   -0.194996
-0.000691   -0.244959   -2.553317
0.50000   -0.099872   -0.209731   -0.194996
-0.000691   -0.008214   -2.538913
0.75000   -0.099872   -0.190675   -0.194996
-0.000691   -0.201209   -2.579047
1.00000   -0.099872   -0.183876   -0.194996
-0.000691   -0.401076   -2.696537

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.187922   0.998427   0.252554
2.35E-06   0.622453   3.064484
0.25000   0.187922   1.366665   0.252554
2.35E-06   0.308713   3.269765
0.50000   0.187922   2.018315   0.252554
2.35E-06   0.004293   3.221834
0.75000   0.187922   2.710552   0.252554
2.35E-06   0.430596   2.485028
1.00000   0.187922   3.285742   0.252554
2.35E-06   0.873265   1.651535

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.273025   -2.661977   -0.355568
-0.001236   -0.893294   -6.544051
0.25000   -0.273025   -2.039363   -0.355568
-0.001236   -0.450290   -5.733240
0.50000   -0.273025   -1.336433   -0.355568
-0.001236   -0.018107   -5.805477
0.75000   -0.273025   -0.707607   -0.355568
-0.001236   -0.319386   -6.081772
1.00000   -0.273025   -0.483227   -0.355568
-0.001236   -0.633697   -7.519466

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.299061   1.467663   0.298399
3.08E-06   0.729521   4.976902
0.25000   0.299061   1.477706   0.298399
3.08E-06   0.358200   3.921118
0.50000   0.299061   1.495478   0.298399
3.08E-06   0.007058   3.106647
0.75000   0.299061   1.514357   0.298399
3.08E-06   0.509416   2.666105
1.00000   0.299061   1.530044   0.298399
3.08E-06   1.034349   2.484650

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.241598   -0.319754   -0.421408
-0.001348   -1.056593   -7.828987
0.25000   -0.241598   -0.302773   -0.421408
-0.001348   -0.533948   -8.194234
0.50000   -0.241598   -0.283602   -0.421408
-0.001348   -0.026035   -8.752818
0.75000   -0.241598   -0.266453   -0.421408
-0.001348   -0.383558   -9.509179
1.00000   -0.241598   -0.260333   -0.421408
-0.001348   -0.754781   -10.502922

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.474752   4.660137   0.331612
0.000538   0.815107   10.067173
0.25000   0.474752   11.690198   0.331612
 0.000538   0.408157   24.790912
0.50000   0.474752   24.130732   0.331612
 0.000538   0.026308   31.785291
0.75000   0.474752   37.346155   0.331612
 0.000538   0.562235   21.482006
1.00000   0.474752   48.327051   0.331612
 0.000538   1.134620   7.719607
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4153

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.299553   -46.923762   -0.466271
-0.001119   -1.184623   -36.995936
0.25000   -0.299553   -35.037488   -0.466271
-0.001119   -0.604201   -20.359873
0.50000   -0.299553   -21.617908   -0.466271
-0.001119   -0.043864   -18.688045
0.75000   -0.299553   -9.613053   -0.466271
-0.001119   -0.429177   -17.666530
1.00000   -0.299553   -5.329438   -0.466271
-0.001119   -0.840990   -37.171925

COMB       DB ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.311624   7.678960   0.182796
0.001542   0.453468   17.058110
0.25000   0.311624   30.803192   0.182796
 0.001542   0.234167   73.141533
0.50000   0.311624   60.845635   0.182796
0.001542   0.045388   92.290079
0.75000   0.311624   86.253664   0.182796
0.001542   0.314923   64.096330
1.00000   0.311624   119.761741   0.182796
0.001542   0.639855   16.512985

COMB       DB ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.256160   -117.823837   -0.269793
-0.001407   -0.701888   -82.743187
0.25000   -0.256160   -89.121354   -0.269793
-0.001407   -0.366564   -33.441118
0.50000   -0.256160   -60.906767   -0.269793
-0.001407   -0.047122   -26.971062
0.75000   -0.256160   -31.734613   -0.269793
-0.001407   -0.237683   -22.189190
1.00000   -0.256160   -11.448996   -0.269793
-0.001407   -0.465002   -74.681434

COMB       DL ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.474752   8.582720   0.331612
0.001635   0.815107   14.549079
0.25000   0.474752   26.347421   0.331612
 0.001635   0.408157   54.173358
0.50000   0.474752   57.784606   0.331612
 0.001635   0.050895   73.633011
0.75000   0.474752   91.179770   0.331612
 0.001635   0.615203   48.221725
1.00000   0.474752   118.928319   0.331612
 0.001635   1.240534   13.435539

COMB       DL ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.466157   -117.754985   -0.512137
-0.001348   -1.308308   -77.141742
0.25000   -0.466157   -87.718358   -0.512137
-0.001348   -0.671098   -34.296887
0.50000   -0.466157   -53.807493   -0.512137
-0.001348   -0.060038   -29.105854
0.75000   -0.466157   -23.471413   -0.512137
-0.001348   -0.429177   -25.200448
1.00000   -0.466157   -12.646786   -0.512137
-0.001348   -0.840990   -72.698225

COMB       CAR ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.474752   8.582720   0.331612
0.001635   0.815107   17.058110
0.25000   0.474752   30.803192   0.331612
 0.001635   0.408157   73.141533
0.50000   0.474752   60.845635   0.331612
 0.001635   0.050895   92.290079
0.75000   0.474752   91.179770   0.331612
 0.001635   0.615203   64.096330
1.00000   0.474752   119.761741   0.331612
 0.001635   1.240534   16.512985
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4154

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.466157   -117.823837   -0.512137
-0.001407   -1.308308   -82.743187
0.25000   -0.466157   -89.121354   -0.512137
-0.001407   -0.671098   -34.296887
0.50000   -0.466157   -60.906767   -0.512137
-0.001407   -0.060038   -29.105854
0.75000   -0.466157   -31.734613   -0.512137
-0.001407   -0.429177   -25.200448
1.00000   -0.466157   -12.646786   -0.512137
-0.001407   -0.840990   -74.681434

COMB      DESIGN ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.474752   8.582720   0.331612
0.001635   0.815107   17.058110
0.25000   0.474752   30.803192   0.331612
 0.001635   0.408157   73.141533
0.50000   0.474752   60.845635   0.331612
 0.001635   0.050895   92.290079
0.75000   0.474752   91.179770   0.331612
 0.001635   0.615203   64.096330
1.00000   0.474752   119.761741   0.331612
 0.001635   1.240534   16.512985

COMB      DESIGN ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.466157   -117.823837   -0.512137
-0.001407   -1.308308   -82.743187
0.25000   -0.466157   -89.121354   -0.512137
-0.001407   -0.671098   -34.296887
0.50000   -0.466157   -60.906767   -0.512137
-0.001407   -0.060038   -29.105854
0.75000   -0.466157   -31.734613   -0.512137
-0.001407   -0.429177   -25.200448
1.00000   -0.466157   -12.646786   -0.512137
-0.001407   -0.840990   -74.681434

ELEM      400 ================== LENGTH
=   3.481038

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.154762   0.585103   0.154574
0.001046   0.273040   0.822021
0.25000   0.154762   0.610546   0.154574
 0.001046   0.138542   0.853500
0.50000   0.154762   0.637940   0.154574
0.001046   0.004178   0.866199
0.75000   0.154762   0.666093   0.154574
0.001046   0.162556   0.860220
1.00000   0.154762   0.686039   0.154574
0.001046   0.339268   0.837128

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.293403   -0.382080   -0.203057
-0.000548   -0.367609   -3.480676
0.25000   -0.293403   -0.362878   -0.203057
-0.000548   -0.190898   -3.246653
0.50000   -0.293403   -0.337321   -0.203057
-0.000548   -0.013964   -3.310588
0.75000   -0.293403   -0.307082   -0.203057
-0.000548   -0.130508   -3.536403
1.00000   -0.293403   -0.284746   -0.203057
-0.000548   -0.265047   -3.810635

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.576879   12.307892   0.275935
0.001311   0.470790   16.503892
0.25000   0.576879   36.020697   0.275935
0.001311   0.250702   56.844237
0.50000   0.576879   61.551831   0.275935
 0.001311   0.042043   69.655615
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4155

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.75000   0.576879   87.790304   0.275935
 0.001311   0.258932   53.342091
1.00000   0.576879   106.379871   0.275935
 0.001311   0.541869   17.089561

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.344081   -108.940827   -0.325110
-0.000716   -0.617008   -74.698614
0.25000   -0.344081   -91.044689   -0.325110
-0.000716   -0.334587   -39.900634
0.50000   -0.344081   -67.225246   -0.325110
-0.000716   -0.064620   -34.357061
0.75000   -0.344081   -39.042601   -0.325110
-0.000716   -0.257182   -29.042745
1.00000   -0.344081   -18.229297   -0.325110
-0.000716   -0.497340   -53.857855

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.506531   9.120453   0.350868
0.001149   0.601213   11.954120
0.25000   0.506531   25.263578   0.350868
 0.001149   0.309502   39.497967
0.50000   0.506531   42.645021   0.350868
 0.001149   0.030376   48.279446
0.75000   0.506531   60.508016   0.350868
 0.001149   0.351367   37.186622
1.00000   0.506531   73.163681   0.350868
 0.001149   0.697926   12.490291

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.331871   -74.207241   -0.418504
-0.001042   -0.777389   -54.146810
0.25000   -0.331871   -62.023658   -0.418504
-0.001042   -0.413529   -30.410252
0.50000   -0.331871   -45.807524   -0.418504
-0.001042   -0.057952   -26.827482
0.75000   -0.331871   -26.620949   -0.418504
-0.001042   -0.319975   -23.560782
1.00000   -0.331871   -12.450696   -0.418504
-0.001042   -0.625333   -40.817928

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.471521   7.759616   0.381290
0.001145   0.656202   10.352380
0.25000   0.471521   21.155316   0.381290
 0.001145   0.335695   33.189347
0.50000   0.471521   35.578215   0.381290
 0.001145   0.026703   40.471508
0.75000   0.471521   50.400700   0.381290
 0.001145   0.363438   31.253135
1.00000   0.471521   60.902209   0.381290
 0.001145   0.755280   10.863064

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.483482   -61.846396   -0.451556
-0.001258   -0.832216   -46.109437
0.25000   -0.483482   -51.736615   -0.451556
-0.001258   -0.439534   -26.339161
0.50000   -0.483482   -38.280674   -0.451556
-0.001258   -0.053747   -23.403322
0.75000   -0.483482   -22.359899   -0.451556
-0.001258   -0.344955   -20.821980
1.00000   -0.483482   -10.601604   -0.451556
-0.001258   -0.676284   -35.273425

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.450928   10.102870   0.145220
 0.000144   0.088843   47.091558
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4156

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.25000   0.450928   29.948351   0.145220
 0.000144   0.129263   47.097001
0.50000   0.450928   51.315609   0.145220
 0.000144   0.031694   57.807968
0.75000   0.450928   73.274846   0.145220
 0.000144   0.108939   44.144582
1.00000   0.450928   88.832638   0.145220
 0.000144   0.228856   13.782452

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.073179   -91.032409   -0.137790
-0.000250   -0.229225   -69.286721
0.25000   -0.073179   -76.054955   -0.137790
-0.000250   -0.154038   -31.355794
0.50000   -0.073179   -56.120228   -0.137790
-0.000250   -0.045095   -26.729167
0.75000   -0.073179   -32.533894   -0.137790
-0.000250   -0.146656   -22.184932
1.00000   -0.073179   -15.111198   -0.137790
-0.000250   -0.273032   -42.855429

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.417137   9.681990   0.256768
0.000138   0.430387   12.907110
0.25000   0.417137   28.153253   0.256768
 0.000138   0.222561   44.390702
0.50000   0.417137   48.041239   0.256768
 0.000138   0.030451   54.426169
0.75000   0.417137   68.480222   0.256768
 0.000138   0.221778   41.705944
1.00000   0.417137   82.960935   0.256768
 0.000138   0.463439   13.577480

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.247452   -84.907386   -0.277683
-0.000709   -0.524348   -58.275889
0.25000   -0.247452   -70.966832   -0.277683
-0.000709   -0.283088   -31.283937
0.50000   -0.247452   -52.412201   -0.277683
-0.000709   -0.051658   -27.075504
0.75000   -0.247452   -30.458768   -0.277683
-0.000709   -0.245886   -23.073812
1.00000   -0.247452   -14.245051   -0.277683
-0.000709   -0.469351   -42.535036

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.545313   7.964825   0.325658
0.000891   0.556792   10.413436
0.25000   0.545313   21.039944   0.325658
 0.000891   0.284452   32.281351
0.50000   0.545313   35.117679   0.325658
 0.000891   0.024862   39.390671
0.75000   0.545313   49.585438   0.325658
 0.000891   0.317411   30.394134
1.00000   0.545313   59.835629   0.325658
 0.000891   0.663643   10.518788

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.334342   -60.259588   -0.397845
-0.001080   -0.736254   -44.781579
0.25000   -0.334342   -50.391750   -0.397845
-0.001080   -0.390305   -25.599637
0.50000   -0.334342   -37.257831   -0.397845
-0.001080   -0.051081   -22.810206
0.75000   -0.334342   -21.718066   -0.397845
-0.001080   -0.297599   -20.323783
1.00000   -0.334342   -10.241166   -0.397845
-0.001080   -0.581017   -34.481044
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4157

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.518055   6.803498   0.366027
0.000967   0.630660   9.105793
0.25000   0.518055   17.756677   0.366027
 0.000967   0.321388   27.433422
0.50000   0.518055   29.549759   0.366027
 0.000967   0.022420   33.383143
0.75000   0.518055   41.669569   0.366027
 0.000967   0.351367   25.840782
1.00000   0.518055   50.256273   0.366027
 0.000967   0.727859   9.163049

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.335428   -50.570111   -0.432622
-0.001268   -0.790648   -38.451549
0.25000   -0.335428   -42.303708   -0.432622
-0.001268   -0.414400   -22.320509
0.50000   -0.335428   -31.301272   -0.432622
-0.001268   -0.047611   -20.017078
0.75000   -0.335428   -18.298307   -0.432622
-0.001268   -0.330014   -18.055389
1.00000   -0.335428   -8.669098   -0.432622
-0.001268   -0.647218   -30.036714

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.117802   0.258708   0.151105
0.000377   0.265655   0.628760
0.25000   0.117802   0.284150   0.151105
0.000377   0.134176   0.661183
0.50000   0.117802   0.311544   0.151105
0.000377   0.002647   0.664984
0.75000   0.117802   0.339697   0.151105
0.000377   0.139348   0.637770
1.00000   0.117802   0.359643   0.151105
0.000377   0.281221   0.606290

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.088080   -0.274745   -0.163001
-0.000570   -0.286219   -1.408497
0.25000   -0.088080   -0.255544   -0.163001
-0.000570   -0.144348   -1.288718
0.50000   -0.088080   -0.229986   -0.163001
-0.000570   -0.007178   -1.338938
0.75000   -0.088080   -0.199747   -0.163001
-0.000570   -0.129095   -1.522177
1.00000   -0.088080   -0.177414   -0.163001
-0.000570   -0.260355   -1.741002

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.175233   0.920489   0.253434
0.000542   0.441749   1.526346
0.25000   0.175233   1.683777   0.253434
0.000542   0.221827   2.885034
0.50000   0.175233   2.505595   0.253434
0.000542   0.005251   3.285864
0.75000   0.175233   3.350181   0.253434
0.000542   0.241089   2.746599
1.00000   0.175233   3.948557   0.253434
0.000542   0.490998   1.831652

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.390895   -4.133935   -0.287168
-0.001032   -0.509566   -5.158042
0.25000   -0.390895   -3.557879   -0.287168
-0.001032   -0.259654   -3.878355
0.50000   -0.390895   -2.791159   -0.287168
-0.001032   -0.015901   -3.803268
0.75000   -0.390895   -1.883992   -0.287168
-0.001032   -0.221094   -3.960170
1.00000   -0.390895   -1.214004   -0.287168
-0.001032   -0.440708   -5.110551
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    4158

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.297333   1.704482   0.338268
0.000450   0.585290   2.422077
0.25000   0.297333   2.918109   0.338268
0.000450   0.291919   4.392648
0.50000   0.297333   4.224799   0.338268
0.000450   0.006055   5.040154
0.75000   0.297333   5.567691   0.338268
0.000450   0.311196   4.192915
1.00000   0.297333   6.519110   0.338268
0.000450   0.639450   2.437162

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.263643   -5.955093   -0.377197
-0.001226   -0.675000   -8.323646
0.25000   -0.263643   -5.039164   -0.377197
-0.001226   -0.346751   -6.444227
0.50000   -0.263643   -3.820079   -0.377197
-0.001226   -0.024246   -6.435642
0.75000   -0.263643   -2.377684   -0.377197
-0.001226   -0.299152   -6.736835
1.00000   -0.263643   -1.312403   -0.377197
-0.001226   -0.592623   -8.602487

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000   0.600115   7.663439   0.372726
0.000827   0.636294   10.417082
0.25000   0.600115   20.601166   0.372726
 0.000827   0.324665   32.088724
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 0.50000     0.600115    34.530975     0.372726
 0.000827    0.025157    39.047580
 0.75000     0.600115    48.846709     0.372726
 0.000827    0.347822    30.133757
 1.00000     0.600115    58.989192     0.372726
 0.000827    0.718551    10.427382

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.294379   -59.693390    -0.426005
-0.001240    -0.779234   -43.711584
 0.25000    -0.294379   -49.929242    -0.426005
-0.001240    -0.408764   -24.715857
 0.50000    -0.294379   -36.933333    -0.426005
-0.001240    -0.049436   -21.927274
 0.75000    -0.294379   -21.556858    -0.426005
-0.001240    -0.341738   -19.471935
 1.00000    -0.294379   -10.200556    -0.426005
-0.001240    -0.665346   -33.477388

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.203327    0.704366     0.251883
 0.001186    0.436781    1.099829
 0.25000     0.203327    0.713498     0.251883
 0.001186    0.217728    1.080629
 0.50000     0.203327    0.731972     0.251883
 0.001186    0.005504    1.094234
 0.75000     0.203327    0.751144     0.251883
 0.001186    0.353592    1.128778
 1.00000     0.203327    0.767329     0.251883
 0.001186    0.729849    1.162243

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.679354   -0.465990    -0.432260
-0.000524    -0.774973   -7.442371
 0.25000    -0.679354   -0.448456    -0.432260
-0.000524    -0.398800   -7.541136
 0.50000    -0.679354   -0.428941    -0.432260
-0.000524    -0.028166   -7.697195
 0.75000    -0.679354   -0.411069    -0.432260
-0.000524    -0.219470   -7.882325
 1.00000    -0.679354   -0.407411    -0.432260
-0.000524    -0.438476   -8.097600
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4159

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.797679    13.637315     0.457064
 0.001371    0.786446    13.416809
 0.25000     0.797679    28.174587     0.457064
 0.001371    0.406449    39.231673
 0.50000     0.797679    57.585923     0.457064
 0.001371    0.042338    52.389677
 0.75000     0.797679    88.106777     0.457064
 0.001371    0.501242    36.506211
 1.00000     0.797679   113.874201     0.457064
 0.001371    1.038397    13.712636

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.741033  -114.048688    -0.621684
-0.000650    -1.146600   -72.632724
 0.25000    -0.741033   -86.135336    -0.621684
-0.000650    -0.605765   -43.679427
 0.50000    -0.741033   -55.066946    -0.621684
-0.000650    -0.078618   -38.627518
 0.75000    -0.741033   -26.614236    -0.621684
-0.000650    -0.415296   -33.746075
 1.00000    -0.741033   -20.790983    -0.621684
-0.000650    -0.810193   -62.622843

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.780379    10.514936     0.592085
 0.001212    1.018842    10.806140
 0.25000     0.780379    20.837130     0.592085
 0.001212    0.516385    28.954854
 0.50000     0.780379    41.720656     0.592085
 0.001212    0.032111    38.312733
 0.75000     0.780379    63.391997     0.592085
 0.001212    0.653296    27.035320
 1.00000     0.780379    81.688162     0.592085
 0.001212    1.352401    10.853545

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.715177   -81.084286    -0.805904
-0.000916    -1.466017   -58.618587
 0.25000    -0.715177   -61.264403    -0.805904
-0.000916    -0.764546   -38.452397
 0.50000    -0.715177   -39.204285    -0.805904
-0.000916    -0.079057   -35.302438
 0.75000    -0.715177   -19.001495    -0.805904
-0.000916    -0.533626   -32.324041
 1.00000    -0.715177   -14.866629    -0.805904
-0.000916    -1.046578   -53.313690

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.729928    8.959966     0.675287
 0.001166    0.511688    9.512088
 0.25000     0.729928   17.527551     0.675287
 0.001166    0.588522   24.559117
 0.50000     0.729928   34.861211     0.675287
 0.001166    0.028289   32.324091
 0.75000     0.729928   52.848768     0.675287
 0.001166    0.749169   22.979493
 1.00000     0.729928   68.034877     0.675287
 0.001166    1.545316    9.623390

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.811016   -67.546939    -0.917042
-0.001136    -1.657266   -51.165932
 0.25000    -0.811016   -51.096120    -0.917042
-0.001136    -0.858796   -34.430520
 0.50000    -0.811016   -32.785871    -0.917042
-0.001136    -0.075180   -31.833809
 0.75000    -0.811016   -16.017233    -0.917042
-0.001136    -0.603194   -29.399168
 1.00000    -0.811016   -12.585229    -0.917042
-0.001136    -1.188672   -46.885242
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4160

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.677172    9.615452     0.219755
 0.000123    0.374295    9.375302
 0.25000     0.677172   19.806153     0.219755
 0.000123    0.195557   27.294380
 0.50000     0.677172   40.423647     0.219755
 0.000123    0.026377   36.332827
 0.75000     0.677172   61.818919     0.219755
 0.000123    0.161593   25.158416
 1.00000     0.677172   79.882013     0.219755
 0.000123    0.336761    9.194974

COMB DL-G2-1 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.107491   -79.775875    -0.204552
-0.000201    -0.389503   -47.848542
 0.25000    -0.107491   -60.208475    -0.204552
-0.000201    -0.211696   -27.663382
 0.50000    -0.107491   -38.429377    -0.204552
-0.000201    -0.041556   -24.268262
 0.75000    -0.107491   -18.483947    -0.204552
-0.000201    -0.206391   -20.993306
 1.00000    -0.107491   -14.401755    -0.204552
-0.000201    -0.396032   -41.400207

COMB DL-G2-2 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.647593    9.490259     0.428547
 0.000112    0.734633    9.554921
 0.25000     0.647593   19.215255     0.428547
 0.000112    0.373817   26.669612
 0.50000     0.647593   38.890552     0.428547
 0.000112    0.025903   35.470239
 0.75000     0.647593   59.308083     0.428547
 0.000112    0.416186   24.833623
 1.00000     0.647593   76.545713     0.428547
 0.000112    0.861274    9.644429

COMB DL-G2-2 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.293060   -76.279485    -0.513804
-0.000602    -0.938867   -50.420575
 0.25000    -0.293060   -57.606293    -0.513804
-0.000602    -0.491510   -31.315315
 0.50000    -0.293060   -36.822477    -0.513804
-0.000602    -0.055921   -28.229985
 0.75000    -0.293060   -17.788532    -0.513804
-0.000602    -0.392029   -25.298879
 1.00000    -0.293060   -13.892891    -0.513804
-0.000602    -0.763180   -44.964507

COMB DL-G2-3 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.813242    7.517815     0.580329
 0.000916    0.999795    8.243782
 0.25000     0.813242   13.837693     0.580329
 0.000916    0.502894   18.874062
 0.50000     0.813242   26.623865     0.580329
 0.000916    0.021572   24.336610
 0.75000     0.813242   39.892385     0.580329
 0.000916    0.608885   17.447217
 1.00000     0.813242   51.094416     0.580329
 0.000916    1.259748    7.643547

COMB DL-G2-3 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.523473   -49.847201    -0.749588
-0.000959    -1.356551   -41.197448
 0.25000    -0.523473   -37.712257    -0.749588
-0.000959    -0.704105   -29.212265
 0.50000    -0.523473   -24.205704    -0.749588
-0.000959    -0.065148   -27.706432
 0.75000    -0.523473   -11.836320    -0.749588
-0.000959    -0.520017   -26.467060
 1.00000    -0.523473    9.304703     -0.749588
-0.000959    -1.023366   -40.031474
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4161

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.796319    6.477352     0.688882
 0.000958    1.191839    7.405647
 0.25000     0.796319   11.778160     0.688882
 0.000958    0.599124   16.326498
 0.50000     0.796319   22.502582     0.688882
 0.000958    0.019918   20.916828
 0.75000     0.796319   33.631574     0.688882
 0.000958    0.775574   15.130430
 1.00000     0.796319   43.027296     0.688882
 0.000958    1.468169    6.896091

COMB DL-G2-4 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.521550   -41.928082    -0.868973
-0.001169    -1.561959   -36.473782
 0.25000    -0.521550   -31.749878    -0.868973
-0.001169    -0.805090   -26.476058
 0.50000    -0.521550   -20.421234    -0.868973
-0.001169    -0.062227   -25.263742
 0.75000    -0.521550   -10.046394    -0.868973
-0.001169    -0.610808   -24.269861
 1.00000    -0.521550    7.922995     -0.868973
-0.001169    -1.208695   -35.700253

COMB DL-G3-1 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.272443    0.339743     0.332762
 0.000341    0.581999    0.836595
 0.25000     0.272443    0.348875     0.332762
 0.000341    0.292316    0.827373
 0.50000     0.272443    0.357349     0.332762
 0.000341    0.003185    0.821934
 0.75000     0.272443    0.386521     0.332762
 0.000341    0.309696    0.806500
 1.00000     0.272443    0.402706     0.332762
 0.000341    0.630479    0.795758

COMB DL-G3-1 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.106677   -0.248967    -0.368059
-0.000574    -0.649696   -2.723016
 0.25000    -0.106677   -0.231433    -0.368059
-0.000574    -0.329076   -2.813789
 0.50000    -0.106677   -0.211918    -0.368059
-0.000574    -0.010444   -2.935168
 0.75000    -0.106677   -0.194046    -0.368059
-0.000574    -0.286548   -3.066603
 1.00000    -0.106677   -0.190388    -0.368059
-0.000574    -0.576272   -3.227456

COMB DL-G3-2 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.332350    0.938711     0.534454
 0.000485    0.931167    1.715291
 0.25000     0.332350    1.240049     0.534454
 0.000485    0.466337    2.218716
 0.50000     0.332350    1.849706     0.534454
 0.000485    0.005473    2.487170
 0.75000     0.332350    2.482361     0.534454
 0.000485    0.553987    2.195574
 1.00000     0.332350    3.016485     0.534454
 0.000485    1.131689    1.905258

COMB DL-G3-2 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.423230   -2.927555    -0.662837
-0.001008    -1.174213   -7.551108
 0.25000    -0.423230   -2.348949    -0.662837
-0.001008    -0.596543   -7.039328
 0.50000    -0.423230   -1.704944    -0.662837
-0.001008    -0.024336   -7.089181
 0.75000    -0.423230   -1.115160    -0.662837
-0.001008    -0.464189   -7.202215
 1.00000    -0.423230   -0.994450    -0.662837
-0.001008    -0.929309   -8.070578
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4162

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.588984    1.464221     0.650619
 0.000404    1.128638    2.551077
 0.25000     0.588984    1.472439     0.650619
 0.000404    0.562903    2.215167
 0.50000     0.588984    1.489066     0.650619
 0.000404    0.005153    2.098123
 0.75000     0.588984    1.506321     0.650619
 0.000404    0.648224    2.108649
 1.00000     0.588984    1.520888     0.650619
 0.000404    1.329173    2.210410

COMB DL-G3-3 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.340781   -0.515211    -0.781649
-0.001136    -1.388037   -10.530000
 0.25000    -0.340781   -0.499431    -0.781649
-0.001136    -0.707416   -11.061554
 0.50000    -0.340781   -0.481867    -0.781649
-0.001136    -0.035501   -11.686750
 0.75000    -0.340781   -0.465782    -0.781649
-0.001136    -0.571311   -12.414634
 1.00000    -0.340781   -0.462490    -0.781649
-0.001136    -1.137011   -13.213253

COMB DL-G3-4 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.923409    6.869082     0.715058
 0.000802    1.236783    7.767283
 0.25000     0.923409   12.628997     0.715058
 0.000802    0.622743   17.492760
 0.50000     0.923409   24.260805     0.715058
 0.000802    0.020777   22.426266
 0.75000     0.923409   36.338781     0.715058
 0.000802    0.697504   16.141353
 1.00000     0.923409   46.535689     0.715058
 0.000802    1.435171    7.253527

COMB DL-G3-4 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.425960   -45.475945    -0.848629
-0.001171    -1.524156   -37.184835
 0.25000    -0.425960   -34.429831    -0.848629
-0.001171    -0.785370   -26.263332
 0.50000    -0.425960   -22.135180    -0.848629
-0.001171    -0.058761   -24.918004
 0.75000    -0.425960   -10.875663    -0.848629
-0.001171    -0.634785   -23.774081
 1.00000    -0.425960    -8.571199    -0.848629
-0.001171    -1.255424   -36.050820

COMB     DB ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.600115   12.307892     0.381290
 0.001311    0.656202   16.503892
 0.25000     0.600115   36.020697     0.381290
 0.001311    0.335695   56.844237
 0.50000     0.600115   61.551831     0.381290
 0.001311    0.042043   69.655615
 0.75000     0.600115   87.790304     0.381290
 0.001311    0.363438   53.342091
 1.00000     0.600115  106.379871     0.381290
 0.001311    0.755280   17.089561

COMB     DB ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.483482  -108.940827    -0.451556
-0.001268    -0.832216   -74.698614
 0.25000    -0.483482   -91.044689    -0.451556
-0.001268    -0.439534   -39.900634
 0.50000    -0.483482   -67.225246    -0.451556
-0.001268    -0.064620   -34.357061
 0.75000    -0.483482   -39.042601    -0.451556
-0.001268    -0.344955   -29.042745
 1.00000    -0.483482   -18.228297    -0.451556
-0.001268    -0.676284   -53.857855
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4163

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.923409   13.637315     0.715058
 0.001371    1.236783   13.416809
 0.25000     0.923409   28.174587     0.715058
 0.001371    0.622743   39.231673
 0.50000     0.923409   57.585923     0.715058
 0.001371    0.042338   52.389677
 0.75000     0.923409   88.106777     0.715058
 0.001371    0.749169   36.506211
 1.00000     0.923409  113.874201     0.715058
 0.001371    1.545316   13.712636

COMB     DL ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.811016  -114.048688    -0.917042
-0.001171    -1.657266   -72.632724
 0.25000    -0.811016   -86.135336    -0.917042
-0.001171    -0.858796   -43.679427
 0.50000    -0.811016   -55.066946    -0.917042
-0.001171    -0.079057   -38.627518
 0.75000    -0.811016   -26.614236    -0.917042
-0.001171    -0.634785   -33.746075
 1.00000    -0.811016   -20.790983    -0.917042
-0.001171    -1.255424   -62.622843

COMB     CAR ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.923409   13.637315     0.715058
 0.001371    1.236783   16.503892
 0.25000     0.923409   36.020697     0.715058
 0.001371    0.622743   56.844237
 0.50000     0.923409   61.551831     0.715058
 0.001371    0.042338   69.655615
 0.75000     0.923409   88.106777     0.715058
 0.001371    0.749169   53.342091
 1.00000     0.923409  113.874201     0.715058
 0.001371    1.545316   17.089561

COMB     CAR ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.811016  -114.048688    -0.917042
-0.001268    -1.657266   -74.698614
 0.25000    -0.811016   -91.044689    -0.917042
-0.001268    -0.858796   -43.679427
 0.50000    -0.811016   -67.225246    -0.917042
-0.001268    -0.079057   -38.627518
 0.75000    -0.811016   -39.042601    -0.917042
-0.001268    -0.634785   -33.746075
 1.00000    -0.811016   -20.790983    -0.917042
-0.001268    -1.255424   -62.622843

COMB  DESIGN ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.923409   13.637315     0.715058
 0.001371    1.236783   16.503892
 0.25000     0.923409   36.020697     0.715058
 0.001371    0.622743   56.844237
 0.50000     0.923409   61.551831     0.715058
 0.001371    0.042338   69.655615
 0.75000     0.923409   88.106777     0.715058
 0.001371    0.749169   53.342091
 1.00000     0.923409  113.874201     0.715058
 0.001371    1.545316   17.089561

COMB  DESIGN ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.811016  -114.048688    -0.917042
-0.001268    -1.657266   -74.698614
 0.25000    -0.811016   -91.044689    -0.917042
-0.001268    -0.858796   -43.679427
 0.50000    -0.811016   -67.225246    -0.917042
-0.001268    -0.079057   -38.627518
 0.75000    -0.811016   -39.042601    -0.917042
-0.001268    -0.634785   -33.746075
 1.00000    -0.811016   -20.790983    -0.917042
-0.001268    -1.255424   -62.622843
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4164

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

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=    3.481101

COMB DB-G1-1 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.165206    0.175571     0.154342
 0.000564    0.265484    0.825783
 0.25000     0.165206    0.197911     0.154342
 0.000564    0.131166    0.812091
 0.50000     0.165206    0.228153     0.154342
 0.000564    0.003499    0.780227
 0.75000     0.165206    0.253713     0.154342
 0.000564    0.147828    0.732573
 1.00000     0.165206    0.272917     0.154342
 0.000564    0.293157    0.662940

COMB DB-G1-1 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.292868   -0.564324    -0.172457
-0.001001    -0.307183   -3.776504
 0.25000    -0.292868   -0.544380    -0.172457
-0.001001    -0.157109   -3.823417
 0.50000    -0.292868   -0.516248    -0.172457
-0.001001    -0.010454   -3.903395
 0.75000    -0.292868   -0.488851    -0.172457
-0.001001    -0.134485   -3.998407
 1.00000    -0.292868   -0.463408    -0.172457
-0.001001    -0.271805   -4.095956

COMB DB-G1-2 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.599547   18.089599     0.296196
 0.000745    0.483311   17.070582
 0.25000     0.599547   38.910693     0.296196
 0.000745    0.246174   53.236172
 0.50000     0.599547   67.095693     0.296196
 0.000745    0.040319   69.550050
 0.75000     0.599547   90.918966     0.296196
 0.000745    0.227611   56.795257
 1.00000     0.599547  108.815609     0.296196
 0.000745    0.466847   16.517144

COMB DB-G1-2 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.356120  -106.217001    -0.275449
-0.001237    -0.492035   -53.805017
 0.25000    -0.356120   -87.629733    -0.275449
-0.001237    -0.252335   -29.377219
 0.50000    -0.356120   -61.410753    -0.275449
-0.001237    -0.061283   -35.105312
 0.75000    -0.356120   -35.876386    -0.275449
-0.001237    -0.296457   -40.850813
 1.00000    -0.356120   -12.163859    -0.275449
-0.001237    -0.554229   -75.499852

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.532161   12.356523     0.386140
 0.001059    0.640386   12.486050
 0.25000     0.532161   26.531399     0.386140
 0.001059    0.318300   37.054490
 0.50000     0.532161   45.719577     0.386140
 0.001059    0.030920   48.101632
 0.75000     0.532161   61.937705     0.386140
 0.001059    0.292815   39.277318
 1.00000     0.532161   74.122245     0.386140
 0.001059    0.601440   12.074742

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.344027   -72.982468    -0.354655
-0.001081    -0.633162   -40.744783
 0.25000    -0.344027   -60.328368    -0.354655
-0.001081    -0.324528   -24.079551
 0.50000    -0.344027   -42.478644    -0.354655
-0.001081    -0.053355   -27.941503
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4165

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
     T          M2          M3
 0.75000    -0.344027   -25.095001    -0.354655
-0.001081    -0.372128   -31.815748
 1.00000    -0.344027    -8.951654    -0.354655
-0.001081    -0.708199   -55.365724

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
     T          M2          M3
 0.00000     0.499552   10.518932     0.423971
 0.001256    0.376590   10.670958
 0.25000     0.499552   22.281062     0.423971
 0.001256    0.349271   31.130736
 0.50000     0.499552   38.203168     0.423971
 0.001256    0.028476   40.265110
 0.75000     0.499552   51.660764     0.423971
 0.001256    0.330419   32.910432
 1.00000     0.499552   61.771340     0.423971
 0.001256    0.672869   10.318091

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
     T          M2          M3
 0.00000    -0.500043   -60.721707    -0.393513
-0.001100    -0.697000   -35.193655
 0.25000    -0.500043   -50.221496    -0.393513
-0.001100    -0.354536   -21.395713
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0.50000	-0.500043	-35.410023	-0.393513
-0.001100	-0.049160	-24.632829	
0.75000	-0.500043	-20.985297	-0.393513
-0.001100	-0.403950	-27.883863	
1.00000	-0.500043	-7.589755	-0.393513
-0.001100	-0.772941	-47.466343	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.466844	15.119622	0.172318
0.000248	0.271380	13.781481	
0.25000	0.466844	32.545001	0.172318
0.000248	0.138704	44.086500	
0.50000	0.466844	56.133305	0.172318
0.000248	0.031536	57.768144	
0.75000	0.466844	76.070484	0.172318
0.000248	0.095214	47.205615	
1.00000	0.466844	91.049115	0.172318
0.000248	0.196561	13.691111	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077621	-88.793245	-0.116454
-0.000114	-0.208826	-42.832640	
0.25000	-0.077621	-73.237378	-0.116454
-0.000114	-0.107479	-22.283487	
0.50000	-0.077621	-51.294454	-0.116454
-0.000114	-0.045075	-26.973303	
0.75000	-0.077621	-29.324491	-0.116454
-0.000114	-0.183908	-31.681076	
1.00000	-0.077621	-10.079243	-0.116454
-0.000114	-0.333875	-60.582425	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.436938	14.286257	0.304062
0.000707	0.494199	13.586159	
0.25000	0.436938	30.505263	0.304062
0.000707	0.245675	41.617634	
0.50000	0.436938	52.460532	0.304062
0.000707	0.032477	54.306296	
0.75000	0.436938	71.017444	0.304062
0.000707	0.194533	44.255815	
1.00000	0.436938	84.959093	0.304062
0.000707	0.399430	13.019179	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256403	-82.895311	-0.235434
-0.000111	-0.420138	-42.484983	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4166

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.256403	-68.416388	-0.235434
-0.000111	-0.215247	-23.373267	
0.50000	-0.256403	-47.992590	-0.235434
-0.000111	-0.050091	-27.749109	
0.75000	-0.256403	-28.102086	-0.235434
-0.000111	-0.304677	-32.139727	
1.00000	-0.256403	-9.630739	-0.235434
-0.000111	-0.569296	-59.046312	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.553794	10.266311	0.375929
0.001062	0.617591	10.520820	
0.25000	0.553794	21.746955	0.375929
0.001062	0.301846	30.280764	
0.50000	0.553794	37.288019	0.375929
0.001062	0.026183	39.206208	
0.75000	0.553794	50.423552	0.375929
0.001062	0.278446	32.099983	
1.00000	0.553794	60.292166	0.375929
0.001062	0.571882	10.553974	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.352134	-59.699854	-0.337172
-0.000853	-0.641846	-34.410011	
0.25000	-0.352134	-49.450930	-0.337172
-0.000853	-0.308418	-20.842737	
0.50000	-0.352134	-34.993920	-0.337172
-0.000853	-0.047170	-23.904351	
0.75000	-0.352134	-20.914402	-0.337172
-0.000853	-0.367449	-26.981705	
1.00000	-0.352134	-7.839436	-0.337172
-0.000853	-0.694612	-46.001436	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.532481	8.680515	0.419130
0.001229	0.694275	9.182454	
0.25000	0.532481	18.297984	0.419130
0.001229	0.339080	25.725451	
0.50000	0.532481	31.316913	0.419130
0.001229	0.024907	33.171089	
0.75000	0.532481	42.320702	0.419130
0.001229	0.318654	27.186101	
1.00000	0.532481	50.587755	0.419130
0.001229	0.662909	9.092279	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.353402	-50.106405	-0.386035
-0.000954	-0.680899	-29.959778	
0.25000	-0.353402	-41.520763	-0.386035
-0.000954	-0.344951	-18.624515	
0.50000	-0.353402	-29.409957	-0.386035
-0.000954	-0.084858	-21.223350	
0.75000	-0.353402	-17.615381	-0.386035
-0.000954	-0.402979	-23.834306	
1.00000	-0.353402	-6.662330	-0.386035
-0.000954	-0.767738	-39.805032	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131690	0.156407	0.165467
0.000524	0.281301	0.633030	
0.25000	0.131690	0.178748	0.165467
0.000524	0.137330	0.607214	
0.50000	0.131690	0.208989	0.165467
0.000524	0.004742	0.575545	
0.75000	0.131690	0.234550	0.165467
0.000524	0.149844	0.513726	
1.00000	0.131690	0.253753	0.165467
0.000524	0.294973	0.429129	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4167

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096670	-0.312217	-0.166737
-0.000405	-0.285454	-1.715038	
0.25000	-0.096670	-0.292274	-0.166737
-0.000405	-0.140347	-1.728633	
0.50000	-0.096670	-0.264142	-0.166737
-0.000405	-0.006652	-1.777372	
0.75000	-0.096670	-0.236744	-0.166737
-0.000405	-0.150712	-1.828913	
1.00000	-0.096670	-0.211302	-0.166737
-0.000405	-0.294714	-1.914854	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.195105	1.193539	0.285534
0.000978	0.483098	1.864711	
0.25000	0.195105	1.863742	0.285534
0.000978	0.235267	2.687740	
0.50000	0.195105	2.770985	0.285534
0.000978	0.008830	3.129242	
0.75000	0.195105	3.537799	0.285534
0.000978	0.243638	2.631458	
1.00000	0.195105	4.113901	0.285534
0.000978	0.484539	1.285420	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.408677	-3.870671	-0.276773
-0.000574	-0.478937	-5.061428	
0.25000	-0.408677	-3.272368	-0.276773
-0.000574	-0.238066	-4.342929	
0.50000	-0.408677	-2.428409	-0.276773
-0.000574	0.014304	-4.599639	
0.75000	-0.408677	-1.606486	-0.276773
-0.000574	-0.262586	-4.861318	
1.00000	-0.408677	-0.843209	-0.276773
-0.000574	-0.511081	-6.062005	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.325501	1.320158	0.385618
0.001180	0.650017	2.476727	
0.25000	0.325501	2.385787	0.385618
0.001180	0.315481	4.107251	
0.50000	0.325501	3.828301	0.385618
0.001180	0.010666	4.829615	
0.75000	0.325501	5.047537	0.385618
0.001180	0.302104	4.058764	
1.00000	0.325501	5.963538	0.385618
0.001180	0.606633	2.270106	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.278086	-6.422206	-0.349890
-0.000478	-0.611371	-8.535035	
0.25000	-0.278086	-5.470905	-0.349890
-0.000478	-0.306866	-7.258345	
0.50000	-0.278086	-4.129011	-0.349890
-0.000478	-0.021666	-7.529985	
0.75000	-0.278086	-2.822156	-0.349890
-0.000478	-0.357092	-7.809146	
1.00000	-0.278086	-1.608542	-0.349890
-0.000478	-0.692687	-9.576069	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.623714	10.211471	0.432978
0.001210	0.717478	10.454231	
0.25000	0.623714	21.571478	0.432978
0.001210	0.351953	30.020413	
0.50000	0.623714	36.949238	0.432978
0.001210	0.028116	38.839364	
0.75000	0.623714	49.946745	0.432978
0.001210	0.329128	31.889076	
1.00000	0.623714	59.711620	0.432978
0.001210	0.665040	10.345405	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4168

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.311450	-58.856061	-0.385957
-0.000813	-0.678514	-33.403506	
0.25000	-0.311450	-48.714832	-0.385957
-0.000813	-0.342627	-20.009054	
0.50000	-0.311450	-34.469734	-0.385957
-0.000813	-0.046532	-23.073104	
0.75000	-0.311450	-20.478162	-0.385957
-0.000813	-0.416475	-26.153578	
1.00000	-0.311450	-7.540586	-0.385957
-0.000813	-0.793286	-45.012735	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217081	0.294850	0.277935
0.000564	0.471151	1.136259	
0.25000	0.217081	0.298509	0.277935
0.000564	0.229318	1.059734	
0.50000	0.217081	0.316383	0.277935
0.000564	0.004849	0.991012	
0.75000	0.217081	0.335899	0.277935
0.000564	0.336581	0.944293	
1.00000	0.217081	0.353430	0.277935
0.000564	0.675708	0.938171	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709565	-0.549193	-0.391340
-0.001049	-0.707428	-8.049447	
0.25000	-0.709565	-0.533010	-0.391340
-0.001049	-0.346767	-7.875939	
0.50000	-0.709565	-0.513837	-0.391340
-0.001049	-0.020205	-7.738674	
0.75000	-0.709565	-0.495363	-0.391340
-0.001049	-0.253108	-7.634569	
1.00000	-0.709565	-0.486236	-0.391340
-0.001049	-0.494829	-7.576991	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.835572	20.661979	0.510188
0.000733	0.840737	13.702523	
0.25000	0.835572	26.486147	0.510188
0.000733	0.421560	36.414383	
0.50000	0.835572	54.942023	0.510188
0.000733	0.040491	52.247880	
0.75000	0.835572	86.011382	0.510188
0.000733	0.472059	39.044266	
1.00000	0.835572	113.921769	0.510188
0.000733	0.951086	13.240752	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.779643	-113.610506	-0.553845
-0.001242	-0.979108	-62.555406	
0.25000	-0.779643	-87.846952	-0.553845
-0.001242	-0.497338	-33.726289	
0.50000	-0.779643	-57.323982	-0.553845
-0.001242	-0.071020	-38.676069	
0.75000	-0.779643	-27.912687	-0.553845
-0.001242	-0.493547	-43.809402	
1.00000	-0.779643	-13.382514	-0.553845
-0.001242	-0.935576	-72.831080	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.819687	14.783006	0.665702
0.000994	1.109425	10.859795	
0.25000	0.819687	18.918458	0.665702
0.000994	0.548022	26.907645	
0.50000	0.819687	39.123560	0.665702
0.000994	0.033254	38.083872	
0.75000	0.819687	61.184366	0.665702
0.000994	0.616186	28.673665	
1.00000	0.819687	81.002143	0.665702
0.000994	1.244653	10.508221	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4169

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.751445	-81.423899	-0.724022
-0.001099	-1.275662	-53.264371	
0.25000	-0.751445	-63.130481	-0.724022
-0.001099	-0.645336	-32.310876	
0.50000	-0.751445	-41.457638	-0.724022
-0.001099	-0.071909	-35.369428	
0.75000	-0.751445	-20.574141	-0.724022
-0.001099	-0.630899	-38.608231	
1.00000	-0.751445	-10.256988	-0.724022
-0.001099	-1.208473	-58.845185	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.770307	12.534311	0.754888
0.001171	1.264801	9.651905	
0.25000	0.770307	15.966802	0.754888
0.001171	0.622677	22.851417	
0.50000	0.770307	32.737358	0.754888
0.001171	0.031171	32.060087	
0.75000	0.770307	51.048179	0.754888
0.001171	0.716580	24.211054	
1.00000	0.770307	67.497249	0.754888
0.001171	1.442788	9.108333	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.849462	-67.774546	-0.835523
-0.001085	-1.465022	-46.856705	
0.25000	-0.849462	-52.590718	-0.835523
-0.001085	-0.737337	-29.406291	
0.50000	-0.849462	-34.601914	-0.835523
-0.001085	-0.069102	-31.909170	
0.75000	-0.849462	-17.258279	-0.835523
-0.001085	-0.707962	-34.587072	
1.00000	-0.849462	-8.704877	-0.835523
-0.001085	-1.363495	-51.409934	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.704013	14.442431	0.250252
0.000199	0.405609	9.212038	
0.25000	0.704013	18.525202	0.250252
0.000199	0.205256	25.131145	
0.50000	0.704013	38.477214	0.250252
0.000199	0.026062	36.263658	
0.75000	0.704013	60.252691	0.250252
0.000199	0.149815	27.232263	
1.00000	0.704013	79.818012	0.250252
0.000199	0.303414	9.284343	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114813	-79.855636	-0.178223
-0.000109	-0.318157	-41.387964	
0.25000	-0.114813	-61.795256	-0.178223
-0.000109	0.163234	-20.977294	
0.50000	-0.114813	-40.398500	-0.178223
-0.000109	-0.042421	-24.275356	
0.75000	-0.114813	-19.781035	-0.178223
-0.000109	-0.250483	-27.720937	
1.00000	-0.114813	-9.595310	-0.178223
-0.000109	-0.466812	-47.910080	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.677106	13.967343	0.488447
0.000595	0.401508	24.762331	
0.25000	0.677106	17.863536	0.488447
0.000595	0.401508	24.762331	
0.50000	0.677106	36.899659	0.488447
0.000595	0.029034	35.301081	
0.75000	0.677106	57.684123	0.488447
0.000595	0.392969	26.492080	
1.00000	0.677106	76.355331	0.488447
0.000595	0.793983	9.311503	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4170

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.305112	-76.475353	-0.461776
-9.44E-05	-0.812638	-44.967728	
0.25000	-0.305112	-59.240313	-0.461776
-9.44E-05	-0.410464	-25.302501	
0.50000	-0.305112	-38.821366	-0.461776
-9.44E-05	-0.055605	-28.263805	
0.75000	-0.305112	-19.146097	-0.461776
-9.44E-05	-0.469545	-31.397399	
1.00000	-0.305112	-9.425849	-0.461776
-9.44E-05	-0.893055	-50.574346	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.847024	9.336271	0.652627
0.000975	1.091313	7.661175	
0.25000	0.847024	11.868248	0.652627
0.000975	0.545817	17.527149	
0.50000	0.847024	24.239046	0.652627
0.000975	0.023757	24.100225	
0.75000	0.847024	37.746021	0.652627
0.000975	0.573903	18.656719	
1.00000	0.847024	49.879676	0.652627
0.000975	1.161226	7.919145	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.547781	-50.921275	-0.675405
-0.000844	-1.188600	-39.998567	
0.25000	-0.547781	-39.270926	-0.675405
-0.000844	-0.600871	-26.620948	
0.50000	-0.547781	-26.451487	-0.675405
-0.000844	-0.060725	-27.993805	
0.75000	-0.547781	-13.665333	-0.675405
-0.000844	-0.614614	-29.592535	
1.00000	-0.547781	-7.348541	-0.675405
-0.000844	-1.180999	-41.673408	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.836235	7.966204	0.765608
0.001142	1.287342	6.938192	
0.25000	0.836235	10.089903	0.765608
0.001142	0.630612	15.010332	
0.50000	0.836235	20.465931	0.765608
0.001142	0.023883	20.645743	
0.75000	0.836235	31.794927	0.765608
0.001142	0.686803	16.024662	
1.00000	0.836235	41.972650	0.765608
0.001142	1.382581	6.965710	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.547795	-42.844656	-0.799574
-0.000923	-1.399180	-35.690191	
0.25000	-0.547795	-33.450175	-0.799574
-0.000923	-0.702672	-24.421170	
0.50000	-0.547795	-22.320411	-0.799574
-0.000923	-0.059337	-25.524783	
0.75000	-0.547795	-11.596004	-0.799574
-0.000923	-0.712986	-26.817747	
1.00000	-0.547795	-6.297784	-0.799574
-0.000923	-1.378347	-36.897473	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294406	0.214494	0.354940
0.000504	0.605711	0.837937	
0.25000	0.294406	0.218152	0.354940
0.000504	0.296667	0.779813	
0.50000	0.294406	0.236026	0.354940
0.000504	0.006392	0.720172	
0.75000	0.294406	0.255542	0.354940
0.000504	0.315830	0.673285	
1.00000	0.294406	0.273074	0.354940
0.000504	0.627527	0.624987	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4171

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116663	-0.348680	-0.357845
-0.000384	-0.617126	-3.257554	
0.25000	-0.116663	-0.332497	-0.357845
-0.000384	-0.305173	-3.111002	
0.50000	-0.116663	-0.313324	-0.357845
-0.000384	-0.012798	-2.995000	
0.75000	-0.116663	-0.294850	-0.357845
-0.000384	-0.320772	-2.891739	
1.00000	-0.116663	-0.285723	-0.357845
-0.000384	-0.629807	-2.819033	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362052	1.040008	0.581347
0.000926	0.988968	1.970165	
0.25000	0.362052	1.160825	0.581347
0.000926	0.483332	2.140798	
0.50000	0.362052	1.750677	0.581347
0.000926	0.011083	2.305514	
0.75000	0.362052	2.394703	0.581347
0.000926	0.552099	1.922399	
1.00000	0.362052	2.973247	0.581347
0.000926	1.101430	1.357718	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.445554	-2.911039	-0.630532
-0.000530	-1.091674	-8.107780	
0.25000	-0.445554	-2.376996	-0.630532
-0.000530	-0.541853	-7.280839	
0.50000	-0.445554	-1.744296	-0.630532
-0.000530	-0.025700	-7.208089	
0.75000	-0.445554	-1.134090	-0.630532
-0.000530	-0.528665	-7.203286	
1.00000	-0.445554	-0.833449	-0.630532
-0.000530	-1.034765	-7.788183	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.629775	0.544490	0.716889
0.001071	1.216719	2.280336	
0.25000	0.629775	0.547782	0.716889
0.001071	0.593111	2.018177	
0.50000	0.629775	0.563869	0.716889
0.001071	0.011911	1.850720	
0.75000	0.629775	0.581433	0.716889
0.001071	0.636725	1.897065	
1.00000	0.629775	0.597212	0.716889
0.001071	1.276130	2.110173	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.360772	-1.413555	-0.734350
-0.000446	-1.276469	-13.255845	
0.25000	-0.360772	-1.398990	-0.734350
-0.000446	-0.636735	-12.038683	
0.50000	-0.360772	-1.381735	-0.734350
-0.000446	-0.037245	-11.774840	
0.75000	-0.360772	-1.365108	-0.734350
-0.000446	-0.656168	-11.195886	
1.00000	-0.360772	-1.356893	-0.734350
-0.000446	-1.279699	-10.737365	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.974299	8.639804	0.791505
0.001123	1.332385	7.310128	
0.25000	0.974299	10.944594	0.791505
0.001123	0.653914	16.038552	
0.50000	0.974299	22.205399	0.791505
0.001123	0.025312	22.168465	
0.75000	0.974299	34.500434	0.791505
0.001123	0.677587	17.189490	
1.00000	0.974299	45.545327	0.791505
0.001123	1.361159	7.336244	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4172

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.452414	-46.388856	-0.786046
-0.000777	-1.373057	-36.061673	
0.25000	-0.452414	-36.193480	-0.786046
-0.000777	-0.688417	-23.871761	
0.50000	-0.452414	-24.114666	-0.786046
-0.000777	-0.058646	-25.112415	
0.75000	-0.452414	-12.475775	-0.786046
-0.000777	-0.736143	-26.552989	
1.00000	-0.452414	-6.725769	-0.786046
-0.000777	-1.423576	-37.556105	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.623714	18.089599	0.432978
0.001256	0.717478	17.070582	
0.25000	0.623714	38.910693	0.432978
0.001256	0.351953	53.236172	
0.50000	0.623714	67.095693	0.432978
0.001256	0.040319	69.550050	
0.75000	0.623714	90.918066	0.432978

```
 0.001256     0.330419     56.795257
 1.00000      0.623714    108.815609      0.432978
 0.001256     0.672869     16.517144

COMB       DB ---------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.500043  -106.217001     -0.393513
-0.001237    -0.697000    -53.805017
0.25000     -0.500043    -87.629733     -0.393513
-0.001237    -0.354536    -29.377219
0.50000     -0.500043    -61.410753     -0.393513
-0.001237    -0.061283    -35.105312
0.75000     -0.500043    -35.876386     -0.393513
-0.001237    -0.416475    -40.850813
1.00000     -0.500043    -12.163859     -0.393513
-0.001237    -0.793286    -75.499852

COMB       DL ---------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.974299     20.661979      0.791505
 0.001171    1.332385     13.702523
0.25000      0.974299     26.486147      0.791505
 0.001171    0.653914     36.414383
0.50000      0.974299     54.942023      0.791505
 0.001171    0.040491     52.247880
0.75000      0.974299     86.011382      0.791505
 0.001171    0.716580     39.044266
1.00000      0.974299    113.921769      0.791505
 0.001171    1.442788     13.240752

COMB       DL ---------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.849462  -113.610506     -0.835523
-0.001242    -1.465022    -62.555406
0.25000     -0.849462    -87.846952     -0.835523
-0.001242    -0.737337    -33.726289
0.50000     -0.849462    -57.323982     -0.835523
-0.001242    -0.071909    -38.673069
0.75000     -0.849462    -27.912687     -0.835523
-0.001242    -0.736143    -43.809402
1.00000     -0.849462    -13.382514     -0.835523
-0.001242    -1.423576    -72.831080

COMB       CAR ---------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.974299     20.661979      0.791505
 0.001256    1.332385     17.070582
0.25000      0.974299     38.910693      0.791505
 0.001256    0.653914     53.236172
0.50000      0.974299     67.095693      0.791505
 0.001256    0.040491     69.550050
0.75000      0.974299     90.918066      0.791505
 0.001256    0.716580     56.795257
1.00000      0.974299    113.921769      0.791505
 0.001256    1.442788     16.517144
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4173

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ---------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.849462  -113.610506     -0.835523
-0.001242    -1.465022    -62.555406
0.25000     -0.849462    -87.846952     -0.835523
-0.001242    -0.737337    -33.726289
0.50000     -0.849462    -61.410753     -0.835523
-0.001242    -0.071909    -38.673069
0.75000     -0.849462    -35.876386     -0.835523
-0.001242    -0.736143    -43.809402
1.00000     -0.849462    -13.382514     -0.835523
-0.001242    -1.423576    -75.499852

COMB      DESIGN -------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.974299     20.661979      0.791505
 0.001256    1.332385     17.070582
0.25000      0.974299     38.910693      0.791505
 0.001256    0.653914     53.236172
0.50000      0.974299     67.095693      0.791505
 0.001256    0.040491     69.550050
0.75000      0.974299     90.918066      0.791505
 0.001256    0.716580     56.795257
1.00000      0.974299    113.921769      0.791505
 0.001256    1.442788     16.517144

COMB      DESIGN -------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.849462  -113.610506     -0.835523
-0.001242    -1.465022    -62.555406
0.25000     -0.849462    -87.846952     -0.835523
-0.001242    -0.737337    -33.726289
0.50000     -0.849462    -61.410753     -0.835523
-0.001242    -0.071909    -38.673069
0.75000     -0.849462    -35.876386     -0.835523
-0.001242    -0.736143    -43.809402
1.00000     -0.849462    -13.382514     -0.835523
-0.001242    -1.423576    -75.499852

ELEM      402 ================== LENGTH
=     4.972903

COMB DB-G1-1 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.136732     0.084718      0.081393
8.40E-06     0.200256    -0.657287
0.25000      0.136732     0.106487      0.081393
8.40E-06     0.098861     0.868037
0.50000      0.136732     0.137790      0.081393
8.40E-06     0.003428     1.463947
0.75000      0.136732     0.168063      0.081393
8.40E-06     0.111628     2.157248
1.00000      0.136732     0.198866      0.081393
8.40E-06     0.220677     2.881762

COMB DB-G1-1 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.160364    -0.877758     -0.087715
-0.001170    -0.215522    -4.071789
0.25000     -0.160364    -0.841807     -0.087715
-0.001170    -0.106470    -3.925018
0.50000     -0.160364    -0.814542     -0.087715
-0.001170    -0.009365    -3.839512
0.75000     -0.160364    -0.782306     -0.087715
-0.001170    -0.103521    -3.755856
1.00000     -0.160364    -0.757502     -0.087715
-0.001170    -0.204726    -3.718289

COMB DB-G1-2 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.383732    11.517860      0.163797
 8.62E-05    0.396310    16.516847
0.25000      0.383732    31.806889      0.163797
 8.62E-05    0.201779    64.274793
0.50000      0.383732    60.981356      0.163797
 8.62E-05    0.045556    92.620969
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4174

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
       T          M2           M3
0.75000      0.383732    89.196157      0.163797
 8.62E-05    0.160005    73.494493
1.00000      0.383732   117.904186      0.163797
 8.62E-05    0.317480    17.427934

COMB DB-G1-2 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.219367  -119.739071     -0.128490
-0.001421    -0.321503   -75.456742
0.25000     -0.219367    -86.232695     -0.128490
-0.001421    -0.161714    -23.046711
0.50000     -0.219367    -60.821176     -0.128490
-0.001421    -0.048245    -27.734333
0.75000     -0.219367    -30.778027     -0.128490
-0.001421    -0.235323    -34.146009
1.00000     -0.219367     -7.660768     -0.128490
-0.001421    -0.437470    -83.512933

COMB DB-G1-3 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.343405     7.866923      0.216202
0.000525     0.524989    12.064817
0.25000      0.343405    21.679572      0.216202
0.000525     0.262401    44.925713
0.50000      0.343405    41.541374      0.216202
0.000525     0.035365    64.852311
0.75000      0.343405    60.749841      0.216202
0.000525     0.189797    52.640925
1.00000      0.343405    80.294094      0.216202
0.000525     0.384654    15.387417

COMB DB-G1-3 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.215505   -82.353907     -0.157922
-0.001260    -0.400687   -55.310101
0.25000     -0.215505    -59.542967     -0.157922
-0.001260    -0.204239    -19.604720
0.50000     -0.215505    -42.242958     -0.157922
-0.001260    -0.042490    -22.771066
0.75000     -0.215505    -21.789763     -0.157922
-0.001260    -0.297028    -27.111537
1.00000     -0.215505     -6.051672     -0.157922
-0.001260    -0.565347    -60.696538

COMB DB-G1-4 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.325887     6.574368      0.238970
0.000866     0.581136    10.324082
0.25000      0.325887    18.035928      0.238970
0.000866     0.289189    37.542758
0.50000      0.325887    34.516998      0.238970
0.000866     0.031408    54.176351
0.75000      0.325887    50.455938      0.238970
0.000866     0.225417    44.293293
1.00000      0.325887    66.673510      0.238970
0.000866     0.452799    13.708959

COMB DB-G1-4 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.307326   -68.612448     -0.183879
-0.001050    -0.461618    -47.405012
0.25000     -0.307326    -49.684222     -0.183879
-0.001050    -0.232949    -17.825926
0.50000     -0.307326    -35.328895     -0.183879
-0.001050    -0.039438    -20.502457
0.75000     -0.307326    -18.357094     -0.183879
-0.001050    -0.323182    -24.153459
1.00000     -0.307326     -5.297828     -0.183879
-0.001050    -0.619883    -52.071378

COMB DB-G2-1 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.259812     9.662065      0.100584
0.000256     0.240941    13.697715
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4175

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2           V3
       T          M2           M3
0.25000      0.259812    26.642154      0.100584
0.000256     0.123537    53.500096
0.50000      0.259812    51.058554      0.100584
0.000256     0.036477    76.861767
0.75000      0.259812    74.671799      0.100584
0.000256     0.051065    60.413105
1.00000      0.259812    98.697831      0.100584
0.000256     0.106133    13.042434

COMB DB-G2-1 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.065414   -99.817493     -0.045797
-5.20E-05    -0.121626   -60.561333
0.25000     -0.065414    -71.775616     -0.045797
-5.20E-05    -0.064614    -16.780227
0.50000     -0.065414    -50.508465     -0.045797
-5.20E-05    -0.034530    -20.784694
0.75000     -0.065414    -25.365056     -0.045797
-5.20E-05    -0.149573    -26.232030
1.00000     -0.065414     -6.017995     -0.045797
-5.20E-05    -0.274622    -67.629030

COMB DB-G2-2 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.242007     8.936907      0.177151
0.000799     0.427515    13.024281
0.25000      0.242007    24.741451      0.177151
0.000799     0.214392    50.237587
0.50000      0.242007    47.467485      0.177151
0.000799     0.036568    72.423768
0.75000      0.242007    69.445961      0.177151
 0.000799    0.112663    57.685801
1.00000      0.242007    91.808659      0.177151
0.000799     0.232902    14.244425

COMB DB-G2-2 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.170558   -93.432249     -0.098091
-4.84E-05    -0.254903    -59.005775
0.25000     -0.170558    -67.331789     -0.098091
-4.84E-05    -0.132887    -18.269009
0.50000     -0.170558    -47.536979     -0.098091
-4.84E-05    -0.038823    -22.010069
0.75000     -0.170558    -24.134268     -0.098091
-4.84E-05    -0.247579    -27.094818
1.00000     -0.170558     -6.126619     -0.098091
-4.84E-05    -0.467814    -65.641600

COMB DB-G2-3 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.322680     6.497193      0.220608
0.000725     0.533659    10.549676
0.25000      0.322680    17.884459      0.220608
0.000725     0.264503    37.170262
0.50000      0.322680    33.771110      0.220608
0.000725     0.031042    53.346968
0.75000      0.322680    49.328606      0.220608
0.000725     0.174308    43.676978
1.00000      0.322680    65.158065      0.220608
0.000725     0.353874    13.921978

COMB DB-G2-3 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.244250   -67.126625     -0.145416
-0.000887    -0.369122    -45.947433
0.25000     -0.244250    -48.651381     -0.145416
-0.000887    -0.190779    -17.052566
0.50000     -0.244250    -34.639601     -0.145416
-0.000887    -0.037487    -19.641480
0.75000     -0.244250    -18.073963     -0.145416
-0.000887    -0.299444    -23.181649
1.00000     -0.244250     -5.327226     -0.145416
-0.000887    -0.573612    -50.408173
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4176

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.323124     5.503461      0.244182
0.001002     0.592423     9.104191
0.25000      0.323124    14.875164      0.244182
 0.001002    0.293118    31.358484
0.50000      0.323124    28.351139      0.244182
 0.001002    0.026133    45.163626
0.75000      0.323124    41.383834      0.244182
 0.001002    0.218500    37.069307
1.00000      0.323124    54.644356      0.244182
 0.001002    0.439200    12.309833

COMB DB-G2-4 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.247586   -56.381652     -0.178328
-0.000739    -0.447484    -39.745482
0.25000     -0.247586    -40.904726     -0.178328
-0.000739    -0.227811    -15.616670
0.50000     -0.247586    -29.166695     -0.178328
-0.000739    -0.035154    -17.862504
0.75000     -0.247586    -15.289667     -0.178328
-0.000739    -0.326986    -20.905210
1.00000     -0.247586     -4.611578     -0.178328
-0.000739    -0.630469    -43.790243

COMB DB-G3-1 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.096131     0.136918      0.093796
0.000594     0.229793     0.453718
0.25000      0.096131     0.158667      0.093796
0.000594     0.113234     0.448693
0.50000      0.096131     0.189990      0.093796
0.000594     0.003451     0.651505
0.75000      0.096131     0.220263      0.093796
0.000594     0.115714     0.845697
1.00000      0.096131     0.251066      0.093796
0.000594     0.227817     1.026338

COMB DB-G3-1 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.105994    -0.355176     -0.090164
-4.69E-07    -0.220579     -1.893185
0.25000     -0.105994    -0.319225     -0.090164
-4.69E-07    -0.108582     -1.975296
0.50000     -0.105994    -0.291960     -0.090164
-4.69E-07    -0.005726     -2.119822
0.75000     -0.105994    -0.259724     -0.090164
-4.69E-07    -0.120069     -2.266802
1.00000     -0.105994    -0.232620     -0.090164
-4.69E-07    -0.236664     -2.461522

COMB DB-G3-2 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.134426     0.534196      0.163465
0.001114     0.399454     1.319993
0.25000      0.134426     1.187277      0.163465
0.001114     0.196544     2.718282
0.50000      0.134426     2.126369      0.163465
0.001114     0.006831     3.964095
0.75000      0.134426     3.034571      0.163465
0.001114     0.184637     3.918017
1.00000      0.134426     3.958649      0.163465
0.001114     0.363424     2.844713

COMB DB-G3-2 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.295677    -4.490242     -0.143871
-2.39E-06    -0.353401     -6.022519
0.25000     -0.295677    -3.411711     -0.143871
-2.39E-06    -0.174963     -4.506688
0.50000     -0.295677    -2.593744     -0.143871
-2.39E-06    -0.071998     -4.830675
0.75000     -0.295677     -1.626689     -0.143871
-2.39E-06    -0.210857     -5.211498
1.00000     -0.295677     -0.882572     -0.143871
-2.39E-06    -0.414045     -6.976849
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4177

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.206247     0.781455      0.221183
0.001340     0.539559     2.293733
0.25000      0.206247     1.819852      0.221183
0.001340     0.265085     4.906752
0.50000      0.206247     3.313009      0.221183
0.001340     0.010475     7.082797
0.75000      0.206247     4.757050      0.221183
0.001340     0.204673     7.128498
1.00000      0.206247     6.226334      0.221183
0.001340     0.413394     5.485684

COMB DB-G3-3 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.223866    -7.256873     -0.167913
-3.52E-06    -0.421621     -9.524124
0.25000     -0.223866    -5.542008     -0.167913
-3.52E-06    -0.212802     -6.990851
0.50000     -0.223866    -4.241440     -0.167913
-3.52E-06    -0.017855     -7.381013
0.75000     -0.223866    -2.709824     -0.167913
-3.52E-06    -0.226458     -7.860838
1.00000     -0.223866     -1.520676     -0.167913
-3.52E-06    -0.561393    -10.541107

COMB DB-G3-4 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.372881     6.511448      0.250535
0.001109     0.608212    10.368840
0.25000      0.372881    17.581159      0.250535
 0.001109    0.301781    36.467962
0.50000      0.372881    33.498774      0.250535
 0.001109    0.031599    52.356617
0.75000      0.372881    48.892794      0.250535
 0.001109    0.219784    42.590414
1.00000      0.372881    64.555919      0.250535
 0.001109    0.441404    12.868250

COMB DB-G3-4 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.255752   -66.165285     -0.179206
-0.000487    -0.451778    -44.953926
0.25000     -0.255752    -47.884178     -0.179206
-0.000487    -0.230487     -16.506109
0.50000     -0.255752    -34.019631     -0.179206
-0.000487    -0.036971     -19.211773
0.75000     -0.255752    -17.628063     -0.179206
-0.000487    -0.336378    -22.859283
1.00000     -0.255752     -5.015267     -0.179206
-0.000487    -0.647816    -49.944877

COMB DL-G1-1 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.178481     0.099048      0.153311
6.65E-06     0.374811     0.912976
0.25000      0.178481     0.105852      0.153311
6.65E-06     0.184684     1.071322
0.50000      0.178481     0.124911      0.153311
6.65E-06     0.005380     1.366510
0.75000      0.178481     0.146211      0.153311
6.65E-06     0.226564     1.774732
1.00000      0.178481     0.165076      0.153311
6.65E-06     0.458868     2.304077

COMB DL-G1-1 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.440357    -0.972472     -0.186823
-0.001239    -0.470135     -7.545999
0.25000     -0.440357    -0.955039     -0.186823
-0.001239    -0.237818     -6.733186
0.50000     -0.440357    -0.934062     -0.186823
-0.001239    -0.017213     -6.074411
0.75000     -0.440357    -0.914314     -0.186823
-0.001239    -0.195696     -5.525419
1.00000     -0.440357    -0.903162     -0.186823
-0.001239    -0.385878     -5.106073
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4178

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.548420    12.746353      0.283432
 5.82E-05    0.682096    13.210257
0.25000      0.548420    23.578365      0.283432
 5.82E-05    0.350204    47.846497
0.50000      0.548420    53.921130      0.283432
 5.82E-05    0.049410    73.209896
0.75000      0.548420    87.829553      0.283432
 5.82E-05    0.323562    53.611116
1.00000      0.548420   117.862369      0.283432
 5.82E-05    0.627482    13.943486

COMB DL-G1-2 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.516733   -118.849560     -0.256678
-0.001455    -0.652414    -72.789399
0.25000     -0.516733    -91.096141     -0.256678
-0.001455    -0.333315    -25.373159
0.50000     -0.516733    -67.702921     -0.256678
-0.001455    -0.057280    -29.399641
0.75000     -0.516733    -26.262132     -0.256678
-0.001455    -0.384415    -34.676229
1.00000     -0.516733     -8.507826     -0.256678
-0.001455    -0.734434    -77.687419

COMB DL-G1-3 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.531211     9.113461      0.371723
0.000429     0.901552    10.493075
0.25000      0.531211    16.804733      0.371723
 0.000429    0.455028    35.216319
0.50000      0.531211    38.349621      0.371723
 0.000429    0.040826    53.526522
0.75000      0.531211    62.426519      0.371723
 0.000429    0.406691    40.074802
1.00000      0.531211    83.751114      0.371723
 0.000429    0.810050    12.499186

COMB DL-G1-3 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.513773    -85.276302     -0.332790
-0.001298    -0.645652    -58.187109
0.25000     -0.513773    -65.569981     -0.332790
-0.001298    -0.431764    -24.451055
0.50000     -0.513773    -41.857696     -0.332790
-0.001298    -0.058088    -26.739281
0.75000     -0.513773    -19.534576     -0.332790
-0.001298    -0.492951    -30.025351
1.00000     -0.513773     -6.928127     -0.332790
-0.001298    -0.952525    -60.211554

COMB DL-G1-4 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.512421     7.654540      0.421542
0.000775     1.024873     9.114994
0.25000      0.512421    14.038419      0.421542
0.000775     0.513689    29.603325
0.50000      0.512421    31.921020      0.421542
0.000775     0.036482    44.864718
0.75000      0.512421    51.905228      0.421542
0.000775     0.478918    33.836389
1.00000      0.512421    69.604981      0.421542
0.000775     0.957216    11.218304

COMB DL-G1-4 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.579329    -71.089992     -0.391285
-0.001082    -0.988395     -51.406132
0.25000     -0.579329    -54.733431     -0.391285
-0.001082    -0.501369     -22.632884
0.50000     -0.579329    -35.051857     -0.391285
-0.001082    -0.056076     -24.380043
0.75000     -0.579329    -16.523313     -0.391285
-0.001082    -0.554030     -27.027884
1.00000     -0.579329     -6.059759     -0.391285
-0.001082    -1.075991     -52.048568
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4179

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.407671     9.011496      0.141252
0.000208     0.337059     9.285368
0.25000      0.407671    16.604791      0.141252
 0.000208    0.175855    33.390825
0.50000      0.407671    37.875222      0.141252
 0.000208    0.032838    50.989173
0.75000      0.407671    61.645406      0.141252
 0.000208    0.098624    37.149079
1.00000      0.407671    82.698351      0.141252
 0.000208    0.183007     9.204761

COMB DL-G2-1 ------------------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.096266    -83.047176     -0.076428
-4.73E-05    -0.199420     -47.910039
0.25000     -0.096266    -63.591890     -0.076428
-4.73E-05    -0.104562     -15.002853
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0.50000    -0.096266   -40.181673    -0.076428
-4.73E-05   -0.033245   -18.129562
0.75000    -0.096266   -18.142924    -0.076428
-4.73E-05   -0.196874   -22.080642
1.00000    -0.096266    -5.697066    -0.076428
-4.73E-05   -0.370918   -52.447234

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.394259    8.559504    0.275811
0.000700    0.667018    9.327796
0.25000     0.394259   15.805793    0.275811
 0.000700    0.338426   32.489719
0.50000     0.394259   36.104188    0.275811
 0.000700    0.035126   49.543446
0.75000     0.394259   58.788101    0.275811
 0.000700    0.256192   36.640797
1.00000     0.394259   78.878949    0.275811
 0.000700    0.505867   10.354444

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.220159   -79.803485    -0.208789
-4.51E-05   -0.532458   -50.588339
0.25000    -0.220159   -61.237284    -0.208789
-4.51E-05   -0.272743   -18.669042
0.50000    -0.220159   -38.896889    -0.208789
-4.51E-05   -0.044393   -21.559316
0.75000    -0.220159   -17.852287    -0.208789
-4.51E-05   -0.370505   -24.754129
1.00000    -0.220159    -5.988192    -0.208789
-4.51E-05   -0.711080   -53.531999

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.523856    5.802353    0.367140
0.000637    0.892982    7.918450
0.25000     0.523856   10.511420    0.367140
 0.000637    0.446323   22.853318
0.50000     0.523856   23.702518    0.367140
 0.000637    0.029567   34.098696
0.75000     0.523856   38.443867    0.367140
 0.000637    0.372485   26.326576
1.00000     0.523856   51.500088    0.367140
 0.000637    0.749267   10.031230

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.398455   -53.029887    -0.308072
-0.000897   -0.782380   -41.662179
0.25000    -0.398455   -40.964472    -0.308072
-0.000897   -0.399820   -20.124209
0.50000    -0.398455   -26.446361    -0.308072
-0.000897   -0.048845   -21.188987
0.75000    -0.398455   -12.778782    -0.308072
-0.000897   -0.482291   -22.949288
1.00000    -0.398455    -5.060343    -0.308072
-0.000897   -0.936629   -41.097635
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4180

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.541459    4.982150    0.428722
0.000919    1.045044    6.988382
0.25000     0.541459    8.931888    0.428722
0.000919    0.520127   19.509828
0.50000     0.541459   19.995943    0.428722
 0.000919    0.027529   29.020446
0.75000     0.541459   32.360273    0.428722
 0.000919    0.454644   22.612802
1.00000     0.541459   43.311200    0.428722
 0.000919    0.914828    9.079274

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.419103   -44.676799    -0.373966
-0.000747   -0.943163   -36.906873
0.25000    -0.419103   -34.556913    -0.373966
-0.000747   -0.478199   -18.776107
0.50000    -0.419103   -22.379824    -0.373966
-0.000747   -0.048266   -19.643643
0.75000    -0.419103   -10.916120    -0.373966
-0.000747   -0.559016   -21.126739
1.00000    -0.419103    -4.442266    -0.373966
-0.000747   -1.090265   -36.385374

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.217874    0.237116    0.195454
0.000583    0.479190    0.656946
0.25000     0.217874    0.243920    0.195454
0.000583    0.236464    0.662726
0.50000     0.217874    0.262979    0.195454
0.000583    0.004470    0.769181
0.75000     0.217874    0.284279    0.195454
0.000583    0.218890    0.895117
1.00000     0.217874    0.303143    0.195454
0.000583    0.440922    1.048044

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.131909   -0.361550    -0.177653
-2.93E-07   -0.846028   -2.786686
0.25000    -0.131909   -0.344117    -0.177653
-2.93E-07   -0.219469   -2.786827
0.50000    -0.131909   -0.323140    -0.177653
-2.93E-07   -0.011278   -2.810586
0.75000    -0.131909   -0.303392    -0.177653
-2.93E-07   -0.249673   -2.881946
1.00000    -0.131909   -0.292240    -0.177653
-2.93E-07   -0.492453   -3.018398

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.271019    0.577451    0.322929
0.001112    0.790595    1.405760
0.25000     0.271019    0.801994    0.322929
0.001112    0.389301    2.089542
0.50000     0.271019    1.430958    0.322929
0.001112    0.008344    2.781721
0.75000     0.271019    2.133840    0.322929
0.001112    0.379431    2.782884
1.00000     0.271019    2.756373    0.322929
0.001112    0.764628    2.472876

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.344326   -3.207592    -0.308639
-1.64E-06   -0.768726   -7.825816
0.25000    -0.344326   -2.632301    -0.308639
-1.64E-06   -0.383785   -6.423711
0.50000    -0.344326   -1.940063    -0.308639
-1.64E-06   -0.022143   -6.273975
0.75000    -0.344326   -1.288380    -0.308639
-1.64E-06   -0.413860   -6.301477
1.00000    -0.344326   -0.920357    -0.308639
-1.64E-06   -0.815135   -7.213239
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4181

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.414262    0.386048    0.399860
0.001248    0.979368    2.160387
0.25000     0.414262    0.392172    0.399860
0.001248    0.482530    2.156081
0.50000     0.414262    2.409325    0.399860
0.001248    0.010972    2.502065
0.75000     0.414262    0.428495    0.399860
0.001248    0.421872    3.227674
1.00000     0.414262    0.445473    0.399860
0.001248    0.858343    4.130620

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.301131   -1.421323    -0.349744
-2.74E-06   -0.877635   -10.784518
0.25000    -0.301131   -1.405633    -0.349744
-2.74E-06   -0.441656   -9.880913
0.50000    -0.301131   -1.386754    -0.349744
-2.74E-06   -0.031154   -9.267173
0.75000    -0.301131   -1.368980    -0.349744
-2.74E-06   -0.512862   -8.853241
1.00000    -0.301131   -1.358943    -0.349744
-2.74E-06   -1.009703   -8.632533

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.622673    5.462772    0.441652
0.001035    1.076837    7.368557
0.25000     0.622673    9.749265    0.441652
0.001035    0.536160   20.915513
0.50000     0.622673   21.756767    0.441652
 0.001035    0.028702   31.121052
0.75000     0.622673   35.175420    0.441652
 0.001035    0.450333   24.011070
1.00000     0.622673   47.060146    0.441652
 0.001035    0.904645    9.131090

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.376154   -48.207362    -0.369177
-0.000471   -0.930616   -37.578352
0.25000    -0.376154   -37.224540    -0.369177
-0.000471   -0.471414   -18.172211
0.50000    -0.376154   -24.009094    -0.369177
-0.000471   -0.047776   -19.345306
0.75000    -0.376154   -11.567010    -0.369177
-0.000471   -0.575594   -21.156203
1.00000    -0.376154    -4.541978    -0.369177
-0.000471   -1.122984   -38.029060

COMB     DB ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.383732   11.517860    0.250535
 0.001340    0.608212   16.516847
0.25000     0.383732   31.806889    0.250535
 0.001340    0.301781   64.274793
0.50000     0.383732   60.981356    0.250535
 0.001340    0.045556   92.620969
0.75000     0.383732   89.196157    0.250535
 0.001340    0.225417   73.494493
1.00000     0.383732  117.904186    0.250535
 0.001340    0.452799   17.427934

COMB     DB ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.307326  -119.739071    -0.183879
-0.001421   -0.461618   -75.456742
0.25000    -0.307326   -86.232695    -0.183879
-0.001421   -0.272949   -23.046711
0.50000    -0.307326   -60.821176    -0.183879
-0.001421   -0.048245   -27.734333
0.75000    -0.307326   -30.778027    -0.183879
-0.001421   -0.336378   -34.146009
1.00000    -0.307326    -7.660768    -0.183879
-0.001421   -0.647816   -83.512933
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4182

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.622673   12.746353    0.441652
 0.001248    1.076837   13.210257
0.25000     0.622673   23.578365    0.441652
 0.001248    0.536160   47.846497
0.50000     0.622673   53.921130    0.441652
 0.001248    0.049410   73.209896
0.75000     0.622673   87.829853    0.441652
 0.001248    0.478918   53.611116
1.00000     0.622673  117.862369    0.441652
 0.001248    0.957216   13.943486

COMB     DL ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.579329  -118.849560    -0.391285
-0.001455   -0.988395   -72.789399
0.25000    -0.579329   -91.096141    -0.391285
-0.001455   -0.501369   -25.373159
0.50000    -0.579329   -57.760921    -0.391285
-0.001455   -0.058088   -29.399641
0.75000    -0.579329   -26.262132    -0.391285
-0.001455   -0.575594   -34.676229
1.00000    -0.579329    -8.507826    -0.391285
-0.001455   -1.122984   -77.687419

COMB     CAR ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.622673   12.746353    0.441652
 0.001340    1.076837   16.516847
0.25000     0.622673   31.806889    0.441652
 0.001340    0.536160   64.274793
0.50000     0.622673   60.981356    0.441652
 0.001340    0.049410   92.620969
0.75000     0.622673   89.196157    0.441652
 0.001340    0.478918   73.494493
1.00000     0.622673  117.904186    0.441652
 0.001340    0.957216   17.427934

COMB     CAR ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.579329  -119.739071    -0.391285
-0.001455   -0.988395   -75.456742
0.25000    -0.579329   -91.096141    -0.391285
-0.001455   -0.501369   -25.373159
0.50000    -0.579329   -60.821176    -0.391285
-0.001455   -0.058088   -29.399641
0.75000    -0.579329   -30.778027    -0.391285
-0.001455   -0.575594   -34.676229
1.00000    -0.579329    -8.507826    -0.391285
-0.001455   -1.122984   -83.512933

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.622673   12.746353    0.441652
 0.001340    1.076837   16.516847
0.25000     0.622673   31.806889    0.441652
 0.001340    0.536160   64.274793
0.50000     0.622673   60.981356    0.441652
 0.001340    0.049410   92.620969
0.75000     0.622673   89.196157    0.441652
 0.001340    0.478918   73.494493
1.00000     0.622673  117.904186    0.441652
 0.001340    0.957216   17.427934

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.579329  -119.739071    -0.391285
-0.001455   -0.988395   -75.456742
0.25000    -0.579329   -91.096141    -0.391285
-0.001455   -0.501369   -25.373159
0.50000    -0.579329   -60.821176    -0.391285
-0.001455   -0.058088   -29.399641
0.75000    -0.579329   -30.778027    -0.391285
-0.001455   -0.575594   -34.676229
1.00000    -0.579329    -8.507826    -0.391285
-0.001455   -1.122984   -83.512933
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4183

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    403 ================ LENGTH
=    4.972164

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.115331    0.102502    0.084302
6.48E-06    0.209521    2.863371
0.25000     0.115331    0.126169    0.084302
6.48E-06    0.104726    3.165437
0.50000     0.115331    0.157564    0.084302
6.48E-06    0.011605    3.592602
0.75000     0.115331    0.187138    0.084302
6.48E-06    0.113112    4.128418
1.00000     0.115331    0.218320    0.084302
6.48E-06    0.226153    4.698462

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.104225   -0.772702    -0.090950
-0.001170   -0.226067   -3.704119
0.25000    -0.104225   -0.741138    -0.090950
-0.001170   -0.113019   -3.474418
0.50000    -0.104225   -0.711614    -0.090950
-0.001170   -0.010157   -3.299291
0.75000    -0.104225   -0.683155    -0.090950
-0.001170   -0.104878   -3.124864
1.00000    -0.104225   -0.656206    -0.090950
-0.001170   -0.209680   -3.003637

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.210664   10.909148    0.166807
 6.01E-05    0.425479   17.423192
0.25000     0.210664   32.966220    0.166807
 6.01E-05    0.227079   71.981635
0.50000     0.210664   62.225701    0.166807
 6.01E-05    0.06441    98.666692
0.75000     0.210664   89.789697    0.166807
 6.01E-05    0.158148   77.068657
1.00000     0.210664  118.851564    0.166807
 6.01E-05    0.297003   20.432832

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.168505  -119.926783    -0.121617
-0.001468   -0.308775   -83.476090
0.25000    -0.168505   -90.508898    -0.121617
-0.001468   -0.165642   -32.512332
0.50000    -0.168505   -62.992827    -0.121617
-0.001468   -0.056582   -32.410439
0.75000    -0.168505   -33.672712    -0.121617
-0.001468   -0.229791   -32.951852
1.00000    -0.168505   -11.352471    -0.121617
-0.001468   -0.436482   -83.060719

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.195372    7.550833    0.220578
 0.000436    0.560091   15.737531
0.25000     0.195372   22.567155    0.220578
 0.000436    0.292800   52.708740
0.50000     0.195372   42.487515    0.220578
 0.000436    0.057487   71.264052
0.75000     0.195372   61.252237    0.220578
 0.000436    0.182388   57.163653
1.00000     0.195372   81.037382    0.220578
 0.000436    0.350485   19.341007

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.191639   -82.366537    -0.141891
-0.001274   -0.355832   -60.656207
0.25000    -0.191639   -62.339027    -0.141891
-0.001274   -0.188264   -25.800787
0.50000    -0.191639   -43.606252    -0.141891
-0.001274   -0.049557   -25.571813
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4184

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
         T          M2          M3
0.75000    -0.191639   -23.645293    -0.141891
-0.001274   -0.286326   -25.780697
1.00000    -0.191639    -8.449808    -0.141891
-0.001274   -0.559990   -59.734740

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.208713    6.325669    0.243717
0.000782    0.618725   13.678613
0.25000     0.208713   18.786021    0.243717
 0.000782    0.320859   44.753553
0.50000     0.208713   35.315681    0.243717
 0.000782    0.052102   60.319488
0.75000     0.208713   50.886408    0.243717
 0.000782    0.220444   48.834266
1.00000     0.208713   67.303868    0.243717
 0.000782    0.429014   17.721777

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.223711   -68.585880    -0.173304
-0.001062   -0.433354   -52.028240
0.25000    -0.223711   -51.967300    -0.173304
-0.001062   -0.225528   -23.067984
0.50000    -0.223711   -36.423082    -0.173304
-0.001062   -0.046551   -22.840618
0.75000    -0.223711   -19.859734    -0.173304
-0.001062   -0.310753   -22.976596
1.00000    -0.223711    -7.250714    -0.173304
-0.001062   -0.613224   -51.114042

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.088456    9.151134    0.100864
0.000206    0.261588   13.052618
0.25000     0.088456   27.610915    0.100864
 0.000206    0.141290   58.542910
0.50000     0.088456   52.099300    0.100864
 0.000206    0.047401   80.612702
0.75000     0.088456   75.167043    0.100864
 0.000206    0.038464   62.187906
1.00000     0.088456   99.489207    0.100864
 0.000206    0.062840   14.427035

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.056821  -100.038212    -0.028752
-0.000169   -0.080965   -67.607087
0.25000    -0.056821   -75.418094    -0.028752
-0.000169   -0.052096   -25.071953
0.50000    -0.056821   -52.389623    -0.028752
-0.000169   -0.041145   -25.103949
0.75000    -0.056821   -27.851328    -0.028752
-0.000169   -0.142496   -25.674414
1.00000    -0.056821    -9.171299    -0.028752
-0.000169   -0.267314   -67.728292

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.095606    8.541790    0.179306
0.000688    0.459361   14.240016
0.25000     0.095606   25.723586    0.179306
 0.000688    0.241207   56.672586
0.50000     0.095606   48.516622    0.179306
 0.000688    0.052812   77.494321
0.75000     0.095606   69.987367    0.179306
 0.000688    0.102577   60.756781
1.00000     0.095606   92.625689    0.179306
 0.000688    0.188993   16.795397

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.126055   -93.535729    -0.077156
-6.98E-05   -0.195565   -65.500816
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4185

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
         T          M2          M3
0.25000    -0.126055   -70.620080    -0.077156
-6.98E-05   -0.110128   -25.927758
0.50000    -0.126055   -49.185888    -0.077156
-6.98E-05   -0.046409   -25.866954
0.75000    -0.126055   -26.346399    -0.077156
-6.98E-05   -0.235739   -26.307170
1.00000    -0.126055    -8.959602    -0.077156
-6.98E-05   -0.457980   -65.358905

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.168385    6.290635    0.223612
 0.000624    0.421291   13.906818
0.25000     0.168385   18.452790    0.223612
 0.000624    0.296227   44.109405
0.50000     0.168385   34.586869    0.223612
 0.000624    0.051386   59.212361
0.75000     0.168385   49.784963    0.223612
 0.000624    0.166050   47.992738
1.00000     0.168385   65.809327    0.223612
 0.000624    0.320534   17.720672

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.192378   -67.088089    -0.129692
-0.000907   -0.324902   -50.370371
0.25000    -0.192378   -50.867218    -0.129692
-0.000907   -0.172193   -22.099097
0.50000    -0.192378   -35.694999    -0.129692
-0.000907   -0.043840   -21.872875
0.75000    -0.192378   -19.528038    -0.129692
-0.000907   -0.220446   -22.001405
1.00000    -0.192378    -7.220772    -0.129692
-0.000907   -0.559781   -49.460953

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.204636    5.315143    0.247649
 0.000922    0.630331   12.277841
0.25000     0.204636   15.503522    0.247649
 0.000922    0.325564   37.745766
0.50000     0.204636   29.019227    0.247649
 0.000922    0.046868   50.560140
0.75000     0.204636   41.750847    0.247649
 0.000922    0.213237   41.331182
1.00000     0.204636   55.174810    0.247649
 0.000922    0.416859   16.143401

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.222530   -56.359233    -0.168282
-0.000756   -0.420404   -43.749144
0.25000    -0.222530   -42.770821    -0.168282
-0.000756   -0.218083   -20.042570
0.50000    -0.222530   -30.060877    -0.168282
-0.000756   -0.041936   -19.830141
0.75000    -0.222530   -16.517626    -0.168282
-0.000756   -0.309302   -19.914908
1.00000    -0.222530    -6.207687    -0.168282
-0.000756   -0.616544   -42.895502

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.110559    0.092637    0.095139
0.000620    0.240217    0.997282
0.25000     0.110559    0.116304    0.095139
0.000620    0.122020    1.271566
0.50000     0.110559    0.147699    0.095139
0.000620    0.005884    1.541077
0.75000     0.110559    0.177273    0.095139
0.000620    0.118053    1.781139
1.00000     0.110559    0.208455    0.095139
0.000620    0.236570    1.990679
Program    SAP2000    Nonlinear    Version    7.42
          File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4186

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
         T          M2          M3
0.00000    -0.115853   -0.380180    -0.094943
-5.11E-07   -0.236002   -2.447043
0.25000    -0.115853   -0.348616    -0.094943
-5.11E-07   -0.117981   -2.363548
0.50000    -0.115853   -0.319092    -0.094943
-5.11E-07   -0.008042   -2.304552
0.75000    -0.115853   -0.287633    -0.094943
-5.11E-07   -0.114683   -2.307610
1.00000    -0.115853   -0.263684    -0.094943
-5.11E-07   -0.232915   -2.333595

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
         T          M2          M3
0.00000     0.144526    0.510944    0.166261
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```
0.001108      0.420091      2.801565
0.25000       0.144526      1.220935      0.166261
0.001108      0.213742      4.784356
0.50000       0.144526      2.162796      0.166261
0.001108      0.013355      6.070212
0.75000       0.144526      3.050017      0.166261
0.001108      0.188422      5.912624
1.00000       0.144526      3.985485      0.166261
0.001108      0.376075      4.743335

COMB DB-G3-2 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.201436     -4.433632     -0.151277
-3.28E-06     -0.376131     -6.950875
0.25000       -0.201436     -3.486705     -0.151277
-3.28E-06     -0.188351     -5.231323
0.50000       -0.201436     -2.600994     -0.151277
-3.28E-06     -0.015791     -5.149483
0.75000       -0.201436     -1.657214     -0.151277
-3.28E-06     -0.201269     -5.089063
1.00000       -0.201436     -0.938751     -0.151277
-3.28E-06     -0.407796     -6.624307

COMB DB-G3-3 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.161587      0.821226      0.224742
0.001260      0.568225      5.442227
0.25000       0.161587      1.950113      0.224742
0.001260      0.289330      8.590988
0.50000       0.161587      3.447672      0.224742
0.001260      0.022771     10.569103
0.75000       0.161587      4.858353      0.224742
0.001260      0.197010     10.333739
1.00000       0.161587      6.345747      0.224742
0.001260      0.392926      8.498028

COMB DB-G3-3 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.203642     -7.160227     -0.158035
-4.93E-06     -0.392983     -10.508243
0.25000       -0.203642     -5.654612     -0.158035
-4.93E-06     -0.201208     -7.726874
0.50000       -0.203642     -4.246332     -0.158035
-4.93E-06     -0.022332     -7.549100
0.75000       -0.203642     -2.745721     -0.158035
-4.93E-06     -0.272185     -7.404873
1.00000       -0.203642     -1.603565     -0.158035
-4.93E-06     -0.551316     -9.797648

COMB DB-G3-4 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.216193      6.216585      0.253741
0.001044      0.645930      12.836090
0.25000       0.216193      18.250942     0.253741
 0.001044     0.334080      42.830186
0.50000       0.216193      34.215485     0.253741
 0.001044     0.049125      57.784534
0.75000       0.216193      49.253880     0.253741
 0.001044     0.214676      46.602801
1.00000       0.216193      65.110060     0.253741
 0.001044     0.417948      16.483248
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4187

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.232341     -66.207408    -0.168855
-0.000510     -0.422331     -49.902733
0.25000       -0.232341     -50.156984    -0.168855
-0.000510     -0.220024     -21.999870
0.50000       -0.232341     -35.144193    -0.168855
-0.000510     -0.044663     -21.829871
0.75000       -0.232341     -19.147112    -0.168855
-0.000510     -0.319053     -22.020205
1.00000       -0.232341     -6.969170     -0.168855
-0.000510     -0.633896     -49.254643

COMB DL-G1-1 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.165696      0.165929      0.154180
5.33E-06      0.387872      2.269896
0.25000       0.165696      0.173884      0.154180
5.33E-06      0.196619      2.522157
0.50000       0.165696      0.193085      0.154180
5.33E-06      0.010787      2.891695
0.75000       0.165696      0.214037      0.154180
5.33E-06      0.205073      3.410526
1.00000       0.165696      0.232439      0.154180
5.33E-06      0.419931      4.073583

COMB DL-G1-1 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.246399     -0.897586     -0.172935
-0.001194     -0.439903     -5.078798
0.25000       -0.246399     -0.879276     -0.172935
-0.001194     -0.224875     -4.552268
0.50000       -0.246399     -0.858342     -0.172935
-0.001194     -0.013373     -4.153905
0.75000       -0.246399     -0.839086     -0.172935
-0.001194     -0.185846     -3.911908
1.00000       -0.246399     -0.830738     -0.172935
-0.001194     -0.377060     -3.858257

COMB DL-G1-2 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.345575      12.399415     0.283213
 4.90E-05     0.715602      13.903886
0.25000       0.345575      25.063878     0.283213
 4.90E-05     0.379514      53.772405
0.50000       0.345575      55.630674     0.283213
 4.90E-05     1.061782      77.711234
0.75000       0.345575      88.986140     0.283213
 4.90E-05     0.285820      56.469294
1.00000       0.345575      118.282232    0.283213
 4.90E-05     0.551209      17.965905

COMB DL-G1-2 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.338986     -119.715798   -0.228361
-0.001406     -0.608830     -77.639694
0.25000       -0.338986     -90.567182    -0.228361
-0.001406     -0.325161     -31.923975
0.50000       -0.338986     -57.239801    -0.228361
-0.001406     -0.052280     -31.755803
0.75000       -0.338986     -26.584880    -0.228361
-0.001406     -0.366362     -31.881415
1.00000       -0.338986     -13.294170    -0.228361
-0.001406     -0.714311     -75.938239

COMB DL-G1-3 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.330516      9.000753      0.371699
0.000355      0.940401      12.467060
0.25000       0.330516      17.993158     0.371699
 0.000355     0.490759      40.969933
0.50000       0.330516      39.697119     0.371699
 0.000355     0.057890      58.323333
0.75000       0.330516      63.381176     0.371699
 0.000355     0.351942      43.862505
1.00000       0.330516      84.182873     0.371699
 0.000355     0.700885      17.249269
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4188

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.358365     -85.855500    -0.291177
-0.001234     -0.762314     -60.180034
0.25000       -0.358365     -65.158938    -0.291177
-0.001234     -0.401017     -27.260036
0.50000       -0.358365     -41.494823    -0.291177
-0.001234     -0.050990     -26.795010
0.75000       -0.358365     -19.728289    -0.291177
-0.001234     -0.465186     -26.776062
1.00000       -0.358365     -10.291217    -0.291177
-0.001234     -0.923859     -58.020982

COMB DL-G1-4 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.344458      7.560590      0.423196
0.000696      1.069155      11.191029
0.25000       0.344458      15.024430     0.423196
 0.000696     0.553357      34.954022
0.50000       0.344458      33.039062     0.423196
 0.000696     0.052656      49.519911
0.75000       0.344458      52.697207     0.423196
 0.000696     0.419914      37.802049
1.00000       0.344458      69.962947     0.423196
 0.000696     0.843744      16.005523

COMB DL-G1-4 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.406979     -71.558116    -0.349275
-0.001028     -0.905052     -52.028420
0.25000       -0.406979     -54.379291    -0.349275
-0.001028     -0.471004     -24.602390
0.50000       -0.406979     -34.757699    -0.349275
-0.001028     -0.049162     -24.159898
0.75000       -0.406979     -16.671129    -0.349275
-0.001028     -0.525164     -24.183328
1.00000       -0.406979     -8.838209     -0.349275
-0.001028     -1.048523     -50.161982

COMB DL-G2-1 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.175259      8.743486      0.140795
0.000171      0.357214      9.204719
0.25000       0.175259      17.621338     0.140795
 0.000171     0.132263      36.862815
0.50000       0.175259      39.048815     0.140795
 0.000171     0.041637      53.538687
0.75000       0.175259      62.431164     0.140795
 0.000171     0.076398      38.539958
1.00000       0.175259      82.967873     0.140795
 0.000171     0.135031      11.360794

COMB DL-G2-1 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.087233     -83.704847    -0.057965
-0.000160     -0.043853     -63.443311
0.25000       -0.087233     -63.271521    -0.057965
-0.000160     -0.098424     -20.593934
0.50000       -0.087233     -39.908859    -0.057965
-0.000160     -0.031421     -20.643757
0.75000       -0.087233     -18.419606    -0.057965
-0.000160     -0.186746     -20.872494
1.00000       -0.087233     -9.107751     -0.057965
-0.000160     -0.358970     -51.801457

COMB DL-G2-2 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.185064      8.422588      0.276001
0.000589      0.699678      10.356488
0.25000       0.185064      16.894732     0.276001
 0.000589     0.368001      37.049400
0.50000       0.185064      37.342996     0.276001
 0.000589     0.048192      53.178664
0.75000       0.185064      59.656777     0.276001
 0.000589     0.214335      39.276054
1.00000       0.185064      79.255000     0.276001
 0.000589     0.420673      13.790612
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4189

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.177476     -80.384450    -0.175731
-5.57E-05     -0.467086     -53.531898
0.25000       -0.177476     -60.884905    -0.175731
-5.57E-05     -0.249933     -22.875180
0.50000       -0.177476     -38.589892    -0.175731
-5.57E-05     -0.040418     -22.739016
0.75000       -0.177476     -18.082674    -0.175731
-5.57E-05     -0.349615     -22.957023
1.00000       -0.177476     -9.191590     -0.175731
-5.57E-05     -0.689257     -52.484508

COMB DL-G2-3 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.305657      5.826704      0.367306
0.000536      0.930564      10.014083
0.25000       0.305657      11.332405     0.367306
 0.000536     0.481979      27.417583
0.50000       0.305657      24.620897     0.367306
 0.000536     0.045078      38.195582
0.75000       0.305657      39.121724     0.367306
 0.000536     0.317652      29.972330
1.00000       0.305657      51.857795     0.367306
 0.000536     0.642015      14.381638

COMB DL-G2-3 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.308536     -53.378532    -0.267192
-0.000855     -0.694954     -41.080055
0.25000       -0.308536     -40.706574    -0.267192
-0.000855     -0.364083     -20.618284
0.50000       -0.308536     -26.217956    -0.267192
-0.000855     -0.041724     -20.096090
0.75000       -0.308536     -12.891153    -0.267192
-0.000855     -0.452440     -19.995489
1.00000       -0.308536     -7.113200     -0.267192
-0.000855     -0.906259     -38.836539

COMB DL-G2-4 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.352625      4.953968      0.430587
0.000839      1.088648      9.063593
0.25000       0.352625      9.571883      0.430587
0.000839      0.559981      23.794190
0.50000       0.352625      20.717628     0.430587
 0.000839     0.041964      33.002651
0.75000       0.352625      32.880221     0.430587
 0.000839     0.395051      26.340777
1.00000       0.352625      43.562621     0.430587
 0.000839     0.802389      13.502221

COMB DL-G2-4 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.363768     -44.995122    -0.332464
-0.000712     -0.856984     -36.377852
0.25000       -0.363768     -34.366496    -0.332464
-0.000712     -0.444016     -19.153019
0.50000       -0.363768     -22.214144    -0.332464
-0.000712     -0.041592     -18.688222
0.75000       -0.363768     -11.036266    -0.332464
-0.000712     -0.528232     -18.662453
1.00000       -0.363768     -6.189999     -0.332464
-0.000712     -1.061224     -34.529012

COMB DL-G3-1 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.183339      0.129047      0.198311
0.000621      0.498401      1.044803
0.25000       0.183339      0.137002      0.198311
0.000621      0.251824      1.258407
0.50000       0.183339      0.156202      0.198311
0.000621      0.006389      1.515746
0.75000       0.183339      0.177154      0.198311
0.000621      0.197201      1.861793
1.00000       0.183339      0.195556      0.198311
0.000621      0.405434      2.205698
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4190

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.173937     -0.428240     -0.166438
-3.02E-07     -0.421268     -3.033312
0.25000       -0.173937     -0.409930     -0.166438
-3.02E-07     -0.212962     -2.916806
0.50000       -0.173937     -0.388996     -0.166438
-3.02E-07     -0.010122     -2.883715
0.75000       -0.173937     -0.369741     -0.166438
-3.02E-07     -0.241141     -2.979412
1.00000       -0.173937     -0.361392     -0.166438
-3.02E-07     -0.487652     -3.109776

COMB DL-G3-2 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.234424      0.508657      0.327489
0.001081      0.823930      2.469877
0.25000       0.234424      0.771174      0.327489
0.001081      0.417084      3.586726
0.50000       0.234424      1.404782      0.327489
0.001081      0.013515      4.503381
0.75000       0.234424      2.086196      0.327489
0.001081      0.341364      4.778950
1.00000       0.234424      2.703464      0.327489
0.001081      0.701049      4.734076

COMB DL-G3-2 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.298012     -3.246897     -0.288050
-1.97E-06     -0.729831     -7.232661
0.25000       -0.298012     -2.642686     -0.288050
-1.97E-06     -0.370008     -6.045581
0.50000       -0.298012     -1.951854     -0.288050
-1.97E-06     -0.019323     -5.919006
0.75000       -0.298012     -1.316419     -0.288050
-1.97E-06     -0.397843     -6.034544
1.00000       -0.298012     -1.040921     -0.288050
-1.97E-06     -0.804872     -7.076190

COMB DL-G3-3 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.281900      0.436894      0.403504
0.001172      1.018056      4.131582
0.25000       0.281900      0.444053      0.403504
0.001172      0.516460      4.469333
0.50000       0.281900      0.461333      0.403504
0.001172      0.020404      5.078089
0.75000       0.281900      0.480190      0.403504
0.001172      0.365950      6.224547
1.00000       0.281900      0.496752      0.403504
0.001172      0.756292      7.460544

COMB DL-G3-3 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.304030     -1.447187     -0.312779
-2.74E-06     -0.796111     -8.857753
0.25000       -0.304030     -1.430709     -0.312779
-2.74E-06     -0.407362     -8.061283
0.50000       -0.304030     -1.411868     -0.312779
-2.74E-06     -0.026021     -7.675732
0.75000       -0.304030     -1.394538     -0.312779
-2.74E-06     -0.487433     -7.701609
1.00000       -0.304030     -1.387024     -0.312779
-2.74E-06     -0.988960     -7.813674

COMB DL-G3-4 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.383973      5.355603      0.444237
0.000981      1.121914      9.120624
0.25000       0.383973      10.367354     0.444237
 0.000981     0.576009      25.054700
0.50000       0.383973      22.463511     0.444237
 0.000981     0.042328      34.938719
0.75000       0.383973      35.663224     0.444237
 0.000981     0.390719      27.552279
1.00000       0.383973      47.256527     0.444237
 0.000981     0.792987      13.419752
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4191

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.357695     -48.595180    -0.328340
-0.000474     -0.846896     -38.033377
0.25000       -0.357695     -37.060237    -0.328340
-0.000474     -0.438788     -19.493161
0.50000       -0.357695     -23.871638    -0.328340
-0.000474     -0.041627     -19.117805
0.75000       -0.357695     -11.740608    -0.328340
-0.000474     -0.545673     -19.099480
1.00000       -0.357695     -6.481093     -0.328340
-0.000474     -1.096201     -36.575750

COMB     DB ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.216193      10.909148     0.253741
 0.001260     0.645930      17.423192
0.25000       0.216193      32.966220     0.253741
 0.001260     0.334080      71.981635
0.50000       0.216193      62.226701     0.253741
 0.001260     0.064441      98.666692
0.75000       0.216193      89.789697     0.253741
 0.001260     0.220444      77.068657
1.00000       0.216193      118.851564    0.253741
 0.001260     0.429014      20.432832

COMB     DB ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.232341     -119.926783   -0.173304
-0.001468     -0.433354     -83.476090
0.25000       -0.232341     -90.508898    -0.173304
-0.001468     -0.225528     -32.512332
0.50000       -0.232341     -62.992827    -0.173304
-0.001468     -0.056582     -32.410439
0.75000       -0.232341     -33.672712    -0.173304
-0.001468     -0.319053     -32.951852
1.00000       -0.232341     -11.352471    -0.173304
-0.001468     -0.633896     -83.060719

COMB     DL ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.383973      12.399415     0.444237
 0.001172     1.121914      13.903886
0.25000       0.383973      25.063878     0.444237
 0.001172     0.576009      53.772405
0.50000       0.383973      55.630674     0.444237
 0.001172     0.064182      77.711234
0.75000       0.383973      88.986140     0.444237
 0.001172     0.418914      56.469294
1.00000       0.383973      118.282232    0.444237
 0.001172     0.843744      17.965905

COMB     DL ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.406979     -119.715798   -0.349275
-0.001406     -0.905052     -77.639694
0.25000       -0.406979     -90.567182    -0.349275
-0.001406     -0.471004     -31.923975
0.50000       -0.406979     -57.239801    -0.349275
-0.001406     -0.052280     -31.755803
0.75000       -0.406979     -26.584880    -0.349275
-0.001406     -0.545673     -31.881415
1.00000       -0.406979     -13.294170    -0.349275
-0.001406     -1.096201     -75.938239

COMB     CAR ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.383973      12.399415     0.444237
 0.001260     1.121914      17.423192
0.25000       0.383973      32.966220     0.444237
 0.001260     0.576009      71.981635
0.50000       0.383973      62.226701     0.444237
 0.001260     0.064441      98.666692
0.75000       0.383973      89.789697     0.444237
 0.001260     0.419914      77.068657
1.00000       0.383973      118.851564    0.444237
 0.001260     0.843744      20.432832
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4192

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.406979     -119.926783   -0.349275
-0.001468     -0.905052     -83.476090
0.25000       -0.406979     -90.567182    -0.349275
-0.001468     -0.471004     -32.512332
0.50000       -0.406979     -62.992827    -0.349275
-0.001468     -0.056582     -32.410439
0.75000       -0.406979     -33.672712    -0.349275
-0.001468     -0.319053     -32.951852
1.00000       -0.406979     -13.294170    -0.349275
-0.001468     -1.096201     -83.060719

COMB  DESIGN ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.383973      12.399415     0.444237
 0.001260     1.121914      17.423192
0.25000       0.383973      32.966220     0.444237
 0.001260     0.576009      71.981635
0.50000       0.383973      62.226701     0.444237
 0.001260     0.064441      98.666692
0.75000       0.383973      89.789697     0.444237
 0.001260     0.419914      77.068657
1.00000       0.383973      118.851564    0.444237
 0.001260     0.843744      20.432832

COMB  DESIGN ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.406979     -119.926783   -0.349275
-0.001468     -0.905052     -83.476090
0.25000       -0.406979     -90.567182    -0.349275
-0.001468     -0.471004     -32.512332
0.50000       -0.406979     -62.992827    -0.349275
-0.001468     -0.056582     -32.410439
0.75000       -0.406979     -33.672712    -0.349275
-0.001468     -0.545673     -32.951852
1.00000       -0.406979     -13.294170    -0.349275
-0.001468     -1.096201     -83.060719

ELEM      404 ================== LENGTH
=     4.972548

COMB DB-G1-1 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.114261      0.119464      0.085083
5.47E-06      0.210809      4.690613
0.25000       0.114261      0.143230      0.085083
5.47E-06      0.105039      5.041605
0.50000       0.114261      0.174625      0.085083
5.47E-06      0.017355      5.517857
0.75000       0.114261      0.204150      0.085083
5.47E-06      0.114775      6.129268
1.00000       0.114261      0.235370      0.085083
5.47E-06      0.228779      6.772645

COMB DB-G1-1 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.102704     -0.837262     -0.091719
-0.001015     -0.227311     -2.988165
0.25000       -0.102704     -0.805964     -0.091719
-0.001015     -0.113296     -2.859738
0.50000       -0.102704     -0.776451     -0.091719
-0.001015     -0.008722     -2.785254
0.75000       -0.102704     -0.745049     -0.091719
-0.001015     -0.106544     -2.711929
1.00000       -0.102704     -0.721163     -0.091719
-0.001015     -0.212323     -2.692358

COMB DB-G1-2 ---------- MAX

REL DIST          P             V2            V3
        T         M2            M3
0.00000       0.187706      10.877367     0.159850
 5.68E-05     0.410744      20.382114
0.25000       0.187706      33.027827     0.159850
 5.68E-05     0.218117      78.135845
0.50000       0.187706      62.278860     0.159850
 5.68E-05     0.074496      102.064504
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4193

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P             V2            V3
        T         M2            M3
0.75000       0.187706      89.805324     0.159850
 5.68E-05     0.162544      80.430458
1.00000       0.187706      118.901861    0.159850
 5.68E-05     0.295320      23.894885

COMB DB-G1-2 ---------- MIN

REL DIST          P             V2            V3
        T         M2            M3
0.00000       -0.167166     -120.075159   -0.118442
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-0.001282   -0.309714   -83.076373
 0.25000    -0.167166   -90.905383    -0.118442
-0.001282   -0.165375   -32.240639
 0.50000    -0.167166   -63.399317    -0.118442
-0.001282   -0.053595   -31.519164
 0.75000    -0.167166   -34.132512    -0.118442
-0.001282   -0.216920   -31.820608
 1.00000    -0.167166   -11.871073    -0.118442
-0.001282   -0.412442   -82.007212

COMB DB-G1-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.184066    7.541158    0.202664
 0.000375   0.520956   19.276839
 0.25000    0.184066   22.621058    0.202664
 0.000375   0.273470   56.841659
 0.50000    0.184066   42.541113    0.202664
 0.000375   0.070544   75.578929
 0.75000    0.184066   61.274837    0.202664
 0.000375   0.186066   61.534612
 1.00000    0.184066   81.083585    0.202664
 0.000375   0.352012   23.871609

COMB DB-G1-3 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.199168   -82.554225   -0.141336
-0.001299  -0.361811   -59.734637
 0.25000   -0.199168   -62.695617   -0.141336
-0.001299  -0.157989   -25.071886
 0.50000   -0.199168   -43.969652   -0.141336
-0.001299  -0.046001   -24.526668
 0.75000   -0.199168   -24.044987   -0.141336
-0.001299  -0.256859   -24.677870
 1.00000   -0.199168    -8.889534   -0.141336
-0.001299  -0.506334   -58.790643

COMB DB-G1-4 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.204448    6.324236    0.219854
 0.000660   0.565719   17.648884
 0.25000    0.204448   18.837344    0.219854
 0.000660   0.296377   50.626852
 0.50000    0.204448   35.366751    0.219854
 0.000660   0.065950   64.713039
 0.75000    0.204448   50.911756    0.219854
 0.000660   0.222574   53.303349
 1.00000    0.204448   67.648802    0.219854
 0.000660   0.428934   22.342893

COMB DB-G1-4 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.227174   -68.765063   -0.172510
-0.001082  -0.438027   -51.110156
 0.25000   -0.227174   -52.286643   -0.172510
-0.001082  -0.225121   -22.339963
 0.50000   -0.227174   -36.748077   -0.172510
-0.001082  -0.043036   -21.880134
 0.75000   -0.227174   -20.214844   -0.172510
-0.001082  -0.275530   -21.998187
 1.00000   -0.227174    -7.639042   -0.172510
-0.001082  -0.546783   -50.297117

COMB DB-G2-1 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.063356    9.120600    0.087511
 0.000192   0.233587   14.380556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4194

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST        P           V2          V3
       T        M2          M3
 0.25000    0.063356   27.658538    0.087511
 0.000192   0.130064   62.510216
 0.50000    0.063356   52.146548    0.087511
 0.000192   0.052339   82.243967
 0.75000    0.063356   75.176186    0.087511
 0.000192   0.074143   63.750430
 1.00000    0.063356   99.527365    0.087511
 0.000192   0.058091   16.026390

COMB DB-G2-1 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.057432  -100.125189   -0.023369
-0.000213  -0.071580   -67.753161
 0.25000   -0.057432   -75.712715   -0.023369
-0.000213  -0.044969   -25.262531
 0.50000   -0.057432   -52.692618   -0.023369
-0.000213  -0.039585   -24.712838
 0.75000   -0.057432   -26.198939   -0.023369
-0.000213  -0.119520   -25.019163
 1.00000   -0.057432    -9.568122   -0.023369
-0.000213  -0.225614   -67.074670

COMB DB-G2-2 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.085060    8.515339    0.153868
 0.000586   0.405406   16.736055
 0.25000    0.085060   25.769882    0.153868
 0.000586   0.219279   61.691840
 0.50000    0.085060   48.562568    0.153868
 0.000586   0.062056   80.379058
 0.75000    0.085060   69.997846    0.153868
 0.000586   0.104234   63.632557
 1.00000    0.085060   92.663174    0.153868
 0.000586   0.186526   19.773916

COMB DB-G2-2 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.127125   -93.671204   -0.075186
-0.000252  -0.199966   -65.375082
 0.25000   -0.127125   -70.948824   -0.075186
-0.000252  -0.108714   -25.800332
 0.50000   -0.127125   -49.522426   -0.075186
-0.000252  -0.043876   -25.262942
 0.75000   -0.127125   -26.724464   -0.075186
-0.000252  -0.193719   -25.522308
 1.00000   -0.127125    -9.383472   -0.075186
-0.000252  -0.382148   -64.640527

COMB DB-G2-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.161064    6.280428    0.188980
 0.000532   0.494296   17.650678
 0.25000    0.161064   18.494077    0.188980
 0.000532   0.265218   49.669828
 0.50000    0.161064   34.627908    0.188980
 0.000532   0.064249   63.320226
 0.75000    0.161064   49.800896    0.188980
 0.000532   0.168320   52.172726
 1.00000    0.161064   65.844577    0.188980
 0.000532   0.320771   22.041972

COMB DB-G2-3 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.193177   -67.265778   -0.128951
-0.001004  -0.329375   -49.459617
 0.25000   -0.193177   -51.181714   -0.128951
-0.001004  -0.170552   -21.377250
 0.50000   -0.193177   -36.015011   -0.128951
-0.001004  -0.040622   -20.927651
 0.75000   -0.193177   -19.877445   -0.128951
-0.001004  -0.234896   -21.042152
 1.00000   -0.193177    -7.602603   -0.128951
-0.001004  -0.467737   -48.663050

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4195

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.204594    5.321827    0.210821
 0.000780   0.546483   16.077435
 0.25000    0.204594   15.553343    0.210821
 0.000780   0.290978   43.098438
 0.50000    0.204594   29.088841    0.210821
 0.000780   0.060216   54.725753
 0.75000    0.204594   41.779429    0.210821
 0.000780   0.214147   45.580979
 1.00000    0.204594   55.219407    0.210821
 0.000780   0.415530   20.528900

COMB DB-G2-4 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.230930   -56.527042   -0.167290
-0.000837  -0.423799   -42.892069
 0.25000   -0.230930   -43.053235   -0.167290
-0.000837  -0.217089   -19.365507
 0.50000   -0.230930   -30.347911   -0.167290
-0.000837  -0.038650   -18.987328
 0.75000   -0.230930   -16.829285   -0.167290
-0.000837  -0.262223   -19.081703
 1.00000   -0.230930    -6.546507   -0.167290
-0.000837  -0.522607   -42.218506

COMB DB-G3-1 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.120875    0.110831    0.085318
 0.000521   0.212556   1.987617
 0.25000    0.120879    0.134598    0.085318
 0.000521   0.108431   2.312746
 0.50000    0.120879    0.165992    0.085318
 0.000521   0.009852   2.623012
 0.75000    0.120879    0.195518    0.085318
 0.000521   0.116495   2.698328
 1.00000    0.120879    0.225577    0.085318
 0.000521   0.233790   3.150482

COMB DB-G3-1 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.125575   -0.407053   -0.094369
-4.44E-07  -0.235480   -2.331285
 0.25000   -0.125575   -0.375755   -0.094369
-4.44E-07  -0.118158   -2.277308
 0.50000   -0.125575   -0.346242   -0.094369
-4.44E-07  -0.007302   -2.277256
 0.75000   -0.125575   -0.314840   -0.094369
-4.44E-07  -0.105660   -2.278334
 1.00000   -0.125575   -0.290954   -0.094369
-4.44E-07  -0.211731   -2.332938

COMB DB-G3-2 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.159916    0.526347    0.145671
 0.000925   0.368066   4.722354
 0.25000    0.159916    1.239345    0.145671
 0.000925   0.190657   6.922096
 0.50000    0.159916    2.181191    0.145671
 0.000925   0.020917   8.197680
 0.75000    0.159916    3.066946    0.145671
 0.000925   0.186101   8.096943
 1.00000    0.159916    4.003530    0.145671
 0.000925   0.372540   6.984773

COMB DB-G3-2 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.195762   -4.493309   -0.150346
-1.98E-06  -0.375594   -6.617694
 0.25000   -0.195762   -3.554367   -0.150346
-1.98E-06  -0.198788   -4.970501
 0.50000   -0.195762   -2.668979   -0.150346
-1.98E-06  -0.014290   -4.936595
 0.75000   -0.195762   -1.726915   -0.150346
-1.98E-06  -0.176478   -4.935645
 1.00000   -0.195762   -1.010345   -0.150346
-1.98E-06  -0.357409   -6.540428
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4196

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.172902    0.844766    0.194055
 0.001066   0.495239    8.449617
 0.25000    0.172902    1.978432    0.194055
 0.001066   0.257926   11.872031
 0.50000    0.172902    3.475968    0.194055
 0.001066   0.033804   13.813327
 0.75000    0.172902    4.884319    0.194055
 0.001066   0.194556   13.693159
 1.00000    0.172902    6.373487    0.194055
 0.001066   0.389183   11.981448

COMB DB-G3-3 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.216649   -7.277991   -0.157071
-0.000202  -0.392768   -9.786958
 0.25000   -0.216649   -5.785075   -0.157071
-0.000202  -0.197558   -7.143578
 0.50000   -0.216649   -4.377307   -0.157071
-0.000202  -0.012351   -7.072674
 0.75000   -0.216649   -2.879425   -0.157071
-0.000202  -0.230893   -7.039323
 1.00000   -0.216649   -1.740078   -0.157071
-0.000202  -0.471651   -9.566505

COMB DB-G3-4 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.211923    6.222261    0.218069
 0.000948   0.563932   16.415217
 0.25000    0.211923   18.307571    0.218069
 0.000948   0.299423   48.222212
 0.50000    0.211923   34.271870    0.218069
 0.000948   0.062044   61.749034
 0.75000    0.211923   49.285422    0.218069
 0.000948   0.215154   50.631264
 1.00000    0.211923   65.160518    0.218069
 0.000948   0.415382   20.639849

COMB DB-G3-4 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.242586   -66.366286   -0.167343
-0.000612  -0.425639   -49.257803
 0.25000   -0.242586   -50.451231   -0.167343
-0.000612  -0.219141   -21.504056
 0.50000   -0.242586   -35.443898   -0.167343
-0.000612  -0.041505   -21.092769
 0.75000   -0.242586   -19.475904   -0.167343
-0.000612  -0.267622   -21.239643
 1.00000   -0.242586    -7.330044   -0.167343
-0.000612  -0.536528   -48.603812

COMB DL-G1-1 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.181666    0.189938    0.138648
 4.91E-06   0.352943    4.084733
 0.25000    0.181666    0.197975    0.138648
 4.91E-06   0.181129    4.657370
 0.50000    0.181666    0.217181    0.138648
 4.91E-06   0.018944    5.269426
 0.75000    0.181666    0.238106    0.138648
 4.91E-06   0.185547    5.918508
 1.00000    0.181666    0.256476    0.138648
 4.91E-06   0.378444    6.588191

COMB DL-G1-1 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.203841   -0.844997   -0.155270
-1.0000959 -0.203841   -3.856348
 0.25000   -0.203841   -0.826630   -0.155270
-0.000959  -0.200788   -3.897421
 0.50000   -0.203841   -0.805703   -0.155270
-0.000959  -0.012462   -3.965871
 0.75000   -0.203841   -0.786481   -0.155270
-0.000959  -0.163108   -4.033834
 1.00000   -0.203841   -0.778391   -0.155270
-0.000959  -0.334832   -4.129875
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4197

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.324002   12.718674    0.253793
 4.29E-05   0.653575   17.954912
 0.25000    0.324002   25.514126    0.253793
 4.29E-05   0.353094   58.401868
 0.50000    0.324002   56.089178    0.253793
 4.29E-05   0.078715   82.154501
 0.75000    0.324002   89.402483    0.253793
 4.29E-05   0.256083   60.569348
 1.00000    0.324002  118.646709    0.253793
 4.29E-05   0.485505   21.920188

COMB DL-G1-2 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.304321  -119.677083   -0.200025
-0.001184  -0.534895   -75.973972
 0.25000   -0.304321   -90.437185   -0.200025
-0.001184  -0.286560   -31.278959
 0.50000   -0.304321   -57.121731   -0.200025
-0.001184  -0.049643   -31.295951
 0.75000   -0.304321   -26.518951   -0.200025
-0.001184  -0.322209   -31.436146
 1.00000   -0.304321   -13.639498   -0.200025
-0.001184  -0.632676   -75.950732

COMB DL-G1-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.307422    9.254487    0.325007
 0.000302   0.839743   17.202236
 0.25000    0.307422   18.339901    0.325007
 0.000302   0.446976   46.442072
 0.50000    0.307422   40.049725    0.325007
 0.000302   0.076641   63.910290
 0.75000    0.307422   63.703845    0.325007
 0.000302   0.302145   49.282476
 1.00000    0.307422   84.468715    0.325007
 0.000302   0.596980   22.593472

COMB DL-G1-3 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.328861   -85.784129   -0.248145
-0.001194  -0.653401   -58.021141
 0.25000   -0.328861   -65.022331   -0.248145
-0.001194  -0.344994   -26.412210
 0.50000   -0.328861   -41.366685   -0.248145
-0.001194  -0.048141   -26.549894
 0.75000   -0.328861   -19.637179   -0.248145
-0.001194  -0.309352   -26.774694
 1.00000   -0.328861   -10.492114   -0.248145
-0.001194  -0.794231   -58.507315

COMB DL-G1-4 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.332514    7.786630    0.370919
 0.000558   0.955780   15.940675
 0.25000    0.332514   15.327668    0.370919
 0.000558   0.504088   40.455508
 0.50000    0.332514   33.347167    0.370919
 0.000558   0.078032   63.211546
 0.75000    0.332514   52.980464    0.370919
 0.000558   0.362671   43.371356
 1.00000    0.332514   70.215637    0.370919
 0.000558   0.726047   21.532760

COMB DL-G1-4 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.387337   -71.496761   -0.300982
-0.000994  -0.783757   -50.135130
 0.25000   -0.387337   -54.264139   -0.300982
-0.000994  -0.409203   -23.994630
 0.50000   -0.387337   -34.629576   -0.300982
-0.000994  -0.046617   -24.204092
 0.75000   -0.387337   -16.593735   -0.300982
-0.000994  -0.447362   -24.485982
 1.00000   -0.387337    -9.003191   -0.300982
-0.000994  -0.904832   -50.919699
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4198

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.131409    8.956933    0.122921
 0.000149   0.320550   11.322664
 0.25000    0.131409   17.928269    0.122921
 0.000149   0.178120   39.365674
 0.50000    0.131409   39.361534    0.122921
 0.000149   0.048566   55.717028
 0.75000    0.131409   62.714328    0.122921
 0.000149   0.062403   40.407578
 1.00000    0.131409   83.214678    0.122921
 0.000149   0.102812   13.121717

COMB DL-G2-1 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.097159   -83.697346   -0.043503
-0.000193  -0.131781   -51.819928
 0.25000   -0.097159   -63.200030   -0.043503
-0.000193  -0.077806   -20.481271
 0.50000   -0.097159   -39.845730   -0.043503
-0.000193  -0.022594   -20.486181
 0.75000   -0.097159   -18.393027   -0.043503
-0.000193  -0.159595   -20.577583
 1.00000   -0.097159    -9.364466   -0.043503
-0.000193  -0.308848   -51.775471

COMB DL-G2-2 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.149607    8.648905    0.237245
 0.000484   0.617079   13.717256
 0.25000    0.149607   17.208676    0.237245
 0.000484   0.333078   40.915025
 0.50000    0.149607   37.662465    0.237245
 0.000484   0.060913   56.997357
 0.75000    0.149607   59.948061    0.237245
 0.000484   0.176016   42.826376
 1.00000    0.149607   79.511566    0.237245
 0.000484   0.342284   17.264846

COMB DL-G2-2 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.180750   -80.354404   -0.143798
-0.000235  -0.387683   -52.468962
 0.25000   -0.180750   -60.793793   -0.143798
-0.000235  -0.208896   -22.680748
 0.50000   -0.180750   -38.506759   -0.143798
-0.000235  -0.038329   -22.803421
 0.75000   -0.180750   -18.034422   -0.143798
-0.000235  -0.289674   -23.008043
 1.00000   -0.180750    -9.418456   -0.143798
-0.000235  -0.580858   -52.897837

COMB DL-G2-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.277949    6.000148    0.315443
 0.000441   0.816733   14.305942
 0.25000    0.277949   11.562794    0.315443
 0.000441   0.433401   32.306116
 0.50000    0.277949   24.854876    0.315443
 0.000441   0.062919   43.440485
 0.75000    0.277949   39.337374    0.315443
 0.000441   0.266880   35.168413
 1.00000    0.277949   52.050897    0.315443
 0.000441   0.537741   19.550287

COMB DL-G2-3 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.300256   -53.297050   -0.224217
-0.000914  -0.568459   -38.615396
 0.25000   -0.300256   -40.585408   -0.224217
-0.000914  -0.307581   -19.536456
 0.50000   -0.300256   -26.101975   -0.224217
-0.000914  -0.039269   -19.692821
 0.75000   -0.300256   -12.797839   -0.224217
-0.000914  -0.375968   -19.829763
 1.00000   -0.300256    -7.198675   -0.224217
-0.000914  -0.765246   -39.363363
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4199

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.334557    5.115895    0.373685
 0.000678   0.962830   13.413534
 0.25000    0.334557    9.781573    0.373685
 0.000678   0.505921   28.857692
 0.50000    0.334557   20.930328    0.373685
 0.000678   0.060522   38.371876
 0.75000    0.334557   33.077548    0.373685
 0.000678   0.335589   31.689130
 1.00000    0.334557   43.741036    0.373685
 0.000678   0.681395   18.850852

COMB DL-G2-4 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.377901   -44.934756   -0.283221
-0.000762  -0.733650   -34.484825
 0.25000   -0.377901   -34.272845   -0.283221
-0.000762  -0.381104   -18.417453
 0.50000   -0.377901   -22.124842   -0.283221
-0.000762  -0.039363   -18.651340
 0.75000   -0.377901   -10.965977   -0.283221
-0.000762  -0.445489   -18.869223
 1.00000   -0.377901    -6.269669   -0.283221
-0.000762  -0.907769   -35.355547

COMB DL-G3-1 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.184476    0.155337    0.178501
 0.000493   0.452260   2.164401
 0.25000    0.184476    0.163374    0.178501
 0.000493   0.231161   2.577473
 0.50000    0.184476    0.182580    0.178501
 0.000493   0.012081   2.982574
 0.75000    0.184476    0.203505    0.178501
 0.000493   0.172205   3.367034
 1.00000    0.184476    0.221875    0.178501
 0.000493   0.353781   3.747110

COMB DL-G3-1 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.213973   -0.443004   -0.145987
-2.58E-07  -0.371224   -3.070640
 0.25000   -0.213973   -0.424637   -0.145987
-2.58E-07  -0.188709   -3.205451
 0.50000   -0.213973   -0.403710   -0.145987
-2.58E-07  -0.010058   -3.368211
 0.75000   -0.213973   -0.384488   -0.145987
-2.58E-07  -0.214481   -3.541921
 1.00000   -0.213973   -0.376397   -0.145987
-2.58E-07  -0.435430   -3.720079

COMB DL-G3-2 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.244205    0.556504    0.291119
 0.000847   0.741209   4.663912
 0.25000    0.244205    0.821736    0.291119
 0.000847   0.380882   6.161863
 0.50000    0.244205    1.455515    0.291119
 0.000847   0.024153   7.341854
 0.75000    0.244205    2.146055    0.291119
 0.000847   0.297203   7.654500
 1.00000    0.244205    2.752248    0.291119
 0.000847   0.612078   7.661700

COMB DL-G3-2 ---------------------- MIN

REL DIST        P           V2          V3
       T        M2          M3
 0.00000   -0.329860   -3.249223   -0.252713
-1.36E-06  -0.643581   -7.006792
 0.25000   -0.329860   -2.643119   -0.252713
-1.36E-06  -0.327916   -6.339250
 0.50000   -0.329860   -1.952535   -0.252713
-1.36E-06  -0.018900   -6.598403
 0.75000   -0.329860   -1.318181   -0.252713
-1.36E-06  -0.345706   -6.848303
 1.00000   -0.329860   -1.051207   -0.252713
-1.36E-06  -0.707170   -8.029782
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                 4200

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------------------- MAX

REL DIST        P           V2          V3
       T        M2          M3
 0.00000    0.269146    0.497125    0.352140
 0.000954   0.902739   7.355818
 0.25000    0.269146    0.504358    0.352140
 0.000954   0.466331   8.262282
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0.50000	0.269146	0.521643	0.352140
0.000954	0.035526	9.288784	
0.75000	0.269146	0.540476	0.352140
0.000954	0.306350	10.538566	
1.00000	0.269146	0.557009	0.352140
0.000954	0.637305	11.843828	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345340	-1.414616	-0.265341
-0.000197	-0.679377	-7.735231	
0.25000	-0.345340	-1.398086	-0.265341
-0.000197	-0.348256	-8.039543	
0.50000	-0.345340	-1.379252	-0.265341
-0.000197	-0.025027	-8.368061	
0.75000	-0.345340	-1.361951	-0.265341
-0.000197	-0.412136	-8.695058	
1.00000	-0.345340	-1.354670	-0.265341
-0.000197	-0.849457	-9.047736	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353724	5.530316	0.388280
0.000859	0.998108	13.318399	
0.25000	0.353724	10.593842	0.388280
0.000859	0.522551	29.939905	
0.50000	0.353724	22.693266	0.388280
0.000859	0.060230	40.089016	
0.75000	0.353724	35.876295	0.388280
0.000859	0.331348	32.651470	
1.00000	0.353724	47.449073	0.388280
0.000859	0.671699	18.513386	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391271	-48.551407	-0.279201
-0.000568	-0.724694	-36.526129	
0.25000	-0.391271	-36.980341	-0.279201
-0.000568	-0.376550	-19.090040	
0.50000	-0.391271	-23.796462	-0.279201
-0.000568	-0.039727	-19.346218	
0.75000	-0.391271	-11.686065	-0.279201
-0.000568	-0.463100	-19.650669	
1.00000	-0.391271	-6.589297	-0.279201
-0.000568	-0.943316	-37.407013	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.211923	10.877367	0.219854
0.001066	0.565719	20.382114	
0.25000	0.211923	33.027827	0.219854
0.001066	0.299423	78.135845	
0.50000	0.211923	62.287860	0.219854
0.001066	0.074496	102.064504	
0.75000	0.211923	89.805324	0.219854
0.001066	0.222574	80.430458	
1.00000	0.211923	118.901861	0.219854
0.001066	0.428934	23.894885	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242586	-120.075159	-0.172510
-0.001299	-0.783757	-83.076373	
0.25000	-0.242586	-90.905383	-0.172510
-0.001299	-0.225121	-32.240639	
0.50000	-0.242586	-63.399317	-0.172510
-0.001299	-0.053595	-31.519164	
0.75000	-0.242586	-34.132512	-0.172510
-0.001299	-0.275530	-31.820608	
1.00000	-0.242586	-11.871073	-0.172510
-0.001299	-0.546783	-82.007212	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4201
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353724	12.718674	0.388280
0.000954	0.998108	17.954912	
0.25000	0.353724	25.514126	0.388280
0.000954	0.522551	58.401868	
0.50000	0.353724	56.089178	0.388280
0.000954	0.078715	82.154501	
0.75000	0.353724	89.402483	0.388280
0.000954	0.362671	60.569348	
1.00000	0.353724	118.646709	0.388280
0.000954	0.726047	22.593472	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391271	-119.677083	-0.300982
-0.001194	-0.783757	-75.973972	
0.25000	-0.391271	-90.437185	-0.300982
-0.001194	-0.409203	-31.278959	
0.50000	-0.391271	-57.121731	-0.300982
-0.001194	-0.049643	-31.295951	
0.75000	-0.391271	-26.518951	-0.300982
-0.001194	-0.463100	-31.436146	
1.00000	-0.391271	-13.639498	-0.300982
-0.001194	-0.943316	-75.950732	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353724	12.718674	0.388280
0.001066	0.998108	20.382114	
0.25000	0.353724	33.027827	0.388280
0.001066	0.522551	78.135845	
0.50000	0.353724	62.287860	0.388280
0.001066	0.078715	102.064504	
0.75000	0.353724	89.805324	0.388280
0.001066	0.362671	80.430458	
1.00000	0.353724	118.901861	0.388280
0.001066	0.726047	23.894885	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391271	-120.075159	-0.300982
-0.001299	-0.783757	-83.076373	
0.25000	-0.391271	-90.905383	-0.300982
-0.001299	-0.409203	-32.240639	
0.50000	-0.391271	-63.399317	-0.300982
-0.001299	-0.053595	-31.519164	
0.75000	-0.391271	-34.132512	-0.300982
-0.001299	-0.463100	-31.820608	
1.00000	-0.391271	-13.639498	-0.300982
-0.001299	-0.943316	-82.007212	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353724	12.718674	0.388280
0.001066	0.998108	20.382114	
0.25000	0.353724	33.027827	0.388280
0.001066	0.522551	78.135845	
0.50000	0.353724	62.287860	0.388280
0.001066	0.078715	102.064504	
0.75000	0.353724	89.805324	0.388280
0.001066	0.362671	80.430458	
1.00000	0.353724	118.901861	0.388280
0.001066	0.726047	23.894885	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391271	-120.075159	-0.300982
-0.001299	-0.783757	-83.076373	
0.25000	-0.391271	-90.905383	-0.300982
-0.001299	-0.409203	-32.240639	
0.50000	-0.391271	-63.399317	-0.300982
-0.001299	-0.053595	-31.519164	
0.75000	-0.391271	-34.132512	-0.300982
-0.001299	-0.463100	-31.820608	
1.00000	-0.391271	-13.639498	-0.300982
-0.001299	-0.943316	-82.007212	

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123875	0.316159	0.087402
0.000262	0.215914	6.770937	
0.25000	0.123875	0.339966	0.087402
0.000262	0.107259	6.784993	
0.50000	0.123875	0.371358	0.087402
0.000262	0.021743	6.890528	
0.75000	0.123875	0.400874	0.087402
0.000262	0.117978	7.149687	
1.00000	0.123875	0.432131	0.087402
0.000262	0.234707	7.487064	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107933	-0.644797	-0.093892
-0.000777	-0.232258	-2.682696	
0.25000	-0.107933	-0.613520	-0.093892
-0.000777	-0.115519	-2.461570	
0.50000	-0.107933	-0.584007	-0.093892
-0.000777	-0.007357	-2.293886	
0.75000	-0.107933	-0.552614	-0.093892
-0.000777	-0.110126	-2.127415	
1.00000	-0.107933	-0.528766	-0.093892
-0.000777	-0.218796	-2.014521	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.205807	11.234512	0.147812
0.000370	0.382078	23.850555	
0.25000	0.205807	33.422708	0.147812
0.000370	0.207209	81.410710	
0.50000	0.205807	62.679736	0.147812
0.000370	0.082086	104.349961	
0.75000	0.205807	90.188799	0.147812
0.000370	0.175989	82.146966	
1.00000	0.205807	119.320219	0.147812
0.000370	0.319939	25.057137	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.177404	-119.712773	-0.123390
-0.000971	-0.324236	-82.032041	
0.25000	-0.177404	-90.562379	-0.123390
-0.000971	-0.171936	-31.335277	
0.50000	-0.177404	-63.056261	-0.123390
-0.000971	-0.050395	-30.446933	
0.75000	-0.177404	-33.797855	-0.123390
-0.000971	-0.200862	-30.689042	
1.00000	-0.177404	-11.571977	-0.123390
-0.000971	-0.380852	-80.864935	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200772	8.018362	0.172351
0.000631	0.449604	23.814894	
0.25000	0.200772	23.123952	0.172351
0.000631	0.241812	62.894149	
0.50000	0.200772	43.041961	0.172351
0.000631	0.080868	78.574371	
0.75000	0.200772	61.769966	0.172351
0.000631	0.119947	63.135786	
1.00000	0.200772	81.602462	0.172351
0.000631	0.366639	25.413447	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.211940	-82.098457	-0.144069
-0.001102	-0.370704	-58.803517	
0.25000	-0.211940	-62.253044	-0.144069
-0.001102	-0.192258	-24.114357	
0.50000	-0.211940	-43.527044	-0.144069
-0.001102	-0.012362	-23.334471	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4203
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.211940	-23.608097	-0.144069
-0.001102	-0.215973	-23.324190	
1.00000	-0.211940	-8.476853	-0.144069
-0.001102	-0.427396	-57.308529	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221591	6.746806	0.191954
0.000767	0.495056	22.293009	
0.25000	0.221591	19.281231	0.191954
0.000767	0.261773	54.718384	
0.50000	0.221591	35.808941	0.191954
0.000767	0.076793	67.781983	
0.75000	0.221591	51.349201	0.191954
0.000767	0.226287	55.621790	
1.00000	0.221591	67.805952	0.191954
0.000767	0.436045	23.949188	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.241778	-68.300511	-0.173019
-0.000946	-0.441684	-50.307498	
0.25000	-0.241778	-51.833041	-0.173019
-0.000946	-0.227132	-21.442819	
0.50000	-0.241778	-36.294445	-0.173019
-0.000946	-0.039315	-20.715622	
0.75000	-0.241778	-19.765957	-0.173019
-0.000946	-0.239741	-20.627034	
1.00000	-0.241778	-7.210244	-0.173019
-0.000946	-0.476034	-48.746748	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070134	9.287898	0.063957
0.000193	0.178223	15.980170	
0.25000	0.070134	27.857418	0.063957
0.000193	0.106456	64.155990	
0.50000	0.070134	52.342914	0.063957
0.000193	0.055957	83.300121	
0.75000	0.070134	75.365520	0.063957
0.000193	0.048438	64.549325	
1.00000	0.070134	99.745893	0.063957
0.000193	0.071570	16.551634	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.062246	-99.944599	-0.024980
-0.000204	-0.078278	-67.103807	
0.25000	-0.062246	-75.548346	-0.024980
-0.000204	-0.048157	-24.779747	
0.50000	-0.062246	-52.528205	-0.024980
-0.000204	-0.037617	-24.140846	
0.75000	-0.062246	-28.041555	-0.024980
-0.000204	-0.087351	-24.448033	
1.00000	-0.062246	-9.440499	-0.024980
-0.000204	-0.163590	-66.545296	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093377	8.815896	0.113479
0.000519	0.303172	19.717040	
0.25000	0.093377	26.099833	0.113479
0.000519	0.174117	64.475140	
0.50000	0.093377	48.890179	0.113479
0.000519	0.069047	82.341513	
0.75000	0.093377	70.318913	0.113479
0.000519	0.108209	65.122090	
1.00000	0.093377	93.011414	0.113479
0.000519	0.194004	20.795511	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136408	-93.356878	-0.074943
-0.000342	-0.202515	-64.665830	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4204
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.136408	-70.649597	-0.074943
-0.000342	-0.110139	-25.148608	
0.50000	-0.136408	-49.223158	-0.074943
-0.000342	-0.041008	-24.430649	
0.75000	-0.136408	-26.431738	-0.074943
-0.000342	-0.141380	-24.593279	
1.00000	-0.136408	-9.118440	-0.074943
-0.000342	-0.279223	-63.652827	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.175273	6.750190	0.156073
0.000693	0.407877	21.978014	
0.25000	0.175273	18.984646	0.156073
0.000693	0.219187	53.496535	
0.50000	0.175273	35.116821	0.156073
0.000693	0.074090	66.188219	
0.75000	0.175273	50.285177	0.156073
0.000693	0.172919	54.344286	
1.00000	0.175273	66.348092	0.156073
0.000693	0.329335	23.533140	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.206276	-66.829901	-0.130005
-0.000930	-0.334008	-48.674603	
0.25000	-0.206276	-50.756523	-0.130005
-0.000930	-0.172905	-20.522177	
0.50000	-0.206276	-35.589792	-0.130005
-0.000930	-0.012754	-19.863858	
0.75000	-0.206276	-19.456857	-0.130005
-0.000930	-0.192910	-19.768865	
1.00000	-0.206276	-7.201623	-0.130005
-0.000930	-0.384595	-47.237103	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220877	5.703664	0.183118
0.000814	0.472402	20.473691	
0.25000	0.220877	15.952611	0.183118
0.000814	0.249168	46.956024	
0.50000	0.220877	29.867721	0.183118
0.000814	0.070731	57.662126	
0.75000	0.220877	42.173429	0.183118
0.000814	0.214890	47.808863	
1.00000	0.220877	55.629519	0.183118
0.000814	0.417222	22.069066	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246709	-56.087932	-0.166248
-0.000770	-0.423634	-42.229154	
0.25000	-0.246709	-42.623077	-0.166248
-0.000770	-0.217392	-18.570555	
0.50000	-0.246709	-29.917730	-0.166248
-0.000770	-0.035073	-17.918957	
0.75000	-0.246709	-16.402983	-0.166248
-0.000770	-0.226184	-17.789527	
1.00000	-0.246709	-6.136631	-0.166248
-0.000770	-0.451923	-40.725005	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.128662	0.109382	0.083949
0.000334	0.209499	3.148106	
0.25000	0.128662	0.133189	0.083949
0.000334	0.105218	3.302580	
0.50000	0.128662	0.164581	0.083949
0.000334	0.013321	3.436229	
0.75000	0.128662	0.194097	0.083949
0.000334	0.111770	3.539217	
1.00000	0.128662	0.225354	0.083949
0.000334	0.225441	3.606793	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4205
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.134378	-0.296006	-0.091434
-4.65E-06	-0.229299	-2.335630	
0.25000	-0.134378	-0.264729	-0.091434
-4.65E-06	-0.115606	-2.166025	
0.50000	-0.134378	-0.235216	-0.091434
-4.65E-06	-0.006241	-2.049862	
0.75000	-0.134378	-0.203823	-0.091434
-4.65E-06	-0.103707	-1.934912	
1.00000	-0.134378	-0.179975	-0.091434
-4.65E-06	-0.208089	-1.873539	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.172788	0.596763	0.134432
0.000637	0.338517	6.976036	
0.25000	0.172788	3.103975	0.134432
0.000637	0.171690	8.857377	
0.50000	0.172788	2.252725	0.134432
0.000637	0.027282	9.747392	
0.75000	0.172788	3.138210	0.134432
0.000637	0.178844	9.299102	
1.00000	0.172788	4.075916	0.134432
0.000637	0.359771	7.848248	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.208458	-4.266345	-0.145767
-9.55E-05	-0.366128	-6.542996	
0.25000	-0.208458	-3.328027	-0.145767
-9.55E-05	-0.184871	-4.707318	
0.50000	-0.208458	-2.442637	-0.145767
-9.55E-05	-0.012353	-4.474915	
0.75000	-0.208458	-1.500843	-0.145767
-9.55E-05	-0.166530	-4.278901	
1.00000	-0.208458	-0.785418	-0.145767
-9.55E-05	-0.333510	-5.690197	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184698	1.084227	0.163092
0.000795	0.420453	11.944800	
0.25000	0.184698	2.219824	0.163092
0.000795	0.218656	14.834092	
0.50000	0.184698	3.717207	0.163092
0.000795	0.042829	16.167355	
0.75000	0.184698	5.125128	0.163092
0.000795	0.186772	15.496717	
1.00000	0.184698	6.616881	0.163092
0.000795	0.375316	13.250467	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232059	-6.940882	-0.152047
-0.000314	-0.382407	-9.568490	
0.25000	-0.232059	-5.448957	-0.152047
-0.000314	-0.193356	-6.681252	
0.50000	-0.232059	-4.041187	-0.152047
-0.000314	-0.017186	-6.343221	
0.75000	-0.232059	-2.543734	-0.152047
-0.000314	-0.190862	-6.063047	
1.00000	-0.232059	-1.406208	-0.152047
-0.000314	-0.393140	-8.338498	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228245	6.554737	0.184551
0.000821	0.477566	20.582760	
0.25000	0.228245	18.660635	0.184551
0.000821	0.253315	51.923920	
0.50000	0.228245	34.623295	0.184551
0.000821	0.072299	64.520998	
0.75000	0.228245	49.632263	0.184551
0.000821	0.215002	52.762736	
1.00000	0.228245	65.526391	0.184551
0.000821	0.415539	22.113449	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4206
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259712	-65.947887	-0.165439
-0.000596	-0.423929	-48.620730	
0.25000	-0.259712	-50.043407	-0.165439
-0.000596	-0.218773	-20.755646	
0.50000	-0.259712	-35.036045	-0.165439
-0.000596	-0.037895	-20.066080	
0.75000	-0.259712	-19.072634	-0.165439
-0.000596	-0.229012	-19.993290	
1.00000	-0.259712	-6.946176	-0.165439
-0.000596	-0.456181	-47.164415	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193659	0.353859	0.120412
0.000227	0.306428	6.607853	
0.25000	0.193659	0.361919	0.120412
0.000227	0.157946	6.810059	
0.50000	0.193659	0.381127	0.120412
0.000227	0.024971	7.037806	
0.75000	0.193659	0.402050	0.120412
0.000227	0.171104	7.311761	
1.00000	0.193659	0.420417	0.120412
0.000227	0.356460	7.599131	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.214258	-0.696792	-0.143974
-0.000667	-0.360880	-4.135930	
0.25000	-0.214258	-0.678425	-0.143974
-0.000667	-0.182506	-4.058676	
0.50000	-0.214258	-0.657498	-0.143974
-0.000667	-0.011969	-4.000910	
0.75000	-0.214258	-0.638287	-0.143974
-0.000667	-0.143177	-3.959302	
1.00000	-0.214258	-0.630216	-0.143974
-0.000667	-0.291977	-3.937591	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.354723	13.036004	0.216216
0.000303	0.559702	21.919375	
0.25000	0.354723	25.866938	0.216216
0.000303	0.306415	61.954907	
0.50000	0.354723	56.445993	0.216216
0.000303	0.088759	84.993073	
0.75000	0.354723	89.756006	0.216216
0.000303	0.252054	62.790420	
1.00000	0.354723	118.996115	0.216216
0.000303	0.463267	23.558003	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.325732	-119.503053	-0.185633
-0.000806	-0.489918	-75.997743	
0.25000	-0.325732	-90.260750	-0.185633
-0.000806	-0.260200	-31.356851	
0.50000	-0.325732	-56.947977	-0.185633
-0.000806	-0.047935	-31.019424	
0.75000	-0.325732	-26.364335	-0.185633
-0.000806	-0.279998	-30.988679	
1.00000	-0.325732	-13.514247	-0.185633
-0.000806	-0.543370	-75.408798	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.336288	9.663155	0.261723
0.000517	0.680560	22.557227	
0.25000	0.336288	18.773763	0.261723
0.000517	0.368971	51.122216	
0.50000	0.336288	40.486429	0.261723
0.000517	0.090333	67.699796	
0.75000	0.336288	64.138212	0.261723
0.000517	0.283500	52.243559	
1.00000	0.336288	84.900159	0.261723
0.000517	0.539613	24.780960	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4207
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.349245	-85.534550	-0.217968

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-0.000916   -0.565703   -58.524273
0.25000     -0.349245   -64.772473     -0.217968
-0.000916   -0.297343   -26.801647
0.50000     -0.349245   -41.117303     -0.217968
-0.000916   -0.046667   -26.536336
0.75000     -0.349245   -19.401380     -0.217968
-0.000916   -0.322397   -26.488807
1.00000     -0.349245   -10.277172     -0.217968
-0.000916   -0.642709   -58.003721

COMB DL-G1-4 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.364983    8.148175    0.302455
0.000624    0.782325    21.485172
0.25000     0.364983    15.710125   0.302455
 0.000624   0.418094    45.286548
0.50000     0.364983    33.731983   0.302455
 0.000624   0.086732    59.143394
0.75000     0.364983    53.363340   0.302455
 0.000624   0.335736    46.448015
1.00000     0.364983    70.596086   0.302455
 0.000624   0.652308    23.813410

COMB DL-G1-4 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.417150   -71.233574    -0.264467
-0.000786   -0.680852   -50.911996
0.25000     -0.417150   -54.000720    -0.264467
-0.000786   -0.354130   -24.585833
0.50000     -0.417150   -34.366552    -0.264467
-0.000786   -0.045385   -24.369738
0.75000     -0.417150   -16.341990    -0.264467
-0.000786   -0.369166   -24.334231
1.00000     -0.417150   -8.768752     -0.264467
-0.000786   -0.740701   -50.496204

COMB DL-G2-1 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.154764    9.117640    0.098469
0.000157    0.284515    13.085519
0.25000     0.154764    18.112189   0.098469
 0.000157   0.148272    40.993381
0.50000     0.154764    39.548260   0.098469
 0.000157   0.053321    56.992028
0.75000     0.154764    62.898747   0.098469
 0.000157   0.060816    41.398350
1.00000     0.154764    51.996210   0.098469
 0.000157   0.095355    13.854607

COMB DL-G2-1 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.112844   -83.640371    -0.037937
-0.000173   -0.113075   -51.798667
0.25000     -0.112844   -63.142778    -0.037937
-0.000173   -0.066171   -20.534192
0.50000     -0.112844   -39.788948    -0.037937
-0.000173   -0.026865   -20.326202
0.75000     -0.112844   -18.349662    -0.037937
-0.000173   -0.129470   -20.333262
1.00000     -0.112844   -9.341685     -0.037937
-0.000173   -0.248800   -51.500511

COMB DL-G2-2 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.174444    8.911976    0.182645
0.000419    0.479958    17.199741
0.25000     0.174444    17.495484   0.182645
 0.000419   0.265397    43.998711
0.50000     0.174444    37.951950   0.182645
 0.000419   0.070228    59.470611
0.75000     0.174444    60.235344   0.182645
 0.000419   0.158951    44.756229
1.00000     0.174444    79.796095   0.182645
 0.000419   0.294850    18.697541
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4208

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.200161   -80.217371    -0.119781
-0.000300   -0.093946   -52.893946
0.25000     -0.200161   -60.656497    -0.119781
-0.000300   -0.172187   -23.052442
0.50000     -0.200161   -38.369912    -0.119781
-0.000300   -0.037229   -22.847913
0.75000     -0.200161   -17.910378    -0.119781
-0.000300   -0.226655   -22.848929
1.00000     -0.200161   -9.314056     -0.119781
-0.000300   -0.449481   -52.586218

COMB DL-G2-3 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.308351    6.390150    0.250632
0.000575    0.652900    19.487613
0.25000     0.308351    11.968221   0.250632
 0.000575   0.350561    36.895196
0.50000     0.308351    25.262043   0.250632
 0.000575   0.076334    47.080714
0.75000     0.308351    39.743111   0.250632
 0.000575   0.242250    38.003467
1.00000     0.308351    52.454844   0.250632
 0.000575   0.469857    21.653852

COMB DL-G2-3 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.324882   -53.052592    -0.191441
-0.000791   -0.495195   -39.360500
0.25000     -0.324882   -40.340778    -0.191441
-0.000791   -0.258791   -19.922372
0.50000     -0.324882   -25.857637    -0.191441
-0.000791   -0.038112   -19.744446
0.75000     -0.324882   -12.561821    -0.191441
-0.000791   -0.301149   -19.699615
1.00000     -0.324882   -6.975423     -0.191441
-0.000791   -0.607707   -38.979044

COMB DL-G2-4 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.366832    5.440748    0.305020
0.000675    0.787804    18.780310
0.25000     0.366832    10.119364   0.305020
 0.000675   0.416757    33.506451
0.50000     0.366832    21.269579   0.305020
 0.000675   0.075152    42.170490
0.75000     0.366832    33.415598   0.305020
 0.000675   0.304826    34.664437
1.00000     0.366832    44.077585   0.305020
 0.000675   0.600802    21.067729

COMB DL-G2-4 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.411756   -44.677288    -0.244820
-0.000653   -0.627259   -35.331511
0.25000     -0.411756   -34.015234    -0.244820
-0.000653   -0.324167   -19.034688
0.50000     -0.411756   -21.867476    -0.244820
-0.000653   -0.038338   -18.892392
0.75000     -0.411756   -10.715589    -0.244820
-0.000653   -0.366697   -18.861741
1.00000     -0.411756   -6.029988     -0.244820
-0.000653   -0.741525   -35.039280

COMB DL-G3-1 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.196851    0.154645    0.159856
0.000286    0.403390    3.718312
0.25000     0.196851    0.152705    0.159856
0.000286    0.204797    3.922762
0.50000     0.196851    0.181912    0.159856
0.000286    0.017095    4.120530
0.75000     0.196851    0.202836    0.159856
0.000286    0.160539    4.292480
1.00000     0.196851    0.221203    0.159856
0.000286    0.326807    4.459671
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4209

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.237732   -0.368174     -0.133153
-4.31E-06   -0.333956   -3.688758
0.25000     -0.237732   -0.349807     -0.133153
-4.31E-06   -0.167820   -3.670128
0.50000     -0.237732   -0.328881     -0.133153
-4.31E-06   -0.009349   -3.672913
0.75000     -0.237732   -0.309670     -0.133153
-4.31E-06   -0.192757   -3.688729
1.00000     -0.237732   -0.301598     -0.133153
-4.31E-06   -0.391545   -3.726016

COMB DL-G3-2 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.267065    0.616301    0.249039
0.000534    0.634280    7.610184
0.25000     0.267065    0.882269    0.249039
0.000534    0.325813    8.708449
0.50000     0.267065    1.516131    0.249039
0.000534    0.033059    9.471775
0.75000     0.267065    2.206603    0.249039
0.000534    0.271563    9.360613
1.00000     0.267065    2.812710    0.249039
0.000534    0.550788    8.946773

COMB DL-G3-2 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.366150   -3.105202     -0.224670
-9.15E-05   -0.567174   -7.974181
0.25000     -0.366150   -2.499091     -0.224670
-9.15E-05   -0.287573   -7.049893
0.50000     -0.366150   -1.808521     -0.224670
-9.15E-05   -0.018646   -7.043874
0.75000     -0.366150   -1.174563     -0.224670
-9.15E-05   -0.299138   -7.044148
1.00000     -0.366150   -0.908198     -0.224670
-9.15E-05   -0.607691   -7.944058

COMB DL-G3-3 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.296091    0.689004    0.288604
0.000674    0.741140    11.759493
0.25000     0.296091    0.696258    0.288604
0.000674    0.384514    12.029560
0.50000     0.296091    0.713545    0.288604
0.000674    0.048141    12.412221
0.75000     0.296091    0.732376    0.288604
0.000674    0.273909    13.008441
1.00000     0.296091    0.748906    0.288604
0.000674    0.557121    13.702260

COMB DL-G3-3 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.381782   -1.202663     -0.228070
-0.000284   -0.575455   -8.987950
0.25000     -0.381782   -1.186133     -0.228070
-0.000284   -0.292358   -8.955034
0.50000     -0.381782   -1.167299     -0.228070
-0.000284   -0.024525   -8.946869
0.75000     -0.381782   -1.150009     -0.228070
-0.000284   -0.339393   -8.948566
1.00000     -0.381782   -1.142745     -0.228070
-0.000284   -0.696650   -8.955813

COMB DL-G3-4 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.389406    5.814367    0.320258
0.000684    0.824841    18.432302
0.25000     0.389406    10.891935   0.320258
 0.000684   0.434404    34.380930
0.50000     0.389406    22.992943   0.320258
 0.000684   0.074536    43.273954
0.75000     0.389406    36.174669   0.320258
 0.000684   0.302559    35.513142
1.00000     0.389406    47.745818   0.320258
 0.000684   0.596904    20.657542
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4210

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.432059   -48.314025    -0.243314
-0.000519   -0.623348   -37.378087
0.25000     -0.432059   -36.742803    -0.243314
-0.000519   -0.321516   -19.685959
0.50000     -0.432059   -23.559189    -0.243314
-0.000519   -0.038629   -19.547252
0.75000     -0.432059   -11.456366    -0.243314
-0.000519   -0.386312   -19.530963
1.00000     -0.432059   -6.371218     -0.243314
-0.000519   -0.780895   -37.104949

COMB      DB ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.228245    11.234512   0.191954
 0.000821   0.495056    23.850555
0.25000     0.228245    33.422708   0.191954
 0.000821   0.261773    81.410710
0.50000     0.228245    62.679736   0.191954
 0.000821   0.082086    104.349961
0.75000     0.228245    90.188799   0.191954
 0.000821   0.226287    82.146966
1.00000     0.228245    119.320219  0.191954
 0.000821   0.436045    25.413447

COMB      DB ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.259712   -119.712773   -0.173019
-0.001102   -0.441684   -82.032041
0.25000     -0.259712   -90.562379    -0.173019
-0.001102   -0.227132   -31.335277
0.50000     -0.259712   -63.056261    -0.173019
-0.001102   -0.012595   -31.019333
0.75000     -0.259712   -33.797855    -0.173019
-0.001102   -0.239741   -30.689042
1.00000     -0.259712   -11.571977    -0.173019
-0.001102   -0.476034   -80.864935

COMB      DL ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.389406    13.036004   0.320258
 0.000684   0.824841    22.557527
0.25000     0.389406    25.866938   0.320258
 0.000684   0.434404    61.954907
0.50000     0.389406    56.445993   0.320258
 0.000684   0.090333    84.993073
0.75000     0.389406    89.756006   0.320258
 0.000684   0.335736    62.790420
1.00000     0.389406    118.996115  0.320258
 0.000684   0.652308    24.780960

COMB      DL ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.432059   -119.503053   -0.264467
-0.000916   -0.680852   -75.997743
0.25000     -0.432059   -90.262760    -0.264467
-0.000916   -0.354130   -31.356851
0.50000     -0.432059   -56.994370    -0.264467
-0.000916   -0.047935   -31.019424
0.75000     -0.432059   -26.364335    -0.264467
-0.000916   -0.386312   -30.988679
1.00000     -0.432059   -13.514247    -0.264467
-0.000916   -0.780895   -75.408798

COMB      CAR ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.389406    13.036004   0.320258
 0.000821   0.824841    23.850555
0.25000     0.389406    33.422708   0.320258
 0.000821   0.434404    81.410710
0.50000     0.389406    62.679736   0.320258
 0.000821   0.090333    104.349961
0.75000     0.389406    90.188799   0.320258
 0.000821   0.335736    82.146966
1.00000     0.389406    119.320219  0.320258
 0.000821   0.652308    25.413447
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4211

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.432059   -119.712773   -0.264467
-0.001102   -0.680852   -82.032041
0.25000     -0.432059   -90.562379    -0.264467
-0.001102   -0.354130   -31.356851
0.50000     -0.432059   -63.056261    -0.264467
-0.001102   -0.050395   -31.019424
0.75000     -0.432059   -33.797855    -0.264467
-0.001102   -0.386312   -30.988679
1.00000     -0.432059   -13.514247    -0.264467
-0.001102   -0.780895   -80.864935

COMB   DESIGN ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.389406    13.036004   0.320258
 0.000821   0.824841    23.850555
0.25000     0.389406    33.422708   0.320258
 0.000821   0.434404    81.410710
0.50000     0.389406    62.679736   0.320258
 0.000821   0.090333    104.349961
0.75000     0.389406    90.188799   0.320258
 0.000821   0.335736    82.146966
1.00000     0.389406    119.320219  0.320258
 0.000821   0.652308    25.413447

COMB   DESIGN ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.432059   -119.712773   -0.264467
-0.001102   -0.680852   -82.032041
0.25000     -0.432059   -90.562379    -0.264467
-0.001102   -0.354130   -31.356851
0.50000     -0.432059   -63.056261    -0.264467
-0.001102   -0.050395   -31.019424
0.75000     -0.432059   -33.797855    -0.264467
-0.001102   -0.386312   -30.988679
1.00000     -0.432059   -13.514247    -0.264467
-0.001102   -0.780895   -80.864935

ELEM      406 ================== LENGTH
=     4.972749

COMB DB-G1-1 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.134945    0.429024    0.091637
0.000528    0.225356    7.486435
0.25000     0.134945    0.452843    0.091637
0.000528    0.111459    7.313506
0.50000     0.134945    0.484234    0.091637
0.000528    0.002648    7.226788
0.75000     0.134945    0.513746    0.091637
0.000528    0.122845    7.291567
1.00000     0.134945    0.545009    0.091637
0.000528    0.243664    7.445087

COMB DB-G1-1 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.112778   -0.532527     -0.097247
-0.000527   -0.240139   -2.012105
0.25000     -0.112778   -0.501266     -0.097247
-0.000527   -0.119242   -1.805312
0.50000     -0.112778   -0.471752     -0.097247
-0.000527   -0.005247   -1.651984
0.75000     -0.112778   -0.440362     -0.097247
-0.000527   -0.116427   -1.549184
1.00000     -0.112778   -0.416545     -0.097247
-0.000527   -0.230361   -1.727668

COMB DB-G1-2 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.226232    11.426413   0.137135
 0.000731   0.351941    25.054259
0.25000     0.226232    33.625431   0.137135
 0.000731   0.191189    82.394330
0.50000     0.226232    62.881636   0.137135
 0.000731   0.083613    104.872497
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4212

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P           V2          V3
         T          M2          M3
0.75000     0.226232    90.387375   0.137135
 0.000731   0.198193    82.351230
1.00000     0.226232    119.524148  0.137135
 0.000731   0.360625    24.982895

COMB DB-G1-2 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.190189   -119.499382   -0.138568
-0.000682   -0.352678   -80.865608
0.25000     -0.190189   -90.364385    -0.138568
-0.000682   -0.185959   -30.249078
0.50000     -0.190189   -62.857564    -0.138568
-0.000682   -0.047031   -29.461296
0.75000     -0.190189   -33.601515    -0.138568
-0.000682   -0.192421   -29.911617
1.00000     -0.190189   -11.404173    -0.138568
-0.000682   -0.360813   -80.491855

COMB DB-G1-3 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.219811    8.268185    0.146174
0.000891    0.371024    25.405661
0.25000     0.219811    23.381144   0.146174
 0.000891   0.199878    64.130947
0.50000     0.219811    43.298592   0.146174
 0.000891   0.082940    79.286312
0.75000     0.219811    62.024334   0.146174
 0.000891   0.205527    64.077427
1.00000     0.219811    81.860474   0.146174
 0.000891   0.389597    25.307482

COMB DB-G1-3 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.225755   -81.828366    -0.152964
-0.000889   -0.386665   -57.311256
0.25000     -0.225755   -61.993435    -0.152964
-0.000889   -0.200240   -22.680822
0.50000     -0.225755   -43.266957    -0.152964
-0.000889   -0.037681   -21.973500
0.75000     -0.225755   -23.349614    -0.152964
-0.000889   -0.196625   -22.146106
1.00000     -0.225755   -8.231597     -0.152964
-0.000889   -0.376907   -56.721044

COMB DB-G1-4 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.243305    6.989333    0.169085
0.000857    0.427319    23.937934
0.25000     0.243305    19.529873   0.169085
 0.000857   0.226174    55.986416
0.50000     0.243305    36.057117   0.169085
 0.000857   0.079083    68.514249
0.75000     0.243305    51.595499   0.169085
 0.000857   0.231379    55.932751
1.00000     0.243305    68.055274   0.169085
 0.000857   0.446613    23.838385

COMB DB-G1-4 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.254688   -68.022742    -0.177190
-0.000856   -0.447461   -48.750836
0.25000     -0.254688   -51.563970    -0.177190
-0.000856   -0.230295   -19.929068
0.50000     -0.254688   -36.024978    -0.177190
-0.000856   -0.034300   -19.256265
0.75000     -0.254688   -19.497821    -0.177190
-0.000856   -0.221928   -19.322601
1.00000     -0.254688   -6.958228     -0.177190
-0.000856   -0.430947   -48.084125

COMB DB-G2-1 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.077664    9.378765    0.037406
0.000202    0.111473    16.547729
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4213

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST            P           V2          V3
         T          M2          M3
0.25000     0.077664    27.957343   0.037406
 0.000202   0.073203    64.656642
0.50000     0.077664    52.442149   0.037406
 0.000202   0.056646    83.534068
0.75000     0.077664    75.461974   0.037406
 0.000202   0.062249    64.632143
1.00000     0.077664    99.846826   0.037406
 0.000202   0.093400    16.511921

COMB DB-G2-1 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.069858   -99.833158    -0.033474
-0.000202   -0.092208   -66.549181
0.25000     -0.069858   -75.449791    -0.033474
-0.000202   -0.055242   -24.679694
0.50000     -0.069858   -52.439062    -0.033474
-0.000202   -0.036163   -23.712380
0.75000     -0.069858   -27.944385    -0.033474
-0.000202   -0.061173   -24.145312
1.00000     -0.069858   -9.367211     -0.033474
-0.000202   -0.102638   -66.401709

COMB DB-G2-2 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.107594    8.984303    0.078228
0.000440    0.206425    20.786566
0.25000     0.107594    26.272672   0.078228
 0.000440   0.121549    65.340510
0.50000     0.107594    49.066376   0.078228
 0.000440   0.070507    82.795880
0.75000     0.107594    70.492521   0.078228
 0.000440   0.113992    65.301113
1.00000     0.107594    93.189191   0.078228
 0.000440   0.206220    20.718887

COMB DB-G2-2 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.144668   -93.165789    -0.079762
-0.000440   -0.208267   -63.637597
0.25000     -0.144668   -70.470502    -0.079762
-0.000440   -0.113379   -24.189185
0.50000     -0.144668   -49.043515    -0.079762
-0.000440   -0.037993   -23.534871
0.75000     -0.144668   -26.253932    -0.079762
-0.000440   -0.110940   -23.829942
1.00000     -0.144668   -8.962869     -0.079762
-0.000440   -0.206538   -63.265228

COMB DB-G2-3 ------------------- MAX

REL DIST            P           V2          V3
         T          M2          M3
0.00000     0.195903    6.994751    0.129326
0.000839    0.328253    23.522991
0.25000     0.195903    19.235176   0.129326
 0.000839   0.177588    54.688338
0.50000     0.195903    35.366896   0.129326
 0.000839   0.076126    66.870266
0.75000     0.195903    50.533419   0.129326
 0.000839   0.179539    54.636156
1.00000     0.195903    66.599285   0.129326
 0.000839   0.342754    23.425512

COMB DB-G2-3 ------------------- MIN

REL DIST            P           V2          V3
         T          M2          M3
0.00000     -0.218368   -66.567292    -0.135244
-0.000837   -0.342390   -47.241926
0.25000     -0.218368   -50.502405    -0.135244
-0.000837   -0.177248   -19.134093
0.50000     -0.218368   -35.335286    -0.135244
-0.000837   -0.032462   -18.501574
0.75000     -0.218368   -19.203651    -0.135244
-0.000837   -0.172189   -18.588605
1.00000     -0.218368   -6.964151     -0.135244
-0.000837   -0.331812   -46.641242
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD          >
                                4214

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX
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REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.239977    5.919215    0.159607
0.000769    0.403152   22.054894
0.25000    0.239977   16.173161    0.159607
 0.000769    0.212912   48.168850
0.50000    0.239977   29.686890    0.159607
 0.000769    0.072984   58.370929
0.75000    0.239977   42.392063    0.159607
 0.000769    0.215404   48.117229
1.00000    0.239977   55.850626    0.159607
 0.000769    0.419077   21.958234

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.260729  -55.819125   -0.167109
-0.000768   -0.422478   -40.731612
0.25000   -0.260729  -42.361382   -0.167109
-0.000768   -0.217190   -17.103002
0.50000   -0.260729  -29.655710   -0.167109
-0.000768   -0.030051   -16.490783
0.75000   -0.260729  -16.142052   -0.167109
-0.000768   -0.207236   -16.489410
1.00000   -0.260729   -5.888881   -0.167109
-0.000768   -0.404741   -40.058515

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.133897    0.112314    0.082033
7.24E-06    0.205061    3.598556
0.25000    0.133897    0.136132    0.082033
7.24E-06    0.103073    3.633855
0.50000    0.133897    0.167523    0.082033
7.24E-06    0.014184    3.645345
0.75000    0.133897    0.170136    0.082033
7.24E-06    0.104030    3.621170
1.00000    0.133897    0.228298    0.082033
7.24E-06    0.210848    3.572552

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.141291   -0.237049   -0.085947
-7.25E-06   -0.216611   -1.878342
0.25000   -0.141291   -0.205788   -0.085947
-7.25E-06   -0.109761   -1.696672
0.50000   -0.141291   -0.176274   -0.085947
-7.25E-06   -0.004411   -1.568466
0.75000   -0.141291   -0.144884   -0.085947
-7.25E-06   -0.100908   -1.454893
1.00000   -0.141291   -0.121067   -0.085947
-7.25E-06   -0.202904   -1.616207

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.190390    0.659268    0.131000
0.000180    0.327918    7.835562
0.25000    0.190390    1.373829    0.131000
0.000180    0.165334    9.489548
0.50000    0.190390    2.315552    0.131000
0.000180    0.028827   10.126607
0.75000    0.190390    3.200930    0.131000
0.000180    0.167153    9.465805
1.00000    0.190390    4.138809    0.131000
0.000180    0.337781    7.784003

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.214967   -4.136322   -0.137467
-0.000181   -0.346638   -5.696705
0.25000   -0.214967   -3.185500   -0.137467
-0.000181   -0.175905   -3.846081
0.50000   -0.214967   -2.313087   -0.137467
-0.000181   -0.009197   -3.599387
0.75000   -0.214967   -1.371369   -0.137467
-0.000181   -0.161691   -3.415561
1.00000   -0.214967   -0.656862   -0.137467
-0.000181   -0.324495   -5.228920
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4215

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.198637    1.219084    0.136502
0.000400    0.342177   13.234165
0.25000    0.198637    2.355235    0.136502
0.000400    0.178261   15.791232
0.50000    0.198637    3.852575    0.136502
0.000400    0.044899   16.793317
0.75000    0.198637    5.250326    0.136502
0.000400    0.174286   15.752091
1.00000    0.198637    6.751554    0.136502
0.000400    0.351950   13.153322

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.243103   -6.738170   -0.143238
-0.000400   -0.361601   -8.347176
0.25000   -0.243103   -5.247033   -0.143238
-0.000400   -0.183789   -5.450083
0.50000   -0.243103   -3.839227   -0.143238
-0.000400   -0.012747   -5.103238
0.75000   -0.243103   -2.341895   -0.143238
-0.000400   -0.166609   -4.862530
1.00000   -0.243103   -1.205829   -0.143238
-0.000400   -0.338197   -7.705825

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.246931    6.739237    0.158655
0.000571    0.402769   22.098260
0.25000    0.246931   18.851041    0.158655
 0.000571    0.214533   53.095948
0.50000    0.246931   34.813251    0.158655
 0.000571    0.074542   65.218067
0.75000    0.246931   49.820406    0.158655
 0.000571    0.214129   53.045636
1.00000    0.246931   65.717454    0.158655
 0.000571    0.414836   22.003493

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.274733   -65.696249   -0.165328
-0.000570   -0.417890   -47.173014
0.25000   -0.274733   -49.800170   -0.165328
-0.000570   -0.217354   -19.336981
0.50000   -0.274733   -34.792425   -0.165328
-0.000570   -0.033030   -18.687556
0.75000   -0.274733   -18.830299   -0.165328
-0.000570   -0.206872   -18.738414
1.00000   -0.274733   -6.719411   -0.165328
-0.000570   -0.402963   -46.517983

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.209891    0.464583    0.114406
0.000430    0.282785    7.623700
0.25000    0.209891    0.472647    0.114406
0.000430    0.141983    7.601949
0.50000    0.209891    0.491855    0.114406
0.000430    0.026571    7.594711
0.75000    0.209891    0.512779    0.114406
0.000430    0.197182    7.633915
1.00000    0.209891    0.531147    0.114406
0.000430    0.381861    7.689030

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.240518   -0.560810   -0.149482
-0.000429   -0.364057   -3.955793
0.25000   -0.240518   -0.542442   -0.149482
-0.000429   -0.179432   -3.897492
0.50000   -0.240518   -0.521516   -0.149482
-0.000429   -0.010633   -3.866563
0.75000   -0.240518   -0.502318   -0.149482
-0.000429   -0.146274   -3.835650
1.00000   -0.240518   -0.494247   -0.149482
-0.000429   -0.287293   -3.832650
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4216

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.396390   13.253785    0.197747
 0.000567    0.499251   23.588154
0.25000    0.396390   26.091961    0.197747
 0.000567    0.270180   63.290561
0.50000    0.396390   56.671045    0.197747
 0.000567    0.091529   85.917122
0.75000    0.396390   89.982492    0.197747
 0.000567    0.292524   63.349861
1.00000    0.396390  119.224135    0.197747
 0.000567    0.525687   23.727859

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.371327  -119.268326   -0.201379
-0.000536   -0.512289   -75.440241
0.25000   -0.371327   -90.026319   -0.201379
-0.000536   -0.264397   -30.893105
0.50000   -0.371327   -56.711721   -0.201379
-0.000536   -0.045351   -30.632355
0.75000   -0.371327   -26.136457   -0.201379
-0.000536   -0.274975   -30.800057
1.00000   -0.371327   -13.299905   -0.201379
-0.000536   -0.518199   -75.248500

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.377787    9.924477    0.227951
0.000732    0.576710   24.792952
0.25000    0.377787   19.040221    0.227951
 0.000732    0.307038   52.881050
0.50000    0.377787   40.752908    0.227951
 0.000732    0.094140   68.926102
0.75000    0.377787   64.465128    0.227951
 0.000732    0.320296   52.974929
1.00000    0.377787   85.168745    0.227951
 0.000732    0.593073   24.995857

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.391689   -85.233896   -0.229831
-0.000703   -0.576125   -58.020407
0.25000   -0.391689   -64.470602   -0.229831
-0.000703   -0.292975   -26.363005
0.50000   -0.391689   -40.815563   -0.229831
-0.000703   -0.043019   -26.150559
0.75000   -0.391689   -19.105589   -0.229831
-0.000703   -0.302399   -26.242049
1.00000   -0.391689   -9.990992   -0.229831
-0.000703   -0.582724   -57.775383

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.410334    8.400976    0.263539
0.000713    0.666759   23.806128
0.25000    0.410334   15.967194    0.263539
 0.000713    0.350937   47.111136
0.50000    0.410334   33.989069    0.263539
 0.000713    0.090711   60.426828
0.75000    0.410334   53.621271    0.263539
 0.000713    0.364651   47.225731
1.00000    0.410334   70.854921    0.263539
 0.000713    0.690402   24.047519

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.463025   -70.927316   -0.270655
-0.000689   -0.677299   -50.492110
0.25000   -0.463025   -53.693451   -0.270655
-0.000689   -0.342785   -24.206017
0.50000   -0.463025   -34.059392   -0.270655
-0.000689   -0.041639   -24.019776
0.75000   -0.463025   -16.039767   -0.270655
-0.000689   -0.340475   -24.085834
1.00000   -0.463025   -8.474507   -0.270655
-0.000689   -0.665690   -50.249133
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4217

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.189501    9.223783    0.076042
0.000171    0.201435   13.851211
0.25000    0.189501   18.223409    0.076042
 0.000171    0.118245   41.622960
0.50000    0.189501   39.659501    0.076042
 0.000171    0.034658   57.408251
0.75000    0.189501   63.010992    0.076042
 0.000171    0.074640   41.656686
1.00000    0.189501   83.509531    0.076042
 0.000171    0.114344   13.938523

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.139483   -83.530325   -0.041813
-0.000170   -0.118157   -51.507437
0.25000   -0.139483   -63.031531   -0.041813
-0.000170   -0.067296   -20.292541
0.50000   -0.139483   -39.677830   -0.041813
-0.000170   -0.027493   -20.123731
0.75000   -0.139483   -18.244417   -0.041813
-0.000170   -0.109947   -20.254757
1.00000   -0.139483   -9.245929   -0.041813
-0.000170   -0.202231   -51.426978

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.214061    9.085043    0.145872
0.000364    0.376847   18.676611
0.25000    0.214061   17.673396    0.145872
 0.000364    0.208565   45.173209
0.50000    0.214061   38.129882    0.145872
 0.000364    0.073080   60.294754
0.75000    0.214061   60.414235    0.145872
 0.000364    0.173355   45.254806
1.00000    0.214061   79.976013    0.145872
 0.000364    0.313755   18.853597

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.229984   -80.021781   -0.122114
-0.000364   -0.316097   -52.574263
0.25000   -0.229984   -60.459760   -0.122114
-0.000364   -0.165828   -22.769541
0.50000   -0.229984   -38.173298   -0.122114
-0.000364   -0.034815   -22.591177
0.75000   -0.229984   -17.719369   -0.122114
-0.000364   -0.193056   -22.699085
1.00000   -0.229984   -9.132102   -0.122114
-0.000364   -0.372510   -52.429659

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.353214    6.631478    0.214010
0.000688    0.541176   21.647255
0.25000    0.353214   12.212697    0.214010
 0.000688    0.286166   38.592092
0.50000    0.353214   25.506532    0.214010
 0.000688    0.080087   48.260952
0.75000    0.353214   39.988223    0.214010
 0.000688    0.272493   38.691268
1.00000    0.353214   52.709923    0.214010
 0.000688    0.510672   21.856844

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.361886   -52.766989   -0.198445
-0.000686   -0.493272   -38.983460
0.25000   -0.361886   -40.054440   -0.198445
-0.000686   -0.248995   -19.579908
0.50000   -0.361886   -25.571379   -0.198445
-0.000686   -0.034753   -19.430016
0.75000   -0.361886   -12.270305   -0.198445
-0.000686   -0.276543   -19.465567
1.00000   -0.361886   -6.698692   -0.198445
-0.000686   -0.540155   -38.751580
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4218

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.410828    5.667445    0.263826
0.000635    0.666928   21.042051
0.25000    0.410828   10.348702    0.263826
 0.000635    0.347916   35.283236
0.50000    0.410828   21.498927    0.263826
 0.000635    0.079111   43.420156
0.75000    0.410828   33.645469    0.263826
 0.000635    0.328293   35.404464
1.00000    0.410828   44.308015    0.263826
 0.000635    0.628927   21.293212

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.449749   -44.382431   -0.247460
-0.000638   -0.615640   -35.024504
0.25000   -0.449749   -33.719752   -0.247460
-0.000638   -0.309671   -18.740365
0.50000   -0.449749   -21.572061   -0.247460
-0.000638   -0.034758   -18.605266
0.75000   -0.449749   -10.423228   -0.247460
-0.000638   -0.334159   -18.625686
1.00000   -0.449749   -5.749644   -0.247460
-0.000638   -0.659937   -34.792613

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.210545    0.187483    0.142226
6.12E-06    0.358637    4.426913
0.25000    0.210545    0.195547    0.142226
6.12E-06    0.182036    4.477630
0.50000    0.210545    0.214755    0.142226
6.12E-06    0.018467    4.520581
0.75000    0.210545    0.235579    0.142226
6.12E-06    0.156491    4.539553
1.00000    0.210545    0.254047    0.142226
6.12E-06    0.314827    4.544738

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.249469   -0.287516   -0.127200
-6.13E-06   -0.317332   -3.698673
0.25000   -0.249469   -0.269148   -0.127200
-6.13E-06   -0.158852   -3.654589
0.50000   -0.249469   -0.248222   -0.127200
-6.13E-06   -0.000464   -3.638507
0.75000   -0.249469   -0.229016   -0.127200
-6.13E-06   -0.172625   -3.623921
1.00000   -0.249469   -0.220953   -0.127200
-6.13E-06   -0.349215   -3.637064

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.296924    0.701907    0.219335
0.000154    0.554674    8.896245
0.25000    0.296924    0.968025    0.219335
0.000154    0.263035    9.716750
0.50000    0.296924    1.601897    0.219335
0.000154    0.035584   10.195875
0.75000    0.296924    2.292389    0.219335
0.000154    0.267148    9.818290
1.00000    0.296924    2.898528    0.219335
0.000154    0.535105    9.098741

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.390683   -2.952333   -0.215800
-0.000154   -0.537741   -7.897559
0.25000   -0.390683   -2.346186   -0.215800
-0.000154   -0.269542   -6.946239
0.50000   -0.390683   -1.655620   -0.215800
-0.000154   -0.016474   -6.914449
0.75000   -0.390683   -1.021836   -0.215800
-0.000154   -0.266132   -6.891442
1.00000   -0.390683   -0.755752   -0.215800
-0.000154   -0.538159   -7.786269
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4219

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.334697    0.839876    0.241784
0.000343    0.614092   13.646688
0.25000    0.334697    0.847134    0.241784
0.000343    0.317397   13.504422
0.50000    0.334697    0.864421    0.241784
0.000343    0.051731   13.455340
0.75000    0.334697    0.883253    0.241784
0.000343    0.273916   13.629703
1.00000    0.334697    0.899784    0.241784
0.000343    0.545323   13.898688

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.411415   -0.971431   -0.219019
-0.000343   -0.543625   -8.911488
0.25000   -0.411415   -0.954900   -0.219019
-0.000343   -0.272307   -8.843026
0.50000   -0.411415   -0.936066   -0.219019
-0.000343   -0.021327   -8.799259
0.75000   -0.411415   -0.918781   -0.219019
-0.000343   -0.291947   -8.755506
1.00000   -0.411415   -0.911525   -0.219019
-0.000343   -0.591390   -8.736706

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.439548    6.022122    0.275987
0.000484    0.698751   20.619404
0.25000    0.439548   11.102556    0.275987
 0.000484    0.365640   36.105448
0.50000    0.439548   23.203576    0.275987
 0.000484    0.078463   44.932206
0.75000    0.439548   36.385869    0.275987
 0.000484    0.321186   36.231066
1.00000    0.439548   47.957625    0.275987
 0.000484    0.616705   20.881631

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.472510   -48.033600   -0.243434
-0.000483   -0.608086   -37.081392
0.25000   -0.472510   -36.461700   -0.243434
-0.000483   -0.307204   -19.417099
0.50000   -0.472510   -23.278159   -0.243434
-0.000483   -0.035221   -19.279234
0.75000   -0.472510   -11.178651   -0.243434
-0.000483   -0.348257   -19.310081
1.00000   -0.472510   -6.098860   -0.243434
-0.000483   -0.689157   -36.863725

COMB DB ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.246931   11.426413    0.169085
 0.000891    0.427319   25.405661
0.25000    0.246931   33.625431    0.169085
 0.000891    0.226174   82.394330
0.50000    0.246931   62.881636    0.169085
 0.000891    0.083613  104.872497
0.75000    0.246931   90.387375    0.169085
 0.000891    0.231379   82.351230
1.00000    0.246931  119.524148    0.169085
 0.000891    0.446613   25.307482

COMB DB ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.274733  -119.499382   -0.177190
-0.000889   -0.447461   -80.865608
0.25000   -0.274733   -90.364385   -0.177190
-0.000889   -0.230295   -30.249078
0.50000   -0.274733   -62.857564   -0.177190
-0.000889   -0.047031   -29.461296
0.75000   -0.274733   -33.601515   -0.177190
-0.000889   -0.221928   -29.911617
1.00000   -0.274733   -11.404173   -0.177190
-0.000889   -0.430947   -80.491855
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4220

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.439548   13.253785    0.275987
 0.000732    0.698751   24.792952
0.25000    0.439548   26.091961    0.275987
 0.000732    0.365640   63.290561
0.50000    0.439548   56.671045    0.275987
 0.000732    0.094140   85.917122
0.75000    0.439548   89.982492    0.275987
 0.000732    0.364651   63.349861
1.00000    0.439548  119.224135    0.275987
 0.000732    0.690402   24.995857

COMB DL ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.472510  -119.268326   -0.270655
-0.000703   -0.677299   -75.440241
0.25000   -0.472510   -90.026319   -0.270655
-0.000703   -0.342785   -30.893105
0.50000   -0.472510   -56.711721   -0.270655
-0.000703   -0.045351   -30.632355
0.75000   -0.472510   -26.136457   -0.270655
-0.000703   -0.348257   -30.800057
1.00000   -0.472510   -13.299905   -0.270655
-0.000703   -0.689157   -75.248500

COMB CAR ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.439548   13.253785    0.275987
 0.000891    0.698751   25.405661
0.25000    0.439548   33.625431    0.275987
 0.000891    0.365640   82.394330
0.50000    0.439548   62.881636    0.275987
 0.000891    0.094140  104.872497
0.75000    0.439548   90.387375    0.275987
 0.000891    0.364651   82.351230
1.00000    0.439548  119.524148    0.275987
 0.000891    0.690402   25.307482

COMB CAR ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.472510  -119.499382   -0.270655
-0.000889   -0.677299   -80.865608
0.25000   -0.472510   -90.364385   -0.270655
-0.000889   -0.342785   -30.893105
0.50000   -0.472510   -62.857564   -0.270655
-0.000889   -0.047031   -30.632355
0.75000   -0.472510   -33.601515   -0.270655
-0.000889   -0.348257   -30.800057
1.00000   -0.472510   -13.299905   -0.270655
-0.000889   -0.689157   -80.491855

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.439548   13.253785    0.275987
 0.000891    0.698751   25.405661
0.25000    0.439548   33.625431    0.275987
 0.000891    0.365640   82.394330
0.50000    0.439548   62.881636    0.275987
 0.000891    0.094140  104.872497
0.75000    0.439548   90.387375    0.275987
 0.000891    0.364651   82.351230
1.00000    0.439548  119.524148    0.275987
 0.000891    0.690402   25.307482

COMB DESIGN ---------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.472510  -119.499382   -0.270655
-0.000889   -0.677299   -80.865608
0.25000   -0.472510   -90.364385   -0.270655
-0.000889   -0.342785   -30.893105
0.50000   -0.472510   -62.857564   -0.270655
-0.000889   -0.047031   -30.632355
0.75000   -0.472510   -33.601515   -0.270655
-0.000889   -0.348257   -30.800057
1.00000   -0.472510   -13.299905   -0.270655
-0.000889   -0.689157   -80.491855
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 407 ========== LENGTH = 4.972462

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143717	0.544383	0.098003
0.000796	0.240319	7.453303	
0.25000	0.143717	0.568229	0.098003
0.000796	0.118503	7.092443	
0.50000	0.143717	0.592620	0.098003
0.000796	0.021664	6.811260	
0.75000	0.143717	0.629132	0.098003
0.000796	0.129554	6.685130	
1.00000	0.143717	0.660398	0.098003
0.000796	0.256657	6.652103	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.115486	-0.419917	-0.102257
-0.000261	-0.251865	-1.739326	
0.25000	-0.115486	-0.388666	-0.102257
-0.000261	-0.124758	-1.823914	
0.50000	-0.115486	-0.359154	-0.102257
-0.000261	-0.006198	-1.962079	
0.75000	-0.115486	-0.327764	-0.102257
-0.000261	-0.125198	-2.101451	
1.00000	-0.115486	-0.303950	-0.102257
-0.000261	-0.247033	-2.294247	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258004	11.594255	0.135200
0.000996	0.342192	24.994324	
0.25000	0.258004	33.819058	0.135200
0.000996	0.183232	82.043052	
0.50000	0.258004	63.074906	0.135200
0.000996	0.081907	104.220654	
0.75000	0.258004	90.580445	0.135200
0.000996	0.224530	81.257122	
1.00000	0.258004	119.720121	0.135200
0.000996	0.419228	23.683176	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213968	-119.300670	-0.160944
-0.000369	-0.407447	-80.502103	
0.25000	-0.213968	-90.174988	-0.160944
-0.000369	-0.211863	-30.293509	
0.50000	-0.213968	-62.669188	-0.160944
-0.000369	-0.048988	-30.017977	
0.75000	-0.213968	-33.413656	-0.160944
-0.000369	-0.193985	-30.868052	
1.00000	-0.213968	-11.219080	-0.160944
-0.000369	-0.362057	-81.509563	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243859	8.504528	0.144877
0.001113	0.364299	25.321032	
0.25000	0.243859	23.635040	0.144877
0.001113	0.190405	63.643232	
0.50000	0.243859	43.552246	0.144877
0.001113	0.036501	78.397950	
0.75000	0.243859	62.277852	0.144877
0.001113	0.249020	62.683681	
1.00000	0.243859	82.115968	0.144877
0.001113	0.464894	23.579050	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245470	-81.579398	-0.176943
-0.000630	-0.433823	-56.726905	
0.25000	-0.245470	-61.750808	-0.176943
-0.000630	-0.217167	-22.689320	
0.50000	-0.245470	-43.025725	-0.176943
-0.000630	-0.040448	-22.645864	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.245470	-23.108000	-0.176943
-0.000630	-0.197754	-23.368714	
1.00000	-0.245470	-7.998100	-0.176943
-0.000630	-0.377882	-57.989275	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269936	7.241736	0.166358
0.000955	0.417896	23.851246	
0.25000	0.269936	19.796842	0.166358
0.000955	0.216230	55.469642	
0.50000	0.269936	36.323885	0.166358
0.000955	0.076497	67.586577	
0.75000	0.269936	51.862154	0.166358
0.000955	0.261663	54.481505	
1.00000	0.269936	68.323569	0.166358
0.000955	0.497934	22.023087	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.278058	-67.791760	-0.192804
-0.000767	-0.476477	-48.079695	
0.25000	-0.278058	-51.338249	-0.192804
-0.000767	-0.239527	-19.901230	
0.50000	-0.278058	-35.799833	-0.192804
-0.000767	-0.037250	-19.930658	
0.75000	-0.278058	-19.272940	-0.192804
-0.000767	-0.220550	-20.595958	
1.00000	-0.278058	-6.734938	-0.192804
-0.000767	-0.427386	-49.389146	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.101545	9.447727	0.031137
0.000204	0.084114	16.515363	
0.25000	0.101545	28.047884	0.031137
0.000204	0.053083	64.494681	
0.50000	0.101545	52.532392	0.031137
0.000204	0.055786	83.240161	
0.75000	0.101545	75.552049	0.031137
0.000204	0.093758	64.090423	
1.00000	0.101545	99.939331	0.031137
0.000204	0.158705	15.916336	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089951	-99.738607	-0.056086
-0.000193	-0.142691	-66.398547	
0.25000	-0.089951	-75.363036	-0.056086
-0.000193	-0.076888	-24.291115	
0.50000	-0.089951	-52.343160	-0.056086
-0.000193	-0.037387	-23.973156	
0.75000	-0.089951	-27.858875	-0.056086
-0.000193	-0.058639	-24.597228	
1.00000	-0.089951	-9.284057	-0.056086
-0.000193	-0.097366	-66.892244	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132952	9.135576	0.068099
0.000342	0.178562	20.725035	
0.25000	0.132952	26.448030	0.068099
0.000342	0.101005	65.018588	
0.50000	0.132952	49.237457	0.068099
0.000342	0.068794	82.216755	
0.75000	0.132952	70.663446	0.068099
0.000342	0.152918	64.329474	
1.00000	0.132952	93.362378	0.068099
0.000342	0.272142	19.559292	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.171294	-92.995215	-0.099655
-0.000519	-0.244945	-63.254684	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.171294	-70.307183	-0.099655
-0.000519	-0.124832	-24.163432	
0.50000	-0.171294	-48.880992	-0.099655
-0.000519	-0.040100	-23.968534	
0.75000	-0.171294	-26.091772	-0.099655
-0.000519	-0.100316	-24.650451	
1.00000	-0.171294	-8.802903	-0.099655
-0.000519	-0.184982	-64.118400	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222826	7.226887	0.126966
0.000931	0.319671	23.437313	
0.25000	0.222826	19.481529	0.126966
0.000931	0.166823	54.203791	
0.50000	0.222826	35.613053	0.126966
0.000931	0.073711	66.016025	
0.75000	0.222826	50.779466	0.126966
0.000931	0.218205	53.292868	
1.00000	0.222826	66.846933	0.126966
0.000931	0.407851	21.751147	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.243836	-66.327487	-0.155299
-0.000692	-0.379867	-46.640180	
0.25000	-0.243836	-50.267736	-0.155299
-0.000692	-0.189548	-19.118423	
0.50000	-0.243836	-35.101180	-0.155299
-0.000692	-0.035310	-19.129500	
0.75000	-0.243836	-18.969802	-0.155299
-0.000692	-0.171416	-19.761230	
1.00000	-0.243836	-6.731855	-0.155299
-0.000692	-0.329291	-47.847702	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.262544	6.166089	0.155737
0.000771	0.391533	21.969273	
0.25000	0.262544	16.431945	0.155737
0.000771	0.202062	47.656648	
0.50000	0.262544	29.945510	0.155737
0.000771	0.070391	57.469364	
0.75000	0.262544	42.650590	0.155737
0.000771	0.241125	46.723795	
1.00000	0.262544	56.110494	0.155737
0.000771	0.460557	20.209361	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283212	-55.625118	-0.178818
-0.000814	-0.441644	-40.046832	
0.25000	-0.283212	-42.171677	-0.178818
-0.000814	-0.221620	-17.052816	
0.50000	-0.283212	-29.466477	-0.178818
-0.000814	-0.033182	-17.123373	
0.75000	-0.283212	-15.953035	-0.178818
-0.000814	-0.203965	-17.781360	
1.00000	-0.283212	-5.701164	-0.178818
-0.000814	-0.397627	-41.303502	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137011	0.192589	0.079073
4.64E-06	0.198121	3.573181	
0.25000	0.137011	0.216435	0.079073
4.64E-06	0.099818	3.479279	
0.50000	0.137011	0.247826	0.079073
4.64E-06	0.013300	3.360635	
0.75000	0.137011	0.277338	0.079073
4.64E-06	0.093628	3.206894	
1.00000	0.137011	0.308604	0.079073
4.64E-06	0.190641	3.032871	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.146845	-0.242132	-0.078161
-0.000335	-0.198040	-1.598950	
0.25000	-0.146845	-0.210881	-0.078161
-0.000335	-0.100911	-1.639039	
0.50000	-0.146845	-0.181368	-0.078161
-0.000335	-0.005645	-1.732922	
0.75000	-0.146845	-0.149978	-0.078161
-0.000335	-0.096796	-1.828012	
1.00000	-0.146845	-0.126164	-0.078161
-0.000335	-0.195103	-1.976526	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209222	0.807668	0.126010
9.52E-05	0.316078	7.787048	
0.25000	0.209222	1.523059	0.126010
9.52E-05	0.159697	9.203567	
0.50000	0.209222	2.464771	0.126010
9.52E-05	0.027211	9.615200	
0.75000	0.209222	3.350142	0.126010
9.52E-05	0.153043	8.690121	
1.00000	0.209222	4.288115	0.126010
9.52E-05	0.307581	6.777575	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.234972	-4.088517	-0.125610
-0.000638	-0.318480	-5.202731	
0.25000	-0.234972	-3.150995	-0.125610
-0.000638	-0.162486	-3.753068	
0.50000	-0.234972	-2.265615	-0.125610
-0.000638	-0.011182	-3.910863	
0.75000	-0.234972	-1.323912	-0.125610
-0.000638	-0.154869	-4.104889	
1.00000	-0.234972	-0.609496	-0.125610
-0.000638	-0.311529	-5.901645	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.212725	1.432357	0.130651
0.000315	0.328186	13.159533	
0.25000	0.212725	2.569828	0.130651
0.000315	0.166225	15.363250	
0.50000	0.212725	4.067150	0.130651
0.000315	0.042581	15.991874	
0.75000	0.212725	5.474891	0.130651
0.000315	0.191916	14.618811	
1.00000	0.212725	6.966267	0.130651
0.000315	0.372726	11.693388	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261252	-6.623682	-0.146093
-0.000796	-0.356327	-7.680734	
0.25000	-0.261252	-5.133022	-0.146093
-0.000796	-0.175247	-5.350450	
0.50000	-0.261252	-3.725268	-0.146093
-0.000796	-0.015635	-5.575900	
0.75000	-0.261252	-2.227960	-0.146093
-0.000796	-0.160728	-5.858958	
1.00000	-0.261252	-1.092038	-0.146093
-0.000796	-0.323122	-8.690356	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270419	6.974621	0.151795
0.000597	0.383707	22.012466	
0.25000	0.270419	19.100493	0.151795
0.000597	0.199953	52.612088	
0.50000	0.270419	35.062509	0.151795
0.000597	0.071979	64.351712	
0.75000	0.270419	50.069554	0.151795
0.000597	0.236833	51.693917	
1.00000	0.270419	65.968186	0.151795
0.000597	0.451345	20.321924	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300127	-65.526951	-0.175205
-0.000821	-0.435143	-46.499564	
0.25000	-0.300127	-49.635954	-0.175205
-0.000821	-0.219998	-19.272956	
0.50000	-0.300127	-34.628766	-0.175205
-0.000821	-0.036207	-19.269991	
0.75000	-0.300127	-18.666895	-0.175205
-0.000821	-0.199873	-19.921160	
1.00000	-0.300127	-6.557542	-0.175205
-0.000821	-0.388589	-47.718578	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.234552	0.603667	0.132418
0.000701	0.318053	7.726911	
0.25000	0.234552	0.611737	0.132418
0.000701	0.153043	7.469605	
0.50000	0.234552	0.630947	0.132418
0.000701	0.025665	7.227550	
0.75000	0.234552	0.651871	0.132418
0.000701	0.240574	7.031893	
1.00000	0.234552	0.670237	0.132418
0.000701	0.464117	6.862491	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.267922	-0.452107	-0.179920
-0.000226	-0.430738	-3.859783	
0.25000	-0.267922	-0.433741	-0.179920
-0.000226	-0.207123	-3.819235	
0.50000	-0.267922	-0.412819	-0.179920
-0.000226	-0.011324	-3.806391	
0.75000	-0.267922	-0.393613	-0.179920
-0.000226	-0.174161	-3.794350	
1.00000	-0.267922	-0.385550	-0.179920
-0.000226	-0.339427	-3.809700	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.443586	13.468817	0.218833
0.000848	0.528120	23.773170	
0.25000	0.443586	26.316205	0.218833
0.000848	0.267579	63.045644	
0.50000	0.443586	56.897924	0.218833
0.000848	0.089906	85.328626	
0.75000	0.443586	90.209213	0.218833
0.000848	0.373121	62.369714	
1.00000	0.443586	119.448178	0.218833
0.000848	0.679225	22.420217	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.424376	-119.047258	-0.258285
-0.000302	-0.630377	-75.270941	
0.25000	-0.424376	-89.809625	-0.258285
-0.000302	-0.316374	-30.750249	
0.50000	-0.424376	-56.501648	-0.258285
-0.000302	-0.046736	-30.647021	
0.75000	-0.424376	-25.924891	-0.258285
-0.000302	-0.311997	-30.951685	
1.00000	-0.424376	-13.089149	-0.258285
-0.000302	-0.584995	-75.492248	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.421023	10.209237	0.239896
0.000955	0.584968	25.034754	
0.25000	0.421023	19.331529	0.239896
0.000955	0.300924	52.584672	
0.50000	0.421023	41.046086	0.239896
0.000955	0.091848	68.157106	
0.75000	0.421023	64.698775	0.239896
0.000955	0.407241	51.695483	
1.00000	0.421023	85.459909	0.239896
0.000955	0.752470	23.252208	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.440476	-84.976433	-0.286871
-0.000517	-0.695334	-57.805908	
0.25000	-0.440476	-64.216244	-0.286871
-0.000517	-0.342448	-26.153828	
0.50000	-0.440476	-40.565907	-0.286871
-0.000517	-0.044918	-26.051017	
0.75000	-0.440476	-18.854873	-0.286871
-0.000517	-0.328587	-26.237860	
1.00000	-0.440476	-9.740851	-0.286871
-0.000517	-0.626780	-57.834198	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.455653	8.697761	0.267892
0.000818	0.657722	24.071488	
0.25000	0.455653	16.269408	0.267892
0.000818	0.336745	46.810261	
0.50000	0.455653	34.292837	0.267892
0.000818	0.088119	59.633218	
0.75000	0.455653	53.924945	0.267892
0.000818	0.441838	45.904955	
1.00000	0.455653	71.157017	0.267892
0.000818	0.830127	22.236720	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511138	-70.683161	-0.320274
-0.000624	-0.780088	-50.261552	
0.25000	-0.511138	-53.451873	-0.320274
-0.000624	-0.385095	-23.965240	
0.50000	-0.511138	-33.821717	-0.320274
-0.000624	-0.043563	-23.855360	
0.75000	-0.511138	-15.801213	-0.320274
-0.000624	-0.357813	-23.965512	
1.00000	-0.511138	-8.236429	-0.320274
-0.000624	-0.690626	-50.186837	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221878	9.315959	0.075331
0.000174	0.182710	13.942085	
0.25000	0.221878	18.322043	0.075331
0.000174	0.103810	41.513836	
0.50000	0.221878	39.759981	0.075331
0.000174	0.053814	57.162983	
0.75000	0.221878	63.111362	0.075331
0.000174	0.113202	41.219177	
1.00000	0.221878	83.608023	0.075331
0.000174	0.185285	13.370990	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.172248	-83.423833	-0.066305
-0.000156	-0.164954	-51.434759	
0.25000	-0.172248	-62.928105	-0.066305
-0.000156	-0.086477	-20.213830	
0.50000	-0.172248	-39.579045	-0.066305
-0.000156	-0.028456	-20.140343	
0.75000	-0.172248	-18.144585	-0.066305
-0.000156	-0.116954	-20.352561	
1.00000	-0.172248	-9.146666	-0.066305
-0.000156	-0.210553	-51.574188	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.247612	9.264076	0.134881
0.000300	0.337169	18.851822	
0.25000	0.247612	17.858592	0.134881
0.000300	0.183428	44.986702	
0.50000	0.247612	38.316840	0.134881
0.000300	0.071572	59.806762	
0.75000	0.247612	60.601087	0.134881
0.000300	0.219332	44.429088	
1.00000	0.247612	80.161073	0.134881
0.000300	0.392708	17.735407	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266457	-79.851031	-0.148897
-0.000419	-0.367812	-52.425851	
0.25000	-0.266457	-60.291936	-0.148897
-0.000419	-0.186257	-22.602405	
0.50000	-0.266457	-38.009903	-0.148897
-0.000419	-0.036423	-22.503218	
0.75000	-0.266457	-17.554975	-0.148897
-0.000419	-0.186416	-22.615458	
1.00000	-0.266457	-8.968251	-0.148897
-0.000419	-0.352973	-52.442563	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.393150	6.903973	0.219640
0.000809	0.537970	21.880285	
0.25000	0.393150	12.489197	0.219640
0.000809	0.274426	38.336694	
0.50000	0.393150	25.784177	0.219640
0.000809	0.071962	47.537264	
0.75000	0.393150	40.265799	0.219640
0.000809	0.348814	37.469676	
1.00000	0.393150	52.977035	0.219640
0.000809	0.647805	20.188223	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.405932	-52.534904	-0.247244
-0.000575	-0.595190	-38.771786	
0.25000	-0.405932	-39.824247	-0.247244
-0.000575	-0.290468	-19.366761	
0.50000	-0.405932	-25.344064	-0.247244
-0.000575	-0.036785	-19.278058	
0.75000	-0.405932	-12.051241	-0.247244
-0.000575	-0.294144	-19.366511	
1.00000	-0.405932	-6.471080	-0.247244
-0.000575	-0.566190	-38.685776	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.449012	5.956281	0.262663
0.000668	0.647488	21.300991	
0.25000	0.449012	10.638897	0.262663
0.000668	0.328936	35.018960	
0.50000	0.449012	21.792083	0.262663
0.000668	0.076655	42.656923	
0.75000	0.449012	33.938567	0.262663
0.000668	0.396409	34.127881	
1.00000	0.449012	44.600137	0.262663
0.000668	0.750274	19.540291	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.488016	-44.171621	-0.290230
-0.000675	-0.704162	-34.796018	
0.25000	-0.488016	-33.510537	-0.290230
-0.000675	-0.345642	-18.493488	
0.50000	-0.488016	-21.365260	-0.290230
-0.000675	-0.036876	-18.392644	
0.75000	-0.488016	-10.215883	-0.290230
-0.000675	-0.343439	-18.440358	
1.00000	-0.488016	-5.535514	-0.290230
-0.000675	-0.669118	-34.617981	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221248	0.279854	0.132408
4.31E-06	0.331199	4.524308	
0.25000	0.221248	0.287924	0.132408
4.31E-06	0.166818	4.407283	
0.50000	0.221248	0.307133	0.132408
4.31E-06	0.017521	4.286655	
0.75000	0.221248	0.328057	0.132408
4.31E-06	0.162778	4.139922	
1.00000	0.221248	0.346424	0.132408
4.31E-06	0.324134	3.987009	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4228

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.253994	-0.262523	-0.129802
-0.000287	-0.321625	-3.617324	
0.25000	-0.253994	-0.244157	-0.129802
-0.000287	-0.159690	-3.547748	
0.50000	-0.253994	-0.223235	-0.129802
-0.000287	-0.009470	-3.509021	
0.75000	-0.253994	-0.204029	-0.129802
-0.000287	-0.163467	-3.468930	
1.00000	-0.253994	-0.195966	-0.129802
-0.000287	-0.327836	-3.456512	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.323018	0.867306	0.203296
9.13E-05	0.508869	9.071686	
0.25000	0.323019	1.133615	0.203296
9.13E-05	0.257190	9.573781	
0.50000	0.323018	1.767533	0.203296
9.13E-05	0.033794	9.774182	
0.75000	0.323018	2.458031	0.203296
9.13E-05	0.281108	9.101522	
1.00000	0.323018	3.064115	0.203296
9.13E-05	0.555438	8.094084	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.409335	-2.878178	-0.221953
-0.000535	-0.548813	-7.752749	
0.25000	-0.409335	-2.272121	-0.221953
-0.000535	-0.272673	-6.761728	
0.50000	-0.409335	-1.581692	-0.221953
-0.000535	-0.017826	-6.705177	
0.75000	-0.409335	-0.947877	-0.221953
-0.000535	-0.251998	-6.655355	
1.00000	-0.409335	-0.681810	-0.221953
-0.000535	-0.503937	-7.522269	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.365714	1.078530	0.222229
0.000284	0.557080	13.875102	
0.25000	0.365714	1.085793	0.222229
0.000284	0.282215	13.308521	
0.50000	0.365714	1.103082	0.222229
0.000284	0.049451	12.836414	
0.75000	0.365714	1.119113	0.222229
0.000284	0.310268	12.580926	
1.00000	0.365714	1.138443	0.222229
0.000284	0.602545	12.437825	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.437615	-0.837882	-0.236973
-0.000675	-0.577578	-8.711205	
0.25000	-0.437615	-0.821353	-0.236973
-0.000675	-0.282907	-8.603828	
0.50000	-0.437615	-0.802523	-0.236973
-0.000675	-0.027184	-8.511963	
0.75000	-0.437615	-0.785237	-0.236973
-0.000675	-0.275828	-8.440318	
1.00000	-0.437615	-0.777981	-0.236973
-0.000675	-0.550441	-8.382831	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480552	6.298683	0.267707
0.000530	0.663461	20.875964	
0.25000	0.480552	11.382762	0.267707
0.000530	0.339891	35.856049	
0.50000	0.480552	23.484824	0.267707
0.000530	0.076044	44.203936	
0.75000	0.480552	36.667055	0.267707
0.000530	0.380545	35.000563	
1.00000	0.480552	48.237751	0.267707
0.000530	0.720531	19.193869	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4229

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511473	-47.841153	-0.279722
-0.000684	-0.682646	-36.857983	
0.25000	-0.511473	-36.270984	-0.279722
-0.000684	-0.337054	-19.165401	
0.50000	-0.511473	-23.090064	-0.279722
-0.000684	-0.037225	-19.055923	
0.75000	-0.511473	-10.989965	-0.279722
-0.000684	-0.348007	-19.107896	
1.00000	-0.511473	-5.910494	-0.279722
-0.000684	-0.679706	-36.665038	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270419	11.594255	0.166358
0.001113	0.417896	25.321032	
0.25000	0.270419	33.819058	0.166358
0.001113	0.216230	82.043052	
0.50000	0.270419	63.074906	0.166358
0.001113	0.098107	104.220654	
0.75000	0.270419	90.580445	0.166358
0.001113	0.261663	81.257122	
1.00000	0.270419	119.720121	0.166358
0.001113	0.497934	23.683176	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300127	-119.300670	-0.192804
-0.000821	-0.476477	-80.502103	
0.25000	-0.300127	-90.174988	-0.192804
-0.000821	-0.239527	-30.293509	
0.50000	-0.300127	-62.669188	-0.192804
-0.000821	-0.048988	-30.017977	
0.75000	-0.300127	-33.413606	-0.192804
-0.000821	-0.220550	-30.868052	
1.00000	-0.300127	-11.219080	-0.192804
-0.000821	-0.427386	-81.509563	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480552	13.468817	0.267892
0.000955	0.663461	25.034754	
0.25000	0.480552	26.316205	0.267892
0.000955	0.339891	63.145644	
0.50000	0.480552	56.897924	0.267892
0.000955	0.091848	85.328626	
0.75000	0.480552	90.209213	0.267892
0.000955	0.441838	62.369714	
1.00000	0.480552	119.448178	0.267892
0.000955	0.830127	23.252208	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511473	-119.047258	-0.320274
-0.000684	-0.780088	-75.286041	
0.25000	-0.511473	-89.866625	-0.320274
-0.000684	-0.385095	-30.750249	
0.50000	-0.511473	-56.501648	-0.320274
-0.000684	-0.046736	-30.647021	
0.75000	-0.511473	-25.924891	-0.320274
-0.000684	-0.357813	-30.951685	
1.00000	-0.511473	-13.089149	-0.320274
-0.000684	-0.690626	-75.492248	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480552	13.468817	0.267892
0.00113	0.663461	25.321032	
0.25000	0.480552	33.819058	0.267892
0.001113	0.339891	82.043052	
0.50000	0.480552	63.074906	0.267892
0.001113	0.091848	104.220654	
0.75000	0.480552	90.580445	0.267892
0.001113	0.441838	81.257122	
1.00000	0.480552	119.720121	0.267892
0.001113	0.830127	23.683176	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4230

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511473	-119.300670	-0.320274
-0.000821	-0.780088	-80.502103	
0.25000	-0.511473	-90.174988	-0.320274
-0.000821	-0.385095	-30.750249	
0.50000	-0.511473	-62.669188	-0.320274
-0.000821	-0.048988	-30.647021	
0.75000	-0.511473	-33.413606	-0.320274
-0.000821	-0.357813	-30.951685	
1.00000	-0.511473	-13.089149	-0.320274
-0.000821	-0.690626	-81.509563	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480552	13.468817	0.267892
0.001113	0.663461	25.321032	
0.25000	0.480552	33.819058	0.267892
0.001113	0.339891	82.043052	
0.50000	0.480552	63.074906	0.267892
0.001113	0.091848	104.220654	
0.75000	0.480552	90.580445	0.267892
0.001113	0.441838	81.257122	
1.00000	0.480552	119.720121	0.267892
0.001113	0.830127	23.683176	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.511473	-119.300670	-0.320274
-0.000821	-0.780088	-80.502103	
0.25000	-0.511473	-90.174988	-0.320274
-0.000821	-0.385095	-30.750249	
0.50000	-0.511473	-62.669188	-0.320274
-0.000821	-0.048988	-30.647021	
0.75000	-0.511473	-33.413606	-0.320274
-0.000821	-0.357813	-30.951685	
1.00000	-0.511473	-13.089149	-0.320274
-0.000821	-0.690626	-81.509563	

ELEM 408 ========== LENGTH = 4.973393

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152219	0.732216	0.105702
0.001017	0.258840	6.675135	
0.25000	0.152219	0.756100	0.105702
0.001017	0.127463	6.015770	
0.50000	0.152219	0.787504	0.105702
0.001017	0.017153	5.394606	
0.75000	0.152219	0.817021	0.105702
0.001017	0.136714	4.909318	
1.00000	0.152219	0.848328	0.105702
0.001017	0.270845	4.548333	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.122020	-0.257270	-0.107886
-5.46E-06	-0.265779	-2.307807	
0.25000	-0.122020	-0.226030	-0.107886
-5.46E-06	-0.131634	-2.315268	
0.50000	-0.122020	-0.196508	-0.107886
-5.46E-06	-0.007157	-2.376287	
0.75000	-0.122020	-0.165111	-0.107886
-5.46E-06	-0.135558	-2.438709	
1.00000	-0.122020	-0.141341	-0.107886
-5.46E-06	-0.266964	-2.554954	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.280790	11.877513	0.145423
0.001284	0.354327	23.680145	
0.25000	0.280790	34.137403	0.145423
0.001284	0.185292	80.211952	
0.50000	0.280790	63.405628	0.145423
0.001284	0.074036	101.844802	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4231

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.280790	90.915663	0.145423
0.001284	0.247577	77.916876	
1.00000	0.280790	120.094407	0.145423
0.001284	0.466112	20.134551	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226641	-118.935296	-0.180670
-5.66E-05	-0.464458	-81.552167	
0.25000	-0.226641	-89.824264	-0.180670
-5.66E-05	-0.241068	-31.319845	
0.50000	-0.226641	-62.305544	-0.180670
-5.66E-05	-0.051773	-31.003629	
0.75000	-0.226641	-33.042981	-0.180670
-5.66E-05	-0.205714	-31.710419	
1.00000	-0.226641	-10.889776	-0.180670
-5.66E-05	-0.383447	-82.533605	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.262249	8.900030	0.154119
0.001301	0.375846	23.579175	
0.25000	0.262249	24.054429	0.154119
0.001301	0.192228	61.232850	
0.50000	0.262249	43.980061	0.154119
0.001301	0.069896	75.270660	
0.75000	0.262249	62.708727	0.154119
0.001301	0.291039	58.533410	
1.00000	0.262249	82.573441	0.154119
0.001301	0.553040	18.945949	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.255864	-81.105091	-0.214315
-0.000374	-0.534920	-58.021476	
0.25000	-0.255864	-61.286475	-0.214315
-0.000374	-0.269575	-23.866941	
0.50000	-0.255864	-42.551896	-0.214315
-0.000374	-0.043411	-23.694992	
0.75000	-0.255864	-22.630119	-0.214315
-0.000374	-0.210889	-24.219585	
1.00000	-0.255864	-7.548350	-0.214315
-0.000374	-0.400445	-58.863129	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.287805	7.653683	0.172087
0.001083	0.422864	22.036916	
0.25000	0.287805	20.228610	0.172087
0.001083	0.215555	52.981504	
0.50000	0.287805	36.762644	0.172087
0.001083	0.065353	64.377653	
0.75000	0.287805	52.303453	0.172087
0.001083	0.298444	50.283901	
1.00000	0.287805	68.786939	0.172087
0.001083	0.567591	17.295343	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.292529	-67.378170	-0.220890
-0.000660	-0.550827	-49.410108	
0.25000	-0.292529	-50.932936	-0.220890
-0.000660	-0.277143	-21.073366	
0.50000	-0.292529	-35.387221	-0.220890
-0.000660	-0.040207	-20.935032	
0.75000	-0.292529	-18.856385	-0.220890
-0.000660	-0.226861	-21.374786	
1.00000	-0.292529	-6.341726	-0.220890
-0.000660	-0.441146	-50.126013	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115725	9.564046	0.034355
0.000214	0.082787	15.890484	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4232

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.115725	28.193568	0.034355
0.000214	0.051877	82.127223	
0.50000	0.115725	52.688434	0.034355
0.000214	0.051877	82.127223	
0.75000	0.115725	75.711854	0.034355
0.000214	0.117819	62.402128	
1.00000	0.115725	100.131833	0.034355
0.000214	0.209701	14.258865	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099894	-99.542316	-0.078163
-0.000192	-0.206013	-66.915811	
0.25000	-0.099894	-75.173006	-0.078163
-0.000192	-0.109886	-24.830164	
0.50000	-0.099894	-52.148318	-0.078163
-0.000192	-0.039209	-24.519801	
0.75000	-0.099894	-27.658190	-0.078163
-0.000192	-0.059929	-25.065299	
1.00000	-0.099894	-9.117954	-0.078163
-0.000192	-0.099986	-67.553660	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.145263	9.385388	0.068411
0.000252	0.167250	19.541996	
0.25000	0.145263	26.725173	0.068411
0.000252	0.091362	63.402052	
0.50000	0.145263	49.524241	0.068411
0.000252	0.061457	80.150859	
0.75000	0.145263	70.953732	0.068411
0.000252	0.139535	61.469504	
1.00000	0.145263	93.683097	0.068411
0.000252	0.360294	16.500285	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180726	-92.681037	-0.136027
-0.000586	-0.341552	-64.136790	
0.25000	-0.180726	-70.004417	-0.136027
-0.000586	-0.173749	-24.984511	
0.50000	-0.180726	-48.568162	-0.136027
-0.000586	-0.042564	-24.715379	
0.75000	-0.180726	-25.773504	-0.136027
-0.000586	-0.101355	-25.242855	
1.00000	-0.180726	-8.516823	-0.136027
-0.000586	-0.184063	-64.809466	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.238742	7.611080	0.134174
0.001005	0.327920	21.743753	
0.25000	0.238742	19.885069	0.134174
0.001005	0.167636	51.667251	
0.50000	0.238742	36.023417	0.134174
0.001005	0.063416	63.008202	
0.75000	0.238742	51.192309	0.134174
0.001005	0.261544	49.356661	
1.00000	0.238742	67.281318	0.134174
0.001005	0.495519	17.324662	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.257798	-65.854062	-0.191200
-0.000532	-0.473415	-47.870349	
0.25000	-0.257798	-49.802389	-0.191200
-0.000532	-0.236704	-20.213022	
0.50000	-0.257798	-34.628709	-0.191200
-0.000532	-0.038114	-20.079180	
0.75000	-0.257798	-18.493482	-0.191200
-0.000532	-0.182041	-20.509466	
1.00000	-0.257798	-6.278319	-0.191200
-0.000532	-0.347168	-48.573682	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4233

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.278527	6.559963	0.159022
0.000838	0.391790	20.219175	
0.25000	0.278527	16.842026	0.159022
0.000838	0.199524	45.256170	
0.50000	0.278527	30.361308	0.159022
0.000838	0.059449	54.388033	
0.75000	0.278527	43.068465	0.159022
0.000838	0.270938	42.751938	
1.00000	0.278527	56.546415	0.159022
0.000838	0.517491	15.712455	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.296950	-55.238237	-0.202528
-0.000780	-0.504925	-41.315630	
0.25000	-0.296950	-41.791564	-0.202528
-0.000780	-0.253957	-18.145585	
0.50000	-0.296950	-29.080396	-0.202528
-0.000780	-0.036012	-18.032325	
0.75000	-0.296950	-15.563729	-0.202528
-0.000780	-0.209305	-18.391942	
1.00000	-0.296950	-5.330945	-0.202528
-0.000780	-0.405657	-41.900815	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.142157	0.300688	0.075145
4.45E-07	0.188661	3.057392	
0.25000	0.142157	0.324572	0.075145
4.45E-07	0.095233	2.792479	
0.50000	0.142157	0.355975	0.075145
4.45E-07	0.009693	2.504581	
0.75000	0.142157	0.385493	0.075145
4.45E-07	0.082433	2.182609	
1.00000	0.142157	0.416800	0.075145
4.45E-07	0.168358	1.846582	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152856	-0.243081	-0.069152
-0.000522	-0.175719	-1.965601	
0.25000	-0.152856	-0.211846	-0.069152
-0.000522	-0.089757	-1.906843	
0.50000	-0.152856	-0.182319	-0.069152
-0.000522	-0.006405	-1.901643	
0.75000	-0.152856	-0.150922	-0.069152
-0.000522	-0.091647	-1.897885	
1.00000	-0.152856	-0.127152	-0.069152
-0.000522	-0.185082	-1.948096	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217848	1.025703	0.119883
1.99E-06	0.300927	6.813119	
0.25000	0.217848	1.742224	0.119883
1.99E-06	0.152229	7.904832	
0.50000	0.217848	2.684334	0.119883
1.99E-06	0.020679	7.984410	
0.75000	0.217848	3.569850	0.119883
1.99E-06	0.151820	6.690063	
1.00000	0.217848	4.509080	0.119883
1.99E-06	0.301889	4.479560	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.251461	-4.029290	-0.120984
-0.000926	-0.301203	-5.886373	
0.25000	-0.251461	-3.092330	-0.120984
-0.000926	-0.150986	-4.272436	
0.50000	-0.251461	-2.206534	-0.120984
-0.000926	-0.012558	-4.265241	
0.75000	-0.251461	-1.264606	-0.120984
-0.000926	-0.146788	-4.221428	
1.00000	-0.251461	-0.551520	-0.120984
-0.000926	-0.295769	-5.930948	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4234

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222288	1.755310	0.127016
0.000202	0.316576	11.716532	
0.25000	0.222288	2.894577	0.127016
0.000202	0.159265	13.409193	
0.50000	0.222288	4.392332	0.127016
0.000202	0.033233	13.511372	
0.75000	0.222288	5.800503	0.127016
0.000202	0.212665	11.557151	
1.00000	0.222288	7.293879	0.127016
0.000202	0.415882	8.123310	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273050	-6.395311	-0.164040
-0.001067	-0.402089	-8.678815	
0.25000	-0.273050	-4.905401	-0.164040
-0.001067	-0.198568	-6.135646	
0.50000	-0.273050	-3.496985	-0.164040
-0.001067	-0.017641	-6.147197	
0.75000	-0.273050	-1.999320	-0.164040
-0.001067	-0.157932	-6.211517	
1.00000	-0.273050	-0.865513	-0.164040
-0.001067	-0.315711	-8.840953	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.286758	7.342501	0.152520
0.000613	0.376770	20.330606	
0.25000	0.286758	19.487516	0.152520
0.000613	0.193587	50.308350	
0.50000	0.286758	35.456285	0.152520
0.000613	0.061265	61.414627	
0.75000	0.286758	50.465784	0.152520
0.000613	0.264896	47.472188	
1.00000	0.286758	66.385732	0.152520
0.000613	0.504700	16.052234	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314723	-65.185797	-0.196430
-0.000948	-0.492530	-47.727319	
0.25000	-0.314723	-49.302793	-0.196430
-0.000948	-0.249286	-20.329572	
0.50000	-0.314723	-34.288556	-0.196430
-0.000948	-0.039111	-20.166095	
0.75000	-0.314723	-18.322871	-0.196430
-0.000948	-0.201520	-20.561068	
1.00000	-0.314723	-6.236069	-0.196430
-0.000948	-0.389526	-48.299680	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.249384	0.756838	0.155624
0.000960	0.375768	6.920023	
0.25000	0.249384	0.764924	0.155624
0.000960	0.181440	6.265083	
0.50000	0.249384	0.784146	0.155624
0.000960	0.020043	5.631071	
0.75000	0.249384	0.805076	0.155624
0.000960	0.278001	5.035318	
1.00000	0.249384	0.823446	0.155624
0.000960	0.542264	4.478588	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.296246	-0.274426	-0.212492
-4.89E-06	-0.514680	-3.842021	
0.25000	-0.296246	-0.256059	-0.212492
-4.89E-06	-0.250492	-3.698155	
0.50000	-0.296246	-0.235128	-0.212492
-4.89E-06	-0.011263	-3.582324	
0.75000	-0.296246	-0.215924	-0.212492

```
-4.89E-06   -0.202878   -3.466438
1.00000   -0.296246   -0.207881   -0.212492
-4.89E-06   -0.397507   -3.410159
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4235

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.477310   13.605080    0.254513
 0.001188   0.613613   22.478172
0.25000    0.477310   26.478182    0.254513
 0.001188   0.314427   61.141259
0.50000    0.477310   57.080292    0.254513
 0.001188   0.080697   82.770842
0.75000    0.477310   90.400996    0.254513
 0.001188   0.442212   59.067982
1.00000    0.477310  119.645516    0.254513
 0.001188   0.823142   18.677357

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.463994 -118.688167   -0.319666
-4.28E-05   -0.789157   -75.572580
0.25000   -0.463994   -89.447935   -0.319666
-4.28E-05   -0.396345   -30.932005
0.50000   -0.463994   -56.126429   -0.319666
-4.28E-05   -0.047721   -30.683177
0.75000   -0.463994   -25.553535   -0.319666
-4.28E-05   -0.357495   -20.629127
1.00000   -0.463994   -12.749019   -0.319666
-4.28E-05   -0.675221   -75.300075

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.450967   10.436433    0.274457
 0.001197   0.660829   23.301659
0.25000    0.450967   19.576982    0.274457
 0.001197   0.333723   50.040357
0.50000    0.450967   41.306018    0.274457
 0.001197   0.079317   64.740482
0.75000    0.450967   64.965393    0.274457
 0.001197   0.494681   47.348237
1.00000    0.450967   85.730472    0.274457
 0.001197   0.931760   18.188287

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.476864   -84.519389   -0.361176
-0.000301   -0.880954   -57.903408
0.25000   -0.476864   -63.757355   -0.361176
-0.000301   -0.435641   -26.043904
0.50000   -0.476864   -40.097411   -0.361176
-0.000301   -0.045428   -25.704881
0.75000   -0.476864   -18.389120   -0.361176
-0.000301   -0.376605   -25.504190
1.00000   -0.476864    -9.297270   -0.361176
-0.000301   -0.718827   -57.086016

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.483726    8.946155    0.295781
0.000997   0.718161   22.283983
0.25000    0.483726   16.532856    0.295781
 0.000997   0.362117   44.185302
0.50000    0.483726   34.568402    0.295781
 0.000997   0.074907   56.106795
0.75000    0.483726   54.206060    0.295781
 0.000997   0.521255   41.434759
1.00000    0.483726   71.441406    0.295781
 0.000997   0.991816   17.009632

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.543207   -70.270647   -0.387171
-0.000558   -0.947105   -50.237669
0.25000   -0.543207   -53.037828   -0.387171
-0.000558   -0.469059   -23.688538
0.50000   -0.543207   -33.399698   -0.387171
-0.000558   -0.043883   -23.301936
0.75000   -0.543207   -15.381470   -0.387171
-0.000558   -0.436618   -23.030167
1.00000   -0.543207    -7.835090   -0.387171
-0.000558   -0.765066   -49.145969
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4236

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.241958    9.343456    0.089344
0.000195   0.211840   13.363502
0.25000    0.241958   18.367565    0.089344
 0.000195   0.115758   40.665134
0.50000    0.241958   39.819798    0.089344
 0.000195   0.049365   56.011906
0.75000    0.241958   63.177779    0.089344
 0.000195   0.150643   39.700957
1.00000    0.241958   83.678334    0.089344
 0.000195   0.262895   11.701926

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.185035   -83.239833   -0.099527
-0.000149   -0.248171   -51.611003
0.25000   -0.185035   -62.742284   -0.099527
-0.000149   -0.127480   -20.347610
0.50000   -0.185035   -39.383741   -0.099527
-0.000149   -0.029286   -20.202731
0.75000   -0.185035   -17.951988   -0.099527
-0.000149   -0.135056   -20.194234
1.00000   -0.185035    -8.975958   -0.099527
-0.000149   -0.246433   -51.523258

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.263659    9.377595    0.145439
0.000237   0.351393   12.731714
0.25000    0.263659   17.989312    0.145439
 0.000237   0.185105   43.341243
0.50000    0.263659   38.461201    0.145439
 0.000237   0.062733   57.580974
0.75000    0.263659   60.751748    0.145439
 0.000237   0.277795   41.569670
1.00000    0.263659   80.315450    0.145439
 0.000237   0.507361   14.448659

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.279315   -79.549808   -0.195325
-0.000484   -0.479648   -52.473901
0.25000   -0.279315   -59.988975   -0.195325
-0.000484   -0.240328   -22.501528
0.50000   -0.279315   -37.697892   -0.195325
-0.000484   -0.036797   -22.225942
0.75000   -0.279315   -17.245547   -0.195325
-0.000484   -0.205741   -22.080462
1.00000   -0.279315    -8.679712   -0.195325
-0.000484   -0.386689   -51.855667

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.416332    7.138129    0.249312
0.000917   0.601796   20.212355
0.25000    0.416332   12.734532    0.249312
 0.000917   0.301076   35.896339
0.50000    0.416332   26.038376    0.249312
 0.000917   0.065403   44.248127
0.75000    0.416332   40.524092    0.249312
 0.000917   0.430019   32.298965
1.00000    0.416332   53.237743    0.249312
 0.000917   0.815102   15.282222

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.432234   -52.098975   -0.315634
-0.000440   -0.764977   -38.736843
0.25000   -0.432234   -39.387188   -0.315634
-0.000440   -0.374962   -19.098447
0.50000   -0.432234   -24.901124   -0.315634
-0.000440   -0.036786   -18.758663
0.75000   -0.432234   -11.609980   -0.315634
-0.000440   -0.335826   -18.503228
1.00000   -0.432234    -6.043394   -0.315634
-0.000440   -0.646518   -37.725140
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4237

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.474102    6.209173    0.285636
0.000765   0.696220   19.566198
0.25000    0.474102   10.903165    0.285636
 0.000765   0.348679   32.480934
0.50000    0.474102   22.061786    0.285636
 0.000765   0.063345   39.252094
0.75000    0.474102   34.211704    0.285636
 0.000765   0.467580   29.829293
1.00000    0.474102   44.875299    0.285636
 0.000765   0.896609   14.478799

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.507495   -43.796861   -0.350710
-0.000686   -0.855099   -34.654323
0.25000   -0.507495   -33.134829   -0.350710
-0.000686   -0.421318   -18.071277
0.50000   -0.507495   -20.984619   -0.350710
-0.000686   -0.036602   -17.674925
0.75000   -0.507495   -6.836651   -0.350710
-0.000686   -0.376012   -17.349438
1.00000   -0.507495   -5.167667   -0.350710
-0.000686   -0.731849   -33.366390

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.233664    0.360951    0.129221
2.61E-07   0.322541   3.994832
0.25000    0.233664    0.369037    0.129221
2.61E-07   0.161922   3.649258
0.50000    0.233664    0.388260    0.129221
2.61E-07   0.013208   3.298787
0.75000    0.233664    0.409190    0.129221
2.61E-07   0.166801   2.927994
1.00000    0.233664    0.427559    0.129221
2.61E-07   0.333697   2.549691

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.249928   -0.245429   -0.134492
-0.000494   -0.333952   -3.448189
0.25000   -0.249928   -0.227062   -0.134492
-0.000494   -0.116719   -3.243605
0.50000   -0.249928   -0.206131   -0.134492
-0.000494   -0.009070   -3.066854
0.75000   -0.249928   -0.186927   -0.134492
-0.000494   -0.159208   -2.890339
1.00000   -0.249928   -0.178884   -0.134492
-0.000494   -0.319924   -2.749748

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.336933    1.021099    0.199668
1.42E-06   0.498122   8.108237
0.25000    0.336933    1.287941    0.199668
1.42E-06   0.250352   8.161110
0.50000    0.336933    1.922281    0.199668
1.42E-06   0.025850   7.907632
0.75000    0.336933    2.612974    0.199668
1.42E-06   0.297335   6.788729
1.00000    0.336933    3.219173    0.199668
1.42E-06   0.590497   5.352402

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.411393   -2.788390   -0.236378
-0.000848   -0.584101   -7.507757
0.25000   -0.411393   -2.182280   -0.236378
-0.000848   -0.290923   -6.315064
0.50000   -0.411393   -1.491570   -0.236378
-0.000848   -0.017205   -6.025935
0.75000   -0.411393   -0.857836   -0.236378
-0.000848   -0.247019   -5.740945
1.00000   -0.411393   -0.592415   -0.236378
-0.000848   -0.495309   -6.397804
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4238

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.385108    1.302138    0.227149
0.000197   0.560273   12.441967
0.25000    0.385108    1.309415    0.227149
0.000197   0.278096   11.223837
0.50000    0.385108    1.326715    0.227149
0.000197   0.037898   10.060840
0.75000    0.385108    1.345553    0.227149
0.000197   0.355711   9.121625
1.00000    0.385108    1.362085    0.227149
0.000197   0.696808   8.305409

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.442392   -0.605765   -0.274868
-0.000955   -0.669137   -8.379398
0.25000   -0.442392   -0.589235   -0.274868
-0.000955   -0.328311   -7.975875
0.50000   -0.442392   -0.570398   -0.274868
-0.000955   -0.022620   -7.597057
0.75000   -0.442392   -0.553114   -0.274868
-0.000955   -0.286266   -7.218142
1.00000   -0.442392   -0.545875   -0.274868
-0.000955   -0.568626   -6.898907

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.508101    6.530449    0.285122
0.000570   0.696929   19.208134
0.25000    0.508101   11.624704    0.285122
 0.000570   0.350808   33.426451
0.50000    0.508101   23.734836    0.285122
 0.000570   0.062903   40.956461
0.75000    0.508101   36.920793    0.285122
 0.000570   0.445328   30.902649
1.00000    0.508101   48.493687    0.285122
 0.000570   0.853590   14.380256

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.525500   -47.506370   -0.334069
-0.000859   -0.816824   -36.694244
0.25000   -0.525500   -35.935173   -0.334069
-0.000859   -0.404131   -18.746062
0.50000   -0.525500   -22.748899   -0.334069
-0.000859   -0.037217   -18.460008
0.75000   -0.525500   -10.650329   -0.334069
-0.000859   -0.373492   -18.150596
1.00000   -0.525500    -5.539669   -0.334069
-0.000859   -0.728412   -35.552569

COMB     DB ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.287805   11.877513    0.172087
 0.001301   0.422864   23.680145
0.25000    0.287805   34.137403    0.172087
 0.001301   0.215555   80.211952
0.50000    0.287805   63.405628    0.172087
 0.001301   0.074036  101.844802
0.75000    0.287805   90.915663    0.172087
 0.001301   0.298444   77.916876
1.00000    0.287805  120.094407    0.172087
 0.001301   0.567591   20.134551

COMB     DB ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.314723 -118.935296   -0.220890
-0.001067   -0.550827   -81.552167
0.25000   -0.314723   -89.824264   -0.220890
-0.001067   -0.277143   -31.319845
0.50000   -0.314723   -62.305544   -0.220890
-0.001067   -0.051773   -31.003629
0.75000   -0.314723   -33.042981   -0.220890
-0.001067   -0.228861   -31.710419
1.00000   -0.314723   -10.889776   -0.220890
-0.001067   -0.441146   -82.533605
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4239

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.508101   13.605080    0.295781
 0.001197   0.718161   23.301659
0.25000    0.508101   26.478182    0.295781
 0.001197   0.362117   61.141259
0.50000    0.508101   57.080292    0.295781
 0.001197   0.080697   82.770842
0.75000    0.508101   90.400996    0.295781
 0.001197   0.521255   59.067982
1.00000    0.508101  119.645516    0.295781
 0.001197   0.991816   18.677357

COMB     DL ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.543207 -118.688167   -0.387171
-0.000955   -0.947105   -75.572580
0.25000   -0.543207   -89.447935   -0.387171
-0.000955   -0.469059   -30.932005
0.50000   -0.543207   -56.126429   -0.387171
-0.000955   -0.047721   -30.683177
0.75000   -0.543207   -25.553535   -0.387171
-0.000955   -0.436618   -30.629127
1.00000   -0.543207   -12.749019   -0.387171
-0.000955   -0.765066   -75.300075

COMB     CAR ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.508101   13.605080    0.295781
 0.001301   0.718161   23.680145
0.25000    0.508101   34.137403    0.295781
 0.001301   0.362117   80.211952
0.50000    0.508101   63.405628    0.295781
 0.001301   0.080697  101.844802
0.75000    0.508101   90.915663    0.295781
 0.001301   0.521255   77.916876
1.00000    0.508101  120.094407    0.295781
 0.001301   0.991816   20.134551

COMB     CAR ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.543207 -118.935296   -0.387171
-0.001067   -0.947105   -81.552167
0.25000   -0.543207   -89.824264   -0.387171
-0.001067   -0.469059   -31.319845
0.50000   -0.543207   -62.305544   -0.387171
-0.001067   -0.051773   -31.003629
0.75000   -0.543207   -33.042981   -0.387171
-0.001067   -0.396618   -31.710419
1.00000   -0.543207   -12.749019   -0.387171
-0.001067   -0.765066   -82.533605

COMB  DESIGN ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.508101   13.605080    0.295781
 0.001301   0.718161   23.680145
0.25000    0.508101   34.137403    0.295781
 0.001301   0.362117   80.211952
0.50000    0.508101   63.405628    0.295781
 0.001301   0.080697  101.844802
0.75000    0.508101   90.915663    0.295781
 0.001301   0.521255   77.916876
1.00000    0.508101  120.094407    0.295781
 0.001301   0.991816   20.134551

COMB  DESIGN ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.543207 -118.935296   -0.387171
-0.001067   -0.947105   -81.552167
0.25000   -0.543207   -89.824264   -0.387171
-0.001067   -0.469059   -31.319845
0.50000   -0.543207   -62.305544   -0.387171
-0.001067   -0.051773   -31.003629
0.75000   -0.543207   -33.042981   -0.387171
-0.001067   -0.396618   -31.710419
1.00000   -0.543207   -12.749019   -0.387171
-0.001067   -0.765066   -82.533605
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4240

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      409 ========== LENGTH
=    4.972406

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.163156    0.668381    0.115583
0.001171   0.281963   4.561943
0.25000    0.163156    0.692330    0.115583
0.001171   0.138366   3.984089
0.50000    0.163156    0.723790    0.115583
0.001171   0.011429   3.440067
0.75000    0.163156    0.753312    0.115583
0.001171   0.145031   3.020917
1.00000    0.163156    0.784883    0.115583
0.001171   0.287090   2.712786

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.145181   -0.236535   -0.114277
-6.46E-06   -0.281169   -2.577375
0.25000   -0.145181   -0.205351   -0.114277
-6.46E-06   -0.139099   -2.668042
0.50000   -0.145181   -0.175775   -0.114277
-6.46E-06   -0.008427   -2.811911
0.75000   -0.145181   -0.144380   -0.114277
-6.46E-06   -0.149228   -2.956473
1.00000   -0.145181   -0.112783   -0.114277
-6.46E-06   -0.292897   -3.155621

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.300196   11.370193    0.164850
 0.001471   0.398921   20.190748
0.25000    0.300196   33.690853    0.164850
 0.001471   0.200681   76.816153
0.50000    0.300196   63.011045    0.164850
 0.001471   0.063938   98.403604
0.75000    0.300196   90.526403    0.164850
 0.001471   0.261039   71.746765
1.00000    0.300196  119.950356    0.164850
 0.001471   0.492532   17.153401

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.236405 -118.852356   -0.195825
-5.99E-05   -0.506652   -82.527172
0.25000   -0.236405   -89.788201   -0.195825
-5.99E-05   -0.263227   -32.376395
0.50000   -0.236405   -62.223512   -0.195825
-5.99E-05   -0.054660   -31.796402
0.75000   -0.236405   -32.963412   -0.195825
-5.99E-05   -0.229732   -31.857320
1.00000   -0.236405   -10.906070   -0.195825
-5.99E-05   -0.428140   -82.783354

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.279338    8.474420    0.170358
0.001276   0.415898   19.012546
0.25000    0.279338   23.670191    0.170358
 0.001276   0.209682   56.819756
0.50000    0.279338   43.631202    0.170358
 0.001276   0.056875   70.909128
0.75000    0.279338   62.363495    0.170358
 0.001276   0.313897   52.382713
1.00000    0.279338   82.395142    0.170358
 0.001276   0.603518   15.014593

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.254962   -81.032669   -0.239588
-0.000435   -0.605399   -58.869160
0.25000   -0.254962   -61.245957   -0.239588
-0.000435   -0.307633   -24.861196
0.50000   -0.254962   -42.480092   -0.239588
-0.000435   -0.046527   -24.600647
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4241

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
        T         M2         M3
0.75000   -0.254962   -22.559992   -0.239588
-0.000435   -0.230936   -24.776367
1.00000   -0.254962    -7.543486   -0.239588
-0.000435   -0.436097   -59.580735

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.296844    7.276194    0.183142
0.001063   0.450062   17.355666
0.25000    0.296844   19.885450    0.183142
 0.001063   0.226160   48.454174
0.50000    0.296844   36.448842    0.183142
 0.001063   0.051502   59.920987
0.75000    0.296844   51.992660    0.183142
 0.001063   0.326002   44.385412
1.00000    0.296844   68.614665    0.183142
 0.001063   0.629388   13.281747

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.296876   -67.304198   -0.249576
-0.000782   -0.623639   -50.126488
0.25000   -0.296876   -50.885445   -0.249576
-0.000782   -0.316195   -21.934319
0.50000   -0.296876   -35.313762   -0.249576
-0.000782   -0.043155   -21.745436
0.75000   -0.296876   -18.784317   -0.249576
-0.000782   -0.242659   -21.916891
1.00000   -0.296876    -6.323812   -0.249576
-0.000782   -0.464673   -50.827034

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.123583    9.178589    0.041446
0.000170   0.097155   14.303592
0.25000    0.123583   27.858969    0.041446
 0.000170   0.052961   62.063333
0.50000    0.123583   52.397328    0.041446
 0.000170   0.046867   80.482286
0.75000    0.123583   75.425206    0.041446
 0.000170   0.126272   58.427002
1.00000    0.123583  100.050399    0.041446
 0.000170   0.229202   12.915800

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
        T         M2         M3
0.00000   -0.081454   -99.486952   -0.090869
-0.000205   -0.244080   -67.529850
0.25000   -0.081454   -75.162873   -0.090869
-0.000205   -0.131169   -25.462403
0.50000   -0.081454   -52.093713   -0.090869
-0.000205   -0.040701   -24.881140
0.75000   -0.081454   -27.605647   -0.090869
-0.000205   -0.070328   -24.836507
1.00000   -0.081454    -9.145639   -0.090869
-0.000205   -0.116417   -67.361545

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
        T         M2         M3
0.00000    0.138416    8.974576    0.073519
7.03E-05   0.181136   16.556447
0.25000    0.138416   26.361699    0.073519
 7.03E-05   0.094886   60.508493
0.50000    0.138416   49.201248    0.073519
 7.03E-05   0.052271   77.232005
0.75000    0.138416   70.634888    0.073519
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 7.03E-05    0.215903   56.448100
1.00000     0.138416   93.555260     0.073519
 7.03E-05    0.406575   13.987043

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.156308  -92.619411  -0.160974
-0.000687  -0.414067  -64.787839
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4242

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.25000    -0.156308  -69.979307  -0.160974
-0.000687  -0.214087  -25.707377
0.50000    -0.156308  -48.507243  -0.160974
-0.000687  -0.044617  -25.241132
0.75000    -0.156308  -25.714504  -0.160974
-0.000687  -0.106301  -25.274070
1.00000    -0.156308   -8.532497  -0.160974
-0.000687  -0.189902  -64.929386

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.239882   7.243780   0.146358
0.000909    0.358312  17.394199
0.25000     0.239882  19.551277   0.146358
 0.000909   0.180113  17.654024
0.50000     0.239882  35.718280   0.146358
 0.000909   0.050609  58.856719
0.75000     0.239882  50.890109   0.146358
 0.000909   0.288527  43.781265
1.00000     0.239882  67.114323   0.146358
 0.000909   0.554628  13.559085

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.252320  -65.799758  -0.219584
-0.000623  -0.551837  -48.576448
0.25000    -0.252320  -49.773932  -0.219584
-0.000623  -0.279030  -21.067249
0.50000    -0.252320  -34.574905  -0.219584
-0.000623  -0.041111  -20.891202
0.75000    -0.252320  -18.441037  -0.219584
-0.000623  -0.197599  -21.068501
1.00000    -0.252320   -6.278731  -0.219584
-0.000623  -0.373297  -49.292550

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.289903   6.231841   0.166500
0.000758    0.410505  15.773893
0.25000     0.289903  16.541974   0.166500
 0.000758   0.206605  40.947279
0.50000     0.289903  30.085260   0.166500
 0.000758   0.045979  50.160347
0.75000     0.289903  42.794877   0.166500
 0.000758   0.302539  37.065394
1.00000     0.289903  56.386090   0.166500
 0.000758   0.582968  11.878234

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.296927  -55.176409  -0.230648
-0.000922  -0.576230  -41.896377
0.25000    -0.296927  -41.751389  -0.230648
-0.000922  -0.289660  -18.865391
0.50000    -0.296927  -29.018987  -0.230648
-0.000922  -0.038784  -18.731707
0.75000    -0.296927  -15.503458  -0.230648
-0.000922  -0.218741  -18.894829
1.00000    -0.296927   -5.314954  -0.230648
-0.000922  -0.420638  -42.553279

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.154630   0.270923   0.070835
5.12E-07    0.177949   1.850787
0.25000     0.154630   0.294872   0.070835
5.12E-07    0.089896   1.625674
0.50000     0.154630   0.326331   0.070835
5.12E-07    0.005413   1.380614
0.75000     0.154630   0.355854   0.070835
5.12E-07    0.091218   1.108675
1.00000     0.154630   0.387425   0.070835
5.12E-07    0.178923   0.834661
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4243

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.161486  -0.221538   -0.070587
-0.000621  -0.172247  -1.936546
0.25000    -0.161486  -0.190353   -0.070587
-0.000621  -0.084493  -1.897049
0.50000    -0.161486  -0.160777   -0.070587
-0.000621  -0.006813  -1.911020
0.75000    -0.161486  -0.129382   -0.070587
-0.000621  -0.072238  -1.997131
1.00000    -0.161486  -0.105715   -0.070587
-0.000621  -0.174277  -1.997986

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.203471   0.951885   0.113404
3.30E-06    0.284744   4.492393
0.25000     0.203471   1.670361   0.113404
3.30E-06    0.143997   5.649541
0.50000     0.203471   2.614144   0.113404
3.30E-06    0.012827   5.790766
0.75000     0.203471   3.499532   0.113404
3.30E-06    0.172020   4.516328
1.00000     0.203471   4.446955   0.113404
3.30E-06    0.336858   2.535268

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.265838  -3.998491   -0.132993
-0.001108  -0.325588  -5.915620
0.25000    -0.265838  -3.062950   -0.132993
-0.001108  -0.160338  -4.354556
0.50000    -0.265838  -2.175674   -0.132993
-0.001108  -0.013507  -4.369499
0.75000    -0.265838  -1.233826   -0.132993
-0.001108  -0.138571  -4.446764
1.00000    -0.265838  -0.523825   -0.132993
-0.001108  -0.279353  -6.141371

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.227499   1.623855   0.123262
4.97E-06    0.308836   8.161832
0.25000     0.227499   2.766232   0.123262
4.97E-06    0.155979   9.982088
0.50000     0.227499   4.266847   0.123262
4.97E-06    0.021965  10.202192
0.75000     0.227499   5.675090   0.123262
4.97E-06    0.240854   8.239098
1.00000     0.227499   7.181016   0.123262
4.97E-06    0.471874   5.084183

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.267952  -6.354460   -0.186456
-0.001260  -0.457084  -8.832511
0.25000    -0.267952  -4.866949   -0.186456
-0.001260  -0.225419  -6.401037
0.50000    -0.267952  -3.456181   -0.186456
-0.001260  -0.019259  -6.506905
0.75000    -0.267952  -1.958642   -0.186456
-0.001260  -0.154220  -6.647107
1.00000    -0.267952  -0.829741   -0.186456
-0.001260  -0.304298  -9.390659

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.298301   6.991929   0.157278
0.000511    0.388965  16.112475
0.25000     0.298301  19.170100   0.157278
 0.000511   0.197056  46.218432
0.50000     0.298301  35.167222   0.157278
 0.000511   0.048103  57.383324
0.75000     0.298301  50.179627   0.157278
 0.000511   0.294677  42.448163
1.00000     0.298301  66.233359   0.157278
 0.000511   0.566555  12.437153
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4244

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.310725  -65.115081  -0.224110
-0.001043  -0.562240  -48.284203
0.25000    -0.310725  -49.257653  -0.224110
-0.001043  -0.283756  -21.003852
0.50000    -0.310725  -34.216335  -0.224110
-0.001043  -0.041631  -20.769552
0.75000    -0.310725  -18.253999  -0.224110
-0.001043  -0.207099  -20.886167
1.00000    -0.310725   -6.219494  -0.224110
-0.001043  -0.396927  -48.755086

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.242576   0.802689   0.179431
0.001195    0.434131   4.531864
0.25000     0.242576   0.811039   0.179431
 0.001195   0.212010   3.926449
0.50000     0.242576   0.830295   0.179431
 0.001195   0.012813   3.508045
0.75000     0.242576   0.851229   0.179431
 0.001195   0.305152   3.200086
1.00000     0.242576   0.869539   0.179431
 0.001195   0.601048   3.005567

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.367379  -0.263083   -0.238021
-5.31E-06  -0.582565  -3.456640
0.25000    -0.367379  -0.244689   -0.238021
-5.31E-06  -0.286731  -3.508917
0.50000    -0.367379  -0.223730   -0.238021
-5.31E-06  -0.011571  -3.750344
0.75000    -0.367379  -0.204530   -0.238021
-5.31E-06  -0.233684  -4.112114
1.00000    -0.367379  -0.196574   -0.238021
-5.31E-06  -0.457107  -4.621819

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.494649  13.248767   0.294450
 0.001453   0.716364  18.762679
0.25000     0.494649  26.542559   0.294450
 0.001453   0.361012  57.355277
0.50000     0.494649  57.197810   0.294450
 0.001453   0.067956  78.755305
0.75000     0.494649  90.525524   0.294450
 0.001453   0.485627  54.949673
1.00000     0.494649  119.673281  0.294450
 0.001453   0.919753  15.184451

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.492447  -118.327861  -0.364537
-4.88E-05  -0.910562  -75.331454
0.25000    -0.492447  -89.034649   -0.364537
-4.88E-05  -0.461824  -31.260522
0.50000    -0.492447  -55.678338   -0.364537
-4.88E-05  -0.050157  -31.089430
0.75000    -0.492447  -25.112665   -0.364537
-4.88E-05  -0.408189  -31.272187
1.00000    -0.492447  -12.445301   -0.364537
-4.88E-05  -0.775104  -76.940073

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.469651  10.231476   0.318592
 0.001236   0.765797  16.289021
0.25000     0.469651  19.670737   0.318592
 0.001236   0.384989  45.017433
0.50000     0.469651  41.437505   0.318592
 0.001236   0.062183  59.727905
0.75000     0.469651  65.101857   0.318592
 0.001236   0.549251  42.543841
1.00000     0.469651  85.798939   0.318592
 0.001236   1.054094  14.189130
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4245

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.499371  -84.248361  -0.417008
-0.000354  -1.032578  -57.129552
0.25000    -0.499371  -63.448709  -0.417008
-0.000354  -0.517448  -25.871397
0.50000    -0.499371  -39.764052  -0.417008
-0.000354  -0.047662  -25.920795
0.75000    -0.499371  -18.060888  -0.417008
-0.000354  -0.432894  -26.347483
1.00000    -0.499371   -9.066423  -0.417008
-0.000354  -0.826982  -59.230511

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.489966   8.778281   0.331136
0.001030    0.801945  17.092803
0.25000     0.489966  16.613018   0.331136
 0.001030   0.402964  39.013644
0.50000     0.489966  34.679783   0.331136
 0.001030   0.056860  50.993205
0.75000     0.489966  54.321572   0.331136
 0.001030   0.569172  36.602953
1.00000     0.489966  71.500479   0.331136
 0.001030   1.100977  12.998615

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.563052  -70.036211  -0.437048
-0.000696  -1.082953  -49.176211
0.25000    -0.563052  -52.772169  -0.437048
-0.000696  -0.542530  -23.195869
0.50000    -0.563052  -33.113526  -0.437048
-0.000696  -0.045372  -23.230303
0.75000    -0.563052  -15.099555  -0.437048
-0.000696  -0.442166  -23.635274
1.00000    -0.563052   -7.634006  -0.437048
-0.000696  -0.853746  -51.017964

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.259168   9.082437   0.106348
0.000160    0.250874  11.738583
0.25000     0.259168  18.401452   0.106348
 0.000160   0.134675  38.955543
0.50000     0.259168  39.890938   0.106348
 0.000160   0.043331  54.040450
0.75000     0.259168  63.253833   0.106348
 0.000160   0.170414  37.540399
1.00000     0.259168  83.687258   0.106348
 0.000160   0.308912   9.833870

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.128206  -82.989519  -0.121955
-0.000170  -0.310092  -51.517818
0.25000    -0.128206  -62.454831  -0.121955
-0.000170  -0.161376  -20.578640
0.50000    -0.128206  -39.071889  -0.121955
-0.000170  -0.030784  -20.343608
0.75000    -0.128206  -17.645199  -0.121955
-0.000170  -0.157407  -20.314521
1.00000    -0.128206   -8.765312  -0.121955
-0.000170  -0.290255  -52.136181

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.265810   9.154272   0.166320
5.61E-05    0.399306  14.498721
0.25000     0.265810  18.047418   0.166320
 5.61E-05   0.207400  40.058560
0.50000     0.265810  38.554857   0.166320
 5.61E-05   0.050654  54.144922
0.75000     0.265810  60.850093   0.166320
 5.61E-05   0.306552  38.141602
1.00000     0.265810  80.349732   0.166320
 5.61E-05   0.579639  13.556607
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4246

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.231412  -79.299743  -0.229297
-0.000588  -0.573493  -51.851847
0.25000    -0.231412  -59.703468  -0.229297
-0.000588  -0.291590  -22.318521
0.50000    -0.231412  -37.389102  -0.229297
-0.000588  -0.038263  -22.156790
0.75000    -0.231412  -16.941588  -0.229297
-0.000588  -0.232688  -22.278991
1.00000    -0.231412   -8.467503  -0.229297
-0.000588  -0.438729  -52.909655

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.428611   7.055015   0.287539
0.000878    0.693565  15.375863
0.25000     0.428611  12.834308   0.287539
 0.000878   0.342542  31.076232
0.50000     0.428611  26.161255   0.287539
 0.000878   0.048686  39.562243
0.75000     0.428611  40.650018   0.287539
 0.000878   0.481243  28.945958
1.00000     0.428611  53.322037   0.287539
 0.000878   0.929784  11.687547

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.419163  -51.923614  -0.367519
-0.000535  -0.905591  -37.765085
0.25000    -0.419163  -39.188796  -0.367519
-0.000535  -0.450871  -18.799746
0.50000    -0.419163  -24.687600  -0.367519
-0.000535  -0.038599  -19.184356
0.75000    -0.419163  -11.399597  -0.367519
-0.000535  -0.385119  -19.655610
1.00000    -0.419163   -5.892635  -0.367519
-0.000535  -0.742089  -40.071664

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.495412   6.131795   0.315237
0.000732    0.766938  14.551630
0.25000     0.495412  10.979186   0.315237
 0.000732   0.382776  27.511689
0.50000     0.495412  22.157184   0.315237
 0.000732   0.045675  34.441700
0.75000     0.495412  34.309658   0.315237
 0.000732   0.511321  25.404812
1.00000     0.495412  44.938334   0.315237
 0.000732   0.995365  10.831007

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.491822  -43.638460  -0.395267
-0.000839  -0.976082  -33.392260
0.25000    -0.491822  -32.957111  -0.395267
-0.000839  -0.486852  -17.433036
0.50000    -0.491822  -20.794209  -0.395267
-0.000839  -0.038012  -17.722933
0.75000    -0.491822   -9.640875  -0.395267
-0.000839  -0.414118  -18.143478
1.00000    -0.491822   -5.029902  -0.395267
-0.000839  -0.805821  -35.323716

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.257631   0.346932   0.125625
3.03E-07    0.313849   2.539204
0.25000     0.257631   0.355282   0.125625
3.03E-07    0.157613   2.242440
0.50000     0.257631   0.374538   0.125625
3.03E-07    0.007367   1.968067
0.75000     0.257631   0.395472   0.125625
3.03E-07    0.166220   1.767349
1.00000     0.257631   0.413782   0.125625
3.03E-07    0.332851   1.607212
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4247

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.232408  -0.227412   -0.134359
-0.000621  -0.334262  -2.738034
0.25000    -0.232408  -0.209012   -0.134359
-0.000621  -0.167608  -2.624915
0.50000    -0.232408  -0.188060   -0.134359
-0.000621  -0.008782  -2.568420
0.75000    -0.232408  -0.168860   -0.134359
-0.000621  -0.154723  -2.602495
1.00000    -0.232408  -0.160903   -0.134359
-0.000621  -0.311008  -2.708720

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.329632   1.012855   0.196304
1.98E-06    0.489102   5.347738
0.25000     0.329632   1.288428   0.196304
1.98E-06    0.245529   5.473031
0.50000     0.329632   1.923869   0.196304
1.98E-06    0.015335   5.343474
0.75000     0.329632   2.614708   0.196304
1.98E-06    0.302758   4.525499
1.00000     0.329632   3.218922   0.196304
1.98E-06    0.604250   3.506628

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.397634  -2.755678   -0.243079
-0.001082  -0.604024  -6.381543
0.25000    -0.397634  -2.148469   -0.243079
-0.001082  -0.302288  -5.359640
0.50000    -0.397634  -1.457038   -0.243079
-0.001082  -0.016797  -5.316362
0.75000    -0.397634  -0.823450   -0.243079
-0.001082  -0.243912  -5.450623
1.00000    -0.397634  -0.560876   -0.243079
-0.001082  -0.487854  -6.611734

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.401188   1.342240   0.237930
2.75E-06    0.585981   8.333274
0.25000     0.401188   1.349755   0.237930
2.75E-06    0.290418   7.202445
0.50000     0.401188   1.367085   0.237930
2.75E-06    0.023035   6.290176
0.75000     0.401188   1.385926   0.237930
2.75E-06    0.380197   5.824647
1.00000     0.401188   1.402405   0.237930
2.75E-06    0.753485   5.627633

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.403099  -0.567057   -0.300535
-0.001171  -0.740135  -6.900351
0.25000    -0.403099  -0.550497   -0.300535
-0.001171  -0.367063  -6.840572
0.50000    -0.403099  -0.531640   -0.300535
-0.001171  -0.022754  -6.906997
0.75000    -0.403099  -0.514360   -0.300535
-0.001171  -0.301281  -7.243611
1.00000    -0.403099  -0.507199   -0.300535
-0.001171  -0.595641  -7.820718

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.535401   6.426322   0.308927
0.000475    0.753888  14.438627
0.25000     0.535401  11.687657   0.308927
 0.000475   0.378405  28.693036
0.50000     0.535401  23.818218   0.308927
 0.000475   0.045754  36.335454
0.75000     0.535401  37.006949   0.308927
 0.000475   0.482177  26.622203
1.00000     0.535401  48.541947   0.308927
 0.000475   0.938444  10.840251
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                          Page
<              MOVING              LOAD              >
                                   4248

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.480916  -47.332311  -0.373352
-0.000981  -0.924160  -35.565848
0.25000    -0.480916  -35.740149  -0.373352
-0.000981  -0.462176  -18.081383
0.50000    -0.480916  -22.540101  -0.373352
-0.000981  -0.038344  -18.118419
0.75000    -0.480916  -10.444389  -0.373352
-0.000981  -0.404705  -18.448999
1.00000    -0.480916   -5.431550  -0.373352
-0.000981  -0.788009  -36.942855

COMB    DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.300196  11.370193   0.183142
 0.001471   0.450062  20.190748
0.25000     0.300196  33.690853   0.183142
 0.001471   0.226160  76.816153
0.50000     0.300196  63.011045   0.183142
 0.001471   0.063938  98.403604
0.75000     0.300196  90.526407   0.183142
 0.001471   0.326002  71.746765
1.00000     0.300196  119.950356  0.183142
 0.001471   0.629388  17.153401

COMB    DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.310725  -118.852356  -0.249576
-0.001260  -0.626339  -82.527172
0.25000    -0.310725  -89.788269   -0.249576
-0.001260  -0.316195  -32.376395
0.50000    -0.310725  -62.223512   -0.249576
-0.001260  -0.054660  -31.796402
0.75000    -0.310725  -32.963412   -0.249576
-0.001260  -0.242659  -31.857320
1.00000    -0.310725  -10.906070   -0.249576
-0.001260  -0.464673  -82.783354

COMB    DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.535401  13.248767   0.331136
 0.001453   0.801945  18.762679
0.25000     0.535401  26.542559   0.331136
 0.001453   0.402964  57.355277
0.50000     0.535401  57.197810   0.331136
 0.001453   0.067956  78.755305
0.75000     0.535401  90.525524   0.331136
 0.001453   0.569172  54.949673
1.00000     0.535401  119.674281  0.331136
 0.001453   1.100977  15.184451

COMB    DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.563052  -118.327861  -0.437048
-0.001171  -1.082953  -75.331454
0.25000    -0.563052  -89.034649   -0.437048
-0.001171  -0.542530  -31.260522
0.50000    -0.563052  -55.678338   -0.437048
-0.001171  -0.050157  -31.089430
0.75000    -0.563052  -25.112665   -0.437048
-0.001171  -0.442166  -31.272187
1.00000    -0.563052  -12.445301   -0.437048
-0.001171  -0.853746  -76.940073
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COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.535401	13.248767	0.331136
0.001471	0.801945	20.190748	
0.25000	0.535401	33.690853	0.331136
0.001471	0.402964	76.816153	
0.50000	0.535401	63.011045	0.331136
0.001471	0.067956	98.403604	
0.75000	0.535401	90.526407	0.331136
0.001471	0.569172	71.746765	
1.00000	0.535401	119.950356	0.331136
0.001471	1.100977	17.153401	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4249

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.563052	-118.852356	-0.437048
-0.001260	-1.082953	-82.527172	
0.25000	-0.563052	-89.788201	-0.437048
-0.001260	-0.542530	-32.376395	
0.50000	-0.563052	-62.223512	-0.437048
-0.001260	-0.054660	-31.796402	
0.75000	-0.563052	-32.963412	-0.437048
-0.001260	-0.442166	-31.857320	
1.00000	-0.563052	-12.445301	-0.437048
-0.001260	-0.853746	-82.783354	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.535401	13.248767	0.331136
0.001471	0.801945	20.190748	
0.25000	0.535401	33.690853	0.331136
0.001471	0.402964	76.816153	
0.50000	0.535401	63.011045	0.331136
0.001471	0.067956	98.403604	
0.75000	0.535401	90.526407	0.331136
0.001471	0.569172	71.746765	
1.00000	0.535401	119.950356	0.331136
0.001471	1.100977	17.153401	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.563052	-118.852356	-0.437048
-0.001260	-1.082953	-82.527172	
0.25000	-0.563052	-89.788201	-0.437048
-0.001260	-0.542530	-32.376395	
0.50000	-0.563052	-62.223512	-0.437048
-0.001260	-0.054660	-31.796402	
0.75000	-0.563052	-32.963412	-0.437048
-0.001260	-0.442166	-31.857320	
1.00000	-0.563052	-12.445301	-0.437048
-0.001260	-0.853746	-82.783354	

ELEM 410 ========== LENGTH = 4.972543

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.181268	0.749172	0.123547
0.001173	0.304375	2.737510	
0.25000	0.181268	0.773975	0.123547
0.001173	0.150845	2.036736	
0.50000	0.181268	0.806210	0.123547
0.001173	0.003113	1.364823	
0.75000	0.181268	0.833475	0.123547
0.001173	0.144330	0.935159	
1.00000	0.181268	0.869420	0.123547
0.001173	0.289352	0.888865	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.208745	-0.218500	-0.116661
-8.40E-06	-0.290756	-3.177584	
0.25000	-0.208745	-0.187704	-0.116661
-8.40E-06	-0.145713	-3.222299	
0.50000	-0.208745	-0.157431	-0.116661
-8.40E-06	-0.007306	-3.313065	
0.75000	-0.208745	-0.126128	-0.116661
-8.40E-06	-0.156435	-3.405651	
1.00000	-0.208745	-0.104359	-0.116661
-8.40E-06	-0.309969	-3.559629	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.357206	7.648968	0.183609
0.001425	0.449231	17.160354	
0.25000	0.357206	30.765287	0.183609
0.001425	0.227030	73.264615	
0.50000	0.357206	60.808287	0.183609
0.001425	0.045299	92.430464	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4250

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	0.357206	86.219135	0.183609
0.001425	0.242636	64.182266	
1.00000	0.357206	119.719718	0.183609
0.001425	0.465942	16.638774	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.305426	-117.927197	-0.197004
-8.62E-05	-0.517275	-82.833486	
0.25000	-0.305426	-89.224960	-0.197004
-8.62E-05	-0.272360	-33.491681	
0.50000	-0.305426	-61.010416	-0.197004
-8.62E-05	-0.045331	-27.054688	
0.75000	-0.305426	-31.858173	-0.197004
-8.62E-05	-0.237408	-22.310400	
1.00000	-0.305426	-11.547187	-0.197004
-8.62E-05	-0.463893	-74.771687	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.317182	6.039133	0.196111
0.001263	0.475283	15.032739	
0.25000	0.317182	21.776584	0.196111
0.001263	0.235517	52.331532	
0.50000	0.317182	42.229678	0.196111
0.001263	0.035033	64.586173	
0.75000	0.317182	59.529231	0.196111
0.001263	0.290598	44.771588	
1.00000	0.317182	82.336226	0.196111
0.001263	0.575464	12.099772	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.296008	-80.330967	-0.239902
-0.000524	-0.619946	-59.629796	
0.25000	-0.296008	-60.790657	-0.239902
-0.000524	-0.321704	-26.074401	
0.50000	-0.296008	-41.582365	-0.239902
-0.000524	-0.039069	-21.728886	
0.75000	-0.296008	-21.720716	-0.239902
-0.000524	-0.257344	-18.535722	
1.00000	-0.296008	-7.908096	-0.239902
-0.000524	-0.500020	-54.288101	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.342498	5.288055	0.200661
0.001053	0.491020	13.312397	
0.25000	0.342498	18.346791	0.200661
0.001053	0.244900	43.358659	
0.50000	0.342498	35.318508	0.200661
0.001053	0.031310	54.065095	
0.75000	0.342498	49.673456	0.200661
0.001053	0.301454	37.618770	
1.00000	0.342498	68.598409	0.200661
0.001053	0.600534	10.505466	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.349497	-66.703843	-0.249521
-0.000865	-0.642310	-50.868365	
0.25000	-0.349497	-50.489544	-0.249521
-0.000865	-0.332111	-22.984968	
0.50000	-0.349497	-34.550748	-0.249521
-0.000865	-0.036793	-19.339952	
0.75000	-0.349497	-18.069805	-0.249521
-0.000865	-0.258333	-16.651721	
1.00000	-0.349497	-6.608269	-0.249521
-0.000865	-0.506870	-46.280376	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.167949	6.014723	0.056500
5.23E-05	0.134166	12.900663	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4251

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	0.167949	25.360698	0.056500
5.23E-05	0.068926	60.293652	
0.50000	0.167949	50.504282	0.056500
5.23E-05	0.036553	76.756398	
0.75000	0.167949	71.770871	0.056500
5.23E-05	0.104965	53.445795	
1.00000	0.167949	99.807839	0.056500
5.23E-05	0.198813	13.656550	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.081827	-98.697915	-0.088714
-0.000256	-0.245340	-67.387188	
0.25000	-0.081827	-74.676730	-0.088714
-0.000256	-0.135065	-26.007751	
0.50000	-0.081827	-51.063700	-0.088714
-0.000256	-0.033640	-20.535680	
0.75000	-0.081827	-26.647488	-0.088714
-0.000256	-0.167790	-16.480335	
1.00000	-0.081827	-9.667435	-0.088714
-0.000256	-0.146784	-60.300922	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.166317	6.123434	0.090959
4.87E-05	0.216954	13.988167	
0.25000	0.166317	24.130352	0.090959
4.87E-05	0.108455	57.450859	
0.50000	0.166317	47.532946	0.090959
4.87E-05	0.036616	72.283046	
0.75000	0.166317	67.327344	0.090959
4.87E-05	0.187158	50.237684	
1.00000	0.166317	93.423181	0.090959
4.87E-05	0.368203	13.005020	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.153223	-91.829450	-0.157980
-0.000799	-0.420217	-64.958866	
0.25000	-0.153223	-69.471270	-0.157980
-0.000799	-0.223834	-26.442707	
0.50000	-0.153223	-47.492987	-0.157980
-0.000799	-0.037523	-21.349225	
0.75000	-0.153223	-24.767129	-0.157980
-0.000799	-0.123428	-17.575065	
1.00000	-0.153223	-8.962618	-0.157980
-0.000799	-0.235321	-58.363192	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.274284	5.317192	0.168769
0.000890	0.408720	13.572234	
0.25000	0.274284	18.063411	0.168769
0.000890	0.202180	43.367906	
0.50000	0.274284	34.628967	0.168769
0.000890	0.030996	53.149630	
0.75000	0.274284	48.640378	0.168769
0.000890	0.262781	37.113867	
1.00000	0.274284	67.112426	0.168769
0.000890	0.522774	10.510562	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.282529	-65.178265	-0.217888
-0.000725	-0.562714	-49.339752	
0.25000	-0.282529	-49.351999	-0.217888
-0.000725	-0.293345	-22.135871	
0.50000	-0.282529	-33.794645	-0.217888
-0.000725	-0.034520	-18.596472	
0.75000	-0.282529	-17.708118	-0.217888
-0.000725	-0.221656	-15.991111	
1.00000	-0.282529	-4.520875	-0.217888
-0.000725	-0.430559	-44.929387	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4252

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.336224	4.603402	0.180821
0.000741	0.442887	11.905064	
0.25000	0.336224	15.281058	0.180821
0.000741	0.220827	36.748330	
0.50000	0.336224	29.158216	0.180821
0.000741	0.028255	44.950352	
0.75000	0.336224	40.895738	0.180821
0.000741	0.275910	31.508578	
1.00000	0.336224	56.369988	0.180821
0.000741	0.551499	9.216062	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.327705	-54.653372	-0.229025
-0.001001	-0.589057	-42.587384	
0.25000	-0.327705	-41.395526	-0.229025
-0.001001	-0.305567	-19.735279	
0.50000	-0.327705	-28.362949	-0.229025
-0.001001	-0.033111	-16.702362	
0.75000	-0.327705	-14.887079	-0.229025
-0.001001	-0.232271	-14.452078	
1.00000	-0.327705	-5.515396	-0.229025
-0.001001	-0.456312	-38.626197	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.187217	0.235295	0.063923
4.70E-07	0.162801	0.857296	
0.25000	0.187217	0.260098	0.063923
4.70E-07	0.083343	0.772966	
0.50000	0.187217	0.292333	0.063923
4.70E-07	0.003707	0.770969	
0.75000	0.187217	0.319598	0.063923
4.70E-07	0.084459	0.732098	
1.00000	0.187217	0.355542	0.063923
4.70E-07	0.171793	0.672079	

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.177101	-0.243129	-0.070298
-0.000593	-0.177787	-1.997284	
0.25000	-0.177101	-0.212333	-0.070298
-0.000593	-0.090401	-1.816526	
0.50000	-0.177101	-0.182059	-0.070298
-0.000593	-0.006412	-1.682402	
0.75000	-0.177101	-0.150757	-0.070298
-0.000593	-0.075577	-1.552356	
1.00000	-0.177101	-0.129987	-0.070298
-0.000593	-0.155056	-1.485395	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.246221	0.883024	0.102868
2.40E-06	0.261830	2.573369	
0.25000	0.246221	1.628011	0.102868
2.40E-06	0.134132	3.749357	
0.50000	0.246221	2.595060	0.102868
2.40E-06	0.007299	4.125498	
0.75000	0.246221	3.413006	0.102868
2.40E-06	0.157992	2.219945	
1.00000	0.246221	4.491351	0.102868
2.40E-06	0.321444	1.679587	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.316321	-3.956266	-0.132051
-0.001116	-0.335359	-6.143656	
0.25000	-0.316321	-3.032374	-0.132051
-0.001116	-0.171199	-4.404981	
0.50000	-0.316321	-2.124180	-0.132051
-0.001116	-0.012543	-4.048967	
0.75000	-0.316321	-1.185095	-0.132051
-0.001116	-0.121707	-3.750414	
1.00000	-0.316321	-0.532016	-0.132051
-0.001116	-0.249638	-5.296086	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4253

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.267829	1.518452	0.128465
3.54E-06	0.316633	5.119765	
0.25000	0.267829	2.291551	0.128465
3.54E-06	0.157122	6.872982	
0.50000	0.267829	4.239159	0.128465
3.54E-06	0.010765	7.131320	
0.75000	0.267829	5.539693	0.128465
3.54E-06	0.219564	5.221298	
1.00000	0.267829	7.254262	0.128465
3.54E-06	0.447764	2.524742	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.277905	-6.236791	-0.184453
-0.001338	-0.469683	-9.402935	
0.25000	-0.277905	-4.767803	-0.184453
-0.001338	-0.240390	-6.753390	
0.50000	-0.277905	-3.323776	-0.184453
-0.001338	-0.017422	-6.301346	
0.75000	-0.277905	-1.830631	-0.184453
-0.001338	-0.337379	-5.937954	
1.00000	-0.277905	-0.792235	-0.184453
-0.001338	-0.322147	-8.504500	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.364131	5.009030	0.168793
0.000488	0.414264	12.460993	
0.25000	0.364131	17.621313	0.168793
0.000488	0.207688	42.294750	
0.50000	0.364131	34.012800	0.168793
0.000488	0.031614	52.325943	
0.75000	0.364131	47.876980	0.168793
0.000488	0.262969	36.694481	
1.00000	0.364131	66.154927	0.168793
0.000488	0.525058	10.537140	

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.333522	-64.564813	-0.220453
-0.001107	-0.573240	-48.785473	
0.25000	-0.333522	-48.904848	-0.220453
-0.001107	-0.299196	-21.735258	
0.50000	-0.333522	-33.510968	-0.220453
-0.001107	-0.035580	-18.095353	
0.75000	-0.333522	-17.593477	-0.220453
-0.001107	-0.216112	-15.380638	
1.00000	-0.333522	-6.523788	-0.220453
-0.001107	-0.425131	-43.879077	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.239082	0.892922	0.196935
0.001243	0.483299	3.054636	
0.25000	0.239082	0.904074	0.196935
0.001243	0.238189	2.610968	
0.50000	0.239082	0.923820	0.196935
0.001243	0.003970	2.251641	
0.75000	0.239082	0.944798	0.196935
0.001243	0.296208	2.016515	
1.00000	0.239082	0.962231	0.196935
0.001243	0.597593	1.963951	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.562449	-0.199828	-0.242443
-6.66E-06	-0.608052	-4.639684	
0.25000	-0.562449	-0.180963	-0.242443
-6.66E-06	-0.306746	-5.087457	
0.50000	-0.562449	-0.159665	-0.242443
-6.66E-06	-0.014154	-5.654158	
0.75000	-0.562449	-0.140604	-0.242443
-6.66E-06	-0.250020	-6.325974	
1.00000	-0.562449	-0.133802	-0.242443
-6.66E-06	-0.495207	-7.141572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4254

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.627296	8.491699	0.323109
0.001444	0.797176	15.237767	
0.25000	0.627296	26.245252	0.323109
0.001444	0.409815	55.001132	
0.50000	0.627296	57.680101	0.323109
0.001444	0.050184	74.694686	
0.75000	0.627296	91.078346	0.323109
0.001444	0.461119	49.453902	
1.00000	0.627296	118.830752	0.323109
0.001444	0.901930	14.896590	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.653561	-117.917747	-0.372772
-5.82E-05	-0.957061	-76.991432	
0.25000	-0.653561	-87.884977	-0.372772
-5.82E-05	-0.495096	-34.006754	
0.50000	-0.653561	-53.979130	-0.372772
-5.82E-05	-0.052128	-28.718821	
0.75000	-0.653561	-23.633907	-0.372772
-5.82E-05	-0.419586	-24.713478	
1.00000	-0.653561	-12.804436	-0.372772
-5.82E-05	-0.817680	-72.103751	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.587414	6.904455	0.356299
0.001302	0.873730	14.233885	
0.25000	0.587414	19.510370	0.356299
0.001302	0.449398	41.932898	
0.50000	0.587414	41.830693	0.356299
0.001302	0.042662	55.507052	
0.75000	0.587414	65.545125	0.356299
0.001302	0.521004	37.336022	
1.00000	0.587414	85.250728	0.356299
0.001302	1.034094	12.713064	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.621632	-83.814490	-0.425358
-0.000429	-1.084737	-59.264073	
0.25000	-0.621632	-62.489718	-0.425358
-0.000429	-0.556894	-29.126305	
0.50000	-0.621632	-38.414859	-0.425358
-0.000429	-0.052291	-25.852080	
0.75000	-0.621632	-16.868226	-0.425358
-0.000429	-0.461192	-23.593461	
1.00000	-0.621632	-9.178757	-0.425358
-0.000429	-0.901604	-57.952952	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.594693	6.035100	0.360411
0.001085	0.888129	13.037960	
0.25000	0.594693	16.498110	0.360411
0.001085	0.448550	35.824945	
0.50000	0.594693	35.024333	0.360411
0.001085	0.039014	46.966154	
0.75000	0.594693	54.707689	0.360411
0.001085	0.531228	31.087101	
1.00000	0.594693	71.063653	0.360411
0.001085	1.061573	11.475403	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.700421	-69.653632	-0.437059
-0.000774	-1.114762	-51.035070	
0.25000	-0.700421	-51.953728	-0.437059
-0.000774	-0.572552	-26.071781	
0.50000	-0.700421	-31.971215	-0.437059
-0.000774	-0.050988	-23.456918	
0.75000	-0.700421	-14.087166	-0.437059
-0.000774	-0.461304	-21.758805	
1.00000	-0.700421	-7.704785	-0.437059
-0.000774	-0.907198	-50.538029	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4255

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.410764	5.688584	0.120881
4.76E-05	0.298265	9.830825	
0.25000	0.410764	18.133848	0.120881
4.76E-05	0.157798	37.809373	
0.50000	0.410764	40.169901	0.120881
4.76E-05	0.035491	51.689027	
0.75000	0.410764	63.582239	0.120881
4.76E-05	0.157010	34.146913	
1.00000	0.410764	83.036814	0.120881
4.76E-05	0.298057	10.072269	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.090794	-82.717334	-0.125994
-0.000208	-0.332351	-52.158437	
0.25000	-0.090794	-61.664211	-0.125994
-0.000208	-0.176442	-21.797041	
0.50000	-0.090794	-37.896042	-0.125994
-0.000208	-0.031347	-17.830172	
0.75000	-0.090794	-16.623888	-0.125994
-0.000208	-0.160800	-14.710973	
1.00000	-0.090794	-9.032375	-0.125994
-0.000208	-0.308837	-47.597278	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.389286	5.973070	0.187828
4.54E-05	0.460744	11.555758	
0.25000	0.389286	17.849662	0.187828
4.54E-05	0.237268	37.911363	
0.50000	0.389286	38.878628	0.187828
4.54E-05	0.038884	50.868650	
0.75000	0.389286	61.221047	0.187828
4.54E-05	0.280299	33.934392	
1.00000	0.389286	79.786569	0.187828
4.54E-05	0.551791	10.827946	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.211147	-78.904147	-0.230299
-0.000699	-0.596933	-52.916408	
0.25000	-0.211147	-58.813130	-0.230299
-0.000699	-0.311287	-24.175429	
0.50000	-0.211147	-36.131140	-0.230299
-0.000699	-0.041648	-20.686287	
0.75000	-0.211147	-15.831101	-0.230299
-0.000699	-0.245959	-18.120807	
1.00000	-0.211147	-8.586512	-0.230299
-0.000699	-0.477566	-50.023692	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.561656	5.035439	0.320951
0.000899	0.786767	11.710115	
0.25000	0.561656	12.753550	0.320951
0.000899	0.393947	28.123653	
0.50000	0.561656	26.419417	0.320951
0.000899	0.032946	36.023046	
0.75000	0.561656	40.938842	0.320951

0.000899	0.453580	24.911887	
1.00000	0.561656	53.003817	0.320951
0.000899	0.907413	10.065535	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.459551	-51.545104	-0.372553
-0.000636	-0.947451	-40.097470	
0.25000	-0.459551	-38.488772	-0.372553
-0.000636	-0.485234	-21.831929	
0.50000	-0.459551	-23.748674	-0.372553
-0.000636	-0.043533	-20.186685	
0.75000	-0.459551	-10.556507	-0.372553
-0.000636	-0.412523	-19.148626	
1.00000	-0.459551	-5.848545	-0.372553
-0.000636	-0.810884	-40.678916	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4256

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.627914	4.415107	0.339236
0.000749	0.837153	10.849164	
0.25000	0.627914	10.888686	0.339236
0.000749	0.420585	24.497380	
0.50000	0.627914	22.350954	0.339236
0.000749	0.031510	31.080109	
0.75000	0.627914	34.529145	0.339236
0.000749	0.473127	21.732548	
1.00000	0.627914	44.648663	0.339236
0.000749	0.951922	9.293146	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.527786	-43.340784	-0.391529
-0.000917	-0.996851	-35.335874	
0.25000	-0.527786	-32.389764	-0.391529
-0.000917	-0.511029	-19.985977	
0.50000	-0.527786	-20.026483	-0.391529
-0.000917	-0.043372	-18.623968	
0.75000	-0.527786	-8.961532	-0.391529
-0.000917	-0.429984	-17.805915	
1.00000	-0.527786	-5.012721	-0.391529
-0.000917	-0.851208	-35.959569	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.327861	0.282080	0.118674
2.93E-07	0.300410	1.603531	
0.25000	0.327861	0.293232	0.118674
2.93E-07	0.152881	1.491787	
0.50000	0.327861	0.312977	0.118674
2.93E-07	0.006524	1.441060	
0.75000	0.327861	0.333956	0.118674
2.93E-07	0.143083	1.408945	
1.00000	0.327861	0.351388	0.118674
2.93E-07	0.294509	1.410519	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226166	-0.289330	-0.121827
-0.000582	-0.311291	-2.695367	
0.25000	-0.226166	-0.270465	-0.121827
-0.000582	-0.159605	-2.568593	
0.50000	-0.226166	-0.249167	-0.121827
-0.000582	-0.010375	-2.528002	
0.75000	-0.226166	-0.230106	-0.121827
-0.000582	-0.142123	-2.541175	
1.00000	-0.226166	-0.223304	-0.121827
-0.000582	-0.289783	-2.632023	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.394763	0.904465	0.189515
1.65E-06	0.477761	3.506647	
0.25000	0.394763	1.272472	0.189515
1.65E-06	0.242499	3.885003	
0.50000	0.394763	1.924074	0.189515
1.65E-06	0.011458	4.006499	
0.75000	0.394763	2.616374	0.189515
1.65E-06	0.262815	3.435480	
1.00000	0.394763	3.191644	0.189515
1.65E-06	0.542079	2.774827	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.451395	-2.742452	-0.224357
-0.001110	-0.572953	-6.585859	
0.25000	-0.451395	-2.119913	-0.224357
-0.001110	-0.294194	-5.711502	
0.50000	-0.451395	-1.417091	-0.224357
-0.001110	-0.020662	-5.738430	
0.75000	-0.451395	-0.788076	-0.224357
-0.001110	-0.229266	-5.945612	
1.00000	-0.451395	-0.563595	-0.224357
-0.001110	-0.464842	-7.381919	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4257

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.517391	1.335765	0.247881
2.75E-06	0.614431	5.620692	
0.25000	0.517391	1.345801	0.247881
2.75E-06	0.306481	4.814244	
0.50000	0.517391	1.363572	0.247881
2.75E-06	0.015516	4.239603	
0.75000	0.517391	1.382453	0.247881
2.75E-06	0.341445	4.032978	
1.00000	0.517391	1.398142	0.247881
2.75E-06	0.699620	4.088371	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.388178	-0.446798	-0.288074
-0.001247	-0.731986	-7.795880	
0.25000	-0.388178	-0.429820	-0.288074
-0.001247	-0.373938	-8.063481	
0.50000	-0.388178	-0.410652	-0.288074
-0.001247	-0.028327	-8.540560	
0.75000	-0.388178	-0.393497	-0.288074
-0.001247	-0.307482	-9.217206	
1.00000	-0.388178	-0.387375	-0.288074
-0.001247	-0.616278	-10.144018	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.717953	4.515266	0.327282
0.000482	0.810482	10.848586	
0.25000	0.717953	11.540855	0.327282
0.000482	0.409333	25.844825	
0.50000	0.717953	23.980525	0.327282
0.000482	0.033539	33.117452	
0.75000	0.717953	37.192167	0.327282
0.000482	0.439669	23.073784	
1.00000	0.717953	48.179589	0.327282
0.000482	0.885143	9.598013	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474772	-47.080083	-0.365617
-0.001034	-0.934301	-36.947718	
0.25000	-0.474772	-35.195256	-0.365617
-0.001034	-0.480392	-20.185343	
0.50000	-0.474772	-21.777741	-0.365617
-0.001034	-0.043369	-18.417666	
0.75000	-0.474772	-7.792967	-0.365617
-0.001034	-0.412910	-17.291891	
1.00000	-0.474772	-5.483736	-0.365617
-0.001034	-0.818898	-36.712332	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.364131	7.648968	0.200661
0.001425	0.491020	17.160354	
0.25000	0.364131	30.765287	0.200661
0.001425	0.244900	73.264615	
0.50000	0.364131	60.808287	0.200661
0.001425	0.045299	92.430464	
0.75000	0.364131	86.219135	0.200661
0.001425	0.301454	64.182266	
1.00000	0.364131	119.719718	0.200661
0.001425	0.600534	16.638774	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.349497	-117.927197	-0.249521
-0.001338	-0.642310	-82.833486	
0.25000	-0.349497	-89.224960	-0.249521
-0.001338	-0.332111	-33.491681	
0.50000	-0.349497	-61.010416	-0.249521
-0.001338	-0.045331	-27.054688	
0.75000	-0.349497	-31.836173	-0.249521
-0.001338	-0.258333	-22.310400	
1.00000	-0.349497	-11.547187	-0.249521
-0.001338	-0.506870	-74.771687	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4258

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.717953	8.491699	0.360411
0.001444	0.888129	15.237767	
0.25000	0.717953	26.245252	0.360411
0.001444	0.448550	55.001132	
0.50000	0.717953	57.680101	0.360411
0.001444	0.050184	74.694686	
0.75000	0.717953	91.078346	0.360411
0.001444	0.531228	49.453902	
1.00000	0.717953	118.830752	0.360411
0.001444	1.061573	14.896590	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.700421	-117.917747	-0.437059
-0.001247	-1.114762	-76.991432	
0.25000	-0.700421	-87.884977	-0.437059
-0.001247	-0.572552	-34.006754	
0.50000	-0.700421	-53.979130	-0.437059
-0.001247	-0.052291	-28.716821	
0.75000	-0.700421	-23.633907	-0.437059
-0.001247	-0.461304	-24.713478	
1.00000	-0.700421	-12.804436	-0.437059
-0.001247	-0.907198	-72.103751	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.717953	8.491699	0.360411
0.001444	0.888129	17.160354	
0.25000	0.717953	30.765287	0.360411
0.001444	0.448550	73.264615	
0.50000	0.717953	60.808287	0.360411
0.001444	0.050184	92.430464	
0.75000	0.717953	91.078346	0.360411
0.001444	0.531228	64.182266	
1.00000	0.717953	119.719718	0.360411
0.001444	1.061573	16.638774	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.700421	-117.927197	-0.437059
-0.001338	-1.114762	-82.833486	
0.25000	-0.700421	-89.224960	-0.437059
-0.001338	-0.572552	-34.006754	
0.50000	-0.700421	-61.010416	-0.437059
-0.001338	-0.052291	-28.716821	
0.75000	-0.700421	-31.836173	-0.437059
-0.001338	-0.461304	-24.713478	
1.00000	-0.700421	-12.804436	-0.437059
-0.001338	-0.907198	-74.771687	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.717953	8.491699	0.360411
0.001444	0.888129	17.160354	
0.25000	0.717953	30.765287	0.360411
0.001444	0.448550	73.264615	
0.50000	0.717953	60.808287	0.360411
0.001444	0.050184	92.430464	
0.75000	0.717953	91.078346	0.360411
0.001444	0.531228	64.182266	
1.00000	0.717953	119.719718	0.360411
0.001444	1.061573	16.638774	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.700421	-117.927197	-0.437059
-0.001338	-1.114762	-82.833486	
0.25000	-0.700421	-89.224960	-0.437059
-0.001338	-0.572552	-34.006754	
0.50000	-0.700421	-61.010416	-0.437059
-0.001338	-0.052291	-28.716821	
0.75000	-0.700421	-31.836173	-0.437059
-0.001338	-0.461304	-24.713478	
1.00000	-0.700421	-12.804436	-0.437059
-0.001338	-0.907198	-74.771687	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4259

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 411 ========== LENGTH = 3.481352

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206507	0.524470	0.256764
0.001001	0.446156	0.926973	
0.25000	0.206507	0.549913	0.256764
0.001001	0.222686	0.915734	
0.50000	0.206507	0.577311	0.256764
0.001001	0.002549	0.937716	
0.75000	0.206507	0.605453	0.256764
0.001001	0.198235	0.948089	
1.00000	0.206507	0.625398	0.256764
0.001001	0.399183	0.937224	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.307458	-0.339130	-0.230901
-0.000538	-0.404668	-3.592389	
0.25000	-0.307458	-0.319928	-0.230901
-0.000538	-0.203706	-3.404046	
0.50000	-0.307458	-0.294367	-0.230901
-0.000538	-0.011846	-3.247368	
0.75000	-0.307458	-0.264126	-0.230901
-0.000538	-0.224526	-3.091090	
1.00000	-0.307458	-0.241788	-0.230901
-0.000538	-0.447924	-3.117465	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.588050	12.240143	0.393073
0.001229	0.679869	16.667048	
0.25000	0.588050	35.952685	0.393073
0.001229	0.337870	56.969482	
0.50000	0.588050	61.487117	0.393073
0.001229	0.040279	69.742053	
0.75000	0.588050	87.715687	0.393073
0.001229	0.295523	53.447226	
1.00000	0.588050	106.304624	0.393073
0.001229	0.599264	17.218415	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.407352	-108.887266	-0.363511
-0.000708	-0.670790	-74.831964	
0.25000	-0.407352	-90.990571	-0.363511
-0.000708	-0.440613	-40.091414	
0.50000	-0.407352	-67.168536	-0.363511
-0.000708	-0.062505	-34.268187	
0.75000	-0.407352	-38.983377	-0.363511
-0.000708	-0.355727	-28.467225	
1.00000	-0.407352	-18.164437	-0.363511
-0.000708	-0.688834	-52.991974	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.500647	9.028134	0.436918
0.001080	0.752233	12.136381	
0.25000	0.500647	25.171490	0.436918
0.001080	0.372050	39.647118	
0.50000	0.500647	42.555178	0.436918
0.001080	0.030919	48.424022	
0.75000	0.500647	60.411431	0.436918
0.001080	0.356881	37.371926	
1.00000	0.500647	73.066668	0.436918
0.001080	0.728945	12.747171	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.381029	-74.165600	-0.437378
-0.001028	-0.796816	-54.354752	
0.25000	-0.381029	-61.984637	-0.437378
-0.001028	-0.416150	-30.706096	
0.50000	-0.381029	-45.766739	-0.437378
-0.001028	-0.054720	-26.741403	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4260

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.381029	-26.578451	-0.437378
-0.001028	-0.394920	-22.792230	
1.00000	-0.381029	-12.405042	-0.437378
-0.001028	-0.769051	-39.570340	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.513183	7.653988	0.430033
0.001081	0.744157	10.523287	
0.25000	0.513183	21.049549	0.430033
0.001081	0.369966	33.339251	
0.50000	0.513183	35.474311	0.430033
0.001081	0.028112	40.638171	
0.75000	0.513183	50.291202	0.430033
0.001081	0.367197	31.274487	
1.00000	0.513183	60.792356	0.430033
0.001081	0.751788	11.153649	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.499880	-61.809975	-0.450091
-0.001227	-0.817710	-46.340280	
0.25000	-0.499880	-51.699878	-0.450091
-0.001227	-0.425969	-26.663237	
0.50000	-0.499880	-38.242473	-0.450091
-0.001227	-0.050144	-23.326951	
0.75000	-0.499880	-22.320277	-0.450091
-0.001227	-0.383925	-20.009489	
1.00000	-0.499880	-10.559364	-0.450091
-0.001227	-0.753119	-33.917007	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.396029	10.090232	0.135026
0.000112	0.230231	13.643492	
0.25000	0.396029	29.935493	0.135026
0.000112	0.112717	47.150473	
0.50000	0.396029	51.305511	0.135026
0.000112	0.032447	57.839609	
0.75000	0.396029	73.256460	0.135026
0.000112	0.105704	44.188461	
1.00000	0.396029	88.813725	0.135026
0.000112	0.220241	13.852215	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082308	-91.036358	-0.143751
-0.000250	-0.284012	-60.328070	
0.25000	-0.082308	-76.058437	-0.143751
-0.000250	-0.158901	-31.416660	
0.50000	-0.082308	-56.121540	-0.143751
-0.000250	-0.044816	-26.709425	
0.75000	-0.082308	-32.533102	-0.143751
-0.000250	-0.129928	-22.026640	
1.00000	-0.082308	-15.109526	-0.143751
-0.000250	-0.239926	-42.594543	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.358479	9.641935	0.215183
0.000100	0.367891	12.996514	
0.25000	0.358479	28.113293	0.215183
0.000100	0.180623	44.494816	
0.50000	0.358479	48.003848	0.215183
0.000100	0.033052	54.521902	
0.75000	0.358479	68.435117	0.215183
0.000100	0.202814	41.851313	
1.00000	0.358479	82.915340	0.215183
0.000100	0.422217	13.741403	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226805	-84.926881	-0.263399
-0.000705	-0.498309	-58.401203	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4261

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.226805	-70.985893	-0.263399
-0.000705	-0.269064	-31.460374	
0.50000	-0.226805	-52.429243	-0.263399
-0.000705	-0.049998	-27.047354	
0.75000	-0.226805	-30.473851	-0.263399
-0.000705	-0.201021	-22.654618	
1.00000	-0.226805	-14.256522	-0.263399
-0.000705	-0.381312	-41.813641	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.466338	7.892737	0.377246
0.000841	0.649193	10.506201	
0.25000	0.466338	20.967711	0.377246
0.000841	0.320904	32.419944	
0.50000	0.466338	35.047265	0.377246
0.000841	0.026773	39.539376	
0.75000	0.466338	49.509564	0.377246
0.000841	0.317656	30.606451	
1.00000	0.466338	59.759408	0.377246
0.000841	0.651388	10.762563	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.392340	-60.264153	-0.391457
-0.001067	-0.713934	-44.988187	
0.25000	-0.392340	-50.396007	-0.391457
-0.001067	-0.373234	-25.892814	
0.50000	-0.392340	-37.260660	-0.391457
-0.001067	-0.048006	-22.749400	
0.75000	-0.392340	-21.719508	-0.391457
-0.001067	-0.340898	-19.124006	
1.00000	-0.392340	-10.240052	-0.391457
-0.001067	-0.664248	-33.300661	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.519012	6.707502	0.386048
0.000924	0.668329	9.200332	
0.25000	0.519012	17.660559	0.386048
0.000924	0.332370	27.573735	
0.50000	0.519012	29.455165	0.386048
0.000924	0.024997	33.552500	
0.75000	0.519012	41.570105	0.386048
0.000924	0.331863	26.096203	
1.00000	0.519012	50.156814	0.386048
0.000924	0.681300	9.484796	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416831	-50.561726	-0.408211
-0.001231	-0.741939	-38.677915	
0.25000	-0.416831	-42.295066	-0.408211
-0.001231	-0.386641	-22.638805	
0.50000	-0.416831	-31.928433	-0.408211
-0.001231	-0.044184	-19.966418	
0.75000	-0.416831	-18.272429	-0.408211
-0.001231	-0.343896	-17.312593	
1.00000	-0.416831	-8.655956	-0.408211
-0.001231	-0.675738	-28.754324	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.229661	0.209351	0.113552
0.000372	0.201774	0.652698	
0.25000	0.229661	0.234794	0.113552
0.000372	0.102956	0.684403	
0.50000	0.229661	0.262192	0.113552
0.000372	0.004103	0.733804	
0.75000	0.229661	0.290334	0.113552
0.000372	0.099819	0.758505	
1.00000	0.229661	0.310279	0.113552
0.000372	0.205580	0.776454	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4262

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.198626	-0.248099	-0.121527
-0.000521	-0.217504	-1.487830	
0.25000	-0.198626	-0.228896	-0.121527
-0.000521	-0.111714	-1.398774	
0.50000	-0.198626	-0.203336	-0.121527
-0.000521	-0.005717	-1.345094	
0.75000	-0.198626	-0.173095	-0.121527
-0.000521	-0.094828	-1.296134	
1.00000	-0.198626	-0.150757	-0.121527
-0.000521	-0.193652	-1.304974	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308982	0.840978	0.186381
0.000526	0.329239	1.650143	
0.25000	0.308982	1.604258	0.186381
0.000526	0.167018	2.955205	
0.50000	0.308982	2.426181	0.186381
0.000526	0.007801	3.406483	
0.75000	0.308982	3.270449	0.186381
0.000526	0.185321	2.954792	
1.00000	0.308982	3.868805	0.186381
0.000526	0.382918	2.042741	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.478492	-4.109363	-0.227490
-0.000971	-0.409201	-5.306253	
0.25000	-0.478492	-3.533289	-0.227490
-0.000971	-0.211209	-4.081950	
0.50000	-0.478492	-2.766486	-0.227490
-0.000971	-0.013256	-3.801471	
0.75000	-0.478492	-1.859238	-0.227490
-0.000971	-0.157685	-3.531093	
1.00000	-0.478492	-1.189100	-0.227490
-0.000971	-0.319626	-4.291497	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.382869	1.615773	0.266897
0.000436	0.464013	2.506481	
0.25000	0.382869	2.829387	0.266897
0.000436	0.231711	4.495912	
0.50000	0.382869	4.136246	0.266897
0.000436	0.010239	5.205812	
0.75000	0.382869	5.478631	0.266897
0.000436	0.256296	4.462917	
1.00000	0.382869	6.430017	0.266897
0.000436	0.531730	2.775525	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.354196	-5.938071	-0.317206
-0.001175	-0.572807	-8.530819	
0.25000	-0.354196	-5.022114	-0.317206
-0.001175	-0.296732	-6.733569	

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 0.50000    -0.354196    -3.802896    -0.317206
-0.001175    -0.020915    -6.427324
 0.75000    -0.354196    -2.360372    -0.317206
-0.001175    -0.233310    -6.131584
 1.00000    -0.354196    -1.294853    -0.317206
-0.001175    -0.465153    -7.485787

COMB DB-G3-4 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.625360     7.571617     0.357050
 0.000776     0.618870    10.514146
 0.25000     0.625360    20.509200     0.357050
 0.000776     0.308159    32.211040
 0.50000     0.625360    34.440808     0.357050
 0.000776     0.028293    39.212331
 0.75000     0.625360    48.751139     0.357050
 0.000776     0.308550    30.399791
 1.00000     0.625360    58.893279     0.357050
 0.000776     0.635281    10.754532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4263

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.415078    -59.682605    -0.383329
-0.001194    -0.701706    -43.923974
 0.25000    -0.415078    -49.918153    -0.383329
-0.001194    -0.680081    -20.015555
 0.50000    -0.415078    -36.920830    -0.383329
-0.001194    -0.046104    -21.894235
 0.75000    -0.415078    -21.542983    -0.383329
-0.001194    -0.318460    -18.795484
 1.00000    -0.415078    -10.184152    -0.383329
-0.001194    -0.624284    -32.284347

COMB DL-G1-1 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.269857     0.553767     0.414257
 0.001088     0.719270     2.010914
 0.25000     0.269857     0.562892     0.414257
 0.001088     0.358234     1.931330
 0.50000     0.269857     0.581364     0.414257
 0.001088     0.003323     1.891759
 0.75000     0.269857     0.600542     0.414257
 0.001088     0.385343     1.877596
 1.00000     0.269857     0.616728     0.414257
 0.001088     0.784637     1.865393

COMB DL-G1-1 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.833059    -0.406371    -0.458755
-0.000515    -0.812510    -7.159569
 0.25000    -0.833059    -0.388837    -0.458755
-0.000515    -0.413315    -7.134477
 0.50000    -0.833059    -0.369323    -0.458755
-0.000515    -0.020468    -7.162908
 0.75000    -0.833059    -0.351446    -0.458755
-0.000515    -0.224195    -7.224157
 1.00000    -0.833059    -0.347789    -0.458755
-0.000515    -0.722498    -7.319119

COMB DL-G1-2 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.916907    13.447029     0.679170
 0.001235     1.181569    14.938036
 0.25000     0.916907    27.974959     0.679170
 0.001235     0.594456    40.687812
 0.50000     0.916907    57.381368     0.679170
 0.001235     0.041363    53.768507
 0.75000     0.916907    87.912293     0.679170
 0.001235     0.572068    37.826302
 1.00000     0.916907   113.681661     0.679170
 0.001235     1.160246    14.958695

COMB DL-G1-2 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.893907  -113.974936    -0.692568
-0.000638    -1.258958    -72.162066
 0.25000    -0.893907    -86.060494    -0.692568
-0.000638    -0.656214    -43.019641
 0.50000    -0.893907    -54.994271    -0.692568
-0.000638    -0.068983    -37.793003
 0.75000    -0.893907    -26.534735    -0.692568
-0.000638    -0.605384    -32.716778
 1.00000    -0.893907    -20.711565    -0.692568
-0.000638    -1.191865    -61.406167

COMB DL-G1-3 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.845413    10.282765     0.761617
 0.001094     1.321143    12.744421
 0.25000     0.845413    20.598325     0.761617
 0.001094     0.851707    30.451207
 0.50000     0.845413    41.478353     0.761617
 0.001094     0.035024    40.157541
 0.75000     0.845413    63.156845     0.761617
 0.001094     0.645368    28.850520
 1.00000     0.845413    81.454391     0.761617
 0.001094     1.317097    12.631066
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4264

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.820225    -81.026681    -0.783478
-0.000907    -1.416102    -57.988729
 0.25000    -0.820225    -61.206025    -0.783478
-0.000907    -0.734175    -37.609157
 0.50000    -0.820225    -39.147445    -0.783478
-0.000907    -0.069688    -34.252043
 0.75000    -0.820225    -18.939745    -0.783478
-0.000907    -0.674820    -31.054340
 1.00000    -0.820225    -14.805001    -0.783478
-0.000907    -1.335183    -51.847497

COMB DL-G1-4 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.831071     8.707746     0.756521
 0.001063     1.315743    11.485427
 0.25000     0.831071    17.269825     0.756521
 0.001063     0.659395    26.523498
 0.50000     0.831071    34.600581     0.756521
 0.001063     0.033153    34.279275
 0.75000     0.831071    52.594074     0.756521
 0.001063     0.650353    24.939360
 1.00000     0.831071    67.781328     0.756521
 0.001063     1.330898    11.575019

COMB DL-G1-4 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.955196    -67.506547    -0.791534
-0.001095    -1.429468    -50.547147
 0.25000    -0.955196    -51.055087    -0.791534
-0.001095    -0.740425    -33.593427
 0.50000    -0.955196    -32.746115    -0.791534
-0.001095    -0.067079    -30.797036
 0.75000    -0.955196    -15.973402    -0.791534
-0.001095    -0.665371    -28.155235
 1.00000    -0.955196    -12.541498    -0.791534
-0.001095    -1.321732    -45.454278

COMB DL-G2-1 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.722134     9.573904     0.258670
 0.000102     0.449475    10.066776
 0.25000     0.722134    19.758055     0.258670
 0.000102     0.227223    27.975469
 0.50000     0.722134    40.372095     0.258670
 0.000102     0.029011    37.002276
 0.75000     0.722134    61.774428     0.258670
 0.000102     0.179472    25.831367
 1.00000     0.722134    79.838884     0.258670
 0.000102     0.365050     9.836939

COMB DL-G2-1 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.086383    -79.787369    -0.224878
-0.000200     0.423611    -47.624095
 0.25000    -0.086383    -60.219205    -0.224878
-0.000200    -0.227872    -27.395797
 0.50000    -0.086383    -38.441626    -0.224878
-0.000200    -0.040256    -23.929235
 0.75000    -0.086383    -18.491349    -0.224878
-0.000200    -0.235562    -20.589624
 1.00000    -0.086383    -14.409277    -0.224878
-0.000200    -0.457278    -40.933315

COMB DL-G2-2 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.654531     9.373872     0.405524
 8.63E-05     0.703385    10.813263
 0.25000     0.654531    19.092619     0.405524
 8.63E-05     0.352708    27.941079
 0.50000     0.654531    38.764620     0.405524
 8.63E-05     0.032332    36.753874
 0.75000     0.654531    59.188889     0.405524
 8.63E-05     0.325279    26.155411
 1.00000     0.654531    76.427819     0.405524
 8.63E-05     0.668434    10.973715
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4265

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.271271    -76.305060    -0.405183
-0.000594    -0.747418    -50.028985
 0.25000    -0.271271    -57.631141    -0.405183
-0.000594    -0.394663    -30.791377
 0.50000    -0.271271    -36.848774    -0.405183
-0.000594    -0.053917    -27.603985
 0.75000    -0.271271    -17.810203    -0.405183
-0.000594    -0.362646    -24.564472
 1.00000    -0.271271    -13.914677    -0.405183
-0.000594    -0.713021    -44.136685

COMB DL-G2-3 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.847971     7.318799     0.683376
 0.000835     1.185394    10.074041
 0.25000     0.847971    13.634616     0.683376
 0.000835     0.591637    20.690242
 0.50000     0.847971    26.418645     0.683376
 0.000835     0.026741    26.128581
 0.75000     0.847971    39.691543     0.683376
 0.000835     0.559396    19.238757
 1.00000     0.847971    50.894420     0.683376
 0.000835     1.145677     9.414901

COMB DL-G2-3 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.582629    -49.836474    -0.680957
-0.000942    -1.227896    -40.710966
 0.25000    -0.582629    -37.701057    -0.680957
-0.000942    -0.635361    -28.466358
 0.50000    -0.582629    -24.195445    -0.680957
-0.000942    -0.057948    -26.736069
 0.75000    -0.582629    -11.823055    -0.680957
-0.000942    -0.492183    -25.266766
 1.00000    -0.582629     -9.291513    -0.680957
-0.000942    -1.195774    -38.544376

COMB DL-G2-4 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.899973     6.252103     0.704262
 0.000888     1.226528     9.280631
 0.25000     0.899973    11.549504     0.704262
 0.000888     0.614395    18.222755
 0.50000     0.899973    22.272130     0.704262
 0.000888     0.026935    22.820674
 0.75000     0.899973    33.404795     0.704262
 0.000888     0.575670    17.077243
 1.00000     0.899973    42.801226     0.704262
 0.000888     1.181610     8.867097

COMB DL-G2-4 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.643476    -41.921342    -0.702060
-0.001112    -1.265633    -35.966198
 0.25000    -0.643476    -31.742741    -0.702060
-0.001112    -0.654363    -25.735080
 0.50000    -0.643476    -20.414888    -0.702060
-0.001112    -0.056663    -24.316071
 0.75000    -0.643476    -10.037525    -0.702060
-0.001112    -0.615198    -23.110338
 1.00000    -0.643476     -7.914190    -0.702060
-0.001112    -1.227160    -34.280383

COMB DL-G3-1 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.422946     0.252307     0.220651
 0.000337     0.391196     1.381188
 0.25000     0.422946     0.261432     0.220651
 0.000337     0.199276     1.416789
 0.50000     0.422946     0.279904     0.220651
 0.000337     0.007330     1.460501
 0.75000     0.422946     0.299081     0.220651
 0.000337     0.165105     1.500541
 1.00000     0.422946     0.315268     0.220651
 0.000337     0.341358     1.545848
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4266

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.246730    -0.249539    -0.202375
-0.000501    -0.363878    -2.607013
 0.25000    -0.246730    -0.232004    -0.202375
-0.000501    -0.187613    -2.666275
 0.50000    -0.246730    -0.212490    -0.202375
-0.000501    -0.010501    -2.753766
 0.75000    -0.246730    -0.194614    -0.202375
-0.000501    -0.184799    -2.851966
 1.00000    -0.246730    -0.190956    -0.202375
-0.000501    -0.376833    -2.979085

COMB DL-G3-2 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.500409     0.779144     0.362042
 0.000472     0.638891     2.732966
 0.25000     0.500409     1.080289     0.362042
 0.000472     0.323896     3.301149
 0.50000     0.500409     1.689844     0.362042
 0.000472     0.012588     3.644484
 0.75000     0.500409     2.322708     0.362042
 0.000472     0.305587     3.447865
 1.00000     0.500409     2.856872     0.362042
 0.000472     0.632730     3.211224

COMB DL-G3-2 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.614768    -2.938741    -0.376090
-0.000912    -0.677314    -7.337251
 0.25000    -0.614768    -2.360113    -0.376090
-0.000912    -0.349740    -6.725963
 0.50000    -0.614768    -1.716152    -0.376090
-0.000912    -0.023487    -6.689338
 0.75000    -0.614768    -1.126225    -0.376090
-0.000912    -0.306214    -6.713467
 1.00000    -0.614768    -1.005518    -0.376090
-0.000912    -0.621295    -7.484584

COMB DL-G3-3 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.727739     1.276790     0.502247
 0.000394     0.877946     4.045049
 0.25000     0.727739     1.285003     0.502247
 0.000394     0.448188     3.776911
 0.50000     0.727739     1.301627     0.502247
 0.000394     0.014735     3.731527
 0.75000     0.727739     1.318887     0.502247
 0.000394     0.402489     3.835334
 1.00000     0.727739     1.333455     0.502247
 0.000394     0.833946     4.011044

COMB DL-G3-3 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.468972    -0.536952    -0.495509
-0.001066    -0.891179    -10.101430
 0.25000    -0.468972    -0.521911    -0.495509
-0.001066    -0.459775    -10.501168
 0.50000    -0.468972    -0.503609    -0.495509
-0.001066    -0.034140    -11.011788
 0.75000    -0.468972    -0.487520    -0.495509
-0.001066    -0.430876    -11.636983
 1.00000    -0.468972    -0.484228    -0.495509
-0.001066    -0.869282    -12.334225

COMB DL-G3-4 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     1.074068     6.661172     0.670674
 0.000739     1.170487     9.570927
 0.25000     1.074068    12.410290     0.670674
 0.000739     0.587867    19.330445
 0.50000     1.074068    24.047248     0.670674
 0.000739     0.029079    24.296540
 0.75000     1.074068    36.129210     0.670674
 0.000739     0.527080    18.412243
 1.00000     1.074068    46.326887     0.670674
 0.000739     1.083419     9.203316
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4267

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.560852    -45.481743    -0.645587
-0.001093    -1.167360    -36.708860
 0.25000    -0.560852    -34.435199    -0.645587
-0.001093    -0.605350    -25.619039
 0.50000    -0.560852    -22.141404    -0.645587
-0.001093    -0.054458    -24.078791
 0.75000    -0.560852    -10.879151    -0.645587
-0.001093    -0.584092    -22.725206
 1.00000    -0.560852     -8.574755    -0.645587
-0.001093    -1.166932    -34.811123

COMB      DB ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.625360    12.240143     0.436918
 0.001229     0.752233    16.667048
 0.25000     0.625360    35.952685     0.436918
 0.001229     0.572050    56.969482
 0.50000     0.625360    61.487117     0.436918
 0.001229     0.040279    69.742853
 0.75000     0.625360    87.715687     0.436918
 0.001229     0.367197    53.447226
 1.00000     0.625360   106.304624     0.436918
 0.001229     0.751788    17.218415

COMB      DB ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.499880  -108.887266    -0.450091
-0.001231    -0.917710    -74.831964
 0.25000    -0.499880    -90.990571    -0.450091
-0.001231    -0.425969    -40.091414
 0.50000    -0.499880    -67.168536    -0.450091
-0.001231    -0.062505    -34.268187
 0.75000    -0.499880    -38.983377    -0.450091
-0.001231    -0.394920    -28.467225
 1.00000    -0.499880    -18.164437    -0.450091
-0.001231    -0.769051    -52.991974

COMB      DL ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     1.074068    13.447029     0.761617
 0.001235     1.321143    14.938036
 0.25000     1.074068    27.974959     0.761617
 0.001235     0.660550    40.687812
 0.50000     1.074068    57.381368     0.761617
 0.001235     0.041363    53.768507
 0.75000     1.074068    87.912293     0.761617
 0.001235     0.650353    37.826302
 1.00000     1.074068   113.681661     0.761617
 0.001235     1.330898    14.958695

COMB      DL ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.955196  -113.974936    -0.791534
-0.001112    -1.429468    -72.162066
 0.25000    -0.955196    -86.060494    -0.791534
-0.001112    -0.740425    -43.019641
 0.50000    -0.955196    -54.994271    -0.791534
-0.001112    -0.069688    -37.793003
 0.75000    -0.955196    -26.534735    -0.791534
-0.001112    -0.674820    -32.716778
 1.00000    -0.955196    -20.711565    -0.791534
-0.001112    -1.335183    -61.406167

COMB      CAR ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     1.074068    13.447029     0.761617
 0.001235     1.321143    16.667048
 0.25000     1.074068    35.952685     0.761617
 0.001235     0.660550    56.969482
 0.50000     1.074068    61.487117     0.761617
 0.001235     0.041363    69.742853
 0.75000     1.074068    87.912293     0.761617
 0.001235     0.650353    53.447226
 1.00000     1.074068   113.681661     0.761617
 0.001235     1.330898    17.218415
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4268

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.955196  -113.974936    -0.791534
-0.001231    -1.429468    -74.831964
 0.25000    -0.955196    -90.990571    -0.791534
-0.001231    -0.740425    -43.019641
 0.50000    -0.955196    -67.168536    -0.791534
-0.001231    -0.069688    -37.793003
 0.75000    -0.955196    -38.983377    -0.791534
-0.001231    -0.674820    -32.716778
 1.00000    -0.955196    -20.711565    -0.791534
-0.001231    -1.335183    -61.406167

COMB    DESIGN ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     1.074068    13.447029     0.761617
 0.001235     1.321143    16.667048
 0.25000     1.074068    35.952685     0.761617
 0.001235     0.660550    56.969482
 0.50000     1.074068    61.487117     0.761617
 0.001235     0.041363    69.742853
 0.75000     1.074068    87.912293     0.761617
 0.001235     0.650353    53.447226
 1.00000     1.074068   113.681661     0.761617
 0.001235     1.330898    17.218415

COMB    DESIGN ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.955196  -113.974936    -0.791534
-0.001231    -1.429468    -74.831964
 0.25000    -0.955196    -90.990571    -0.791534
-0.001231    -0.740425    -43.019641
 0.50000    -0.955196    -67.168536    -0.791534
-0.001231    -0.069688    -37.793003
 0.75000    -0.955196    -38.983377    -0.791534
-0.001231    -0.674820    -32.716778
 1.00000    -0.955196    -20.711565    -0.791534
-0.001231    -1.335183    -61.406167

ELEM      412 ================== LENGTH
=    3.481014

COMB DB-G1-1 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.214396     0.223931     0.280131
 0.000539     0.474457     0.932690
 0.25000     0.214396     0.246269     0.280131
 0.000539     0.230712     0.993196
 0.50000     0.214396     0.276509     0.280131
 0.000539     0.007785     1.032462
 0.75000     0.214396     0.302069     0.280131
 0.000539     0.216567     1.047835
 1.00000     0.214396     0.321272     0.280131
 0.000539     0.425347     1.045000

COMB DB-G1-1 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.324214    -0.607735    -0.239884
-0.000999    -0.409724    -3.086757
 0.25000    -0.324214    -0.587792    -0.239884
-0.000999    -0.200970    -3.183719
 0.50000    -0.324214    -0.559654    -0.239884
-0.000999    -0.014080    -3.317954
 0.75000    -0.324214    -0.532414    -0.239884
-0.000999    -0.256996    -3.452903
 1.00000    -0.324214    -0.506814    -0.239884
-0.000999    -0.500763    -3.619757

COMB DB-G1-2 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.597148    18.138677     0.441811
 0.000715     0.734028    17.210377
 0.25000     0.597148    38.957196     0.441811
 0.000715     0.355825    53.501431
 0.50000     0.597148    67.140884     0.441811
 0.000715     0.045932    69.869867
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4269

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST           P           V2           V3
       T          M2           M3
 0.75000     0.597148    90.962582     0.441811
 0.000715     0.308605    57.142898
 1.00000     0.597148   108.860501     0.441811
 0.000715     0.610664    16.830738

COMB DB-G1-2 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.430811  -106.284523    -0.347620
-0.001227    -0.609324    -52.951929
 0.25000    -0.430811    -87.697793    -0.347620
-0.001227    -0.311311    -28.581757
 0.50000    -0.430811    -61.472402    -0.347620
-0.001227    -0.065284    -34.360295
 0.75000    -0.430811    -35.939495    -0.347620
-0.001227    -0.435755    -40.160503
 1.00000    -0.430811    -12.226176    -0.347620
-0.001227    -0.820220    -74.864205

COMB DB-G1-3 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.517239    12.373851     0.497577
 0.001031     0.829861    12.731796
 0.25000     0.517239    26.546974     0.497577
 0.001031     0.401123    37.462159
 0.50000     0.517239    45.734224     0.497577
 0.001031     0.035146    48.626980
 0.75000     0.517239    61.951928     0.497577
 0.001031     0.357768    39.944772
 1.00000     0.517239    74.136724     0.497577
 0.001031     0.713583    12.402055

COMB DB-G1-3 ------------------- MIN

REL DIST           P           V2           V3
       T          M2           M3
 0.00000    -0.404258    -73.054956    -0.409215
-0.001078    -0.717654    -39.508961
 0.25000    -0.404258    -60.401322    -0.409215
-0.001078    -0.364601    -22.930398
 0.50000    -0.404258    -42.547133    -0.409215
-0.001078    -0.056773    -26.864064
 0.75000    -0.404258    -25.164484    -0.409215
-0.001078    -0.480346    -30.812137
 1.00000    -0.404258     -9.020598    -0.409215
-0.001078    -0.913334    -54.434709

COMB DB-G1-4 ------------------- MAX

REL DIST           P           V2           V3
       T          M2           M3
 0.00000     0.528030    10.539522     0.478545
 0.001230     0.800940    11.137445
 0.25000     0.528030    22.300198     0.478545
 0.001230     0.388520    31.598226
```

0.50000	0.528030	38.221533	0.478545
0.001230	0.030021	40.871124	
0.75000	0.528030	51.678777	0.478545
0.001230	0.358911	33.675211	
1.00000	0.528030	61.788565	0.478545
0.001230	0.718260	10.829088	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.516781	-60.787584	-0.413196
-0.001078	-0.725684	-33.850157	
0.25000	-0.516781	-50.287677	-0.413196
-0.001078	-0.368625	-20.140471	
0.50000	-0.516781	-35.472582	-0.413196
-0.001078	-0.050678	-23.455694	
0.75000	-0.516781	-21.048682	-0.413196
-0.001078	-0.457715	-26.787834	
1.00000	-0.516781	-7.652692	-0.413196
-0.001078	-0.874144	-46.452271	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.397461	15.111626	0.161904
0.000249	0.261040	13.846356	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.397461	32.534850	0.161904
0.000249	0.125366	44.207540	
0.50000	0.397461	56.122013	0.161904
0.000249	0.032082	57.892351	
0.75000	0.397461	76.058671	0.161904
0.000249	0.092921	47.179032	
1.00000	0.397461	91.037616	0.161904
0.000249	0.190364	13.663162	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088098	-88.816570	-0.112407
-0.000113	-0.209230	-42.579693	
0.25000	-0.088098	-73.261151	-0.112407
-0.000113	-0.115168	-22.050299	
0.50000	-0.088098	-51.312863	-0.112407
-0.000113	-0.045031	-26.736656	
0.75000	-0.088098	-29.944121	-0.112407
-0.000113	-0.175111	-31.445881	
1.00000	-0.088098	-10.098210	-0.112407
-0.000113	-0.316009	-60.347987	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.368014	14.252400	0.254377
0.000705	0.415871	13.731298	
0.25000	0.368014	30.469401	0.254377
0.000705	0.200030	41.910545	
0.50000	0.368014	52.428607	0.254377
0.000705	0.031230	54.661916	
0.75000	0.368014	70.980034	0.254377
0.000705	0.177179	44.704266	
1.00000	0.368014	84.921975	0.254377
0.000705	0.362744	13.166578	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232746	-82.923476	-0.213607
-0.000100	-0.388553	-41.775162	
0.25000	-0.232746	-68.444971	-0.213607
-0.000100	-0.206161	-22.708628	
0.50000	-0.232746	-48.016180	-0.213607
-0.000100	-0.049322	-27.112331	
0.75000	-0.232746	-28.126813	-0.213607
-0.000100	-0.260830	-31.535360	
1.00000	-0.232746	-9.654849	-0.213607
-0.000100	-0.482191	-58.474957	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.467414	10.235426	0.430336
0.001066	0.716411	10.774977	
0.25000	0.467414	21.714650	0.430336
0.001066	0.346028	30.699158	
0.50000	0.467414	37.254962	0.430336
0.001066	0.028583	39.748157	
0.75000	0.467414	50.390152	0.430336
0.001066	0.309426	32.722488	
1.00000	0.467414	60.258972	0.430336
0.001066	0.620278	10.645654	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.408296	-59.757042	-0.357457
-0.000841	-0.629506	-33.240231	
0.25000	-0.408296	-49.508414	-0.357457
-0.000841	-0.320905	-19.742267	
0.50000	-0.408296	-35.047869	-0.357457
-0.000841	-0.049008	-22.863800	
0.75000	-0.408296	-20.969156	-0.357457
-0.000841	-0.416066	-26.001367	
1.00000	-0.408296	-7.893753	-0.357457
-0.000841	-0.790519	-45.083322	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.521429	8.661385	0.427255
0.001229	0.715999	9.465687	
0.25000	0.521429	18.277665	0.427255
0.001229	0.347501	26.202213	
0.50000	0.521429	31.295964	0.427255
0.001229	0.024670	33.790414	
0.75000	0.521429	42.299466	0.427255
0.001229	0.316882	27.912680	
1.00000	0.521429	50.566691	0.427255
0.001229	0.636548	9.424649	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.432425	-50.161650	-0.367537
-0.000923	-0.674452	-28.689226	
0.25000	-0.432425	-41.576256	-0.367537
-0.000923	-0.329675	-17.425354	
0.50000	-0.432425	-29.462489	-0.367537
-0.000923	-0.043743	-20.087253	
0.75000	-0.432425	-17.668588	-0.367537
-0.000923	-0.406958	-22.766403	
1.00000	-0.432425	-6.715171	-0.367537
-0.000923	-0.778753	-38.805288	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232496	0.167623	0.109147
0.000519	0.188725	0.766189	
0.25000	0.232496	0.189960	0.109147
0.000519	0.093742	0.802221	
0.50000	0.232496	0.220200	0.109147
0.000519	0.001188	0.831718	
0.75000	0.232496	0.245760	0.109147
0.000519	0.088413	0.830053	
1.00000	0.232496	0.264964	0.109147
0.000519	0.178906	0.798974	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.202866	-0.321555	-0.103970
-0.000372	-0.183025	-1.283391	
0.25000	-0.202866	-0.301612	-0.103970
-0.000372	-0.092561	-1.315956	
0.50000	-0.202866	-0.273473	-0.103970
-0.000372	-0.003861	-1.383851	
0.75000	-0.202866	-0.246077	-0.103970
-0.000372	-0.096245	-1.460049	
1.00000	-0.202866	-0.220634	-0.103970
-0.000372	-0.191236	-1.563319	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311477	1.210444	0.186996
0.000970	0.319257	2.032267	
0.25000	0.311477	1.880568	0.186996
0.000970	0.157540	3.032175	
0.50000	0.311477	2.787767	0.186996
0.000970	0.003309	3.580466	
0.75000	0.311477	3.554561	0.186996
0.000970	0.162514	3.190493	
1.00000	0.311477	4.130674	0.186996
0.000970	0.330093	1.909081	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.481543	-3.883985	-0.192533
-0.000525	-0.340443	-4.250541	
0.25000	-0.481543	-3.285700	-0.192533
-0.000525	-0.173041	-3.573196	
0.50000	-0.481543	-2.441535	-0.192533
-0.000525	-0.010495	-3.871492	
0.75000	-0.481543	-1.619660	-0.192533
-0.000525	-0.169511	-4.180059	
1.00000	-0.481543	-0.856356	-0.192533
-0.000525	-0.332254	-5.430763	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.395237	1.305953	0.286662
0.001174	0.484801	2.755564	
0.25000	0.395237	2.371450	0.286662
0.001174	0.236218	4.567055	
0.50000	0.395237	3.813896	0.286662
0.001174	0.005711	5.437338	
0.75000	0.395237	5.033099	0.286662
0.001174	0.225007	4.815694	
1.00000	0.395237	5.949119	0.286662
0.001174	0.458861	2.776447	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.361723	-6.449575	-0.268708
-0.000436	-0.477029	-7.427784	
0.25000	-0.361723	-5.498302	-0.268708
-0.000436	-0.243410	-6.202037	
0.50000	-0.361723	-4.156080	-0.268708
-0.000436	-0.018351	-6.526033	
0.75000	-0.361723	-2.849299	-0.268708
-0.000436	-0.264452	-6.859750	
1.00000	-0.361723	-1.635645	-0.268708
-0.000436	-0.513929	-8.682658	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.630494	10.194565	0.393014
0.001193	0.657648	10.734489	
0.25000	0.630494	21.553167	0.393014
0.001193	0.319525	30.494003	
0.50000	0.630494	36.930183	0.393014
0.001193	0.026023	39.446759	
0.75000	0.630494	49.927350	0.393014
0.001193	0.287047	32.493779	
1.00000	0.630494	59.692470	0.393014
0.001193	0.579035	10.766094	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.428583	-58.904355	-0.335776
-0.000774	-0.595222	-32.222954	
0.25000	-0.428583	-48.763419	-0.335776
-0.000774	-0.305461	-18.889482	
0.50000	-0.428583	-34.454824	-0.335776
-0.000774	-0.044901	-22.005843	
0.75000	-0.428583	-20.524048	-0.335776
-0.000774	-0.377246	-25.143490	
1.00000	-0.428583	-7.586040	-0.335776
-0.000774	-0.719268	-44.060020	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.280261	0.304495	0.451262
0.000515	0.765827	1.905396	
0.25000	0.280261	0.308150	0.451262
0.000515	0.372903	1.917326	
0.50000	0.280261	0.326023	0.451262
0.000515	0.011255	1.932659	
0.75000	0.280261	0.345538	0.451262
0.000515	0.390463	1.968972	
1.00000	0.280261	0.363073	0.451262
0.000515	0.776497	2.030965	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.848543	-0.589825	-0.443554
-0.001047	-0.767584	-7.358069	
0.25000	-0.848543	-0.573638	-0.443554
-0.001047	-0.381603	-7.232295	
0.50000	-0.848543	-0.554461	-0.443554
-0.001047	-0.026154	-7.140666	
0.75000	-0.848543	-0.535990	-0.443554
-0.001047	-0.411451	-7.081658	
1.00000	-0.848543	-0.526865	-0.443554
-0.001047	-0.804393	-7.073742	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.932404	20.658219	0.743820
0.000638	1.248774	15.003188	
0.25000	0.932404	26.476338	0.743820
0.000638	0.610445	37.876400	
0.50000	0.932404	54.930164	0.743820
0.000638	0.049913	53.835610	
0.75000	0.932404	85.998760	0.743820
0.000638	0.577163	40.764513	
1.00000	0.932404	113.913122	0.743820
0.000638	1.135540	14.970776	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.917153	-113.659775	-0.650125
-0.001235	-1.140208	-61.460204	
0.25000	-0.917153	-87.889715	-0.650125
-0.001235	-0.577917	-32.732170	
0.50000	-0.917153	-57.360212	-0.650125
-0.001235	-0.077508	-37.763550	
0.75000	-0.917153	-27.955024	-0.650125
-0.001235	-0.706727	-42.948175	
1.00000	-0.917153	-13.427120	-0.650125
-0.001235	-1.353511	-72.026977	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.861960	14.746885	0.836570
0.000906	1.408922	12.659343	
0.25000	0.861960	18.878042	0.836570
0.000906	0.685931	28.909778	
0.50000	0.861960	39.081689	0.836570
0.000906	0.040927	40.253760	
0.75000	0.861960	61.141953	0.836570
0.000906	0.634801	30.980122	
1.00000	0.861960	80.962553	0.836570
0.000906	1.261166	12.813806	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.842043	-81.449353	-0.725409
-0.001094	-1.272901	-51.889821	
0.25000	-0.842943	-63.151315	-0.725409
-0.001094	-0.643889	-31.052971	
0.50000	-0.842943	-41.473834	-0.725409
-0.001094	-0.075543	-34.204002	
0.75000	-0.842943	-20.594673	-0.725409
-0.001094	-0.783602	-37.517069	
1.00000	-0.842943	-10.279131	-0.725409
-0.001094	-1.511727	-57.837834	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.845570	12.498065	0.821546
0.001095	1.387765	11.583968	
0.25000	0.845570	15.926992	0.821546
0.001095	0.677250	24.993764	
0.50000	0.845570	32.696340	0.821546
0.001095	0.035046	34.380509	
0.75000	0.845570	51.397411	0.821546
0.001095	0.627386	26.675381	
1.00000	0.845570	67.458124	0.821546
0.001095	1.250767	11.602945	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.974682	-67.797425	-0.721041
-0.001062	-1.266499	-45.472615	
0.25000	-0.974682	-52.609762	-0.721041
-0.001062	-0.640887	-28.138107	
0.50000	-0.974682	-34.617407	-0.721041
-0.001062	-0.068857	-37.142427	
0.75000	-0.974682	-17.287071	-0.721041
-0.001062	-0.763761	-33.504124	
1.00000	-0.974682	-8.725008	-0.721041
-0.001062	-1.478765	-50.412845	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.726468	14.403644	0.284963
0.000200	0.473421	9.834410	
0.25000	0.726468	18.482176	0.284963
0.000200	0.231757	25.843911	
0.50000	0.726468	38.428451	0.284963
0.000200	0.028271	37.035601	
0.75000	0.726468	60.207693	0.284963
0.000200	0.284577	38.738115	
1.00000	0.726468	79.775801	0.284963
0.000200	0.339821	10.118055	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093602	-79.851161	-0.196932
-0.000106	-0.354630	-40.943344	
0.25000	-0.093602	-61.786219	-0.196932
-0.000106	-0.185674	-20.589708	
0.50000	-0.093602	-40.384884	-0.196932
-0.000106	-0.042127	-23.914864	
0.75000	-0.093602	-19.717100	-0.196932
-0.000106	-0.280147	-27.371252	
1.00000	-0.093602	-9.587566	-0.196932
-0.000106	-0.527840	-47.575392	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.661617	13.905102	0.448008
0.000594	0.749942	10.956715	
0.25000	0.661617	17.797249	0.448008
0.000594	0.365255	26.176658	
0.50000	0.661617	36.823001	0.448008
0.000594	0.029087	36.823546	
0.75000	0.661617	57.615955	0.448008
0.000594	0.300408	28.044965	
1.00000	0.661617	76.289821	0.448008
0.000594	0.599325	10.921992	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.279244	-76.458372	-0.348962
-8.75E-05	-0.623870	-44.131714	
0.25000	-0.279244	-59.218979	-0.348962
-8.75E-05	-0.322284	-24.546334	
0.50000	-0.279244	-38.795662	-0.348962
-8.75E-05	-0.052053	-27.569373	
0.75000	-0.279244	-19.124478	-0.348962
-8.75E-05	-0.427963	-30.744843	
1.00000	-0.279244	-9.405748	-0.348962
-8.75E-05	-0.817725	-49.961810	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.857919	9.256018	0.744724
0.000941	1.257014	9.423501	
0.25000	0.857919	11.785365	0.744724
0.000941	0.611758	19.288952	
0.50000	0.857919	24.155273	0.744724
0.000941	0.028810	26.225915	
0.75000	0.857919	37.661916	0.744724
0.000941	0.541683	20.784456	
1.00000	0.857919	49.797299	0.744724
0.000941	1.082125	10.171548	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.597834	-50.914229	-0.624440
-0.000835	-1.097111	-38.568140	
0.25000	-0.597834	-39.711051	-0.624440
-0.000835	-0.554918	-25.254103	
0.50000	-0.597834	-26.438772	-0.624440
-0.000835	-0.061039	-26.776210	
0.75000	-0.597834	-13.655273	-0.624440
-0.000835	-0.691631	-28.467399	
1.00000	-0.597834	-7.339467	-0.624440
-0.000835	-1.339905	-40.645019	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.909112	7.892112	0.754535
0.001110	1.278817	8.854569	
0.25000	0.909112	10.013606	0.754535
0.001110	0.624498	17.122747	
0.50000	0.909112	20.388886	0.754535
0.001110	0.024974	22.934137	
0.75000	0.909112	31.717605	0.754535
0.001110	0.547906	18.355056	
1.00000	0.909112	41.896177	0.754535
0.001110	1.097352	9.426550	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.657702	-42.840306	-0.634220
-0.000889	-1.114963	-34.281552	
0.25000	-0.657702	-33.443623	-0.634220
-0.000889	-0.564091	-23.080030	
0.50000	-0.657702	-22.311477	-0.634220
-0.000889	-0.055794	-24.334407	
0.75000	-0.657702	-11.589296	-0.634220
-0.000889	-0.694404	-25.722525	
1.00000	-0.657702	-6.291904	-0.634220
-0.000889	-1.351310	-35.900572	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.427424	0.202563	0.215995
0.000499	0.373523	1.513423	
0.25000	0.427424	0.206217	0.215995
0.000499	0.185600	1.504777	
0.50000	0.427424	0.224090	0.215995
0.000499	0.001472	1.503059	
0.75000	0.427424	0.243606	0.215995
0.000499	0.146431	1.493579	
1.00000	0.427424	0.261140	0.215995
0.000499	0.296543	1.489084	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252098	-0.351753	-0.172459
-0.000337	-0.303561	-2.950129	
0.25000	-0.252098	-0.335566	-0.172459
-0.000337	-0.153545	-2.826093	
0.50000	-0.252098	-0.316389	-0.172459
-0.000337	-0.006206	-2.731589	
0.75000	-0.252098	-0.297919	-0.172459
-0.000337	-0.166092	-2.644991	
1.00000	-0.252098	-0.288793	-0.172459
-0.000337	-0.378157	-2.597914	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.502507	1.020283	0.366611
0.000914	0.629936	3.166756	
0.25000	0.502507	1.140884	0.366611
0.000914	0.311454	3.460231	
0.50000	0.502507	1.730694	0.366611
0.000914	0.003619	3.716485	
0.75000	0.502507	2.374703	0.366611
0.000914	0.269172	3.430838	
1.00000	0.502507	2.953330	0.366611
0.000914	0.545964	2.908583	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.618341	-2.915805	-0.318143
-0.000472	-0.561344	-7.438476	
0.25000	-0.618341	-2.381626	-0.318143
-0.000472	-0.284511	-6.673797	
0.50000	-0.618341	-1.748183	-0.318143
-0.000472	-0.015958	-6.653928	
0.75000	-0.618341	-1.139262	-0.318143
-0.000472	-0.326631	-6.698479	
1.00000	-0.618341	-0.838118	-0.318143
-0.000472	-0.645698	-7.323886	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.735617	0.484525	0.524473
0.001065	0.895770	3.962163	
0.25000	0.735617	0.487814	0.524473
0.001065	0.438502	3.859278	
0.50000	0.735617	0.503900	0.524473
0.001065	0.005841	3.831560	
0.75000	0.735617	0.521464	0.524473
0.001065	0.421036	3.912936	
1.00000	0.735617	0.537244	0.524473
0.001065	0.732289	4.235475	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.475784	-1.397233	-0.427161
-0.000394	-0.754309	-12.295097	
0.25000	-0.475784	-1.382665	-0.427161
-0.000394	-0.382273	-11.588477	
0.50000	-0.475784	-1.365406	-0.427161
-0.000394	-0.027894	-10.956233	
0.75000	-0.475784	-1.348782	-0.427161
-0.000394	-0.471846	-10.442746	
1.00000	-0.475784	-1.340569	-0.427161
-0.000394	-0.928419	-10.045458	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.084489	8.564014	0.710628
0.001090	1.205632	9.175314	
0.25000	1.084489	10.866411	0.710628
0.001090	0.590076	18.108938	
0.50000	1.084489	22.126405	0.710628
0.001090	0.023863	24.485024	
0.75000	1.084489	34.421138	0.710628
0.001090	0.495456	19.461328	
1.00000	1.084489	45.467651	0.710628
0.001090	0.993272	9.747507	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.574106	-46.379903	-0.575297
-0.000731	-1.014078	-34.790475	
0.25000	-0.574106	-36.181952	-0.575297
-0.000731	-0.514462	-22.707238	
0.50000	-0.574106	-24.100554	-0.575297
-0.000731	-0.052455	-24.035418	
0.75000	-0.574106	-12.464079	-0.575297

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-0.000731   -0.653888   -25.554896
 1.00000    -0.574106    -6.714971    -0.575297
-0.000731   -1.272095   -36.620151

COMB       DB ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.630494    18.138677    0.497577
 0.001230   0.829861    17.210377
 0.25000    0.630494    38.957196    0.497577
 0.001230   0.401123    53.501431
 0.50000    0.630494    67.140832    0.497577
 0.001230   0.045932    69.869867
 0.75000    0.630494    90.962582    0.497577
 0.001230   0.358911    57.142898
 1.00000    0.630494   108.860501    0.497577
 0.001230   0.718260    16.830738

COMB       DB ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.516781  -106.284523   -0.413196
-0.001227  -0.725684    -52.951929
 0.25000   -0.516781    -87.697793   -0.413196
-0.001227  -0.368625    -28.581757
 0.50000   -0.516781    -61.472402   -0.413196
-0.001227  -0.065284    -34.360295
 0.75000   -0.516781    -35.939495   -0.413196
-0.001227  -0.480346    -40.160503
 1.00000   -0.516781    -12.226176   -0.413196
-0.001227  -0.913334    -74.864205
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

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                                    4277

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    1.084489    20.658219    0.836570
 0.001110   1.408922    15.003188
 0.25000    1.084489    26.476338    0.836570
 0.001110   0.685931    37.876400
 0.50000    1.084489    54.930164    0.836570
 0.001110   0.049913    53.501431
 0.75000    1.084489    85.998760    0.836570
 0.001110   0.634801    40.764513
 1.00000    1.084489   113.913122    0.836570
 0.001110   1.261166    14.970776

COMB       DL ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.974682  -113.659775   -0.725409
-0.001235  -1.272901    -61.460204
 0.25000   -0.974682    -87.889715   -0.725409
-0.001235  -0.643889    -32.732170
 0.50000   -0.974682    -57.360212   -0.725409
-0.001235  -0.077508    -37.763550
 0.75000   -0.974682    -27.955024   -0.725409
-0.001235  -0.783602    -42.948175
 1.00000   -0.974682    -13.427120   -0.725409
-0.001235  -1.511727    -72.026977

COMB       CAR ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    1.084489    20.658219    0.836570
 0.001230   1.408922    17.210377
 0.25000    1.084489    38.957196    0.836570
 0.001230   0.685931    53.501431
 0.50000    1.084489    67.140832    0.836570
 0.001230   0.049913    69.869867
 0.75000    1.084489    90.962582    0.836570
 0.001230   0.634801    57.142898
 1.00000    1.084489   113.913122    0.836570
 0.001230   1.261166    16.830738

COMB       CAR ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.974682  -113.659775   -0.725409
-0.001235  -1.272901    -61.460204
 0.25000   -0.974682    -87.889715   -0.725409
-0.001235  -0.643889    -32.732170
 0.50000   -0.974682    -61.472402   -0.725409
-0.001235  -0.077508    -37.763550
 0.75000   -0.974682    -35.939495   -0.725409
-0.001235  -0.783602    -42.948175
 1.00000   -0.974682    -13.427120   -0.725409
-0.001235  -1.511727    -74.864205

COMB       DESIGN ---------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    1.084489    20.658219    0.836570
 0.001230   1.408922    17.210377
 0.25000    1.084489    38.957196    0.836570
 0.001230   0.685931    53.501431
 0.50000    1.084489    67.140832    0.836570
 0.001230   0.049913    69.869867
 0.75000    1.084489    90.962582    0.836570
 0.001230   0.634801    57.142898
 1.00000    1.084489   113.913122    0.836570
 0.001230   1.261166    16.830738

COMB       DESIGN ---------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.974682  -113.659775   -0.725409
-0.001235  -1.272901    -61.460204
 0.25000   -0.974682    -87.889715   -0.725409
-0.001235  -0.643889    -32.732170
 0.50000   -0.974682    -61.472402   -0.725409
-0.001235  -0.077508    -37.763550
 0.75000   -0.974682    -35.939495   -0.725409
-0.001235  -0.783602    -42.948175
 1.00000   -0.974682    -13.427120   -0.725409
-0.001235  -1.511727    -74.864205
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4278

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       413 ================== LENGTH
=     4.972986

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.206261    0.100579    0.158773
8.39E-06    0.385211    1.042223
 0.25000    0.206261    0.122346    0.158773
8.39E-06    0.187750    1.081261
 0.50000    0.206261    0.153649    0.158773
8.39E-06    0.006066    1.373459
 0.75000    0.206261    0.183924    0.158773
8.39E-06    0.169227    2.048521
 1.00000    0.206261    0.214725    0.158773
8.39E-06    0.332512    2.752651

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.255709   -0.870517   -0.131346
-0.001171  -0.320669   -3.597298
 0.25000   -0.255709   -0.834563   -0.131346
-0.001171  -0.157360   -3.443982
 0.50000   -0.255709   -0.807298   -0.131346
-0.001171  -0.009542   -3.352047
 0.75000   -0.255709   -0.775062   -0.131346
-0.001171  -0.206976   -3.261945
 1.00000   -0.255709   -0.750255   -0.131346
-0.001171  -0.404370   -3.217894

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.393515    11.535954    0.259699
 8.61E-05   0.607228    16.820820
 0.25000    0.393515    31.823050    0.259699
 8.61E-05   0.305493    64.245590
 0.50000    0.393515    60.997024    0.259699
 8.61E-05   0.047707    92.459557
 0.75000    0.393515    89.213277    0.259699
 8.61E-05   0.237921    73.304711
 1.00000    0.393515   117.920321    0.259699
 8.61E-05   0.466579    17.207362

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.372115  -119.735686   -0.184785
-0.001422  -0.452355    -74.842521
 0.25000   -0.372115    -86.225947   -0.184785
-0.001422  -0.227359    -22.369148
 0.50000   -0.372115    -60.815232   -0.184785
-0.001422  -0.047916    -27.101000
 0.75000   -0.372115    -30.771485   -0.184785
-0.001422  -0.361402    -33.529293
 1.00000   -0.372115     -7.650988   -0.184785
-0.001422  -0.684260    -82.867457

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.360307    7.886694    0.290782
 0.000524   0.689985    12.387732
 0.25000    0.360307    21.697973    0.290782
 0.000524   0.342880    44.820684
 0.50000    0.360307    41.559439    0.290782
 0.000524   0.037233    64.630276
 0.75000    0.360307    60.768894    0.290782
 0.000524   0.254516    52.381753
 1.00000    0.360307    80.312478    0.290782
 0.000524   0.507516    15.089257

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.362168   -82.346260   -0.204047
-0.001261  -0.507206   -54.395617
 0.25000   -0.362168   -59.533031   -0.204047
-0.001261  -0.256715   -18.633043
 0.50000   -0.362168   -42.233569   -0.204047
-0.001261  -0.041154   -21.815420
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4279

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T           M2          M3
 0.75000   -0.362168   -21.779967   -0.204047
-0.001261  -0.394660   -26.153216
 1.00000   -0.362168    -6.039671   -0.204047
-0.001261  -0.756091    -59.704085

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.382327    6.584125    0.276258
 0.000864   0.658765    10.812813
 0.25000    0.382327    18.044593    0.276258
 0.000864   0.327258    37.745035
 0.50000    0.382327    34.525384    0.276258
 0.000864   0.032228    54.185671
 0.75000    0.382327    50.465145    0.276258
 0.000864   0.243347    44.061993
 1.00000    0.382327    66.682161    0.276258
 0.000864   0.489307    13.366563

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.409080   -68.601767   -0.198268
-0.001050  -0.496649   -46.407843
 0.25000   -0.409080   -49.671640   -0.198268
-0.001050  -0.252775   -16.768960
 0.50000   -0.409080   -35.316767   -0.198268
-0.001050  -0.037759   -19.446619
 0.75000   -0.409080   -18.344630   -0.198268
-0.001050  -0.371743   -23.083520
 1.00000   -0.409080    -5.283533   -0.198268
-0.001050  -0.715120   -50.961354

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.178727    9.661939    0.100185
 0.000256   0.223946    13.656401
 0.25000    0.178727    26.640410    0.100185
 0.000256   0.117161    53.451516
 0.50000    0.178727    51.056397    0.100185
 0.000256   0.036362    76.778302
 0.75000    0.178727    74.670857    0.100185
 0.000256   0.059001    60.323354
 1.00000    0.178727    98.696066    0.100185
 0.000256   0.119135    12.934436

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.099609   -99.820103   -0.049075
-5.21E-05  -0.124912    -60.343709
 0.25000   -0.099609    -71.775471   -0.049075
-5.21E-05  -0.067851    -16.511436
 0.50000   -0.099609    -50.508993   -0.049075
-5.21E-05  -0.033766    -20.554871
 0.75000   -0.099609    -25.365085   -0.049075
-5.21E-05  -0.149797    -26.018092
 1.00000   -0.099609     -6.015319   -0.049075
-5.21E-05  -0.274329    -67.392932

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.185927    8.939327    0.154124
 0.000798   0.356748    13.152694
 0.25000    0.185927    24.742365    0.154124
 0.000798   0.181723    50.294266
 0.50000    0.185927    47.468015    0.154124
 0.000798   0.036112    72.356696
 0.75000    0.185927    69.447628    0.154124
 0.000798   0.102362    57.495297
 1.00000    0.185927    91.809553    0.154124
 0.000798   0.211985    14.032657

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.175156   -93.430796   -0.088785
-4.86E-05  -0.229543    -58.453021
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4280

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T           M2          M3
 0.25000   -0.175156   -67.327715   -0.088785
-4.86E-05  -0.122807    -17.652092
 0.50000   -0.175156   -47.533532   -0.088785
-4.86E-05  -0.037120    -21.412992
 0.75000   -0.175156    -24.130356   -0.088785
-4.86E-05  -0.218251    -26.496571
 1.00000   -0.175156     -6.120183   -0.088785
-4.86E-05  -0.409769    -65.006375

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.309348    6.499777    0.252564
 0.000724   0.600349    10.629865
 0.25000    0.309348    17.685977    0.252564
 0.000724   0.298072    37.169319
 0.50000    0.309348    33.772356    0.252564
 0.000724   0.030891    53.224521
 0.75000    0.309348    49.330653    0.252564
 0.000724   0.209620    43.418501
 1.00000    0.309348    65.159569    0.252564
 0.000724   0.421895    13.629558

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.333722   -67.119780   -0.171151
-0.000888  -0.429239    -45.043523
 0.25000   -0.333722    -48.642683   -0.171151
-0.000888  -0.219014    -16.095283
 0.50000   -0.333722    -34.631345   -0.171151
-0.000888  -0.035590    -18.690328
 0.75000   -0.333722    -18.065378   -0.171151
-0.000888  -0.341803    -22.221868
 1.00000   -0.333722     -5.316855   -0.171151
-0.000888  -0.655712    -49.414369

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.372261    5.496328    0.244996
 0.000996   0.585670    9.406615
 0.25000    0.372261    14.867137    0.244996
 0.000996   0.290893    31.635761
 0.50000    0.372261    28.342884    0.244996
 0.000996   0.027136    45.096694
 0.75000    0.372261    41.376250    0.244996
 0.000996   0.204842    36.883600
 1.00000    0.372261    54.636317    0.244996
 0.000996   0.415467    11.960618

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.377126   -56.370283   -0.169747
-0.000740  -0.428662    -38.760836
 0.25000   -0.377126    -40.891804   -0.169747
-0.000740  -0.219747    -14.576421
 0.50000   -0.377126    -29.154344   -0.169747
-0.000740  -0.033037    -16.816110
 0.75000   -0.377126    -15.276841   -0.169747
-0.000740  -0.328204    -19.840218
 1.00000   -0.377126     -4.597254   -0.169747
-0.000740  -0.632734    -42.685569

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.198294    0.125458    0.055414
 0.000592   0.137016    0.780976
 0.25000    0.198294    0.147225    0.055414
 0.000592   0.068124    0.855884
 0.50000    0.198294    0.178527    0.055414
 0.000592   0.002026    0.899698
 0.75000    0.198294    0.208802    0.055414
 0.000592   0.044871    0.903945
 1.00000    0.198294    0.239604    0.055414
 0.000592   0.095242    0.877095
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4281

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.191080   -0.345974   -0.040397
-4.69E-07  -0.105626   -1.546640
 0.25000   -0.191080   -0.310019   -0.040397
-4.69E-07  -0.055349   -1.610647
 0.50000   -0.191080   -0.282754   -0.040397
-4.69E-07  -0.004894   -1.737487
 0.75000   -0.191080   -0.250518   -0.040397
-4.69E-07  -0.069648   -1.867594
 1.00000   -0.191080   -0.225711   -0.040397
-4.69E-07  -0.138564   -2.044873

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.258421    0.519288    0.099961
 0.001110   0.245470    1.896165
 0.25000    0.258421    1.172306    0.099961
 0.001110   0.121080    3.443467
 0.50000    0.258421    2.111383    0.099961
 0.001110   0.004828    4.353528
 0.75000    0.258421    3.019631    0.099961
 0.001110   0.083679    3.911801
 1.00000    0.258421    3.943678    0.099961
 0.001110   0.177579    2.593212

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.334886   -4.477765   -0.075385
-2.39E-06  -0.197280    -4.400128
 0.25000   -0.334886    -3.399126   -0.075385
-2.39E-06  -0.103603    -3.849269
 0.50000   -0.334886    -2.581184   -0.075385
-2.39E-06  -0.010422    -4.142125
 0.75000   -0.334886    -1.614111   -0.075385
-2.39E-06  -0.127448    -4.492858
 1.00000   -0.334886    -0.669889   -0.075385
-2.39E-06  -0.251709    -6.225888

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.293989    0.771495    0.159172
 0.001336   0.388127    2.759075
 0.25000    0.293989    1.809494    0.159172
 0.001336   0.191344    5.401055
 0.50000    0.293989    3.302626    0.159172
 0.001336   0.008698    7.322994
 0.75000    0.293989    4.746741    0.159172
 0.001336   0.117353    7.039814
 1.00000    0.293989    6.215975    0.159172
 0.001336   0.249467    5.159636

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.304644   -7.242891   -0.106119
-3.53E-06  -0.278238    -8.639621
 0.25000   -0.304644    -5.527854   -0.106119
-3.53E-06  -0.146431    -6.066097
 0.50000   -0.304644    -4.227327   -0.106119
-3.53E-06  -0.015437    -6.421784
 0.75000   -0.304644    -2.689680   -0.106119
-3.53E-06  -0.205690    -6.867142
 1.00000   -0.304644    -1.506367   -0.106119
-3.53E-06  -0.403503    -9.509489

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.385264    6.502847    0.224955
 0.001105   0.535725    10.746926
 0.25000    0.385264    17.571504    0.224955
 0.001105   0.267624    36.844409
 0.50000    0.385264    33.488849    0.224955
 0.001105   0.029714    52.496771
 0.75000    0.385264    48.883661    0.224955
 0.001105   0.176930    42.451585
 1.00000    0.385264    64.546249    0.224955
 0.001105   0.361818    12.516620
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4282

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.377657   -66.153969   -0.149035
-0.000487  -0.379308    -44.018624
 0.25000   -0.377657    -47.871026   -0.149035
-0.000487  -0.196523    -15.508014
 0.50000   -0.377657    -34.006919   -0.149035
-0.000487  -0.034731    -18.209831
 0.75000   -0.377657    -17.615025   -0.149035
-0.000487  -0.303400    -21.839546
 1.00000   -0.377657     -5.000461   -0.149035
-0.000487  -0.583019    -48.881568

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.270051    0.132616    0.249660
 6.65E-06   0.609899    2.066744
 0.25000    0.270051    0.139417    0.249660
 6.65E-06   0.299141    2.082930
 0.50000    0.270051    0.158476    0.249660
 6.65E-06   0.009958    2.320371
 0.75000    0.270051    0.179776    0.249660
 6.65E-06   0.279218    2.557643
 1.00000    0.270051    0.198642    0.249660
 6.65E-06   0.557821    3.131490

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.613665   -0.991271   -0.224132
-0.001240  -0.556795    -7.119119
 0.25000   -0.613665   -0.973839   -0.224132
-0.001240  -0.278055    -6.267532
 0.50000   -0.613665   -0.952862   -0.224132
-0.001240  -0.019462    -5.561002
 0.75000   -0.613665   -0.931114   -0.224132
-0.001240  -0.319928    -4.960392
 1.00000   -0.613665   -0.921958   -0.224132
-0.001240  -0.631031    -4.480548

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.680168    12.791358    0.413075
 5.82E-05   0.995554    15.006218
 0.25000    0.680168    23.618395    0.413075
 5.82E-05   0.503215    49.573708
 0.50000    0.680168    53.960479    0.413075
 5.82E-05   0.056364    74.819594
 0.75000    0.680168    87.870510    0.413075
 5.82E-05   0.418373    55.159341
 1.00000    0.680168   117.904515    0.413075
 5.82E-05   0.806036    15.420858

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.723485  -118.875434   -0.324098
-0.001456  -0.812468    -72.095881
 0.25000   -0.723485    -91.124460   -0.324098
-0.001456  -0.414632    -24.554863
 0.50000   -0.723485    -57.729399   -0.324098
-0.001456  -0.059493    -28.587961
 0.75000   -0.723485    -26.289544   -0.324098
-0.001456  -0.549917    -33.795133
 1.00000   -0.723485     -8.530050   -0.324098
-0.001456  -1.061890    -76.710913

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.643137    9.150044    0.462108
 0.000428   1.121170    12.856510
 0.25000    0.643137    16.837784    0.462108
 0.000428   0.560848    37.487289
 0.50000    0.643137    38.382189    0.462108
 0.000428   0.047348    55.684310
 0.75000    0.643137    62.460015    0.462108
 0.000428   0.436982    42.156132
 1.00000    0.643137    83.736561    0.462108
 0.000428   0.860622    14.496915
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4283

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.691822   -85.307155   -0.349113
-0.001299  -0.879984    -57.899103
 0.25000   -0.691822    -65.602569   -0.349113
-0.001299  -0.449701    -23.431704
 0.50000   -0.691822    -41.890598   -0.349113
-0.001299  -0.057918    -25.654863
 0.75000   -0.691822    -19.566521   -0.349113
-0.001299  -0.602957    -28.843212
 1.00000   -0.691822     -6.956388   -0.349113
-0.001299  -1.177953    -58.905398

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.642691    7.667451    0.449260
 0.000773   1.093646    11.608368
 0.25000    0.642691    14.048398    0.449260
 0.000773   0.546908    32.046091
 0.50000    0.642691    31.930597    0.449260
 0.000773   0.040969    47.182394
 0.75000    0.642691    51.915576    0.449260
 0.000773   0.417519    36.082747
 1.00000    0.642691    69.616208    0.449260
 0.000773   0.829199    13.335616

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T           M2          M3
 0.00000   -0.763950   -71.117350   -0.338117
-0.001083  -0.855530    -50.452809
 0.25000   -0.763950    -54.762030   -0.338117
-0.001083  -0.438244    -21.577505
 0.50000   -0.763950    -35.080750   -0.338117
-0.001083  -0.053616    -23.241794
 0.75000   -0.763950    -16.551577   -0.338117
-0.001083  -0.582005    -25.777960
 1.00000   -0.763950     -6.084966   -0.338117
-0.001083  -1.141031    -50.661351

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T           M2          M3
 0.00000    0.437369    9.017642    0.157742
 0.000207   0.376840    10.113322
 0.25000    0.437369    16.607449    0.157742
 0.000207   0.195769    34.202954
```

0.50000	0.437369	37.877403	0.157742
0.000207	0.034980	51.756467	
0.75000	0.437369	61.648505	0.157742
0.000207	0.119495	37.907535	
1.00000	0.437369	82.702494	0.157742
0.000207	0.221170	9.953408	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.113882	-83.055388	-0.090409
-4.74E-05	-0.233236	-47.592808	
0.25000	-0.113882	-63.601815	-0.090409
-4.74E-05	-0.124266	-14.644537	
0.50000	-0.113882	-40.191710	-0.090409
-4.74E-05	-0.032310	-17.772121	
0.75000	-0.113882	-18.152213	-0.090409
-4.74E-05	-0.215741	-21.696420	
1.00000	-0.113882	-5.702719	-0.090409
-4.74E-05	-0.410213	-52.024898	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.421721	8.555243	0.246058
0.000699	0.594720	10.904135	
0.25000	0.421721	15.798204	0.246058
0.000699	0.302494	34.046182	
0.50000	0.421721	36.096144	0.246058
0.000699	0.037033	51.032937	
0.75000	0.421721	58.780932	0.246058
0.000699	0.187412	38.096956	
1.00000	0.421721	78.872776	0.246058
0.000699	0.365948	11.783567	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.243138	-79.818050	-0.151799
-4.53E-05	-0.392886	-49.971576	
0.25000	-0.243138	-61.234485	-0.151799
-4.53E-05	-0.207493	-17.991568	
0.50000	-0.243138	-38.913196	-0.151799
-4.53E-05	-0.040754	-20.551167	
0.75000	-0.243138	-17.880881	-0.151799
-4.53E-05	-0.324126	-23.985031	
1.00000	-0.243138	-6.000316	-0.151799
-4.53E-05	-0.630092	-52.679739	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.607730	5.819039	0.408145
0.000636	0.994966	10.176505	
0.25000	0.607730	10.525943	0.408145
0.000636	0.495685	25.059918	
0.50000	0.607730	23.716745	0.408145
0.000636	0.034527	36.208538	
0.75000	0.607730	38.456863	0.408145
0.000636	0.258403	28.351780	
1.00000	0.607730	51.915531	0.408145
0.000636	0.717202	11.984485	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.513455	-53.058208	-0.292934
-0.000898	-0.741928	-40.672757	
0.25000	-0.513455	-40.993855	-0.292934
-0.000898	-0.379864	-19.052520	
0.50000	-0.513455	-26.475814	-0.292934
-0.000898	-0.046805	-20.049451	
0.75000	-0.513455	-12.807771	-0.292934
-0.000898	-0.526664	-21.567907	
1.00000	-0.513455	-5.087077	-0.292934
-0.000898	-1.034563	-39.769863	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.669717	4.973658	0.407561
0.000916	0.997100	9.414233	
0.25000	0.669717	8.921582	0.407561
0.000916	0.497180	21.907374	
0.50000	0.669717	19.985388	0.407561
0.000916	0.030515	31.306284	
0.75000	0.669717	32.350195	0.407561
0.000916	0.351373	24.775652	
1.00000	0.669717	43.301665	0.407561
0.000916	0.706427	11.161294	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.576581	-44.700306	-0.289818
-0.000748	-0.736713	-35.910829	
0.25000	-0.576581	-34.581311	-0.289818
-0.000748	-0.637794	-17.683827	
0.50000	-0.576581	-22.404280	-0.289818
-0.000748	-0.043814	-18.459459	
0.75000	-0.576581	-10.940187	-0.289818
-0.000748	-0.522229	-19.708513	
1.00000	-0.576581	-4.464442	-0.289818
-0.000748	-1.029395	-34.978243	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.340819	0.202255	0.108095
0.000581	0.269849	1.459803	
0.25000	0.340819	0.209056	0.108095
0.000581	0.134998	1.490009	
0.50000	0.340819	0.228115	0.108095
0.000581	0.002633	1.552829	
0.75000	0.340819	0.249415	0.108095
0.000581	0.078679	1.630181	
1.00000	0.340819	0.268281	0.108095
0.000581	0.164928	1.734524	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238486	-0.361474	-0.069266
-2.93E-07	-0.179236	-2.574847	
0.25000	-0.238486	-0.344042	-0.069266
-2.93E-07	-0.092908	-2.476280	
0.50000	-0.238486	-0.323066	-0.069266
-2.93E-07	-0.007101	-2.453800	
0.75000	-0.238486	-0.303317	-0.069266
-2.93E-07	-0.133220	-2.476653	
1.00000	-0.238486	-0.292161	-0.069266
-2.93E-07	-0.267749	-2.560474	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.404711	0.527626	0.188155
0.001108	0.467122	2.865718	
0.25000	0.404711	0.752056	0.188155
0.001108	0.233519	3.576395	
0.50000	0.404711	1.381006	0.188155
0.001108	0.005736	4.194021	
0.75000	0.404711	2.083915	0.188155
0.001108	0.146589	4.105017	
1.00000	0.404711	2.706479	0.188155
0.001108	0.306507	3.731589	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.467736	-3.211069	-0.128749
-1.65E-06	-0.333551	-7.288299	
0.25000	-0.467736	-2.635829	-0.128749
-1.65E-06	-0.173405	-5.828438	
0.50000	-0.467736	-1.943595	-0.128749
-1.65E-06	-0.015304	-5.604680	
0.75000	-0.467736	-1.291889	-0.128749
-1.65E-06	-0.233423	-5.551072	
1.00000	-0.467736	-0.923759	-0.128749
-1.65E-06	-0.467625	-6.367208	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.544881	0.343710	0.275406
0.001244	0.681241	4.190402	
0.25000	0.544881	0.349831	0.275406
0.001244	0.337903	4.197660	
0.50000	0.544881	0.366984	0.275406
0.001244	0.010016	4.466967	
0.75000	0.544881	0.386154	0.275406
0.001244	0.200555	5.092071	
1.00000	0.544881	0.403133	0.275406
0.001244	0.420054	5.921025	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416418	-1.433978	-0.176450
-2.74E-06	-0.456650	-10.022986	
0.25000	-0.416418	-1.418289	-0.176450
-2.74E-06	-0.236969	-9.045373	
0.50000	-0.416418	-1.399410	-0.176450
-2.74E-06	-0.023397	-8.341679	
0.75000	-0.416418	-1.381636	-0.176450
-2.74E-06	-0.342995	-7.822717	
1.00000	-0.416418	-1.371596	-0.176450
-2.74E-06	-0.686537	-7.484132	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.758218	5.440885	0.380575
0.001032	0.931969	9.719552	
0.25000	0.758218	9.725454	0.380575
0.001032	0.466540	23.253363	
0.50000	0.758218	21.732686	0.380575
0.001032	0.030448	33.353561	
0.75000	0.758218	35.151856	0.380575
0.001032	0.309485	26.138528	
1.00000	0.758218	47.037172	0.380575
0.001032	0.622620	11.173894	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.521188	-48.227190	-0.256657
-0.000472	-0.655732	-36.618318	
0.25000	-0.521188	-37.245335	-0.256657
-0.000472	-0.338278	-17.121003	
0.50000	-0.521188	-24.029953	-0.256657
-0.000472	-0.041873	-18.212723	
0.75000	-0.521188	-11.588301	-0.256657
-0.000472	-0.487417	-19.913720	
1.00000	-0.521188	-4.560361	-0.256657
-0.000472	-0.960545	-36.589793	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.393515	11.535954	0.290782
0.001336	0.689985	16.820820	
0.25000	0.393515	31.823050	0.290782
0.001336	0.342880	64.245590	
0.50000	0.393515	60.997024	0.290782
0.001336	0.047707	92.459557	
0.75000	0.393515	89.213277	0.290782
0.001336	0.254515	73.304711	
1.00000	0.393515	117.920321	0.290782
0.001336	0.507516	17.207362	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.409080	-119.735686	-0.204047
-0.001422	-0.507206	-74.842521	
0.25000	-0.409080	-86.225947	-0.204047
-0.001422	-0.256715	-22.369148	
0.50000	-0.409080	-60.815232	-0.204047
-0.001422	-0.047916	-27.101000	
0.75000	-0.409080	-30.771485	-0.204047
-0.001422	-0.394660	-33.529293	
1.00000	-0.409080	-7.650988	-0.204047
-0.001422	-0.756091	-82.867457	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.758218	12.791358	0.462108
0.001244	1.121170	15.006218	
0.25000	0.758218	23.618395	0.462108
0.001244	0.560848	49.573708	
0.50000	0.758218	53.960479	0.462108
0.001244	0.056364	74.819594	
0.75000	0.758218	87.870510	0.462108
0.001244	0.436982	55.159341	
1.00000	0.758218	117.904515	0.462108
0.001244	0.860622	15.420858	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.763950	-118.875434	-0.349113
-0.001456	-0.879984	-72.095881	
0.25000	-0.763950	-91.124460	-0.349113
-0.001456	-0.449701	-24.594863	
0.50000	-0.763950	-57.729399	-0.349113
-0.001456	-0.059493	-28.587961	
0.75000	-0.763950	-26.289544	-0.349113
-0.001456	-0.602957	-33.795133	
1.00000	-0.763950	-8.530050	-0.349113
-0.001456	-1.177953	-76.710913	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.758218	12.791358	0.462108
0.001336	1.121170	16.820820	
0.25000	0.758218	31.823050	0.462108
0.001336	0.560848	64.245590	
0.50000	0.758218	60.997024	0.462108
0.001336	0.056364	92.459557	
0.75000	0.758218	89.213277	0.462108
0.001336	0.436982	73.304711	
1.00000	0.758218	117.920321	0.462108
0.001336	0.860622	17.207362	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.763950	-119.735686	-0.349113
-0.001456	-0.879984	-74.842521	
0.25000	-0.763950	-91.124460	-0.349113
-0.001456	-0.449701	-24.594863	
0.50000	-0.763950	-60.815232	-0.349113
-0.001456	-0.059493	-28.587961	
0.75000	-0.763950	-30.771485	-0.349113
-0.001456	-0.602957	-33.795133	
1.00000	-0.763950	-8.530050	-0.349113
-0.001456	-1.177953	-82.867457	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.758218	12.791358	0.462108
0.001336	1.121170	16.820820	
0.25000	0.758218	31.823050	0.462108
0.001336	0.560848	64.245590	
0.50000	0.758218	60.997024	0.462108
0.001336	0.056364	92.459557	
0.75000	0.758218	89.213277	0.462108
0.001336	0.436982	73.304711	
1.00000	0.758218	117.920321	0.462108
0.001336	0.860622	17.207362	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.763950	-119.735686	-0.349113
-0.001456	-0.879984	-74.842521	
0.25000	-0.763950	-91.124460	-0.349113
-0.001456	-0.449701	-24.594863	
0.50000	-0.763950	-60.815232	-0.349113
-0.001456	-0.059493	-28.587961	
0.75000	-0.763950	-30.771485	-0.349113
-0.001456	-0.602957	-33.795133	
1.00000	-0.763950	-8.530050	-0.349113
-0.001456	-1.177953	-82.867457	

ELEM 414 ========== LENGTH = 4.972566

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206624	0.112469	0.169147
6.47E-06	0.420761	2.730130	
0.25000	0.206624	0.136134	0.169147
6.47E-06	0.210540	3.037010	
0.50000	0.206624	0.167531	0.169147
6.47E-06	0.011281	3.456706	
0.75000	0.206624	0.197107	0.169147
6.47E-06	0.174084	3.999386	
1.00000	0.206624	0.228295	0.169147
6.47E-06	0.347392	4.576020	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210573	-0.783139	-0.139402
-0.001169	-0.345799	-3.204170	
0.25000	-0.210573	-0.751570	-0.139402
-0.001169	-0.172498	-2.998303	
0.50000	-0.210573	-0.712044	-0.139402
-0.001169	0.008479	-2.847019	
0.75000	-0.210573	-0.690583	-0.139402
-0.001169	-0.210146	-2.696488	
1.00000	-0.210573	-0.666634	-0.139402
-0.001169	-0.420392	-2.599300	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.363296	10.900509	0.276938
6.00E-05	0.681660	17.171287	
0.25000	0.363296	32.956280	0.276938
6.00E-05	0.355655	71.763552	
0.50000	0.363296	62.218388	0.276938
6.00E-05	0.063623	98.422467	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.337014	-119.948040	-0.194778
-0.001468	-0.483228	-82.855679	
0.25000	-0.337014	-90.524925	-0.194778
-0.001468	-0.246809	-31.914083	
0.50000	-0.337014	-63.006874	-0.194778
-0.001468	-0.054673	-31.843833	
0.75000	-0.337014	-33.685163	-0.194778
-0.001468	-0.367497	-32.412633	
1.00000	-0.337014	-11.364763	-0.194778
-0.001468	-0.711666	-82.565874	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.346297	7.541950	0.305947
0.000435	0.579702	15.045124	
0.25000	0.346297	22.557386	0.305947
0.000435	0.392012	52.409527	
0.50000	0.346297	42.478853	0.305947
0.000435	0.056450	70.935440	
0.75000	0.346297	61.244565	0.305947
0.000435	0.236996	56.837138	
1.00000	0.346297	81.035107	0.305947
0.000435	0.481578	19.020030	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.354357	-82.386530	-0.196650
-0.001274	-0.496256	-59.681428	
0.25000	-0.354357	-62.357450	-0.196650
-0.001274	-0.255658	-24.862474	
0.50000	-0.354357	-43.623325	-0.196650
-0.001274	-0.046598	-24.676401	
0.75000	-0.354357	-23.661281	-0.196650
-0.001274	-0.392668	-24.925342	
1.00000	-0.354357	-8.465687	-0.196650
-0.001274	-0.772922	-58.931642	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.359894	6.315327	0.288206
0.000781	0.717138	13.322636	
0.25000	0.359894	18.774944	0.288206
0.000781	0.369354	44.421660	
0.50000	0.359894	35.305524	0.288206
0.000781	0.051030	59.955867	
0.75000	0.359894	50.877071	0.288206
0.000781	0.221277	48.476615	
1.00000	0.359894	67.297351	0.288206
0.000781	0.448701	17.368585	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.389089	-68.606210	-0.182883
-0.001061	-0.462369	-50.935610	
0.25000	-0.389089	-51.984675	-0.182883
-0.001061	-0.239175	-22.015678	
0.50000	-0.389089	-36.439338	-0.182883
-0.001061	-0.043208	-21.883667	
0.75000	-0.389089	-19.875089	-0.182883
-0.001061	-0.367758	-22.013030	
1.00000	-0.389089	-7.265979	-0.182883
-0.001061	-0.725421	-50.203960	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137685	9.146654	0.105539
0.000205	0.257722	12.919574	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.137685	27.605346	0.105539
0.000205	0.141828	58.430301	
0.50000	0.137685	52.095094	0.105539
0.000205	0.046838	80.485850	
0.75000	0.137685	75.164053	0.105539
0.000205	0.051354	62.060550	
1.00000	0.137685	99.490394	0.105539
0.000205	0.102521	14.294316	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.112129	-100.048313	-0.041202
-0.000170	-0.106931	-67.391622	
0.25000	-0.112129	-75.423818	-0.041202
-0.000170	-0.060491	-24.858934	
0.50000	-0.112129	-52.393688	-0.041202
-0.000170	-0.040647	-24.901246	
0.75000	-0.112129	-27.854059	-0.041202
-0.000170	-0.149622	-25.478265	
1.00000	-0.112129	-9.173896	-0.041202
-0.000170	-0.280762	-67.552748	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.163011	8.535138	0.157450
0.000687	0.391781	14.007265	
0.25000	0.163011	25.715921	0.157450
0.000687	0.210481	56.465508	
0.50000	0.163011	48.510224	0.157450
0.000687	0.051994	77.249165	
0.75000	0.163011	69.982102	0.157450
0.000687	0.073060	60.515417	
1.00000	0.163011	92.624311	0.157450
0.000687	0.155261	16.553062	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194703	-93.549530	-0.066053
-6.99E-05	-0.175484	-64.994512	
0.25000	-0.194703	-70.629807	-0.066053
-6.99E-05	-0.097796	-25.330776	
0.50000	-0.194703	-49.194071	-0.066053
-6.99E-05	-0.044680	-25.294261	
0.75000	-0.194703	-26.353339	-0.066053
-6.99E-05	-0.209213	-25.755471	
1.00000	-0.194703	-8.966418	-0.066053
-6.99E-05	-0.404146	-64.841790	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.291932	6.281588	0.262872
0.000623	0.655455	13.589249	
0.25000	0.291932	18.443026	0.262872
0.000623	0.338995	43.807694	
0.50000	0.291932	34.578002	0.262872
0.000623	0.050263	58.881296	
0.75000	0.291932	49.776898	0.262872
0.000623	0.186605	47.666310	
1.00000	0.291932	65.804213	0.262872
0.000623	0.380890	17.397491	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.335630	-67.106180	-0.156259
-0.000907	-0.398189	-49.391215	
0.25000	-0.335630	-50.882426	-0.156259
-0.000907	-0.207052	-21.155327	
0.50000	-0.335630	-35.709114	-0.156259
-0.000907	-0.040955	-20.906615	
0.75000	-0.335630	-19.541274	-0.156259
-0.000907	-0.334967	-21.136214	
1.00000	-0.335630	-7.233920	-0.156259
-0.000907	-0.660998	-48.643980	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.345375	5.304447	0.254226
0.000920	0.633367	11.920302	
0.25000	0.345375	15.492225	0.254226
0.000920	0.325972	37.403017	
0.50000	0.345375	29.008682	0.254226
0.000920	0.045648	50.194115	
0.75000	0.345375	41.740973	0.254226
0.000920	0.180729	40.969998	
1.00000	0.345375	55.167242	0.254226
0.000920	0.367914	15.783995	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.377640	-56.375725	-0.150516
-0.000756	-0.381889	-42.659828	
0.25000	-0.377640	-42.784898	-0.150516
-0.000756	-0.197386	-18.992188	
0.50000	-0.377640	-30.074038	-0.150516
-0.000756	-0.038700	-18.822507	
0.75000	-0.377640	-16.530051	-0.150516
-0.000756	-0.323022	-18.948503	
1.00000	-0.377640	-6.220038	-0.150516
-0.000756	-0.638561	-41.978971	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.174368	0.087481	0.055862
0.000619	0.139050	0.871735	
0.25000	0.174368	0.111146	0.055862
0.000619	0.069605	1.132584	
0.50000	0.174368	0.142544	0.055862
0.000619	0.005159	1.401459	
0.75000	0.174368	0.172119	0.055862
0.000619	0.041075	1.642168	
1.00000	0.174368	0.203307	0.055862
0.000619	0.081968	1.862249	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185725	-0.381726	-0.032954

```
-5.11E-07   -0.081920   -2.035355
0.25000   -0.185725   -0.350156   -0.032954
-5.11E-07   -0.040959   -1.965273
0.50000   -0.185725   -0.320630   -0.032954
-5.11E-07   -0.006841   -1.950376
0.75000   -0.185725   -0.289169   -0.032954
-5.11E-07   -0.069284   -1.936565
1.00000   -0.185725   -0.265220   -0.032954
-5.11E-07   -0.138744   -1.977156

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.228024    0.503591    0.098582
0.001104    0.248534    2.575643
0.25000    0.228024    1.213540    0.098582
0.001104    0.126581    4.553722
0.50000    0.228024    2.155454    0.098582
0.001104    0.012888    5.825339
0.75000    0.228024    3.042721    0.098582
0.001104    0.068043    5.675958
1.00000    0.228024    3.978350    0.098582
0.001104    0.137090    4.510021

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.301464   -4.438337   -0.055777
-3.29E-06   -0.143077   -6.208210
0.25000   -0.301464   -3.491241   -0.055777
-3.29E-06   -0.073898   -4.514431
0.50000   -0.301464   -2.605467   -0.055777
-3.29E-06   -0.013555   -4.457744
0.75000   -0.301464   -1.661635   -0.055777
-3.29E-06   -0.120788   -4.422593
1.00000   -0.301464   -0.943167   -0.055777
-3.29E-06   -0.142380   -5.984728
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4291

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.263261    0.812226    0.159972
0.001258    0.403029    5.130776
0.25000    0.263261    1.941046    0.159972
0.001258    0.205284    8.280243
0.50000    0.263261    3.438688    0.159972
0.001258    0.021946   10.238818
0.75000    0.263261    4.801444    0.159972
0.001258    0.085773   10.008110
1.00000    0.263261    6.337093    0.159972
0.001258    0.179829    8.175499

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.314250   -7.169034   -0.075650
-4.94E-06   -0.198209   -9.484306
0.25000   -0.314250   -5.663152   -0.075650
-4.94E-06   -0.104414   -6.738530
0.50000   -0.314250   -4.254771   -0.075650
-4.94E-06   -0.019326   -6.596700
0.75000   -0.314250   -2.754078   -0.075650
-4.94E-06   -0.195394   -6.488117
1.00000   -0.314250   -1.611714   -0.075650
-4.94E-06   -0.393608   -8.918883

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.349278    6.205527    0.232032
0.001042    0.577700   12.479725
0.25000    0.349278   18.239175    0.232032
0.001042    0.299348   42.486363
0.50000    0.349278   34.204606    0.232032
0.001042    0.047976   57.418011
0.75000    0.349278   49.243793    0.232032
0.001042    0.152786   46.240807
1.00000    0.349278   65.102696    0.232032
0.001042    0.312052   16.121255

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.385577   -66.222354   -0.128057
-0.000510   -0.284304   48.857928
0.25000   -0.385577   -50.169077   -0.128057
-0.000510   -0.170202   -20.981063
0.50000   -0.385577   -35.155204   -0.128057
-0.000510   -0.041634   -20.859910
0.75000   -0.385577   -19.157254   -0.128057
-0.000510   -0.297354   -21.087814
1.00000   -0.385577   -6.979224   -0.128057
-0.000510   -0.585221   -48.370339

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.283082    0.198407    0.255560
5.32E-06    0.641192    3.147068
0.25000    0.283082    0.206361    0.255560
5.32E-06    0.323242    3.341505
0.50000    0.283082    0.225563    0.255560
5.32E-06    0.012273    3.649567
0.75000    0.283082    0.246516    0.255560
5.32E-06    0.266940    4.074346
1.00000    0.283082    0.264919    0.255560
5.32E-06    0.540492    4.718405

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.434457   -0.898596   -0.220039
-0.001193   -0.553216   -4.517330
0.25000   -0.434457   -0.880285   -0.220039
-0.001193   -0.279782   -3.972539
0.50000   -0.434457   -0.859352   -0.220039
-0.001193   -0.011102   -3.556964
0.75000   -0.434457   -0.840093   -0.220039
-0.001193   -0.311444   -3.251888
1.00000   -0.434457   -0.831745   -0.220039
-0.001193   -0.629286   -3.227388
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4292

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.573462   12.437386    0.418305
4.89E-05    1.047663   15.432931
0.25000    0.573462   25.101020    0.418305
4.89E-05    0.547289   55.178525
0.50000    0.573462   55.670352    0.418305
4.89E-05    0.067474   78.976266
0.75000    0.573462   89.026850    0.418305
4.89E-05    0.389135   57.594557
1.00000    0.573462  118.323932    0.418305
4.89E-05    0.764330   19.089673

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.594374  -119.713281   -0.313294
-0.001406   -0.810469   -76.766691
0.25000   -0.594374   -90.562202   -0.313294
-0.001406   -0.423575   -31.026163
0.50000   -0.594374   -57.236306   -0.313294
-0.001406   -0.049196   -30.823978
0.75000   -0.594374   -26.575928   -0.313294
-0.001406   -0.530475   -30.845512
1.00000   -0.594374   -13.287091   -0.313294
-0.001406   -1.045895   -74.961724

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.560168    9.047783    0.460897
0.000354    1.160855   14.492915
0.25000    0.560168   18.039599    0.460897
0.000354    0.600486   42.852547
0.50000    0.560168   39.745361    0.460897
0.000354    0.061941   60.047737
0.75000    0.560168   63.430151    0.460897
0.000354    0.386497   45.368801
1.00000    0.560168   84.232552    0.460897
0.000354    0.776048   18.731990

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.613352   -85.846129   -0.320943
-0.001233   -0.831681   -58.952636
0.25000   -0.613352   -65.147399   -0.320943
-0.001233   -0.434031   -25.995459
0.50000   -0.613352   -41.484338   -0.320943
-0.001233   -0.046685   -25.483673
0.75000   -0.613352   -19.713928   -0.320943
-0.001233   -0.568900   -25.296314
1.00000   -0.613352   -10.278186   -0.320943
-0.001233   -1.139642   -56.604260

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.560913    7.603873    0.443030
0.000695    1.118098   13.316608
0.25000    0.560913   15.067223    0.443030
0.000695    0.578204   36.940793
0.50000    0.560913   33.083352    0.443030
0.000695    0.057010   51.352642
0.75000    0.560913   52.742104    0.443030
0.000695    0.360262   39.409714
1.00000    0.560913   70.008428    0.443030
0.000695    0.727607   17.579370

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.659008   -71.545565   -0.301750
-0.001028   -0.782249   -50.689580
0.25000   -0.659008   -54.365290   -0.301750
-0.001028   -0.408299   -23.220508
0.50000   -0.659008   -34.724572   -0.301750
-0.001028   -0.044409   -22.728337
0.75000   -0.659008   -16.654786   -0.301750
-0.001028   -0.543258   -22.575929
1.00000   -0.659008   -8.822969   -0.301750
-0.001028   -1.091571   -48.606003
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4293

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.302409    8.752511    0.154768
0.000170    0.389490    9.942824
0.25000    0.302409   17.629781    0.154768
0.000170    0.211014   37.642997
0.50000    0.302409   39.059037    0.154768
0.000170    0.043347   54.144701
0.75000    0.302409   62.442109    0.154768
0.000170    0.098310   39.075711
1.00000    0.302409   82.979511    0.154768
0.000170    0.184460   11.899252

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.167526   -83.698820   -0.077529
-0.000160   -0.214052   -52.037843
0.25000   -0.167526   -63.263767   -0.077529
-0.000160   -0.119864   -20.184408
0.50000   -0.167526   -39.902147   -0.077529
-0.000160   -0.030101   -20.211755
0.75000   -0.167526   -18.409067   -0.077529
-0.000160   -0.200587   -20.381298
1.00000   -0.167526   -9.093526   -0.077529
-0.000160   -0.389730   -51.337622

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.316894    8.441275    0.235971
0.000588    0.598920   11.755022
0.25000    0.316894   16.912864    0.235971
0.000588    0.318068   38.353717
0.50000    0.316894   37.362826    0.235971
0.000588    0.051021   54.375278
0.75000    0.316894   59.677317    0.235971
0.000588    0.140061   40.320791
1.00000    0.316894   79.276182    0.235971
0.000588    0.279958   14.819519

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.286490   -80.371370   -0.119812
-5.58E-05   -0.327270   -52.684687
0.25000   -0.286490   -60.870177   -0.119812
-5.58E-05   -0.179852   -22.001255
0.50000   -0.286490   -38.576157   -0.119812
-5.58E-05   -0.037446   -21.831848
0.75000   -0.286490   -18.065289   -0.119812
-5.58E-05   -0.292336   -21.918794
1.00000   -0.286490   -9.175477   -0.119812
-5.58E-05   -0.582448   -51.479694

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.503369    5.868483    0.401155
0.000535    1.015043   11.967316
0.25000    0.503369   11.373823    0.401155
0.000535    0.524195   29.245520
0.50000    0.503369   24.663418    0.401155
0.000535    0.049035   39.883699
0.75000    0.503369   39.164694    0.401155
0.000535    0.306219   31.434388
1.00000    0.503369   51.901196    0.401155
0.000535    0.622667   15.808440

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.510529   -53.364408   -0.259026
-0.000855   -0.672666   -39.788620
0.25000   -0.510529   -40.691379   -0.259026
-0.000855   -0.351644   -19.299304
0.50000   -0.510529   -26.203406   -0.259026
-0.000855   -0.037316   -18.745232
0.75000   -0.510529   -12.874230   -0.259026
-0.000855   -0.487709   -18.281817
1.00000   -0.510529   -7.097092   -0.259026
-0.000855   -0.984399   -37.239039
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4294

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.556913    4.991849    0.396370
0.000837    1.003843   11.130035
0.25000    0.556913    9.609462    0.396370
0.000837    0.317570   25.737947
0.50000    0.556913   20.756131    0.396370
0.000837    0.046228   34.805893
0.75000    0.556913   32.919100    0.396370
0.000837    0.291086   27.917148
1.00000    0.556913   43.601862    0.396370
0.000837    0.595981   15.034849

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.567553   -44.979429   -0.248728
-0.000712   -0.646603   -34.981728
0.25000   -0.567553   -34.349975   -0.248728
-0.000712   -0.337741   -17.721627
0.50000   -0.567553   -22.198094   -0.248728
-0.000712   -0.036849   -17.216147
0.75000   -0.567553   -11.018227   -0.248728
-0.000712   -0.479202   -16.857708
1.00000   -0.567553   -6.172643   -0.248728
-0.000712   -0.970544   -32.817943

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.261744    0.133858    0.099193
0.000619    0.252471    1.707747
0.25000    0.261744    0.141212    0.099193
0.000619    0.128810    1.895755
0.50000    0.261744    0.160414    0.099193
0.000619    0.007956    2.116776
0.75000    0.261744    0.181367    0.099193
0.000619    0.055914    2.470758
1.00000    0.261744    0.199769    0.099193
0.000619    0.118817    2.726386

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.235926   -0.422553   -0.050488
-3.02E-07   -0.131650   -2.542021
0.25000   -0.235926   -0.404242   -0.050488
-3.02E-07   -0.068824   -2.413287
0.50000   -0.235926   -0.383309   -0.050488
-3.02E-07   -0.008656   -2.354908
0.75000   -0.235926   -0.362450   -0.050488
-3.02E-07   -0.116583   -2.406366
1.00000   -0.235926   -0.355703   -0.050488
-3.02E-07   -0.239959   -2.530280

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.326912    0.519500    0.172726
0.001079    0.441323    3.687050
0.25000    0.326912    0.782000    0.172726
0.001079    0.226775    4.750640
0.50000    0.326912    1.412661    0.172726
0.001079    0.016272    5.603207
0.75000    0.326912    2.107096    0.172726
0.001079    0.104606    5.761415
1.00000    0.326912    2.714384    0.172726
0.001079    0.221289    5.678149

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.405237   -3.235428   -0.093976
-1.97E-06   -0.245909   -6.336995
0.25000   -0.405237   -2.631165   -0.093976
-1.97E-06   -0.129483   -5.124949
0.50000   -0.405237   -1.940365   -0.093976
-1.97E-06   -0.016324   -4.947013
0.75000   -0.405237   -1.304817   -0.093976
-1.97E-06   -0.202244   -4.977676
1.00000   -0.405237   -1.029357   -0.093976
-1.97E-06   -0.416696   -6.016095
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4295

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.433174    0.459431    0.257230
0.001169    0.657159    5.869558
0.25000    0.433174    0.466591    0.257230
0.001169    0.336831    6.121928
0.50000    0.433174    0.483872    0.257230
0.001169    0.023986    6.632091
0.75000    0.433174    0.502730    0.257230
0.001169    0.140938    7.585371
1.00000    0.433174    0.519292    0.257230
0.001169    0.302243    8.770808

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.440799   -1.429708   -0.129623
-2.74E-06   -0.341255   -7.462415
0.25000   -0.440799   -1.413229   -0.129623
-2.74E-06   -0.180247   -6.828142
0.50000   -0.440799   -1.394389   -0.129623
-2.74E-06   -0.021995   -6.393479
0.75000   -0.440799   -1.377055   -0.129623
-2.74E-06   -0.299431   -6.261378
1.00000   -0.440799   -1.369543   -0.129623
-2.74E-06   -0.619965   -6.384320

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.593980    5.387289    0.366247
0.000979    0.928699   11.132992
0.25000    0.593980   10.398652    0.366247
0.000979    0.480759   26.951370
0.50000    0.593980   22.495812    0.366247
0.000979    0.046644   36.699710
0.75000    0.593980   35.695934    0.366247
0.000979    0.248452   29.101198
1.00000    0.593980   47.289629    0.366247
0.000979    0.508050   14.921884

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.547465   -48.578379   -0.213353
-0.000474   -0.558722   -36.585423
0.25000   -0.547465   -37.042463   -0.213353
-0.000474   -0.294576   -18.090036
0.50000   -0.547465   -23.854451   -0.213353
-0.000474   -0.037213   -17.669015
0.75000   -0.547465   -11.721261   -0.213353
-0.000474   -0.442194   -17.504571
1.00000   -0.547465   -6.462488   -0.213353
-0.000474   -0.896282   -35.013687

COMB      DB ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.363296   10.900509    0.305947
0.001258    0.759702   17.171287
0.25000    0.363296   32.956280    0.305947
0.001258    0.392012   71.763552
0.50000    0.363296   62.218388    0.305947
0.001258    0.063623   98.422467
0.75000    0.363296   89.782837    0.305947
0.001258    0.243219   76.827979
1.00000    0.363296  118.849696    0.305947
0.001258    0.485404   20.195692

COMB      DB ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.389089  -119.948040   -0.196650
-0.001468   -0.496256   -82.855679
0.25000   -0.389089   -90.524925   -0.196650
-0.001468   -0.255658   -31.914083
0.50000   -0.389089   -63.006874   -0.196650
-0.001468   -0.054673   -31.843833
0.75000   -0.389089   -33.685163   -0.196650
-0.001468   -0.392668   -32.412633
1.00000   -0.389089   -11.364763   -0.196650
-0.001468   -0.772922   -82.565874
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4296

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.593980   12.437386    0.460897
0.001169    1.160855   15.432931
0.25000    0.593980   25.101020    0.460897
0.001169    0.600486   55.178525
0.50000    0.593980   55.670352    0.460897
0.001169    0.067474   78.976266
0.75000    0.593980   89.026850    0.460897
0.001169    0.389135   57.594557
1.00000    0.593980  118.323932    0.460897
0.001169    0.776048   19.089673

COMB      DL ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.659008  -119.713281   -0.320943
-0.001406   -0.831681   -76.766691
0.25000   -0.659008   -90.562202   -0.320943
-0.001406   -0.434031   -31.026163
0.50000   -0.659008   -57.236306   -0.320943
-0.001406   -0.049196   -30.823978
0.75000   -0.659008   -26.575928   -0.320943
-0.001406   -0.568900   -30.845512
1.00000   -0.659008   -13.287091   -0.320943
-0.001406   -1.139642   -74.961724

COMB      CAR ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.593980   12.437386    0.460897
0.001258    1.160855   17.171287
0.25000    0.593980   32.956280    0.460897
0.001258    0.600486   71.763552
0.50000    0.593980   62.218388    0.460897
0.001258    0.067474   98.422467
0.75000    0.593980   89.782837    0.460897
0.001258    0.389135   76.827979
1.00000    0.593980  118.849696    0.460897
0.001258    0.776048   20.195692

COMB      CAR ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.659008  -119.948040   -0.320943
-0.001468   -0.831681   -82.855679
0.25000   -0.659008   -90.562202   -0.320943
-0.001468   -0.434031   -31.914083
0.50000   -0.659008   -63.006874   -0.320943
-0.001468   -0.054673   -31.843833
0.75000   -0.659008   -33.685163   -0.320943
-0.001468   -0.568900   -32.412633
1.00000   -0.659008   -13.287091   -0.320943
-0.001468   -1.139642   -82.565874

COMB      DESIGN ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.593980   12.437386    0.460897
0.001258    1.160855   17.171287
0.25000    0.593980   32.956280    0.460897
0.001258    0.600486   71.763552
0.50000    0.593980   62.218388    0.460897
0.001258    0.067474   98.422467
0.75000    0.593980   89.782837    0.460897
0.001258    0.389135   76.827979
1.00000    0.593980  118.849696    0.460897
0.001258    0.776048   20.195692

COMB      DESIGN ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.659008  -119.948040   -0.320943
-0.001468   -0.831681   -82.855679
0.25000   -0.659008   -90.562202   -0.320943
-0.001468   -0.434031   -31.914083
0.50000   -0.659008   -63.006874   -0.320943
-0.001468   -0.054673   -31.843833
0.75000   -0.659008   -33.685163   -0.320943
-0.001468   -0.568900   -32.412633
1.00000   -0.659008   -13.287091   -0.320943
-0.001468   -1.139642   -82.565874
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4297

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      415 ========== LENGTH
=    4.972251

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.213173    0.130963    0.164235
5.47E-06    0.412774    4.547640
0.25000    0.213173    0.154793    0.164235
5.47E-06    0.208737    4.904673
0.50000    0.213173    0.186127    0.164235
5.47E-06    0.016802    5.384994
0.75000    0.213173    0.215650    0.164235
5.47E-06    0.173816    6.001354
1.00000    0.213173    0.246866    0.164235
5.47E-06    0.347921    6.656525

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
T          M2          M3
0.00000   -0.199599   -0.845632   -0.140052
-0.001014   -0.348452   -2.590824
0.25000   -0.199599   -0.814339   -0.140052
-0.001014   -0.174348   -2.468909
0.50000   -0.199599   -0.784827   -0.140052
-0.001014   -0.007051   -2.400953
0.75000   -0.199599   -0.753426   -0.140052
-0.001014   -0.200118   -2.334092
1.00000   -0.199599   -0.729541   -0.140052
-0.001014   -0.404163   -2.320758

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
T          M2          M3
0.00000    0.371843   10.880950    0.265743
5.67E-05    0.671262   20.151305
0.25000    0.371843   33.034568    0.265743
5.67E-05    0.353329   77.916782
```

0.50000 0.371843 62.293797 0.265743
5.67E-05 0.073414 101.831248
0.75000 0.371843 89.809730 0.265743
5.67E-05 0.241533 80.203700
1.00000 0.371843 118.903321 0.265743
5.67E-05 0.484103 23.679442

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.334371	-120.076330	-0.195096
-0.001291	-0.485961	-82.561665	
0.25000	-0.334371	-90.911522	-0.195096
-0.001291	-0.243414	-31.749293	
0.50000	-0.334371	-63.405891	-0.195096
-0.001291	-0.051687	-31.038825	
0.75000	-0.334371	-34.140298	-0.195096
-0.001291	-0.346220	-31.350438	
1.00000	-0.334371	-11.879614	-0.195096
-0.001291	-0.676356	-81.547865	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.356618	7.541205	0.282069
0.000374	0.718900	18.968771	
0.25000	0.356618	22.623254	0.282069
0.000374	0.377116	58.540412	
0.50000	0.356618	42.542762	0.282069
0.000374	0.069267	75.262392	
0.75000	0.356618	61.275443	0.282069
0.000374	0.223600	61.221523	
1.00000	0.356618	81.082186	0.282069
0.000374	0.449373	23.567218	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.372779	-82.556298	-0.181469
-0.001298	-0.453806	-58.920283	
0.25000	-0.372779	-62.701072	-0.181469
-0.001298	-0.230779	-24.280235	
0.50000	-0.372779	-43.375404	-0.181469
-0.001298	-0.043195	-23.749261	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.372779	-24.051564	-0.181469
-0.001298	-0.351828	-23.914115	
1.00000	-0.372779	-8.896624	-0.181469
-0.001298	-0.701984	-58.040928	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.374166	6.321807	0.268895
0.000659	0.682147	17.320516	
0.25000	0.374166	18.836700	0.268895
0.000659	0.355231	50.289749	
0.50000	0.374166	35.365652	0.268895
0.000659	0.064766	64.363540	
0.75000	0.374166	50.909793	0.268895
0.000659	0.213339	52.958135	
1.00000	0.374166	67.345174	0.268895
0.000659	0.427177	22.005246	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403696	-68.766370	-0.171878
-0.001081	-0.427481	-50.190978	
0.25000	-0.403696	-52.290757	-0.171878
-0.001081	-0.216294	-21.442282	
0.50000	-0.403696	-36.752436	-0.171878
-0.001081	-0.039979	-20.996861	
0.75000	-0.403696	-20.219888	-0.171878
-0.001081	-0.336246	-21.128828	
1.00000	-0.403696	-7.644512	-0.171878
-0.001081	-0.670110	-49.442000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139003	9.122534	0.095330
0.000192	0.240519	14.278146	
0.25000	0.139003	27.663116	0.095330
0.000192	0.136975	62.409551	
0.50000	0.139003	52.150453	0.095330
0.000192	0.051771	82.127015	
0.75000	0.139003	75.178809	0.095330
0.000192	0.049244	63.632406	
1.00000	0.139003	99.527523	0.095330
0.000192	0.099545	15.905720	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.129413	-100.118225	-0.040424
-0.000213	-0.101442	-67.554896	
0.25000	-0.129413	-75.709910	-0.040424
-0.000213	-0.051162	-25.079607	
0.50000	-0.129413	-52.690176	-0.040424
-0.000213	-0.039089	-24.535097	
0.75000	-0.129413	-28.197512	-0.040424
-0.000213	-0.132476	-24.840976	
1.00000	-0.129413	-9.567326	-0.040424
-0.000213	-0.250971	-66.906782	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176354	8.516266	0.137109
0.000586	0.354367	16.527289	
0.25000	0.176354	25.773268	0.137109
0.000586	0.193869	61.480488	
0.50000	0.176354	48.565329	0.137109
0.000586	0.061268	80.147412	
0.75000	0.176354	69.999414	0.137109
0.000586	0.060539	63.398437	
1.00000	0.176354	92.662448	0.137109
0.000586	0.122602	19.539858	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.225336	-93.664564	-0.049738
-0.000252	-0.124654	-64.837903	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.225336	-70.946055	-0.049738
-0.000252	-0.066070	-25.281808	
0.50000	-0.225336	-49.519995	-0.049738
-0.000252	-0.042378	-24.753590	
0.75000	-0.225336	-26.722977	-0.049738
-0.000252	-0.177982	-25.021544	
1.00000	-0.225336	-9.382573	-0.049738
-0.000252	-0.348078	-64.149050	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.307397	6.278962	0.239744
0.000532	0.611984	17.352113	
0.25000	0.307397	18.494353	0.239744
0.000532	0.321194	49.368613	
0.50000	0.307397	34.627741	0.239744
0.000532	0.063037	63.005211	
0.75000	0.307397	49.799884	0.239744
0.000532	0.175040	51.859975	
1.00000	0.307397	65.841941	0.239744
0.000532	0.351755	21.732838	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.362365	-67.265515	-0.141998
-0.001004	-0.354261	-48.632308	
0.25000	-0.362365	-51.184190	-0.141998
-0.001004	-0.180316	-20.570446	
0.50000	-0.362365	-36.017727	-0.141998
-0.001004	-0.037833	-20.134515	
0.75000	-0.362365	-19.880830	-0.141998
-0.001004	-0.297534	-20.262155	
1.00000	-0.362365	-7.606403	-0.141998
-0.001004	-0.595147	-47.896578	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353602	5.317088	0.235789
0.000779	0.598686	15.742075	
0.25000	0.353602	15.550062	0.235789
0.000779	0.311631	42.761467	
0.50000	0.353602	29.065189	0.235789
0.000779	0.059064	54.377350	
0.75000	0.353602	41.775070	0.235789
0.000779	0.173769	45.234092	
1.00000	0.353602	55.213687	0.235789
0.000779	0.347432	20.184930	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.398876	-56.525753	-0.139603
-0.000837	-0.346672	-41.966185	
0.25000	-0.398876	-43.054240	-0.139603
-0.000837	-0.175619	-18.459263	
0.50000	-0.398876	-30.349118	-0.139603
-0.000837	-0.035704	-18.094904	
0.75000	-0.398876	-16.831052	-0.139603
-0.000837	-0.293556	-18.202654	
1.00000	-0.398876	-6.486185	-0.139603
-0.000837	-0.586327	-41.353207	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167326	0.105225	0.056748
0.000520	0.139774	1.856890	
0.25000	0.167326	0.128995	0.056748
0.000520	0.069306	2.181942	
0.50000	0.167326	0.160389	0.056748
0.000520	0.009670	2.491742	
0.75000	0.167326	0.189912	0.056748
0.000520	0.045880	2.766764	
1.00000	0.167326	0.221128	0.056748
0.000520	0.089351	3.018547	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.186431	-0.405208	-0.035005
-4.44E-07	-0.084706	-1.972833	
0.25000	-0.186431	-0.373915	-0.035005
-4.44E-07	-0.041274	-1.922688	
0.50000	-0.186431	-0.344403	-0.035005
-4.44E-07	-0.006220	-1.926300	
0.75000	-0.186431	-0.313002	-0.035005
-4.44E-07	-0.071971	-1.931009	
1.00000	-0.186431	-0.289117	-0.035005
-4.44E-07	-0.142526	-1.989666	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.241171	0.519024	0.095274
0.000923	0.237357	4.497196	
0.25000	0.241171	1.232123	0.095274
0.000923	0.119376	6.690384	
0.50000	0.241171	2.173944	0.095274
0.000923	0.020494	7.965052	
0.75000	0.241171	3.059650	0.095274
0.000923	0.075514	7.866679	
1.00000	0.241171	3.996139	0.095274
0.000923	0.147395	6.755022	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.302733	-4.491398	-0.057824
-1.98E-06	-0.140220	-5.976131	
0.25000	-0.302733	-3.552556	-0.057824
-1.98E-06	-0.068401	-4.336403	
0.50000	-0.302733	-2.667182	-0.057824
-1.98E-06	-0.012310	-4.309398	
0.75000	-0.302733	-1.725156	-0.057824
-1.98E-06	-0.120477	-4.312592	
1.00000	-0.302733	-1.008611	-0.057824
-1.98E-06	-0.237886	-5.927339	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.266247	0.839418	0.144518
0.001065	0.367785	8.150308	
0.25000	0.266247	1.973246	0.144518
0.001065	0.189143	11.566382	
0.50000	0.266247	3.470741	0.144518
0.001065	0.033005	13.499381	
0.75000	0.266247	4.879014	0.144518
0.001065	0.080235	13.377642	
1.00000	0.266247	6.368031	0.144518
0.001065	0.159129	11.664080	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.339852	-7.275059	-0.063323
-0.000202	-0.155827	-8.905947	
0.25000	-0.339852	-5.782397	-0.063323
-0.000202	-0.079534	-6.274255	
0.50000	-0.339852	-4.374651	-0.063323
-0.000202	-0.017383	-6.206792	
0.75000	-0.339852	-2.876831	-0.063323
-0.000202	-0.173230	-6.191639	
1.00000	-0.339852	-1.737523	-0.063323
-0.000202	-0.352581	-8.729996	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353741	6.217502	0.214770
0.000946	0.545323	16.084974	
0.25000	0.353741	18.304534	0.214770
0.000946	0.285401	47.889472	
0.50000	0.353741	34.268395	0.214770
0.000946	0.060929	61.402871	
0.75000	0.353741	49.281111	0.214770
0.000946	0.147013	50.284023	
1.00000	0.353741	65.154600	0.214770
0.000946	0.293399	20.293457	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.410330	-66.362114	-0.117619
-0.000612	-0.291488	-48.359530	
0.25000	-0.410330	-50.449770	-0.117619
-0.000612	-0.147721	-20.625738	
0.50000	-0.410330	-35.442674	-0.117619
-0.000612	-0.038836	-20.227587	
0.75000	-0.410330	-19.475342	-0.117619
-0.000612	-0.270596	-20.387085	
1.00000	-0.410330	-7.329893	-0.117619
-0.000612	-0.537219	-47.764607	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316688	0.204075	0.236564
4.90E-06	0.600039	4.656825	
0.25000	0.316688	0.212114	0.236564
4.90E-06	0.305869	5.245054	
0.50000	0.316688	0.231319	0.236564
4.90E-06	0.016772	5.871602	
0.75000	0.316688	0.252143	0.236564
4.90E-06	0.252376	6.536860	
1.00000	0.316688	0.270613	0.236564
4.90E-06	0.511089	7.222312	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.392833	-0.862626	-0.207932
-0.000958	-0.522684	-3.169055	
0.25000	-0.392833	-0.844258	-0.207932
-0.000958	-0.263860	-3.228799	
0.50000	-0.392833	-0.823336	-0.207932
-0.000958	-0.009242	-3.316967	
0.75000	-0.392833	-0.804111	-0.207932
-0.000958	-0.281296	-3.405280	
1.00000	-0.392833	-0.796022	-0.207932
-0.000958	-0.576030	-3.521341	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.595411	12.738426	0.380771
4.29E-05	0.969743	19.000513	
0.25000	0.595411	25.536104	0.380771
4.29E-05	0.514607	59.432006	
0.50000	0.595411	56.110632	0.380771
4.29E-05	0.079442	83.164838	
0.75000	0.595411	89.422382	0.380771
4.29E-05	0.358955	61.612197	
1.00000	0.595411	118.666180	0.380771
4.29E-05	0.702041	23.022719	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.598776	-119.691127	-0.288092
-0.001183	-0.391613	-74.893613	
0.25000	-0.598776	-90.449484	-0.288092
-0.001183	-0.391204	-30.228372	
0.50000	-0.598776	-57.140850	-0.288092
-0.001183	-0.045406	-30.286250	
0.75000	-0.598776	-26.534065	-0.288092
-0.001183	-0.472263	-30.445313	
1.00000	-0.598776	-1.557788	-0.288092
-0.001183	-0.940886	-74.985034	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.576715	9.270210	0.403687
0.000302	1.036743	18.633335	
0.25000	0.576715	18.357204	0.403687
0.000302	0.547711	47.853995	
0.50000	0.576715	40.066656	0.403687
0.000302	0.078275	65.312649	
0.75000	0.576715	65.719672	0.403687
0.000302	0.340981	50.746442	
1.00000	0.576715	84.484239	0.403687
0.000302	0.678919	24.056309	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.624001	-85.796797	-0.280221
-0.001193	-0.725661	-56.533935	
0.25000	-0.624001	-65.033760	-0.280221
-0.001193	-0.390540	-24.344641	
0.50000	-0.624001	-41.382956	-0.280221
-0.001193	-0.042942	-25.110966	
0.75000	-0.624001	-19.650601	-0.280221
-0.001193	-0.481691	-25.349268	
1.00000	-0.624001	-10.507797	-0.280221
-0.001193	-0.981381	-57.099879	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.582085	7.793367	0.384017
0.000557	0.986030	17.493568	
0.25000	0.582085	15.335717	0.384017
0.000557	0.520026	41.986664	
0.50000	0.582085	33.354907	0.384017
0.000557	0.074491	56.731206	
0.75000	0.582085	52.987287	0.384017
0.000557	0.314503	44.903378	
1.00000	0.582085	70.222208	0.384017
0.000557	0.627813	23.094098	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.665770	-71.508308	-0.259306
-0.000994	-0.670917	-48.552242	
0.25000	-0.665770	-54.272857	-0.259306
-0.000994	-0.350217	-22.417482	
0.50000	-0.665770	-34.642313	-0.259306
-0.000994	-0.041492	-22.640520	
0.75000	-0.665770	-16.604112	-0.259306
-0.000994	-0.456455	-22.923144	
1.00000	-0.665770	-9.015439	-0.259306
-0.000994	-0.931708	-49.361593	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294864	8.962917	0.131752
0.000149	0.341096	11.871449	
0.25000	0.294864	17.934154	0.131752
0.000149	0.190063	39.882629	
0.50000	0.294864	39.367052	0.131752
0.000149	0.049821	56.212989	
0.75000	0.294864	62.718756	0.131752
0.000149	0.079817	40.911084	
1.00000	0.294864	83.218806	0.131752
0.000149	0.146731	13.651949	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.228827	-83.693246	-0.062365
-0.000193	-0.174577	-51.328548	
0.25000	-0.228827	-63.194708	-0.062365
-0.000193	-0.099380	-19.995924	
0.50000	-0.228827	-39.845188	-0.062365
-0.000193	-0.028638	-20.013950	
0.75000	-0.228827	-18.389678	-0.062365
-0.000193	-0.166119	-20.103083	
1.00000	-0.228827	-9.363343	-0.062365
-0.000193	-0.326147	-51.303137	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322447	8.648243	0.190953
0.000484	0.498767	14.779592	
0.25000	0.322447	17.209503	0.190953
0.000484	0.272721	41.939950	
0.50000	0.322447	37.662941	0.190953
0.000484	0.063448	57.997333	
0.75000	0.322447	59.947497	0.190953
0.000484	0.103756	43.827570	
1.00000	0.322447	79.510717	0.190953
0.000484	0.200463	18.285977	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340078	-80.349522	-0.085899
-0.000235	-0.237331	-51.468883	
0.25000	-0.340078	-60.787844	-0.085899
-0.000235	-0.133426	-21.676230	
0.50000	-0.340078	-38.505372	-0.085899
-0.000235	-0.035867	-21.801880	
0.75000	-0.340078	-18.030356	-0.085899
-0.000235	-0.225574	-21.995122	
1.00000	-0.340078	-9.416515	-0.085899
-0.000235	-0.461218	-51.877634	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.515736	6.009452	0.343161
0.000440	0.885842	15.724875	
0.25000	0.515736	11.573066	0.343161
0.000440	0.466020	33.809100	
0.50000	0.515736	24.864920	0.343161
0.000440	0.065424	44.829440	
0.75000	0.515736	39.346742	0.343161
0.000440	0.259528	36.564147	
1.00000	0.515736	52.060080	0.343161
0.000440	0.523163	20.965731	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.552438	-53.304007	-0.217280
-0.000898	-0.563747	-37.185250	
0.25000	-0.552438	-40.591607	-0.217280
-0.000898	-0.295628	-18.084150	
0.50000	-0.552438	-26.187138	-0.217280
-0.000898	-0.034699	-18.151095	
0.75000	-0.552438	-12.805262	-0.217280
-0.000898	-0.401301	-18.399160	
1.00000	-0.552438	-7.207478	-0.217280
-0.000898	-0.827181	-37.940994	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.553691	5.116108	0.336376
0.000714	0.867807	14.962863	
0.25000	0.553691	9.782598	0.336376
0.000714	0.455219	30.387425	
0.50000	0.553691	20.931162	0.336376
0.000714	0.063642	39.887165	
0.75000	0.553691	33.077815	0.336376
0.000714	0.244687	33.205594	
1.00000	0.553691	43.741147	0.336376
0.000714	0.493943	20.379450	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.603323	-44.939508	-0.205052
-0.000748	-0.531180	-32.780497	
0.25000	-0.603323	-34.276962	-0.205052
-0.000748	-0.277875	-16.849093	
0.50000	-0.603323	-22.131445	-0.205052
-0.000748	-0.034835	-16.996623	
0.75000	-0.603323	-10.971119	-0.205052
-0.000748	-0.393238	-17.295257	
1.00000	-0.603323	-6.275969	-0.205052
-0.000748	-0.810519	-33.776532	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228317	0.143371	0.081449
0.000492	0.208886	2.725146	
0.25000	0.228317	0.151410	0.081449
0.000492	0.107481	3.130986	
0.50000	0.228317	0.170615	0.081449
0.000492	0.013713	3.529041	
0.75000	0.228317	0.191540	0.081449
0.000492	0.045183	3.906499	
1.00000	0.228317	0.209909	0.081449
0.000492	0.089351	4.279155	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.244476	-0.441239	-0.036937
-2.58E-07	-0.094524	-2.543152	
0.25000	-0.244476	-0.422872	-0.036937
-2.58E-07	-0.048373	-2.658806	
0.50000	-0.244476	-0.401949	-0.036937
-2.58E-07	-0.008870	-2.802658	
0.75000	-0.244476	-0.382724	-0.036937
-2.58E-07	-0.096879	-2.946574	
1.00000	-0.244476	-0.374636	-0.036937
-2.58E-07	-0.196860	-3.118192	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.321811	0.538628	0.138903
0.000845	0.358847	5.667380	
0.25000	0.321811	0.803907	0.138903
0.000845	0.186314	7.152465	
0.50000	0.321811	1.437675	0.138903
0.000845	0.026994	8.319948	
0.75000	0.321811	2.128182	0.138903
0.000845	0.082559	8.621760	
1.00000	0.321811	2.734367	0.138903
0.000845	0.166727	8.617603	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.412523	-3.246481	-0.069532
-1.36E-06	-0.179426	-6.030801	
0.25000	-0.412523	-2.640341	-0.069532
-1.36E-06	-0.092641	-5.334027	

```
0.50000    -0.412523    -1.949898    -0.069532
-1.36E-06    -0.016543    -5.564451
0.75000    -0.412523    -1.315461    -0.069532
-1.36E-06    -0.161648    -5.796602
1.00000    -0.412523    -1.048553    -0.069532
-1.36E-06    -0.332579    -6.932721

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.407939    0.482405    0.204204
0.000953    0.532582    8.737667
0.25000    0.407939    0.489640    0.204204
0.000953    0.278005    9.626746
0.50000    0.407939    0.506924    0.204204
0.000953    0.039239    10.637876
0.75000    0.407939    0.525756    0.204204
0.000953    0.100336    11.871622
1.00000    0.407939    0.542289    0.204204
0.000953    0.209631    13.161481

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.475985    -1.411334    -0.089231
-0.000197    -0.233698    -6.386091
0.25000    -0.475985    -1.394803    -0.089231
-0.000197    -0.122919    -6.661800
0.50000    -0.475985    -1.375973    -0.089231
-0.000197    -0.021673    -6.962957
0.75000    -0.475985    -1.358670    -0.089231
-0.000197    -0.228469    -7.263941
1.00000    -0.475985    -1.351391    -0.089231
-0.000197    -0.482384    -7.589576

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.573204    5.525223    0.306763
0.000858    0.792967    14.862110
0.25000    0.573204    10.589631    0.306763
0.000858    0.418272    31.457134
0.50000    0.573204    22.688847    0.306763
0.000858    0.063856    41.586446
0.75000    0.573204    35.871261    0.306763
0.000858    0.202145    34.145764
1.00000    0.573204    47.443870    0.306763
0.000858    0.405341    20.015787
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4305

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.601418    -48.551706    -0.169248
-0.000568    -0.442710    -34.995768
0.25000    -0.601418    -36.979950    -0.169248
-0.000568    -0.233794    -17.545756
0.50000    -0.601418    -23.798770    -0.169248
-0.000568    -0.035534    -17.793736
0.75000    -0.601418    -11.686788    -0.169248
-0.000568    -0.359669    -1.980924
1.00000    -0.601418    -6.591276    -0.169248
-0.000568    -0.739204    -35.815367

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.374166    10.880950    0.282069
0.001065    0.718900    20.151305
0.25000    0.374166    33.034568    0.282069
0.001065    0.377116    77.916782
0.50000    0.374166    62.293797    0.282069
0.001065    0.073414    101.831248
0.75000    0.374166    89.809730    0.282069
0.001065    0.241533    80.203700
1.00000    0.374166    118.903321    0.282069
0.001065    0.484103    23.679442

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.410330    -120.076330    -0.195096
-0.001298    -0.485961    -82.561665
0.25000    -0.410330    -90.911522    -0.195096
-0.001298    -0.243414    -31.749293
0.50000    -0.410330    -63.405891    -0.195096
-0.001298    -0.051687    -31.038825
0.75000    -0.410330    -34.140298    -0.195096
-0.001298    -0.351828    -31.350438
1.00000    -0.410330    -11.879614    -0.195096
-0.001298    -0.701984    -81.547865

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.595411    12.738426    0.403687
0.000953    1.036743    19.000513
0.25000    0.595411    25.536104    0.403687
0.000953    0.547711    59.200306
0.50000    0.595411    56.110632    0.403687
0.000953    0.079442    83.164838
0.75000    0.595411    89.422382    0.403687
0.000953    0.358955    61.612197
1.00000    0.595411    118.666180    0.403687
0.000953    0.702041    24.056309

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.665770    -119.691127    -0.288092
-0.001193    -0.745913    -74.933613
0.25000    -0.665770    -90.449484    -0.288092
-0.001193    -0.391204    -30.228372
0.50000    -0.665770    -57.140850    -0.288092
-0.001193    -0.045406    -30.286250
0.75000    -0.665770    -26.534065    -0.288092
-0.001193    -0.481691    -30.445313
1.00000    -0.665770    -13.657788    -0.288092
-0.001193    -0.981381    -74.985034

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.595411    12.738426    0.403687
0.001065    1.036743    20.151305
0.25000    0.595411    33.034568    0.403687
0.001065    0.547711    77.916782
0.50000    0.595411    62.293797    0.403687
0.001065    0.079442    101.831248
0.75000    0.595411    89.809730    0.403687
0.001065    0.358955    80.203700
1.00000    0.595411    118.903321    0.403687
0.001065    0.702041    24.056309
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4306

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.665770    -120.076330    -0.288092
-0.001298    -0.745913    -82.561665
0.25000    -0.665770    -90.911522    -0.288092
-0.001298    -0.391204    -31.749293
0.50000    -0.665770    -63.405891    -0.288092
-0.001298    -0.051687    -31.038825
0.75000    -0.665770    -34.140298    -0.288092
-0.001298    -0.481691    -31.350438
1.00000    -0.665770    -13.657788    -0.288092
-0.001298    -0.981381    -81.547865

COMB  DESIGN ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.595411    12.738426    0.403687
0.001065    1.036743    20.151305
0.25000    0.595411    33.034568    0.403687
0.001065    0.547711    77.916782
0.50000    0.595411    62.293797    0.403687
0.001065    0.079442    101.831248
0.75000    0.595411    89.809730    0.403687
0.001065    0.358955    80.203700
1.00000    0.595411    118.903321    0.403687
0.001065    0.702041    24.056309

COMB  DESIGN ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.665770    -120.076330    -0.288092
-0.001298    -0.745913    -82.561665
0.25000    -0.665770    -90.911522    -0.288092
-0.001298    -0.391204    -31.749293
0.50000    -0.665770    -63.405891    -0.288092
-0.001298    -0.051687    -31.038825
0.75000    -0.665770    -34.140298    -0.288092
-0.001298    -0.481691    -31.350438
1.00000    -0.665770    -13.657788    -0.288092
-0.001298    -0.981381    -81.547865

ELEM      416 ================== LENGTH
=    4.973063

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.223213    0.308254    0.151863
0.000262    0.385546    6.634755
0.25000    0.223213    0.332060    0.151863
0.000262    0.196934    6.659251
0.50000    0.223213    0.363459    0.151863
0.000262    0.021129    6.776787
0.75000    0.223213    0.392967    0.151863
0.000262    0.169512    7.049343
1.00000    0.223213    0.424223    0.151863
0.000262    0.340788    7.401703

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.195946    -0.655875    -0.137745
-0.000776    -0.344244    -2.314424
0.25000    -0.195946    -0.624595    -0.137745
-0.000776    -0.172997    -2.115796
0.50000    -0.195946    -0.595083    -0.137745
-0.000776    -0.005883    -1.970631
0.75000    -0.195946    -0.563691    -0.137745
-0.000776    -0.181515    -1.826671
1.00000    -0.195946    -0.539839    -0.137745
-0.000776    -0.370249    -1.736279

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.382325    11.218066    0.237949
0.000370    0.615792    23.610249
0.25000    0.382325    33.404758    0.237949
0.000370    0.327735    81.188518
0.50000    0.382325    62.660843    0.237949
0.000370    0.081036    104.156747
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4307

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.75000    0.382325    90.169975    0.237949
0.000370    0.232348    81.982737
1.00000    0.382325    119.300703    0.237949
0.000370    0.468463    24.927258

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.337012    -119.736049    -0.189861
-0.000970    -0.475720    -81.577418
0.25000    -0.337012    -90.582624    -0.189861
-0.000970    -0.242287    -30.894993
0.50000    -0.337012    -63.078063    -0.189861
-0.000970    -0.048547    -30.038988
0.75000    -0.337012    -33.820099    -0.189861
-0.000970    -0.306174    -30.306500
1.00000    -0.337012    -11.590392    -0.189861
-0.000970    -0.601736    -80.498995

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.366688    7.997474    0.233780
0.000631    0.613426    23.491751
0.25000    0.366688    23.102040    0.233780
0.000631    0.328587    62.595971
0.50000    0.366688    43.019407    0.233780
0.000631    0.079604    78.309948
0.75000    0.366688    61.747459    0.233780
0.000631    0.223113    63.555491
1.00000    0.366688    81.579483    0.233780
0.000631    0.442575    25.222470

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.382747    -82.124755    -0.178233
-0.001102    -0.444041    -58.057521
0.25000    -0.382747    -62.277414    -0.178233
-0.001102    -0.224217    -23.404249
0.50000    -0.382747    -43.552338    -0.178233
-0.001102    -0.039769    -22.672505
0.75000    -0.382747    -23.633692    -0.178233
-0.001102    -0.283364    -22.705644
1.00000    -0.382747    -8.499841    -0.178233
-0.001102    -0.573394    -56.727412

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.382773    6.727020    0.232154
0.000767    0.601958    21.949149
0.25000    0.382773    19.260597    0.232154
0.000767    0.318157    54.396735
0.50000    0.382773    35.787774    0.232154
0.000767    0.075714    67.489462
0.75000    0.382773    51.328072    0.232154
0.000767    0.218933    55.360532
1.00000    0.382773    67.784432    0.232154
0.000767    0.434813    23.722485

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.411257    -68.322465    -0.173830
-0.000946    -0.429833    -49.456208
0.25000    -0.411257    -51.853396    -0.173830
-0.000946    -0.215192    -20.634460
0.50000    -0.411257    -36.315567    -0.173830
-0.000946    -0.036607    -19.960409
0.75000    -0.411257    -19.787328    -0.173830
-0.000946    -0.284517    -19.921048
1.00000    -0.411257    -7.229452    -0.173830
-0.000946    -0.572638    -48.085017

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.139016    9.278197    0.073651
0.000194    0.201254    15.857952
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4308

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.25000    0.139016    27.846458    0.073651
0.000194    0.116219    64.043490
0.50000    0.139016    52.331165    0.073651
0.000194    0.055501    83.205343
0.75000    0.139016    75.353828    0.073651
0.000194    0.043046    64.471038
1.00000    0.139016    99.733622    0.073651
0.000194    0.088634    16.493260

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.137543    -99.957089    -0.036620
-0.000204    -0.093478    -66.936617
0.25000    -0.137543    -75.559467    -0.036620
-0.000204    -0.050086    -24.511405
0.50000    -0.137543    -52.539461    -0.036620
-0.000204    -0.037197    -23.986416
0.75000    -0.137543    -28.053182    -0.036620
-0.000204    -0.102306    -24.301710
1.00000    -0.137543    -9.448921    -0.036620
-0.000204    -0.193670    -66.399716

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.176252    8.801417    0.100706
0.000519    0.275577    19.487499
0.25000    0.176252    26.084183    0.100706
0.000519    0.156740    64.261042
0.50000    0.176252    48.873795    0.100706
0.000519    0.068421    82.150245
0.75000    0.176252    70.302582    0.100706
0.000519    0.065309    64.954726
1.00000    0.176252    92.487444    0.100706
0.000519    0.127655    20.654183

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.238930    -93.373156    -0.050328
-0.000342    -0.122714    -64.175586
0.25000    -0.238930    -70.663670    -0.050328
-0.000342    -0.062176    -24.676844
0.50000    -0.238930    -49.238287    -0.050328
-0.000342    -0.039765    -23.991385
0.75000    -0.238930    -26.447212    -0.050328
-0.000342    -0.127557    -24.181114
1.00000    -0.238930    -9.130938    -0.050328
-0.000342    -0.252244    -63.260904

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.312014    6.729887    0.196172
0.000762    0.515829    21.660602
0.25000    0.312014    18.963515    0.196172
0.000762    0.276775    53.203227
0.50000    0.312014    35.095170    0.196172
0.000762    0.037016    65.925815
0.75000    0.312014    50.263563    0.196172
0.000762    0.175069    54.114778
1.00000    0.312014    66.326096    0.196172
0.000762    0.348933    23.340235

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.375167    -66.853918    -0.140042
-0.000929    -0.347523    -47.910209
0.25000    -0.375167    -50.778980    -0.140042
-0.000929    -0.174849    -19.796193
0.50000    -0.375167    -35.612996    -0.140042
-0.000929    -0.034634    -19.156207
0.75000    -0.375167    -19.480306    -0.140042
-0.000929    -0.236160    -19.135723
1.00000    -0.375167    -7.222960    -0.140042
-0.000929    -0.479443    -46.643618
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4309

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.357258    5.683983    0.202286
0.000813    0.524644    20.135051
0.25000    0.357258    15.932235    0.202286
0.000813    0.277183    46.638183
0.50000    0.357258    29.445910    0.202286
0.000813    0.069735    57.370954
0.75000    0.357258    42.152649    0.202286
0.000813    0.183676    47.545852
1.00000    0.357258    55.608420    0.202286
0.000813    0.362442    21.837886

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.409794    -56.106805    -0.143989
-0.000769    -0.353981    -41.366043
0.25000    -0.409794    -42.640642    -0.143989
-0.000769    -0.176220    -17.752055
0.50000    -0.409794    -29.935922    -0.143989
-0.000769    -0.032485    -17.153381
0.75000    -0.409794    -16.421379    -0.143989
-0.000769    -0.246850    -17.073671
1.00000    -0.409794    -6.153258    -0.143989
-0.000769    -0.497844    -40.054804

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.162070    0.104655    0.061530
0.000333    0.150062    3.036259
0.25000    0.162070    0.128460    0.061530
0.000333    0.073557    3.191039
0.50000    0.162070    0.159851    0.061530
0.000333    0.013144    3.325241
0.75000    0.162070    0.189367    0.061530
0.000333    0.060906    3.422727
1.00000    0.162070    0.220623    0.061530
0.000333    0.115599    3.496638

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.189192    -0.293703    -0.044125
-4.64E-06    -0.104130    -1.992626
0.25000    -0.189192    -0.262423    -0.044125
-4.64E-06    -0.049349    -1.842007
0.50000    -0.189192    -0.232911    -0.044125
-4.64E-06    -0.005427    -1.744849
0.75000    -0.189192    -0.201518    -0.044125
-4.64E-06    -0.079453    -1.648897
1.00000    -0.189192    -0.177667    -0.044125
-4.64E-06    -0.155968    -1.606513

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.235001    0.588816    0.102301
0.000636    0.249886    6.773722
0.25000    0.235001    1.302980    0.102301
0.000636    0.122903    8.657745
0.50000    0.235001    2.244700    0.102301
0.000636    0.026999    9.551188
0.75000    0.235001    3.130187    0.102301
0.000636    0.098189    9.109043
1.00000    0.235001    4.067871    0.102301
0.000636    0.187024    7.661721

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.305136    -4.266126    -0.071664
-9.53E-05    -0.169573    -5.931107
0.25000    -0.305136    -3.327717    -0.071664
-9.53E-05    -0.080747    -4.129479
0.50000    -0.305136    -2.442371    -0.071664
-9.53E-05    -0.010857    -3.931705
0.75000    -0.305136    -1.500591    -0.071664
-9.53E-05    -0.132712    -3.770096
1.00000    -0.305136    -0.785042    -0.071664
-9.53E-05    -0.259934    -5.215514
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4310

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.261808    1.069358    0.121421
0.000794    0.313809    11.653442
0.25000    0.261808    2.204878    0.121421
0.000794    0.163811    14.556069
0.50000    0.261808    3.702212    0.121421
0.000794    0.042225    15.903815
0.75000    0.261808    5.110137    0.121421
0.000794    0.100692    15.249925
1.00000    0.261808    6.601055    0.121421
0.000794    0.191568    13.018856

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.351741    -6.948656    -0.073474
-0.000314    -0.173998    -8.732348
0.25000    -0.351741    -5.456586    -0.073474
-0.000314    -0.082956    -5.892633
0.50000    -0.351741    -4.048865    -0.073474
-0.000314    -0.015044    -5.603048
0.75000    -0.351741    -2.551455    -0.073474
-0.000314    -0.142061    -5.370964
1.00000    -0.351741    -1.413733    -0.073474
-0.000314    -0.292574    -7.694054

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.351986    6.535505    0.184677
0.000820    0.479270    20.250354
0.25000    0.351986    18.640583    0.184677
0.000820    0.254283    51.610191
0.50000    0.351986    34.602729    0.184677
0.000820    0.071390    64.253536
0.75000    0.351986    49.611734    0.184677
0.000820    0.160943    52.499147
1.00000    0.351986    65.505484    0.184677
0.000820    0.315205    21.877097

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.423861    -65.963940    -0.124396
-0.000596    -0.303619    -47.783001
0.25000    -0.423861    -50.057915    -0.124396
-0.000596    -0.150511    -19.959390
0.50000    -0.423861    -35.051294    -0.124396
-0.000596    -0.035571    -19.321116
0.75000    -0.423861    -19.988244    -0.124396
-0.000596    -0.229195    -19.295835
1.00000    -0.423861    -6.959577    -0.124396
-0.000596    -0.458344    -46.509667

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.320241    0.388331    0.205520
0.000227    0.528719    7.174650
0.25000    0.320241    0.396390    0.205520
0.000227    0.272642    7.366197
0.50000    0.320241    0.415600    0.205520
0.000227    0.024497    7.583283
0.75000    0.320241    0.436520    0.205520
0.000227    0.233540    7.846889
1.00000    0.320241    0.454887    0.205520
0.000227    0.474521    8.125327

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.380433    -0.699930    -0.193945
-0.000666    -0.489323    -3.465033
0.25000    -0.380433    -0.681564    -0.193945
-0.000666    -0.247892    -3.430728
0.50000    -0.380433    -0.660643    -0.193945
-0.000666    -0.009086    -3.424574
0.75000    -0.380433    -0.641428    -0.193945
-0.000666    -0.237398    -3.418594
1.00000    -0.380433    -0.633353    -0.193945
-0.000666    -0.493274    -3.440441
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4311

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.600583    13.075384    0.321265
0.000303    0.832625    22.939377
0.25000    0.600583    25.905711    0.321265
0.000303    0.450185    62.889858
0.50000    0.600583    56.488387    0.321265
0.000303    0.089326    85.912958
0.75000    0.600583    89.792733    0.321265
0.000303    0.331759    63.691398
1.00000    0.600583    119.032613    0.321265
0.000303    0.637361    24.475886

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.594743    -119.501249    -0.261708
-0.000805    -0.685157    -74.956195
0.25000    -0.594743    -90.263035    -0.261708
-0.000805    -0.360653    -30.356157
0.50000    -0.594743    -56.956262    -0.261708
-0.000805    -0.043839    -30.104039
0.75000    -0.594743    -26.365113    -0.261708
-0.000805    -0.392327    -30.113669
1.00000    -0.594743    -13.510169    -0.261708
-0.000805    -0.786623    -74.589363

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.584311    9.715227    0.317978
```

0.000517 0.833295 23.960710
0.25000 0.584311 18.825424 0.317978
0.000517 0.450755 52.440021
0.50000 0.584311 40.540662 0.317978
0.000517 0.091682 68.982951
0.75000 0.584311 64.188420 0.317978
0.000517 0.313218 53.489451
1.00000 0.584311 84.950205 0.317978
0.000517 0.605239 26.015076

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.625028	-85.526235	-0.246759
-0.000915	-0.641105	-57.064194	
0.25000	-0.625028	-64.765634	-0.246759
-0.000915	-0.336063	-25.398312	
0.50000	-0.625028	-41.116151	-0.246759
-0.000915	-0.041801	-25.210252	
0.75000	-0.625028	-19.394898	-0.246759
-0.000915	-0.375418	-25.230986	
1.00000	-0.625028	-10.267242	-0.246759
-0.000915	-0.766621	-56.813431	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.586167	8.200834	0.310944
0.000624	0.804609	23.024194	
0.25000	0.586167	15.792443	0.310944
0.000624	0.559378	46.732966	
0.50000	0.586167	33.786435	0.310944
0.000624	0.088962	60.539092	
0.75000	0.586167	53.414452	0.310944
0.000624	0.311182	47.791563	
1.00000	0.586167	70.647064	0.310944
0.000624	0.595499	25.125717	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.666431	-71.217008	-0.238708
-0.000785	-0.666431	-87.342179	
0.25000	-0.666431	-53.985378	-0.238708
-0.000785	-0.313651	-23.068093	
0.50000	-0.666431	-34.355931	-0.238708
-0.000785	-0.040722	-22.921116	
0.75000	-0.666431	-16.326945	-0.238708
-0.000785	-0.374383	-22.947487	
1.00000	-0.666431	-8.734617	-0.238708
-0.000785	-0.757573	-49.170601	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4312

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.293987	9.126491	0.096983
0.000157	0.259443	13.611559	
0.25000	0.293987	18.120635	0.096983
0.000157	0.151411	41.460413	
0.50000	0.293987	39.559245	0.096983
0.000157	0.054650	57.448481	
0.75000	0.293987	62.905758	0.096983
0.000157	0.068816	41.841849	
1.00000	0.293987	83.403062	0.096983
0.000157	0.113695	14.309244	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.235820	-83.634420	-0.047538
-0.000173	-0.139628	-51.322505	
0.25000	-0.235820	-63.138285	-0.047538
-0.000173	-0.081542	-20.062654	
0.50000	-0.235820	-39.790070	-0.047538
-0.000173	-0.027713	-19.879556	
0.75000	-0.235820	-18.345520	-0.047538
-0.000173	-0.123510	-19.902572	
1.00000	-0.235820	-9.334140	-0.047538
-0.000173	-0.240135	-51.085061	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.324832	8.935615	0.130869
0.000419	0.349750	18.240917	
0.25000	0.324832	17.518736	0.130869
0.000419	0.200555	44.957296	
0.50000	0.324832	37.977625	0.130869
0.000419	0.072907	60.399680	
0.75000	0.324832	60.257228	0.130869
0.000419	0.101200	45.641747	
1.00000	0.324832	79.817827	0.130869
0.000419	0.169584	19.567719	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.350313	-80.201276	-0.066632
-0.000300	-0.181660	-51.900154	
0.25000	-0.350313	-60.641792	-0.066632
-0.000300	-0.102262	-22.076598	
0.50000	-0.350313	-38.360565	-0.066632
-0.000300	-0.035128	-21.909431	
0.75000	-0.350313	-17.896009	-0.066632
-0.000300	-0.418791	-21.938970	
1.00000	-0.350313	-9.296439	-0.066632
-0.000300	-0.320041	-51.704295	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.522158	6.438564	0.262781
0.000575	0.689742	20.876044	
0.25000	0.522158	12.016384	0.262781
0.000575	0.371898	38.211984	
0.50000	0.522158	25.311780	0.262781
0.000575	0.078837	48.356731	
0.75000	0.522158	39.790384	0.262781
0.000575	0.241903	39.238624	
1.00000	0.522158	52.502018	0.262781
0.000575	0.465818	22.860610	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.560827	-53.040784	-0.188236
-0.000791	-0.484078	-37.914774	
0.25000	-0.560827	-40.329874	-0.188236
-0.000791	-0.252668	-18.530046	
0.50000	-0.560827	-25.850215	-0.188236
-0.000791	-0.033940	-18.418009	
0.75000	-0.560827	-12.551136	-0.188236
-0.000791	-0.306204	-18.433835	
1.00000	-0.560827	-6.962626	-0.188236
-0.000791	-0.630714	-37.773712	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4313

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.551716	5.489868	0.271488
0.000674	0.700531	20.318499	
0.25000	0.551716	10.168274	0.271488
0.000674	0.370440	34.960983	
0.50000	0.551716	21.319809	0.271488
0.000674	0.078212	43.567294	
0.75000	0.551716	33.463762	0.271488
0.000674	0.255180	36.003769	
1.00000	0.551716	44.125665	0.271488
0.000674	0.486215	22.360726	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.610354	-44.656583	-0.192736
-0.000653	-0.483537	-33.768609	
0.25000	-0.610354	-33.995287	-0.192736
-0.000653	-0.246017	-17.519898	
0.50000	-0.610354	-21.850449	-0.192736
-0.000653	-0.034285	-17.436158	
0.75000	-0.610354	-10.695824	-0.192736
-0.000653	-0.325029	-17.459657	
1.00000	-0.610354	-6.008453	-0.192736
-0.000653	-0.660528	-33.691357	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.211819	0.167435	0.087797
0.000285	0.211551	4.302023	
0.25000	0.211819	0.175494	0.087797
0.000285	0.102652	4.469288	
0.50000	0.211819	0.194704	0.087797
0.000285	0.018725	4.630439	
0.75000	0.211819	0.215624	0.087797
0.000285	0.086695	4.765359	
1.00000	0.211819	0.233991	0.087797
0.000285	0.159034	4.895976	

COMB DL-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.246780	-0.350807	-0.058371
-4.31E-06	-0.131471	-3.141645	
0.25000	-0.246780	-0.332441	-0.058371
-4.31E-06	-0.059068	-3.127965	
0.50000	-0.246780	-0.311520	-0.058371
-4.31E-06	-0.009077	-3.142255	
0.75000	-0.246780	-0.292304	-0.058371
-4.31E-06	-0.115929	-3.155071	
1.00000	-0.246780	-0.284230	-0.058371
-4.31E-06	-0.225214	-3.197326	

COMB DL-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.306410	0.640951	0.136228
0.000533	0.329796	8.644484	
0.25000	0.306410	0.906907	0.136228
0.000533	0.162001	9.680443	
0.50000	0.306410	1.540844	0.136228
0.000533	0.036205	10.382951	
0.75000	0.306410	2.231198	0.136228
0.000533	0.140067	10.211609	
1.00000	0.306410	2.837301	0.136228
0.000533	0.254664	9.738033	

COMB DL-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.415159	-3.077470	-0.093116
-9.14E-05	-0.151204	-6.964608	
0.25000	-0.415159	-2.471402	-0.093116
-9.14E-05	-0.097622	-6.054318	
0.50000	-0.415159	-1.780997	-0.093116
-9.14E-05	-0.017074	-6.063012	
0.75000	-0.415159	-1.146884	-0.093116
-9.14E-05	-0.160857	-6.072029	
1.00000	-0.415159	-0.885419	-0.093116
-9.14E-05	-0.349650	-7.012515	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4314

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.393918	0.725851	0.165431
0.000673	0.419934	13.151524	
0.25000	0.393918	0.733104	0.165431
0.000673	0.215856	13.351527	
0.50000	0.393918	0.750393	0.165431
0.000673	0.051972	13.663894	
0.75000	0.393918	0.769221	0.165431
0.000673	0.142326	14.191556	
1.00000	0.393918	0.785751	0.165431
0.000673	0.261702	14.815048	

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.483839	-1.173164	-0.097127
-0.000284	-0.226437	-7.610904	
0.25000	-0.483839	-1.156635	-0.097127
-0.000284	-0.108355	-7.650814	
0.50000	-0.483839	-1.137805	-0.097127
-0.000284	-0.022041	-7.630964	
0.75000	-0.483839	-1.120511	-0.097127
-0.000284	-0.201523	-7.653231	
1.00000	-0.483839	-1.113244	-0.097127
-0.000284	-0.407194	-7.701154	

COMB DL-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.562868	5.858058	0.251151
0.000683	0.644714	19.969881	
0.25000	0.562868	10.935397	0.251151
0.000683	0.340548	35.828205	
0.50000	0.562868	23.037838	0.251151
0.000683	0.078185	45.107762	
0.75000	0.562868	36.217322	0.251151
0.000683	0.226775	36.833913	
1.00000	0.562868	47.788380	0.251151
0.000683	0.423306	21.927157	

COMB DL-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.611072	-48.288688	-0.165468
-0.000519	-0.412332	-35.826802	
0.25000	-0.611072	-36.718289	-0.165468
-0.000519	-0.209136	-18.196136	
0.50000	-0.611072	-23.537845	-0.165468
-0.000519	-0.035259	-18.108663	
0.75000	-0.611072	-11.432051	-0.165468
-0.000519	-0.306570	-18.137659	
1.00000	-0.611072	-6.344981	-0.165468
-0.000519	-0.616354	-35.756829	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.382773	11.218066	0.237949
0.000820	0.615792	23.610249	
0.25000	0.382773	33.404758	0.237949
0.000820	0.328587	81.188518	
0.50000	0.382773	62.660843	0.237949
0.000820	0.091682	104.156747	
0.75000	0.382773	90.169975	0.237949
0.000820	0.232348	81.982737	
1.00000	0.382773	119.300703	0.237949
0.000820	0.468463	25.222470	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.423861	-119.736049	-0.189861
-0.001102	-0.475760	-81.577418	
0.25000	-0.423861	-90.582824	-0.189861
-0.001102	-0.242287	-30.894993	
0.50000	-0.423861	-63.078063	-0.189861
-0.001102	-0.048547	-30.038998	
0.75000	-0.423861	-33.820099	-0.189861
-0.001102	-0.306174	-30.306500	
1.00000	-0.423861	-11.590392	-0.189861
-0.001102	-0.601736	-80.498995	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4315

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.600583	13.075354	0.321265
0.000683	0.833295	23.960710	
0.25000	0.600583	25.905711	0.321265
0.000683	0.450755	62.889858	
0.50000	0.600583	56.488387	0.321265
0.000683	0.091682	85.912958	
0.75000	0.600583	89.792733	0.321265
0.000683	0.331759	63.691398	
1.00000	0.600583	119.032613	0.321265
0.000683	0.637361	26.015076	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.666431	-119.501249	-0.261708
-0.000915	-0.685157	-74.956195	
0.25000	-0.666431	-90.263035	-0.261708
-0.000915	-0.360653	-30.356157	
0.50000	-0.666431	-56.956262	-0.261708
-0.000915	-0.043808	-30.087839	
0.75000	-0.666431	-26.365113	-0.261708
-0.000915	-0.392327	-30.113669	
1.00000	-0.666431	-13.510169	-0.261708
-0.000915	-0.786623	-74.589363	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.600583	13.075354	0.321265
0.000820	0.833295	23.960710	
0.25000	0.600583	33.404758	0.321265
0.000820	0.450755	81.188518	
0.50000	0.600583	62.660843	0.321265
0.000820	0.091682	104.156747	
0.75000	0.600583	90.169975	0.321265
0.000820	0.331759	81.982737	
1.00000	0.600583	119.300703	0.321265
0.000820	0.637361	26.015076	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.666431	-119.736049	-0.261708
-0.001102	-0.685157	-81.577418	
0.25000	-0.666431	-90.582824	-0.261708
-0.001102	-0.360653	-30.894993	
0.50000	-0.666431	-63.078063	-0.261708
-0.001102	-0.048547	-30.087839	
0.75000	-0.666431	-33.820099	-0.261708
-0.001102	-0.392327	-30.306500	
1.00000	-0.666431	-13.510169	-0.261708
-0.001102	-0.786623	-80.498995	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.600583	13.075354	0.321265
0.000820	0.833295	23.960710	
0.25000	0.600583	33.404758	0.321265
0.000820	0.450755	81.188518	
0.50000	0.600583	62.660843	0.321265
0.000820	0.091682	104.156747	
0.75000	0.600583	90.169975	0.321265
0.000820	0.331759	81.982737	
1.00000	0.600583	119.300703	0.321265
0.000820	0.637361	26.015076	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.666431	-119.736049	-0.261708
-0.001102	-0.685157	-81.577418	
0.25000	-0.666431	-90.582824	-0.261708
-0.001102	-0.360653	-30.894993	
0.50000	-0.666431	-63.078063	-0.261708
-0.001102	-0.048547	-30.087839	
0.75000	-0.666431	-33.820099	-0.261708
-0.001102	-0.392327	-30.306500	
1.00000	-0.666431	-13.510169	-0.261708
-0.001102	-0.786623	-80.498995	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4316

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 417 ========== LENGTH = 4.973000

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.232778	0.418672	0.134430
0.000528	0.344022	7.381552	
0.25000	0.232778	0.442488	0.134430
0.000528	0.177227	7.223620	
0.50000	0.232778	0.473880	0.134430
0.000528	0.022007	7.151597	
0.75000	0.232778	0.503396	0.134430
0.000528	0.161464	7.235670	
1.00000	0.232778	0.534659	0.134430
0.000528	0.326085	7.405679	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.173576	-0.544279	-0.132407
-0.000525	-0.332383	-1.734403	
0.25000	-0.173576	-0.513016	-0.132407
-0.000525	-0.167756	-1.548886	
0.50000	-0.173576	-0.483500	-0.132407
-0.000525	-0.004258	-1.416845	
0.75000	-0.173576	-0.452108	-0.132407
-0.000525	-0.158197	-1.555977	
1.00000	-0.173576	-0.426292	-0.132407
-0.000525	-0.325113	-1.750132	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.389484	11.410314	0.201880
0.000731	0.530422	24.862950	
0.25000	0.389484	33.606750	0.201880
0.000731	0.285555	82.224707	
0.50000	0.389484	62.864502	0.201880
0.000731	0.082549	104.731269	
0.75000	0.389484	90.372980	0.201880
0.000731	0.228294	82.240615	
1.00000	0.389484	119.510228	0.201880
0.000731	0.438535	24.894588	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.319740	-119.523019	-0.178847
-0.000681	-0.455583	-80.533398	
0.25000	-0.319740	-90.385577	-0.178847
-0.000681	-0.240683	-29.930704	
0.50000	-0.319740	-62.877105	-0.178847
-0.000681	-0.046053	-29.167701	
0.75000	-0.319740	-33.619351	-0.178847
-0.000681	-0.257433	-29.937482	
1.00000	-0.319740	-11.422720	-0.178847
-0.000681	-0.506259	-80.547988	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.370818	8.248473	0.198711
0.000891	0.511237	25.156997	
0.25000	0.370818	23.359673	0.198711
0.000891	0.268462	63.910404	
0.50000	0.370818	43.278175	0.198711
0.000891	0.081842	79.097329	
0.75000	0.370818	62.005781	0.198711
0.000891	0.239242	63.922871	
1.00000	0.370818	81.842245	0.198711
0.000891	0.451928	25.181756	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.370381	-81.852129	-0.178361
-0.000888	-0.444467	-56.752237	
0.25000	-0.370381	-62.015533	-0.178361
-0.000888	-0.223381	-22.156775	
0.50000	-0.370381	-43.287930	-0.178361
-0.000888	-0.036600	-21.491873	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4317

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	-0.370381	-23.369428	-0.178361
-0.000888	-0.253709	-22.162046	
1.00000	-0.370381	-8.258094	-0.178361
-0.000888	-0.499268	-56.763885	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.384686	6.970744	0.207747
0.000857	0.528113	23.682244	
0.25000	0.384686	19.509825	0.207747
0.000857	0.273349	55.756036	
0.50000	0.384686	36.037944	0.207747
0.000857	0.078206	68.311347	
0.75000	0.384686	51.577872	0.207747
0.000857	0.255259	55.761098	
1.00000	0.384686	68.037916	0.207747
0.000857	0.478441	23.692218	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.398642	-68.042141	-0.185684
-0.000855	-0.455622	-48.116476	
0.25000	-0.398642	-51.581987	-0.185684
-0.000855	-0.230763	-19.329012	
0.50000	-0.398642	-36.042062	-0.185684
-0.000855	-0.033286	-18.704921	
0.75000	-0.398642	-19.513943	-0.185684
-0.000855	-0.266501	-19.330122	
1.00000	-0.398642	-6.974751	-0.185684
-0.000855	-0.523565	-48.111392	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.136865	9.372451	0.046966
0.000202	0.137724	16.450106	
0.25000	0.136865	27.948867	0.046966
0.000202	0.084357	64.566160	
0.50000	0.136865	52.434968	0.046966
0.000202	0.056267	83.456417	
0.75000	0.136865	75.457085	0.046966
0.000202	0.050134	64.566342	
1.00000	0.136865	99.842336	0.046966
0.000202	0.074332	16.453965	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.146663	-99.843975	-0.029544
-0.000202	-0.081129	-66.430908	
0.25000	-0.146663	-75.458562	-0.029544
-0.000202	-0.050641	-24.160807	
0.50000	-0.146663	-52.436450	-0.029544
-0.000202	-0.036211	-23.782035	
0.75000	-0.146663	-27.950347	-0.029544
-0.000202	-0.072159	-24.159700	
1.00000	-0.146663	-9.373767	-0.029544
-0.000202	-0.125169	-66.428147	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.170575	8.973909	0.084113
0.000440	0.215763	20.613939	
0.25000	0.170575	26.264266	0.084113
0.000440	0.115643	65.181781	
0.50000	0.170575	49.055176	0.084113
0.000440	0.070089	82.654294	
0.75000	0.170575	70.483453	0.084113
0.000440	0.103910	65.179725	
1.00000	0.170575	93.180495	0.084113
0.000440	0.169135	20.609697	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.248222	-93.178803	-0.060844
-0.000440	-0.146612	-63.292338	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4318

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	-0.248222	-70.481610	-0.060844
-0.000440	-0.078549	-23.841766	
0.50000	-0.248222	-49.053337	-0.060844
-0.000440	-0.037880	-23.214878	
0.75000	-0.248222	-26.262426	-0.060844
-0.000440	-0.124270	-23.838122	
1.00000	-0.248222	-8.971917	-0.060844
-0.000440	-0.227399	-63.284461	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.309358	6.976393	0.166498
0.000838	0.425976	23.280391	
0.25000	0.309358	19.215393	0.166498
0.000838	0.222372	54.471570	
0.50000	0.309358	35.347967	0.166498
0.000838	0.075256	66.680797	
0.75000	0.309358	50.516000	0.166498
0.000838	0.201471	54.477885	
1.00000	0.309358	66.582129	0.166498
0.000838	0.374228	23.292877	

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.372362 -66.587121 -0.145033
-0.000837 -0.358217 -46.665600
0.25000 -0.372362 -50.526885 -0.145033
-0.000837 -0.183660 -18.595549
0.50000 -0.372362 -35.352856 -0.145033
-0.000837 -0.031602 -18.006904
0.75000 -0.372362 -19.220281 -0.145033
-0.000837 -0.214411 -18.597440
1.00000 -0.372362 -6.981173 -0.145033
-0.000837 -0.420242 -46.669949

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.351147 5.901936 0.183456
0.000687 0.463143 21.806655
0.25000 0.351147 16.154689 0.183456
0.000687 0.238014 47.942747
0.50000 0.351147 29.669133 0.183456
0.000687 0.072279 58.168519
0.75000 0.351147 42.375571 0.183456
0.000687 0.229827 47.941852
1.00000 0.351147 55.834353 0.183456
0.000687 0.426286 21.804734

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.405933 -55.834268 -0.163076
-0.000768 -0.394577 -40.076856
0.25000 -0.405933 -42.375396 -0.163076
-0.000768 -0.197324 -16.492611
0.50000 -0.405933 -29.668961 -0.163076
-0.000768 -0.029273 -15.930186
0.75000 -0.405933 -16.154516 -0.163076
-0.000768 -0.237202 -16.490474
1.00000 -0.405933 -5.901673 -0.163076
-0.000768 -0.464310 -40.072725

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.149583 0.109660 0.070026
7.23E-06 0.169674 3.527214
0.25000 0.149583 0.133476 0.070026
7.23E-06 0.082637 3.564793
0.50000 0.149583 0.164868 0.070026
7.23E-06 0.014262 3.577561
0.75000 0.149583 0.194384 0.070026
7.23E-06 0.098950 3.554910
1.00000 0.149583 0.225647 0.070026
7.23E-06 0.183984 3.507462
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4319
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.189655 -0.221729 -0.068408
-7.25E-06 -0.156523 -1.612628
0.25000 -0.189655 -0.190465 -0.068408
-7.25E-06 -0.072222 -1.450740
0.50000 -0.189655 -0.160950 -0.068408
-7.25E-06 -0.004384 -1.342720
0.75000 -0.189655 -0.129557 -0.068408
-7.25E-06 -0.091530 -1.444860
1.00000 -0.189655 -0.105741 -0.068408
-7.25E-06 -0.178597 -1.600477

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.220809 0.653664 0.116026
0.000180 0.281620 7.701114
0.25000 0.220809 1.368141 0.116026
0.000180 0.137564 9.363113
0.50000 0.220809 2.309914 0.116026
0.000180 0.028834 10.003051
0.75000 0.220809 3.195380 0.116026
0.000180 0.112438 9.348374
1.00000 0.220809 4.133274 0.116026
0.000180 0.288264 7.671659

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.303371 -4.122828 -0.105988
-0.000180 -0.244252 -5.225484
0.25000 -0.303371 -3.184928 -0.105988
-0.000180 -0.113768 -3.409496
0.50000 -0.303371 -2.299462 -0.105988
-0.000180 -0.060987 -3.119836
0.75000 -0.303371 -1.357689 -0.105988
-0.000180 -0.152192 -3.400451
1.00000 -0.303371 -0.643205 -0.105988
-0.000180 -0.296389 -5.206625

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.246328 1.208101 0.120145
0.000400 0.290937 13.031229
0.25000 0.246328 2.344120 0.120145
0.000400 0.141858 15.604293
0.50000 0.246328 3.841539 0.120145
0.000400 0.044666 16.577981
0.75000 0.246328 5.249430 0.120145
0.000400 0.169729 15.591243
1.00000 0.246328 6.740682 0.120145
0.000400 0.304668 13.005162

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.357381 -6.731322 -0.109732
-0.000400 -0.250141 -7.705160
0.25000 -0.357381 -5.240061 -0.109732
-0.000400 -0.116685 -4.855855
0.50000 -0.357381 -3.832170 -0.109732
-0.000400 -0.012495 -4.558004
0.75000 -0.357381 -2.334751 -0.109732
-0.000400 -0.159135 -4.847532
1.00000 -0.357381 -1.198721 -0.109732
-0.000400 -0.308393 -7.687865

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.338721 6.723991 0.170756
0.000570 0.429769 21.855774
0.25000 0.338721 18.834385 0.170756
0.000570 0.220730 52.874243
0.50000 0.338721 34.797440 0.170756
0.000570 0.073957 65.017074
0.75000 0.338721 49.806089 0.170756
0.000570 0.217648 52.868519
1.00000 0.338721 65.703397 0.170756
0.000570 0.396815 21.844292
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4320
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.426871 -65.699803 -0.150013
-0.000570 -0.359052 -46.536736
0.25000 -0.426871 -49.802389 -0.150013
-0.000570 -0.178736 -18.742488
0.50000 -0.426871 -34.793744 -0.150013
-0.000570 -0.032516 -18.141353
0.75000 -0.426871 -18.830688 -0.150013
-0.000570 -0.225968 -18.737330
1.00000 -0.426871 -6.720187 -0.150013
-0.000570 -0.437156 -46.525992

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.324560 0.495368 0.169879
0.000430 0.437973 8.087799
0.25000 0.324560 0.503430 0.169879
0.000430 0.227175 8.056393
0.50000 0.324560 0.522642 0.169879
0.000430 0.025907 8.044186
0.75000 0.324560 0.543565 0.169879
0.000430 0.219665 8.076566
1.00000 0.324560 0.561933 0.169879
0.000430 0.443220 8.124340

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.374158 -0.564649 -0.179992
-0.000428 -0.451683 -3.390340
0.25000 -0.374158 -0.546280 -0.179992
-0.000428 -0.222606 -3.373207
0.50000 -0.374158 -0.525358 -0.179992
-0.000428 -0.007911 -3.383942
0.75000 -0.374158 -0.506146 -0.179992
-0.000428 -0.195119 -3.394793
1.00000 -0.374158 -0.498084 -0.179992
-0.000428 -0.406661 -3.433616

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.599949 13.292623 0.259646
0.000567 0.675984 24.411202
0.25000 0.599949 26.127499 0.259646
0.000567 0.369871 64.044709
0.50000 0.599949 56.712670 0.259646
0.000567 0.091528 86.669242
0.75000 0.599949 90.021127 0.259646
0.000567 0.321818 64.079296
1.00000 0.599949 119.264783 0.259646
0.000567 0.607303 24.455583

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.585730 -119.268763 -0.246578
-0.000535 -0.642734 -74.564912
0.25000 -0.585730 -90.025557 -0.246578
-0.000535 -0.335891 -30.063483
0.50000 -0.585730 -56.717344 -0.246578
-0.000535 -0.041889 -29.856005
0.75000 -0.585730 -26.131702 -0.246578
-0.000535 -0.319926 -30.064472
1.00000 -0.585730 -13.296857 -0.246578
-0.000535 -0.639057 -74.600937

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.585122 9.975994 0.260077
0.000732 0.668777 25.946182
0.25000 0.585122 19.089401 0.260077
0.000732 0.357302 53.959063
0.50000 0.585122 40.806410 0.260077
0.000732 0.095200 69.1972687
0.75000 0.585122 64.457088 0.260077
0.000732 0.336237 53.984765
1.00000 0.585122 85.221167 0.260077
0.000732 0.627954 25.979113
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4321
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.618879 -85.224676 -0.248728
-0.000702 -0.622340 -56.789143
0.25000 -0.618879 -64.460530 -0.248728
-0.000702 -0.320741 -25.191231
0.50000 -0.618879 -40.810025 -0.248728
-0.000702 -0.039695 -25.044235
0.75000 -0.618879 -19.092746 -0.248728
-0.000702 -0.322860 -25.192558
1.00000 -0.618879 -9.979297 -0.248728
-0.000702 -0.642745 -56.816165

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.580366 8.453215 0.275075
0.000712 0.696405 25.087083
0.25000 0.580366 16.017488 0.275075
0.000712 0.364179 48.307440
0.50000 0.580366 34.042951 0.275075
0.000712 0.092486 61.578596
0.75000 0.580366 53.673393 0.275075
0.000712 0.366923 48.320825
1.00000 0.580366 70.907906 0.275075
0.000712 0.683662 25.098561

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.656026 -70.909154 -0.266505
-0.000688 -0.660099 -49.165278
0.25000 -0.656026 -53.674582 -0.266505
-0.000688 -0.329356 -22.934632
0.50000 -0.656026 -34.044286 -0.266505
-0.000688 -0.038516 -22.842739
0.75000 -0.656026 -16.018599 -0.266505
-0.000688 -0.347514 -22.927969
1.00000 -0.656026 -8.454291 -0.266505
-0.000688 -0.686499 -49.172195

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.286934 9.235560 0.068206
0.000171 0.183895 14.278828
0.25000 0.286934 18.232872 0.068206
0.000171 0.111106 41.998169
0.50000 0.286934 39.673231 0.068206
0.000171 0.055950 57.790559
0.75000 0.286934 63.022626 0.068206
0.000171 0.077246 42.008330
1.00000 0.286934 83.522195 0.068206
0.000171 0.119897 14.282063

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.231436 -83.523605 -0.047345
-0.000170 -0.134404 -51.105768
0.25000 -0.231436 -63.329771 -0.047345
-0.000170 -0.075956 -19.901448
0.50000 -0.231436 -39.674746 -0.047345
-0.000170 -0.026891 -19.747353
0.75000 -0.231436 -18.234120 -0.047345
-0.000170 -0.093359 -19.884881
1.00000 -0.231436 -9.236767 -0.047345
-0.000170 -0.173254 -51.096588

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.316987 9.111670 0.112638
0.000364 0.283576 19.543828
0.25000 0.316987 17.697815 0.112638
0.000364 0.154562 45.963005
0.50000 0.316987 38.158372 0.112638
0.000364 0.075504 61.051778
0.75000 0.316987 60.440726 0.112638
0.000364 0.155175 45.965765
1.00000 0.316987 80.003486 0.112638
0.000364 0.255661 19.532151
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4322
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.347215 -80.003327 -0.094528
-0.000364 -0.235057 -51.734861
0.25000 -0.347215 -60.440504 -0.094528
-0.000364 -0.118876 -21.953011
0.50000 -0.347215 -38.158314 -0.094528
-0.000364 -0.033683 -21.802448
0.75000 -0.347215 -17.697502 -0.094528
-0.000364 -0.158083 -21.930207
1.00000 -0.347215 -9.111317 -0.094528
-0.000364 -0.294443 -51.712126

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.514974 6.679792 0.218646
0.000687 0.558882 22.798026
0.25000 0.514974 12.259577 0.218646
0.000687 0.293867 39.674870
0.50000 0.514974 25.556058 0.218646
0.000687 0.082117 49.305352
0.75000 0.514974 40.036449 0.218646
0.000687 0.280472 39.688911
1.00000 0.514974 52.749488 0.218646
0.000687 0.522145 22.815085

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.554101 -52.751732 -0.203751
-0.000686 -0.505740 -37.760858
0.25000 -0.554101 -40.038652 -0.203751
-0.000686 -0.253719 -18.413210
0.50000 -0.554101 -25.558367 -0.203751
-0.000686 -0.031882 -18.321805
0.75000 -0.554101 -12.261721 -0.203751
-0.000686 -0.271088 -18.411282
1.00000 -0.554101 -6.681910 -0.203751
-0.000686 -0.540299 -37.771695

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538142 5.716852 0.248118
0.000635 0.623059 22.122217
0.25000 0.538142 10.396905 0.248118
0.000635 0.320467 36.493084
0.50000 0.538142 21.549350 0.248118
0.000635 0.081692 44.574394
0.75000 0.538142 33.694802 0.248118
0.000635 0.327370 36.496018
1.00000 0.538142 44.357884 0.248118
0.000635 0.609235 22.328742

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.599669 -44.358137 -0.234291
-0.000638 -0.569004 -33.699277
0.25000 -0.599669 -33.695021 -0.234291
-0.000638 -0.278242 -17.466639
0.50000 -0.599669 -21.549658 -0.234291
-0.000638 -0.032160 -17.385302
0.75000 -0.599669 -10.397075 -0.234291
-0.000638 -0.318710 -17.455575
1.00000 -0.599669 -5.716999 -0.234291
-0.000638 -0.620870 -33.689606

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.197232 0.201287 0.107001
6.12E-06 0.256789 4.934353
0.25000 0.197232 0.209349 0.107001
6.12E-06 0.123799 4.949304
0.50000 0.197232 0.228561 0.107001
6.12E-06 0.019853 4.955795
0.75000 0.197232 0.249483 0.107001
6.12E-06 0.147055 4.935714
1.00000 0.197232 0.267852 0.107001
6.12E-06 0.274456 4.907075
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4323
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.240824 -0.265650 -0.102441
-6.13E-06 -0.235181 -3.227826
0.25000 -0.240824 -0.247281 -0.102441
-6.13E-06 -0.108279 -3.192223
0.50000 -0.240824 -0.226359 -0.102441
-6.13E-06 -0.008363 -3.184502
0.75000 -0.240824 -0.207147 -0.102441
-6.13E-06 -0.142617 -3.177057
1.00000 -0.240824 -0.190085 -0.102441
-6.13E-06 -0.275674 -3.197497

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.285243 0.727487 0.168533
0.000154 0.403031 9.790881
0.25000 0.285243 0.993537 0.168533
0.000154 0.193772 10.549112
0.50000 0.285243 1.627526 0.168533
0.000154 0.038110 10.966326
0.75000 0.285243 2.317965 0.168533
0.000154 0.242222 10.527540
1.00000 0.285243 2.924135 0.168533
0.000154 0.447465 9.747132

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.404781 -2.920140 -0.165896
-0.000154 -0.379886 -7.057300
0.25000 -0.404781 -2.313968 -0.165896
-0.000154 -0.174503 -6.123118
0.50000 -0.404781 -1.623534 -0.165896
-0.000154 -0.031661 -6.107190
0.75000 -0.404781 -0.989537 -0.165896
-0.000154 -0.226542 -6.099877
1.00000 -0.404781 -0.723486 -0.165896
-0.000154 -0.435892 -7.011464

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.374523 0.878373 0.176135
0.000343 0.425480 14.837333
0.25000 0.374523 0.885629 0.176135
0.000343 0.206531 14.622199
0.50000 0.374523 0.902920 0.176135
0.000343 0.055113 14.580142
0.75000 0.374523 0.921750 0.176135
0.000343 0.249577 14.602704
1.00000 0.374523 0.938282 0.176135
0.000343 0.454239 14.798075

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.475893 -0.935287 -0.166914
-0.000343 -0.380004 -7.739631
0.25000 -0.475893 -0.918755 -0.166914
-0.000343 -0.174107 -7.703347
0.50000 -0.475893 -0.899925 -0.166914
-0.000343 -0.020327 -7.692355
0.75000 -0.475893 -0.882634 -0.166914
-0.000343 -0.233931 -7.681427
1.00000 -0.475893 -0.875378 -0.166914
-0.000343 -0.451971 -7.695850

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.543001 6.067401 0.237455
0.000484 0.592125 21.914878
0.25000 0.543001 11.146528 0.237455
0.000484 0.302302 37.313117
0.50000 0.543001 23.249957 0.237455
0.000484 0.081536 46.079101
0.75000 0.543001 36.431067 0.237455
0.000484 0.312836 37.309500
1.00000 0.543001 48.003404 0.237455
0.000484 0.574208 21.897770
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4324
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.600709 -48.002794 -0.218755
-0.000483 -0.526529 -35.784050
0.25000 -0.600709 -36.430420 -0.218755
-0.000483 -0.255967 -18.163134
0.50000 -0.600709 -23.249406 -0.218755
-0.000483 -0.033114 -18.070910
0.75000 -0.600709 -11.145827 -0.218755
-0.000483 -0.306607 -18.143175
1.00000 -0.600709 -6.066675 -0.218755
-0.000483 -0.599307 -35.757533

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.389484 11.410314 0.207747
0.000891 0.530422 25.156997
0.25000 0.389484 33.606750 0.207747
0.000891 0.285555 82.224707
0.50000 0.389484 62.864502 0.207747
0.000891 0.082549 104.731259
0.75000 0.389484 90.372980 0.207747
0.000891 0.255259 82.240615
1.00000 0.389484 119.510228 0.207747
0.000891 0.478441 25.181756

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.426871 -119.523019 -0.185684
-0.000888 -0.455622 -80.533398
0.25000 -0.426871 -90.385577 -0.185684
-0.000888 -0.240683 -29.930704
0.50000 -0.426871 -62.877105 -0.185684
-0.000888 -0.046053 -29.167701
0.75000 -0.426871 -33.619351 -0.185684
-0.000888 -0.266501 -29.937482
1.00000 -0.426871 -11.422720 -0.185684
-0.000888 -0.523565 -80.547988

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.599949 13.292623 0.275075
0.000732 0.696405 25.946182
0.25000 0.599949 26.127499 0.275075
0.000732 0.369871 64.044709
0.50000 0.599949 56.712670 0.275075
0.000732 0.095200 86.669242
0.75000 0.599949 90.021127 0.275075
0.000732 0.366923 64.079296
1.00000 0.599949 119.264239 0.275075
0.000732 0.683662 25.979113

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.656026 -119.268763 -0.266505
-0.000702 -0.660099 -74.564912
0.25000 -0.656026 -90.025557 -0.266505
-0.000702 -0.335891 -30.063483
0.50000 -0.656026 -56.717344 -0.266505
-0.000702 -0.041889 -29.856005
0.75000 -0.656026 -26.131792 -0.266505
-0.000702 -0.347514 -30.064472
1.00000 -0.656026 -13.296857 -0.266505
-0.000702 -0.686499 -74.600937

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.599949 13.292623 0.275075
0.000891 0.696405 25.946182
0.25000 0.599949 33.606750 0.275075
0.000891 0.369871 82.224707
0.50000 0.599949 62.864502 0.275075
0.000891 0.095200 104.731259
0.75000 0.599949 90.372980 0.275075
0.000891 0.366923 82.240615
1.00000 0.599949 119.510228 0.275075
0.000891 0.683662 25.979113
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4325
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.656026 -119.523019 -0.266505
-0.000888 -0.660099 -80.533398
0.25000 -0.656026 -90.385577 -0.266505
-0.000888 -0.335891 -30.063483
0.50000 -0.656026 -62.877105 -0.266505
-0.000888 -0.046053 -29.856005
0.75000 -0.656026 -33.619351 -0.266505
-0.000888 -0.347514 -30.064472
1.00000 -0.656026 -13.296857 -0.266505
-0.000888 -0.686499 -80.547988

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.599949 13.292623 0.275075
0.000891 0.696405 25.946182
0.25000 0.599949 33.606750 0.275075
0.000891 0.369871 82.224707

```
 0.50000     0.599949    62.864502     0.275075
 0.000891    0.095200   104.731259
 0.75000     0.599949    90.372980     0.275075
 0.000891    0.366923    82.240615
 1.00000     0.599949   119.510228     0.275075
 0.000891    0.683662    25.979113

COMB  DESIGN  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.656026  -119.523019    -0.266505
-0.000888   -0.660099   -80.533398
 0.25000   -0.656026   -90.385577    -0.266505
-0.000888   -0.335891   -30.063483
 0.50000   -0.656026   -62.877105    -0.266505
-0.000888   -0.046053   -29.856005
 0.75000   -0.656026   -33.619351    -0.266505
-0.000888   -0.347514   -30.064472
 1.00000   -0.656026   -13.296857    -0.266505
-0.000888   -0.686499   -80.547988

ELEM       418  ==================  LENGTH
=     4.973063

COMB DB-G1-1  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.235642     0.530215     0.114636
 0.000783   0.295650     7.375486
 0.25000    0.235642     0.554066     0.114636
 0.000783   0.153382     7.034990
 0.50000    0.235642     0.585459     0.114636
 0.000783   0.020914     6.774231
 0.75000    0.235642     0.614970     0.114636
 0.000783   0.150493     6.668403
 1.00000    0.235642     0.646251     0.114636
 0.000783   0.305138     6.655444

COMB DB-G1-1  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.125684    -0.433178    -0.124426
-0.000260   -0.313686    -1.716408
 0.25000   -0.125684    -0.401922    -0.124426
-0.000260   -0.159008    -1.815278
 0.50000   -0.125684    -0.372405    -0.124426
-0.000260   -0.005273    -1.967715
 0.75000   -0.125684    -0.341015    -0.124426
-0.000260   -0.132784    -2.121358
 1.00000   -0.125684    -0.312750    -0.124426
-0.000260   -0.275306    -2.328463

COMB DB-G1-2  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.386553     11.578254     0.166114
 0.000997   0.438746     24.892735
 0.25000    0.386553     33.807592     0.166114
 0.000997   0.237574     81.963468
 0.50000    0.386553     63.065566     0.166114
 0.000997   0.080849    104.153137
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4326

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P             V2            V3
        T         M2            M3
 0.75000    0.386553     90.570352     0.166114
 0.000997   0.229350     81.199957
 1.00000    0.386553    119.723349     0.166114
 0.000997   0.434110     23.636913

COMB DB-G1-2  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.276595  -119.312549    -0.172322
-0.000367   -0.453016   -80.480076
 0.25000   -0.276595   -90.181678    -0.172322
-0.000367   -0.238864   -30.295514
 0.50000   -0.276595   -62.672536    -0.172322
-0.000367   -0.048044   -30.036058
 0.75000   -0.276595   -33.416437    -0.172322
-0.000367   -0.347338   -30.000623
 1.00000   -0.276595   -11.229715    -0.172322
-0.000367   -0.416989   -81.590730

COMB DB-G1-3  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.363178     8.490282     0.179074
 0.001113   0.461781     25.194953
 0.25000    0.363178     23.623881     0.179074
 0.001113   0.242907     63.538363
 0.50000    0.363178     43.542535     0.179074
 0.001113   0.079533     78.306571
 0.75000    0.363178     62.267627     0.179074
 0.001113   0.272556     62.604187
 1.00000    0.363178     82.114813     0.179074
 0.001113   0.515863     23.511423

COMB DB-G1-3  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.334105   -81.588188    -0.201379
-0.000629   -0.507152   -56.711636
 0.25000   -0.334105   -61.756066    -0.201379
-0.000629   -0.257320   -22.696251
 0.50000   -0.334105   -43.036907    -0.201379
-0.000629   -0.039615   -22.669578
 0.75000   -0.334105   -23.110631    -0.201379
-0.000629   -0.226927   -23.408132
 1.00000   -0.334105    -8.006043    -0.201379
-0.000629   -0.449127   -58.067616

COMB DB-G1-4  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.378305     7.225658     0.198883
 0.000955   0.504572     23.710644
 0.25000    0.378305     19.783326     0.198883
 0.000955   0.260455     55.353463
 0.50000    0.378305     36.311570     0.198883
 0.000955   0.075769     67.487296
 0.75000    0.378305     51.849413     0.198883
 0.000955   0.314757     54.399060
 1.00000    0.378305     68.318354     0.198883
 0.000955   0.595732     21.955863

COMB DB-G1-4  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.363707   -67.792491    -0.230720
-0.000766   -0.569609   -48.079441
 0.25000   -0.363707   -51.336049    -0.230720
-0.000766   -0.283220   -19.917359
 0.50000   -0.363707   -35.795745    -0.230720
-0.000766   -0.036786   -19.958677
 0.75000   -0.363707   -19.268560    -0.230720
-0.000766   -0.256162   -20.034970
 1.00000   -0.363707    -6.734967    -0.230720
-0.000766   -0.501411   -49.458547

COMB DB-G2-1  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.132241     9.447776     0.039984
 0.000204   0.108731    16.488771
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4327

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P             V2            V3
        T         M2            M3
 0.25000    0.132241    28.051728     0.039984
 0.000204   0.063156    64.468209
 0.50000    0.132241    52.538016     0.039984
 0.000204   0.055537    83.204514
 0.75000    0.132241    75.557043     0.039984
 0.000204   0.078272    64.044180
 1.00000    0.132241    99.955473     0.039984
 0.000204   0.125707    15.860334

COMB DB-G2-1  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.159478   -99.734929    -0.044774
-0.000193   -0.122677   -66.402567
 0.25000   -0.159478   -75.355015    -0.044774
-0.000193   -0.067161   -24.303143
 0.50000   -0.159478   -52.332343    -0.044774
-0.000193   -0.037416   -23.986534
 0.75000   -0.159478   -27.847625    -0.044774
-0.000193   -0.067401   -24.610628
 1.00000   -0.159478    -9.279308    -0.044774
-0.000193   -0.114311   -66.934212

COMB DB-G2-2  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.167146     9.132992     0.089275
 0.000342   0.226303    20.657961
 0.25000    0.167146    26.448979     0.089275
 0.000342   0.119168    64.956205
 0.50000    0.167146    49.240062     0.089275
 0.000342   0.068604    82.149675
 0.75000    0.167146    70.655463     0.089275
 0.000342   0.169986    64.257964
 1.00000    0.167146    93.374772     0.089275
 0.000342   0.296657    19.481949

COMB DB-G2-2  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.258436   -92.992361    -0.108361
-0.000519   -0.266942   -63.269173
 0.25000   -0.258436   -70.300287    -0.108361
-0.000519   -0.132809   -24.185381
 0.50000   -0.258436   -48.871492    -0.108361
-0.000519   -0.040308   -23.991746
 0.75000   -0.258436   -26.081870    -0.108361
-0.000519   -0.131841   -24.673690
 1.00000   -0.258436    -8.799080    -0.108361
-0.000519   -0.240245   -64.168274

COMB DB-G2-3  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.303361     7.218229     0.155839
 0.000931   0.397667     23.325804
 0.25000    0.303361    19.475372     0.155839
 0.000931   0.207161    54.110311
 0.50000    0.303361    35.608068     0.155839
 0.000931   0.073029    65.923451
 0.75000    0.303361    50.774065     0.155839
 0.000931   0.248945    53.206523
 1.00000    0.303361    66.848878     0.155839
 0.000931   0.467023    21.669412

COMB DB-G2-3  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.356047   -66.330246    -0.180104
-0.000691   -0.446458   -46.636748
 0.25000   -0.356047   -50.257634    -0.180104
-0.000691   -0.223089   -19.131330
 0.50000   -0.356047   -35.099235    -0.180104
-0.000691   -0.034894   -19.154358
 0.75000   -0.356047   -18.967573    -0.180104
-0.000691   -0.202319   -19.797165
 1.00000   -0.356047    -6.733928    -0.180104
-0.000691   -0.393856   -47.913556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4328

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.334895     6.154081     0.182600
 0.000771   0.458666     21.838728
 0.25000    0.334895    16.422032     0.182600
 0.000771   0.234355     47.545641
 0.50000    0.334895    29.936579     0.182600
 0.000771   0.089001     57.368930
 0.75000    0.334895    42.643131     0.182600
 0.000771   0.301361     46.635806
 1.00000    0.334895    56.107368     0.182600
 0.000771   0.567984     20.131341

COMB DB-G2-4  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.387174   -55.615471    -0.218394
-0.000813   -0.533002   -40.057881
 0.25000   -0.387174   -42.159634    -0.218394
-0.000813   -0.261937   -17.074878
 0.50000   -0.387174   -29.452899    -0.218394
-0.000813   -0.033065   -17.152775
 0.75000   -0.387174   -15.939209    -0.218394
-0.000813   -0.238025   -17.749867
 1.00000   -0.387174    -5.690943    -0.218394
-0.000813   -0.463272   -41.361894

COMB DB-G3-1  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.128038     0.185158     0.082450
4.63E-06    0.199078     3.517385
 0.25000    0.128038     0.209099     0.082450
4.63E-06    0.096562     3.433775
 0.50000    0.128038     0.240402     0.082450
4.63E-06    0.013328     3.326666
 0.75000    0.128038     0.269914     0.082450
4.63E-06    0.147134     3.182930
 1.00000    0.128038     0.301194     0.082450
4.63E-06    0.280974     3.018685

COMB DB-G3-1  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.183201    -0.225644    -0.107660
-0.000335   -0.254479   -1.620662
 0.25000   -0.183201    -0.194388    -0.107660
-0.000335   -0.120635   -1.656765
 0.50000   -0.183201    -0.164872    -0.107660
-0.000335   -0.005990   -1.746435
 0.75000   -0.183201    -0.133481    -0.107660
-0.000335   -0.108502   -1.837310
 1.00000   -0.183201    -0.109675    -0.107660
-0.000335   -0.211001   -1.981647

COMB DB-G3-2  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.209917     0.796395     0.135957
9.49E-05    0.328629     7.692515
 0.25000    0.209917     1.511931     0.135957
9.49E-05    0.159756     9.125340
 0.50000    0.209917     2.453711     0.135957
9.49E-05    0.027312     9.553078
 0.75000    0.209917     3.339059     0.135957
9.49E-05    0.241487     8.645361
 1.00000    0.209917     4.277460     0.135957
9.49E-05    0.457214     6.747070

COMB DB-G3-2  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.292222    -4.070823    -0.173813
-0.000638   -0.408555   -5.236771
 0.25000   -0.292222    -3.133134    -0.173813
-0.000638   -0.192554   -3.781789
 0.50000   -0.292222    -2.247647    -0.173813
-0.000638   -0.011730   -3.933838
 0.75000   -0.292222    -1.305927    -0.173813
-0.000638   -0.179545   -4.122067
 1.00000   -0.292222    -0.591762    -0.173813
-0.000638   -0.348505   -5.914173
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4329

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.223431     1.423779     0.144106
 0.000314   0.347078    13.045736
 0.25000    0.223431     2.561482     0.144106
 0.000314   0.168172    15.263992
 0.50000    0.223431     4.058913     0.144106
 0.000314   0.042588    15.905031
 0.75000    0.223431     5.466615     0.144106
 0.000314   0.272566    14.544393
 1.00000    0.223431     6.958673     0.144106
 0.000314   0.510219    11.628728

COMB DB-G3-3  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.357094    -6.603509    -0.192098
-0.000797   -0.547839    -7.713186
 0.25000   -0.357094    -5.112584    -0.192098
-0.000797   -0.209514    -5.381299
 0.50000   -0.357094    -3.704659    -0.192098
-0.000797   -0.016105    -5.604592
 0.75000   -0.357094    -2.207324    -0.192098
-0.000797   -0.192088    -5.885412
 1.00000   -0.357094    -1.077102    -0.192098
-0.000797   -0.371073    -8.716350

COMB DB-G3-4  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.315372     6.964107     0.176267
 0.000597   0.440401     21.888281
 0.25000    0.315372    19.092453     0.176267
 0.000597   0.224246    52.504518
 0.50000    0.315372    35.055629     0.176267
 0.000597   0.071597    64.253310
 0.75000    0.315372    50.062264     0.176267
 0.000597   0.301849    51.604044
 1.00000    0.315372    65.968164     0.176267
 0.000597   0.563250    20.238382

COMB DB-G3-4  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.418861   -65.511505    -0.214822
-0.000821   -0.522466   -46.520796
 0.25000   -0.418861   -49.617677    -0.214822
-0.000821   -0.255835   -19.301617
 0.50000   -0.418861   -34.608665    -0.214822
-0.000821   -0.022599   -19.321820
 0.75000   -0.418861   -18.646513    -0.214822
-0.000821   -0.235237   -19.954888
 1.00000   -0.418861    -6.541418    -0.214822
-0.000821   -0.452558   -47.773043

COMB DL-G1-1  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.322099     0.628958     0.137311
 0.000685   0.357490     8.085917
 0.25000    0.322099     0.637032     0.137311
 0.000685   0.186628     7.825440
 0.50000    0.322099     0.656247     0.137311
 0.000685   0.024529     7.579836
 0.75000    0.322099     0.677169     0.137311
 0.000685   0.204010     7.380603
 1.00000    0.322099     0.695535     0.137311
 0.000685   0.414351     7.207083

COMB DL-G1-1  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.349306    -0.455724    -0.169015
-0.000225   -0.426257   -3.395858
 0.25000   -0.349306    -0.437357    -0.169015
-0.000225   -0.215955   -3.395203
 0.50000   -0.349306    -0.416437    -0.169015
-0.000225   -0.008614   -3.422451
 0.75000   -0.349306    -0.397226    -0.169015
-0.000225   -0.153530   -3.450211
 1.00000   -0.349306    -0.389168    -0.169015
-0.000225   -0.326015   -3.505501
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4330

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.583439    13.505112     0.205709
 0.000848   0.540676    24.419144
 0.25000    0.583439    26.358992     0.205709
 0.000848   0.300455    63.670686
 0.50000    0.583439    56.950048     0.205709
 0.000848   0.089930    85.920322
 0.75000    0.583439    90.256807     0.205709
 0.000848   0.316569    62.928061
 1.00000    0.583439   119.495892     0.205709
 0.000848   0.597202    22.966778

COMB DL-G1-2  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.558366  -119.035152    -0.240416
-0.000301   -0.627055   -74.525742
 0.25000   -0.558366    -89.794208    -0.240416
-0.000301   -0.329064   -30.054198
 0.50000   -0.558366    -56.490996    -0.240416
-0.000301   -0.043540   -30.038268
 0.75000   -0.558366    -25.907034    -0.240416
-0.000301   -0.257297   -30.382837
 1.00000   -0.558366    -13.077641    -0.240416
-0.000301   -0.512257   -75.009588

COMB DL-G1-3  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.567747    10.263143     0.231588
 0.000955   0.591446    25.972802
 0.25000    0.567747    19.390043     0.231588
 0.000955   0.314428    53.473406
 0.50000    0.567747    41.111230     0.231588
 0.000955   0.092049    68.987395
 0.75000    0.567747    64.760703     0.231588
 0.000955   0.384022    52.467284
 1.00000    0.567747    85.521923     0.231588
 0.000955   0.724311    23.980706

COMB DL-G1-3  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.594640   -84.952020    -0.284452
-0.000516   -0.710188   -56.766089
 0.25000   -0.594640   -64.189480    -0.284452
-0.000516   -0.356880   -25.187314
 0.50000   -0.594640   -40.542525    -0.284452
-0.000516   -0.041814   -25.174210
 0.75000   -0.594640   -18.826376    -0.284452
-0.000516   -0.294529   -25.417189
 1.00000   -0.594640    -9.716862    -0.284452
-0.000516   -0.581127   -57.102560

COMB DL-G1-4  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.561868     8.750325     0.265996
 0.000818   0.667934     25.106828
 0.25000    0.561868    16.325797     0.265996
 0.000818   0.346112    47.786727
 0.50000    0.561868    34.354729     0.265996
 0.000818   0.089153    60.543470
 0.75000    0.561868    53.984168     0.265996
 0.000818   0.446539    46.748409
 1.00000    0.561868    71.216310     0.265996
 0.000818   0.844887    23.025839

COMB DL-G1-4  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.626519   -70.649897    -0.329212
-0.000623   -0.808033   -49.147856
 0.25000   -0.626519   -53.416658    -0.329212
-0.000623   -0.399355   -22.920137
 0.50000   -0.626519   -33.789309    -0.329212
-0.000623   -0.040881   -22.892459
 0.75000   -0.626519   -15.764559    -0.329212
-0.000623   -0.342635   -23.077349
 1.00000   -0.626519    -8.203517    -0.329212
-0.000623   -0.672425   -49.359934
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4331

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.272262     9.333536     0.056704
 0.000174   0.145947    14.300123
 0.25000    0.272262    18.344170     0.056704
 0.000174   0.086993    41.843743
 0.50000    0.272262    39.788655     0.056704
 0.000174   0.054797    57.456401
 0.75000    0.272262    63.136860     0.056704
 0.000174   0.105146    41.476145
 1.00000    0.272262    83.633606     0.056704
 0.000174   0.173254    13.605944

COMB DL-G2-1  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.231072   -83.404354    -0.064989
-0.000156   -0.169889   -51.075851
 0.25000   -0.231072   -62.906305    -0.064989
-0.000156   -0.089635   -19.879027
 0.50000   -0.231072   -39.560586    -0.064989
-0.000156   -0.027947   -19.845783
 0.75000   -0.231072   -18.121075    -0.064989
-0.000156   -0.087240   -20.065246
 1.00000   -0.231072    -9.117606    -0.064989
-0.000156   -0.156168   -51.326653

COMB DL-G2-2  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.302911     9.297544     0.126301
 0.000300   0.308086    19.573383
 0.25000    0.302911    17.896702     0.126301
 0.000300   0.161504    45.651070
 0.50000    0.302911    38.361197     0.126301
 0.000300   0.073157    60.407381
 0.75000    0.302911    60.642114     0.126301
 0.000300   0.243512    44.965216
 1.00000    0.302911    80.202480     0.126301
 0.000300   0.431077    18.221072

COMB DL-G2-2  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.342763   -79.818029    -0.160608
-0.000419   -0.386412   -51.709675
 0.25000   -0.342763   -60.256719    -0.160608
-0.000419   -0.187236   -21.924071
 0.50000   -0.342763   -37.977874    -0.160608
-0.000419   -0.035648   -21.878113
 0.75000   -0.342763   -17.518126    -0.160608
-0.000419   -0.184907   -22.073060
 1.00000   -0.342763    -8.935648    -0.160608
-0.000419   -0.339618   -51.891533

COMB DL-G2-3  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.493535     6.960237     0.205374
 0.000809   0.516326     22.838480
 0.25000    0.493535    12.548284     0.205374
 0.000809   0.268132    39.230730
 0.50000    0.493535    25.847323     0.205374
 0.000809   0.078742    48.359673
 0.75000    0.493535    40.326976     0.205374
 0.000809   0.348929    38.227124
 1.00000    0.493535    53.038264     0.205374
 0.000809   0.657380    20.885060

COMB DL-G2-3  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.533815   -52.503335    -0.254446
-0.000574   -0.620503   -37.749782
 0.25000   -0.533815    -39.791239    -0.254446
-0.000574   -0.304718   -18.409181
 0.50000   -0.533815    -25.313127    -0.254446
-0.000574   -0.034238   -18.395209
 0.75000   -0.533815    -12.017173    -0.254446
-0.000574   -0.263462   -18.537917
 1.00000   -0.533815     -6.439771    -0.254446
-0.000574   -0.517577   -37.931686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING              LOAD                >
                                      4332

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4  ------------------  MAX

REL DIST          P             V2            V3
        T         M2            M3
 0.00000    0.513335     6.009835     0.253085
 0.000668   0.627197    22.360614
 0.25000    0.513335    10.696818     0.253085
 0.000668   0.318374    36.007141
 0.50000    0.513335    21.851408     0.253085
 0.000668   0.077040    43.571710
 0.75000    0.513335    33.996241     0.253085
 0.000668   0.426575    34.966300
 1.00000    0.513335    44.657855     0.253085
 0.000668   0.807745    20.310016

COMB DL-G2-4  ------------------  MIN

REL DIST          P             V2            V3
        T         M2            M3
 0.00000   -0.575480   -44.129781    -0.311586
```

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-0.000674   -0.752001   -33.690858
0.25000     -0.575480   -33.467489     -0.311586
-0.000674   -0.364771   -17.449441
0.50000     -0.575480   -21.323949     -0.311586
-0.000674   -0.034688   -17.418281
0.75000     -0.575480   -10.171946     -0.311586
-0.000674   -0.328532   -17.518535
1.00000     -0.575480   -5.493891      -0.311586
-0.000674   -0.642169   -33.765671

COMB DL-G3-1 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.187866    0.289521    0.130894
4.30E-06    0.314923    4.925005
0.25000     0.187866    0.297596    0.130894
4.30E-06    0.152136    4.781039
0.50000     0.187866    0.311811    0.130894
4.30E-06    0.018712    4.632801
0.75000     0.187866    0.337732    0.130894
4.30E-06    0.210845    4.458398
1.00000     0.187866    0.356099    0.130894
4.30E-06    0.403884    4.277733

COMB DL-G3-1 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.233917   -0.238953   -0.155535
-0.000287   -0.366244   -3.228737
0.25000     -0.233917   -0.220586   -0.155535
-0.000287   -0.171389   -3.171595
0.50000     -0.233917   -0.199667   -0.155535
-0.000287   -0.009366   -3.143886
0.75000     -0.233917   -0.180456   -0.155535
-0.000287   -0.173275   -3.114784
1.00000     -0.233917   -0.172397   -0.155535
-0.000287   -0.335978   -3.113531

COMB DL-G3-2 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.277244    0.988335    0.209068
9.10E-05    0.501662    9.783384
0.25000     0.277244    1.154779    0.209068
9.10E-05    0.242155    10.235818
0.50000     0.277244    1.788890    0.209068
9.10E-05    0.035980    10.385860
0.75000     0.277244    2.479294    0.209068
9.10E-05    0.353063    9.662187
1.00000     0.277244    3.085380    0.209068
9.10E-05    0.673525    8.604147

COMB DL-G3-2 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.388790   -2.841798   -0.257273
-0.000535   -0.604057   -7.060054
0.25000     -0.388790   -2.235673   -0.257273
-0.000535   -0.285293   -6.096894
0.50000     -0.388790   -1.545342   -0.257273
-0.000535   -0.017443   -6.065041
0.75000     -0.388790   -0.913178   -0.257273
-0.000535   -0.278586   -6.035072
1.00000     -0.388790   -0.645442   -0.257273
-0.000535   -0.538609   -6.923078
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4333

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.356841    1.119631    0.220152
0.000284    0.524782    14.856029
0.25000     0.356841    1.126897    0.220152
0.000284    0.351796    14.213356
0.50000     0.356841    1.144191    0.220152
0.000284    0.051993    13.666503
0.75000     0.356841    1.163020    0.220152
0.000284    0.390472    13.334784
1.00000     0.356841    1.179550    0.220152
0.000284    0.737013    13.115344

COMB DL-G3-3 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.464655   -0.790199   -0.278050
-0.000675   -0.643503   -7.745676
0.25000     -0.464655   -0.773668   -0.278050
-0.000675   -0.299212   -7.676234
0.50000     -0.464655   -0.754841   -0.278050
-0.000675   -0.022656   -7.632503
0.75000     -0.464655   -0.737551   -0.278050
-0.000675   -0.296716   -7.588107
1.00000     -0.464655   -0.730298   -0.278050
-0.000675   -0.569746   -7.569368

COMB DL-G3-4 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.517227    6.348385    0.253169
0.000530    0.621890    21.941563
0.25000     0.517227    11.435034   0.253169
 0.000530   0.313766    36.845447
0.50000     0.517227    23.540791   0.253169
 0.000530   0.078100    45.113509
0.75000     0.517227    36.721230   0.253169
 0.000530   0.427689    35.327946
1.00000     0.517227    48.291973   0.253169
 0.000530   0.804701    19.949379

COMB DL-G3-4 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.582953   -47.793406  -0.308481
-0.000684   -0.738838   -35.772767
0.25000     -0.582953   -36.221926  -0.308481
-0.000684   -0.356549   -18.135198
0.50000     -0.582953   -23.042891  -0.308481
-0.000684   -0.035754   -18.090053
0.75000     -0.582953   -10.939942  -0.308481
-0.000684   -0.334958   -18.187506
1.00000     -0.582953   -5.862983   -0.308481
-0.000684   -0.648348   -35.808714

COMB       DB ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.386553    11.578254   0.198883
 0.001113   0.504572    25.194953
0.25000     0.386553    33.807592   0.198883
 0.001113   0.260455    81.963468
0.50000     0.386553    63.065566   0.198883
 0.001113   0.080849    104.153137
0.75000     0.386553    90.570352   0.198883
 0.001113   0.314757    81.199957
1.00000     0.386553    119.723349  0.198883
 0.001113   0.595732    23.636913

COMB       DB ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.418861   -119.312549 -0.230720
-0.000821   -0.569609   -80.480076
0.25000     -0.418861   -90.181678  -0.230720
-0.000821   -0.283220   -30.295514
0.50000     -0.418861   -62.672536  -0.230720
-0.000821   -0.048044   -30.036058
0.75000     -0.418861   -33.416437  -0.230720
-0.000821   -0.256162   -30.900623
1.00000     -0.418861   -11.229715  -0.230720
-0.000821   -0.501411   -81.590730
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4334

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       DL ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.583439    13.505112   0.265996
 0.000955   0.667934    25.972802
0.25000     0.583439    26.358992   0.265996
 0.000955   0.346112    63.670686
0.50000     0.583439    56.950048   0.265996
 0.000955   0.092049    85.920323
0.75000     0.583439    90.256807   0.265996
 0.000955   0.446539    62.922061
1.00000     0.583439    119.495892  0.265996
 0.000955   0.844887    23.980706

COMB       DL ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.626519   -119.035152 -0.329212
-0.000684   -0.808033   -74.525742
0.25000     -0.626519   -89.794208  -0.329212
-0.000684   -0.399355   -30.054198
0.50000     -0.626519   -56.490996  -0.329212
-0.000684   -0.043540   -30.038268
0.75000     -0.626519   -25.907034  -0.329212
-0.000684   -0.342635   -30.382837
1.00000     -0.626519   -13.077641  -0.329212
-0.000684   -0.672425   -75.009588

COMB       CAR ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.583439    13.505112   0.265996
 0.001113   0.667934    25.972802
0.25000     0.583439    33.807592   0.265996
 0.001113   0.346112    81.963468
0.50000     0.583439    63.065566   0.265996
 0.001113   0.092049    104.153137
0.75000     0.583439    90.570352   0.265996
 0.001113   0.446539    81.199957
1.00000     0.583439    119.723349  0.265996
 0.001113   0.844887    23.980706

COMB       CAR ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.626519   -119.312549 -0.329212
-0.000821   -0.808033   -80.480076
0.25000     -0.626519   -90.181678  -0.329212
-0.000821   -0.399355   -30.295514
0.50000     -0.626519   -62.672536  -0.329212
-0.000821   -0.048044   -30.038268
0.75000     -0.626519   -33.416437  -0.329212
-0.000821   -0.342635   -30.900623
1.00000     -0.626519   -13.077641  -0.329212
-0.000821   -0.672425   -81.590730

COMB    DESIGN ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.583439    13.505112   0.265996
 0.001113   0.667934    25.972802
0.25000     0.583439    33.807592   0.265996
 0.001113   0.346112    81.963468
0.50000     0.583439    63.065566   0.265996
 0.001113   0.092049    104.153137
0.75000     0.583439    90.570352   0.265996
 0.001113   0.446539    81.199957
1.00000     0.583439    119.723349  0.265996
 0.001113   0.844887    23.980706

COMB    DESIGN ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.626519   -119.312549 -0.329212
-0.000821   -0.808033   -80.480076
0.25000     -0.626519   -90.181678  -0.329212
-0.000821   -0.399355   -30.295514
0.50000     -0.626519   -62.672536  -0.329212
-0.000821   -0.048044   -30.038268
0.75000     -0.626519   -33.416437  -0.329212
-0.000821   -0.342635   -30.900623
1.00000     -0.626519   -13.077641  -0.329212
-0.000821   -0.672425   -81.590730
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4335

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM    419 ================ LENGTH
=    4.972251

COMB DB-G1-1 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.218911    0.719880    0.093842
0.001017    0.243683    6.627571
0.25000     0.218911    0.743765    0.093842
0.001017    0.127140    5.984231
0.50000     0.218911    0.775166    0.093842
0.001017    0.016415    5.379598
0.75000     0.218911    0.804679    0.093842
0.001017    0.137904    4.910669
1.00000     0.218911    0.835971    0.093842
0.001017    0.280941    4.564617

COMB DB-G1-1 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.126802   -0.240026   -0.115078
-5.46E-06   -0.291297   -2.298639
0.25000     -0.126802   -0.208809   -0.115078
-5.46E-06   -0.148244   -2.320563
0.50000     -0.126802   -0.179286   -0.115078
-5.46E-06   -0.006382   -2.339012
0.75000     -0.126802   -0.147892   -0.115078
-5.46E-06   -0.106975   -2.472558
1.00000     -0.126802   -0.124122   -0.115078
-5.46E-06   -0.223389   -2.602861

COMB DB-G1-2 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.359997    11.867370   0.135466
 0.001294   0.358827    23.641078
0.25000     0.359997    34.128076   0.135466
 0.001294   0.196509    80.180736
0.50000     0.359997    63.393696   0.135466
 0.001294   0.073100    101.823376
0.75000     0.359997    90.899373   0.135466
 0.001294   0.225354    77.923039
1.00000     0.359997    120.063921  0.135466
 0.001294   0.429155    20.172210

COMB DB-G1-2 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.264615   -118.906543 -0.171650
-5.67E-05   -0.454008   -81.526647
0.25000     -0.264615   -89.812892  -0.171650
-5.67E-05   -0.240667   -31.337282
0.50000     -0.264615   -62.296918  -0.171650
-5.67E-05   -0.050997   -31.034002
0.75000     -0.264615   -33.037659  -0.171650
-5.67E-05   -0.176486   -31.752858
1.00000     -0.264615   -10.884172  -0.171650
-5.67E-05   -0.340028   -82.573828

COMB DB-G1-3 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.336939    8.887190    0.163086
0.001301    0.418463    23.536811
0.25000     0.336939    24.042145   0.163086
 0.001301   0.219775    61.202732
0.50000     0.336939    43.966004   0.163086
 0.001301   0.069219    75.254955
0.75000     0.336939    62.691703   0.163086
 0.001301   0.294627    58.543144
1.00000     0.336939    82.546752   0.163086
 0.001301   0.565445    18.981655

COMB DB-G1-3 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.323782   -81.085584  -0.223453
-0.000375   -0.566607   -58.022950
0.25000     -0.323782   -61.278795  -0.223453
-0.000375   -0.289161   -23.902498
0.50000     -0.323782   -42.546091  -0.223453
-0.000375   -0.042749   -23.744192
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4336

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P           V2          V3
        T       M2          M3
0.75000     -0.323782   -22.626564  -0.223453
-0.000375   -0.210488   -24.281749
1.00000     -0.323782   -7.544603   -0.223453
-0.000375   -0.409815   -58.928525

COMB DB-G1-4 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.345760    7.640904    0.195089
0.001083    0.491589    21.991902
0.25000     0.345760    20.216293   0.195089
 0.001083   0.252454    52.949248
0.50000     0.345760    36.748856   0.195089
 0.001083   0.064879    64.358924
0.75000     0.345760    52.287203   0.195089
 0.001083   0.357795    50.288479
1.00000     0.345760    68.762669   0.195089
 0.001083   0.688789    17.322830

COMB DB-G1-4 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.347766   -67.350460  -0.270918
-0.000660   -0.675758   -49.435363
0.25000     -0.347766   -50.915040  -0.270918
-0.000660   -0.339308   -21.124047
0.50000     -0.347766   -35.370881  -0.270918
-0.000660   -0.039906   -20.994142
0.75000     -0.347766   -18.841132  -0.270918
-0.000660   0.253179    -21.441665
1.00000     -0.347766   -6.327093   -0.270918
-0.000660   -0.492872   -50.192583

COMB DB-G2-1 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.124709    9.566182    0.040016
0.000213    0.105533    15.900745
0.25000     0.124709    28.196387   0.040016
 0.000213   0.060557    63.629088
0.50000     0.124709    52.689073   0.040016
 0.000213   0.052936    82.125030
0.75000     0.124709    75.708846   0.040016
 0.000213   0.100173    62.408302
1.00000     0.124709    100.116944  0.040016
 0.000213   0.172475    14.278015

COMB DB-G2-1 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.162938   -99.528107  -0.064794
-0.000192   -0.174924   -66.909753
0.25000     -0.162938   -75.179335  -0.064794
-0.000192   -0.094449   -24.847458
0.50000     -0.162938   -52.150953  -0.064794
-0.000192   -0.039201   -24.535318
0.75000     -0.162938   -27.663590  -0.064794
-0.000192   -0.068040   -25.078614
1.00000     -0.162938   -9.123119   -0.064794
-0.000192   -0.114277   -67.552863

COMB DB-G2-2 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.156246    9.384770    0.100316
0.000251    0.249765    19.543971
0.25000     0.156246    26.725122   0.100316
 0.000251   0.129513    63.399876
0.50000     0.156246    49.522231   0.100316
 0.000251   0.061506    80.145997
0.75000     0.156246    70.948327   0.100316
 0.000251   0.222917    61.475279
1.00000     0.156246    93.666633   0.100316
 0.000251   0.408611    16.518609

COMB DB-G2-2 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.256626   -92.661302  -0.155763
-0.000586   -0.389936   -64.157807
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4337

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P           V2          V3
        T       M2          M3
0.25000     -0.256626   -69.998714  -0.155763
-0.000586   -0.196714   -25.026131
0.50000     -0.256626   -48.564104  -0.155763
-0.000586   -0.042769   -24.754254
0.75000     -0.256626   -25.772021  -0.155763
-0.000586   -0.147045   -25.278604
1.00000     -0.256626   -8.515120   -0.155763
-0.000586   -0.268453   -64.830996

COMB DB-G2-3 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.280507    7.601867    0.150937
0.001005    0.381797    21.716722
0.25000     0.280507    19.876306   0.150937
 0.001005   0.197671    51.849420
0.50000     0.280507    36.013218   0.150937
 0.001005   0.063082    62.999925
0.75000     0.280507    51.179707   0.150937
 0.001005   0.283045    49.367692
1.00000     0.280507    67.260888   0.150937
 0.001005   0.541401    17.355505

COMB DB-G2-3 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.326469   -65.846448  -0.212400
-0.000532   -0.531898   -47.888398
0.25000     -0.326469   -49.804354  -0.212400
-0.000532   -0.268230   -20.256304
0.50000     -0.326469   -34.632193  -0.212400
-0.000532   -0.037753   -20.131176
0.75000     -0.326469   -18.498788  -0.212400
-0.000532   -0.197577   -20.569661
1.00000     -0.326469   -6.283469   -0.212400
-0.000532   -0.382758   -48.634193

COMB DB-G2-4 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.300098    6.549724    0.188705
0.000838    0.470236    20.185425
0.25000     0.300098    16.832164   0.188705
 0.000838   0.238590    45.233272
0.50000     0.300098    30.350243   0.188705
 0.000838   0.059211    54.375052
0.75000     0.300098    43.055387   0.188705
 0.000838   0.354033    42.757038
1.00000     0.300098    56.526779   0.188705
 0.000838   0.680930    15.735690

COMB DB-G2-4 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.352218   -55.220735  -0.266809
-0.000780   -0.660143   -41.356225
0.25000     -0.352218   -41.782086  -0.266809
-0.000780   -0.326800   -18.203650
0.50000     -0.352218   -29.072191  -0.266809
-0.000780   -0.035983   -18.094150
0.75000     -0.352218   -15.557050  -0.266809
-0.000780   -0.247338   -18.456793
1.00000     -0.352218   -5.324136   -0.266809
-0.000780   -0.479866   -41.962097

COMB DB-G3-1 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.104226    0.296933    0.098381
4.45E-07    0.237804    3.040966
0.25000     0.104226    0.320818    0.098381
4.45E-07    0.115495    2.779712
0.50000     0.104226    0.352218    0.098381
4.45E-07    0.009860    2.495358
0.75000     0.104226    0.381731    0.098381
4.45E-07    0.183705    2.176538
1.00000     0.104226    0.413023    0.098381
4.45E-07    0.357802    1.842671
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4338

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.164288   -0.226244   -0.140065
-0.000521   -0.338732   -2.005519
0.25000     -0.164288   -0.195028   -0.140065
-0.000521   -0.164665   -1.940680
0.50000     -0.164288   -0.165504   -0.140065
-0.000521   -0.006775   -1.929766
0.75000     -0.164288   -0.134778   -0.140065
-0.000521   -0.129108   -1.920038
1.00000     -0.164288   -0.110340   -0.140065
-0.000521   -0.251397   -1.964068

COMB DB-G3-2 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.180938    1.020404    0.161740
1.99E-06    0.390952    6.788355
0.25000     0.180938    1.736950    0.161740
1.99E-06    0.190105    7.885627
0.50000     0.180938    2.678977    0.161740
1.99E-06    0.021039    7.180078
0.75000     0.180938    3.564352    0.161740
1.99E-06    0.306676    6.681170
1.00000     0.180938    4.503125    0.161740
1.99E-06    0.594050    4.474463

COMB DB-G3-2 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.266246   -4.002223   -0.231492
-0.000928   -0.558240   -5.950999
0.25000     -0.266246   -3.065732   -0.231492
-0.000928   -0.270621   -4.329314
0.50000     -0.266246   -2.180025   -0.231492
-0.000928   -0.013176   -4.313995
0.75000     -0.266246   -1.238203   -0.231492
-0.000928   -0.213133   -4.331608
1.00000     -0.266246   -0.525108   -0.231492
-0.000928   -0.414068   -5.961950

COMB DB-G3-3 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.191590    1.748127    0.175298
0.000202    0.422118    11.693347
0.25000     0.191590    2.887436    0.175298
0.000202    0.204538    13.393798
0.50000     0.191590    4.385258    0.175298
0.000202    0.033628    13.503039
0.75000     0.191590    5.793005    0.175298
0.000202    0.353430    11.556116
1.00000     0.191590    7.285654    0.175298
0.000202    0.680432    8.126843

COMB DB-G3-3 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.340059   -6.371426   -0.263844
-0.001067   -0.633936   -8.750396
0.25000     -0.340059   -4.882405   -0.263844
-0.001067   -0.306405   -6.203644
0.50000     -0.340059   -3.474131   -0.263844
-0.001067   -0.018174   -6.210014
0.75000     -0.340059   -1.976635   -0.263844
-0.001067   -0.233125   -6.268710
1.00000     -0.340059   -0.842814   -0.263844
-0.001067   -0.450830   -8.891646

COMB DB-G3-4 ------------------- MAX

REL DIST        P           V2          V3
        T       M2          M3
0.00000     0.279123    7.334835    0.189939
0.000612    0.470494    20.305226
0.25000     0.279123    19.480296   0.189939
 0.000612   0.237618    50.289848
0.50000     0.279123    35.447643   0.189939
 0.000612   0.061206    61.402629
0.75000     0.279123    50.454764   0.189939
 0.000612   0.365154    47.882659
1.00000     0.279123    66.366966   0.189939
 0.000612   0.698010    16.071912
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<               MOVING          LOAD                >
                                4339

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST        P           V2          V3
        T       M2          M3
0.00000     -0.382925   -65.161026  -0.272236
-0.000948   -0.672604   -47.776633
0.25000     -0.382925   -49.287500  -0.272236
-0.000948   -0.334515   -20.393623
0.50000     -0.382925   -34.274766  -0.272236
-0.000948   -0.039347   -20.228951
0.75000     -0.382925   -18.310889  -0.272236
-0.000948   -0.253940   -20.621968
1.00000     -0.382925   -6.223927   -0.272236
-0.000948   -0.487660   -48.350742

COMB DL-G1-1 ------------------- MAX
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REL DIST P V2 V3
T M2 M3
0.00000 0.296162 0.789487 0.107211
0.000960 0.279373 7.178936
0.25000 0.296162 0.797575 0.107211
0.000960 0.145613 6.511432
0.50000 0.296162 0.816800 0.107211
0.000960 0.019034 5.864362
0.75000 0.296162 0.837722 0.107211
0.000960 0.186477 5.255765
1.00000 0.296162 0.856090 0.107211
0.000960 0.380670 4.685538

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.334132 -0.268788 -0.156004
-4.90E-06 -0.394863 -3.474765
0.25000 -0.334132 -0.250419 -0.156004
-4.90E-06 -0.200560 -3.379470
0.50000 -0.334132 -0.229497 -0.156004
-4.90E-06 -0.008959 -3.312721
0.75000 -0.334132 -0.210289 -0.156004
-4.90E-06 -0.120207 -3.246030
1.00000 -0.334132 -0.192951 -0.156004
-4.90E-06 -0.252894 -3.207336

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538881 13.649653 0.162725
0.001186 0.425045 22.951614
0.25000 0.538881 26.525755 0.162725
0.001186 0.239564 61.585132
0.50000 0.538881 57.132638 0.162725
0.001186 0.080099 83.155182
0.75000 0.538881 90.441114 0.162725
0.001186 0.306761 59.440371
1.00000 0.538881 119.682696 0.162725
0.001186 0.581794 19.023237

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.526059 -118.665019 -0.234344
-4.29E-05 -0.611431 -74.942983
0.25000 -0.526059 -89.421988 -0.234344
-4.29E-05 -0.321740 -30.416411
0.50000 -0.526059 -56.113747 -0.234344
-4.29E-05 -0.045041 -30.229264
0.75000 -0.526059 -25.535545 -0.234344
-4.29E-05 -0.212350 -30.246735
1.00000 -0.526059 -12.738006 -0.234344
-4.29E-05 -0.412730 -74.934304

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.523981 10.501488 0.215935
0.001195 0.544988 24.003341
0.25000 0.523981 19.644168 0.215935
0.001195 0.288622 50.683386
0.50000 0.523981 41.376593 0.215935
0.001195 0.079290 65.304182
0.75000 0.523981 65.027285 0.215935
0.001195 0.420048 47.865493
1.00000 0.523981 85.790277 0.215935
0.001195 0.805190 18.648206
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4340

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.563022 -84.482834 -0.318578
-0.000302 -0.797349 -57.067163
0.25000 -0.563022 -63.718813 -0.318578
-0.000302 -0.402524 -25.326225
0.50000 -0.563022 -40.068288 -0.318578
-0.000302 -0.042796 -25.068562
0.75000 -0.563022 -18.356228 -0.318578
-0.000302 -0.231946 -24.992599
1.00000 -0.563022 -9.269332 -0.318578
-0.000302 -0.549176 -56.561721

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.517421 9.015083 0.268451
0.000996 0.667786 23.067350
0.25000 0.517421 16.603652 0.268451
0.000996 0.344088 44.895036
0.50000 0.517421 34.641911 0.268451
0.000996 0.075470 56.722831
0.75000 0.517421 54.272362 0.268451
0.000996 0.509137 41.990146
1.00000 0.517421 71.505977 0.268451
0.000996 0.980377 17.492138

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.588451 -70.224446 -0.386209
-0.000558 -0.954598 -49.352560
0.25000 -0.588451 -52.989978 -0.386209
-0.000558 -0.475098 -22.914422
0.50000 -0.588451 -33.359665 -0.386209
-0.000558 -0.041600 -22.607926
0.75000 -0.588451 -15.338310 -0.386209
-0.000558 -0.351328 -22.421872
1.00000 -0.588451 -7.796042 -0.386209
-0.000558 -0.684060 -48.562560

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.254739 9.362226 0.057696
0.000193 0.142535 13.635885
0.25000 0.254739 18.388438 0.057696
0.000193 0.083114 40.911646
0.50000 0.254739 39.844017 0.057696
0.000193 0.050143 56.211516
0.75000 0.254739 63.193427 0.057696
0.000193 0.132957 39.886899
1.00000 0.254739 83.691922 0.057696
0.000193 0.230586 11.864213

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.220355 -83.219024 -0.087576
-0.000149 -0.224146 -51.310149
0.25000 -0.220355 -62.719512 -0.087576
-0.000149 -0.116763 -20.102046
0.50000 -0.220355 -39.370267 -0.087576
-0.000149 -0.028826 -19.976049
0.75000 -0.220355 -17.934794 -0.087576
-0.000149 -0.093618 -19.993369
1.00000 -0.220355 -8.963655 -0.087576
-0.000149 -0.164884 -51.324846

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.280571 9.418085 0.152384
0.000235 0.368969 18.285530
0.25000 0.280571 18.031809 0.152384
0.000235 0.191280 43.835541
0.50000 0.280571 38.506891 0.152384
0.000235 0.063943 57.995993
0.75000 0.280571 60.789257 0.152384
0.000235 0.319339 41.936602
1.00000 0.280571 80.350994 0.152384
0.000235 0.590971 14.757488

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4341

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.324524 -79.510457 -0.226724
-0.000484 -0.553517 -51.900083
0.25000 -0.324524 -59.947751 -0.226724
-0.000484 -0.272678 -22.002766
0.50000 -0.324524 -37.665542 -0.226724
-0.000484 -0.036276 -21.767147
0.75000 -0.324524 -17.209647 -0.226724
-0.000484 -0.219950 -21.668365
1.00000 -0.324524 -8.648479 -0.226724
-0.000484 -0.408644 -51.452715

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.452016 7.203841 0.207297
0.000915 0.514981 20.937315
0.25000 0.452016 12.801548 0.207297
0.000915 0.265283 36.555068
0.50000 0.452016 26.107468 0.207297
0.000915 0.065840 44.824244
0.75000 0.452016 40.587868 0.207297
0.000915 0.404281 33.814560
1.00000 0.452016 53.300241 0.207297
0.000915 0.777091 15.729751

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.493439 -52.059438 -0.304946
-0.000441 -0.750062 -37.923340
0.25000 -0.493439 -39.346435 -0.304946
-0.000441 -0.371259 -18.386277
0.50000 -0.493439 -24.866137 -0.304946
-0.000441 -0.034816 -18.123567
0.75000 -0.493439 -11.572687 -0.304946
-0.000441 0.271433 -18.085255
1.00000 -0.493439 -6.009153 -0.304946
-0.000441 -0.527771 -37.194548

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.471356 6.279401 0.271018
0.000763 0.666760 20.375774
0.25000 0.471356 10.974487 0.271018
0.000763 0.336781 33.207893
0.50000 0.471356 22.134849 0.271018
0.000763 0.064382 39.885799
0.75000 0.471356 34.280108 0.271018
0.000763 0.506396 30.386465
1.00000 0.471356 44.942832 0.271018
0.000763 0.977856 14.952839

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.529280 -43.746656 -0.383350
-0.000686 -0.936327 -33.784675
0.25000 -0.529280 -33.083604 -0.383350
-0.000686 -0.459486 -17.296531
0.50000 -0.529280 -20.938231 -0.383350
-0.000686 -0.035027 -16.976397
0.75000 -0.529280 -9.788327 -0.383350
-0.000686 -0.354977 -16.843721
1.00000 -0.529280 -5.121888 -0.383350
-0.000686 -0.690851 -32.772779

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.177179 0.385275 0.155983
2.59E-07 0.377649 4.311155
0.25000 0.177179 0.393363 0.155983
2.59E-07 0.183682 3.925239
0.50000 0.177179 0.412588 0.155983
2.59E-07 0.014240 3.534626
0.75000 0.177179 0.433511 0.155983
2.59E-07 0.262478 3.123423
1.00000 0.177179 0.451878 0.155983
2.59E-07 0.512374 2.704440
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4342

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.211385 -0.220083 -0.200719
-0.000494 -0.483750 -3.152027
0.25000 -0.211385 -0.201724 -0.200719
-0.000494 -0.232896 -2.965552
0.50000 -0.211385 -0.180802 -0.200719
-0.000494 -0.009181 -2.806815
0.75000 -0.211385 -0.161594 -0.200719
-0.000494 -0.203940 -2.648227
1.00000 -0.211385 -0.153556 -0.200719
-0.000494 -0.397898 -2.517759

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.257677 1.063172 0.251992
1.37E-06 0.608825 8.666466
0.25000 0.257677 1.330076 0.251992
1.37E-06 0.295830 8.649586
0.50000 0.257677 1.964515 0.251992
1.37E-06 0.027573 8.326164
0.75000 0.257677 2.654955 0.251992
1.37E-06 0.443301 7.137568
1.00000 0.257677 3.261093 0.251992
1.37E-06 0.862102 5.631013

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.353620 -2.745566 -0.336642
-0.000850 -0.809309 -6.984577
0.25000 -0.353620 -2.139397 -0.336642
-0.000850 -0.369475 -5.826011
0.50000 -0.353620 -1.448963 -0.336642
-0.000850 -0.017374 -5.570223
0.75000 -0.353620 -0.815118 -0.336642
-0.000850 -0.331354 -5.318490
1.00000 -0.353620 -0.549842 -0.336642
-0.000850 -0.644614 -5.992800

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.331454 1.363826 0.275503
0.000197 0.661402 13.206054
0.25000 0.331454 1.371106 0.275503
0.000197 0.319057 11.896832
0.50000 0.331454 1.388408 0.275503
0.000197 0.039959 10.643233
0.75000 0.331454 1.407239 0.275503
0.000197 0.509688 9.612561
1.00000 0.331454 1.423770 0.275503
0.000197 0.985749 8.703673

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.431591 -0.552303 -0.382346
-0.000955 -0.911449 -7.636599
0.25000 -0.431591 -0.525771 -0.382346
-0.000955 -0.434830 -7.289229
0.50000 -0.431591 -0.516941 -0.382346
-0.000955 -0.022424 -6.966299
0.75000 -0.431591 -0.499654 -0.382346
-0.000955 -0.366352 -6.643476
1.00000 -0.431591 -0.492419 -0.382346
-0.000955 -0.708469 -6.345908

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.478048 6.598542 0.282649
0.000568 0.698052 20.528545
0.25000 0.478048 11.693984 0.282649
0.000568 0.346464 34.158097
0.50000 0.478048 23.806004 0.282649
0.000568 0.064492 41.588074
0.75000 0.478048 36.987123 0.282649
0.000568 0.522085 31.452625
1.00000 0.478048 48.588854 0.282649
0.000568 1.003938 14.841610
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4343

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.536520 -47.452152 -0.392199
-0.000859 -0.954081 -35.841747
0.25000 -0.536520 -35.879847 -0.392199
-0.000859 -0.466269 -17.992178
0.50000 -0.536520 -22.698822 -0.392199
-0.000859 -0.036089 -17.773109
0.75000 -0.536520 -10.598152 -0.392199
-0.000859 -0.375501 -17.534642
1.00000 -0.536520 -5.533799 -0.392199
-0.000859 -0.725926 -34.973115

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.359997 11.867370 0.195089
0.001301 0.491589 23.641078
0.25000 0.359997 34.128076 0.195089
0.001301 0.252254 80.180736
0.50000 0.359997 63.393696 0.195089
0.001301 0.073100 101.823376
0.75000 0.359997 90.899373 0.195089
0.001301 0.365154 77.923039
1.00000 0.359997 120.063921 0.195089
0.001301 0.698010 20.172210

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.382925 -118.906543 -0.272236
-0.001067 -0.675758 -81.526647
0.25000 -0.382925 -89.812882 -0.272236
-0.001067 -0.339308 -31.337282
0.50000 -0.382925 -62.296918 -0.272236
-0.001067 -0.050997 -31.034002
0.75000 -0.382925 -33.037659 -0.272236
-0.001067 -0.253940 -31.752858
1.00000 -0.382925 -10.884172 -0.272236
-0.001067 -0.492872 -82.573828

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538881 13.649653 0.282649
0.001195 0.690852 24.003341
0.25000 0.538881 26.525755 0.282649
0.001195 0.346464 61.585132
0.50000 0.538881 57.132638 0.282649
0.001195 0.080099 83.155182
0.75000 0.538881 90.441114 0.282649
0.001195 0.522085 59.440371
1.00000 0.538881 119.682696 0.282649
0.001195 1.003938 19.023237

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.588451 -118.665019 -0.392199
-0.000955 -0.954598 -74.942983
0.25000 -0.588451 -89.421988 -0.392199
-0.000955 -0.475098 -30.416411
0.50000 -0.588451 -56.113747 -0.392199
-0.000955 -0.045041 -30.229264
0.75000 -0.588451 -25.535545 -0.392199
-0.000955 -0.375501 -30.246735
1.00000 -0.588451 -12.738006 -0.392199
-0.000955 -0.725926 -74.934304

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538881 13.649653 0.282649
0.001301 0.690852 24.003341
0.25000 0.538881 34.128076 0.282649
0.001301 0.346464 80.180736
0.50000 0.538881 63.393696 0.282649
0.001301 0.080099 101.823376
0.75000 0.538881 90.899373 0.282649
0.001301 0.522085 77.923039
1.00000 0.538881 120.063921 0.282649
0.001301 1.003938 20.172210
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4344

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.588451 -118.906543 -0.392199
-0.001067 -0.954598 -81.526647
0.25000 -0.588451 -89.812882 -0.392199
-0.001067 -0.475098 -31.337282
0.50000 -0.588451 -62.296918 -0.392199
-0.001067 -0.050997 -31.034002
0.75000 -0.588451 -33.037659 -0.392199
-0.001067 -0.375501 -31.752858
1.00000 -0.588451 -12.738006 -0.392199
-0.001067 -0.725926 -82.573828

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538881 13.649653 0.282649
0.001301 0.690852 24.003341
0.25000 0.538881 34.128076 0.282649
0.001301 0.346464 80.180736
0.50000 0.538881 63.393696 0.282649
0.001301 0.080099 101.823376
0.75000 0.538881 90.899373 0.282649
0.001301 0.522085 77.923039
1.00000 0.538881 120.063921 0.282649
0.001301 1.003938 20.172210

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.588451 -118.906543 -0.392199
-0.001067 -0.954598 -81.526647
0.25000 -0.588451 -89.812882 -0.392199
-0.001067 -0.475098 -31.337282
0.50000 -0.588451 -62.296918 -0.392199
-0.001067 -0.050997 -31.034002
0.75000 -0.588451 -33.037659 -0.392199
-0.001067 -0.375501 -31.752858
1.00000 -0.588451 -12.738006 -0.392199
-0.001067 -0.725926 -82.573828

ELEM 420 ========== LENGTH = 4.972566

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.159430 0.657972 0.074186
0.001171 0.193280 4.545000
0.25000 0.159430 0.681921 0.074186
0.001171 0.101083 3.979708
0.50000 0.159430 0.713382 0.074186
0.001171 0.010482 3.447405
0.75000 0.159430 0.742908 0.074186
0.001171 0.123526 3.037843
1.00000 0.159430 0.774477 0.074186
0.001171 0.252878 2.740084

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.157145 -0.221985 -0.104104
-6.48E-06 -0.264980 -2.574914
0.25000 -0.157145 -0.190797 -0.104104
-6.48E-06 -0.135552 -2.680008
0.50000 -0.157145 -0.161221 -0.104104
-6.48E-06 -0.007422 -2.838360
0.75000 -0.157145 -0.135824 -0.104104
-6.48E-06 -0.083917 -2.997638
1.00000 -0.157145 -0.106160 -0.104104
-6.48E-06 -0.175908 -3.211500

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.286644 11.354204 0.110800
0.001469 0.294249 20.154915
0.25000 0.286644 33.674638 0.110800
0.001469 0.162690 76.800960
0.50000 0.286644 62.996389 0.110800
0.001469 0.062647 98.416446
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4345

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.286644 90.514406 0.110800
0.001469 0.210896 71.762265
1.00000 0.286644 119.937374 0.110800
0.001469 0.404204 17.180853

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.256911 -118.855737 -0.163818
-6.00E-05 -0.438263 -82.542014
0.25000 -0.256911 -89.788905 -0.163818
-6.00E-05 -0.234641 -32.396171
0.50000 -0.256911 -62.224406 -0.163818
-6.00E-05 -0.030582 -31.913606
0.75000 -0.256911 -32.962257 -0.163818
-6.00E-05 -0.148992 -31.913612
1.00000 -0.256911 -10.906771 -0.163818
-6.00E-05 -0.283407 -82.863586

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.282732 8.458074 0.153200
0.001275 0.390170 18.987900
0.25000 0.282732 23.653692 0.153200
0.001275 0.204001 56.814773
0.50000 0.282732 43.615763 0.153200
0.001275 0.056004 70.922000
0.75000 0.282732 62.349925 0.153200
0.001275 0.297299 52.404063
1.00000 0.282732 82.380844 0.153200
0.001275 0.578239 15.046210

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.315424 -81.036233 -0.231945
-0.000436 -0.594619 -58.910902
0.25000 -0.315424 -61.247709 -0.231945
-0.000436 -0.306528 -24.910281
0.50000 -0.315424 -42.481964 -0.231945
-0.000436 -0.045784 -24.667292
0.75000 -0.315424 -22.560468 -0.231945
-0.000436 -0.201790 -24.859411
1.00000 -0.315424 -7.545226 -0.231945
-0.000436 -0.390073 -59.684626

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.266982 7.263453 0.198064
0.001063 0.495316 17.354585
0.25000 0.266982 19.872582 0.198064
0.001063 0.252655 48.466079
0.50000 0.266982 36.436854 0.198064
0.001063 0.051195 59.948336
0.75000 0.266982 51.982223 0.198064
0.001063 0.374347 44.416476
1.00000 0.266982 68.603623 0.198064
0.001063 0.731208 13.318963

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.330445 -67.300903 -0.292011
-0.000782 -0.737036 -50.195944
0.25000 -0.330445 -50.880638 -0.292011
-0.000782 -0.374264 -22.006662
0.50000 -0.330445 -35.309062 -0.292011
-0.000782 -0.042927 -21.829117
0.75000 -0.330445 -18.778450 -0.292011
-0.000782 -0.260357 -22.013122
1.00000 -0.330445 -6.319003 -0.292011
-0.000782 -0.504869 -50.935230

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.114158 9.173525 0.044377
0.000169 0.114324 14.289025
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4346

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.114158 27.853717 0.044377
0.000169 0.064289 62.056236
0.50000 0.114158 52.393379 0.044377
0.000169 0.046930 80.481847
0.75000 0.114158 75.423555 0.044377
0.000169 0.109798 58.426531
1.00000 0.114158 100.047852 0.044377
0.000169 0.196417 12.915204

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117183	-99.490284	-0.076761
-0.000205	-0.208643	-67.555414	
0.25000	-0.117183	-75.163965	-0.076761
-0.000205	-0.113378	-25.479507	
0.50000	-0.117183	-52.094964	-0.076761
-0.000205	-0.040872	-24.901492	
0.75000	-0.117183	-27.605182	-0.076761
-0.000205	-0.075602	-24.858185	
1.00000	-0.117183	-9.146729	-0.076761
-0.000205	-0.128148	-67.390059	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137719	8.969374	0.117716
7.00E-05	0.289979	16.557409	
0.25000	0.137719	26.356322	0.117716
7.00E-05	0.148486	60.516331	
0.50000	0.137719	49.197085	0.117716
7.00E-05	0.052810	77.246192	
0.75000	0.137719	70.632864	0.117716
7.00E-05	0.251339	56.457658	
1.00000	0.137719	93.552402	0.117716
7.00E-05	0.474504	13.995015	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.208752	-92.621175	-0.186329
-0.000688	-0.474054	-64.850432	
0.25000	-0.208752	-69.978986	-0.186329
-0.000688	-0.336718	-25.760218	
0.50000	-0.208752	-48.507069	-0.186329
-0.000688	-0.045155	-25.295385	
0.75000	-0.208752	-25.712734	-0.186329
-0.000688	-0.171584	-25.328253	
1.00000	-0.208752	-8.532174	-0.186329
-0.000688	-0.315695	-64.988587	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233723	7.230796	0.152063
0.000908	0.381630	17.380162	
0.25000	0.233723	19.538168	0.152063
0.000908	0.196164	47.655424	
0.50000	0.233723	35.706030	0.152063
0.000908	0.050406	58.871819	
0.75000	0.233723	50.879373	0.152063
0.000908	0.294627	43.800770	
1.00000	0.233723	67.102997	0.152063
0.000908	0.572748	13.584313	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.304626	-65.805048	-0.228681
-0.000624	-0.580041	-48.633794	
0.25000	-0.304626	-49.777747	-0.228681
-0.000624	-0.296133	-21.127896	
0.50000	-0.304626	-34.578824	-0.228681
-0.000624	-0.040630	-20.963518	
0.75000	-0.304626	-18.443825	-0.228681
-0.000624	-0.201599	-20.511430	
1.00000	-0.304626	-6.282544	-0.228681
-0.000624	-0.388926	-49.389692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4347
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243316	6.221806	0.201656
0.000757	0.499426	15.784620	
0.25000	0.243316	16.531835	0.201656
0.000757	0.251728	40.969159	
0.50000	0.243316	30.075841	0.201656
0.000757	0.046116	50.191172	
0.75000	0.243316	42.786726	0.201656
0.000757	0.377499	37.397587	
1.00000	0.243316	56.377444	0.201656
0.000757	0.737648	11.912323	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.317663	-55.171226	-0.293858
-0.000921	-0.736724	-41.981589	
0.25000	-0.317663	-41.744969	-0.293858
-0.000921	-0.371790	-18.949235	
0.50000	-0.317663	-29.012655	-0.293858
-0.000921	-0.038818	-18.821541	
0.75000	-0.317663	-15.496179	-0.293858
-0.000921	-0.266089	-18.989674	
1.00000	-0.317663	-5.308533	-0.293858
-0.000921	-0.515390	-42.655912	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090770	0.27221	0.117023
5.11E-07	0.283495	1.886535	
0.25000	0.090770	0.296166	0.117023
5.11E-07	0.138030	1.658378	
0.50000	0.090770	0.327627	0.117023
5.11E-07	0.005873	1.409871	
0.75000	0.090770	0.357153	0.117023
5.11E-07	0.232255	1.139690	
1.00000	0.090770	0.388722	0.117023
5.11E-07	0.402825	0.871169	

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.126245	-0.207987	-0.159995
-0.000619	-0.392800	-1.995268	
0.25000	-0.126245	-0.176800	-0.159995
-0.000619	-0.193933	-1.949242	
0.50000	-0.126245	-0.147224	-0.159995
-0.000619	-0.007447	-1.957457	
0.75000	-0.126245	-0.115827	-0.159995
-0.000619	-0.153009	-1.966998	
1.00000	-0.126245	-0.092162	-0.159995
-0.000619	-0.298458	-2.031711	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.120646	0.953868	0.192323
3.29E-06	0.465598	4.545748	
0.25000	0.120646	1.672337	0.192323
3.29E-06	0.226695	5.698960	
0.50000	0.120646	2.616170	0.192323
3.29E-06	0.013688	5.836161	
0.75000	0.120646	3.501946	0.192323
3.29E-06	0.343781	4.553031	
1.00000	0.120646	4.449034	0.192323
3.29E-06	0.676480	2.564655	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.218436	-3.981979	-0.268028
-0.001107	-0.657345	-6.011228	
0.25000	-0.218436	-3.046351	-0.268028
-0.001107	-0.324252	-4.440607	
0.50000	-0.218436	-2.159082	-0.268028
-0.001107	-0.014571	-4.467092	
0.75000	-0.218436	-1.217167	-0.268028
-0.001107	-0.252655	-4.514998	
1.00000	-0.218436	-0.507227	-0.268028
-0.001107	-0.491627	-6.200800	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4348
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.163632	1.621893	0.212853
4.95E-06	0.513060	8.207190	
0.25000	0.163632	2.764259	0.212853
4.95E-06	0.248821	10.027546	
0.50000	0.163632	4.264954	0.212853
4.95E-06	0.023004	10.246030	
0.75000	0.163632	5.673337	0.212853
4.95E-06	0.399384	8.275353	
1.00000	0.163632	7.179208	0.212853
4.95E-06	0.783554	5.114504	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.282160	-6.338657	-0.309889
-0.001259	-0.759364	-8.941824	
0.25000	-0.282160	-4.851009	-0.309889
-0.001259	-0.374410	-6.503001	
0.50000	-0.282160	-3.440251	-0.309889
-0.001259	-0.020369	-6.603244	
0.75000	-0.282160	-1.942606	-0.309889
-0.001259	-0.282146	-6.736978	
1.00000	-0.282160	-0.813801	-0.309889
-0.001259	-0.546736	-9.474671	

COMB DB-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.238162	6.984427	0.210889
0.000511	0.519848	16.133936	
0.25000	0.238162	19.162476	0.210889
0.000511	0.261071	46.247874	
0.50000	0.238162	35.160448	0.210889
0.000511	0.048564	57.419054	
0.75000	0.238162	50.174351	0.210889
0.000511	0.395877	42.481397	
1.00000	0.238162	66.227498	0.210889
0.000511	0.770012	12.468955	

COMB DB-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.321092	-65.106444	-0.305848
-0.001043	-0.766337	-48.383117	
0.25000	-0.321092	-49.247555	-0.305848
-0.001043	-0.386420	-21.095654	
0.50000	-0.321092	-34.208347	-0.305848
-0.001043	-0.042195	-20.862942	
0.75000	-0.321092	-18.242887	-0.305848
-0.001043	-0.283337	-20.979486	
1.00000	-0.321092	-6.209395	-0.305848
-0.001043	-0.543778	-48.851909	

COMB DL-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.211990	0.824682	0.082771
0.001195	0.216606	4.671696	
0.25000	0.211990	0.833029	0.082771
0.001195	0.113644	4.055582	
0.50000	0.211990	0.852288	0.082771
0.001195	0.011351	3.642026	
0.75000	0.211990	0.873222	0.082771
0.001195	0.163840	3.336648	
1.00000	0.211990	0.891532	0.082771
0.001195	0.337157	3.141651	

COMB DL-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.348372	-0.260954	-0.139481
-5.33E-06	-0.356507	-3.177844	
0.25000	-0.348372	-0.242552	-0.139481
-5.33E-06	-0.182748	-3.236919	
0.50000	-0.348372	-0.221599	-0.139481
-5.33E-06	-0.009832	-3.554276	
0.75000	-0.348372	-0.202397	-0.139481
-5.33E-06	-0.093932	-3.971743	
1.00000	-0.348372	-0.194443	-0.139481
-5.33E-06	-0.196396	-4.515107	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4349
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.447785	13.278089	0.132715
0.001452	0.345911	19.015000	
0.25000	0.447785	26.567625	0.132715
0.001452	0.197160	57.569297	
0.50000	0.447785	57.227066	0.132715
0.001452	0.066316	78.971954	
0.75000	0.447785	90.553902	0.132715
0.001452	0.282311	55.176026	
1.00000	0.447785	119.704055	0.132715
0.001452	0.540940	15.430288	

COMB DL-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.478040	-118.321258	-0.220472
-4.90E-05	-0.581327	-74.904128	
0.25000	-0.478040	-89.024051	-0.220472
-4.90E-05	-0.309201	-30.829671	
0.50000	-0.478040	-55.668162	-0.220472
-4.90E-05	-0.047889	-30.753871	
0.75000	-0.478040	-25.098075	-0.220472
-4.90E-05	-0.180828	-31.022814	
1.00000	-0.478040	-12.434622	-0.220472
-4.90E-05	-0.345191	-76.751000	

COMB DL-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.444030	10.271443	0.210165
0.001235	0.526933	18.675672	
0.25000	0.444030	19.707681	0.210165
0.001235	0.277562	45.349626	
0.50000	0.444030	41.477425	0.210165
0.001235	0.061187	60.041980	
0.75000	0.444030	65.141153	0.210165
0.001235	0.426710	42.847832	
1.00000	0.444030	85.839227	0.210165
0.001235	0.830616	14.487484	

COMB DL-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514312	-84.229703	-0.333392
-0.000355	-0.845146	-56.558774	
0.25000	-0.514312	-63.427214	-0.333392
-0.000355	-0.430987	-25.284157	
0.50000	-0.514312	-39.742856	-0.333392
-0.000355	-0.045570	-25.431650	
0.75000	-0.514312	-18.036558	-0.333392
-0.000355	-0.279498	-25.990631	
1.00000	-0.514312	-9.044871	-0.333392
-0.000355	-0.539984	-58.938776	

COMB DL-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.424073	8.821493	0.279159
0.001029	0.691453	17.550905	
0.25000	0.424073	16.653721	0.279159
0.001029	0.354408	39.405079	
0.50000	0.424073	34.722955	0.279159
0.001029	0.056727	51.351172	
0.75000	0.424073	54.364226	0.279159
0.001029	0.534721	36.937180	
1.00000	0.424073	71.543957	0.279159
0.001029	1.045826	13.311354	

COMB DL-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535521	-70.008919	-0.417830
-0.000696	-1.046296	-48.587799	
0.25000	-0.535521	-52.742521	-0.417830
-0.000696	-0.526711	-22.578416	
0.50000	-0.535521	-33.084127	-0.417830
-0.000696	-0.043901	-22.689673	
0.75000	-0.535521	-15.067554	-0.417830
-0.000696	-0.368560	-23.218961	
1.00000	-0.535521	-7.604311	-0.417830
-0.000696	-0.714893	-50.682003	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4350
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.252120	9.092365	0.066867
0.000160	0.164332	11.882711	
0.25000	0.252120	18.408397	0.066867
0.000160	0.092196	39.071899	
0.50000	0.252120	39.900819	0.066867
0.000160	0.043608	54.146408	
0.75000	0.252120	63.263098	0.066867
0.000160	0.148619	37.644207	
1.00000	0.252120	83.697502	0.066867
0.000160	0.268719	9.944493	

COMB DL-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154323	-82.979894	-0.105295
-0.000171	-0.272119	-51.334140	
0.25000	-0.154323	-62.442405	-0.105295
-0.000171	-0.142435	-20.380598	
0.50000	-0.154323	-39.059759	-0.105295
-0.000171	-0.030407	-20.167492	
0.75000	-0.154323	-17.629274	-0.105295
-0.000171	-0.105974	-20.180303	
1.00000	-0.154323	-8.752830	-0.105295
-0.000171	-0.188760	-52.025784	

COMB DL-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.260598	9.177257	0.182727
5.58E-05	0.443011	14.818746	
0.25000	0.260598	18.067555	0.182727
5.58E-05	0.227103	40.324801	
0.50000	0.260598	38.577797	0.182727
5.58E-05	0.051147	54.317583	
0.75000	0.260598	60.872445	0.182727
5.58E-05	0.363997	38.352764	
1.00000	0.260598	80.373019	0.182727
5.58E-05	0.692793	11.753070	

COMB DL-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.258437	-79.276574	-0.272404
-0.000589	-0.677738	-51.492440	
0.25000	-0.258437	-59.677626	-0.272404
-0.000589	-0.339207	-21.026926	
0.50000	-0.258437	-37.363542	-0.272404
-0.000589	-0.038006	-21.786968	
0.75000	-0.258437	-16.913075	-0.272404
-0.000589	-0.258050	-21.999346	
1.00000	-0.258437	-8.441607	-0.272404
-0.000589	-0.485118	-52.675575	

COMB DL-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.394368	7.093621	0.216930
0.000878	0.535933	15.778055	
0.25000	0.394368	12.210063	0.216930
0.000878	0.274613	31.425140	
0.50000	0.394368	26.199832	0.216930
0.000878	0.048727	39.879974	
0.75000	0.394368	40.688213	0.216930
0.000878	0.427245	29.241639	
1.00000	0.394368	53.360840	0.216930
0.000878	0.835774	11.962881	

COMB DL-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.426563	-51.900119	-0.333498
-0.000536	-0.832493	-37.214530	
0.25000	-0.426563	-39.163564	-0.333498
-0.000536	-0.418007	-18.272662	
0.50000	-0.426563	-24.662552	-0.333498
-0.000536	-0.036992	-18.708532	
0.75000	-0.426563	-11.372629	-0.333498
-0.000536	-0.286458	-19.239593	
1.00000	-0.426563	-5.867368	-0.333498
-0.000536	-0.556045	-39.779895	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4351
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.412741	6.174584	0.295505
0.000731	0.725528	15.031382	
0.25000	0.412741	11.020423	0.295505
0.000731	0.365219	27.923735	
0.50000	0.412741	22.199949	0.295505
0.000731	0.046312	34.808141	
0.75000	0.412741	34.352102	0.295505
0.000731	0.546303	25.736663	
1.00000	0.412741	44.981288	0.295505
0.000731	1.072127	11.127463	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.452265	-43.605470	-0.426831
-0.000838	-1.057954	-32.820441	
0.25000	-0.452265	-32.922664	-0.426831
-0.000838	-0.526900	-16.864879	
0.50000	-0.452265	-20.759916	-0.426831
-0.000838	-0.036937	-17.189992	
0.75000	-0.452265	-9.612972	-0.426831
-0.000838	-0.387954	-17.718399	
1.00000	-0.452265	-4.995425	-0.426831
-0.000838	-0.755233	-34.977514	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171261	0.363540	0.181408
3.02E-07	0.441159	2.763778	
0.25000	0.171261	0.371887	0.181408
3.02E-07	0.215552	2.430600	
0.50000	0.171261	0.391146	0.181408
3.02E-07	0.008372	2.126204	
0.75000	0.171261	0.412080	0.181408
3.02E-07	0.294323	1.899901	
1.00000	0.171261	0.430390	0.181408
3.02E-07	0.581552	1.710741	

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161606	-0.207315	-0.230710
-0.000620	-0.564184	-2.566917	
0.25000	-0.161606	-0.188913	-0.230710
-0.000620	-0.276719	-2.429771	
0.50000	-0.161606	-0.167960	-0.230710
-0.000620	-0.009267	-2.361555	
0.75000	-0.161606	-0.148758	-0.230710
-0.000620	-0.235162	-2.414753	
1.00000	-0.161606	-0.130644	-0.230710
-0.000620	-0.460775	-2.545143	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210563	1.040994	0.295362
1.97E-06	0.717005	5.730763	
0.25000	0.210563	1.316468	0.295362
1.97E-06	0.349935	5.795198	
0.50000	0.210563	1.951996	0.295362
1.97E-06	0.017265	5.614522	
0.75000	0.210563	2.642817	0.295362
1.97E-06	0.499422	4.753721	
1.00000	0.210563	3.247060	0.295362
1.97E-06	0.984962	3.687620	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.293997	-2.723267	-0.390058
-0.001080	-0.953241	-6.071836	
0.25000	-0.293997	-2.115975	-0.390058
-0.001080	-0.467500	-5.013525	
0.50000	-0.293997	-1.424553	-0.390058
-0.001080	-0.017361	-4.956938	
0.75000	-0.293997	-0.790876	-0.390058
-0.001080	-0.384922	-5.129514	
1.00000	-0.293997	-0.526380	-0.390058
-0.001080	-0.752249	-6.344100	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4352
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308748	1.379681	0.332287
2.75E-06	0.802465	8.818296	
0.25000	0.308748	1.387194	0.332287
2.75E-06	0.389621	7.614893	
0.50000	0.308748	1.404526	0.332287
2.75E-06	0.025069	6.640896	
0.75000	0.308748	1.423367	0.332287
2.75E-06	0.584595	6.123565	
1.00000	0.308748	1.439846	0.332287
2.75E-06	1.150475	5.868944	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.351137	-0.526897	-0.454264
-0.001170	-1.105712	-6.433272	
0.25000	-0.351137	-0.510334	-0.454264
-0.001170	-0.539145	-6.290218	
0.50000	-0.351137	-0.491477	-0.454264
-0.001170	-0.023040	-6.399202	
0.75000	-0.351137	-0.474195	-0.454264
-0.001170	-0.436048	-6.576670	
1.00000	-0.351137	-0.467036	-0.454264
-0.001170	-0.849483	-7.464026	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.438734	6.467649	0.317998
0.000475	0.777138	14.935776	
0.25000	0.438734	11.726699	0.317998
0.000475	0.388782	29.117684	
0.50000	0.438734	23.859517	0.317998
0.000475	0.070708	36.706302	
0.75000	0.438734	37.047901	0.317998
0.000475	0.573603	26.952770	
1.00000	0.438734	48.583452	0.317998
0.000475	1.122194	11.133155	

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430696	-47.295690	-0.445546
-0.000980	-1.101142	-35.034102	
0.25000	-0.430696	-35.701946	-0.445546
-0.000980	-0.546761	-17.520321	
0.50000	-0.430696	-22.502065	-0.445546
-0.000980	-0.037730	-17.643039	
0.75000	-0.430696	-10.404606	-0.445546
-0.000980	-0.420326	-18.086388	
1.00000	-0.430696	-5.393315	-0.445546
-0.000980	-0.815689	-36.580097	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.286644	11.354204	0.212853
0.001469	0.519848	20.154915	
0.25000	0.286644	33.674838	0.212853
0.001469	0.261071	76.800960	
0.50000	0.286644	62.996389	0.212853
0.001469	0.062647	98.408546	
0.75000	0.286644	90.514496	0.212853
0.001469	0.399384	71.762265	
1.00000	0.286644	119.937374	0.212853
0.001469	0.783554	17.180853	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.330445	-118.855737	-0.309889
-0.001259	-0.766337	-82.542014	
0.25000	-0.330445	-89.788905	-0.309889
-0.001259	-0.386420	-32.396171	
0.50000	-0.330445	-62.224406	-0.309889
-0.001259	-0.053582	-31.835306	
0.75000	-0.330445	-32.962257	-0.309889
-0.001259	-0.283337	-31.913612	
1.00000	-0.330445	-10.906771	-0.309889
-0.001259	-0.546736	-82.863586	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4353
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.447785	13.278089	0.332287

0.001452	0.802465	19.015000	
0.25000	0.447785	26.567625	0.332287
0.001452	0.389621	57.569297	
0.50000	0.447785	57.227066	0.332287
0.001452	0.066316	78.971954	
0.75000	0.447785	90.553902	0.332287
0.001452	0.584595	55.176026	
1.00000	0.447785	119.704055	0.332287
0.001452	1.150475	15.430288	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535521	-118.321258	-0.454264
-0.001170	-1.105712	-74.904128	
0.25000	-0.535521	-89.024051	-0.454264
-0.001170	-0.546761	-30.829671	
0.50000	-0.535521	-55.668162	-0.454264
-0.001170	-0.047889	-30.753871	
0.75000	-0.535521	-25.098075	-0.454264
-0.001170	-0.436048	-31.022814	
1.00000	-0.535521	-12.434622	-0.454264
-0.001170	-0.849483	-76.751000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.447785	13.278089	0.332287
0.001469	0.802465	20.154915	
0.25000	0.447785	33.674638	0.332287
0.001469	0.389621	76.800960	
0.50000	0.447785	62.996389	0.332287
0.001469	0.066316	98.408546	
0.75000	0.447785	90.553902	0.332287
0.001469	0.584595	71.762265	
1.00000	0.447785	119.937374	0.332287
0.001469	1.150475	17.180853	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535521	-118.855737	-0.454264
-0.001259	-1.105712	-82.542014	
0.25000	-0.535521	-89.788905	-0.454264
-0.001259	-0.546761	-32.396171	
0.50000	-0.535521	-62.224406	-0.454264
-0.001259	-0.053582	-31.835306	
0.75000	-0.535521	-32.962257	-0.454264
-0.001259	-0.436048	-31.913612	
1.00000	-0.535521	-12.434622	-0.454264
-0.001259	-0.849483	-82.863586	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.447785	13.278089	0.332287
0.001469	0.802465	20.154915	
0.25000	0.447785	33.674638	0.332287
0.001469	0.389621	76.800960	
0.50000	0.447785	62.996389	0.332287
0.001469	0.066316	98.408546	
0.75000	0.447785	90.553902	0.332287
0.001469	0.584595	71.762265	
1.00000	0.447785	119.937374	0.332287
0.001469	1.150475	17.180853	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.535521	-118.855737	-0.454264
-0.001259	-1.105712	-82.542014	
0.25000	-0.535521	-89.788905	-0.454264
-0.001259	-0.546761	-32.396171	
0.50000	-0.535521	-62.224406	-0.454264
-0.001259	-0.053582	-31.835306	
0.75000	-0.535521	-32.962257	-0.454264
-0.001259	-0.436048	-31.913612	
1.00000	-0.535521	-12.434622	-0.454264
-0.001259	-0.849483	-82.863586	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4354

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 421 ========== LENGTH = 4.972986

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043764	0.740871	0.058847
0.001168	0.151470	2.721264	
0.25000	0.043764	0.765679	0.058847
0.001168	0.078312	2.029401	
0.50000	0.043764	0.797914	0.058847
0.001168	0.005345	1.336573	
0.75000	0.043764	0.825179	0.058847
0.001168	0.098579	1.082258	
1.00000	0.043764	0.861134	0.058847
0.001168	0.207256	1.043251	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.216114	-0.207149	-0.087438
-8.41E-06	-0.227584	-3.188093	
0.25000	-0.216114	-0.176348	-0.087438
-8.41E-06	-0.118888	-3.241264	
0.50000	-0.216114	-0.146573	-0.087438
-8.41E-06	-0.011000	-3.340486	
0.75000	-0.216114	-0.114770	-0.087438
-8.41E-06	-0.068266	-3.441539	
1.00000	-0.216114	-0.093003	-0.087438
-8.41E-06	-0.141345	-3.603980	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221659	7.640447	0.091276
0.001418	0.247278	17.164451	
0.25000	0.221659	30.760875	0.091276
0.001418	0.137844	73.276490	
0.50000	0.221659	60.804662	0.091276
0.001418	0.048055	92.444515	
0.75000	0.221659	86.215358	0.091276
0.001418	0.166985	64.244769	
1.00000	0.221659	119.725079	0.091276
0.001418	0.334295	16.819312	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262356	-117.912314	-0.142978
-8.63E-05	-0.393644	-82.837173	
0.25000	-0.262356	-89.205352	-0.142978
-8.63E-05	-0.215948	-33.509189	
0.50000	-0.262356	-60.989040	-0.142978
-8.63E-05	-0.049577	-27.088589	
0.75000	-0.262356	-31.815039	-0.142978
-8.63E-05	-0.119410	-22.362167	
1.00000	-0.262356	-11.527978	-0.142978
-8.63E-05	-0.228729	-74.849187	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.229403	6.033734	0.147534
0.001257	0.377432	15.055572	
0.25000	0.229403	21.773983	0.147534
0.001257	0.196811	52.356330	
0.50000	0.229403	42.227613	0.147534
0.001257	0.036866	64.611889	
0.75000	0.229403	59.527062	0.147534
0.001257	0.255365	44.811409	
1.00000	0.229403	82.340279	0.147534
0.001257	0.516404	12.389433	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.295662	-80.305954	-0.215767
-0.000524	-0.568572	-59.677235	
0.25000	-0.295662	-60.762427	-0.215767
-0.000524	-0.300366	-26.133353	
0.50000	-0.295662	-41.552932	-0.215767
-0.000524	-0.042587	-21.800720	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4355

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.295662	-21.691446	-0.215767
-0.000524	-0.190612	-18.621985	
1.00000	-0.295662	-7.880138	-0.215767
-0.000524	-0.371229	-54.393796	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233274	5.282602	0.202813
0.001048	0.510795	13.353037	
0.25000	0.233274	18.343659	0.202813
0.001048	0.260962	44.043126	
0.50000	0.233274	35.315820	0.202813
0.001048	0.031889	54.170868	
0.75000	0.233274	49.670822	0.202813
0.001048	0.333897	37.737577	
1.00000	0.233274	68.600798	0.202813
0.001048	0.675414	10.814283	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.336381	-66.679539	-0.279529
-0.000863	-0.724641	-50.950337	
0.25000	-0.336381	-50.462570	-0.279529
-0.000863	-0.377170	-23.074920	
0.50000	-0.336381	-34.522776	-0.279529
-0.000863	-0.030017	-19.438922	
0.75000	-0.336381	-18.041969	-0.279529
-0.000863	-0.260431	-16.760852	
1.00000	-0.336381	-6.581522	-0.279529
-0.000863	-0.510237	-46.403924	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198918	6.016471	0.048479
5.19E-05	0.129809	12.928513	
0.25000	0.198918	25.366186	0.048479
5.19E-05	0.072966	60.316648	
0.50000	0.198918	50.510128	0.048479
5.19E-05	0.036505	76.770462	
0.75000	0.198918	71.776590	0.048479
5.19E-05	0.095172	53.445091	
1.00000	0.198918	99.821207	0.048479
5.19E-05	0.182043	13.651084	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024147	-98.696610	-0.076899
-0.000256	0.214632	-67.394926	
0.25000	-0.024147	-74.671471	-0.076899
-0.000256	-0.119220	-26.019503	
0.50000	-0.024147	-51.056961	-0.076899
-0.000256	-0.033711	-20.553605	
0.75000	-0.024147	-26.640951	-0.076899
-0.000256	-0.073076	-16.505687	
1.00000	-0.024147	-9.662510	-0.076899
-0.000256	-0.129859	-60.340311	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210007	6.125921	0.134153
4.83E-05	0.337669	14.036641	
0.25000	0.210007	24.136040	0.134153
4.83E-05	0.174031	57.492371	
0.50000	0.210007	47.539248	0.134153
4.83E-05	0.035716	72.348098	
0.75000	0.210007	67.333416	0.134153
4.83E-05	0.231591	50.325576	
1.00000	0.210007	93.436483	0.134153
4.83E-05	0.458786	13.152823	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.146391	-91.812300	-0.189305
-0.000798	-0.496158	-65.015362	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4356

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.146391	-69.450439	-0.189305
-0.000798	-0.260872	-26.501570	
0.50000	-0.146391	-47.470780	-0.189305
-0.000798	-0.036864	-21.411920	
0.75000	-0.146391	-24.745109	-0.189305
-0.000798	-0.183109	-17.043136	
1.00000	-0.146391	-8.942099	-0.189305
-0.000798	-0.346673	-58.442532	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.254289	5.315917	0.154836
0.000886	0.391923	13.610675	
0.25000	0.254289	18.064402	0.154836
0.000886	0.201645	43.402759	
0.50000	0.254289	34.630392	0.154836
0.000886	0.031730	53.209095	
0.75000	0.254289	48.641719	0.154836
0.000886	0.259871	37.158677	
1.00000	0.254289	67.118806	0.154836
0.000886	0.525060	10.632660	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262637	-65.162140	-0.217987
-0.000724	-0.568679	-49.400190	
0.25000	-0.262637	-49.333270	-0.217987
-0.000724	-0.297741	-22.209932	
0.50000	-0.262637	-33.774941	-0.217987
-0.000724	-0.036746	-18.679133	
0.75000	-0.262637	-17.688547	-0.217987
-0.000724	-0.200110	-16.083536	
1.00000	-0.262637	-6.502366	-0.217987
-0.000724	-0.390304	-45.035709	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.273968	4.600984	0.213661
0.000738	0.535119	11.962679	
0.25000	0.273968	15.280538	0.213661
0.000738	0.271340	36.870474	
0.50000	0.273968	29.158059	0.213661
0.000738	0.027812	45.084123	
0.75000	0.273968	40.895511	0.213661
0.000738	0.342548	31.627059	
1.00000	0.273968	56.373982	0.213661
0.000738	0.692481	9.409155	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.274076	-54.641475	-0.285384
-0.000995	-0.734888	-42.687624	
0.25000	-0.274076	-41.381446	-0.285384
-0.000995	-0.380184	-19.840390	
0.50000	-0.274076	-28.348054	-0.285384
-0.000995	-0.034166	-16.813349	
0.75000	-0.274076	-14.872294	-0.285384
-0.000995	-0.273925	-14.569658	
1.00000	-0.274076	-5.501501	-0.285384
-0.000995	-0.537632	-38.753821	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.120049	0.233001	0.131912
4.68E-07	0.325337	0.897639	
0.25000	0.120049	0.257809	0.131912
4.68E-07	0.161342	0.904615	
0.50000	0.120049	0.290045	0.131912
4.68E-07	0.002092	0.900269	
0.75000	0.120049	0.317309	0.131912
4.68E-07	0.194407	0.856444	
1.00000	0.120049	0.353264	0.131912
4.68E-07	0.441233	0.791533	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4357

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073616	-0.243734	-0.160088
-0.000589	-0.402714	-2.067499	
0.25000	-0.073616	-0.212933	-0.160088
-0.000589	-0.203719	-1.884740	
0.50000	-0.073616	-0.182658	-0.160088
-0.000589	-0.004263	-1.748811	
0.75000	-0.073616	-0.151355	-0.160088
-0.000589	-0.166689	-1.616379	
1.00000	-0.073616	-0.129588	-0.160088
-0.000589	-0.330684	-1.547015	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152697	0.881226	0.217652
2.38E-06	0.535881	2.633564	
0.25000	0.152697	1.625446	0.217652
2.38E-06	0.375421	3.916643	
0.50000	0.152697	2.592521	0.217652
2.38E-06	0.004825	4.354280	
0.75000	0.152697	3.410461	0.217652
2.38E-06	0.327926	3.444216	
1.00000	0.152697	4.489101	0.217652
2.38E-06	0.663099	1.896767	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.207724	-3.950384	-0.269920
-0.001110	-0.679842	-6.258480	
0.25000	-0.207724	-3.026340	-0.269920
-0.001110	-0.344290	-4.516441	
0.50000	-0.207724	-2.118090	-0.269920
-0.001110	-0.010711	-4.156453	
0.75000	-0.207724	-1.179013	-0.269920
-0.001110	-0.276754	-3.854094	
1.00000	-0.207724	-0.525996	-0.269920
-0.001110	-0.547199	-5.395695	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233296	1.515966	0.245452
3.51E-06	0.601596	5.195869	
0.25000	0.233296	2.702276	0.245452
3.51E-06	0.296657	7.040555	
0.50000	0.233296	4.239924	0.245452
3.51E-06	0.008100	7.316263	
0.75000	0.233296	5.540450	0.245452
3.51E-06	0.280669	5.391089	
1.00000	0.233296	7.255487	0.245452
3.51E-06	0.769696	2.761110	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192108	-6.222684	-0.313480
-0.001333	-0.790669	-9.536987	
0.25000	-0.192108	-4.753454	-0.313480
-0.001333	-0.401008	-6.885349	
0.50000	-0.192108	-3.309336	-0.313480
-0.001333	-0.015756	-6.430357	
0.75000	-0.192108	-1.816203	-0.313480
-0.001333	-0.315265	-6.064841	
1.00000	-0.192108	-0.777906	-0.313480
-0.001333	-0.620238	-8.629046	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.326320	5.007772	0.229551
0.000486	0.574224	12.531771	
0.25000	0.326320	17.622297	0.229551
0.000486	0.291034	42.442700	
0.50000	0.326320	34.014213	0.229551
0.000486	0.030339	52.485769	
0.75000	0.326320	47.878311	0.229551
0.000486	0.363373	36.835649	
1.00000	0.326320	66.161243	0.229551
0.000486	0.731803	10.748643	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4358

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.234414	-64.552222	-0.300975
-0.001103	-0.774518	-48.896053	
0.25000	-0.234414	-48.889679	-0.300975
-0.001103	-0.400379	-21.849164	
0.50000	-0.234414	-33.494836	-0.300975
-0.001103	-0.035522	-18.213041	
0.75000	-0.234414	-17.577475	-0.300975
-0.001103	-0.296295	-15.503517	
1.00000	-0.234414	-6.508838	-0.300975
-0.001103	-0.579374	-44.010971	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057563	0.912903	0.068072
0.001237	0.173281	3.123571	
0.25000	0.057563	0.924059	0.068072
0.001237	0.088842	2.667291	
0.50000	0.057563	0.943805	0.068072
0.001237	0.007706	2.314926	
0.75000	0.057563	0.964784	0.068072
0.001237	0.128475	2.074053	
1.00000	0.057563	0.982215	0.068072
0.001237	0.272444	2.049515	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.428306	-0.188117	-0.115427
-6.66E-06	-0.301096	-4.482714	
0.25000	-0.428306	-0.169252	-0.115427
-6.66E-06	-0.157207	-4.964388	
0.50000	-0.428306	-0.147952	-0.115427
-6.66E-06	-0.017871	-5.563252	
0.75000	-0.428306	-0.128893	-0.115427
-6.66E-06	-0.081039	-6.265736	
1.00000	-0.428306	-0.122092	-0.115427
-6.66E-06	-0.165660	-7.110961	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.380984	8.518934	0.113532
0.001437	0.307603	15.411499	
0.25000	0.380984	26.278400	0.113532
0.001437	0.171186	55.148577	
0.50000	0.380984	57.714346	0.113532
0.001437	0.054386	74.815984	
0.75000	0.380984	91.113743	0.113532
0.001437	0.229975	49.542393	
1.00000	0.380984	118.864278	0.113532
0.001437	0.452302	14.973836	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.461994	-117.892772	-0.193949
-5.83E-05	-0.523304	-76.707643	
0.25000	-0.461994	-87.859175	-0.193949
-5.83E-05	-0.228241	-33.784184	
0.50000	-0.461994	-53.948937	-0.193949
-5.83E-05	-0.056646	-28.535989	
0.75000	-0.461994	-23.606994	-0.193949
-5.83E-05	-0.152802	-24.602309	
1.00000	-0.461994	-12.779640	-0.193949
-5.83E-05	-0.293427	-72.078022	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.381272	6.949058	0.209720
0.001296	0.534854	14.489159	
0.25000	0.381272	19.559171	0.209720
0.001296	0.277467	42.146136	
0.50000	0.381272	41.880273	0.209720
0.001296	0.045605	55.675703	
0.75000	0.381272	65.595523	0.209720
0.001296	0.376483	37.461231	
1.00000	0.381272	85.293798	0.209720
0.001296	0.756382	12.598518	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4359

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.472409	-83.776959	-0.315612
-0.000428	-0.820238	-58.902135	
0.25000	-0.472409	-62.451597	-0.315612
-0.000428	-0.427297	-28.834047	
0.50000	-0.472409	-38.373624	-0.315612
-0.000428	-0.054629	-25.616228	
0.75000	-0.472409	-16.829319	-0.315612
-0.000428	-0.273375	-23.435222	
1.00000	-0.472409	-9.141354	-0.315612
-0.000428	-0.533666	-57.885183	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.369426	6.085399	0.289833
0.001080	0.729765	13.337281	
0.25000	0.369426	16.551993	0.289833
0.001080	0.377206	36.077408	
0.50000	0.369426	35.078863	0.289833
0.001080	0.040164	47.177574	
0.75000	0.369426	54.762898	0.289833
0.001080	0.487113	32.027894	
1.00000	0.369426	71.117760	0.289833
0.001080	0.981437	11.592346	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.528035	-69.614692	-0.405703
-0.000772	-1.041378	-50.663843	
0.25000	-0.528035	-51.914301	-0.405703
-0.000772	-0.536071	-25.774422	
0.50000	-0.528035	-31.929200	-0.405703
-0.000772	-0.052919	-23.214731	
0.75000	-0.528035	-14.047084	-0.405703
-0.000772	-0.372913	-21.587628	
1.00000	-0.528035	-7.665951	-0.405703
-0.000772	-0.732882	-50.452003	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.363142	5.702180	0.073899
4.72E-05	0.194414	9.952150	
0.25000	0.363142	18.151635	0.073899
4.72E-05	0.105859	37.903050	
0.50000	0.363142	40.188391	0.073899
4.72E-05	0.035163	51.754304	
0.75000	0.363142	63.601536	0.073899
4.72E-05	0.141784	34.187230	
1.00000	0.363142	83.054801	0.073899
4.72E-05	0.263765	10.102365	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036455	-82.702287	-0.110116
-0.000208	-0.291888	-52.019530	
0.25000	-0.036455	-61.648585	-0.110116
-0.000208	-0.155182	-21.683801	
0.50000	-0.036455	-37.877338	-0.110116
-0.000208	-0.031550	-17.731464	
0.75000	-0.036455	-16.807483	-0.110116
-0.000208	-0.106670	-14.648564	
1.00000	-0.036455	-9.017454	-0.110116
-0.000208	-0.198176	-47.584037	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353949	6.004592	0.206389
4.50E-05	0.518284	11.785793	
0.25000	0.353949	17.885139	0.206389
4.50E-05	0.264597	38.092733	
0.50000	0.353949	38.914839	0.206389
4.50E-05	0.037499	51.029090	
0.75000	0.353949	61.258029	0.206389
4.50E-05	0.349626	34.029855	
1.00000	0.353949	79.822300	0.206389
4.50E-05	0.689091	10.894765	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4360

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

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REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.182385   -78.874702   -0.282757
-0.000698   -0.724249   -52.676357
0.25000   -0.182385   -58.783131   -0.282757
-0.000698   -0.372175   -23.973970
0.50000   -0.182385   -36.098204   -0.282757
-0.000698   -0.040667   -20.514715
0.75000   -0.182385   -15.800359   -0.282757
-0.000698   -0.275435   -18.000541
1.00000   -0.182385   -8.557186   -0.282757
-0.000698   -0.531879   -49.972071

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.438131    5.084114    0.226201
0.000895    0.569187   11.980722
0.25000    0.438131   12.804796    0.226201
0.000895    0.289956   28.345784
0.50000    0.438131   26.471139    0.226201
0.000895    0.034073   36.203212
0.75000    0.438131   40.991065    0.226201
0.000895    0.385033   25.045193
1.00000    0.438131   53.055222    0.226201
0.000895    0.779962   10.163549

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.361005   -51.513850   -0.323104
-0.000635   -0.830919   -39.755273
0.25000   -0.361005   -38.457159   -0.323104
-0.000635   -0.428083   -21.552162
0.50000   -0.361005   -23.715152   -0.323104
-0.000635   -0.045741   -20.018239
0.75000   -0.361005   -10.524413   -0.323104
-0.000635   -0.289634   -19.051025
1.00000   -0.361005   -5.817369   -0.323104
-0.000635   -0.571117   -40.664829

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.448494    4.469466    0.314329
0.000746    0.785875   11.169058
0.25000    0.448494   10.945200    0.314329
0.000746    0.396750   24.775314
0.50000    0.448494   22.407868    0.314329
0.000746    0.030901   31.306613
0.75000    0.448494   34.586480    0.314329
0.000746    0.505210   21.900972
1.00000    0.448494   44.705315    0.314329
0.000746    1.023125    9.411941

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.374007   -43.307250   -0.420805
-0.000914   -1.072185   -34.972774
0.25000   -0.374007   -32.355929   -0.420805
-0.000914   -0.547730   -19.700481
0.50000   -0.374007   -19.991046   -0.420805
-0.000914   -0.044127   -18.438762
0.75000   -0.374007   -8.927291   -0.420805
-0.000914   -0.399619   -17.686361
1.00000   -0.374007   -4.979252   -0.420805
-0.000914   -0.790350   -35.914617

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.193075    0.303298    0.198131
2.92E-07    0.490967    1.753349
0.25000    0.193075    0.314454    0.198131
2.92E-07    0.244895    1.639471
0.50000    0.193075    0.334200    0.198131
2.92E-07    0.003871    1.562409
0.75000    0.193075    0.355179    0.198131
2.92E-07    0.285748    1.502234
1.00000    0.193075    0.372611    0.198131
2.92E-07    0.578241    1.476292
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4361

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.086182   -0.279076   -0.234754
-0.000579   -0.588068   -2.572155
0.25000   -0.086182   -0.260211   -0.234754
-0.000579   -0.295741   -2.484919
0.50000   -0.086182   -0.238910   -0.234754
-0.000579   -0.003606   -2.461975
0.75000   -0.086182   -0.219851   -0.234754
-0.000579   -0.248150   -2.487112
1.00000   -0.086182   -0.213050   -0.234754
-0.000579   -0.494421   -2.590412

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.230297    0.941252    0.325572
1.64E-06    0.805104    3.756572
0.25000    0.230297    1.309382    0.325572
1.64E-06    0.400300    4.115991
0.50000    0.230297    1.961006    0.325572
1.64E-06    0.007457    4.203620
0.75000    0.230297    2.653330    0.325572
1.64E-06    0.484242    3.590130
1.00000    0.230297    3.228561    0.325572
1.64E-06    0.979552    2.886879

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.280718   -2.722389   -0.397888
-0.001104   -0.997875   -6.383496
0.25000   -0.280718   -2.098833   -0.397888
-0.001104   -0.502132   -5.562499
0.50000   -0.280718   -1.396920   -0.397888
-0.001104   -0.017886   -5.616458
0.75000   -0.280718   -0.767972   -0.397888
-0.001104   -0.410198   -5.847077
1.00000   -0.280718   -0.543536   -0.397888
-0.001104   -0.814896   -7.314644

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.372004    1.387400    0.373769
2.74E-06    0.919851    5.942106
0.25000    0.372004    1.397440    0.373769
2.74E-06    0.454644    5.100423
0.50000    0.372004    1.415211    0.373769
2.74E-06    0.011440    4.474105
0.75000    0.372004    1.434093    0.373769
2.74E-06    0.569020    4.208384
1.00000    0.372004    1.449781    0.373769
2.74E-06    1.151937    4.208666

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.240156   -0.416339   -0.467711
-0.001242   -1.171943   -7.495212
0.25000   -0.240156   -0.399361   -0.467711
-0.001242   -0.588843   -7.828976
0.50000   -0.240156   -0.380190   -0.467711
-0.001242   -0.025423   -8.348415
0.75000   -0.240156   -0.363037   -0.467711
-0.001242   -0.474067   -9.056642
1.00000   -0.240156   -0.356916   -0.467711
-0.001242   -0.939031   -10.042081

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.543198    4.569383    0.343195
0.000470    0.857248   11.187981
0.25000    0.543198   11.597312    0.343195
0.000470    0.432029   26.142189
0.50000    0.543198   24.037416    0.343195
0.000470    0.031424   33.357923
0.75000    0.543198   37.254514    0.343195
0.000470    0.539442   23.252330
1.00000    0.543198   48.236196    0.343195
0.000470    1.087462    9.725583
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4362

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.304512   -47.046285   -0.445843
-0.001030   -1.132694   -36.590374
0.25000   -0.304512   -35.161131   -0.445843
-0.001030   -0.577029   -19.390374
0.50000   -0.304512   -21.741878   -0.445843
-0.001030   -0.042627   -18.192761
0.75000   -0.304512   -9.734702   -0.445843
-0.001030   -0.437232   -17.129988
1.00000   -0.304512   -5.450009   -0.445843
-0.001030   -0.863690   -36.625636

COMB    DB ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.326320    7.640447    0.245452
0.001418    0.601596   17.164451
0.25000    0.326320   30.760875    0.245452
0.001418    0.296657   73.276490
0.50000    0.326320   60.804662    0.245452
0.001418    0.048055   92.444515
0.75000    0.326320   86.215358    0.245452
0.001418    0.380669   64.244769
1.00000    0.326320   119.725079    0.245452
0.001418    0.769696   16.819312

COMB    DB ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.336381   -117.912314   -0.313480
-0.001333   -0.790669   -82.837173
0.25000   -0.336381   -89.205352   -0.313480
-0.001333   -0.401008   -33.509189
0.50000   -0.336381   -60.989040   -0.313480
-0.001333   -0.049577   -27.088589
0.75000   -0.336381   -31.815039   -0.313480
-0.001333   -0.315265   -22.362167
1.00000   -0.336381   -11.527978   -0.313480
-0.001333   -0.620238   -74.849187

COMB    DL ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.543198    8.518934    0.373769
0.001437    0.919851   15.411499
0.25000    0.543198   26.278400    0.373769
0.001437    0.454644   55.148577
0.50000    0.543198   57.714346    0.373769
0.001437    0.054386   74.811984
0.75000    0.543198   91.113743    0.373769
0.001437    0.569020   49.542393
1.00000    0.543198   118.864278    0.373769
0.001437    1.151937   14.973836

COMB    DL ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.528035   -117.892772   -0.467711
-0.001242   -1.171943   -76.707643
0.25000   -0.528035   -87.859175   -0.467711
-0.001242   -0.588843   -33.784184
0.50000   -0.528035   -53.948937   -0.467711
-0.001242   -0.056646   -28.535989
0.75000   -0.528035   -23.606994   -0.467711
-0.001242   -0.474067   -24.602309
1.00000   -0.528035   -12.779640   -0.467711
-0.001242   -0.939031   -72.078022

COMB    CAR ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.543198    8.518934    0.373769
0.001437    0.919851   17.164451
0.25000    0.543198   30.760875    0.373769
0.001437    0.454644   73.276490
0.50000    0.543198   60.804662    0.373769
0.001437    0.054386   92.444515
0.75000    0.543198   91.113743    0.373769
0.001437    0.569020   64.244769
1.00000    0.543198   119.725079    0.373769
0.001437    1.151937   16.819312
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4363

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB    CAR ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.528035   -117.912314   -0.467711
-0.001333   -1.171943   -82.837173
0.25000   -0.528035   -89.205352   -0.467711
-0.001333   -0.588843   -33.784184
0.50000   -0.528035   -60.989040   -0.467711
-0.001333   -0.056646   -28.535989
0.75000   -0.528035   -31.815039   -0.467711
-0.001333   -0.474067   -24.602309
1.00000   -0.528035   -12.779640   -0.467711
-0.001333   -0.939031   -74.849187

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.543198    8.518934    0.373769
0.001437    0.919851   17.164451
0.25000    0.543198   30.760875    0.373769
0.001437    0.454644   73.276490
0.50000    0.543198   60.804662    0.373769
0.001437    0.054386   92.444515
0.75000    0.543198   91.113743    0.373769
0.001437    0.569020   64.244769
1.00000    0.543198   119.725079    0.373769
0.001437    1.151937   16.819312

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.528035   -117.912314   -0.467711
-0.001333   -1.171943   -82.837173
0.25000   -0.528035   -89.205352   -0.467711
-0.001333   -0.588843   -33.784184
0.50000   -0.528035   -60.989040   -0.467711
-0.001333   -0.056646   -28.535989
0.75000   -0.528035   -31.815039   -0.467711
-0.001333   -0.474067   -24.602309
1.00000   -0.528035   -12.779640   -0.467711
-0.001333   -0.939031   -74.849187

ELEM      422 ================== LENGTH
=    3.481014

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.023504    0.498236    0.113956
0.000990    0.195455    1.046165
0.25000    0.023504    0.523680    0.113956
0.000990    0.096361    1.048224
0.50000    0.023504    0.551076    0.113956
0.000990    0.002469    1.032101
0.75000    0.023504    0.579214    0.113956
0.000990    0.110602    0.992026
1.00000    0.023504    0.599156    0.113956
0.000990    0.231325    0.930707

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.274800   -0.313217   -0.138738
-0.000524   -0.251635   -3.583752
0.25000   -0.274800   -0.294013   -0.138738
-0.000524   -0.131067   -3.425661
0.50000   -0.274800   -0.268453   -0.138738
-0.000524   -0.011027   -3.299661
0.75000   -0.274800   -0.238213   -0.138738
-0.000524   -0.102599   -3.174126
1.00000   -0.274800   -0.215875   -0.138738
-0.000524   -0.201653   -3.085873

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.371187   12.215680    0.177196
0.001163    0.300635   16.824855
0.25000    0.371187   35.929134    0.177196
0.001163    0.160073   57.138228
0.50000    0.371187   61.462316    0.177196
0.001163    0.039720   69.870373
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4364

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
   T          M2          M3
0.75000    0.371187   87.686395    0.177196
0.001163    0.174982   53.500781
1.00000    0.371187   106.272869    0.177196
0.001163    0.350127   17.208262

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.292160   -108.851410   -0.225127
-0.000687   -0.438020   -74.824974
0.25000   -0.292160   -90.953291   -0.225127
-0.000687   -0.242177   -40.129041
0.50000   -0.292160   -67.131321   -0.225127
-0.000687   -0.061235   -34.338920
0.75000   -0.292160   -38.947527   -0.225127
-0.000687   -0.180541   -28.570674
1.00000   -0.292160   -18.128676   -0.225127
-0.000687   -0.334634   -52.950885

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.326661    9.010158    0.307415
0.001031    0.525516   12.399321
0.25000    0.326661   25.154134    0.307415
0.001031    0.267247   39.942423
0.50000    0.326661   42.536971    0.307415
0.001031    0.030069   48.627485
0.75000    0.326661   60.390166    0.307415
0.001031    0.290698   37.461541
1.00000    0.326661   73.043726    0.307415
0.001031    0.593245   12.729838

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.267591   -74.129515   -0.363901
-0.001009   -0.676597   -54.397531
0.25000   -0.267591   -61.943084   -0.363901
-0.001009   -0.359979   -30.782771
0.50000   -0.267591   -45.725230   -0.363901
-0.001009   -0.054176   -26.844135
0.75000   -0.267591   -26.537872   -0.363901
-0.001009   -0.403596   -22.907988
1.00000   -0.267591   -12.364523   -0.363901
-0.001009   -0.557151   -39.507941

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.317522    7.648323    0.426741
0.001034    0.734920   10.827783
0.25000    0.317522   21.044389    0.426741
0.001034    0.371229   33.673978
0.50000    0.317522   35.468445    0.426741
0.001034    0.026614   40.672012
0.75000    0.317522   50.282798    0.426741
0.001034    0.395429   31.597936
1.00000    0.317522   60.782561    0.426741
0.001034    0.807197   11.135865

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.402991   -61.785487   -0.486647
-0.001207   -0.889402   -46.435844
0.25000   -0.402991   -51.674587   -0.486647
-0.001207   -0.465954   -26.773903
0.50000   -0.402991   -38.217219   -0.486647
-0.001207   -0.051601   -23.445916
0.75000   -0.402991   -22.295794   -0.486647
-0.001207   -0.389616   -20.135305
1.00000   -0.402991   -10.534930   -0.486647
-0.001207   -0.760998   -33.849543

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.401027   10.096626    0.105874
7.12E-05    0.178968   13.656202
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4365

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P          V2          V3
   T          M2          M3
0.25000    0.401027   29.942650    0.105874
7.12E-05    0.098232   47.175243
0.50000    0.401027   51.311622    0.105874
7.12E-05    0.031889   57.893190
0.75000    0.401027   73.258812    0.105874
7.12E-05    0.101897   44.208114
1.00000    0.401027   88.814016    0.105874
7.12E-05    0.198245   13.846414

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.010778   -91.039103   -0.130650
-0.000248   -0.260284   -60.347005
0.25000   -0.010778   -76.059991   -0.130650
-0.000248   -0.146604   -31.443569
0.50000   -0.010778   -56.123149   -0.130650
-0.000248   -0.044820   -26.735043
0.75000   -0.010778   -32.535853   -0.130650
-0.000248   -0.112904   -22.049570
1.00000   -0.010778   -15.112351   -0.130650
-0.000248   -0.205044   -42.579632

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.368466    9.654340    0.294471
6.05E-05    0.505211   13.162453
0.25000    0.368466   28.126408    0.294471
6.05E-05    0.259500   44.701356
0.50000    0.368466   48.015990    0.294471
6.05E-05    0.031994   54.663050
0.75000    0.368466   68.443759    0.294471
6.05E-05    0.273518   41.911170
1.00000    0.368466   82.922064    0.294471
6.05E-05    0.550992   13.731274

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.152614   -84.923399   -0.337461
-0.000698   -0.627324   -58.481082
0.25000   -0.152614   -70.981303   -0.337461
-0.000698   -0.333698   -31.538409
0.50000   -0.152614   -52.424704   -0.337461
-0.000698   -0.051390   -27.114289
0.75000   -0.152614   -30.470375   -0.337461
-0.000698   -0.277895   -22.709159
1.00000   -0.152614   -14.253115   -0.337461
-0.000698   -0.534239   -41.775265

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.468527    7.887381    0.326183
0.000803    0.559552   10.636376
0.25000    0.468527   20.962857    0.326183
0.000803    0.283163   32.720776
0.50000    0.468527   35.041722    0.326183
0.000803    0.025535   39.748840
0.75000    0.468527   49.501544    0.326183
0.000803    0.302278   30.399020
1.00000    0.468527   59.750030    0.326183
0.000803    0.617639   10.746911

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.264526   -60.260006   -0.375561
-0.001050   -0.692389   -45.060944
0.25000   -0.264526   -50.391076   -0.375561
-0.001050   -0.365684   -25.983040
0.50000   -0.264526   -37.255764   -0.375561
-0.001050   -0.047944   -22.851142
0.75000   -0.264526   -21.715352   -0.375561
-0.001050   -0.302603   -19.735598
1.00000   -0.264526   -10.235957   -0.375561
-0.001050   -0.586322   -33.239508
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4366

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.456275    6.716316    0.451154
0.000887    0.779189    9.417941
0.25000    0.456275   17.669734    0.451154
0.000887    0.392818   27.912073
0.50000    0.456275   29.463823    0.451154
0.000887    0.023076   33.791603
0.75000    0.456275   41.576983    0.451154
0.000887    0.411815   26.202503
1.00000    0.456275   50.162259    0.451154
0.000887    0.840649    9.464973

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.279302   -50.573427   -0.503811
-0.001212   -0.913577   -38.804853
0.25000   -0.279302   -42.306110   -0.503811
-0.001212   -0.477053   -22.764302
0.50000   -0.279302   -31.302507   -0.503811
-0.001212   -0.046320   -20.085295
0.75000   -0.279302   -18.284134   -0.503811
-0.001212   -0.407515   -16.731988
1.00000   -0.279302   -8.667701   -0.503811
-0.001212   -0.800019   -28.688831

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.131814    0.231440    0.278459
0.000364    0.486318    0.800553
0.25000    0.131814    0.256884    0.278459
0.000364    0.244011    0.831370
0.50000    0.131814    0.284280    0.278459
0.000364    0.002714    0.832779
0.75000    0.131814    0.312417    0.278459
0.000364    0.247320    0.803018
1.00000    0.131814    0.332360    0.278459
0.000364    0.503775    0.766723

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.027985   -0.275017   -0.294713
-0.000512   -0.522132   -1.593058
0.25000   -0.027985   -0.255813   -0.294713
-0.000512   -0.265658   -1.477689
0.50000   -0.027985   -0.232553   -0.294713
-0.000512   -0.009280   -1.397784
0.75000   -0.027985   -0.200012   -0.294713
-0.000512   -0.240689   -1.322872
1.00000   -0.027985   -0.177675   -0.294713
-0.000512   -0.483020   -1.283600

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
   T          M2          M3
0.00000    0.173401    0.869712    0.463290
0.000505    0.807219    1.911411
0.25000    0.173401    1.633021    0.463290
0.000505    0.404468    3.192342
0.50000    0.173401    2.454904    0.463290
0.000505    0.005725    3.581958
0.75000    0.173401    3.299027    0.463290
0.000505    0.414800    3.033110
1.00000    0.173401    3.897304    0.463290
0.000505    0.845982    2.032829

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
   T          M2          M3
0.00000   -0.310442   -4.142175   -0.496240
-0.000957   -0.881582   -5.472184
0.25000   -0.310442   -3.566055   -0.496240
-0.000957   -0.449727   -4.210329
0.50000   -0.310442   -2.799253   -0.496240
-0.000957   -0.018621   -3.891427
0.75000   -0.310442   -1.892050   -0.496240
-0.000957   -0.402973   -3.582993
1.00000   -0.310442   -1.221915   -0.496240
-0.000957   -0.806158   -4.250989
Program    SAP2000    Nonlinear    Version    7.42
File:하행S06-S1003.OUT

Page
<          MOVING          LOAD          >
4367

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S
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COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.292255	1.646241	0.531199
0.000418	0.921654	2.778636	
0.25000	0.292255	2.859902	0.531199
0.000418	0.460048	4.817453	
0.50000	0.292255	4.166696	0.531199
0.000418	0.007997	5.438860	
0.75000	0.292255	5.508852	0.531199
0.000418	0.417291	4.568028	
1.00000	0.292255	6.460112	0.531199
0.000418	0.976399	2.756051	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.171140	-5.959424	-0.574768
-0.001160	-1.024735	-8.714671	
0.25000	-0.171140	-5.043394	-0.574768
-0.001160	-0.524593	-6.882940	
0.50000	-0.171140	-3.824180	-0.574768
-0.001160	-0.025826	-6.541219	
0.75000	-0.171140	-2.381726	-0.574768
-0.001160	-0.466108	-6.209408	
1.00000	-0.171140	-1.316211	-0.574768
-0.001160	-0.928435	-7.428072	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.542213	7.591552	0.485879
0.000730	0.841130	10.761054	
0.25000	0.542213	20.529632	0.485879
0.000730	0.685795	32.492971	
0.50000	0.542213	34.460558	0.485879
0.000730	0.026095	39.448376	
0.75000	0.542213	48.768438	0.485879
0.000730	0.440513	30.494835	
1.00000	0.542213	58.909234	0.485879
0.000730	0.896434	10.734433	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195036	-59.701968	-0.536926
-0.001175	-0.975147	-44.075034	
0.25000	-0.195036	-49.336739	-0.536926
-0.001175	-0.507916	-25.152825	
0.50000	-0.195036	-36.939452	-0.536926
-0.001175	-0.049285	-22.011650	
0.75000	-0.195036	-21.562349	-0.536926
-0.001175	-0.438055	-18.892029	
1.00000	-0.195036	-10.203566	-0.536926
-0.001175	-0.860850	-32.222791	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027361	0.509739	0.138726
0.001033	0.236681	2.044856	
0.25000	0.027361	0.518865	0.138726
0.001033	0.115945	1.979940	
0.50000	0.027361	0.537336	0.138726
0.001033	0.004663	1.939950	
0.75000	0.027361	0.556513	0.138726
0.001033	0.144140	1.991792	
1.00000	0.027361	0.572699	0.138726
0.001033	0.304437	1.902569	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.620617	-0.347639	-0.182989
-0.000501	-0.331827	-7.092604	
0.25000	-0.620617	-0.330104	-0.182989
-0.000501	-0.172235	-7.097189	
0.50000	-0.620617	-0.310588	-0.182989
-0.000501	-0.020877	-7.151964	
0.75000	-0.620617	-0.292716	-0.182989
-0.000501	-0.125544	-7.238255	
1.00000	-0.620617	-0.289062	-0.182989
-0.000501	-0.246467	-7.358122	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4368

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.558732	13.406590	0.234377
0.001168	0.402677	14.964055	
0.25000	0.558732	27.934862	0.234377
0.001168	0.212445	40.764102	
0.50000	0.558732	57.340509	0.234377
0.001168	0.042663	53.845788	
0.75000	0.558732	87.869790	0.234377
0.001168	0.249663	37.871718	
1.00000	0.558732	113.638850	0.234377
0.001168	0.500751	15.023556	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.590356	-113.894270	-0.315014
-0.000611	-0.599956	-72.047971	
0.25000	-0.590356	-85.979738	-0.315014
-0.000611	-0.325666	-42.960005	
0.50000	-0.590356	-54.909105	-0.315014
-0.000611	-0.070367	-37.772157	
0.75000	-0.590356	-26.456985	-0.315014
-0.000611	-0.313348	-32.750529	
1.00000	-0.590356	-20.639546	-0.315014
-0.000611	-0.434919	-61.458747	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.527399	10.261136	0.444215
0.001043	0.765609	12.809093	
0.25000	0.527399	20.576939	0.444215
0.001043	0.389120	30.981223	
0.50000	0.527399	41.456426	0.444215
0.001043	0.035276	40.261715	
0.75000	0.527399	63.133730	0.444215
0.001043	0.442869	28.906372	
1.00000	0.527399	81.431077	0.444215
0.001043	0.903016	12.672640	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.553731	-80.945389	-0.547277
-0.000878	-1.003783	-57.853908	
0.25000	-0.553731	-61.124668	-0.547277
-0.000878	-0.526973	-37.526450	
0.50000	-0.553731	-39.062958	-0.547277
-0.000878	-0.070730	-34.210738	
0.75000	-0.553731	-18.860523	-0.547277
-0.000878	-0.409624	-31.065787	
1.00000	-0.553731	-14.729849	-0.547277
-0.000878	-0.795799	-51.887693	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.500361	8.716981	0.610370
0.001014	1.057432	11.594001	
0.25000	0.500361	17.279262	0.610370
0.001014	0.534610	26.672021	
0.50000	0.500361	34.609569	0.610370
0.001014	0.031847	34.383717	
0.75000	0.500361	52.602093	0.610370
0.001014	0.592055	24.988768	
1.00000	0.500361	67.789166	0.610370
0.001014	1.207619	11.593760	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672472	-67.450121	-0.722443
-0.001067	-1.308009	-50.422546	
0.25000	-0.672472	-50.998607	-0.722443
-0.001067	-0.678624	-33.508236	
0.50000	-0.672472	-32.687036	-0.722443
-0.001067	-0.067910	-30.745212	
0.75000	-0.672472	-15.918693	-0.722443
-0.001067	-0.548951	-28.147112	
1.00000	-0.672472	-12.490168	-0.722443
-0.001067	-1.079796	-45.470201	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4369

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.631288	9.585892	0.163872
6.65E-05	0.283194	10.106085	
0.25000	0.631288	19.770284	0.163872
6.65E-05	0.149933	28.004226	
0.50000	0.631288	40.383790	0.163872
6.65E-05	0.028215	37.037603	
0.75000	0.631288	61.784970	0.163872
6.65E-05	0.163494	25.839046	
1.00000	0.631288	79.849210	0.163872
6.65E-05	0.322098	9.850978	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014570	-79.775810	-0.201114
-0.000199	-0.380620	-47.574066	
0.25000	-0.014570	-60.207583	-0.201114
-0.000199	-0.205633	-27.366616	
0.50000	-0.014570	-38.426913	-0.201114
-0.000199	-0.040923	-23.914428	
0.75000	-0.014570	-18.481834	-0.201114
-0.000199	-0.159429	-20.597285	
1.00000	-0.014570	-14.403780	-0.201114
-0.000199	-0.301882	-40.941618	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.571422	9.407029	0.447586
5.15E-05	0.775896	10.906706	
0.25000	0.571422	19.126005	0.447586
5.15E-05	0.395441	28.033776	
0.50000	0.571422	38.797497	0.447586
5.15E-05	0.030343	36.822412	
0.75000	0.571422	59.220665	0.447586
5.15E-05	0.430709	26.171681	
1.00000	0.571422	76.459389	0.447586
5.15E-05	0.870200	10.970909	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185537	-76.292082	-0.522573
-0.000587	-0.950668	-49.958972	
0.25000	-0.185537	-57.181101	-0.522573
-0.000587	-0.495563	-30.738409	
0.50000	-0.185537	-36.832785	-0.522573
-0.000587	-0.053995	-27.564340	
0.75000	-0.185537	-17.799174	-0.522573
-0.000587	-0.406612	-24.552438	
1.00000	-0.185537	-13.907483	-0.522573
-0.000587	-0.795790	-44.129467	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.645149	7.332082	0.473954
0.000802	0.820472	10.167743	
0.25000	0.645149	13.648048	0.473954
0.000802	0.414089	20.782217	
0.50000	0.645149	26.431746	0.473954
0.000802	0.025642	26.230688	
0.75000	0.645149	39.703929	0.473954
0.000802	0.460408	19.286898	
1.00000	0.645149	50.906672	0.473954
0.000802	0.944672	9.431569	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358893	-49.791384	-0.567276
-0.000919	-1.031097	-40.637055	
0.25000	-0.358893	-37.655927	-0.567276
-0.000919	-0.536729	-28.458486	
0.50000	-0.358893	-24.148398	-0.567276
-0.000919	-0.058870	-26.769858	
0.75000	-0.358893	-11.779232	-0.567276
-0.000919	-0.427265	-25.260193	
1.00000	-0.358893	-9.250181	-0.567276
-0.000919	-0.838853	-38.565460	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4370

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.630456	6.294956	0.654730
0.000857	1.138322	9.419405	
0.25000	0.630456	11.592482	0.654730
0.000857	0.573665	18.348208	
0.50000	0.630456	22.314830	0.654730
0.000857	0.024414	22.934575	
0.75000	0.630456	33.446895	0.654730
0.000857	0.622355	17.119085	
1.00000	0.630456	42.843213	0.654730
0.000857	1.273265	8.860555	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.374375	-41.900309	-0.756892
-0.001088	-1.361434	-35.889045	
0.25000	-0.374375	-31.721674	-0.756892
-0.001088	-0.702044	-25.709336	
0.50000	-0.374375	-20.392213	-0.756892
-0.001088	-0.057391	-24.324723	
0.75000	-0.374375	-10.017555	-0.756892
-0.001088	-0.579772	-23.084611	
1.00000	-0.374375	-7.896309	-0.756892
-0.001088	-1.148772	-34.278213	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.229436	0.305043	0.406855
0.000330	0.712784	1.490176	
0.25000	0.229436	0.314169	0.406855
0.000330	0.358648	1.491805	
0.50000	0.229436	0.332640	0.406855
0.000330	0.005136	1.500063	
0.75000	0.229436	0.351816	0.406855
0.000330	0.371607	1.502299	
1.00000	0.229436	0.368003	0.406855
0.000330	0.756357	1.512721	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041955	-0.276822	-0.441567
-0.000492	-0.779641	-2.596069	
0.25000	-0.041955	-0.259288	-0.441567
-0.000492	-0.395013	-2.645269	
0.50000	-0.041955	-0.239771	-0.441567
-0.000492	-0.012040	-2.726059	
0.75000	-0.041955	-0.221839	-0.441567
-0.000492	-0.349300	-2.821485	
1.00000	-0.041955	-0.218245	-0.441567
-0.000492	-0.703411	-2.947994	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.276013	0.860115	0.676425
0.000441	1.182317	2.904940	
0.25000	0.276013	1.161267	0.676425
0.000441	0.593889	3.424730	
0.50000	0.276013	1.770806	0.676425
0.000441	0.008704	3.711854	
0.75000	0.276013	2.403636	0.676425
0.000441	0.624797	3.455026	
1.00000	0.276013	2.937794	0.676425
0.000441	1.273523	3.164759	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.373699	-2.973778	-0.745152
-0.000899	-1.318816	-7.321492	
0.25000	-0.373699	-2.395147	-0.745152
-0.000899	-0.669815	-6.691889	
0.50000	-0.373699	-1.751095	-0.745152
-0.000899	-0.024894	-6.646683	
0.75000	-0.373699	-1.161321	-0.745152
-0.000899	-0.583903	-6.668481	
1.00000	-0.373699	-1.040734	-0.745152
-0.000899	-1.172676	-7.435925	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4371

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.504792	1.359086	0.787388
0.000370	1.371656	4.232280	
0.25000	0.504792	1.367300	0.787388
0.000370	0.686353	3.906912	
0.50000	0.504792	1.383924	0.787388
0.000370	0.010735	3.826429	
0.75000	0.504792	1.401183	0.787388
0.000370	0.730631	3.855393	
1.00000	0.504792	1.415750	0.787388
0.000370	1.493904	3.960331	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.229246	-0.554450	-0.875856
-0.001041	-1.552498	-10.039437	
0.25000	-0.229246	-0.538669	-0.875856
-0.001041	-0.789344	-10.434079	
0.50000	-0.229246	-0.521104	-0.875856
-0.001041	-0.026818	-10.947688	
0.75000	-0.229246	-0.505019	-0.875856
-0.001041	-0.683588	-11.581840	
1.00000	-0.229246	-0.501730	-0.875856
-0.001041	-1.368806	-12.291510	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.790948	6.725867	0.714953
0.000695	1.244935	9.741712	
0.25000	0.790948	12.475120	0.714953
0.000695	0.628445	19.454911	
0.50000	0.790948	24.111777	0.714953
0.000695	0.026019	24.404666	
0.75000	0.790948	36.193088	0.714953
0.000695	0.672880	18.104276	
1.00000	0.790948	46.390643	0.714953
0.000695	1.372303	9.182841	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265956	-45.478917	-0.813597
-0.001077	-1.459762	-36.611748	
0.25000	-0.265956	-34.432357	-0.813597
-0.001077	-0.750999	-25.543075	
0.50000	-0.265956	-22.136798	-0.813597
-0.001077	-0.056353	-24.025158	
0.75000	-0.265956	-10.877479	-0.813597
-0.001077	-0.630461	-22.705362	
1.00000	-0.265956	-8.575351	-0.813597
-0.001077	-1.252209	-34.786197	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.542213	12.215680	0.531199
0.001163	0.921654	16.824855	
0.25000	0.542213	35.929134	0.531199
0.001163	0.460048	57.138228	
0.50000	0.542213	61.462316	0.531199
0.001163	0.039720	69.870373	
0.75000	0.542213	87.686395	0.531199
0.001163	0.477291	53.500781	
1.00000	0.542213	106.272869	0.531199
0.001163	0.976399	17.208262	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.402991	-108.851410	-0.574768
-0.001212	-1.024735	-74.824974	
0.25000	-0.402991	-90.953291	-0.574768
-0.001212	-0.524593	-40.129041	
0.50000	-0.402991	-67.131321	-0.574768
-0.001212	-0.061235	-34.338920	
0.75000	-0.402991	-38.947527	-0.574768
-0.001212	-0.466108	-28.570674	
1.00000	-0.402991	-18.128676	-0.574768
-0.001212	-0.928435	-52.950885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4372

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.790948	13.406590	0.787388
0.001168	1.371656	14.964055	
0.25000	0.790948	27.934862	0.787388
0.001168	0.686353	40.764102	
0.50000	0.790948	57.340509	0.787388
0.001168	0.042663	53.845788	
0.75000	0.790948	87.869790	0.787388
0.001168	0.730631	37.871718	
1.00000	0.790948	113.638850	0.787388
0.001168	1.493904	15.023556	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672472	-113.894270	-0.875856
-0.001088	-1.552498	-72.047971	
0.25000	-0.672472	-85.979738	-0.875856
-0.001088	-0.789344	-42.960005	
0.50000	-0.672472	-54.909105	-0.875856
-0.001088	-0.070730	-37.772157	
0.75000	-0.672472	-26.456985	-0.875856
-0.001088	-0.683588	-32.750529	
1.00000	-0.672472	-20.639546	-0.875856
-0.001088	-1.368806	-61.458747	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.790948	13.406590	0.787388
0.001168	1.371656	16.824855	
0.25000	0.790948	35.929134	0.787388
0.001168	0.686353	57.138228	
0.50000	0.790948	61.462316	0.787388
0.001168	0.042663	69.870373	
0.75000	0.790948	87.869790	0.787388
0.001168	0.730631	53.500781	
1.00000	0.790948	113.638850	0.787388
0.001168	1.493904	17.208262	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672472	-113.894270	-0.875856
-0.001212	-1.552498	-74.824974	
0.25000	-0.672472	-90.953291	-0.875856
-0.001212	-0.789344	-42.960005	
0.50000	-0.672472	-67.131321	-0.875856
-0.001212	-0.070730	-37.772157	
0.75000	-0.672472	-38.947527	-0.875856
-0.001212	-0.683588	-32.750529	
1.00000	-0.672472	-20.639546	-0.875856
-0.001212	-1.368806	-61.458747	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.790948	13.406590	0.787388
0.001168	1.371656	16.824855	
0.25000	0.790948	35.929134	0.787388
0.001168	0.686353	57.138228	
0.50000	0.790948	61.462316	0.787388
0.001168	0.042663	69.870373	
0.75000	0.790948	87.869790	0.787388
0.001168	0.730631	53.500781	
1.00000	0.790948	113.638850	0.787388
0.001168	1.493904	17.208262	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672472	-113.894270	-0.875856
-0.001212	-1.552498	-74.824974	
0.25000	-0.672472	-90.953291	-0.875856
-0.001212	-0.789344	-42.960005	
0.50000	-0.672472	-67.131321	-0.875856
-0.001212	-0.070730	-37.772157	
0.75000	-0.672472	-38.947527	-0.875856
-0.001212	-0.683588	-32.750529	
1.00000	-0.672472	-20.639546	-0.875856
-0.001212	-1.368806	-61.458747	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4373

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 423 ========== LENGTH = 3.481352

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018902	0.214649	0.139167
0.000525	0.231984	0.935698	
0.25000	0.018902	0.236988	0.139167
0.000525	0.110990	0.946111	
0.50000	0.018902	0.257230	0.139167
0.000525	0.002674	0.935348	
0.75000	0.018902	0.292790	0.139167
0.000525	0.096435	0.907177	
1.00000	0.018902	0.311993	0.139167
0.000525	0.195488	0.901816	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.225529	-0.599138	-0.113868
-0.000986	-0.201392	-3.069197	
0.25000	-0.225529	-0.579194	-0.113868
-0.000986	-0.102407	-3.124096	
0.50000	-0.225529	-0.551054	-0.113868
-0.000986	-0.011435	-3.248455	
0.75000	-0.225529	-0.523656	-0.113868
-0.000986	-0.131592	-3.373304	
1.00000	-0.225529	-0.498213	-0.113868
-0.000986	-0.252619	-3.529809	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.363184	18.123526	0.225868
0.000695	0.351059	17.214170	
0.25000	0.363184	38.943089	0.225868
0.000695	0.175442	53.443695	
0.50000	0.363184	67.128533	0.225868
0.000695	0.040024	69.740903	
0.75000	0.363184	90.951013	0.225868
0.000695	0.160123	56.955307	
1.00000	0.363184	108.848116	0.225868
0.000695	0.300615	16.631637	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221835	-106.272812	-0.177013
-0.001163	-0.334194	-52.939006	
0.25000	-0.221835	-87.684371	-0.177013
-0.001163	-0.180209	-28.504776	
0.50000	-0.221835	-61.458175	-0.177013
-0.001163	-0.061570	-34.268916	
0.75000	-0.221835	-35.922278	-0.177013
-0.001163	-0.242994	-40.055294	
1.00000	-0.221835	-12.210479	-0.177013
-0.001163	-0.439554	-74.761464	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297261	12.366946	0.365163
0.001009	0.595033	12.743476	
0.25000	0.297261	26.540779	0.365163
0.001009	0.291510	37.368728	
0.50000	0.297261	45.729260	0.365163
0.001009	0.030719	48.422399	
0.75000	0.297261	61.947462	0.365163
0.001009	0.267104	39.636246	
1.00000	0.297261	74.131701	0.365163
0.001009	0.524946	12.108001	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199704	-73.043569	-0.306879
-0.001031	-0.556049	-39.529494	
0.25000	-0.199704	-60.388671	-0.306879
-0.001031	-0.288896	-22.819084	
0.50000	-0.199704	-42.534034	-0.306879
-0.001031	-0.054490	-26.738534	

Program SAP2000 Nonlinear Version 7.42

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.199704 -25.150029 -0.306879
-0.001031 -0.361362 -30.673147
1.00000 -0.199704 -9.006498 -0.306879
-0.001031 -0.679170 -54.293337

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.279360 10.536598 0.488390
0.001206 0.809816 11.151960
0.25000 0.279360 22.297864 0.488390
0.001206 0.396610 31.491977
0.50000 0.279360 38.220220 0.488390
0.001206 0.027474 40.637015
0.75000 0.279360 51.677877 0.488390
0.001206 0.370819 33.334232
1.00000 0.279360 61.788204 0.488390
0.001206 0.733752 10.512967

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.345647 -60.783424 -0.425822
-0.001034 -0.759180 -33.899583
0.25000 -0.345647 -50.282550 -0.425822
-0.001034 -0.388534 -20.016694
0.50000 -0.345647 -35.467000 -0.425822
-0.001034 -0.051831 -23.323172
0.75000 -0.345647 -21.041975 -0.425822
-0.001034 -0.467830 -26.648259
1.00000 -0.345647 -7.646280 -0.425822
-0.001034 -0.892886 -46.315745

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.391931 15.109870 0.131110
0.000248 0.198795 13.850197
0.25000 0.391931 32.533988 0.131110
0.000248 0.102197 44.187171
0.50000 0.391931 56.122644 0.131110
0.000248 0.032111 57.840268
0.75000 0.391931 76.059913 0.131110
0.000248 0.098170 47.146284
1.00000 0.391931 91.038175 0.131110
0.000248 0.178832 13.638039

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.008404 -88.813657 -0.105689
-7.12E-05 -0.204673 -42.597151
0.25000 -0.008404 -73.256808 -0.105689
-7.12E-05 -0.112685 -22.025553
0.50000 -0.008404 -51.307845 -0.105689
-7.12E-05 -0.044660 -26.707490
0.75000 -0.008404 -29.937438 -0.105689
-7.12E-05 -0.311792 -31.113742
1.00000 -0.008404 -10.091963 -0.105689
-7.12E-05 -0.261159 -60.326054

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.337627 14.257424 0.338652
0.000697 0.552642 13.740238
0.25000 0.337627 30.475238 0.338652
0.000697 0.274282 41.850298
0.50000 0.337627 52.430852 0.338652
0.000697 0.032609 54.522631
0.75000 0.337627 70.987849 0.338652
0.000697 0.259169 44.494275
1.00000 0.337627 84.929154 0.338652
0.000697 0.504311 12.998602

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.150039 -82.922506 -0.293760
-6.04E-05 -0.532881 -41.831722
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.150039 -68.442669 -0.293760
-6.04E-05 -0.277134 -22.640840
0.50000 -0.150039 -48.013250 -0.293760
-6.04E-05 -0.051326 -27.042487
0.75000 -0.150039 -28.122332 -0.293760
-6.04E-05 -0.334971 -31.464149
1.00000 -0.150039 -9.650774 -0.293760
-6.04E-05 -0.629693 -58.415631

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.446226 10.240514 0.376907
0.001048 0.619586 10.759769
0.25000 0.446226 21.720314 0.376907
0.001048 0.303149 30.604121
0.50000 0.446226 37.261522 0.376907
0.001048 0.026300 39.538807
0.75000 0.446226 50.397215 0.376907
0.001048 0.282926 32.413713
1.00000 0.446226 60.265585 0.376907
0.001048 0.558738 10.499619

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.213896 -59.749418 -0.325501
-0.000803 -0.584924 -33.281792
0.25000 -0.213896 -49.499848 -0.325501
-0.000803 -0.301795 -18.288402
0.50000 -0.213896 -35.038858 -0.325501
-0.000803 -0.048128 -22.744466
0.75000 -0.213896 -20.959048 -0.325501
-0.000803 -0.367176 -25.872809
1.00000 -0.213896 -7.883933 -0.325501
-0.000803 -0.695137 -44.954717

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.416524 8.671640 0.505661
0.001210 0.843463 9.483551
0.25000 0.416524 18.288402 0.505661
0.001210 0.413085 26.095050
0.50000 0.416524 31.307536 0.505661
0.001210 0.024045 33.552457
0.75000 0.416524 42.311375 0.505661
0.001210 0.392247 27.572993
1.00000 0.416524 50.578224 0.505661
0.001210 0.777679 9.207577

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.228985 -50.162954 -0.450042
-0.000887 -0.797847 -28.757498
0.25000 -0.228985 -41.576770 -0.450042
-0.000887 -0.406294 -17.303547
0.50000 -0.228985 -29.462631 -0.450042
-0.000887 -0.046440 -19.961390
0.75000 -0.228985 -17.667810 -0.450042
-0.000887 -0.479082 -22.637654
1.00000 -0.228985 -6.714634 -0.450042
-0.000887 -0.919102 -38.682281

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.090428 0.177835 0.295857
0.000512 0.505650 0.778208
0.25000 0.090428 0.200171 0.295857
0.000512 0.248176 0.759812
0.50000 0.090428 0.230413 0.295857
0.000512 0.003212 0.734754
0.75000 0.090428 0.255973 0.295857
0.000512 0.243453 0.705365
1.00000 0.090428 0.275176 0.295857
0.000512 0.485016 0.672644
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.020654 -0.333988 -0.277595
-0.000364 -0.481424 -1.334921
0.25000 -0.020654 -0.314043 -0.277595
-0.000364 -0.268321 -1.268768
0.50000 -0.020654 -0.285903 -0.277595
-0.000364 -0.009401 -1.344122
0.75000 -0.020654 -0.258506 -0.277595
-0.000364 -0.266844 -1.424413
1.00000 -0.020654 -0.233063 -0.277595
-0.000364 -0.524339 -1.540356

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.124789 1.221345 0.498106
0.000957 0.849021 2.046222
0.25000 0.124789 1.891503 0.498106
0.000957 0.416169 2.956538
0.50000 0.124789 2.798759 0.498106
0.000957 0.006598 3.409522
0.75000 0.124789 3.565577 0.498106
0.000957 0.403624 2.965891
1.00000 0.124789 4.141664 0.498106
0.000957 0.805278 1.680816

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.280954 -3.899841 -0.461988
-0.000505 -0.803661 -4.338689
0.25000 -0.280954 -3.301501 -0.461988
-0.000505 -0.401591 -3.489282
0.50000 -0.280954 -2.457310 -0.461988
-0.000505 -0.018684 -3.798339
0.75000 -0.280954 -1.635371 -0.461988
-0.000505 -0.437207 -4.107307
1.00000 -0.280954 -0.872084 -0.461988
-0.000505 -0.885197 -5.382186

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223181 1.322473 0.576933
0.001160 0.979832 2.776858
0.25000 0.223181 2.388024 0.576933
0.001160 0.478828 4.463978
0.50000 0.223181 3.830562 0.576933
0.001160 0.009062 5.207107
0.75000 0.223181 5.049803 0.576933
0.001160 0.459191 4.505092
1.00000 0.223181 5.965781 0.576933
0.001160 0.919540 2.533171

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.142448 -6.461870 -0.529741
-0.000418 -0.925639 -7.531976
0.25000 -0.142448 -5.510509 -0.529741
-0.000418 -0.464558 -6.091200
0.50000 -0.142448 -4.168245 -0.529741
-0.000418 -0.025818 -6.421262
0.75000 -0.142448 -2.861363 -0.529741
-0.000418 -0.526885 -6.761730
1.00000 -0.142448 -1.647736 -0.529741
-0.000418 -1.028989 -8.594028

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.489256 10.207271 0.538954
0.001175 0.899535 10.753950
0.25000 0.489256 21.566442 0.538954
0.001175 0.441930 30.380320
0.50000 0.489256 36.944444 0.538954
0.001175 0.027100 39.213163
0.75000 0.489256 49.942010 0.538954
0.001175 0.425091 32.214221
1.00000 0.489256 59.706685 0.538954
0.001175 0.839386 10.528255
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.147389 -58.910265 -0.484618
-0.000730 -0.858398 -32.305950
0.25000 -0.147389 -48.768396 -0.484618
-0.000730 -0.436676 -18.773005
0.50000 -0.147389 -34.459361 -0.484618
-0.000730 -0.049414 -21.889068
0.75000 -0.147389 -20.527499 -0.484618
-0.000730 -0.510062 -25.027605
1.00000 -0.147389 -7.589775 -0.484618
-0.000730 -0.979119 -43.955300

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.023556 0.297603 0.169649
0.000501 0.282657 1.904516
0.25000 0.023556 0.301260 0.169649
0.000501 0.135021 1.899315
0.50000 0.023556 0.319135 0.169649
0.000501 0.004749 1.896162
0.75000 0.023556 0.338651 0.169649
0.000501 0.125149 1.914715
1.00000 0.023556 0.356185 0.169649
0.000501 0.256463 1.967994

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.587093 -0.559895 -0.150322
-0.001033 -0.266161 -7.356283
0.25000 -0.587093 -0.543707 -0.150322
-0.001033 -0.134883 -7.245236
0.50000 -0.587093 -0.524529 -0.150322
-0.001033 -0.020626 -7.167746
0.75000 -0.587093 -0.506057 -0.150322
-0.001033 -0.160486 -7.120548
1.00000 -0.587093 -0.496934 -0.150322
-0.001033 -0.308207 -7.123799

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.538036 20.647609 0.292003
0.000610 0.462339 15.026079
0.25000 0.538036 26.469425 0.292003
0.000610 0.232276 37.843059
0.50000 0.538036 54.927297 0.292003
0.000610 0.042596 53.782991
0.75000 0.538036 85.995731 0.292003
0.000610 0.229451 40.662390
1.00000 0.538036 113.910471 0.292003
0.000610 0.439260 14.885959

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.549318 -113.623205 -0.255876
-0.001168 -0.471378 -61.457319
0.25000 -0.549318 -87.851157 -0.255876
-0.001168 -0.248709 -32.754504
0.50000 -0.549318 -57.319762 -0.255876
-0.001168 -0.069974 -37.808310
0.75000 -0.549318 -27.913363 -0.255876
-0.001168 -0.306177 -43.011042
1.00000 -0.549318 -13.389070 -0.255876
-0.001168 -0.559771 -72.129538

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.499897 14.749306 0.513652
0.000878 0.847056 12.678397
0.25000 0.499897 18.883088 0.513652
0.000878 0.416846 28.862065
0.50000 0.499897 39.089607 0.513652
0.000878 0.035599 40.167209
0.75000 0.499897 61.149757 0.513652
0.000878 0.415202 30.832204
1.00000 0.499897 80.970625 0.513652
0.000878 0.821144 12.705734
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.511070 -81.404638 -0.476542
-0.001043 -0.850563 -51.883668
0.25000 -0.511070 -63.105216 -0.476542
-0.001043 -0.435548 -31.081169
0.50000 -0.511070 -41.426364 -0.476542
-0.001043 -0.069780 -34.262638
0.75000 -0.511070 -20.546343 -0.476542
-0.001043 -0.498433 -37.602400
1.00000 -0.511070 -10.233365 -0.476542
-0.001043 -0.945399 -57.964896

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.469234 12.513416 0.683155
0.001066 1.142100 11.601693
0.25000 0.469234 15.944520 0.683155
0.001066 0.561495 24.940233
0.50000 0.469234 32.716253 0.683155
0.001066 0.032463 34.279423
0.75000 0.469234 51.026528 0.683155
0.001066 0.565816 26.511776
1.00000 0.469234 67.478164 0.683155
0.001066 1.123333 11.465337

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.628593 -67.759844 -0.648556
-0.001014 -1.144433 -45.465707
0.25000 -0.628593 -52.571033 -0.648556
-0.001014 -0.579457 -28.165914
0.50000 -0.628593 -34.577241 -0.648556
-0.001014 -0.066505 -30.802016
0.75000 -0.628593 -17.246491 -0.648556
-0.001014 -0.646564 -33.591946
1.00000 -0.628593 -8.686555 -0.648556
-0.001014 -1.239790 -50.540332

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.612623 14.408934 0.188939
0.000198 0.301323 9.851704
0.25000 0.612623 18.490056 0.188939
0.000198 0.153583 25.825206
0.50000 0.612623 38.439167 0.188939
0.000198 0.028323 37.008766
0.75000 0.612623 60.218296 0.188939
0.000198 0.159646 27.971017
1.00000 0.612623 79.786669 0.188939
0.000198 0.303850 10.066062

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.010364 -79.842057 -0.175991
-6.86E-05 -0.322589 -40.940332
0.25000 -0.010364 -61.775750 -0.175991
-6.86E-05 -0.169248 -20.599715
0.50000 -0.010364 -40.373067 -0.175991
-6.86E-05 -0.040562 -23.936361
0.75000 -0.010364 -19.759027 -0.175991
-6.86E-05 -0.195512 -27.401253
1.00000 -0.010364 -9.577425 -0.175991
-6.86E-05 -0.359625 -47.629910

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.542600 13.922659 0.495796
0.000587 0.825008 10.976597
0.25000 0.542600 17.817278 0.495796
0.000587 0.380193 26.141475
0.50000 0.542600 36.854736 0.495796
0.000587 0.030912 36.757143
0.75000 0.542600 57.638582 0.495796
0.000587 0.417384 27.940195
1.00000 0.542600 76.312701 0.495796
0.000587 0.821958 10.824222
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.172805 -76.441878 -0.474220
-5.14E-05 -0.841260 -44.126569
0.25000 -0.172805 -59.201182 -0.474220
-5.14E-05 -0.427886 -24.563746
0.50000 -0.172805 -38.776573 -0.474220
-5.14E-05 -0.052895 -27.607160
0.75000 -0.172805 -19.104579 -0.474220
-5.14E-05 -0.472863 -30.800360
1.00000 -0.172805 -9.388264 -0.474220
-5.14E-05 -0.904450 -50.047311

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.609506 9.274423 0.533711
0.000918 0.887915 9.438630
0.25000 0.609506 11.805377 0.533711
0.000918 0.433777 19.242018
0.50000 0.609506 24.177044 0.533711
0.000918 0.026311 26.133690
0.75000 0.609506 37.683616 0.533711
0.000918 0.441668 20.679246
1.00000 0.609506 49.819163 0.533711
0.000918 0.878367 10.056848

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.322613 -50.877750 -0.507653
-0.000802 -0.896131 -38.561730
0.25000 -0.322613 -39.673725 -0.507653
-0.000802 -0.454145 -25.281551
0.50000 -0.322613 -26.400606 -0.507653
-0.000802 -0.057741 -26.742287
0.75000 -0.322613 -13.616581 -0.507653
-0.000802 -0.508418 -28.454403
1.00000 -0.322613 -7.302345 -0.507653
-0.000802 -0.973082 -40.682904

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.586306 7.924730 0.717138
0.001087 1.206296 8.869561
0.25000 0.586306 10.047572 0.717138
0.001087 0.590911 17.069469
0.50000 0.586306 20.424327 0.717138
0.001087 0.025235 22.827209
0.75000 0.586306 31.752987 0.717138
0.001087 0.606604 18.218555
1.00000 0.586306 41.931697 0.717138
0.001087 1.207252 9.282816

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.331672 -42.811256 -0.694703
-0.000857 -1.216566 -34.279967
0.25000 -0.331672 -33.413869 -0.694703
-0.000857 -0.611396 -23.109117
0.50000 -0.331672 -22.281012 -0.694703
-0.000857 -0.055985 -24.317384
0.75000 -0.331672 -11.558390 -0.694703
-0.000857 -0.668665 -25.730247
1.00000 -0.331672 -6.262314 -0.694703
-0.000857 -1.292927 -35.959235

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.202482 0.231566 0.423441
0.000492 0.725585 1.517630
0.25000 0.202482 0.235223 0.423441
0.000492 0.357342 1.483616
0.50000 0.202482 0.253099 0.423441
0.000492 0.005717 1.456727
0.75000 0.202482 0.272614 0.423441
0.000492 0.374254 1.430649
1.00000 0.202482 0.290149 0.423441
0.000492 0.744821 1.417861
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.030299 -0.355278 -0.425253
-0.000330 -0.734660 -2.946381
0.25000 -0.030299 -0.339089 -0.425253
-0.000330 -0.364005 -2.831991
0.50000 -0.030299 -0.319911 -0.425253
-0.000330 -0.011742 -2.749197
0.75000 -0.030299 -0.301440 -0.425253
-0.000330 -0.380159 -2.680078
1.00000 -0.030299 -0.292317 -0.425253
-0.000330 -0.748474 -2.643133

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.239808 1.061677 0.713750
0.000899 1.220443 3.173835
0.25000 0.239808 1.182355 0.713750
0.000899 0.599907 3.422047
0.50000 0.239808 1.772248 0.713750
0.000899 0.009679 3.637848
0.75000 0.239808 2.416255 0.713750
0.000899 0.620527 3.319002
1.00000 0.239808 2.994890 0.713750
0.000899 1.237275 2.782575

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.341988 -2.916596 -0.707973
-0.000441 -1.226206 -7.435497
0.25000 -0.341988 -2.382377 -0.707973
-0.000441 -0.609196 -6.680759
0.50000 -0.341988 -1.749502 -0.707973
-0.000441 -0.023833 -6.680546
0.75000 -0.341988 -1.139947 -0.707973
-0.000441 -0.643428 -6.744606
1.00000 -0.341988 -0.838878 -0.707973
-0.000441 -1.264475 -7.389246

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.453985 0.531796 0.836325
0.001041 1.426970 3.970904
0.25000 0.453985 0.535088 0.836325
0.001041 0.699243 3.809963
0.50000 0.453985 0.551176 0.836325
0.001041 0.011835 3.724932
0.75000 0.453985 0.568739 0.836325
0.001041 0.719659 3.793907
1.00000 0.453985 0.584520 0.836325
0.001041 1.440700 4.093530

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.199953 -1.385227 -0.827132
-0.000370 -1.436429 -12.287289
0.25000 -0.199953 -1.370657 -0.827132
-0.000370 -0.715375 -11.608480
0.50000 -0.199953 -1.353397 -0.827132
-0.000370 -0.034387 -11.004302
0.75000 -0.199953 -1.336773 -0.827132
-0.000370 -0.756336 -10.518531
1.00000 -0.199953 -1.328562 -0.827132
-0.000370 -1.484464 -10.148914

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.730411 8.604648 0.772715
0.001077 1.303119 9.192026
0.25000 0.730411 10.908507 0.772715
0.001077 0.640290 18.055128
0.50000 0.730411 22.170102 0.772715
0.001077 0.026949 24.296761
0.75000 0.730411 34.464772 0.772715

0.001077 0.662698 19.336225
1.00000 0.730411 45.511434 0.772715
0.001077 1.316048 9.595921
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4381

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.221761 -46.358827 -0.756005
-0.000685 -1.322033 -34.781015
0.25000 -0.221761 -36.160105 -0.756005
-0.000685 -0.663269 -22.720220
0.50000 -0.221761 -24.077942 -0.756005
-0.000685 -0.055184 -24.078327
0.75000 -0.221761 -12.440988 -0.756005
-0.000685 -0.717025 -25.625924
1.00000 -0.221761 -6.693309 -0.756005
-0.000685 -1.389385 -36.728108

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.489256 18.123526 0.576933
0.001210 0.979832 17.214870
0.25000 0.489256 38.943089 0.576933
0.001210 0.478828 53.443695
0.50000 0.489256 67.128533 0.576933
0.001210 0.040024 69.740903
0.75000 0.489256 90.951013 0.576933
0.001210 0.459191 56.955307
1.00000 0.489256 108.848116 0.576933
0.001210 0.919540 16.631637

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.345647 -106.272812 -0.529741
-0.001163 -0.925639 -52.939006
0.25000 -0.345647 -87.684371 -0.529741
-0.001163 -0.464558 -28.504776
0.50000 -0.345647 -61.458175 -0.529741
-0.001163 -0.061570 -34.268916
0.75000 -0.345647 -35.923278 -0.529741
-0.001163 -0.526885 -40.055294
1.00000 -0.345647 -12.210479 -0.529741
-0.001163 -1.028989 -74.761464

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.730411 20.647609 0.836325
0.001087 1.426970 15.026079
0.25000 0.730411 26.469425 0.836325
0.001087 0.699243 37.443059
0.50000 0.730411 54.927297 0.836325
0.001087 0.042596 53.782991
0.75000 0.730411 85.995731 0.836325
0.001087 0.719659 40.662390
1.00000 0.730411 113.910471 0.836325
0.001087 1.440700 14.885959

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.628593 -113.623205 -0.827132
-0.001168 -1.436429 -61.457319
0.25000 -0.628593 -87.851197 -0.827132
-0.001168 -0.715375 -32.754504
0.50000 -0.628593 -57.319762 -0.827132
-0.001168 -0.069974 -37.808310
0.75000 -0.628593 -27.913363 -0.827132
-0.001168 -0.756336 -43.011042
1.00000 -0.628593 -13.389070 -0.827132
-0.001168 -1.484464 -72.129538

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.730411 20.647609 0.836325
0.001210 1.426970 17.214870
0.25000 0.730411 38.943089 0.836325
0.001210 0.699243 53.443695
0.50000 0.730411 67.128533 0.836325
0.001210 0.042596 69.740903
0.75000 0.730411 90.951013 0.836325
0.001210 0.719659 56.955307
1.00000 0.730411 113.910471 0.836325
0.001210 1.440700 16.631637
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4382

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.628593 -113.623205 -0.827132
-0.001168 -1.436429 -61.457319
0.25000 -0.628593 -87.851197 -0.827132
-0.001168 -0.715375 -32.754504
0.50000 -0.628593 -61.458175 -0.827132
-0.001168 -0.069974 -37.808310
0.75000 -0.628593 -35.923278 -0.827132
-0.001168 -0.756336 -43.011042
1.00000 -0.628593 -13.389070 -0.827132
-0.001168 -1.484464 -74.761464

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.730411 20.647609 0.836325
0.001210 1.426970 17.214870
0.25000 0.730411 38.943089 0.836325
0.001210 0.699243 53.443695
0.50000 0.730411 67.128533 0.836325
0.001210 0.042596 69.740903
0.75000 0.730411 90.951013 0.836325
0.001210 0.719659 56.955307
1.00000 0.730411 113.910471 0.836325
0.001210 1.440700 16.631637

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.628593 -113.623205 -0.827132
-0.001168 -1.436429 -61.457319
0.25000 -0.628593 -87.851197 -0.827132
-0.001168 -0.715375 -32.754504
0.50000 -0.628593 -61.458175 -0.827132
-0.001168 -0.069974 -37.808310
0.75000 -0.628593 -35.923278 -0.827132
-0.001168 -0.756336 -43.011042
1.00000 -0.628593 -13.389070 -0.827132
-0.001168 -1.484464 -74.761464

ELEM 424 ========== LENGTH = 4.972543

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.007005 0.104562 0.088062
8.41E-06 0.208589 0.899804
0.25000 0.007005 0.126331 0.088062
8.41E-06 0.009129 0.939877
0.50000 0.007005 0.157634 0.088062
8.41E-06 0.005527 1.350122
0.75000 0.007005 0.187907 0.088062
8.41E-06 0.078925 2.015171
1.00000 0.007005 0.218704 0.088062
8.41E-06 0.152508 2.709315

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.122382 -0.865287 -0.059194
-0.001169 -0.141991 -3.553228
0.25000 -0.122382 -0.829342 -0.059194
-0.001169 -0.068484 -3.392365
0.50000 -0.122382 -0.802077 -0.059194
-0.001169 -0.011474 -3.292901
0.75000 -0.122382 -0.769842 -0.059194
-0.001169 -0.119852 -3.195258
1.00000 -0.122382 -0.745039 -0.059194
-0.001169 -0.229314 -3.143664

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.172767 11.547123 0.143969
8.63E-05 0.336164 16.645912
0.25000 0.172767 31.836125 0.143969
8.63E-05 0.167792 64.171197
0.50000 0.172767 61.010376 0.143969
8.63E-05 0.048351 92.407253
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4383

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.172767 89.224945 0.143969
8.63E-05 0.138436 73.234503
1.00000 0.172767 117.927097 0.143969
8.63E-05 0.248469 17.123167

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.140542 -119.715836 -0.091672
-0.001419 -0.229510 -74.765326
0.25000 -0.140542 -86.215239 -0.091672
-0.001419 -0.119691 -22.291191
0.50000 -0.140542 -60.804409 -0.091672
-0.001419 -0.050105 -27.032772
0.75000 -0.140542 -30.761393 -0.091672
-0.001419 -0.217444 -33.463725
1.00000 -0.140542 -7.644943 -0.091672
-0.001419 -0.396371 -82.797003

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.167529 7.908115 0.217270
0.000524 0.519437 12.099575
0.25000 0.167529 21.720745 0.217270
0.000524 0.256711 44.756435
0.50000 0.167529 41.582400 0.217270
0.000524 0.037036 64.567454
0.75000 0.167529 60.790709 0.217270
0.000524 0.172750 52.330173
1.00000 0.167529 80.330962 0.217270
0.000524 0.379043 15.003507

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.166604 -82.335069 -0.148029
-0.001258 -0.372103 -54.276243
0.25000 -0.166604 -59.528063 -0.148029
-0.001258 -0.190866 -18.515464
0.50000 -0.166604 -42.228523 -0.148029
-0.001258 -0.042676 -21.706930
0.75000 -0.166604 -21.775419 -0.148029
-0.001258 -0.302658 -26.048447
1.00000 -0.166604 -6.037878 -0.148029
-0.001258 -0.572676 -59.598109

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.160765 6.608401 0.281436
0.000863 0.679386 10.501459
0.25000 0.160765 18.069946 0.281436
0.000863 0.335651 37.604774
0.50000 0.160765 34.550893 0.281436
0.000863 0.032287 54.046940
0.75000 0.160765 50.489703 0.281436
0.000863 0.261957 43.941438
1.00000 0.160765 66.703955 0.281436
0.000863 0.512370 13.299898

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.214572 -68.598908 -0.203268
-0.001048 -0.510902 -46.272167
0.25000 -0.214572 -49.673946 -0.203268
-0.001048 -0.260529 -16.639612
0.50000 -0.214572 -35.319008 -0.203268
-0.001048 -0.039209 -19.329501
0.75000 -0.214572 -18.347283 -0.203268
-0.001048 -0.380052 -22.974299
1.00000 -0.214572 -5.288473 -0.203268
-0.001048 -0.729834 -50.856014

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.171339 9.667122 0.077416
0.000257 0.189550 13.650103
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4384

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.171339 26.647188 0.077416
0.000257 0.1895595 53.401144
0.50000 0.171339 51.063407 0.077416
0.000257 0.036435 76.749216
0.75000 0.171339 74.676458 0.077416
0.000257 0.073091 60.288203
1.00000 0.171339 98.697573 0.077416
0.000257 0.130095 12.896669

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.010056 -99.809410 -0.048564
-5.19E-05 -0.129981 -60.299194
0.25000 -0.010056 -71.774429 -0.048564
-5.19E-05 -0.073099 -16.474729
0.50000 -0.010056 -50.505855 -0.048564
-5.19E-05 -0.033550 -20.534732
0.75000 -0.010056 -25.362559 -0.048564
-5.19E-05 -0.119978 -26.008591
1.00000 -0.010056 -6.016173 -0.048564
-5.19E-05 -0.216049 -67.387742

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.167066 8.962497 0.190561
0.000798 0.461306 12.990800
0.25000 0.167066 24.767020 0.190561
0.000798 0.232748 50.228999
0.50000 0.167066 47.492885 0.190561
0.000798 0.035672 72.275487
0.75000 0.167066 69.471186 0.190561
0.000798 0.174562 57.449722
1.00000 0.167066 91.829301 0.190561
0.000798 0.338446 13.992153

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.112339 -93.427213 -0.134351
-4.84E-05 -0.346913 -58.358233
0.25000 -0.112339 -67.331254 -0.134351
-4.84E-05 -0.183088 -17.569751
0.50000 -0.112339 -47.536981 -0.134351
-4.84E-05 -0.036508 -21.351229
0.75000 -0.112339 -24.134375 -0.134351
-4.84E-05 -0.262770 -28.449438
1.00000 -0.112339 -6.127354 -0.134351
-4.84E-05 -0.499571 -64.968314

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.228600 6.520687 0.219496
0.000724 0.528198 10.497001
0.25000 0.228600 17.707938 0.219496
0.000724 0.261266 37.099481
0.50000 0.228600 33.794470 0.219496
0.000724 0.031788 53.132645
0.75000 0.228600 49.351838 0.219496
0.000724 0.202516 43.352588
1.00000 0.228600 65.178057 0.219496
0.000724 0.393234 13.556196

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.164050 -67.113530 -0.155216
-0.000886 -0.390882 -44.917838
0.25000 -0.164050 -48.641473 -0.155216
-0.000886 -0.200213 -15.975508
0.50000 -0.164050 -34.630972 -0.155216
-0.000886 -0.036659 -18.582197
0.75000 -0.164050 -18.064508 -0.155216
-0.000886 -0.300048 -22.121099
1.00000 -0.164050 -5.318217 -0.155216
-0.000886 -0.572799 -49.317044
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4385

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.219049 5.517761 0.287325
0.000995 0.696599 9.200007
0.25000 0.219049 14.889451 0.287325
0.000995 0.344382 31.494734
0.50000 0.219049 28.365326 0.287325
0.000995 0.028150 44.937237
0.75000 0.219049 41.397914 0.287325
0.000995 0.272237 36.739323
1.00000 0.219049 54.655721 0.287325
0.000995 0.536420 11.906670

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.159341 -56.372265 -0.214006
-0.000738 -0.538009 -38.620212
0.25000 -0.159341 -40.898008 -0.214006
-0.000738 -0.273866 -14.446014
0.50000 -0.159341 -29.160496 -0.214006
-0.000738 -0.034164 -16.700728
0.75000 -0.159341 -15.283330 -0.214006
-0.000738 -0.383134 -19.736662
1.00000 -0.159341 -4.605613 -0.214006
-0.000738 -0.740212 -42.590419

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.055655 0.131715 0.161156
0.000590 0.395791 0.664244
0.25000 0.055655 0.153484 0.161156
0.000590 0.195466 0.728918
0.50000 0.055655 0.184787 0.161156
0.000590 0.002505 0.772438
0.75000 0.055655 0.215060 0.161156
0.000590 0.161595 0.779167
1.00000 0.055655 0.245856 0.161156
0.000590 0.325600 0.881534

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.007462 -0.357480 -0.131932
-4.68E-07 -0.330461 -1.491889
0.25000 -0.007462 -0.321535 -0.131932
-4.68E-07 -0.266529 -16.639612
0.50000 -0.007462 -0.294270 -0.131932
-4.68E-07 -0.005492 -1.699849
0.75000 -0.007462 -0.262035 -0.131932
-4.68E-07 -0.205313 -1.839173
1.00000 -0.007462 -0.237232 -0.131932
-4.68E-07 -0.405602 -2.025086

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.076573 0.535590 0.271706
0.001106 0.666703 1.669141
0.25000 0.076573 1.188669 0.271706
0.001106 0.329641 3.215545
0.50000 0.076573 2.127754 0.271706
0.001106 0.005470 4.127792
0.75000 0.076573 3.035949 0.271706
0.001106 0.265966 3.760705
1.00000 0.076573 3.959838 0.271706
0.001106 0.536531 2.607136

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.126309 -4.495158 -0.217762
-2.38E-06 -0.547002 -5.301990
0.25000 -0.126309 -3.416813 -0.217762
-2.38E-06 -0.276448 -3.765010
0.50000 -0.126309 -2.598868 -0.217762
-2.38E-06 -0.011098 -4.072529
0.75000 -0.126309 -1.631818 -0.217762
-2.38E-06 -0.346934 -4.436873
1.00000 -0.126309 -0.887726 -0.217762
-2.38E-06 -0.684675 -6.183877
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4386

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.137878 0.795492 0.315603
0.001333 0.774334 2.506545
0.25000 0.137878 1.833888 0.315603
0.001333 0.382710 5.210739
0.50000 0.137878 3.327034 0.315603
0.001333 0.008492 7.128718
0.75000 0.137878 4.771063 0.315603
0.001333 0.297493 6.880929
1.00000 0.137878 6.240046 0.315603
0.001333 0.602584 5.150792

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.098171 -7.259740 -0.245655
-3.51E-06 -0.620211 -8.503972
0.25000 -0.098171 -5.545171 -0.245655
-3.51E-06 -0.315002 -5.946174
0.50000 -0.098171 -4.244638 -0.245655
-3.51E-06 -0.015646 -6.318601
0.75000 -0.098171 -2.707029 -0.245655
-3.51E-06 -0.404180 -6.779024
1.00000 -0.098171 -1.523923 -0.245655
-3.51E-06 -0.796419 -9.436878

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.246674 6.526280 0.303025
0.001103 0.736147 10.519174
0.25000 0.246674 17.595676 0.303025
0.001103 0.365319 36.681565
0.50000 0.246674 33.513473 0.303025
0.001103 0.030734 52.315807
0.75000 0.246674 48.907366 0.303025
0.001103 0.291832 42.291618
1.00000 0.246674 64.567285 0.303025
0.001103 0.575306 12.474244

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.113967 -66.158451 -0.229806
-0.000486 -0.579531 -43.876489
0.25000 -0.113967 -47.880506 -0.229806
-0.000486 -0.296138 -15.380537
0.50000 -0.113967 -34.016336 -0.229806
-0.000486 -0.035540 -18.103093
0.75000 -0.113967 -17.624841 -0.229806
-0.000486 -0.403431 -21.826594
1.00000 -0.113967 -5.012486 -0.229806
-0.000486 -0.780064 -48.803063

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.009772 0.139064 0.107804
6.66E-06 0.254256 1.973549
0.25000 0.009772 0.145867 0.107804
6.66E-06 0.120403 2.012787
0.50000 0.009772 0.164925 0.107804
6.66E-06 0.007694 2.236396
0.75000 0.009772 0.196525 0.107804
6.66E-06 0.094842 2.573028
1.00000 0.009772 0.205090 0.107804
6.66E-06 0.186339 3.012961

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.318027 -0.964642 -0.073655
-0.001237 -0.179029 -7.145931
0.25000 -0.318027 -0.947210 -0.073655
-0.001237 -0.086841 -6.322501
0.50000 -0.318027 -0.929794 -0.073655
-0.001237 -0.018026 -5.641016
0.75000 -0.318027 -0.906486 -0.073655
-0.001237 -0.147905 -5.063818
1.00000 -0.318027 -0.895333 -0.073655
-0.001237 -0.281801 -4.603591
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4387

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.266386 12.810453 0.181828
5.83E-05 0.423292 14.899233
0.25000 0.266386 23.639628 0.181828
5.83E-05 0.216613 49.446623
0.50000 0.266386 53.981210 0.181828
5.83E-05 0.054302 74.655587
0.75000 0.266386 87.890693 0.181828
5.83E-05 0.181513 54.965213
1.00000 0.266386 117.923472 0.181828
5.83E-05 0.330766 15.201775

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.320186 -118.834282 -0.123526
-0.001438 -0.317921 -72.136178
0.25000 -0.320186 -91.082646 -0.123526
-0.001438 -0.163595 -24.696039
0.50000 -0.320186 -57.689875 -0.123526
-0.001438 -0.057317 -28.747349
0.75000 -0.320186 -26.249892 -0.123526
-0.001438 -0.267939 -33.999980
1.00000 -0.320186 -8.495158 -0.123526
-0.001438 -0.493004 -76.956152

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.262541 9.184097 0.298363
0.000429 0.714804 12.711179
0.25000 0.262541 16.873498 0.298363
0.000429 0.357332 37.326529
0.50000 0.262541 58.417545 0.298363
0.000429 0.045385 55.475122
0.75000 0.262541 62.494982 0.298363
0.000429 0.294644 41.901723
1.00000 0.262541 83.819765 0.298363
0.000429 0.572440 14.205377

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.326271 -85.254826 -0.225544
-0.001296 -0.571906 -57.974738
0.25000 -0.326271 -65.549770 -0.225544
-0.001296 -0.290506 -23.579906
0.50000 -0.326271 -41.839224 -0.225544
-0.001296 -0.056139 -25.868713
0.75000 -0.326271 -19.515256 -0.225544
-0.001296 -0.407099 -29.118827
1.00000 -0.326271 -6.908503 -0.225544
-0.001296 -0.777611 -59.236473

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.247996 7.712308 0.385691
0.000772 0.933007 11.468792
0.25000 0.247996 14.094932 0.385691
0.000772 0.464749 31.862331
0.50000 0.247996 31.976535 0.385691
0.000772 0.040113 46.944400
0.75000 0.247996 51.961191 0.385691
0.000772 0.393721 35.810165
1.00000 0.247996 69.661092 0.385691
0.000772 0.775845 13.030225

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.372285 -71.070174 -0.309076
-0.001080 -0.779321 -50.551519
0.25000 -0.372285 -54.714663 -0.309076
-0.001080 -0.393954 -21.746418

0.50000 -0.372285 -35.034533 -0.309076
-0.001080 -0.053145 -23.475694
0.75000 -0.372285 -16.505284 -0.309076
-0.001080 -0.512895 -26.075734
1.00000 -0.372285 -6.041478 -0.309076
-0.001080 -0.992022 -51.028921
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4388

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.287449	9.031401	0.104525
0.000208	0.249814	10.067092	
0.25000	0.287449	16.622847	0.104525
0.000208	0.133392	34.142703	
0.50000	0.287449	37.892448	0.104525
0.000208	0.035018	51.671936	
0.75000	0.287449	61.663167	0.104525
0.000208	0.111889	37.803640	
1.00000	0.287449	82.716296	0.104525
0.000208	0.207808	9.838435	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014767	-83.037876	-0.079595
-4.72E-05	-0.212109	-47.617163	
0.25000	-0.014767	-63.583840	-0.079595
-4.72E-05	-0.112992	-14.201461	
0.50000	-0.014767	-40.175339	-0.079595
-4.72E-05	-0.031874	-17.858977	
0.75000	-0.014767	-18.135753	-0.079595
-4.72E-05	-0.148856	-21.810696	
1.00000	-0.014767	-5.689595	-0.079595
-4.72E-05	-0.278370	-52.161754	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.271247	8.587276	0.269784
0.000698	0.657073	10.817708	
0.25000	0.271247	15.831802	0.269784
0.000698	0.334443	33.927448	
0.50000	0.271247	36.129405	0.269784
0.000698	0.037249	50.873259	
0.75000	0.271247	58.813827	0.269784
0.000698	0.280074	37.911773	
1.00000	0.271247	78.904851	0.269784
0.000698	0.550576	11.574350	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.128054	-79.788850	-0.219867
-4.51E-05	-0.564364	-50.036938	
0.25000	-0.128054	-61.223843	-0.219867
-4.51E-05	-0.290493	-18.108862	
0.50000	-0.128054	-38.885086	-0.219867
-4.51E-05	-0.040845	-20.714698	
0.75000	-0.128054	-17.852685	-0.219867
-4.51E-05	-0.357315	-51.193905	
1.00000	-0.128054	-5.975303	-0.219867
-4.51E-05	-0.692529	-52.931012	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308528	5.852225	0.306383
0.000635	0.738942	10.061024	
0.25000	0.308528	10.560146	0.306383
0.000635	0.366114	24.904175	
0.50000	0.308528	23.750729	0.306383
0.000635	0.033673	36.003240	
0.75000	0.308528	38.492408	0.306383
0.000635	0.308365	28.106927	
1.00000	0.308528	51.548744	0.306383
0.000635	0.608939	11.697670	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.227750	-53.008099	-0.242827
-0.000895	-0.611439	-40.690130	
0.25000	-0.227750	-40.943459	-0.242827
-0.000895	-0.308400	-19.135885	
0.50000	-0.227751	-26.426413	-0.242827
-0.000895	-0.046039	-10.192294	
0.75000	-0.227750	-12.758315	-0.242827
-0.000895	-0.408241	-21.822366	
1.00000	-0.227750	-5.039689	-0.242827
-0.000895	-0.789383	-40.076427	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4389

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298276	5.020670	0.401226
0.000914	0.975517	9.284752	
0.25000	0.298276	8.969447	0.401226
0.000914	0.483158	21.727511	
0.50000	0.298276	20.033070	0.401226
0.000914	0.030941	31.070894	
0.75000	0.298276	32.397677	0.401226
0.000914	0.397700	24.498812	
1.00000	0.298276	43.348700	0.401226
0.000914	0.834514	10.859410	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221007	-44.655887	-0.334532
-0.000746	-0.839167	-35.965278	
0.25000	-0.221007	-34.536650	-0.334532
-0.000746	-0.421833	-17.797680	
0.50000	-0.221007	-22.360454	-0.334532
-0.000746	-0.044383	-18.637108	
0.75000	-0.221007	-10.898315	-0.334532
-0.000746	-0.525090	-19.992220	
1.00000	-0.221007	-4.422305	-0.334532
-0.000746	-1.024054	-35.340067	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102113	0.228916	0.226276
0.000579	0.557340	1.407244	
0.25000	0.102113	0.235719	0.226276
0.000579	0.276146	1.413772	
0.50000	0.102113	0.254778	0.226276
0.000579	0.004113	1.454514	
0.75000	0.102113	0.276078	0.226276
0.000579	0.256322	1.514181	
1.00000	0.102113	0.294942	0.226276
0.000579	0.515076	1.638591	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009352	-0.357146	-0.207959
-2.92E-07	-0.517930	-2.631902	
0.25000	-0.009352	-0.339714	-0.207959
-2.92E-07	-0.258888	-2.548617	
0.50000	-0.009352	-0.318739	-0.207959
-2.92E-07	-0.008768	-2.543919	
0.75000	-0.009352	-0.298990	-0.207959
-2.92E-07	-0.286492	-2.596263	
1.00000	-0.009352	-0.287838	-0.207959
-2.92E-07	-0.567786	-2.731830	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124375	0.572580	0.382589
0.001105	0.941836	2.767396	
0.25000	0.124375	0.797059	0.382589
0.001105	0.466773	3.439195	
0.50000	0.124375	1.425998	0.382589
0.001105	0.007942	4.022426	
0.75000	0.124375	2.128896	0.382589
0.001105	0.420413	3.915438	
1.00000	0.124375	2.751435	0.382589
0.001105	0.846449	3.555850	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.164126	-3.200283	-0.342489
-1.64E-06	-0.855422	-7.376620	
0.25000	-0.164126	-2.625031	-0.342489
-1.64E-06	-0.428926	-5.950690	
0.50000	-0.164126	-1.932843	-0.342489
-1.64E-06	-0.017738	-5.758052	
0.75000	-0.164126	-1.281134	-0.342489
-1.64E-06	-0.485041	-5.747979	
1.00000	-0.164126	-0.913103	-0.342489
-1.64E-06	-0.960749	-6.253517	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4390

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233171	0.393272	0.448759
0.001242	1.105196	4.077632	
0.25000	0.233171	0.399394	0.448759
0.001242	0.547106	4.032959	
0.50000	0.233171	0.416547	0.448759
0.001242	0.011580	4.252389	
0.75000	0.233171	0.435717	0.448759
0.001242	0.479083	4.841441	
1.00000	0.233171	0.452695	0.448759
0.001242	0.970571	5.666438	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.120440	-1.406030	-0.394709
-2.74E-06	-0.989119	-10.139798	
0.25000	-0.120440	-1.390341	-0.394709
-2.74E-06	-0.497067	-9.212286	
0.50000	-0.120440	-1.371463	-0.394709
-2.74E-06	-0.025628	-8.557316	
0.75000	-0.120440	-1.353689	-0.394709
-2.74E-06	-0.567866	-8.095861	
1.00000	-0.120440	-1.343652	-0.394709
-2.74E-06	-1.126102	-7.842220	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362265	5.490432	0.426168
0.001030	1.039145	9.589645	
0.25000	0.362265	7.775926	0.426168
0.001030	0.516765	23.071615	
0.50000	0.362265	21.782959	0.426168
0.001030	0.031557	33.114454	
0.75000	0.362265	35.201913	0.426168
0.001030	0.456074	25.855569	
1.00000	0.362265	47.086744	0.426168
0.001030	0.907760	10.876930	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151195	-48.187529	-0.364202
-0.000470	-0.914368	-36.720626	
0.25000	-0.151195	-37.205412	-0.364202
-0.000470	-0.460380	-17.287773	
0.50000	-0.151195	-23.990936	-0.364202
-0.000470	-0.043147	-18.440733	
0.75000	-0.151195	-11.549234	-0.364202
-0.000470	-0.554958	-20.203817	
1.00000	-0.151195	-4.523178	-0.364202
-0.000470	-1.084831	-36.971392	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.246674	11.547123	0.315603
0.001333	0.774334	16.645912	
0.25000	0.246674	31.836125	0.315603
0.001333	0.382710	64.171197	
0.50000	0.246674	61.010376	0.315603
0.001333	0.048351	92.407253	
0.75000	0.246674	89.224945	0.315603
0.001333	0.297493	73.234503	
1.00000	0.246674	117.927097	0.315603
0.001333	0.602584	17.123167	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.214572	-119.715836	-0.245655
-0.001419	-0.620211	-74.765326	
0.25000	-0.214572	-86.215239	-0.245655
-0.001419	-0.315002	-22.291191	
0.50000	-0.214572	-60.804409	-0.245655
-0.001419	-0.050105	-27.032772	
0.75000	-0.214572	-30.761393	-0.245655
-0.001419	-0.404180	-33.463725	
1.00000	-0.214572	-7.644943	-0.245655
-0.001419	-0.796419	-82.797003	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4391

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362265	12.810253	0.448759
0.001242	1.105196	14.899233	
0.25000	0.362265	23.639628	0.448759
0.001242	0.547106	49.446623	
0.50000	0.362265	53.981210	0.448759
0.001242	0.054302	74.655587	
0.75000	0.362265	87.690693	0.448759
0.001242	0.479083	54.962543	
1.00000	0.362265	117.923472	0.448759
0.001242	0.970571	15.201775	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.372285	-118.834282	-0.394709
-0.001438	-0.989119	-72.136178	
0.25000	-0.372285	-91.082646	-0.394709
-0.001438	-0.497067	-24.696039	
0.50000	-0.372285	-57.689875	-0.394709
-0.001438	-0.057317	-28.743739	
0.75000	-0.372285	-26.249892	-0.394709
-0.001438	-0.567866	-33.999980	
1.00000	-0.372285	-8.495158	-0.394709
-0.001438	-1.126102	-76.956152	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362265	12.810253	0.448759
0.001333	1.105196	16.645912	
0.25000	0.362265	31.836125	0.448759
0.001333	0.547106	64.171197	
0.50000	0.362265	61.010376	0.448759
0.001333	0.054302	92.407253	
0.75000	0.362265	89.224945	0.448759
0.001333	0.479083	73.234503	
1.00000	0.362265	117.927097	0.448759
0.001333	0.970571	17.123167	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.372285	-119.715836	-0.394709
-0.001438	-0.989119	-74.765326	
0.25000	-0.372285	-91.082646	-0.394709
-0.001438	-0.497067	-24.696039	
0.50000	-0.372285	-60.804409	-0.394709
-0.001438	-0.057317	-28.743739	
0.75000	-0.372285	-30.761393	-0.394709
-0.001438	-0.567866	-33.999980	
1.00000	-0.372285	-8.495158	-0.394709
-0.001438	-1.126102	-82.797003	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362265	12.810253	0.448759
0.001333	1.105196	16.645912	
0.25000	0.362265	31.836125	0.448759
0.001333	0.547106	64.171197	
0.50000	0.362265	61.010376	0.448759
0.001333	0.054302	92.407253	
0.75000	0.362265	89.224945	0.448759
0.001333	0.479083	73.234503	
1.00000	0.362265	117.927097	0.448759
0.001333	0.970571	17.123167	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.372285	-119.715836	-0.394709
-0.001438	-0.989119	-74.765326	
0.25000	-0.372285	-91.082646	-0.394709
-0.001438	-0.497067	-24.696039	
0.50000	-0.372285	-60.804409	-0.394709
-0.001438	-0.057317	-28.743739	
0.75000	-0.372285	-30.761393	-0.394709
-0.001438	-0.567866	-33.999980	
1.00000	-0.372285	-8.495158	-0.394709
-0.001438	-1.126102	-82.797003	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4392

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 425 ========== LENGTH = 4.972406

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070412	0.120896	0.105218
6.48E-06	0.255433	2.722425	
0.25000	0.070412	0.144562	0.105218
6.48E-06	0.124703	3.021342	
0.50000	0.070412	0.175957	0.105218
6.48E-06	0.010624	3.430454	
0.75000	0.070412	0.205533	0.105218
6.48E-06	0.102306	3.964785	
1.00000	0.070412	0.236718	0.105218
6.48E-06	0.195519	4.533064	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079279	-0.777569	-0.075006
-0.001172	-0.177738	-3.170435	
0.25000	-0.079279	-0.745998	-0.075006
-0.001172	-0.084728	-2.959378	
0.50000	-0.079279	-0.716475	-0.075006
-0.001172	-0.007585	-2.802903	
0.75000	-0.079279	-0.685016	-0.075006
-0.001172	-0.119219	-2.764122	
1.00000	-0.079279	-0.661066	-0.075006
-0.001172	-0.267927	-2.544542	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.151905	10.906532	0.165454
6.00E-05	0.407752	17.161810	
0.25000	0.151905	32.963760	0.165454
6.00E-05	0.212621	71.744918	
0.50000	0.151905	62.223898	0.165454
6.00E-05	0.062829	98.389825	
0.75000	0.151905	89.788627	0.165454
6.00E-05	0.164036	76.790787	
1.00000	0.151905	118.852743	0.165454
6.00E-05	0.296852	20.153788	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.126016	-119.941719	-0.111741
-0.001471	-0.285609	-82.800518	
0.25000	-0.126016	-90.517965	-0.111741
-0.001471	-0.149966	-31.861170	
0.50000	-0.126016	-63.002547	-0.111741
-0.001471	-0.053753	-31.787170	
0.75000	-0.126016	-33.682319	-0.111741
-0.001471	-0.236865	-32.354069	
1.00000	-0.126016	-11.361633	-0.111741
-0.001471	-0.442515	-82.492244	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144322	7.542354	0.234311
0.000436	0.583616	15.014351	
0.25000	0.144322	22.556782	0.234311
0.000436	0.299894	52.375479	
0.50000	0.144322	42.478908	0.234311
0.000436	0.056074	70.896024	
0.75000	0.144322	61.244810	0.234311
0.000436	0.205966	56.799244	
1.00000	0.144322	81.031486	0.234311
0.000436	0.393797	18.984288	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181085	-82.389325	-0.154526
-0.001276	-0.393051	-59.590998	
0.25000	-0.181085	-62.357810	-0.154526
-0.001276	-0.203191	-24.776528	
0.50000	-0.181085	-43.625479	-0.154526
-0.001276	-0.045858	-24.590882	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4393

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.181085	-23.664444	-0.154526
-0.001276	-0.309705	-24.841497	
1.00000	-0.181085	-8.468655	-0.154526
-0.001276	-0.600742	-58.839870	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.133499	6.322361	0.294942
0.000782	0.737986	13.277925	
0.25000	0.133499	18.782801	0.294942
0.000782	0.377613	44.380305	
0.50000	0.133499	35.312268	0.294942
0.000782	0.051096	59.913875	
0.75000	0.133499	50.883974	0.294942
0.000782	0.254870	48.442628	
1.00000	0.133499	67.302705	0.294942
0.000782	0.499348	17.343317	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.190924	-68.612792	-0.199522
-0.001063	-0.508127	-50.827829	
0.25000	-0.190924	-51.990897	-0.199522
-0.001063	-0.261952	-21.916620	
0.50000	-0.190924	-36.447047	-0.199522
-0.001063	-0.042887	-21.740319	
0.75000	-0.190924	-19.883635	-0.199522
-0.001063	-0.378188	-21.926258	
1.00000	-0.190924	-7.274364	-0.199522
-0.001063	-0.744604	-50.115787	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082190	9.144026	0.077489
0.000205	0.197936	12.910440	
0.25000	0.082190	27.604838	0.077489
0.000205	0.110600	58.423062	
0.50000	0.082190	52.092937	0.077489
0.000205	0.046930	80.478838	
0.75000	0.082190	75.162131	0.077489
0.000205	0.064569	62.200331	
1.00000	0.082190	99.486176	0.077489
0.000205	0.114952	14.300481	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079260	-100.050502	-0.044600
-0.000169	-0.128747	-67.360712	
0.25000	-0.079260	-75.425472	-0.044600
-0.000169	-0.075872	-24.835946	
0.50000	-0.079260	-52.397546	-0.044600
-0.000169	-0.040743	-24.881090	
0.75000	-0.079260	-27.858158	-0.044600
-0.000169	-0.114279	-25.462793	
1.00000	-0.079260	-9.178756	-0.044600
-0.000169	-0.210437	-67.531100	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090589	8.529117	0.188142
0.000688	0.478636	13.974037	
0.25000	0.090589	25.711035	0.188142
0.000688	0.253392	56.440622	
0.50000	0.090589	48.537803	0.188142
0.000688	0.052663	77.229735	
0.75000	0.090589	69.975899	0.188142
0.000688	0.149597	60.510666	
1.00000	0.090589	92.615973	0.188142
0.000688	0.292032	16.562433	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.150395	-93.558394	-0.118449
-7.02E-05	-0.317383	-64.920795	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4394

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.150395	-70.638173	-0.118449
-7.02E-05	-0.172548	-25.270056	
0.50000	-0.150395	-49.204489	-0.118449
-7.02E-05	-0.044977	-25.241896	
0.75000	-0.150395	-26.364912	-0.118449
-7.02E-05	-0.245077	-25.712910	
1.00000	-0.150395	-8.977769	-0.118449
-7.02E-05	-0.478663	-64.798561	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123345	6.279325	0.231003
0.000624	0.578104	13.553082	
0.25000	0.123345	18.441567	0.231003
0.000624	0.297214	43.773390	
0.50000	0.123345	34.575456	0.231003
0.000624	0.050417	58.847879	
0.75000	0.123345	49.774506	0.231003
0.000624	0.197963	47.642785	
1.00000	0.123345	65.800310	0.231003
0.000624	0.384909	17.380002	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.186254	-67.112251	-0.153242
-0.000909	-0.391589	-49.294051	
0.25000	-0.186254	-50.888145	-0.153242
-0.000909	-0.202935	-21.065858	
0.50000	-0.186254	-35.716285	-0.153242
-0.000909	-0.040594	-20.884556	
0.75000	-0.186254	-19.549262	-0.153242
-0.000909	-0.299239	-21.056595	
1.00000	-0.186254	-7.241751	-0.153242
-0.000909	-0.586028	-48.562089	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114649	5.315711	0.296788
0.000922	0.744488	11.870517	
0.25000	0.114649	15.504202	0.296788
0.000922	0.380807	37.360436	
0.50000	0.114649	29.019749	0.296788
0.000922	0.046043	50.158133	
0.75000	0.114649	41.752170	0.296788
0.000922	0.253757	40.947512	
1.00000	0.114649	55.177172	0.296788
0.000922	0.503078	15.775245	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178082	-56.387463	-0.202968
-0.000758	-0.518297	-42.546475	
0.25000	-0.178082	-42.796341	-0.202968
-0.000758	-0.267512	-18.890600	
0.50000	-0.178082	-30.086698	-0.202968
-0.000758	-0.038855	-18.730974	
0.75000	-0.178082	-16.543395	-0.202968
-0.000758	-0.375720	-18.866635	
1.00000	-0.178082	-6.233250	-0.202968
-0.000758	-0.744313	-41.900518	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023549	0.105888	0.161550

```
0.000620     0.406553     0.831513
0.25000      0.023549     0.129554     0.161550
0.000620     0.205746     1.111297
0.50000      0.023549     0.160949     0.161550
0.000620     0.005841     1.389376
0.75000      0.023549     0.190525     0.161550
0.000620     0.138816     1.640715
1.00000      0.023549     0.221710     0.161550
0.000620     0.284893     1.872186
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4395

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.051989    -0.392254    -0.117516
-5.12E-07    -0.299494    -1.985625
0.25000     -0.051989    -0.360683    -0.117516
-5.12E-07    -0.153428    -1.924486
0.50000     -0.051989    -0.331160    -0.117516
-5.12E-07    -0.007261    -1.918001
0.75000     -0.051989    -0.299701    -0.117516
-5.12E-07    -0.196014    -1.913622
1.00000     -0.051989    -0.275752    -0.117516
-5.12E-07    -0.396778    -1.962585

COMB DB-G3-2 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.048424     0.522745     0.270637
0.001107     0.682716     2.526762
0.25000      0.048424     1.232742     0.270637
0.001107     0.346738     4.517253
0.50000      0.048424     2.174592     0.270637
0.001107     0.013617     5.802066
0.75000      0.048424     3.061868     0.270637
0.001107     0.228186     5.671055
1.00000      0.048424     3.997409     0.270637
0.001107     0.468231     4.524045

COMB DB-G3-2 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.111028    -4.454931    -0.193265
-3.30E-06    -0.493639    -6.121088
0.25000     -0.111028    -3.507814    -0.193265
-3.30E-06    -0.253501    -4.441158
0.50000     -0.111028    -2.622125    -0.193265
-3.30E-06    -0.014247    -4.398736
0.75000     -0.111028    -1.678341    -0.193265
-3.30E-06    -0.327706    -4.378460
1.00000     -0.111028    -0.959864    -0.193265
-3.30E-06    -0.664038    -5.954168

COMB DB-G3-3 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.068867     0.826533     0.312978
0.001260     0.790943     5.069375
0.25000      0.068867     1.955428     0.312978
0.001260     0.402905     8.235483
0.50000      0.068867     3.452969     0.312978
0.001260     0.022813    10.210214
0.75000      0.068867     4.863739     0.312978
0.001260     0.250683    10.001140
1.00000      0.068867     6.351248     0.312978
0.001260     0.516422     8.191273

COMB DB-G3-3 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.169063    -7.189088    -0.214055
-4.96E-06    -0.549362    -9.369681
0.25000     -0.169063    -5.683173    -0.214055
-4.96E-06    -0.283451    -6.639715
0.50000     -0.169063    -4.274926    -0.214055
-4.96E-06    -0.019976    -6.513257
0.75000     -0.169063    -2.774310    -0.214055
-4.96E-06    -0.378464    -6.420972
1.00000     -0.169063    -1.631931    -0.214055
-4.96E-06    -0.767265    -8.866012

COMB DB-G3-4 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.114062     6.219040     0.308877
0.001043     0.727075     12.427082
0.25000      0.114062     18.253482    0.308877
0.001043     0.399282     42.444048
0.50000      0.114062     34.217839    0.308877
0.001043     0.048501     57.385272
0.75000      0.114062     49.257179    0.308877
0.001043     0.262949     46.225963
1.00000      0.114062     65.114582    0.308877
0.001043     0.523256     11.124986
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4396

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.180844    -66.237407    -0.212105
-0.000511    -0.546470    -48.742567
0.25000     -0.180844    -50.183781    -0.212105
-0.000511    -0.284659    -20.881108
0.50000     -0.180844    -35.171346    -0.212105
-0.000511    -0.041919    -20.772156
0.75000     -0.180844    -19.174204    -0.212105
-0.000511    -0.390412    -21.013978
1.00000     -0.180844    -6.996019     -0.212105
-0.000511    -0.774096    -48.302091

COMB DL-G1-1 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.106222     0.206276     0.130828
5.32E-06     0.316534     3.027461
0.25000      0.106222     0.214229     0.130828
5.32E-06     0.114080     3.205724
0.50000      0.106222     0.233432     0.130828
5.32E-06     0.011451     3.495136
0.75000      0.106222     0.254381     0.130828
5.32E-06     0.117995     3.892885
1.00000      0.106222     0.272785     0.130828
5.32E-06     0.225960     4.483714

COMB DL-G1-1 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.184371    -0.873278    -0.087102
-0.001196    -0.207522    -4.638899
0.25000     -0.184371    -0.854969    -0.087102
-0.001196    -0.099689    -4.115492
0.50000     -0.184371    -0.834035    -0.087102
-0.001196    -0.010282    -3.735590
0.75000     -0.184371    -0.814778    -0.087102
-0.001196    -0.171981    -3.474904
1.00000     -0.184371    -0.806428    -0.087102
-0.001196    -0.334649    -3.409039

COMB DL-G1-2 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.220945     12.457197    0.208235
 4.89E-05    0.510412     15.221750
0.25000      0.220945     25.119091    0.208235
 4.89E-05    0.267860     54.963676
0.50000      0.220945     55.690101    0.208235
 4.89E-05    0.066038     78.738670
0.75000      0.220945     89.041190    0.208235
 4.89E-05    0.204121     57.308742
1.00000      0.220945     118.339814   0.208235
 4.89E-05    0.362044     18.713197

COMB DL-G1-2 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.257742    -119.680178   -0.140508
-0.001409    -0.364773    -76.971779
0.25000     -0.257742    -90.531468    -0.140508
-0.001409    -0.190952    -31.282499
0.50000     -0.257742    -57.204210    -0.140508
-0.001409    -0.048731    -31.128588
0.75000     -0.257742    -26.548481    -0.140508
-0.001409    -0.294555    -31.216848
1.00000     -0.257742    -13.254837    -0.140508
-0.001409    -0.550844    -75.273135

COMB DL-G1-3 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.215324     9.074089     0.316661
0.000355     0.788672     14.210569
0.25000      0.215324     18.064670    0.316661
0.000355     0.406551     42.549366
0.50000      0.215324     39.771624    0.316661
0.000355     0.060812     59.712098
0.75000      0.215324     63.452573    0.316661
 0.000355    0.291683     44.980224
1.00000      0.215324     84.256068    0.316661
 0.000355    0.557572     18.251315
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4397

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.288667    -85.803104    -0.223899
-0.001236    -0.574332    -59.249641
0.25000     -0.288667    -65.010655    -0.223899
-0.001236    -0.296603    -26.351469
0.50000     -0.288667    -41.442027    -0.223899
-0.001236    -0.046626    -25.945077
0.75000     -0.288667    -19.674919    -0.223899
-0.001236    -0.411873    -25.836485
1.00000     -0.288667    -10.235764    -0.223899
-0.001236    -0.804007    -57.085427

COMB DL-G1-4 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.204897     7.638637     0.398547
0.000696     0.997601     13.007469
0.25000      0.204897     15.100962    0.398547
 0.000696    0.511542     36.604613
0.50000      0.204897     33.118080    0.398547
 0.000696    0.056103     50.983821
0.75000      0.204897     52.773644    0.398547
 0.000696    0.378115     39.994290
1.00000      0.204897     70.040877    0.398547
 0.000696    0.731691     17.080245

COMB DL-G1-4 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.296870    -71.502913    -0.296711
-0.001030    -0.758502    -51.022579
0.25000     -0.296870    -54.324033    -0.296711
-0.001030    -0.389963    -23.634141
0.50000     -0.296870    -34.682513    -0.296711
-0.001030    -0.044950    -23.253594
0.75000     -0.296870    -16.615427    -0.296711
-0.001030    -0.504937    -23.178668
1.00000     -0.296870    -8.780817     -0.296711
-0.001030    -0.999281    -49.159619

COMB DL-G2-1 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.127022     8.764483     0.100777
0.000170     0.256841     9.839552
0.25000      0.127022     17.640534    0.100777
 0.000170    0.142737     37.543535
0.50000      0.127022     39.070966    0.100777
 0.000170    0.043075     54.037490
0.75000      0.127022     62.450247    0.100777
 0.000170    0.096989     38.948292
1.00000      0.127022     82.988730    0.100777
 0.000170    0.174855     11.741562

COMB DL-G2-1 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.096948    -83.688407    -0.071567
-0.000160    -0.200645    -52.144054
0.25000     -0.096948    -63.255015    -0.071567
-0.000160    -0.111966    -20.784423
0.50000     -0.096948    -39.892439    -0.071567
-0.000160    -0.030907    -20.382115
0.75000     -0.096948    -18.402619    -0.071567
-0.000160    -0.137909    -20.573010
1.00000     -0.096948    -9.083708     -0.071567
-0.000160    -0.261691    -51.513381

COMB DL-G2-2 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.133836     8.463074     0.260796
0.000589     0.663190     11.550374
0.25000      0.133836     16.933499    0.260796
 0.000589    0.349510     38.138844
0.50000      0.133836     37.384583    0.260796
 0.000589    0.051030     54.142775
0.75000      0.133836     59.695456    0.260796
 0.000589    0.240807     40.060627
1.00000      0.133836     79.255372    0.260796
 0.000589    0.472323     11.517481
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4398

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.164545    -80.348835    -0.195302
-5.60E-05    -0.516055    -52.904266
0.25000     -0.164545    -60.849227    -0.195302
-5.60E-05    -0.273626    -22.275683
0.50000     -0.164545    -38.554296    -0.195302
-5.60E-05    -0.038708    -22.193715
0.75000     -0.164545    -18.046538    -0.195302
-5.60E-05    -0.326948    -22.321898
1.00000     -0.164545    -9.153490     -0.195302
-5.60E-05    -0.650116    -51.864661

COMB DL-G2-3 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.188210     5.895575     0.317845
0.000536     0.795912     11.693276
0.25000      0.188210     11.400158    0.317845
 0.000536    0.407774     28.945107
0.50000      0.188210     24.690483    0.317845
 0.000536    0.047993     39.551565
0.75000      0.188210     39.189408    0.317845
 0.000536    0.289644     31.055819
1.00000      0.188210     51.926580    0.317845
 0.000536    0.570363     15.357578

COMB DL-G2-3 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.249464    -53.324479    -0.231729
-0.000857    -0.592876    -40.082037
0.25000     -0.249464    -40.652480    -0.231729
-0.000857    -0.305037    -16.655944
0.50000     -0.249464    -26.163915    -0.231729
-0.000857    -0.038145    -19.198532
0.75000     -0.249464    -12.836761    -0.231729
-0.000857    -0.400746    -18.779881
1.00000     -0.249464    -7.057533     -0.231729
-0.000857    -0.795031    -37.742300

COMB DL-G2-4 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.184384     5.030777     0.408815
0.000839     1.026400     10.826453
0.25000      0.184384     9.647555     0.408815
0.000839     0.524123     25.401915
0.50000      0.184384     20.795036    0.408815
0.000839     0.045314     34.438513
0.75000      0.184384     32.956033    0.408815
0.000839     0.385210     27.508653
1.00000      0.184384     43.639357    0.408815
0.000839     0.769110     14.558737

COMB DL-G2-4 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.246435    -44.939859    -0.314262
-0.000714    -0.811541    -35.321789
0.25000     -0.246435    -34.311180    -0.314262
-0.000714    -0.410922    -18.140982
0.50000     -0.246435    -22.158872    -0.314262
-0.000714    -0.038038    -17.740678
0.75000     -0.246435    -10.980700    -0.314262
-0.000714    -0.507513    -17.431068
1.00000     -0.246435    -6.133363     -0.314262
-0.000714    -1.015308    -33.396792

COMB DL-G3-1 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.060171     0.158528     0.223546
0.000620     0.563542     1.592628
0.25000      0.060171     0.166481     0.223546
0.000620     0.285715     1.764577
0.50000      0.060171     0.185684     0.223546
0.000620     0.007987     1.978347
0.75000      0.060171     0.206933     0.223546
0.000620     0.226965     2.265092
1.00000      0.060171     0.225037     0.223546
0.000620     0.464835     2.575168
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4399

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.069596    -0.413556    -0.191257
-3.02E-07    -0.485046    -2.694013
0.25000     -0.069596    -0.395246    -0.191257
-3.02E-07    -0.247174    -2.600153
0.50000     -0.069596    -0.374312    -0.191257
-3.02E-07    -0.009620    -2.579652
0.75000     -0.069596    -0.355056    -0.191257
-3.02E-07    -0.269978    -2.648877
1.00000     -0.069596    -0.346706    -0.191257
-3.02E-07    -0.547902    -2.775715

COMB DL-G3-2 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.091664     0.559220     0.376267
0.001081     0.950238     3.481920
0.25000      0.091664     0.818384     0.376267
0.001081     0.482878     4.518525
0.50000      0.091664     1.452079     0.376267
0.001081     0.016557     5.356035
0.75000      0.091664     2.143402     0.376267
0.001081     0.436695     5.963920
1.00000      0.091664     2.755723     0.376267
0.001081     0.757749     5.402132

COMB DL-G3-2 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.149462    -3.217024    -0.312361
-1.98E-06    -0.794083    -6.583450
0.25000     -0.149462    -2.612811    -0.312361
-1.98E-06    -0.405613    -5.441688
0.50000     -0.149462    -1.921982    -0.312361
-1.98E-06    -0.017930    -5.330059
0.75000     -0.149462    -1.286530    -0.312361
-1.98E-06    -0.452996    -5.394874
1.00000     -0.149462    -1.010971    -0.312361
-1.98E-06    -0.920800    -6.439353

COMB DL-G3-3 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.130639     0.500552     0.437467
0.001171     1.108229     5.598470
0.25000      0.130639     0.507710     0.437467
0.001171     0.564249     5.813787
0.50000      0.130639     0.524992     0.437467
0.001171     0.024212     6.299458
0.75000      0.130639     0.543847     0.437467
0.001171     0.413538     7.231533
1.00000      0.130639     0.560410     0.437467
0.001171     0.851371     8.383248

COMB DL-G3-3 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.192058    -1.400641    -0.352821
-2.75E-06    -0.900027    -7.793876
0.25000     -0.192058    -1.384162    -0.352821
-2.75E-06    -0.461217    -7.234448
0.50000     -0.192058    -1.365322    -0.352821
-2.75E-06    -0.023952    -6.917920
0.75000     -0.192058    -1.347991    -0.352821
-2.75E-06    -0.522188    -6.836918
1.00000     -0.192058    -1.340476    -0.352821
-2.75E-06    -1.066550    -6.951789

COMB DL-G3-4 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.200006     5.429706     0.427989
0.000981     1.077905     10.831319
0.25000      0.200006     10.440380    0.427989
 0.000981    0.552033     26.618117
0.50000      0.200006     22.538204    0.427989
 0.000981    0.046039     36.337915
0.75000      0.200006     35.736185    0.427989
 0.000981    0.410794     28.703012
1.00000      0.200006     47.304490    0.427989
 0.000981    0.823471     14.464548
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4400

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.234854    -48.542768    -0.337747
-0.000475    -0.864344    -36.934372
0.25000     -0.234854    -37.007789    -0.337747
-0.000475    -0.444789    -18.446304
0.50000     -0.234854    -23.819238    -0.337747
-0.000475    -0.038927    -18.180447
0.75000     -0.234854    -11.687888    -0.337747
-0.000475    -0.528638    -18.091794
1.00000     -0.234854    -6.427212     -0.337747
-0.000475    -1.060008    -35.586409

COMB     DB ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.151905     10.906532    0.312978
 0.001260    0.790943     17.161810
0.25000      0.151905     32.963760    0.312978
 0.001260    0.402905     71.744918
0.50000      0.151905     62.223898    0.312978
 0.001260    0.062829     98.389825
0.75000      0.151905     89.788627    0.312978
 0.001260    0.262949     76.790787
1.00000      0.151905     118.852743   0.312978
 0.001260    0.523256     20.153788

COMB     DB ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.190924    -119.941719   -0.214055
-0.001471    -0.549362    -82.800518
0.25000     -0.190924    -90.517965    -0.214055
-0.001471    -0.284659    -31.861170
0.50000     -0.190924    -63.002547    -0.214055
-0.001471    -0.053753    -31.787170
0.75000     -0.190924    -33.682319    -0.214055
-0.001471    -0.390412    -32.354069
1.00000     -0.190924    -11.361633    -0.214055
-0.001471    -0.774096    -82.492244

COMB     DL ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.220945     12.457197    0.437467
 0.001171    1.108229     15.221750
0.25000      0.220945     25.119091    0.437467
 0.001171    0.564249     54.963676
0.50000      0.220945     55.690101    0.437467
 0.001171    0.066038     78.738670
0.75000      0.220945     89.041190    0.437467
 0.001171    0.413538     57.308742
1.00000      0.220945     118.339814   0.437467
 0.001171    0.851371     18.713197

COMB     DL ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.296870    -119.680178   -0.352821
-0.001409    -0.900027    -76.971779
0.25000     -0.296870    -90.531468    -0.352821
-0.001409    -0.461217    -31.282499
0.50000     -0.296870    -57.204210    -0.352821
-0.001409    -0.048731    -31.128588
0.75000     -0.296870    -26.548481    -0.352821
-0.001409    -0.294555    -31.216848
1.00000     -0.296870    -13.254837    -0.352821
-0.001409    -1.066550    -75.273135

COMB     CAR ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.220945     12.457197    0.437467
 0.001260    1.108229     17.161810
0.25000      0.220945     32.963760    0.437467
 0.001260    0.564249     71.744918
0.50000      0.220945     62.223898    0.437467
 0.001260    0.066038     98.389825
0.75000      0.220945     89.788627    0.437467
 0.001260    0.413538     76.790787
1.00000      0.220945     118.852743   0.437467
 0.001260    0.851371     20.153788
Program   SAP2000   Nonlinear   Version   7.42
                File:하행S06-S1003.OUT

                        Page
<               MOVING          LOAD          >
                                 4401

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     CAR ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.296870    -119.941719   -0.352821
-0.001471    -0.900027    -82.800518
0.25000     -0.296870    -90.531468    -0.352821
-0.001471    -0.461217    -31.861170
0.50000     -0.296870    -63.002547    -0.352821
-0.001471    -0.053753    -31.787170
0.75000     -0.296870    -33.682319    -0.352821
-0.001471    -0.528638    -32.354069
1.00000     -0.296870    -13.254837    -0.352821
-0.001471    -1.066550    -82.492244

COMB  DESIGN ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.220945     12.457197    0.437467
 0.001260    1.108229     17.161810
0.25000      0.220945     32.963760    0.437467
 0.001260    0.564249     71.744918
0.50000      0.220945     62.223898    0.437467
 0.001260    0.066038     98.389825
0.75000      0.220945     89.788627    0.437467
 0.001260    0.413538     76.790787
1.00000      0.220945     118.852743   0.437467
 0.001260    0.851371     20.153788

COMB  DESIGN ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.296870    -119.941719   -0.352821
-0.001471    -0.900027    -82.800518
0.25000     -0.296870    -90.531468    -0.352821
-0.001471    -0.461217    -31.861170
0.50000     -0.296870    -63.002547    -0.352821
-0.001471    -0.053753    -31.787170
0.75000     -0.296870    -33.682319    -0.352821
-0.001471    -0.528638    -32.354069
1.00000     -0.296870    -13.254837    -0.352821
-0.001471    -1.066550    -82.492244

ELEM      426 ================== LENGTH
=     4.973393

COMB DB-G1-1 ---------- MAX

REL DIST          P            V2           V3
       T          M2           M3
0.00000      0.125895     0.141611     0.116645
5.46E-06     0.284652     4.559284
0.25000      0.125895     0.165381     0.116645
5.46E-06     0.139633     4.911350
0.50000      0.125895     0.196778     0.116645
5.46E-06     0.016720     5.388013
0.75000      0.125895     0.226305     0.116645
5.46E-06     0.129172     6.001050
1.00000      0.125895     0.257540     0.116645
5.46E-06     0.247477     6.652375

COMB DB-G1-1 ---------- MIN

REL DIST          P            V2           V3
       T          M2           M3
0.00000     -0.082389    -0.842420    -0.095232
-0.001018    -0.226573    -2.570576
0.25000     -0.082389    -0.811112    -0.095232
-0.001018    -0.108405    -2.443116
```

0.50000	-0.082389	-0.781595	-0.095232
-0.001018	-0.006431	-2.369522	
0.75000	-0.082389	-0.750191	-0.095232
-0.001018	-0.150484	-2.297263	
1.00000	-0.082389	-0.726307	-0.095232
-0.001018	-0.295511	-2.278563	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217280	10.890429	0.173738
5.66E-05	0.433943	20.146706	
0.25000	0.217280	33.043746	0.173738
5.66E-05	0.227685	77.918317	
0.50000	0.217280	62.306321	0.173738
5.66E-05	0.073428	101.836008	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4402

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.217280	89.825046	0.173738
5.66E-05	0.199296	80.193295	
1.00000	0.217280	118.936147	0.173738
5.66E-05	0.364197	23.651634	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178611	-120.086737	-0.137228
-0.001286	-0.343723	-82.550755	
0.25000	-0.178611	-90.908129	-0.137228
-0.001286	-0.178171	-31.715333	
0.50000	-0.178611	-63.398069	-0.137228
-0.001286	-0.051033	-30.996422	
0.75000	-0.178611	-34.129637	-0.137228
-0.001286	-0.243535	-31.300460	
1.00000	-0.178611	-11.869947	-0.137228
-0.001286	-0.459514	-81.520745	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193034	7.546344	0.226261
0.000374	0.572150	18.952024	
0.25000	0.193034	22.628189	0.226261
0.000374	0.297888	58.532654	
0.50000	0.193034	42.549974	0.226261
0.000374	0.069462	75.263096	
0.75000	0.193034	61.284556	0.226261
0.000374	0.222852	61.218376	
1.00000	0.193034	81.103219	0.226261
0.000374	0.424292	23.557738	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.229734	-82.567902	-0.165221
-0.001302	-0.414844	-58.874596	
0.25000	-0.229734	-62.703281	-0.165221
-0.001302	-0.212829	-24.221632	
0.50000	-0.229734	-43.374598	-0.165221
-0.001302	-0.042662	-23.687710	
0.75000	-0.229734	-24.048961	-0.165221
-0.001302	-0.292913	-23.850272	
1.00000	-0.229734	-8.894561	-0.165221
-0.001302	-0.573906	-57.995515	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.208280	6.340327	0.274320
0.000660	0.697024	17.295493	
0.25000	0.208280	18.855049	0.274320
0.000660	0.361847	50.282585	
0.50000	0.208280	35.385892	0.274320
0.000660	0.065057	64.373646	
0.75000	0.208280	50.931610	0.274320
0.000660	0.255850	52.975194	
1.00000	0.208280	67.376883	0.274320
0.000660	0.497986	22.028069	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.236440	-68.784757	-0.197436
-0.001084	-0.496396	-50.127407	
0.25000	-0.236440	-52.301348	-0.197436
-0.001084	-0.255740	-21.373394	
0.50000	-0.236440	-36.760526	-0.197436
-0.001084	-0.039650	-20.930927	
0.75000	-0.236440	-20.226487	-0.197436
-0.001084	-0.343824	-21.066521	
1.00000	-0.236440	-7.651560	-0.197436
-0.001084	-0.684576	-49.400570	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088919	9.117557	0.065457
0.000192	0.173989	14.257379	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4403

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.088919	27.657886	0.065457
0.000192	0.100993	62.400673	
0.50000	0.088919	52.148024	0.065457
0.000192	0.051872	82.125848	
0.75000	0.088919	75.178717	0.065457
0.000192	0.060985	63.623449	
1.00000	0.088919	99.542085	0.065457
0.000192	0.106485	15.888461	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.132334	-100.131392	-0.040360
-0.000214	-0.115162	-67.552513	
0.25000	-0.132334	-75.711527	-0.040360
-0.000214	-0.068450	-25.064608	
0.50000	-0.132334	-52.688087	-0.040360
-0.000214	-0.039136	-24.519621	
0.75000	-0.132334	-28.193215	-0.040360
-0.000214	-0.095216	-24.830513	
1.00000	-0.132334	-9.563693	-0.040360
-0.000214	-0.176527	-66.916806	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107215	8.514542	0.157588
0.000586	0.413050	16.492528	
0.25000	0.107215	25.771310	0.157588
0.000586	0.225171	61.465830	
0.50000	0.107215	48.565977	0.157588
0.000586	0.061588	80.150867	
0.75000	0.107215	70.002237	0.157588
0.000586	0.131071	63.405020	
1.00000	0.107215	92.678910	0.157588
0.000586	0.252849	19.547759	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.206235	-93.685020	-0.101461
-0.000252	-0.271216	-64.801068	
0.25000	-0.206235	-70.955761	-0.101461
-0.000252	-0.148351	-25.238897	
0.50000	-0.206235	-49.526251	-0.101461
-0.000252	-0.042511	-24.715901	
0.75000	-0.206235	-26.727177	-0.101461
-0.000252	-0.198975	-24.989533	
1.00000	-0.206235	-9.387392	-0.101461
-0.000252	-0.394504	-64.146420	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167166	6.280849	0.215043
0.000532	0.547808	17.324498	
0.25000	0.167166	18.496073	0.215043
0.000532	0.286199	49.354380	
0.50000	0.167166	34.631307	0.215043
0.000532	0.063248	63.003604	
0.75000	0.167166	49.804990	0.215043
0.000532	0.200371	51.859826	
1.00000	0.167166	65.856701	0.215043
0.000532	0.386950	21.733784	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.228861	-67.279052	-0.152837
-0.001006	-0.387228	-48.576555	
0.25000	-0.228861	-51.190118	-0.152837
-0.001006	-0.199641	-20.508465	
0.50000	-0.228861	-36.021213	-0.152837
-0.001006	-0.037613	-20.074362	
0.75000	-0.228861	-19.882861	-0.152837
-0.001006	-0.271691	-20.204344	
1.00000	-0.228861	-7.608872	-0.152837
-0.001006	-0.538714	-47.857887	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4404

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.168203	5.333217	0.270122
0.000780	0.689038	15.707471	
0.25000	0.168203	15.566053	0.270122
0.000780	0.358016	42.749101	
0.50000	0.168203	29.082725	0.270122
0.000780	0.059330	54.387103	
0.75000	0.168203	41.793896	0.270122
0.000780	0.241634	45.256719	
1.00000	0.168203	55.240601	0.270122
0.000780	0.476010	20.221152	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230649	-56.547127	-0.190825
-0.000839	-0.484846	-41.894288	
0.25000	-0.230649	-43.069240	-0.190825
-0.000839	-0.249651	-18.387914	
0.50000	-0.230649	-30.362072	-0.190825
-0.000839	-0.035643	-18.030860	
0.75000	-0.230649	-16.842787	-0.190825
-0.000839	-0.333143	-18.146655	
1.00000	-0.230649	-6.560724	-0.190825
-0.000839	-0.668700	-41.319257	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034217	0.127371	0.141776
0.000522	0.362072	1.839251	
0.25000	0.034217	0.151141	0.141776
0.000522	0.185808	2.181445	
0.50000	0.034217	0.182538	0.141776
0.000522	0.009762	2.509473	
0.75000	0.034217	0.212065	0.141776
0.000522	0.116702	2.803237	
1.00000	0.034217	0.243300	0.141776
0.000522	0.240006	3.074053	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087640	-0.420943	-0.099177
-4.45E-07	-0.253267	-0.244140	
0.25000	-0.087640	-0.389636	-0.099177
-4.45E-07	-0.129959	-1.893043	
0.50000	-0.087640	-0.360119	-0.099177
-4.45E-07	-0.006536	-1.905985	
0.75000	-0.087640	-0.328715	-0.099177
-4.45E-07	-0.166917	-1.920240	
1.00000	-0.087640	-0.304831	-0.099177
-4.45E-07	-0.343174	-1.988054	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105606	0.551632	0.234350
0.000928	0.601174	4.466651	
0.25000	0.105606	1.264721	0.234350
0.000928	0.310191	6.687207	
0.50000	0.105606	2.206650	0.234350
0.000928	0.020761	7.991172	
0.75000	0.105606	3.092446	0.234350
0.000928	0.192312	7.920963	
1.00000	0.105606	4.029498	0.234350
0.000928	0.395035	6.838398	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153966	-4.515804	-0.163230
-1.99E-06	-0.417569	-5.908879	
0.25000	-0.153966	-3.576578	-0.163230
-1.99E-06	-0.214731	-4.283294	
0.50000	-0.153966	-2.691061	-0.163230
-1.99E-06	-0.012769	-4.271128	
0.75000	-0.153966	-1.748951	-0.163230
-1.99E-06	-0.274360	-4.292200	
1.00000	-0.153966	-1.032431	-0.163230
-1.99E-06	-0.565625	-5.920019	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4405

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093987	0.863348	0.267130
0.001067	0.688669	8.108450	
0.25000	0.093987	1.997160	0.267130
0.001067	0.357497	11.552810	
0.50000	0.093987	3.494826	0.267130
0.001067	0.033375	13.516894	
0.75000	0.093987	4.903242	0.267130
0.001067	0.207268	13.423944	
1.00000	0.093987	6.393155	0.267130
0.001067	0.427217	11.740169	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.225361	-7.300323	-0.177181
-0.000202	-0.455257	-8.819389	
0.25000	-0.225361	-5.806954	-0.177181
-0.000202	-0.235172	-6.202747	
0.50000	-0.225361	-4.398982	-0.177181
-0.000202	-0.017716	-6.151278	
0.75000	-0.225361	-2.901027	-0.177181
-0.000202	-0.310643	-6.152449	
1.00000	-0.225361	-1.761760	-0.177181
-0.000202	-0.642351	-8.708346	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.146646	6.236866	0.275556
0.000948	0.706146	16.043432	
0.25000	0.146646	18.323735	0.275556
0.000948	0.369195	47.875776	
0.50000	0.146646	34.289421	0.275556
0.000948	0.061211	61.416293	
0.75000	0.146646	49.303661	0.275556
0.000948	0.240425	50.314563	
1.00000	0.146646	65.186703	0.275556
0.000948	0.475834	20.341491	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266154	-66.388726	-0.191895
-0.000613	-0.492282	-48.286622	
0.25000	-0.266154	-50.468852	-0.191895
-0.000613	-0.256082	-20.555129	
0.50000	-0.266154	-35.459340	-0.191895
-0.000613	-0.036917	-20.167385	
0.75000	-0.266154	-19.490567	-0.191895
-0.000613	-0.338849	-20.337964	
1.00000	-0.266154	-7.345552	-0.191895
-0.000613	-0.681145	-47.742890	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186785	0.219058	0.146409
4.89E-06	0.357200	4.507429	
0.25000	0.186785	0.227097	0.146409
4.89E-06	0.175314	5.046259	
0.50000	0.186785	0.248503	0.146409
4.89E-06	0.019192	5.624197	
0.75000	0.186785	0.267232	0.146409
4.89E-06	0.147885	6.240632	
1.00000	0.186785	0.285602	0.146409
4.89E-06	0.284245	6.878155	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166395	-0.828420	-0.109193
-0.000961	-0.260576	-3.434987	
0.25000	-0.166395	-0.810049	-0.109193
-0.000961	-0.124387	-3.476043	
0.50000	-0.166395	-0.789120	-0.109193
-0.000961	-0.009938	-3.575222	
0.75000	-0.166395	-0.769897	-0.109193
-0.000961	-0.189246	-3.674670	
1.00000	-0.166395	-0.761811	-0.109193
-0.000961	-0.371219	-3.801920	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4406

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294423	12.762402	0.222241
4.28E-05	0.551277	18.720864	
0.25000	0.294423	25.561183	0.222241
4.28E-05	0.291937	59.063041	
0.50000	0.294423	56.139859	0.222241
4.28E-05	0.079386	82.762449	
0.75000	0.294423	89.456666	0.222241
4.28E-05	0.242452	61.097186	
1.00000	0.294423	118.701686	0.222241
4.28E-05	0.432400	22.436483	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.310387	-119.651970	-0.165933
-0.001192	-0.424559	-75.331323	
0.25000	-0.310387	-90.406600	-0.165933
-0.001192	-0.218400	-30.639961	
0.50000	-0.310387	-57.087455	-0.165933
-0.001192	-0.046675	-30.720814	
0.75000	-0.310387	-26.483830	-0.165933
-0.001192	-0.308057	-30.897131	
1.00000	-0.310387	-13.611705	-0.165933
-0.001192	-0.582266	-75.496474	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.278542	9.306546	0.303058
0.000302	0.765922	18.216693	
0.25000	0.278542	18.394323	0.303058
0.000302	0.400961	51.342738	
0.50000	0.278542	40.106720	0.303058
0.000302	0.078083	64.732868	
0.75000	0.278542	63.762617	0.303058
0.000302	0.297745	50.007734	
1.00000	0.278542	84.528761	0.303058
0.000302	0.565247	23.270894	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338823	-85.735111	-0.224630
-0.001200	-0.576010	-59.106447	
0.25000	-0.338823	-64.969428	-0.224630
-0.001200	-0.295650	-25.510618	
0.50000	-0.338823	-41.311161	-0.224630
-0.001200	-0.044754	-25.730582	
0.75000	-0.338823	-19.581050	-0.224630
-0.001200	-0.385612	-26.018319	
1.00000	-0.338823	-10.441104	-0.224630
-0.001200	-0.760778	-57.848578	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.285428	7.841666	0.368554
0.000558	0.935820	17.022753	
0.25000	0.285428	15.384866	0.368554
0.000558	0.487317	41.426510	
0.50000	0.285428	33.406501	0.368554
0.000558	0.074130	56.103558	
0.75000	0.285428	53.041273	0.368554
0.000558	0.358215	44.167918	
1.00000	0.285428	70.277502	0.368554
0.000558	0.698211	22.274779	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.346352	-71.444986	-0.281250
-0.001000	-0.718772	-49.150035	
0.25000	-0.346352	-54.209139	-0.281250
-0.001000	-0.369774	-23.030247	
0.50000	-0.346352	-34.572400	-0.281250
-0.001000	-0.043363	-23.325734	
0.75000	-0.346352	-16.536061	-0.281250
-0.001000	-0.456182	-23.677488	
1.00000	-0.346352	-8.949836	-0.281250
-0.001000	-0.913222	-50.210030	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4407

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.116887	8.975472	0.084581
0.000149	0.222562	11.707446	
0.25000	0.116887	17.947482	0.084581
0.000149	0.129007	39.687200	
0.50000	0.116887	39.383287	0.084581
0.000149	0.049250	56.010399	
0.75000	0.116887	62.737836	0.084581
0.000149	0.085634	40.653009	
1.00000	0.116887	83.239443	0.084581
0.000149	0.148605	13.367610	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170669	-83.678883	-0.060524
-0.000196	-0.172795	-51.525245	
0.25000	-0.170669	-63.177731	-0.060524
-0.000196	-0.098000	-20.193907	
0.50000	-0.170669	-39.820843	-0.060524
-0.000196	-0.029389	-20.234324	
0.75000	-0.170669	-18.367548	-0.060524
-0.000196	-0.114181	-20.341322	
1.00000	-0.170669	-9.344124	-0.060524
-0.000196	-0.217708	-51.589227	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143632	8.675550	0.217643
0.000484	0.566973	14.442649	
0.25000	0.143632	17.237559	0.217643
0.000484	0.307401	41.552047	
0.50000	0.143632	37.693771	0.217643
0.000484	0.062718	57.581471	
0.75000	0.143632	59.981041	0.217643
0.000484	0.202034	43.302556	
1.00000	0.143632	79.545747	0.217643
0.000484	0.392160	17.750599	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.234090	-80.313748	-0.162311
-0.000238	-0.435063	-51.844147	
0.25000	-0.234090	-60.749476	-0.162311
-0.000238	-0.233989	-22.073958	
0.50000	-0.234090	-38.459973	-0.162311
-0.000238	-0.037073	-22.257337	
0.75000	-0.234090	-17.980171	-0.162311
-0.000238	-0.263912	-22.504484	
1.00000	-0.234090	-9.376008	-0.162311
-0.000238	-0.532940	-52.469187	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.227104	6.047126	0.291462
0.000440	0.742413	15.292629	
0.25000	0.227104	11.611219	0.291462
0.000440	0.387403	33.291621	
0.50000	0.227104	24.904876	0.291462
0.000440	0.064715	44.242661	
0.75000	0.227104	39.388463	0.291462
0.000440	0.276250	35.878423	
1.00000	0.227104	52.102766	0.291462
0.000440	0.539222	20.198603	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.315330	-53.240123	-0.217698
-0.000918	-0.556488	-37.733819	
0.25000	-0.315330	-40.526102	-0.217698
-0.000918	-0.286587	-18.505299	
0.50000	-0.315330	-26.041065	-0.217698
-0.000918	-0.036531	-18.774717	
0.75000	-0.315330	-12.736561	-0.217698
-0.000918	-0.357537	-19.085146	
1.00000	-0.315330	-7.140583	-0.217698
-0.000918	-0.718651	-38.708147	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4408

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.226920	5.171242	0.368148
0.000686	0.939164	14.475225	
0.25000	0.226920	9.838134	0.368148
0.000686	0.487412	29.818934	
0.50000	0.226920	20.988210	0.368148
0.000686	0.062811	39.251075	
0.75000	0.226920	33.136342	0.368148
0.000686	0.352684	32.477310	
1.00000	0.226920	43.800484	0.368148
0.000686	0.701215	19.573846	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.323355	-44.878562	-0.285521
-0.000766	-0.729489	-33.360358	
0.25000	-0.323355	-34.214656	-0.285521
-0.000766	-0.375072	-17.346101	
0.50000	-0.323355	-22.965508	-0.285521
-0.000766	-0.036703	-17.691883	
0.75000	-0.323355	-10.906134	-0.285521
-0.000766	-0.444657	-18.072094	
1.00000	-0.323355	-6.212498	-0.285521
-0.000766	-0.901652	-34.650705	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.060397	0.180155	0.195612
0.000494	0.499890	2.529635	
0.25000	0.060397	0.188194	0.195612
0.000494	0.256336	2.920679	
0.50000	0.060397	0.207402	0.195612
0.000494	0.013298	3.304203	
0.75000	0.060397	0.228329	0.195612
0.000494	0.194223	3.667302	
1.00000	0.060397	0.246699	0.195612
0.000494	0.399279	4.025587	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.119583	-0.430695	-0.164887
-2.62E-07	-0.420452	-2.729911	
0.25000	-0.119583	-0.412325	-0.164887
-2.62E-07	-0.215328	-2.883127	
0.50000	-0.119583	-0.391395	-0.164887
-2.62E-07	-0.009463	-3.072851	
0.75000	-0.119583	-0.372172	-0.164887
-2.62E-07	-0.229786	-3.262780	
1.00000	-0.119583	-0.364097	-0.164887
-2.62E-07	-0.473350	-3.480483	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.135828	0.590958	0.325437
0.000848	0.834434	5.321778	
0.25000	0.135828	0.856259	0.325437
0.000848	0.429553	6.777163	

0.50000	0.135828	1.490114	0.325437
0.000848	0.026334	7.915991	
0.75000	0.135828	2.180705	0.325437
0.000848	0.313962	8.188568	
1.00000	0.135828	2.786935	0.325437
0.000848	0.645925	8.155524	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.203635	-3.220676	-0.267239
-1.47E-06	-0.683442	-6.363241	
0.25000	-0.203635	-2.614459	-0.267239
-1.47E-06	-0.350882	-5.727300	
0.50000	-0.203635	-1.923798	-0.267239
-1.47E-06	-0.017661	-6.034755	
0.75000	-0.203635	-1.289427	-0.267239
-1.47E-06	-0.379716	-6.344378	
1.00000	-0.203635	-1.022605	-0.267239
-1.47E-06	-0.784955	-7.556975	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143296	0.542962	0.369463
0.000955	0.953384	8.272082	
0.25000	0.143296	0.550198	0.369463
0.000955	0.469670	9.107938	
0.50000	0.143296	0.567485	0.369463
0.000955	0.038318	10.066645	
0.75000	0.143296	0.586319	0.369463
0.000955	0.339658	11.249042	
1.00000	0.143296	0.602853	0.369463
0.000955	0.704380	12.486282	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.269188	-1.363225	-0.293281
-0.000197	-0.754255	-6.866883	
0.25000	-0.269188	-1.346692	-0.293281
-0.000197	-0.389662	-7.205211	
0.50000	-0.269188	-1.327856	-0.293281
-0.000197	-0.023131	-7.603808	
0.75000	-0.269188	-1.310555	-0.293281
-0.000197	-0.424046	-8.002532	
1.00000	-0.269188	-1.303278	-0.293281
-0.000197	-0.883714	-8.425772	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218058	5.584637	0.378373
0.000859	0.968843	14.366040	
0.25000	0.218058	10.649482	0.378373
0.000859	0.504788	30.887526	
0.50000	0.218058	22.750339	0.378373
0.000859	0.062752	40.957919	
0.75000	0.218058	35.934359	0.378373
0.000859	0.339642	53.221768	
1.00000	0.218058	47.507846	0.378373
0.000859	0.728155	19.232130	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.346038	-48.496912	-0.298330
-0.000571	-0.767110	-35.538390	
0.25000	-0.346038	-36.923681	-0.298330
-0.000571	-0.396546	-18.143709	
0.50000	-0.346038	-23.738341	-0.298330
-0.000571	-0.037279	-16.480378	
0.75000	-0.346038	-11.627610	-0.298330
-0.000571	-0.454087	-18.755086	
1.00000	-0.346038	-6.533742	-0.298330
-0.000571	-0.923821	-36.705734	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217280	10.890429	0.275556
0.001067	0.706146	20.146706	
0.25000	0.217280	33.043746	0.275556
0.001067	0.369195	77.918317	
0.50000	0.217280	62.306321	0.275556
0.001067	0.073428	101.836008	
0.75000	0.217280	89.825046	0.275556
0.001067	0.255850	80.193295	
1.00000	0.217280	118.936147	0.275556
0.001067	0.497986	23.651634	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266154	-120.086737	-0.197436
-0.001302	-0.498396	-82.550755	
0.25000	-0.266154	-90.908129	-0.197436
-0.001302	-0.256082	-31.715333	
0.50000	-0.266154	-63.398069	-0.197436
-0.001302	-0.051033	-30.996422	
0.75000	-0.266154	-34.129837	-0.197436
-0.001302	-0.343824	-31.300460	
1.00000	-0.266154	-11.869947	-0.197436
-0.001302	-0.684576	-81.520745	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294423	12.762402	0.378373
0.000955	0.968843	18.720864	
0.25000	0.294423	25.561183	0.378373
0.000955	0.504788	59.063041	
0.50000	0.294423	56.139859	0.378373
0.000955	0.079386	82.762449	
0.75000	0.294423	89.455666	0.378373
0.000955	0.364142	61.097186	
1.00000	0.294423	118.701686	0.378373
0.000955	0.728155	23.270894	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.346352	-119.651970	-0.298330
-0.001200	-0.767110	-75.331323	
0.25000	-0.346352	-90.406600	-0.298330
-0.001200	-0.396546	-30.639961	
0.50000	-0.346352	-57.087455	-0.298330
-0.001200	-0.046675	-30.720814	
0.75000	-0.346352	-26.483830	-0.298330
-0.001200	-0.456182	-30.897131	
1.00000	-0.346352	-13.611705	-0.298330
-0.001200	-0.923821	-75.496474	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294423	12.762402	0.378373
0.001067	0.968843	20.146706	
0.25000	0.294423	33.043746	0.378373
0.001067	0.504788	77.918317	
0.50000	0.294423	62.306321	0.378373
0.001067	0.079386	101.836008	
0.75000	0.294423	89.825046	0.378373
0.001067	0.364142	80.193295	
1.00000	0.294423	118.936147	0.378373
0.001067	0.728155	23.651634	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.346352	-120.086737	-0.298330
-0.001302	-0.767110	-82.550755	
0.25000	-0.346352	-90.908129	-0.298330
-0.001302	-0.396546	-31.715333	
0.50000	-0.346352	-63.398069	-0.298330
-0.001302	-0.051033	-30.996422	
0.75000	-0.346352	-34.129837	-0.298330
-0.001302	-0.456182	-31.300460	
1.00000	-0.346352	-13.611705	-0.298330
-0.001302	-0.923821	-81.520745	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294423	12.762402	0.378373
0.001067	0.968843	20.146706	
0.25000	0.294423	33.043746	0.378373
0.001067	0.504788	77.918317	
0.50000	0.294423	62.306321	0.378373
0.001067	0.079386	101.836008	
0.75000	0.294423	89.825046	0.378373
0.001067	0.364142	80.193295	
1.00000	0.294423	118.936147	0.378373
0.001067	0.728155	23.651634	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.346352	-120.086737	-0.298330
-0.001302	-0.767110	-82.550755	
0.25000	-0.346352	-90.908129	-0.298330
-0.001302	-0.396546	-31.715333	
0.50000	-0.346352	-63.398069	-0.298330
-0.001302	-0.051033	-30.996422	
0.75000	-0.346352	-34.129837	-0.298330
-0.001302	-0.456182	-31.300460	
1.00000	-0.346352	-13.611705	-0.298330
-0.001302	-0.923821	-81.520745	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 427 ========== LENGTH = 4.972462

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139563	0.311294	0.126733
0.000252	0.310565	6.666534	
0.25000	0.139563	0.335108	0.126733
0.000252	0.153087	6.690929	
0.50000	0.139563	0.366498	0.126733
0.000252	0.021284	6.808929	
0.75000	0.139563	0.396010	0.126733
0.000252	0.156391	7.082567	
1.00000	0.139563	0.427261	0.126733
0.000252	0.301374	7.436615	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079418	-0.655263	-0.116836
-0.000784	-0.280419	-2.313067	
0.25000	-0.079418	-0.623997	-0.116836
-0.000784	-0.135181	-2.108742	
0.50000	-0.079418	-0.594485	-0.116836
-0.000784	-0.005264	-1.957840	
0.75000	-0.079418	-0.563094	-0.116836
-0.000784	-0.162124	-1.808147	
1.00000	-0.079418	-0.539248	-0.116836
-0.000784	-0.319658	-1.712029	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.236884	11.227816	0.175075
0.000367	0.440577	23.701111	
0.25000	0.236884	33.422598	0.175075
0.000367	0.232561	81.264293	
0.50000	0.236884	62.678174	0.175075
0.000367	0.081400	104.217914	
0.75000	0.236884	90.183957	0.175075
0.000367	0.241485	82.030788	
1.00000	0.236884	119.309777	0.175075
0.000367	0.446290	24.973790	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170963	-119.713409	-0.169037
-0.000975	-0.423905	-81.529417	
0.25000	-0.170963	-90.573821	-0.169037
-0.000975	-0.217249	-30.875809	
0.50000	-0.170963	-63.068282	-0.169037
-0.000975	-0.047910	-30.013057	
0.75000	-0.170963	-33.812443	-0.169037
-0.000975	-0.242406	-30.276146	
1.00000	-0.170963	-11.587824	-0.169037
-0.000975	-0.459973	-80.472242	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.214344	8.004241	0.204694
0.000628	0.523926	20.592004	
0.25000	0.214344	23.114314	0.204694
0.000628	0.276623	62.688972	
0.50000	0.214344	43.031335	0.204694
0.000628	0.080123	78.396008	
0.75000	0.214344	61.757107	0.204694
0.000628	0.247529	63.634268	
1.00000	0.214344	81.585700	0.204694
0.000628	0.470572	25.305870	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.223439	-82.110982	-0.182446
-0.001106	-0.457005	-58.003464	
0.25000	-0.223439	-62.272925	-0.182446
-0.001106	-0.232626	-23.373482	
0.50000	-0.223439	-43.547320	-0.182446
-0.001106	-0.039410	-22.640816	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.223439	-23.630120	-0.182446
-0.001106	-0.261401	-22.674615	
1.00000	-0.223439	-8.499733	-0.182446
-0.001106	-0.515332	-56.702505	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232715	6.739299	0.234632
0.000766	0.605344	22.027791	
0.25000	0.232715	19.277446	0.234632
0.000766	0.319612	54.483491	
0.50000	0.232715	35.804335	0.234632
0.000766	0.076284	67.586122	
0.75000	0.232715	51.342742	0.234632
0.000766	0.265415	55.466639	
1.00000	0.232715	67.796330	0.234632
0.000766	0.514045	23.846050	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.235733	-68.321490	-0.202534
-0.000949	-0.509980	-49.391299	
0.25000	-0.235733	-51.860124	-0.202534
-0.000949	-0.260216	-20.595509	
0.50000	-0.235733	-36.321855	-0.202534
-0.000949	-0.036440	-19.927278	
0.75000	-0.235733	-19.794817	-0.202534
-0.000949	-0.288695	-19.895050	
1.00000	-0.235733	-7.239815	-0.202534
-0.000949	-0.579214	-48.070685	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092563	9.284120	0.045196
0.000193	0.126820	15.917260	
0.25000	0.092563	27.859151	0.045196
0.000193	0.078975	64.090817	
0.50000	0.092563	52.343432	0.045196
0.000193	0.055738	93.240128	
0.75000	0.092563	75.362293	0.045196
0.000193	0.063961	64.493960	
1.00000	0.092563	99.738979	0.045196
0.000193	0.110224	16.514240	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.125884	-99.938608	-0.040545
-0.000204	-0.115641	-66.890517	
0.25000	-0.125884	-75.551398	-0.040545
-0.000204	-0.068025	-24.596349	
0.50000	-0.125884	-52.531742	-0.040545
-0.000204	-0.037280	-23.972640	
0.75000	-0.125884	-28.047241	-0.040545
-0.000204	-0.067460	-24.291157	
1.00000	-0.125884	-9.447238	-0.040545
-0.000204	-0.123489	-66.399102	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113914	8.800101	0.109915
0.000519	0.300712	19.554709	
0.25000	0.113914	26.089168	0.109915
0.000519	0.172217	64.387714	
0.50000	0.113914	48.878383	0.109915
0.000519	0.068861	82.217691	
0.75000	0.113914	70.304562	0.109915
0.000519	0.121469	65.021631	
1.00000	0.113914	92.992701	0.109915
0.000519	0.230731	20.730153	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.204478	-93.363639	-0.090985
-0.000342	-0.244322	-64.108716	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.204478	-70.664775	-0.090985
-0.000342	-0.133780	-24.645645	
0.50000	-0.204478	-49.238787	-0.090985
-0.000342	-0.040049	-23.968154	
0.75000	-0.204478	-26.449367	-0.090985
-0.000342	-0.134381	-24.167659	
1.00000	-0.204478	-9.137057	-0.090985
-0.000342	-0.270414	-63.263478	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184282	6.734171	0.183025
0.000691	0.252633	21.515068	
0.25000	0.184282	18.972259	0.183025
0.000691	0.252633	53.295088	
0.50000	0.184282	35.103633	0.183025
0.000691	0.073539	66.015312	
0.75000	0.184282	50.270181	0.183025
0.000691	0.211176	54.199879	
1.00000	0.184282	66.330008	0.183025
0.000691	0.405321	23.430921	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247346	-66.844564	-0.158793
-0.000932	-0.400789	-47.852082	
0.25000	-0.247346	-50.777145	-0.158793
-0.000932	-0.205593	-19.761789	
0.50000	-0.247346	-35.610733	-0.158793
-0.000932	-0.034601	-19.125917	
0.75000	-0.247346	-19.479214	-0.158793
-0.000932	-0.226577	-19.710828	
1.00000	-0.247346	-7.224673	-0.158793
-0.000932	-0.453527	-46.628542	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.195506	5.703522	0.222059
0.000813	0.577085	20.207113	
0.25000	0.195506	15.955511	0.222059
0.000813	0.305987	46.723018	
0.50000	0.195506	29.468950	0.222059
0.000813	0.070289	57.470116	
0.75000	0.195506	42.174143	0.222059
0.000813	0.238769	47.658476	
1.00000	0.195506	55.627647	0.222059
0.000813	0.467098	21.972439	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.253959	-56.110711	-0.185864
-0.000772	-0.470957	-41.296276	
0.25000	-0.253959	-42.650847	-0.185864
-0.000772	-0.241693	-17.709432	
0.50000	-0.253959	-29.945767	-0.185864
-0.000772	-0.032619	-17.121477	
0.75000	-0.253959	-16.432206	-0.185864
-0.000772	-0.266313	-17.053558	
1.00000	-0.253959	-6.166435	-0.185864
-0.000772	-0.541902	-40.050188	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056322	0.126414	0.109565
0.000336	0.285731	3.022082	
0.25000	0.056322	0.150228	0.109565
0.000336	0.149539	3.202718	
0.50000	0.056322	0.181618	0.109565
0.000336	0.013292	3.362796	
0.75000	0.056322	0.211130	0.109565
0.000336	0.098164	3.487508	
1.00000	0.056322	0.242381	0.109565
0.000336	0.202159	3.587315	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103743	-0.312050	-0.083655
-4.63E-06	-0.213871	-1.959278	
0.25000	-0.103743	-0.280794	-0.083655
-4.63E-06	-0.109883	-1.820296	
0.50000	-0.103743	-0.251282	-0.083655
-4.63E-06	-0.005691	-1.734737	
0.75000	-0.103743	-0.219891	-0.083655
-4.63E-06	-0.122962	-1.650386	
1.00000	-0.103743	-0.196045	-0.083655
-4.63E-06	-0.259130	-1.619745	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.129028	0.607592	0.176901
0.000639	0.464982	6.760774	
0.25000	0.129028	1.322016	0.176901
0.000639	0.245438	8.683526	
0.50000	0.129028	2.263719	0.176901
0.000639	0.027326	9.616478	
0.75000	0.129028	3.149098	0.176901
0.000639	0.162727	9.215975	
1.00000	0.129028	4.086625	0.176901
0.000639	0.334345	7.808053	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.173391	-4.293726	-0.138188
-9.50E-05	-0.353810	-5.875031	
0.25000	-0.173391	-3.355756	-0.138188
-9.50E-05	-0.182134	-4.092790	
0.50000	-0.173391	-2.470385	-0.138188
-9.50E-05	-0.011270	-3.913258	
0.75000	-0.173391	-1.528673	-0.138188
-9.50E-05	-0.196250	-3.769966	
1.00000	-0.173391	-0.813288	-0.138188
-9.50E-05	-0.416029	-5.234047	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.121383	1.089641	0.195415
0.000797	0.518707	11.677315	
0.25000	0.121383	2.225575	0.195415
0.000797	0.276953	14.612660	
0.50000	0.121383	3.722883	0.195415
0.000797	0.042704	15.994994	
0.75000	0.121383	5.130636	0.195415
0.000797	0.171791	15.374979	
1.00000	0.121383	6.621303	0.195415
0.000797	0.354098	13.179290	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238897	-6.971394	-0.146850
-0.000314	-0.377616	-8.186515	
0.25000	-0.238897	-5.480022	-0.146850
-0.000314	-0.195239	-5.847012	
0.50000	-0.238897	-4.072282	-0.146850
-0.000314	-0.015611	-5.577167	
0.75000	-0.238897	-2.574960	-0.146850
-0.000314	-0.213379	-5.364943	
1.00000	-0.238897	-1.437899	-0.146850
-0.000314	-0.455716	-7.708377	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176705	6.558219	0.218354
0.000821	0.572095	20.314063	
0.25000	0.176705	18.667710	0.218354
0.000821	0.306394	51.690929	
0.50000	0.176705	34.629578	0.218354
0.000821	0.071930	64.353475	
0.75000	0.176705	49.636757	0.218354
0.000821	0.226288	52.617394	
1.00000	0.176705	65.527829	0.218354
0.000821	0.448146	22.022528	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283775	-65.970235	-0.179267
-0.000597	-0.459634	-47.703169	
0.25000	-0.283775	-50.071651	-0.179267
-0.000597	-0.238512	-19.911387	
0.50000	-0.283775	-35.064605	-0.179267
-0.000597	-0.035888	-19.289539	
0.75000	-0.283775	-19.102594	-0.179267
-0.000597	-0.260005	-19.279951	
1.00000	-0.283775	-6.976823	-0.179267
-0.000597	-0.530969	-46.513915	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200490	0.398354	0.160484
0.000225	0.392026	6.896152	
0.25000	0.200490	0.406416	0.160484
0.000225	0.193061	7.047260	
0.50000	0.200490	0.425624	0.160484
0.000225	0.024700	7.224809	
0.75000	0.200490	0.446545	0.160484
0.000225	0.186685	7.449029	
1.00000	0.200490	0.464910	0.160484
0.000225	0.357349	7.688747	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.156247	-0.676863	-0.137436
-0.000687	-0.326700	-3.840077	
0.25000	-0.156247	-0.658496	-0.137436
-0.000687	-0.155276	-3.807657	
0.50000	-0.156247	-0.637572	-0.137436
-0.000687	-0.009925	-3.803037	
0.75000	-0.156247	-0.618362	-0.137436
-0.000687	-0.206711	-3.798778	
1.00000	-0.156247	-0.610293	-0.137436
-0.000687	-0.406126	-3.822215	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316092	13.103704	0.231275
0.000301	0.572446	22.468948	
0.25000	0.316092	25.939539	0.231275
0.000301	0.303718	62.381279	
0.50000	0.316092	56.518628	0.231275
0.000301	0.088495	85.320967	
0.75000	0.316092	89.824332	0.231275
0.000301	0.298569	63.019972	
1.00000	0.316092	119.061993	0.231275
0.000301	0.537328	23.726406	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.311231	-119.456938	-0.204996

-0.000809	-0.512763	-75.509013	
0.25000	-0.311231	-90.217175	-0.204996
-0.000809	-0.259356	-30.962640	
0.50000	-0.311231	-56.906427	-0.204996
-0.000809	-0.045656	-30.699235	
0.75000	-0.311231	-26.324254	-0.204996
-0.000809	-0.319744	-30.746520	
1.00000	-0.311231	-13.477731	-0.204996
-0.000809	-0.606323	-75.248400	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.303012	9.751133	0.273651
0.000515	0.694866	23.286237	
0.25000	0.303012	18.865220	0.273651
0.000515	0.368684	51.703161	
0.50000	0.303012	40.577910	0.273651
0.000515	0.090701	68.150917	
0.75000	0.303012	64.226633	0.273651
0.000515	0.318388	52.565846	
1.00000	0.303012	84.986842	0.273651
0.000515	0.600305	25.000821	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.342986	-85.465946	-0.235946
-0.000919	-0.594241	-57.846031	
0.25000	-0.342986	-64.704245	-0.235946
-0.000919	-0.302700	-26.245467	
0.50000	-0.342986	-41.051940	-0.235946
-0.000919	-0.044347	-26.088120	
0.75000	-0.342986	-19.337061	-0.235946
-0.000919	-0.347067	-26.151245	
1.00000	-0.342986	-10.215383	-0.235946
-0.000919	-0.686591	-57.779280	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.314778	8.241718	0.316832
0.000623	0.811675	22.252694	
0.25000	0.314778	15.806556	0.316832
0.000623	0.429303	45.906034	
0.50000	0.314778	33.828434	0.316832
0.000623	0.087653	59.629751	
0.75000	0.314778	53.457251	0.316832
0.000623	0.354936	46.803128	
1.00000	0.314778	70.688555	0.316832
0.000623	0.686619	24.058570	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358840	-71.159344	-0.274425
-0.000789	-0.695618	-50.181607	
0.25000	-0.358840	-53.926802	-0.274425
-0.000789	-0.356039	-23.985258	
0.50000	-0.358840	-34.295012	-0.274425
-0.000789	-0.043203	-23.887226	
0.75000	-0.358840	-16.271316	-0.274425
-0.000789	-0.387503	-23.972147	
1.00000	-0.358840	-8.700179	-0.274425
-0.000789	-0.780850	-50.256477	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.120449	9.146332	0.064356
0.000156	0.170705	13.377127	
0.25000	0.120449	18.144317	0.064356
0.000156	0.103571	41.212412	
0.50000	0.120449	39.580412	0.064356
0.000156	0.053687	57.159079	
0.75000	0.120449	62.927878	0.064356
0.000156	0.086391	41.512091	
1.00000	0.120449	83.423625	0.064356
0.000156	0.145981	13.940030	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178331	-83.608791	-0.057261
-0.000174	-0.168822	-61.562567	
0.25000	-0.178331	-63.111571	-0.057261
-0.000174	-0.089073	-20.350028	
0.50000	-0.178331	-39.760569	-0.057261
-0.000174	-0.028740	-20.179895	
0.75000	-0.178331	-18.322312	-0.057261
-0.000174	-0.090049	-20.227444	
1.00000	-0.178331	-9.316835	-0.057261
-0.000174	-0.169231	-51.438208	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154221	8.963579	0.155581
0.000419	0.416670	17.729855	
0.25000	0.154221	17.550366	0.155581
0.000419	0.235732	44.419449	
0.50000	0.154221	38.006854	0.155581
0.000419	0.071516	59.804484	
0.75000	0.154221	60.287366	0.155581
0.000419	0.168822	44.982592	
1.00000	0.154221	79.846480	0.155581
0.000419	0.323631	18.863953	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245496	-80.158684	-0.133349
-0.000300	-0.358627	-52.416960	
0.25000	-0.245496	-60.598165	-0.133349
-0.000300	-0.194949	-22.667423	
0.50000	-0.245496	-38.314279	-0.133349
-0.000300	-0.036833	-22.541840	
0.75000	-0.245496	-17.855727	-0.133349
-0.000300	-0.183422	-22.623852	
1.00000	-0.245496	-9.261790	-0.133349
-0.000300	-0.376297	-52.444704	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.251171	6.475236	0.246310
0.000574	0.634303	20.202588	
0.25000	0.251171	12.055437	0.246310
0.000574	0.336366	37.470847	
0.50000	0.251171	25.349274	0.246310
0.000574	0.077133	47.529019	
0.75000	0.251171	39.828468	0.246310
0.000574	0.274190	38.327516	
1.00000	0.251171	52.539138	0.246310
0.000574	0.530019	21.864911	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338094	-52.979905	-0.211689
-0.000793	-0.535332	-38.689678	
0.25000	-0.338094	-40.268322	-0.211689
-0.000793	-0.273698	-19.369943	
0.50000	-0.338094	-25.786935	-0.211689
-0.000793	-0.036147	-19.301684	
0.75000	-0.338094	-12.491758	-0.211689
-0.000793	-0.298120	-19.368106	
1.00000	-0.338094	-6.906909	-0.211689
-0.000793	-0.603529	-38.760504	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.257170	5.535731	0.302706
0.000674	0.782379	19.537277	
0.25000	0.257170	10.216134	0.302706
0.000674	0.413143	34.122090	
0.50000	0.257170	21.366361	0.302706
0.000674	0.076238	42.654707	
0.75000	0.257170	33.510809	0.302706
0.000674	0.329209	35.020903	
1.00000	0.257170	44.171904	0.302706
0.000674	0.650675	21.305963	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358032	-44.599923	-0.263475
-0.000655	-0.669740	-34.604984	
0.25000	-0.358032	-33.938063	-0.263475
-0.000655	-0.343649	-18.435935	
0.50000	-0.358032	-21.791776	-0.263475
-0.000655	-0.036663	-18.414071	
0.75000	-0.358032	-10.640424	-0.263475
-0.000655	-0.357518	-18.505156	
1.00000	-0.358032	-5.956123	-0.263475
-0.000655	-0.733480	-34.806002	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073221	0.190616	0.153473
0.000287	0.399429	3.962113	
0.25000	0.073221	0.198679	0.153473
0.000287	0.206402	4.126534	
0.50000	0.073221	0.217887	0.153473
0.000287	0.017835	4.288715	
0.75000	0.073221	0.238807	0.153473
0.000287	0.161270	4.422734	
1.00000	0.073221	0.257173	0.153473
0.000287	0.333772	4.552968	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.147690	-0.342193	-0.138724
-4.30E-06	-0.355844	-3.431820	
0.25000	-0.147690	-0.324336	-0.138724
-4.30E-06	-0.183166	-3.458054	
0.50000	-0.147690	-0.303412	-0.138724
-4.30E-06	-0.009740	-3.512034	
0.75000	-0.147690	-0.284202	-0.138724
-4.30E-06	-0.172957	-3.564590	
1.00000	-0.147690	-0.276133	-0.138724
-4.30E-06	-0.364323	-3.647978	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.156696	0.672253	0.250412
0.000536	0.655644	8.057456	
0.25000	0.156696	0.938322	0.250412
0.000536	0.344054	9.085003	
0.50000	0.156696	1.572185	0.250412
0.000536	0.034658	9.778056	
0.75000	0.156696	2.262567	0.250412
0.000536	0.257540	9.597930	
1.00000	0.156696	2.868624	0.250412
0.000536	0.533403	9.115750	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.237895	-3.057111	-0.222314
-9.11E-05	-0.572380	-7.480892	
0.25000	-0.237895	-2.451010	-0.222314
-9.11E-05	-0.296209	-6.636540	
0.50000	-0.237895	-1.760524	-0.222314
-9.11E-05	-0.018419	-6.710041	
0.75000	-0.237895	-1.126597	-0.222314
-9.11E-05	-0.279176	-6.788003	
1.00000	-0.237895	-0.860306	-0.222314
-9.11E-05	-0.591072	-7.801079	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165688	0.768037	0.271343
0.000675	0.718575	12.400420	
0.25000	0.165688	0.775293	0.271343
0.000675	0.386937	12.563545	
0.50000	0.165688	0.792581	0.271343
0.000675	0.050042	12.838900	
0.75000	0.165688	0.811409	0.271343
0.000675	0.268392	13.330725	
1.00000	0.165688	0.827938	0.271343
0.000675	0.559982	13.916961	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.304252	-1.131754	-0.235055
-0.000284	-0.608288	-8.346242	
0.25000	-0.304252	-1.115224	-0.235055
-0.000284	-0.316583	-8.424007	
0.50000	-0.304252	-1.096393	-0.235055
-0.000284	-0.024066	-8.526156	
0.75000	-0.304252	-1.079104	-0.235055
-0.000284	-0.294614	-8.628336	
1.00000	-0.304252	-1.071841	-0.235055
-0.000284	-0.631781	-8.755972	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243704	5.906562	0.301332
0.000684	0.784738	19.178013	
0.25000	0.243704	10.986069	0.301332
0.000684	0.417013	34.988427	
0.50000	0.243704	23.087091	0.301332
0.000684	0.075966	44.202517	
0.75000	0.243704	36.267112	0.301332
0.000684	0.325938	35.865918	
1.00000	0.243704	47.837292	0.301332
0.000684	0.648492	20.895817	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383609	-48.235423	-0.264777
-0.000520	-0.679437	-36.639981	
0.25000	-0.383609	-36.664412	-0.264777
-0.000520	-0.351532	-19.098305	
0.50000	-0.383609	-23.482395	-0.264777
-0.000520	-0.037589	-19.080806	
0.75000	-0.383609	-11.380153	-0.264777
-0.000520	-0.351901	-19.185935	
1.00000	-0.383609	-6.296416	-0.264777
-0.000520	-0.726193	-36.883103	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.236884	11.227816	0.234632
0.000821	0.605344	23.701111	
0.25000	0.236884	33.422598	0.234632
0.000821	0.319612	81.264293	
0.50000	0.236884	62.678174	0.234632
0.000821	0.081400	104.217914	
0.75000	0.236884	90.183957	0.234632
0.000821	0.265415	82.030788	
1.00000	0.236884	119.309777	0.234632
0.000821	0.514045	25.305870	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283775	-119.713409	-0.202534
-0.001106	-0.509980	-81.529417	
0.25000	-0.283775	-90.573821	-0.202534
-0.001106	-0.260216	-30.875809	
0.50000	-0.283775	-63.068282	-0.202534
-0.001106	-0.047910	-30.013057	
0.75000	-0.283775	-33.812443	-0.202534
-0.001106	-0.287995	-30.276146	
1.00000	-0.283775	-11.587824	-0.202534
-0.001106	-0.579214	-80.472242	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316092	13.103704	0.316832
0.000684	0.811675	23.286237	
0.25000	0.316092	25.939539	0.316832
0.000684	0.429303	62.381279	
0.50000	0.316092	56.518628	0.316832
0.000684	0.090701	85.320967	
0.75000	0.316092	89.824332	0.316832
0.000684	0.354936	63.019972	
1.00000	0.316092	119.061993	0.316832
0.000684	0.686619	25.000821	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383609	-119.456938	-0.274425
-0.000919	-0.695618	-75.509013	
0.25000	-0.383609	-90.217175	-0.274425
-0.000919	-0.356039	-30.962640	
0.50000	-0.383609	-56.906427	-0.274425
-0.000919	-0.045656	-30.699235	
0.75000	-0.383609	-26.324254	-0.274425
-0.000919	-0.387503	-30.746520	
1.00000	-0.383609	-13.477731	-0.274425
-0.000919	-0.780850	-75.248400	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316092	13.103704	0.316832
0.000821	0.811675	23.701111	
0.25000	0.316092	33.422598	0.316832
0.000821	0.429303	81.264293	
0.50000	0.316092	62.678174	0.316832
0.000821	0.090701	104.217914	
0.75000	0.316092	90.183957	0.316832
0.000821	0.354936	82.030788	
1.00000	0.316092	119.309777	0.316832
0.000821	0.686619	25.305870	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383609	-119.713409	-0.274425
-0.001106	-0.695618	-81.529417	
0.25000	-0.383609	-90.573821	-0.274425
-0.001106	-0.356039	-30.962640	
0.50000	-0.383609	-63.068282	-0.274425
-0.001106	-0.047910	-30.699235	
0.75000	-0.383609	-33.812443	-0.274425
-0.001106	-0.387503	-30.746520	
1.00000	-0.383609	-13.477731	-0.274425
-0.001106	-0.780850	-80.472242	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316092	13.103704	0.316832
0.000821	0.811675	23.701111	
0.25000	0.316092	33.422598	0.316832
0.000821	0.429303	81.264293	
0.50000	0.316092	62.678174	0.316832
0.000821	0.090701	104.217914	
0.75000	0.316092	90.183957	0.316832
0.000821	0.354936	82.030788	
1.00000	0.316092	119.309777	0.316832
0.000821	0.686619	25.305870	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.383609	-119.713409	-0.274425
-0.001106	-0.695618	-81.529417	
0.25000	-0.383609	-90.573821	-0.274425
-0.001106	-0.356039	-30.962640	
0.50000	-0.383609	-63.068282	-0.274425
-0.001106	-0.047910	-30.699235	
0.75000	-0.383609	-33.812443	-0.274425
-0.001106	-0.387503	-30.746520	
1.00000	-0.383609	-13.477731	-0.274425
-0.001106	-0.780850	-80.472242	

ELEM 428 ========== LENGTH = 4.972749

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.136351	0.423657	0.135418
0.000525	0.333231	7.460676	
0.25000	0.136351	0.447174	0.135418
0.000525	0.164875	7.299660	
0.50000	0.136351	0.478564	0.135418
0.000525	0.022497	7.226370	
0.75000	0.136351	0.508078	0.135418
0.000525	0.181283	7.308469	
1.00000	0.136351	0.539339	0.135418
0.000525	0.351749	7.475578	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079190	-0.541077	-0.137405
-0.000529	-0.332070	-1.747856	
0.25000	-0.079190	-0.509814	-0.137405
-0.000529	-0.161488	-1.557769	
0.50000	-0.079190	-0.480302	-0.137405
-0.000529	-0.005474	-1.655997	
0.75000	-0.079190	-0.448911	-0.137405
-0.000529	-0.171814	-1.809678	
1.00000	-0.079190	-0.425092	-0.137405
-0.000529	-0.340177	-2.016824	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.235408	11.412146	0.182622
0.000726	0.447453	25.002571	
0.25000	0.235408	33.609825	0.182622
0.000726	0.232055	82.361764	
0.50000	0.235408	62.865856	0.182622
0.000726	0.083314	104.874410	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.235408	90.372646	0.182622
0.000726	0.290784	82.388318	
1.00000	0.235408	119.507800	0.182622
0.000726	0.540245	25.040753	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180036	-119.518979	-0.205595
-0.000685	-0.514761	-80.512978	
0.25000	-0.180036	-90.382228	-0.205595
-0.000685	-0.261390	-29.920328	
0.50000	-0.180036	-62.876509	-0.205595
-0.000685	-0.047314	-29.466191	
0.75000	-0.180036	-33.832526	-0.205595
-0.000685	-0.245024	-30.254501	
1.00000	-0.180036	-11.421258	-0.205595
-0.000685	-0.463945	-80.872365	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218812	8.243716	0.181958
0.000886	0.460810	25.323159	
0.25000	0.218812	23.355763	0.181958
0.000886	0.243334	64.086378	
0.50000	0.218812	43.273093	0.181958
0.000886	0.082747	79.288909	
0.75000	0.218812	61.999550	0.181958
0.000886	0.274678	64.127661	
1.00000	0.218812	81.834588	0.181958
0.000886	0.523098	25.396885	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.233716	-81.856709	-0.203292
-0.000892	-0.510015	-56.736463	
0.25000	-0.233716	-62.020583	-0.203292
-0.000892	-0.258807	-22.151805	
0.50000	-0.233716	-43.294855	-0.203292
-0.000892	-0.038187	-21.979689	
0.75000	-0.233716	-23.377422	-0.203292
-0.000892	-0.234912	-22.687524	
1.00000	-0.233716	-8.264430	-0.203292
-0.000892	-0.455244	-57.319021	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233131	6.960116	0.189770
0.000854	0.488327	23.845812	
0.25000	0.233131	19.499899	0.189770
0.000854	0.259967	55.937834	
0.50000	0.233131	36.027046	0.189770
0.000854	0.079056	68.517226	
0.75000	0.233131	51.566021	0.189770
0.000854	0.279818	55.987536	
1.00000	0.233131	68.024882	0.189770
0.000854	0.540526	23.937439	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246713	-68.053645	-0.212559
-0.000858	-0.534942	-48.086632	
0.25000	-0.246713	-51.593882	-0.212559
-0.000858	-0.271943	-19.322278	
0.50000	-0.246713	-36.055512	-0.212559
-0.000858	-0.034863	-19.261970	
0.75000	-0.246713	-19.529279	-0.212559
-0.000858	-0.236660	-19.935332	
1.00000	-0.246713	-6.987712	-0.212559
-0.000858	-0.467327	-48.758514	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092873	9.367295	0.029842
0.000201	0.075153	16.513774	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.092873	27.944752	0.029842
0.000201	0.050230	64.633617	
0.50000	0.092873	52.429413	0.029842
0.000201	0.056576	83.534929	
0.75000	0.092873	75.450117	0.029842
0.000201	0.084992	64.730036	
1.00000	0.092873	99.833615	0.029842
0.000201	0.138524	16.547249	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.108718	-99.846265	-0.047161
-0.000202	-0.127076	-66.399839	
0.25000	-0.108718	-75.461429	-0.047161
-0.000202	-0.073056	-24.144056	
0.50000	-0.108718	-52.441622	-0.047161
-0.000202	-0.036401	-23.713506	
0.75000	-0.108718	-27.956834	-0.047161
-0.000202	-0.050389	-24.280941	
1.00000	-0.108718	-9.378215	-0.047161
-0.000202	-0.080674	-66.551222	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112879	8.960567	0.061943
0.000440	0.171833	20.716350	
0.25000	0.112879	26.251892	0.061943
0.000440	0.105079	65.301034	
0.50000	0.112879	49.041451	0.061943
0.000440	0.070577	82.797787	
0.75000	0.112879	70.468423	0.061943
0.000440	0.118544	65.344312	
1.00000	0.112879	93.163834	0.061943
0.000440	0.221378	20.791620	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.189159	-93.190199	-0.086299
-0.000440	-0.232605	-63.255058	
0.25000	-0.189159	-70.493545	-0.086299
-0.000440	-0.126769	-23.824406	
0.50000	-0.189159	-49.067417	-0.086299
-0.000440	-0.038438	-23.537307	
0.75000	-0.189159	-26.277729	-0.086299
-0.000440	-0.080643	-24.192021	
1.00000	-0.189159	-8.985322	-0.086299
-0.000440	-0.150938	-63.662462	

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.186011 6.966500 0.147991
0.000836 0.381313 23.433546
0.25000 0.186011 19.206186 0.147991
0.000836 0.204810 54.641403
0.50000 0.186011 35.337810 0.147991
0.000836 0.076054 66.872816
0.75000 0.186011 50.504912 0.147991
0.000836 0.227684 54.688393
1.00000 0.186011 66.569887 0.147991
0.000836 0.436162 23.520638

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.250829 -66.597541 -0.170438
-0.000840 -0.428532 -46.646307
0.25000 -0.250829 -50.531686 -0.170438
-0.000840 -0.218829 -18.589583
0.50000 -0.250829 -35.365175 -0.170438
-0.000840 -0.033035 -18.506990
0.75000 -0.250829 -19.233466 -0.170438
-0.000840 -0.186343 -19.139901
1.00000 -0.250829 -6.993014 -0.170438
-0.000840 -0.367476 -47.248572
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4423

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.205771 5.888647 0.166630
0.000767 0.434982 21.958334
0.25000 0.205771 16.141974 0.166630
0.000767 0.234062 48.118681
0.50000 0.205771 29.655624 0.166630
0.000767 0.073033 58.373818
0.75000 0.205771 42.361281 0.166630
0.000767 0.243663 48.173269
1.00000 0.205771 55.819097 0.166630
0.000767 0.474116 22.060929

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.260991 -55.850538 -0.187683
-0.000688 -0.474341 -40.050995
0.25000 -0.260991 -42.391985 -0.187683
-0.000688 -0.242005 -16.484521
0.50000 -0.260991 -29.686822 -0.187683
-0.000688 -0.030710 -16.495701
0.75000 -0.260991 -16.173103 -0.187683
-0.000688 -0.202560 -17.108557
1.00000 -0.260991 -5.919134 -0.187683
-0.000688 -0.405012 -40.738177

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.075496 0.121337 0.070137
7.25E-06 0.185373 3.561397
0.25000 0.075496 0.145155 0.070137
7.25E-06 0.101206 3.616284
0.50000 0.075496 0.176545 0.070137
7.25E-06 0.014317 3.646446
0.75000 0.075496 0.206059 0.070137
7.25E-06 0.084451 3.640750
1.00000 0.075496 0.237020 0.070137
7.25E-06 0.173284 3.610786

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.109603 -0.230618 -0.071451
-7.23E-06 -0.182058 -1.597505
0.25000 -0.109603 -0.199355 -0.071451
-7.23E-06 -0.093219 -1.445893
0.50000 -0.109603 -0.169842 -0.071451
-7.23E-06 -0.004621 -1.569009
0.75000 -0.109603 -0.138452 -0.071451
-7.23E-06 -0.114776 -1.697634
1.00000 -0.109603 -0.114633 -0.071451
-7.23E-06 -0.160768 -1.879723

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.134602 0.655264 0.109006
0.000181 0.295010 7.767841
0.25000 0.134602 1.369781 0.109006
0.000181 0.160964 9.458961
0.50000 0.134602 2.311499 0.109006
0.000181 0.026844 10.128683
0.75000 0.134602 3.196911 0.109006
0.000181 0.141000 9.500257
1.00000 0.134602 4.134738 0.109006
0.000181 0.288337 7.853960

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.180647 -4.142913 -0.118669
-0.000180 -0.302814 -5.200301
0.25000 -0.180647 -3.205035 -0.118669
-0.000180 -0.155314 -3.401552
0.50000 -0.180647 -2.319658 -0.118669
-0.000180 -0.009655 -3.600777
0.75000 -0.180647 -1.377935 -0.118669
-0.000180 -0.117378 -3.848248
1.00000 -0.180647 -0.663373 -0.118669
-0.000180 -0.251785 -5.699674
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4424

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.139655 1.204057 0.112251
0.000400 0.311118 13.138876
0.25000 0.139655 2.340140 0.112251
0.000400 0.173215 15.746357
0.50000 0.139655 3.837471 0.112251
0.000400 0.045149 16.756000
0.75000 0.139655 5.245276 0.112251
0.000400 0.146018 15.801892
1.00000 0.139655 6.736420 0.112251
0.000400 0.299097 13.252033

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.238965 -6.755367 -0.123373
-0.000400 -0.316237 -7.679015
0.25000 -0.238965 -5.264141 -0.123373
-0.000400 -0.162944 -4.848978
0.50000 -0.238965 -3.856391 -0.123373
-0.000400 -0.051426 -5.106236
0.75000 -0.238965 -2.359052 -0.123373
-0.000400 -0.120890 -5.453722
1.00000 -0.238965 -1.222898 -0.123373
-0.000400 -0.258838 -8.351498

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.194136 6.720251 0.153273
0.000569 0.404924 21.997568
0.25000 0.194136 18.831324 0.153273
0.000569 0.221593 53.044186
0.50000 0.194136 34.793439 0.153273
0.000569 0.074638 65.220901
0.75000 0.194136 49.801167 0.153273
0.000569 0.225840 53.103073
1.00000 0.194136 65.697333 0.153273
0.000569 0.439608 22.108983

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.280706 -65.718912 -0.174587
-0.000571 -0.446275 -46.501574
0.25000 -0.280706 -49.821875 -0.174587
-0.000571 -0.230334 -18.729508
0.50000 -0.280706 -34.814731 -0.174587
-0.000571 -0.033707 -18.691579
0.75000 -0.280706 -18.852533 -0.174587
-0.000571 -0.183388 -19.341648
1.00000 -0.280706 -6.740702 -0.174587
-0.000571 -0.368548 -47.178764

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.200440 0.507937 0.175323
0.000428 0.426706 7.724415
0.25000 0.200440 0.516001 0.175323
0.000428 0.211199 7.651474
0.50000 0.200440 0.535209 0.175323
0.000428 0.025941 7.594341
0.75000 0.200440 0.556133 0.175323
0.000428 0.230081 7.584118
1.00000 0.200440 0.574501 0.175323
0.000428 0.439612 7.588347

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.153409 -0.539368 -0.169767
-0.000431 -0.405777 -3.864539
0.25000 -0.153409 -0.521000 -0.169767
-0.000431 -0.195112 -3.850584
0.50000 -0.153409 -0.500075 -0.169767
-0.000431 -0.009893 -3.864732
0.75000 -0.153409 -0.480867 -0.169767
-0.000431 -0.227396 -3.878806
1.00000 -0.153409 -0.463509 -0.169767
-0.000431 -0.444224 -3.920816
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4425

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.320444 13.307876 0.243487
0.000564 0.595204 23.769435
0.25000 0.320444 26.144748 0.243487
0.000564 0.314065 63.368767
0.50000 0.320444 56.724475 0.243487
0.000564 0.090552 85.919777
0.75000 0.320444 90.034634 0.243487
0.000564 0.367215 63.267803
1.00000 0.320444 119.276468 0.243487
0.000564 0.667317 23.539944

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.312410 -119.234731 -0.255811
-0.000539 -0.630452 -75.297596
0.25000 -0.312410 -89.992803 -0.255811
-0.000539 -0.316349 -30.849813
0.50000 -0.312410 -56.681031 -0.255811
-0.000539 -0.044626 -30.617422
0.75000 -0.312410 -26.102370 -0.255811
-0.000539 -0.338864 -30.902331
1.00000 -0.312410 -13.264477 -0.255811
-0.000539 -0.639719 -75.394719

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.309775 9.996825 0.246092
0.000729 0.615877 25.025628
0.25000 0.309775 19.111649 0.246092
0.000729 0.328148 52.988462
0.50000 0.309775 40.824791 0.246092
0.000729 0.093463 68.930078
0.75000 0.309775 64.476678 0.246092
0.000729 0.358882 52.864835
1.00000 0.309775 85.239650 0.246092
0.000729 0.668735 24.759091

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.345819 -85.176225 -0.260151
-0.000706 -0.645325 -57.811048
0.25000 -0.345819 -64.412986 -0.260151
-0.000706 -0.325296 -26.278171
0.50000 -0.345819 -40.759954 -0.260151
-0.000706 -0.043112 -26.140537
0.75000 -0.345819 -19.047568 -0.260151
-0.000706 -0.324971 -26.270173
1.00000 -0.345819 -9.932019 -0.260151
-0.000706 -0.628126 -57.989351

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.322425 8.474500 0.262658
0.000710 0.668236 24.059718
0.25000 0.322425 16.039949 0.262658
0.000710 0.356869 47.231322
0.50000 0.322425 34.062203 0.262658
0.000710 0.093483 60.426668
0.75000 0.322425 53.693646 0.262658
0.000710 0.369712 47.105782
1.00000 0.322425 70.927409 0.262658
0.000710 0.705250 23.793156

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.366928 -70.857499 -0.278951
-0.000690 -0.698698 -50.263117
0.25000 -0.366928 -53.623680 -0.278951
-0.000690 -0.354776 -24.108236
0.50000 -0.366928 -33.991287 -0.278951
-0.000690 -0.041981 -24.011957
0.75000 -0.366928 -15.969661 -0.278951
-0.000690 -0.331534 -24.220547
1.00000 -0.366928 -8.403610 -0.278951
-0.000690 -0.655826 -50.482943
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4426

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.124699 9.240378 0.048910
0.000170 0.122875 13.938626
0.25000 0.124699 18.239090 0.048910
0.000170 0.078104 41.657413
0.50000 0.124699 39.675632 0.048910
0.000170 0.054564 57.422548
0.75000 0.124699 63.026221 0.048910
0.000170 0.105276 41.621160
1.00000 0.124699 83.524894 0.048910
0.000170 0.174227 13.845613

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.175694 -83.510486 -0.065089
-0.000171 -0.167606 -51.437059
0.25000 -0.175694 -63.011748 -0.065089
-0.000171 -0.091327 -20.278604
0.50000 -0.175694 -39.660028 -0.065089
-0.000171 -0.028120 -20.115246
0.75000 -0.175694 -16.224233 -0.065089
-0.000171 -0.078536 -20.314455
1.00000 -0.175694 -9.224805 -0.065089
-0.000171 -0.138913 -51.503436

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.158131 9.122436 0.094592
0.000364 0.252023 18.842491
0.25000 0.158131 17.709916 0.094592
0.000364 0.152540 45.248829
0.50000 0.158131 38.166831 0.094592
0.000364 0.073278 60.297849
0.75000 0.158131 60.450324 0.094592
0.000364 0.155397 45.178833
1.00000 0.158131 80.012229 0.094592
0.000364 0.286722 18.685505

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.243138 -79.973307 -0.114936
-0.000364 -0.302773 -52.424653
0.25000 -0.243138 -60.411338 -0.114936
-0.000364 -0.163858 -22.714576
0.50000 -0.243138 -38.126767 -0.114936
-0.000364 -0.035911 -22.583382
0.75000 -0.243138 -17.670565 -0.114936
-0.000364 -0.121058 -22.798259
1.00000 -0.243138 -9.082401 -0.114936
-0.000364 -0.237086 -52.586662

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.260759 6.700088 0.202919
0.000685 0.514998 21.869375
0.25000 0.260759 12.280741 0.202919
0.000685 0.257730 38.699669
0.50000 0.260759 25.574854 0.202919
0.000685 0.079725 48.261923
0.75000 0.260759 40.055986 0.202919
0.000685 0.293129 38.584866
1.00000 0.260759 52.768469 0.202919
0.000685 0.557667 21.632021

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.344029 -52.704238 -0.219406
-0.000688 -0.545124 -38.779414
0.25000 -0.344029 -39.991714 -0.219406
-0.000688 -0.275078 -19.486656
0.50000 -0.344029 -25.509881 -0.219406
-0.000688 -0.035258 -19.425197
0.75000 -0.344029 -12.216231 -0.219406
-0.000688 -0.256232 -19.588227
1.00000 -0.344029 -6.635134 -0.219406
-0.000688 -0.506713 -38.969658
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4427

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.272172 5.737970 0.233611
0.000637 0.602138 21.287975
0.25000 0.272172 10.418752 0.233611
0.000637 0.322300 35.401553
0.50000 0.272172 21.562211 0.233611
0.000637 0.079005 43.421811
0.75000 0.272172 33.715284 0.233611
0.000637 0.324547 35.286320
1.00000 0.272172 44.377900 0.233611
0.000637 0.632147 21.046697

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.371883 -44.307124 -0.253010
-0.000561 -0.635949 -34.791344
0.25000 -0.371883 -33.644474 -0.253010
-0.000561 -0.302377 -18.635352
0.50000 -0.371883 -21.497813 -0.253010
-0.000561 -0.035553 -18.602170
0.75000 -0.371883 -10.347742 -0.253010
-0.000561 -0.282044 -18.757291
1.00000 -0.371883 -5.666588 -0.253010
-0.000561 -0.570880 -35.031903

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.083050 0.213716 0.104097
6.13E-06 0.177459 4.515637
0.25000 0.083050 0.221780 0.104097
6.13E-06 0.147353 4.524228
0.50000 0.083050 0.240988 0.104097
6.13E-06 0.018844 4.521253
0.75000 0.083050 0.261912 0.104097
6.13E-06 0.130325 4.491852
1.00000 0.083050 0.280280 0.104097
6.13E-06 0.271490 4.454336

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.160457 -0.246053 -0.113499
-6.12E-06 -0.292607 -3.611157
0.25000 -0.160067 -0.229685 -0.113499
-6.12E-06 -0.151448 -3.611940
0.50000 -0.160067 -0.208761 -0.113499
-6.12E-06 -0.009095 -3.640455
0.75000 -0.160067 -0.189553 -0.113499
-6.12E-06 -0.111265 -3.670539
1.00000 -0.160067 -0.181489 -0.113499
-6.12E-06 -0.240973 -3.728394

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.162487 0.743939 0.164480
0.000154 0.441372 9.060687
0.25000 0.162487 1.010030 0.164480
0.000154 0.237258 9.800326
0.50000 0.162487 1.643906 0.164480
0.000154 0.053436 11.195281
0.75000 0.162487 2.334381 0.164480
0.000154 0.204782 9.739314
1.00000 0.162487 2.940524 0.164480
0.000154 0.427479 8.939019

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.252769 -2.888701 -0.179188
-0.000154 -0.463706 -7.744135
0.25000 -0.252769 -2.282555 -0.179188
-0.000154 -0.241131 -6.872002
0.50000 -0.252769 -1.592047 -0.179188
-0.000154 -0.017386 -6.916398
0.75000 -0.252769 -0.958193 -0.179188
-0.000154 -0.174696 -6.971505
1.00000 -0.252769 -0.692081 -0.179188
-0.000154 -0.379065 -7.943928
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4428

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.179865 0.899905 0.167660
0.000343 0.451971 13.860699
0.25000 0.179865 0.907162 0.167660
0.000343 0.246897 13.611333
0.50000 0.179865 0.924450 0.167660
0.000343 0.052490 13.456697
0.75000 0.179865 0.943281 0.167660
0.000343 0.216688 13.525517
1.00000 0.179865 0.959812 0.167660
0.000343 0.448095 13.687400

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.319017 -0.890747 -0.186439
-0.000343 -0.479899 -8.699048
0.25000 -0.319017 -0.874216 -0.186439
-0.000343 -0.249202 -8.738136
0.50000 -0.319017 -0.855384 -0.186439
-0.000343 -0.022818 -8.802444
0.75000 -0.319017 -0.838097 -0.186439
-0.000343 -0.177766 -8.866844
1.00000 -0.319017 -0.830839 -0.186439
-0.000343 -0.385060 -8.956096

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.259497 6.090794 0.220053
0.000482 0.572675 20.862492
0.25000 0.259497 11.170712 0.220053
0.000482 0.310167 36.221027
0.50000 0.259497 23.271985 0.220053
0.000482 0.078669 44.933978
0.75000 0.259497 36.453730 0.220053
0.000482 0.307769 36.114963
1.00000 0.259497 48.025601 0.220053
0.000482 0.603809 20.637070

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.397070 -47.953905 -0.243509
-0.000484 -0.617262 -36.850959
0.25000 -0.397070 -36.382036 -0.243509
-0.000484 -0.317324 -19.315148
0.50000 -0.397070 -23.139614 -0.243509
-0.000484 -0.036162 -19.276710
0.75000 -0.397070 -11.098762 -0.243509
-0.000484 -0.260864 -19.442725
1.00000 -0.397070 -6.018440 -0.243509
-0.000484 -0.533614 -37.102677

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.235408 11.412146 0.189770
0.000886 0.488327 25.323159
0.25000 0.235408 33.609825 0.189770
0.000886 0.259997 82.361764
0.50000 0.235408 62.865856 0.189770
0.000886 0.083314 104.874410
0.75000 0.235408 90.372646 0.189770
0.000886 0.290784 82.388318
1.00000 0.235408 119.507800 0.189770
0.000886 0.540526 25.396885

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.280706 -119.518979 -0.212559
-0.000892 -0.534947 -80.512978
0.25000 -0.280706 -90.382228 -0.212559
-0.000892 -0.271943 -29.920328
0.50000 -0.280706 -62.876509 -0.212559
-0.000892 -0.047314 -29.466191
0.75000 -0.280706 -33.620326 -0.212559
-0.000892 -0.245024 -30.254501
1.00000 -0.280706 -11.421107 -0.212559
-0.000892 -0.467327 -80.872365
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4429

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.322425 13.307876 0.262658
0.000729 0.668236 25.025628
0.25000 0.322425 26.144748 0.262658
0.000729 0.356869 63.368767
0.50000 0.322425 56.724475 0.262658
0.000729 0.093463 85.919777
0.75000 0.322425 90.034634 0.262658
0.000729 0.369712 63.267803
1.00000 0.322425 119.276468 0.262658
0.000729 0.705250 24.759091

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.397070 -119.234731 -0.278951
-0.000706 -0.698698 -75.297596
0.25000 -0.397070 -89.992803 -0.278951
-0.000706 -0.354776 -30.849813
0.50000 -0.397070 -56.681031 -0.278951
-0.000706 -0.044626 -30.617422
0.75000 -0.397070 -26.102370 -0.278951
-0.000706 -0.338864 -30.902331
1.00000 -0.397070 -13.264477 -0.278951
-0.000706 -0.655826 -75.394719

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.322425 13.307876 0.262658
0.000886 0.668236 25.323159
0.25000 0.322425 33.609825 0.262658
0.000886 0.356869 82.361764
0.50000 0.322425 62.865856 0.262658
0.000886 0.093463 104.874410
0.75000 0.322425 90.372646 0.262658
0.000886 0.369712 82.388318
1.00000 0.322425 119.507800 0.262658
0.000886 0.705250 25.396885

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.397070 -119.518979 -0.278951
-0.000892 -0.698698 -80.512978
0.25000 -0.397070 -90.382228 -0.278951
-0.000892 -0.354776 -30.849813

0.50000	-0.397070	-62.876509	-0.278951
-0.000892	-0.047314	-30.617422	
0.75000	-0.397070	-33.620326	-0.278951
-0.000892	-0.338864	-30.902331	
1.00000	-0.397070	-13.264477	-0.278951
-0.000892	-0.655826	-80.872365	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322425	13.307876	0.262658
0.000886	0.668236	25.323159	
0.25000	0.322425	33.609825	0.262658
0.000886	0.356869	82.361764	
0.50000	0.322425	62.865856	0.262658
0.000886	0.093463	104.874410	
0.75000	0.322425	90.372646	0.262658
0.000886	0.369712	82.388318	
1.00000	0.322425	119.507800	0.262658
0.000886	0.705250	25.396885	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.397070	-119.518979	-0.278951
-0.000892	-0.698698	-80.512978	
0.25000	-0.397070	-90.382228	-0.278951
-0.000892	-0.354776	-30.849813	
0.50000	-0.397070	-62.876509	-0.278951
-0.000892	-0.047314	-30.617422	
0.75000	-0.397070	-33.620326	-0.278951
-0.000892	-0.338864	-30.902331	
1.00000	-0.397070	-13.264477	-0.278951
-0.000892	-0.655826	-80.872365	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4430
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 429 ========== LENGTH = 4.973059

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.126108	0.534820	0.141591
0.000792	0.349954	7.503397	
0.25000	0.126108	0.558668	0.141591
0.000792	0.173917	7.159293	
0.50000	0.126108	0.590061	0.141591
0.000792	0.021735	6.894166	
0.75000	0.126108	0.619574	0.141591
0.000792	0.202360	6.783315	
1.00000	0.126108	0.650851	0.141591
0.000792	0.395893	6.764663	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098626	-0.429072	-0.155839
-0.000262	-0.379589	-2.018207	
0.25000	-0.098626	-0.397815	-0.155839
-0.000262	-0.185936	-2.131018	
0.50000	-0.098626	-0.368299	-0.155839
-0.000262	-0.007258	-2.297405	
0.75000	-0.098626	-0.336907	-0.155839
-0.000262	-0.178156	-2.465005	
1.00000	-0.098626	-0.313100	-0.155839
-0.000262	-0.354186	-2.686048	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.223515	11.578969	0.194774
0.000992	0.480128	25.078292	
0.25000	0.223515	33.805223	0.194774
0.000992	0.237292	82.159564	
0.50000	0.223515	63.063605	0.194774
0.000992	0.082003	104.354781	
0.75000	0.223515	90.569686	0.194774
0.000992	0.335239	81.408809	
1.00000	0.223515	119.720239	0.194774
0.000992	0.629919	23.842653	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199973	-119.316190	-0.243265
-0.000371	-0.001669	-80.068312	
0.25000	-0.199973	-90.184754	-0.243265
-0.000371	-0.311981	-30.693090	
0.50000	-0.199973	-62.675722	-0.243265
-0.000371	-0.050292	-30.451378	
0.75000	-0.199973	-33.418719	-0.243265
-0.000371	-0.247575	-31.340052	
1.00000	-0.199973	-11.230335	-0.243265
-0.000371	-0.488491	-82.036959	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.211734	8.482332	0.183719
0.001108	0.456014	25.431446	
0.25000	0.211734	23.613832	0.183719
0.001108	0.227604	63.795220	
0.50000	0.211734	43.532763	0.183719
0.001108	0.080785	78.579809	
0.75000	0.211734	62.258737	0.183719
0.001108	0.319563	62.894380	
1.00000	0.211734	82.104258	0.183719
0.001108	0.626473	23.810489	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.249974	-81.599394	-0.238536
-0.000632	-0.584176	-57.314515	
0.25000	-0.249974	-61.766888	-0.238536
-0.000632	-0.288236	-23.330424	
0.50000	-0.249974	-43.038904	-0.238536
-0.000632	-0.004297	-23.340767	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4431
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.249974	-23.120913	-0.238536
-0.000632	-0.230597	-24.120669	
1.00000	-0.249974	-8.015194	-0.238536
-0.000632	-0.458149	-58.809717	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231532	7.212060	0.179380
0.000951	0.448501	23.958940	
0.25000	0.231532	19.767985	0.179380
0.000951	0.225622	55.629225	
0.50000	0.231532	36.296460	0.179380
0.000951	0.076915	67.787202	
0.75000	0.231532	51.835035	0.179380
0.000951	0.325484	54.721771	
1.00000	0.231532	68.302595	0.179380
0.000951	0.615689	22.294805	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.260882	-67.800718	-0.237251
-0.000768	-0.584411	-48.752084	
0.25000	-0.260882	-51.343957	-0.237251
-0.000768	-0.289961	-20.632796	
0.50000	-0.260882	-35.803716	-0.237251
-0.000768	-0.039606	-20.721654	
0.75000	-0.260882	-19.276020	-0.237251
-0.000768	-0.221710	-21.449084	
1.00000	-0.260882	-6.741488	-0.237251
-0.000768	-0.444007	-50.313889	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090042	9.440607	0.037132
0.000204	0.089758	16.554422	
0.25000	0.090042	28.041979	0.037132
0.000204	0.043569	64.551324	
0.50000	0.090042	52.528607	0.037132
0.000204	0.055895	83.301260	
0.75000	0.090042	75.548718	0.037132
0.000204	0.117854	64.156509	
1.00000	0.090042	99.945103	0.037132
0.000204	0.204067	15.980020	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107885	-99.745366	-0.074595
-0.000194	-0.195638	-66.545848	
0.25000	-0.107885	-75.364980	-0.074595
-0.000194	-0.103085	-24.449131	
0.50000	-0.107885	-52.342400	-0.074595
-0.000194	-0.037792	-24.142262	
0.75000	-0.107885	-27.856925	-0.074595
-0.000194	-0.049704	-24.781423	
1.00000	-0.107885	-9.287247	-0.074595
-0.000194	-0.094875	-67.105587	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.120989	9.116753	0.052563
0.000342	0.123403	20.395279	
0.25000	0.120989	26.430337	0.052563
0.000342	0.068155	65.123327	
0.50000	0.120989	49.221737	0.052563
0.000342	0.069120	82.343862	
0.75000	0.120989	70.648148	0.052563
0.000342	0.159172	64.478582	
1.00000	0.120989	93.355553	0.052563
0.000342	0.279789	19.721210	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.186941	-93.011897	-0.102082
-0.000519	-0.255019	-63.654926	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4432
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.186941	-70.319384	-0.102082
-0.000519	-0.128658	-24.595963	
0.50000	-0.186941	-48.890675	-0.102082
-0.000519	-0.041436	-24.433704	
0.75000	-0.186941	-26.100349	-0.102082
-0.000519	-0.064005	-25.151981	
1.00000	-0.186941	-8.816264	-0.102082
-0.000519	-0.128376	-64.669375	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.190657	7.204005	0.144586
0.000928	0.360158	23.543595	
0.25000	0.190657	19.459447	0.144586
0.000928	0.180524	54.351542	
0.50000	0.190657	35.592368	0.144586
0.000928	0.074091	66.192668	
0.75000	0.190657	50.759980	0.144586
0.000928	0.272615	53.498526	
1.00000	0.190657	66.832544	0.144586
0.000928	0.526551	21.977760	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254978	-66.346509	-0.200061
-0.000693	-0.488161	-47.243053	
0.25000	-0.254978	-50.283585	-0.200061
-0.000693	-0.240109	-19.774912	
0.50000	-0.254978	-35.115247	-0.200061
-0.000693	-0.112766	-19.439552	
0.75000	-0.254978	-18.983086	-0.200061
-0.000693	-0.180107	-20.528080	
1.00000	-0.254978	-6.748525	-0.200061
-0.000693	-0.359170	-48.680311	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.211217	6.135184	0.148645
0.000768	0.374092	22.071031	
0.25000	0.211217	16.401710	0.148645
0.000768	0.189419	47.811991	
0.50000	0.211217	29.164845	0.148645
0.000768	0.070906	57.666289	
0.75000	0.211217	42.621776	0.148645
0.000768	0.283332	46.961235	
1.00000	0.211217	56.086704	0.148645
0.000768	0.536111	20.479972	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265663	-55.622988	-0.206531
-0.000813	-0.507576	-40.730285	
0.25000	-0.265663	-42.166800	-0.206531
-0.000813	-0.251371	-17.795104	
0.50000	-0.265663	-29.460196	-0.206531
-0.000813	-0.035489	-17.924705	
0.75000	-0.265663	-15.946098	-0.206531
-0.000813	-0.181614	-18.576441	
1.00000	-0.265663	-5.697064	-0.206531
-0.000813	-0.365736	-42.235092	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086372	0.174473	0.045409
4.65E-06	0.119047	3.596161	
0.25000	0.086372	0.198321	0.045409
4.65E-06	0.062671	3.527691	
0.50000	0.086372	0.229714	0.045409
4.65E-06	0.013585	3.436674	
0.75000	0.086372	0.259227	0.045409
4.65E-06	0.075546	3.308087	
1.00000	0.086372	0.290505	0.045409
4.65E-06	0.153975	3.158409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4433
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.108738	-0.217654	-0.063086
-0.000333	-0.159795	-1.874188	
0.25000	-0.108738	-0.186397	-0.063086
-0.000333	-0.081360	-1.935843	
0.50000	-0.108738	-0.156681	-0.063086
-0.000333	-0.006507	-2.051075	
0.75000	-0.108738	-0.125489	-0.063086
-0.000333	-0.050854	-2.167519	
1.00000	-0.108738	-0.101682	-0.063086
-0.000333	-0.107242	-2.337406	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154857	0.777636	0.074247
9.54E-05	0.193640	7.833590	
0.25000	0.154857	1.493074	0.074247
9.54E-05	0.101536	9.292672	
0.50000	0.154857	2.434867	0.074247
9.54E-05	0.027689	9.748849	
0.75000	0.154857	3.320256	0.074247
9.54E-05	0.126709	8.866045	
1.00000	0.154857	4.258578	0.074247
9.54E-05	0.257363	6.991268	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179518	-4.067977	-0.105261
-0.000635	-0.267192	-5.691458	
0.25000	-0.179518	-3.130270	-0.105261
-0.000635	-0.153636	-4.280676	
0.50000	-0.179518	-2.244786	-0.105261
-0.000635	-0.012828	-4.477196	
0.75000	-0.179518	-1.303037	-0.105261
-0.000635	-0.083780	-4.710102	
1.00000	-0.179518	-0.588818	-0.105261
-0.000635	-0.175897	-6.546276	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157106	1.399022	0.076518
0.000314	0.199496	13.238110	
0.25000	0.157106	2.536567	0.076518
0.000314	0.104719	15.491856	
0.50000	0.157106	4.034019	0.076518
0.000314	0.043182	16.169655	
0.75000	0.157106	5.441787	0.076518
0.000314	0.167387	14.842924	
1.00000	0.157106	6.933710	0.076518
0.000314	0.320469	11.959652	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.236453	-6.608643	-0.123854
-0.000794	-0.298098	-8.342465	
0.25000	-0.236453	-5.117888	-0.123854
-0.000794	-0.144616	-6.067207	
0.50000	-0.236453	-3.709969	-0.123854
-0.000794	-0.017819	-6.347559	
0.75000	-0.236453	-2.212588	-0.123854
-0.000794	-0.086565	-6.685765	
1.00000	-0.236453	-1.076981	-0.123854
-0.000794	-0.181480	-9.573168	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206808	6.942149	0.128441
0.000595	0.325455	22.109720	
0.25000	0.206808	19.068812	0.128441
0.000595	0.166004	52.762552	
0.50000	0.206808	35.032211	0.128441
0.000595	0.072524	64.546650	
0.75000	0.206808	50.039552	0.128441
0.000595	0.259671	51.930656	
1.00000	0.206808	65.944119	0.128441
0.000595	0.489346	20.592465	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4434
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.279588	-65.519030	-0.188390
-0.000820	-0.468649	-47.168808	
0.25000	-0.279588	-49.624894	-0.188390
-0.000820	-0.233130	-19.998126	
0.50000	-0.279588	-34.615943	-0.188390
-0.000820	-0.038431	-20.071210	
0.75000	-0.279588	-18.653297	-0.188390
-0.000820	-0.154905	-20.761034	
1.00000	-0.279588	-6.547295	-0.188390
-0.000820	-0.313790	-48.626272	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204972	0.643896	0.197580
0.000697	0.479646	7.636328	
0.25000	0.204972	0.651908	0.197580
0.000697	0.233785	7.330743	
0.50000	0.204972	0.671123	0.197580
0.000697	0.024441	7.039515	
0.75000	0.204972	0.692045	0.197580
0.000697	0.271841	6.738107	
1.00000	0.204972	0.710412	0.197580
0.000697	0.536795	6.575270	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.155251	-0.429295	-0.208430
-0.000228	-0.499997	-3.971196	
0.25000	-0.155251	-0.410927	-0.208430
-0.000228	-0.240946	-3.975843	
0.50000	-0.155251	-0.390004	-0.208430
-0.000228	-0.011125	-4.008321	
0.75000	-0.155251	-0.370796	-0.208430
-0.000228	-0.255697	-4.040957	
1.00000	-0.155251	-0.362737	-0.208430
-0.000228	-0.501578	-4.101480	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.321154	13.528562	0.271166
0.000844	0.654348	23.600790	
0.25000	0.321154	26.379458	0.271166
0.000844	0.336759	62.816904	
0.50000	0.321154	56.970295	0.271166
0.000844	0.087900	85.000644	
0.75000	0.321154	90.277886	0.271166
0.000844	0.446899	61.937000	
1.00000	0.321154	119.517523	0.271166
0.000844	0.825988	21.881474	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.323045	-119.007194	-0.318490
-0.000304	-0.780041	-75.452088	
0.25000	-0.323045	-89.766366	-0.318490
-0.000304	-0.389579	-31.028831	
0.50000	-0.323045	-56.456760	-0.318490
-0.000304	-0.046835	-31.017957	
0.75000	-0.323045	-25.877393	-0.318490
-0.000304	-0.376580	-31.326784	
1.00000	-0.323045	-13.047142	-0.318490
-0.000304	-0.712400	-75.966776	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.310196	10.287294	0.257316
0.000951	0.624792	24.812448	
0.25000	0.310196	19.412076	0.257316
0.000951	0.319632	52.263313	
0.50000	0.310196	41.133108	0.257316
0.000951	0.089940	67.705725	
0.75000	0.310196	64.783170	0.257316
0.000951	0.447227	51.109843	
1.00000	0.310196	85.544782	0.257316
0.000951	0.825502	22.530885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4435
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.354447	-84.907663	-0.315165
-0.000518	-0.761975	-58.036373	
0.25000	-0.354447	-64.145206	-0.315165
-0.000518	-0.376567	-26.519047	
0.50000	-0.354447	-40.493712	-0.315165
-0.000518	-0.045791	-26.536638	
0.75000	-0.354447	-18.780825	-0.315165
-0.000518	-0.353580	-26.781372	
1.00000	-0.354447	-9.670702	-0.315165
-0.000518	-0.671774	-58.503076	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.327109	8.771710	0.247327
0.000815	0.610648	23.826393	
0.25000	0.327109	16.345424	0.247327
0.000815	0.315622	46.456308	
0.50000	0.327109	34.374226	0.247327
0.000815	0.086673	59.149201	
0.75000	0.327109	54.004155	0.247327
0.000815	0.426521	45.284191	
1.00000	0.327109	71.236624	0.247327
0.000815	0.800433	21.477549	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.375540	-70.596411	-0.310270
-0.000624	-0.759276	-50.507385	
0.25000	-0.375540	-53.363241	-0.310270
-0.000624	-0.378743	-24.351471	
0.50000	-0.375540	-33.732124	-0.310270
-0.000624	-0.044863	-24.370018	
0.75000	-0.375540	-15.710082	-0.310270
-0.000624	-0.328139	-24.577106	
1.00000	-0.375540	-8.148535	-0.310270
-0.000624	-0.633149	-50.910563	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124140	9.340644	0.051555
0.000173	0.121188	13.854580	
0.25000	0.124140	18.349186	0.051555
0.000173	0.071757	41.401181	
0.50000	0.124140	39.793517	0.051555
0.000173	0.053130	56.995651	
0.75000	0.124140	63.142305	0.051555
0.000173	0.140087	40.993213	
1.00000	0.124140	83.639438	0.051555
0.000173	0.239046	13.085336	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.188201	-83.396826	-0.089434
-0.000157	-0.222221	-51.505469	
0.25000	-0.188201	-62.898858	-0.089434
-0.000157	-0.115795	-20.349374	
0.50000	-0.188201	-39.548657	-0.089434
-0.000157	-0.029013	-20.326774	
0.75000	-0.188201	-18.112367	-0.089434
-0.000157	-0.087621	-20.528034	
1.00000	-0.188201	-9.118296	-0.089434
-0.000157	-0.150308	-51.805751	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.161932	9.308270	0.071115
0.000300	0.177964	18.686781	
0.25000	0.161932	17.905132	0.071115
0.000300	0.104132	44.754461	
0.50000	0.161932	38.369480	0.071115
0.000300	0.070754	59.481638	
0.75000	0.161932	60.651254	0.071115
0.000300	0.191196	44.006052	
1.00000	0.161932	80.211689	0.071115
0.000300	0.333027	17.212543	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4436
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252942	-79.792452	-0.125177
-0.000419	-0.309431	-52.577020	
0.25000	-0.252942	-60.231219	-0.125177
-0.000419	-0.158964	-22.857691	
0.50000	-0.252942	-37.948097	-0.125177
-0.000419	-0.037627	-22.848918	
0.75000	-0.252942	-17.491423	-0.125177
-0.000419	-0.109210	-23.053972	
1.00000	-0.252942	-8.908371	-0.125177
-0.000419	-0.194463	-52.915304	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.265270	6.979500	0.198564
0.000807	0.485911	21.667051	
0.25000	0.265270	12.565799	0.198564
0.000807	0.248945	38.012681	
0.50000	0.265270	25.864743	0.198564
0.000807	0.076319	47.084071	
0.75000	0.265270	40.344758	0.198564
0.000807	0.365541	36.890107	
1.00000	0.265270	53.056286	0.198564
0.000807	0.677548	19.476530	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.351926	-52.457995	-0.258597
-0.000576	-0.623263	-38.996464	
0.25000	-0.351926	-39.745949	-0.258597
-0.000576	-0.305360	-19.717498	
0.50000	-0.351926	-25.265058	-0.258597
-0.000576	-0.037095	-19.746564	
0.75000	-0.351926	-11.971101	-0.258597
-0.000576	-0.269740	-19.913723	
1.00000	-0.351926	-6.393326	-0.258597
-0.000576	-0.514386	-39.353429	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.278658	6.026341	0.202976

```
0.000666     0.506837    21.062420
0.25000      0.278658    10.712236      0.202976
 0.000666     0.262930    34.664207
0.50000      0.278658    21.866747      0.202976
 0.000666     0.375250    42.175576
0.75000      0.278658    34.011883      0.202976
 0.000666     0.365056    33.510591
1.00000      0.278658    44.673698      0.202976
 0.000666     0.692662    18.787568

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.382004   -44.072884    -0.269679
-0.000674    -0.660494    -35.036505
0.25000     -0.382004   -33.410634    -0.269679
-0.000674    -0.326258    -18.868376
0.50000     -0.382004   -21.264764    -0.269679
-0.000674    -0.038521    -18.894506
0.75000     -0.382004   -10.114435    -0.269679
-0.000674    -0.262293    -19.037032
1.00000     -0.382004    -5.436068    -0.269679
-0.000674    -0.512623    -35.344083

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.089193    0.290630      0.061680
4.31E-06     0.166984    4.432754
0.25000      0.089193    0.298702      0.061680
4.31E-06     0.090241    4.278978
0.50000      0.089193    0.317917      0.061680
4.31E-06     0.017126    4.120286
0.75000      0.089193    0.338839      0.061680
4.31E-06     0.100497    3.935752
1.00000      0.089193    0.357206      0.061680
4.31E-06     0.271723    3.744583
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4437

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.164155   -0.209873     -0.089150
-0.000285    -0.231647    -3.699720
0.25000     -0.164155   -0.191505     -0.089150
-0.000285    -0.120551    -3.676236
0.50000     -0.164155   -0.170582     -0.089150
-0.000285    -0.010350    -3.680719
0.75000     -0.164155   -0.151374     -0.089150
-0.000285    -0.062820    -3.685379
1.00000     -0.164155   -0.143315     -0.089150
-0.000285    -0.139602    -3.717919

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.175833    0.891996      0.095565
9.15E-05     0.259308    8.907334
0.25000      0.175833    1.158377      0.095565
9.15E-05     0.141362    9.341671
0.50000      0.175833    1.704484      0.095565
9.15E-05     0.033589    9.473061
0.75000      0.175833    2.482905      0.095565
9.15E-05     0.160838    8.729715
1.00000      0.175833    3.089003      0.095565
9.15E-05     0.333107    7.651348

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.255860   -2.796268     -0.139481
-0.000532    -0.362726    -7.901560
0.25000     -0.255860   -2.190145     -0.139481
-0.000532    -0.188943    -7.923935
0.50000     -0.255860   -1.499682     -0.139481
-0.000532    -0.019336    -7.045182
0.75000     -0.255860   -0.865813     -0.139481
-0.000532    -0.100234    -7.072977
1.00000     -0.255860   -0.599659     -0.139481
-0.000532    -0.216784    -8.019747

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.191682    1.126818      0.102906
0.000284     0.274099    13.663511
0.25000      0.191682    1.134083      0.102906
0.000284     0.147407    12.989332
0.50000      0.191682    1.151377      0.102906
0.000284     0.048917    12.412564
0.75000      0.191682    1.170206      0.102906
0.000284     0.209661    12.049391
1.00000      0.191682    1.186736      0.102906
0.000284     0.413020    11.798306

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.327545   -0.733570     -0.164557
-0.000672    -0.410927    -8.918745
0.25000     -0.327545   -0.717040     -0.164557
-0.000672    -0.207054    -8.921704
0.50000     -0.327545   -0.698209     -0.164557
-0.000672    -0.025238    -8.950273
0.75000     -0.327545   -0.680922     -0.164557
-0.000672    -0.116484    -8.978343
1.00000     -0.327545   -0.673668     -0.164557
-0.000672    -0.242351    -9.031501

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.269413    6.362061      0.175461
0.000529     0.443765    20.637738
0.25000      0.269413    11.447528     0.175461
 0.000529     0.234579    35.505099
0.50000      0.269413    23.553199     0.175461
 0.000529     0.074795    43.726326
0.75000      0.269413    36.733966     0.175461
 0.000529     0.331680    34.391262
1.00000      0.269413    48.304928     0.175461
 0.000529     0.631865    18.452283
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4438

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.409600   -47.736929    -0.247664
-0.000683    -0.612631    -37.089738
0.25000     -0.409600   -36.165495    -0.247664
-0.000683    -0.307468    -19.532461
0.50000     -0.409600   -22.983930    -0.247664
-0.000683    -0.039031    -19.550262
0.75000     -0.409600   -10.882799    -0.247664
-0.000683    -0.223881    -19.696840
1.00000     -0.409600    -5.805501    -0.247664
-0.000683    -0.439694    -37.407681

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.231532    11.578969     0.194774
 0.001108     0.480128    25.431446
0.25000      0.231532    33.805223     0.194774
 0.001108     0.237952    82.159564
0.50000      0.231532    63.063605     0.194774
 0.001108     0.082003    104.354781
0.75000      0.231532    90.569686     0.194774
 0.001108     0.335653    81.408809
1.00000      0.231532    119.720239    0.194774
 0.001108     0.629919    23.842653

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.279588   -119.316190   -0.243265
-0.000820    -0.614169    -80.868312
0.25000     -0.279588    -90.184754   -0.243265
-0.000820    -0.311981    -30.693090
0.50000     -0.279588    -62.675722   -0.243265
-0.000820    -0.050292    -30.451378
0.75000     -0.279588    -33.418719   -0.243265
-0.000820    -0.247575    -31.340052
1.00000     -0.279588    -11.230335   -0.243265
-0.000820    -0.488491    -82.036959

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.327109    13.528562     0.271166
 0.000951     0.654348    24.812448
0.25000      0.327109    26.379458     0.271166
 0.000951     0.336759    62.816904
0.50000      0.327109    56.970295     0.271166
 0.000951     0.089940    85.000644
0.75000      0.327109    90.277866     0.271166
 0.000951     0.447227    61.937000
1.00000      0.327109    119.517523    0.271166
 0.000951     0.825988    22.530885

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.409600   -119.007194   -0.318490
-0.000683    -0.780041    -75.452088
0.25000     -0.409600    -89.766366   -0.318490
-0.000683    -0.389579    -31.028831
0.50000     -0.409600    -56.456764   -0.318490
-0.000683    -0.046835    -31.017957
0.75000     -0.409600    -25.877393   -0.318490
-0.000683    -0.376580    -31.326784
1.00000     -0.409600    -13.047142   -0.318490
-0.000683    -0.712400    -75.966776

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.327109    13.528562     0.271166
 0.001108     0.654348    25.431446
0.25000      0.327109    33.805223     0.271166
 0.001108     0.336759    82.159564
0.50000      0.327109    63.063605     0.271166
 0.001108     0.089940    104.354781
0.75000      0.327109    90.569686     0.271166
 0.001108     0.447227    81.408809
1.00000      0.327109    119.720239    0.271166
 0.001108     0.825988    23.842653
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4439

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.409600   -119.316190   -0.318490
-0.000820    -0.780041    -80.868312
0.25000     -0.409600    -90.184754   -0.318490
-0.000820    -0.389579    -31.028831
0.50000     -0.409600    -62.675722   -0.318490
-0.000820    -0.050292    -31.017957
0.75000     -0.409600    -33.418719   -0.318490
-0.000820    -0.376580    -31.340052
1.00000     -0.409600    -13.047142   -0.318490
-0.000820    -0.712400    -82.036959

COMB    DESIGN ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.327109    13.528562     0.271166
 0.001108     0.654348    25.431446
0.25000      0.327109    33.805223     0.271166
 0.001108     0.336759    82.159564
0.50000      0.327109    63.063605     0.271166
 0.001108     0.089940    104.354781
0.75000      0.327109    90.569686     0.271166
 0.001108     0.447227    81.408809
1.00000      0.327109    119.720239    0.271166
 0.001108     0.825988    23.842653

COMB    DESIGN ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.409600   -119.316190   -0.318490
-0.000820    -0.780041    -80.868312
0.25000     -0.409600    -90.184754   -0.318490
-0.000820    -0.389579    -31.028831
0.50000     -0.409600    -62.675722   -0.318490
-0.000820    -0.050292    -31.017957
0.75000     -0.409600    -33.418719   -0.318490
-0.000820    -0.376580    -31.340052
1.00000     -0.409600    -13.047142   -0.318490
-0.000820    -0.712400    -82.036959

ELEM      430 ================== LENGTH
=    4.972548

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.115644    0.725423      0.144855
0.001014     0.359442    6.787420
0.25000      0.115644    0.749309      0.144855
0.001014     0.179366    6.137318
0.50000      0.115644    0.780711      0.144855
0.001014     0.017417    5.524244
0.75000      0.115644    0.810224      0.144855
0.001014     0.215850    5.045287
1.00000      0.115644    0.841522      0.144855
0.001014     0.426356    4.691567

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.101277    -0.245085     -0.169451
-5.47E-06    -0.416557    -2.694413
0.25000     -0.101277    -0.213865     -0.169451
-5.47E-06    -0.206020    -2.715508
0.50000     -0.101277    -0.184340     -0.169451
-5.47E-06    -0.008411    -2.790367
0.75000     -0.101277    -0.152945     -0.169451
-5.47E-06    -0.180783    -2.866358
1.00000     -0.101277    -0.129178     -0.169451
-5.47E-06    -0.360858    -2.996286

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.207522    11.875300     0.201371
 0.001280     0.499096    23.913263
0.25000      0.207522    34.136703     0.201371
 0.001280     0.248731    80.443721
0.50000      0.207522    63.403476     0.201371
 0.001280     0.074611    102.073194
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4440

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
        T          M2          M3
0.75000      0.207522    90.909500     0.201371
 0.001280     0.363669    78.140821
1.00000      0.207522    120.079385    0.201371
 0.001280     0.690835    20.384647

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.205300   -118.902069   -0.273227
-5.67E-05    -0.694004    -82.009754
0.25000     -0.205300    -89.805421   -0.273227
-5.67E-05    -0.354513    -31.825403
0.50000     -0.205300    -62.287999   -0.273227
-5.67E-05    -0.053346    -31.525724
0.75000     -0.205300    -33.027998   -0.273227
-5.67E-05    -0.251875    -32.248956
1.00000     -0.205300    -10.877172   -0.273227
-5.67E-05    -0.502231    -83.086191

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.198860    8.892275      0.188106
0.001298     0.462286    23.887394
0.25000      0.198860    24.047704     0.188106
 0.001298     0.233012    61.547937
0.50000      0.198860    43.972348     0.188106
 0.001298     0.070849    75.588675
0.75000      0.198860    62.698283     0.188106
 0.001298     0.387863    58.849102
1.00000      0.198860    82.556966     0.188106
 0.001298     0.738978    19.283020

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.247627   -81.083164    -0.289612
-0.000374    -0.247627    -58.795689
0.25000     -0.247627   -61.274340    -0.289612
-0.000374    -0.359861    -24.685384
0.50000     -0.247627   -42.540645    -0.289612
-0.000374    -0.045847    -24.536323
0.75000     -0.247627   -22.620612    -0.289612
-0.000374    -0.243404    -25.083667
1.00000     -0.247627    -7.540463    -0.289612
-0.000374    -0.477339    -59.748368

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.220544    7.638847      0.178054
0.001081     0.440277    22.352007
0.25000      0.220544    20.214629     0.178054
 0.001081     0.219805    53.312614
0.50000      0.220544    36.747844     0.178054
 0.001081     0.066269    64.722341
0.75000      0.220544    52.288686     0.178054
 0.001081     0.365705    50.636643
1.00000      0.220544    68.764867     0.178054
 0.001081     0.701931    17.671414

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.258357   -67.345256    -0.276402
-0.000659    -0.687687    -50.301698
0.25000     -0.258357   -50.908147    -0.276402
-0.000659    -0.344443    -22.005364
0.50000     -0.258357   -35.363166    -0.276402
-0.000659    -0.042894    -21.888637
0.75000     -0.258357   -18.833777    -0.276402
-0.000659    -0.227860    -22.351779
1.00000     -0.258357    -6.320462    -0.276402
-0.000659    -0.449283    -51.124140

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.083883    9.567717      0.041266
0.000213     0.101477    16.028164
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4441

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
        T          M2          M3
0.25000      0.083883    28.198505     0.041266
 0.000213     0.050141    63.754149
0.50000      0.083883    52.692157     0.041266
 0.000213     0.118630    82.545823
0.75000      0.083883    75.712219     0.041266
 0.000213     0.139947    62.512053
1.00000      0.083883    100.124785    0.041266
 0.000213     0.250377    14.383150

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.111064   -99.527783    -0.097297
-0.000192    -0.255398    -67.076049
0.25000     -0.111064   -75.176510    -0.097297
-0.000192    -0.134445    -25.021210
0.50000     -0.111064   -52.146909    -0.097297
-0.000192    -0.039666    -24.715127
0.75000     -0.111064   -27.658925    -0.097297
-0.000192    -0.052382    -25.265087
1.00000     -0.111064    -9.120680    -0.097297
-0.000192    -0.103711    -67.755780

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.118853    9.381380      0.051706
0.000252     0.125190    19.773999
0.25000      0.118853    26.722344     0.051706
 0.000252     0.061957    63.634671
0.50000      0.118853    49.520281     0.051706
 0.000252     0.062123    80.383128
0.75000      0.118853    70.946647     0.051706
 0.000252     0.198448    61.697483
1.00000      0.118853    93.669111     0.051706
 0.000252     0.362629    16.743628

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.182231   -92.663655    -0.140135
-0.000586    -0.354797    -64.643314
0.25000     -0.182231   -69.998240    -0.140135
-0.000586    -0.180944    -25.526435
0.50000     -0.182231   -48.562995    -0.140135
-0.000586    -0.044069    -25.268013
0.75000     -0.182231   -25.770333    -0.140135
-0.000586    -0.073328    -25.806370
1.00000     -0.182231    -8.515505    -0.140135
-0.000586    -0.137710    -65.381899

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.184357    7.603193      0.146712
0.001003     0.361773    22.051087
0.25000      0.184357    19.878016     0.146712
 0.001003     0.179988    52.180913
0.50000      0.184357    36.015565     0.146712
 0.001003     0.064287    63.328103
0.75000      0.184357    51.182244     0.146712
 0.001003     0.330248    49.677367
1.00000      0.184357    67.266369     0.146712
 0.001003     0.628833    17.658589

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.247706   -65.844504    -0.246053
-0.000532    -0.609668    -48.668634
0.25000     -0.247706   -49.800762    -0.246053
-0.000532    -0.304210    -21.049790
0.50000     -0.247706   -34.627797    -0.246053
-0.000532    -0.040479    -20.937092
0.75000     -0.247706   -18.493983    -0.246053
-0.000532    -0.191234    -21.388467
1.00000     -0.247706    -6.280132    -0.246053
-0.000532    -0.373720    -49.472474
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4442

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.205458    6.543791      0.144458
 0.000836     0.357603    20.530628
0.25000      0.205458    16.826552     0.144458
 0.000836     0.178852    45.585479
0.50000      0.205458    30.345164     0.144458
 0.000836     0.060420    54.733049
0.75000      0.205458    43.050468     0.144458
 0.000836     0.320554    43.108382
1.00000      0.205458    56.524326     0.144458
 0.000836     0.615450    16.090244

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.259708   -55.214287    -0.242135
-0.000777    -0.501123    -42.223680
0.25000     -0.259708   -41.774258    -0.242135
-0.000777    -0.300460    -19.089050
0.50000     -0.259708   -29.063689    -0.242135
-0.000777    -0.038696    -18.996638
0.75000     -0.259708   -15.548206    -0.242135
-0.000777    -0.185563    -19.376762
1.00000     -0.259708    -5.316521    -0.242135
-0.000777    -0.365230    -42.905145

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.090662    0.285734      0.036044
4.43E-07     0.092039    3.140480
0.25000      0.090662    0.309620      0.036044
4.43E-07     0.047281    2.893866
0.50000      0.090662    0.341022      0.036044
4.43E-07     0.010066    2.623706
0.75000      0.090662    0.376586      0.036044
4.43E-07     0.071368    2.318125
1.00000      0.090662    0.401833      0.036044
4.43E-07     0.143854    1.997270

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.106007   -0.219031     -0.058415
-0.000519    -0.146666    -2.334074
0.25000     -0.106007   -0.187811     -0.058415
-0.000519    -0.074044    -2.280068
0.50000     -0.106007   -0.158286     -0.058415
-0.000519    -0.007428    -2.279586
0.75000     -0.106007   -0.126891     -0.058415
-0.000519    -0.042434    -2.280239
1.00000     -0.106007   -0.103124     -0.058415
-0.000519    -0.087217    -2.334802

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.160919    1.003128      0.060158
1.98E-06     0.153286    6.972154
0.25000      0.160919    1.719697      0.060158
1.98E-06     0.079527    8.092127
0.50000      0.160919    2.661761      0.060158
1.98E-06     0.021304    8.200188
0.75000      0.160919    3.547148      0.060158
1.98E-06     0.123082    6.931483
1.00000      0.160919    4.486093      0.060158
1.98E-06     0.244616    4.737193

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.174183   -3.994300     -0.098121
-0.000923    -0.245838    -6.542129
0.25000     -0.174183   -3.057712     -0.098121
-0.000923    -0.124440    -4.938614
0.50000     -0.174183   -2.171958     -0.098121
-0.000923    -0.014457    -4.940815
0.75000     -0.174183   -1.230113     -0.098121
-0.000923    -0.071163    -4.975981
1.00000     -0.174183    -0.517103    -0.098121
-0.000923    -0.145851    -6.624411
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                4443

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.160828    1.732980      0.065293
0.000202     0.163219    11.970335
0.25000      0.160828    2.872324      0.065293
0.000202     0.082430    13.689813
0.50000      0.160828    4.370205      0.065293
0.000202     0.034132    13.817216
0.75000      0.160828    5.777970      0.065293
0.000202     0.194407    11.882621
1.00000      0.160828    7.270893      0.065293
0.000202     0.377674    8.465941

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
        T          M2          M3
0.00000     -0.228165   -6.365966     -0.148248
-0.001064    -0.361254    -9.570990
0.25000     -0.228165   -4.876792     -0.148248
-0.001064    -0.177276    -7.045322
0.50000     -0.228165   -3.468444     -0.148248
-0.001064    -0.020187    -7.072751
0.75000     -0.228165   -1.970909     -0.148248
-0.001064    -0.086835    -7.152562
1.00000     -0.228165   -0.837224     -0.148248
-0.001064    -0.167995    -9.797413

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
        T          M2          M3
0.00000      0.205822    7.325255      0.121580
0.000612     0.301523    20.636091
0.25000      0.205822    19.471095     0.121580
 0.000612     0.151121    50.632137
0.50000      0.205822    35.439072     0.121580
 0.000612     0.062256    61.754787
0.75000      0.205822    50.446382     0.121580
 0.000612     0.293228    48.232446
1.00000      0.205822    66.361497     0.121580
 0.000612     0.560005    16.429852

COMB DB-G3-4 ------------------- MIN
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REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.271668   -65.154094   -0.220333
-0.000946   -0.550197   -48.608716
0.25000   -0.271668   -49.278937   -0.220333
-0.000946   -0.276653   -21.246488
0.50000   -0.271668   -34.265408   -0.220333
-0.000946   -0.041651   -21.101300
0.75000   -0.271668   -18.301126   -0.220333
-0.000946   -0.156390   -21.514265
1.00000   -0.271668   -6.215617   -0.220333
-0.000946   -0.307530   -49.269545

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.198673    0.793977    0.219305
0.000957    0.534815    6.626076
0.25000    0.198673    0.802067    0.219305
0.000957    0.261948    5.938753
0.50000    0.198673    0.821292    0.219305
0.000957    0.018477    5.275511
0.75000    0.198673    0.842217    0.219305
0.000957    0.313199    4.643259
1.00000    0.198673    0.860584    0.219305
0.000957    0.613132    4.053586

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.156767   -0.268291   -0.241379
-4.90E-06   -0.587200   -4.163190
0.25000   -0.156767   -0.249921   -0.241379
-4.90E-06   -0.287279   -4.050453
0.50000   -0.156767   -0.228998   -0.241379
-4.90E-06   -0.011383   -3.966145
0.75000   -0.156767   -0.209790   -0.241379
-4.90E-06   -0.281950   -3.881382
1.00000   -0.156767   -0.201753   -0.241379
-4.90E-06   -0.554568   -3.824964
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4444

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.310264    13.656443    0.309346
 0.001182    0.748837    21.966458
0.25000    0.310264    26.536471    0.309346
 0.001182    0.378358    60.591465
0.50000    0.310264    57.141811    0.309346
 0.001182    0.077972    82.155271
0.75000    0.310264    90.454242    0.309346
 0.001182    0.509980    58.385584
1.00000    0.310264    119.694088    0.309346
 0.001182    0.960729    17.914841

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.325624  -118.661924   -0.377422
-4.29E-05   -0.933447   -76.007502
0.25000   -0.325624   -89.416951   -0.377422
-4.29E-05   -0.469124   -31.444487
0.50000   -0.325624   -56.107480   -0.377422
-4.29E-05   -0.048410   -31.310095
0.75000   -0.325624   -25.528651   -0.377422
-4.29E-05   -0.421317   -31.261659
1.00000   -0.325624   -12.733825   -0.377422
-4.29E-05   -0.802017   -75.937719

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.298913    10.504979    0.304487
 0.001193    0.731547    22.627113
0.25000    0.298913    19.650446    0.304487
 0.001193    0.362738    49.298812
0.50000    0.298913    41.381775    0.304487
 0.001193    0.076318    63.912292
0.75000    0.298913    65.035275    0.304487
 0.001193    0.538958    78.140821
1.00000    0.298913    85.797035    0.304487
 0.001193    1.020218    17.172346

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.353794   -84.480410   -0.397639
-0.000302   -0.969024   -58.549281
0.25000   -0.353794   -63.715010   -0.397639
-0.000302   -0.478065   -26.782397
0.50000   -0.353794   -40.063612   -0.397639
-0.000302   -0.067195   -26.561822
0.75000   -0.353794   -18.351106   -0.397639
-0.000302   -0.415071   -26.402149
1.00000   -0.353794   -9.266137   -0.397639
-0.000302   -0.789414   -57.999103

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.317217    9.008496    0.280446
0.000993    0.672694    21.547695
0.25000    0.317217    16.599379    0.280446
 0.000993    0.332846    43.378906
0.50000    0.317217    34.636729    0.280446
 0.000993    0.072136    55.214504
0.75000    0.317217    54.269511    0.280446
 0.000993    0.509523    40.454147
1.00000    0.317217    71.502102    0.280446
 0.000993    0.967939    15.931991

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.371243   -70.219201   -0.377406
-0.000557   -0.918660   -50.938309
0.25000   -0.371243   -52.983589   -0.377406
-0.000557   -0.452410   -24.484244
0.50000   -0.371243   -33.352552   -0.377406
-0.000557   -0.045945   -24.214185
0.75000   -0.371243   -15.330826   -0.377406
-0.000557   -0.381710   -23.994588
1.00000   -0.371243   -7.790157   -0.377406
-0.000557   -0.727004   -50.693458
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4445

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.117827    9.363916    0.070223
0.000193    0.164060    13.123440
0.25000    0.117827    18.392880    0.070223
 0.000193    0.087048    40.406370
0.50000    0.117827    39.847378    0.070223
 0.000193    0.048301    65.715192
0.75000    0.117827    63.199559    0.070223
 0.000193    0.174256    39.365732
1.00000    0.117827    83.696838    0.070223
 0.000193    0.311116    11.320016

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.187488   -83.216580   -0.120503
-0.000149   -0.300144   -51.791173
0.25000   -0.187488   -62.715707   -0.120503
-0.000149   -0.153799   -20.572072
0.50000   -0.187488   -39.365601   -0.120503
-0.000149   -0.029941   -20.497414
0.75000   -0.187488   -17.929687   -0.120503
-0.000149   -0.109894   -20.482887
1.00000   -0.187488   -8.960450   -0.120503
-0.000149   -0.194015   -51.820188

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.154077    9.413732    0.096949
0.000235    0.223798    17.255399
0.25000    0.154077    18.030082    0.096949
0.000235    0.112974    42.820592
0.50000    0.154077    38.504132    0.096949
0.000235    0.061164    56.997340
0.75000    0.154077    60.789144    0.096949
0.000235    0.255312    40.922334
1.00000    0.154077    80.349719    0.096949
0.000235    0.465345    13.728038

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.246679   -79.509179   -0.178608
-0.000484   -0.434055   -52.897565
0.25000   -0.246679   -59.945174   -0.178608
-0.000484   -0.214947   -21.995367
0.50000   -0.246679   -37.662142   -0.178608
-0.000484   -0.038655   -22.814348
0.75000   -0.246679   -17.205827   -0.178608
-0.000484   -0.149949   -22.690634
1.00000   -0.246679   -8.646475   -0.178608
-0.000484   -0.266405   -52.486292

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.255087    7.204372    0.239403
0.000897    0.571861    19.564724
0.25000    0.255087    12.803786    0.239403
 0.000897    0.280325    35.175441
0.50000    0.255087    26.109035    0.239403
 0.000897    0.062752    43.441691
0.75000    0.255087    40.591154    0.239403
 0.000897    0.452193    32.404479
1.00000    0.255087    53.356774    0.239403
 0.000897    0.859140    14.294571

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.345210   -52.057199   -0.333464
-0.000440   -0.806603   -39.387166
0.25000   -0.345210   -39.343351   -0.333464
-0.000440   -0.393619   -19.834847
0.50000   -0.345210   -24.862519   -0.333464
-0.000440   -0.038914   -19.704383
0.75000   -0.345210   -11.568795   -0.333464
-0.000440   -0.327936   -19.538128
1.00000   -0.345210   -6.006422   -0.333464
-0.000440   -0.622887   -38.813942
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4446

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.273807    6.267589    0.225547
0.000748    0.538279    18.846517
0.25000    0.273807    10.964106    0.225547
0.000748    0.263759    31.686903
0.50000    0.273807    22.123906    0.225547
0.000748    0.060709    38.373155
0.75000    0.273807    34.270806    0.225547
0.000748    0.439356    28.862820
1.00000    0.273807    44.932697    0.225547
0.000748    0.837541    13.420458

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.374174   -43.738644   -0.325604
-0.000677   -0.787898   -35.357804
0.25000   -0.374174   -33.074884   -0.325604
-0.000677   -0.385121   -18.864995
0.50000   -0.374174   -20.929062   -0.325604
-0.000677   -0.039268   -18.661490
0.75000   -0.374174   -9.778930   -0.325604
-0.000677   -0.307856   -18.428473
1.00000   -0.374174   -5.113678   -0.325604
-0.000677   -0.586078   -34.502538

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.098078    0.365015    0.040041
2.58E-07    0.095391    3.719796
0.25000    0.098078    0.373105    0.040041
2.58E-07    0.048227    3.353132
0.50000    0.098078    0.392329    0.040041
2.58E-07    0.012399    2.982201
0.75000    0.098078    0.413254    0.040041
2.58E-07    0.097220    2.593217
1.00000    0.098078    0.431621    0.040041
2.58E-07    0.189998    2.190661

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.158193   -0.209997   -0.074859
-0.000491   -0.182744   -3.693639
0.25000   -0.158193   -0.191627   -0.074859
-0.000491   -0.091885   -3.518360
0.50000   -0.158193   -0.170704   -0.074859
-0.000491   -0.010432   -3.369760
0.75000   -0.158193   -0.151496   -0.074859
-0.000491   -0.053360   -3.220946
1.00000   -0.158193   -0.143459   -0.074859
-0.000491   -0.103014   -3.100422

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.182206    1.034844    0.073744
1.36E-06    0.173880    7.622626
0.25000    0.182206    1.301829    0.073744
1.36E-06    0.084955    7.635383
0.50000    0.182206    1.936237    0.073744
1.36E-06    0.024858    7.342362
0.75000    0.182206    2.626758    0.073744
1.36E-06    0.173209    6.182651
1.00000    0.182206    3.232861    0.073744
1.36E-06    0.335810    4.704765

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.243989   -2.735034   -0.131006
-0.000845   -0.316946   -7.986930
0.25000   -0.243989   -2.128825   -0.131006
-0.000845   -0.156182   -6.827327
0.50000   -0.243989   -1.438365   -0.131006
-0.000845   -0.019285   -6.600283
0.75000   -0.243989   -0.804507   -0.131006
-0.000845   -0.099828   -6.363261
1.00000   -0.243989   -0.539288   -0.131006
-0.000845   -0.191205   -7.053421
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4447

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.195948    1.339332    0.099615
0.000197    0.231109    11.804633
0.25000    0.195948    1.346314    0.099615
0.000197    0.109048    10.519445
0.50000    0.195948    1.363616    0.099615
0.000197    0.036316    9.289620
0.75000    0.195948    1.382448    0.099615
0.000197    0.257196    8.281756
1.00000    0.195948    1.398978    0.099615
0.000197    0.494043    7.395828

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.316492   -0.541843   -0.190437
-0.000952   -0.452870   -9.010443
0.25000   -0.316492   -0.525311   -0.190437
-0.000952   -0.217501   -8.678410
0.50000   -0.316492   -0.506480   -0.190437
-0.000952   -0.025552   -8.371848
0.75000   -0.316492   -0.489193   -0.190437
-0.000952   -0.139742   -8.063768
1.00000   -0.316492   -0.481960   -0.190437
-0.000952   -0.262523   -7.781461

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.268286    6.581196    0.187179
0.000568    0.444029    18.494577
0.25000    0.268286    11.678191    0.187179
 0.000568    0.218506    32.641268
0.50000    0.268286    23.789601    0.187179
 0.000568    0.060518    40.089001
0.75000    0.268286    36.972285    0.187179
 0.000568    0.394992    29.950666
1.00000    0.268286    48.543329    0.187179
 0.000568    0.750167    13.338531

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.398656   -47.441843   -0.291389
-0.000857   -0.705862   -37.397123
0.25000   -0.398656   -35.868770   -0.291389
-0.000857   -0.346638   -19.166539
0.50000   -0.398656   -22.687258   -0.291389
-0.000857   -0.039873   -19.357030
0.75000   -0.398656   -10.586340   -0.291389
-0.000857   -0.260060   -19.106951
1.00000   -0.398656   -5.523061   -0.291389
-0.000857   -0.490228   -36.555546

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.220544    11.875300    0.201371
 0.001298    0.599096    23.913263
0.25000    0.220544    34.136703    0.201371
 0.001298    0.248731    80.443721
0.50000    0.220544    63.403476    0.201371
 0.001298    0.074611    102.073194
0.75000    0.220544    90.909500    0.201371
 0.001298    0.387863    78.140821
1.00000    0.220544    120.079385    0.201371
 0.001298    0.738978    20.384647

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.271668   -118.902069   -0.289612
-0.001064   -0.719432   -82.009754
0.25000   -0.271668   -89.805421   -0.289612
-0.001064   -0.359861   -31.825403
0.50000   -0.271668   -62.287999   -0.289612
-0.001064   -0.053346   -31.525724
0.75000   -0.271668   -33.027998   -0.289612
-0.001064   -0.251875   -32.248956
1.00000   -0.271668   -10.877172   -0.289612
-0.001064   -0.502231   -83.086191
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4448

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.317217    13.656443    0.309346
 0.001193    0.748837    22.627113
0.25000    0.317217    26.536471    0.309346
 0.001193    0.378358    60.591465
0.50000    0.317217    57.141811    0.309346
 0.001193    0.077972    82.155271
0.75000    0.317217    90.454242    0.309346
 0.001193    0.538958    58.385584
1.00000    0.317217    119.694088    0.309346
 0.001193    1.020218    17.914841

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.398656  -118.661924   -0.397639
-0.000952   -0.933447   -76.007502
0.25000   -0.398656   -89.416951   -0.397639
-0.000952   -0.478065   -31.444487
0.50000   -0.398656   -56.107480   -0.397639
-0.000952   -0.048410   -31.310095
0.75000   -0.398656   -25.528651   -0.397639
-0.000952   -0.421317   -31.261659
1.00000   -0.398656   -12.733825   -0.397639
-0.000952   -0.802017   -75.937719

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.317217    13.656443    0.309346
 0.001298    0.748837    23.913263
0.25000    0.317217    34.136703    0.309346
 0.001298    0.378358    80.443721
0.50000    0.317217    63.403476    0.309346
 0.001298    0.077972    102.073194
0.75000    0.317217    90.909500    0.309346
 0.001298    0.538958    78.140821
1.00000    0.317217    120.079385    0.309346
 0.001298    1.020218    20.384647

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.398656   -118.902069   -0.397639
-0.001064   -0.969024   -82.009754
0.25000   -0.398656   -89.805421   -0.397639
-0.001064   -0.478065   -31.825403
0.50000   -0.398656   -62.287999   -0.397639
-0.001064   -0.053346   -31.525724
0.75000   -0.398656   -33.027998   -0.397639
-0.001064   -0.421317   -32.248956
1.00000   -0.398656   -12.733825   -0.397639
-0.001064   -0.802017   -83.086191

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.317217    13.656443    0.309346
 0.001298    0.748837    23.913263
0.25000    0.317217    34.136703    0.309346
 0.001298    0.378358    80.443721
0.50000    0.317217    63.403476    0.309346
 0.001298    0.077972    102.073194
0.75000    0.317217    90.909500    0.309346
 0.001298    0.538958    78.140821
1.00000    0.317217    120.079385    0.309346
 0.001298    1.020218    20.384647

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.398656   -118.902069   -0.397639
-0.001064   -0.969024   -82.009754
0.25000   -0.398656   -89.805421   -0.397639
-0.001064   -0.478065   -31.825403
0.50000   -0.398656   -62.287999   -0.397639
-0.001064   -0.053346   -31.525724
0.75000   -0.398656   -33.027998   -0.397639
-0.001064   -0.421317   -32.248956
1.00000   -0.398656   -12.733825   -0.397639
-0.001064   -0.802017   -83.086191
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4449

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       431 ================== LENGTH
=    4.972164

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.110050    0.662021    0.145266
0.001170    0.361549    4.715439
0.25000    0.110050    0.685970    0.145266
0.001170    0.180979    4.136487
0.50000    0.110050    0.717429    0.145266
0.001170    0.011733    3.596556
0.75000    0.110050    0.746953    0.145266
0.001170    0.219446    3.164184
1.00000    0.110050    0.778518    0.145266
0.001170    0.437949    2.857451

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.113383   -0.225989   -0.175837
-6.46E-06   -0.436377   -3.010483
0.25000   -0.113383   -0.194807   -0.175837
-6.46E-06   -0.217845   -3.128215
0.50000   -0.113383   -0.165233   -0.175837
-6.46E-06   -0.010093   -3.299147
0.75000   -0.113383   -0.133838   -0.175837
-6.46E-06   -0.180193   -3.470778
1.00000   -0.113383   -0.110171   -0.175837
-6.46E-06   -0.360741   -3.696982

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.193182    11.359843    0.202616
 0.001469    0.504179    20.451058
0.25000    0.193182    33.680040    0.202616
 0.001469    0.252346    77.080160
0.50000    0.193182    63.000111    0.202616
 0.001469    0.064588    98.669594
0.75000    0.193182    90.516108    0.202616
 0.001469    0.368922    71.976444
1.00000    0.193182    119.934038    0.202616
 0.001469    0.706911    17.412437

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.188043   -118.848505   -0.286907
-5.99E-05   -0.735369   -83.069758
0.25000   -0.188043   -89.786566   -0.286907
-5.99E-05   -0.378835   -32.957672
0.50000   -0.188043   -62.223626   -0.286907
-5.99E-05   -0.056642   -32.412283
0.75000   -0.188043   -32.963193   -0.286907
-5.99E-05   -0.256386   -32.510250
1.00000   -0.188043   -10.905767   -0.286907
-5.99E-05   -0.503275   -83.469893

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.186289    8.456958    0.209838
0.001275    0.512287    19.361569
0.25000    0.186289    23.652413    0.209838
 0.001275    0.251433    57.175053
0.50000    0.186289    43.613342    0.209838
 0.001275    0.056642    71.267180
0.75000    0.186289    62.346067    0.209838
 0.001275    0.406624    52.704288
1.00000    0.186289    82.373753    0.209838
 0.001275    0.787410    15.360492

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.223563   -81.034459   -0.316705
-0.000435   -0.798212   -59.748525
0.25000   -0.223563   -61.249266   -0.316705
-0.000435   -0.404651   -25.789353
0.50000   -0.223563   -42.481692   -0.316705
-0.000435   -0.049477   -25.574814
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4450

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.75000   -0.223563   -22.564255   -0.316705
-0.000435   -0.272893   -25.798177
1.00000   -0.223563   -7.547692   -0.316705
-0.000435   -0.530956   -60.647859

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.196381    7.255481    0.195393
0.001062    0.476336    17.736581
0.25000    0.196381    19.864476    0.195393
 0.001062    0.234365    48.843533
0.50000    0.196381    36.427799    0.195393
 0.001062    0.052450    60.322913
0.75000    0.196381    51.971976    0.195393
 0.001062    0.382889    44.751780
1.00000    0.196381    68.590694    0.195393
 0.001062    0.742887    13.672889

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.237560   -67.298235   -0.298209
-0.000780   -0.749381   -51.127294
0.25000   -0.237560   -50.880735   -0.298209
-0.000780   -0.379321   -22.985004
0.50000   -0.237560   -35.310039   -0.298209
-0.000780   -0.046473   -22.843711
0.75000   -0.237560   -18.780406   -0.298209
-0.000780   -0.257803   -23.065792
1.00000   -0.237560   -6.319854   -0.298209
-0.000780   -0.497715   -52.020653

COMB DB-G2-1 ------------------- MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 0.074876 9.172422 0.045821
0.000170 0.108463 14.429893
0.25000 0.074876 27.852415 0.045821
0.000170 0.052738 62.188423
0.50000 0.074876 52.390672 0.045821
0.000170 0.047280 80.611392
0.75000 0.074876 75.419081 0.045821
0.000170 0.146121 58.539346
1.00000 0.074876 100.039405 0.045821
0.000170 0.265605 13.048398

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.076918 -99.488445 -0.108692
-0.000205 -0.288071 -67.731846
0.25000 -0.076918 -75.166222 -0.108692
-0.000205 -0.153016 -25.677696
0.50000 -0.076918 -52.098525 -0.108692
-0.000205 -0.041354 -25.106312
0.75000 -0.076918 -27.610180 -0.108692
-0.000205 -0.065848 -25.073476
1.00000 -0.076918 -9.150102 -0.108692
-0.000205 -0.119343 -67.607600

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.090672 8.960696 0.075426
7.00E-05 0.174317 16.799580
0.25000 0.090672 26.347459 0.075426
7.00E-05 0.081817 60.759060
0.50000 0.090672 49.186913 0.075426
7.00E-05 0.052921 77.494499
0.75000 0.090672 70.621049 0.075426
7.00E-05 0.216964 56.671082
1.00000 0.090672 93.536888 0.075426
7.00E-05 0.403627 14.237318

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.140368 -92.624587 -0.162020
-0.000686 -0.415062 -65.366290

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.140368 -69.986211 -0.162020
-0.000686 -0.214471 -26.312801
0.50000 -0.140368 -48.515508 -0.162020
-0.000686 -0.046336 -25.870238
0.75000 -0.140368 -25.722510 -0.162020
-0.000686 -0.110337 -25.928737
1.00000 -0.140368 -8.540437 -0.162020
-0.000686 -0.200921 -65.607040

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.157125 7.225587 0.168720
0.000908 0.407727 17.734742
0.25000 0.157125 19.532828 0.168720
0.000908 0.199129 48.000301
0.50000 0.157125 35.699765 0.168720
0.000908 0.051512 59.213802
0.75000 0.157125 50.871944 0.168720
0.000908 0.351177 44.105554
1.00000 0.157125 67.092949 0.168720
0.000908 0.678380 13.899038

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.214998 -65.807180 -0.271701
-0.000623 -0.682062 -49.474775
0.25000 -0.214998 -49.782577 -0.271701
-0.000623 -0.345074 -22.010307
0.50000 -0.214998 -34.584513 -0.271701
-0.000623 -0.043821 -21.876639
0.75000 -0.214998 -18.450461 -0.271701
-0.000623 -0.223861 -22.097652
1.00000 -0.214998 -6.288110 -0.271701
-0.000623 -0.431362 -50.363609

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.188576 6.209648 0.161381
0.000757 0.391945 16.151272
0.25000 0.188576 16.519567 0.161381
0.000757 0.192079 41.335825
0.50000 0.188576 30.062798 0.161381
0.000757 0.046979 50.561523
0.75000 0.188576 42.772708 0.161381
0.000757 0.337553 37.744117
1.00000 0.188576 56.361233 0.161381
0.000757 0.655367 12.274268

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.234393 -55.167687 -0.262768
-0.000920 -0.659014 -42.908832
0.25000 -0.234393 -41.743691 -0.262768
-0.000920 -0.332888 -19.923778
0.50000 -0.234393 -29.012097 -0.262768
-0.000920 -0.041909 -19.834139
0.75000 -0.234393 -15.496414 -0.262768
-0.000920 -0.214806 -20.041731
1.00000 -0.234393 -5.307871 -0.262768
-0.000920 -0.410583 -43.743352

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.097002 0.260081 0.033868
5.11E-07 0.084292 1.991957
0.25000 0.097002 0.284030 0.033868
5.11E-07 0.042232 1.777443
0.50000 0.097002 0.315489 0.033868
5.11E-07 0.005845 1.540602
0.75000 0.097002 0.345013 0.033868
5.11E-07 0.071681 1.273795
1.00000 0.097002 0.376577 0.033868
5.11E-07 0.143219 1.001615

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.105922 -0.200721 -0.057559
-0.000618 -0.142992 -2.336691
0.25000 -0.105922 -0.169539 -0.057559
-0.000618 -0.071438 -2.310010
0.50000 -0.105922 -0.139965 -0.057559
-0.000618 -0.008071 -2.336511
0.75000 -0.105922 -0.108570 -0.057559
-0.000618 -0.042007 -2.364472
1.00000 -0.105922 -0.084903 -0.057559
-0.000618 -0.084102 -2.447205

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.130593 0.934645 0.059911
3.29E-06 0.144162 4.736429
0.25000 0.130593 1.653107 0.059911
3.29E-06 0.071231 5.909935
0.50000 0.130593 2.596886 0.059911
3.29E-06 0.013474 6.071085
0.75000 0.130593 3.482594 0.059911
3.29E-06 0.130356 4.788704
1.00000 0.130593 4.429529 0.059911
3.29E-06 0.255820 2.808225

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.168455 -3.976428 -0.101432
-0.001104 -0.249852 -6.629739
0.25000 -0.168455 -3.040958 -0.101432
-0.001104 -0.124735 -5.092983
0.50000 -0.168455 -2.153738 -0.101432
-0.001104 -0.015769 -5.151789
0.75000 -0.168455 -1.211879 -0.101432
-0.001104 0.080428 -5.232016
1.00000 -0.168455 -0.561676 -0.101432
-0.001104 -0.154098 -6.949908

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.147805 1.600508 0.084490
4.95E-06 0.198328 8.493429
0.25000 0.147805 2.742862 0.084490
4.95E-06 0.094356 10.331679
0.50000 0.147805 4.243471 0.084490
4.95E-06 0.022879 10.569204
0.75000 0.147805 5.651746 0.084490
4.95E-06 0.211979 8.593211
1.00000 0.147805 7.157374 0.084490
4.95E-06 0.415732 5.445724

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.205592 -6.337170 -0.164846
-0.001257 -0.405485 -9.808316
0.25000 -0.205592 -4.849773 -0.164846
-0.001257 -0.201235 -7.412241
0.50000 -0.205592 -3.439095 -0.164846
-0.001257 -0.002216 -7.553053
0.75000 -0.205592 -1.941538 -0.164846
-0.001257 -0.117854 -7.727419
1.00000 -0.205592 -0.812633 -0.164846
-0.001257 -0.221929 -10.505333

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.190961 6.968968 0.137818
0.000511 0.333201 16.485419
0.25000 0.190961 19.146886 0.137818
0.000511 0.162751 46.603558
0.50000 0.190961 35.143942 0.137818
0.000511 0.049159 57.784451
0.75000 0.190961 50.156694 0.137818
0.000511 0.309453 42.829121
1.00000 0.190961 66.207251 0.137818
0.000511 0.596764 12.834471

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.240859 -65.101891 -0.239462
-0.001041 -0.603080 -49.266926
0.25000 -0.240859 -49.245672 -0.239462
-0.001041 -0.306013 -22.028867
0.50000 -0.240859 -34.207308 -0.239462
-0.001041 -0.044653 -21.834427
0.75000 -0.240859 -18.242791 -0.239462
-0.001041 -0.183757 -21.991456
1.00000 -0.240859 -6.208240 -0.239462
-0.001041 -0.352186 -49.899018

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.167803 0.841556 0.238980
0.001194 0.583801 4.111809
0.25000 0.167803 0.849904 0.238980
0.001194 0.286773 3.431596
0.50000 0.167803 0.869160 0.238980
0.001194 0.011048 2.880149
0.75000 0.167803 0.890094 0.238980
0.001194 0.331142 2.531399
1.00000 0.167803 0.908403 0.238980
0.001194 0.656235 2.285452

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.199849 -0.239988 -0.261608
-5.31E-06 -0.644523 -3.894054
0.25000 -0.199849 -0.221586 -0.261608
-5.31E-06 -0.319460 -3.929445
0.50000 -0.199849 -0.200634 -0.261608
-5.31E-06 -0.012880 -4.152942
0.75000 -0.199849 -0.181434 -0.261608
-5.31E-06 -0.306244 -4.558839
1.00000 -0.199849 -0.173479 -0.261608
-5.31E-06 -0.603219 -5.095770

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.282066 13.305491 0.345499
0.001452 0.838553 18.009271
0.25000 0.282066 25.696366 0.345499
0.001452 0.422438 56.492468
0.50000 0.282066 57.251024 0.345499
0.001452 0.064519 77.713894
0.75000 0.282066 90.578638 0.345499
0.001452 0.538763 53.784866
1.00000 0.282066 119.727335 0.345499
0.001452 1.031554 13.919951

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.312908 -118.290553 -0.412714
-4.89E-05 -1.033804 -75.987843
0.25000 -0.312908 -88.994392 -0.412714
-4.89E-05 -0.525685 -31.911737
0.50000 -0.312908 -55.638573 -0.412714
-4.89E-05 -0.051894 -31.753004
0.75000 -0.312908 -25.071520 -0.412714
-4.89E-05 -0.466847 -31.939237
1.00000 -0.312908 -12.407788 -0.412714
-4.89E-05 -0.892767 -77.658701

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.276842 10.297298 0.359703
0.001235 0.864676 17.281388
0.25000 0.276842 19.734487 0.359703
0.001235 0.426719 43.879962
0.50000 0.276842 41.500835 0.359703
0.001235 0.058386 58.327107
0.75000 0.276842 65.165116 0.359703
0.001235 0.585070 40.977190
1.00000 0.276842 85.862155 0.359703
0.001235 1.130110 12.472283

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.339173 -84.186276 -0.449803
-0.000354 -1.115611 -58.060997
0.25000 -0.339173 -63.384529 -0.449803
-0.000354 -0.559593 -26.799840
0.50000 -0.339173 -39.700222 -0.449803
-0.000354 -0.050290 -26.795212
0.75000 -0.339173 -17.996078 -0.449803
-0.000354 -0.486570 -27.267766
1.00000 -0.339173 -9.004187 -0.449803
-0.000354 -0.931632 -60.186424

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.287211 8.837547 0.337238
0.001029 0.808297 16.020063
0.25000 0.287211 16.670564 0.337238
0.001029 0.382521 37.810762
0.50000 0.287211 34.736979 0.337238
0.001029 0.053203 49.524087
0.75000 0.287211 54.378709 0.337238
0.001029 0.558607 34.957312
1.00000 0.287211 71.557582 0.337238
0.001029 1.081144 11.186030

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.355801 -69.959131 -0.429724
-0.000695 -1.062831 -50.179652
0.25000 -0.355801 -52.693350 -0.429724
-0.000695 -0.531345 -24.195211
0.50000 -0.355801 -33.034998 -0.429724
-0.000695 -0.048426 -24.159784
0.75000 -0.355801 -15.020213 -0.429724
-0.000695 -0.457780 -24.603755
1.00000 -0.355801 -7.556803 -0.429724
-0.000695 -0.874690 -52.021536

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.109239 9.101151 0.090070
0.000160 0.211202 11.360598
0.25000 0.109239 18.418121 0.090070
0.000160 0.109967 38.539466
0.50000 0.109239 39.907190 0.090070
0.000160 0.041509 53.536896
0.75000 0.109239 63.272815 0.090070
0.000160 0.189827 36.962435
1.00000 0.109239 83.703398 0.090070
0.000160 0.348970 9.200707

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.114855 -82.967138 -0.139431
-0.000170 -0.353558 -51.809883
0.25000 -0.114855 -62.430382 -0.139431
-0.000170 -0.183612 -20.882527
0.50000 -0.114855 -39.047786 -0.139431
-0.000170 -0.013151 -20.804139
0.75000 -0.114855 -17.620128 -0.139431
-0.000170 -0.136829 -20.598076
1.00000 -0.114855 -8.742783 -0.139431
-0.000170 -0.246010 -52.435159

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.131717 9.184492 0.139780
5.59E-05 0.324807 13.779956
0.25000 0.131717 18.075687 0.139780
5.59E-05 0.159912 39.370185
0.50000 0.131717 38.582728 0.139780
5.59E-05 0.048304 53.179445
0.75000 0.131717 60.877897 0.139780
5.59E-05 0.290864 37.045639
1.00000 0.131717 80.377497 0.139780
5.59E-05 0.546967 10.340395

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.180068 -79.248335 -0.216498
-0.000588 -0.538409 -52.480535
0.25000 -0.180068 -59.650086 -0.216498
-0.000588 -0.272254 -22.959609
0.50000 -0.180068 -37.336049 -0.216498
-0.000588 -0.040133 -22.739909
0.75000 -0.180068 -16.887612 -0.216498
-0.000588 -0.207606 -22.871834
1.00000 -0.180068 -8.415952 -0.216498
-0.000588 -0.379031 -53.513827

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.234213 7.113140 0.293987
0.000878 0.702827 14.395119
0.25000 0.234213 12.891164 0.293987
0.000878 0.342907 29.979686
0.50000 0.234213 26.217852 0.293987
0.000878 0.043236 38.198244
0.75000 0.234213 40.706572 0.293987
0.000878 0.499344 27.418575
1.00000 0.234213 53.378565 0.293987
0.000878 0.968561 10.009218

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.302475 -51.856506 -0.384138
-0.000535 -0.947140 -38.858941
0.25000 -0.302475 -39.120405 -0.384138
-0.000535 -0.471269 -20.010350
0.50000 -0.302475 -24.619424 -0.384138
-0.000535 -0.041143 -20.100128
0.75000 -0.302475 -11.330820 -0.384138
-0.000535 -0.399527 -20.618993
1.00000 -0.302475 -5.825434 -0.384138
-0.000535 -0.763624 -41.072280

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.268876 6.183163 0.282159
0.000731 0.672272 13.497934
0.25000 0.268876 11.029490 0.282159
0.000731 0.326061 26.338945
0.50000 0.268876 22.207272 0.282159
0.000731 0.042275 33.004855
0.75000 0.268876 34.359709 0.282159
0.000731 0.488483 23.791932
1.00000 0.268876 44.988364 0.282159
0.000731 0.949302 9.049946

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.334359 -43.553695 -0.376431
-0.000837 -0.926635 -34.530932
0.25000 -0.334359 -32.871269 -0.376431
-0.000837 -0.460387 -18.666734
0.50000 -0.334359 -20.708547 -0.376431
-0.000837 -0.041005 -18.691806
0.75000 -0.334359 -9.562709 -0.376431
-0.000837 -0.383847 -19.148854
1.00000 -0.334359 -4.945058 -0.376431
-0.000837 -0.733131 -36.359243

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.126359 0.350150 0.056889
3.02E-07 0.123821 2.179229
0.25000 0.126359 0.358499 0.056889
3.02E-07 0.062147 1.847871
0.50000 0.126359 0.377754 0.056889
3.02E-07 0.006456 1.514751
0.75000 0.126359 0.398689 0.056889
3.02E-07 0.112016 1.252967
1.00000 0.126359 0.416998 0.056889
3.02E-07 0.220481 1.030218

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.143437 -0.183417 -0.087291
-0.000619 -0.213145 -3.084142
0.25000 -0.143437 -0.165015 -0.087291
-0.000619 -0.104720 -2.967938
0.50000 -0.143437 -0.146863 -0.087291
-0.000619 -0.010106 -2.885026
0.75000 -0.143437 -0.124862 -0.087291
-0.000619 -0.077691 -2.910216
1.00000 -0.143437 -0.116908 -0.087291
-0.000619 -0.148232 -3.014550

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.174597 1.024043 0.104478
1.97E-06 0.243452 4.696650
0.25000 0.174597 1.295545 0.104478
1.97E-06 0.114185 4.760057
0.50000 0.174597 1.934974 0.104478
1.97E-06 0.013778 4.504570
0.75000 0.174597 2.625810 0.104478
1.97E-06 0.203432 3.578081
1.00000 0.174597 3.230023 0.104478
1.97E-06 0.398113 2.444593

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.223384 -2.684996 -0.156777
-0.001079 -0.381468 -7.035224
0.25000 -0.223384 -2.077726 -0.156777
-0.001079 -0.186760 -6.014928
0.50000 -0.223384 -1.386305 -0.156777
-0.001079 -0.018955 -5.919900
0.75000 -0.223384 -0.752692 -0.156777
-0.001079 -0.145054 -6.037799
1.00000 -0.223384 -0.196190 -0.156777
-0.001079 -0.274428 -7.199613

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.204192 1.369181 0.150449
2.75E-06 0.348487 7.423223
0.25000 0.204192 1.376695 0.150449
2.75E-06 0.161247 6.205103
0.50000 0.204192 1.394025 0.150449
2.75E-06 0.020648 5.078770
0.75000 0.204192 1.412896 0.150449
2.75E-06 0.303153 4.458527
1.00000 0.204192 1.429344 0.150449
2.75E-06 0.592032 4.102355

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.269319 -0.478100 -0.232892
-0.001169 -0.565328 -7.779951
0.25000 -0.269319 -0.461539 -0.232892
-0.001169 -0.275658 -7.687238
0.50000 -0.269319 -0.442682 -0.232892
-0.001169 -0.025646 -7.679790
0.75000 -0.269319 -0.425401 -0.232892
-0.001169 -0.209678 -8.047427
1.00000 -0.269319 -0.418242 -0.232892
-0.001169 -0.396466 -8.622418

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.271151 6.469345 0.243003
0.000475 0.575364 13.400840
0.25000 0.271151 11.728925 0.243003
0.000475 0.279431 27.544951
0.50000 0.271151 23.859851 0.243003
0.000475 0.042483 34.938984
0.75000 0.271151 37.048542 0.243003
0.000475 0.443006 25.048772
1.00000 0.271151 48.583517 0.243003
0.000475 0.857958 9.101263

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.334188 -47.243738 -0.339867
-0.000979 -0.836938 -36.565538
0.25000 -0.334188 -35.650404 -0.339867
-0.000979 -0.416083 -19.098946
0.50000 -0.334188 -22.450551 -0.339867
-0.000979 -0.041485 -19.122006
0.75000 -0.334188 -10.354292 -0.339867
-0.000979 -0.335107 -19.486903
1.00000 -0.334188 -5.342888 -0.339867
-0.000979 -0.635682 -38.007442

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.196381 11.359843 0.209838
0.001469 0.512287 20.454058
0.25000 0.196381 33.680040 0.209838
0.001469 0.252346 77.080160
0.50000 0.196381 63.000111 0.209838
0.001469 0.064588 98.669584
0.75000 0.196381 90.516108 0.209838
0.001469 0.406624 71.976444
1.00000 0.196381 119.934238 0.209838
0.001469 0.787410 17.412437

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.240859 -118.848505 -0.316705

```
-0.001257   -0.798212   -83.069758
0.25000     -0.240859   -89.786566     -0.316705
-0.001257   -0.404651   -32.957672
0.50000     -0.240859   -62.223626     -0.316705
-0.001257   -0.056642   -32.412283
0.75000     -0.240859   -32.963193     -0.316705
-0.001257   -0.272893   -32.510250
1.00000     -0.240859   -10.905767     -0.316705
-0.001257   -0.530956   -83.469893

COMB       DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.287211   13.305491   0.359703
 0.001452   0.864676   18.009271
0.25000     0.287211   26.596366   0.359703
 0.001452   0.426719   56.492468
0.50000     0.287211   57.251024   0.359703
 0.001452   0.064519   77.713894
0.75000     0.287211   90.578638   0.359703
 0.001452   0.585070   53.784866
1.00000     0.287211  119.727335   0.359703
 0.001452   1.130110   13.919951

COMB       DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.355801 -118.290553   -0.449803
-0.001169   -1.115611   -75.987843
0.25000    -0.355801   -88.994392   -0.449803
-0.001169   -0.559593   -31.911737
0.50000    -0.355801   -55.638573   -0.449803
-0.001169   -0.051894   -31.753004
0.75000    -0.355801   -25.071520   -0.449803
-0.001169   -0.486570   -31.939237
1.00000    -0.355801   -12.407780   -0.449803
-0.001169   -0.931632   -77.658701

COMB       CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.287211   13.305491   0.359703
 0.001469   0.864676   20.454058
0.25000     0.287211   33.680040   0.359703
 0.001469   0.426719   77.080160
0.50000     0.287211   63.000111   0.359703
 0.001469   0.064588   98.669594
0.75000     0.287211   90.578638   0.359703
 0.001469   0.585070   71.976444
1.00000     0.287211  119.934238   0.359703
 0.001469   1.130110   17.412437
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4458

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.355801 -118.848505   -0.449803
-0.001257   -1.115611   -83.069758
0.25000    -0.355801   -89.786566   -0.449803
-0.001257   -0.559593   -32.957672
0.50000    -0.355801   -62.223626   -0.449803
-0.001257   -0.056642   -32.412283
0.75000    -0.355801   -32.963193   -0.449803
-0.001257   -0.486570   -32.510250
1.00000    -0.355801   -12.407780   -0.449803
-0.001257   -0.931632   -83.469893

COMB    DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.287211   13.305491   0.359703
 0.001469   0.864676   20.454058
0.25000     0.287211   33.680040   0.359703
 0.001469   0.426719   77.080160
0.50000     0.287211   63.000111   0.359703
 0.001469   0.064588   98.669594
0.75000     0.287211   90.578638   0.359703
 0.001469   0.585070   71.976444
1.00000     0.287211  119.934238   0.359703
 0.001469   1.130110   17.412437

COMB    DESIGN ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.355801 -118.848505   -0.449803
-0.001257   -1.115611   -83.069758
0.25000    -0.355801   -89.786566   -0.449803
-0.001257   -0.559593   -32.957672
0.50000    -0.355801   -62.223626   -0.449803
-0.001257   -0.056642   -32.412283
0.75000    -0.355801   -32.963193   -0.449803
-0.001257   -0.486570   -32.510250
1.00000    -0.355801   -12.407780   -0.449803
-0.001257   -0.931632   -83.469893

ELEM       432 ================== LENGTH
=     4.972903

COMB DB-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.111953   0.749825    0.138047
0.001174    0.348931   2.886830
0.25000     0.111953   0.774628    0.138047
0.001174    0.177307   2.170399
0.50000     0.111953   0.806863    0.138047
0.001174    0.005758   1.484572
0.75000     0.111953   0.834129    0.138047
0.001174    0.198001   0.891858
1.00000     0.111953   0.870079    0.138047
0.001174    0.405146   0.707470

COMB DB-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.168453   -0.214131   -0.166609
-8.38E-06   -0.423400   -3.710810
0.25000    -0.168453   -0.172328   -0.166609
-8.38E-06   -0.216268   -3.766641
0.50000    -0.168453   -0.153055   -0.166609
-8.38E-06   -0.009513   -3.868569
0.75000    -0.168453   -0.121752   -0.166609
-8.38E-06   -0.165932   -3.972353
1.00000    -0.168453   -0.099982   -0.166609
-8.38E-06   -0.337563   -4.137383

COMB DB-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.270684   7.648492    0.195218
0.001426    0.491945   17.428160
0.25000     0.270684   30.764651   0.195218
 0.001426   0.249220   73.509569
0.50000     0.270684   60.807887   0.195218
 0.001426   0.047641   92.649061
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4459

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.75000     0.270684   86.219653   0.195218
 0.001426   0.320627   64.301543
1.00000     0.270684  119.725537   0.195218
 0.001426   0.637480   16.553109

COMB DB-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.232760 -117.925378   -0.271550
-8.60E-05   -0.712919   -83.508682
0.25000    -0.232760   -89.217226   -0.271550
-8.60E-05   -0.375322   -34.159134
0.50000    -0.232760   -61.002335   -0.271550
-8.60E-05   -0.048021   -27.770811
0.75000    -0.232760   -31.827773   -0.271550
-8.60E-05   -0.240105   -23.112601
1.00000    -0.232760   -11.538839   -0.271550
-8.60E-05   -0.480524   -75.534543

COMB DB-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.240933   6.036221    0.221181
0.001264    0.548576   15.386404
0.25000     0.240933   21.773563   0.221181
 0.001264   0.273541   52.657491
0.50000     0.240933   42.226818   0.221181
 0.001264   0.037371   64.883290
0.75000     0.240933   59.526995   0.221181
 0.001264   0.360208   44.956929
1.00000     0.240933   82.337600   0.221181
 0.001264   0.724100   12.103018

COMB DB-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.227054   -80.314495   -0.304077
-0.000523   -0.788053   -60.690941
0.25000    -0.227054   -60.770158   -0.304077
-0.000523   -0.410096   -27.131437
0.50000    -0.227054   -41.561629   -0.304077
-0.000523   -0.042308   -22.820468
0.75000    -0.227054   -21.699754   -0.304077
-0.000523   -0.278987   -19.687756
1.00000    -0.227054   -7.887179    -0.304077
-0.000523   -0.552468   -55.414858

COMB DB-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.253356   5.282229    0.217206
0.001053    0.534403   13.706731
0.25000     0.253356   18.340874   0.217206
 0.001053   0.264275   44.309046
0.50000     0.253356   35.312724   0.217206
 0.001053   0.031568   54.206854
0.75000     0.253356   49.668190   0.217206
 0.001053   0.343222   37.566502
1.00000     0.253356   68.596139   0.217206
 0.001053   0.690212   10.349356

COMB DB-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.267861   -66.687637   -0.288534
-0.000864   -0.744684   -52.065717
0.25000    -0.267861   -50.469996   -0.288534
-0.000864   -0.386036   -24.173205
0.50000    -0.267861   -34.531004   -0.288534
-0.000864   -0.039538   -20.550970
0.75000    -0.267861   -18.049881   -0.288534
-0.000864   -0.277827   -17.906621
1.00000    -0.267861   -6.588375    -0.288534
-0.000864   -0.546665   -47.507984

COMB DB-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.164577   6.012860    0.055562
5.25E-05    0.134492   13.036873
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4460

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.25000     0.164577   25.359002   0.055562
 5.25E-05   0.065379   60.414109
0.50000     0.164577   50.502482   0.055562
 5.25E-05   0.036577   76.868758
0.75000     0.164577   71.769840   0.055562
 5.25E-05   0.122244   53.506292
1.00000     0.164577   99.811245   0.055562
 5.25E-05   0.234385   13.708858

COMB DB-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.055203   -98.701330   -0.104219
-0.000256   -0.283926   -67.632165
0.25000    -0.055203   -74.519082   -0.104219
-0.000256   -0.154389   -26.236278
0.50000    -0.055203   -51.061874   -0.104219
-0.000256   -0.034306   -20.795058
0.75000    -0.055203   -26.645395   -0.104219
-0.000256   -0.076019   -16.801777
1.00000    -0.055203   -9.665386    -0.104219
-0.000256   -0.143208   -60.579424

COMB DB-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.159160   6.116389    0.102648
4.89E-05    0.244661   14.240065
0.25000     0.159160   24.125182   0.102648
 4.89E-05   0.116980   57.691652
0.50000     0.159160   47.527960   0.102648
 4.89E-05   0.036172   72.438078
0.75000     0.159160   67.322962   0.102648
 4.89E-05   0.119970   52.247773
1.00000     0.159160   93.423040   0.102648
 4.89E-05   0.373118   13.039627

COMB DB-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.122029   -91.812404   -0.160397
-0.000797   -0.424580   -65.642799
0.25000    -0.122029   -69.449616   -0.160397
-0.000797   -0.225262   -27.104980
0.50000    -0.122029   -47.471063   -0.160397
-0.000797   -0.038731   -22.033837
0.75000    -0.122029   -24.744496   -0.160397
-0.000797   -0.141189   -18.311087
1.00000    -0.122029   -8.940486    -0.160397
-0.000797   -0.267092   -59.052505

COMB DB-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.224555   5.312817    0.188174
0.000890    0.462428   13.917765
0.25000     0.224555   18.058948   0.188174
 0.000890   0.228417   43.689144
0.50000     0.224555   34.624633   0.188174
 0.000890   0.030791   53.371779
0.75000     0.224555   48.636550   0.188174
 0.000890   0.312923   37.196264
1.00000     0.224555   67.111522   0.188174
 0.000890   0.629468   10.582952

COMB DB-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.214903   -65.161752   -0.263851
-0.000723   -0.682701   -50.404833
0.25000    -0.214903   -49.332225   -0.263851
-0.000723   -0.354760   -23.201206
0.50000    -0.214903   -33.774679   -0.263851
-0.000723   -0.037260   -19.687216
0.75000    -0.214903   -17.687976   -0.263851
-0.000723   -0.241504   -17.127809
1.00000    -0.214903   -6.500762    -0.263851
-0.000723   -0.474259   -46.042508
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4461

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.257626   4.595537    0.188176
0.000742    0.455690   12.302075
0.25000     0.257626   15.273119   0.188176
 0.000742   0.225048   37.079716
0.50000     0.257626   29.150387   0.188176
 0.000742   0.026255   45.027927
0.75000     0.257626   40.888332   0.188176
 0.000742   0.304514   31.376279
1.00000     0.257626   56.360631   0.188176
 0.000742   0.612517   9.122604

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.234387   -54.644622   -0.255477
-0.000996   -0.657986   -43.787154
0.25000    -0.234387   -41.384054   -0.255477
-0.000996   -0.340427   -20.924642
0.50000    -0.234387   -28.351317   -0.255477
-0.000996   -0.035313   -17.907198
0.75000    -0.234387   -14.875299   -0.255477
-0.000996   -0.244434   -15.689434
1.00000    -0.234387   -5.503640    -0.255477
-0.000996   -0.477430   -39.838228

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.123177   0.228121    0.046552
4.70E-07    0.109499   1.018771
0.25000     0.123177   0.252924    0.046552
4.70E-07    0.051567   0.844782
0.50000     0.123177   0.285159    0.046552
4.70E-07    0.001422   0.656009
0.75000     0.123177   0.312425    0.046552
4.70E-07    0.070026   0.454631
1.00000     0.123177   0.348376    0.046552
4.70E-07    0.140884   0.437736

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.113790   -0.247838   -0.057011
-0.000593   -0.142633   -2.461812
0.25000    -0.113790   -0.217036   -0.057011
-0.000593   -0.071753   -2.271789
0.50000    -0.113790   -0.186762   -0.057011
-0.000593   -0.006165   -2.129534
0.75000    -0.113790   -0.155459   -0.057011
-0.000593   -0.064062   -1.989716
1.00000    -0.113790   -0.133690   -0.057011
-0.000593   -0.121991   -1.912254

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.165142   0.873781    0.087491
2.41E-06    0.205778   2.838097
0.25000     0.165142   1.617864    0.087491
2.41E-06    0.096906   3.920894
0.50000     0.165142   2.584921    0.087491
2.41E-06    0.003282   3.975003
0.75000     0.165142   3.402896    0.087491
2.41E-06    0.126096   2.711681
1.00000     0.165142   4.481412    0.087491
2.41E-06    0.253753   1.301608

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.240308   -3.953130   -0.103243
-0.001115   -0.259737   -6.978693
0.25000    -0.240308   -3.029048   -0.103243
-0.001115   -0.131400   -5.220468
0.50000    -0.240308   -2.120844   -0.103243
-0.001115   -0.012586   -4.850108
0.75000    -0.240308   -1.181748   -0.103243
-0.001115   -0.105945   -4.506664
1.00000    -0.240308   -0.528671   -0.103243
-0.001115   -0.229354   -6.062431
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4462

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.199852   1.507323    0.124486
3.55E-06    0.292467   5.475681
0.25000     0.199852   2.690414    0.124486
3.55E-06    0.137550   7.132315
0.50000     0.199852   4.228034    0.124486
3.55E-06    0.007613   7.097677
0.75000     0.199852   5.528615    0.124486
3.55E-06    0.199368   4.908436
1.00000     0.199852   7.243455    0.124486
3.55E-06    0.403747   2.285062

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.194143   -6.224035   -0.165267
-0.001336   -0.418174   -10.539979
0.25000    -0.194143   -4.757244   -0.165267
-0.001336   -0.212792   -7.876713
0.50000    -0.194143   -3.310699   -0.165267
-0.001336   -0.018299   -7.414256
0.75000    -0.194143   -1.817537   -0.165267
-0.001336   -0.171877   -7.041675
1.00000    -0.194143   -0.779144   -0.165267
-0.001336   -0.326672   -9.591629

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.299921   4.999345    0.167051
0.000488    0.404277   12.857287
0.25000     0.299921   17.611541   0.167051
 0.000488   0.196488   42.596433
0.50000     0.299921   34.003156   0.167051
 0.000488   0.028970   52.377454
0.75000     0.299921   47.867838   0.167051
 0.000488   0.279388   36.478880
1.00000     0.299921   66.148677   0.167051
 0.000488   0.559088   10.371513

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.233933   -64.556330   -0.234076
-0.001106   -0.604994   -49.944160
0.25000    -0.233933   -48.893138   -0.234076
-0.001106   -0.314041   -22.876981
0.50000    -0.233933   -33.499069   -0.234076
-0.001106   -0.037203   -19.251200
0.75000    -0.233933   -17.681403   -0.234076
-0.001106   -0.220803   -16.570489
1.00000    -0.233933   -6.511744    -0.234076
-0.001106   -0.427354   -45.033709

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.145360   0.930992    0.248481
0.001243    0.615359   2.275073
0.25000     0.145360   0.942145    0.248481
0.001243    0.306406   1.780353
0.50000     0.145360   0.961893    0.248481
0.001243    0.007945   1.405868
0.75000     0.145360   0.982870    0.248481
0.001243    0.305756   1.141743
1.00000     0.145360   1.000302    0.248481
0.001243    0.622626   1.013182

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.384204   -0.194600   -0.254960
-6.64E-06   -0.645131   -5.058170
0.25000    -0.384204   -0.175735   -0.254960
-6.64E-06   -0.328293   -5.523798
0.50000    -0.384204   -0.154435   -0.254960
-6.64E-06   -0.019952   -6.117344
0.75000    -0.384204   -0.135376   -0.254960
-6.64E-06   -0.310222   -6.817550
1.00000    -0.384204   -0.128572   -0.254960
-6.64E-06   -0.619280   -7.670182
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4463

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.389439   8.537638    0.365037
0.001461    0.993203   13.879411
0.25000     0.389439   26.293255   0.365037
 0.001461   0.463562   53.624645
0.50000     0.389439   57.731125   0.365037
 0.001461   0.052925   73.274114
0.75000     0.389439   91.127129   0.365037
 0.001461   0.490022   47.946035
1.00000     0.389439  118.878720   0.365037
 0.001461   0.970666   13.361672

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.447228 -117.905654   -0.403611
-5.81E-05   -1.040428   -77.633059
0.25000    -0.447228   -87.872763   -0.403611
-5.81E-05   -0.541133   -34.672352
0.50000    -0.447228   -53.962158   -0.403611
-5.81E-05   -0.060415   -29.465164
0.75000    -0.447228   -23.619984   -0.403611
-5.81E-05   -0.467172   -25.506712
1.00000    -0.447228   -12.789175   -0.403611
-5.81E-05   -0.915269   -72.950042

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.369378   6.956112    0.399253
0.001302    0.979006   12.463228
0.25000     0.369378   19.563493   0.399253
 0.001302   0.492492   40.096718
0.50000     0.369378   41.885960   0.399253
 0.001302   0.040071   53.599901
0.75000     0.369378   65.598801   0.399253
 0.001302   0.537657   35.324699
1.00000     0.369378   85.303825   0.399253
 0.001302   1.075443   10.646823

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.433133   -83.790213   -0.444686
-0.000428   -1.138017   -60.166904
0.25000    -0.433133   -62.465352   -0.444686
-0.000428   -0.586647   -30.036611
0.50000    -0.433133   -38.387117   -0.444686
-0.000428   -0.059699   -26.817012
0.75000    -0.433133   -16.842552   -0.444686
-0.000428   -0.514426   -24.592114
1.00000    -0.433133   -9.152231    -0.444686
-0.000428   -1.006588   -58.996363

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.378272   6.078277    0.386459
0.001085    0.943106   11.197223
0.25000     0.378272   16.542603   0.386459
 0.001085   0.470840   33.911295
0.50000     0.378272   35.070607   0.386459
 0.001085   0.036175   44.933588
0.75000     0.378272   54.752642   0.386459
 0.001085   0.518582   29.697014
1.00000     0.378272   71.108126   0.386459
 0.001085   1.038662   9.241060

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.475214   -69.630779   -0.428373
-0.000773   -1.092864   -52.019577
0.25000    -0.475214   -51.930804   -0.428373
-0.000773   -0.561458   -27.047345
0.50000    -0.475214   -31.945486   -0.428373
-0.000773   -0.055850   -24.454090
0.75000    -0.475214   -14.063154   -0.428373
-0.000773   -0.501093   -22.757622
1.00000    -0.475214   -7.680065    -0.428373
-0.000773   -0.977987   -51.555269
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4464

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000     0.257264   5.698554    0.107126
4.77E-05    0.260422   9.195078
0.25000     0.257264   18.145331   0.107126
 4.77E-05   0.137593   37.158187
0.50000     0.257264   40.183436   0.107126
 4.77E-05   0.033373   51.012489
0.75000     0.257264   63.594202   0.107126
 4.77E-05   0.170778   33.419232
1.00000     0.257264   83.048207   0.107126
 4.77E-05   0.328380   9.330566

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000    -0.056397   -82.709205   -0.138830
-0.000200   -0.364466   -52.447016
0.25000    -0.056397   -61.555998   -0.138830
-0.000200   -0.193651   -22.085865
0.50000    -0.056397   -37.884493   -0.138830
-0.000200   -0.032997   -18.153614
0.75000    -0.056397   -16.614381   -0.138830
-0.000200   -0.145662   -15.046495
1.00000    -0.056397   -9.022026    -0.138830
-0.000200   -0.274582   -47.945491

COMB DL-G2-2 ---------- MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 0.252931 5.988090 0.179848
4.55E-05 0.431566 10.353768
0.25000 0.252931 17.866863 0.179848
4.55E-05 0.217767 36.662894
0.50000 0.252931 38.897050 0.179848
4.55E-05 0.033981 49.581715
0.75000 0.252931 61.237969 0.179848
4.55E-05 0.268553 32.531997
1.00000 0.252931 79.802947 0.179848
4.55E-05 0.528448 9.385078

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.144674 -78.885265 -0.220230
-0.000698 -0.568683 -53.538355
0.25000 -0.144674 -58.794167 -0.220230
-0.000698 -0.296118 -24.772116
0.50000 -0.144674 -36.108994 -0.220230
-0.000698 -0.042584 -21.299642
0.75000 -0.144674 -15.810903 -0.220230
-0.000698 -0.244145 -18.731493
1.00000 -0.144674 8.555510 -0.220230
-0.000698 -0.463532 -50.646000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.358529 5.079668 0.338351
0.000900 0.824812 10.006625
0.25000 0.358529 12.798678 0.338351
0.000900 0.410226 26.349316
0.50000 0.358529 26.465857 0.338351
0.000900 0.030318 34.160445
0.75000 0.358529 40.884308 0.338351
0.000900 0.462680 22.943370
1.00000 0.358529 53.048929 0.338351
0.000900 0.930571 8.043027

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.319973 -51.525399 -0.383335
-0.000635 -0.977087 -41.077247
0.25000 -0.319973 -38.469015 -0.383335
-0.000635 -0.500785 -22.976506
0.50000 -0.319973 -23.726848 -0.383335
-0.000635 -0.048933 -21.268262
0.75000 -0.319973 -10.535948 -0.383335
-0.000635 -0.439136 -20.254140
1.00000 -0.319973 -5.827463 -0.383335
-0.000635 -0.857101 -41.823091
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4465

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.403691 4.450814 0.335213
0.000750 0.966701 9.066701
0.25000 0.403691 10.925145 0.335213
0.000750 0.402006 22.640993
0.50000 0.403691 22.388514 0.335213
0.000750 0.025776 29.079726
0.75000 0.403691 34.565888 0.335213
0.000750 0.457841 19.586419
1.00000 0.403691 44.685109 0.335213
0.000750 0.920727 7.086174

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.352848 -43.324538 -0.378232
-0.000916 -0.961010 -36.379279
0.25000 -0.352848 -32.373474 -0.378232
-0.000916 -0.491158 -21.160907
0.50000 -0.352848 -20.008458 -0.378232
-0.000916 -0.046533 -19.718903
0.75000 -0.352848 -8.984569 -0.378232
-0.000916 -0.413237 -18.888967
1.00000 -0.352848 -4.995319 -0.378232
-0.000916 -0.851848 -37.039059

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.212938 0.279896 0.080369
2.94E-07 0.190902 1.057982
0.25000 0.212938 0.291049 0.080369
2.94E-07 0.091061 0.907766
0.50000 0.212938 0.310796 0.080369
2.94E-07 0.000883 0.760265
0.75000 0.212938 0.331774 0.080369
2.94E-07 0.112536 0.675729
1.00000 0.212938 0.349206 0.080369
2.94E-07 0.226062 0.648592

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.142228 -0.292190 -0.091367
-0.000582 -0.228079 -3.036395
0.25000 -0.142228 -0.273325 -0.091367
-0.000582 -0.114504 -2.900502
0.50000 -0.142228 -0.252024 -0.091367
-0.000582 -0.008328 -2.824731
0.75000 -0.142228 -0.232965 -0.091367
-0.000582 -0.107639 -2.793242
1.00000 -0.142228 -0.226162 -0.091367
-0.000582 -0.207721 -2.842293

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.262178 0.904595 0.147886
1.65E-06 0.350753 2.493024
0.25000 0.262178 1.272644 0.147886
1.65E-06 0.167201 2.808006
0.50000 0.262178 1.924309 0.147886
1.65E-06 0.002710 2.804713
0.75000 0.262178 2.616563 0.147886
1.65E-06 0.201779 2.104409
1.00000 0.262178 3.191816 0.147886
1.65E-06 0.406582 1.403125

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.292441 -2.738809 -0.164892
-0.001118 -0.413025 -7.238295
0.25000 -0.292441 -2.116268 -0.164892
-0.001118 -0.207810 -6.331296
0.50000 -0.292441 -1.413347 -0.164892
-0.001118 -0.017445 -6.301780
0.75000 -0.292441 -0.784392 -0.164892
-0.001118 -0.198968 -6.445739
1.00000 -0.292441 -0.559887 -0.164892
-0.001118 -0.382800 -7.839029
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4466

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.337426 1.348558 0.208513
2.75E-06 0.495086 4.144990
0.25000 0.337426 1.358595 0.208513
2.75E-06 0.235636 3.257345
0.50000 0.337426 1.376368 0.208513
2.75E-06 0.005775 2.539027
0.75000 0.337426 1.395248 0.208513
2.75E-06 0.292912 2.192786
1.00000 0.337426 1.410936 0.208513
2.75E-06 0.593500 2.186961

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.247815 -0.436182 -0.241481
-0.001245 -0.606457 -8.657866
0.25000 -0.247815 -0.419204 -0.241481
-0.001245 -0.305873 -8.892631
0.50000 -0.247815 -0.400033 -0.241481
-0.001245 -0.026316 -9.311996
0.75000 -0.247815 -0.382880 -0.241481
-0.001245 -0.279546 -9.926389
1.00000 -0.247815 -0.376757 -0.241481
-0.001245 -0.538952 -10.826725

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.464983 4.541958 0.298212
0.000473 0.720605 9.125515
0.25000 0.464983 11.568364 0.298212
0.000473 0.355370 24.040197
0.50000 0.464983 24.009230 0.298212
0.000473 0.025734 31.174078
0.75000 0.464983 37.224985 0.298212
0.000473 0.417792 20.981065
1.00000 0.464983 48.207085 0.298212
0.000473 0.837548 7.444653

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.312815 -47.066604 -0.344050
-0.001032 -0.1874354 -38.307016
0.25000 -0.312815 -35.181729 -0.344050
-0.001032 -0.447189 -21.192897
0.50000 -0.312815 -21.762331 -0.344050
-0.001032 -0.044720 -19.411493
0.75000 -0.312815 -9.755009 -0.344050
-0.001032 0.392763 -18.264460
1.00000 -0.312815 -5.469411 -0.344050
-0.001032 -0.761335 -37.677336

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.299921 7.648492 0.221181
0.001426 0.548576 17.428160
0.25000 0.299921 30.764651 0.221181
0.001426 0.273541 73.509569
0.50000 0.299921 60.807887 0.221181
0.001426 0.047641 92.649061
0.75000 0.299921 86.219853 0.221181
0.001426 0.360208 64.301543
1.00000 0.299921 119.725537 0.221181
0.001426 0.724100 16.553109

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.267861 -117.925378 -0.304077
-0.001336 -0.788053 -83.508682
0.25000 -0.267861 -89.217226 -0.304077
-0.001336 -0.410096 -34.159134
0.50000 -0.267861 -61.002335 -0.304077
-0.001336 -0.048021 -27.170811
0.75000 -0.267861 -31.827773 -0.304077
-0.001336 -0.278987 -23.112601
1.00000 -0.267861 -11.538839 -0.304077
-0.001336 -0.552468 -75.534543
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4467

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.464983 8.537638 0.399253
0.001461 0.979006 17.428160
0.25000 0.464983 26.293255 0.399253
0.001461 0.492492 53.624645
0.50000 0.464983 57.731125 0.399253
0.001461 0.052925 73.274114
0.75000 0.464983 91.127129 0.399253
0.001461 0.537657 47.946035
1.00000 0.464983 118.878720 0.399253
0.001461 1.075443 13.361672

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.475214 -117.905854 -0.444686
-0.001245 -1.138017 -77.633059
0.25000 -0.475214 -87.872763 -0.444686
-0.001245 -0.586647 -34.672352
0.50000 -0.475214 -53.962158 -0.444686
-0.001245 -0.060415 -29.465164
0.75000 -0.475214 -23.619847 -0.444686
-0.001245 -0.514426 -25.506712
1.00000 -0.475214 -12.789175 -0.444686
-0.001245 -1.006588 -72.950042

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.464983 8.537638 0.399253
0.001461 0.979006 17.428160
0.25000 0.464983 30.764651 0.399253
0.001461 0.492492 73.509569
0.50000 0.464983 60.807887 0.399253
0.001461 0.052925 92.649061
0.75000 0.464983 91.127129 0.399253
0.001461 0.537657 64.301543
1.00000 0.464983 119.725537 0.399253
0.001461 1.075443 16.553109

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.475214 -117.925378 -0.444686
-0.001336 -1.138017 -83.508682
0.25000 -0.475214 -89.217226 -0.444686
-0.001336 -0.586647 -34.672352
0.50000 -0.475214 -61.002335 -0.444686
-0.001336 -0.060415 -29.465164
0.75000 -0.475214 -31.827773 -0.444686
-0.001336 -0.514426 -25.506712
1.00000 -0.475214 -12.789175 -0.444686
-0.001336 -1.006588 -75.534543

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.464983 8.537638 0.399253
0.001461 0.979006 17.428160
0.25000 0.464983 30.764651 0.399253
0.001461 0.492492 73.509569
0.50000 0.464983 60.807887 0.399253
0.001461 0.052925 92.649061
0.75000 0.464983 91.127129 0.399253
0.001461 0.537657 64.301543
1.00000 0.464983 119.725537 0.399253
0.001461 1.075443 16.553109

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.475214 -117.925378 -0.444686
-0.001336 -1.138017 -83.508682
0.25000 -0.475214 -89.217226 -0.444686
-0.001336 -0.586647 -34.672352
0.50000 -0.475214 -61.002335 -0.444686
-0.001336 -0.060415 -29.465164
0.75000 -0.475214 -31.827773 -0.444686
-0.001336 -0.514426 -25.506712
1.00000 -0.475214 -12.789175 -0.444686
-0.001336 -1.006588 -75.534543
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4468

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 433 ========== LENGTH = 3.481101

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.119611 0.510905 0.254289
0.001005 0.450304 0.663083
0.25000 0.119611 0.536347 0.254289
0.001005 0.229003 0.714893
0.50000 0.119611 0.563742 0.254289
0.001005 0.007777 0.742945
0.75000 0.119611 0.591883 0.254289
0.001005 0.246010 0.753527
1.00000 0.119611 0.611828 0.254289
0.001005 0.504809 0.745897

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.252064 -0.326908 -0.297442
-0.000569 -0.530655 -4.161697
0.25000 -0.252064 -0.307706 -0.297442
-0.000569 -0.271825 -3.981460
0.50000 -0.252064 -0.282147 -0.297442
-0.000569 -0.013820 -3.832788
0.75000 -0.252064 -0.251906 -0.297442
-0.000569 -0.213618 -3.684733
1.00000 -0.252064 -0.229568 -0.297442
-0.000569 -0.434906 -3.570508

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.478631 12.225318 0.378928
0.001236 0.664451 16.555409
0.25000 0.478631 35.937148 0.378928
0.001236 0.334685 56.771223
0.50000 0.478631 61.469939 0.378928
0.001236 0.045670 69.489200
0.75000 0.478631 87.697096 0.378928
0.001236 0.379803 53.159950
1.00000 0.478631 106.286014 0.378928
0.001236 0.781526 16.965206

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.303552 -108.884711 -0.467660
-0.000735 -0.864759 -75.582850
0.25000 -0.303552 -90.988346 -0.467660
-0.000735 -0.457794 -40.853765
0.50000 -0.303552 -67.167245 -0.467660
-0.000735 -0.051475 -35.025190
0.75000 -0.303552 -38.983064 -0.467660
-0.000735 -0.332459 -29.216895
1.00000 -0.303552 -18.163680 -0.467660
-0.000735 -0.654652 -53.550370

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.399199 9.023061 0.454838
0.001086 0.791805 12.115130
0.25000 0.399199 25.165932 0.454838
0.001086 0.395962 39.258128
0.50000 0.399199 42.548503 0.454838
0.001086 0.034827 48.035817
0.75000 0.399199 60.403794 0.454838
0.001086 0.428457 36.955772
1.00000 0.399199 73.059017 0.454838
0.001086 0.883834 12.337863

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.275270 -74.159474 -0.527410
-0.001056 -0.964603 -55.476257
0.25000 -0.275270 -61.975736 -0.527410
-0.001056 -0.505649 -31.818863
0.50000 -0.275270 -45.758474 -0.527410
-0.001056 -0.056397 -27.835399
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4469

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.275270 -26.570853 -0.527410
-0.001056 -0.400875 -23.866048
1.00000 -0.275270 -12.397142 -0.527410
-0.001056 -0.791550 -40.414858

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.402148 7.656555 0.463320
0.001104 0.804041 10.369065
0.25000 0.402148 21.051714 0.463320
0.001104 0.400805 32.901902
0.50000 0.402148 35.475539 0.463320
0.001104 0.029104 40.207967
0.75000 0.402148 50.291631 0.463320
0.001104 0.413230 31.036338
1.00000 0.402148 60.792774 0.463320
0.001104 0.850402 10.737871

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.406334 -61.805505 -0.505988
-0.001253 -0.921354 -47.577878
0.25000 -0.406334 -51.698596 -0.505988
-0.001253 -0.481036 -27.886811
0.50000 -0.406334 -38.241718 -0.505988
-0.001253 -0.050338 -24.529514
0.75000 -0.406334 -22.320075 -0.505988
-0.001253 -0.409898 -21.187526
1.00000 -0.406334 -10.558910 -0.505988
-0.001253 -0.808836 -34.873179

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.388789 10.094485 0.135073
0.000114 0.228995 13.699058
0.25000 0.388789 29.939149 0.135073
0.000114 0.111446 47.201573
0.50000 0.388789 51.307794 0.135073
0.000114 0.031976 57.745502
0.75000 0.388789 73.257561 0.135073
0.000114 0.134271 44.064187
1.00000 0.388789 88.814809 0.135073
0.000114 0.278556 13.740540

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.044160 -91.038904 -0.170796
-0.000249 -0.331214 -60.605684
0.25000 -0.044160 -76.061260 -0.170796
-0.000249 -0.182574 -31.686598
0.50000 -0.044160 -56.125145 -0.170796
-0.000249 -0.044920 -26.958796
0.75000 -0.044160 -32.537526 -0.170796
-0.000249 -0.130006 -22.252026
1.00000 -0.044160 -15.113578 -0.170796
-0.000249 -0.241214 -42.772835

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.343476 9.653868 0.254381
0.000111 0.432268 13.041616
0.25000 0.343476 28.124671 0.254381
0.000111 0.210885 44.257689
0.50000 0.343476 48.013948 0.254381
0.000111 0.030804 54.214947
0.75000 0.343476 68.444116 0.254381
0.000111 0.213605 41.571022
1.00000 0.343476 82.924324 0.254381
0.000111 0.443352 13.523014

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.180394 -84.923166 -0.268930
-0.000705 -0.507010 -59.098433
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4470

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.180394 -70.982436 -0.268930
-0.000705 -0.272970 -32.145406
0.50000 -0.180394 -52.426514 -0.268930
-0.000705 -0.049171 -27.706197
0.75000 -0.180394 -30.471883 -0.268930
-0.000705 -0.237780 -23.283742
1.00000 -0.180394 -14.254209 -0.268930
-0.000705 -0.453260 -42.338510

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.445641 7.895048 0.402716
0.000855 0.697735 10.594589
0.25000 0.445641 20.969629 0.402716
0.000855 0.347260 32.101110
0.50000 0.445641 35.048279 0.402716
0.000855 0.027982 39.150860
0.75000 0.445641 49.509798 0.402716
0.000855 0.369308 30.191620
1.00000 0.445641 59.759632 0.402716
0.000855 0.763148 10.399715

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.293412 -60.260390 -0.456130
-0.001058 -0.834760 -46.102681
0.25000 -0.293412 -50.392426 -0.456130
-0.001058 -0.437846 -26.986138
0.50000 -0.293412 -37.257594 -0.456130
-0.001058 -0.048666 -23.810628
0.75000 -0.293412 -21.716982 -0.456130
-0.001058 -0.357865 -20.651990
1.00000 -0.293412 -10.237281 -0.456130
-0.001058 -0.704161 -34.115670

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.463405 6.718004 0.416539
0.000955 0.720262 9.143036
0.25000 0.463405 17.670733 0.416539
0.000955 0.357749 27.195757
0.50000 0.463405 29.464581 0.416539
0.000955 0.023516 33.124469
0.75000 0.463405 41.579164 0.416539
0.000955 0.369606 25.641616
1.00000 0.463405 50.165568 0.416539
0.000955 0.758263 9.059936

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.292119 -50.568952 -0.450702
-0.001225 -0.819107 -39.903107
0.25000 -0.292119 -42.302445 -0.450702
-0.001225 -0.426886 -23.838919
0.50000 -0.292119 -31.299243 -0.450702
-0.001225 -0.043279 -21.131288
0.75000 -0.292119 -18.280692 -0.450702
-0.001225 -0.370746 -18.440830
1.00000 -0.292119 -8.664013 -0.450702
-0.001225 -0.729753 -29.677008

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.164201 0.223041 0.120497
0.000403 0.206981 0.456497
0.25000 0.164201 0.248482 0.120497
0.000403 0.102101 0.527819
0.50000 0.164201 0.275878 0.120497
0.000403 0.000349 0.576089
0.75000 0.164201 0.304019 0.120497
0.000403 0.096251 0.595109
1.00000 0.164201 0.323964 0.120497
0.000403 0.193846 0.607748
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4471

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.126138 -0.266877 -0.112144
-0.000523 -0.196557 -1.934643
0.25000 -0.126138 -0.247675 -0.112144
-0.000523 -0.098956 -1.830899
0.50000 -0.126138 -0.222116 -0.112144
-0.000523 -0.003498 -1.761477
0.75000 -0.126138 -0.191875 -0.112144
-0.000523 -0.107652 -1.694924
1.00000 -0.126138 -0.169537 -0.112144
-0.000523 -0.212514 -1.663589

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.227160 0.860675 0.224495
0.000572 0.384451 1.329193
0.25000 0.227160 1.623932 0.224495
0.000572 0.189067 2.652208
0.50000 0.227160 2.445803 0.224495
0.000572 0.001896 3.124109
0.75000 0.227160 3.290024 0.224495
0.000572 0.163270 2.657378
1.00000 0.227160 3.888380 0.224495
0.000572 0.331743 1.842563

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391135	-4.131849	-0.194103
-0.000975	-0.344573	-6.102518	
0.25000	-0.391135	-3.555786	-0.194103
-0.000975	-0.175644	-4.863579	
0.50000	-0.391135	-2.789012	-0.194103
-0.000975	-0.009930	-4.563262	
0.75000	-0.391135	-1.881796	-0.194103
-0.000975	-0.201929	-4.267976	
1.00000	-0.391135	-1.211644	-0.194103
-0.000975	-0.397065	-4.947432	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.306841	1.640464	0.316063
0.000476	0.539532	2.313752	
0.25000	0.306841	2.854042	0.316063
0.000476	0.264460	4.076770	
0.50000	0.306841	4.160816	0.316063
0.000476	0.004439	4.809900	
0.75000	0.306841	5.503129	0.316063
0.000476	0.248263	4.050417	
1.00000	0.306841	6.454515	0.316063
0.000476	0.509333	2.395412	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.253857	-5.951406	-0.300513
-0.001177	-0.537758	-9.646898	
0.25000	-0.253857	-5.035466	-0.300513
-0.001177	-0.276225	-7.813395	
0.50000	-0.253857	-3.816296	-0.300513
-0.001177	-0.017834	-7.467888	
0.75000	-0.253857	-2.373822	-0.300513
-0.001177	-0.286056	-7.130015	
1.00000	-0.253857	-1.308280	-0.300513
-0.001177	-0.560736	-8.340719	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.553703	7.588022	0.385248
0.000812	0.663428	10.389663	
0.25000	0.553703	20.525217	0.385248
0.000812	0.328148	31.901307	
0.50000	0.553703	34.455930	0.385248
0.000812	0.024905	38.801067	
0.75000	0.553703	48.765489	0.385248
0.000812	0.337906	29.948538	
1.00000	0.553703	58.907619	0.385248
0.000812	0.634603	30.341468	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4472

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.286009	-59.695451	-0.413344
-0.001210	-0.754230	-45.098398	
0.25000	-0.286009	-49.931179	-0.413344
-0.001210	-0.394519	-26.159726	
0.50000	-0.286009	-36.934366	-0.413344
-0.001210	-0.044317	-22.998250	
0.75000	-0.286009	-21.557053	-0.413344
-0.001210	-0.346534	-19.855005	
1.00000	-0.286009	-10.197979	-0.413344
-0.001210	-0.677676	-33.163207	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154325	0.507412	0.499282
0.001092	0.871523	0.978577	
0.25000	0.154325	0.516537	0.499282
0.001092	0.437051	0.918562	
0.50000	0.154325	0.535007	0.499282
0.001092	0.009854	0.912738	
0.75000	0.154325	0.554184	0.499282
0.001092	0.379717	0.932128	
1.00000	0.154325	0.570371	0.499282
0.001092	0.779315	0.958207	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.639833	-0.391877	-0.459359
-0.000578	-0.819790	-7.622073	
0.25000	-0.639833	-0.374344	-0.459359
-0.000578	-0.420193	-7.602180	
0.50000	-0.639833	-0.354829	-0.459359
-0.000578	-0.026218	-7.633936	
0.75000	-0.639833	-0.336954	-0.459359
-0.000578	-0.430995	-7.702809	
1.00000	-0.639833	-0.333296	-0.459359
-0.000578	-0.865524	-7.807483	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.639128	13.393231	0.746651
0.001248	1.301732	13.315025	
0.25000	0.639128	27.919727	0.746651
0.001248	0.653639	39.011224	
0.50000	0.639128	57.325016	0.746651
0.001248	0.047623	52.135245	
0.75000	0.639128	87.854166	0.746651
0.001248	0.587665	36.220662	
1.00000	0.639128	113.623746	0.746651
0.001248	1.204118	13.406494	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.662781	-113.958621	-0.718080
-0.000697	-1.310564	-72.905462	
0.25000	-0.662781	-86.045249	-0.718080
-0.000697	-0.686637	-43.770666	
0.50000	-0.662781	-54.977631	-0.718080
-0.000697	-0.077982	-38.536052	
0.75000	-0.662781	-26.521851	-0.718080
-0.000697	-0.658963	-33.483667	
1.00000	-0.662781	-20.697943	-0.718080
-0.000697	-1.301504	-62.198492	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.590122	10.231658	0.843522
0.001105	1.462245	10.608219	
0.25000	0.590122	20.546200	0.843522
0.001105	0.730173	28.654117	
0.50000	0.590122	41.425433	0.843522
0.001105	0.037697	37.953894	
0.75000	0.590122	63.102663	0.843522
0.001105	0.645799	26.672067	
1.00000	0.590122	81.400360	0.843522
0.001105	1.330030	10.502961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4473

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.607270	-81.009482	-0.791718
-0.000959	-1.436380	-58.958404	
0.25000	-0.607270	-61.189585	-0.791718
-0.000959	-0.747711	-38.579789	
0.50000	-0.607270	-39.130015	-0.791718
-0.000959	-0.076617	-35.212547	
0.75000	-0.607270	-18.924982	-0.791718
-0.000959	-0.744838	-32.024954	
1.00000	-0.607270	-14.789714	-0.791718
-0.000959	-1.474032	-52.840857	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.588963	8.678199	0.836370
0.001090	1.538968	9.221353	
0.25000	0.588963	17.239433	0.836370
0.001090	0.720646	24.205161	
0.50000	0.588963	34.569529	0.836370
0.001090	0.031478	31.942344	
0.75000	0.588963	52.561976	0.836370
0.001090	0.628872	22.626513	
1.00000	0.588963	67.748355	0.836370
0.001090	1.293246	9.309586	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709845	-67.501054	-0.768092
-0.001141	-1.388509	-51.536474	
0.25000	-0.709845	-51.050225	-0.768092
-0.001141	-0.720374	-34.571145	
0.50000	-0.709845	-32.740430	-0.768092
-0.001141	-0.069970	-31.762410	
0.75000	-0.709845	-15.969931	-0.768092
-0.001141	-0.739971	-29.129091	
1.00000	-0.709845	-12.537592	-0.768092
-0.001141	-1.463638	-46.442706	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.549697	9.567265	0.238295
0.000110	0.409980	9.323172	
0.25000	0.549697	19.750412	0.238295
0.000110	0.205048	27.228531	
0.50000	0.549697	40.363667	0.238295
0.000110	0.027108	36.227259	
0.75000	0.549697	61.764755	0.238295
0.000110	0.193787	25.061498	
1.00000	0.549697	79.829359	0.238295
0.000110	0.399903	9.094081	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041067	-79.781714	-0.242513
-0.000199	-0.454610	-47.951357	
0.25000	-0.041067	-60.214300	-0.242513
-0.000199	-0.244131	-27.721254	
0.50000	-0.041067	-38.435744	-0.242513
-0.000199	-0.042212	-24.242473	
0.75000	-0.041067	-18.488990	-0.242513
-0.000199	-0.219553	-20.906782	
1.00000	-0.041067	-14.405510	-0.242513
-0.000199	-0.421514	-41.261829	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.500811	9.373015	0.418521
9.62E-05	0.717101	9.389916	
0.25000	0.500811	19.090803	0.418521
9.62E-05	0.354688	26.498004	
0.50000	0.500811	38.762055	0.418521
9.62E-05	0.026848	35.242416	
0.75000	0.500811	59.185136	0.418521
9.62E-05	0.311629	24.635975	
1.00000	0.500811	76.424207	0.418521
9.62E-05	0.644672	9.482218	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4474

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.183897	-76.301888	-0.387671
-0.000594	-0.714484	-50.661135	
0.25000	-0.183897	-57.628683	-0.387671
-0.000594	-0.377040	-31.403294	
0.50000	-0.183897	-36.845384	-0.387671
-0.000594	-0.039198	-32.628300	
0.75000	-0.183897	-17.809325	-0.387671
-0.000594	-0.380918	-25.161045	
1.00000	-0.183897	-13.913306	-0.387671
-0.000594	-0.740227	-44.742724	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.629361	7.289005	0.731055
0.000847	1.263811	8.018501	
0.25000	0.629361	13.604198	0.731055
0.000847	0.628688	18.646105	
0.50000	0.629361	26.387741	0.731055
0.000847	0.025668	23.985971	
0.75000	0.629361	39.659867	0.731055
0.000847	0.557695	17.113778	
1.00000	0.629361	50.862836	0.731055
0.000847	1.150583	7.341206	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.416205	-49.826619	-0.684108
-0.000978	-1.237171	-41.617053	
0.25000	-0.416205	-37.681666	-0.684108
-0.000978	-0.641665	-29.583784	
0.50000	-0.416205	-24.185449	-0.684108
-0.000978	-0.062246	-27.841934	
0.75000	-0.416205	-11.814692	-0.684108
-0.000978	-0.647240	-26.327928	
1.00000	-0.416205	-9.282828	-0.684108
-0.000978	-1.280418	-39.557612	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.668892	6.242375	0.741760
0.000925	1.280399	7.080882	
0.25000	0.668892	11.539254	0.741760
0.000925	0.635753	16.028146	
0.50000	0.668892	22.261471	0.741760
0.000925	0.021583	20.543426	
0.75000	0.668892	33.393489	0.741760
0.000925	0.560278	14.805977	
1.00000	0.668892	42.789997	0.741760
0.000925	1.152178	6.625877	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.444809	-41.925098	-0.682735
-0.001143	-1.229277	-37.051767	
0.25000	-0.444809	-31.746886	-0.682735
-0.001143	-0.635071	-26.822468	
0.50000	-0.444809	-20.418525	-0.682735
-0.001143	-0.057079	-25.388409	
0.75000	-0.444809	-10.042532	-0.682735
-0.001143	-0.657161	-24.145468	
1.00000	-0.444809	-7.918927	-0.682735
-0.001143	-1.300100	-35.270681	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316492	0.276952	0.200155
0.000382	0.343478	0.674885	
0.25000	0.316492	0.286077	0.200155
0.000382	0.169456	0.692408	
0.50000	0.316492	0.304548	0.200155
0.000382	0.000319	0.718668	
0.75000	0.316492	0.323724	0.200155
0.000382	0.149787	0.741269	
1.00000	0.316492	0.339911	0.200155
0.000382	0.302838	0.771304	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4475

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.156114	-0.267885	-0.176032
-0.000503	-0.309808	-2.873943	
0.25000	-0.156114	-0.250352	-0.176032
-0.000503	-0.156624	-2.913187	
0.50000	-0.156114	-0.230837	-0.176032
-0.000503	-0.006465	-2.984587	
0.75000	-0.156114	-0.212963	-0.176032
-0.000503	-0.177364	-3.070041	
1.00000	-0.156114	-0.209304	-0.176032
-0.000503	-0.351386	-3.186619	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.380522	0.817269	0.366763
0.000529	0.628364	1.443550	
0.25000	0.380522	1.118384	0.366763
0.000529	0.309074	1.958802	
0.50000	0.380522	1.727916	0.366763
0.000529	0.001465	2.279502	
0.75000	0.380522	2.360743	0.366763
0.000529	0.260248	2.061898	
1.00000	0.380522	2.894912	0.366763
0.000529	0.529854	1.844355	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.442981	-2.964863	-0.310029
-0.000923	-0.549397	-7.884621	
0.25000	-0.442981	-2.386257	-0.310029
-0.000923	-0.279395	-7.230403	
0.50000	-0.442981	-1.742268	-0.310029
-0.000923	-0.016383	-7.168843	
0.75000	-0.442981	-1.152418	-0.310029
-0.000923	-0.327116	-7.178596	
1.00000	-0.442981	-1.031696	-0.310029
-0.000923	-0.646120	-7.941567	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.549639	1.301144	0.505725
0.000444	0.865556	2.220055	
0.25000	0.549639	1.309356	0.505725
0.000444	0.425131	1.923701	
0.50000	0.549639	1.325980	0.505725
0.000444	0.002956	1.794748	
0.75000	0.549639	1.343239	0.505725
0.000444	0.366802	1.881940	
1.00000	0.549639	1.357807	0.505725
0.000444	0.753073	2.066249	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.311261	-0.552191	-0.443696
-0.001057	-0.790702	-10.865546	
0.25000	-0.311261	-0.536411	-0.443696
-0.001057	-0.404292	-11.226074	
0.50000	-0.311261	-0.518647	-0.443696
-0.001057	-0.028378	-11.711208	
0.75000	-0.311261	-0.502760	-0.443696
-0.001057	-0.451254	-12.320129	
1.00000	-0.311261	-0.499468	-0.443696
-0.001057	-0.891334	-13.011258	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.809411	6.666543	0.675384
0.000787	1.163469	7.454164	
0.25000	0.809411	12.412904	0.675384
0.000787	0.576740	17.201385	
0.50000	0.809411	24.051609	0.675384
0.000787	0.020660	22.081224	
0.75000	0.809411	36.132868	0.675384
0.000787	0.512610	15.859038	
1.00000	0.809411	46.330629	0.675384
0.000787	1.052779	7.029681	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4476

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.374409	-45.491150	-0.623789
-0.001123	-1.124133	-37.705449	
0.25000	-0.374409	-34.445029	-0.623789
-0.001123	-0.581196	-26.569392	
0.50000	-0.374409	-22.150683	-0.623789
-0.001123	-0.053522	-25.004907	
0.75000	-0.374409	-10.889915	-0.623789
-0.001123	-0.600860	-23.641654	
1.00000	-0.374409	-8.585228	-0.623789
-0.001123	-1.185764	-35.703620	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.553703	12.225318	0.463320
0.001236	0.804041	16.555409	
0.25000	0.553703	35.937148	0.463320
0.001236	0.400805	56.771223	
0.50000	0.553703	61.469939	0.463320
0.001236	0.045670	69.489200	
0.75000	0.553703	87.697096	0.463320
0.001236	0.428457	53.159950	
1.00000	0.553703	106.286014	0.463320
0.001236	0.883834	16.965206	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.406334	-108.884711	-0.527410
-0.001253	-0.964603	-75.562850	
0.25000	-0.406334	-90.988346	-0.527410
-0.001253	-0.605649	-40.853765	
0.50000	-0.406334	-67.167245	-0.527410
-0.001253	-0.064875	-35.025190	
0.75000	-0.406334	-38.983064	-0.527410
-0.001253	-0.409898	-29.216895	
1.00000	-0.406334	-18.163680	-0.527410
-0.001253	-0.808836	-53.550370	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.809411	13.393231	0.843522
0.001248	1.462245	13.315025	
0.25000	0.809411	27.919727	0.843522
0.001248	0.730173	39.011224	
0.50000	0.809411	57.325016	0.843522
0.001248	0.047623	52.135245	
0.75000	0.809411	87.854166	0.843522
0.001248	0.645799	36.220662	
1.00000	0.809411	113.623746	0.843522
0.001248	1.330030	13.406494	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709845	-113.958621	-0.791718
-0.001143	-1.436380	-72.905462	
0.25000	-0.709845	-86.045249	-0.791718
-0.001143	-0.747711	-43.770666	
0.50000	-0.709845	-54.977631	-0.791718
-0.001143	-0.077982	-38.536052	
0.75000	-0.709845	-26.521851	-0.791718
-0.001143	-0.744838	-33.483667	
1.00000	-0.709845	-20.697943	-0.791718
-0.001143	-1.474032	-62.198492	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.809411	13.393231	0.843522
0.001248	1.462245	16.555409	
0.25000	0.809411	35.937148	0.843522
0.001248	0.730173	56.771223	
0.50000	0.809411	61.469939	0.843522
0.001248	0.047623	69.489200	
0.75000	0.809411	87.854166	0.843522
0.001248	0.645799	53.159950	
1.00000	0.809411	113.623746	0.843522
0.001248	1.330030	16.965206	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4477

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709845	-113.958621	-0.791718
-0.001253	-1.436380	-75.582850	
0.25000	-0.709845	-90.988346	-0.791718
-0.001253	-0.747711	-43.770666	
0.50000	-0.709845	-67.167245	-0.791718
-0.001253	-0.077982	-38.536052	
0.75000	-0.709845	-38.983064	-0.791718
-0.001253	-0.744838	-33.483667	
1.00000	-0.709845	-20.697943	-0.791718
-0.001253	-1.474032	-62.198492	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.809411	13.393231	0.843522
0.001248	1.462245	16.555409	
0.25000	0.809411	35.937148	0.843522
0.001248	0.730173	56.771223	
0.50000	0.809411	61.469939	0.843522
0.001248	0.047623	69.489200	
0.75000	0.809411	87.854166	0.843522
0.001248	0.645799	53.159950	
1.00000	0.809411	113.623746	0.843522
0.001248	1.330030	16.965206	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709845	-113.958621	-0.791718
-0.001253	-1.436380	-75.582850	
0.25000	-0.709845	-90.988346	-0.791718
-0.001253	-0.747711	-43.770666	
0.50000	-0.709845	-67.167245	-0.791718
-0.001253	-0.077982	-38.536052	
0.75000	-0.709845	-38.983064	-0.791718
-0.001253	-0.744838	-33.483667	
1.00000	-0.709845	-20.697943	-0.791718
-0.001253	-1.474032	-62.198492	

ELEM 434 ========== LENGTH = 3.481038

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.110365	0.247610	0.246798
0.000548	0.426093	0.698119	
0.25000	0.110365	0.259946	0.246798
0.000548	0.211322	0.772782	
0.50000	0.110365	0.300186	0.246798
0.000548	0.002182	0.829381	
0.75000	0.110365	0.325746	0.246798
0.000548	0.240253	0.865022	
1.00000	0.110365	0.344950	0.246798
0.000548	0.480338	0.879695	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245380	-0.632402	-0.275949
-0.001043	-0.480387	-3.699461	
0.25000	-0.245380	-0.612458	-0.275949
-0.001043	-0.240316	-3.399224	
0.50000	-0.245380	-0.584315	-0.275949
-0.001043	-0.013997	-3.241925	
0.75000	-0.245380	-0.556919	-0.275949
-0.001043	-0.218257	-3.255286	
1.00000	-0.245380	-0.531475	-0.275949
-0.001043	-0.433035	-3.451739	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.475422	18.174713	0.393392
0.000732	0.658747	16.911856	
0.25000	0.475422	38.991696	0.393392
0.000732	0.323636	53.216441	
0.50000	0.475422	67.175494	0.393392
0.000732	0.039236	69.603364	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4478

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.475422	90.996905	0.393392
0.000732	0.365651	56.861059	
1.00000	0.475422	108.894922	0.393392
0.000732	0.734037	16.570523	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283071	-106.319150	-0.423385
-0.001303	-0.739948	-53.611853	
0.25000	-0.283071	-87.731580	-0.423385
-0.001303	-0.378625	-28.868721	
0.50000	-0.283071	-61.502242	-0.423385
-0.001303	-0.065409	-34.267560	
0.75000	-0.283071	-35.969537	-0.423385
-0.001303	-0.382004	-39.906057	
1.00000	-0.283071	-12.255568	-0.423385
-0.001303	-0.724358	-74.652242	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.403769	12.402381	0.486381
0.001046	0.817456	12.286490	
0.25000	0.403769	26.574458	0.486381
0.001046	0.399108	37.040306	
0.50000	0.403769	45.761819	0.486381
0.001046	0.029138	48.219401	
0.75000	0.403769	61.979292	0.486381
0.001046	0.404067	39.509037	
1.00000	0.403769	74.164155	0.486381
0.001046	0.814464	12.007017	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254452	-73.087551	-0.471667
-0.001143	-0.827521	-40.496873	
0.25000	-0.254452	-60.433245	-0.471667
-0.001143	-0.421946	-23.338445	
0.50000	-0.254452	-42.576470	-0.471667
-0.001143	-0.058797	-26.713544	
0.75000	-0.254452	-25.193957	-0.471667
-0.001143	-0.461700	-30.415260	
1.00000	-0.254452	-9.049629	-0.471667
-0.001143	-0.884978	-54.077927	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.406015	10.561283	0.505480
0.001262	0.849811	10.704096	
0.25000	0.406015	22.321092	0.505480
0.001262	0.413995	31.141498	
0.50000	0.406015	38.242519	0.505480
0.001262	0.026559	40.418814	
0.75000	0.406015	51.699571	0.505480
0.001262	0.398688	33.192194	
1.00000	0.406015	61.810414	0.505480
0.001262	0.800093	10.386617	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.394628	-60.825051	-0.461323
-0.001140	-0.805868	-34.960718	
0.25000	-0.394628	-50.324669	-0.461323
-0.001140	-0.408460	-20.606616	
0.50000	-0.394628	-35.507345	-0.461323
-0.001140	-0.054598	-23.293029	
0.75000	-0.394628	-21.083558	-0.461323
-0.001140	-0.477608	-26.340802	
1.00000	-0.394628	-7.687201	-0.461323
-0.001140	-0.917516	-46.035078	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.398595	15.108552	0.165807
0.000249	0.264799	13.737031	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4479
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.398595	32.530501	0.165807
0.000249	0.126564	44.108343	
0.50000	0.398595	56.117799	0.165807
0.000249	0.031511	57.792046	
0.75000	0.398595	76.054173	0.165807
0.000249	0.123384	47.100969	
1.00000	0.398595	91.033200	0.165807
0.000249	0.250865	13.601445	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.037715	-88.823088	-0.146486
-0.000141	-0.259164	-42.803399	
0.25000	-0.037715	-73.266947	-0.146486
-0.000141	-0.137576	-22.140429	
0.50000	-0.037715	-51.315355	-0.146486
-0.000141	-0.045916	-26.704122	
0.75000	-0.037715	-29.946782	-0.146486
-0.000141	-0.360646	-31.352067	
1.00000	-0.037715	-10.100327	-0.146486
-0.000141	-0.323841	-60.263300	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360063	14.244279	0.307307
0.000710	0.502762	13.522286	
0.25000	0.360063	30.460084	0.307307
0.000710	0.240965	41.656464	
0.50000	0.360063	52.414415	0.307307
0.000710	0.031865	54.400779	
0.75000	0.360063	70.970579	0.307307
0.000710	0.196825	44.387407	
1.00000	0.360063	84.912596	0.307307
0.000710	0.399273	12.895431	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176893	-82.931826	-0.232625
-0.000134	-0.410603	-42.396771	
0.25000	-0.176893	-68.452667	-0.232625
-0.000134	-0.213642	-22.972614	
0.50000	-0.176893	-48.226801	-0.232625
-0.000134	-0.052516	-27.021975	
0.75000	-0.176893	-28.131590	-0.232625
-0.000134	-0.310214	-31.279221	
1.00000	-0.176893	-9.659121	-0.232625
-0.000134	-0.577651	-58.228683	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.465956	10.230624	0.441242
0.001079	0.739883	10.364073	
0.25000	0.465956	21.709002	0.441242
0.001079	0.359885	30.228830	
0.50000	0.465956	37.249403	0.441242
0.001079	0.024488	39.339785	
0.75000	0.465956	50.384406	0.441242
0.001079	0.348241	32.285665	
1.00000	0.465956	60.253280	0.441242
0.001079	0.702281	10.397900	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.278999	-59.779392	-0.406854
-0.000887	-0.714149	-34.196171	
0.25000	-0.278999	-49.530302	-0.406854
-0.000887	-0.364022	-20.125775	
0.50000	-0.278999	-35.067580	-0.406854
-0.000887	-0.052102	-22.707932	
0.75000	-0.278999	-20.988978	-0.406854
-0.000887	-0.419657	-25.600682	
1.00000	-0.278999	-7.913217	-0.406854
-0.000887	-0.803651	-44.711085	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4480
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480171	8.651963	0.463388
0.001268	0.777915	9.044700	
0.25000	0.480171	18.267533	0.463388
0.001268	0.377992	25.755167	
0.50000	0.480171	31.285907	0.463388
0.001268	0.023009	33.339852	
0.75000	0.480171	42.289252	0.463388
0.001268	0.356962	27.429888	
1.00000	0.480171	50.556523	0.463388
0.001268	0.716166	9.079260	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283456	-50.195417	-0.412783
-0.000965	-0.720874	-29.762549	
0.25000	-0.283456	-41.609635	-0.412783
-0.000965	-0.364950	-17.865726	
0.50000	-0.283456	-29.494044	-0.412783
-0.000965	-0.048494	-19.919167	
0.75000	-0.283456	-17.700236	-0.412783
-0.000965	-0.438218	-22.317744	
1.00000	-0.283456	-6.746519	-0.412783
-0.000965	-0.841485	-38.374101	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.164055	0.159697	0.141722
0.000570	0.239283	0.629881	
0.25000	0.164055	0.182033	0.141722
0.000570	0.115950	0.649631	
0.50000	0.164055	0.213273	0.141722
0.000570	0.003986	0.664905	
0.75000	0.164055	0.237832	0.141722
0.000570	0.105581	0.649873	
1.00000	0.164055	0.257036	0.141722
0.000570	0.207007	0.605753	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.122086	-0.341425	-0.116608
-0.000378	-0.198924	-1.691090	
0.25000	-0.122086	-0.321481	-0.116608
-0.000378	-0.097448	-1.488732	
0.50000	-0.122086	-0.293338	-0.116608
-0.000378	-0.007431	-1.321659	
0.75000	-0.122086	-0.265942	-0.116608
-0.000378	-0.130736	-1.282227	
1.00000	-0.122086	-0.240498	-0.116608
-0.000378	-0.254071	-1.378251	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228350	1.200705	0.265871
0.001034	0.447278	1.869335	
0.25000	0.228350	1.870780	0.265871
0.001034	0.216128	2.752384	
0.50000	0.228350	2.777984	0.265871
0.001034	0.007613	3.280042	
0.75000	0.228350	3.544767	0.265871
0.001034	0.173333	2.867651	
1.00000	0.228350	4.120884	0.265871
0.001034	0.341724	1.565929	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.393733	-3.911042	-0.193465
-0.000542	-0.331738	-4.998667	
0.25000	-0.393733	-3.312729	-0.193465
-0.000542	-0.163592	-3.893763	
0.50000	-0.393733	-2.468437	-0.193465
-0.000542	-0.016188	-3.764683	
0.75000	-0.393733	-1.646569	-0.193465
-0.000542	-0.247291	-3.869994	
1.00000	-0.393733	-0.883244	-0.193465
-0.000542	-0.478667	-5.108417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4481
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.317916	1.296392	0.373868
0.001228	0.626871	2.416081	
0.25000	0.317916	2.361111	0.373868
0.001228	0.301873	4.168629	
0.50000	0.317916	3.804265	0.373868
0.001228	0.008947	5.019897	
0.75000	0.317916	5.023451	0.373868
0.001228	0.245775	4.376201	
1.00000	0.317916	5.939476	0.373868
0.001228	0.491360	2.389448	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248558	-6.474881	-0.282195
-0.000450	-0.490977	-8.413545	
0.25000	-0.248558	-5.523564	-0.282195
-0.000450	-0.245748	-6.607850	
0.50000	-0.248558	-4.181140	-0.282195
-0.000450	-0.024877	-6.368880	
0.75000	-0.248558	-2.874369	-0.282195
-0.000450	-0.243914	-6.435962	
1.00000	-0.248558	-1.660682	-0.282195
-0.000450	-0.675276	-8.251736	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570520	10.182638	0.439057
0.001240	0.733390	10.348071	
0.25000	0.570520	21.540402	0.439057
0.001240	0.355304	30.070839	
0.50000	0.570520	36.917506	0.439057
0.001240	0.026440	39.013060	
0.75000	0.570520	49.914488	0.439057
0.001240	0.329562	32.077884	
1.00000	0.570520	59.679662	0.439057
0.001240	0.660572	10.387817	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273753	-58.936570	-0.380382
-0.000825	-0.663697	-33.246611	
0.25000	-0.273753	-48.795176	-0.380382
-0.000825	-0.336520	-19.310043	
0.50000	-0.273753	-34.484426	-0.380382
-0.000825	-0.050435	-21.842961	
0.75000	-0.273753	-20.553760	-0.380382
-0.000825	-0.425873	-24.709174	
1.00000	-0.273753	-7.615398	-0.380382
-0.000825	-0.807966	-43.633875	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.141836	0.327398	0.522291
0.000524	0.890891	0.898491	
0.25000	0.141836	0.331053	0.522291
0.000524	0.436221	0.958993	
0.50000	0.141836	0.348923	0.522291
0.000524	0.001750	1.018560	
0.75000	0.141836	0.368442	0.522291
0.000524	0.363999	1.096588	
1.00000	0.141836	0.385975	0.522291
0.000524	0.729785	1.201352	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.620810	-0.641559	-0.420627
-0.001143	-0.734397	-7.767267	
0.25000	-0.620810	-0.625373	-0.420627
-0.001143	-0.368447	-7.669540	
0.50000	-0.620810	-0.606198	-0.420627
-0.001143	-0.023826	-7.602279	
0.75000	-0.620810	-0.587726	-0.420627
-0.001143	-0.471545	-7.561842	
1.00000	-0.620810	-0.578596	-0.420627
-0.001143	-0.926182	-7.573373	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4482
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.625134	20.683499	0.798294
0.000690	1.343210	13.327501	
0.25000	0.625134	26.501268	0.798294
0.000690	0.655822	36.264359	
0.50000	0.625134	54.951342	0.798294
0.000690	0.036639	52.288869	
0.75000	0.625134	86.024162	0.798294
0.000690	0.563460	39.263889	
1.00000	0.625134	113.938065	0.798294
0.000690	1.125518	13.537355	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.633414	-113.726999	-0.648601
-0.001365	-1.138769	-62.169631	
0.25000	-0.633414	-87.959172	-0.648601
-0.001365	-0.580796	-33.444405	
0.50000	-0.633414	-57.433012	-0.648601
-0.001365	-0.073699	-38.488099	
0.75000	-0.633414	-28.024989	-0.648601
-0.001365	-0.753246	-43.689310	
1.00000	-0.633414	-13.490683	-0.648601
-0.001365	-1.447875	-72.801979	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.576085	14.743070	0.915546
0.000954	1.541920	10.433745	
0.25000	0.576085	18.873979	0.915546
0.000954	0.750140	26.765383	
0.50000	0.576085	39.074961	0.915546
0.000954	0.028617	38.192094	
0.75000	0.576085	61.138225	0.915546
0.000954	0.609811	28.975305	
1.00000	0.576085	80.958498	0.915546
0.000954	1.225185	10.924710	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.582340	-81.520390	-0.708706
-0.001206	-1.246137	-52.822691	
0.25000	-0.582340	-63.223688	-0.708706
-0.001206	-0.633605	-31.993760	
0.50000	-0.582340	-41.548831	-0.708706
-0.001206	-0.075297	-35.144796	
0.75000	-0.582340	-20.667656	-0.708706
-0.001206	-0.854996	-38.456444	
1.00000	-0.582340	-10.347568	-0.708706
-0.001206	-1.651721	-58.789279	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.575529	12.467081	0.921464
0.001168	1.551222	9.265821	
0.25000	0.575529	15.895801	0.921464
0.001168	0.753588	22.744726	
0.50000	0.575529	32.662938	0.921464
0.001168	0.026522	32.213495	
0.75000	0.575529	50.975798	0.921464
0.001168	0.611861	24.155582	
1.00000	0.575529	67.426941	0.921464
0.001168	1.201009	9.601460	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.691849	-67.865756	-0.693280
-0.001161	-1.215436	-46.447954	
0.25000	-0.691849	-52.679409	-0.693280
-0.001161	-0.615653	-29.101761	
0.50000	-0.691849	-34.688725	-0.693280
-0.001161	-0.072866	-31.687536	
0.75000	-0.691849	-17.357018	-0.693280
-0.001161	-0.859236	-34.427038	
1.00000	-0.691849	-8.791181	-0.693280
-0.001161	-1.661073	-51.308922	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4483
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.548770	14.384986	0.269679
0.000200	0.444008	9.082157	
0.25000	0.548770	18.463271	0.269679
0.000200	0.214872	25.089013	
0.50000	0.548770	38.406916	0.269679
0.000200	0.025303	36.303015	
0.75000	0.548770	60.189119	0.269679
0.000200	0.182812	27.304493	
1.00000	0.548770	79.756905	0.269679
0.000200	0.365979	9.411040	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033959	-79.863747	-0.212195
-0.000122	-0.377108	-41.274224	
0.25000	-0.033959	-61.800371	-0.212195
-0.000122	-0.196874	-20.910560	
0.50000	-0.033959	-40.401380	-0.212195
-0.000122	-0.041792	-24.224160	
0.75000	-0.033959	-19.786207	-0.212195
-0.000122	-0.269263	-27.671165	
1.00000	-0.033959	-9.559586	-0.212195
-0.000122	-0.503628	-47.877748	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.499886	13.855620	0.483213
0.000604	0.802179	9.479097	
0.25000	0.499886	17.747532	0.483213
0.000604	0.386895	24.724507	
0.50000	0.499886	36.779774	0.483213
0.000604	0.027026	35.416834	
0.75000	0.499886	57.566554	0.483213
0.000604	0.288575	26.669388	
1.00000	0.499886	76.240113	0.483213
0.000604	0.581314	9.588922	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179510	-76.482738	-0.337551
-0.000110	-0.597810	-44.773446	
0.25000	-0.179510	-59.244839	-0.337551
-0.000110	-0.307820	-25.160747	
0.50000	-0.179510	-38.823759	-0.337551
-0.000110	-0.056718	-28.154766	
0.75000	-0.179510	-19.150678	-0.337551
-0.000110	-0.466351	-31.296874	
1.00000	-0.179510	-9.427665	-0.337551
-0.000110	-0.886580	-50.466278	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.624710	9.214581	0.801226
0.000958	1.349399	7.296018	
0.25000	0.624710	11.743776	0.801226
0.000958	0.655417	17.219827	
0.50000	0.624710	24.112652	0.801226
0.000958	0.019738	24.229589	
0.75000	0.624710	37.620531	0.801226
0.000958	0.525491	18.883215	
1.00000	0.624710	49.755715	0.801226
0.000958	1.058878	8.339236	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.398494	-50.964383	-0.613098
-0.000914	-1.078381	-39.573327	
0.25000	-0.398494	-39.762176	-0.613098
-0.000914	-0.546732	-26.156278	
0.50000	-0.398494	-26.491351	-0.613098
-0.000914	-0.063396	-27.573202	
0.75000	-0.398494	-13.706619	-0.613098
-0.000914	-0.745776	-29.207448	
1.00000	-0.398494	-7.388030	-0.613098
-0.000914	-1.442881	-41.322635	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4484
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.662069	7.826454	0.823730
0.001169	1.386931	6.604448	
0.25000	0.662069	9.947820	0.823730
0.001169	0.672886	14.935913	
0.50000	0.662069	20.321732	0.823730
0.001169	0.019476	20.820451	
0.75000	0.662069	31.651991	0.823730
0.001169	0.535752	16.325967	
1.00000	0.662069	41.830396	0.823730
0.001169	1.075784	7.472374	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430888	-42.892134	-0.620798
-0.000956	-1.087532	-35.307139	
0.25000	-0.430888	-33.496265	-0.620798
-0.000956	-0.549161	-23.999440	
0.50000	-0.430888	-22.365338	-0.620798
-0.000956	-0.061866	-25.142298	
0.75000	-0.430888	-11.642123	-0.620798
-0.000956	-0.765774	-26.462256	
1.00000	-0.430888	-6.342397	-0.620798
-0.000956	-1.482298	-36.569396	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308201	0.153699	0.233698
0.000574	0.393740	0.797236	
0.25000	0.308201	0.157353	0.233698
0.000574	0.190157	0.803129	
0.50000	0.308201	0.175224	0.233698
0.000574	0.004771	0.812577	
0.75000	0.308201	0.194742	0.233698
0.000574	0.155798	0.811739	
1.00000	0.308201	0.212276	0.233698
0.000574	0.307363	0.813172	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151027	-0.365779	-0.174208
-0.000342	-0.299189	-3.224385	
0.25000	-0.151027	-0.349593	-0.174208
-0.000342	-0.147663	-3.059584	
0.50000	-0.151027	-0.330418	-0.174208
-0.000342	-0.012350	-2.923156	
0.75000	-0.151027	-0.311946	-0.174208
-0.000342	-0.215240	-2.796253	
1.00000	-0.151027	-0.302816	-0.174208
-0.000342	-0.419193	-2.698407	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.373229	0.941559	0.432288
0.001010	0.726625	1.883458	
0.25000	0.373229	1.062144	0.432288
0.001010	0.350594	2.170919	
0.50000	0.373229	1.651876	0.432288
0.001010	0.008467	2.461269	
0.75000	0.373229	2.295973	0.432288
0.001010	0.261479	2.193064	
1.00000	0.373229	2.874591	0.432288
0.001010	0.518788	1.685957	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.444776	-2.939725	-0.295629
-0.000485	-0.510496	-8.002890	
0.25000	-0.444776	-2.405593	-0.295629
-0.000485	-0.253137	-7.149457	
0.50000	-0.444776	-1.772827	-0.295629
-0.000485	-0.026600	-7.050378	
0.75000	-0.444776	-1.163239	-0.295629
-0.000485	-0.400268	-7.015638	
1.00000	-0.444776	-0.861963	-0.295629
-0.000485	-0.776692	-7.533489	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4485
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.542267	0.391815	0.586206
0.001138	0.985184	2.095250	
0.25000	0.542267	0.395104	0.586206
0.001138	0.475029	2.023448	
0.50000	0.542267	0.411187	0.586206
0.001138	0.008433	2.042991	
0.75000	0.542267	0.428754	0.586206
0.001138	0.353447	2.191073	
1.00000	0.542267	0.444534	0.586206
0.001138	0.709544	2.547612	

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.307466 -1.429247 -0.408858
-0.000404 -0.713002 -13.069492
0.25000 -0.307466 -1.414680 -0.408858
-0.000404 -0.356857 -12.309458
0.50000 -0.307466 -1.397423 -0.408858
-0.000404 -0.038622 -11.620178
0.75000 -0.307466 -1.380798 -0.408858
-0.000404 -0.542013 -11.033597
1.00000 -0.307466 -1.372581 -0.408858
-0.000404 -1.052179 -10.536730

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.802689 8.484065 0.758913
0.001170 1.274789 7.031025
0.25000 0.802689 10.786323 0.758913
0.001170 0.617404 15.990776
0.50000 0.802689 22.044832 0.758913
0.001170 0.021402 22.345190
0.75000 0.802689 34.341238 0.758913
0.001170 0.494266 17.484727
1.00000 0.802689 45.387568 0.758913
0.001170 0.990549 7.810335

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.362157 -46.423679 -0.570895
-0.000788 -0.999033 -35.753455
0.25000 -0.362157 -36.226612 -0.570895
-0.000788 -0.504404 -23.538956
0.50000 -0.362157 -24.146536 -0.570895
-0.000788 -0.059708 -24.802880
0.75000 -0.362157 -12.509395 -0.570895
-0.000788 -0.710745 -26.239870
1.00000 -0.362157 -6.757298 -0.570895
-0.000788 -1.371262 -37.229115

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.570520 18.174713 0.505480
0.001268 0.849811 16.911856
0.25000 0.570520 38.991696 0.505480
0.001268 0.413995 53.216441
0.50000 0.570520 67.175494 0.505480
0.001268 0.039236 69.603364
0.75000 0.570520 90.996905 0.505480
0.001268 0.404067 56.861059
1.00000 0.570520 108.894922 0.505480
0.001268 0.814464 16.570523

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.394628 -106.319150 -0.471667
-0.001303 -0.827521 -53.611853
0.25000 -0.394628 -87.731580 -0.471667
-0.001303 -0.421946 -28.868721
0.50000 -0.394628 -61.502242 -0.471667
-0.001303 -0.065409 -34.267560
0.75000 -0.394628 -35.969537 -0.471667
-0.001303 -0.477608 -39.906057
1.00000 -0.394628 -12.255568 -0.471667
-0.001303 -0.917516 -74.652242

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4486

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.802689 20.683499 0.921464
0.001170 1.551322 13.327501
0.25000 0.802689 26.501268 0.921464
0.001170 0.753588 36.264359
0.50000 0.802689 54.951342 0.921464
0.001170 0.036639 52.288869
0.75000 0.802689 86.024182 0.921464
0.001170 0.609811 39.265869
1.00000 0.802689 113.938065 0.921464
0.001170 1.225185 13.537355

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.691849 -113.726999 -0.708706
-0.001365 -1.246137 -62.169631
0.25000 -0.691849 -87.959172 -0.708706
-0.001365 -0.633605 -33.444405
0.50000 -0.691849 -57.433012 -0.708706
-0.001365 -0.075297 -38.488099
0.75000 -0.691849 -28.024989 -0.708706
-0.001365 -0.859236 -43.689310
1.00000 -0.691849 -13.490683 -0.708706
-0.001365 -1.661073 -72.801979

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.802689 20.683499 0.921464
0.001268 1.551322 16.911856
0.25000 0.802689 38.991696 0.921464
0.001268 0.753588 53.216441
0.50000 0.802689 67.175494 0.921464
0.001268 0.039236 69.603364
0.75000 0.802689 90.996905 0.921464
0.001268 0.609811 56.861059
1.00000 0.802689 113.938065 0.921464
0.001268 1.225185 16.570523

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.691849 -113.726999 -0.708706
-0.001365 -1.246137 -62.169631
0.25000 -0.691849 -87.959172 -0.708706
-0.001365 -0.633605 -33.444405
0.50000 -0.691849 -61.502242 -0.708706
-0.001365 -0.075297 -38.488099
0.75000 -0.691849 -35.969537 -0.708706
-0.001365 -0.859236 -43.689310
1.00000 -0.691849 -13.490683 -0.708706
-0.001365 -1.661073 -74.652242

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.802689 20.683499 0.921464
0.001268 1.551322 16.911856
0.25000 0.802689 38.991696 0.921464
0.001268 0.753588 53.216441
0.50000 0.802689 67.175494 0.921464
0.001268 0.039236 69.603364
0.75000 0.802689 90.996905 0.921464
0.001268 0.609811 56.861059
1.00000 0.802689 113.938065 0.921464
0.001268 1.225185 16.570523

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.691849 -113.726999 -0.708706
-0.001365 -1.246137 -62.169631
0.25000 -0.691849 -87.959172 -0.708706
-0.001365 -0.633605 -33.444405
0.50000 -0.691849 -61.502242 -0.708706
-0.001365 -0.075297 -38.488099
0.75000 -0.691849 -35.969537 -0.708706
-0.001365 -0.859236 -43.689310
1.00000 -0.691849 -13.490683 -0.708706
-0.001365 -1.661073 -74.652242

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4487

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 435 ========== LENGTH = 4.972600

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.083956 0.033750 0.125841
8.31E-06 0.311523 0.838244
0.25000 0.083956 0.055516 0.125841
8.31E-06 0.155089 0.890623
0.50000 0.083956 0.086816 0.125841
8.31E-06 0.002770 1.272313
0.75000 0.083956 0.117089 0.125841
8.31E-06 0.165124 1.949460
1.00000 0.083956 0.147886 0.125841
8.31E-06 0.332296 2.668442

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.129995 -0.901688 -0.134463
-0.001234 -0.336403 -3.412469
0.25000 -0.129995 -0.865734 -0.134463
-0.001234 -0.169340 -3.283669
0.50000 -0.129995 -0.838473 -0.134463
-0.001234 -0.009130 -3.216355
0.75000 -0.129995 -0.862039 -0.134463
-0.001234 -0.157777 -3.150845
1.00000 -0.129995 -0.781426 -0.134463
-0.001234 -0.314233 -3.131303

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.248483 11.445305 0.216391
8.54E-05 0.509040 16.517462
0.25000 0.248483 31.730619 0.216391
8.54E-05 0.261041 64.074707
0.50000 0.248483 60.902566 0.216391
8.54E-05 0.044598 92.264142
0.75000 0.248483 89.116924 0.216391
8.54E-05 0.245287 73.133182
1.00000 0.248483 117.819759 0.216391
8.54E-05 0.493389 17.071264

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.165051 -119.780794 -0.200898
-0.001536 -0.505900 -74.610196
0.25000 -0.165051 -86.271432 -0.200898
-0.001536 -0.256187 -22.131197
0.50000 -0.165051 -60.864077 -0.200898
-0.001536 -0.047687 -26.944528
0.75000 -0.165051 -30.821819 -0.200898
-0.001536 -0.304457 -33.438656
1.00000 -0.165051 -7.696865 -0.200898
-0.001536 -0.570844 -82.758686

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223936 7.766448 0.270650
0.000522 0.646819 11.950829
0.25000 0.223936 21.765167 0.270650
0.000522 0.324676 44.626501
0.50000 0.223936 41.436654 0.270650
0.000522 0.034180 64.384323
0.75000 0.223936 60.644819 0.270650
0.000522 0.258773 52.161120
1.00000 0.223936 80.185537 0.270650
0.000522 0.526387 14.914164

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.173571 -82.411733 -0.216105
-0.001355 -0.548457 -54.020356
0.25000 -0.173571 -59.598760 -0.216105
-0.001355 -0.279795 -18.281593
0.50000 -0.173571 -42.301586 -0.216105
-0.001355 -0.041338 -21.548029

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4488

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.173571 -21.848997 -0.216105
-0.001355 -0.369172 -25.958720
1.00000 -0.173571 -6.105668 -0.216105
-0.001355 -0.703773 -59.525389

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.238005 6.490975 0.284343
0.000891 0.682008 10.350931
0.25000 0.238005 17.950436 0.284343
0.000891 0.340431 37.471254
0.50000 0.238005 34.430083 0.284343
0.000891 0.030636 53.870706
0.75000 0.238005 50.368773 0.284343
0.000891 0.256594 43.276316
1.00000 0.238005 66.583411 0.284343
0.000891 0.536769 13.175726

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.233163 -68.676026 -0.218575
-0.001129 -0.550322 -45.982537
0.25000 -0.233163 -49.746113 -0.218575
-0.001129 -0.278578 -16.377209
0.50000 -0.233163 -35.393138 -0.218575
-0.001129 -0.038451 -19.138293
0.75000 -0.233163 -18.421841 -0.218575
-0.001129 -0.383959 -22.849493
1.00000 -0.233163 -5.358227 -0.218575
-0.001129 -0.735891 -50.754320

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.176723 9.657088 0.103671
0.000254 0.231641 13.595198
0.25000 0.176723 26.634068 0.103671
0.000254 0.120361 53.393141
0.50000 0.176723 51.048358 0.103671
0.000254 0.036183 76.682550
0.75000 0.176723 74.661233 0.103671
0.000254 0.074156 60.247154
1.00000 0.176723 98.682919 0.103671
0.000254 0.151421 12.877374

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.035461 -99.838746 -0.063229
-8.69E-05 -0.163034 -60.256812
0.25000 -0.035461 -71.794431 -0.063229
-8.69E-05 -0.084414 -16.405451
0.50000 -0.035461 -50.530764 -0.063229
-8.69E-05 -0.034053 -20.502602
0.75000 -0.035461 -25.388102 -0.063229
-8.69E-05 -0.155045 -26.006593
1.00000 -0.035461 -6.034600 -0.063229
-8.69E-05 -0.283894 -67.351877

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.174411 8.889443 0.186481
0.000803 0.433613 12.885542
0.25000 0.174411 24.691094 0.186481
0.000803 0.218186 50.144859
0.50000 0.174411 47.415164 0.186481
0.000803 0.036099 72.154836
0.75000 0.174411 69.393301 0.186481
0.000803 0.118500 57.342371
1.00000 0.174411 91.751947 0.186481
0.000803 0.243113 13.920875

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.121181 -93.471857 -0.101160
-8.09E-05 -0.259970 -58.208284

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4489

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.121181 -67.369071 -0.101160
-8.09E-05 -0.134146 -19.640547
0.50000 -0.121181 -47.577505 -0.101160
-8.09E-05 -0.037829 -21.241362
0.75000 -0.121181 -24.175489 -0.101160
-8.09E-05 -0.261990 -26.383302
1.00000 -0.121181 -6.161845 -0.101160
-8.09E-05 -0.493777 -64.886216

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.245758 6.458345 0.257245
0.000729 0.609287 10.385967
0.25000 0.245758 17.643593 0.257245
0.000729 0.301149 36.965753
0.50000 0.245758 33.728824 0.257245
0.000729 0.030272 52.974157
0.75000 0.245758 49.286076 0.257245
0.000729 0.222053 43.217287
1.00000 0.245758 65.112671 0.257245
0.000729 0.452261 13.466110

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.181364 -67.181720 -0.185798
-0.000948 -0.471895 -44.659921
0.25000 -0.181364 -48.704831 -0.185798
-0.000948 -0.240857 -15.740875
0.50000 -0.181364 -34.695346 -0.185798
-0.000948 -0.036152 -18.413906
0.75000 -0.181364 -18.130200 -0.185798
-0.000948 -0.270534 -21.044749
1.00000 -0.181364 -2.379219 -0.185798
-0.000948 -0.669984 -49.229815

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.272089 5.471102 0.270529
0.001040 0.644408 9.081912
0.25000 0.272089 14.841089 0.270529
0.001040 0.317886 31.358470
0.50000 0.272089 28.315899 0.270529
0.001040 0.027667 44.780857
0.75000 0.272089 41.348389 0.270529
0.001040 0.238784 36.605163
1.00000 0.272089 54.606512 0.270529
0.001040 0.481964 11.778599

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.199666 -56.446387 -0.196121
-0.000790 -0.493479 -38.329609
0.25000 -0.199666 -40.968082 -0.196121
-0.000790 -0.249629 -14.182611
0.50000 -0.199666 -29.232174 -0.196121
-0.000790 -0.034230 -16.500652
0.75000 -0.199666 -15.355358 -0.196121
-0.000790 -0.364628 -19.595829
1.00000 -0.199666 -4.673714 -0.196121
-0.000790 -0.700916 -42.473652

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.117749 0.140914 0.083193
0.000663 0.202638 0.626024
0.25000 0.117749 0.162680 0.083193
0.000663 0.099278 0.691644
0.50000 0.117749 0.193980 0.083193
0.000663 0.003739 0.736141
0.75000 0.117749 0.224253 0.083193
0.000663 0.085357 0.743028
1.00000 0.117749 0.255050 0.083193
0.000663 0.166828 0.805234

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4490

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.100899 -0.384182 -0.065525
-5.29E-07 -0.159004 -1.377647
0.25000 -0.100899 -0.348228 -0.065525
-5.29E-07 -0.077542 -1.460970
0.50000 -0.100899 -0.320967 -0.065525
-5.29E-07 -0.006083 -1.607536
0.75000 -0.100899 -0.328332 -0.065525
-5.29E-07 -0.107637 -1.758175
1.00000 -0.100899 -0.263920 -0.065525
-5.29E-07 -0.211054 -1.955628

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.162414 0.528617 0.156419
0.001199 0.379606 1.595912
0.25000 0.162414 1.181577 0.156419
0.001199 0.185906 3.147531
0.50000 0.162414 2.120589 0.156419
0.001199 0.007365 4.059330
0.75000 0.162414 3.028776 0.156419
0.001199 0.138412 3.674031
1.00000 0.162414 3.952687 0.156419
0.001199 0.270523 2.480908

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.236588 -4.534663 -0.106309
-3.75E-06 -0.258102 -5.099928
0.25000 -0.236588 -3.456036 -0.106309
-3.75E-06 -0.125945 -3.583157
0.50000 -0.236588 -2.638202 -0.106309
-3.75E-06 -0.012005 -3.913628
0.75000 -0.236588 -1.671177 -0.106309
-3.75E-06 -0.203785 -4.301740
1.00000 -0.236588 -0.926811 -0.106309
-3.75E-06 -0.398236 -6.069908

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.202732 0.752663 0.220013
0.001410 0.532625 2.404535
0.25000 0.202732 1.790871 0.220013
0.001410 0.260246 5.105099
0.50000 0.202732 3.283899 0.220013
0.001410 0.010488 7.006684
0.75000 0.202732 4.727917 0.220013
0.001410 0.168452 6.759369
1.00000 0.202732 6.196935 0.220013
0.001410 0.339121 5.005749

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.185570 -7.318574 -0.137272
-5.67E-06 -0.343491 -8.226249
0.25000 -0.185570 -5.603557 -0.137272
-5.67E-06 -0.172760 -5.701014
0.50000 -0.185570 -4.303202 -0.137272
-5.67E-06 -0.017278 -6.110895
0.75000 -0.185570 -2.765631 -0.137272
-5.67E-06 -0.288034 -6.609288
1.00000 -0.185570 -1.582090 -0.137272
-5.67E-06 -0.561504 -9.300928

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.312774 6.480472 0.262295
0.001167 0.623084 10.396004
0.25000 0.312774 17.548157 0.262295
0.001167 0.308555 36.553769
0.50000 0.312774 33.464396 0.262295
0.001167 0.031101 52.165665
0.75000 0.312774 48.858174 0.262295
0.001167 0.222718 42.124245
1.00000 0.312774 64.518465 0.262295
0.001167 0.448337 12.342743

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4491

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.204982 -66.231693 -0.182147
-0.000529 -0.457520 -43.600613
0.25000 -0.204982 -47.948956 -0.182147
-0.000529 -0.231046 -15.112680
0.50000 -0.204982 -34.086682 -0.182147
-0.000529 -0.036268 -17.903877
0.75000 -0.204982 -17.695600 -0.182147
-0.000529 -0.355252 -21.605167
1.00000 -0.204982 -5.078605 -0.182147
-0.000529 -0.681288 -48.673551

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.108368 0.028086 0.279153
6.59E-06 0.685786 1.147521
0.25000 0.108368 0.034887 0.279153
6.59E-06 0.338674 1.294862
0.50000 0.108368 0.053941 0.279153
6.59E-06 0.002440 1.626554
0.75000 0.108368 0.075243 0.279153
6.59E-06 0.241897 2.081908
1.00000 0.108368 0.094109 0.279153
6.59E-06 0.490570 2.644260

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.308891 -1.019439 -0.199690
-0.001365 -0.502544 -7.553351
0.25000 -0.308891 -1.002008 -0.199690
-0.001365 -0.254307 -6.671068
0.50000 -0.308891 -0.981031 -0.199690
-0.001365 -0.016151 -5.924309
0.75000 -0.308891 -0.961284 -0.199690
-0.001365 -0.354788 -5.282532
1.00000 -0.308891 -0.950126 -0.199690
-0.001365 -0.701804 -4.770785

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.334661 12.633175 0.434510
5.78E-05 1.050792 13.475678
0.25000 0.334661 23.459329 0.434510
5.78E-05 0.531882 48.248892
0.50000 0.334661 53.794733 0.434510
5.78E-05 0.045896 73.656022
0.75000 0.334661 87.706327 0.434510
5.78E-05 0.381952 54.159668
1.00000 0.334661 117.741255 0.434510
5.78E-05 0.746953 14.596619

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.345278 -118.933793 -0.304083
-0.001628 -0.770099 -72.786112
0.25000 -0.345278 -91.183592 -0.304083
-0.001628 -0.397047 -25.253472
0.50000 -0.345278 -57.789144 -0.304083
-0.001628 -0.054926 -29.193704
0.75000 -0.345278 -26.351415 -0.304083
-0.001628 -0.577132 -34.347969
1.00000 -0.345278 -8.587480 -0.304083
-0.001628 -1.114317 -77.172033

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.314011 8.956349 0.502449
0.000428 1.219550 10.868003
0.25000 0.314011 16.643463 0.502449
0.000428 0.610273 35.751090
0.50000 0.314011 38.183124 0.502449
0.000428 0.037328 54.149125
0.75000 0.314011 62.262060 0.502449
0.000428 0.396249 40.827839
1.00000 0.314011 83.588368 0.502449
0.000428 0.790248 13.398558

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4492

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.346541 -85.391320 -0.323998
-0.001448 -0.823689 -58.790971
0.25000 -0.346541 -65.687283 -0.323998
-0.001448 -0.423854 -24.262101
0.50000 -0.346541 -41.975547 -0.323998
-0.001448 -0.055221 -26.403590
0.75000 -0.346541 -19.653179 -0.323998
-0.001448 -0.659107 -29.512460
1.00000 -0.346541 -7.039892 -0.323998
-0.001448 -1.281241 -59.471193

COMB DL-G1-4 ---------- MAX

REL DIST	T	V2 M2	V3 M3
0.00000	0.327328	7.487045	0.512983
0.000820	1.244239	9.566568	
0.25000	0.327328	13.867472	0.512983
0.000820	0.619287	30.228333	
0.50000	0.327328	31.745734	0.512983
0.000820	0.033615	45.556807	
0.75000	0.327328	51.731634	0.512983
0.000820	0.395219	34.668535	
1.00000	0.327328	69.432809	0.512983
0.000820	0.787563	12.165849	

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.408645	-71.211098	-0.321543	
-0.001207	-0.813793	-51.332252		
0.25000	-0.408645	-54.856433	-0.321543	
-0.001207	-0.416560	-22.397283		
0.50000	-0.408645	-35.175315	-0.321543	
-0.001207	-0.053715	-23.960165		
0.75000	-0.408645	-16.647394	-0.321543	
-0.001207	-0.672716	-26.407911		
1.00000	-0.408645	-6.178166	-0.321543	
-0.001207	-1.308462	-51.188595		

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.236861	8.966994	0.152651	
0.000198	0.362274	9.399968		
0.25000	0.236861	16.556183	0.152651	
0.000198	0.187456	30.232290		
0.50000	0.236861	37.821453	0.152651	
0.000198	0.032529	51.215864		
0.75000	0.236861	61.593651	0.152651	
0.000198	0.120237	37.440898		
1.00000	0.236861	82.648287	0.152651	
0.000198	0.227345	9.561216		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.034699	-83.090580	-0.093672	
-6.94E-05	-0.241432	-47.886994		
0.25000	-0.034699	-63.637550	-0.093672	
-6.94E-05	-0.128604	-14.929061		
0.50000	-0.034699	-40.227874	-0.093672	
-6.94E-05	-0.032000	-18.034325		
0.75000	-0.034699	-18.189868	-0.093672	
-6.94E-05	-0.211389	-21.937019		
1.00000	-0.034699	-5.737260	-0.093672	
-6.94E-05	-0.400193	-52.213092		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.231493	8.464115	0.276581	
0.000707	0.662904	9.583270		
0.25000	0.231493	15.706486	0.276581	
0.000707	0.333760	32.880024		
0.50000	0.231493	35.999957	0.276581	
0.000707	0.034653	49.991007		
0.75000	0.231493	58.685791	0.276581	
0.000707	0.190367	37.190367		
1.00000	0.231493	78.778252	0.276581	
0.000707	0.356408	11.021877		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4493
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.135898	-79.886839	-0.147395	
-6.62E-05	-0.378661	-50.498381		
0.25000	-0.135898	-61.322791	-0.147395	
-6.62E-05	-0.198477	-18.503417		
0.50000	-0.135898	-38.982912	-0.147395	
-6.62E-05	-0.042842	-21.003034		
0.75000	-0.135898	-17.952019	-0.147395	
-6.62E-05	-0.371616	-24.382324		
1.00000	-0.135898	-6.068482	-0.147395	
-6.62E-05	-0.714146	-52.997004		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.326787	5.667621	0.445904	
0.000643	1.081688	8.301612		
0.25000	0.326787	10.374142	0.445904	
0.000643	0.536890	23.397766		
0.50000	0.326787	23.562040	0.445904	
0.000643	0.027249	34.729723		
0.75000	0.326787	38.304637	0.445904	
0.000643	0.336704	27.071928		
1.00000	0.326787	51.361907	0.445904	
0.000643	0.677727	10.918519		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.267963	-53.139644	-0.278603	
-0.000995	-0.708553	-41.335617		
0.25000	-0.267963	-41.075628	-0.278603	
-0.000995	-0.364082	-19.646867		
0.50000	-0.267963	-26.557853	-0.278603	
-0.000995	-0.046243	-20.574816		
0.75000	-0.267963	-12.890735	-0.278603	
-0.000995	-0.562908	-25.099540		
1.00000	-0.267963	-5.168110	-0.278603	
-0.000995	-1.136225	-40.210636		

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.367175	4.830963	0.464917	
0.000983	1.127041	7.455891		
0.25000	0.367175	8.778565	0.464917	
0.000983	0.556976	20.146732		
0.50000	0.367175	19.839936	0.464917	
0.000983	0.025603	29.724355		
0.75000	0.367175	32.207313	0.464917	
0.000983	0.352321	23.393788		
1.00000	0.367175	43.157119	0.464917	
0.000983	0.706493	10.020063		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.307975	-44.794202	-0.288500	
-0.000829	-0.729119	-36.604765		
0.25000	-0.307975	-34.675488	-0.288500	
-0.000829	-0.371802	-18.277813		
0.50000	-0.307975	-22.498661	-0.288500	
-0.000829	-0.045920	-18.970104		
0.75000	-0.307975	-11.035364	-0.288500	
-0.000829	-0.607964	-20.195527		
1.00000	-0.307975	-4.557999	-0.288500	
-0.000829	-1.185372	-35.388814		

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.187881	0.175511	0.139987	
0.000692	0.338670	0.834327		
0.25000	0.187881	0.182311	0.139987	
0.000692	0.164228	0.909912		
0.50000	0.187881	0.201366	0.139987	
0.000692	0.004538	1.019404		
0.75000	0.187881	0.222667	0.139987	
0.000692	0.115254	1.153909		
1.00000	0.187881	0.241534	0.139987	
0.000692	0.227569	1.352345		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4494
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.132889	-0.398445	-0.090385	
-3.35E-07	-0.222083	-2.732168		
0.25000	-0.132889	-0.381014	-0.090385	
-3.35E-07	-0.109734	-2.597503		
0.50000	-0.132889	-0.360037	-0.090385	
-3.35E-07	-0.010764	-2.541048		
0.75000	-0.132889	-0.340290	-0.090385	
-3.35E-07	-0.163191	-2.540276		
1.00000	-0.132889	-0.329107	-0.090385	
-3.35E-07	-0.357827	-2.619366		

COMB DL-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.238075	0.469508	0.256983	
0.001238	0.621676	1.717822		
0.25000	0.238075	0.693920	0.256983	
0.001238	0.302245	2.521967		
0.50000	0.238075	1.322732	0.256983	
0.001238	0.008402	3.228759		
0.75000	0.238075	2.025673	0.256983	
0.001238	0.187921	3.250674		
1.00000	0.238075	2.648256	0.256983	
0.001238	0.372144	3.029693		

COMB DL-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.292939	-3.276389	-0.148666	
-2.32E-06	-0.367338	-7.587967		
0.25000	-0.292939	-2.701165	-0.148666	
-2.32E-06	-0.182658	-6.107949		
0.50000	-0.292939	-2.008943	-0.148666	
-2.32E-06	-0.021600	-5.817628		
0.75000	-0.292939	-1.357282	-0.148666	
-2.32E-06	-0.336646	-5.717953		
1.00000	-0.292939	-0.989059	-0.148666	
-2.32E-06	-0.656592	-6.502355		

COMB DL-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.301616	0.244194	0.340911	
0.001351	0.827401	2.568816		
0.25000	0.301616	0.250314	0.340911	
0.001351	0.403321	2.715717		
0.50000	0.301616	0.267464	0.340911	
0.001351	0.010756	3.123137		
0.75000	0.301616	0.286635	0.340911	
0.001351	0.231593	3.908006		
1.00000	0.301616	0.303614	0.340911	
0.001351	0.469826	4.945090		

COMB DL-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.241465	-1.521759	-0.191411	
-3.01E-06	-0.481349	-10.597003		
0.25000	-0.241465	-1.016071	-0.191411	
-3.01E-06	-0.243140	-9.566133		
0.50000	-0.241465	-1.487192	-0.191411	
-3.01E-06	-0.029708	-8.772464		
0.75000	-0.241465	-1.469419	-0.191411	
-3.01E-06	-0.442857	-8.180089		
1.00000	-0.241465	-1.459377	-0.191411	
-3.01E-06	-0.866789	-7.783498		

COMB DL-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.423361	5.310705	0.433880	
0.001121	1.050109	7.807271		
0.25000	0.423361	9.594924	0.433880	
0.001121	0.518925	21.536419		
0.50000	0.423361	21.599512	0.433880	
0.001121	0.027474	31.809727		
0.75000	0.423361	35.019301	0.433880	
0.001121	0.393488	24.725949		
1.00000	0.423361	46.904983	0.433880	
0.001121	0.655499	10.059673		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4495
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.279066	-48.321989	-0.267136	
-0.000536	-0.674017	-37.265529		
0.25000	-0.279066	-37.340440	-0.267136	
-0.000536	-0.343780	-17.720136		
0.50000	-0.279066	-24.125301	-0.267136	
-0.000536	-0.045500	-18.728703		
0.75000	-0.279066	-11.684491	-0.267136	
-0.000536	-0.569591	-20.361900		
1.00000	-0.279066	-4.654793	-0.267136	
-0.000536	-1.108527	-36.966362		

COMB DB ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.312774	11.445305	0.284343	
0.001410	0.682008	16.517462		
0.25000	0.312774	31.730619	0.284343	
0.001410	0.340431	64.074707		
0.50000	0.312774	60.902566	0.284343	
0.001410	0.044598	92.264442		
0.75000	0.312774	89.116924	0.284343	
0.001410	0.265904	73.133182		
1.00000	0.312774	117.819759	0.284343	
0.001410	0.536769	17.071264		

COMB DB ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.236588	-119.780794	-0.218575	
-0.001536	-0.650322	-74.610196		
0.25000	-0.236588	-86.271432	-0.218575	
-0.001536	-0.279795	-22.131197		
0.50000	-0.236588	-60.864077	-0.218575	
-0.001536	-0.047687	-26.944528		
0.75000	-0.236588	-30.821819	-0.218575	
-0.001536	-0.383959	-33.438656		
1.00000	-0.236588	-7.696865	-0.218575	
-0.001536	-0.735891	-82.758686		

COMB DL ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.423361	12.633175	0.512983	
0.001351	1.244239	13.475678		
0.25000	0.423361	23.459329	0.512983	
0.001351	0.619287	48.248892		
0.50000	0.423361	53.794733	0.512983	
0.001351	0.045896	73.656022		
0.75000	0.423361	87.706327	0.512983	
0.001351	0.396249	54.159668		
1.00000	0.423361	117.741255	0.512983	
0.001351	0.790248	14.596619		

COMB DL ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.408645	-118.933793	-0.323998	
-0.001628	-0.823689	-72.786112		
0.25000	-0.408645	-91.183592	-0.323998	
-0.001628	-0.423854	-25.253472		
0.50000	-0.408645	-57.789144	-0.323998	
-0.001628	-0.055221	-29.193704		
0.75000	-0.408645	-26.351415	-0.323998	
-0.001628	-0.672716	-34.347969		
1.00000	-0.408645	-8.587480	-0.323998	
-0.001628	-1.308462	-77.172033		

COMB CAR ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.423361	12.633175	0.512983	
0.001410	1.244239	16.517462		
0.25000	0.423361	31.730619	0.512983	
0.001410	0.619287	64.074707		
0.50000	0.423361	60.902566	0.512983	
0.001410	0.045896	92.264442		
0.75000	0.423361	89.116924	0.512983	
0.001410	0.396249	73.133182		
1.00000	0.423361	117.819759	0.512983	
0.001410	0.790248	17.071264		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4496
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.408645	-119.780794	-0.323998	
-0.001628	-0.823689	-74.610196		
0.25000	-0.408645	-91.183592	-0.323998	
-0.001628	-0.423854	-25.253472		
0.50000	-0.408645	-60.864077	-0.323998	
-0.001628	-0.055221	-29.193704		
0.75000	-0.408645	-30.821819	-0.323998	
-0.001628	-0.672716	-34.347969		
1.00000	-0.408645	-8.587480	-0.323998	
-0.001628	-1.308462	-82.758686		

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.423361	12.633175	0.512983	
0.001410	1.244239	16.517462		
0.25000	0.423361	31.730619	0.512983	
0.001410	0.619287	64.074707		
0.50000	0.423361	60.902566	0.512983	
0.001410	0.045896	92.264442		
0.75000	0.423361	89.116924	0.512983	
0.001410	0.396249	73.133182		
1.00000	0.423361	117.819759	0.512983	
0.001410	0.790248	17.071264		

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.408645	-119.780794	-0.323998	
-0.001628	-0.823689	-74.610196		
0.25000	-0.408645	-91.183592	-0.323998	
-0.001628	-0.423854	-25.253472		
0.50000	-0.408645	-60.864077	-0.323998	
-0.001628	-0.055221	-29.193704		
0.75000	-0.408645	-30.821819	-0.323998	
-0.001628	-0.672716	-34.347969		
1.00000	-0.408645	-8.587480	-0.323998	
-0.001628	-1.308462	-82.758686		

ELEM 436 ========== LENGTH = 4.972683

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.088766	0.076357	0.125176	
6.27E-06	0.314198	2.653987		
0.25000	0.088766	0.100028	0.125176	
6.27E-06	0.158695	2.990587		
0.50000	0.088766	0.131424	0.125176	
6.27E-06	0.011474	3.448469		
0.75000	0.088766	0.161001	0.125176	
6.27E-06	0.153232	4.043450		
1.00000	0.088766	0.192189	0.125176	
6.27E-06	0.311658	4.685045		

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.050069	-0.840962	-0.127466	
-0.001255	-0.322192	-3.100152		
0.25000	-0.050069	-0.809383	-0.127466	
-0.001255	-0.163808	-2.928885		
0.50000	-0.050069	-0.779859	-0.127466	
-0.001255	-0.008538	-2.812222		
0.75000	-0.050069	-0.748398	-0.127466	
-0.001255	-0.153050	-2.696248		
1.00000	-0.050069	-0.724449	-0.127466	
-0.001255	-0.308561	-2.633477		

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.126765	10.856797	0.225739	
5.82E-05	0.559750	17.016032		
0.25000	0.126765	32.918742	0.225739	
5.82E-05	0.296088	71.682211		
0.50000	0.126765	62.179868	0.225739	
5.82E-05	0.063864	98.417048		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4497
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.75000	0.126765	89.744176	0.225739	
5.82E-05	0.217454	76.927898		
1.00000	0.126765	118.812734	0.225739	
5.82E-05	0.445505	20.419748		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.125937	7.496661	0.282132	
0.000430	0.703887	14.851838		
0.25000	0.125937	22.516301	0.282132	
0.000430	0.364865	52.306924		
0.50000	0.125937	42.437099	0.282132	
0.000430	0.056802	70.934132		
0.75000	0.125937	61.203109	0.282132	
0.000430	0.218706	56.975145		
1.00000	0.125937	80.992414	0.282132	
0.000430	0.448315	19.323423		

COMB DB-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.142947	-82.523407	-0.186760	
-0.001391	-0.480440	-59.500585		
0.25000	-0.142947	-62.486821	-0.186760	
-0.001391	-0.254507	-24.735066		
0.50000	-0.142947	-43.753928	-0.186760	
-0.001391	-0.046603	-24.607113		
0.75000	-0.142947	-23.791934	-0.186760	
-0.001391	-0.361352	-24.912927		
1.00000	-0.142947	-8.595957	-0.186760	
-0.001391	-0.711909	-58.965349		

COMB DB-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.141219	6.254684	0.295770	
0.000818	0.739509	13.116147		
0.25000	0.141219	18.777289	0.295770	
0.000818	0.381604	44.317137		
0.50000	0.141219	35.247814	0.295770	
0.000818	0.051507	59.966761		
0.75000	0.141219	50.819609	0.295770	
0.000818	0.236068	48.639260		
1.00000	0.141219	67.240522	0.295770	
0.000818	0.481202	17.711675		

COMB DB-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.163613	-68.752222	-0.198413	
-0.001159	-0.505492	-50.734304		
0.25000	-0.163613	-52.126219	-0.198413	
-0.001159	-0.263976	-21.875065		
0.50000	-0.163613	-36.581903	-0.198413	
-0.001159	-0.043388	-21.758018		
0.75000	-0.163613	-20.017695	-0.198413	
-0.001159	-0.374487	-22.001169		
1.00000	-0.163613	-7.408268	-0.198413	
-0.001159	-0.742007	-50.246975		

COMB DB-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.029532	9.115378	0.109068	
0.000199	0.268192	12.836733		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4498
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.055179	-100.097601	-0.048673	
-0.000195	-0.128411	-67.369254		
0.25000	-0.055179	-75.466337	-0.048673	
-0.000195	-0.075479	-24.835844		
0.50000	-0.055179	-52.437721	-0.048673	
-0.000195	-0.040756	-24.883044		
0.75000	-0.055179	-27.898154	-0.048673	
-0.000195	-0.154067	-25.463840		
1.00000	-0.055179	-9.217520	-0.048673	
-0.000195	-0.289625	-67.529829		

COMB DB-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.046905	8.497641	0.194845	
0.000694	0.484404	13.870108		
0.25000	0.046905	25.683234	0.194845	
0.000694	0.255484	56.399200		
0.50000	0.046905	48.476772	0.194845	
0.000694	0.052217	77.262717		
0.75000	0.046905	69.948991	0.194845	
0.000694	0.089132	60.634185		
1.00000	0.046905	92.592073	0.194845	
0.000694	0.185675	16.793815		

COMB DB-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.120963	-93.640945	-0.079094	
-9.27E-05	-0.207695	-64.895477		
0.25000	-0.120963	-70.714921	-0.079094	
-9.27E-05	-0.116331	-25.256694		
0.50000	-0.120963	-49.280595	-0.079094	
-9.27E-05	-0.044815	-25.250494		
0.75000	-0.120963	-26.439921	-0.079094	
-9.27E-05	-0.256818	-25.740612		
1.00000	-0.120963	-9.052562	-0.079094	
-9.27E-05	-0.498955	-64.844078		

COMB DB-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.109181	6.235005	0.268934	
0.000630	0.671854	13.402030		
0.25000	0.109181	18.399848	0.268934	
0.000630	0.347064	43.707712		
0.50000	0.109181	34.534282	0.268934	
0.000630	0.050545	58.885692		
0.75000	0.109181	49.733419	0.268934	
0.000630	0.185788	47.807702		
1.00000	0.109181	65.761352	0.268934	
0.000630	0.383425	17.702624		

COMB DB-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.148379	-67.233717	-0.159787	
-0.000986	-0.411345	-49.209094		
0.25000	-0.148379	-51.005557	-0.159787	
-0.000986	-0.217596	-21.028041		
0.50000	-0.148379	-35.833242	-0.159787	
-0.000986	-0.041193	-20.900984		
0.75000	-0.148379	-19.665442	-0.159787	
-0.000986	-0.341688	-21.125246		
1.00000	-0.148379	-7.357779	-0.159787	
-0.000986	-0.675829	-48.682055		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4499
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.138616	5.234596	0.281995	
0.000982	0.705923	11.717712		
0.25000	0.138616	15.425226	0.281995	
0.000982	0.363412	37.300877		
0.50000	0.138616	28.941229	0.281995	
0.000982	0.045981	50.212139		
0.75000	0.138616	41.673722	0.281995	

```
 0.000982    0.213166   41.139563
 1.00000     0.138616   55.100508     0.281995
 0.000982    0.434052   16.136303

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.168607  -56.520813   -0.178754
-0.000821  -0.454999  -42.459401
0.25000   -0.168607  -42.926249   -0.178754
-0.000821  -0.236865  -18.852933
0.50000   -0.168607  -30.216225   -0.178754
-0.000821  -0.038821  -18.748013
0.75000   -0.168607  -16.672271   -0.178754
-0.000821  -0.354705  -18.938143
1.00000   -0.168607   -6.361999   -0.178754
-0.000821  -0.705095  -42.025031

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.081278    0.046991    0.085752
0.000709    0.216419    0.794304
0.25000    0.081278    0.070663    0.085752
0.000709    0.109922    1.107388
0.50000    0.081278    0.102059    0.085752
0.000709    0.005679    1.426872
0.75000    0.081278    0.131635    0.085752
0.000709    0.092211    1.726624
1.00000    0.081278    0.162824    0.085752
0.000709    0.182515    2.009952

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.082214   -0.439960   -0.072629
-5.65E-07  -0.178648   -1.961693
0.25000   -0.082214   -0.408381   -0.072629
-5.65E-07  -0.088355   -1.915498
0.50000   -0.082214   -0.378858   -0.072629
-5.65E-07  -0.006782   -1.924166
0.75000   -0.082214   -0.347397   -0.072629
-5.65E-07  -0.103527   -1.935081
1.00000   -0.082214   -0.323447   -0.072629
-5.65E-07  -0.210087   -1.999315

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.111222    0.450275    0.161562
0.001231    0.407099    2.460061
0.25000    0.111222    1.160423    0.161562
0.001231    0.206958    4.505991
0.50000    0.111222    2.102305    0.161562
0.001231    0.013179    5.862681
0.75000    0.111222    2.989587    0.161562
0.001231    0.148687    5.812517
1.00000    0.111222    3.925251    0.161562
0.001231    0.294439    4.756095

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.136510   -4.531601   -0.117228
-4.25E-06  -0.288505   -6.074635
0.25000   -0.136510   -3.584244   -0.117228
-4.25E-06  -0.143052   -4.423267
0.50000   -0.136510   -2.698528   -0.117228
-4.25E-06  -0.013493   -4.409877
0.75000   -0.136510   -1.754699   -0.117228
-4.25E-06  -0.196300   -4.418676
1.00000   -0.136510   -1.036213   -0.117228
-4.25E-06  -0.397072   -6.023410
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4500

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.113488    0.747177    0.227810
0.001358    0.573336    4.964402
0.25000    0.113488    1.876313    0.227810
0.001358    0.291250    8.204105
0.50000    0.113488    3.373905    0.227810
0.001358    0.022261   10.273130
0.75000    0.113488    4.784684    0.227810
0.001358    0.153700   10.178755
1.00000    0.113488    6.272390    0.227810
0.001358    0.312435    8.503010

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.178564   -7.301052   -0.128121
-6.46E-06  -0.324688   -9.293964
0.25000   -0.178564   -5.794756   -0.128121
-6.46E-06  -0.165775   -6.609805
0.50000   -0.178564   -4.386467   -0.128121
-6.46E-06  -0.019370   -6.529862
0.75000   -0.178564   -2.885778   -0.128121
-6.46E-06  -0.277590   -6.484051
1.00000   -0.178564   -1.743386   -0.128121
-6.46E-06  -0.560672   -8.975477

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.139695    6.132717    0.273148
0.001125    0.683378   12.281899
0.25000    0.139695   18.169733    0.273148
 0.001125    0.353267   42.390627
0.50000    0.139695   34.134828    0.273148
 0.001125    0.048290   57.445170
0.75000    0.139695   49.174055    0.273148
 0.001125    0.200446   46.419960
1.00000    0.139695   65.033569    0.273148
 0.001125    0.407368   16.481559

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.180089  -66.367726   -0.167453
-0.000556  -0.425535   -48.671276
0.25000   -0.180089   -50.310036   -0.167453
-0.000556  -0.222289   -2.092078
0.50000   -0.180089   -35.297151   -0.167453
-0.000556  -0.041752   -20.788567
0.75000   -0.180089   -19.299240   -0.167453
-0.000556  -0.345721   -21.075952
1.00000   -0.180089    -7.120904   -0.167453
-0.000556  -0.685118   -48.408706

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.135506    0.084372    0.277496
5.16E-06   0.698790    2.595585
0.25000    0.135506    0.092324    0.277496
5.16E-06   0.353814    2.943870
0.50000    0.135506    0.111522    0.277496
5.16E-06   0.012539    3.426431
0.75000    0.135506    0.132477    0.277496
5.16E-06   0.216139    4.048546
1.00000    0.135506    0.150883    0.277496
5.16E-06   0.443982    4.788041

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.081955   -0.935488   -0.182874
-0.001318  -0.465802   -4.744882
0.25000   -0.081955   -0.917180   -0.182874
-0.001318  -0.238073   -4.170786
0.50000   -0.081955   -0.896244   -0.182874
-0.001318  -0.011663   -3.748852
0.75000   -0.081955   -0.876987   -0.182874
-0.001318  -0.335919   -3.499531
1.00000   -0.081955   -0.868632   -0.182874
-0.001318  -0.680709   -3.377559
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4501

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.182830   12.249283    0.433431
 4.62E-05   1.087924   14.518155
0.25000    0.182830   24.908991    0.433431
 4.62E-05   0.569425   54.535498
0.50000    0.182830   55.471767    0.433431
 4.62E-05   0.067003   78.638076
0.75000    0.182830   88.832272    0.433431
 4.62E-05   0.332416   57.569212
1.00000    0.182830  118.133627    0.433431
 4.62E-05   0.654301   19.205228

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.153123 -119.781902   -0.272100
-0.001635  -0.718041   -77.175090
0.25000   -0.153123   -90.636040   -0.272100
-0.001635  -0.338193   -31.372091
0.50000   -0.153123   -57.306033   -0.272100
-0.001635  -0.050372   -31.134516
0.75000   -0.153123   -26.648746   -0.272100
-0.001635  -0.547280   -31.210357
1.00000   -0.153123   -13.347681   -0.272100
-0.001635  -1.080978   -75.126063

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.184232    8.795553    0.502119
0.000351    1.263345   13.316266
0.25000    0.184232   17.784582    0.502119
 0.000351    0.653688   42.024714
0.50000    0.184232   39.485689    0.502119
0.000351    0.061492   59.625437
0.75000    0.184232   63.173324    0.502119
0.000351    0.335464   45.364257
1.00000    0.184232   83.978758    0.502119
0.000351    0.670966   18.924160

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.209110   -85.943372   -0.279641
-0.001434  -0.735216   -59.483667
0.25000   -0.209110   -65.248345   -0.279641
-0.001434  -0.387447   -26.440652
0.50000   -0.209110   -41.582365   -0.279641
-0.001434  -0.047993   -25.921869
0.75000   -0.209110   -19.814151   -0.279641
-0.001434  -0.622413   -25.179702
1.00000   -0.209110   -10.369726   -0.279641
-0.001434  -1.242721   -56.847372

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.209816    7.338995    0.520189
0.000753    1.306276   12.098421
0.25000    0.209816   14.800032    0.520189
 0.000753    0.671694   36.096477
0.50000    0.209816   32.812296    0.520189
 0.000753    0.056403   50.953382
0.75000    0.209816   52.473411    0.520189
 0.000753    0.344235   39.433977
1.00000    0.209816   69.742252    0.520189
 0.000753    0.688126   17.811178

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.257318   -71.656534   -0.285014
-0.001195  -0.741768   -51.215248
0.25000   -0.257318   -54.479332   -0.285014
-0.001195  -0.387520   -23.676283
0.50000   -0.257318   -34.836197   -0.285014
-0.001195  -0.045711   -23.208363
0.75000   -0.257318   -16.768227   -0.285014
-0.001195  -0.644626   -23.088315
1.00000   -0.257318    -8.929204   -0.285014
-0.001195  -1.288055   -48.848507
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4502

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.037409    8.666780    0.151098
0.000159    0.379463    9.532037
0.25000    0.037409   17.541299    0.151098
 0.000159    0.205897   37.364233
0.50000    0.037409   38.965959    0.151098
 0.000159    0.042659   54.013213
0.75000    0.037409   62.351840    0.151098
 0.000159    0.308159   39.061154
1.00000    0.037409   82.892237    0.151098
 0.000159    0.174794   11.970684

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.084103   -83.738480   -0.075047
-0.000184  -0.211623   -52.240166
0.25000   -0.084103   -63.307084   -0.075047
-0.000184  -0.118709   -20.349459
0.50000   -0.084103   -39.942582   -0.075047
-0.000184  -0.030843   -20.362828
0.75000   -0.084103   -18.415669   -0.075047
-0.000184  -0.197358   -20.534387
1.00000   -0.084103    -9.127556   -0.075047
-0.000184  -0.381896   -51.383327

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.067714    8.276142    0.279087
0.000606    0.701094   10.987822
0.25000    0.067714   16.745105    0.279087
 0.000606    0.367923   37.829420
0.50000    0.067714   37.190680    0.279087
 0.000606    0.050486   54.159284
0.75000    0.067714   59.507852    0.279087
 0.000606    0.143797   40.351902
1.00000    0.067714   79.109575    0.279087
 0.000606    0.277674   14.984699

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.165093   -80.449722   -0.118059
-7.74E-05  -0.322215   -53.043027
0.25000   -0.165093   -60.952019   -0.118059
-7.74E-05  -0.175650   -22.297280
0.50000   -0.165093   -38.655249   -0.118059
-7.74E-05  -0.038424   -22.141110
0.75000   -0.165093   -18.146448   -0.118059
-7.74E-05  -0.352204   -22.229984
1.00000   -0.165093    -9.248437   -0.118059
-7.74E-05  -0.695807   -51.602967

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.156370    5.623017    0.447681
0.000551    1.127619   10.847175
0.25000    0.156370   11.126650    0.447681
0.000551    0.579977   28.463786
0.50000    0.156370   24.413394    0.447681
0.000551    0.048391   39.498436
0.75000    0.156370   38.916413    0.447681
0.000551    0.281344   31.450607
1.00000    0.156370   51.654772    0.447681
0.000551    0.568598   16.017650

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.216975   -53.461391   -0.238082
-0.000990  -0.622814   -40.220873
0.25000   -0.216975   -40.779650   -0.238082
-0.000990  -0.326624   -19.677256
0.50000   -0.216975   -26.300870   -0.238082
-0.000990  -0.038858   -19.156373
0.75000   -0.216975   -12.973038   -0.238082
-0.000990  -0.549725   -18.727481
1.00000   -0.216975    -7.190584
-0.000990  -1.103962   -37.479955
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4503

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.202588    4.731690    0.475101
0.000935    1.193281    9.963594
0.25000    0.202588    9.347871    0.475101
0.000935    0.610254   24.938911
0.50000    0.202588   20.492150    0.475101
0.000935    0.134357   34.450410
0.75000    0.202588   32.656580    0.475101
0.000935    0.307177   27.964080
1.00000    0.202588   43.340900    0.475101
0.000935    0.618354   15.284031

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.280050   -45.092655   -0.256145
-0.000824  -0.662212   -35.414776
0.25000   -0.280050   -34.465034   -0.256145
-0.000824  -0.343741   -18.120357
0.50000   -0.280050   -22.311724   -0.256145
-0.000824  -0.038200   -17.677720
0.75000   -0.280050   -11.132984   -0.256145
-0.000824  -0.584986   -17.321748
1.00000   -0.280050    -6.282941   -0.256145
-0.000824  -1.173739   -33.052199

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.121989    0.053822    0.153456
0.000745    0.381785    1.357082
0.25000    0.121989    0.061774    0.153456
0.000745    0.190491    1.679385
0.50000    0.121989    0.080972    0.153456
0.000745    0.007564    2.074144
0.75000    0.121989    0.101927    0.153456
0.000745    0.116859    2.462381
1.00000    0.121989    0.120332    0.153456
0.000745    0.232568    2.847166

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.169706   -0.472945   -0.093158
-3.51E-07  -0.230998   -2.641940
0.25000   -0.169706   -0.454637   -0.093158
-3.51E-07  -0.115272   -2.537563
0.50000   -0.169706   -0.433702   -0.093158
-3.51E-07  -0.008944   -2.535759
0.75000   -0.169706   -0.414444   -0.093158
-3.51E-07  -0.178514   -2.647731
1.00000   -0.169706   -0.406089   -0.093158
-3.51E-07  -0.382245   -2.578482

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.170852    0.374027    0.277562
0.001257    0.691799    3.032601
0.25000    0.170852    0.636446    0.277562
0.001257    0.346856    4.330995
0.50000    0.170852    1.269971    0.277562
0.001257    0.015864    5.483885
0.75000    0.170852    1.961489    0.277562
0.001257    0.186408    5.845846
1.00000    0.170852    2.568866    0.277562
0.001257    0.371491    5.881733

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.254824   -3.321211   -0.149390
-2.67E-06  -0.372314   -6.544077
0.25000   -0.254824   -2.717057   -0.149390
-2.67E-06  -0.166819   -5.349917
0.50000   -0.254824   -2.028171   -0.149390
-2.67E-06  -0.016838   -5.258243
0.75000   -0.254824   -1.390687   -0.149390
-2.67E-06  -0.344149   -5.234774
1.00000   -0.254824   -1.114974   -0.149390
-2.67E-06  -0.689584   -6.119487
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4504

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.171159    0.245968    0.356936
0.001313    0.895161    4.928028
0.25000    0.171159    0.253125    0.356936
0.001313    0.451158    5.495418
0.50000    0.171159    0.270403    0.356936
0.001313    0.023389    6.402217
0.75000    0.171159    0.289262    0.356936
0.001313    0.258822    7.670127
1.00000    0.171159    0.305827    0.356936
0.001313    0.419432    9.029007

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.296581   -1.540181   -0.172580
-3.07E-06  -0.438360   -7.832098
0.25000   -0.296581   -1.523704   -0.172580
-3.07E-06  -0.223560   -7.177780
0.50000   -0.296581   -1.504862   -0.172580
-3.07E-06  -0.022943   -6.828418
0.75000   -0.296581   -1.487530   -0.172580
-3.07E-06  -0.435792   -6.663811
1.00000   -0.296581   -1.480011   -0.172580
-3.07E-06  -0.879953   -6.565491

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.205020    5.139444    0.446701
0.001090    1.120953   10.014341
0.25000    0.205020   10.149253    0.446701
 0.001090    0.573300   26.196873
0.50000    0.205020   22.243819    0.446701
 0.001090    0.045726   36.387914
0.75000    0.205020   35.445526    0.446701
 0.001090    0.288409   29.166080
1.00000    0.205020   47.040911    0.446701
 0.001090    0.578530   15.181433

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.307044   -48.695607   -0.239293
-0.000539  -0.618593   -37.005338
0.25000   -0.307044   -37.161754   -0.239293
-0.000539  -0.321122   -18.409781
0.50000   -0.307044   -23.972116   -0.239293
-0.000539  -0.038560   -18.105467
0.75000   -0.307044   -11.840149   -0.239293
-0.000539  -0.552393   -17.951110
1.00000   -0.307044    -6.576537   -0.239293
-0.000539  -1.106052   -35.214475

COMB DB ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.141219   10.856797    0.295770
 0.001358    0.739509   17.016032
0.25000    0.141219   32.918742    0.295770
 0.001358    0.381604   71.682211
0.50000    0.141219   62.179868    0.295770
 0.001358    0.063864   98.417048
0.75000    0.141219   89.744756    0.295770
 0.001358    0.236068   76.927898
1.00000    0.141219  118.812734    0.295770
 0.001358    0.481202   20.419748

COMB DB ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.180089 -120.047789   -0.198413
-0.001604  -0.505492   -82.750860
0.25000   -0.180089   -90.616586   -0.198413
-0.001604  -0.263976   -31.834519
0.50000   -0.180089   -63.100343   -0.198413
-0.001604  -0.054817   -31.796420
0.75000   -0.180089   -33.778706   -0.198413
-0.001604  -0.374487   -32.395555
1.00000   -0.180089   -11.457744   -0.198413
-0.001604  -0.742007   -82.564299
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4505

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.209816   12.249283    0.520189
 0.001313    1.306276   14.518155
0.25000    0.209816   24.908991    0.520189
 0.001313    0.671694   54.535498
0.50000    0.209816   55.471767    0.520189
 0.001313    0.067003   78.638076
0.75000    0.209816   88.832272    0.520189
 0.001313    0.344235   57.569212
1.00000    0.209816  118.133627    0.520189
 0.001313    0.688126   19.205228

COMB DL ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.307044 -119.781902   -0.285014
-0.001635  -0.741768   -77.175090
0.25000   -0.307044   -90.636040   -0.285014
-0.001635  -0.387520   -31.372091
0.50000   -0.307044   -57.306033   -0.285014
-0.001635  -0.050372   -31.134516
0.75000   -0.307044   -26.648746   -0.285014
-0.001635  -0.644626   -31.210357
1.00000   -0.307044   -13.347681   -0.285014
-0.001635  -1.288055   -75.126063

COMB CAR ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.209816   12.249283    0.520189
 0.001358    1.306276   17.016032
0.25000    0.209816   32.918742    0.520189
 0.001358    0.671694   71.682211
0.50000    0.209816   62.179868    0.520189
 0.001358    0.067003   98.417048
0.75000    0.209816   89.744756    0.520189
 0.001358    0.344235   76.927898
1.00000    0.209816  118.812734    0.520189
 0.001358    0.688126   20.419748

COMB CAR ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.307044 -120.047789   -0.285014
-0.001635  -0.741768   -82.750860
0.25000   -0.307044   -90.636040   -0.285014
-0.001635  -0.387520   -31.834519
0.50000   -0.307044   -63.100343   -0.285014
-0.001635  -0.054817   -31.796420
0.75000   -0.307044   -33.778706   -0.285014
-0.001635  -0.644626   -32.395555
1.00000   -0.307044   -13.347681   -0.285014
-0.001635  -1.288055   -82.564299

COMB DESIGN ------------------ MAX

REL DIST          P          V2          V3
      T         M2          M3
0.00000    0.209816   12.249283    0.520189
 0.001358    1.306276   17.016032
0.25000    0.209816   32.918742    0.520189
 0.001358    0.671694   71.682211
0.50000    0.209816   62.179868    0.520189
 0.001358    0.067003   98.417048
0.75000    0.209816   89.744756    0.520189
 0.001358    0.344235   76.927898
1.00000    0.209816  118.812734    0.520189
 0.001358    0.688126   20.419748

COMB DESIGN ------------------ MIN

REL DIST          P          V2          V3
      T         M2          M3
0.00000   -0.307044 -120.047789   -0.285014
-0.001635  -0.741768   -82.750860
0.25000   -0.307044   -90.636040   -0.285014
-0.001635  -0.387520   -31.834519
0.50000   -0.307044   -63.100343   -0.285014
-0.001635  -0.054817   -31.796420
0.75000   -0.307044   -33.778706   -0.285014
-0.001635  -0.644626   -32.395555
1.00000   -0.307044   -13.347681   -0.285014
-0.001635  -1.288055   -82.564299
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                >
                                    4506

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      437 ================== LENGTH
=    4.972882
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COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132426	0.101015	0.118893
4.51E-06	0.297967	4.666020	
0.25000	0.132426	0.124797	0.118893
4.51E-06	0.150153	5.012983	
0.50000	0.132426	0.156195	0.118893
4.51E-06	0.017388	5.500417	
0.75000	0.132426	0.185722	0.118893
4.51E-06	0.142328	6.114953	
1.00000	0.132426	0.216948	0.118893
4.51E-06	0.288706	6.772557	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024362	-0.851533	-0.117756
-0.001134	-0.296881	-2.607889	
0.25000	-0.024362	-0.820237	-0.117756
-0.001134	-0.150479	-2.491386	
0.50000	-0.024362	-0.790719	-0.117756
-0.001134	-0.007165	-2.428777	
0.75000	-0.024362	-0.759315	-0.117756
-0.001134	-0.145520	-2.367526	
1.00000	-0.024362	-0.735429	-0.117756
-0.001134	-0.293330	-2.359826	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165298	10.869448	0.204717
5.36E-05	0.523800	20.358088	
0.25000	0.165298	33.034012	0.204717
5.36E-05	0.222290	78.087722	
0.50000	0.165298	62.296898	0.204717
5.36E-05	0.074508	102.060529	
0.75000	0.165298	89.815707	0.204717
5.36E-05	0.197339	80.436521	
1.00000	0.165298	118.918393	0.204717
5.36E-05	0.395521	23.926454	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103042	-120.081708	-0.162512
-0.001492	-0.414296	-82.565155	
0.25000	-0.103042	-90.913673	-0.162512
-0.001492	-0.221607	-31.736230	
0.50000	-0.103042	-63.403606	-0.162512
-0.001492	-0.051766	-31.034409	
0.75000	-0.103042	-34.134701	-0.162512
-0.001492	-0.271966	-31.350339	
1.00000	-0.103042	-11.873116	-0.162512
-0.001492	-0.526429	-81.575858	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.159400	7.536048	0.251241
0.000366	0.644931	19.248518	
0.25000	0.159400	22.625550	0.251241
0.000366	0.342137	58.789199	
0.50000	0.159400	42.547547	0.251241
0.000366	0.070591	75.569311	
0.75000	0.159400	61.282187	0.251241
0.000366	0.281402	61.540666	
1.00000	0.159400	81.095121	0.251241
0.000366	0.415282	23.909966	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162543	-82.562465	-0.168974
-0.001458	-0.426152	-58.952946	
0.25000	-0.162543	-62.705043	-0.168974
-0.001458	-0.222440	-24.305481	
0.50000	-0.162543	-43.976354	-0.168974
-0.001458	-0.043511	-23.784305	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4507

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.162543	-24.050259	-0.168974
-0.001458	-0.315817	-23.956082	
1.00000	-0.162543	-8.894706	-0.168974
-0.001458	-0.628049	-58.106007	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.175806	6.281190	0.261087
0.000708	0.671408	17.640914	
0.25000	0.175806	18.802265	0.261087
0.000708	0.354829	50.608835	
0.50000	0.175806	35.333284	0.261087
0.000708	0.066108	64.754560	
0.75000	0.175806	50.879049	0.261087
0.000708	0.230203	53.375141	
1.00000	0.175806	67.319569	0.261087
0.000708	0.458990	22.464818	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.198296	-68.789998	-0.185768
-0.001215	-0.465772	-50.240381	
0.25000	-0.198296	-52.312562	-0.185768
-0.001215	-0.240112	-21.485978	
0.50000	-0.198296	-36.771736	-0.185768
-0.001215	-0.040340	-21.049139	
0.75000	-0.198296	-20.237317	-0.185768
-0.001215	-0.322321	-21.187509	
1.00000	-0.198296	-7.661432	-0.185768
-0.001215	-0.646723	-49.520513	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023612	9.114192	0.096473
0.000168	0.253415	14.381684	
0.25000	0.023612	27.663934	0.096473
0.000168	0.101548	62.494730	
0.50000	0.023612	52.154332	0.096473
0.000168	0.052321	82.254680	
0.75000	0.023612	75.185095	0.096473
0.000168	0.038004	63.758071	
1.00000	0.023612	99.541421	0.096473
0.000168	0.075896	16.057589	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101548	-100.120915	-0.033056
-0.000272	-0.089814	-67.551200	
0.25000	-0.101548	-75.709899	-0.033056
-0.000272	-0.056549	-25.058293	
0.50000	-0.101548	-52.686451	-0.033056
-0.000272	-0.039142	-24.517153	
0.75000	-0.101548	-28.191016	-0.033056
-0.000272	-0.133107	-24.827515	
1.00000	-0.101548	-9.560076	-0.033056
-0.000272	-0.252955	-66.907706	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057338	8.508097	0.170141
0.000595	0.443772	16.733233	
0.25000	0.057338	25.773626	0.170141
0.000595	0.239102	61.678217	
0.50000	0.057338	48.568535	0.170141
0.000595	0.062092	80.417400	
0.75000	0.057338	70.004861	0.170141
0.000595	0.091403	63.682224	
1.00000	0.057338	92.674979	0.170141
0.000595	0.176923	19.846987	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178375	-93.676893	-0.071199
-0.000303	-0.178464	-64.861981	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4508

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.178375	-70.955870	-0.071199
-0.000303	-0.097247	-25.291263	
0.50000	-0.178375	-49.526354	-0.071199
-0.000303	-0.042586	-24.767997	
0.75000	-0.178375	-26.726756	-0.071199
-0.000303	-0.216101	-25.037286	
1.00000	-0.178375	-9.385651	-0.071199
-0.000303	-0.427450	-64.184646	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.134103	6.276675	0.235477
0.000539	0.610925	17.626122	
0.25000	0.134103	18.498101	0.235477
0.000539	0.323343	49.639061	
0.50000	0.134103	34.633505	0.235477
0.000539	0.064165	63.329293	
0.75000	0.134103	49.807235	0.235477
0.000539	0.178959	52.191855	
1.00000	0.134103	65.854306	0.235477
0.000539	0.356806	22.103622	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193431	-67.273106	-0.144750
-0.001109	-0.363955	-48.673584	
0.25000	-0.193431	-51.190002	-0.144750
-0.001109	-0.189227	-20.606276	
0.50000	-0.193431	-36.021092	-0.144750
-0.001109	-0.038231	-20.178825	
0.75000	-0.193431	-19.886369	-0.144750
-0.001109	-0.285744	-20.312609	
1.00000	-0.193431	-7.607446	-0.144750
-0.001109	-0.578122	-47.966284	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.147075	5.257590	0.245088
0.000858	0.635884	16.065182	
0.25000	0.147075	15.495621	0.245088
0.000858	0.335583	43.102943	
0.50000	0.147075	29.012436	0.245088
0.000858	0.060349	54.786148	
0.75000	0.147075	41.723646	0.245088
0.000858	0.211062	45.676961	
1.00000	0.147075	55.166464	0.245088
0.000858	0.419982	20.689952	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232737	-56.556574	-0.169462
-0.000925	-0.423524	-42.023896	
0.25000	-0.232737	-43.083571	-0.169462
-0.000925	-0.217227	-18.515432	
0.50000	-0.232737	-30.376399	-0.169462
-0.000925	-0.036165	-18.155309	
0.75000	-0.232737	-16.856803	-0.169462
-0.000925	-0.294340	-18.268577	
1.00000	-0.232737	-6.573958	-0.169462
-0.000925	-0.598156	-41.435578	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066401	0.028109	0.071922
0.000639	0.186806	2.044364	
0.25000	0.066401	0.051891	0.071922
0.000639	0.097554	2.360752	
0.50000	0.066401	0.083288	0.071922
0.000639	0.010194	2.709800	
0.75000	0.066401	0.112815	0.071922
0.000639	0.097852	3.028653	
1.00000	0.066401	0.144841	0.071922
0.000639	0.193828	3.324411	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4509

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.119720	-0.444196	-0.077194
-5.47E-07	-0.190052	-2.009576	
0.25000	-0.119720	-0.412900	-0.077194
-5.47E-07	-0.094077	-1.959289	
0.50000	-0.119720	-0.383383	-0.077194
-5.47E-07	-0.006568	-1.963192	
0.75000	-0.119720	-0.351978	-0.077194
-5.47E-07	-0.090480	-1.968329	
1.00000	-0.119720	-0.328093	-0.077194
-5.47E-07	-0.177086	-2.027018	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.126254	0.427323	0.137151
0.001089	0.355797	4.734707	
0.25000	0.126254	1.140774	0.137151
0.001089	0.185721	6.987789	
0.50000	0.126254	2.082713	0.137151
0.001089	0.021450	8.326118	
0.75000	0.126254	2.968511	0.137151
0.001089	0.157388	8.282839	
1.00000	0.126254	3.905293	0.137151
0.001089	0.311583	7.238302	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.190574	-4.543553	-0.124112
-4.14E-06	-0.305690	-6.036383	
0.25000	-0.190574	-3.604667	-0.124112
-4.14E-06	-0.151669	-4.396762	
0.50000	-0.190574	-2.719150	-0.124112
-4.14E-06	-0.012776	-4.371059	
0.75000	-0.190574	-1.777018	-0.124112
-4.14E-06	-0.164983	-4.378338	
1.00000	-0.190574	-1.060443	-0.124112
-4.14E-06	-0.329666	-5.992148	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107793	0.755242	0.194455
0.001192	0.504241	8.454951	
0.25000	0.107793	1.889630	0.194455
0.001192	0.263251	11.915772	
0.50000	0.107793	3.387312	0.194455
0.001192	0.034052	13.917382	
0.75000	0.107793	4.795732	0.194455
0.001192	0.163823	13.850218	
1.00000	0.107793	6.285215	0.194455
0.001192	0.323793	12.204654	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247000	-7.324300	-0.128829
-0.000206	-0.316956	-8.980138	
0.25000	-0.247000	-5.831472	-0.128829
-0.000206	-0.157268	-6.350491	
0.50000	-0.247000	-4.423500	-0.128829
-0.000206	-0.017917	-6.286726	
0.75000	-0.247000	-2.925510	-0.128829
-0.000206	-0.220266	-6.275270	
1.00000	-0.247000	-1.786156	-0.128829
-0.000206	-0.466393	-8.818200	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.136004	6.143786	0.236354
0.001044	0.614219	16.411976	
0.25000	0.136004	18.236791	0.236354
0.001044	0.325420	48.241834	
0.50000	0.136004	34.202646	0.236354
0.001044	0.062207	61.833483	
0.75000	0.136004	49.216932	0.236354
0.001044	0.201714	50.755687	
1.00000	0.136004	65.095383	0.236354
0.001044	0.399508	20.840023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4510

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.269177	-66.402562	-0.160785
-0.000686	-0.401022	-48.418963	
0.25000	-0.269177	-50.488458	-0.160785
-0.000686	-0.206262	-20.677318	
0.50000	-0.269177	-35.478941	-0.160785
-0.000686	-0.039321	-20.285348	
0.75000	-0.269177	-19.509801	-0.160785
-0.000686	-0.291001	-20.448795	
1.00000	-0.269177	-7.363862	-0.160785
-0.000686	-0.580033	-47.842957	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.216853	0.089840	0.250936
4.41E-06	0.638443	4.722176	
0.25000	0.216853	0.097877	0.250936
4.41E-06	0.326489	5.309708	
0.50000	0.216853	0.117082	0.250936
4.41E-06	0.020871	5.940379	
0.75000	0.216853	0.138012	0.250936
4.41E-06	0.268822	6.602913	
1.00000	0.216853	0.156384	0.250936
4.41E-06	0.394320	7.298744	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028021	-0.849690	-0.162141
-0.001101	-0.412268	-3.329943	
0.25000	-0.028021	-0.831322	-0.162141
-0.001101	-0.210185	-3.228122	
0.50000	-0.028021	-0.810392	-0.162141
-0.001101	-0.009459	-3.154338	
0.75000	-0.028021	-0.791170	-0.162141
-0.001101	-0.297347	-3.080632	
1.00000	-0.028021	-0.783084	-0.162141
-0.001101	-0.609276	-3.034740	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243206	12.561502	0.385196
4.06E-05	0.984875	19.101858	
0.25000	0.243206	25.355516	0.385196
4.06E-05	0.525488	59.529454	
0.50000	0.243206	55.930680	0.385196
4.06E-05	0.081682	83.290026	
0.75000	0.243206	89.250225	0.385196
4.06E-05	0.290518	61.714696	
1.00000	0.243206	118.499505	0.385196
4.06E-05	0.559802	23.163991	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.159981	-119.683292	-0.233439
-0.001399	-0.620481	-75.098551	
0.25000	-0.159981	-90.441148	-0.233439
-0.001399	-0.328257	-36.168864	
0.50000	-0.159981	-57.120517	-0.233439
-0.001399	-0.045731	-29.952796	
0.75000	-0.159981	-26.518790	-0.233439
-0.001399	-0.475618	-29.847313	
1.00000	-0.159981	-13.647290	-0.233439
-0.001399	-0.949226	-74.116279	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.230115	9.028922	0.440882
0.000296	1.130598	18.801615	
0.25000	0.230115	18.113315	0.440882
0.000296	0.597072	48.029802	
0.50000	0.230115	39.823217	0.440882
0.000296	0.081189	65.505038	
0.75000	0.230115	63.481769	0.440882
0.000296	0.291289	50.883677	
1.00000	0.230115	84.2502227	0.440882
0.000296	0.572397	24.259268	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4511

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.220701	-85.785687	-0.238188
-0.001377	-0.625292	-56.813428	
0.25000	-0.220701	-65.022296	-0.238188
-0.001377	-0.328804	-24.856962	
0.50000	-0.220701	-41.362973	-0.238188
-0.001377	-0.043127	-24.649314	
0.75000	-0.220701	-19.634209	-0.238188
-0.001377	-0.530965	-24.520132	
1.00000	-0.220701	-10.494797	-0.238188
-0.001377	-1.075300	-55.898916	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258583	7.524251	0.463748
0.000619	1.185101	17.705774	
0.25000	0.258583	15.064442	0.463748
0.000619	0.620670	42.210212	
0.50000	0.258583	33.084007	0.463748
0.000619	0.077025	56.978664	
0.75000	0.258583	52.720981	0.463748
0.000619	0.310908	45.150903	
1.00000	0.258583	69.959132	0.463748
0.000619	0.611642	23.367882	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.280229	-71.508640	-0.252000
-0.001147	-0.652496	-48.829628	
0.25000	-0.280229	-54.274694	-0.252000
-0.001147	-0.339029	-22.297985	
0.50000	-0.280229	-34.637080	-0.252000
-0.001147	-0.041166	-22.118366	
0.75000	-0.280229	-16.601860	-0.252000
-0.001147	-0.558533	-22.003910	
1.00000	-0.280229	-9.016002	-0.252000
-0.001147	-1.132142	-48.041609	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026859	8.884268	0.127731
0.000140	0.331959	11.928249	
0.25000	0.026859	17.852937	0.127731
0.000140	0.185909	39.942059	
0.50000	0.026859	39.286280	0.127731
0.000140	0.050498	56.284080	
0.75000	0.026859	62.643448	0.127731
0.000140	0.070989	40.964102	
1.00000	0.026859	83.147341	0.127731
0.000140	0.122575	13.731221	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.167804	-83.695866	-0.054070
-0.000232	-0.159475	-51.396219	
0.25000	-0.167804	-63.196196	-0.054070
-0.000232	-0.092192	-19.936928	
0.50000	-0.167804	-39.838266	-0.054070
-0.000232	-0.028711	-19.822065	
0.75000	-0.167804	-18.986302	-0.054070
-0.000232	-0.161077	-19.784628	
1.00000	-0.167804	-9.363315	-0.054070
-0.000232	-0.316151	-50.854292	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068421	8.488234	0.241151
0.000500	0.622187	14.923178	
0.25000	0.068421	17.047043	0.241151
0.000500	0.334793	42.091579	
0.50000	0.068421	37.500906	0.241151
0.000500	0.064866	58.165938	
0.75000	0.068421	59.790677	0.241151
0.000500	0.124281	43.987355	
1.00000	0.068421	79.357563	0.241151
0.000500	0.229104	18.473126	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4512

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.243002	-80.358425	-0.096173
-0.000270	-0.261666	-51.618748	
0.25000	-0.243002	-60.796313	-0.096173
-0.000270	-0.142404	-21.568878	
0.50000	-0.243002	-38.505815	-0.096173
-0.000270	-0.035455	-21.431071	
0.75000	-0.243002	-18.034182	-0.096173
-0.000270	-0.293912	-21.367248	
1.00000	-0.243002	-9.423537	-0.096173
-0.000270	-0.590200	-50.988346	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167263	5.774477	0.389782
0.000454	1.003339	15.904979	
0.25000	0.167263	11.336498	0.389782
0.000454	0.526987	33.996400	
0.50000	0.167263	24.628628	0.389782
0.000454	0.067775	45.035351	
0.75000	0.167263	39.113840	0.389782
0.000454	0.185536	32.790638	
1.00000	0.167263	51.829560	0.389782
0.000454	0.483911	21.176682	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259976	-53.292617	-0.200918
-0.001028	-0.522740	-37.452265	
0.25000	-0.259976	-40.580000	-0.200918
-0.001028	-0.273087	-17.850222	
0.50000	-0.259976	-26.094316	-0.200918
-0.001028	-0.034797	-17.686844	
0.75000	-0.259976	-12.790638	-0.200918
-0.001028	-0.461262	-17.571431	
1.00000	-0.259976	-7.194931	-0.200918
-0.001028	-0.943524	-36.747853	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199135	4.844284	0.422622
0.000779	1.082569	15.191347	
0.25000	0.199135	9.509438	0.422622
0.000779	0.563982	30.628628	
0.50000	0.199135	20.658234	0.422622
0.000779	0.065682	40.152590	
0.75000	0.199135	32.807729	0.422622
0.000779	0.279713	33.476619	
1.00000	0.199135	43.473060	0.422622
0.000779	0.555099	20.668655	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.341258	-44.943844	-0.227820
-0.000857	-0.584189	-33.042268	
0.25000	-0.341258	-34.281115	-0.227820
-0.000857	-0.301118	-16.600292	
0.50000	-0.341258	-22.131225	-0.227820
-0.000857	-0.034574	-16.462513	
0.75000	-0.341258	-10.972743	-0.227820
-0.000857	-0.502768	-16.364965	
1.00000	-0.341258	-6.279335	-0.227820
-0.000857	-1.026124	-32.448426	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095429	0.031299	0.147210
0.000642	0.371455	2.851659	
0.25000	0.095429	0.039335	0.147210
0.000642	0.187874	3.266416	
0.50000	0.095429	0.058541	0.147210
0.000642	0.013751	3.676926	
0.75000	0.095429	0.079470	0.147210
0.000642	0.122556	4.069158	
1.00000	0.095429	0.097453	0.147210
0.000642	0.242594	4.454626	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4513

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222744	-0.463957	-0.096588
-3.22E-07	-0.237918	-2.598822	
0.25000	-0.222744	-0.445589	-0.096588
-3.22E-07	-0.117918	-2.572305	
0.50000	-0.222744	-0.424659	-0.096588
-3.22E-07	-0.008604	-2.573839	
0.75000	-0.222744	-0.405436	-0.096588
-3.22E-07	-0.181206	-2.575453	
1.00000	-0.222744	-0.397351	-0.096588
-3.22E-07	-0.363901	-2.604892	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.177884	0.353891	0.262131
0.001055	0.662539	5.875015	
0.25000	0.177884	0.619093	0.262131
0.001055	0.336716	7.375660	
0.50000	0.177884	1.252875	0.262131
0.001055	0.027446	8.563751	
0.75000	0.177884	1.943544	0.262131
0.001055	0.194064	8.895416	
1.00000	0.177884	2.549842	0.262131
0.001055	0.383180	8.914142	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.317202	-3.280306	-0.152670
-2.47E-06	-0.376735	-6.147766	
0.25000	-0.317202	-2.674156	-0.152670
-2.47E-06	-0.187293	-5.202919	
0.50000	-0.317202	-1.983465	-0.152670
-2.47E-06	-0.015721	-5.184934	
0.75000	-0.317202	-1.349132	-0.152670
-2.47E-06	-0.319119	-5.169353	
1.00000	-0.317202	-1.082324	-0.152670
-2.47E-06	-0.643638	-6.055052	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.151300	0.237651	0.321840
0.001119	0.822164	8.985843	
0.25000	0.151300	0.244884	0.321840
0.001119	0.421871	9.891060	
0.50000	0.151300	0.262169	0.321840
0.001119	0.040577	10.923931	
0.75000	0.151300	0.281006	0.321840
0.001119	0.198903	12.178324	
1.00000	0.151300	0.297541	0.321840
0.001119	0.398411	13.480831	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.387372	-1.433902	-0.160983
-0.000198	-0.401402	-6.582204	
0.25000	-0.387372	-1.417371	-0.160983
-0.000198	-0.201677	-6.506402	
0.50000	-0.387372	-1.398533	-0.160983
-0.000198	-0.020945	-6.455675	
0.75000	-0.387372	-1.381234	-0.160983
-0.000198	-0.208513	-6.604999	
1.00000	-0.387372	-1.373957	-0.160983
-0.000198	-0.780345	-6.378872	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.182411	5.256866	0.399082
0.000982	1.021997	15.104370	
0.25000	0.182411	10.319824	0.399082
0.000982	0.532718	31.714675	
0.50000	0.182411	22.419292	0.399082
0.000982	0.065519	41.869813	
0.75000	0.182411	35.604790	0.399082
0.000982	0.266448	34.435111	
1.00000	0.182411	47.179568	0.399082
0.000982	0.524901	20.329355	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4514
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411396	-48.565522	-0.214950
-0.000636	-0.550911	-35.219627	
0.25000	-0.411396	-36.993568	-0.214950
-0.000636	-0.283887	-17.396728	
0.50000	-0.411396	-23.807640	-0.214950
-0.000636	-0.035251	-17.268058	
0.75000	-0.411396	-11.697660	-0.214950
-0.000636	-0.478921	-17.080719	
1.00000	-0.411396	-6.604039	-0.214950
-0.000636	-0.972049	-34.482237	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.175806	10.869448	0.261087
0.001192	0.671408	20.358088	
0.25000	0.175806	33.034012	0.261087
0.001192	0.354829	78.087722	
0.50000	0.175806	62.296898	0.261087
0.001192	0.074508	102.060529	
0.75000	0.175806	89.815707	0.261087
0.001192	0.312003	80.436521	
1.00000	0.175806	118.918393	0.261087
0.001192	0.458990	23.926454	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.269177	-120.081708	-0.185768
-0.001492	-0.465772	-82.565155	
0.25000	-0.269177	-90.913673	-0.185768
-0.001492	-0.240112	-31.736230	
0.50000	-0.269177	-63.403606	-0.185768
-0.001492	-0.051766	-31.034409	
0.75000	-0.269177	-34.134701	-0.185768
-0.001492	-0.322321	-31.350339	
1.00000	-0.269177	-11.873116	-0.185768
-0.001492	-0.646723	-81.575858	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258583	12.561502	0.463748
0.001119	1.185101	19.101858	
0.25000	0.258583	25.355516	0.463748
0.001119	0.620670	59.529454	
0.50000	0.258583	55.930680	0.463748
0.001119	0.081682	83.299026	
0.75000	0.258583	89.250225	0.463748
0.001119	0.310908	61.714696	
1.00000	0.258583	118.499505	0.463748
0.001119	0.611642	24.259268	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411396	-119.683292	-0.252000
-0.001399	-0.652496	-75.098551	
0.25000	-0.411396	-90.441148	-0.252000
-0.001399	-0.339029	-30.168864	
0.50000	-0.411396	-57.120517	-0.252000
-0.001399	-0.045731	-29.952796	
0.75000	-0.411396	-26.518790	-0.252000
-0.001399	-0.558533	-29.847313	
1.00000	-0.411396	-13.647290	-0.252000
-0.001399	-1.132142	-74.116279	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258583	12.561502	0.463748
0.001192	1.185101	20.358088	
0.25000	0.258583	33.034012	0.463748
0.001192	0.620670	78.087722	
0.50000	0.258583	62.296898	0.463748
0.001192	0.081682	102.060529	
0.75000	0.258583	89.815707	0.463748
0.001192	0.310908	80.436521	
1.00000	0.258583	118.918393	0.463748
0.001192	0.611642	24.259268	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4515
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411396	-120.081708	-0.252000
-0.001492	-0.652496	-82.565155	
0.25000	-0.411396	-90.913673	-0.252000
-0.001492	-0.339029	-31.736230	
0.50000	-0.411396	-63.403606	-0.252000
-0.001492	-0.051766	-31.034409	
0.75000	-0.411396	-34.134701	-0.252000
-0.001492	-0.558533	-31.350339	
1.00000	-0.411396	-13.647290	-0.252000
-0.001492	-1.132142	-81.575858	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258583	12.561502	0.463748
0.001192	1.185101	20.358088	
0.25000	0.258583	33.034012	0.463748
0.001192	0.620670	78.087722	
0.50000	0.258583	62.296898	0.463748
0.001192	0.081682	102.060529	
0.75000	0.258583	89.815707	0.463748
0.001192	0.310908	80.436521	
1.00000	0.258583	118.918393	0.463748
0.001192	0.611642	24.259268	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411396	-120.081708	-0.252000
-0.001492	-0.652496	-82.565155	
0.25000	-0.411396	-90.913673	-0.252000
-0.001492	-0.339029	-31.736230	
0.50000	-0.411396	-63.403606	-0.252000
-0.001492	-0.051766	-31.034409	
0.75000	-0.411396	-34.134701	-0.252000
-0.001492	-0.558533	-31.350339	
1.00000	-0.411396	-13.647290	-0.252000
-0.001492	-1.132142	-81.575858	

ELEM 438 ========== LENGTH = 4.973396

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.179748	0.239735	0.113643
0.000180	0.284807	6.757475	
0.25000	0.179748	0.263539	0.113643
0.000180	0.143530	6.894072	
0.50000	0.179748	0.294938	0.113643
0.000180	0.022306	7.132258	
0.75000	0.179748	0.324459	0.113643
0.000180	0.133351	7.521216	
1.00000	0.179748	0.355710	0.113643
0.000180	0.269861	7.967437	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017137	-0.712226	-0.109799
-0.000926	-0.276276	-2.338554	
0.25000	-0.017137	-0.680953	-0.109799
-0.000926	-0.139852	-2.186262	
0.50000	-0.017137	-0.651433	-0.109799
-0.000926	-0.006295	-2.087345	
0.75000	-0.017137	-0.620033	-0.109799
-0.000926	-0.139141	-1.989685	
1.00000	-0.017137	-0.596190	-0.109799
-0.000926	-0.280431	-1.945646	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215527	11.109456	0.184435
0.000264	0.478097	23.862573	
0.25000	0.215527	33.294547	0.184435
0.000264	0.254224	81.579110	
0.50000	0.215527	62.558572	0.184435
0.000264	0.083272	104.826961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4516
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.215527	90.072718	0.184435
0.000264	0.190494	82.796551	
1.00000	0.215527	119.198725	0.184435
0.000264	0.357175	25.870654	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140832	-119.828448	-0.145644
-0.001143	-0.382036	-81.589198	
0.25000	-0.140832	-90.682344	-0.145644
-0.001143	-0.204434	-30.964595	
0.50000	-0.140832	-63.169426	-0.145644
-0.001143	-0.048697	-30.085441	
0.75000	-0.140832	-33.904811	-0.145644
-0.001143	-0.241435	-30.377811	
1.00000	-0.140832	-11.683155	-0.145644
-0.001143	-0.467253	-80.644728	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202692	7.845641	0.211709
0.000539	0.553020	23.852626	
0.25000	0.202692	22.949118	0.211709
0.000539	0.293752	63.148917	
0.50000	0.202692	42.871890	0.211709
0.000539	0.082386	79.179030	
0.75000	0.202692	61.603355	0.211709
0.000539	0.204507	64.634327	
1.00000	0.202692	81.432167	0.211709
0.000539	0.392886	26.493995	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.184086	-82.240700	-0.159395
-0.001240	-0.409527	-58.108073	
0.25000	-0.184086	-62.398208	-0.159395
-0.001240	-0.213455	-23.543350	
0.50000	-0.184086	-43.667579	-0.159395
-0.001240	-0.040384	-22.845031	
0.75000	-0.184086	-23.744405	-0.159395
-0.001240	-0.259064	-22.944280	
1.00000	-0.184086	-8.616035	-0.159395
-0.001240	-0.519711	-57.065898	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215617	6.569695	0.222324
0.000763	0.573520	22.397916	
0.25000	0.215617	19.093657	0.222324
0.000763	0.301673	55.087845	
0.50000	0.215617	35.625319	0.222324
0.000763	0.078827	68.513851	
0.75000	0.215617	51.168449	0.222324
0.000763	0.230312	56.616953	
1.00000	0.215617	67.622143	0.222324
0.000763	0.446227	25.192997	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238157	-68.459019	-0.180198
-0.001032	-0.457976	-49.529078	
0.25000	-0.238157	-51.993972	-0.180198
-0.001032	-0.235697	-20.803740	
0.50000	-0.238157	-36.451536	-0.180198
-0.001032	-0.037334	-20.180311	
0.75000	-0.238157	-19.919640	-0.180198
-0.001032	-0.275297	-20.218692	
1.00000	-0.238157	-7.366212	-0.180198
-0.001032	-0.549574	-48.488403	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017892	9.226518	0.072780
0.000167	0.201336	16.005718	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4517
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.017892	27.793439	0.072780
0.000167	0.115561	64.237876	
0.50000	0.017892	52.284790	0.072780
0.000167	0.056675	83.553834	
0.75000	0.017892	75.311650	0.072780
0.000167	0.043670	64.865502	
1.00000	0.017892	99.687493	0.072780
0.000167	0.063948	16.936929	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.143957	-99.994199	-0.026011
-0.000206	-0.077272	-66.937332	
0.25000	-0.143957	-75.601537	-0.026011
-0.000206	-0.047452	-24.631659	
0.50000	-0.143957	-52.575705	-0.026011
-0.000206	-0.037167	-23.958444	
0.75000	-0.143957	-28.083860	-0.026011
-0.000206	-0.097038	-24.265690	
1.00000	-0.143957	-9.486336	-0.026011
-0.000206	-0.184497	-66.397126	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057354	8.698917	0.125906
0.000536	0.340681	19.781765	
0.25000	0.057354	25.980437	0.125906
0.000536	0.190447	64.696389	
0.50000	0.057354	48.776233	0.125906
0.000536	0.070458	82.837171	
0.75000	0.057354	70.208925	0.125906
0.000536	0.100037	65.764079	
1.00000	0.057354	92.897210	0.125906
0.000536	0.177142	21.579908	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222832	-93.454503	-0.071042
-0.000295	-0.071114	-64.211504	
0.25000	-0.222832	-70.750564	-0.071042
-0.000295	-0.101237	-24.769468	
0.50000	-0.222832	-49.318828	-0.071042
-0.000295	-0.040073	-24.074142	
0.75000	-0.222832	-26.522572	-0.071042
-0.000295	-0.155828	-24.291400	
1.00000	-0.222832	-9.212569	-0.071042
-0.000295	-0.309437	-63.437327	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.168361	6.575817	0.185832
0.000645	0.486549	22.023243	
0.25000	0.168361	18.808561	0.185832
0.000645	0.260397	53.778814	
0.50000	0.168361	34.944594	0.185832
0.000645	0.075792	66.798994	
0.75000	0.168361	50.115752	0.185832
0.000645	0.191357	51.176906	
1.00000	0.168361	66.175682	0.185832
0.000645	0.342380	24.593086	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226502	-66.959908	-0.138528
-0.000977	-0.354445	-47.971959	
0.25000	-0.226502	-50.888896	-0.138528
-0.000977	-0.183922	-19.945731	
0.50000	-0.226502	-35.718415	-0.138528
-0.000977	-0.035377	-19.348898	
0.75000	-0.226502	-19.582057	-0.138528
-0.000977	-0.226133	-19.398018	
1.00000	-0.226502	-7.329150	-0.138528
-0.000977	-0.455055	-47.002854	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4518
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171544	5.511703	0.204777
0.000847	0.527072	20.622616	
0.25000	0.171544	15.759215	0.204777
0.000847	0.276313	47.362216	
0.50000	0.171544	29.276557	0.204777
0.000847	0.072864	58.402593	
0.75000	0.171544	41.985612	0.204777
0.000847	0.213462	48.801786	
1.00000	0.171544	55.439203	0.204777
0.000847	0.414373	23.313537	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.286226	-56.237457	-0.166899
-0.000816	-0.422278	-41.449260	
0.25000	-0.286226	-42.774583	-0.166899
-0.000816	-0.216181	-17.930335	
0.50000	-0.286226	-30.066095	-0.166899
-0.000816	-0.033361	-17.389324	
0.75000	-0.286226	-16.548481	-0.166899
-0.000816	-0.252886	-17.389451	
1.00000	-0.286226	-6.284078	-0.166899
-0.000816	-0.505722	-40.473334	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061585	0.039072	0.078698
0.000479	0.192180	3.325875	
0.25000	0.061585	0.063176	0.078698
0.000479	0.094350	3.569520	
0.50000	0.061585	0.094575	0.078698
0.000479	0.014401	3.793881	
0.75000	0.061585	0.124097	0.078698
0.000479	0.102802	3.982669	
1.00000	0.061585	0.155348	0.078698
0.000479	0.203898	4.148218	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162997	-0.357910	-0.081315
-4.32E-06	-0.200528	-2.041913	
0.25000	-0.162997	-0.326638	-0.081315
-4.32E-06	-0.099419	-1.924436	
0.50000	-0.162997	-0.297117	-0.081315
-4.32E-06	-0.005866	-1.860335	
0.75000	-0.162997	-0.265717	-0.081315
-4.32E-06	-0.101685	-1.797491	
1.00000	-0.162997	-0.241874	-0.081315
-4.32E-06	-0.199348	-1.788549	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132430	0.480184	0.129652
0.000844	0.321826	7.231351	
0.25000	0.132430	1.194297	0.129652
0.000844	0.163082	9.283619	
0.50000	0.132430	2.136272	0.129652
0.000844	0.029261	10.359074	
0.75000	0.132430	3.021920	0.129652
0.000844	0.165426	10.067770	
1.00000	0.132430	3.959453	0.129652
0.000844	0.327266	8.775155	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.255997	-4.374683	-0.130510
-4.34E-05	-0.322279	-6.013719	
0.25000	-0.255997	-3.436504	-0.130510
-4.34E-05	-0.160077	-4.127320	
0.50000	-0.255997	-2.550895	-0.130510
-4.34E-05	-0.011539	-4.132169	
0.75000	-0.255997	-1.608901	-0.130510
-4.34E-05	-0.165263	-4.029728	
1.00000	-0.255997	-0.893611	-0.130510
-4.34E-05	-0.325655	-4.536156	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4519
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104157	0.916306	0.165853
0.000978	0.424183	12.166267	
0.25000	0.104157	2.051744	0.165853
0.000978	0.220142	15.293310	
0.50000	0.104157	3.549485	0.165853
0.000978	0.045077	16.882113	
0.75000	0.104157	4.957166	0.165853
0.000978	0.173256	16.432535	
1.00000	0.104157	6.448342	0.165853
0.000978	0.341891	14.411303	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.307654	-7.073235	-0.136215
-0.000275	-0.336287	-8.834812	
0.25000	-0.307654	-5.581530	-0.136215
-0.000275	-0.167073	-6.081265	
0.50000	-0.307654	-4.173412	-0.136215
-0.000275	-0.016039	-5.873704	
0.75000	-0.307654	-2.675641	-0.136215
-0.000275	-0.198275	-5.726101	
1.00000	-0.307654	-1.538331	-0.136215
-0.000275	-0.404055	-8.136426	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.148378	6.366872	0.199080
0.000923	0.512782	20.775392	
0.25000	0.148378	18.471077	0.199080
0.000923	0.271573	52.786530	
0.50000	0.148378	34.437554	0.199080
0.000923	0.074545	65.314177	
0.75000	0.148378	49.449295	0.199080
0.000923	0.207724	53.770101	
1.00000	0.148378	65.340470	0.199080
0.000923	0.399424	23.368659	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345663	-66.096449	-0.160480
-0.000618	-0.406554	-47.868445	
0.25000	-0.345663	-50.194310	-0.160480
-0.000618	-0.208665	-20.134868	
0.50000	-0.345663	-35.183238	-0.160480
-0.000618	-0.036433	-19.542450	
0.75000	-0.345663	-19.216439	-0.160480
-0.000618	-0.248664	-19.589217	
1.00000	-0.345663	-7.092294	-0.160480
-0.000618	-0.494124	-46.902320	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.284519	0.205806	0.214589
0.000165	0.552469	7.243561	
0.25000	0.284619	0.213857	0.214589
0.000165	0.285764	7.531817	
0.50000	0.284619	0.233066	0.214589
0.000165	0.026921	7.853074	
0.75000	0.284619	0.253996	0.214589
0.000165	0.170903	8.216290	
1.00000	0.284619	0.272366	0.214589
0.000165	0.350595	8.601804	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018685	-0.696539	-0.144008
-0.000833	-0.366317	-2.993671	
0.25000	-0.018685	-0.678168	-0.144008
-0.000833	-0.186811	-2.842214	
0.50000	-0.018685	-0.657238	-0.144008
-0.000833	-0.008308	-2.718830	
0.75000	-0.018685	-0.638022	-0.144008
-0.000833	-0.247826	-2.595229	
1.00000	-0.018685	-0.629960	-0.144008
-0.000833	-0.514732	-2.499522	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4520
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.307172	12.799160	0.317194
0.000236	0.827852	23.072098	
0.25000	0.307172	25.616590	0.317194
0.000236	0.480280	63.174741	
0.50000	0.307172	56.196376	0.317194
0.000236	0.092540	86.326090	
0.75000	0.307172	89.516915	0.317194
0.000236	0.260828	64.240032	
1.00000	0.307172	118.762952	0.317194
0.000236	0.495205	25.187733	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182052	-119.510072	-0.204816
-0.000994	-0.546253	-74.101273	
0.25000	-0.182052	-90.263398	-0.204816
-0.000994	-0.291096	-29.328784	
0.50000	-0.182052	-56.942947	-0.204816
-0.000994	-0.042296	-28.780711	
0.75000	-0.182052	-26.350475	-0.204816
-0.000994	-0.384057	-28.571557	
1.00000	-0.182052	-13.516737	-0.204816
-0.000994	-0.773695	-72.777531	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.289413	9.330104	0.352615
0.000458	0.924272	24.151312	
0.25000	0.289413	18.431123	0.352615
0.000458	0.497546	52.839502	
0.50000	0.289413	40.144308	0.352615
0.000458	0.095807	69.568381	
0.75000	0.289413	63.803565	0.352615
0.000458	0.265906	54.268453	
1.00000	0.289413	84.569721	0.352615
0.000458	0.509991	26.988997	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242357	-85.524303	-0.208995
-0.001082	-0.548439	-55.881470	
0.25000	-0.242357	-64.757694	-0.208995
-0.001082	-0.288469	-23.964377	
0.50000	-0.242357	-41.098500	-0.208995
-0.001082	-0.039202	-23.448994	
0.75000	-0.242357	-9.376307	-0.208995
-0.001082	-0.415463	-23.174595	
1.00000	-0.242357	-10.263708	-0.208995
-0.001082	-0.849191	-54.436612	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322453	7.799803	0.379562
0.000644	0.986866	23.282865	
0.25000	0.322453	15.353794	0.379562
0.000644	0.525194	47.211257	
0.50000	0.322453	33.376823	0.379562
0.000644	0.092683	61.221812	
0.75000	0.322453	53.013643	0.379562
0.000644	0.294816	48.689484	
1.00000	0.322453	70.249883	0.379562
0.000644	0.568849	26.232328	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314564	-71.229970	-0.231160
-0.000900	-0.596891	-48.040514	
0.25000	-0.314564	-53.993354	-0.231160
-0.000900	-0.309463	-21.492150	
0.50000	-0.314564	-34.355846	-0.231160
-0.000900	-0.037393	-21.007665	
0.75000	-0.314564	-16.326080	-0.231160
-0.000900	-0.449821	-20.723183	
1.00000	-0.314564	-8.762478	-0.231160
-0.000900	-0.917439	-46.614412	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4521

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019388	9.003497	0.090039
0.000141	0.245715	13.689388	
0.25000	0.019388	17.988580	0.090039
0.000141	0.145142	41.595450	
0.50000	0.019388	39.425164	0.090039
0.000141	0.055249	57.631162	
0.75000	0.019388	62.783029	0.090039
0.000141	0.061720	42.073963	
1.00000	0.019388	83.284648	0.090039
0.000141	0.099506	14.604694	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199897	-83.636578	-0.042197
-0.000175	-0.126333	-50.874020	
0.25000	-0.199897	-63.134513	-0.042197
-0.000175	-0.073712	-19.536300	
0.50000	-0.199897	-39.776709	-0.042197
-0.000175	-0.026676	-19.200261	
0.75000	-0.199897	-18.331232	-0.042197
-0.000175	-0.111013	-19.102081	
1.00000	-0.199897	-9.334718	-0.042197
-0.000175	-0.219303	-50.138899	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078264	8.686872	0.180296
0.000434	0.480095	18.419217	
0.25000	0.078264	17.261346	0.180296
0.000434	0.284713	45.726219	
0.50000	0.078264	37.718301	0.180296
0.000434	0.074529	60.823352	
0.75000	0.078264	60.008737	0.180296
0.000434	0.122835	46.190187	
1.00000	0.078264	79.573454	0.180296
0.000434	0.214693	20.238816	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.282479	-80.208639	-0.086674
-0.000258	-0.234335	-51.016509	
0.25000	-0.282479	-60.643496	-0.086674
-0.000258	-0.126890	-21.021263	
0.50000	-0.282479	-38.353119	-0.086674
-0.000258	-0.032564	-20.610362	
0.75000	-0.282479	-17.887678	-0.086674
-0.000258	-0.216832	-20.427113	
1.00000	-0.282479	-9.302294	-0.086674
-0.000258	-0.436060	-49.955625	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.208499	6.059600	0.303650
0.000549	0.798083	21.076031	
0.25000	0.208499	11.631801	0.303650
0.000549	0.428255	38.606728	
0.50000	0.208499	24.925940	0.303650
0.000549	0.082114	48.946030	
0.75000	0.208499	39.411584	0.303650
0.000549	0.223290	40.018177	
1.00000	0.208499	52.125894	0.303650
0.000549	0.432645	23.805860	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.301175	-53.028148	-0.176901
-0.000866	-0.459044	-36.737179	
0.25000	-0.301175	-40.313561	-0.176901
-0.000866	-0.239232	-17.098969	
0.50000	-0.301175	-25.827955	-0.176901
-0.000866	-0.031318	-16.687126	
0.75000	-0.301175	-12.528301	-0.176901
-0.000866	-0.351634	-16.423930	
1.00000	-0.301175	-6.949011	-0.176901
-0.000866	-0.725243	-35.468179	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4522

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228317	5.092460	0.342999
0.000737	0.891600	20.595689	
0.25000	0.228317	9.766152	0.342999
0.000737	0.471501	35.440368	
0.50000	0.228317	20.916633	0.342999
0.000737	0.081302	44.261165	
0.75000	0.228317	33.066491	0.342999
0.000737	0.269284	36.908487	
1.00000	0.228317	43.730639	0.342999
0.000737	0.523452	23.452899	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.397304	-44.664946	-0.211819
-0.000722	-0.540437	-32.456105	
0.25000	-0.397304	-34.000568	-0.211819
-0.000722	-0.277476	-15.929724	
0.50000	-0.397304	-21.850740	-0.211819
-0.000722	-0.031102	-15.529330	
0.75000	-0.397304	-10.695633	-0.211819
-0.000722	-0.402748	-15.253673	
1.00000	-0.397304	-6.015995	-0.211819
-0.000722	-0.825876	-31.172286	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.089556	0.045101	0.137842
0.000431	0.347055	4.475357	
0.25000	0.089556	0.053552	0.137842
0.000431	0.175407	4.714415	
0.50000	0.089556	0.072760	0.137842
0.000431	0.018761	4.946648	
0.75000	0.089556	0.093690	0.137842
0.000431	0.139251	5.155514	
1.00000	0.089556	0.113061	0.137842
0.000431	0.260491	5.360549	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265544	-0.380983	-0.103091
-4.01E-06	-0.252808	-2.631787	
0.25000	-0.265544	-0.362612	-0.103091
-4.01E-06	-0.124855	-2.517049	
0.50000	-0.265544	-0.341682	-0.103091
-4.01E-06	-0.007689	-2.430088	
0.75000	-0.265544	-0.322466	-0.103091
-4.01E-06	-0.168191	-2.341444	
1.00000	-0.265544	-0.314404	-0.103091
-4.01E-06	-0.339697	-2.282231	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199003	0.417403	0.235800
0.000731	0.597192	8.931772	
0.25000	0.199003	0.683091	0.235800
0.000731	0.305104	10.091856	
0.50000	0.199003	1.316968	0.235800
0.000731	0.037119	10.924174	
0.75000	0.199003	2.007658	0.235800
0.000731	0.209622	10.887545	
1.00000	0.199003	2.613889	0.235800
0.000731	0.410510	10.553488	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.374788	-3.119612	-0.162573
-3.53E-05	-0.399466	-6.095543	
0.25000	-0.374788	-2.513368	-0.162573
-3.53E-05	-0.179662	-4.011701	
0.50000	-0.374788	-1.822680	-0.162573
-3.53E-05	-0.014127	-4.844386	
0.75000	-0.374788	-1.188540	-0.162573
-3.53E-05	-0.285379	-4.679369	
1.00000	-0.374788	-0.922514	-0.162573
-3.53E-05	-0.577883	-5.440280	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4523

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157910	0.392876	0.266606
0.000835	0.688198	13.460728	
0.25000	0.157910	0.400122	0.266606
0.000835	0.357680	13.841428	
0.50000	0.157910	0.417409	0.266606
0.000835	0.053836	14.336292	
0.75000	0.157910	0.436246	0.266606
0.000835	0.207854	15.047471	
1.00000	0.157910	0.452780	0.266606
0.000835	0.406238	15.830636	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.448483	-1.195958	-0.161221
-0.000243	-0.398349	-6.411244	
0.25000	-0.448483	-1.179424	-0.161221
-0.000243	-0.198537	-6.157779	
0.50000	-0.448483	-1.160587	-0.161221
-0.000243	-0.018564	-5.928679	
0.75000	-0.448483	-1.143292	-0.161221
-0.000243	-0.311673	-5.699630	
1.00000	-0.448483	-1.136037	-0.161221
-0.000243	-0.641520	-5.495436	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199963	5.477385	0.325482
0.000795	0.844932	20.273678	
0.25000	0.199963	10.549609	0.325482
0.000795	0.448190	36.332867	
0.50000	0.199963	22.650906	0.325482
0.000795	0.080636	45.811424	
0.75000	0.199963	35.836798	0.325482
0.000795	0.262546	37.735902	
1.00000	0.199963	47.410292	0.325482
0.000795	0.506517	23.012839	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487619	-48.304954	-0.204087
-0.000544	-0.519696	-34.506146	
0.25000	-0.487619	-36.731207	-0.204087
-0.000544	-0.266204	-16.676285	
0.50000	-0.487619	-23.545350	-0.204087
-0.000544	-0.031882	-16.269720	
0.75000	-0.487619	-11.439033	-0.204087
-0.000544	-0.385009	-15.932908	
1.00000	-0.487619	-6.360355	-0.204087
-0.000544	-0.786506	-33.241264	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215617	11.109456	0.222324
0.000978	0.573520	23.862573	
0.25000	0.215617	33.294547	0.222324
0.000978	0.301673	81.579110	
0.50000	0.215617	62.558572	0.222324
0.000978	0.083272	104.826961	
0.75000	0.215617	90.072718	0.222324
0.000978	0.230312	82.796551	
1.00000	0.215617	119.198725	0.222324
0.000978	0.446227	26.493995	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345663	-119.828448	-0.180198
-0.001240	-0.457976	-81.589198	
0.25000	-0.345663	-90.682344	-0.180198
-0.001240	-0.235697	-30.964595	
0.50000	-0.345663	-63.169426	-0.180198
-0.001240	-0.048697	-30.085441	
0.75000	-0.345663	-33.904811	-0.180198
-0.001240	-0.275297	-30.377811	
1.00000	-0.345663	-11.683155	-0.180198
-0.001240	-0.549574	-80.644728	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4524

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322453	12.799160	0.379562
0.000835	0.986866	24.151312	
0.25000	0.322453	25.616590	0.379562
0.000835	0.525194	63.174741	
0.50000	0.322453	56.196376	0.379562
0.000835	0.095807	86.326090	
0.75000	0.322453	89.516915	0.379562
0.000835	0.294816	64.240032	
1.00000	0.322453	118.762952	0.379562
0.000835	0.568849	26.988997	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487619	-119.510072	-0.231160
-0.001082	-0.596891	-74.101273	
0.25000	-0.487619	-90.263398	-0.231160
-0.001082	-0.309463	-29.328784	
0.50000	-0.487619	-56.942947	-0.231160
-0.001082	-0.042296	-28.780711	
0.75000	-0.487619	-26.350475	-0.231160
-0.001082	-0.449821	-28.571557	
1.00000	-0.487619	-13.516737	-0.231160
-0.001082	-0.917439	-72.777531	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322453	12.799160	0.379562
0.000978	0.986866	24.151312	
0.25000	0.322453	33.294547	0.379562
0.000978	0.525194	81.579110	
0.50000	0.322453	62.558572	0.379562
0.000978	0.095807	104.826961	
0.75000	0.322453	90.072718	0.379562
0.000978	0.294816	82.796551	
1.00000	0.322453	119.198725	0.379562
0.000978	0.568849	26.988997	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487619	-119.828448	-0.231160
-0.001240	-0.596891	-81.589198	
0.25000	-0.487619	-90.682344	-0.231160
-0.001240	-0.309463	-30.964595	
0.50000	-0.487619	-63.169426	-0.231160
-0.001240	-0.048697	-30.085441	
0.75000	-0.487619	-33.904811	-0.231160
-0.001240	-0.449821	-30.377811	
1.00000	-0.487619	-13.516737	-0.231160
-0.001240	-0.917439	-80.644728	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322453	12.799160	0.379562
0.000978	0.986866	24.151312	
0.25000	0.322453	33.294547	0.379562
0.000978	0.525194	81.579110	
0.50000	0.322453	62.558572	0.379562
0.000978	0.095807	104.826961	
0.75000	0.322453	90.072718	0.379562
0.000978	0.294816	82.796551	
1.00000	0.322453	119.198725	0.379562
0.000978	0.568849	26.988997	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.487619	-119.828448	-0.231160
-0.001240	-0.596891	-81.589198	
0.25000	-0.487619	-90.682344	-0.231160
-0.001240	-0.309463	-30.964595	
0.50000	-0.487619	-63.169426	-0.231160
-0.001240	-0.048697	-30.085441	
0.75000	-0.487619	-33.904811	-0.231160
-0.001240	-0.449821	-30.377811	
1.00000	-0.487619	-13.516737	-0.231160
-0.001240	-0.917439	-80.644728	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4525

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 439 ========== LENGTH = 4.972843

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.266598	0.320257	0.108879
0.000431	0.272644	7.945868	
0.25000	0.266598	0.344068	0.108879
0.000431	0.137307	7.939843	
0.50000	0.266598	0.375466	0.108879
0.000431	0.024782	8.015308	
0.75000	0.266598	0.404984	0.108879
0.000431	0.126201	8.230742	
1.00000	0.266598	0.436236	0.108879
0.000431	0.254918	8.513366	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011911	-0.612301	-0.103533
-0.000688	-0.259970	-1.932335	
0.25000	-0.011911	-0.581047	-0.103533
-0.000688	-0.131292	-1.791561	
0.50000	-0.011911	-0.551527	-0.103533
-0.000688	-0.005099	-1.704113	
0.75000	-0.011911	-0.520130	-0.103533
-0.000688	-0.133580	-1.617990	
1.00000	-0.011911	-0.496318	-0.103533
-0.000688	-0.268858	-1.585379	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.306004	11.257453	0.159177
0.000557	0.416305	25.878563	
0.25000	0.306004	33.450005	0.159177
0.000557	0.225439	83.468435	
0.50000	0.306004	62.712994	0.159177
0.000557	0.087580	106.273689	
0.75000	0.306004	90.223314	0.159177
0.000557	0.199746	83.974629	
1.00000	0.306004	119.349870	0.159177
0.000557	0.369608	26.737103	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213847	-119.636511	-0.144256
-0.000869	-0.380524	-80.601304	
0.25000	-0.213847	-90.507843	-0.144256
-0.000869	-0.201823	-30.082097	
0.50000	-0.213847	-62.995067	-0.144256
-0.000869	-0.046213	-29.262504	
0.75000	-0.213847	-33.733141	-0.144256
-0.000869	-0.208325	-29.677838	
1.00000	-0.213847	-11.539860	-0.144256
-0.000869	-0.399125	-79.966479	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.284568	8.038783	0.170834
0.000793	0.435376	26.502149	
0.25000	0.284568	23.147338	0.170834
0.000793	0.235827	65.575200	
0.50000	0.284568	43.069406	0.170834
0.000793	0.088343	81.118012	
0.75000	0.284568	61.798567	0.170834
0.000793	0.210248	66.199979	
1.00000	0.284568	81.627451	0.170834
0.000793	0.400259	27.652411	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224849	-81.997455	-0.158046
-0.001032	-0.407974	-57.035602	
0.25000	-0.224849	-62.166833	-0.158046
-0.001032	-0.211941	-22.544660	
0.50000	-0.224849	-43.436306	-0.158046
-0.001032	-0.037388	-21.888915	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4526

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.224849	-23.514957	-0.158046
-0.001032	-0.221996	-22.073901	
1.00000	-0.224849	-8.405905	-0.158046
-0.001032	-0.430271	-56.212339	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.320099	6.757406	0.193319
0.000864	0.487463	25.188480	
0.25000	0.320099	19.294293	0.193319
0.000864	0.258077	57.591909	
0.50000	0.320099	35.825370	0.193319
0.000864	0.085258	70.518870	
0.75000	0.320099	51.366340	0.193319
0.000864	0.237394	58.231952	
1.00000	0.320099	67.820344	0.193319
0.000864	0.457191	26.381461	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.288650	-68.202574	-0.181104
-0.000908	-0.461907	-48.471431	
0.25000	-0.288650	-51.747378	-0.181104
-0.000908	-0.237133	-19.801019	
0.50000	-0.288650	-36.205021	-0.181104
-0.000908	-0.034204	-19.206623	
0.75000	-0.288650	-19.674544	-0.181104
-0.000908	-0.250271	-19.309876	
1.00000	-0.288650	-7.137246	-0.181104
-0.000908	-0.487201	-47.587354	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011695	9.303675	0.040810
0.000193	0.123950	16.967269	
0.25000	0.011695	27.876840	0.040810
0.000193	0.079434	65.176307	
0.50000	0.011695	52.367325	0.040810
0.000193	0.058820	84.224184	
0.75000	0.011695	75.390984	0.040810
0.000193	0.061240	65.414876	
1.00000	0.011695	99.767286	0.040810
0.000193	0.090219	17.317848	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.237880	-99.893353	-0.031539
-0.000200	-0.094008	-66.373472	
0.25000	-0.237880	-75.515284	-0.031539
-0.000200	-0.055310	-24.145517	
0.50000	-0.237880	-52.489570	-0.031539
-0.000200	-0.035720	-23.511659	
0.75000	-0.237880	-27.999975	-0.031539
-0.000200	-0.061234	-23.911324	
1.00000	-0.237880	-9.426199	-0.031539
-0.000200	-0.104775	-66.050451	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.083014	8.836989	0.087268
0.000494	0.226364	21.605423	
0.25000	0.083014	26.124320	0.087268
0.000494	0.132694	66.376902	
0.50000	0.083014	48.919310	0.087268
0.000494	0.074737	84.116088	
0.75000	0.083014	70.349023	0.087268
0.000494	0.116785	66.797632	
1.00000	0.083014	93.037735	0.087268
0.000494	0.206845	22.331107	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.285154	-93.280339	-0.078397

-0.000408 -0.208490 -63.421562
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4527

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.285154 -70.589983 -0.078397
-0.000408 -0.111503 -24.044201
0.50000 -0.285154 -49.158357 -0.078397
-0.000408 -0.037758 -23.381345
0.75000 -0.285154 -26.364195 -0.078397
-0.000408 -0.122212 -23.680461
1.00000 -0.285154 -9.076296 -0.078397
-0.000408 -0.225998 -62.829422

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.242697 6.768222 0.149148
0.000826 0.378294 24.609864
0.25000 0.242697 19.005080 0.149148
0.000826 0.205605 56.110136
0.50000 0.242697 35.140542 0.149148
0.000826 0.061620 68.664228
0.75000 0.242697 50.309591 0.149148
0.000826 0.184371 56.693339
1.00000 0.242697 66.369824 0.149148
0.000826 0.351699 25.703010

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.299978 -66.724717 -0.138826
-0.000904 -0.356754 -46.983438
0.25000 -0.299978 -50.663320 -0.138826
-0.000904 -0.184478 -19.013715
0.50000 -0.299978 -35.492917 -0.138826
-0.000904 -0.032466 -18.448103
0.75000 -0.299978 -19.358041 -0.138826
-0.000904 -0.194322 -18.563423
1.00000 -0.299978 -7.120781 -0.138826
-0.000904 -0.376409 -46.178664

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.227668 5.697972 0.179653
0.000861 0.450722 23.313733
0.25000 0.227668 15.948931 0.179653
0.000861 0.231797 49.764086
0.50000 0.227668 29.465795 0.179653
0.000861 0.079212 60.339212
0.75000 0.227668 42.173083 0.179653
0.000861 0.221342 50.363198
1.00000 0.227668 55.626927 0.179653
0.000861 0.427556 24.447251

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.369712 -55.986760 -0.169393
-0.000744 -0.466524 -40.466524
0.25000 -0.369712 -42.531941 -0.169393
-0.000744 -0.219612 -16.987403
0.50000 -0.369712 -29.823518 -0.169393
-0.000744 -0.030297 -16.465023
0.75000 -0.369712 -16.307146 -0.169393
-0.000744 -0.233021 -16.513178
1.00000 -0.369712 -6.055850 -0.169393
-0.000744 -0.453615 -39.598357

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.061466 0.066695 0.087336
0.000260 0.213730 4.126683
0.25000 0.061466 0.090507 0.087336
0.000260 0.105154 4.258035
0.50000 0.061466 0.121905 0.087336
0.000260 0.016748 4.366230
0.75000 0.061466 0.151423 0.087336
0.000260 0.106859 4.435349
1.00000 0.061466 0.182674 0.087336
0.000260 0.212300 4.476773
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4528

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.203090 -0.274942 -0.084814
-6.60E-06 -0.209504 -1.803443
0.25000 -0.203090 -0.243688 -0.084814
-6.60E-06 -1.673919 -1.673919
0.50000 -0.203090 -0.214168 -0.084814
-6.60E-06 -0.004872 -1.597886
0.75000 -0.203090 -0.182771 -0.084814
-6.60E-06 -0.112093 -1.523185
1.00000 -0.203090 -0.158958 -0.084814
-6.60E-06 -0.220616 -1.502073

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.186237 0.557915 0.140817
0.000531 0.345140 8.745740
0.25000 0.186237 1.272267 0.140817
0.000531 0.170315 10.586541
0.50000 0.186237 2.214209 0.140817
0.000531 0.033255 11.418685
0.75000 0.186237 3.099734 0.140817
0.000531 0.172453 10.915098
1.00000 0.186237 4.037285 0.140817
0.000531 0.341563 9.397072

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.311633 -4.227658 -0.136266
-0.000151 -0.337129 -5.557878
0.25000 -0.311633 -3.290040 -0.136266
-0.000151 -0.167741 -3.801660
0.50000 -0.311633 -2.404435 -0.136266
-0.000151 -0.009761 -3.645347
0.75000 -0.311633 -1.462528 -0.136266
-0.000151 -0.181000 -3.528859
1.00000 -0.311633 -0.748152 -0.136266
-0.000151 -0.355881 -5.017866

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.125068 1.049771 0.147728
0.000719 0.362131 14.397659
0.25000 0.125068 2.185592 0.147728
0.000719 0.188136 17.233359
0.50000 0.125068 3.683279 0.147728
0.000719 0.050695 18.479970
0.75000 0.125068 5.091264 0.147728
0.000719 0.181672 17.710832
1.00000 0.125068 6.581969 0.147728
0.000719 0.359013 15.344143

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.363486 -6.863896 -0.143032
-0.000373 -0.353928 -8.155554
0.25000 -0.363486 -5.373083 -0.143032
-0.000373 -0.176135 -5.391691
0.50000 -0.363486 -3.964972 -0.143032
-0.000373 -0.013540 -5.171580
0.75000 -0.363486 -2.467339 -0.143032
-0.000373 -0.190417 -5.014740
1.00000 -0.363486 -1.331481 -0.143032
-0.000373 -0.373737 -7.410534

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.187182 6.535747 0.175964
0.000806 0.441725 23.370240
0.25000 0.187182 18.644023 0.175964
0.000806 0.233925 54.683461
0.50000 0.187182 34.609385 0.175964
0.000806 0.080860 67.168646
0.75000 0.187182 49.619589 0.175964
0.000806 0.219635 55.265816
1.00000 0.187182 65.511063 0.175964
0.000806 0.420406 24.449961
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4529

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.455865 -65.848358 -0.165657
-0.000610 -0.421416 -46.899454
0.25000 -0.455865 -49.955732 -0.165657
-0.000610 -0.215776 -19.207928
0.50000 -0.455865 -34.944738 -0.165657
-0.000610 -0.033342 -18.632648
0.75000 -0.455865 -18.979406 -0.165657
-0.000610 -0.230751 -18.731201
1.00000 -0.455865 -6.870733 -0.165657
-0.000610 -0.446203 -46.040757

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.373155 0.281375 0.172895
0.000345 0.450352 8.545225
0.25000 0.373155 0.289432 0.172895
0.000345 0.235403 8.638647
0.50000 0.373155 0.308641 0.172895
0.000345 0.029630 8.754324
0.75000 0.373155 0.329157 0.172895
0.000345 0.155106 8.909900
1.00000 0.373155 0.347939 0.172895
0.000345 0.313437 9.072564

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.012606 -0.562948 -0.128405
-0.000578 -0.325848 -2.468448
0.25000 -0.012606 -0.544581 -0.128405
-0.000578 -0.165741 -2.330760
0.50000 -0.012606 -0.523606 -0.128405
-0.000578 -0.006654 -2.220565
0.75000 -0.012606 -0.504440 -0.128405
-0.000578 -0.196422 -2.110788
1.00000 -0.012606 -0.496381 -0.128405
-0.000578 -0.409570 -2.028581

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.396250 12.960465 0.240361
0.000438 0.639975 25.130243
0.25000 0.396250 25.786625 0.240361
0.000438 0.355921 64.999542
0.50000 0.396250 56.367399 0.240361
0.000438 0.096911 87.767092
0.75000 0.396250 89.686763 0.240361
0.000438 0.254823 65.376689
1.00000 0.396250 118.931128 0.240361
0.000438 0.469174 25.866063

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.219771 -119.277723 -0.187849
-0.000705 -0.497971 -72.709294
0.25000 -0.219771 -90.037324 -0.187849
-0.000705 -0.264680 -28.119287
0.50000 -0.219771 -56.718101 -0.187849
-0.000705 -0.038503 -27.598564
0.75000 -0.219771 -26.133270 -0.187849
-0.000705 -0.295938 -27.586174
1.00000 -0.219771 -13.303652 -0.187849
-0.000705 -0.589381 -71.768399

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.378845 9.528194 0.266568
0.000633 0.700977 26.949012
0.25000 0.378845 18.635413 0.266568
0.000633 0.383216 55.254478
0.50000 0.378845 40.349299 0.266568
0.000633 0.101877 71.493759
0.75000 0.378845 64.007722 0.266568
0.000633 0.280894 55.750056
1.00000 0.378845 84.772690 0.266568
0.000633 0.521663 27.928470
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4530

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.274926 -85.225375 -0.205757
-0.000845 -0.527226 -54.389361
0.25000 -0.274926 -64.463222 -0.205757
-0.000845 -0.272271 -22.603628
0.50000 -0.274926 -40.804900 -0.205757
-0.000845 -0.034590 -22.109248
0.75000 -0.274926 -19.088133 -0.205757
-0.000845 -0.323245 -21.975697
1.00000 -0.274926 -9.978601 -0.205757
-0.000845 -0.649855 -53.222530

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.418949 7.993270 0.301023
0.000689 0.781538 26.197505
0.25000 0.418949 15.556306 0.301023
0.000689 0.418877 49.710238
0.50000 0.418949 33.575278 0.301023
0.000689 0.099236 63.212597
0.75000 0.418949 53.212145 0.301023
0.000689 0.323219 50.204943
1.00000 0.418949 70.447400 0.301023
0.000689 0.606008 27.183417

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.355064 -70.917460 -0.237850
-0.000740 -0.598811 -46.590360
0.25000 -0.355064 -53.684543 -0.237850
-0.000740 -0.304178 -20.143046
0.50000 -0.355064 -34.047758 -0.237850
-0.000740 -0.032688 -19.668069
0.75000 -0.355064 -16.022496 -0.237850
-0.000740 -0.366487 -19.492625
1.00000 -0.355064 -8.461440 -0.237850
-0.000740 -0.736763 -45.363483

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.014668 9.089362 0.051317
0.000156 0.146798 14.615889
0.25000 0.014668 18.081165 0.051317
0.000156 0.094362 42.438551
0.50000 0.014668 39.518441 0.051317
0.000156 0.057493 58.278403
0.75000 0.014668 62.675482 0.051317
0.000156 0.077674 42.279369
1.00000 0.014668 83.375929 0.051317
0.000156 0.119739 14.873071

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.250732 -83.526368 -0.043940
-0.000170 -0.122088 -50.116316
0.25000 -0.250732 -63.028701 -0.043940
-0.000170 -0.068723 -18.897364
0.50000 -0.250732 -39.671758 -0.043940
-0.000170 -0.024560 -18.571173
0.75000 -0.250732 -18.231638 -0.043940
-0.000170 -0.074167 -18.601236
1.00000 -0.250732 -9.238151 -0.043940
-0.000170 -0.135189 -49.611933

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.098035 8.825546 0.131360
0.000399 0.343944 20.254282
0.25000 0.098035 17.405860 0.131360
0.000399 0.194881 46.661248
0.50000 0.098035 37.863476 0.131360
0.000399 0.078997 62.072914
0.75000 0.098035 60.153126 0.131360
0.000399 0.163509 47.136372
1.00000 0.098035 79.716724 0.131360
0.000399 0.281862 20.800005
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4531

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.328165 -80.008017 -0.105442
-0.000341 -0.266561 -49.948484
0.25000 -0.328165 -60.447072 -0.105442
-0.000341 -0.136719 -20.060644
0.50000 -0.328165 -38.157516 -0.105442
-0.000341 -0.028969 -19.654000
0.75000 -0.328165 -17.697187 -0.105442
-0.000341 -0.272063 -19.587431
1.00000 -0.328165 -9.114693 -0.105442
-0.000341 -0.332838 -49.085441

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.271995 6.245366 0.227095
0.000657 0.593744 23.795482
0.25000 0.271995 11.821362 0.227095
0.000657 0.322539 40.933984
0.50000 0.271995 25.115931 0.227095
0.000657 0.088042 50.793285
0.75000 0.271995 39.601064 0.227095
0.000657 0.248703 41.404295
1.00000 0.271995 52.314647 0.227095
0.000657 0.464045 24.704791

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.355447 -52.743222 -0.180700
-0.000756 -0.452774 -35.444453
0.25000 -0.355447 -40.031362 -0.180700
-0.000756 -0.229699 -15.886990
0.50000 -0.355447 -25.546291 -0.180700
-0.000756 -0.026907 -15.487873
0.75000 -0.355447 -12.249958 -0.180700
-0.000756 -0.273891 -15.309605
1.00000 -0.355447 -6.672546 -0.180700
-0.000756 -0.553263 -34.344240

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.285033 5.271499 0.273374
0.000693 0.704774 23.442613
0.25000 0.285033 9.948375 0.273374
0.000693 0.374371 37.876291
0.50000 0.285033 21.099216 0.273374
0.000693 0.087950 46.189580
0.75000 0.285033 33.248645 0.273374
0.000693 0.307627 38.347207
1.00000 0.285033 43.912184 0.273374
0.000693 0.580265 24.373437

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.462415 -44.361432 -0.225726
-0.000620 -0.558168 -31.995623
0.25000 -0.462415 -33.699339 -0.225726
-0.000620 -0.279086 -14.701313
0.50000 -0.462415 -21.549962 -0.225726
-0.000620 -0.026566 -14.302163
0.75000 -0.462415 -10.397641 -0.225726
-0.000620 -0.332695 -14.068277
1.00000 -0.462415 -5.795578 -0.225726
-0.000620 -0.669863 -29.989192

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.091980 0.076999 0.129586
0.000221 0.323119 5.358617
0.25000 0.091980 0.083756 0.129586
0.000221 0.161980 5.447308
0.50000 0.091980 0.102965 0.129586
0.000221 0.021818 5.527788
0.75000 0.091980 0.123894 0.129586
0.000221 0.160294 5.581892
1.00000 0.091980 0.142263 0.129586
0.000221 0.309066 5.629380
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4532

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.306018 -0.279152 -0.120014
-5.57E-06 -0.288971 -2.309398
0.25000 -0.306018 -0.260785 -0.120014
-5.57E-06 -0.140221 -2.180371
0.50000 -0.306018 -0.239856 -0.120014
-5.57E-06 -0.006323 -2.078161
0.75000 -0.306018 -0.220644 -0.120014
-5.57E-06 -0.161574 -1.976707
1.00000 -0.306018 -0.212585 -0.120014
-5.57E-06 -0.322642 -1.903014

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.237246 0.488951 0.216998
0.000441 0.543133 10.551349
0.25000 0.237246 0.754820 0.216998
0.000441 0.273876 11.444805
0.50000 0.237246 1.388718 0.216998
0.000441 0.041566 11.997078
0.75000 0.237246 2.079383 0.216998
0.000441 0.255692 11.680892
1.00000 0.237246 2.685579 0.216998
0.000441 0.490764 11.034268

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.425974 -2.939918 -0.190063
-0.000131 -0.457151 -5.482746
0.25000 -0.425974 -2.333804 -0.190063
-0.000131 -0.221741 -4.380386
0.50000 -0.425974 -1.643142 -0.190063
-0.000131 -0.011639 -4.191658
0.75000 -0.425974 -1.009160 -0.190063
-0.000131 -0.269001 -4.013578
1.00000 -0.425974 -0.743223 -0.190063
-0.000131 -0.538746 -4.751688

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.179547 0.517194 0.224826
0.000590 0.566504 15.844810
0.25000 0.179547 0.524445 0.224826
0.000590 0.291483 15.831413
0.50000 0.179547 0.541733 0.224826
0.000590 0.059906 15.919536
0.75000 0.179547 0.560569 0.224826
0.000590 0.266768 16.226706
1.00000 0.179547 0.577102 0.224826
0.000590 0.506125 16.585116

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.505936 -0.943171 -0.193772
-0.000322 -0.461443 -5.536355
0.25000 -0.505936 -0.926640 -0.193772
-0.000322 -0.221940 -5.264164
0.50000 -0.505936 -0.907804 -0.193772
-0.000322 -0.014821 -5.017308
0.75000 -0.505936 -0.885314 -0.193772
-0.000322 -0.275892 -4.770038
1.00000 -0.505936 -0.883261 -0.193772
-0.000322 -0.554513 -4.547991

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.235220 5.643923 0.263128
0.000656 0.675176 23.014777
0.25000 0.235220 10.719602 0.263128
0.000656 0.357852 38.664610
0.50000 0.235220 22.821290 0.263128
0.000656 0.087315 47.656685
0.75000 0.235220 36.006717 0.263128
0.000656 0.310965 39.112448
1.00000 0.235220 47.579550 0.263128
0.000656 0.582557 23.881715
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4533

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.570335 -48.008201 -0.225268
-0.000513 -0.554008 -33.250288
0.25000 -0.570335 -36.436937 -0.225268
-0.000513 -0.275595 -15.403653
0.50000 -0.570335 -23.251567 -0.225268
-0.000513 -0.027318 -14.996587
0.75000 -0.570335 -11.148273 -0.225268
-0.000513 -0.279795 -14.790744
1.00000 -0.570335 -6.071305 -0.225268
-0.000513 -0.649612 -32.073518

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.320099 11.257453 0.193319
0.000864 0.487463 26.502149
0.25000 0.320099 33.450005 0.193319
0.000864 0.258077 83.468435
0.50000 0.320099 62.712994 0.193319
0.000864 0.088343 106.273689
0.75000 0.320099 90.223314 0.193319
0.000864 0.237394 83.974629
1.00000 0.320099 119.349870 0.193319
0.000864 0.457191 27.652411

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.455865 -119.636511 -0.181104
-0.001032 -0.461907 -80.601304
0.25000 -0.455865 -90.507843 -0.181104
-0.001032 -0.237133 -30.082097
0.50000 -0.455865 -62.995057 -0.181104
-0.001032 -0.046213 -29.262504
0.75000 -0.455865 -33.733141 -0.181104
-0.001032 -0.250271 -29.677838
1.00000 -0.455865 -11.539860 -0.181104
-0.001032 -0.487201 -79.966479

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.418949 12.960465 0.301023
0.000693 0.781538 26.949012
0.25000 0.418949 25.786625 0.301023
0.000693 0.418877 64.999542
0.50000 0.418949 56.367399 0.301023
0.000693 0.101877 87.767092
0.75000 0.418949 89.686763 0.301023
0.000693 0.323219 65.376689
1.00000 0.418949 118.931128 0.301023
0.000693 0.606008 27.928470

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.570335 -119.277723 -0.237850
-0.000845 -0.598811 -72.709294
0.25000 -0.570335 -90.037324 -0.237850
-0.000845 -0.304178 -28.119287
0.50000 -0.570335 -56.718101 -0.237850
-0.000845 -0.038503 -27.598564
0.75000 -0.570335 -26.133270 -0.237850
-0.000845 -0.366487 -27.586174
1.00000 -0.570335 -13.303652 -0.237850
-0.000845 -0.736763 -71.768399

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.418949 12.960465 0.301023
0.000864 0.781538 26.949012
0.25000 0.418949 33.450005 0.301023
0.000864 0.418877 83.468435

0.50000 0.418949 62.712994 0.301023
0.000864 0.101877 106.273689
0.75000 0.418949 90.223314 0.301023
0.000864 0.323219 83.974629
1.00000 0.418949 119.349870 0.301023
0.000864 0.606008 27.928470
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4534

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.570335 -119.636511 -0.237850
-0.001032 -0.598811 -80.601304
0.25000 -0.570335 -90.507843 -0.237850
-0.001032 -0.304178 -30.082097
0.50000 -0.570335 -62.995067 -0.237850
-0.001032 -0.046213 -29.262504
0.75000 -0.570335 -33.733141 -0.237850
-0.001032 -0.366487 -29.677838
1.00000 -0.570335 -13.303852 -0.237850
-0.001032 -0.736763 -79.966479

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.418949 12.960465 0.301023
0.000864 0.781538 26.949012
0.25000 0.418949 33.450005 0.301023
0.000864 0.608377 83.668435
0.50000 0.418949 62.712994 0.301023
0.000864 0.101877 106.273689
0.75000 0.418949 90.223314 0.301023
0.000864 0.323219 83.974629
1.00000 0.418949 119.349870 0.301023
0.000864 0.606008 27.928470

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.570335 -119.636511 -0.237850
-0.001032 -0.598811 -80.601304
0.25000 -0.570335 -90.507843 -0.237850
-0.001032 -0.304178 -30.082097
0.50000 -0.570335 -62.995067 -0.237850
-0.001032 -0.046213 -29.262504
0.75000 -0.570335 -33.733141 -0.237850
-0.001032 -0.366487 -29.677838
1.00000 -0.570335 -13.303852 -0.237850
-0.001032 -0.736763 -79.966479

ELEM 440 ========== LENGTH = 4.972517

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.429041 0.394622 0.105355
0.000680 0.263234 8.502060
0.25000 0.429041 0.418458 0.105355
0.000680 0.132266 8.344930
0.50000 0.429041 0.442856 0.105355
0.000680 0.025631 8.251484
0.75000 0.429041 0.479373 0.105355
0.000680 0.121074 8.293641
1.00000 0.429041 0.510623 0.105355
0.000680 0.243785 8.404768

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.016041 -0.517592 -0.098718
-0.000429 -0.247156 -1.575163
0.25000 -0.016041 -0.486349 -0.098718
-0.000429 -0.124479 -1.439890
0.50000 -0.016041 -0.456829 -0.098718
-0.000429 -0.004083 -1.358182
0.75000 -0.016041 -0.425432 -0.098718
-0.000429 -0.129703 -1.277826
1.00000 -0.016041 -0.401626 -0.098718
-0.000429 -0.260676 -1.250698

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.480581 11.370779 0.139741
0.000848 0.361910 26.760671
0.25000 0.480581 33.585774 0.139741
0.000848 0.197542 84.200473
0.50000 0.480581 62.849163 0.139741
0.000848 0.088859 106.678239
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4535

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.480581 90.359376 0.139741
0.000848 0.219960 83.929226
1.00000 0.480581 119.484030 0.139741
0.000848 0.405231 26.590363

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.336356 -119.465797 -0.156446
-0.000560 -0.402283 -79.923338
0.25000 -0.336356 -90.347154 -0.156446
-0.000560 -0.210795 -29.365017
0.50000 -0.336356 -62.835096 -0.156446
-0.000560 -0.044601 -28.728366
0.75000 -0.336356 -33.572827 -0.156446
-0.000560 -0.189677 -29.352920
1.00000 -0.336356 -11.385440 -0.156446
-0.000560 -0.360388 -79.566935

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.445603 8.206527 0.161097
0.001037 0.409478 27.684282
0.25000 0.445603 23.330362 0.161097
0.001037 0.215556 66.463739
0.50000 0.445603 43.252702 0.161097
0.001037 0.089878 81.596820
0.75000 0.445603 61.981489 0.161097
0.001037 0.252070 66.173447
1.00000 0.445603 81.809378 0.161097
0.001037 0.465393 27.348417

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.318525 -81.771768 -0.177114
-0.000747 -0.436396 -56.186416
0.25000 -0.318525 -61.947971 -0.177114
-0.000747 -0.218796 -21.667861
0.50000 -0.318525 -43.217926 -0.177114
-0.000747 -0.035087 -21.135677
0.75000 -0.318525 -23.296350 -0.177114
-0.000747 -0.212011 -21.462130
1.00000 -0.318525 -8.191310 -0.177114
-0.000747 -0.410269 -55.548791

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.508667 6.943678 0.189465
0.000925 0.476778 26.403846
0.25000 0.508667 19.493244 0.189465
0.000925 0.246509 58.481763
0.50000 0.508667 36.024547 0.189465
0.000925 0.086774 70.987775
0.75000 0.508667 51.565455 0.189465
0.000925 0.273928 58.184671
1.00000 0.508667 68.018385 0.189465
0.000925 0.515175 26.014563

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.379669 -67.958186 -0.198633
-0.000835 -0.490016 -47.576435
0.25000 -0.379669 -51.508652 -0.198633
-0.000835 -0.245210 -18.878794
0.50000 -0.379669 -35.966701 -0.198633
-0.000835 -0.031627 -18.382642
0.75000 -0.379669 -19.436031 -0.198633
-0.000835 -0.246953 -18.599015
1.00000 -0.379669 -6.902061 -0.198633
-0.000835 -0.480807 -46.829187

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.015380 9.356670 0.028833
0.000220 0.081999 17.355972
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4536

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.015380 27.948618 0.028833
0.000220 0.053989 65.529123
0.50000 0.015380 52.439438 0.028833
0.000220 0.059362 84.395264
0.75000 0.015380 75.463006 0.028833
0.000220 0.102531 65.308002
1.00000 0.015380 99.837717 0.028833
0.000220 0.166663 17.231216

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.372300 -99.805848 -0.058059
-0.000188 -0.147310 -66.025415
0.25000 -0.372300 -75.436168 -0.058059
-0.000188 -0.077864 -23.758907
0.50000 -0.372300 -52.411055 -0.058059
-0.000188 -0.034958 -23.272336
0.75000 -0.372300 -27.921173 -0.058059
-0.000188 -0.051012 -23.841280
1.00000 -0.372300 -9.352330 -0.058059
-0.000188 -0.084331 -65.912133

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.135607 8.957374 0.081915
0.000452 0.211649 22.330144
0.25000 0.135607 26.262188 0.081915
0.000452 0.117075 66.970309
0.50000 0.135607 49.057489 0.081915
0.000452 0.075663 84.405319
0.75000 0.135607 70.487118 0.081915
0.000452 0.171377 66.668863
1.00000 0.135607 93.137448 0.081915
0.000452 0.296527 22.059382

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.388837 -93.118191 -0.106970
-0.000452 -0.259442 -62.815716
0.25000 -0.388837 -70.435643 -0.106970
-0.000452 -0.129390 -23.398564
0.50000 -0.388837 -49.004576 -0.106970
-0.000452 -0.036129 -22.868895
0.75000 -0.388837 -26.210148 -0.106970
-0.000452 -0.117558 -23.437712
1.00000 -0.388837 -8.926840 -0.106970
-0.000452 -0.217080 -62.403231

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.369069 6.939974 0.143728
0.000937 0.363619 25.744233
0.25000 0.369069 19.189208 0.143728
0.000937 0.190041 56.935478
0.50000 0.369069 35.324890 0.143728
0.000937 0.083029 69.103521
0.75000 0.369069 50.493979 0.143728
0.000937 0.226559 56.645992
1.00000 0.369069 66.553063 0.143728
0.000937 0.417986 25.360496

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.419982 -66.504223 -0.158564
-0.000748 -0.387803 -46.164494
0.25000 -0.419982 -50.448354 -0.158564
-0.000748 -0.192858 -18.169485
0.50000 -0.419982 -35.278346 -0.158564
-0.000748 -0.030142 -17.701031
0.75000 -0.419982 -19.143282 -0.158564
-0.000748 -0.189137 -17.928039
1.00000 -0.419982 -6.909271 -0.158564
-0.000748 -0.366216 -45.498421
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4537

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.335042 5.884515 0.179777
0.000771 0.450367 24.475184
0.25000 0.335042 16.145840 0.179777
0.000771 0.231126 50.587917
0.50000 0.335042 29.662889 0.179777
0.000771 0.080631 60.759322
0.75000 0.335042 42.370127 0.179777
0.000771 0.258513 50.297090
1.00000 0.335042 55.823093 0.179777
0.000771 0.486877 24.055433

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.491793 -55.745034 -0.187511
-0.000795 -0.460048 -39.598340
0.25000 -0.491793 -42.294845 -0.187511
-0.000795 -0.228736 -16.093210
0.50000 -0.491793 -29.586754 -0.187511
-0.000795 -0.027687 -15.647443
0.75000 -0.491793 -16.070223 -0.187511
-0.000795 -0.234128 -15.784269
1.00000 -0.491793 -5.821650 -0.187511
-0.000795 -0.456272 -38.826993

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.063368 0.132477 0.094586
7.02E-06 0.232291 4.466420
0.25000 0.063368 0.156313 0.094586
7.02E-06 0.114713 4.466345
0.50000 0.063368 0.187712 0.094586
7.02E-06 0.017094 4.439492
0.75000 0.063368 0.217229 0.094586
7.02E-06 0.109893 4.374004
1.00000 0.063368 0.248479 0.094586
7.02E-06 0.218654 4.282745

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.249901 -0.201907 -0.087504
-0.000260 -0.216495 -1.520890
0.25000 -0.249901 -0.170664 -0.087504
-0.000260 -0.107709 -1.383704
0.50000 -0.249901 -0.141144 -0.087504
-0.000260 -0.003831 -1.300083
0.75000 -0.249901 -0.109747 -0.087504
-0.000260 -0.120471 -1.217861
1.00000 -0.249901 -0.085941 -0.087504
-0.000260 -0.238069 -1.188852

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.265338 0.681637 0.151850
0.000161 0.373416 9.386622
0.25000 0.265338 1.396712 0.151850
0.000161 0.184938 11.992216
0.50000 0.265338 2.338667 0.151850
0.000161 0.033927 11.593025
0.75000 0.265338 3.224189 0.151850
0.000161 0.179203 10.827712
1.00000 0.265338 4.161678 0.151850
0.000161 0.353076 9.052173

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.367291 -4.084599 -0.141085
-0.000514 -0.364111 -5.046054
0.25000 -0.367291 -3.147303 -0.141085
-0.000514 -0.174107 -3.276555
0.50000 -0.367291 -2.261722 -0.141085
-0.000514 -0.007953 -3.113986
0.75000 -0.367291 -1.319803 -0.141085
-0.000514 -0.193883 -2.992090
1.00000 -0.367291 -0.506517 -0.141085
-0.000514 -0.382611 -4.466443
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4538

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.165142 1.220527 0.159647
0.000413 0.392618 15.356813
0.25000 0.165142 2.357496 0.159647
0.000413 0.194611 17.855746
0.50000 0.165142 3.855204 0.159647
0.000413 0.051721 18.761743
0.75000 0.165142 5.263183 0.159647
0.000413 0.222513 17.617878
1.00000 0.165142 6.753791 0.159647
0.000413 0.423867 14.897729

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.448397 -6.660145 -0.162897
-0.000680 -0.388781 -7.438219
0.25000 -0.448397 -5.169846 -0.162897
-0.000680 -0.187001 -4.660229
0.50000 -0.448397 -3.761771 -0.162897
-0.000680 -0.011119 -4.437246
0.75000 -0.448397 -2.264121 -0.162897
-0.000680 -0.204356 -4.278883
1.00000 -0.448397 -1.128565 -0.162897
-0.000680 -0.402724 -6.658544

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.255467 6.717813 0.177164
0.000634 0.434418 24.479466
0.25000 0.255467 18.838334 0.177164
0.000634 0.228951 55.475586
0.50000 0.255467 34.804464 0.177164
0.000634 0.082182 67.549910
0.75000 0.255467 49.814060 0.177164
0.000634 0.260181 55.149478
1.00000 0.255467 65.704496 0.177164
0.000634 0.486802 24.034399

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.613349 -65.615533 -0.186732
-0.000765 -0.458662 -46.044447
0.25000 -0.613349 -49.728436 -0.186732
-0.000765 -0.228626 -18.320243
0.50000 -0.613349 -34.717833 -0.186732
-0.000765 -0.030744 -17.833345
0.75000 -0.613349 -18.752314 -0.186732
-0.000765 -0.213262 -18.034621
1.00000 -0.613349 -6.646857 -0.186732
-0.000765 -0.451921 -45.291970

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.545471 0.361180 0.141804
0.000583 0.362964 9.031376
0.25000 0.545471 0.369237 0.141804
0.000583 0.187600 8.945954
0.50000 0.545471 0.388447 0.141804
0.000583 0.030486 8.866639
0.75000 0.545471 0.409377 0.141804
0.000583 0.166581 8.824199
1.00000 0.545471 0.427747 0.141804
0.000583 0.325075 8.807808

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.022558 -0.455137 -0.127613
-0.000351 -0.312666 -2.001610
0.25000 -0.022558 -0.436767 -0.127613
-0.000351 -0.154401 -1.870421
0.50000 -0.022558 -0.418539 -0.127613
-0.000351 -0.005097 -1.766990
0.75000 -0.022558 -0.396628 -0.127613
-0.000351 -0.168801 -1.663916
1.00000 -0.022558 -0.388577 -0.127613
-0.000351 -0.344188 -1.588420
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4539

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.582545 13.096136 0.190208
0.000696 0.491021 25.836155
0.25000 0.582545 25.921693 0.190208
0.000696 0.273497 65.421448
0.50000 0.582545 56.504768 0.190208
0.000696 0.097498 87.882168
0.75000 0.582545 89.824826 0.190208
0.000696 0.299887 65.186657
1.00000 0.582545 119.070466 0.190208
0.000696 0.542371 25.346933

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.313008 -119.072205 -0.206849
-0.000441 -0.518265 -71.702077
0.25000 -0.313008 -89.826836 -0.206849
-0.000441 -0.265904 -27.114240
0.50000 -0.313008 -56.509831 -0.206849
-0.000441 -0.035740 -26.776428
0.75000 -0.313008 -25.925681 -0.206849
-0.000441 -0.251813 -26.594498
1.00000 -0.313008 -13.107211 -0.206849
-0.000441 -0.486974 -71.096326

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.556879 9.716913 0.221959
0.000859 0.565168 27.926443
0.25000 0.556879 18.823704 0.221959
0.000859 0.303981 55.819330
0.50000 0.556879 40.539223 0.221959
0.000859 0.102778 71.630148
0.75000 0.556879 64.198139 0.221959
0.000859 0.367004 55.457546
1.00000 0.556879 84.964013 0.221959
0.000859 0.667004 27.183718

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.359234 -84.971077 -0.250523
-0.000627 -0.604907 -53.182054
0.25000 -0.359234 -64.205395 -0.250523
-0.000627 -0.298594 -21.395842
0.50000 -0.359234 -40.548648 -0.250523
-0.000627 -0.031067 -21.029521
0.75000 -0.359234 -18.832364 -0.250523
-0.000627 -0.288898 -21.023078
1.00000 -0.359234 -9.730606 -0.250523
-0.000627 -0.563544 -52.245877

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.601869 8.196622 0.264184
0.000754 0.666298 27.190783
0.25000 0.601869 15.755403 0.264184
0.000754 0.350099 50.254580
0.50000 0.601869 33.779630 0.264184
0.000754 0.100259 63.313495
0.75000 0.601869 53.416907 0.264184
0.000754 0.422353 49.857857
1.00000 0.601869 70.652913 0.264184
0.000754 0.779179 26.361918

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.438578 -70.650301 -0.294782
-0.000672 -0.708795 -45.340870
0.25000 -0.438578 -53.414454 -0.294782
-0.000672 -0.346779 -18.895009
0.50000 -0.438578 -33.778977 -0.294782
-0.000672 -0.028786 -18.521080
0.75000 -0.438578 -15.754116 -0.294782
-0.000672 -0.340855 -18.445712
1.00000 -0.438578 -8.199512 -0.294782
-0.000672 -0.668324 -44.291058
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4540

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.017998 9.157445 0.039792
0.000182 0.101539 14.899129
0.25000 0.017998 18.148225 0.039792
0.000182 0.064854 42.601269
0.50000 0.017998 39.587114 0.039792
0.000182 0.057651 58.291188
0.75000 0.017998 62.944642 0.039792
0.000182 0.129216 42.443007
1.00000 0.017998 83.445983 0.039792
0.000182 0.213177 14.589016

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.342293 -83.424976 -0.075676
-0.000153 -0.183560 -49.589598
0.25000 -0.342293 -62.923825 -0.075676
-0.000153 -0.092744 -18.396092
0.50000 -0.342293 -39.568437 -0.075676
-0.000153 -0.023267 -18.162259
0.75000 -0.342293 -18.128794 -0.075676
-0.000153 -0.067690 -18.313374
1.00000 -0.342293 -9.142982 -0.075676
-0.000153 -0.117156 -49.296561

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.136716 8.960652 0.118469
0.000370 0.229757 20.844622
0.25000 0.136716 17.540563 0.118469
0.000370 0.161717 47.171907
0.50000 0.136716 37.999718 0.118469
0.000370 0.079430 62.101311
0.75000 0.136716 60.289832 0.118469
0.000370 0.256606 46.881473
1.00000 0.136716 79.854284 0.118469
0.000370 0.448971 20.235753

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.407255 -79.831720 -0.162950
-0.000372 -0.384676 -49.082885
0.25000 -0.407255 -60.267450 -0.162950
-0.000372 -0.186671 -19.185783
0.50000 -0.407255 -37.979379 -0.162950
-0.000372 -0.026553 -18.890755
0.75000 -0.407255 -17.519504 -0.162950
-0.000372 -0.168318 -18.934769
1.00000 -0.407255 -8.944334 -0.162950
-0.000372 -0.315769 -48.401594

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.390694 6.432768 0.195178
0.000779 0.492238 24.733625
0.25000 0.390694 12.008502 0.195178
0.000779 0.259908 41.475931
0.50000 0.390694 25.304071 0.195178
0.000779 0.088689 50.932561
0.75000 0.390694 39.789506 0.195178
0.000779 0.344797 41.082173
1.00000 0.390694 52.503644 0.195178
0.000779 0.628680 23.964383

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.455635 -52.505761 -0.234646

-0.000618	-0.555898	-34.328980	
0.25000	-0.455635	-39.791741	-0.234646
-0.000618	-0.268595	-14.768297	
0.50000	-0.455635	-25.307634	-0.234646
-0.000618	-0.023459	-14.444584	
0.75000	-0.455635	-12.011597	-0.234646
-0.000618	-0.253792	-14.341036	
1.00000	-0.455635	-6.438944	-0.234646
-0.000618	-0.495276	-33.358204	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.393635	5.473911	0.248481
0.000638	0.621526	24.405904	
0.25000	0.393635	10.150567	0.248481
0.000638	0.321035	38.396319	
0.50000	0.393635	21.302247	0.248481
0.000638	0.088626	46.256443	
0.75000	0.393635	33.451929	0.248481
0.000638	0.417800	37.951133	
1.00000	0.393635	44.115933	0.248481
0.000638	0.774466	23.524722	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.569408	-44.105064	-0.292189
-0.000655	-0.693963	-29.996931	
0.25000	-0.569408	-33.441159	-0.292189
-0.000655	-0.334659	-13.519765	
0.50000	-0.569408	-21.292591	-0.292189
-0.000655	-0.022636	-13.177855	
0.75000	-0.569408	-10.140518	-0.292189
-0.000655	-0.320717	-13.020628	
1.00000	-0.569408	-5.466447	-0.292189
-0.000655	-0.628839	-28.900819	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097514	0.147436	0.135089
5.93E-06	0.330877	5.642264	
0.25000	0.097514	0.155492	0.135089
5.93E-06	0.162699	5.562708	
0.50000	0.097514	0.174703	0.135089
5.93E-06	0.022026	5.475245	
0.75000	0.097514	0.195632	0.135089
5.93E-06	0.210075	5.364070	
1.00000	0.097514	0.214003	0.135089
5.93E-06	0.403943	5.243922	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.359709	-0.193331	-0.155949
-0.000214	-0.371427	-1.935535	
0.25000	-0.359709	-0.174961	-0.155949
-0.000214	-0.177734	-1.796591	
0.50000	-0.359709	-0.156533	-0.155949
-0.000214	-0.004676	-1.685225	
0.75000	-0.359709	-0.134822	-0.155949
-0.000214	-0.172773	-1.574319	
1.00000	-0.359709	-0.126770	-0.155949
-0.000214	-0.341087	-1.488986	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297468	0.617882	0.220583
0.000140	0.542518	11.060555	
0.25000	0.297468	0.883738	0.220583
0.000140	0.268589	11.659543	
0.50000	0.297468	1.517684	0.220583
0.000140	0.041869	11.946113	
0.75000	0.297468	2.208363	0.220583
0.000140	0.337634	11.357636	
1.00000	0.297468	2.814586	0.220583
0.000140	0.644851	10.428179	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.488318	-2.786047	-0.247986
-0.000420	-0.488904	-4.889304	
0.25000	-0.488318	-2.179830	-0.247986
-0.000420	-0.282547	-3.685220	
0.50000	-0.488318	-1.489214	-0.247986
-0.000420	-0.008873	-3.460823	
0.75000	-0.488318	-0.855246	-0.247986
-0.000420	-0.281302	-3.272565	
1.00000	-0.488318	-0.698536	-0.247986
-0.000420	-0.556025	-3.982559	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218446	0.696831	0.226785
0.000339	0.555069	16.637315	
0.25000	0.218446	0.704082	0.226785
0.000339	0.274599	16.227124	
0.50000	0.218446	0.721371	0.226785
0.000339	0.060578	15.908408	
0.75000	0.218446	0.740208	0.226785
0.000339	0.389971	15.786372	
1.00000	0.218446	0.756741	0.226785
0.000339	0.731461	15.764061	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.593757	-0.731471	-0.274990
-0.000567	-0.639362	-4.600672	
0.25000	-0.593757	-0.714938	-0.274990
-0.000567	-0.399690	-4.413432	
0.50000	-0.593757	-0.696103	-0.274990
-0.000567	-0.011357	-4.051273	
0.75000	-0.593757	-0.678813	-0.274990
-0.000567	-0.291912	-3.789384	
1.00000	-0.593757	-0.671566	-0.274990
-0.000567	-0.574418	-3.552437	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.301779	5.843829	0.247136
0.000526	0.613557	23.926020	
0.25000	0.301779	0.911270	0.247136
0.000526	0.315317	39.147289	
0.50000	0.301779	23.021868	0.247136
0.000526	0.088074	47.683904	
0.75000	0.301779	36.207570	0.247136
0.000526	0.431963	38.679313	
1.00000	0.301779	47.780907	0.247136
0.000526	0.799997	23.003489	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.702886	-47.756468	-0.301120
-0.000634	-0.713244	-32.093160	
0.25000	-0.702886	-36.183237	-0.301120
-0.000634	-0.342768	-14.234427	
0.50000	-0.702886	-22.998744	-0.301120
-0.000634	-0.023367	-13.886564	
0.75000	-0.702886	-10.895720	-0.301120
-0.000634	-0.323344	-13.739064	
1.00000	-0.702886	-5.820084	-0.301120
-0.000634	-0.630443	-30.996915	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.508667	11.370779	0.189465
0.001037	0.476778	27.684282	
0.25000	0.508667	33.585774	0.189465
0.001037	0.246509	84.200473	
0.50000	0.508667	62.849163	0.189465
0.001037	0.089878	106.678239	
0.75000	0.508667	90.359376	0.189465
0.001037	0.273928	83.929226	
1.00000	0.508667	119.484030	0.189465
0.001037	0.515175	27.348417	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.613349	-119.465797	-0.198633
-0.000835	-0.490016	-79.923338	
0.25000	-0.613349	-90.347154	-0.198633
-0.000835	-0.245210	-29.365017	
0.50000	-0.613349	-62.835096	-0.198633
-0.000835	-0.044601	-28.728366	
0.75000	-0.613349	-33.572827	-0.198633
-0.000835	-0.246953	-29.352920	
1.00000	-0.613349	-11.385440	-0.198633
-0.000835	-0.480807	-79.566935	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.601869	13.096136	0.264184
0.000859	0.666298	27.926443	
0.25000	0.601869	25.921693	0.264184
0.000859	0.350009	65.421448	
0.50000	0.601869	56.504768	0.264184
0.000859	0.102778	87.882168	
0.75000	0.601869	89.824826	0.264184
0.000859	0.431963	65.186657	
1.00000	0.601869	119.070466	0.264184
0.000859	0.799997	27.183718	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.702886	-119.072915	-0.301120
-0.000672	-0.713244	-71.702077	
0.25000	-0.702886	-89.826836	-0.301120
-0.000672	-0.346779	-27.114240	
0.50000	-0.702886	-56.509831	-0.301120
-0.000672	-0.035740	-26.776428	
0.75000	-0.702886	-25.925681	-0.301120
-0.000672	-0.340855	-26.400498	
1.00000	-0.702886	-13.107211	-0.301120
-0.000672	-0.668324	-71.096326	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.601869	13.096136	0.264184
0.001037	0.666298	27.926443	
0.25000	0.601869	33.585774	0.264184
0.001037	0.350009	84.200473	
0.50000	0.601869	62.849163	0.264184
0.001037	0.102778	106.678239	
0.75000	0.601869	90.359376	0.264184
0.001037	0.431963	83.929226	
1.00000	0.601869	119.484030	0.264184
0.001037	0.799997	27.348417	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.702886	-119.465797	-0.301120
-0.000835	-0.713244	-79.923338	
0.25000	-0.702886	-90.347154	-0.301120
-0.000835	-0.346779	-29.365017	
0.50000	-0.702886	-62.835096	-0.301120
-0.000835	-0.044601	-28.728366	
0.75000	-0.702886	-33.572827	-0.301120
-0.000835	-0.340855	-29.352920	
1.00000	-0.702886	-13.107211	-0.301120
-0.000835	-0.668324	-79.566935	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.601869	13.096136	0.264184
0.001037	0.666298	27.926443	
0.25000	0.601869	33.585774	0.264184
0.001037	0.350009	84.200473	
0.50000	0.601869	62.849163	0.264184
0.001037	0.102778	106.678239	
0.75000	0.601869	90.359376	0.264184
0.001037	0.431963	83.929226	
1.00000	0.601869	119.484030	0.264184
0.001037	0.799997	27.348417	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.702886	-119.465797	-0.301120
-0.000835	-0.713244	-79.923338	
0.25000	-0.702886	-90.347154	-0.301120
-0.000835	-0.346779	-29.365017	
0.50000	-0.702886	-62.835096	-0.301120
-0.000835	-0.044601	-28.728366	
0.75000	-0.702886	-33.572827	-0.301120
-0.000835	-0.340855	-29.352920	
1.00000	-0.702886	-13.107211	-0.301120
-0.000835	-0.668324	-79.566935	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 441 ========== LENGTH = 4.972319

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.650267	0.476661	0.102738
0.000972	0.256415	8.405177	
0.25000	0.650267	0.530542	0.102738
0.000972	0.128710	8.083923	
0.50000	0.650267	0.531941	0.102738
0.000972	0.024247	7.803368	
0.75000	0.650267	0.561461	0.102738
0.000972	0.117580	7.595652	
1.00000	0.650267	0.592727	0.102738
0.000972	0.236345	7.540922	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040631	-0.407209	-0.095541
-0.000150	-0.238766	-1.242908	
0.25000	-0.040631	-0.375967	-0.095541
-0.000150	-0.119995	-1.112886	
0.50000	-0.040631	-0.346448	-0.095541
-0.000150	-0.003098	-1.036397	
0.75000	-0.040631	-0.315053	-0.095541
-0.000150	-0.126751	-0.960985	
1.00000	-0.040631	-0.291246	-0.095541
-0.000150	-0.254445	-0.939391	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.713311	11.425766	0.132556
0.001264	0.330997	26.630265	
0.25000	0.713311	33.682579	0.132556
0.001264	0.179271	83.759229	
0.50000	0.713311	62.946807	0.132556
0.001264	0.086555	105.977991	
0.75000	0.713311	90.459479	0.132556
0.001264	0.237986	82.232951	
1.00000	0.713311	119.599115	0.132556
0.001264	0.448952	25.292188	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.502382	-119.299672	-0.173944
-0.000227	-0.444350	-79.526714	
0.25000	-0.502382	-90.182489	-0.173944
-0.000227	-0.231380	-29.034685	
0.50000	-0.502382	-62.670670	-0.173944
-0.000227	-0.043885	-28.435293	
0.75000	-0.502382	-33.413011	-0.173944
-0.000227	-0.179462	-28.839832	
1.00000	-0.502382	-11.222360	-0.173944
-0.000227	-0.339062	-79.326431	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.656539	8.321924	0.158081
0.001360	0.393228	27.403031	
0.25000	0.656539	23.474229	0.158081
0.001360	0.205548	65.802725	
0.50000	0.656539	43.397139	0.158081
0.001360	0.086263	80.560865	
0.75000	0.656539	62.127601	0.158081
0.001360	0.303330	64.227737	
1.00000	0.656539	81.965691	0.158081
0.001360	0.574101	25.512639	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.483904	-81.559784	-0.220904
-0.000488	-0.544263	-55.528128	
0.25000	-0.483904	-61.736980	-0.220904
-0.000488	-0.272162	-21.052297	
0.50000	-0.483904	-43.007099	-0.220904
-0.000488	-0.033389	-20.553080	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.483904	-23.086618	-0.220904
-0.000488	-0.207284	-20.732333	
1.00000	-0.483904	-7.981398	-0.220904
-0.000488	-0.400316	-55.007167	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.748873	7.090435	0.190275
0.001131	0.471968	26.064342	
0.25000	0.748873	19.663623	0.190275
0.001131	0.242750	57.737290	
0.50000	0.748873	36.195400	0.190275
0.001131	0.082561	69.855931	
0.75000	0.748873	51.737699	0.190275
0.001131	0.332609	56.203265	
1.00000	0.748873	68.199092	0.190275
0.001131	0.629066	23.993976	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522534	-67.755367	-0.241146
-0.000742	-0.553294	-46.210610	
0.25000	-0.522534	-51.306658	-0.241146
-0.000742	-0.291817	-18.166149	
0.50000	-0.522534	-35.764842	-0.241146
-0.000742	-0.029549	-17.692771	
0.75000	-0.522534	-19.235081	-0.241146
-0.000742	-0.246721	-17.786549	
1.00000	-0.522534	-6.700963	-0.241146
-0.000742	-0.480401	-46.172405	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.025435	9.346788	0.026453
0.000276	0.065568	17.275302	
0.25000	0.025435	27.973734	0.026453
0.000276	0.043616	65.280903	
0.50000	0.025435	52.465256	0.026453
0.000276	0.058060	84.069967	
0.75000	0.025435	75.490883	0.026453
0.000276	0.140766	64.408811	
1.00000	0.025435	99.878132	0.026453
0.000276	0.250344	16.678464	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.545574	-99.742960	-0.091861
-0.000161	-0.230635	-65.888261	
0.25000	-0.545574	-75.374502	-0.091861
-0.000161	-0.119230	-23.673005	
0.50000	-0.545574	-52.349589	-0.091861
-0.000161	-0.034613	-23.213389	
0.75000	-0.545574	-27.861055	-0.091861
-0.000161	-0.046564	-23.593973	
1.00000	-0.545574	-9.291990	-0.091861
-0.000161	-0.075130	-65.888668	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197891	9.013603	0.083017
0.000375	0.204923	22.116479	
0.25000	0.197891	26.350992	0.083017
0.000375	0.111849	66.459729	
0.50000	0.197891	49.146946	0.083017
0.000375	0.072748	83.690753	
0.75000	0.197891	70.578491	0.083017
0.000375	0.243526	65.143900	
1.00000	0.197891	93.277392	0.083017
0.000375	0.444094	20.780803	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.553277	-92.988287	-0.164939
-0.000532	-0.398977	-62.393236	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.553277	-70.306875	-0.164939
-0.000532	-0.196886	-23.024261	
0.50000	-0.553277	-48.875995	-0.164939
-0.000532	-0.035148	-22.520164	
0.75000	-0.553277	-26.082821	-0.164939
-0.000532	-0.117216	-22.798110	
1.00000	-0.553277	-8.799307	-0.164939
-0.000532	-0.216483	-62.088421	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.519053	7.058973	0.143242
0.001078	0.355544	25.423623	
0.25000	0.519053	19.331265	0.143242
0.001078	0.184628	56.235960	
0.50000	0.519053	35.467410	0.143242
0.001078	0.079186	68.083155	
0.75000	0.519053	50.637756	0.143242
0.001078	0.292233	54.876734	
1.00000	0.519053	66.705201	0.143242
0.001078	0.538916	23.563872	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.601661	-66.306491	-0.205746
-0.000599	-0.500619	-45.489846	
0.25000	-0.601661	-50.251426	-0.205746
-0.000599	-0.247017	-17.533250	
0.50000	-0.601661	-35.081551	-0.205746
-0.000599	-0.028305	-17.087207	
0.75000	-0.601661	-18.947374	-0.205746
-0.000599	-0.187481	-17.194736	
1.00000	-0.601661	-6.713217	-0.205746
-0.000599	-0.362769	-44.917221	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.472997	6.032235	0.182989
0.000899	0.453056	24.111326	
0.25000	0.472997	16.312877	0.182989
0.000899	0.231564	49.812383	
0.50000	0.472997	29.830312	0.182989
0.000899	0.076243	59.618393	
0.75000	0.472997	42.538687	0.182989
0.000899	0.325605	48.437272	
1.00000	0.472997	55.998576	0.182989
0.000899	0.604434	22.091148	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.664188	-55.578141	-0.230474
-0.000839	-0.557041	-38.833705	
0.25000	-0.664188	-42.128626	-0.230474
-0.000839	-0.275781	-15.360031	
0.50000	-0.664188	-29.420645	-0.230474
-0.000839	-0.025492	-14.932303	
0.75000	-0.664188	-15.904858	-0.230474
-0.000839	-0.236753	-14.968307	
1.00000	-0.664188	-5.656163	-0.230474
-0.000839	-0.461941	-38.137694	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068138	0.207505	0.100129
4.19E-06	0.246772	4.287182	
0.25000	0.068138	0.231386	0.100129
4.19E-06	0.122309	4.147010	
0.50000	0.068138	0.262785	0.100129
4.19E-06	0.015206	3.983208	
0.75000	0.068138	0.292305	0.100129
4.19E-06	0.127634	3.778218	
1.00000	0.068138	0.323571	0.100129
4.19E-06	0.242073	3.549413	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.299444	-0.201139	-0.092135
-0.000508	-0.222402	-1.210954	
0.25000	-0.299444	-0.169897	-0.092135
-0.000508	-0.110682	-1.072633	
0.50000	-0.299444	-0.140378	-0.092135
-0.000508	-0.002799	-0.987846	
0.75000	-0.299444	-0.108983	-0.092135
-0.000508	-0.126642	-0.904148	
1.00000	-0.299444	-0.085176	-0.092135
-0.000508	-0.251114	-0.874210	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362245	0.814009	0.160586
4.32E-05	0.395807	9.064763	
0.25000	0.362245	1.530430	0.160586
4.32E-05	0.196602	10.440017	
0.50000	0.362245	2.472411	0.160586
4.32E-05	0.030652	10.822062	
0.75000	0.362245	3.358012	0.160586
4.32E-05	0.222409	9.713300	
1.00000	0.362245	4.295984	0.160586
4.32E-05	0.419805	7.709169	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.414584	-4.038927	-0.159155
-0.000879	-0.378827	-4.500097	
0.25000	-0.414584	-3.101679	-0.159155
-0.000879	-0.185175	-2.731184	
0.50000	-0.414584	-2.216106	-0.159155
-0.000879	-0.010672	-2.585265	
0.75000	-0.414584	-1.274239	-0.159155
-0.000879	-0.203589	-2.437682	
1.00000	-0.414584	-0.560044	-0.159155
-0.000879	-0.403050	-3.919216	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.214995	1.380671	0.169214
0.000308	0.416877	14.938272	
0.25000	0.214995	2.519780	0.169214
0.000308	0.207205	17.105114	
0.50000	0.214995	4.017531	0.169214
0.000308	0.047349	17.690405	
0.75000	0.214995	5.425637	0.169214
0.000308	0.297215	16.144221	
1.00000	0.214995	6.917011	0.169214
0.000308	0.558414	13.094823	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.575895	-6.557333	-0.210755
-0.000982	-0.497250	-6.693330	
0.25000	-0.575895	-5.067108	-0.210755
-0.000982	-0.239479	-3.918676	
0.50000	-0.575895	-3.659046	-0.210755
-0.000982	-0.008732	-3.697548	
0.75000	-0.575895	-2.161478	-0.210755
-0.000982	-0.215016	-3.527815	
1.00000	-0.575895	-1.025909	-0.210755
-0.000982	-0.425137	-5.921326	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.333632	6.857242	0.181725
0.000692	0.449316	24.092244	
0.25000	0.333632	19.000579	0.181725
0.000692	0.230502	54.675608	
0.50000	0.333632	34.967167	0.181725
0.000692	0.077689	66.415851	
0.75000	0.333632	49.978104	0.181725
0.000692	0.337282	53.262118	
1.00000	0.333632	65.876715	0.181725
0.000692	0.626241	21.105572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4548

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.824744	-65.475696	-0.232904
-0.000911	-0.562099	-45.302470	
0.25000	-0.824744	-49.589335	-0.232904
-0.000911	-0.278766	-17.613207	
0.50000	-0.824744	-34.578863	-0.232904
-0.000911	-0.028627	-1.145417	
0.75000	-0.824744	-18.614222	-0.232904
-0.000911	-0.237233	-17.225384	
1.00000	-0.824744	-6.508621	-0.232904
-0.000911	-0.460405	-44.630156	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.812707	0.455214	0.130608
0.000897	0.327109	8.782765	
0.25000	0.812707	0.463286	0.130608
0.000897	0.165480	8.470803	
0.50000	0.812707	0.482498	0.130608
0.000897	0.028374	8.191989	
0.75000	0.812707	0.503427	0.130608
0.000897	0.198382	7.937719	
1.00000	0.812707	0.521794	0.130608
0.000897	0.383244	7.726726	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063665	-0.351821	-0.148557
-0.000153	-0.357126	-1.564544	
0.25000	-0.063665	-0.333452	-0.148557
-0.000153	-0.172407	-1.440285	
0.50000	-0.063665	-0.312524	-0.148557
-0.000153	-0.003766	-1.343574	
0.75000	-0.063665	-0.293314	-0.148557
-0.000153	-0.160971	-1.247101	
1.00000	-0.063665	-0.285262	-0.148557
-0.000153	-0.323072	-1.178697	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.871857	13.108431	0.172609
0.001138	0.432263	25.341061	
0.25000	0.871857	25.958685	0.172609
0.001138	0.237996	64.649059	
0.50000	0.871857	56.543838	0.172609
0.001138	0.094082	86.818662	
0.75000	0.871857	89.862508	0.172609
0.001138	0.373148	63.754546	
1.00000	0.871857	119.703741	0.172609
0.001138	0.683211	23.646834	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.472503	-118.871018	-0.261090
-0.000220	-0.640658	-71.032374	
0.25000	-0.472503	-89.627179	-0.261090
-0.000220	-0.320903	-26.469417	
0.50000	-0.472503	-56.310335	-0.261090
-0.000220	-0.034176	-26.131747	
0.75000	-0.472503	-25.728919	-0.261090
-0.000220	-0.237792	-26.037677	
1.00000	-0.472503	-12.910010	-0.261090
-0.000220	-0.452132	-70.302105	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.826333	9.815879	0.215768
0.001221	0.535049	27.214044	
0.25000	0.826333	18.940205	0.215768
0.001221	0.281368	54.731754	
0.50000	0.826333	40.657201	0.215768
0.001221	0.097708	70.129137	
0.75000	0.826333	64.315131	0.215768
0.001221	0.487621	53.489195	
1.00000	0.826333	85.077876	0.215768
0.001221	0.905036	24.817672	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4549

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514855	-84.738851	-0.344375
-0.000440	-0.826450	-52.211305	
0.25000	-0.514855	-63.974256	-0.344375
-0.000440	-0.402258	-20.446096	
0.50000	-0.514855	-40.317623	-0.344375
-0.000440	-0.026380	-20.083126	
0.75000	-0.514855	-18.603280	-0.344375
-0.000440	-0.287312	-19.892904	
1.00000	-0.514855	-9.501211	-0.344375
-0.000440	-0.555403	-51.199210	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.870719	8.341555	0.263288
0.001016	0.651366	26.407019	
0.25000	0.870719	15.914891	0.263288
0.001016	0.335902	49.053620	
0.50000	0.870719	33.940343	0.263288
0.001016	0.094477	61.654073	
0.75000	0.870719	53.576802	0.263288
0.001016	0.556814	47.701752	
1.00000	0.870719	70.810211	0.263288
0.001016	1.043101	23.779535	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.580346	-70.428767	-0.398377
-0.000645	-0.953624	-44.283049	
0.25000	-0.580346	-53.193822	-0.398377
-0.000645	-0.462819	-17.846987	
0.50000	-0.580346	-33.558439	-0.398377
-0.000645	-0.035701	-17.475272	
0.75000	-0.580346	-15.535190	-0.398377
-0.000645	-0.344751	-17.246915	
1.00000	-0.580346	-7.980327	-0.398377
-0.000645	-0.672249	-43.161173	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030616	9.122172	0.039627
0.000238	0.097737	14.624620	
0.25000	0.030616	18.130265	0.039627
0.000238	0.061976	42.226580	
0.50000	0.030616	39.570611	0.039627
0.000238	0.055789	57.800873	
0.75000	0.030616	62.927166	0.039627
0.000238	0.184778	41.782420	
1.00000	0.030616	83.425417	0.039627
0.000238	0.324919	13.841091	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474834	-83.333437	-0.121307
-0.000136	-0.295509	-49.274849	
0.25000	-0.474834	-62.833359	-0.121307
-0.000136	-0.147992	-18.064730	
0.50000	-0.474834	-39.478084	-0.121307
-0.000136	-0.022574	-17.856862	
0.75000	-0.474834	-18.040358	-0.121307
-0.000136	-0.067846	-17.819747	
1.00000	-0.474834	-9.054238	-0.121307
-0.000136	-0.117201	-48.877622	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.188964	9.001824	0.126188
0.000331	0.309257	20.302377	
0.25000	0.188964	17.596256	0.126188
0.000331	0.165235	46.440203	
0.50000	0.188964	38.058801	0.126188
0.000331	0.075439	61.056347	
0.75000	0.188964	60.347987	0.126188
0.000331	0.366237	45.525613	
1.00000	0.188964	79.909491	0.126188
0.000331	0.669580	18.635656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4550

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.536415	-79.680614	-0.252416
-0.000432	-0.602713	-48.402746	
0.25000	-0.536415	-60.117367	-0.252416
-0.000432	-0.292574	-18.519473	
0.50000	-0.536415	-37.829403	-0.252416
-0.000432	-0.024679	-18.221203	
0.75000	-0.536415	-17.371358	-0.252416
-0.000432	-0.176785	-18.085762	
1.00000	-0.536415	-8.795894	-0.252416
-0.000432	-0.333946	-47.624672	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.562284	6.558985	0.199110
0.000972	0.491213	24.024276	
0.25000	0.562284	12.145455	0.199110
0.000972	0.252079	40.421574	
0.50000	0.562284	25.441928	0.199110
0.000972	0.083402	49.435448	
0.75000	0.562284	39.926759	0.199110
0.000972	0.474430	39.149792	
1.00000	0.562284	52.638981	0.199110
0.000972	0.882678	21.669561	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.625929	-52.304608	-0.335799
-0.000529	-0.797940	-33.349716	
0.25000	-0.625929	-39.591252	-0.335799
-0.000529	-0.382640	-13.804130	
0.50000	-0.625929	-25.107215	-0.335799
-0.000529	-0.020569	-13.484365	
0.75000	-0.625929	-11.812367	-0.335799
-0.000529	-0.261008	-13.270328	
1.00000	-0.625929	-6.239524	-0.335799
-0.000529	-0.508616	-32.340347	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.548882	5.648133	0.257458
0.000812	0.634538	23.347853	
0.25000	0.548882	10.333795	0.257458
0.000812	0.321116	37.184451	
0.50000	0.548882	21.486233	0.257458
0.000812	0.082570	44.585452	
0.75000	0.548882	33.635408	0.257458
0.000812	0.560590	35.791561	
1.00000	0.548882	44.297905	0.257458
0.000812	1.053902	20.962042	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.737138	-43.920202	-0.402955
-0.000743	-0.959336	-28.916870	
0.25000	-0.737138	-33.256855	-0.402955
-0.000743	-0.461523	-12.451693	
0.50000	-0.737138	-21.108345	-0.402955
-0.000743	-0.019377	-12.112212	
0.75000	-0.737138	-9.957270	-0.402955
-0.000743	-0.253400	-11.951535	
1.00000	-0.737138	-5.283038	-0.402955
-0.000743	-0.653914	-27.785154	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104985	0.256352	0.144873
4.25E-06	0.356574	5.275905	
0.25000	0.104985	0.264424	0.144873
4.25E-06	0.176016	5.033363	
0.50000	0.104985	0.283636	0.144873
4.25E-06	0.019358	4.786312	
0.75000	0.104985	0.304565	0.144873
4.25E-06	0.263534	4.516395	
1.00000	0.104985	0.322932	0.144873
4.25E-06	0.508555	4.240273	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4551

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.424234	-0.175793	-0.197146
-0.000480	-0.473831	-1.525516	
0.25000	-0.424234	-0.157244	-0.197146
-0.000480	-0.229781	-1.385805	
0.50000	-0.424234	-0.136496	-0.197146
-0.000480	-0.003287	-1.273525	
0.75000	-0.424234	-0.117287	-0.197146
-0.000480	-0.183547	-1.161409	
1.00000	-0.424234	-0.109235	-0.197146
-0.000480	-0.364119	-1.076115	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.375759	0.791663	0.234896
4.01E-05	0.577971	10.485374	
0.25000	0.375759	1.058031	0.234896
4.01E-05	0.285696	10.785508	
0.50000	0.375759	1.692020	0.234896
4.01E-05	0.037496	10.779478	
0.75000	0.375759	2.382671	0.234896
4.01E-05	0.434749	9.908002	
1.00000	0.375759	2.988802	0.234896
4.01E-05	0.834826	8.710239	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.558121	-2.720450	-0.322243
-0.000779	-0.770048	-4.040438	
0.25000	-0.558121	-2.117365	-0.322243
-0.000779	-0.371293	-2.924559	
0.50000	-0.558121	-1.426752	-0.322243
-0.000779	-0.006440	-2.725347	
0.75000	-0.558121	-0.792841	-0.322243
-0.000779	-0.297657	-2.531089	
1.00000	-0.558121	-0.527122	-0.322243
-0.000779	-0.590569	-3.256344	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.268366	0.909158	0.248112
0.000269	0.608201	15.853431	
0.25000	0.268366	0.916422	0.248112
0.000269	0.299125	15.083165	
0.50000	0.268366	0.933713	0.248112
0.000269	0.054606	14.363056	
0.75000	0.268366	0.952549	0.248112
0.000269	0.530671	13.845656	
1.00000	0.268366	0.969080	0.248112
0.000269	1.010996	13.448326	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.720441	-0.619647	-0.386973
-0.000872	-0.915693	-3.614246	
0.25000	-0.720441	-0.603115	-0.386973
-0.000872	-0.436026	-3.328483	
0.50000	-0.720441	-0.584280	-0.386973
-0.000872	-0.008079	-3.067333	
0.75000	-0.720441	-0.566992	-0.386973
-0.000872	-0.315717	-2.806067	
1.00000	-0.720441	-0.559745	-0.386973
-0.000872	-0.625046	-2.570339	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.396645	6.016316	0.260450
0.000621	0.641242	23.086418	
0.25000	0.396645	11.101529	0.260450
0.000621	0.324661	37.918588	
0.50000	0.396645	23.204950	0.260450
0.000621	0.081666	46.017553	
0.75000	0.396645	36.390102	0.260450
0.000621	0.580547	36.544789	
1.00000	0.396645	47.961696	0.260450
0.000621	1.091816	20.474969	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4552

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.900810	-47.593057	-0.416462
-0.000821	-0.992706	-31.025031	
0.25000	-0.900810	-36.020432	-0.416462
-0.000821	-0.478727	-13.176693	
0.50000	-0.900810	-22.836003	-0.416462
-0.000821	-0.020109	-12.829969	
0.75000	-0.900810	-10.734060	-0.416462
-0.000821	-0.338959	-12.581588	
1.00000	-0.900810	-5.661251	-0.416462
-0.000821	-0.663338	-29.886959	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.748873	11.425766	0.190275
0.001360	0.471968	27.403031	
0.25000	0.748873	33.682579	0.190275
0.001360	0.242750	83.759229	
0.50000	0.748873	62.946807	0.190275
0.001360	0.086555	105.977991	
0.75000	0.748873	90.459479	0.190275
0.001360	0.337282	82.232951	
1.00000	0.748873	119.599115	0.190275
0.001360	0.629066	25.512639	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.824744	-119.299672	-0.241146
-0.000982	-0.586834	-79.526714	
0.25000	-0.824744	-90.182489	-0.241146
-0.000982	-0.478727	-29.034685	
0.50000	-0.824744	-62.670670	-0.241146
-0.000982	-0.043885	-28.435293	
0.75000	-0.824744	-33.410011	-0.241146
-0.000982	-0.246721	-28.839832	
1.00000	-0.824744	-11.222360	-0.241146
-0.000982	-0.480401	-79.326431	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.871857	13.108431	0.263288
0.001221	0.651366	27.214044	
0.25000	0.871857	25.958685	0.263288
0.001221	0.335902	64.649059	
0.50000	0.871857	56.543838	0.263288
0.001221	0.097708	86.818662	
0.75000	0.871857	89.862508	0.263288
0.001221	0.580547	63.754546	
1.00000	0.871857	119.703741	0.263288
0.001221	1.091816	24.817672	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.900810	-118.871018	-0.416462
-0.000872	-0.992706	-71.032374	
0.25000	-0.900810	-89.627179	-0.416462
-0.000872	-0.478727	-26.469417	
0.50000	-0.900810	-56.310335	-0.416462
-0.000872	-0.034176	-26.131747	
0.75000	-0.900810	-25.728919	-0.416462
-0.000872	-0.344751	-26.037677	
1.00000	-0.900810	-12.910010	-0.416462
-0.000872	-0.672249	-70.302105	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.871857	13.108431	0.263288
0.001360	0.651366	27.403031	
0.25000	0.871857	33.682579	0.263288
0.001360	0.335902	83.759229	
0.50000	0.871857	62.946807	0.263288
0.001360	0.097708	105.977991	
0.75000	0.871857	90.459479	0.263288
0.001360	0.580547	82.232951	
1.00000	0.871857	119.599115	0.263288
0.001360	1.091816	25.512639	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4553

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.900810	-119.299672	-0.416462
-0.000982	-0.992706	-79.526714	
0.25000	-0.900810	-90.182489	-0.416462
-0.000982	-0.478727	-29.034685	
0.50000	-0.900810	-62.670670	-0.416462
-0.000982	-0.043885	-28.435293	
0.75000	-0.900810	-33.410011	-0.416462
-0.000982	-0.344751	-28.839832	
1.00000	-0.900810	-12.910010	-0.416462
-0.000982	-0.672249	-79.326431	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.871857	13.108431	0.263288
0.001360	0.651366	27.403031	
0.25000	0.871857	33.682579	0.263288
0.001360	0.335902	83.759229	
0.50000	0.871857	62.946807	0.263288
0.001360	0.097708	105.977991	
0.75000	0.871857	90.459479	0.263288
0.001360	0.580547	82.232951	
1.00000	0.871857	119.599115	0.263288
0.001360	1.091816	25.512639	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.900810	-119.299672	-0.416462
-0.000982	-0.992706	-79.526714	
0.25000	-0.900810	-90.182489	-0.416462
-0.000982	-0.478727	-29.034685	
0.50000	-0.900810	-62.670670	-0.416462
-0.000982	-0.043885	-28.435293	
0.75000	-0.900810	-33.410011	-0.416462
-0.000982	-0.344751	-28.839832	
1.00000	-0.900810	-12.910010	-0.416462
-0.000982	-0.672249	-79.326431	

ELEM 442 ========== LENGTH = 4.973122

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.853680	0.376858	0.101380
0.001310	0.252356	7.565318	
0.25000	0.853680	0.400806	0.101380
0.001310	0.126314	7.304838	
0.50000	0.853680	0.432262	0.101380
0.001310	0.023542	7.099060	
0.75000	0.853680	0.461787	0.101380
0.001310	0.134735	6.961160	
1.00000	0.853680	0.493427	0.101380
0.001310	0.251993	6.860005	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066346	-0.428674	-0.094542
-4.40E-06	-0.233568	-0.933301	
0.25000	-0.066346	-0.397423	-0.094542
-4.40E-06	-0.117019	-0.832023	
0.50000	-0.066346	-0.367853	-0.094542
-4.40E-06	-0.002332	-0.783644	
0.75000	-0.066346	-0.336471	-0.094542
-4.40E-06	-0.125778	-0.735944	
1.00000	-0.066346	-0.312762	-0.094542
-4.40E-06	-0.251819	-0.742890	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.923844	10.723726	0.131009
0.001731	0.325939	25.298726	
0.25000	0.923844	33.043060	0.131009
0.001731	0.170708	82.425419	
0.50000	0.923844	62.360881	0.131009
0.001731	0.084651	104.630645	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4554

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.923844	89.877537	0.131009
0.001731	0.294504	77.257773	
1.00000	0.923844	119.366014	0.131009
0.001731	0.537913	24.496642	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.662208	-119.386221	-0.201677
-4.72E-05	-0.498477	-79.343211	
0.25000	-0.662208	-90.260114	-0.201677
-4.72E-05	-0.253752	-28.925937	
0.50000	-0.662208	-62.700253	-0.201677
-4.72E-05	-0.042433	-27.809941	
0.75000	-0.662208	-33.452366	-0.201677
-4.72E-05	-0.173823	-27.625551	
1.00000	-0.662208	-11.355808	-0.201677
-4.72E-05	-0.327423	-77.773550	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.844883	7.742675	0.158482
0.001633	0.393573	25.531136	
0.25000	0.844883	22.937544	0.158482
0.001633	0.201711	63.993345	
0.50000	0.844883	42.896941	0.158482
0.001633	0.083397	78.809400	
0.75000	0.844883	61.630115	0.158482
0.001633	0.387328	60.081036	
1.00000	0.844883	81.706055	0.158482
0.001633	0.721928	24.261069	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.659528	-81.702746	-0.273370
-0.000382	-0.660669	-55.027873	
0.25000	-0.659528	-61.873867	-0.273370
-0.000382	-0.325476	-20.638667	
0.50000	-0.659528	-43.111279	-0.273370
-0.000382	-0.031673	-19.813479	
0.75000	-0.659528	-23.199494	-0.273370
-0.000382	-0.205146	-19.418977	
1.00000	-0.659528	-8.156290	-0.273370
-0.000382	-0.395896	-53.697577	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.956734	6.593639	0.193326
0.001360	0.479059	24.031668	
0.25000	0.956734	19.202147	0.193326
0.001360	0.242951	55.783201	
0.50000	0.956734	35.764200	0.193326
0.001360	0.078906	67.943273	
0.75000	0.956734	51.308748	0.193326
0.001360	0.427136	52.311903	
1.00000	0.956734	67.967507	0.193326
0.001360	0.802429	22.515906	

COMB DB-G1-4 ---------- MIN

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.667884   -67.876261   -0.305419
-0.000788   -0.735789   -46.203942
0.25000   -0.667884   -51.422510   -0.305419
-0.000788   -0.360035   -17.627716
0.50000   -0.667884   -35.853554   -0.305419
-0.000788   -0.027813   -16.902486
0.75000   -0.667884   -19.331009   -0.305419
-0.000788   -0.248258   -16.534632
1.00000   -0.667884    -6.848350   -0.305419
-0.000788   -0.483451   -44.938076

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.036886    8.820904    0.027034
0.000275    0.066936   16.663311
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4555

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.25000    0.036886   27.500175    0.027034
 0.000275    0.039718   64.632880
0.50000    0.036886   52.036550    0.027034
 0.000275    0.056648   83.368071
0.75000    0.036886   75.065511    0.027034
 0.000275    0.177891   60.608456
1.00000    0.036886   99.745154    0.027034
 0.000275    0.324188   16.471522

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.710736   -99.805430   -0.122371
-0.000167   -0.312164   -65.931761
0.25000   -0.710736   -75.429503   -0.122371
-0.000167   -0.160067   -23.741294
0.50000   -0.710736   -52.364383   -0.122371
-0.000167   -0.034197   -22.831554
0.75000   -0.710736   -27.886539   -0.122371
-0.000167   -0.044077   -22.451248
1.00000   -0.710736    -6.393711   -0.122371
-0.000167   -0.069849   -64.695087

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.249349    8.461102    0.086381
0.000294    0.213290   20.783632
0.25000    0.249349   25.847192    0.086381
 0.000294    0.111767   65.189310
0.50000    0.249349   48.684895    0.086381
 0.000294    0.070037   82.412571
0.75000    0.249349   70.115143    0.086381
 0.000294    0.314173   61.102586
1.00000    0.249349   93.090595    0.086381
 0.000294    0.586373   20.024203

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.721690   -93.100728   -0.223500
-0.000642   -0.550978   -62.124348
0.25000   -0.721690   -70.412366   -0.223500
-0.000642   -0.273414   -22.819036
0.50000   -0.721690   -48.944062   -0.223500
-0.000642   -0.333995   -21.917946
0.75000   -0.721690   -26.160837   -0.223500
-0.000642   -0.117517   -21.509646
1.00000   -0.721690    -8.948282   -0.223500
-0.000642   -0.217777   -60.774590

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.632146    6.560520    0.145159
0.001222    0.359768   23.578797
0.25000    0.632146   18.867286    0.145159
 0.001222    0.183496   54.481031
0.50000    0.632146   35.032982    0.145159
 0.001222    0.076003   66.361828
0.75000    0.632146   50.205525    0.145159
 0.001222    0.392217   51.305971
1.00000    0.632146   66.465612    0.145159
 0.001222    0.735859   22.386075

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.785217   -66.462399   -0.279969
-0.000582   -0.675063   -44.943371
0.25000   -0.785217   -50.402413   -0.279969
-0.000582   -0.327565   -17.963091
0.50000   -0.785217   -35.206047   -0.279969
-0.000582   -0.026697   -16.367291
0.75000   -0.785217   -19.078914   -0.279969
-0.000582   -0.187617   -16.020313
1.00000   -0.785217    -6.894985   -0.279969
-0.000582   -0.362998   -43.756090
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4556

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.577137    5.614901    0.187451
0.001019    0.463836   22.130521
0.25000    0.577137   15.924421    0.187451
 0.001019    0.234277   47.877282
0.50000    0.577137   29.466613    0.187451
 0.001019    0.072148   57.394131
0.75000    0.577137   42.176828    0.187451
 0.001019    0.433352   44.943897
1.00000    0.577137   55.798092    0.187451
 0.001019    0.818608   20.590866

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.827118   -55.694411   -0.312853
-0.000963   -0.753011   -38.175407
0.25000   -0.827118   -42.240774   -0.312853
-0.000963   -0.364562   -14.779362
0.50000   -0.827118   -29.510602   -0.312853
-0.000963   -0.023863   -14.156070
0.75000   -0.827118   -16.000715   -0.312853
-0.000963   -0.240348   -13.824992
1.00000   -0.827118    -5.794096   -0.312853
-0.000963   -0.469175   -37.019163

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.070616    0.215574    0.104589
6.45E-07    0.258030    3.592022
0.25000    0.070616    0.239522    0.104589
6.45E-07    0.127987    3.421176
0.50000    0.070616    0.270979    0.104589
6.45E-07    0.012842    3.220825
0.75000    0.070616    0.300503    0.104589
6.45E-07    0.164864    2.974291
1.00000    0.070616    0.332144    0.104589
6.45E-07    0.318388    2.706703

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.330373   -0.186042   -0.123535
-0.000759   -0.296042   -0.899452
0.25000   -0.330373   -0.154791   -0.123535
-0.000759   -0.142592   -0.782269
0.50000   -0.330373   -0.125221   -0.123535
-0.000759   -0.002372   -0.717985
0.75000   -0.330373   -0.093839   -0.123535
-0.000759   -0.132079   -0.654380
1.00000   -0.330373   -0.070130   -0.123535
-0.000759   -0.262106   -0.645421

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.436072    7.771191    0.167781
5.52E-06    0.413884    7.771798
0.25000    0.436072    1.489624    0.167781
5.52E-06    0.205525    9.198796
0.50000    0.436072    2.433331    0.167781
5.52E-06    0.026958    9.546786
0.75000    0.436072    3.319060    0.167781
5.52E-06    0.286951    8.374416
1.00000    0.436072    4.265777    0.167781
5.52E-06    0.555988    6.421789

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.434770   -4.051386   -0.215073
-0.001275   -0.514932   -3.959633
0.25000   -0.434770   -3.113850   -0.215073
-0.001275   -0.247745   -2.230152
0.50000   -0.434770   -2.226730   -0.215073
-0.001275   -0.005353   -2.087630
0.75000   -0.434770   -1.295278   -0.215073
-0.001275   -0.212201   -1.965471
1.00000   -0.434770   -0.574012   -0.215073
-0.001275   -0.420535   -3.482702
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4557

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.252571    1.258917    0.177291
0.000170    0.437177   13.151971
0.25000    0.252571    2.401226    0.177291
 0.000170    0.217097   15.375044
0.50000    0.252571    3.901720    0.177291
 0.000170    0.042903   15.985574
0.75000    0.252571    5.310029    0.177291
 0.000170    0.389788   14.320539
1.00000    0.252571    6.819284    0.177291
 0.000170    0.747594   11.506280

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.698740   -6.636456   -0.288339
-0.001356   -0.688431   -5.965161
0.25000   -0.698740   -5.145774   -0.288339
-0.001356   -0.330331   -3.246849
0.50000   -0.698740   -3.735253   -0.288339
-0.001356   -0.007521   -3.051798
0.75000   -0.698740   -2.238339   -0.288339
-0.001356   -0.224566   -2.889130
1.00000   -0.698740   -1.167431   -0.288339
-0.001356   -0.444591   -5.333092

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.387251    6.423896    0.187406
0.000744    0.463321   22.147570
0.25000    0.387251   18.601344    0.187406
 0.000744    0.234416   52.757753
0.50000    0.387251   34.597172    0.187406
 0.000744    0.073184   64.481715
0.75000    0.387251   49.610284    0.187406
 0.000744    0.408437   49.467501
1.00000    0.387251   65.699512    0.187406
 0.000744    0.837517   20.583022

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1.011475   -65.580246   -0.320779
-0.001125   -0.776151   -44.676505
0.25000   -1.011475   -49.689016   -0.320779
-0.001125   -0.377712   -17.065102
0.50000   -1.011475   -34.652332   -0.320779
-0.001125   -0.027065   -16.352524
0.75000   -1.011475   -18.694661   -0.320779
-0.001125   -0.241734   -15.985104
1.00000   -1.011475    -6.638759   -0.320779
-0.001125   -0.469770   -43.405347

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.069564    0.365912    0.129183
0.001337    0.321220    7.730595
0.25000    1.069564    0.374326    0.129183
0.001337    0.160683    7.488090
0.50000    1.069564    0.393574    0.129183
0.001337    0.027051    7.289413
0.75000    1.069564    0.414501    0.129183
0.001337    0.245590    7.110762
1.00000    1.069564    0.432791    0.129183
0.001337    0.470392    6.970772

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.102741   -0.353763   -0.180505
-4.28E-06   -0.434152   -1.157545
0.25000   -0.102741   -0.335354   -0.180505
-4.28E-06   -0.209273   -1.069901
0.50000   -0.102741   -0.314402   -0.180505
-4.28E-06   -0.002677   -1.009300
0.75000   -0.102741   -0.295202   -0.180505
-4.28E-06   -0.160814   -0.948647
1.00000   -0.102741   -0.287228   -0.180505
-4.28E-06   -0.321384   -0.913680
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4558

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.149846   12.313880    0.170299
0.001717    0.422231   23.652006
0.25000    1.149846   25.710422    0.170299
 0.001717    0.228634   62.990869
0.50000    1.149846   56.352396    0.170299
 0.001717    0.090235   84.662285
0.75000    1.149846   89.668368    0.170299
 0.001717    0.462076   61.077462
1.00000    1.149846  118.785964    0.170299
 0.001717    0.853390   21.060680

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.624170  -118.500504   -0.328752
-3.90E-05   -0.801009   -70.299304
0.25000   -0.624170   -89.193937   -0.328752
-3.90E-05   -0.398854   -26.099891
0.50000   -0.624170   -55.837159   -0.328752
-3.90E-05   -0.031916   -25.142144
0.75000   -0.624170   -25.271111   -0.328752
-3.90E-05   -0.234063   -24.418710
1.00000   -0.624170   -12.577090   -0.328752
-3.90E-05   -0.443901   -68.637842

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.081538    9.169004    0.220690
0.001648    0.544486   24.848090
0.25000    1.081538   18.681222    0.220690
 0.001648    0.282917   52.496670
0.50000    1.081538   40.438563    0.220690
 0.001648    0.093160   67.625625
0.75000    1.081538   64.094578    0.220690
 0.001648    0.618284   50.687222
1.00000    1.081538   84.769535    0.220690
 0.001648    1.161065   22.192936

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.681522   -84.516799   -0.446868
-0.000332   -1.075259   -51.211547
0.25000   -0.681522   -63.707664   -0.446868
-0.000332   -0.825215   -19.743057
0.50000   -0.681522   -40.022676   -0.446868
-0.000332   -0.025961   -18.978243
0.75000   -0.681522   -18.319245   -0.446868
-0.000332   -0.292304   -18.379771
1.00000   -0.681522    -9.305853   -0.446868
-0.000332   -0.565493   -49.692500

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    1.118284    7.796274    0.271434
0.001373    0.669484   23.845641
0.25000    1.118284   15.691567    0.271434
 0.001373    0.342303   46.609096
0.50000    1.118284   33.750507    0.271434
 0.001373    0.089264   58.984375
0.75000    1.118284   53.385375    0.271434
 0.001373    0.700298   44.776373
1.00000    1.118284   70.545469    0.271434
 0.001373    1.326859   20.999151

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.722596   -70.231565   -0.512552
-0.000736   -1.233874   -43.194202
0.25000   -0.722596   -52.959651   -0.512552
-0.000736   -0.601182   -17.022611
0.50000   -0.722596   -33.300733   -0.512552
-0.000736   -0.023332   -16.335453
0.75000   -0.722596   -15.726645   -0.512552
-0.000736   -0.353987   -15.786361
1.00000   -0.722596    -7.805281   -0.512552
-0.000736   -0.690684   -41.724042
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4559

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.045924    8.602882    0.041943
0.000267    0.102210   13.848463
0.25000    0.045924   17.993926    0.041943
 0.000267    0.062580   41.442440
0.50000    0.045924   39.474104    0.041943
 0.000267    0.053394   56.642665
0.75000    0.045924   62.828767    0.041943
 0.000267    0.233963   40.233216
1.00000    0.045924   83.240349    0.041943
 0.000267    0.425101   12.344327

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.600771   -83.093480   -0.163768
-0.000140   -0.402651   -48.898024
0.25000   -0.600771   -62.549429   -0.163768
-0.000140   -0.201812   -17.929159
0.50000   -0.600771   -39.166161   -0.163768
-0.000140   -0.021459   -17.272567
0.75000   -0.600771   -17.739207   -0.163768
-0.000140   -0.068899   -16.760620
1.00000   -0.600771    -8.840835   -0.163768
-0.000140   -0.119706   -47.792919

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.234275    8.460855    0.134529
0.000277    0.328949   18.682077
0.25000    0.234275   17.422728    0.134529
 0.000277    0.173642   44.835330
0.50000    0.234275   37.921285    0.134529
 0.000277    0.071582   59.182267
0.75000    0.234275   60.208665    0.134529
 0.000277    0.376433   43.328454
1.00000    0.234275   79.687460    0.134529
 0.000277    0.872926   16.520812

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.673441   -79.459425   -0.336968
-0.000550   -0.815957   -47.668650
0.25000   -0.673441   -59.854215   -0.336968
-0.000550   -0.400054   -18.043489
0.50000   -0.673441   -37.539537   -0.336968
-0.000550   -0.023101   -17.345263
0.75000   -0.673441   -17.091772   -0.336968
-0.000550   -0.184865   -16.804008
1.00000   -0.673441    -8.599855   -0.336968
-0.000550   -0.351052   -46.327437

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.711141    6.108848    0.206858
0.001195    0.509227   21.709089
0.25000    0.711141   11.932810    0.206858
 0.001195    0.259852   38.261155
0.50000    0.711141   25.253984    0.206858
 0.001195    0.079066   47.166312
0.75000    0.711141   39.737643    0.206858
 0.001195    0.611135   36.736095
1.00000    0.711141   52.396116    0.206858
 0.001195    1.157085   19.411358

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.796851   -52.217781   -0.445721
-0.000499   -1.068097   -32.363112
0.25000   -0.796851   -39.477156   -0.445721
-0.000499   -0.511627   -13.028372
0.50000   -0.796851   -24.975758   -0.445721
-0.000499   -0.018429   -12.492090
0.75000   -0.796851   -11.687591   -0.445721
-0.000499   -0.269826   -12.057809
1.00000   -0.796851    -6.169041   -0.445721
-0.000499   -0.526153   -31.160581
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4560

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.680521    5.276590    0.268783
0.000996    0.661933   21.041722
0.25000    0.680521   10.161447    0.268783
 0.000996    0.333912   34.749094
0.50000    0.680521   21.334604    0.268783
 0.000996    0.077068   42.041672
0.75000    0.680521   33.482796    0.268783
 0.000996    0.709710   33.104396
1.00000    0.680521   44.100110    0.268783
 0.000996    1.354625   18.388887

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.895576   -43.829667   -0.524161
-0.000910   -1.259180   -27.829842
0.25000   -0.895576   -33.143447   -0.524161
-0.000910   -0.609218   -11.559149
0.50000   -0.895576   -20.980376   -0.524161
-0.000910   -0.017271   -11.055715
0.75000   -0.895576   -9.834504   -0.524161
-0.000910   -0.346602   -10.637912
1.00000   -0.895576    -5.206211   -0.524161
-0.000910   -0.680491   -26.606786

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.106461    0.279063    0.152451
3.92E-07    0.375844    4.315650
0.25000    0.106461    0.287478    0.152451
3.92E-07    0.185805    4.038759
0.50000    0.106461    0.306725    0.152451
3.92E-07    0.016352    3.753188
0.75000    0.106461    0.327652    0.152451
3.92E-07    0.316647    3.447342
1.00000    0.106461    0.345942    0.152451
3.92E-07    0.617651    3.134341

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.468489   -0.152496   -0.242091
-0.000793   -0.585979   -1.116715
0.25000   -0.468489   -0.134087   -0.242091
-0.000793   -0.285199   -1.004759
0.50000   -0.468489   -0.113134   -0.242091
-0.000793   -0.002862   -0.919959
0.75000   -0.468489   -0.093934   -0.242091
-0.000793   -0.192668   -0.836432
1.00000   -0.468489   -0.085961   -0.242091
-0.000793   -0.382602   -0.784124

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.434503    0.777029    0.246920
3.60E-06    0.608509    8.827150
0.25000    0.434503    1.054721    0.246920
3.60E-06    0.301104    9.119233
0.50000    0.434503    1.689887    0.246920
3.60E-06    0.032931    9.069893
0.75000    0.434503    2.380482    0.246920
3.60E-06    0.530741    8.172950
1.00000    0.434503    2.984051    0.246920
3.60E-06    1.030964    6.964015

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.598060   -2.687485   -0.402741
-0.001284   -0.972009   -3.321592
0.25000   -0.598060   -2.079600   -0.402741
-0.001284   -0.471702   -2.262106
0.50000   -0.598060   -1.388159   -0.402741
-0.001284   -0.005531   -2.098937
0.75000   -0.598060   -0.754567   -0.402741
-0.001284   -0.312179   -1.940619
1.00000   -0.598060   -0.491437   -0.402741
-0.001284   -0.619937   -2.713781
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4561

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.303841    0.850053    0.265018
0.000173    0.651291   13.565811
0.25000    0.303841    0.857627    0.265018
0.000173    0.321080   12.870759
0.50000    0.303841    0.874950    0.265018
0.000173    0.049274   12.201680
0.75000    0.303841    0.893784    0.265018
0.000173    0.664974   11.723070
1.00000    0.303841    0.910245    0.265018
0.000173    1.284731   11.384865

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -0.835590   -0.642398   -0.499066
-0.001320   -1.197114   -2.639916
0.25000   -0.835590   -0.625830   -0.499066
-0.001320   -0.577433   -2.425568
0.50000   -0.835590   -0.606973   -0.499066
-0.001320   -0.006759   -2.235634
0.75000   -0.835590   -0.589693   -0.499066
-0.001320   -0.335674   -2.045723
1.00000   -0.835590   -0.582475   -0.499066
-0.001320   -0.665943   -1.880924

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.470050    5.657778    0.273465
0.000727    0.673175   20.570864
0.25000    0.470050   10.959173    0.273465
 0.000727    0.339699   35.478430
0.50000    0.470050   23.085080    0.273465
 0.000727    0.075711   43.421283
0.75000    0.470050   36.269164    0.273465
 0.000727    0.727740   33.756157
1.00000    0.470050   47.791831    0.273465
 0.000727    1.390778   17.785281

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1.080613   -47.482178   -0.539397
-0.001096   -1.299017   -29.945568
0.25000   -1.080613   -35.884730   -0.539397
-0.001096   -0.630564   -12.298100
0.50000   -1.080613   -22.684498   -0.539397
-0.001096   -0.015122   -11.762243
0.75000   -1.080613   -10.588637   -0.539397
-0.001096   -0.353843   -11.319196
1.00000   -1.080613    -5.565249   -0.539397
-0.001096   -0.693657   -28.660466

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000    0.956734   10.723726    0.193326
```

0.001731	0.479059	25.531136	
0.25000	0.956734	33.043060	0.193326
0.001731	0.242951	82.425419	
0.50000	0.956734	62.360881	0.193326
0.001731	0.084651	104.630645	
0.75000	0.956734	89.877537	0.193326
0.001731	0.442937	77.257773	
1.00000	0.956734	119.366546	0.193326
0.001731	0.837517	24.496642	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.011475	-119.386221	-0.320779
-0.001356	-0.776151	-79.343211	
0.25000	-1.011475	-90.260114	-0.320779
-0.001356	-0.377712	-28.925937	
0.50000	-1.011475	-62.700253	-0.320779
-0.001356	-0.042433	-27.809941	
0.75000	-1.011475	-33.452366	-0.320779
-0.001356	-0.248258	-27.326551	
1.00000	-1.011475	-11.355808	-0.320779
-0.001356	-0.483451	-77.773550	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.149846	12.313880	0.273465
0.001717	0.673175	24.848090	
0.25000	1.149846	25.710422	0.273465
0.001717	0.342303	62.990869	
0.50000	1.149846	56.352396	0.273465
0.001717	0.093160	84.662285	
0.75000	1.149846	89.669368	0.273465
0.001717	0.727740	61.077462	
1.00000	1.149846	118.785964	0.273465
0.001717	1.390778	22.192936	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.080613	-118.500504	-0.539397
-0.001320	-1.299017	-70.299304	
0.25000	-1.080613	-89.193937	-0.539397
-0.001320	-0.630564	-26.099891	
0.50000	-1.080613	-55.837159	-0.539397
-0.001320	-0.031916	-25.142144	
0.75000	-1.080613	-25.271111	-0.539397
-0.001320	-0.353987	-24.418710	
1.00000	-1.080613	-12.577090	-0.539397
-0.001320	-0.693657	-68.637842	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.149846	12.313880	0.273465
0.001731	0.673175	25.531136	
0.25000	1.149846	33.043060	0.273465
0.001731	0.342303	82.425419	
0.50000	1.149846	62.360881	0.273465
0.001731	0.093160	104.630645	
0.75000	1.149846	89.877537	0.273465
0.001731	0.727740	77.257773	
1.00000	1.149846	119.366546	0.273465
0.001731	1.390778	24.496642	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.080613	-119.386221	-0.539397
-0.001356	-1.299017	-79.343211	
0.25000	-1.080613	-90.260114	-0.539397
-0.001356	-0.630564	-28.925937	
0.50000	-1.080613	-62.700253	-0.539397
-0.001356	-0.042433	-27.809941	
0.75000	-1.080613	-33.452366	-0.539397
-0.001356	-0.353987	-27.326551	
1.00000	-1.080613	-12.577090	-0.539397
-0.001356	-0.693657	-77.773550	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.149846	12.313880	0.273465
0.001731	0.673175	25.531136	
0.25000	1.149846	33.043060	0.273465
0.001731	0.342303	82.425419	
0.50000	1.149846	62.360881	0.273465
0.001731	0.093160	104.630645	
0.75000	1.149846	89.877537	0.273465
0.001731	0.727740	77.257773	
1.00000	1.149846	119.366546	0.273465
0.001731	1.390778	24.496642	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.080613	-119.386221	-0.539397
-0.001356	-1.299017	-79.343211	
0.25000	-1.080613	-90.260114	-0.539397
-0.001356	-0.630564	-28.925937	
0.50000	-1.080613	-62.700253	-0.539397
-0.001356	-0.042433	-27.809941	
0.75000	-1.080613	-33.452366	-0.539397
-0.001356	-0.353987	-27.326551	
1.00000	-1.080613	-12.577090	-0.539397
-0.001356	-0.693657	-77.773550	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 443 ========== LENGTH = 4.972181

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.844359	0.911193	0.093271
0.001914	0.238609	6.885591	
0.25000	0.844359	0.936265	0.093271
0.001914	0.122668	5.874019	
0.50000	0.844359	0.967770	0.093271
0.001914	0.009673	4.885906	
0.75000	0.844359	0.995429	0.093271
0.001914	0.146624	3.885910	
1.00000	0.844359	1.032444	0.093271
0.001914	0.290947	3.022385	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072627	-0.221461	-0.116191
-8.94E-06	-0.286887	-0.738752	
0.25000	-0.072627	-0.190709	-0.116191
-8.94E-06	-0.142591	-0.579791	
0.50000	-0.072627	-0.160276	-0.116191
-8.94E-06	-0.006185	-0.466229	
0.75000	-0.072627	-0.129039	-0.116191
-8.94E-06	-0.109205	-0.353463	
1.00000	-0.072627	-0.107483	-0.116191
-8.94E-06	-0.225152	-0.306011	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.897129	7.086778	0.120872
0.002399	0.309113	24.542031	
0.25000	0.897129	30.454212	0.120872
0.002399	0.165725	79.824326	
0.50000	0.897129	59.816967	0.120872
0.002399	0.053716	97.654341	
0.75000	0.897129	85.594657	0.120872
0.002399	0.293876	64.226920	
1.00000	0.897129	120.092605	0.120872
0.002399	0.569786	20.281781	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.671190	-117.660002	-0.237053
-0.000102	-0.610826	-77.760631	
0.25000	-0.671190	-88.999385	-0.237053
-0.000102	-0.316350	-28.357800	
0.50000	-0.671190	-60.636068	-0.237053
-0.000102	-0.040793	-21.149329	
0.75000	-0.671190	-31.522762	-0.237053
-0.000102	-0.141576	-14.083548	
1.00000	-0.671190	-11.432509	-0.237053
-0.000102	-0.291859	-64.919422	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.817271	5.851099	0.147236
0.002122	0.376126	24.321917	
0.25000	0.817271	21.759508	0.147236
0.002122	0.170789	60.746912	
0.50000	0.817271	41.749495	0.147236
0.002122	0.046349	71.682526	
0.75000	0.817271	59.298792	0.147236
0.002122	0.391646	47.850223	
1.00000	0.817271	82.784788	0.147236
0.002122	0.771782	17.088924	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.680861	-80.145109	-0.316118
-0.000732	-0.801544	-53.699658	
0.25000	-0.680861	-60.633133	-0.316118
-0.000732	-0.408776	-19.943031	
0.50000	-0.680861	-41.323557	-0.316118
-0.000732	-0.031928	-14.912161	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.680861	-21.503393	-0.316118
-0.000732	-0.173035	-9.978609	
1.00000	-0.680861	-7.826070	-0.316118
-0.000732	-0.356073	-44.453134	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.924626	5.183410	0.181024
0.001767	0.461904	21.586459	
0.25000	0.924626	18.384004	0.181024
0.001767	0.240753	52.447411	
0.50000	0.924626	34.971440	0.181024
0.001767	0.041822	61.172382	
0.75000	0.924626	49.533622	0.181024
0.001767	0.430807	41.083664	
1.00000	0.924626	69.022002	0.181024
0.001767	0.853712	15.288759	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672037	-66.559764	-0.348786
-0.001328	-0.881817	-44.954762	
0.25000	-0.672037	-50.368976	-0.348786
-0.001328	-0.448416	-16.879564	
0.50000	-0.672037	-34.346136	-0.348786
-0.001328	-0.029578	-12.640632	
0.75000	-0.672037	-17.899617	-0.348786
-0.001328	-0.316249	-11.582457	
1.00000	-0.672037	-6.550349	-0.348786
-0.001328	-0.438277	-37.074318	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039099	5.459493	0.026924
0.000157	0.068106	16.497265	
0.25000	0.039099	25.015930	0.026924
0.000157	0.040411	63.358413	
0.50000	0.039099	49.589909	0.026924
0.000157	0.033823	78.886892	
0.75000	0.039099	71.163512	0.026924
0.000157	0.167175	51.592196	
1.00000	0.039099	100.035186	0.026924
0.000157	0.321871	15.424760	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.724994	-98.511805	-0.137000
-0.000317	-0.360967	-64.691934	
0.25000	-0.724994	-74.525452	-0.137000
-0.000317	-0.190679	-23.408588	
0.50000	-0.724994	-50.787911	-0.137000
-0.000317	-0.029437	-17.438071	
0.75000	-0.724994	-26.422698	-0.137000
-0.000317	-0.032169	-11.586373	
1.00000	-0.724994	-9.608968	-0.137000
-0.000317	-0.065640	-54.178212	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.241540	5.709022	0.082039
0.000146	0.208917	20.071290	
0.25000	0.241540	23.911552	0.082039
0.000146	0.112277	62.992094	
0.50000	0.241540	46.784255	0.082039
0.000146	0.041956	76.704949	
0.75000	0.241540	66.864301	0.082039
0.000146	0.305288	50.542602	
1.00000	0.241540	93.737167	0.082039
0.000146	0.600638	16.237010	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.735595	-91.624753	-0.249287
-0.001155	-0.640591	-60.787067	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.735595	-69.298984	-0.249287
-0.001155	-0.330736	-22.268491	
0.50000	-0.735595	-47.204822	-0.249287
-0.001155	-0.030489	-16.618029	
0.75000	-0.735595	-24.526431	-0.249287
-0.001155	-0.097135	-11.078133	
1.00000	-0.735595	-8.876728	-0.249287
-0.001155	-0.199102	-50.695979	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.587995	5.248449	0.135738
0.001475	0.346386	22.450603	
0.25000	0.587995	18.133132	0.135738
0.001475	0.181384	51.405435	
0.50000	0.587995	34.323603	0.135738
0.001475	0.040235	59.817744	
0.75000	0.587995	48.537289	0.135738
0.001475	0.394442	40.295762	
1.00000	0.587995	67.559280	0.135738
0.001475	0.781049	15.470539	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.798318	-65.103738	-0.319335
-0.001047	-0.808191	-43.374496	
0.25000	-0.798318	-49.300422	-0.319335
-0.001047	-0.411197	-16.382238	
0.50000	-0.798318	-33.661035	-0.319335
-0.001047	-0.026732	-12.262774	
0.75000	-0.798318	-17.608108	-0.319335
-0.001047	-0.159807	-8.222070	
1.00000	-0.798318	-6.530446	-0.319335
-0.001047	-0.328481	-36.160363	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.539491	4.590735	0.176389
0.001229	0.449718	20.666817	
0.25000	0.539491	15.384383	0.176389
0.001229	0.233624	44.673320	
0.50000	0.539491	28.947329	0.176389
0.001229	0.037274	51.465456	
0.75000	0.539491	40.854299	0.176389
0.001229	0.434626	34.847320	
1.00000	0.539491	56.789242	0.176389
0.001229	0.864618	13.784802	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.816914	-54.583234	-0.352895
-0.001580	-0.891238	-37.045068	
0.25000	-0.816914	-41.344613	-0.352895
-0.001580	-0.452614	-14.042171	
0.50000	-0.816914	-28.243316	-0.352895
-0.001580	-0.025649	-10.529299	
0.75000	-0.816914	-14.795593	-0.352895
-0.001580	-0.208074	-7.082403	
1.00000	-0.816914	-5.515707	-0.352895
-0.001580	-0.427322	-30.413652	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061872	0.304496	0.099459
8.14E-07	0.253189	2.742704	
0.25000	0.061872	0.329568	0.099459
8.14E-07	0.121062	2.446569	
0.50000	0.061872	0.361073	0.099459
8.14E-07	0.005846	2.111452	
0.75000	0.061872	0.388732	0.099459
8.14E-07	0.163238	1.728241	
1.00000	0.061872	0.425747	0.099459
8.14E-07	0.329803	1.343499	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.294464	-0.204500	-0.134014
-0.001079	-0.336579	-0.671508	
0.25000	-0.294464	-0.173749	-0.134014
-0.001079	-0.170028	-0.522779	
0.50000	-0.294464	-0.143316	-0.134014
-0.001079	-0.005249	-0.419323	
0.75000	-0.294464	-0.112079	-0.134014
-0.001079	-0.161653	-0.315070	
1.00000	-0.294464	-0.090522	-0.134014
-0.001079	-0.241345	-0.283483	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.408865	0.989801	0.159655
6.62E-06	0.406379	6.480899	
0.25000	0.408865	1.741972	0.159655
6.62E-06	0.208121	7.442176	
0.50000	0.408865	2.687125	0.159655
6.62E-06	0.011166	7.226964	
0.75000	0.408865	3.516879	0.159655
6.62E-06	0.287365	5.440403	
1.00000	0.408865	4.627328	0.159655
6.62E-06	0.579249	3.365947	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382032	-3.918427	-0.235303
-0.001900	-0.590891	-3.523719	
0.25000	-0.382032	-2.995875	-0.235303
-0.001900	-0.298429	-1.767336	
0.50000	-0.382032	-2.082892	-0.235303
-0.001900	-0.009428	-1.369136	
0.75000	-0.382032	-1.145769	-0.235303
-0.001900	-0.188869	-0.975546	
1.00000	-0.382032	-0.499087	-0.235303
-0.001900	-0.387401	-2.550706	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.236394	1.755714	0.168976
1.01E-05	0.430024	11.579973	
0.25000	0.236394	9.951655	0.168976
1.01E-05	0.220266	12.807382	
0.50000	0.236394	4.454459	0.168976
1.01E-05	0.017609	12.178520	
0.75000	0.236394	5.773767	0.168976
1.01E-05	0.389864	9.146657	
1.00000	0.236394	7.539381	0.168976
1.01E-05	0.784304	5.824423	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.678301	-6.219052	-0.318092
-0.002158	-0.797712	-5.377708	
0.25000	-0.678301	-4.752195	-0.318092
-0.002158	-0.402357	-2.621875	
0.50000	-0.678301	-3.300553	-0.318092
-0.002158	-0.011140	-2.025626	
0.75000	-0.678301	-1.810526	-0.318092
-0.002158	-0.200139	-1.436709	
1.00000	-0.678301	-0.782302	-0.318092
-0.002158	-0.410170	-3.867432	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.357682	4.903287	0.177009
0.000815	0.451119	20.662337	
0.25000	0.357682	17.652579	0.177009
0.000815	0.234744	49.640755	
0.50000	0.357682	33.672923	0.177009
0.000815	0.039604	58.268746	
0.75000	0.357682	47.737253	0.177009
0.000815	0.439619	39.227604	
1.00000	0.357682	66.559364	0.177009
0.000815	0.874621	14.672143	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.977002	-64.437310	-0.358158
-0.001845	-0.907564	-43.436921	
0.25000	-0.977002	-48.800053	-0.358158
-0.001845	-0.462390	-16.318106	
0.50000	-0.977002	-33.325003	-0.358158
-0.001845	-0.028146	-12.220575	
0.75000	-0.977002	-17.440758	-0.358158
-0.001845	-0.209058	-8.200760	
1.00000	-0.977002	-6.479499	-0.358158
-0.001845	-0.429133	-35.809856	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.067546	0.993417	0.119798
0.002175	0.306215	6.978754	
0.25000	1.067546	1.005237	0.119798
0.002175	0.157318	5.931391	
0.50000	1.067546	1.025096	0.119798
0.002175	0.013594	4.871399	
0.75000	1.067546	1.046066	0.119798
0.002175	0.253104	3.845255	
1.00000	1.067546	1.063236	0.119798
0.002175	0.508066	2.870643	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.111202	-0.198812	-0.204509
-7.40E-06	-0.509650	-0.897877	
0.25000	-0.111202	-0.179838	-0.204509
-7.40E-06	-0.255010	-0.739928	
0.50000	-0.111202	-0.158465	-0.204509
-7.40E-06	-0.007405	-0.605217	
0.75000	-0.111202	-0.139466	-0.204509
-7.40E-06	-0.140774	-0.470540	
1.00000	-0.111202	-0.112923	-0.204509
-7.40E-06	-0.289581	-0.370332	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.145410	7.466413	0.159005
0.002599	0.406915	21.091628	
0.25000	1.145410	26.284432	0.159005
0.002599	0.224966	60.270531	
0.50000	1.145410	57.899450	0.159005
0.002599	0.058272	77.976803	
0.75000	1.145410	91.283669	0.159005
0.002599	0.459116	50.706874	
1.00000	1.145410	118.618304	0.159005
0.002599	0.899777	15.767413	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.630823	-117.486838	-0.369461
-7.01E-05	-0.938473	-68.608222	
0.25000	-0.630823	-87.280051	-0.369461
-7.01E-05	-0.481275	-25.281841	
0.50000	-0.630823	-53.253821	-0.369461
-7.01E-05	-0.036656	-18.091191	
0.75000	-0.630823	-23.007468	-0.369461
-7.01E-05	-0.193678	-11.190906	
1.00000	-0.630823	-12.591772	-0.369461
-7.01E-05	-0.385417	-58.307195	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.073340	6.365588	0.209240
0.002311	0.533130	22.266119	
0.25000	1.073340	19.727327	0.209240
0.002311	0.284035	48.926662	
0.50000	1.073340	42.175579	0.209240
0.002311	0.052275	60.373985	
0.75000	1.073340	65.880038	0.209240
0.002311	0.620291	39.918034	
1.00000	1.073340	85.289016	0.209240
0.002311	1.228569	14.150527	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.694262	-83.542165	-0.500280
-0.000628	-1.260264	-49.687420	
0.25000	-0.694262	-62.093828	-0.500280
-0.000628	-0.640324	-18.765472	
0.50000	-0.694262	-37.933495	-0.500280
-0.000628	-0.031955	-13.500118	
0.75000	-0.694262	-16.457064	-0.500280
-0.000628	-0.251308	-8.440468	
1.00000	-0.694262	-9.061397	-0.500280
-0.000628	-0.507298	-41.734022	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.099980	5.652839	0.257916
0.001926	0.656648	21.099990	
0.25000	1.099980	16.743295	0.257916
0.001926	0.345054	42.821653	
0.50000	1.099980	35.375701	0.257916
0.001926	0.048190	51.913974	
0.75000	1.099980	55.050780	0.257916
0.001926	0.697372	34.555181	
1.00000	1.099980	71.160541	0.257916
0.001926	1.389252	12.824059	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.714060	-69.415129	-0.565683
-0.001281	-1.424526	-41.743272	
0.25000	-0.714060	-51.612667	-0.565683
-0.001281	-0.722825	-15.996024	
0.50000	-0.714060	-31.559206	-0.565683
-0.001281	-0.031473	-11.544134	
0.75000	-0.714060	-13.733427	-0.565683
-0.001281	-0.307994	-7.263838	
1.00000	-0.714060	-7.594905	-0.565683
-0.001281	-0.625467	-34.878378	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049653	4.980770	0.041867
0.000140	0.106439	12.380276	
0.25000	0.049653	18.172295	0.041867
0.000140	0.065273	40.173230	
0.50000	0.049653	40.334582	0.041867
0.000140	0.033730	52.902747	
0.75000	0.049653	63.737073	0.041867
0.000140	0.228333	34.235828	
1.00000	0.049653	82.898804	0.041867
0.000140	0.442611	10.247477	

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.608284 -82.467518 -0.183079
-0.000250 -0.466620 -47.793216
0.25000 -0.608284 -61.292408 -0.183079
-0.000250 -0.242763 -17.470216
0.50000 -0.608284 -37.439850 -0.183079
-0.000250 -0.021404 -12.486385
0.75000 -0.608284 -16.237004 -0.183079
-0.000250 -0.054824 -7.705928
1.00000 -0.608284 -8.935549 -0.183079
-0.000250 -0.102812 -40.788902

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.227577 5.413973 0.130729
0.000133 0.331527 16.606670
0.25000 0.227577 18.002660 0.130729
0.000133 0.179344 42.391969
0.50000 0.227577 39.152154 0.130729
0.000133 0.039769 53.810424
0.75000 0.227577 61.485176 0.130729
0.000133 0.460893 35.206950
1.00000 0.227577 79.771236 0.130729
0.000133 0.910351 11.562081
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4569

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.675943 -78.675908 -0.372262
-0.001049 -0.942150 -46.353480
0.25000 -0.675943 -58.468478 -0.372262
-0.001049 -0.481552 -17.287694
0.50000 -0.675943 -35.705856 -0.372262
-0.001049 -0.025982 -12.394580
0.75000 -0.675943 -15.472057 -0.372262
-0.001049 -0.159150 -7.696662
1.00000 -0.675943 -8.504271 -0.372262
-0.001049 -0.317825 -39.223843

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.690351 4.885429 0.197510
0.001576 0.502271 19.503200
0.25000 0.690351 13.066303 0.197510
0.001576 0.263550 34.847354
0.50000 0.690351 26.810495 0.197510
0.001576 0.039566 40.853224
0.75000 0.690351 41.323814 0.197510
0.001576 0.612830 27.587815
1.00000 0.690351 53.207178 0.197510
0.001576 1.219935 11.374956

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.800465 -51.486987 -0.495305
-0.000953 -0.243684 -31.174336
0.25000 -0.800465 -38.355004 -0.495305
-0.000953 -0.629313 -12.132992
0.50000 -0.800465 -23.562571 -0.495305
-0.000953 -0.024227 -8.804699
0.75000 -0.800465 -10.413387 -0.495305
-0.000953 -0.236086 -5.603039
1.00000 -0.800465 -5.885507 -0.495305
-0.000953 -0.478990 -25.966062

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.654417 4.358442 0.256724
0.001313 0.652991 18.509085
0.25000 0.654417 11.220162 0.256724
0.001313 0.339280 31.075569
0.50000 0.654417 22.748126 0.256724
0.001313 0.037983 35.813714
0.75000 0.654417 34.921196 0.256724
0.001313 0.724339 24.374536
1.00000 0.654417 44.888387 0.256724
0.001313 1.409135 10.448468

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.871134 -43.248320 -0.572933
-0.001582 -1.440077 -26.644401
0.25000 -0.871134 -32.233847 -0.572933
-0.001582 -0.729055 -10.592420
0.50000 -0.871134 -19.826670 -0.572933
-0.001582 -0.018247 -7.719748
0.75000 -0.871134 -8.797770 -0.572933
-0.001582 -0.305595 -4.953099
1.00000 -0.871134 -4.999836 -0.572933
-0.001582 -0.622923 -21.931793

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.091532 0.389280 0.145504
5.43E-07 0.370373 3.203909
0.25000 0.091532 0.401101 0.145504
5.43E-07 0.189123 2.794922
0.50000 0.091532 0.420959 0.145504
5.43E-07 0.007664 2.372459
0.75000 0.091532 0.441929 0.145504
5.43E-07 0.303553 1.926778
1.00000 0.091532 0.459099 0.145504
5.43E-07 0.616655 1.485754
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4570

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.420403 -0.183465 -0.251876
-0.001169 -0.635346 -0.824436
0.25000 -0.420403 -0.164491 -0.251876
-0.001169 -0.322175 -0.667847
0.50000 -0.420403 -0.143118 -0.251876
-0.001169 -0.009102 -0.535175
0.75000 -0.420403 -0.124119 -0.251876
-0.001169 -0.172028 -0.404373
1.00000 -0.420403 -0.117576 -0.251876
-0.001169 -0.353406 -0.315780

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.404582 1.066118 0.235783
4.54E-06 0.599862 7.079137
0.25000 0.404582 1.456190 0.235783
4.54E-06 0.306286 6.881705
0.50000 0.404582 2.111526 0.235783
4.54E-06 0.014390 6.243503
0.75000 0.404582 2.803535 0.235783
4.54E-06 0.514657 4.773927
1.00000 0.404582 3.370146 0.235783
4.54E-06 1.042264 3.221095

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.529839 -2.627680 -0.424883
-0.002095 -1.069956 -2.779873
0.25000 -0.529839 -2.001534 -0.424883
-0.002095 -0.541871 -1.660663
0.50000 -0.529839 -1.296216 -0.424883
-0.002095 -0.014874 -1.290389
0.75000 -0.529839 -0.669251 -0.424883
-0.002095 -0.278667 -0.927948
1.00000 -0.529839 -0.453347 -0.424883
-0.002095 -0.572557 -1.844814

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.280551 1.677620 0.255358
4.63E-06 0.648488 11.526283
0.25000 0.280551 1.688258 0.255358
4.63E-06 0.330297 9.762456
0.50000 0.280551 1.706131 0.255358
4.63E-06 0.018831 7.987245
0.75000 0.280551 1.725004 0.255358
4.63E-06 0.654312 6.372493
1.00000 0.280551 1.740457 0.255358
4.63E-06 1.320263 4.991007

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.796332 -0.425653 -0.536188
-0.002213 -1.345418 -1.953233
0.25000 -0.796332 -0.408577 -0.536188
-0.002213 -0.679497 -1.617075
0.50000 -0.796332 -0.389341 -0.536188
-0.002213 -0.015836 -1.305512
0.75000 -0.796332 -0.372242 -0.536188
-0.002213 -0.302095 -0.994771
1.00000 -0.796332 -0.366353 -0.536188
-0.002213 -0.620386 -0.812434

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.445068 4.422874 0.261869
0.000842 0.666060 17.917746
0.25000 0.445068 11.869703 0.261869
0.000842 0.346108 31.903080
0.50000 0.445068 24.380672 0.261869
0.000842 0.037768 37.384231
0.75000 0.445068 37.591755 0.261869
0.000842 0.716392 25.348535
1.00000 0.445068 48.408851 0.261869
0.000842 1.434845 10.581271
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4571

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.043161 -46.930159 -0.584346
-0.001888 -1.471101 -28.710092
0.25000 -1.043161 -34.976468 -0.584346
-0.001888 -0.745943 -11.324982
0.50000 -1.043161 -21.513114 -0.584346
-0.001888 -0.02128 -8.239115
0.75000 -1.043161 -9.541966 -0.584346
-0.001888 -0.312048 -5.268738
1.00000 -1.043161 -5.420177 -0.584346
-0.001888 -0.635876 -23.754677

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.924626 7.086778 0.181024
0.002399 0.461904 24.542031
0.25000 0.924626 30.454212 0.181024
0.002399 0.240753 79.824326
0.50000 0.924626 59.816967 0.181024
0.002399 0.053716 97.654341
0.75000 0.924626 85.594657 0.181024
0.002399 0.439619 64.226920
1.00000 0.924626 120.092605 0.181024
0.002399 0.874621 20.281781

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.977002 -117.660002 -0.358158
-0.002158 -0.462390 -28.357800
0.25000 -0.977002 -88.999385 -0.358158
-0.002158 -0.462390 -28.357800
0.50000 -0.977002 -60.636068 -0.358158
-0.002158 -0.040793 -21.149329
0.75000 -0.977002 -31.522762 -0.358158
-0.002158 -0.212349 -14.083548
1.00000 -0.977002 -11.432505 -0.358158
-0.002158 -0.438277 -64.919422

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.145410 7.466413 0.261869
0.002599 0.666060 22.266119 0.261869
0.25000 1.145410 26.284432 0.261869
0.002599 0.346108 60.270531
0.50000 1.145410 57.899450 0.261869
0.002599 0.058272 77.976803
0.75000 1.145410 91.283649 0.261869
0.002599 0.770392 60.706874
1.00000 1.145410 118.618304 0.261869
0.002599 1.434845 15.767413

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.043161 -117.486838 -0.584346
-0.002213 -1.471101 -68.608222
0.25000 -1.043161 -87.280051 -0.584346
-0.002213 -0.745943 -25.281841
0.50000 -1.043161 -53.253821 -0.584346
-0.002213 -0.036556 -18.091191
0.75000 -1.043161 -23.007468 -0.584346
-0.002213 -0.312048 -11.190906
1.00000 -1.043161 -12.591772 -0.584346
-0.002213 -0.635876 -58.307195

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.145410 7.466413 0.261869
0.002599 0.666060 24.542031
0.25000 1.145410 30.454212 0.261869
0.002599 0.346108 79.824326
0.50000 1.145410 59.816967 0.261869
0.002599 0.058272 97.654341
0.75000 1.145410 91.283649 0.261869
0.002599 0.716392 64.226920
1.00000 1.145410 120.092605 0.261869
0.002599 1.434845 20.281781
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4572

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.043161 -117.660002 -0.584346
-0.002213 -1.471101 -77.760631
0.25000 -1.043161 -88.999385 -0.584346
-0.002213 -0.745943 -28.357800
0.50000 -1.043161 -60.636068 -0.584346
-0.002213 -0.040793 -21.149329
0.75000 -1.043161 -31.522762 -0.584346
-0.002213 -0.312048 -14.083548
1.00000 -1.043161 -12.591772 -0.584346
-0.002213 -0.635876 -64.919422

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 1.145410 7.466413 0.261869
0.002599 0.666060 24.542031
0.25000 1.145410 30.454212 0.261869
0.002599 0.346108 79.824326
0.50000 1.145410 59.816967 0.261869
0.002599 0.058272 97.654341
0.75000 1.145410 91.283649 0.261869
0.002599 0.716392 64.226920
1.00000 1.145410 120.092605 0.261869
0.002599 1.434845 20.281781

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1.043161 -117.660002 -0.584346
-0.002213 -1.471101 -77.760631
0.25000 -1.043161 -88.999385 -0.584346
-0.002213 -0.745943 -28.357800
0.50000 -1.043161 -60.636068 -0.584346
-0.002213 -0.040793 -21.149329
0.75000 -1.043161 -31.522762 -0.584346
-0.002213 -0.312048 -14.083548
1.00000 -1.043161 -12.591772 -0.584346
-0.002213 -0.635876 -64.919422

ELEM 444 ========== LENGTH = 2.760534

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.462144 1.119276 0.307019
0.002821 0.409218 3.064286
0.25000 0.462144 1.139848 0.307019
0.002821 0.197334 2.334424
0.50000 0.462144 1.166429 0.307019
0.002821 0.022556 1.584461
0.75000 0.462144 1.196891 0.307019
0.002821 0.323119 0.800520
1.00000 0.462144 1.225915 0.307019
0.002821 0.623567 0.026214

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.040699 -0.199540 -0.435365
-1.64E-05 -0.578315 -0.300151
0.25000 -0.040699 -0.184265 -0.435365
-1.64E-05 -0.277855 -0.215199
0.50000 -0.040699 -0.162447 -0.435365
-1.64E-05 -0.014452 -0.144925
0.75000 -0.040699 -0.134165 -0.435365
-1.64E-05 0.226435 -0.075643
1.00000 -0.040699 -0.102342 -0.435365
-1.64E-05 -0.438319 -0.037410

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.489497 7.381729 0.398429
0.003511 0.531051 20.327210
0.25000 0.489497 26.554959 0.398429
0.003511 0.256078 54.924650
0.50000 0.489497 51.328243 0.398429
0.003511 0.052132 70.788205
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4573

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.489497 79.712920 0.398429
0.003511 0.619853 54.960108
1.00000 0.489497 109.937986 0.398429
0.003511 1.171954 0.033856

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.371107 -109.202456 -0.820484
-0.000182 -1.132488 -64.920990
0.25000 -0.371107 -94.965761 -0.820484
-0.000182 -0.566249 -38.551508
0.50000 -0.371107 -74.631042 -0.820484
-0.000182 -0.052005 -25.197571
0.75000 -0.371107 -48.272380 -0.820484
-0.000182 -0.293840 -12.861286
1.00000 -0.371107 -18.613812 -0.820484
-0.000182 -0.568813 -0.076669

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.445420 6.236889 0.487237
0.003079 0.649083 17.154863
0.25000 0.445420 19.289909 0.487237
0.003079 0.312922 39.872528
0.50000 0.445420 36.155412 0.487237
0.003079 0.091438 49.836277
0.75000 0.445420 55.483818 0.487237
0.003079 0.834952 38.224540
1.00000 0.445420 76.056572 0.487237
0.003079 1.598989 0.041634

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.378269 -74.448108 -1.118077
-0.001336 -1.514370 -44.471529
0.25000 -0.378269 -64.755851 -1.118077
-0.001336 -0.742748 -26.447802
0.50000 -0.378269 -50.912097 -1.118077
-0.001336 -0.046143 -17.631043
0.75000 -0.378269 -32.967279 -1.118077
-0.001336 -0.359596 -8.815250
1.00000 -0.378269 -12.775904 -1.118077
-0.001336 -0.695947 -0.100605

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.502895 5.596176 0.601146
0.002565 0.800720 15.375293
0.25000 0.502895 16.427406 0.601146
0.002565 0.385783 33.935654
0.50000 0.502895 30.422184 0.601146
0.002565 0.091471 41.912979
0.75000 0.502895 46.460650 0.601146
0.002565 0.810258 31.987240
1.00000 0.502895 63.531658 0.601146
0.002565 1.764006 0.051283

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.371879 -61.851527 -1.233157
-0.002201 -1.662462 -37.100944
0.25000 -0.371879 -53.809017 -1.233157
-0.002201 -0.811420 -22.093042
0.50000 -0.371879 -42.321646 -1.233157
-0.002201 -0.047738 -14.725000
0.75000 -0.371879 -27.431265 -1.233157
-0.002201 0.443819 -7.357921
1.00000 -0.371879 -10.676720 -1.233157
-0.002201 -0.858763 -0.109615

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.021764 5.600006 0.091836
0.000336 0.122240 15.432312
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4574

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.021764 21.646271 0.091836
0.000336 0.058811 44.786036
0.50000 0.021764 42.379277 0.091836
0.000336 0.064729 58.461186
0.75000 0.021764 66.139966 0.091836
0.000336 0.340160 45.613280
1.00000 0.021764 91.430349 0.091836
0.000336 0.641056 0.007654

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.404616 -91.344738 -0.449509
-0.000587 -0.632860 -54.192405
0.25000 -0.404616 -79.429908 -0.449509
-0.000587 -0.322638 -32.156379
0.50000 -0.404616 -62.411580 -0.449509
-0.000587 -0.032572 -21.438468
0.75000 -0.404616 -40.351753 -0.449509
-0.000587 -0.067877 -10.720533
1.00000 -0.404616 -15.530208 -0.449509
-0.000587 -0.131272 -0.043896

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.130980 5.912823 0.274778
0.000204 0.365744 16.275772
0.25000 0.130980 20.848193 0.274778
0.000204 0.176029 43.113869
0.50000 0.130980 40.145837 0.274778
0.000204 0.082356 55.356852
0.75000 0.130980 62.261556 0.274778
0.000204 0.638669 42.916950
1.00000 0.130980 85.801066 0.274778
0.000204 1.218513 0.023386

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.407925 -85.124530 -0.852768
-0.002010 -1.166325 -50.718754
0.25000 -0.407925 -74.034573 -0.852768
-0.002010 -0.577801 -30.136773
0.50000 -0.407925 -58.194437 -0.852768
-0.002010 -0.039592 -20.089302
0.75000 -0.407925 -37.661832 -0.852768
-0.002010 -0.203066 -10.041849
1.00000 -0.407925 -14.558698 -0.852768
-0.002010 -0.392789 -0.078336

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.318508 5.648408 0.451075
0.002041 0.600793 15.530999
0.25000 0.318508 19.220428 0.451075
0.002041 0.289382 33.518708
0.50000 0.318508 29.880289 0.451075
0.002041 0.085547 41.176650
0.75000 0.318508 45.534927 0.451075
0.002041 0.841343 31.359977
1.00000 0.318508 62.197399 0.451075
0.002041 1.613775 0.038442

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.442751 -60.356491 -1.128153
-0.001983 -1.522292 -36.178188
0.25000 -0.442751 -52.506451 -1.128153
-0.001983 -0.743716 -21.539626
0.50000 -0.442751 -41.293992 -1.128153
-0.001983 -0.040080 -14.357992
0.75000 -0.442751 -26.759962 -1.128153
-0.001983 -0.338004 -7.178331
1.00000 -0.442751 -10.406380 -1.128153
-0.001983 -0.644415 -0.100838
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4575

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.292308 5.050730 0.587002
0.001701 0.781772 13.868405
0.25000 0.292308 13.907035 0.587002
0.001701 0.376558 28.716769
0.50000 0.292308 25.339559 0.587002
0.001701 0.086948 34.911767
0.75000 0.292308 38.464132 0.587002
0.001701 0.926774 26.468300
1.00000 0.292308 52.422478 0.587002
0.001701 1.780470 0.050106

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.450461 -50.620029 -1.244459
-0.002681 -1.673131 -30.452166
0.25000 -0.450461 -44.043951 -1.244459
-0.002681 -0.814288 -18.148794
0.50000 -0.450461 -34.651152 -1.244459
-0.002681 -0.043631 -12.092240
0.75000 -0.450461 -22.475826 -1.244459
-0.002681 -0.433450 -6.036448
1.00000 -0.450461 -8.776240 -1.244459
-0.002681 -0.838666 -0.110000

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.033177 0.518983 0.331958
1.08E-06 0.442045 1.395884
0.25000 0.033177 0.539555 0.331958
1.08E-06 0.212950 1.080091
0.50000 0.033177 0.566136 0.331958
1.08E-06 0.023945 0.744498
0.75000 0.033177 0.596599 0.331958
1.08E-06 0.347013 0.374901
1.00000 0.033177 0.629022 0.331958
1.08E-06 0.670017 0.028408

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.157900 -0.215662 -0.468048
-0.001550 -0.622089 -0.317132
0.25000 -0.157900 -0.200387 -0.468048
-0.001550 -0.299073 -0.220928
0.50000 -0.157900 -0.178569 -0.468048
-0.001550 -0.016025 -0.139312
0.75000 -0.157900 -0.150287 -0.468048
-0.001550 -0.245243 -0.058160
1.00000 -0.157900 -0.118464 -0.468048
-0.001550 -0.474337 -0.039868

COMB DB-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.220568	1.272622	0.533018	
9.21E-06	0.709793	3.452071		
0.25000	0.220568	1.889787	0.533018	
9.21E-06	0.341909	3.851595		
0.50000	0.220568	2.687210	0.533018	
9.21E-06	0.043771	3.646096		
0.75000	0.220568	3.601083	0.533018	
9.21E-06	0.612636	2.424481		
1.00000	0.220568	4.573790	0.533018	
9.21E-06	1.182310	0.045479		

COMB DB-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.205596	-3.703767	-0.825975	
-0.002876	-1.099093	-2.583969		
0.25000	-0.205596	-3.245504	-0.825975	
-0.002876	-0.529060	-1.605020		
0.50000	-0.205596	-2.590953	-0.825975	
-0.002876	-0.026573	-1.061469		
0.75000	-0.205596	-1.742498	-0.825975	
-0.002876	-0.393754	-0.518452		
1.00000	-0.205596	-0.787823	-0.825975	
-0.002876	-0.761643	-0.070794		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4576

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.127508	2.168975	0.565785	
1.41E-05	0.753215	5.916338		
0.25000	0.127508	3.150265	0.565785	
1.41E-05	0.362700	6.450966		
0.50000	0.127508	4.418168	0.565785	
1.41E-05	0.060067	6.026789		
0.75000	0.127508	5.871226	0.565785	
1.41E-05	0.834355	3.980625		
1.00000	0.127508	7.417830	0.565785	
1.41E-05	1.609934	0.048318		

COMB DB-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.371850	-5.818791	-1.124636	
-0.003423	-1.496681	-3.919106		
0.25000	-0.371850	-5.090154	-1.124636	
-0.003423	-0.720533	-2.410978		
0.50000	-0.371850	-4.049417	-1.124636	
-0.003423	-0.029040	-1.595051		
0.75000	-0.371850	-2.700374	-1.124636	
-0.003423	-0.418139	-0.779627		
1.00000	-0.371850	-1.182441	-1.124636	
-0.003423	-0.808660	-0.096987		

COMB DB-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.194494	5.374082	0.589929	
0.001087	0.785595	14.757284		
0.25000	0.194494	15.835013	0.589929	
0.001087	0.378437	32.704398		
0.50000	0.194494	29.351338	0.589929	
0.001087	0.031333	40.488588		
0.75000	0.194494	44.841479	0.589929	
0.001087	0.932458	30.865185		
1.00000	0.194494	61.328864	0.589929	
0.001087	1.789965	0.050349		

COMB DB-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.535690	-59.750777	-1.251333	
-0.002984	-1.685914	-35.856408		
0.25000	-0.535690	-51.983224	-1.251333	
-0.002984	-0.822328	-21.351982		
0.50000	-0.535690	-40.888583	-1.251333	
-0.002984	-0.046619	-14.226163		
0.75000	-0.535690	-26.507275	-1.251333	
-0.002984	-0.435756	-7.100996		
1.00000	-0.535690	-10.325535	-1.251333	
-0.002984	-0.842922	-0.110993		

COMB DL-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.589742	1.200249	0.396261	
0.003340	0.528108	2.902457		
0.25000	0.589742	1.209595	0.396261	
0.003340	0.230475	2.187769		
0.50000	0.589742	1.225059	0.396261	
0.003340	0.037925	1.468466		
0.75000	0.589742	1.243559	0.396261	
0.003340	0.553100	0.735000		
1.00000	0.589742	1.264104	0.396261	
0.003340	1.066394	0.031541		

COMB DL-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.062251	-0.184567	-0.744841	
-1.31E-05	-0.989957	-0.346606		
0.25000	-0.062251	-0.170371	-0.744841	
-1.31E-05	-0.476190	-0.259148		
0.50000	-0.062251	-0.153639	-0.744841	
-1.31E-05	-0.018657	-0.177688		
0.75000	-0.062251	-0.135604	-0.744841	
-1.31E-05	-0.439372	-0.096246		
1.00000	-0.062251	-0.127419	-0.744841	
-1.31E-05	-0.565773	-0.065415		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4577

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.632603	7.294877	0.528269	
0.004036	0.703932	15.826466		
0.25000	0.632603	22.175028	0.528269	
0.004036	0.341702	36.146003		
0.50000	0.632603	46.792642	0.528269	
0.004036	0.108570	49.706604		
0.75000	0.632603	76.244311	0.528269	
0.004036	0.969143	39.292682		
1.00000	0.632603	108.953094	0.528269	
0.004036	1.858594	0.041753		

COMB DL-G1-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.350244	-111.596073	-1.301035	
-0.000124	-1.762595	-58.290058		
0.25000	-0.350244	-88.996701	-1.301035	
-0.000124	-0.867268	-33.857090		
0.50000	-0.350244	-62.359087	-1.301035	
-0.000124	-0.064060	-22.572523		
0.75000	-0.350244	-33.647083	-1.301035	
-0.000124	-0.389719	-11.296385		
1.00000	-0.350244	-20.616870	-1.301035	
-0.000124	-0.754332	-0.119624		

COMB DB-G1-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.592065	6.449860	0.699390	
0.003576	0.931176	14.264003		
0.25000	0.592065	17.015515	0.699390	
0.003576	0.449752	27.921959		
0.50000	0.592065	34.495258	0.699390	
0.003576	0.121557	36.780399		
0.75000	0.592065	55.407423	0.699390	
0.003576	1.323394	28.615894		
1.00000	0.592065	78.632303	0.699390	
0.003576	2.545295	0.055230		

COMB DL-G1-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.384878	-79.382986	-1.779682	
-0.001226	-2.388479	-41.744756		
0.25000	-0.384878	-63.336296	-1.779682	
-0.001226	-1.161925	-24.303329		
0.50000	-0.384878	-44.422251	-1.779682	
-0.001226	-0.060756	-16.197338		
0.75000	-0.384878	-24.035285	-1.779682	
-0.001226	-0.515550	-8.097125		
1.00000	-0.384878	-14.783409	-1.779682	
-0.001226	-0.998656	-0.158557		

COMB DL-G1-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.604741	5.831887	0.862014	
0.002980	1.147714	12.976752		
0.25000	0.604741	14.601549	0.862014	
0.002980	0.553673	24.018342		
0.50000	0.604741	29.110014	0.862014	
0.002980	0.127041	31.076440		
0.75000	0.604741	46.467744	0.862014	
0.002980	1.487546	24.005322		
1.00000	0.604741	65.744464	0.862014	
0.002980	2.864416	0.067615		

COMB DL-G1-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.393933	-66.000093	-2.002714	
-0.002212	-2.681173	-34.916260		
0.25000	-0.393933	-52.681085	-2.002714	
-0.002212	-1.300418	-20.367305		
0.50000	-0.393933	-36.982127	-2.002714	
-0.002212	-0.063579	-13.566827		
0.75000	-0.393933	-20.060621	-2.002714	
-0.002212	-0.635785	-6.770982		
1.00000	-0.393933	-12.381226	-2.002714	
-0.002212	-1.231235	-0.177162		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4578

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.027691	4.816827	0.143979	
0.000312	0.191184	10.290585		
0.25000	0.027691	15.247888	0.143979	
0.000312	0.093511	24.733630		
0.50000	0.027691	32.504959	0.143979	
0.000312	0.062531	34.438861		
0.75000	0.027691	53.150727	0.143979	
0.000312	0.473156	27.336832		
1.00000	0.027691	76.079748	0.143979	
0.000312	0.904270	0.011031		

COMB DL-G2-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.339880	-78.205535	-0.633345	
-0.000449	-0.864129	-40.803139		
0.25000	-0.339880	-62.363262	-0.633345	
-0.000449	-0.429379	-23.685741		
0.50000	-0.339880	-43.690160	-0.633345	
-0.000449	-0.034275	-15.785423		
0.75000	-0.339880	-23.562901	-0.633345	
-0.000449	-0.206197	-7.885017		
1.00000	-0.339880	-14.428656	-0.633345	
-0.000449	-0.205474	-0.058106		

COMB DL-G2-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.124246	5.364460	0.441522	
0.000196	0.587213	11.676664		
0.25000	0.124246	15.318832	0.441522	
0.000196	0.283414	24.982461		
0.50000	0.124246	31.787273	0.441522	
0.000196	0.095482	33.767787		
0.75000	0.124246	51.489553	0.441522	
0.000196	0.972744	26.512133		
1.00000	0.124246	73.370742	0.441522	
0.000196	1.868766	0.034356		

COMB DL-G2-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.375090	-74.776753	-1.307129	
-0.001905	-1.758333	-39.270010		
0.25000	-0.375090	-59.658454	-1.307129	
-0.001905	-0.858956	-22.845929		
0.50000	-0.375090	-41.838694	-1.307129	
-0.001905	-0.047016	-15.217326		
0.75000	-0.375090	-22.631229	-1.307129	
-0.001905	-0.325217	-7.593968		
1.00000	-0.375090	-13.914409	-1.307129	
-0.001905	-0.630658	-0.115902		

COMB DL-G2-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.377987	5.155111	0.661937	
0.002321	0.881018	11.502014		
0.25000	0.377987	11.824051	0.661937	
0.002321	0.424669	19.160400		
0.50000	0.377987	22.326218	0.661937	
0.002321	0.108852	23.880137		
0.75000	0.377987	35.129925	0.661937	
0.002321	1.311255	18.177089		
1.00000	0.377987	49.349616	0.661937	
0.002321	2.525205	0.051879		

COMB DL-G2-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.443175	-48.761531	-1.764790	
-0.001873	-2.358449	-25.995164		
0.25000	-0.443175	-38.936766	-1.764790	
-0.001873	-1.142373	-15.203509		
0.50000	-0.443175	-27.356431	-1.764790	
-0.001873	-0.048008	-10.127482		
0.75000	-0.443175	-14.874284	-1.764790	
-0.001873	-0.487865	-5.054447		
1.00000	-0.443175	-9.209579	-1.764790	
-0.001873	-0.945252	-0.154044		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4579

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.357348	4.724116	0.859726	
0.001934	1.144368	10.617587		
0.25000	0.357348	10.149950	0.859726	
0.001934	0.551429	16.787294		
0.50000	0.357348	19.126410	0.859726	
0.001934	0.118293	20.492489		
0.75000	0.357348	29.865540	0.859726	
0.001934	1.503180	15.455732		
1.00000	0.357348	41.792329	0.859726	
0.001934	2.897526	0.067108		

COMB DL-G2-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.478596	-40.980565	-2.025268	
-0.002705	-2.702684	-21.991188		
0.25000	-0.478596	-32.740028	-2.025268	
-0.002705	-1.306325	-12.886697		
0.50000	-0.478596	-23.027003	-2.025268	
-0.002705	-0.054511	-8.575924		
0.75000	-0.478596	-12.557582	-2.025268	
-0.002705	-0.634219	-4.267678		
1.00000	-0.478596	-7.806302	-2.025268	
-0.002705	-1.227960	-0.176749		

COMB DL-G3-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.048763	0.659031	0.486258	
7.70E-07	0.647366	1.583080		
0.25000	0.048763	0.668378	0.486258	
7.70E-07	0.311895	1.189000		
0.50000	0.048763	0.683841	0.486258	
7.70E-07	0.043008	0.782818		
0.75000	0.048763	0.702341	0.486258	
7.70E-07	0.642183	0.365821		
1.00000	0.048763	0.722887	0.486258	
7.70E-07	1.241096	0.037677		

COMB DL-G3-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.225717	-0.213531	-0.867833	
-0.001719	-1.153717	-0.370156		
0.25000	-0.225717	-0.199335	-0.867833	
-0.001719	-0.554906	-0.261761		
0.50000	-0.225717	-0.182603	-0.867833	
-0.001719	-0.022764	-0.161530		
0.75000	-0.225717	-0.164568	-0.867833	
-0.001719	-0.359390	-0.061170		
1.00000	-0.225717	-0.156383	-0.867833	
-0.001719	-0.694807	-0.075687		

COMB DL-G3-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.218809	1.440403	0.788226	
6.63E-06	1.049250	3.384688		
0.25000	0.218809	1.748448	0.788226	
6.63E-06	0.505270	3.012546		
0.50000	0.218809	2.258738	0.788226	
6.63E-06	0.074325	2.500705		
0.75000	0.218809	2.869231	0.788226	
6.63E-06	1.093603	1.492110		
1.00000	0.218809	3.547240	0.788226	
6.63E-06	2.112842	0.061052		

COMB DL-G3-2 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.284765	-2.610559	-1.477138	
-0.003264	-1.964311	-1.928096		
0.25000	-0.284765	-2.142104	-1.477138	
-0.003264	-0.944924	-1.226384		
0.50000	-0.284765	-1.589943	-1.477138	
-0.003264	-0.037504	-0.796986		
0.75000	-0.284765	-0.994782	-1.477138	
-0.003264	-0.582352	-0.367549		
1.00000	-0.284765	-0.724683	-1.477138	
-0.003264	-1.126280	-0.128425		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4580

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.151616	2.198722	0.857807	
6.50E-06	1.147287	5.186336		
0.25000	0.151616	2.207134	0.857807	
6.50E-06	0.548897	3.867017		
0.50000	0.151616	2.221051	0.857807	
6.50E-06	0.095673	2.544061		
0.75000	0.151616	2.237700	0.857807	
6.50E-06	1.397048	1.207819		
1.00000	0.151616	2.256192	0.857807	
6.50E-06	2.698105	0.066617		

COMB DL-G3-3 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.435509	-0.422369	-1.885208	
-0.003575	-2.505057	-0.906552		
0.25000	-0.435509	-0.409593	-1.885208	
-0.003575	-1.204501	-0.657741		
0.50000	-0.435509	-0.394534	-1.885208	
-0.003575	-0.040209	-0.415725		
0.75000	-0.435509	-0.378303	-1.885208	
-0.003575	-0.611367	-0.173138		
1.00000	-0.435509	-0.370936	-1.885208	
-0.003575	-1.225507	-0.162142		

COMB DL-G3-4 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.242332	4.819696	0.877794	
0.001233	1.168244	10.763508		
0.25000	0.242332	10.708198	0.877794	
0.001233	0.562989	17.648841		
0.50000	0.242332	20.450093	0.877794	
0.001233	0.127041	21.859746		
0.75000	0.242332	32.104962	0.877794	
0.001233	1.523505	16.582654		
1.00000	0.242332	45.048765	0.877794	
0.001233	2.936795	0.068266		

COMB DL-G3-4 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.571929	-44.470806	-2.052962	
-0.003091	-2.740835	-23.829598		
0.25000	-0.571929	-35.527587	-2.052962	
-0.003091	-1.325582	-13.955721		
0.50000	-0.571929	-24.986320	-2.052962	
-0.003091	-0.056540	-9.284921		
0.75000	-0.571929	-13.624158	-2.052962	
-0.003091	-0.647994	-4.616924		
1.00000	-0.571929	-8.467729	-2.052962	
-0.003091	-1.253935	-0.179143		

COMB DB ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.502895	7.381729	0.601146	
0.003511	0.800720	20.327210		
0.25000	0.502895	26.554959	0.601146	
0.003511	0.385783	54.924650		
0.50000	0.502895	51.328243	0.601146	
0.003511	0.092132	70.788205		
0.75000	0.502895	79.719220	0.601146	
0.003511	0.932458	54.960108		
1.00000	0.502895	109.937986	0.601146	
0.003511	1.789965	0.051283		

COMB DB ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.535690	-109.202456	-1.251333	
-0.003423	-1.685914	-64.920990		
0.25000	-0.535690	-94.965761	-1.251333	
-0.003423	-0.822328	-38.551508		
0.50000	-0.535690	-74.631042	-1.251333	
-0.003423	-0.052305	-25.705871		
0.75000	-0.535690	-48.272380	-1.251333	
-0.003423	-0.443819	-12.861286		
1.00000	-0.535690	-18.613812	-1.251333	
-0.003423	-0.858763	-0.110993		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4581

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.632603	7.294877	0.877794	
0.004036	1.168244	15.826466		
0.25000	0.632603	22.175028	0.877794	
0.004036	0.562989	36.146003		
0.50000	0.632603	46.792642	0.877794	
0.004036	0.127041	49.706604		
0.75000	0.632603	76.244311	0.877794	
0.004036	1.523505	39.292682		
1.00000	0.632603	108.953094	0.877794	
0.004036	2.936795	0.068266		

COMB DL ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.571929	-111.596073	-2.052962	
-0.003575	-2.740835	-58.290058		
0.25000	-0.571929	-88.996701	-2.052962	
-0.003575	-1.325582	-33.857090		
0.50000	-0.571929	-62.359087	-2.052962	
-0.003575	-0.064060	-22.572523		
0.75000	-0.571929	-33.647083	-2.052962	
-0.003575	-0.647994	-11.296385		
1.00000	-0.571929	-20.616870	-2.052962	
-0.003575	-1.253935	-0.179143		

COMB CAR ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.632603	7.381729	0.877794	
0.004036	1.168244	20.327210		
0.25000	0.632603	26.554959	0.877794	
0.004036	0.562989	54.924650		
0.50000	0.632603	51.328243	0.877794	
0.004036	0.127041	70.788205		
0.75000	0.632603	79.719220	0.877794	
0.004036	1.523505	54.960108		
1.00000	0.632603	109.937986	0.877794	
0.004036	2.936795	0.068266		

COMB CAR ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.571929	-111.596073	-2.052962	
-0.003575	-2.740835	-64.920990		
0.25000	-0.571929	-94.965761	-2.052962	
-0.003575	-1.325582	-38.551508		
0.50000	-0.571929	-74.631042	-2.052962	
-0.003575	-0.064060	-25.705871		
0.75000	-0.571929	-48.272380	-2.052962	
-0.003575	-0.647994	-12.861286		
1.00000	-0.571929	-20.616870	-2.052962	
-0.003575	-1.253935	-0.179143		

COMB DESIGN ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.632603	7.381729	0.877794	
0.004036	1.168244	20.327210		
0.25000	0.632603	26.554959	0.877794	
0.004036	0.562989	54.924650		
0.50000	0.632603	51.328243	0.877794	
0.004036	0.127041	70.788205		
0.75000	0.632603	79.719220	0.877794	
0.004036	1.523505	54.960108		
1.00000	0.632603	109.937986	0.877794	
0.004036	2.936795	0.068266		

COMB DESIGN ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.571929	-111.596073	-2.052962	
-0.003575	-2.740835	-64.920990		
0.25000	-0.571929	-94.965761	-2.052962	
-0.003575	-1.325582	-38.551508		
0.50000	-0.571929	-74.631042	-2.052962	
-0.003575	-0.064060	-25.705871		
0.75000	-0.571929	-48.272380	-2.052962	
-0.003575	-0.647994	-12.861286		
1.00000	-0.571929	-20.616870	-2.052962	
-0.003575	-1.253935	-0.179143		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4582

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 445 ========== LENGTH = 2.743418

COMB DB-G1-1 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.029032	0.112855	0.431232	
9.42E-07	0.612962	0.020654		
0.25000	0.029032	0.144684	0.431232	
9.42E-07	0.317200	0.387772		
0.50000	0.029032	0.172784	0.431232	
9.42E-07	0.021335	0.770155		
0.75000	0.029032	0.194600	0.431232	
9.42E-07	0.159818	1.118807		
1.00000	0.029032	0.209848	0.431232	
9.42E-07	0.331604	1.447478		

COMB DB-G1-1 ---------- MIN

REL DIST	T	P M2	V2 M3	V3
0.00000	-0.013731	-0.651029	-0.250469	
-0.001759	-0.355536	-0.040042		
0.25000	-0.013731	-0.618616	-0.250469	
-0.001759	-0.163750	-0.063146		
0.50000	-0.013731	-0.588151	-0.250469	
-0.001759	-0.011664	-0.140579		
0.75000	-0.013731	-0.561575	-0.250469	
-0.001759	-0.274354	-0.217991		
1.00000	-0.013731	-0.541004	-0.250469	
-0.001759	-0.570100	-0.309565		

COMB DB-G1-2 ---------- MAX

REL DIST	T	P M2	V2 M3	V3
0.00000	0.146882	0.744055	0.811353	
6.90E-06	1.153771	0.033036		
0.25000	0.146882	1.635257	0.811353	
6.90E-06	0.597308	2.312594		
0.50000	0.146882	2.422073	0.811353	
6.90E-06	0.041924	3.520214		
0.75000	0.146882	3.032930	0.811353	
6.90E-06	0.256818	3.781966		
1.00000	0.146882	3.459872	0.811353	
6.90E-06	0.532941	3.484259		

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.013764 -4.374236 -0.402585
-0.003135 -0.571517 -0.075404
0.25000 -0.013764 -3.466693 -0.402585
-0.003135 -0.295395 -0.495030
0.50000 -0.013764 -2.613657 -0.402585
-0.003135 -0.019791 -1.005396
0.75000 -0.013764 -1.869539 -0.402585
-0.003135 -0.516470 -1.515721
1.00000 -0.013764 -1.293554 -0.402585
-0.003135 -1.072497 -2.422846

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.212123 0.250551 1.119744
8.49E-07 1.592663 0.038948
0.25000 0.212123 0.279197 1.119744
8.49E-07 0.824681 1.271447
0.50000 0.212123 0.304488 1.119744
8.49E-07 0.056389 2.586129
0.75000 0.212123 0.324122 1.119744
8.49E-07 0.302392 3.870409
1.00000 0.212123 0.337845 1.119744
8.49E-07 0.627756 5.136705

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.014544 -2.000858 -0.474375
-0.003854 -0.673653 -0.106534
0.25000 -0.014544 -1.971687 -0.474375
-0.003854 -0.348281 -0.143805
0.50000 -0.014544 -1.944268 -0.474375
-0.003854 -0.022143 -0.315720
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4583

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.014544 -1.920350 -0.474375
-0.003854 -0.711309 -0.487593
1.00000 -0.014544 -1.901836 -0.474375
-0.003854 -1.479276 -0.672188

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.182094 10.780991 1.252779
0.000907 1.781609 0.041960
0.25000 0.182094 27.658137 1.252779
0.000907 0.922534 31.870147
0.50000 0.182094 42.558463 1.252779
0.000907 0.089952 41.683906
0.75000 0.182094 54.126572 1.252779
0.000907 0.324219 33.585277
1.00000 0.182094 62.211789 1.252779
0.000907 0.673087 14.891889

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.076097 -63.801637 -0.508624
-0.003422 -0.722280 -0.127456
0.25000 -0.076097 -46.615048 -0.508624
-0.003422 -0.373422 -7.380239
0.50000 -0.076097 -30.460665 -0.508624
-0.003422 -0.043915 -14.774491
0.75000 -0.076097 -16.368941 -0.508624
-0.003422 -0.811779 -22.168707
1.00000 -0.076097 -5.461231 -0.508624
-0.003422 -1.662615 -37.077528

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.146031 0.120284 0.449867
8.16E-06 0.640163 0.012680
0.25000 0.146031 0.152113 0.449867
8.16E-06 0.331620 0.554236
0.50000 0.146031 0.180214 0.449867
8.16E-06 0.022960 1.096381
0.75000 0.146031 0.202030 0.449867
8.16E-06 0.098544 1.604744
1.00000 0.146031 0.217278 0.449867
8.16E-06 0.204654 2.093127

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.001851 -0.883805 -0.154694
-0.001515 -0.219737 -0.042134
0.25000 -0.001851 -0.851392 -0.154694
-0.001515 -0.113627 -0.075973
0.50000 -0.001851 -0.820927 -0.154694
-0.001515 -0.007340 -0.158506
0.75000 -0.001851 -0.794351 -0.154694
-0.001515 -0.285501 -0.241014
1.00000 -0.001851 -0.773780 -0.154694
-0.001515 -0.594025 -0.337684

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.192608 14.573557 0.868202
0.000161 1.234493 0.021953
0.25000 0.192608 37.681162 0.868202
0.000161 0.639223 42.597915
0.50000 0.192608 58.082174 0.868202
0.000161 0.080578 54.933108
0.75000 0.192608 73.920830 0.868202
0.000161 0.716165 42.743277
1.00000 0.192608 84.990830 0.868202
0.000161 0.355657 16.047468

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.014847 -85.749022 -0.268943
-0.002210 -0.382166 -0.099154
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4584

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.014847 -62.217737 -0.268943
-0.002210 -0.197688 -9.989875
0.50000 -0.014847 -40.099714 -0.268943
-0.002210 -0.040317 -19.985241
0.75000 -0.014847 -20.805811 -0.268943
-0.002210 -0.573403 -29.980601
1.00000 -0.014847 -5.871351 -0.268943
-0.002210 -1.157379 -50.264713

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223383 13.239369 1.136668
0.000146 1.616258 0.035400
0.25000 0.223383 34.122150 1.136668
0.000146 0.836840 38.755121
0.50000 0.223383 52.558933 1.136668
0.000146 0.090364 50.188617
0.75000 0.223383 66.872628 1.136668
0.000146 0.275161 39.458383
1.00000 0.223383 76.876797 1.136668
0.000146 0.571388 15.618821

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.017098 -77.910104 -0.431863
-0.003372 -0.613392 -0.121883
0.25000 -0.017098 -56.644435 -0.431863
-0.003372 -0.317178 -9.062664
0.50000 -0.017098 -36.655957 -0.431863
-0.003372 -0.045161 -18.143010
0.75000 -0.017098 -19.219968 -0.431863
-0.003372 -0.741953 -27.223317
1.00000 -0.017098 -5.723135 -0.431863
-0.003372 -1.511163 -45.601757

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.190593 8.784836 1.273049
0.001616 1.811077 0.042381
0.25000 0.190593 22.487073 1.273049
0.001616 0.938063 26.280013
0.50000 0.190593 34.584368 1.273049
0.001616 0.086579 34.663285
0.75000 0.190593 43.976298 1.273049
0.001616 0.325778 28.503827
1.00000 0.190593 50.540533 1.273049
0.001616 0.676302 13.742683

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.110780 -52.405542 -0.511072
-0.002976 -0.725701 -0.123245
0.25000 -0.110780 -38.452074 -0.511072
-0.002976 -0.375184 -6.003076
0.50000 -0.110780 -25.336635 -0.511072
-0.002976 -0.040337 -12.027440
0.75000 -0.110780 -13.895828 -0.511072
-0.002976 -0.821061 -18.052598
1.00000 -0.110780 -5.040064 -0.511072
-0.002976 -1.687377 -30.178704

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.007916 0.108621 0.504405
0.002714 0.718630 0.022671
0.25000 0.007916 0.140450 0.504405
0.002714 0.372691 0.857132
0.50000 0.007916 0.168550 0.504405
0.002714 0.026682 1.691951
0.75000 0.007916 0.190367 0.504405
0.002714 0.170468 2.493026
1.00000 0.007916 0.205615 0.504405
0.002714 0.353694 3.274096
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4585

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.159596 -1.310553 -0.267149
-2.66E-05 -0.379207 -0.033038
0.25000 -0.159596 -1.278141 -0.267149
-2.66E-05 -0.195982 -0.065047
0.50000 -0.159596 -1.247675 -0.267149
-2.66E-05 -0.012700 -0.1395664
0.75000 -0.159596 -1.221099 -0.267149
-2.66E-05 -0.319274 -0.214085
1.00000 -0.159596 -1.200529 -0.267149
-2.66E-05 -0.665178 -0.302755

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.029094 17.699246 0.878798
0.003213 1.250279 0.031533
0.25000 0.029094 45.837758 0.878798
0.003213 0.647804 51.890196
0.50000 0.029094 70.676880 0.878798
0.003213 0.089895 66.909378
0.75000 0.029094 89.962317 0.878798
0.003213 0.239639 52.066135
1.00000 0.029094 103.441490 0.878798
0.003213 0.497509 19.559965

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.201176 -104.409883 -0.375906
-0.000401 -0.533759 -0.087404
0.25000 -0.201176 -75.757485 -0.375906
-0.000401 -0.275916 -12.138701
0.50000 -0.201176 -48.825877 -0.375906
-0.000401 -0.051280 -24.277849
0.75000 -0.201176 -25.333026 -0.375906
-0.000401 -0.584101 -36.416981
1.00000 -0.201176 -7.148367 -0.375906
-0.000401 -1.172845 -61.084016

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.139903 12.242506 1.177593
0.002838 1.675701 0.038395
0.25000 0.139903 31.549769 1.177593
0.002838 0.868214 36.366796
0.50000 0.139903 48.595573 1.177593
0.002838 0.091238 47.461612
0.75000 0.139903 61.829360 1.177593
0.002838 0.292459 38.066317
1.00000 0.139903 71.078756 1.177593
0.002838 0.607287 16.550825

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.174635 -72.798125 -0.458962
-0.001556 -0.651838 -0.112116
0.25000 -0.174635 -53.136862 -0.458962
-0.001556 -0.337017 -8.379793
0.50000 -0.174635 -34.656430 -0.458962
-0.001556 -0.044753 -16.776434
0.75000 -0.174635 -18.335657 -0.458962
-0.001556 -0.765248 -25.173054
1.00000 -0.174635 -6.057360 -0.458962
-0.001556 -1.563310 -42.166284

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.191029 10.197929 1.289635
0.002365 1.834985 0.043922
0.25000 0.191029 26.167957 1.289635
0.002365 0.950623 30.359999
0.50000 0.191029 40.267418 1.289635
0.002365 0.091395 38.840086
0.75000 0.191029 51.213761 1.289635
0.002365 0.336879 32.371487
1.00000 0.191029 58.664412 1.289635
0.002365 0.699379 14.877894
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4586

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.146725 -60.656814 -0.528477
-0.002461 -0.750456 -0.121430
0.25000 -0.146725 -44.393974 -0.528477
-0.002461 -0.387962 -6.974108
0.50000 -0.146725 -29.107861 -0.528477
-0.002461 -0.043943 -13.968480
0.75000 -0.146725 -15.773541 -0.528477
-0.002461 -0.833391 -20.962815
1.00000 -0.146725 -5.452102 -0.528477
-0.002461 -1.709956 -35.067843

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.025869 0.162120 0.840019
6.51E-07 1.193602 0.038123
0.25000 0.025869 0.170302 0.840019
6.51E-07 0.616702 0.387292
0.50000 0.025869 0.188323 0.840019
6.51E-07 0.039739 0.822874
0.75000 0.025869 0.205039 0.840019
6.51E-07 0.305713 1.245249
1.00000 0.025869 0.219214 0.840019
6.51E-07 0.634697 1.664499

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.022708 -0.758788 -0.479575
-0.001987 -0.680911 -0.075199
0.25000 -0.022708 -0.738270 -0.479575
-0.001987 -0.351830 -0.066683
0.50000 -0.022708 -0.719781 -0.479575
-0.001987 -0.021522 -0.171388
0.75000 -0.022708 -0.704335 -0.479575
-0.001987 -0.534330 -0.278616
1.00000 -0.022708 -0.694978 -0.479575
-0.001987 -1.110753 -0.393418

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.131569 0.683205 1.503661
4.43E-06 2.136704 0.063418
0.25000 0.131569 0.920482 1.503661
4.43E-06 1.104574 1.418421
0.50000 0.131569 1.443091 1.503661
4.43E-06 0.072987 2.429325
0.75000 0.131569 1.927852 1.503661
4.43E-06 0.509043 3.009611
1.00000 0.131569 2.338941 1.503661
4.43E-06 1.056487 3.469093

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.016729 -3.330882 -0.798250
-0.003545 -1.133516 -0.131395
0.25000 -0.016729 -2.735865 -0.798250
-0.003545 -0.858533 -0.344952
0.50000 -0.016729 -2.199675 -0.798250
-0.003545 -0.036448 -0.750785
0.75000 -0.016729 -1.751745 -0.798250
-0.003545 -0.955147 -1.160418
1.00000 -0.016729 -1.480396 -0.798250
-0.003545 -1.986971 -1.807132

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.193547 0.384693 1.934145
1.50E-05 2.749225 0.071042
0.25000 0.193547 0.399566 1.934145
1.50E-05 1.422039 1.214854
0.50000 0.193547 0.408275 1.934145
1.50E-05 0.094368 2.566452
0.75000 0.193547 0.423320 1.934145
1.50E-05 0.572671 3.907424
1.00000 0.193547 0.436078 1.934145
1.50E-05 1.188712 5.245696
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4587

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.021004 -2.297473 -0.898088
-0.004097 -1.275775 -0.172551
0.25000 -0.021004 -2.279007 -0.898088
-0.004097 -0.660099 -0.181925
0.50000 -0.021004 -2.262367 -0.898088
-0.004097 -0.043917 -0.426319
0.75000 -0.021004 -2.248466 -0.898088
-0.004097 -1.226740 -0.687992
1.00000 -0.021004 -2.240045 -0.898088
-0.004097 -2.553531 -0.948894

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.171395 9.380862 2.116773
0.000992 3.008628 0.073990
0.25000 0.171395 15.106214 2.116773
0.000992 1.556681 18.085166
0.50000 0.171395 27.716389 2.116773
0.000992 0.121818 23.701394
0.75000 0.171395 39.413351 2.116773
0.000992 0.609478 18.858919
1.00000 0.171395 49.332640 2.116773
0.000992 1.250817 11.065125

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.071980 -49.662121 -0.944387
-0.003620 -1.341489 -0.196793
0.25000 -0.071980 -35.304774 -0.944387
-0.003620 -0.693699 -5.080308
0.50000 -0.071980 -22.366874 -0.944387
-0.003620 -0.060691 -10.213069
0.75000 -0.071980 -11.558641 -0.944387
-0.003620 -1.355669 -15.351504
1.00000 -0.071980 -5.011176 -0.944387
-0.003620 -2.801358 -26.233881

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.130653 0.171016 0.736427
5.31E-06 1.047483 0.024674
0.25000 0.130653 0.179198 0.736427
5.31E-06 0.541820 0.490531
0.50000 0.130653 0.197219 0.736427
5.31E-06 0.036142 1.019525
0.75000 0.130653 0.213935 0.736427
5.31E-06 0.320634 1.534495
1.00000 0.130653 0.228110 0.736427
5.31E-06 0.420445 2.045342

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.002450 -0.943667 -0.317706
-0.001634 -0.451371 -0.062509
0.25000 -0.002450 -0.923150 -0.317706
-0.001634 -0.233532 -0.085297
0.50000 -0.002450 -0.904660 -0.317706
-0.001634 -0.014358 -0.194949
0.75000 -0.002450 -0.889214 -0.317706
-0.001634 -0.466232 -0.305553
1.00000 -0.002450 -0.879858 -0.317706
-0.001634 -0.971917 -0.424166

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.177664 13.909694 1.344204
0.000144 1.909778 0.038214
0.25000 0.177664 22.623520 1.344204
0.000144 0.988238 26.277591
0.50000 0.177664 41.815855 1.344204
0.000144 0.093647 33.450228
0.75000 0.177664 59.613304 1.344204
0.000144 0.325492 24.702311
1.00000 0.177664 74.715186 1.344204
0.000144 0.652273 11.460927
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4588

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.015765 -73.270928 -0.491840
-0.002183 -0.699195 -0.133978
0.25000 -0.015765 -51.419447 -0.491840
-0.002183 -0.362160 -7.541809
0.50000 -0.015765 -31.728323 -0.491840
-0.002183 -0.049482 -15.113797
0.75000 -0.015765 -15.278494 -0.491840
-0.002183 -0.871141 -22.691174
1.00000 -0.015765 -5.313434 -0.491840
-0.002183 -1.783848 -39.010795

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.204730 12.695961 1.884306
0.000130 2.677149 0.063172
0.25000 0.204730 20.582587 1.884306
0.000130 1.384896 24.061796
0.50000 0.204730 37.953001 1.884306
0.000130 0.116823 30.883500
0.75000 0.204730 54.065472 1.884306
0.000130 0.529310 23.297586
1.00000 0.204730 67.729213 1.884306
0.000130 1.077727 11.645439

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.019242 -66.842846 -0.813408
-0.003505 -1.155694 -0.179586
0.25000 -0.019242 -47.065717 -0.813408
-0.003505 -0.598032 -6.867338
0.50000 -0.019242 -29.243863 -0.813408
-0.003505 -0.061328 -13.789200
0.75000 -0.019242 -14.355010 -0.813408
-0.003505 -1.212669 -20.718959
1.00000 -0.019242 -5.336529 -0.813408
-0.003505 -2.496888 -35.561118

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.178441 7.830444 2.134851
0.001836 3.035353 0.072097
0.25000 0.178441 12.586229 2.134851
0.001836 1.571167 15.348111
0.50000 0.178441 23.060919 2.134851
0.001836 0.120625 20.550028
0.75000 0.178441 32.777044 2.134851
0.001836 0.601046 16.664334
1.00000 0.178441 41.016540 2.134851
0.001836 1.235606 10.527830

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.099647 -41.814093 -0.933252
-0.003068 -1.325568 -0.192428
0.25000 -0.099647 -29.888108 -0.933252
-0.003068 -0.685359 -4.249556
0.50000 -0.099647 -19.141192 -0.933252
-0.003068 -0.057321 -8.539813
0.75000 -0.099647 -10.163293 -0.933252
-0.003068 -1.364154 -12.835872
1.00000 -0.099647 -4.724616 -0.933252
-0.003068 -2.823672 -21.903594

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.010322 0.132222 0.906113
0.003158 1.290299 0.033165
0.25000 0.010322 0.140404 0.906113
0.003158 0.668863 0.782441
0.50000 0.010322 0.158425 0.906113
0.003158 0.046709 1.563267
0.75000 0.010322 0.175141 0.906113
0.003158 0.277675 2.329987
1.00000 0.010322 0.189316 0.906113
0.003158 0.577662 3.094930
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4589

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.141751 -1.362704 -0.436863
-2.08E-05 -0.619755 -0.066567
0.25000 -0.141751 -1.342186 -0.436863
-2.08E-05 -0.319748 -0.089119
0.50000 -0.141751 -1.323697 -0.436863
-2.08E-05 -0.020653 -0.1112521
0.75000 -0.141751 -1.308251 -0.436863
-2.08E-05 -0.574260 -0.237553
1.00000 -0.141751 -1.298894 -0.436863
-2.08E-05 -1.195628 -0.323683

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.032632 19.598323 1.469618
0.003646 2.089544 0.046399
0.25000 0.032632 31.969502 1.469618
0.003646 1.082452 37.129020
0.50000 0.032632 59.217211 1.469618
0.003646 0.113261 47.040967
0.75000 0.032632 84.491674 1.469618
0.003646 0.409529 34.349894
1.00000 0.032632 105.924994 1.469618
0.003646 0.819586 15.279977

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.176329 -103.576362 -0.618122
-0.000312 -0.877656 -0.137837
0.25000 -0.176329 -72.553414 -0.618122
-0.000312 -0.453106 -10.659741
0.50000 -0.176329 -44.597565 -0.618122
-0.000312 -0.066815 -21.301972
0.75000 -0.176329 -21.243442 -0.618122
-0.000312 -0.960124 -31.950339
1.00000 -0.176329 -7.095864 -0.618122
-0.000312 -1.954225 -55.015004

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.132531 14.258989 1.920376
0.003246 2.730827 0.059588
0.25000 0.132531 23.176547 1.920376
0.003246 1.414253 27.415378
0.50000 0.132531 42.817603 1.920376
0.003246 0.124950 35.268946
0.75000 0.132531 61.036279 1.920376
0.003246 0.508088 26.830215
1.00000 0.132531 76.486131 1.920376
0.003246 1.032214 13.793702

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.154994 -75.838157 -0.779184
-0.001466 -1.107010 -0.173518
0.25000 -0.154994 -53.475782 -0.779184
-0.001466 -0.572158 -7.749487
0.50000 -0.154994 -33.324274 -0.779184
-0.001466 -0.063915 -15.503370
0.75000 -0.154994 -16.489844 -0.779184
-0.001466 -1.237057 -23.263696
1.00000 -0.154994 -6.291799 -0.779184
-0.001466 -2.544125 -39.973607

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.176731 11.948017 2.164902
0.002705 3.078234 0.072591
0.25000 0.176731 19.348633 2.164902
0.002705 1.593525 23.023660
0.50000 0.176731 35.648602 2.164902
0.002705 0.131277 29.855920
0.75000 0.176731 50.768147 2.164902
0.002705 0.610895 23.168509
1.00000 0.176731 63.589865 2.164902
0.002705 1.249691 12.665889
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4590

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.130882 -63.452325 -0.943615
-0.002533 -1.340407 -0.192905
0.25000 -0.130882 -44.893955 -0.943615
-0.002533 -0.627789 -9.484651
0.50000 -0.130882 -28.170366 -0.943615
-0.002533 -0.066407 -12.993911
0.75000 -0.130882 -14.199597 -0.943615
-0.002533 -1.388944 -19.509581
1.00000 -0.130882 -5.736313 -0.943615
-0.002533 -2.865842 -33.453005

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223383 17.699246 1.289635
0.003213 1.834985 0.043922
0.25000 0.223383 45.835778 1.289635
0.003213 0.950623 51.890196
0.50000 0.223383 70.676680 1.289635
0.003213 0.091395 66.909378
0.75000 0.223383 89.962317 1.289635
0.003213 0.336879 52.066135
1.00000 0.223383 103.441690 1.289635
0.003213 0.699379 19.559965

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.201176 -104.409883 -0.528477
-0.003854 -0.750456 -0.127456
0.25000 -0.201176 -75.757465 -0.528477
-0.003854 -0.387962 -12.138701
0.50000 -0.201176 -48.825877 -0.528477
-0.003854 -0.051280 -24.277849
0.75000 -0.201176 -25.333026 -0.528477
-0.003854 -0.714981 -36.416981
1.00000 -0.201176 -7.148367 -0.528477
-0.003854 -1.709956 -61.084016

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.204730 19.598323 2.164902
0.003646 3.078234 0.073990
0.25000 0.204730 31.969502 2.164902
0.003646 1.593525 37.129020
0.50000 0.204730 59.217211 2.164902
0.003646 0.131277 47.040667
0.75000 0.204730 84.491674 2.164902
0.003646 0.610895 34.349894
1.00000 0.204730 105.924994 2.164902
0.003646 1.250817 15.279977

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.176329 -103.576362 -0.944387
-0.004097 -1.341489 -0.196793
0.25000 -0.176329 -72.553414 -0.944387
-0.004097 -0.693699 -10.659741
0.50000 -0.176329 -44.597565 -0.944387
-0.004097 -0.066815 -21.301972
0.75000 -0.176329 -21.243442 -0.944387
-0.004097 -1.388944 -31.950339
1.00000 -0.176329 -7.095864 -0.944387
-0.004097 -2.865842 -55.015004

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223383 19.598323 2.164902
0.003646 3.078234 0.073990
0.25000 0.223383 45.835778 2.164902
0.003646 1.593525 51.890196
0.50000 0.223383 70.676680 2.164902
0.003646 0.131277 66.909378
0.75000 0.223383 89.962317 2.164902
0.003646 0.610895 52.066135
1.00000 0.223383 105.924994 2.164902
0.003646 1.250817 19.559965
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4591

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.201176 -104.409883 -0.944387
-0.004097 -1.341489 -0.196793
0.25000 -0.201176 -75.757465 -0.944387
-0.004097 -0.693699 -12.138701
0.50000 -0.201176 -48.825877 -0.944387
-0.004097 -0.066815 -25.333026 -0.944387
0.75000 -0.201176 -25.333026 -0.944387
-0.004097 -1.388944 -36.416981
1.00000 -0.201176 -7.148367 -0.944387
-0.004097 -2.865842 -61.084016

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.223383 19.598323 2.164902
0.003646 3.078234 0.073990
0.25000 0.223383 45.835778 2.164902
0.003646 1.593525 51.890196
0.50000 0.223383 70.676680 2.164902
0.003646 0.131277 66.909378
0.75000 0.223383 89.962317 2.164902
0.003646 0.610895 52.066135
1.00000 0.223383 105.924994 2.164902
0.003646 1.250817 19.559965

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.201176 -104.409883 -0.944387
-0.004097 -1.341489 -0.196793
0.25000 -0.201176 -75.757465 -0.944387
-0.004097 -0.693699 -12.138701
0.50000 -0.201176 -48.825877 -0.944387
-0.004097 -0.066815 -25.277849
0.75000 -0.201176 -25.333026 -0.944387
-0.004097 -1.388944 -36.416981
1.00000 -0.201176 -7.148367 -0.944387
-0.004097 -2.865842 -61.084016

ELEM 446 ========== LENGTH = 4.943032

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.071770 0.087003 0.129683
7.51E-07 0.315879 1.398719
0.25000 0.071770 0.108556 0.129683
7.51E-07 0.155640 1.734962
0.50000 0.071770 0.139788 0.129683
7.51E-07 0.005271 2.072762
0.75000 0.071770 0.171014 0.129683
7.51E-07 0.100115 2.362076
1.00000 0.071770 0.200511 0.129683
7.51E-07 0.194856 2.617030

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.020151 -0.392963 -0.076676
-0.001186 -0.184156 -0.290034
0.25000 -0.020151 -0.356538 -0.076676
-0.001186 -0.089398 -0.319775
0.50000 -0.020151 -0.328731 -0.076676
-0.001186 -0.010190 -0.417326
0.75000 -0.020151 -0.297286 -0.076676
-0.001186 -0.164895 -0.515046
1.00000 -0.020151 -0.272215 -0.076676
-0.001186 -0.325150 -0.657749

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.268046 0.477113 0.236656
5.11E-06 0.577783 3.397237
0.25000 0.268046 1.080581 0.236656
5.11E-06 0.285842 5.266440
0.50000 0.268046 1.955080 0.236656
5.11E-06 0.010184 6.934087
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4592

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.268046 2.804209 0.236656
5.11E-06 0.160755 7.131478
1.00000 0.268046 3.655328 0.236656
5.11E-06 0.312413 6.235522

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.015431 -4.306594 -0.122955
-0.002082 -0.295337 -2.405256
0.25000 -0.015431 -3.286690 -0.122955
0.002082 -0.143513 -0.956702
0.50000 -0.015431 -2.107810 -0.122955
-0.002082 -0.009234 -1.327553
0.75000 -0.015431 -1.627628 -0.122955
-0.002082 -0.299663 -1.702740
1.00000 -0.015431 -0.925642 -0.122955
-0.002082 -0.592077 -3.337450

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.384167 0.213479 0.320786
6.76E-07 0.785640 5.036749
0.25000 0.384167 0.232876 0.320786
6.76E-07 0.389383 6.159315
0.50000 0.384167 0.260985 0.320786
6.76E-07 0.015256 7.534640
0.75000 0.384167 0.288279 0.320786
6.76E-07 0.185628 9.097812
1.00000 0.384167 0.315636 0.320786
6.76E-07 0.362732 10.693636

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.017593 -1.556585 -0.143246
-0.002431 -0.345300 -0.634493
0.25000 -0.017593 -1.523802 -0.143246
-0.002431 -0.168193 -0.767112
0.50000 -0.017593 -1.498767 -0.143246
-0.002431 -0.009941 -1.004216
0.75000 -0.017593 -1.470475 -0.143246
-0.002431 -0.403761 -1.241475
1.00000 -0.017593 -1.447911 -0.143246
-0.002431 -0.800105 -1.519217

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.330492 6.721570 0.362526
0.000698 0.876692 14.789202
0.25000 0.330492 18.149732 0.362526
0.000698 0.437663 40.176555
0.50000 0.330492 34.710557 0.362526
0.000698 0.039706 59.805428
0.75000 0.330492 50.790942 0.362526
0.000698 0.205166 50.736961
1.00000 0.330492 66.909010 0.362526
0.000698 0.388529 20.558227

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.126537 -69.025675 -0.153405
-0.002108 -0.369730 -37.054126
0.25000 -0.126537 -49.711240 -0.153405
-0.002108 -0.182013 -8.497425
0.50000 -0.126537 -34.961194 -0.153405
-0.002108 -0.002879 -12.635401
0.75000 -0.126537 -18.292750 -0.153405
-0.002108 -0.467527 -16.855209
1.00000 -0.126537 -4.998889 -0.153405
-0.002108 -0.915459 -44.927239

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.242558 0.087244 0.124914
6.65E-06 0.307007 2.053840
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4593

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.242558 0.108797 0.124914
6.65E-06 0.152689 2.621755
0.50000 0.242558 0.140029 0.124914
6.65E-06 0.005648 3.256607
0.75000 0.242558 0.170355 0.124914
6.65E-06 0.059718 3.901498
1.00000 0.242558 0.200752 0.124914
6.65E-06 0.116998 4.576189

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.003469 -0.781028 -0.046313
-0.000941 -0.111904 -0.330391
0.25000 -0.003469 -0.744603 -0.046313
-0.000941 -0.054615 -0.305103
0.50000 -0.003469 -0.716786 -0.046313
-0.000941 -0.003276 -0.402484
0.75000 -0.003469 -0.685351 -0.046313
-0.000941 -0.156282 -0.500192
1.00000 -0.003469 -0.660280 -0.046313
-0.000941 -0.310620 -0.642884

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.329383 8.862982 0.250861
0.000118 0.599218 15.985984
0.25000 0.329383 24.510026 0.250861
0.000118 0.301453 50.196167
0.50000 0.329383 47.184536 0.250861
0.000118 0.041864 76.095849
0.75000 0.329383 69.201245 0.250861
0.000118 0.110451 62.479953
1.00000 0.329383 91.269547 0.250861
0.000118 0.200210 19.823980

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.023086 -93.382122 -0.079502
-0.001298 -0.192729 -50.259248
0.25000 -0.023086 -66.937483 -0.079502
-0.001298 -0.097023 -11.055084
0.50000 -0.023086 -46.742210 -0.079502
-0.001298 -0.030418 -16.542861
0.75000 -0.023086 -23.920352 -0.079502
-0.001298 -0.330987 -22.142694
1.00000 -0.023086 -5.718856 -0.079502
-0.001298 -0.640914 -60.400166

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.392770 8.063781 0.330161
0.000107 0.794209 15.525516
0.25000 0.392770 22.204312 0.330161
0.000107 0.397280 46.647637
0.50000 0.392770 42.695698 0.330161
0.000107 0.041725 70.445067
0.75000 0.392770 62.592616 0.330161
0.000107 0.547193 58.432776
1.00000 0.392770 82.536160 0.330161
0.000107 0.327735 20.170707

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.027350 -84.618127 -0.129619
-0.002100 -0.312938 -45.578932
0.25000 -0.027350 -60.719586 -0.129619
-0.002100 -0.155031 -10.232687
0.50000 -0.027350 -42.468752 -0.129619
-0.002100 -0.031358 -15.264399
0.75000 -0.027350 -21.844205 -0.129619
-0.002100 -0.430024 -20.397380
1.00000 -0.027350 -5.395167 -0.129619
-0.002100 -0.837958 -55.043690
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4594

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.336323 5.504692 0.362550
0.001163 0.880840 13.644391
0.25000 0.336323 14.784001 0.362550
0.001163 0.440106 34.579582
0.50000 0.336323 28.228423 0.362550
0.001163 0.036683 51.085330
0.75000 0.336323 41.283785 0.362550
0.001163 0.204837 44.325076
1.00000 0.336323 54.369741 0.362550
0.001163 0.390218 20.448297

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.197122 -56.565411 -0.154045
-0.001750 -0.371200 -30.147287
0.25000 -0.197122 -40.884384 -0.154045
-0.001750 -0.182298 -7.058393
0.50000 -0.197122 -28.909100 -0.154045
-0.001750 -0.025450 -10.470635
0.75000 -0.197122 -15.376304 -0.154045
-0.001750 -0.463603 -13.949317
1.00000 -0.197122 -4.583268 -0.154045
-0.001750 -0.911546 -36.793169

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.015776 0.109330 0.137020
0.001814 0.339172 3.236828
0.25000 0.015776 0.130883 0.137020
0.001814 0.169958 4.065546
0.50000 0.015776 0.162115 0.137020
0.001814 0.009317 5.053697
0.75000 0.015776 0.193441 0.137020
0.001814 0.106023 6.073425
1.00000 0.015776 0.222838 0.137020
0.001814 0.206297 7.103428

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.288946 -1.049654 -0.081148
-1.28E-05 -0.194821 -0.288078
0.25000 -0.288946 -1.013229 -0.081148
-1.28E-05 -0.094540 -0.335379
0.50000 -0.288946 -0.985412 -0.081148
-1.28E-05 -0.005838 0.448855
0.75000 -0.288946 -0.953977 -0.081148
-1.28E-05 -0.168970 -0.562767
1.00000 -0.288946 -0.928906 -0.081148
-1.28E-05 -0.338151 -0.721663

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.054876 10.857369 0.252691
0.002163 0.602597 19.499099
0.25000 0.054876 29.909692 0.252691
0.002163 0.305138 60.983011
0.50000 0.054876 57.518875 0.252691
0.002163 0.051081 92.555245
0.75000 0.054876 84.327099 0.252691
0.002163 0.157464 75.884571
1.00000 0.054876 111.198144 0.252691
0.002163 0.286806 23.911236

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.356852 -113.594395 -0.113134
-0.000199 -0.272363 -61.080444
0.25000 -0.356852 -81.394562 -0.113134
-0.000199 -0.135752 -13.337873
0.50000 -0.356852 -56.804199 -0.113134
-0.000199 -0.038210 -19.988554
0.75000 -0.356852 -29.015600 -0.113134
-0.000199 -0.334467 -26.775656
1.00000 -0.356852 -6.852897 -0.113134
-0.000199 -0.646592 -73.327707
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4595

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.243969 7.476883 0.332053
0.001937 0.804133 16.472346
0.25000 0.243969 20.550570 0.332053
0.001937 0.404078 45.752214
0.50000 0.243969 39.495966 0.332053
0.001937 0.044569 68.458687
0.75000 0.243969 57.891143 0.332053
0.001937 0.184965 58.174976
1.00000 0.243969 76.330632 0.332053
0.001937 0.347637 23.669053

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.312460 -78.937854 -0.137406
-0.000879 -0.331483 -42.141927
0.25000 -0.312460 -56.842358 -0.137406
-0.000879 -0.163831 -9.525554
0.50000 -0.312460 -39.968473 -0.137406
-0.000879 -0.030554 -14.207672
0.75000 -0.312460 -20.899962 -0.137406
-0.000879 -0.427234 -18.983408
1.00000 -0.312460 -5.691935 -0.137406
-0.000879 -0.837393 -51.045815

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.331096 6.241536 0.364921
0.001614 0.886241 14.780153
0.25000 0.331096 17.055454 0.364921
0.001614 0.443807 39.249208
0.50000 0.331096 32.726164 0.364921
0.001614 0.040006 58.326704
0.75000 0.331096 47.942257 0.364921
0.001614 0.212388 50.154714
1.00000 0.331096 63.194007 0.364921
0.001614 0.403222 21.962718

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.263985 -65.606173 -0.159175
-0.001513 -0.383514 -35.040216
0.25000 -0.263985 -47.239855 -0.159175
-0.001513 -0.188559 -8.088911
0.50000 -0.263985 -33.372598 -0.159175
-0.001513 -0.028316 -12.025375
0.75000 -0.263985 -17.600053 -0.159175
-0.001513 -0.466987 -16.039275
1.00000 -0.263985 -5.020713 -0.159175
-0.001513 -0.917773 -42.623382

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.066709 0.114969 0.254279
4.85E-07 0.615999 1.567962
0.25000 0.066709 0.121510 0.254279
4.85E-07 0.301117 1.961786
0.50000 0.066709 0.140493 0.254279
4.85E-07 0.008275 2.356222
0.75000 0.066709 0.161841 0.254279
4.85E-07 0.189250 2.770708
1.00000 0.066709 0.180782 0.254279
4.85E-07 0.369697 3.088391

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.035992 -0.417695 -0.145873
-0.001290 -0.351113 -0.332516
0.25000 -0.035992 -0.400559 -0.145873
-0.001290 -0.170824 -0.420460
0.50000 -0.035992 -0.379618 -0.145873
-0.001290 -0.011218 -0.548514
0.75000 -0.035992 -0.359772 -0.145873
-0.001290 -0.325032 -0.681152
1.00000 -0.035992 -0.347948 -0.145873
-0.001290 -0.639851 -0.836676
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4596

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.247607 0.424103 0.441993
3.20E-06 1.074270 3.301466
0.25000 0.247607 0.617795 0.441993
3.20E-06 0.527533 4.700152
0.50000 0.247607 1.164302 0.441993
3.20E-06 0.015534 6.032695
0.75000 0.247607 1.783380 0.441993
3.20E-06 0.314431 6.649818
1.00000 0.247607 2.332664 0.441993
3.20E-06 0.613678 6.881396

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.027747 -3.014892 -0.242214
-0.002258 -0.583570 -1.713777
0.25000 -0.027747 -2.517944 -0.242214
-0.002258 -0.284014 -0.929865
0.50000 -0.027747 -1.910665 -0.242214
-0.002258 -0.017160 -1.275474
0.75000 -0.027747 -1.335112 -0.242214
-0.002258 -0.661222 -1.626130
1.00000 -0.027747 -0.992240 -0.242214
-0.002258 -1.108310 -2.629871

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.356606 0.362689 0.558356
1.13E-05 1.362613 5.037225
0.25000 0.356606 0.368576 0.558356
1.13E-05 0.671807 6.385979
0.50000 0.356606 0.385661 0.558356
1.13E-05 0.020538 7.961047
0.75000 0.356606 0.404874 0.558356
1.13E-05 0.351245 9.700602
1.00000 0.356606 0.421920 0.558356
1.13E-05 0.685937 11.429232

COMB DL-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034202	-1.718792	-0.270992
-0.002454	-0.654129	-0.842897	
0.25000	-0.034202	-1.703369	-0.270992
-0.002454	-0.318967	-1.029394	
0.50000	-0.034202	-1.684523	-0.270992
-0.002454	-0.018220	-1.341194	
0.75000	-0.034202	-1.666661	-0.270992
-0.002454	-0.703635	-1.655696	
1.00000	-0.034202	-1.656020	-0.270992
-0.002454	-1.394760	-1.990670	

COMB DL-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316680	5.924744	0.610588
0.000704	1.486179	10.865679	
0.25000	0.316680	10.501899	0.610588
0.000704	0.737821	26.967408	
0.50000	0.316680	23.785254	0.610588
0.000704	0.040392	39.977076	
0.75000	0.316680	38.723168	0.610588
0.000704	0.376961	33.628644	
1.00000	0.316680	51.977005	0.610588
0.000704	0.721403	17.886715	

COMB DL-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.125185	-53.419106	-0.284688
-0.002123	-0.692371	-26.154770	
0.25000	-0.125185	-41.428103	-0.284688
-0.002123	-0.340411	-5.729161	
0.50000	-0.125185	-26.774869	-0.284688
-0.002123	-0.030244	-8.950940	
0.75000	-0.125185	-12.887171	-0.284688
-0.002123	-0.777100	-12.298790	
1.00000	-0.125185	-4.613898	-0.284688
-0.002123	-1.531397	-31.398955	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4597

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221422	0.123397	0.205416
3.99E-06	0.503218	1.967077	
0.25000	0.221422	0.129938	0.205416
3.99E-06	0.249173	2.584204	
0.50000	0.221422	0.148921	0.205416
3.99E-06	0.008120	3.253014	
0.75000	0.221422	0.170268	0.205416
3.99E-06	0.123443	3.997098	
1.00000	0.221422	0.189209	0.205416
3.99E-06	0.241272	4.748924	

COMB DL-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004752	-0.805358	-0.095387
-0.000956	-0.230558	-0.388456	
0.25000	-0.004752	-0.788222	-0.095387
-0.000956	-0.112512	-0.387785	
0.50000	-0.004752	-0.767281	-0.095387
-0.000956	-0.005385	-0.511621	
0.75000	-0.004752	-0.747435	-0.095387
-0.000956	-0.256911	-0.633667	
1.00000	-0.004752	-0.735612	-0.095387
-0.000956	-0.510736	-0.779316	

COMB DL-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.306925	8.481424	0.380752
0.000104	0.924637	11.334975	
0.25000	0.306925	15.447726	0.380752
0.000104	0.464574	34.831647	
0.50000	0.306925	35.664621	0.380752
0.000104	0.040507	53.285709	
0.75000	0.306925	58.399711	0.380752
0.000104	0.203047	41.945315	
1.00000	0.306925	78.571681	0.380752
0.000104	0.373946	16.317117	

COMB DL-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026106	-79.682787	-0.147336
-0.001189	-0.365249	-38.975915	
0.25000	-0.026106	-61.432816	-0.147336
-0.001189	-0.183237	-7.669099	
0.50000	-0.026106	-39.131002	-0.147336
-0.001189	-0.026110	-12.319182	
0.75000	-0.026106	-17.994313	-0.147336
-0.001189	-0.488604	-17.160154	
1.00000	-0.026106	-5.402621	-0.147336
-0.001189	-0.957860	-45.977902	

COMB DL-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367302	7.754829	0.542410
9.38E-05	1.317158	11.455660	
0.25000	0.367302	14.059823	0.542410
9.38E-05	0.655575	33.099715	
0.50000	0.367302	32.357537	0.542410
9.38E-05	0.042894	50.165391	
0.75000	0.367302	52.934394	0.542410
9.38E-05	0.328855	40.250583	
1.00000	0.367302	71.191448	0.542410
9.38E-05	0.621884	17.409483	

COMB DL-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033754	-72.425317	-0.245252
-0.002088	-0.600036	-35.482618	
0.25000	-0.033754	-55.907808	-0.245252
-0.002088	-0.296890	-7.266533	
0.50000	-0.033754	-35.723095	-0.245252
-0.002088	-0.031139	-11.573563	
0.75000	-0.033754	-16.592903	-0.245252
-0.002088	-0.693629	-16.053244	
1.00000	-0.033754	-5.196536	-0.245252
-0.002088	-1.363338	-42.233169	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4598

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.321616	4.988586	0.607694
0.001195	1.483122	10.344037	
0.25000	0.321616	8.790617	0.607694
0.001195	0.737203	24.171102	
0.50000	0.321616	19.824486	0.607694
0.001195	0.038608	35.509933	
0.75000	0.321616	32.232722	0.607694
0.001195	0.369992	30.771355	
1.00000	0.321616	43.242072	0.607694
0.001195	0.710626	18.237239	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180622	-44.874037	-0.280594
-0.001740	-0.681625	-21.840687	
0.25000	-0.180622	-34.913665	-0.280594
-0.001740	-0.334969	-4.949233	
0.50000	-0.180622	-22.741900	-0.280594
-0.001740	-0.027020	-7.683851	
0.75000	-0.180622	-11.206031	-0.280594
-0.001740	-0.769157	-10.522129	
1.00000	-0.180622	-4.333805	-0.280594
-0.001740	-1.520053	-26.445607	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020319	0.138589	0.251496
0.002005	0.618778	3.055338	
0.25000	0.020319	0.145130	0.251496
0.002005	0.307912	3.963037	
0.50000	0.020319	0.164113	0.251496
0.002005	0.012931	4.976941	
0.75000	0.020319	0.185460	0.251496
0.002005	0.169149	6.025774	
1.00000	0.020319	0.204440	0.251496
0.002005	0.330405	7.070770	

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259709	-1.064887	-0.130683
-1.09E-05	-0.314172	-0.340183	
0.25000	-0.259709	-1.047751	-0.130683
-1.09E-05	-0.152930	-0.438862	
0.50000	-0.259709	-1.026810	-0.130683
-1.09E-05	-0.007952	-0.571569	
0.75000	-0.259709	-1.006964	-0.130683
-1.09E-05	-0.313778	-0.704348	
1.00000	-0.259709	-0.995140	-0.130683
-1.09E-05	-0.624475	-0.860302	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061216	11.991947	0.418123
0.002278	1.013926	15.207959	
0.25000	0.061216	21.882133	0.418123
0.002278	0.512091	48.167536	
0.50000	0.061216	50.584430	0.418123
0.002278	0.055405	73.927628	
0.75000	0.061216	82.861853	0.418123
0.002278	0.257119	57.317358	
1.00000	0.061216	111.500368	0.418123
0.002278	0.470558	20.432156	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.316840	-112.643161	-0.185327
-0.000155	-0.458050	-55.045723	
0.25000	-0.316840	-86.733343	-0.185327
-0.000155	-0.229401	-10.604862	
0.50000	-0.316840	-55.071049	-0.185327
-0.000155	-0.035907	-17.092366	
0.75000	-0.316840	-25.062905	-0.185327
-0.000155	-0.541579	-23.851945	
1.00000	-0.316840	-7.186249	-0.185327
-0.000155	-1.055918	-64.657405	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4599

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232977	8.747108	0.540107
0.002045	1.317561	13.664911	
0.25000	0.232977	15.876284	0.540107
0.002045	0.660838	38.331626	
0.50000	0.232977	36.565856	0.540107
0.002045	0.050702	57.922437	
0.75000	0.232977	59.892499	0.540107
0.002045	0.331475	46.986775	
1.00000	0.232977	80.476095	0.540107
0.002045	0.590635	21.474925	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.280126	-82.186184	-0.233100
-0.000760	-0.571042	-39.969981	
0.25000	-0.280126	-63.509523	-0.233100
-0.000760	-0.283494	-8.091234	
0.50000	-0.280126	-40.686286	-0.233100
-0.000760	-0.031743	-12.952294	
0.75000	-0.280126	-19.055416	-0.233100
-0.000760	-0.687729	-17.949082	
1.00000	-0.280126	-6.169326	-0.233100
-0.000760	-1.353206	-47.512695	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.312960	7.336348	0.613204
0.001704	1.495330	12.496364	
0.25000	0.312960	13.252799	0.613204
0.001704	0.745907	33.304298	
0.50000	0.312960	30.422922	0.613204
0.001704	0.047447	49.932313	
0.75000	0.312960	49.731738	0.613204
0.001704	0.377435	41.255451	
1.00000	0.312960	66.863707	0.613204
0.001704	0.718223	20.478853	

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238951	-68.566864	-0.283488
-0.001482	-0.690782	-33.418072	
0.25000	-0.238951	-53.067841	-0.283488
-0.001482	-0.340686	-6.992931	
0.50000	-0.238951	-34.126404	-0.283488
-0.001482	-0.031916	-11.087400	
0.75000	-0.238951	-16.175104	-0.283488
-0.001482	-0.779144	-15.344113	
1.00000	-0.238951	-5.481033	-0.283488
-0.001482	-1.535798	-39.963786	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.392770	10.857369	0.364921
0.002163	0.886241	19.499099	
0.25000	0.392770	29.909692	0.364921
0.002163	0.443807	60.983011	
0.50000	0.392770	57.518875	0.364921
0.002163	0.051081	92.555245	
0.75000	0.392770	84.327099	0.364921
0.002163	0.312388	75.884571	
1.00000	0.392770	111.198144	0.364921
0.002163	0.403222	23.911236	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.356852	-113.594395	-0.159175
-0.002431	-0.383514	-61.080444	
0.25000	-0.356852	-81.394562	-0.159175
-0.002431	-0.188559	-13.337873	
0.50000	-0.356852	-56.804199	-0.159175
-0.002431	-0.038210	-19.988554	
0.75000	-0.356852	-29.015600	-0.159175
-0.002431	-0.467527	-26.775656	
1.00000	-0.356852	-6.852897	-0.159175
-0.002431	-0.917773	-73.327707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4600

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367302	11.991947	0.613204
0.002278	1.495330	15.207959	
0.25000	0.367302	21.882133	0.613204
0.002278	0.745907	48.167536	
0.50000	0.367302	50.584430	0.613204
0.002278	0.055405	73.927628	
0.75000	0.367302	82.861853	0.613204
0.002278	0.377435	57.317358	
1.00000	0.367302	111.500368	0.613204
0.002278	0.721403	21.474925	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.316840	-112.643161	-0.284688
-0.002454	-0.692371	-55.045723	
0.25000	-0.316840	-86.733343	-0.284688
-0.002454	-0.340686	-10.604862	
0.50000	-0.316840	-55.071049	-0.284688
-0.002454	-0.035907	-17.092366	
0.75000	-0.316840	-25.062905	-0.284688
-0.002454	-0.779144	-23.851945	
1.00000	-0.316840	-7.186249	-0.284688
-0.002454	-1.535798	-64.657405	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.392770	11.991947	0.613204
0.002278	1.495330	19.499099	
0.25000	0.392770	29.909692	0.613204
0.002278	0.745907	60.983011	
0.50000	0.392770	57.518875	0.613204
0.002278	0.055405	92.555245	
0.75000	0.392770	84.327099	0.613204
0.002278	0.377435	75.884571	
1.00000	0.392770	111.500368	0.613204
0.002278	0.721403	23.911236	

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.356852	-113.594395	-0.284688
-0.002454	-0.692371	-61.080444	
0.25000	-0.356852	-86.733343	-0.284688
-0.002454	-0.340686	-13.337873	
0.50000	-0.356852	-56.804199	-0.284688
-0.002454	-0.038210	-19.988554	
0.75000	-0.356852	-29.015600	-0.284688
-0.002454	-0.779144	-26.775656	
1.00000	-0.356852	-7.186249	-0.284688
-0.002454	-1.535798	-73.327707	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.392770	11.991947	0.613204
0.002278	1.495330	19.499099	
0.25000	0.392770	29.909692	0.613204
0.002278	0.745907	60.983011	
0.50000	0.392770	57.518875	0.613204
0.002278	0.055405	92.555245	
0.75000	0.392770	84.327099	0.613204
0.002278	0.377435	75.884571	
1.00000	0.392770	111.500368	0.613204
0.002278	0.721403	23.911236	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.356852	-113.594395	-0.284688
-0.002454	-0.692371	-61.080444	
0.25000	-0.356852	-86.733343	-0.284688
-0.002454	-0.340686	-13.337873	
0.50000	-0.356852	-56.804199	-0.284688
-0.002454	-0.038210	-19.988554	
0.75000	-0.356852	-29.015600	-0.284688
-0.002454	-0.779144	-26.775656	
1.00000	-0.356852	-7.186249	-0.284688
-0.002454	-1.535798	-73.327707	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4601

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 447 ========== LENGTH = 4.943852

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.135330	0.067043	0.125907
6.02E-07	0.321514	2.589119	
0.25000	0.135330	0.090756	0.125907
6.02E-07	0.165918	2.854250	
0.50000	0.135330	0.122133	0.125907
6.02E-07	0.011181	3.094310	
0.75000	0.135330	0.151601	0.125907
6.02E-07	0.103172	3.288926	
1.00000	0.135330	0.182454	0.125907
6.02E-07	0.206605	3.451642	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024136	-0.324533	-0.083694
-0.000817	-0.207170	-0.642763	
0.25000	-0.024136	-0.293292	-0.083694
-0.000817	-0.103720	-0.649387	
0.50000	-0.024136	-0.263869	-0.083694
-0.000817	-0.002123	-0.710332	
0.75000	-0.024136	-0.232417	-0.083694
-0.000817	-0.145512	-0.771917	
1.00000	-0.024136	-0.208472	-0.083694
-0.000817	-0.301016	-0.886079	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.296093	0.538693	0.222442
4.61E-06	0.570254	6.184917	
0.25000	0.296093	1.202639	0.222442
4.61E-06	0.295805	8.025497	
0.50000	0.296093	2.081200	0.222442
4.61E-06	0.025368	9.136370	
0.75000	0.296093	2.906307	0.222442
4.61E-06	0.165352	8.844335	
1.00000	0.296093	3.777198	0.222442
4.61E-06	0.330754	7.555715	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032673	-3.998985	-0.134012
-0.001402	-0.331944	-3.311986	
0.25000	-0.032673	-3.124260	-0.134012
-0.001402	-0.166492	-1.910744	
0.50000	-0.032673	-2.300416	-0.134012
-0.001402	-0.004970	-2.030516	
0.75000	-0.032673	-1.419747	-0.134012
-0.001402	-0.255687	-2.168217	
1.00000	-0.032673	-0.749278	-0.134012
-0.001402	-0.530448	-3.778037	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.394496	0.555057	0.296350
0.000148	0.762047	10.614241	
0.25000	0.394496	0.576398	0.296350
0.000148	0.395928	10.782919	
0.50000	0.394496	0.604637	0.296350
0.000148	0.039303	11.091145	
0.75000	0.394496	0.631158	0.296350
0.000148	0.184708	11.623233	
1.00000	0.394496	0.658926	0.296350
0.000148	0.372498	12.301960	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033165	-0.859878	-0.151885
-0.001555	-0.378367	-1.485296	
0.25000	-0.033165	-0.831762	-0.151885
-0.001555	-0.190570	-1.578949	
0.50000	-0.033165	-0.805281	-0.151885
-0.001555	-0.005303	-1.721491	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4602

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.033165	-0.776374	-0.151885
-0.001555	-0.337749	-1.864610	
1.00000	-0.033165	-0.755423	-0.151885
-0.001555	-0.703731	-2.055047	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.345086	6.865948	0.332779
0.000656	0.854718	20.456774	
0.25000	0.345086	19.439424	0.332779
0.000656	0.451970	50.366030	
0.50000	0.345086	36.077177	0.332779
0.000656	0.072168	65.977332	
0.75000	0.345086	51.702648	0.332779
0.000656	0.202703	53.804093	
1.00000	0.345086	68.062568	0.332779
0.000656	0.399188	22.034338	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.125630	-68.196238	-0.162677
-0.001291	-0.408517	-44.915662	
0.25000	-0.125630	-51.631137	-0.162677
-0.001291	-0.211221	-16.496305	
0.50000	-0.125630	-36.029599	-0.162677
-0.001291	-0.027629	-16.881108	
0.75000	-0.125630	-19.351920	-0.162677
-0.001291	-0.392176	-17.605429	
1.00000	-0.125630	-6.654919	-0.162677
-0.001291	-0.803122	-46.208009	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.191394	0.235155	0.111543
5.13E-06	0.288055	4.546692	
0.25000	0.191394	0.258868	0.111543
5.13E-06	0.150308	4.620885	
0.50000	0.191394	0.290245	0.111543
5.13E-06	0.017516	4.735465	
0.75000	0.191394	0.319713	0.111543
5.13E-06	0.057994	4.886183	
1.00000	0.191394	0.350566	0.111543
5.13E-06	0.117516	5.081959	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007228	-0.439355	-0.048142
-0.000594	-0.124470	-0.629929	
0.25000	-0.007228	-0.408125	-0.048142
-0.000594	-0.060945	-0.630016	
0.50000	-0.007228	-0.378702	-0.048142
-0.000594	-0.002101	-0.684425	
0.75000	-0.007228	-0.347249	-0.048142
-0.000594	-0.172603	-0.737374	
1.00000	-0.007228	-0.323304	-0.048142
-0.000594	-0.263782	-0.847099	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.275950	8.933871	0.226372
0.000267	0.580986	19.745308	
0.25000	0.275950	26.149040	0.226372
0.000267	0.312762	60.575096	
0.50000	0.275950	48.928877	0.226372
0.000267	0.069679	81.764457	
0.75000	0.275950	70.322733	0.226372
0.000267	0.102019	64.661186	
1.00000	0.275950	92.722170	0.226372
0.000267	0.195204	20.529361	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017451	-92.726063	-0.080462
-0.000750	-0.207303	-60.409503	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4603

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.017451	-70.045698	-0.080462
-0.000750	-0.113013	-21.391025	
0.50000	-0.017451	-48.684610	-0.080462
-0.000750	-0.033779	-21.810207	
0.75000	-0.017451	-25.850108	-0.080462
-0.000750	-0.275597	-22.694247	
1.00000	-0.017451	-8.465813	-0.080462
-0.000750	-0.555181	-61.748236	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.370313	8.098358	0.302495
0.000241	0.775907	20.079017	
0.25000	0.370313	23.656033	0.302495
0.000241	0.412486	57.128337	
0.50000	0.370313	44.242605	0.302495
0.000241	0.072629	76.441869	
0.75000	0.370313	63.576639	0.302495
0.000241	0.169816	61.148448	
1.00000	0.370313	83.819437	0.302495
0.000241	0.331920	21.434490	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032134	-83.945525	-0.135720
-0.001304	-0.343320	-55.040186	
0.25000	-0.032134	-63.448848	-0.135720
-0.001304	-0.180188	-19.826086	
0.50000	-0.032134	-44.144428	-0.135720
-0.001304	-0.032192	-20.252550	
0.75000	-0.032134	-23.508454	-0.135720

```
-0.001304   -0.361482   -21.099114
1.00000   -0.032134   -7.797936   -0.135720
-0.001304   -0.735127   -56.440587

COMB DB-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.321877    5.786473    0.327740
0.000963    0.844403   20.351225
0.25000    0.321877   15.994641    0.327740
 0.000963    0.446404   44.563509
0.50000    0.321877   29.502520    0.327740
 0.000963    0.071083   57.241048
0.75000    0.321877   42.188546    0.327740
 0.000963    0.202879   47.494851
1.00000    0.321877   55.470857    0.327740
 0.000963    0.401207   21.910708

COMB DB-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.194162   -55.589645   -0.163428
-0.001090   -0.409545   -36.776312
0.25000   -0.194162   -42.140751   -0.163428
-0.001090   -0.210554   -13.731248
0.50000   -0.194162   -29.474155   -0.163428
-0.001090   -0.023609   -14.069739
0.75000   -0.194162   -15.933861   -0.163428
-0.001090   -0.381735   -14.683878
1.00000   -0.194162   -5.625406   -0.163428
-0.001090   -0.786422   -37.931852

COMB DB-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.022750    0.349360    0.118044
0.001233    0.308096    7.081352
0.25000    0.022750    0.373072    0.118044
0.001233    0.162540    7.122272
0.50000    0.022750    0.404449    0.118044
0.001233    0.023957    7.267103
0.75000    0.022750    0.433917    0.118044
0.001233    0.109088    7.497638
1.00000    0.022750    0.464771    0.118044
0.001233    0.218121    7.807610
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4604

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.286186   -0.530688   -0.088219
-6.42E-06   -0.218029   -0.711288
0.25000   -0.286186   -0.499448   -0.088219
 -6.42E-06   -0.108994   -0.708824
0.50000   -0.286186   -0.470025   -0.088219
-6.42E-06   -0.002414   -0.760682
0.75000   -0.286186   -0.438572   -0.088219
-6.42E-06   -0.130265   -0.813180
1.00000   -0.286186   -0.414627   -0.088219
-6.42E-06   -0.275847   -0.918254

COMB DB-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.064530   10.849089    0.223976
 0.001587    0.577315   23.839593
0.25000    0.064530   31.810810    0.223976
 0.001587    0.314756   73.546719
0.50000    0.064530   59.548242    0.223976
 0.001587    0.081558   99.319809
0.75000    0.064530   85.598061    0.223976
 0.001587    0.155151   78.435438
1.00000    0.064530  112.872307    0.223976
 0.001587    0.296328   24.654091

COMB DB-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.333745  -112.851158   -0.120450
-7.24E-05   -0.304917   -73.348110
0.25000   -0.333745   -85.234846   -0.120450
-7.24E-05   -0.162420   -25.807404
0.50000   -0.333745   -59.224927   -0.120450
-7.24E-05   -0.040364   -26.287210
0.75000   -0.333745   -31.420932   -0.120450
-7.24E-05   -0.027000   -27.333040
1.00000   -0.333745   -10.253279   -0.120450
-7.24E-05   -0.550435   -74.855779

COMB DB-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.217305    7.846317    0.294208
0.001487    0.760086   23.580911
0.25000    0.217305   22.230231    0.294208
 0.001487    0.406455   57.603753
0.50000    0.217305   41.263632    0.294208
 0.001487    0.081143   75.386527
0.75000    0.217305   59.138994    0.294208
 0.001487    0.180190   61.356160
1.00000    0.217305   77.854557    0.294208
 0.001487    0.353009   24.868437

COMB DB-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.300776   -77.867193   -0.144092
-0.000484   -0.363248   -51.045165
0.25000   -0.300776   -58.916904   -0.144092
-0.000484   -0.169484   -18.488446
0.50000   -0.300776   -41.068921   -0.144092
-0.000484   -0.030371   -18.883360
0.75000   -0.300776   -21.989845   -0.144092
-0.000484   -0.345773   -19.666679
1.00000   -0.300776   -7.464621   -0.144092
-0.000484   -0.708894   -52.342410

COMB DB-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.301032    6.566577    0.326433
0.001239    0.842324   21.870675
0.25000    0.301032   18.464250    0.326433
 0.001239    0.447144   52.202092
0.50000    0.301032   34.207753    0.326433
 0.001239    0.076748   64.897233
0.75000    0.301032   48.993383    0.326433
 0.001239    0.210216   53.431786
1.00000    0.301032   64.473986    0.326433
 0.001239    0.414554   23.419098
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4605

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.261173   -64.577956   -0.168831
-0.000924   -0.423338   -42.612658
0.25000   -0.261173   -48.903199   -0.168831
-0.000924   -0.218239   -15.723980
0.50000   -0.261173   -34.140217   -0.168831
-0.000924   -0.026584   -16.091290
0.75000   -0.261173   -18.358933   -0.168831
-0.000924   -0.380691   -16.779869
1.00000   -0.261173   -6.344374   -0.168831
-0.000924   -0.783705   -43.848300

COMB DL-G1-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.154666    0.085198    0.256988
3.50E-07    0.648820    3.026175
0.25000    0.154666    0.093172    0.256988
3.50E-07    0.330526    3.337362
0.50000    0.154666    0.112357    0.256988
3.50E-07    0.013926    3.639345
0.75000    0.154666    0.133285    0.256988
3.50E-07    0.190371    3.922391
1.00000    0.154666    0.151659    0.256988
3.50E-07    0.383652    4.194521

COMB DL-G1-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.042215   -0.342659   -0.156239
-0.000873   -0.388684   -0.796613
0.25000   -0.042215   -0.324403   -0.156239
-0.000873   -0.195406   -0.847805
0.50000   -0.042215   -0.303502   -0.156239
-0.000873   -0.002540   -0.926920
0.75000   -0.042215   -0.284269   -0.156239
-0.000873   -0.302367   -1.010955
1.00000   -0.042215   -0.275853   -0.156239
-0.000873   -0.620835   -1.124117

COMB DL-G1-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.320442    0.453050    0.430727
2.56E-06    1.091945    6.772469
0.25000    0.320442    0.684311    0.430727
2.56E-06    0.559154    7.850121
0.50000    0.320442    1.240670    0.430727
2.56E-06    0.031016    8.738636
0.75000    0.320442    1.847565    0.430727
2.56E-06    0.314900    8.857982
1.00000    0.320442    2.380418    0.430727
2.56E-06    0.634095    8.675279

COMB DL-G1-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.057868   -2.687351   -0.258402
-0.001436   -0.643568   -2.553862
0.25000   -0.057868   -2.157931   -0.258402
-0.001436   -0.323919   -1.902986
0.50000   -0.057868   -1.551790   -0.258402
-0.001436   -0.005063   -2.065120
0.75000   -0.057868   -0.994054   -0.258402
-0.001436   -0.502137   -2.231172
1.00000   -0.057868   -0.749971   -0.258402
-0.001436   -1.035251   -3.177997

COMB DL-G1-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.413174    0.580515    0.530424
0.000156    1.352718   11.277538
0.25000    0.413174    0.587692    0.530424
0.000156    0.696427   11.638963
0.50000    0.413174    0.604958    0.530424
0.000156    0.048430   12.135443
0.75000    0.413174    0.623793    0.530424
0.000156    0.346254   12.811747
1.00000    0.413174    0.640330    0.530424
0.000156    0.698977   13.528290
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4606

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.060486   -0.923895   -0.285409
-0.001508   -0.712994   -1.907124
0.25000   -0.060486   -0.907465   -0.285409
-0.001508   -0.360355   -2.027287
0.50000   -0.060486   -0.888654   -0.285409
-0.001508   -0.006335   -2.276644
0.75000   -0.060486   -0.871345   -0.285409
-0.001508   -0.610608   -2.475601
1.00000   -0.060486   -0.863770   -0.285409
-0.001508   -1.266750   -2.697181

COMB DL-G1-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.372314    6.062624    0.575454
0.000607    1.467906   17.736173
0.25000    0.372314   11.642795    0.575454
 0.000607    0.765200   35.371620
0.50000    0.372314   25.067352    0.575454
 0.000607    0.075645   45.997953
0.75000    0.372314   39.711305    0.575454
 0.000607    0.370626   37.155996
1.00000    0.372314   52.568683    0.575454
 0.000607    0.730628   20.616508

COMB DL-G1-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.141305   -52.902992   -0.299677
-0.001252   -0.757868   -31.351441
0.25000   -0.141305   -40.128444   -0.299677
-0.001252   -0.387733   -12.226267
0.50000   -0.141305   -25.502687   -0.299677
-0.001252   -0.018802   -12.701317
0.75000   -0.141305   -12.044890   -0.299677
-0.001252   -0.167866   -13.279555
1.00000   -0.141305   -6.155335   -0.299677
-0.001252   -1.380286   -32.703782

COMB DL-G2-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.187676    0.229126    0.186363
2.79E-06    0.477937    4.693359
0.25000    0.187676    0.237101    0.186363
2.79E-06    0.247517    4.837185
0.50000    0.187676    0.256285    0.186363
2.79E-06    0.020961    4.990678
0.75000    0.187676    0.277213    0.186363
2.79E-06    0.120619    5.178410
1.00000    0.187676    0.295587    0.186363
2.79E-06    0.243617    5.404193

COMB DL-G2-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.012109   -0.403945   -0.099625
-0.000538   -0.249185   -0.749227
0.25000   -0.012109   -0.385689   -0.099625
-0.000538   -0.126000   -0.794446
0.50000   -0.012109   -0.364788   -0.099625
-0.000538   -0.002427   -0.867891
0.75000   -0.012109   -0.345555   -0.099625
-0.000538   -0.211631   -0.941026
1.00000   -0.012109   -0.337139   -0.099625
-0.000538   -0.442146   -1.041121

COMB DL-G2-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.275264    8.578673    0.344646
0.000241    0.882883   16.212367
0.25000    0.275264   17.071537    0.344646
 0.000241    0.470779   42.855067
0.50000    0.275264   37.503338    0.344646
 0.000241    0.071610   58.608946
0.75000    0.275264   59.791027    0.344646
 0.000241    0.193974   44.369128
1.00000    0.275264   79.359599    0.344646
 0.000241    0.366103   18.389008
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4607

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.027321   -79.597732   -0.152170
-0.000647   -0.386989   -45.966249
0.25000   -0.027321   -60.155225   -0.152170
-0.000647   -0.209271   -16.676551
0.50000   -0.027321   -37.895232   -0.152170
-0.000647   -0.022715   -17.217914
0.75000   -0.027321   -17.412839   -0.152170
-0.000647   -0.405280   -17.913923
1.00000   -0.027321   -8.449100   -0.152170
-0.000647   -0.827715   -47.298127

COMB DL-G2-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.385839    7.807732    0.506662
0.000217    1.292152   17.267260
0.25000    0.385839   15.494373    0.506662
 0.000217    0.677670   41.602714
0.50000    0.385839   33.986592    0.506662
 0.000217    0.076834   56.089509
0.75000    0.385839   54.155519    0.506662
 0.000217    0.321196   43.417447
1.00000    0.385839   71.869455    0.506662
 0.000217    0.624949   20.118702

COMB DL-G2-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.053347   -72.230331   -0.257367
-0.001242   -0.656865   -42.187131
0.25000   -0.053347   -54.633493   -0.257367
-0.001242   -0.339071   -15.745084
0.50000   -0.053347   -34.486632   -0.257367
-0.001242   -0.022256   -16.302236
0.75000   -0.053347   -15.948624   -0.257367
-0.001242   -0.594290   -16.999370
1.00000   -0.053347   -7.835809   -0.257367
-0.001242   -1.217874   -43.661369

COMB DL-G2-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.344808    5.205074    0.563969
0.000902    1.442879   18.099378
0.25000    0.344808    9.840264    0.563969
 0.000902    0.752809   32.745106
0.50000    0.344808   20.991423    0.563969
 0.000902    0.076348   41.641894
0.75000    0.344808   33.155478    0.563969
 0.000902    0.363208   34.404981
1.00000    0.344808   43.835509    0.563969
 0.000902    0.718844   20.782477

COMB DL-G2-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.198559   -44.118146   -0.294805
-0.001039   -0.743684   -26.412938
0.25000   -0.198559   -33.506418   -0.294805
-0.001039   -0.379576   -10.551301
0.50000   -0.198559   -21.357978   -0.294805
-0.001039   -0.016854   -10.972604
0.75000   -0.198559   -10.179208   -0.294805
-0.001039   -0.652463   -11.479637
1.00000   -0.198559   -5.287026   -0.294805
-0.001039   -1.347946   -27.643741

COMB DL-G3-1 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.028694    0.334122    0.228919
0.001252    0.589085    7.056665
0.25000    0.028694    0.342097    0.228919
0.001252    0.306181    7.163276
0.50000    0.028694    0.361282    0.228919
0.001252    0.027414    7.347852
0.75000    0.028694    0.382209    0.228919
0.001252    0.172984    7.584886
1.00000    0.028694    0.400583    0.228919
0.001252    0.338890    7.847707
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4608

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.272796   -0.473975   -0.138171
-5.98E-06   -0.342691   -0.877566
0.25000   -0.272796   -0.455719   -0.138171
-5.98E-06   -0.172212   -0.909195
0.50000   -0.272796   -0.434817   -0.138171
-5.98E-06   -0.002801   -0.969671
0.75000   -0.272796   -0.415585   -0.138171
-5.98E-06   -0.260136   -1.029880
1.00000   -0.272796   -0.407168   -0.138171
-5.98E-06   -0.542977   -1.117910

COMB DL-G3-2 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.074575   12.001635    0.381781
 0.001493    0.976510   20.381376
0.25000    0.074575   24.059111    0.381781
 0.001493    0.524500   58.106243
0.50000    0.074575   53.066513    0.381781
 0.001493    0.087217   80.360588
0.75000    0.074575   84.708752    0.381781
 0.001493    0.251640   59.990428
1.00000    0.074575  112.490612    0.381781
 0.001493    0.469817   22.926788

COMB DL-G3-2 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.316324  -112.770076   -0.194714
-5.81E-05   -0.505688   -64.709729
0.25000   -0.316324   -85.167192   -0.194714
-5.81E-05   -0.265181   -23.047091
0.50000   -0.316324   -53.564272   -0.194714
-5.81E-05   -0.030373   -23.736727
0.75000   -0.316324   -24.485044   -0.194714
-5.81E-05   -0.458092   -24.643488
1.00000   -0.316324   -11.759060   -0.194714
-5.81E-05   -0.922950   -66.283202

COMB DL-G3-3 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.218639    8.993159    0.489709
0.001410    1.256954   21.378316
0.25000    0.218639   17.684589    0.489709
 0.001410    0.666033   48.665046
0.50000    0.218639   38.594092    0.489709
 0.001410    0.090464   64.905113
0.75000    0.218639   61.402872    0.489709
 0.001410    0.305355   50.462760
1.00000    0.218639   81.428963    0.489709
 0.001410    0.589199   24.015255

COMB DL-G3-3 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.287077   -81.688473   -0.243102
-0.000378   -0.622079   -47.532125
0.25000   -0.287077   -61.791394   -0.243102
-0.000378   -0.322179   -17.581044
0.50000   -0.287077   -39.010956   -0.243102
-0.000378   -0.024856   -18.161349
0.75000   -0.287077   -18.049679   -0.243102
-0.000378   -0.570336   -18.896699
1.00000   -0.287077   -8.876365   -0.243102
-0.000378   -1.171839   -48.992763

COMB DL-G3-4 ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.312577    7.543473    0.563733
 0.001175    1.443044   20.359091
0.25000    0.312577   14.756427    0.563733
 0.001175    0.757715   43.146812
0.50000    0.312577   32.109069    0.563733
 0.001175    0.087248   56.784331
0.75000    0.312577   51.037909    0.563733
 0.001175    0.370255   44.991822
1.00000    0.312577   67.657414    0.563733
 0.001175    0.724558   23.239027
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4609

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.258307   -67.986279   -0.297741
-0.000852   -0.755101   -39.951505
0.25000   -0.258307   -51.473840   -0.297741
-0.000852   -0.387442   -15.151718
0.50000   -0.258307   -32.568522   -0.297741
-0.000852   -0.022355   -15.689634
0.75000   -0.258307   -15.172912   -0.297741
-0.000852   -0.655484   -16.356477
1.00000   -0.258307   -7.560047   -0.297741
-0.000852   -1.349618   -41.389351

COMB DB ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.394496   10.849089    0.332779
 0.001587    0.854718   23.839593
0.25000    0.394496   31.810810    0.332779
 0.001587    0.451970   73.546719
0.50000    0.394496   59.548242    0.332779
 0.001587    0.081558   99.319809
0.75000    0.394496   85.598061    0.332779
 0.001587    0.212076   78.435438
1.00000    0.394496  112.872307    0.332779
 0.001587    0.414554   24.868437

COMB DB ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.333745  -112.851158   -0.168831
-0.001555   -0.423338   -73.348110
0.25000   -0.333745   -85.234846   -0.168831
-0.001555   -0.218239   -25.807404
0.50000   -0.333745   -59.224927   -0.168831
-0.001555   -0.040364   -26.287210
0.75000   -0.333745   -31.420932   -0.168831
-0.001555   -0.392176   -27.333040
1.00000   -0.333745   -10.253279   -0.168831
-0.001555   -0.803122   -74.855779

COMB DL ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.413174   12.001635    0.575454
 0.001493    1.467906   21.378316
0.25000    0.413174   24.059111    0.575454
 0.001493    0.765200   55.106243
0.50000    0.413174   53.066513    0.575454
 0.001493    0.090464   80.360588
0.75000    0.413174   84.708752    0.575454
 0.001493    0.370626   59.990428
1.00000    0.413174  112.490612    0.575454
 0.001493    0.730628   24.015255

COMB DL ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.316324  -112.770076   -0.299677
-0.001508   -0.757868   -64.709729
0.25000   -0.316324   -85.167192   -0.299677
-0.001508   -0.387733   -23.047091
0.50000   -0.316324   -53.564272   -0.299677
-0.001508   -0.030373   -23.736727
0.75000   -0.316324   -24.485044   -0.299677
-0.001508   -0.670866   -24.643488
1.00000   -0.316324   -11.759060   -0.299677
-0.001508   -1.380286   -66.283202

COMB CAR ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.413174   12.001635    0.575454
 0.001587    1.467906   23.839593
0.25000    0.413174   31.810810    0.575454
 0.001587    0.765200   73.546719
0.50000    0.413174   59.548242    0.575454
 0.001587    0.090464   99.319809
0.75000    0.413174   85.598061    0.575454
 0.001587    0.370626   78.435438
1.00000    0.413174  112.872307    0.575454
 0.001587    0.730628   24.868437
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                   4610

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB CAR ---------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.333745  -112.851158   -0.299677
-0.001555   -0.757868   -73.348110
0.25000   -0.333745   -85.234846   -0.299677
-0.001555   -0.387733   -25.807404
0.50000   -0.333745   -59.224927   -0.299677
-0.001555   -0.040364   -26.287210
0.75000   -0.333745   -31.420932   -0.299677
-0.001555   -0.670866   -27.333040
1.00000   -0.333745   -11.759060   -0.299677
-0.001555   -1.380286   -74.855779

COMB DESIGN ---------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.413174   12.001635    0.575454
 0.001587    1.467906   23.839593
0.25000    0.413174   31.810810    0.575454
 0.001587    0.765200   73.546719
0.50000    0.413174   59.548242    0.575454
 0.001587    0.090464   99.319809
0.75000    0.413174   85.598061    0.575454
 0.001587    0.370626   78.435438
1.00000    0.413174  112.872307    0.575454
 0.001587    0.730628   24.868437

COMB DESIGN ---------- MIN
```

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.333745	-112.851158	-0.299677
-0.001555	-0.757868	-73.348110	
0.25000	-0.333745	-85.234846	-0.299677
-0.001555	-0.387733	-25.807404	
0.50000	-0.333745	-59.224927	-0.299677
-0.001555	-0.040364	-26.287210	
0.75000	-0.333745	-31.420932	-0.299677
-0.001555	-0.670866	-27.333040	
1.00000	-0.333745	-11.759060	-0.299677
-0.001555	-1.380286	-74.855779	

ELEM 448 ========== LENGTH = 4.943166

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167903	0.082121	0.096174
3.31E-06	0.250965	3.407478	
0.25000	0.167903	0.105933	0.096174
3.31E-06	0.132177	3.636279	
0.50000	0.167903	0.137327	0.096174
3.31E-06	0.014531	3.840764	
0.75000	0.167903	0.166743	0.096174
3.31E-06	0.103466	4.003623	
1.00000	0.167903	0.197587	0.096174
3.31E-06	0.207037	4.138052	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038284	-0.317533	-0.083823
-0.000541	-0.207329	-0.871701	
0.25000	-0.038284	-0.286671	-0.083823
-0.000541	-0.102729	-0.898877	
0.50000	-0.038284	-0.257251	-0.083823
-0.000541	-0.002666	-0.979473	
0.75000	-0.038284	-0.225855	-0.083823
-0.000541	-0.106487	-1.061082	
1.00000	-0.038284	-0.201979	-0.083823
-0.000541	-0.224737	-1.195933	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.272806	0.531007	0.166212
3.03E-05	0.435786	7.489511	
0.25000	0.272806	1.197767	0.166212
3.03E-05	0.230781	9.421798	
0.50000	0.272806	2.076781	0.166212
3.03E-05	0.029944	10.414815	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4611

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.272806	2.900431	0.166212
3.03E-05	0.165816	10.088928	
1.00000	0.272806	3.764080	0.166212
3.03E-05	0.331013	8.855611	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056289	-4.023084	-0.134037
-0.000957	-0.332027	-3.752317	
0.25000	-0.056289	-3.158951	-0.134037
-0.000957	-0.166420	-2.386973	
0.50000	-0.056289	-2.335186	-0.134037
-0.000957	-0.006283	-2.517381	
0.75000	-0.056289	-1.456099	-0.134037
-0.000957	-0.182248	-2.676161	
1.00000	-0.056289	-0.787556	-0.134037
-0.000957	-0.387400	-4.325729	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335239	0.482649	0.218739
0.000288	0.574810	12.239274	
0.25000	0.335239	0.504080	0.218739
0.000288	0.305058	12.429845	
0.50000	0.335239	0.532334	0.218739
0.000288	0.044590	12.794927	
0.75000	0.335239	0.558809	0.218739
0.000288	0.176101	13.351356	
1.00000	0.335239	0.586569	0.218739
0.000288	0.355818	14.084484	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054345	-0.945201	-0.145404
-0.001101	-0.362857	-2.023283	
0.25000	-0.054345	-0.917425	-0.145404
-0.001101	-0.183094	-2.171185	
0.50000	-0.054345	-0.890947	-0.145404
-0.001101	-0.007012	-2.367164	
0.75000	-0.054345	-0.862691	-0.145404
-0.001101	-0.237529	-2.564055	
1.00000	-0.054345	-0.841202	-0.145404
-0.001101	-0.507318	-2.808865	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.309179	6.743998	0.246024
0.000591	0.651093	21.987559	
0.25000	0.309179	19.370767	0.246024
0.000591	0.351802	54.278801	
0.50000	0.309179	36.017091	0.246024
0.000591	0.077530	67.899736	
0.75000	0.309179	51.614960	0.246024
0.000591	0.198637	55.682089	
1.00000	0.309179	67.970317	0.246024
0.000591	0.383086	23.930703	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114173	-68.356241	-0.156241
-0.001007	-0.398504	-46.166443	
0.25000	-0.114173	-51.991714	-0.156241
-0.001007	-0.276409	-17.764405	
0.50000	-0.114173	-36.391669	-0.156241
-0.001007	-0.029477	-17.688167	
0.75000	-0.114173	-19.743962	-0.156241
-0.001007	-0.281301	-18.149219	
1.00000	-0.114173	-7.083435	-0.156241
-0.001007	-0.584764	-46.842068	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115671	0.195651	0.080346
0.000104	0.122247	5.062466	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4612

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.115671	0.219463	0.080346
0.000104	0.112208	5.182756	
0.50000	0.115671	0.250857	0.080346
0.000104	0.018523	5.342482	
0.75000	0.115671	0.280273	0.080346
0.000104	0.056640	5.546650	
1.00000	0.115671	0.311117	0.080346
0.000104	0.113279	5.811912	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014262	-0.480277	-0.045910
-0.000441	-0.113520	-0.835077	
0.25000	-0.014262	-0.449415	-0.045910
-0.000441	-0.056874	-0.856424	
0.50000	-0.014262	-0.419995	-0.045910
-0.000441	-0.002723	-0.931190	
0.75000	-0.014262	-0.388599	-0.045910
-0.000441	-0.086380	-1.006970	
1.00000	-0.014262	-0.364722	-0.045910
-0.000441	-0.185408	-1.135992	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194493	8.793297	0.166667
0.000312	0.444387	20.523856	
0.25000	0.194493	26.081434	0.166667
0.000312	0.244489	64.605562	
0.50000	0.194493	48.873005	0.166667
0.000312	0.072095	83.037101	
0.75000	0.194493	70.229069	0.166667
0.000312	0.095544	65.894130	
1.00000	0.194493	92.622260	0.166667
0.000312	0.171712	21.818365	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022072	-92.896956	-0.071193
-0.000570	-0.192881	-61.714757	
0.25000	-0.022072	-70.490260	-0.071193
-0.000570	-0.106253	-22.677644	
0.50000	-0.022072	-49.131216	-0.071193
-0.000570	-0.035001	-22.423239	
0.75000	-0.022072	-26.337750	-0.071193
-0.000570	-0.210374	-22.904473	
1.00000	-0.022072	-9.003394	-0.071193
-0.000570	-0.405856	-62.039710	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298753	7.987781	0.223978
0.000282	0.593610	21.396021	
0.25000	0.298753	23.611399	0.223978
0.000282	0.322400	61.372240	
0.50000	0.298753	44.208575	0.223978
0.000282	0.077085	78.171822	
0.75000	0.298753	63.596403	0.223978
0.000282	0.164073	62.825236	
1.00000	0.298753	83.745608	0.223978
0.000282	0.310848	23.130678	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.045765	-84.099689	-0.127375
-0.000918	-0.330242	-56.399004	
0.25000	-0.045765	-63.851190	-0.127375
-0.000918	-0.174029	-21.184606	
0.50000	-0.045765	-44.548617	-0.127375
-0.000918	-0.033878	-21.018878	
0.75000	-0.045765	-23.949728	-0.127375
-0.000918	-0.261257	-21.517961	
1.00000	-0.045765	-8.284341	-0.127375
-0.000918	-0.537549	-56.949401	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4613

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.263319	5.656112	0.239036
0.000830	0.633954	21.866672	
0.25000	0.263319	15.907548	0.239036
0.000830	0.342688	48.046449	
0.50000	0.263319	29.422385	0.239036
0.000830	0.075601	59.157244	
0.75000	0.263319	42.086001	0.239036
0.000830	0.178371	39.365370	
1.00000	0.263319	55.364608	0.239036
0.000830	0.386101	23.846508	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.159824	-55.773355	-0.157380
-0.000912	-0.399350	-37.893448	
0.25000	-0.159824	-42.487303	-0.157380
-0.000912	-0.205606	-14.873739	
0.50000	-0.159824	-29.821920	-0.157380
-0.000912	-0.025387	-14.851214	
0.75000	-0.159824	-16.305960	-0.157380
-0.000912	-0.276273	-15.264904	
1.00000	-0.159824	-6.027116	-0.157380
-0.000912	-0.567403	-38.599460	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027340	0.319084	0.093755
0.000906	0.231703	7.781570	
0.25000	0.027340	0.342897	0.093755
0.000906	0.118671	7.817319	
0.50000	0.027340	0.374291	0.093755
0.000906	0.024745	7.993637	
0.75000	0.027340	0.403707	0.093755
0.000906	0.110482	8.285031	
1.00000	0.027340	0.434551	0.093755
0.000906	0.220452	8.639635	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.217216	-0.622806	-0.088997
-0.000157	-0.219492	-0.909495	
0.25000	-0.217216	-0.591944	-0.088997
-0.000157	-0.109506	-1.770478	
0.50000	-0.217216	-0.562524	-0.088997
-0.000157	-0.002987	-1.012081	
0.75000	-0.217216	-0.531128	-0.088997
-0.000157	-0.115920	-1.091098	
1.00000	-0.217216	-0.507251	-0.088997
-0.000157	-0.231785	-1.223356	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079294	10.719701	0.170991
0.001111	0.438963	24.643252	
0.25000	0.079294	31.770470	0.170991
0.001111	0.243963	78.294175	
0.50000	0.079294	59.521990	0.170991
0.001111	0.083746	100.662959	
0.75000	0.079294	85.525793	0.170991
0.001111	0.158946	79.717278	
1.00000	0.079294	112.792433	0.170991
0.001111	0.289769	25.927700	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248194	-113.063506	-0.117543
-0.000278	-0.306795	-74.824243	
0.25000	-0.248194	-85.781579	-0.117543
-0.000278	-0.163251	-27.255216	
0.50000	-0.248194	-59.774148	-0.117543
-0.000278	-0.041470	-26.909209	
0.75000	-0.248194	-32.020121	-0.117543
-0.000278	-0.226530	-27.458938	
1.00000	-0.248194	-10.913273	-0.117543
-0.000278	-0.437162	-75.074974	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4614

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.168127	7.680632	0.219251
0.001215	0.566568	24.845413	
0.25000	0.168127	22.125514	0.219251
0.001215	0.309920	61.613744	
0.50000	0.168127	41.168719	0.219251
0.001215	0.083846	77.127419	
0.75000	0.168127	59.012505	0.219251
0.001215	0.175535	63.109975	
1.00000	0.168127	77.722849	0.219251
0.001215	0.334568	26.673245	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.229698	-78.104995	-0.136691
-0.000551	-0.351659	-52.307548	
0.25000	-0.229698	-59.384161	-0.136691
-0.000551	-0.183686	-19.750365	
0.50000	-0.229698	-41.537886	-0.136691
-0.000551	-0.031886	-19.617576	
0.75000	-0.229698	-22.493098	-0.136691
-0.000551	-0.266685	-20.089441	
1.00000	-0.229698	-8.009598	-0.136691
-0.000551	-0.539259	-52.858163	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.235249	6.429956	0.242396
0.001010	0.628886	23.375627	
0.25000	0.235249	18.378039	0.242396
0.001010	0.341378	53.876353	
0.50000	0.235249	34.129672	0.242396
0.001010	0.080574	66.812143	
0.75000	0.235249	48.889183	0.242396
0.001010	0.206575	55.348823	
1.00000	0.235249	64.365469	0.242396
0.001010	0.399586	25.399348	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210119	-64.791017	-0.162794
-0.000823	-0.413846	-43.809897	
0.25000	-0.210119	-49.306055	-0.162794
-0.000823	-0.213606	-16.943776	
0.50000	-0.210119	-34.544484	-0.162794
-0.000823	-0.028323	-16.880994	
0.75000	-0.210119	-18.791562	-0.162794
-0.000823	-0.228527	-17.326622	
1.00000	-0.210119	-6.811516	-0.162794
-0.000823	-0.587672	-44.486639	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.224587	0.108584	0.217014
3.22E-06	0.554260	4.114279	
0.25000	0.224587	0.116639	0.217014
3.22E-06	0.285176	4.392871	
0.50000	0.224587	0.135835	0.217014
3.22E-06	0.018856	4.664345	
0.75000	0.224587	0.156737	0.217014
3.22E-06	0.183342	4.911419	
1.00000	0.224587	0.175073	0.217014
3.22E-06	0.370147	5.151238	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066923	-0.321499	-0.151032
-0.000519	-0.376323	-1.077333	
0.25000	-0.066923	-0.303164	-0.151032
-0.000519	-0.189476	-1.163265	
0.50000	-0.066923	-0.289060	-0.151032
-0.000519	-0.003380	-1.276323	
0.75000	-0.066923	-0.263063	-0.151032
-0.000519	-0.248896	-1.389888	
1.00000	-0.066923	-0.254994	-0.151032
-0.000519	-0.517680	-1.530937	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4615

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.349453	0.492870	0.351945
2.63E-05	0.903478	8.548873	
0.25000	0.349453	0.726451	0.351945
2.63E-05	0.467805	9.652192	
0.50000	0.349453	1.283137	0.351945
2.63E-05	0.037401	10.472232	
0.75000	0.349453	1.889313	0.351945
2.63E-05	0.302611	10.588639	
1.00000	0.349453	2.421052	0.351945
2.63E-05	0.610195	10.355637	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102346	-2.689954	-0.249101
-0.000877	-0.621370	-3.100690	
0.25000	-0.102346	-2.158248	-0.249101
-0.000877	-0.313289	-2.499734	
0.50000	-0.102346	-1.552010	-0.249101
-0.000877	-0.006698	-2.699493	
0.75000	-0.102346	-0.953318	-0.249101
-0.000877	-0.399130	-2.903539	
1.00000	-0.102346	-0.761315	-0.249101
-0.000877	-0.834851	-3.907962	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.414681	0.563567	0.418223
0.000256	1.081996	13.400257	
0.25000	0.414681	0.570816	0.418223
0.000256	0.564873	13.812674	
0.50000	0.414681	0.588093	0.418223
0.000256	0.055200	14.341436	
0.75000	0.414681	0.606905	0.418223
0.000256	0.324728	15.064769	
1.00000	0.414681	0.623407	0.418223
0.000256	0.657340	15.838678	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099248	-0.975109	-0.269305
-0.000992	-0.674772	-2.612207	
0.25000	-0.099248	-0.958608	-0.269305
-0.000992	-0.342013	-2.858909	
0.50000	-0.099248	-0.939794	-0.269305
-0.000992	-0.008507	-3.127992	
0.75000	-0.099248	-0.922517	-0.269305
-0.000992	-0.465541	-3.396716	
1.00000	-0.099248	-0.915255	-0.269305
-0.000992	-0.982979	-3.691014	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.387863	6.182199	0.452559
0.000523	1.173450	20.509406	
0.25000	0.387863	11.818347	0.452559
0.000523	0.621400	38.221453	
0.50000	0.387863	25.250803	0.452559
0.000523	0.082783	48.614008	
0.75000	0.387863	39.877422	0.452559
0.000523	0.351640	39.570780	
1.00000	0.387863	52.707903	0.452559
0.000523	0.693296	23.088942	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152895	-53.063144	-0.284523
-0.000916	-0.721980	-32.626951	
0.25000	-0.152895	-40.234568	-0.284523
-0.000916	-0.370509	-13.538118	
0.50000	-0.152895	-25.605361	-0.284523
-0.000916	-0.021363	-13.789882	
0.75000	-0.152895	-12.172749	-0.284523
-0.000916	-0.513097	-14.136205	
1.00000	-0.152895	-6.526430	-0.284523
-0.000916	-1.070760	-33.796934	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4616

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.130026	0.235691	0.140410
0.000109	0.365711	5.362194	
0.25000	0.130026	0.243746	0.140410
0.000109	0.192176	5.561999	
0.50000	0.130026	0.262942	0.140410
0.000109	0.022001	5.765922	
0.75000	0.130026	0.283844	0.140410
0.000109	0.114055	5.985113	
1.00000	0.130026	0.302180	0.140410
0.000109	0.230281	6.244430	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029319	-0.441313	-0.094208
-0.000363	-0.235656	-1.011968	
0.25000	-0.029319	-0.422978	-0.094208
-0.000363	-0.119301	-1.084737	
0.50000	-0.029319	-0.402073	-0.094208
-0.000363	-0.003158	-1.184758	
0.75000	-0.029319	-0.382877	-0.094208
-0.000363	-0.153718	-1.285739	
1.00000	-0.029319	-0.374808	-0.094208
-0.000363	-0.327105	-1.413819	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220107	8.779957	0.257677
0.000272	0.675611	18.340852	
0.25000	0.220107	17.358017	0.257677
0.000272	0.368896	45.051745	
0.50000	0.220107	37.801841	0.257677
0.000272	0.074860	60.465320	
0.75000	0.220107	60.063147	0.257677
0.000272	0.180439	45.902790	
1.00000	0.220107	79.590781	0.257677
0.000272	0.339108	19.973982	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038361	-79.804969	-0.140694
-0.000466	-0.370218	-47.224955	
0.25000	-0.038361	-60.278544	-0.140694
-0.000466	-0.196626	-17.951520	
0.50000	-0.038361	-38.014987	-0.140694
-0.000466	-0.024523	-18.092941	
0.75000	-0.038361	-17.570927	-0.140694
-0.000466	-0.294923	-18.435968	
1.00000	-0.038361	-8.977387	-0.140694
-0.000466	-0.610132	-48.059389	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.359552	8.010770	0.393924
0.000247	1.023171	20.015787	
0.25000	0.359552	15.774518	0.393924
0.000247	0.546212	44.396843	
0.50000	0.359552	34.277619	0.393924
0.000247	0.083431	58.553074	
0.75000	0.359552	54.425669	0.393924
0.000247	0.303307	45.571255	
1.00000	0.359552	72.099553	0.393924
0.000247	0.589616	22.307838	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080255	-72.413680	-0.242774
-0.000809	-0.622642	-43.578303	
0.25000	-0.080255	-54.740891	-0.242774
-0.000809	-0.322893	-17.153684	
0.50000	-0.080255	-34.528604	-0.242774
-0.000809	-0.024856	-17.370839	
0.75000	-0.080255	-16.087490	-0.242774
-0.000809	-0.449645	-17.718686	
1.00000	-0.080255	-8.309731	-0.242774
-0.000809	-0.934078	-44.670644	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4617

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.326705	5.285975	0.437273
0.000736	1.137204	20.693829	
0.25000	0.326705	9.967663	0.437273
0.000736	0.602727	35.440007	
0.50000	0.326705	21.125384	0.437273
0.000736	0.082064	44.174638	
0.75000	0.326705	33.275040	0.437273
0.000736	0.344144	36.812196	
1.00000	0.326705	43.932728	0.437273
0.000736	0.681318	23.294227	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191470	-44.299482	-0.279602
-0.000803	-0.707467	-27.583736	
0.25000	-0.191470	-33.642455	-0.279602
-0.000803	-0.362164	-11.770389	
0.50000	-0.191470	-21.491570	-0.279602
-0.000803	-0.019291	-12.023268	
0.75000	-0.191470	-10.333720	-0.279602
-0.000803	-0.493510	-12.356236	
1.00000	-0.191470	-5.643584	-0.279602
-0.000803	-1.030926	-28.731729	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034382	0.315819	0.182130
0.000822	0.467632	7.834477	
0.25000	0.034382	0.323873	0.182130
0.000822	0.243656	8.016802	
0.50000	0.034382	0.343069	0.182130
0.000822	0.029013	8.259752	
0.75000	0.034382	0.363972	0.182130
0.000822	0.163203	8.563368	
1.00000	0.034382	0.382308	0.182130
0.000822	0.328406	8.898136	

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232088	-0.553970	-0.133933
-0.000165	-0.332018	-1.136964	
0.25000	-0.232088	-0.535635	-0.133933
-0.000165	-0.166815	-1.205680	
0.50000	-0.232088	-0.514730	-0.133933
-0.000165	-0.003697	-1.300292	
0.75000	-0.232088	-0.495534	-0.133933
-0.000165	-0.207732	-1.395455	
1.00000	-0.232088	-0.487465	-0.133933
-0.000165	-0.432853	-1.517954	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096931	12.311593	0.299714
0.000971	0.775158	22.910409	
0.25000	0.096931	24.490021	0.299714
0.000971	0.323994	60.715493	
0.50000	0.096931	53.514493	0.299714
0.000971	0.090738	82.444206	
0.75000	0.096931	85.119277	0.299714
0.000971	0.246210	61.592578	
1.00000	0.096931	112.843017	0.299714
0.000971	0.457845	24.575450	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262652	-113.060371	-0.188440
-0.000236	-0.490714	-66.282262	
0.25000	-0.262652	-85.338347	-0.188440
-0.000236	-0.258129	-24.590488	
0.50000	-0.262652	-53.730369	-0.188440
-0.000236	-0.032343	-24.690956	
0.75000	-0.262652	-24.705562	-0.188440
-0.000236	-0.360104	-25.000750	
1.00000	-0.262652	-12.505155	-0.188440
-0.000236	-0.039133	-75.074974	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4618

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.191367	9.181293	0.374834
0.001057	0.974348	23.974195	
0.25000	0.191367	17.959910	0.374834
0.001057	0.525976	51.414205	
0.50000	0.191367	38.881717	0.374834
0.001057	0.094893	67.333552	
0.75000	0.191367	61.663498	0.374834
0.001057	0.289999	52.615366	
1.00000	0.191367	81.647694	0.374834
0.001057	0.558248	26.290303	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246853	-81.965999	-0.229907
-0.000471	-0.590613	-48.974571	
0.25000	-0.246853	-61.983040	-0.229907
-0.000471	-0.309196	-19.040655	
0.50000	-0.246853	-39.198956	-0.229907
-0.000471	-0.027242	-19.230099	
0.75000	-0.246853	-18.276907	-0.229907
-0.000471	-0.431820	-19.570573	
1.00000	-0.246853	-9.482448	-0.229907
-0.000471	-0.891548	-49.990943	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.279409	7.714900	0.437266
0.000879	1.133204	23.159718	
0.25000	0.279409	15.000210	0.437266
0.000879	0.604782	46.067189	
0.50000	0.279409	32.363064	0.437266
0.000879	0.092870	59.430140	
0.75000	0.279409	51.269497	0.437266
0.000879	0.353062	47.404622	
1.00000	0.279409	67.854234	0.437266
0.000879	0.690235	25.759665	

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.241327	-68.224129	-0.283429
-0.000713	-0.721000	-41.345743	
0.25000	-0.241327	-51.640419	-0.283429
-0.000713	-0.371142	-16.579431	
0.50000	-0.241327	-32.732075	-0.283429
-0.000713	-0.024894	-16.811955	
0.75000	-0.241327	-15.369020	-0.283429
-0.000713	-0.565388	-17.170026	
1.00000	-0.241327	-8.070563	-0.283429
-0.000713	-1.038065	-42.491137	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335239	10.719701	0.246024
0.001215	0.651093	24.845413	
0.25000	0.335239	31.770270	0.246024
0.001215	0.351802	78.294175	
0.50000	0.335239	59.521990	0.246024
0.001215	0.083846	100.662959	
0.75000	0.335239	85.525793	0.246024
0.001215	0.206575	79.717278	
1.00000	0.335239	112.792433	0.246024
0.001215	0.399586	26.673245	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248194	-113.063506	-0.162794
-0.001101	-0.413846	-74.824243	
0.25000	-0.248194	-85.781579	-0.162794
-0.001101	-0.213606	-27.255216	
0.50000	-0.248194	-59.774148	-0.162794
-0.001101	-0.041470	-26.909209	
0.75000	-0.248194	-32.020121	-0.162794
-0.001101	-0.288527	-27.458938	
1.00000	-0.248194	-10.913273	-0.162794
-0.001101	-0.587672	-75.074974	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4619

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.414681	12.311593	0.452559
0.001057	1.173450	23.974195	
0.25000	0.414681	24.490021	0.452559
0.001057	0.621400	60.714593	
0.50000	0.414681	53.514493	0.452559
0.001057	0.094893	82.444206	
0.75000	0.414681	85.119277	0.452559
0.001057	0.353062	61.592578	
1.00000	0.414681	112.843017	0.452559
0.001057	0.693296	26.290303	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262652	-113.060371	-0.284523
-0.000992	-0.721980	-66.282262	
0.25000	-0.262652	-85.338347	-0.284523
-0.000992	-0.371142	-24.590488	
0.50000	-0.262652	-53.730369	-0.284523
-0.000992	-0.032343	-24.690956	
0.75000	-0.262652	-24.705562	-0.284523
-0.000992	-0.513097	-25.000750	
1.00000	-0.262652	-12.505155	-0.284523
-0.000992	-1.070760	-67.039133	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.414681	12.311593	0.452559
0.001215	1.173450	24.845413	
0.25000	0.414681	31.770270	0.452559
0.001215	0.621400	78.294175	
0.50000	0.414681	59.521990	0.452559
0.001215	0.094893	100.662959	
0.75000	0.414681	85.525793	0.452559
0.001215	0.353062	79.717278	
1.00000	0.414681	112.843017	0.452559
0.001215	0.693296	26.673245	

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262652	-113.063506	-0.284523
-0.001101	-0.721980	-74.824243	
0.25000	-0.262652	-85.781579	-0.284523
-0.001101	-0.371142	-27.255216	
0.50000	-0.262652	-59.774148	-0.284523
-0.001101	-0.041470	-26.909209	
0.75000	-0.262652	-32.020121	-0.284523
-0.001101	-0.513097	-27.458938	
1.00000	-0.262652	-12.505155	-0.284523
-0.001101	-1.070760	-75.074974	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.414681	12.311593	0.452559
0.001215	1.173450	24.845413	
0.25000	0.414681	31.770270	0.452559
0.001215	0.621400	78.294175	
0.50000	0.414681	59.521990	0.452559
0.001215	0.094893	100.662959	
0.75000	0.414681	85.525793	0.452559
0.001215	0.353062	79.717278	
1.00000	0.414681	112.843017	0.452559
0.001215	0.693296	26.673245	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262652	-113.063506	-0.284523
-0.001101	-0.721980	-74.824243	
0.25000	-0.262652	-85.781579	-0.284523
-0.001101	-0.371142	-27.255216	
0.50000	-0.262652	-59.774148	-0.284523
-0.001101	-0.041470	-26.909209	
0.75000	-0.262652	-32.020121	-0.284523
-0.001101	-0.513097	-27.458938	
1.00000	-0.262652	-12.505155	-0.284523
-0.001101	-1.070760	-75.074974	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4620

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 449 ================== LENGTH = 4.942369

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171404	0.082671	0.084969
5.85E-06	0.210890	4.097233	
0.25000	0.171404	0.106890	0.084969
5.85E-06	0.105995	4.195732	
0.50000	0.171404	0.137881	0.084969
5.85E-06	0.016817	4.266672	
0.75000	0.171404	0.167295	0.084969
5.85E-06	0.103049	4.298304	
1.00000	0.171404	0.198127	0.084969
5.85E-06	0.206373	4.301646	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051979	-0.243603	-0.083630
-0.000270	-0.206990	-1.168102	
0.25000	-0.051979	-0.212772	-0.083630
-0.000270	-0.103659	-1.209448	
0.50000	-0.051979	-0.183358	-0.083630
-0.000270	-0.003966	-1.288682	
0.75000	-0.051979	-0.151967	-0.083630
-0.000270	-0.104212	-1.369282	
1.00000	-0.051979	-0.128131	-0.083630
-0.000270	-0.209204	-1.502955	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.257174	0.575081	0.136364
0.000137	0.341026	8.797955	
0.25000	0.257174	1.241990	0.136364
0.000137	0.172982	10.436223	
0.50000	0.257174	2.120961	0.136364
0.000137	0.033618	11.155168	
0.75000	0.257174	2.944535	0.136364
0.000137	0.165394	10.618435	
1.00000	0.257174	3.807828	0.136364
0.000137	0.330530	9.154775	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096890	-3.887382	-0.133806
-0.000541	-0.331736	-4.302745	
0.25000	-0.096890	-3.024103	-0.133806
-0.000541	-0.166414	-2.944694	
0.50000	-0.096890	-2.200531	-0.133806
-0.000541	-0.008182	-3.067491	
0.75000	-0.096890	-1.321566	-0.133806
-0.000541	-0.167750	-3.225742	
1.00000	-0.096890	-0.654173	-0.133806
-0.000541	-0.336251	-4.875644	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308025	0.589269	0.162063
0.000379	0.417876	14.041432	
0.25000	0.308025	0.610705	0.162063
0.000379	0.218208	13.868400	
0.50000	0.308025	0.638958	0.162063
0.000379	0.049335	13.860962	
0.75000	0.308025	0.665430	0.162063
0.000379	0.167711	14.095323	
1.00000	0.308025	0.693179	0.162063
0.000379	0.336117	14.495817	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.084084	-0.777676	-0.136248
-0.000738	-0.341159	-2.781634	
0.25000	-0.084084	-0.749928	-0.136248
-0.000738	-0.172943	-2.930151	
0.50000	-0.084084	-0.723456	-0.136248
-0.000738	-0.009580	-3.126266	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4621

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.084084	-0.695204	-0.136248
-0.000738	-0.184489	-3.323522	
1.00000	-0.084084	-0.673752	-0.136248
-0.000738	-0.384213	-3.568723	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297404	6.884671	0.185805
0.000576	0.482145	23.911640	
0.25000	0.297404	19.514258	0.185805
0.000576	0.256285	56.171905	
0.50000	0.297404	36.159768	0.185805
0.000576	0.082377	69.021980	
0.75000	0.297404	51.756200	0.185805
0.000576	0.199362	56.479439	
1.00000	0.297404	68.104828	0.185805
0.000576	0.383867	24.322901	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.122533	-68.172939	-0.152434
-0.000817	-0.390489	-46.799366	
0.25000	-0.122533	-51.824696	-0.152434
-0.000817	-0.202914	-18.561284	
0.50000	-0.122533	-36.228202	-0.152434
-0.000817	-0.031643	-18.366764	
0.75000	-0.122533	-19.582807	-0.152434
-0.000817	-0.227338	-18.843656	
1.00000	-0.122533	-6.944055	-0.152434
-0.000817	-0.456093	-47.568693	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093253	0.271476	0.051469
0.000233	0.136480	5.801514	
0.25000	0.093253	0.295245	0.051469
0.000233	0.073131	5.729001	
0.50000	0.093253	0.326636	0.051469
0.000233	0.019977	5.741679	
0.75000	0.093253	0.356050	0.051469
0.000233	0.056281	5.833226	
1.00000	0.093253	0.386882	0.051469
0.000233	0.112656	5.992271	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040037	-0.414466	-0.045696
-0.000325	-0.113070	-1.125840	
0.25000	-0.040037	-0.383634	-0.045696
-0.000325	-0.056688	-1.147971	
0.50000	-0.040037	-0.354221	-0.045696
-0.000325	-0.003703	-1.222990	
0.75000	-0.040037	-0.322829	-0.045696
-0.000325	-0.056787	-1.299274	
1.00000	-0.040037	-0.298994	-0.045696
-0.000325	-0.118476	-1.428832	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.178042	8.928130	0.107448
0.000415	0.295683	21.837173	
0.25000	0.178042	26.220124	0.107448
0.000415	0.168024	66.150434	
0.50000	0.178042	49.010582	0.107448
0.000415	0.074921	83.759496	
0.75000	0.178042	70.364679	0.107448
0.000415	0.096258	66.413393	
1.00000	0.178042	92.748656	0.107448
0.000415	0.172215	22.089289	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041677	-92.775712	-0.065722
-0.000486	-0.181007	-62.001077	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4622

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.041677	-70.392138	-0.065722
-0.000486	-0.100927	-23.187149	
0.50000	-0.041677	-49.039863	-0.065722
-0.000486	-0.036001	-22.769498	
0.75000	-0.041677	-26.247780	-0.065722
-0.000486	-0.130939	-23.271122	
1.00000	-0.041677	-8.943237	-0.065722
-0.000486	-0.262574	-62.449131	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277100	8.109232	0.160914
0.000372	0.425614	23.117683	
0.25000	0.277100	23.736336	0.160914
0.000372	0.231357	63.206963	
0.50000	0.277100	44.332506	0.160914
0.000372	0.081271	79.154648	
0.75000	0.277100	63.630609	0.160914
0.000372	0.164591	63.508474	
1.00000	0.277100	83.859435	0.160914
0.000372	0.311143	23.475503	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070034	-83.932577	-0.122420
-0.000648	-0.319055	-56.904469	
0.25000	-0.070034	-63.704116	-0.122420
-0.000648	-0.169011	-21.891013	
0.50000	-0.070034	-44.406048	-0.122420
-0.000648	-0.035643	-21.577001	
0.75000	-0.070034	-23.810021	-0.122420
-0.000648	-0.196454	-22.093756	
1.00000	-0.070034	-9.171576	-0.122420
-0.000648	-0.394289	-57.563095	

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.247421	5.823307	0.185365
0.000737	0.479304	23.831539	
0.25000	0.247421	16.077031	0.185365
0.000737	0.253352	49.902998	
0.50000	0.247421	29.591207	0.185365
0.000737	0.080230	60.293820	
0.75000	0.247421	42.253657	0.185365
0.000737	0.198676	50.171115	
1.00000	0.247421	55.526801	0.185365
0.000737	0.385195	24.216877	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.148367	-55.589510	-0.153429
-0.000843	-0.390531	-38.561496	
0.25000	-0.148367	-42.316606	-0.153429
-0.000843	-0.201685	-15.677031	
0.50000	-0.148367	-29.654179	-0.153429
-0.000843	-0.027654	-15.560605	
0.75000	-0.148367	-16.140096	-0.153429
-0.000843	-0.224877	-15.989287	
1.00000	-0.148367	-5.878931	-0.153429
-0.000843	-0.453187	-39.352106	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.033935	0.425451	0.094014
0.000638	0.232239	8.623286	
0.25000	0.033935	0.449269	0.094014
0.000638	0.116088	8.497093	
0.50000	0.033935	0.480661	0.094014
0.000638	0.026284	8.452668	
0.75000	0.033935	0.510075	0.094014
0.000638	0.112282	8.560126	
1.00000	0.033935	0.540907	0.094014
0.000638	0.223975	8.748167	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4623

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162904	-0.545181	-0.090389
-0.000422	-0.222792	-1.217415	
0.25000	-0.162904	-0.514350	-0.090389
-0.000422	-0.111103	-1.247406	
0.50000	-0.162904	-0.484937	-0.090389
-0.000422	-0.003970	-1.330285	
0.75000	-0.162904	-0.453545	-0.090389
-0.000422	-0.116300	-1.414430	
1.00000	-0.162904	-0.429710	-0.090389
-0.000422	-0.232461	-1.551847	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.099872	10.874226	0.150844
0.000807	0.390501	25.941667	
0.25000	0.099872	31.929491	0.150844
0.000807	0.209729	79.942160	
0.50000	0.099872	59.679856	0.150844
0.000807	0.086270	101.370835	
0.75000	0.099872	85.681264	0.150844
0.000807	0.169520	80.181458	
1.00000	0.099872	112.936685	0.150844
0.000807	0.313986	26.091570	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191212	-112.934607	-0.122169
-0.000553	-0.320313	-75.037130	
0.25000	-0.191212	-85.679677	-0.122169
-0.000553	-0.170005	-27.744145	
0.50000	-0.191212	-59.678317	-0.122169
-0.000553	-0.042188	-27.203650	
0.75000	-0.191212	-31.982614	-0.122169
-0.000553	-0.201307	-27.782494	
1.00000	-0.191212	-10.857599	-0.122169
-0.000553	-0.386883	-75.454897	

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165631	7.887250	0.172923
0.000985	0.453518	26.681211	
0.25000	0.165631	22.335354	0.172923
0.000985	0.244176	63.529501	
0.50000	0.165631	41.377630	0.172923
0.000985	0.087638	78.161461	
0.75000	0.165631	59.219772	0.172923
0.000985	0.178129	63.788879	
1.00000	0.165631	77.922417	0.172923
0.000985	0.338531	26.982736	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179839	-77.938685	-0.133366
-0.000774	-0.343731	-52.821647	
0.25000	-0.179839	-59.236377	-0.133366
-0.000774	-0.180343	-20.154683	
0.50000	-0.179839	-41.394267	-0.133366
-0.000774	-0.033585	-20.192493	
0.75000	-0.179839	-22.352124	-0.133366
-0.000774	-0.211312	-20.686764	
1.00000	-0.179839	-7.893535	-0.133366
-0.000774	-0.423971	-53.496592	

COMB DB-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221091	6.624759	0.193268
0.000851	0.499501	25.385163	
0.25000	0.221091	18.575527	0.193268
0.000851	0.264338	55.826093	
0.50000	0.221091	34.326371	0.193268
0.000851	0.084917	67.941941	
0.75000	0.221091	49.084523	0.193268
0.000851	0.208156	56.100606	
1.00000	0.221091	64.554135	0.193268
0.000851	0.401886	25.753022	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4624

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.183466	-64.601115	-0.159705
-0.000862	-0.407200	-44.448091	
0.25000	-0.183466	-49.131475	-0.159705
-0.000862	-0.210689	-17.740294	
0.50000	-0.183466	-34.373351	-0.159705
-0.000862	-0.030464	-17.568767	
0.75000	-0.183466	-18.622616	-0.159705
-0.000862	-0.236484	-18.032566	
1.00000	-0.183466	-6.663175	-0.159705
-0.000862	-0.474489	-45.226221	

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.258730	0.122965	0.173370
4.75E-06	0.444183	5.075763	
0.25000	0.258730	0.131022	0.173370
4.75E-06	0.229556	5.203935	
0.50000	0.258730	0.150217	0.173370
4.75E-06	0.022040	5.322825	
0.75000	0.258730	0.171117	0.173370

4.75E-06	0.171844	5.418736	
1.00000	0.258730	0.189452	0.173370
4.75E-06	0.348357	5.506586	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086593	-0.213004	-0.142771
-0.000224	-0.357144	-1.486278	
0.25000	-0.086593	-0.194668	-0.142771
-0.000224	-0.180600	-1.571208	
0.50000	-0.086593	-0.173766	-0.142771
-0.000224	-0.004841	-1.683847	
0.75000	-0.086593	-0.154572	-0.142771
-0.000224	-0.196779	-1.796576	
1.00000	-0.086593	-0.146519	-0.142771
-0.000224	-0.411463	-1.937129	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.365791	0.551717	0.270238
0.000127	0.696759	10.243865	
0.25000	0.365791	0.785352	0.270238
0.000127	0.362349	11.079320	
0.50000	0.365791	1.342009	0.270238
0.000127	0.042296	11.617386	
0.75000	0.365791	1.948133	0.270238
0.000127	0.285690	11.404353	
1.00000	0.365791	2.479833	0.270238
0.000127	0.576441	10.923293	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153033	-2.512351	-0.235783
-0.000445	-0.589724	-3.834598	
0.25000	-0.153033	-1.980599	-0.235783
-0.000445	-0.298347	-3.234034	
0.50000	-0.153033	-1.374429	-0.235783
-0.000445	-0.009131	-3.429226	
0.75000	-0.153033	-0.817629	-0.235783
-0.000445	-0.304146	-3.632417	
1.00000	-0.153033	-0.584274	-0.235783
-0.000445	-0.638640	-4.636760	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420908	0.678198	0.300207
0.000333	0.786463	15.739825	
0.25000	0.420908	0.685449	0.300207
0.000333	0.415274	15.773944	
0.50000	0.420908	0.702724	0.300207
0.000333	0.061517	15.900734	
0.75000	0.420908	0.721535	0.300207
0.000333	0.301360	16.219109	
1.00000	0.420908	0.738036	0.300207
0.000333	0.607487	16.629018	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140021	-0.756607	-0.248245
-0.000602	-0.622249	-3.614575	
0.25000	-0.140021	-0.740104	-0.248245
-0.000602	-0.316471	-3.860426	
0.50000	-0.140021	-0.721292	-0.248245
-0.000602	-0.011816	-4.132135	
0.75000	-0.140021	-0.704018	-0.248245
-0.000602	-0.326091	-4.403466	
1.00000	-0.140021	-0.696770	-0.248245
-0.000602	-0.696905	-4.698190	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.404972	6.346155	0.326920
0.000490	0.857760	23.017029	
0.25000	0.404972	11.983613	0.326920
0.000490	0.460923	40.345587	
0.50000	0.404972	25.415367	0.326920
0.000490	0.089329	50.267844	
0.75000	0.404972	40.040716	0.326920
0.000490	0.336117	40.860813	
1.00000	0.404972	52.870265	0.326920
0.000490	0.656565	23.929648	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.175607	-52.881831	-0.267007
-0.000650	-0.677121	-33.723760	
0.25000	-0.175607	-40.051014	-0.267007
-0.000650	-0.348726	-14.677155	
0.50000	-0.175607	-25.424563	-0.267007
-0.000650	-0.024558	-14.827120	
0.75000	-0.175607	-11.994174	-0.267007
-0.000650	-0.368368	-15.173537	
1.00000	-0.175607	-6.358649	-0.267007
-0.000650	-0.770042	-34.848153	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.106773	0.295793	0.094142
0.000206	0.249823	6.216424	
0.25000	0.106773	0.303850	0.094142
0.000206	0.133775	6.260879	
0.50000	0.106773	0.323045	0.094142
0.000206	0.023974	6.337493	
0.75000	0.106773	0.343946	0.094142
0.000206	0.109239	6.411607	
1.00000	0.106773	0.362280	0.094142
0.000206	0.218212	6.499582	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059051	-0.363277	-0.088708
-0.000262	-0.221391	-1.386651	
0.25000	-0.059051	-0.344940	-0.088708
-0.000262	-0.114141	-1.460673	
0.50000	-0.059051	-0.324038	-0.088708
-0.000262	-0.004438	-1.561595	
0.75000	-0.059051	-0.304845	-0.088708
-0.000262	-0.100666	-1.662848	
1.00000	-0.059051	-0.296791	-0.088708
-0.000262	-0.215354	-1.792300	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.205667	8.934461	0.166422
0.000352	0.450587	19.955921	
0.25000	0.205667	7.514499	0.166422
0.000352	0.255929	46.426210	
0.50000	0.205667	37.957255	0.166422
0.000352	0.078613	61.513718	
0.75000	0.205667	60.216628	0.166422
0.000352	0.175783	46.686491	
1.00000	0.205667	79.742845	0.166422
0.000352	0.322175	20.518272	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060560	-79.741788	-0.130221
-0.000392	-0.341699	-48.006400	
0.25000	-0.060560	-60.213643	-0.130221
-0.000392	-0.181813	-18.768988	
0.50000	-0.060560	-37.952592	-0.130221
-0.000392	-0.026363	-18.748563	
0.75000	-0.060560	-17.511914	-0.130221
-0.000392	-0.188503	-19.027528	
1.00000	-0.060560	-8.934802	-0.130221
-0.000392	-0.390361	-48.723884	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.355836	8.169182	0.276282
0.000314	0.730866	22.237424	
0.25000	0.355836	15.934721	0.276282
0.000314	0.399045	46.281382	
0.50000	0.355836	34.436855	0.276282
0.000314	0.088856	60.019104	
0.75000	0.355836	54.583155	0.276282
0.000314	0.290060	46.667397	
1.00000	0.355836	72.255756	0.276282
0.000314	0.557034	23.053181	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114867	-72.273329	-0.226825
-0.000536	-0.581662	-44.588698	
0.25000	-0.114867	-54.598983	-0.226825
-0.000536	-0.302369	-18.212545	
0.50000	-0.114867	-34.451163	-0.226825
-0.000536	-0.027659	-18.285370	
0.75000	-0.114867	-15.950911	-0.226825
-0.000536	-0.311706	-18.626405	
1.00000	-0.114867	-8.188020	-0.226825
-0.000536	-0.650203	-45.592359	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.327199	5.470558	0.314670
0.000612	0.827099	23.244282	
0.25000	0.327199	10.153322	0.314670
0.000612	0.444870	37.594618	
0.50000	0.327199	21.310463	0.314670
0.000612	0.088275	45.839472	
0.75000	0.327199	33.459064	0.314670
0.000612	0.332519	38.027112	
1.00000	0.327199	44.115979	0.314670
0.000612	0.648818	24.105670	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199397	-44.114942	-0.263266
-0.000681	-0.664224	-28.682336	
0.25000	-0.199397	-33.456975	-0.263266
-0.000681	-0.340576	-12.906363	
0.50000	-0.199397	-21.307458	-0.263266
-0.000681	-0.022639	-13.076769	
0.75000	-0.199397	-10.151454	-0.263266
-0.000681	-0.352831	-13.417187	
1.00000	-0.199397	-5.470284	-0.263266
-0.000681	-0.739059	-29.799004	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.042574	0.414023	0.146044
0.000542	0.376305	8.900737	
0.25000	0.042574	0.422079	0.146044
0.000542	0.196719	8.899976	
0.50000	0.042574	0.441274	0.146044
0.000542	0.030777	8.932149	
0.75000	0.042574	0.462175	0.146044
0.000542	0.165499	9.039836	
1.00000	0.042574	0.480509	0.146044
0.000542	0.326376	9.181929	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.201174	-0.463698	-0.131265
-0.000347	-0.322607	-1.541956	
0.25000	-0.201174	-0.445362	-0.131265
-0.000347	-0.161678	-1.614894	
0.50000	-0.201174	-0.424460	-0.131265
-0.000347	-0.004940	-1.716267	
0.75000	-0.201174	-0.405267	-0.131265
-0.000347	-0.168220	-1.817498	
1.00000	-0.201174	-0.397213	-0.131265
-0.000347	-0.347614	-1.946400	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.122762	12.502926	0.228173
0.000661	0.598605	24.587163	
0.25000	0.122762	24.684164	0.228173
0.000661	0.332783	62.132319	
0.50000	0.122762	53.707118	0.228173
0.000661	0.094350	83.493888	
0.75000	0.122762	85.309158	0.228173
0.000661	0.354465	62.364799	
1.00000	0.122762	113.030886	0.228173
0.000661	0.464968	25.081436	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.231013	-113.017830	-0.186606
-0.000439	-0.482702	-67.033805	
0.25000	-0.231013	-85.293365	-0.186606
-0.000439	-0.253592	-25.429723	
0.50000	-0.231013	-53.688943	-0.186606
-0.000439	-0.033781	-25.305081	
0.75000	-0.231013	-24.668939	-0.186606
-0.000439	-0.280000	-25.605805	
1.00000	-0.231013	-12.491856	-0.186606
-0.000439	-0.556643	-67.671172	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193536	9.405811	0.267862
0.000811	0.709217	26.289749	
0.25000	0.193536	18.186453	0.267862
0.000811	0.390815	53.348061	
0.50000	0.193536	39.107166	0.267862
0.000811	0.099618	68.805888	
0.75000	0.193536	61.886970	0.267862
0.000811	0.290687	53.692068	
1.00000	0.193536	81.869715	0.267862
0.000811	0.547068	27.004744	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221664	-81.849327	-0.220198
-0.000618	-0.561398	-49.973427	
0.25000	-0.221664	-61.864608	-0.220198
-0.000618	-0.290987	-20.103830	
0.50000	-0.221664	-39.083087	-0.220198
-0.000618	-0.029746	-20.135203	
0.75000	-0.221664	-18.164501	-0.220198
-0.000618	-0.308796	-20.472572	
1.00000	-0.221664	-9.386853	-0.220198
-0.000618	-0.634852	-50.915075	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.276560	7.929142	0.317793
0.000708	0.835188	25.720000	
0.25000	0.276560	15.216132	0.317793
0.000708	0.452538	48.210850	
0.50000	0.276560	32.578078	0.317793
0.000708	0.098424	61.078992	
0.75000	0.276560	51.482869	0.317793
0.000708	0.347413	48.605920	
1.00000	0.276560	68.066403	0.317793
0.000708	0.668350	26.550809	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246898	-68.060629	-0.270402
-0.000684	-0.684890	-42.449887	
0.25000	-0.246898	-51.475458	-0.270402
-0.000684	-0.352284	-17.770977	
0.50000	-0.246898	-32.569241	-0.270402
-0.000684	-0.027960	-17.873843	
0.75000	-0.246898	-15.209080	-0.270402
-0.000684	-0.363167	-18.290863	
1.00000	-0.246898	-7.924554	-0.270402
-0.000684	-0.751865	-43.635413	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308025	10.874226	0.193268
0.000985	0.499591	26.681211	
0.25000	0.308025	31.929491	0.193268
0.000985	0.264338	79.942160	
0.50000	0.308025	59.679856	0.193268
0.000985	0.087638	101.370835	
0.75000	0.308025	85.681264	0.193268
0.000985	0.208156	80.181958	
1.00000	0.308025	112.936685	0.193268
0.000985	0.401886	26.982736	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191212	-112.934607	-0.159705
-0.000862	-0.407200	-75.037130	
0.25000	-0.191212	-85.679677	-0.159705
-0.000862	-0.210689	-27.744145	
0.50000	-0.191212	-59.678317	-0.159705
-0.000862	-0.042188	-27.203650	
0.75000	-0.191212	-31.928145	-0.159705
-0.000862	-0.236484	-27.782494	
1.00000	-0.191212	-10.857599	-0.159705
-0.000862	-0.474489	-75.454897	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420908	12.502926	0.326920
0.000811	0.857760	26.289749	
0.25000	0.420908	24.684164	0.326920
0.000811	0.460923	62.132319	
0.50000	0.420908	53.707118	0.326920
0.000811	0.099618	83.493888	
0.75000	0.420908	85.309158	0.326920
0.000811	0.347413	62.364799	
1.00000	0.420908	113.030886	0.326920
0.000811	0.668350	27.004744	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246898	-113.017830	-0.270402
-0.000684	-0.684890	-67.033805	
0.25000	-0.246898	-85.293365	-0.270402
-0.000684	-0.352284	-25.429723	
0.50000	-0.246898	-53.688943	-0.270402
-0.000684	-0.033781	-25.305081	
0.75000	-0.246898	-24.668939	-0.270402
-0.000684	-0.280000	-25.605805	
1.00000	-0.246898	-12.491856	-0.270402
-0.000684	-0.770042	-67.671172	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420908	12.502926	0.326920
0.000985	0.857760	26.681211	
0.25000	0.420908	31.929491	0.326920
0.000985	0.460923	79.942160	
0.50000	0.420908	59.679856	0.326920
0.000985	0.099618	101.370835	
0.75000	0.420908	85.681264	0.326920
0.000985	0.347413	80.181958	
1.00000	0.420908	113.030886	0.326920
0.000985	0.668350	27.004744	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246898	-113.017830	-0.270402
-0.000862	-0.684890	-75.037130	
0.25000	-0.246898	-85.679677	-0.270402
-0.000862	-0.352284	-27.744145	
0.50000	-0.246898	-59.678317	-0.270402
-0.000862	-0.042188	-27.203650	
0.75000	-0.246898	-31.928145	-0.270402
-0.000862	-0.368368	-27.782494	
1.00000	-0.246898	-12.491856	-0.270402
-0.000862	-0.770042	-75.454897	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420908	12.502926	0.326920
0.000985	0.857760	26.681211	
0.25000	0.420908	31.929491	0.326920
0.000985	0.460923	79.942160	
0.50000	0.420908	59.679856	0.326920
0.000985	0.099618	101.370835	
0.75000	0.420908	85.681264	0.326920
0.000985	0.347413	80.181958	
1.00000	0.420908	113.030886	0.326920
0.000985	0.668350	27.004744	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246898	-113.017830	-0.270402
-0.000862	-0.684890	-75.037130	
0.25000	-0.246898	-85.679677	-0.270402
-0.000862	-0.352284	-27.744145	
0.50000	-0.246898	-59.678317	-0.270402
-0.000862	-0.042188	-27.203650	
0.75000	-0.246898	-31.928145	-0.270402
-0.000862	-0.368368	-27.782494	
1.00000	-0.246898	-12.491856	-0.270402
-0.000862	-0.770042	-75.454897	

ELEM 450 ========== LENGTH = 4.943689

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.158502	0.147300	0.082955
0.000268	0.206021	4.291186	
0.25000	0.158502	0.171123	0.082955
0.000268	0.103501	4.259970	
0.50000	0.158502	0.202517	0.082955
0.000268	0.016619	4.201798	
0.75000	0.158502	0.231931	0.082955
0.000268	0.102150	4.103364	
1.00000	0.158502	0.262793	0.082955
0.000268	0.204644	3.982257	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063035	-0.181369	-0.082935
-5.54E-06	-0.205394	-1.493838	
0.25000	-0.063035	-0.150520	-0.082935
-5.54E-06	-0.102895	-1.512832	
0.50000	-0.063035	-0.121104	-0.082935
-5.54E-06	-0.005261	-1.585023	
0.75000	-0.063035	-0.089711	-0.082935
-5.54E-06	-0.101581	-1.658464	
1.00000	-0.063035	-0.065904	-0.082935
-5.54E-06	-0.204117	-1.784958	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.239353	0.711025	0.132801
0.000551	0.330190	9.140226	
0.25000	0.239353	1.378056	0.132801
0.000551	0.166232	10.530781	
0.50000	0.239353	2.257098	0.132801
0.000551	0.033123	10.991426	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.239353	3.080700	0.132801
0.000551	0.164341	10.225436	
1.00000	0.239353	3.944815	0.132801
0.000551	0.328609	8.538396	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.127791	-3.767756	-0.133010
-0.000140	-0.329901	-4.859765	
0.25000	-0.127791	-2.903271	-0.133010
-0.000140	-0.165539	-3.487581	
0.50000	-0.127791	-2.079624	-0.133010
-0.000140	-0.010443	-3.604875	
0.75000	-0.127791	-1.200602	-0.133010
-0.000140	-0.163155	-3.750422	
1.00000	-0.127791	-0.534023	-0.133010
-0.000140	-0.327329	-5.395007	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.290746	0.784953	0.135002
0.000755	0.335412	14.481903	
0.25000	0.290746	0.806393	0.135002
0.000755	0.169678	13.952517	
0.50000	0.290746	0.834648	0.135002
0.000755	0.048537	13.584781	
0.75000	0.290746	0.861121	0.135002
0.000755	0.186748	13.486823	
1.00000	0.290746	0.888896	0.135002
0.000755	0.358390	13.550194	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.104722	-0.607821	-0.139431
-0.000367	-0.334169	-3.549570	
0.25000	-0.104722	-0.580057	-0.139431
-0.000367	-0.167401	-3.686946	
0.50000	-0.104722	-0.553583	-0.139431
-0.000367	-0.012626	-3.872199	
0.75000	-0.104722	-0.525328	-0.139431
-0.000367	-0.165199	-4.058577	
1.00000	-0.104722	-0.503903	-0.139431
-0.000367	-0.332080	-4.292703	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.290093	7.098364	0.156800
0.000805	0.396079	24.312950	
0.25000	0.290093	19.730260	0.156800
0.000805	0.206972	56.290930	
0.50000	0.290093	36.377112	0.156800
0.000805	0.081261	68.651437	
0.75000	0.290093	51.974072	0.156800
0.000805	0.225252	55.701551	
1.00000	0.290093	68.338258	0.156800
0.000805	0.422706	23.232704	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.133782	-67.988543	-0.162779
-0.000570	-0.403690	-47.549733	
0.25000	-0.133782	-51.630804	-0.162779
-0.000570	-0.207516	-19.250733	
0.50000	-0.133782	-36.032990	-0.162779
-0.000570	-0.034789	-19.158726	
0.75000	-0.133782	-19.386513	-0.162779
-0.000570	-0.204036	-19.730128	
1.00000	-0.133782	-6.763177	-0.162779
-0.000570	-0.397860	-48.432791	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090200	0.350845	0.045232
0.000341	0.112351	5.989074	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.090200	0.374668	0.045232
0.000341	0.056401	5.770555	
0.50000	0.090200	0.406062	0.045232
0.000341	0.019607	5.610854	
0.75000	0.090200	0.435476	0.045232
0.000341	0.057388	5.565862	
1.00000	0.090200	0.466338	0.045232
0.000341	0.111514	5.599093	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.058282	-0.347117	-0.045237
-0.000229	-0.112006	-1.421629	
0.25000	-0.058282	-0.316268	-0.045237
-0.000229	-0.056176	-1.440154	

0.50000	-0.058282	-0.286852	-0.045237
-0.000229	-0.004835	-1.511875	
0.75000	-0.058282	-0.255459	-0.045237
-0.000229	-0.055344	-1.584848	
1.00000	-0.058282	-0.231652	-0.045237
-0.000229	-0.111301	-1.710873	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.179012	9.071289	0.070513
0.000507	0.185007	22.088480	
0.25000	0.179012	26.366444	0.070513
0.000507	0.104147	66.270584	
0.50000	0.179012	49.158740	0.070513
0.000507	0.074030	83.470855	
0.75000	0.179012	70.513560	0.070513
0.000507	0.130645	65.821525	
1.00000	0.179012	92.918838	0.070513
0.000507	0.223838	21.319677	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054166	-92.649878	-0.079502
-0.000402	-0.198942	-62.436964	
0.25000	-0.054166	-70.253426	-0.079502
-0.000402	-0.107232	-23.546192	
0.50000	-0.054166	-48.897438	-0.079502
-0.000402	-0.037931	-23.275461	
0.75000	-0.054166	-26.105656	-0.079502
-0.000402	-0.102103	-23.913045	
1.00000	-0.054166	-8.822220	-0.079502
-0.000402	-0.189272	-63.066982	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.268152	8.307845	0.126164
0.000677	0.322264	23.467406	
0.25000	0.268152	23.937806	0.126164
0.000677	0.171635	63.345677	
0.50000	0.268152	44.535636	0.126164
0.000677	0.080277	78.833425	
0.75000	0.268152	63.834393	0.126164
0.000677	0.194753	62.819120	
1.00000	0.268152	84.082469	0.126164
0.000677	0.355916	22.534329	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086819	-83.768807	-0.134080
-0.000351	-0.334508	-57.544906	
0.25000	-0.086819	-63.528706	-0.134080
-0.000351	-0.174358	-22.456560	
0.50000	-0.086819	-44.228895	-0.134080
-0.000351	-0.038390	-22.269880	
0.75000	-0.086819	-23.631529	-0.134080
-0.000351	-0.168681	-22.904061	
1.00000	-0.086819	-8.012160	-0.134080
-0.000351	-0.324661	-63.346202	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4632

FRAME ELEMENT INTERNAL FORCES

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243638	6.053251	0.158310
0.000855	0.398034	24.209099	
0.25000	0.243638	16.308849	0.158310
0.000855	0.206174	49.965586	
0.50000	0.243638	29.824115	0.158310
0.000855	0.078946	59.881604	
0.75000	0.243638	42.486984	0.158310
0.000855	0.223880	49.360627	
1.00000	0.243638	55.772768	0.158310
0.000855	0.422303	23.070637	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.148222	-55.400436	-0.163061
-0.000737	-0.402260	-39.334546	
0.25000	-0.148222	-42.119895	-0.163061
-0.000737	-0.205537	-16.402472	
0.50000	-0.148222	-29.456323	-0.163061
-0.000737	-0.030800	-16.371124	
0.75000	-0.148222	-15.941362	-0.163061
-0.000737	-0.204120	-16.878385	
1.00000	-0.148222	-5.692713	-0.163061
-0.000737	-0.399840	-40.224888	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041054	0.522559	0.094450
0.000405	0.233168	8.746141	
0.25000	0.041054	0.546382	0.094450
0.000405	0.114453	8.445924	
0.50000	0.041054	0.577776	0.094450
0.000405	0.025712	8.227456	
0.75000	0.041054	0.607191	0.094450
0.000405	0.115387	8.171850	
1.00000	0.041054	0.638052	0.094450
0.000405	0.229567	8.204499	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.137499	-0.470229	-0.092393
-0.000661	-0.227240	-1.548094	
0.25000	-0.137499	-0.439380	-0.092393
-0.000661	-0.113043	-1.583147	
0.50000	-0.137499	-0.409964	-0.092393
-0.000661	-0.005212	-1.671397	
0.75000	-0.137499	-0.378571	-0.092393
-0.000661	-0.117135	-1.760897	
1.00000	-0.137499	-0.354764	-0.092393
-0.000661	-0.233828	-1.903451	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115721	11.022821	0.132560
0.000555	0.341745	26.092565	
0.25000	0.115721	32.081935	0.132560
0.000555	0.185011	79.991212	
0.50000	0.115721	59.834537	0.132560
0.000555	0.085154	100.989070	
0.75000	0.115721	85.836826	0.132560
0.000555	0.195043	79.477040	
1.00000	0.115721	113.118183	0.132560
0.000555	0.360464	25.221453	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166416	-112.810899	-0.138261
-0.000830	-0.353777	-75.446982	
0.25000	-0.166416	-85.540287	-0.138261
-0.000830	-0.184273	-28.070675	
0.50000	-0.166416	-59.536577	-0.138261
-0.000830	-0.044057	-27.719323	
0.75000	-0.166416	-31.784600	-0.138261
-0.000830	-0.181624	-28.473963	
1.00000	-0.166416	-10.739756	-0.138261
-0.000830	-0.345135	-76.127302	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4633

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.174713	8.093913	0.141732
0.000777	0.358587	26.981260	
0.25000	0.174713	22.544658	0.141732
0.000777	0.188136	63.559679	
0.50000	0.174713	41.588468	0.141732
0.000777	0.086374	77.709356	
0.75000	0.174713	59.431215	0.141732
0.000777	0.210936	62.929282	
1.00000	0.174713	78.151658	0.141732
0.000777	0.388070	25.824104	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.156793	-77.764481	-0.146813
-0.000977	-0.364116	-53.483665	
0.25000	-0.156793	-59.051412	-0.146813
-0.000977	-0.188044	-21.070693	
0.50000	-0.156793	-41.207690	-0.146813
-0.000977	-0.036321	-20.925901	
0.75000	-0.156793	-22.164308	-0.146813
-0.000977	-0.188373	-21.540041	
1.00000	-0.156793	-7.723355	-0.146813
-0.000977	-0.363553	-54.336028	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222090	6.854327	0.166153
0.000875	0.418086	25.746866	
0.25000	0.222090	18.807280	0.166153
0.000875	0.217054	55.875080	
0.50000	0.222090	34.559393	0.166153
0.000875	0.083603	67.494007	
0.75000	0.222090	49.318045	0.166153
0.000875	0.235005	55.240995	
1.00000	0.222090	64.802684	0.166153
0.000875	0.442455	24.565115	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.175277	-64.410513	-0.170709
-0.000869	-0.422436	-45.209758	
0.25000	-0.175277	-48.931974	-0.170709
-0.000869	-0.216273	-18.449947	
0.50000	-0.175277	-34.172515	-0.170709
-0.000869	-0.033574	-18.381053	
0.75000	-0.175277	-18.429756	-0.170709
-0.000869	-0.215693	-18.939910	
1.00000	-0.175277	-6.475903	-0.170709
-0.000869	-0.421077	-46.118023	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.267113	0.202954	0.129634
0.000227	0.332942	5.466698	
0.25000	0.267113	0.211018	0.129634
0.000227	0.173683	5.429341	
0.50000	0.267113	0.230235	0.129634
0.000227	0.021895	5.386853	
0.75000	0.267113	0.251120	0.129634
0.000227	0.164675	5.318031	
1.00000	0.267113	0.269453	0.129634
0.000227	0.327568	5.242461	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099994	-0.142626	-0.132414
-4.48E-06	-0.329226	-1.896957	
0.25000	-0.099994	-0.124290	-0.132414
-4.48E-06	-0.167107	-1.972375	
0.50000	-0.099994	-0.103385	-0.132414
-4.48E-06	-0.006520	-2.077407	
0.75000	-0.099994	-0.084192	-0.132414
-4.48E-06	-0.148938	-2.181631	
1.00000	-0.099994	-0.076138	-0.132414
-4.48E-06	-0.309178	-2.313375	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4634

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.370099	0.702062	0.200935
0.000458	0.515811	10.864421	
0.25000	0.370099	0.935927	0.200935
0.000458	0.268899	11.419038	
0.50000	0.370099	1.492647	0.200935
0.000458	0.042003	11.686583	
0.75000	0.370099	2.098883	0.200935
0.000458	0.284701	11.210914	
1.00000	0.370099	2.630530	0.200935
0.000458	0.562800	10.437352	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.183125	-2.384465	-0.226110
-0.000120	-0.558454	-4.571921	
0.25000	-0.183125	-1.852708	-0.226110
-0.000120	-0.281069	-3.956486	
0.50000	-0.183125	-1.246467	-0.226110
-0.000120	-0.012059	-4.140656	
0.75000	-0.183125	-0.689875	-0.226110
-0.000120	-0.231317	-4.333483	
1.00000	-0.183125	-0.456312	-0.226110
-0.000120	-0.479038	-5.324347	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420853	0.887927	0.205167
0.000630	0.532047	16.571202	
0.25000	0.420853	0.895185	0.205167
0.000630	0.280778	16.202489	
0.50000	0.420853	0.912463	0.205167
0.000630	0.060962	15.919864	
0.75000	0.420853	0.931277	0.205167
0.000630	0.316630	15.834100	
1.00000	0.420853	0.947776	0.205167
0.000630	0.617040	15.844870	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.163732	-0.575148	-0.244130
-0.000317	-0.595698	-4.631913	
0.25000	-0.163732	-0.558646	-0.244130
-0.000317	-0.298354	-4.865712	
0.50000	-0.163732	-0.539831	-0.244130
-0.000317	-0.015764	-5.123066	
0.75000	-0.163732	-0.522558	-0.244130
-0.000317	-0.231526	-5.381099	
1.00000	-0.163732	-0.515309	-0.244130
-0.000317	-0.483819	-5.663079	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.411185	6.587692	0.231111
0.000666	0.598576	23.889764	
0.25000	0.411185	12.230664	0.231111
0.000666	0.322833	40.782141	
0.50000	0.411185	25.663936	0.231111
0.000666	0.088754	50.253697	
0.75000	0.411185	40.292005	0.231111
0.000666	0.364992	40.339117	
1.00000	0.411185	53.120269	0.231111
0.000666	0.692842	23.050326	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191348	-52.683764	-0.272158
-0.000478	-0.671202	-34.800063	
0.25000	-0.191348	-39.852230	-0.272158
-0.000478	-0.339702	-15.719103	
0.50000	-0.191348	-25.224060	-0.272158
-0.000478	-0.028804	-15.928577	
0.75000	-0.191348	-11.793888	-0.272158
-0.000478	-0.275588	-16.342693	
1.00000	-0.191348	-6.158178	-0.272158
-0.000478	-0.559354	-36.017943	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4635

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100963	0.377107	0.065302
0.000274	0.169520	6.482965	
0.25000	0.100963	0.385172	0.065302
0.000274	0.089431	6.403982	
0.50000	0.100963	0.404369	0.065302
0.000274	0.023778	6.324061	
0.75000	0.100963	0.425274	0.065302
0.000274	0.117790	6.268701	
1.00000	0.100963	0.443606	0.065302
0.000274	0.229930	6.204205	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074417	-0.297537	-0.091340
-0.000194	-0.222850	-1.769110	
0.25000	-0.074417	-0.279201	-0.091340
-0.000194	-0.110812	-1.838031	
0.50000	-0.074417	-0.258296	-0.091340
-0.000194	-0.005830	-1.934902	
0.75000	-0.074417	-0.239103	-0.091340
-0.000194	-0.073679	-2.031892	
1.00000	-0.074417	-0.231049	-0.091340
-0.000194	-0.153648	-2.156341	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.203520	9.098619	0.102212
0.000409	0.271797	20.500987	
0.25000	0.203520	17.688282	0.102212
0.000409	0.157809	46.673517	
0.50000	0.203520	38.133347	0.102212
0.000409	0.078145	61.480431	
0.75000	0.203520	60.396860	0.102212
0.000409	0.237686	46.372655	
1.00000	0.203520	79.921121	0.102212
0.000409	0.372499	19.932942	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071909	-79.608192	-0.142487
-0.000334	-0.356738	-48.695605	
0.25000	-0.071909	-60.079869	-0.142487
-0.000334	-0.185499	-19.415725	
0.50000	-0.071909	-37.816202	-0.142487
-0.000334	-0.029099	-19.494794	
0.75000	-0.071909	-17.375833	-0.142487
-0.000334	-0.129743	-19.886320	
1.00000	-0.071909	-8.798459	-0.142487
-0.000334	-0.254077	-49.593408	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.354730	8.387811	0.186945
0.000560	0.487770	23.009264	
0.25000	0.354730	16.160975	0.186945
0.000560	0.267866	46.664693	
0.50000	0.354730	34.665198	0.186945
0.000560	0.088411	60.030080	
0.75000	0.354730	54.815245	0.186945
0.000560	0.319370	46.303791	
1.00000	0.354730	72.486076	0.186945
0.000560	0.595139	22.319527	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.134674	-72.097645	-0.232747
-0.000289	-0.579299	-45.536120	
0.25000	-0.134674	-54.423138	-0.232747
-0.000289	-0.329490	-19.117693	
0.50000	-0.134674	-34.272951	-0.232747
-0.000289	-0.031393	-19.271389	
0.75000	-0.134674	-15.772996	-0.232747
-0.000289	-0.226407	-19.707656	
1.00000	-0.134674	-8.009850	-0.232747
-0.000289	-0.455604	-46.676700	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4636

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.328429	5.719382	0.226909
0.000699	0.585901	24.082284	
0.25000	0.328429	10.406747	0.226909
0.000699	0.313165	37.991786	
0.50000	0.328429	21.565145	0.226909
0.000699	0.087438	45.778331	
0.75000	0.328429	33.716006	0.226909
0.000699	0.369863	37.513013	
1.00000	0.328429	44.371853	0.226909
0.000699	0.701042	23.165483	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.205848	-43.913486	-0.274725
-0.000604	-0.673140	-29.767447	
0.25000	-0.205848	-33.255423	-0.274725
-0.000604	-0.338430	-13.966038	
0.50000	-0.205848	-21.104478	-0.274725
-0.000604	-0.026767	-14.188318	
0.75000	-0.205848	-9.948654	-0.274725
-0.000604	-0.270736	-14.579900	
1.00000	-0.205848	-5.267330	-0.274725
-0.000604	-0.549105	-30.971689	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051358	0.522414	0.124992
0.000339	0.315579	9.203751	
0.25000	0.051358	0.530478	0.124992
0.000339	0.162089	9.001838	
0.50000	0.051358	0.549675	0.124992
0.000339	0.030404	8.835252	
0.75000	0.051358	0.570580	0.124992
0.000339	0.187693	8.748057	
1.00000	0.051358	0.588912	0.124992
0.000339	0.363308	8.698190	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.187235	-0.383262	-0.142984
-0.000555	-0.343883	-1.973282	
0.25000	-0.187235	-0.364925	-0.142984
-0.000555	-0.168441	-2.053943	
0.50000	-0.187235	-0.344020	-0.142984
-0.000555	-0.006528	-2.166914	
0.75000	-0.187235	-0.324827	-0.142984
-0.000555	-0.150808	-2.271513	
1.00000	-0.187235	-0.316774	-0.142984
-0.000555	-0.304492	-2.404235	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.141392	12.691732	0.180849
0.000435	0.464900	25.105619	
0.25000	0.141392	24.884929	0.180849
0.000435	0.259309	62.339505	
0.50000	0.141392	53.911162	0.180849
0.000435	0.093921	83.393512	
0.75000	0.141392	85.519079	0.180849
0.000435	0.300278	81.952212	
1.00000	0.141392	113.238030	0.180849
0.000435	0.544121	24.399369	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.218518	-112.883504	-0.210527
-0.000672	-0.525790	-67.698580	
0.25000	-0.218518	-85.158786	-0.210527
-0.000672	-0.269013	-26.047865	
0.50000	-0.218518	-53.550650	-0.210527
-0.000672	-0.036537	-26.099790	
0.75000	-0.218518	-24.531113	-0.210527
-0.000672	-0.238641	-26.553317	
1.00000	-0.218518	-12.353630	-0.210527
-0.000672	-0.460481	-68.647203	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4637

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201392	9.643612	0.196551
0.000622	0.507770	27.016808	
0.25000	0.201392	18.432875	0.196551
0.000622	0.278513	53.644179	
0.50000	0.201392	39.355952	0.196551
0.000622	0.099260	68.681318	
0.75000	0.201392	62.139992	0.196551
0.000622	0.341408	53.145239	
1.00000	0.201392	82.120736	0.196551
0.000622	0.627741	26.065923	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210188	-81.665064	-0.242650
-0.000800	-0.597831	-50.924041	
0.25000	-0.210188	-61.680164	-0.242650
-0.000800	-0.303024	-21.020786	
0.50000	-0.210188	-38.895966	-0.242650
-0.000800	-0.033481	-21.162105	
0.75000	-0.210188	-17.977716	-0.242650
-0.000800	-0.246280	-21.623377	
1.00000	-0.210188	-9.199780	-0.242650
-0.000800	-0.487045	-52.085513	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.281674	8.185496	0.234801
0.000696	0.605353	26.540284	
0.25000	0.281674	15.479341	0.234801
0.000696	0.326422	48.571632	
0.50000	0.281674	32.843248	0.234801
0.000696	0.097877	60.995412	
0.75000	0.281674	51.751556	0.234801
0.000696	0.392202	48.001673	
1.00000	0.281674	68.333428	0.234801
0.000696	0.735975	25.591079	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250982	-67.859753	-0.287578
-0.000697	-0.708010	-43.620827	
0.25000	-0.250982	-51.274431	-0.287578
-0.000697	-0.357221	-18.878970	
0.50000	-0.250982	-32.365992	-0.287578
-0.000697	-0.032100	-19.070971	
0.75000	-0.250982	-15.006091	-0.287578
-0.000697	-0.287003	-19.528349	
1.00000	-0.250982	-7.721346	-0.287578
-0.000697	-0.575175	-44.883217	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.290746	11.022821	0.166153
0.000875	0.418086	26.981260	
0.25000	0.290746	32.081935	0.166153
0.000875	0.217054	79.991212	
0.50000	0.290746	59.834537	0.166153
0.000875	0.086374	100.989070	
0.75000	0.290746	85.836826	0.166153
0.000875	0.235005	79.477040	
1.00000	0.290746	113.118183	0.166153
0.000875	0.442455	25.824104	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.175277	-112.810899	-0.170709
-0.000977	-0.422436	-75.446982	
0.25000	-0.175277	-85.540287	-0.170709
-0.000977	-0.216273	-28.070675	
0.50000	-0.175277	-59.536577	-0.170709
-0.000977	-0.044057	-27.719323	
0.75000	-0.175277	-31.784600	-0.170709
-0.000977	-0.215693	-28.473963	
1.00000	-0.175277	-10.739756	-0.170709
-0.000977	-0.421077	-76.127302	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4638

FRAME ELEMENT INTERNAL FORCES

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420853	12.691732	0.234801
0.000699	0.605353	27.016808	
0.25000	0.420853	24.884929	0.234801
0.000699	0.326422	62.339505	
0.50000	0.420853	53.911162	0.234801
0.000699	0.099260	83.393512	
0.75000	0.420853	85.519079	0.234801
0.000699	0.392202	81.952212	
1.00000	0.420853	113.238030	0.234801
0.000699	0.735975	26.065923	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250982	-112.883504	-0.287578
-0.000800	-0.708010	-67.698580	
0.25000	-0.250982	-85.158786	-0.287578
-0.000800	-0.357221	-26.047865	
0.50000	-0.250982	-53.550650	-0.287578
-0.000800	-0.036537	-26.099790	
0.75000	-0.250982	-24.531113	-0.287578
-0.000800	-0.287003	-26.553317	
1.00000	-0.250982	-12.353630	-0.287578
-0.000800	-0.575175	-68.647203	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420853	12.691732	0.234801
0.000875	0.605353	27.016808	
0.25000	0.420853	32.081935	0.234801
0.000875	0.326422	79.991212	
0.50000	0.420853	59.834537	0.234801
0.000875	0.099260	100.989070	
0.75000	0.420853	85.836826	0.234801
0.000875	0.392202	79.477040	
1.00000	0.420853	113.238030	0.234801
0.000875	0.735975	26.065923	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250982	-112.883504	-0.287578
-0.000977	-0.708010	-75.446982	
0.25000	-0.250982	-85.540287	-0.287578
-0.000977	-0.357221	-28.070675	
0.50000	-0.250982	-59.536577	-0.287578
-0.000977	-0.044057	-27.719323	
0.75000	-0.250982	-31.784600	-0.287578
-0.000977	-0.287003	-28.473963	
1.00000	-0.250982	-12.353630	-0.287578
-0.000977	-0.575175	-76.127302	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.420853	12.691732	0.234801
0.000875	0.605353	27.016808	
0.25000	0.420853	32.081935	0.234801
0.000875	0.326422	79.991212	
0.50000	0.420853	59.834537	0.234801
0.000875	0.099260	100.989070	
0.75000	0.420853	85.836826	0.234801
0.000875	0.392202	79.477040	
1.00000	0.420853	113.238030	0.234801
0.000875	0.735975	26.065923	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250982	-112.883504	-0.287578
-0.000977	-0.708010	-75.446982	
0.25000	-0.250982	-85.540287	-0.287578
-0.000977	-0.357221	-28.070675	
0.50000	-0.250982	-59.536577	-0.287578
-0.000977	-0.044057	-27.719323	
0.75000	-0.250982	-31.784600	-0.287578
-0.000977	-0.287003	-28.473963	
1.00000	-0.250982	-12.353630	-0.287578
-0.000977	-0.575175	-76.127302	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4639

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 451 ========== LENGTH = 4.942152

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137824	0.233147	0.080609
0.000507	0.200352	3.966221	
0.25000	0.137824	0.256999	0.080609
0.000507	0.100756	3.806040	
0.50000	0.137824	0.288390	0.080609
0.000507	0.014389	3.621462	
0.75000	0.137824	0.317801	0.080609
0.000507	0.101600	3.401184	
1.00000	0.137824	0.348643	0.080609
0.000507	0.203350	3.159774	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071505	-0.152830	-0.082367
-3.09E-06	-0.203778	-1.777966	
0.25000	-0.071505	-0.122010	-0.082367
-3.09E-06	-0.102018	-1.782867	
0.50000	-0.071505	-0.092597	-0.082367
-3.09E-06	-0.006305	-1.841036	
0.75000	-0.071505	-0.061207	-0.082367
-3.09E-06	-0.098450	-1.900391	
1.00000	-0.071505	-0.037395	-0.082367
-3.09E-06	-0.198056	-2.012789	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.214721	0.863721	0.128907
0.000911	0.320440	8.522776	
0.25000	0.214721	1.531577	0.128907
0.000911	0.161497	9.681694	
0.50000	0.214721	2.410511	0.128907
0.000911	0.029194	9.915216	
0.75000	0.214721	3.234019	0.128907
0.000911	0.171850	8.895434	
1.00000	0.214721	4.097594	0.128907
0.000911	0.335487	6.987551	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.144850	-3.684103	-0.134413
-2.82E-05	-0.331210	-5.382646	
0.25000	-0.144850	-2.821131	-0.134413
-2.82E-05	-0.176159	-3.990587	
0.50000	-0.144850	-1.997587	-0.134413
-2.82E-05	-0.012326	-4.090020	
0.75000	-0.144850	-1.118672	-0.134413
-2.82E-05	-0.158122	-4.222662	
1.00000	-0.144850	-0.451930	-0.134413
-2.82E-05	-0.317419	-5.840544	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.267640	0.996687	0.131121
0.001067	0.325890	13.561822	
0.25000	0.267640	1.018154	0.131121
0.001067	0.163874	12.685471	
0.50000	0.267640	1.046405	0.131121
0.001067	0.043076	11.994719	
0.75000	0.267640	1.072875	0.131121
0.001067	0.228453	11.559885	
1.00000	0.267640	1.100633	0.131121
0.001067	0.438867	11.325084	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117773	-0.478522	-0.171927
-0.000260	-0.412304	-4.280700	
0.25000	-0.117773	-0.450783	-0.171927
-0.000260	-0.200219	-4.399723	
0.50000	-0.117773	-0.424312	-0.171927
-0.000260	-0.015149	-4.566687	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4640

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.117773	-0.396061	-0.171927
-0.000260	-0.160122	-4.734721	
1.00000	-0.117773	-0.374630	-0.171927
-0.000260	-0.322157	-4.950500	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.272434	7.320137	0.149593
0.000993	0.373417	23.271152	
0.25000	0.272434	19.967657	0.149593
0.000993	0.195298	54.829330	
0.50000	0.272434	36.612477	0.149593
0.000993	0.075332	66.837001	
0.75000	0.272434	52.207653	0.149593
0.000993	0.273018	53.439071	
1.00000	0.272434	68.561606	0.149593
0.000993	0.509429	20.715599	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.142729	-67.815547	-0.197704
-0.000556	-0.488662	-48.402149	
0.25000	-0.142729	-51.473020	-0.197704
-0.000556	-0.244938	-20.110319	
0.50000	-0.142729	-35.877146	-0.197704
-0.000556	-0.037849	-20.063635	
0.75000	-0.142729	-19.232686	-0.197704
-0.000556	-0.195667	-20.648833	
1.00000	-0.142729	-6.606263	-0.197704
-0.000556	-0.380545	-49.354790	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088291	0.432007	0.043988
0.000439	0.109317	5.607655	
0.25000	0.088291	0.455859	0.043988
0.000439	0.054949	5.268484	
0.50000	0.088291	0.487249	0.043988
0.000439	0.017596	4.986739	
0.75000	0.088291	0.516660	0.043988
0.000439	0.082093	4.792611	
1.00000	0.088291	0.547502	0.043988
0.000439	0.151504	4.689691	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067396	-0.288067	-0.057843
-9.63E-05	-0.136054	-1.706751	
0.25000	-0.067396	-0.257246	-0.057843
-9.63E-05	-0.064742	-1.720350	
0.50000	-0.067396	-0.227834	-0.057843
-9.63E-05	-0.005778	-1.787235	
0.75000	-0.067396	-0.196444	-0.057843
-9.63E-05	-0.053758	-1.855306	
1.00000	-0.067396	-0.172632	-0.057843
-9.63E-05	-0.108132	-1.976422	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.177006	9.207251	0.062787
0.000573	0.159241	21.372565	
0.25000	0.177006	26.523799	0.062787
0.000573	0.090883	65.266977	
0.50000	0.177006	49.313313	0.062787
0.000573	0.070169	82.230473	
0.75000	0.177006	70.665690	0.062787
0.000573	0.189583	64.209638	
1.00000	0.177006	93.056958	0.062787
0.000573	0.337986	19.592833	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060496	-92.502846	-0.125802
-0.000282	-0.311533	-63.032954	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4641

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.060496	-70.127272	-0.125802
-0.000282	-0.156823	-24.162813	
0.50000	-0.060496	-48.773890	-0.125802
-0.000282	-0.040149	-23.964954	
0.75000	-0.060496	-25.984869	-0.125802
-0.000282	-0.093496	-24.628136	
1.00000	-0.060496	-8.697207	-0.125802
-0.000282	-0.171086	-63.801507	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.253861	8.499199	0.117411
0.000934	0.294683	22.577729	
0.25000	0.253861	24.148493	0.117411
0.000934	0.157933	62.077402	
0.50000	0.253861	44.743809	0.117411
0.000934	0.075055	77.243348	
0.75000	0.253861	64.040358	0.117411
0.000934	0.246960	60.796968	
1.00000	0.253861	84.257779	0.117411
0.000934	0.457882	20.310536	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097350	-83.601807	-0.175553
-0.000255	-0.434669	-58.310168	
0.25000	-0.097350	-63.380630	-0.175553
-0.000255	-0.218387	-23.230226	
0.50000	-0.097350	-44.083219	-0.175553
-0.000255	-0.041197	-23.099167	
0.75000	-0.097350	-23.488347	-0.175553
-0.000255	-0.156584	-23.746240	
1.00000	-0.097350	-7.865158	-0.175553
-0.000255	-0.303676	-59.195704	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.236185	6.281564	0.152921
0.000898	0.380735	23.113196	
0.25000	0.236185	16.549848	0.152921
0.000898	0.197235	48.436046	
0.50000	0.236185	30.063464	0.152921
0.000898	0.072954	57.982753	
0.75000	0.236185	42.724894	0.152921
0.000898	0.267926	47.015943	
1.00000	0.236185	56.002361	0.152921
0.000898	0.508262	20.451896	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.150588	-55.210135	-0.197946
-0.000787	-0.486612	-40.200490	
0.25000	-0.150588	-41.941944	-0.197946
-0.000787	-0.242507	-17.279547	
0.50000	-0.150588	-29.279948	-0.197946
-0.000787	-0.033770	-17.299308	
0.75000	-0.150588	-15.766624	-0.197946
-0.000787	-0.197936	-17.811647	
1.00000	-0.150588	-5.515469	-0.197946
-0.000787	-0.386897	-41.168573	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048038	0.624010	0.095740
0.000184	0.235964	8.210417	
0.25000	0.048038	0.647862	0.095740
0.000184	0.117672	7.737983	
0.50000	0.048038	0.679253	0.095740
0.000184	0.023184	7.349903	
0.75000	0.048038	0.708664	0.095740
0.000184	0.119266	7.123426	
1.00000	0.048038	0.739506	0.095740
0.000184	0.237145	7.011388	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4642

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.124311	-0.385532	-0.095420
-0.000878	-0.234476	-1.905287	
0.25000	-0.124311	-0.354712	-0.095420
-0.000878	-0.116573	-1.953370	
0.50000	-0.124311	-0.325299	-0.095420
-0.000878	-0.006293	-2.054720	
0.75000	-0.124311	-0.293910	-0.095420
-0.000878	-0.118916	-2.157256	
1.00000	-0.124311	-0.270097	-0.095420
-0.000878	-0.237221	-2.312836	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.125069	11.166947	0.124685
0.000286	0.311342	25.270062	
0.25000	0.125069	32.252111	0.124685
0.000286	0.168606	78.842495	
0.50000	0.125069	60.001325	0.124685
0.000286	0.081109	99.578742	
0.75000	0.125069	86.000538	0.124685
0.000286	0.222372	77.666019	
1.00000	0.125069	113.264937	0.124685
0.000286	0.414787	23.306491	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.155331	-112.644602	-0.160597
-0.001072	-0.410839	-76.093676	
0.25000	-0.155331	-85.399351	-0.160597
-0.001072	-0.212873	-28.762435	
0.50000	-0.155331	-59.398876	-0.160597
-0.001072	-0.046403	-28.519753	
0.75000	-0.155331	-31.650261	-0.160597
-0.001072	-0.175118	-29.325491	
1.00000	-0.155331	-10.600270	-0.160597
-0.001072	-0.329191	-77.022424	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.181078	8.300186	0.137027
0.000578	0.341230	25.880442	
0.25000	0.181078	22.768806	0.137027
0.000578	0.179623	62.049141	
0.50000	0.181078	41.810292	0.137027
0.000578	0.080817	75.839892	
0.75000	0.181078	59.650997	0.137027
0.000578	0.265402	60.607573	
1.00000	0.181078	78.359734	0.137027
0.000578	0.497136	23.283329	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.145810	-77.562210	-0.191278
-0.001149	-0.407751	-54.311489	
0.25000	-0.145810	-58.866544	-0.191278
-0.001149	-0.235071	-21.929547	
0.50000	-0.145810	-41.025041	-0.191278
-0.001149	-0.039153	-21.860740	
0.75000	-0.145810	-21.983967	-0.191278
-0.001149	-0.183386	-22.511358	
1.00000	-0.145810	-7.539482	-0.191278
-0.001149	-0.352708	-55.338672	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220700	7.083543	0.160948
0.000819	0.400545	24.606925	
0.25000	0.220700	19.051282	0.160948
0.000819	0.208044	54.302317	
0.50000	0.220700	34.801472	0.160948
0.000819	0.077570	65.535492	
0.75000	0.220700	49.558435	0.160948
0.000819	0.280836	52.809196	
1.00000	0.220700	65.033392	0.160948
0.000819	0.531420	21.862540	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4643

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.172420	-64.203714	-0.206775
-0.000956	-0.509752	-46.092773	
0.25000	-0.172420	-48.739569	-0.206775
-0.000956	-0.254781	-19.352448	
0.50000	-0.172420	-33.981946	-0.206775
-0.000956	-0.036590	-19.339144	
0.75000	-0.172420	-18.232096	-0.206775
-0.000956	-0.209865	-19.920919	
1.00000	-0.172420	-6.284321	-0.206775
-0.000956	-0.408736	-47.117691	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.262635	0.309085	0.112157
0.000467	0.260019	5.196384	
0.25000	0.262635	0.311148	0.112157
0.000467	0.141206	4.998752	
0.50000	0.262635	0.336345	0.112157
0.000467	0.019223	4.794301	
0.75000	0.262635	0.357246	0.112157
0.000467	0.182784	4.564242	
1.00000	0.262635	0.375560	0.112157
0.000467	0.359580	4.326990	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.113644	-0.110872	-0.143312
-3.00E-06	-0.349050	-2.275941	
0.25000	-0.113644	-0.092537	-0.143312
-3.00E-06	-0.172269	-2.334696	
0.50000	-0.113644	-0.071637	-0.143312
-3.00E-06	-0.008112	-2.421269	
0.75000	-0.113644	-0.052448	-0.143312
-3.00E-06	-0.134809	-2.508059	
1.00000	-0.113644	-0.044395	-0.143312
-3.00E-06	-0.273575	-2.622247	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.366213	0.889496	0.174570
0.000814	0.435064	10.383086	
0.25000	0.366213	1.123315	0.174570
0.000814	0.220026	10.616033	
0.50000	0.366213	1.680035	0.174570
0.000814	0.037297	10.590004	
0.75000	0.366213	2.286147	0.174570
0.000814	0.325323	9.816821	
1.00000	0.366213	2.817860	0.174570
0.000814	0.634762	8.759155	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.201725	-2.308321	-0.251813
-2.44E-05	-0.610828	-5.264444	
0.25000	-0.201725	-1.776627	-0.251813
-2.44E-05	-0.300011	-4.623857	
0.50000	-0.201725	-1.170525	-0.251813
-2.44E-05	-0.014747	-4.784378	
0.75000	-0.201725	-0.614020	-0.251813
-2.44E-05	-0.210211	-4.952657	
1.00000	-0.201725	-0.380505	-0.251813
-2.44E-05	-0.426091	-5.918680	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.415601	1.147753	0.170584
0.000939	0.427727	15.824944	
0.25000	0.415601	1.155009	0.170584
0.000939	0.217359	15.042260	
0.50000	0.415601	1.172287	0.170584
0.000939	0.054785	14.329984	
0.75000	0.415601	1.191097	0.170584
0.000939	0.387898	13.827355	
1.00000	0.415601	1.207598	0.170584
0.000939	0.744722	13.434798	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4644

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178748	-0.452140	-0.291167
-0.000232	-0.698245	-5.606096	
0.25000	-0.178748	-0.435639	-0.291167
-0.000232	-0.338775	-5.816308	
0.50000	-0.178748	-0.416829	-0.291167
-0.000232	-0.019388	-6.051153	
0.75000	-0.178748	-0.399556	-0.291167
-0.000232	-0.207487	-6.287111	
1.00000	-0.178748	-0.392311	-0.291167
-0.000232	-0.416604	-6.547203	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.410453	6.876521	0.200748
0.000875	0.496890	23.061297	
0.25000	0.410453	12.518418	0.200748
0.000875	0.258902	39.445773	
0.50000	0.410453	25.951697	0.200748
0.000875	0.082080	48.459658	
0.75000	0.410453	40.576756	0.200748
0.000875	0.454772	38.074557	
1.00000	0.410453	53.406629	0.200748
0.000875	0.854111	20.373674	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.204255	-52.518810	-0.331630
-0.000490	-0.799120	-35.965346	
0.25000	-0.204255	-39.689403	-0.331630
-0.000490	-0.391740	-16.884961	
0.50000	-0.204255	-25.064576	-0.331630
-0.000490	-0.033151	-17.129830	
0.75000	-0.204255	-11.636495	-0.331630
-0.000490	-0.259613	-17.564968	
1.00000	-0.204255	-6.001947	-0.331630
-0.000490	-0.506151	-37.251446	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.101690	0.475954	0.054714
0.000361	0.136826	6.205788	
0.25000	0.101690	0.484016	0.054714
0.000361	0.069551	5.941228	
0.50000	0.101690	0.503214	0.054714
0.000361	0.021428	5.709325	
0.75000	0.101690	0.524114	0.054714
0.000361	0.149250	5.497298	
1.00000	0.101690	0.542449	0.054714
0.000361	0.286093	5.283609	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077897	-0.247961	-0.111495
-0.000100	-0.265503	-2.137329	
0.25000	-0.077897	-0.229627	-0.111495
-0.000100	-0.128058	-2.200761	
0.50000	-0.077897	-0.208727	-0.111495
-0.000100	-0.007201	-2.291787	
0.75000	-0.077897	-0.189537	-0.111495
-0.000100	-0.065486	-2.382900	
1.00000	-0.077897	-0.181485	-0.111495
-0.000100	-0.133037	-2.501771	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204283	9.285280	0.080350
0.000468	0.199348	19.966561	
0.25000	0.204283	17.872730	0.080350
0.000468	0.115087	45.761751	
0.50000	0.204283	38.317807	0.080350
0.000468	0.073946	60.280885	
0.75000	0.204283	60.576739	0.080350
0.000468	0.279027	44.854852	
1.00000	0.204283	80.103449	0.080350
0.000468	0.501510	18.167182	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4645

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074930	-79.470132	-0.191400
-0.000246	-0.463276	-49.548850	
0.25000	-0.074930	-59.944132	-0.191400
-0.000246	-0.230437	-20.285404	
0.50000	-0.074930	-37.685552	-0.191400
-0.000246	-0.032224	-20.435275	
0.75000	-0.074930	-17.248387	-0.191400

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-0.000246   -0.117386   -20.873839
 1.00000    -0.074930    -8.672762    -0.191400
-0.000246   -0.213955   -50.613058

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.352799     8.639275    0.155452
 0.000790   0.386398    22.320981
 0.25000    0.352799    16.410942    0.155452
 0.000790   0.377725    45.489992
 0.50000    0.352799    34.915176    0.155452
 0.000790   0.082383    58.463417
 0.75000    0.352799    55.061077    0.155452
 0.000790   0.399381    44.326891
 1.00000    0.352799    72.734125    0.155452
 0.000790   0.742336    19.994678

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.143972   -71.940805    -0.287947
-0.000223  -0.697600   -46.607879
 0.25000   -0.143972   -54.268400    -0.287947
-0.000223  -0.345339   -20.276755
 0.50000   -0.143972   -34.122818    -0.287947
-0.000223  -0.035405   -20.481298
 0.75000   -0.143972   -15.625745    -0.287947
-0.000223  -0.205859   -21.092437
 1.00000   -0.143972    -7.864200    -0.287947
-0.000223  -0.395688   -48.082283

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.328526     6.015266    0.202525
 0.000785   0.499023    23.197503
 0.25000    0.328526    10.701729    0.202525
 0.000785   0.257348    36.591781
 0.50000    0.328526    21.860133    0.202525
 0.000785   0.080915    43.898086
 0.75000    0.328526    34.008494    0.202525
 0.000785   0.465559    35.152910
 1.00000    0.328526    44.665677    0.202525
 0.000785   0.876879    20.378915

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.208556   -43.736333    -0.339923
-0.000691  -0.813595   -30.940746
 0.25000   -0.208556   -33.079537    -0.339923
-0.000691  -0.396651   -15.216095
 0.50000   -0.208556   -20.931369    -0.339923
-0.000691  -0.031037   -15.474480
 0.75000   -0.208556    -8.777282    -0.339923
-0.000691  -0.262378   -16.011113
 1.00000   -0.208556    -5.096924    -0.339923
-0.000691  -0.511019   -32.422163

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.060240    0.656985    0.127478
 0.000176   0.308144    8.732805
 0.25000    0.060240    0.665048    0.127478
 0.000176   0.151696    8.319673
 0.50000    0.060240    0.684245    0.127478
 0.000176   0.027784    7.944464
 0.75000    0.060240    0.705146    0.127478
 0.000176   0.234096    7.649088
 1.00000    0.060240    0.723481    0.127478
 0.000176   0.449126    7.393429
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4646

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.179895   -0.303271    -0.174401
-0.000787  -0.411181   -2.437715
 0.25000   -0.179895   -0.284937    -0.174401
-0.000787  -0.197299   -2.539926
 0.50000   -0.179895   -0.264037    -0.174401
-0.000787  -0.008131   -2.662882
 0.75000   -0.179895   -0.244847    -0.174401
-0.000787   0.183950   -2.786478
 1.00000   -0.179895   -0.236795    -0.174401
-0.000787  -0.321756   -2.937590

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.154956    12.903960    0.176832
 0.000250   0.425026    24.461602
 0.25000    0.154956    25.094811    0.176832
 0.000250   0.227859    61.257693
 0.50000    0.154956    54.121060    0.176832
 0.000250   0.089339    82.007943
 0.75000    0.154956    85.722474    0.176832
 0.000250   0.384242    60.219584
 1.00000    0.154956   113.444901    0.176832
 0.000250   0.700441    22.408503

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.213901  -112.715725    -0.268732
-0.000927  -0.648134   -68.649332
 0.25000   -0.213901   -84.994305    -0.268732
-0.000927  -0.322465   -27.070442
 0.50000   -0.213901   -53.393392    -0.268732
-0.000927  -0.039997   -27.262988
 0.75000   -0.213901   -24.378375    -0.268732
-0.000927  -0.252200   -27.830870
 1.00000   -0.213901   -12.203403    -0.268732
-0.000927  -0.471250   -69.957946

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.210450    9.921262    0.182055
 0.000485   0.443015   26.136177
 0.25000    0.210450   18.706834    0.182055
 0.000485   0.233506   52.248524
 0.50000    0.210450   39.631922    0.182055
 0.000485   0.092965   66.859503
 0.75000    0.210450   62.411274    0.182055
 0.000485   0.445514   50.873628
 1.00000    0.210450   82.394524    0.182055
 0.000485   0.819508   23.408060

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.203350   -81.469437    -0.314746
-0.000991  -0.751567   -52.082376
 0.25000   -0.203350   -61.486914    -0.314746
-0.000991  -0.368269   -22.213752
 0.50000   -0.203350   -38.707922    -0.314746
-0.000991  -0.037715   -22.446026
 0.75000   -0.203350   -17.792931    -0.314746
-0.000991  -0.250382   -22.973764
 1.00000   -0.203350    -9.016805    -0.314746
-0.000991  -0.473089   -53.487006

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.288933    8.485903    0.214203
 0.000707   0.524724   25.632314
 0.25000    0.288933   15.778644    0.214203
 0.000707   0.273181   47.111827
 0.50000    0.288933   33.142562    0.214203
 0.000707   0.091052   59.064037
 0.75000    0.288933   52.046979    0.214203
 0.000707   0.494993   45.664245
 1.00000    0.288933   68.630931    0.214203
 0.000707   0.924683   22.746824
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4647

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.250804   -67.664783    -0.358168
-0.000831  -0.858368   -44.861204
 0.25000   -0.250804   -51.081433    -0.358168
-0.000831  -0.420314   -20.137264
 0.50000   -0.250804   -32.177316    -0.358168
-0.000831  -0.036557   -20.393517
 0.75000   -0.250804   -14.820118    -0.358168
-0.000831  -0.283900   -20.911607
 1.00000   -0.250804    -7.536876    -0.358168
-0.000831  -0.546734   -46.299657

COMB      DB ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.272434   11.166947    0.160948
 0.001067   0.400545   25.880442
 0.25000    0.272434   32.252111    0.160948
 0.001067   0.208044   78.842495
 0.50000    0.272434   60.001325    0.160948
 0.001067   0.081109   99.578742
 0.75000    0.272434   86.000638    0.160948
 0.001067   0.280836   77.666019
 1.00000    0.272434  113.264937    0.160948
 0.001067   0.531420   23.306491

COMB      DB ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.172420  -112.644602    -0.206775
-0.001149  -0.509752   -76.093676
 0.25000   -0.172420   -85.399351    -0.206775
-0.001149  -0.254781   -28.762435
 0.50000   -0.172420   -59.398876    -0.206775
-0.001149  -0.046403   -28.519753
 0.75000   -0.172420   -31.650261    -0.206775
-0.001149  -0.209865   -29.325491
 1.00000   -0.172420   -10.600270    -0.206775
-0.001149  -0.408736   -77.022424

COMB      DL ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.415601   12.903960    0.214203
 0.000939   0.524724   26.136177
 0.25000    0.415601   25.094811    0.214203
 0.000939   0.273181   61.257693
 0.50000    0.415601   54.121060    0.214203
 0.000939   0.092965   82.007943
 0.75000    0.415601   85.722474    0.214203
 0.000939   0.494993   60.219584
 1.00000    0.415601  113.444901    0.214203
 0.000939   0.924683   23.408060

COMB      DL ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.250804  -112.715725    -0.358168
-0.000991  -0.858368   -68.649332
 0.25000   -0.250804   -84.994305    -0.358168
-0.000991  -0.420314   -27.070442
 0.50000   -0.250804   -53.393392    -0.358168
-0.000991  -0.039997   -27.262988
 0.75000   -0.250804   -24.378375    -0.358168
-0.000991  -0.283900   -27.830870
 1.00000   -0.250804   -12.203403    -0.358168
-0.000991  -0.546734   -69.957946

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.415601   12.903960    0.214203
 0.001067   0.524724   26.136177
 0.25000    0.415601   32.252111    0.214203
 0.001067   0.273181   78.842495
 0.50000    0.415601   60.001325    0.214203
 0.001067   0.092965   99.578742
 0.75000    0.415601   86.000638    0.214203
 0.001067   0.494993   77.666019
 1.00000    0.415601  113.444901    0.214203
 0.001067   0.924683   23.408060
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4648

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.250804  -112.715725    -0.358168
-0.001149  -0.858368   -76.093676
 0.25000   -0.250804   -85.399351    -0.358168
-0.001149  -0.420314   -28.762435
 0.50000   -0.250804   -59.398876    -0.358168
-0.001149  -0.046403   -28.519753
 0.75000   -0.250804   -31.650261    -0.358168
-0.001149  -0.283900   -29.325491
 1.00000   -0.250804   -12.203403    -0.358168
-0.001149  -0.546734   -77.022424

COMB      DESIGN ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.415601   12.903960    0.214203
 0.001067   0.524724   26.136177
 0.25000    0.415601   32.252111    0.214203
 0.001067   0.273181   78.842495
 0.50000    0.415601   60.001325    0.214203
 0.001067   0.092965   99.578742
 0.75000    0.415601   86.000638    0.214203
 0.001067   0.494993   77.666019
 1.00000    0.415601  113.444901    0.214203
 0.001067   0.924683   23.408060

COMB      DESIGN ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.250804  -112.715725    -0.358168
-0.001149  -0.858368   -76.093676
 0.25000   -0.250804   -85.399351    -0.358168
-0.001149  -0.420314   -28.762435
 0.50000   -0.250804   -59.398876    -0.358168
-0.001149  -0.046403   -28.519753
 0.75000   -0.250804   -31.650261    -0.358168
-0.001149  -0.283900   -29.325491
 1.00000   -0.250804   -12.203403    -0.358168
-0.001149  -0.546734   -77.022424

ELEM     452 ================== LENGTH
=    4.943822

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.116269    0.322306    0.077934
 0.000686   0.193838    3.189593
 0.25000    0.116269    0.346187    0.077934
 0.000686   0.097512    2.899872
 0.50000    0.116269    0.377588    0.077934
 0.000686   0.010122    2.584898
 0.75000    0.116269    0.407005    0.077934
 0.000686   0.101098    2.239187
 1.00000    0.116269    0.437900    0.077934
 0.000686   0.202435    1.880070

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.077576   -0.146860    -0.082006
-5.32E-07  -0.203023   -2.015208
 0.25000   -0.077576   -0.116027    -0.082006
-5.32E-07  -0.101673   -1.950342
 0.50000   -0.077576   -0.086605    -0.082006
-5.32E-07  -0.007066   -1.938890
 0.75000   -0.077576   -0.055209    -0.082006
-5.32E-07  -0.095140   -1.928780
 1.00000   -0.077576   -0.031421    -0.082006
-5.32E-07  -0.191478   -1.972140

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.188949    1.035230    0.124676
 0.001186   0.310093    7.033928
 0.25000    0.188949    1.703905    0.124676
 0.001186   0.156315    7.944071
 0.50000    0.188949    2.583143    0.124676
 0.001186   0.021582    7.929091
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4649

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.75000    0.188949    3.406804    0.124676
 0.001186   0.188780    6.643017
 1.00000    0.188949    4.271860    0.124676
 0.001186   0.371581    4.527129

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.156103   -3.638135    -0.148260
-3.98E-06  -0.362459   -5.844381
 0.25000   -0.156103   -2.774822    -0.148260
-3.98E-06  -0.179291   -4.338742
 0.50000   -0.156103   -1.950998    -0.148260
-3.98E-06  -0.013508   -4.324785
 0.75000   -0.156103   -1.127093    -0.148260
-3.98E-06  -0.152853   -4.339924
 1.00000   -0.156103   -0.405850    -0.148260
-3.98E-06  -0.306962   -5.852199

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.242744    1.247023    0.126682
 0.001337   0.315184   11.363211
 0.25000    0.242744    1.268516    0.126682
 0.001337   0.158592   10.116551
 0.50000    0.242744    1.293777    0.126682
 0.001337   0.032447    9.045718
 0.75000    0.242744    1.323252    0.126682
 0.001337   0.266263    8.214452
 1.00000    0.242744    1.351057    0.126682
 0.001337   0.520388    7.628963

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.128545   -0.325994    -0.205888
-0.000160  -0.497925   -4.955031
 0.25000   -0.128545   -0.298245    -0.205888
-0.000160  -0.243681   -4.933391
 0.50000   -0.128545   -0.271765    -0.205888
-0.000160  -0.016772   -4.959911
 0.75000   -0.128545   -0.243508    -0.205888
-0.000160  -0.154551   -4.987636
 1.00000   -0.128545   -0.222099    -0.205888
-0.000160  -0.311133   -5.063483

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.251842    7.583621    0.145694
 0.001167   0.361491   20.737855
 0.25000    0.251842   20.246658    0.145694
 0.001167   0.187642   51.840731
 0.50000    0.251842   36.897225    0.145694
 0.001167   0.063307   63.404347
 0.75000    0.251842   52.495317    0.145694
 0.001167   0.321618   49.360469
 1.00000    0.251842   68.877311    0.145694
 0.001167   0.613416   16.389203

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.152294   -67.601914    -0.241163
-0.000601  -0.595377   -49.373900
 0.25000   -0.152294   -51.252938    -0.241163
-0.000601  -0.297543   -20.967673
 0.50000   -0.152294   -35.651771    -0.241163
-0.000601  -0.040521   -20.806145
 0.75000   -0.152294   -19.003909    -0.241163
-0.000601  -0.191494   -21.189938
 1.00000   -0.152294    -6.390516    -0.241163
-0.000601  -0.371569   -49.925766

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.089257    0.531539    0.042667
 0.000521   0.106087    4.702382
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4650

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.25000    0.089257    0.555421    0.042667
 0.000521   0.053334    4.220822
 0.50000    0.089257    0.586822    0.042667
 0.000521   0.013626    3.795209
 0.75000    0.089257    0.616239    0.042667
 0.000521   0.109563    3.437023
 1.00000    0.089257    0.647133    0.042667
 0.000521   0.210196    3.183077

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.073358   -0.223694    -0.081632
-4.57E-06  -0.193719   -1.977427
 0.25000   -0.073358   -0.192861    -0.081632
-4.57E-06  -0.092997   -1.942319
 0.50000   -0.073358   -0.163439    -0.081632
-4.57E-06  -0.006294   -1.960478
 0.75000   -0.073358   -0.132042    -0.081632
-4.57E-06  -0.052130   -1.979679
 1.00000   -0.073358   -0.108255    -0.081632
-4.57E-06  -0.104893   -2.052380

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.175880    9.371578    0.060074
 0.000668   0.148876   19.584039
 0.25000    0.175880   26.709371    0.060074
 0.000668   0.083489   63.171408
 0.50000    0.175880   49.506752    0.060074
 0.000668   0.062137   79.825404
 0.75000    0.175880   70.863122    0.060074
 0.000668   0.239922   61.206655
 1.00000    0.175880   93.292783    0.060074
 0.000668   0.444526   16.537253

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.067290   -92.313041    -0.172404
-0.000265  -0.430153   -63.823558
 0.25000   -0.067290   -69.926586    -0.172404
-0.000265  -0.217327   -24.905689
 0.50000   -0.067290   -48.568007    -0.172404
-0.000265  -0.042426   -24.659204
 0.75000   -0.067290   -25.774330    -0.172404
-0.000265  -0.091040   -25.159036
 1.00000   -0.067290    -8.504507    -0.172404
-0.000265  -0.165297   -64.477494

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.239302    8.720623    0.112932
 0.001131   0.280407   20.326104
 0.25000    0.239302   24.389116    0.112932
 0.001131   0.148834   59.445613
 0.50000    0.239302   44.991543    0.112932
 0.001131   0.064484   74.223324
 0.75000    0.239302   64.291701    0.112932
 0.001131   0.295662   57.133377
 1.00000    0.239302   84.561811    0.112932
 0.001131   0.552359   16.496239

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.107004   -83.427881    -0.215654
-0.000239  -0.537553   -59.917050
 0.25000   -0.107004   -63.198624    -0.215654
-0.000239  -0.271204   -24.041476
 0.50000   -0.107004   -43.894663    -0.215654
-0.000239  -0.043783   -23.814211
 0.75000   -0.107004   -23.295583    -0.215654
-0.000239  -0.153877   -24.261516
 1.00000   -0.107004    -7.688516    -0.215654
-0.000239  -0.293457   -59.789951
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4651

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.228341    6.565738    0.150182
 0.000946   0.371925   20.472521
 0.25000    0.228341   16.846620    0.150182
 0.000946   0.191556   45.321748
 0.50000    0.228341   30.364902    0.150182
 0.000946   0.060799   54.393064
 0.75000    0.228341   43.028699    0.150182
 0.000946   0.325886   42.783578
 1.00000    0.228341   56.328932    0.150182
 0.000946   0.615596   15.909328

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.155860   -54.959837    -0.240103
-0.000863  -0.588048   -41.184555
 0.25000   -0.155860   -41.686410    -0.240103
-0.000863  -0.291541   -18.115310
 0.50000   -0.155860   -29.020116    -0.240103
-0.000863  -0.036267   -18.054128
 0.75000   -0.155860   -15.504031    -0.240103
-0.000863  -0.195126   -18.397284
 1.00000   -0.155860    -5.263454    -0.240103
-0.000863  -0.380759   -41.758923

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.054433    0.766127    0.097123
 6.45E-06   0.239304    2.041878
 0.25000    0.054433    0.790008    0.097123
 6.45E-06   0.119299    6.339761
 0.50000    0.054433    0.821409    0.097123
 6.45E-06   0.018133    5.717202
 0.75000    0.054433    0.850826    0.097123
 6.45E-06   0.128994    5.243553
 1.00000    0.054433    0.881721    0.097123
 6.45E-06   0.247333    4.918872

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.116573   -0.239486    -0.098439
-0.001068  -0.241990   -2.314217
 0.25000   -0.116573   -0.208554    -0.098439
-0.001068  -0.120331   -2.325874
 0.50000   -0.116573   -0.179132    -0.098439
-0.001068  -0.007058   -2.391012
 0.75000   -0.116573   -0.147735    -0.098439
-0.001068   0.120861   -2.457179
 1.00000   -0.116573   -0.123948    -0.098439
-0.001068  -0.240902   -2.576814

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.132251   11.357203    0.126552
 7.16E-05   0.309908   23.303874
 0.25000    0.132251   32.468234    0.126552
 7.16E-05   0.164631   76.502667
 0.50000    0.132251   60.227029    0.126552
 7.16E-05   0.072444   96.856787
 0.75000    0.132251   86.231204    0.126552
 7.16E-05   0.254123   74.242606
 1.00000    0.132251  113.542251    0.126552
 7.16E-05   0.468001   19.822887

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000   -0.150612  -112.405143    -0.181290
-0.001384  -0.461310   -77.048796
 0.25000   -0.150612   -85.149141    -0.181290
-0.001384  -0.239155   -29.696003
 0.50000   -0.150612   -59.139841    -0.181290
-0.001384  -0.049076   -29.430874
 0.75000   -0.150612   -31.385556    -0.181290
-0.001384  -0.180231   -30.074483
 1.00000   -0.150612   -10.357286    -0.181290
-0.001384  -0.336663   -77.984849
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING          LOAD              >
                                4652

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    0.186660    8.573815    0.136467
 0.000435   0.336811   23.288941
 0.25000    0.186660   23.060185    0.136467
 0.000435   0.175540   58.989834
```

0.50000	0.186660	42.108245	0.136467
0.000435	0.069432	72.291683	
0.75000	0.186660	59.952287	0.136467
0.000435	0.317852	56.326585	
1.00000	0.186660	78.693102	0.136467
0.000435	0.596672	18.755047	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.142874	-77.257739	-0.231506
-0.001318	-0.571183	-55.358641	
0.25000	-0.142874	-58.554695	-0.231506
-0.001318	-0.287505	-22.908866	
0.50000	-0.142874	-40.707137	-0.231506
-0.001318	-0.041801	-22.770687	
0.75000	-0.142874	-21.662171	-0.231506
-0.001318	-0.183550	-23.255083	
1.00000	-0.142874	-7.232592	-0.231506
-0.001318	-0.352210	-56.175885	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.219713	7.377092	0.158988
0.000808	0.393259	21.885076	
0.25000	0.219713	19.359513	0.158988
0.000808	0.202873	51.096179	
0.50000	0.219713	35.115141	0.158988
0.000808	0.065311	61.834266	
0.75000	0.219713	49.874854	0.158988
0.000808	0.335816	48.400796	
1.00000	0.219713	65.376355	0.158988
0.000808	0.633082	17.155313	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.173220	-63.931128	-0.245467
-0.001098	-0.601438	-47.135047	
0.25000	-0.173220	-48.460880	-0.245467
-0.001098	-0.301537	-20.295952	
0.50000	-0.173220	-33.658248	-0.245467
-0.001098	-0.039180	-20.183587	
0.75000	-0.173220	-17.945180	-0.245467
-0.001098	-0.208110	-20.587036	
1.00000	-0.173220	-6.009734	-0.245467
-0.001098	-0.404619	-47.818647	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.251149	0.397471	0.113805
0.000701	0.277232	4.337408	
0.25000	0.251149	0.405552	0.113805
0.000701	0.136408	3.959250	
0.50000	0.251149	0.424760	0.113805
0.000701	0.013935	3.572182	
0.75000	0.251149	0.445665	0.113805
0.000701	0.208051	3.164460	
1.00000	0.251149	0.464001	0.113805
0.000701	0.408554	2.750648	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.132011	-0.103555	-0.162286
-3.00E-07	-0.031496	-0.559094	
0.25000	-0.132011	-0.085216	-0.162286
-3.00E-07	-0.193836	-2.565608	
0.50000	-0.132011	-0.064311	-0.162286
-3.00E-07	-0.009117	-2.561689	
0.75000	-0.132011	-0.045119	-0.162286
-3.00E-07	-0.142966	-2.557946	
1.00000	-0.132011	-0.037079	-0.162286
-3.00E-07	-0.284370	-2.582029	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4653

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.359488	1.056811	0.176424
0.001167	0.428851	8.780752	
0.25000	0.359488	1.291183	0.176424
0.001167	0.211414	8.661313	
0.50000	0.359488	1.848217	0.176424
0.001167	0.028032	8.263936	
0.75000	0.359488	2.454464	0.176424
0.001167	0.379848	7.132018	
1.00000	0.359488	2.986196	0.176424
0.001167	0.741771	5.728848	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221374	-2.253861	-0.293347
-2.05E-06	-0.709730	-5.878217	
0.25000	-0.221374	-1.722044	-0.293347
-2.05E-06	-0.344732	-3.888732	
0.50000	-0.221374	-1.115798	-0.293347
-2.05E-06	-0.016298	-5.100893	
0.75000	-0.221374	-0.559224	-0.293347
-2.05E-06	-0.223018	-5.116848	
1.00000	-0.221374	-0.326057	-0.293347
-2.05E-06	-0.441830	-5.940035	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.408601	1.391841	0.181863
0.001266	0.436561	13.451808	
0.25000	0.408601	1.399114	0.181863
0.001266	0.213080	12.146089	
0.50000	0.408601	1.416401	0.181863
0.001266	0.041289	10.888422	
0.75000	0.408601	1.435216	0.181863
0.001266	0.475746	9.845440	
1.00000	0.408601	1.451718	0.181863
0.001266	0.923188	8.923778	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195702	-0.302779	-0.362152
-0.000173	-0.869213	-6.510559	
0.25000	-0.195702	-0.286274	-0.362152
-0.000173	-0.421836	-6.538512	
0.50000	-0.195702	-0.267460	-0.362152
-0.000173	-0.021704	-6.591728	
0.75000	-0.195702	-0.250187	-0.362152
-0.000173	-0.233616	-6.644724	
1.00000	-0.195702	-0.242950	-0.362152
-0.000173	-0.459605	-6.722905	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.409299	7.111653	0.219078
0.001110	0.524108	20.399419	
0.25000	0.409299	12.766884	0.219078
0.001110	0.263148	36.179601	
0.50000	0.409299	26.207724	0.219078
0.001110	0.067041	44.370333	
0.75000	0.409299	40.836055	0.219078
0.001110	0.557442	33.522539	
1.00000	0.409299	53.666379	0.219078
0.001110	1.065150	15.282936	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221091	-52.304740	-0.417386
-0.000554	-1.007336	-37.246357	
0.25000	-0.221091	-39.472362	-0.417386
-0.000554	-0.494033	-17.963183	
0.50000	-0.221091	-24.844063	-0.417386
-0.000554	-0.036449	-18.019918	
0.75000	-0.221091	-11.414330	-0.417386
-0.000554	-0.293739	-18.169780	
1.00000	-0.221091	-5.788159	-0.417386
-0.000554	-0.565690	-37.796749	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4654

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.108582	0.574935	0.056941
0.000463	0.136943	5.293276	
0.25000	0.108582	0.583017	0.056941
0.000463	0.066566	4.806943	
0.50000	0.108582	0.602225	0.056941
0.000463	0.016610	4.357584	
0.75000	0.108582	0.623130	0.056941
0.000463	0.187474	3.928858	
1.00000	0.108582	0.641466	0.056941
0.000463	0.362154	3.505488	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077408	-0.179815	-0.141634
-2.44E-06	-0.338558	-2.488405	
0.25000	-0.077408	-0.161477	-0.141634
-2.44E-06	-0.163882	-2.490052	
0.50000	-0.077408	-0.140572	-0.141634
-2.44E-06	-0.007847	-2.519364	
0.75000	-0.077408	-0.121380	-0.141634
-2.44E-06	-0.173617	-2.548889	
1.00000	-0.077408	-0.113339	-0.141634
-2.44E-06	-0.143956	-2.606258	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209348	9.398284	0.093542
0.000570	0.216557	18.174031	
0.25000	0.209348	18.005388	0.093542
0.000570	0.116456	43.544033	
0.50000	0.209348	38.461972	0.093542
0.000570	0.064091	57.629320	
0.75000	0.209348	60.725894	0.093542
0.000570	0.357171	41.700333	
1.00000	0.209348	80.253280	0.093542
0.000570	0.664032	14.691258	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075522	-79.267702	-0.258258
-0.000244	-0.625760	-50.622359	
0.25000	-0.075522	-59.737181	-0.258258
-0.000244	-0.310208	-21.220568	
0.50000	-0.075522	-37.473317	-0.258258
-0.000244	-0.034857	-21.253239	
0.75000	-0.075522	-17.033637	-0.258258
-0.000244	-0.141377	-21.428277	
1.00000	-0.075522	-8.470763	-0.258258
-0.000244	-0.257190	-51.246554	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.352369	8.816374	0.167465
0.001045	0.397942	20.010567	
0.25000	0.352369	16.606409	0.167465
0.001045	0.204663	42.640662	
0.50000	0.352369	35.121058	0.167465
0.001045	0.069441	55.061915	
0.75000	0.352369	55.271467	0.167465
0.001045	0.490956	40.316549	
1.00000	0.352369	72.945135	0.167465
0.001045	0.927454	15.546245	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152359	-71.748554	-0.362816
-0.000221	-0.679918	-48.476325	
0.25000	-0.152359	-54.072056	-0.362816
-0.000221	-0.435031	-21.461843	
0.50000	-0.152359	-33.921691	-0.362816
-0.000221	-0.038526	-21.487739	
0.75000	-0.152359	-15.422342	-0.362816
-0.000221	-0.232118	-21.642402	
1.00000	-0.152359	-7.270338	-0.362816
-0.000221	-0.439798	-48.626283	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4655

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335899	6.276763	0.223580
0.000874	0.535110	20.417243	
0.25000	0.335899	10.974302	0.223580
0.000874	0.266630	33.175573	
0.50000	0.335899	22.138987	0.223580
0.000874	0.065700	39.821157	
0.75000	0.335899	34.290066	0.223580
0.000874	0.574450	30.378190	
1.00000	0.335899	44.947623	0.223580
0.000874	1.096501	15.021212	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.214183	-43.491036	-0.428792
-0.000806	-1.031344	-32.434488	
0.25000	-0.214183	-32.831772	-0.428792
-0.000806	-0.535891	-14.447386	
0.50000	-0.214183	-20.680720	-0.428792
-0.000806	-0.034205	-16.525532	
0.75000	-0.214183	-9.525261	-0.428792
-0.000806	-0.298670	-16.680936	
1.00000	-0.214183	-4.851861	-0.428792
-0.000806	-0.575814	-33.014860	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070227	0.810906	0.143663
6.01E-06	0.347180	7.447554	
0.25000	0.070227	0.818988	0.143663
6.01E-06	0.169265	6.737478	
0.50000	0.070227	0.838196	0.143663
6.01E-06	0.021368	6.058087	
0.75000	0.070227	0.859101	0.143663
6.01E-06	0.277517	5.452717	
1.00000	0.070227	0.877436	0.143663
6.01E-06	0.537141	4.894164	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169536	-0.179282	-0.211254
-0.001033	-0.506619	-2.971184	
0.25000	-0.169536	-0.160944	-0.211254
-0.001033	-0.246053	-3.017320	
0.50000	-0.169536	-0.140039	-0.211254
-0.001033	-0.009266	-3.090783	
0.75000	-0.169536	-0.120846	-0.211254
-0.001033	-0.185265	-3.164270	
1.00000	-0.169536	-0.112806	-0.211254
-0.001033	-0.362916	-3.265759	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167979	13.033920	0.202920
5.91E-05	0.480670	22.465179	
0.25000	0.167979	25.253584	0.202920
5.91E-05	0.251775	58.777504	
0.50000	0.167979	54.296170	0.202920
5.91E-05	0.078789	79.040303	
0.75000	0.167979	85.904654	0.202920
5.91E-05	0.462591	56.663489	
1.00000	0.167979	113.628055	0.202920
5.91E-05	0.861440	18.515989	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.207569	-112.472158	-0.336815
-0.001284	-0.821647	-70.025546	
0.25000	-0.207569	-84.744319	-0.336815
-0.001284	-0.410974	-28.332832	
0.50000	-0.207569	-53.135904	-0.336815
-0.001284	-0.043274	-28.390469	
0.75000	-0.207569	-24.117317	-0.336815
-0.001284	-0.288189	-28.648404	
1.00000	-0.207569	-11.960447	-0.336815
-0.001284	-0.539241	-70.992344	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4656

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222704	10.142785	0.210324
0.000353	0.498875	23.462270	
0.25000	0.222704	18.951126	0.210324
0.000353	0.254599	48.949555	
0.50000	0.222704	39.885990	0.210324
0.000353	0.078883	62.915286	
0.75000	0.222704	62.670439	0.210324
0.000353	0.550840	46.214894	
1.00000	0.222704	82.654391	0.210324
0.000353	1.038824	18.220267	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193912	-81.168864	-0.405114
-0.001248	-0.977837	-53.536347	
0.25000	-0.193912	-61.181713	-0.405114
-0.001248	-0.482404	-23.506838	
0.50000	-0.193912	-38.397314	-0.405114
-0.001248	-0.041094	-23.599952	
0.75000	-0.193912	-17.479749	-0.405114
-0.001248	-0.229606	-23.838679	
1.00000	-0.193912	-8.716673	-0.405114
-0.001248	-0.552312	-54.413912	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.300679	8.736653	0.237517
0.000732	0.567082	22.801356	
0.25000	0.300679	16.046631	0.237517
0.000732	0.286781	43.624246	
0.50000	0.300679	33.420321	0.237517
0.000732	0.075951	54.693301	
0.75000	0.300679	52.328967	0.237517
0.000732	0.604281	40.755403	
1.00000	0.300679	68.913502	0.237517
0.000732	1.148025	17.263878	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247018	-67.392156	-0.448705
-0.001039	-1.082262	-46.327839	
0.25000	-0.247018	-50.804967	-0.448705
-0.001039	-0.533070	-21.450443	
0.50000	-0.247018	-31.992661	-0.448705
-0.001039	0.039904	-21.537625	
0.75000	-0.247018	-14.537028	-0.448705
-0.001039	-0.321670	-21.742612	
1.00000	-0.247018	-7.264615	-0.448705
-0.001039	-0.615641	-47.123633	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.251842	11.357203	0.158988
0.001337	0.393259	23.303874	
0.25000	0.251842	32.468234	0.158988
0.001337	0.151479	76.502667	
0.50000	0.251842	60.227029	0.158988
0.001337	0.072444	96.863737	
0.75000	0.251842	86.231204	0.158988
0.001337	0.335816	74.242606	
1.00000	0.251842	113.542251	0.158988
0.001337	0.633082	19.822887	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.173220	-112.405143	-0.245467
-0.001384	-1.082238	-77.048796	
0.25000	-0.173220	-85.149141	-0.245467
-0.001384	-0.301537	-29.696003	
0.50000	-0.173220	-59.139841	-0.245467
-0.001384	-0.049076	-29.430874	
0.75000	-0.173220	-31.385556	-0.245467
-0.001384	-0.208110	-30.074483	
1.00000	-0.173220	-11.960447	-0.245467
-0.001384	-0.404619	-77.984849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4657

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.409299	13.033920	0.237517
0.001266	0.567082	23.462270	
0.25000	0.409299	25.253584	0.237517
0.001266	0.286781	58.777504	
0.50000	0.409299	54.296170	0.237517
0.001266	0.078883	79.040303	
0.75000	0.409299	85.904654	0.237517
0.001266	0.604281	56.663489	
1.00000	0.409299	113.628055	0.237517
0.001266	1.148025	18.515989	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247018	-112.472158	-0.448705
-0.001284	-1.082262	-70.025546	
0.25000	-0.247018	-84.744319	-0.448705
-0.001284	-0.533070	-28.332832	
0.50000	-0.247018	-53.135904	-0.448705
-0.001284	-0.043274	-28.390469	
0.75000	-0.247018	-24.117317	-0.448705
-0.001284	-0.321670	-28.648404	
1.00000	-0.247018	-11.960447	-0.448705
-0.001284	-0.615641	-70.992344	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.409299	13.033920	0.237517
0.001337	0.567082	23.462270	
0.25000	0.409299	32.468234	0.237517
0.001337	0.286781	76.502667	
0.50000	0.409299	60.227029	0.237517
0.001337	0.078883	96.863737	
0.75000	0.409299	86.231204	0.237517
0.001337	0.604281	74.242606	
1.00000	0.409299	113.628055	0.237517
0.001337	1.148025	19.822887	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247018	-112.472158	-0.448705
-0.001384	-1.082262	-77.048796	
0.25000	-0.247018	-85.149141	-0.448705
-0.001384	-0.533070	-29.696003	
0.50000	-0.247018	-59.139841	-0.448705
-0.001384	-0.049076	-29.430874	
0.75000	-0.247018	-31.385556	-0.448705
-0.001384	-0.321670	-30.074483	
1.00000	-0.247018	-11.960447	-0.448705
-0.001384	-0.615641	-77.984849	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.409299	13.033920	0.237517
0.001337	0.567082	23.462270	
0.25000	0.409299	32.468234	0.237517
0.001337	0.286781	76.502667	
0.50000	0.409299	60.227029	0.237517
0.001337	0.078883	96.863737	
0.75000	0.409299	86.231204	0.237517
0.001337	0.604281	74.242606	
1.00000	0.409299	113.628055	0.237517
0.001337	1.148025	19.822887	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247018	-112.472158	-0.448705
-0.001384	-1.082262	-77.048796	
0.25000	-0.247018	-85.149141	-0.448705
-0.001384	-0.533070	-29.696003	
0.50000	-0.247018	-59.139841	-0.448705
-0.001384	-0.049076	-29.430874	
0.75000	-0.247018	-31.385556	-0.448705
-0.001384	-0.321670	-30.074483	
1.00000	-0.247018	-11.960447	-0.448705
-0.001384	-0.615641	-77.984849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4658

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 453 ========== LENGTH = 4.942624

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112310	0.311159	0.075473
0.000764	0.187598	1.889385	
0.25000	0.112310	0.335105	0.075473
0.000764	0.094363	1.623048	
0.50000	0.112310	0.366559	0.075473
0.000764	0.005436	1.337902	
0.75000	0.112310	0.398679	0.075473
0.000764	0.109516	1.030646	
1.00000	0.112310	0.427143	0.075473
0.000764	0.215345	0.729766	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083605	-0.162035	-0.085701
-5.50E-07	-0.208317	-1.975426	
0.25000	-0.083605	-0.131255	-0.085701
-5.50E-07	-0.102461	-1.907425	
0.50000	-0.083605	-0.101785	-0.085701
-5.50E-07	-0.007618	-1.893426	
0.75000	-0.083605	-0.070394	-0.085701
-5.50E-07	-0.092197	-1.880656	
1.00000	-0.083605	-0.046715	-0.085701
-5.50E-07	-0.185472	-1.922762	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.172678	1.001830	0.121019
0.001335	0.300502	4.549276	
0.25000	0.172678	1.672315	0.121019
0.001335	0.151479	5.488713	
0.50000	0.172678	2.553043	0.121019
0.001335	0.013153	5.496639	
0.75000	0.172678	3.376791	0.121019
0.001335	0.213387	4.219302	
1.00000	0.172678	4.249377	0.121019
0.001335	0.418918	2.307569	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166895	-3.652174	-0.166873
-4.13E-06	-0.406606	-4.575822	
0.25000	-0.166895	-2.790335	-0.166873
-4.13E-06	-0.200526	-4.363683	
0.50000	-0.166895	-1.965158	-0.166873
-4.13E-06	-0.014533	-4.350788	
0.75000	-0.166895	-1.086232	-0.166873
-4.13E-06	-0.148529	-4.357002	
1.00000	-0.166895	-0.423201	-0.166873
-4.13E-06	-0.298063	-5.882277	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.221150	1.213730	0.130761
0.001510	0.316033	7.677554	
0.25000	0.221150	1.235282	0.130761
0.001510	0.154461	6.479555	
0.50000	0.221150	1.263591	0.130761
0.001510	0.020458	5.461657	
0.75000	0.221150	1.290068	0.130761
0.001510	0.299612	4.722841	
1.00000	0.221150	1.318116	0.130761
0.001510	0.590241	4.221332	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.139216	-0.314507	-0.235394
-4.95E-07	-0.573548	-5.075362	
0.25000	-0.139216	-0.286805	-0.235394
-4.95E-07	-0.282832	-5.103861	
0.50000	-0.139216	-0.260282	-0.235394
-4.95E-07	-0.018318	-5.180939	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4659

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.139216	-0.232031	-0.235394
-4.95E-07	-0.168584	-5.259503	
1.00000	-0.139216	-0.210719	-0.235394
-4.95E-07	-0.330179	-5.387165	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.234102	7.329015	0.151639
0.001253	0.363216	16.458838	
0.25000	0.234102	20.026324	0.151639
0.001253	0.186210	47.589337	
0.50000	0.234102	36.705114	0.151639
0.001253	0.049336	59.103110	
0.75000	0.234102	52.304845	0.151639
0.001253	0.354186	43.569116	
1.00000	0.234102	68.829436	0.151639
0.001253	0.683292	12.388547	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.160370	-67.532085	-0.274764
-0.000497	-0.684400	-49.921654	
0.25000	-0.160370	-51.211017	-0.274764
-0.000497	-0.345029	-21.587465	
0.50000	-0.160370	-35.584228	-0.274764
-0.000497	-0.043023	-21.283040	
0.75000	-0.160370	-18.939560	-0.274764
-0.000497	-0.206637	-21.323130	
1.00000	-0.160370	-6.383412	-0.274764
-0.000497	-0.393991	-50.124356	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082820	0.519964	0.041508
0.000595	0.103132	3.201237	
0.25000	0.082820	0.543910	0.041508
0.000595	0.051831	2.741653	
0.50000	0.082820	0.575365	0.041508
0.000595	0.009151	2.330489	
0.75000	0.082820	0.604784	0.041508
0.000595	0.123623	2.016193	
1.00000	0.082820	0.635948	0.041508
0.000595	0.243547	1.816248	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078871	-0.216926	-0.097119
-4.72E-06	-0.236760	-2.057132	
0.25000	-0.078871	-0.186146	-0.097119
-4.72E-06	-0.119850	-2.049356	
0.50000	-0.078871	-0.156675	-0.097119
-4.72E-06	-0.006837	-2.094633	
0.75000	-0.078871	-0.125285	-0.097119
-4.72E-06	-0.050743	-2.140586	
1.00000	-0.078871	-0.101605	-0.097119
-4.72E-06	-0.102059	-2.240781	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.164745	9.039924	0.069999
0.000760	0.156615	16.599623	
0.25000	0.164745	26.424642	0.069999
0.000760	0.084345	60.189488	
0.50000	0.164745	49.260665	0.069999
0.000760	0.052616	76.736793	
0.75000	0.164745	70.619279	0.069999
0.000760	0.260808	56.022277	
1.00000	0.164745	93.244178	0.069999
0.000760	0.493922	13.763656	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073884	-92.220576	-0.200054
-9.68E-05	-0.507916	-64.461037	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4660

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.073884	-69.874334	-0.200054
-9.68E-05	-0.260836	-25.603267	
0.50000	-0.073884	-48.478673	-0.200054
-9.68E-05	-0.044399	-25.121857	
0.75000	-0.073884	-25.689369	-0.200054
-9.68E-05	-0.113452	-25.110910	
1.00000	-0.073884	-8.497924	-0.200054
-9.68E-05	-0.199922	-64.478123	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209716	8.412046	0.119845
0.001277	0.282134	16.561680	
0.25000	0.209716	24.122946	0.119845
0.001277	0.146889	55.693919	
0.50000	0.209716	44.760294	0.119845
0.001277	0.052202	70.398724	
0.75000	0.209716	64.062480	0.119845
0.001277	0.327055	51.443014	
1.00000	0.209716	84.509031	0.119845
0.001277	0.625946	13.020548	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116469	-83.355738	-0.252252
-8.75E-05	-0.632668	-59.777767	
0.25000	-0.116469	-63.161015	-0.252252
-8.75E-05	-0.321113	-24.658033	
0.50000	-0.116469	-43.825350	-0.252252
-8.75E-05	-0.045991	-24.219913	
0.75000	-0.116469	-23.230222	-0.252252
-8.75E-05	-0.171691	-24.207936	
1.00000	-0.116469	-7.693986	-0.252252
-8.75E-05	-0.319755	-59.782817	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.207205	6.353543	0.156871
0.001069	0.376484	15.979914	
0.25000	0.207205	16.662250	0.156871
0.001069	0.191069	40.845690	
0.50000	0.207205	30.203445	0.156871
0.001069	0.046580	49.882013	
0.75000	0.207205	42.868574	0.156871
0.001069	0.360553	37.064100	
1.00000	0.207205	56.284578	0.156871
0.001069	0.698847	11.645109	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.157349	-54.886617	-0.280692
-0.000789	-0.696424	-41.760781	
0.25000	-0.157349	-41.635849	-0.280692
-0.000789	-0.449739	-18.821460	
0.50000	-0.157349	-28.948753	-0.280692
-0.000789	-0.038939	-18.638530	
0.75000	-0.157349	-15.435261	-0.280692
-0.000789	-0.211284	-18.735386	
1.00000	-0.157349	-5.241160	-0.280692
-0.000789	-0.405112	-42.182867	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.059594	0.760306	0.099249
7.94E-06	0.244184	4.936194	
0.25000	0.059594	0.784252	0.099249
7.94E-06	0.121560	4.251233	
0.50000	0.059594	0.815706	0.099249
7.94E-06	0.011948	3.640735	
0.75000	0.059594	0.845126	0.099249
7.94E-06	0.141309	3.180470	
1.00000	0.059594	0.876290	0.099249
7.94E-06	0.259974	2.851555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4661

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.100162	-0.208559	-0.111521
-0.001182	-0.272467	-2.588558	
0.25000	-0.100162	-0.177779	-0.111521
-0.001182	-0.134743	-2.663155	
0.50000	-0.100162	-0.148308	-0.111521
-0.001182	-0.008165	-2.790631	
0.75000	-0.100162	-0.116916	-0.111521
-0.001182	-0.123738	-2.918755	
1.00000	-0.100162	-0.093238	-0.111521
-0.001182	-0.246382	-3.101124	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137751	10.969625	0.136559
8.77E-05	0.325588	19.881280	
0.25000	0.137751	32.137794	0.136559
8.77E-05	0.174151	73.059620	
0.50000	0.137751	59.943639	0.136559
8.77E-05	0.061684	93.275601	
0.75000	0.137751	85.950547	0.136559
8.77E-05	0.270889	68.046500	
1.00000	0.137751	113.499322	0.136559
8.77E-05	0.509839	16.512564	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136691	-112.283780	-0.207229
-0.001485	-0.530226	-77.969052	
0.25000	-0.136691	-85.074307	-0.207229
-0.001485	-0.274247	-30.709361	
0.50000	-0.136691	-59.022290	-0.207229
-0.001485	-0.051907	-30.171916	
0.75000	-0.136691	-31.273330	-0.207229
-0.001485	-0.193663	-30.210373	
1.00000	-0.136691	-10.340496	-0.207229
-0.001485	-0.362367	-78.196890	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184065	8.289811	0.147031
0.000498	0.347742	18.827118	
0.25000	0.184065	22.815389	0.147031
0.000498	0.178112	54.533843	
0.50000	0.184065	41.895736	0.147031
0.000498	0.055690	67.763076	
0.75000	0.184065	59.741652	0.147031
0.000498	0.345422	50.044849	
1.00000	0.184065	78.645597	0.147031
0.000498	0.664742	14.457835	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.131823	-77.145203	-0.268041
-0.001276	-0.671139	-56.173890	
0.25000	-0.131823	-58.474087	-0.268041
-0.001276	-0.340083	-23.839817	
0.50000	-0.131823	-40.597217	-0.268041
-0.001276	-0.044708	-23.570527	
0.75000	-0.131823	-21.555906	-0.268041
-0.001276	-0.206121	-23.694327	
1.00000	-0.131823	-7.191813	-0.268041
-0.001276	-0.387787	-56.720043	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206536	7.133232	0.166714
0.000914	0.399768	17.224310	
0.25000	0.206536	19.148083	0.166714
0.000914	0.203599	46.448700	
0.50000	0.206536	34.930417	0.166714
0.000914	0.050799	57.135793	
0.75000	0.206536	49.691691	0.166714
0.000914	0.369611	42.285892	
1.00000	0.206536	65.328114	0.166714
0.000914	0.714764	12.719831	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4662

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.167121	-63.842902	-0.287351
-0.001063	-0.714732	-47.819584	
0.25000	-0.167121	-48.399063	-0.287351
-0.001063	-0.359838	-21.083286	
0.50000	-0.167121	-33.612186	-0.287351
-0.001063	-0.041934	-20.869516	
0.75000	-0.167121	-17.862140	-0.287351
-0.001063	-0.225535	-20.981343	
1.00000	-0.167121	-5.980662	-0.287351
-0.001063	-0.431527	-48.308196	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.241546	0.393661	0.128180
0.000817	0.311207	2.741470	
0.25000	0.241546	0.402013	0.128180
0.000817	0.152205	2.370304	
0.50000	0.241546	0.421254	0.128180
0.000817	0.007861	1.998230	
0.75000	0.241546	0.442162	0.128180
0.000817	0.227451	1.619467	
1.00000	0.241546	0.460437	0.128180
0.000817	0.450001	1.311251	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153877	-0.119966	-0.180131
-3.30E-07	-0.440431	-2.557558	
0.25000	-0.153877	-0.101595	-0.180131
-3.30E-07	-0.217821	-2.520030	
0.50000	-0.153877	-0.080667	-0.180131
-3.30E-07	-0.000645	-2.511147	
0.75000	-0.153877	-0.061485	-0.180131
-3.30E-07	-0.162315	-2.513599	
1.00000	-0.153877	-0.053531	-0.180131
-3.30E-07	-0.321329	-2.620979	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.343341	1.072228	0.199171
0.001395	0.482355	5.730612	
0.25000	0.343341	1.314455	0.199171
0.001395	0.236186	5.604993	
0.50000	0.343341	1.872437	0.199171
0.001395	0.016534	5.194704	
0.75000	0.343341	2.478771	0.199171
0.001395	0.421845	4.120264	
1.00000	0.343341	3.008735	0.199171
0.001395	0.832801	2.938213	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.251000	-2.264958	-0.333049
-2.30E-06	-0.813783	-5.902709	
0.25000	-0.251000	-1.732218	-0.333049
-2.30E-06	-0.402426	-5.129896	
0.50000	-0.251000	-1.124704	-0.333049
-2.30E-06	-0.017353	-5.148871	
0.75000	-0.251000	-0.569036	-0.333049
-2.30E-06	-0.253530	-5.235746	
1.00000	-0.251000	-0.338349	-0.333049
-2.30E-06	-0.500323	-6.326127	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.389603	1.477822	0.218353
0.001487	0.521614	8.965105	
0.25000	0.389603	1.485339	0.218353
0.001487	0.251491	7.513704	
0.50000	0.389603	1.502656	0.218353
0.001487	0.024647	6.359680	
0.75000	0.389603	1.521473	0.218353
0.001487	0.536526	5.464726	
1.00000	0.389603	1.537920	0.218353
0.001487	1.057107	4.902280	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4663

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224570	-0.305761	-0.421261
-7.53E-06	-1.026364	-6.695696	
0.25000	-0.224570	-0.289228	-0.421261
-7.53E-06	-0.505638	-6.788829	
0.50000	-0.224570	-0.270393	-0.421261
-7.53E-06	-0.023525	-6.951666	
0.75000	-0.224570	-0.253129	-0.421261
-7.53E-06	-0.285373	-7.305247	
1.00000	-0.224570	-0.245970	-0.421261
-7.53E-06	-0.555749	-7.964230	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.406483	7.044066	0.261989
0.001235	0.622467	15.352879	
0.25000	0.406483	12.888851	0.261989
0.001235	0.309030	31.016471	
0.50000	0.406483	26.352671	0.261989
0.001235	0.048033	39.180786	
0.75000	0.406483	40.982983	0.261989
0.001235	0.623844	28.073527	
1.00000	0.406483	53.770658	0.261989
0.001235	1.213075	10.272810	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247351	-52.144869	-0.484474
-0.000465	-1.187353	-37.777270	
0.25000	-0.247351	-39.290217	-0.484474
-0.000465	-0.590647	-18.706189	
0.50000	-0.247351	-24.645837	-0.484474
-0.000465	-0.039527	-18.746861	
0.75000	-0.247351	-11.223430	-0.484474
-0.000465	-0.353253	-19.103377	
1.00000	-0.247351	-5.657115	-0.484474
-0.000465	-0.677587	-39.511739	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104323	0.624079	0.067172
0.000551	0.152222	3.527900	
0.25000	0.104323	0.632432	0.067172
0.000551	0.078286	3.012802	
0.50000	0.104323	0.651673	0.067172
0.000551	0.010306	2.546607	
0.75000	0.104323	0.672581	0.067172
0.000551	0.212467	2.180011	
1.00000	0.104323	0.690855	0.067172
0.000551	0.418243	1.906785	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083979	-0.178018	-0.166695
-2.66E-06	-0.406058	-2.598161	
0.25000	-0.083979	-0.159648	-0.166695
-2.66E-06	-0.200244	-2.634982	
0.50000	-0.083979	-0.138720	-0.166695
-2.66E-06	-0.008497	-2.711411	
0.75000	-0.083979	-0.119538	-0.166695
-2.66E-06	-0.186738	-2.819200	
1.00000	-0.083979	-0.111583	-0.166695
-2.66E-06	-0.170390	-3.212312	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.205763	9.215138	0.122862
0.000657	0.280995	14.754005	
0.25000	0.205763	18.110738	0.122862
0.000657	0.146511	39.983551	
0.50000	0.205763	38.602145	0.122862
0.000657	0.050652	53.689622	
0.75000	0.205763	60.869224	0.122862
0.000657	0.403242	37.527132	
1.00000	0.205763	80.331709	0.122862
0.000657	0.768577	10.855739	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4664

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085817	-79.017202	-0.307054
-7.53E-05	-0.756808	-51.224644	
0.25000	-0.085817	-59.452779	-0.307054
-7.53E-05	-0.382191	-22.080080	
0.50000	-0.085817	-37.164441	-0.307054
-7.53E-05	-0.037556	-21.951195	
0.75000	-0.085817	-16.735912	-0.307054
-7.53E-05	-0.183512	-22.137046	
1.00000	-0.085817	-8.262136	-0.307054
-7.53E-05	-0.335354	-52.616628	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.336060	8.652150	0.203655
0.001213	0.478900	15.599636	
0.25000	0.336060	16.703294	0.203655
0.001213	0.242626	38.109045	
0.50000	0.336060	35.249460	0.203655
0.001213	0.052381	50.190851	
0.75000	0.336060	55.402735	0.203655
0.001213	0.551237	35.257455	
1.00000	0.336060	73.017655	0.203655
0.001213	1.063818	10.883878	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.174135	-71.535010	-0.425223
-6.81E-05	-1.046598	-48.593355	
0.25000	-0.174135	-53.827829	-0.425223
-6.81E-05	-0.523879	-22.206781	
0.50000	-0.174135	-33.655313	-0.425223
-6.81E-05	-0.041339	-22.081135	
0.75000	-0.174135	-15.166056	-0.425223
-6.81E-05	-0.283089	-22.257062	
1.00000	-0.174135	-7.498502	-0.425223
-6.81E-05	-0.535179	-49.912222	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.340856	6.267648	0.266147
0.001016	0.632397	15.109248	
0.25000	0.340856	11.122641	0.266147
0.001016	0.312820	27.742046	
0.50000	0.340856	22.306332	0.266147
0.001016	0.046244	34.198184	
0.75000	0.340856	34.459519	0.266147
0.001016	0.644691	24.768312	
1.00000	0.340856	45.081270	0.266147
0.001016	1.255956	9.879067	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.228173	-43.351978	-0.501224
-0.000781	-1.225599	-33.020969	
0.25000	-0.228173	-32.674212	-0.501224
-0.000781	-0.608164	-17.247631	
0.50000	-0.228173	-20.509803	-0.501224
-0.000781	-0.037627	-17.384361	
0.75000	-0.228173	-9.360430	-0.501224
-0.000781	-0.357490	-17.872502	
1.00000	-0.228173	-4.736749	-0.501224
-0.000781	-0.686858	-35.078618	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092211	0.905112	0.162222
6.79E-06	0.391421	4.951613	
0.25000	0.092211	0.913465	0.162222
6.79E-06	0.190355	4.184428	
0.50000	0.092211	0.932705	0.162222
6.79E-06	0.013126	3.525897	
0.75000	0.092211	0.953614	0.162222
6.79E-06	0.307939	3.048581	
1.00000	0.092211	0.971888	0.162222
6.79E-06	0.606530	2.713781	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4665

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.148082	-0.162318	-0.242124
-0.001217	-0.587382	-3.312643	
0.25000	-0.148082	-0.143947	-0.242124
-0.001217	-0.288821	-3.439242	
0.50000	-0.148082	-0.123019	-0.242124
-0.001217	-0.010925	-3.680245	
0.75000	-0.148082	-0.103855	-0.242124
-0.001217	-0.209637	-4.099838	
1.00000	-0.148082	-0.095883	-0.242124
-0.001217	-0.410212	-4.671591	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200285	12.762804	0.238334
6.68E-05	0.563095	18.608044	
0.25000	0.200285	25.392050	0.238334
6.68E-05	0.291165	54.728597	
0.50000	0.200285	54.484075	0.238334
6.68E-05	0.064399	74.493672	
0.75000	0.200285	86.097056	0.238334
6.68E-05	0.509649	51.772076	
1.00000	0.200285	113.728302	0.238334
6.68E-05	0.969763	14.020510	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192379	-112.114158	-0.388771
-0.001451	-0.961448	-71.018020	
0.25000	-0.192379	-84.338189	-0.388771
-0.001451	-0.486245	-29.554535	
0.50000	-0.192379	-52.695027	-0.388771
-0.001451	-0.047357	-29.554451	
0.75000	-0.192379	-23.692271	-0.388771
-0.001451	-0.334456	-29.832691	
1.00000	-0.192379	-11.664735	-0.388771
-0.001451	-0.628959	-72.956032	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.244953	10.026058	0.252188
0.000398	0.594067	18.332229	
0.25000	0.244953	19.129640	0.252188
0.000398	0.300336	43.631515	
0.50000	0.244953	40.100141	0.252188
0.000398	0.060063	57.238534	
0.75000	0.244953	62.887832	0.252188
0.000398	0.615731	40.398616	
1.00000	0.244953	82.805355	0.252188
0.000398	1.186486	12.902911	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182210	-80.899184	-0.473952
-0.001262	-1.163283	-54.441628	
0.25000	-0.182210	-60.877339	-0.473952
-0.001262	-0.581473	-24.740719	
0.50000	-0.182210	-38.067893	-0.473952
-0.001262	-0.045278	-24.811952	
0.75000	-0.182210	-17.161740	-0.473952
-0.001262	-0.357726	-25.345201	
1.00000	-0.182210	-8.491891	-0.473952
-0.001262	-0.662215	-56.944868	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311936	8.651188	0.279909
0.000850	0.664045	17.359800	
0.25000	0.311936	16.206184	0.279909
0.000850	0.332796	38.023936	
0.50000	0.311936	33.609449	0.279909
0.000850	0.056058	48.990165	
0.75000	0.311936	52.520785	0.279909
0.000850	0.675543	34.761778	
1.00000	0.311936	69.050192	0.279909
0.000850	1.309765	11.770195	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4666

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.246109	-67.174905	-0.523278
-0.001052		-1.282642	-47.136332	
0.25000		-0.246109	-50.558924	-0.523278
-0.001052		-0.639323	-30.502148	
0.50000		-0.246109	-31.629532	-0.523278
-0.001052		-0.043724	-22.576489	
0.75000		-0.246109	-14.279669	-0.523278
-0.001052		-0.380718	-23.061830	
1.00000		-0.246109	-7.084625	-0.523278
-0.001052		-0.726519	-49.396678	

COMB DB ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.234102	10.969625	0.166714
0.001510		0.399768	19.881280	
0.25000		0.234102	32.137794	0.166714
0.001510		0.203599	73.059620	
0.50000		0.234102	59.943639	0.166714
0.001510		0.061684	93.275601	
0.75000		0.234102	85.950547	0.166714
0.001510		0.369611	68.046500	
1.00000		0.234102	113.499322	0.166714
0.001510		0.714764	16.512564	

COMB DB ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.167121	-112.283780	-0.287351
-0.001485		-0.714732	-77.969052	
0.25000		-0.167121	-85.074307	-0.287351
-0.001485		-0.359838	-30.706361	
0.50000		-0.167121	-59.022290	-0.287351
-0.001485		-0.051907	-30.171916	
0.75000		-0.167121	-31.273330	-0.287351
-0.001485		-0.225535	-30.210373	
1.00000		-0.167121	-10.340496	-0.287351
-0.001485		-0.431527	-78.196890	

COMB DL ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.406483	12.762804	0.279909
0.001487		0.664045	18.608044	
0.25000		0.406483	25.392050	0.279909
0.001487		0.332796	54.728597	
0.50000		0.406483	54.484075	0.279909
0.001487		0.064399	74.493672	
0.75000		0.406483	86.097056	0.279909
0.001487		0.675543	51.772076	
1.00000		0.406483	113.728302	0.279909
0.001487		1.309765	14.020510	

COMB DL ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.251000	-112.114158	-0.523278
-0.001451		-1.282642	-71.018020	
0.25000		-0.251000	-84.338189	-0.523278
-0.001451		-0.639323	-29.654635	
0.50000		-0.251000	-52.659027	-0.523278
-0.001451		-0.047357	-29.554451	
0.75000		-0.251000	-23.692271	-0.523278
-0.001451		-0.380718	-29.832691	
1.00000		-0.251000	-11.664735	-0.523278
-0.001451		-0.726519	-72.956032	

COMB CAR ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.406483	12.762804	0.279909
0.001510		0.664045	19.881280	
0.25000		0.406483	32.137794	0.279909
0.001510		0.332796	73.059620	
0.50000		0.406483	59.943639	0.279909
0.001510		0.064399	93.275601	
0.75000		0.406483	86.097056	0.279909
0.001510		0.675543	68.046500	
1.00000		0.406483	113.728302	0.279909
0.001510		1.309765	16.512564	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4667

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.251000	-112.283780	-0.523278
-0.001485		-1.282642	-77.969052	
0.25000		-0.251000	-85.074307	-0.523278
-0.001485		-0.639323	-30.706361	
0.50000		-0.251000	-59.022290	-0.523278
-0.001485		-0.051907	-30.171916	
0.75000		-0.251000	-31.273330	-0.523278
-0.001485		-0.380718	-30.210373	
1.00000		-0.251000	-11.664735	-0.523278
-0.001485		-0.726519	-78.196890	

COMB DESIGN ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.406483	12.762804	0.279909
0.001510		0.664045	19.881280	
0.25000		0.406483	32.137794	0.279909
0.001510		0.332796	73.059620	
0.50000		0.406483	59.943639	0.279909
0.001510		0.064399	93.275601	
0.75000		0.406483	86.097056	0.279909
0.001510		0.675543	68.046500	
1.00000		0.406483	113.728302	0.279909
0.001510		1.309765	16.512564	

COMB DESIGN ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.251000	-112.283780	-0.523278
-0.001485		-1.282642	-77.969052	
0.25000		-0.251000	-85.074307	-0.523278
-0.001485		-0.639323	-30.706361	
0.50000		-0.251000	-59.022290	-0.523278
-0.001485		-0.051907	-30.171916	
0.75000		-0.251000	-31.273330	-0.523278
-0.001485		-0.380718	-30.210373	
1.00000		-0.251000	-11.664735	-0.523278
-0.001485		-0.726519	-78.196890	

ELEM 454 ========== LENGTH = 4.943366

COMB DB-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.109918	0.260918	0.070166
0.000718		0.176783	0.745844	
0.25000		0.109918	0.285739	0.070166
0.000718		0.090091	0.751415	
0.50000		0.109918	0.317968	0.070166
0.000718		0.003431	0.751044	
0.75000		0.109918	0.345150	0.070166
0.000718		0.100406	0.710853	
1.00000		0.109918	0.380683	0.070166
0.000718		0.204782	0.652803	

COMB DB-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.097088	-0.268246	-0.084460
-0.000114		-0.212764	-1.934546	
0.25000		-0.097088	-0.237814	-0.084460
-0.000114		-0.108445	-1.729994	
0.50000		-0.097088	-0.207649	-0.084460
-0.000114		-0.004825	-1.575519	
0.75000		-0.097088	-0.176351	-0.084460
-0.000114		-0.083516	-1.423065	
1.00000		-0.097088	-0.154590	-0.084460
-0.000114		-0.170211	-1.336657	

COMB DB-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.139610	0.897292	0.113251
0.001288		0.284322	2.341643	
0.25000		0.139610	1.592277	0.113251
0.001288		0.145218	3.500302	
0.50000		0.139610	2.494713	0.113251
0.001288		0.006721	3.889080	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4668

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.139610	3.255802	0.113251
0.001288		0.195463	3.045576	
1.00000		0.139610	4.250735	0.113251
0.001288		0.398583	1.621388	

COMB DB-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.187078	-3.721596	-0.164881
-2.22E-06		-0.416569	-5.902104	
0.25000		-0.187078	-2.869496	-0.164881
-2.22E-06		-0.212871	-4.236893	
0.50000		-0.187078	-2.024866	-0.164881
-2.22E-06		-0.010536	-3.855486	
0.75000		-0.187078	-1.148527	-0.164881
-2.22E-06		-0.136554	-3.525301	
1.00000		-0.187078	-0.539221	-0.164881
-2.22E-06		-0.276480	-4.910165	

COMB DB-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.171839	1.275115	0.142533
0.001539		0.349421	4.265334	
0.25000		0.171839	1.297454	0.142533
0.001539		0.173186	3.204105	
0.50000		0.171839	1.326461	0.142533
0.001539		0.008088	2.455501	
0.75000		0.171839	1.350924	0.142533
0.001539		0.272800	1.960491	
1.00000		0.171839	1.382904	0.142533
0.001539		0.558599	1.658423	

COMB DB-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.172721	-0.304120	-0.231304
-4.14E-07		-0.584869	-5.415557	
0.25000		-0.172721	-0.276731	-0.231304
-4.14E-07		-0.299131	-5.211528	
0.50000		-0.172721	-0.249582	-0.231304
-4.14E-07		-0.014534	-5.051696	
0.75000		-0.172721	-0.221414	-0.231304
-4.14E-07		-0.178952	-4.896866	
1.00000		-0.172721	-0.201829	-0.231304
-4.14E-07		-0.355167	-4.801190	

COMB DB-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.194996	5.237816	0.163358
0.001276		0.400375	12.436443	
0.25000		0.194996	18.399086	0.163358
0.001276		0.207026	43.449281	
0.50000		0.194996	35.488966	0.163358
0.001276		0.031233	53.864529	
0.75000		0.194996	49.902098	0.163358
0.001276		0.312974	37.675351	
1.00000		0.194996	68.743647	0.163358
0.001276		0.631873	10.615765	

COMB DB-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.178782	-66.999983	-0.267398
-0.000442		-0.690012	-50.149914	
0.25000		-0.178782	-50.863337	-0.267398
-0.000442		-0.359662	-22.113051	
0.50000		-0.178782	-34.868148	-0.267398
-0.000442		-0.030583	-18.332517	
0.75000		-0.178782	-18.272485	-0.267398
-0.000442		-0.211142	-15.465485	
1.00000		-0.178782	-6.733748	-0.267398
-0.000442		-0.411978	-45.008581	

COMB DB-G2-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.039146	0.583553	0.045872
0.000619		0.110454	1.833446	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4669

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.039146	0.608374	0.045872
0.000619		0.053742	1.268653	
0.50000		0.039146	0.640604	0.045872
0.000619		0.002443	0.877424	
0.75000		0.039146	0.667786	0.045872
0.000619		0.112751	0.719147	
1.00000		0.039146	0.703319	0.045872
0.000619		0.230989	0.662060	

COMB DB-G2-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.085208	-0.178094	-0.095728
-4.41E-06		-0.242335	-2.250940	
0.25000		-0.085208	-0.147662	-0.095728
-4.41E-06		-0.123981	-2.181669	
0.50000		-0.085208	-0.117497	-0.095728
-4.41E-06		-0.006116	-2.158925	
0.75000		-0.085208	-0.086199	-0.095728
-4.41E-06		-0.059582	-2.138573	
1.00000		-0.085208	-0.064438	-0.095728
-4.41E-06		-0.116316	-2.181129	

COMB DB-G2-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.112225	6.182649	0.092519
0.000842		0.219273	13.794865	
0.25000		0.112225	24.202606	0.092519
0.000842		0.116638	56.938680	
0.50000		0.112225	47.601480	0.092519
0.000842		0.035514	71.659789	
0.75000		0.112225	67.335443	0.092519
0.000842		0.225515	49.741395	
1.00000		0.112225	93.132642	0.092519
0.000842		0.449300	12.735010	

COMB DB-G2-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.097383	-91.397066	-0.193868
-4.78E-05		-0.509101	-64.489775	
0.25000		-0.097383	-69.303827	-0.193868
-4.78E-05		-0.269566	-26.251012	
0.50000		-0.097383	-47.403267	-0.193868
-4.78E-05		-0.037806	-21.220628	
0.75000		-0.097383	-24.681058	-0.193868
-4.78E-05		-0.131797	-17.438254	
1.00000		-0.097383	-8.882617	-0.193868
-4.78E-05		-0.244672	-58.027963	

COMB DB-G2-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.166332	5.801954	0.136367
0.001323		0.331043	13.064688	
0.25000		0.166332	22.086932	0.136367
0.001323		0.173091	51.973290	
0.50000		0.166332	43.232939	0.136367
0.001323		0.034660	65.277580	
0.75000		0.166332	61.066896	0.136367
0.001323		0.287919	45.457790	
1.00000		0.166332	84.383815	0.136367
0.001323		0.577615	12.016515	

COMB DB-G2-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.147752	-82.676900	-0.245987
-4.32E-05		-0.638418	-59.802279	
0.25000		-0.147752	-62.710368	-0.245987
-4.32E-05		-0.334469	-25.147451	
0.50000		-0.147752	-42.918868	-0.245987
-4.32E-05		-0.038213	-20.504158	
0.75000		-0.147752	-22.384375	-0.245987
-4.32E-05		-0.181813	-16.989669	
1.00000		-0.147752	-8.107024	-0.245987
-4.32E-05		-0.349027	-53.575988	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4670

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.175208	4.701432	0.169267
0.001108		0.414907	11.693611	
0.25000		0.175208	15.386820	0.169267
0.001108		0.172641	36.375537	
0.50000		0.175208	29.261772	0.169267
0.001108		0.027095	44.483769	
0.75000		0.175208	40.963522	0.169267
0.001108		0.319385	31.101583	
1.00000		0.175208	56.260622	0.169267
0.001108		0.647476	8.986132	

COMB DB-G2-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.162153	-54.387826	-0.273117
-0.000737		-0.702686	-42.210137	
0.25000		-0.162153	-41.286786	-0.273117
-0.000737		-0.365212	-19.487688	
0.50000		-0.162153	-28.300593	-0.273117
-0.000737		-0.033142	-16.457520	
0.75000		-0.162153	-14.826887	-0.273117
-0.000737		-0.217396	-14.168410	
1.00000		-0.162153	-5.458803	-0.273117
-0.000737		-0.425745	-38.191909	

COMB DB-G3-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065897	0.800896	0.097879
1.07E-05		0.243913	2.869468	
0.25000		0.065897	0.825717	0.097879
1.07E-05		0.122960	2.128111	
0.50000		0.065897	0.857947	0.097879
1.07E-05		0.003386	1.445936	
0.75000		0.065897	0.885128	0.097879
1.07E-05		0.127579	0.935675	
1.00000		0.065897	0.920662	0.097879
1.07E-05		0.258413	0.822970	

COMB DB-G3-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.063092	-0.148472	-0.107672
-0.001171		-0.273986	-3.115331	
0.25000		-0.063092	-0.118040	-0.107672
-0.001171		-0.140925	-3.113008	
0.50000		-0.063092	-0.087874	-0.107672
-0.001171		-0.008159	-3.156430	
0.75000		-0.063092	-0.056576	-0.107672
-0.001171		-0.118981	-3.201571	
1.00000		-0.063092	-0.034816	-0.107672
-0.001171		-0.239949	-3.307828	

COMB DB-G3-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.143030	7.423658	0.143005
0.000121		0.351310	16.543622	
0.25000		0.143030	29.365314	0.143005
0.000121		0.188939	69.280584	
0.50000		0.143030	57.856505	0.143005
0.000121		0.042681	87.242969	
0.75000		0.143030	81.885186	0.143005
0.000121		0.228956	60.552387	
1.00000		0.143030	113.296652	0.143005
0.000121		0.454778	15.595879	

COMB DB-G3-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.098317	-111.341240	-0.198292
-0.001354		-0.525586	-78.209466	
0.25000		-0.098317	-84.439221	-0.198292
-0.001354		-0.280537	-31.715718	
0.50000		-0.098317	-57.773032	-0.198292
-0.001354		-0.044781	-25.656537	
0.75000		-0.098317	-30.105769	-0.198292
-0.001354		-0.188851	-21.115564	
1.00000		-0.098317	-10.869101	-0.198292
-0.001354		-0.363656	-76.600971	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4671

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.154415	5.940558	0.166812
0.000573		0.405299	14.499371	
0.25000		0.154415	20.996903	0.166812
0.000573		0.208917	49.789307	
0.50000		0.154415	40.547532	0.166812
0.000573		0.032397	61.348361	
0.75000		0.154415	57.035991	0.166812
0.000573		0.300629	42.497574	
1.00000		0.154415	78.590511	0.166812
0.000573		0.607171	11.349409	

COMB DB-G3-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.115100	-76.375550	-0.258730
-0.001219		-0.671945	-56.743254	
0.25000		-0.115100	-57.915409	-0.258730
-0.001219		-0.352241	-24.856861	
0.50000		-0.115100	-39.617094	-0.258730
-0.001219		-0.039272	-20.717167	
0.75000		-0.115100	-20.631843	-0.258730
-0.001219		-0.219875	-17.620110	
1.00000		-0.115100	-7.431659	-0.258730
-0.001219		-0.424818	-51.597284	

COMB DB-G3-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.171166	5.202252	0.179859
0.000963		0.440799	12.768125	
0.25000		0.171166	17.656127	0.179859
0.000963		0.226605	41.706307	
0.50000		0.171166	33.827456	0.179859
0.000963		0.029380	51.215080	
0.75000		0.171166	47.465907	0.179859
0.000963		0.325958	35.620964	
1.00000		0.171166	65.294757	0.179859
0.000963		0.660002	9.835564	

COMB DB-G3-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.159091	-63.230544	-0.279174
-0.001016		-0.720191	-48.334776	
0.25000		-0.159091	-47.961214	-0.279174
-0.001016		-0.375209	-21.402393	
0.50000		-0.159091	-32.825738	-0.279174
-0.001016		-0.036261	-18.421207	
0.75000		-0.159091	-17.122063	-0.279174
-0.001016		-0.231598	-15.802701	
1.00000		-0.159091	-6.203512	-0.279174
-0.001016		-0.452873	-43.850725	

COMB DL-G1-1 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.239339	0.327538	0.137585
0.000764		0.340426	1.389898	
0.25000		0.239339	0.338690	0.137585
0.000764		0.169729	1.153178	
0.50000		0.239339	0.358421	0.137585
0.000764		0.004485	1.043572	
0.75000		0.239339	0.379374	0.137585
0.000764		0.211492	0.955933	
1.00000		0.239339	0.396774	0.137585
0.000764		0.430488	0.898765	

COMB DL-G1-1 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.169500	-0.258693	-0.177179
-2.98E-07		-0.445413	-2.600911	
0.25000		-0.169500	-0.239860	-0.177179
-2.98E-07		-0.226458	-2.535247	
0.50000		-0.169500	-0.218584	-0.177179
-2.98E-07		-0.010800	-2.547167	
0.75000		-0.169500	-0.199544	-0.177179
-2.98E-07		-0.168335	-2.612127	
1.00000		-0.169500	-0.192743	-0.177179
-2.98E-07		-0.338624	-2.752117	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4672

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.299991	0.963425	0.215463
0.001356		0.531018	2.943608	
0.25000		0.299991	1.286850	0.215463
0.001356		0.264646	4.124535	
0.50000		0.299991	1.859038	0.215463
0.001356		0.008032	3.099716	
0.75000		0.299991	2.466680	0.215463
0.001356		0.393772	2.495037	
1.00000		0.299991	2.971274	0.215463
0.001356		0.801603	1.811583	

COMB DL-G1-2 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.298705	-2.386789	-0.330159
-1.47E-06		-0.830805	-6.287684	
0.25000		-0.298705	-1.840655	-0.330159
-1.47E-06		-0.422897	-5.650196	
0.50000		-0.298705	-1.223649	-0.330159
-1.47E-06		-0.021860	-5.798074	
0.75000		-0.298705	-0.671481	-0.330159
-1.47E-06		-0.266380	-6.129571	
1.00000		-0.298705	-0.474252	-0.330159
-1.47E-06		-0.532631	-7.492258	

COMB DL-G1-3 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.326579	1.506081	0.253433
0.001502		0.616891	4.919999	
0.25000		0.326579	1.516118	0.253433
0.001502		0.303416	3.919031	
0.50000		0.326579	1.533875	0.253433
0.001502		0.010664	3.167733	
0.75000		0.326579	1.552733	0.253433
0.001502		0.502875	2.750869	
1.00000		0.326579	1.568393	0.253433
0.001502		1.023595	2.665670	

COMB DL-G1-3 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.274729	-0.322233	-0.421447
-7.42E-06		-1.059672	-7.918974	
0.25000		-0.274729	-0.305284	-0.421447
-7.42E-06		-0.539242	-8.378248	
0.50000		-0.274729	-0.286136	-0.421447
-7.42E-06		-0.031331	-9.013131	
0.75000		-0.274729	-0.268999	-0.421447
-7.42E-06		-0.320684	-9.905660	
1.00000		-0.274729	-0.262878	-0.421447
-7.42E-06		-0.634077	-10.996765	

COMB DL-G1-4 ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.374040	4.981387	0.300082
0.001256		0.734472	10.309280	
0.25000		0.374040	12.785399	0.300082
0.001256		0.368688	26.742364	
0.50000		0.374040	26.591901	0.300082
0.001256		0.029358	34.611557	
0.75000		0.374040	41.253879	0.300082
0.001256		0.581671	23.335220	
1.00000		0.374040	53.429382	0.300082
0.001256		1.172044	8.175762	

COMB DL-G1-4 ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.280729	-51.987339	-0.485320
-0.000445		-1.229033	-39.478214	
0.25000		-0.280729	-38.809487	-0.485320
-0.000445		-0.629667	-21.123611	
0.50000		-0.280729	-23.921566	-0.485320
-0.000445		-0.047959	-19.369100	
0.75000		-0.280729	-10.598118	-0.485320
-0.000445		-0.386588	-18.280833	
1.00000		-0.280729	-5.839136	-0.485320
-0.000445		-0.757535	-39.797603	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.055613	0.687200	0.078506
0.000603	0.189355	1.917201	
0.25000	0.055613	0.698353	0.078506
0.000603	0.092318	1.490427	
0.50000	0.055613	0.718083	0.078506
0.000603	0.003432	1.156121	
0.75000	0.055613	0.739037	0.078506
0.000603	0.199872	0.958997	
1.00000	0.055613	0.756436	0.078506
0.000603	0.406717	0.886597	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.115993	-0.134796	-0.167560
-2.61E-06	-0.421761	-3.191361	
0.25000	-0.115993	-0.115964	-0.167560
-2.61E-06	-0.214912	-3.455620	
0.50000	-0.115993	-0.094688	-0.167560
-2.61E-06	-0.012837	-3.806186	
0.75000	-0.115993	-0.075648	-0.167560
-2.61E-06	-0.101320	-4.271661	
1.00000	-0.115993	-0.068847	-0.167560
-2.61E-06	-0.198227	-4.858184	

COMB DL-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.151706	6.099217	0.153972
0.000745	0.374716	10.883259	
0.25000	0.151706	17.976705	0.153972
0.000745	0.192587	36.885243	
0.50000	0.151706	38.989817	0.153972
0.000745	0.034116	49.598956	
0.75000	0.151706	61.304938	0.153972
0.000745	0.373486	32.623700	
1.00000	0.151706	79.835715	0.153972
0.000745	0.742545	9.465063	

COMB DL-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.120819	-78.670521	-0.309978
-4.47E-05	-0.793885	-52.588601	
0.25000	-0.120819	-58.614199	-0.309978
-4.47E-05	-0.411704	-24.258115	
0.50000	-0.120819	-35.955197	-0.309978
-4.47E-05	-0.044095	-21.014113	
0.75000	-0.120819	-15.677280	-0.309978
-4.47E-05	-0.211483	-18.630037	
1.00000	-0.120819	-8.434243	-0.309978
-4.47E-05	-0.401552	-50.447323	

COMB DL-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.275940	5.809306	0.238613
0.001268	0.594157	10.009675	
0.25000	0.275940	16.559269	0.238613
0.001268	0.296432	34.247669	
0.50000	0.275940	35.577615	0.238613
0.001268	0.034202	45.651490	
0.75000	0.275940	55.774371	0.238613
0.001268	0.511924	30.211358	
1.00000	0.275940	72.548029	0.238613
0.001268	1.025804	9.224592	

COMB DL-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.225904	-71.303610	-0.426275
-4.04E-05	-1.084696	-49.874962	
0.25000	-0.225904	-53.151226	-0.426275
-4.04E-05	-0.558906	-24.201918	
0.50000	-0.225904	-32.643234	-0.426275
-4.04E-05	-0.048979	-21.267994	
0.75000	-0.225904	-14.290292	-0.426275
-4.04E-05	-0.313272	-19.190515	
1.00000	-0.225904	-7.734832	-0.426275
-4.04E-05	-0.607976	-48.173546	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.317297	4.598660	0.305190
0.001062	0.744864	9.928097	
0.25000	0.317297	11.081091	0.305190
0.001062	0.534771	23.256884	
0.50000	0.317297	22.549515	0.305190
0.001062	0.026376	29.527710	
0.75000	0.317297	34.728543	0.305190
0.001062	0.603363	20.011519	
1.00000	0.317297	44.842171	0.305190
0.001062	1.218038	7.380981	

COMB DL-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.254477	-43.152010	-0.503729
-0.000776	-1.227831	-30.057389	
0.25000	-0.254477	-32.205778	-0.503729
-0.000776	-0.651043	-20.029312	
0.50000	-0.254477	-19.839069	-0.503729
-0.000776	-0.047505	-18.830120	
0.75000	-0.254477	-8.771897	-0.503729
-0.000776	-0.393584	-18.259416	
1.00000	-0.254477	-4.818830	-0.503729
-0.000776	-0.770842	-36.584278	

COMB DL-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.132552	0.933035	0.176258
8.79E-06	0.430930	2.759092	
0.25000	0.132552	0.944188	0.176258
8.79E-06	0.212985	2.176171	
0.50000	0.132552	0.963918	0.176258
8.79E-06	0.004669	1.708427	
0.75000	0.132552	0.984872	0.176258
8.79E-06	0.291893	1.396798	
1.00000	0.132552	1.002271	0.176258
8.79E-06	0.593606	1.216994	

COMB DL-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.117856	-0.100475	-0.244208
-0.001272	-0.610821	-4.688866	
0.25000	-0.117856	-0.081642	-0.244208
-0.001272	-0.309712	-5.146574	
0.50000	-0.117856	-0.060366	-0.244208
-0.001272	-0.016215	-5.722612	
0.75000	-0.117856	-0.041326	-0.244208
-0.001272	-0.222390	-6.400744	
1.00000	-0.117856	-0.034525	-0.244208
-0.001272	-0.440291	-7.223331	

COMB DL-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.255204	8.253619	0.264206
8.37E-05	0.652148	14.085580	
0.25000	0.255204	25.116305	0.264206
8.37E-05	0.337032	51.320292	
0.50000	0.255204	54.949006	0.264206
8.37E-05	0.045711	69.605830	
0.75000	0.255204	86.630191	0.264206
8.37E-05	0.472648	45.643113	
1.00000	0.255204	112.938675	0.264206
8.37E-05	0.936130	12.839698	

COMB DL-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.160622	-111.705122	-0.391550
-0.001426	-1.000429	-72.972853	
0.25000	-0.160622	-83.230794	-0.391550
-0.001426	-0.518835	-32.632741	
0.50000	-0.160622	-51.061395	-0.391550
-0.001426	-0.053788	-27.836305	
0.75000	-0.160622	-22.272465	-0.391550
-0.001426	-0.349410	-24.154633	
1.00000	-0.160622	-11.989392	-0.391550
-0.001426	-0.675743	-68.975675	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.253981	6.840752	0.292291
0.000470	0.713789	12.970632	
0.25000	0.253981	18.995938	0.292291
0.000470	0.360817	39.196793	
0.50000	0.253981	40.500343	0.292291
0.000470	0.037647	51.901034	
0.75000	0.253981	63.337197	0.292291
0.000470	0.575213	34.289940	
1.00000	0.253981	82.301229	0.292291
0.000470	1.151561	10.459711	

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.176229	-80.495659	-0.478482
-0.001310	-1.214590	-56.942480	
0.25000	-0.176229	-59.970414	-0.478482
-0.001310	-0.625042	-28.297290	
0.50000	-0.176229	-36.781639	-0.478482
-0.001310	-0.055177	-25.352722	
0.75000	-0.176229	-16.029619	-0.478482
-0.001310	-0.385601	-23.400971	
1.00000	-0.176229	-8.617237	-0.478482
-0.001310	-0.746660	-56.486436	

COMB DL-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.295278	6.019138	0.318754
0.000893	0.779763	11.830256	
0.25000	0.295278	16.106638	0.318754
0.000893	0.392729	33.345988	
0.50000	0.295278	33.952986	0.318754
0.000893	0.033876	43.735916	
0.75000	0.295278	52.905124	0.318754
0.000893	0.631741	29.068610	
1.00000	0.295278	68.643234	0.318754
0.000893	1.269935	9.289961	

COMB DL-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.262893	-66.870257	-0.526500
-0.001091	-1.333459	-49.382313	
0.25000	-0.262893	-49.836507	-0.526500
-0.001091	-0.684315	-25.644448	
0.50000	-0.262893	-30.592313	-0.526500
-0.001091	-0.054220	-23.332102	
0.75000	-0.262893	-13.370364	-0.526500
-0.001091	-0.414179	-21.851068	
1.00000	-0.262893	-7.218883	-0.526500
-0.001091	-0.807816	-49.538946	

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.194996	7.423658	0.179859
0.001539	0.440799	16.543622	
0.25000	0.194996	29.365314	0.179859
0.001539	0.226605	69.280584	
0.50000	0.194996	57.856505	0.179859
0.001539	0.042681	87.242969	
0.75000	0.194996	81.885186	0.179859
0.001539	0.325958	60.552387	
1.00000	0.194996	113.296652	0.179859
0.001539	0.660002	15.595879	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.187078	-111.341240	-0.279174
-0.001354	-0.720191	-78.209466	
0.25000	-0.187078	-84.439221	-0.279174
-0.001354	-0.375209	-31.715718	
0.50000	-0.187078	-57.773032	-0.279174
-0.001354	-0.044781	-25.656537	
0.75000	-0.187078	-30.105769	-0.279174
-0.001354	-0.231598	-21.115664	
1.00000	-0.187078	-10.869101	-0.279174
-0.001354	-0.452873	-70.600971	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.374040	8.253619	0.318754
0.001502	0.779763	14.085580	
0.25000	0.374040	25.116305	0.318754
0.001502	0.392729	51.320292	
0.50000	0.374040	54.949006	0.318754
0.001502	0.045711	69.605830	
0.75000	0.374040	86.630191	0.318754
0.001502	0.631741	45.643113	
1.00000	0.374040	112.938675	0.318754
0.001502	1.269935	12.839698	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.298705	-111.705122	-0.526500
-0.001426	-1.333459	-72.972853	
0.25000	-0.298705	-83.230794	-0.526500
-0.001426	-0.684315	-32.632741	
0.50000	-0.298705	-51.061395	-0.526500
-0.001426	-0.055177	-27.836305	
0.75000	-0.298705	-22.272465	-0.526500
-0.001426	-0.414179	-24.154633	
1.00000	-0.298705	-11.989392	-0.526500
-0.001426	-0.807816	-68.975675	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.374040	8.253619	0.318754
0.001539	0.779763	16.543622	
0.25000	0.374040	29.365314	0.318754
0.001539	0.392729	69.280584	
0.50000	0.374040	57.856505	0.318754
0.001539	0.045711	87.242969	
0.75000	0.374040	86.630191	0.318754
0.001539	0.631741	60.552387	
1.00000	0.374040	113.296652	0.318754
0.001539	1.269935	15.595879	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.298705	-111.705122	-0.526500
-0.001426	-1.333459	-78.209466	
0.25000	-0.298705	-84.439221	-0.526500
-0.001426	-0.684315	-32.632741	
0.50000	-0.298705	-57.773032	-0.526500
-0.001426	-0.055177	-27.836305	
0.75000	-0.298705	-30.105769	-0.526500
-0.001426	-0.414179	-24.154633	
1.00000	-0.298705	-11.989392	-0.526500
-0.001426	-0.807816	-70.600971	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.374040	8.253619	0.318754
0.001539	0.779763	16.543622	
0.25000	0.374040	29.365314	0.318754
0.001539	0.392729	69.280584	
0.50000	0.374040	57.856505	0.318754
0.001539	0.045711	87.242969	
0.75000	0.374040	86.630191	0.318754
0.001539	0.631741	60.552387	
1.00000	0.374040	113.296652	0.318754
0.001539	1.269935	15.595879	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.298705	-111.705122	-0.526500
-0.001426	-1.333459	-78.209466	
0.25000	-0.298705	-84.439221	-0.526500
-0.001426	-0.684315	-32.632741	
0.50000	-0.298705	-57.773032	-0.526500
-0.001426	-0.055177	-27.836305	
0.75000	-0.298705	-30.105769	-0.526500
-0.001426	-0.414179	-24.154633	
1.00000	-0.298705	-11.989392	-0.526500
-0.001426	-0.807816	-70.600971	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 455 ========== LENGTH = 3.460026

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.114436	0.213583	0.127342
0.000630	0.224287	0.641317	
0.25000	0.114436	0.238982	0.127342
0.000630	0.114141	0.652889	
0.50000	0.114436	0.266241	0.127342
0.000630	0.004028	0.638813	
0.75000	0.114436	0.294481	0.127342
0.000630	0.120403	0.594241	
1.00000	0.114436	0.314618	0.127342
0.000630	0.246680	0.538936	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.116541	-0.187550	-0.146627
-0.000389	-0.260709	-1.355727	
0.25000	-0.116541	-0.168387	-0.146627
-0.000389	-0.133905	-1.277019	
0.50000	-0.116541	-0.143009	-0.146627
-0.000389	-0.007105	-1.276033	
0.75000	-0.116541	-0.112786	-0.146627
-0.000389	-0.108739	-1.395458	
1.00000	-0.116541	-0.090494	-0.146627
-0.000389	-0.217067	-1.551006	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.155082	0.860003	0.219369
0.001100	0.381898	1.606569	
0.25000	0.155082	1.571162	0.219369
0.001100	0.192292	2.758382	
0.50000	0.155082	2.334420	0.219369
0.001100	0.007503	3.097732	
0.75000	0.155082	3.125135	0.219369
0.001100	0.229509	2.566261	
1.00000	0.155082	3.688990	0.219369
0.001100	0.474384	1.643326	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.223661	-3.737497	-0.283308
-0.000629	-0.506342	-4.943812	
0.25000	-0.223661	-3.200930	-0.283308
-0.000629	-0.261303	-3.790892	
0.50000	-0.223661	-2.490364	-0.283308
-0.000629	-0.016559	-3.610847	
0.75000	-0.223661	-1.644114	-0.283308
-0.000629	-0.387712	-3.654099	
1.00000	-0.223661	-1.019947	-0.283308
-0.000629	-0.381513	-4.592415	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.147544	1.007135	0.300792
0.001336	0.518596	1.654354	
0.25000	0.147544	1.029993	0.300792
0.001336	0.258420	1.612090	
0.50000	0.147544	1.054527	0.300792
0.001336	0.006215	1.560125	
0.75000	0.147544	1.079942	0.300792
0.001336	0.318705	1.480890	
1.00000	0.147544	1.098066	0.300792
0.001336	0.661239	1.475599	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.216872	-0.419923	-0.395997
-0.000504	-0.708952	-4.848849	
0.25000	-0.216872	-0.402677	-0.395997
-0.000504	-0.366435	-4.706549	
0.50000	-0.216872	-0.379837	-0.395997
-0.000504	-0.023618	-4.758565	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	-0.216872	-0.352636	-0.395997
-0.000504	-0.266499	-5.110908	
1.00000	-0.216872	-0.332574	-0.395997
-0.000504	-0.525926	-5.511328	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.186517	7.630405	0.342754
0.001315	0.591451	10.612731	
0.25000	0.186517	21.097983	0.342754
0.001315	0.297923	33.200946	
0.50000	0.186517	35.552187	0.342754
0.001315	0.027644	40.391869	
0.75000	0.186517	50.526342	0.342754
0.001315	0.356338	31.165833	
1.00000	0.186517	61.204346	0.342754
0.001315	0.741206	11.078713	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.218274	-62.192185	-0.449057
-0.000763	-0.821175	-45.054213	
0.25000	-0.218274	-52.030965	-0.449057
-0.000763	-0.432757	-25.335853	
0.50000	-0.218274	-38.574622	-0.449057
-0.000763	-0.051051	-22.126606	
0.75000	-0.218274	-22.548751	-0.449057
-0.000763	-0.313606	-19.240696	
1.00000	-0.218274	-10.728587	-0.449057
-0.000763	-0.607310	-33.191063	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.029189	0.477300	0.110586
0.000522	0.187281	0.660963	
0.25000	0.029189	0.502699	0.110586
0.000522	0.091621	0.676109	
0.50000	0.029189	0.529958	0.110586
0.000522	0.002303	0.663856	
0.75000	0.029189	0.558198	0.110586
0.000522	0.129952	0.623598	
1.00000	0.029189	0.578335	0.110586
0.000522	0.270523	0.677043	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.113011	-0.493947	-0.162517
-0.000205	-0.291805	-2.198879	
0.25000	-0.113011	-0.474784	-0.162517
-0.000205	-0.151227	-2.086589	
0.50000	-0.113011	-0.449406	-0.162517
-0.000205	-0.010515	-2.083332	
0.75000	-0.113011	-0.419183	-0.162517
-0.000205	-0.099705	-2.201884	
1.00000	-0.113011	-0.396891	-0.162517
-0.000205	-0.195368	-2.358249	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.071264	9.504768	0.226081
0.000730	0.382659	12.740531	
0.25000	0.071264	27.944112	0.226081
0.000730	0.191134	44.123264	
0.50000	0.071264	47.734310	0.226081
0.000730	0.031448	54.142034	
0.75000	0.071264	68.236409	0.226081
0.000730	0.249712	41.559519	
1.00000	0.071264	82.856361	0.226081
0.000730	0.521056	13.943969	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.125920	-84.845029	-0.319340
-0.000102	-0.595669	-58.052497	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	-0.125920	-70.932637	-0.319340
-0.000102	-0.319439	-31.104396	
0.50000	-0.125920	-52.508677	-0.319340
-0.000102	-0.052595	-26.647001	
0.75000	-0.125920	-30.566607	-0.319340
-0.000102	-0.217686	-22.357539	
1.00000	-0.125920	-14.382847	-0.319340
-0.000102	-0.412595	-41.125998	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.141484	8.703195	0.300121
0.001147	0.512445	12.013365	
0.25000	0.141484	25.367180	0.300121
0.001147	0.257793	40.352754	
0.50000	0.141484	43.251958	0.300121
0.001147	0.031415	49.385320	
0.75000	0.141484	61.780092	0.300121
0.001147	0.325083	37.992917	
1.00000	0.141484	74.992423	0.300121
0.001147	0.676035	12.994544	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.187281	-76.736611	-0.410828
-0.000385	-0.756106	-53.613284	
0.25000	-0.187281	-64.163717	-0.410828
-0.000385	-0.400737	-29.211856	
0.50000	-0.187281	-47.513634	-0.410828
-0.000385	-0.053873	-25.180397	
0.75000	-0.187281	-27.684169	-0.410828
-0.000385	-0.280762	-21.415604	
1.00000	-0.187281	-13.058597	-0.410828
-0.000385	-0.539778	-38.457946	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.171337	6.555022	0.355932
0.001294	0.612380	8.985758	
0.25000	0.171337	17.489096	0.355932
0.001294	0.307977	27.261307	
0.50000	0.171337	29.224193	0.355932
0.001294	0.023565	33.160589	
0.75000	0.171337	41.381427	0.355932
0.001294	0.365075	25.657935	
1.00000	0.171337	50.050698	0.355932
0.001294	0.757048	9.241302	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.197551	-50.547747	-0.458566
-0.000934	-0.836600	-38.239859	
0.25000	-0.197551	-42.298043	-0.458566
-0.000934	-0.439937	-22.206689	
0.50000	-0.197551	-31.373092	-0.458566
-0.000934	-0.048591	-19.621656	
0.75000	-0.197551	-18.361988	-0.458566
-0.000934	-0.321075	-17.392098	
1.00000	-0.197551	-8.765420	-0.458566
-0.000934	-0.628570	-28.839671	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.082626	0.686919	0.188565
0.000501	0.329588	0.845411	
0.25000	0.082626	0.712317	0.188565
0.000501	0.166484	0.843147	
0.50000	0.082626	0.739576	0.188565
0.000501	0.003461	0.820177	
0.75000	0.082626	0.767816	0.188565
0.000501	0.166697	0.779813	
1.00000	0.082626	0.787954	0.188565
0.000501	0.336699	0.726040	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067897	-0.185486	-0.196532
-0.000986	-0.343322	-3.330336	
0.25000	-0.067897	-0.166323	-0.196532
-0.000986	-0.173310	-3.251862	
0.50000	-0.067897	-0.140946	-0.196532
-0.000986	-0.013495	-3.278624	
0.75000	-0.067897	-0.110722	-0.196532
-0.000986	-0.159738	-3.522686	
1.00000	-0.067897	-0.088431	-0.196532
-0.000986	-0.322870	-3.819338	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.163596	11.655671	0.292683
0.000682	0.506952	15.624472	
0.25000	0.163596	34.107985	0.292683
0.000682	0.258689	53.653575	
0.50000	0.163596	58.205141	0.292683
0.000682	0.039251	65.767203	
0.75000	0.163596	83.169125	0.292683
0.000682	0.270486	50.457409	
1.00000	0.163596	100.970833	0.292683
0.000682	0.552432	16.803573	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105173	-103.146759	-0.332811
-0.001101	-0.613474	-70.625910	
0.25000	-0.105173	-86.206601	-0.332811
-0.001101	-0.329103	-37.863590	
0.50000	-0.105173	-63.773018	-0.332811
-0.001101	-0.061417	-32.444846	
0.75000	-0.105173	-37.055677	-0.332811
-0.001101	-0.269178	-27.291547	
1.00000	-0.105173	-17.349832	-0.332811
-0.001101	-0.521566	-50.189791	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.133830	8.636750	0.360788
0.001011	0.621074	11.378387	
0.25000	0.133830	24.043507	0.360788
0.001011	0.312357	37.577740	
0.50000	0.133830	40.578953	0.360788
0.001011	0.029067	45.926815	
0.75000	0.133830	57.709217	0.360788
0.001011	0.354767	35.391343	
1.00000	0.133830	69.924733	0.360788
0.001011	0.729187	12.214177	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.141517	-70.791360	-0.437561
-0.001006	-0.794645	-51.638724	
0.25000	-0.141517	-59.167039	-0.437561
-0.001006	-0.420041	-29.110362	
0.50000	-0.141517	-43.773135	-0.437561
-0.001006	-0.056447	-25.413475	
0.75000	-0.141517	-25.439720	-0.437561
-0.001006	-0.326591	-22.122243	
1.00000	-0.141517	-11.917586	-0.437561
-0.001006	-0.638131	-38.064337	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.163567	7.320102	0.379334
0.001253	0.652070	9.854443	
0.25000	0.163567	20.063822	0.379334
0.001253	0.328065	31.506907	
0.50000	0.163567	33.741138	0.379334
0.001253	0.026405	38.394619	
0.75000	0.163567	47.910458	0.379334
0.001253	0.383823	29.662184	
1.00000	0.163567	58.014539	0.379334
0.001253	0.790200	10.541293	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.191935	-58.768489	-0.473690
-0.001074	-0.856938	-43.897881	
0.25000	-0.191935	-49.153416	-0.473690
-0.001074	-0.450457	-25.208197	
0.50000	-0.191935	-36.420328	-0.473690
-0.001074	-0.053035	-22.164657	
0.75000	-0.191935	-21.255619	-0.473690
-0.001074	-0.341872	-19.501449	
1.00000	-0.191935	-10.070968	-0.473690
-0.001074	-0.669550	-32.771228	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.262456	0.307524	0.272114
0.000667	0.475881	0.877272	
0.25000	0.262456	0.316660	0.272114
0.000667	0.239831	0.820817	
0.50000	0.262456	0.335110	0.272114
0.000667	0.003643	0.768043	
0.75000	0.262456	0.354254	0.272114
0.000667	0.262350	0.707519	
1.00000	0.262456	0.370409	0.272114
0.000667	0.536474	0.650161	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.171082	-0.179408	-0.317289
-0.000357	-0.561339	-2.723305	
0.25000	-0.171082	-0.161902	-0.317289
-0.000357	-0.286899	-2.783143	
0.50000	-0.171082	-0.142409	-0.317289
-0.000357	-0.011906	-2.869853	
0.75000	-0.171082	-0.124552	-0.317289
-0.000357	-0.229074	-2.967809	
1.00000	-0.171082	-0.120862	-0.317289
-0.000357	-0.464179	-3.096616	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.314967	0.834269	0.441818
0.001102	0.767625	1.781752	
0.25000	0.314967	1.099198	0.441818
0.001102	0.384736	2.124641	
0.50000	0.314967	1.634251	0.441818
0.001102	0.009384	2.278489	
0.75000	0.314967	2.189421	0.441818
0.001102	0.479561	1.939341	
1.00000	0.314967	2.657917	0.441818
0.001102	0.985513	1.580009	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.385993	-2.535796	-0.584972
-0.000555	-1.038866	-7.435320	
0.25000	-0.385993	-2.028145	-0.584972
-0.000555	-0.532836	-6.923601	
0.50000	-0.385993	-1.462827	-0.584972
-0.000555	-0.028478	-6.880301	
0.75000	-0.385993	-0.944972	-0.584972
-0.000555	-0.377643	-6.874189	
1.00000	-0.385993	-0.837974	-0.584972
-0.000555	-0.759327	-7.523344	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.296365	1.214277	0.545098
0.001264	0.940751	2.645087	
0.25000	0.296365	1.222498	0.545098
0.001264	0.468525	2.226445	
0.50000	0.296365	1.239104	0.545098
0.001264	0.009322	2.002119	
0.75000	0.296365	1.256333	0.545098
0.001264	0.611332	1.690083	
1.00000	0.296365	1.270873	0.545098
0.001264	1.259137	1.854355	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358672	-0.478162	-0.748862
-0.000461	-1.331897	-10.932887	
0.25000	-0.358672	-0.462407	-0.748862
-0.000461	-0.684222	-11.155541	
0.50000	-0.358672	-0.444863	-0.748862
-0.000461	-0.041704	-11.449581	
0.75000	-0.358672	-0.428792	-0.748862
-0.000461	-0.472623	-11.829684	
1.00000	-0.358672	-0.425471	-0.748862
-0.000461	-0.943701	-12.272102	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.377567	6.946106	0.644157
0.001255	1.111916	8.175853	
0.25000	0.377567	13.338660	0.644157
0.001255	0.558360	18.963952	
0.50000	0.377567	26.249129	0.644157
0.001255	0.024596	24.384859	
0.75000	0.377567	39.644989	0.644157
0.001255	0.703484	17.419834	
1.00000	0.377567	50.949473	0.644157
0.001255	1.448768	7.465027	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.344375	-50.467026	-0.865396
-0.000731	-1.550676	-39.747868	
0.25000	-0.344375	-38.217746	-0.865396
-0.000731	-0.802047	-27.234825	
0.50000	-0.344375	-24.577008	-0.865396
-0.000731	-0.063439	-25.192257	
0.75000	-0.344375	-12.081525	-0.865396
-0.000731	-0.567699	-23.296280	
1.00000	-0.344375	-9.499741	-0.865396
-0.000731	-1.123742	-36.199805	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044010	0.454193	0.180723
0.000457	0.308864	0.881709	
0.25000	0.044010	0.463328	0.180723
0.000457	0.152640	0.817868	
0.50000	0.044010	0.481778	0.180723
0.000457	0.002910	0.784932	
0.75000	0.044010	0.500922	0.180723
0.000457	0.237893	0.757557	
1.00000	0.044010	0.517077	0.180723
0.000457	0.491583	0.790661	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.217222	-0.422038	-0.293410
-0.000179	-0.523753	-4.829843	
0.25000	-0.217222	-0.404532	-0.293410
-0.000179	-0.270127	-4.816700	
0.50000	-0.217222	-0.385039	-0.293410
-0.000179	-0.016962	-4.857092	
0.75000	-0.217222	-0.367182	-0.293410
-0.000179	-0.159641	-4.919609	
1.00000	-0.217222	-0.363492	-0.293410
-0.000179	-0.315904	-5.028705	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118240	9.142964	0.359492
0.000617	0.614401	9.471942	
0.25000	0.118240	18.872254	0.359492
0.000617	0.310145	26.467140	
0.50000	0.118240	38.521627	0.359492
0.000617	0.027023	35.183242	
0.75000	0.118240	58.909752	0.359492
0.000617	0.438300	24.579888	
1.00000	0.118240	76.114862	0.359492
0.000617	0.904473	9.354120	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210452	-76.304574	-0.545402
-8.16E-05	-0.991793	-50.409806	
0.25000	-0.210452	-57.661511	-0.545402
-8.16E-05	-0.520694	-31.040992	
0.50000	-0.210452	-36.900688	-0.545402
-8.16E-05	-0.059602	-27.547731	
0.75000	-0.210452	-17.882911	-0.545402
-8.16E-05	-0.330804	-24.177692	
1.00000	-0.210452	-13.953513	-0.545402
-8.16E-05	-0.641078	-43.184790	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.246337	8.452948	0.524966
0.001092	0.903691	9.213406	
0.25000	0.246337	17.258640	0.524966
0.001092	0.455607	24.568398	
0.50000	0.246337	35.042707	0.524966
0.001092	0.027270	32.476641	
0.75000	0.246337	53.495396	0.524966
0.001092	0.609092	22.794869	
1.00000	0.246337	69.067232	0.524966
0.001092	1.255380	8.974585	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.332862	-69.177381	-0.752444
-0.000335	-1.356627	-48.111624	
0.25000	-0.332862	-52.304096	-0.752444
-0.000335	-0.705893	-30.602546	
0.50000	-0.332862	-33.514090	-0.752444
-0.000335	-0.065567	-27.459599	
0.75000	-0.332862	-16.301662	-0.752444
-0.000335	-0.469596	-24.428022	
1.00000	-0.332862	-12.745281	-0.752444
-0.000335	-0.923046	-41.656246	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.319569	6.091524	0.660763
0.001222	1.137962	7.395581	
0.25000	0.319569	11.401524	0.660763
0.001222	0.569923	16.221316	
0.50000	0.319569	22.125633	0.660763
0.001222	0.021220	20.677181	
0.75000	0.319569	33.252975	0.660763
0.001222	0.731924	14.827160	
1.00000	0.319569	42.643088	0.660763
0.001222	1.507155	6.547148	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.329760	-41.976847	-0.900034
-0.000925	-1.610776	-36.542867	
0.25000	-0.329760	-31.801936	-0.900034
-0.000925	-0.832245	-26.220754	
0.50000	-0.329760	-20.471205	-0.900034
-0.000925	-0.065241	-24.627135	
0.75000	-0.329760	-10.091785	-0.900034
-0.000925	-0.583067	-23.172800	
1.00000	-0.329760	-7.947219	-0.900034
-0.000925	-1.154279	-33.970711	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.170140	0.762953	0.369365
0.000460	0.637521	1.258423	
0.25000	0.170140	0.772098	0.369365
0.000460	0.317925	1.091127	
0.50000	0.170140	0.790548	0.369365
0.000460	0.004189	0.995908	
0.75000	0.170140	0.809692	0.369365
0.000460	0.373211	0.945858	
1.00000	0.170140	0.825447	0.369365
0.000460	0.764745	0.896467	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101044	-0.187331	-0.452015
-0.001059	-0.797115	-7.240450	
0.25000	-0.101044	-0.169826	-0.452015
-0.001059	-0.405680	-7.467115	
0.50000	-0.101044	-0.150332	-0.452015
-0.001059	-0.024323	-7.756776	
0.75000	-0.101044	-0.132475	-0.452015
-0.001059	-0.320746	-8.098538	
1.00000	-0.101044	-0.128785	-0.452015
-0.001059	-0.640337	-8.473085	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.319054	12.818572	0.564595
0.000583	0.974241	12.893254	
0.25000	0.319054	26.631423	0.564595
0.000583	0.495017	37.994478	
0.50000	0.319054	54.527998	0.564595
0.000583	0.038366	49.436949	
0.75000	0.319054	83.473393	0.564595
0.000583	0.577781	34.430073	
1.00000	0.319054	107.899803	0.564595
0.000583	1.185145	12.785180	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.143062	-108.134346	-0.710225
-0.001156	-0.668397	-41.581155	
0.25000	-0.143062	-81.666448	-0.710225
-0.001156	-0.668397	-41.581155	
0.50000	-0.143062	-52.191928	-0.710225
-0.001156	-0.072107	-36.702779	
0.75000	-0.143062	-25.192042	-0.710225
-0.001156	-0.508727	-31.970429	
1.00000	-0.143062	-19.613404	-0.710225
-0.001156	-0.996398	-59.004918	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.266397	9.878012	0.643562
0.000845	1.106075	10.509441	
0.25000	0.266397	19.834775	0.643562
0.000845	0.556030	27.744922	
0.50000	0.266397	39.943556	0.643562
0.000845	0.030131	36.603228	
0.75000	0.266397	60.808362	0.643562
0.000845	0.701461	25.707212	
1.00000	0.266397	78.415732	0.643562
0.000845	1.442412	10.021021	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210268	-78.000946	-0.862175
-0.001051	-1.548087	-56.478315	
0.25000	-0.210268	-58.922003	-0.862175
-0.001051	-0.803168	-36.915151	
0.50000	-0.210268	-37.675786	-0.862175
-0.001051	-0.076704	-33.823004	
0.75000	-0.210268	-18.213368	-0.862175
-0.001051	-0.576762	-30.486147	
1.00000	-0.210268	-14.192100	-0.862175
-0.001051	-1.132964	-50.238298	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305870	8.398507	0.692174
0.001128	1.191153	9.319544	
0.25000	0.305870	16.661552	0.692174
0.001128	0.598366	23.574454	
0.50000	0.305870	33.349682	0.692174
0.001128	0.028020	30.894077	
0.75000	0.305870	50.665231	0.692174
0.001128	0.768431	21.833331	
1.00000	0.305870	65.277458	0.692174
0.001128	1.580289	8.850884	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.345552	-64.953109	-0.943295
-0.001079	-1.689871	-49.507274	
0.25000	-0.345552	-49.119634	-0.943295
-0.001079	-0.874511	-33.242304	
0.50000	-0.345552	-31.487555	-0.943295
-0.001079	-0.075322	-30.481380	
0.75000	-0.345552	-15.335838	-0.943295
-0.001079	-0.614936	-27.867093	
1.00000	-0.345552	-11.998617	-0.943295
-0.001079	-1.213165	-44.294941	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186517	11.655671	0.379334
0.001336	0.652070	15.624472	
0.25000	0.186517	34.107985	0.379334
0.001336	0.328065	53.653575	
0.50000	0.186517	58.205141	0.379334
0.001336	0.039251	65.767203	
0.75000	0.186517	83.169125	0.379334
0.001336	0.383823	50.457409	
1.00000	0.186517	100.970833	0.379334
0.001336	0.790200	16.803573	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.223661	-103.146759	-0.473690
-0.001101	-0.856938	-70.625910	
0.25000	-0.223661	-86.206601	-0.473690
-0.001101	-0.450457	-37.863590	
0.50000	-0.223661	-63.773018	-0.473690
-0.001101	-0.061417	-32.444846	
0.75000	-0.223661	-37.055677	-0.473690
-0.001101	-0.341872	-27.291547	
1.00000	-0.223661	-17.349832	-0.473690
-0.001101	-0.669550	-50.189791	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.377567	12.818572	0.692174
0.001264	1.191153	12.893254	
0.25000	0.377567	26.631423	0.692174
0.001264	0.598366	37.994478	
0.50000	0.377567	54.527998	0.692174
0.001264	0.038366	49.436949	
0.75000	0.377567	83.473393	0.692174
0.001264	0.768431	34.430073	
1.00000	0.377567	107.899803	0.692174
0.001264	1.580289	12.785180	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.385993	-108.134346	-0.943295
-0.001156	-1.689871	-68.994509	
0.25000	-0.385993	-81.666448	-0.943295
-0.001156	-0.874511	-41.581155	
0.50000	-0.385993	-52.191928	-0.943295
-0.001156	-0.076004	-36.702779	
0.75000	-0.385993	-25.192042	-0.943295
-0.001156	-0.614936	-31.970429	
1.00000	-0.385993	-19.613404	-0.943295
-0.001156	-1.213165	-59.004918	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.377567	12.818572	0.692174
0.001336	1.191153	15.624472	
0.25000	0.377567	34.107985	0.692174
0.001336	0.598366	53.653575	
0.50000	0.377567	58.205141	0.692174
0.001336	0.039251	65.767203	
0.75000	0.377567	83.473393	0.692174
0.001336	0.768431	50.457409	
1.00000	0.377567	107.899803	0.692174
0.001336	1.580289	16.803573	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.385993	-108.134346	-0.943295
-0.001156	-1.689871	-70.625910	
0.25000	-0.385993	-86.206601	-0.943295
-0.001156	-0.874511	-41.581155	
0.50000	-0.385993	-63.773018	-0.943295
-0.001156	-0.076004	-36.702779	
0.75000	-0.385993	-37.055677	-0.943295
-0.001156	-0.614936	-31.970429	
1.00000	-0.385993	-19.613404	-0.943295
-0.001156	-1.213165	-59.004918	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.377567	12.818572	0.692174
0.001336	1.191153	15.624472	
0.25000	0.377567	34.107985	0.692174
0.001336	0.598366	53.653575	
0.50000	0.377567	58.205141	0.692174
0.001336	0.039251	65.767203	
0.75000	0.377567	83.473393	0.692174
0.001336	0.768431	50.457409	
1.00000	0.377567	107.899803	0.692174
0.001336	1.580289	16.803573	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.385993	-108.134346	-0.943295
-0.001156	-1.689871	-70.625910	
0.25000	-0.385993	-86.206601	-0.943295
-0.001156	-0.874511	-41.581155	
0.50000	-0.385993	-63.773018	-0.943295
-0.001156	-0.076004	-36.702779	
0.75000	-0.385993	-37.055677	-0.943295
-0.001156	-0.614936	-31.970429	
1.00000	-0.385993	-19.613404	-0.943295
-0.001156	-1.213165	-59.004918	

ELEM 456 ========== LENGTH = 3.460010

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.121478	0.168371	0.133762
0.000439	0.226477	0.529255	
0.25000	0.121478	0.190663	0.133762
0.000439	0.110818	0.545022	
0.50000	0.121478	0.220886	0.133762
0.000439	0.002271	0.550583	
0.75000	0.121478	0.246262	0.133762
0.000439	0.121586	0.526535	
1.00000	0.121478	0.265425	0.133762
0.000439	0.240957	0.482861	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.127789	-0.379952	-0.137983
-0.000594	-0.236471	-1.524986	
0.25000	-0.127789	-0.359813	-0.137983
-0.000594	-0.117108	-1.597780	
0.50000	-0.127789	-0.331573	-0.137983
-0.000594	-0.005088	-1.704041	
0.75000	-0.127789	-0.304314	-0.137983
-0.000594	-0.120642	-1.811704	
1.00000	-0.127789	-0.278915	-0.137983
-0.000594	-0.236347	-1.951573	

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.169210 1.117269 0.248191
0.000701 0.417148 1.633449
0.25000 0.169210 1.741450 0.248191
0.000701 0.202898 2.480426
0.50000 0.169210 2.587707 0.248191
0.000701 0.004765 2.940752
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4687

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.169210 3.298239 0.248191
0.000701 0.211607 2.532596
1.00000 0.169210 3.834792 0.248191
0.000701 0.423735 1.365117

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.246973 -3.771471 -0.245191
-0.001056 -0.424710 -4.541919
0.25000 -0.246973 -3.207584 -0.245191
-0.001056 -0.212815 -4.125274
0.50000 -0.246973 -2.416873 -0.245191
-0.001056 -0.012629 -4.400586
0.75000 -0.246973 -1.653616 -0.245191
-0.001056 -0.227051 -4.778350
1.00000 -0.246973 -0.942446 -0.245191
-0.001056 -0.441737 -6.022317

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.161153 0.447886 0.346442
0.000564 0.581754 1.473690
0.25000 0.161153 0.467949 0.346442
0.000564 0.281120 1.372106
0.50000 0.161153 0.495150 0.346442
0.000564 0.005423 1.347264
0.75000 0.161153 0.517988 0.346442
0.000564 0.285335 1.296227
1.00000 0.161153 0.535235 0.346442
0.000564 0.576219 1.549134

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.231789 -1.178376 -0.336227
-0.001301 -0.567135 -5.439044
0.25000 -0.231789 -1.160251 -0.336227
-0.001301 -0.296482 -5.629933
0.50000 -0.231789 -1.134835 -0.336227
-0.001301 -0.018285 -5.853791
0.75000 -0.231789 -1.110302 -0.336227
-0.001301 -0.318269 -6.080014
1.00000 -0.231789 -1.087443 -0.336227
-0.001301 -0.617942 -6.336975

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.194907 10.823357 0.402190
0.000800 0.659742 11.076047
0.25000 0.194907 22.643777 0.402190
0.000800 0.319568 31.043910
0.50000 0.194907 38.669765 0.402190
0.000800 0.027448 40.183433
0.75000 0.194907 52.125478 0.402190
0.000800 0.324881 33.014875
1.00000 0.194907 62.286448 0.402190
0.000800 0.653860 10.603661

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.234440 -61.273010 -0.380278
-0.001291 -0.663244 -33.119432
0.25000 -0.234440 -50.594410 -0.380278
-0.001291 -0.339863 -19.773160
0.50000 -0.234440 -35.610326 -0.380278
-0.001291 -0.045647 -23.252594
0.75000 -0.234440 -21.166141 -0.380278
-0.001291 -0.386613 -26.735320
1.00000 -0.234440 -7.698353 -0.380278
-0.001291 -0.734509 -46.546663

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.031500 0.404383 0.136376
0.000216 0.227361 0.679474
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4688

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.031500 0.426676 0.136376
0.000216 0.109409 0.583429
0.50000 0.031500 0.456899 0.136376
0.000216 0.001862 0.582614
0.75000 0.031500 0.482275 0.136376
0.000216 0.107714 0.554816
1.00000 0.031500 0.501438 0.136376
0.000216 0.220632 0.499318

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.122136 -0.587740 -0.130534
-0.000516 -0.231067 -2.328339
0.25000 -0.122136 -0.567202 -0.130534
-0.000516 -0.118147 -2.406296
0.50000 -0.122136 -0.539362 -0.130534
-0.000516 -0.008409 -2.516824
0.75000 -0.122136 -0.512103 -0.130534
-0.000516 -0.126542 -2.628000
1.00000 -0.122136 -0.486704 -0.130534
-0.000516 -0.244508 -2.772235

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.074153 14.418180 0.282532
0.000110 0.452886 13.951746
0.25000 0.074153 30.602291 0.282532
0.000110 0.219038 41.473209
0.50000 0.074153 52.544520 0.282532
0.000110 0.031848 54.019050
0.75000 0.074153 70.967618 0.282532
0.000110 0.210316 43.995048
1.00000 0.074153 84.879667 0.282532
0.000110 0.431734 12.889619

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.131552 -82.871912 -0.255959
-0.000732 -0.455724 -41.081387
0.25000 -0.131552 -68.251140 -0.255959
-0.000732 -0.240352 -22.681932
0.50000 -0.131552 -47.749141 -0.255959
-0.000732 -0.049283 -27.312821
0.75000 -0.131552 -27.958970 -0.255959
-0.000732 -0.283943 -31.944557
1.00000 -0.131552 -9.519340 -0.255959
-0.000732 -0.528334 -58.928161

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.151275 13.143738 0.362876
0.000428 0.590710 12.994775
0.25000 0.151275 27.769627 0.362876
0.000428 0.286355 37.876662
0.50000 0.151275 47.599237 0.362876
0.000428 0.030451 49.204450
0.75000 0.151275 64.248540 0.362876
0.000428 0.279640 40.136563
1.00000 0.151275 76.821123 0.362876
0.000428 0.567329 12.007045

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.199133 -75.053248 -0.335063
-0.001119 -0.593652 -38.395937
0.25000 -0.199133 -61.840179 -0.335063
-0.001119 -0.309277 -21.855891
0.50000 -0.199133 -43.312133 -0.335063
-0.001119 -0.049031 -26.130321
0.75000 -0.199133 -25.427379 -0.335063
-0.001119 -0.354260 -30.407476
1.00000 -0.199133 -8.763135 -0.335063
-0.001119 -0.668149 -54.886119
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4689

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.172153 8.835840 0.408421
0.000956 0.672528 9.258110
0.25000 0.172153 18.432617 0.408421
0.000956 0.328235 25.543538
0.50000 0.172153 31.443815 0.408421
0.000956 0.024466 32.949251
0.75000 0.172153 42.368255 0.408421
0.000956 0.336474 27.051361
1.00000 0.172153 50.617755 0.408421
0.000956 0.675727 9.021295

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.211489 -50.100543 -0.394245
-0.001275 -0.689451 -28.764176
0.25000 -0.211489 -41.430788 -0.394245
-0.001275 -0.351991 -17.960775
0.50000 -0.211489 -29.273611 -0.394245
-0.001275 -0.043033 -20.816984
0.75000 -0.211489 -17.538350 -0.394245
-0.001275 -0.390885 -23.677032
1.00000 -0.211489 -6.604287 -0.394245
-0.001275 -0.744170 -39.794686

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.077180 0.104307 0.191956
0.000959 0.326838 0.752428
0.25000 0.077180 0.126599 0.191956
0.000959 0.160810 0.752063
0.50000 0.077180 0.156823 0.191956
0.000959 0.011833 0.736355
0.75000 0.077180 0.182199 0.191956
0.000959 0.179527 0.708352
1.00000 0.077180 0.201362 0.191956
0.000959 0.353390 0.759919

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.074675 -0.784674 -0.200996
-0.000516 -0.342061 -3.785900
0.25000 -0.074675 -0.764535 -0.200996
-0.000516 -0.168186 -3.815680
0.50000 -0.074675 -0.736295 -0.200996
-0.000516 -0.011179 -3.877580
0.75000 -0.074675 -0.709036 -0.200996
-0.000516 -0.171294 -3.940352
1.00000 -0.074675 -0.683637 -0.200996
-0.000516 -0.337336 -4.034441

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.157621 17.368483 0.323245
0.001069 0.524670 16.833153
0.25000 0.157621 37.074756 0.323245
0.001069 0.257892 50.392380
0.50000 0.157621 63.792292 0.323245
0.001069 0.041941 65.657727
0.75000 0.157621 86.224824 0.323245
0.001069 0.273289 53.590006
1.00000 0.157621 103.164564 0.323245
0.001069 0.544370 15.786726

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.115617 -100.972118 -0.313403
-0.000718 -0.542239 -50.147820
0.25000 -0.115617 -83.169415 -0.313403
-0.000718 -0.278480 -27.653707
0.50000 -0.115617 -58.205548 -0.313403
-0.000718 -0.058344 -33.203606
0.75000 -0.115617 -34.108425 -0.313403
-0.000718 -0.318599 -38.757577
1.00000 -0.115617 -11.655763 -0.313403
-0.000718 -0.598212 -71.525438
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4690

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.126545 11.965614 0.406818
0.000976 0.669838 12.247765
0.25000 0.126545 25.488040 0.406818
0.000976 0.326744 35.296197
0.50000 0.126545 43.821589 0.406818
0.000976 0.032298 45.749696
0.75000 0.126545 59.214772 0.406818
0.000976 0.339269 37.344776
1.00000 0.126545 70.838807 0.406818
0.000976 0.681190 11.607745

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.148152 -69.932819 -0.395277
-0.001036 -0.688005 -37.996940
0.25000 -0.148152 -57.116621 -0.395277
-0.001036 -0.351116 -22.647838
0.50000 -0.148152 -40.586438 -0.395277
-0.001036 -0.051778 -26.543050
0.75000 -0.148152 -24.051014 -0.395277
-0.001036 -0.388906 -30.438324
1.00000 -0.148152 -8.644018 -0.395277
-0.001036 -0.740810 -53.009297

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.162290 10.135312 0.431784
0.001075 0.714076 10.566365
0.25000 0.162290 21.320405 0.431784
0.001075 0.347865 29.551573
0.50000 0.162290 36.485025 0.431784
0.001075 0.028064 38.188131
0.75000 0.162290 49.217517 0.431784
0.001075 0.357728 31.226547
1.00000 0.162290 58.832352 0.431784
0.001075 0.720313 9.944403

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.205629 -58.049716 -0.419160
-0.001256 -0.758253 -32.695328
0.25000 -0.205629 -47.944072 -0.419160
-0.001256 -0.372830 -20.081121
0.50000 -0.205629 -33.774818 -0.419160
-0.001256 -0.047554 -23.386243
0.75000 -0.205629 -20.097520 -0.419160
-0.001256 -0.408927 -26.693909
1.00000 -0.205629 -7.353602 -0.419160
-0.001256 -0.782425 -45.451462

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.278678 0.237831 0.270301
0.000430 0.460320 0.626102
0.25000 0.278678 0.241522 0.270301
0.000430 0.226105 0.637402
0.50000 0.278678 0.259382 0.270301
0.000430 0.003225 0.664929
0.75000 0.278678 0.278873 0.270301
0.000430 0.256433 0.701704
1.00000 0.278678 0.296377 0.270301
0.000430 0.511598 0.760291

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.179988 -0.415403 -0.294954
-0.000601 -0.509007 -3.068067
0.25000 -0.179988 -0.399247 -0.294954
-0.000601 -0.253801 -2.966134
0.50000 -0.179988 -0.380101 -0.294954
-0.000601 -0.008003 -2.988248
0.75000 -0.179988 -0.361653 -0.294954
-0.000601 -0.239556 -2.881207
1.00000 -0.179988 -0.352518 -0.294954
-0.000601 -0.473673 -2.902072
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4691

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.332773 1.011556 0.466267
0.000653 0.789235 1.544971
0.25000 0.332773 1.118602 0.466267
0.000653 0.386120 1.820436
0.50000 0.332773 1.636534 0.466267
0.000653 0.005761 2.084279
0.75000 0.332773 2.201778 0.466267
0.000653 0.446381 1.887622
1.00000 0.332773 2.709388 0.466267
0.000653 0.894835 1.556188

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.409827 -2.705505 -0.518633
-0.001029 -0.899796 -7.471907
0.25000 -0.409827 -2.237003 -0.518633
-0.001029 -0.451310 -6.872387
0.50000 -0.409827 -1.681754 -0.518633
-0.001029 -0.020950 -6.940782
0.75000 -0.409827 -1.146760 -0.518633
-0.001029 -0.390337 -7.036262
1.00000 -0.409827 -0.881859 -0.518633
-0.001029 -0.821533 -7.763336

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.312228 0.614903 0.592362
0.000545 0.998631 1.829150
0.25000 0.312228 0.618225 0.592362
0.000545 0.486071 1.739733
0.50000 0.312228 0.634298 0.592362
0.000545 0.057190 1.741092
0.75000 0.312228 0.651841 0.592362
0.000545 0.563904 1.951290
1.00000 0.312228 0.667594 0.592362
0.000545 1.135633 2.332240

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.379240 -1.287366 -0.661021
-0.001191 -1.150258 -12.221377
0.25000 -0.379240 -1.272826 -0.661021
-0.001191 -0.578751 -11.835559
0.50000 -0.379240 -1.255595 -0.661021
-0.001191 -0.032860 -11.531783
0.75000 -0.379240 -1.238991 -0.661021
-0.001191 -0.536263 -11.349091
1.00000 -0.379240 -1.230770 -0.661021
-0.001191 -1.048608 -11.283521

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.396629 9.668695 0.708344
0.000771 1.183806 7.462620
0.25000 0.396629 12.361644 0.708344
0.000771 0.577918 17.279686
0.50000 0.396629 24.748987 0.708344
0.000771 0.024823 24.132111
0.75000 0.396629 38.387925 0.708344
0.000771 0.663009 18.687276
1.00000 0.396629 50.636198 0.708344
0.000771 1.328306 7.851867

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.365987 -50.943727 -0.771593
-0.001197 -1.343581 -36.163048
0.25000 -0.365987 -39.639091 -0.771593
-0.001197 -0.678856 -23.306984
0.50000 -0.365987 -26.241320 -0.771593
-0.001197 -0.056401 -25.273563
0.75000 -0.365987 -13.332298 -0.771593
-0.001197 -0.656863 -27.427058
1.00000 -0.365987 -6.940413 -0.771593
-0.001197 -1.268440 -40.080251
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4692

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.047299 0.416671 0.212849
0.000195 0.356835 0.784133
0.25000 0.047299 0.420362 0.212849
0.000195 0.172701 0.703068
0.50000 0.047299 0.438222 0.212849
0.000195 0.002381 0.680753
0.75000 0.047299 0.457713 0.212849
0.000195 0.206651 0.672764
1.00000 0.047299 0.475217 0.212849
0.000195 0.418739 0.735121

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.236190 -0.506755 -0.245262
-0.000444 -0.429947 -5.008129
0.25000 -0.236190 -0.490600 -0.245262
-0.000444 -0.218002 -4.922005
0.50000 -0.236190 -0.471453 -0.245262
-0.000444 -0.015636 -4.882464
0.75000 -0.236190 -0.453005 -0.245262
-0.000444 -0.195198 -4.875767
1.00000 -0.236190 -0.443871 -0.245262
-0.000444 -0.379310 -4.968914

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.125715 14.024710 0.425709
9.21E-05 0.699090 9.359788
0.25000 0.125715 17.955886 0.425709
9.21E-05 0.341337 24.490175
0.50000 0.125715 36.976494 0.425709
9.21E-05 0.028213 35.007876
0.75000 0.125715 57.734579 0.425709
9.21E-05 0.398128 26.306101
1.00000 0.125715 76.376109 0.425709
9.21E-05 0.797596 9.285044

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.227218 -76.081176 -0.466625
-0.000612 -0.822015 -43.165974
0.25000 -0.227218 -58.875835 -0.466625
-0.000612 -0.422088 -24.181736
0.50000 -0.227218 -38.484800 -0.466625
-0.000612 -0.054803 -27.590438
0.75000 -0.227218 -18.837628 -0.466625
-0.000612 -0.410801 -31.154922
1.00000 -0.227218 -2.790158 -0.466625
-0.000612 -0.778764 -50.611812

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.263110 12.896068 0.593846
0.000396 0.986294 8.962753
0.25000 0.263110 16.454061 0.593846
0.000396 0.482317 22.660340
0.50000 0.263110 33.669049 0.593846
0.000396 0.027801 32.179038
0.75000 0.263110 52.456318 0.593846
0.000396 0.558665 29.299111
1.00000 0.263110 69.328475 0.593846
0.000396 1.118358 8.900300

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.359744 -69.062770 -0.652074
-0.001011 -1.143040 -41.615898
0.25000 -0.359744 -53.490725 -0.652074
-0.001011 -0.582310 -24.431818
0.50000 -0.359744 -35.035402 -0.652074
-0.001011 -0.057966 -27.591466
0.75000 -0.359744 -17.253328 -0.652074
-0.001011 -0.557857 -30.884836
1.00000 -0.359744 -8.448558 -0.652074
-0.001011 -1.071124 -48.575973
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4693

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.335858 8.091424 0.734092
0.000913 1.227660 6.562109
0.25000 0.335858 10.236961 0.734092
0.000913 0.598888 14.699253
0.50000 0.335858 20.617926 0.734092
0.000913 0.023304 20.401564
0.75000 0.335858 31.947163 0.734092
0.000913 0.688907 15.931743
1.00000 0.335858 42.121237 0.734092
0.000913 1.381329 7.026034

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.358035 -42.608593 -0.803186
-0.001168 -1.399367 -33.955192
0.25000 -0.358035 -33.218353 -0.803186
-0.001168 -0.706222 -23.194378
0.50000 -0.358035 -22.089443 -0.803186
-0.001168 -0.059033 -24.765267
0.75000 -0.358035 -11.366515 -0.803186
-0.001168 -0.797704 -26.911340
1.00000 -0.358035 -6.057072 -0.803186
-0.001168 -1.314427 -36.969529

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.173012 0.160331 0.400565
0.000981 0.675935 0.945168
0.25000 0.173012 0.164022 0.400565
0.000981 0.329422 0.915872
0.50000 0.173012 0.181882 0.400565
0.000981 0.007939 0.893386
0.75000 0.173012 0.201373 0.400565
0.000981 0.370809 0.924456
1.00000 0.173012 0.218877 0.400565
0.000981 0.743264 1.116935

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.111733 -0.781694 -0.429118
-0.000485 -0.740184 -8.503276
0.25000 -0.111733 -0.765538 -0.429118
-0.000485 -0.368057 -8.130686
0.50000 -0.111733 -0.746392 -0.429118
-0.000485 -0.024682 -7.796834
0.75000 -0.111733 -0.727944 -0.429118
-0.000485 -0.363214 -7.524733
1.00000 -0.111733 -0.718809 -0.429118
-0.000485 -0.709764 -7.313504

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.330243 19.653458 0.629225
0.001072 1.040434 12.849211
0.25000 0.330243 25.234622 0.629225
0.001072 0.510967 34.378328
0.50000 0.330243 52.238526 0.629225
0.001072 0.043889 49.286769
0.75000 0.330243 81.709159 0.629225
0.001072 0.574241 36.920896
1.00000 0.330243 108.174880 0.629225
0.001072 1.140548 12.695582

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.157971 -107.840697 -0.659451
-0.000621 -1.147846 -59.039808
0.25000 -0.157971 -83.413959 -0.659451
-0.000621 -0.580970 -32.030574
0.50000 -0.157971 -54.464433 -0.659451
-0.000621 -0.072700 -36.784240
0.75000 -0.157971 -26.570984 -0.659451
-0.000621 -0.599735 -41.722025
1.00000 -0.157971 -12.759580 -0.659451
-0.000621 -1.413831 -69.168532

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.274614 14.279409 0.726993
0.000974 1.208122 10.078828
0.25000 0.274614 18.302498 0.726993
0.000974 0.589802 25.607873
0.50000 0.274614 37.767812 0.726993
0.000974 0.035482 36.371489
0.75000 0.274614 59.011227 0.726993
0.000974 0.673885 27.488611
1.00000 0.274614 78.088600 0.726993
0.000974 1.347608 10.221869

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.229956 -78.342767 -0.782428
-0.000882 -1.364324 -50.259143
0.25000 -0.229956 -60.735160 -0.782428
-0.000882 -0.690081 -30.518316
0.50000 -0.229956 -39.867377 -0.782428
-0.000882 -0.072934 -33.692681
0.75000 -0.229956 -19.760849 -0.782428
-0.000882 -0.683565 -37.050122
1.00000 -0.229956 -9.805128 -0.782428
-0.000882 -1.312252 -56.666791

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.319077 12.126752 0.776916
0.001050 1.295641 8.887012
0.25000 0.319077 15.465484 0.776916
0.001050 0.632520 21.709896
0.50000 0.319077 31.619605 0.776916
0.001050 0.031334 30.624520
0.75000 0.319077 49.249359 0.776916
0.001050 0.725597 23.261940
1.00000 0.319077 65.081531 0.776916
0.001050 1.454285 8.961626

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.375252 -65.228114 -0.844872
-0.001111 -0.472904 -44.285725
0.25000 -0.375252 -50.615690 -0.844872
-0.001111 -0.744321 -27.948282
0.50000 -0.375252 -33.297670 -0.844872
-0.001111 -0.069686 -30.647632
0.75000 -0.375252 -16.611410 -0.844872
-0.001111 -0.723694 -33.523829
1.00000 -0.375252 -8.348231 -0.844872
-0.001111 -1.395473 -49.923472

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.194907 17.368483 0.431784
0.001075 0.714076 16.833153
0.25000 0.194907 37.074756 0.431784
0.001075 0.347865 50.392380
0.50000 0.194907 63.792292 0.431784
0.001075 0.041941 65.657727
0.75000 0.194907 86.224824 0.431784
0.001075 0.736728 53.590006
1.00000 0.194907 103.164564 0.431784
0.001075 0.720313 15.786726

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.246973 -100.972118 -0.419160
-0.001301 -0.731253 -50.148120
0.25000 -0.246973 -83.169415 -0.419160
-0.001301 -0.372830 -27.653707
0.50000 -0.246973 -58.205548 -0.419160
-0.001301 -0.058344 -33.203606
0.75000 -0.246973 -34.108425 -0.419160
-0.001301 -0.408927 -38.755777
1.00000 -0.246973 -11.655763 -0.419160
-0.001301 -0.782425 -71.525438

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.396629 19.653458 0.776916
0.001072 1.295641 12.849211
0.25000 0.396629 25.234622 0.776916
0.001072 0.632520 34.378328
0.50000 0.396629 52.238526 0.776916
0.001072 0.043889 49.286769
0.75000 0.396629 81.709159 0.776916
0.001072 0.725597 36.920896
1.00000 0.396629 108.174880 0.776916
0.001072 1.454285 12.695582

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.409827 -107.840697 -0.844872
-0.001197 -1.472904 -59.039808
0.25000 -0.409827 -83.413959 -0.844872
-0.001197 -0.744321 -32.030574
0.50000 -0.409827 -54.464433 -0.844872
-0.001197 -0.072934 -36.784240
0.75000 -0.409827 -26.570984 -0.844872
-0.001197 -0.723694 -41.722025
1.00000 -0.409827 -12.759580 -0.844872
-0.001197 -1.395473 -69.168532

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.396629 19.653458 0.776916
0.001075 1.295641 16.833153
0.25000 0.396629 37.074756 0.776916
0.001075 0.632520 50.392380
0.50000 0.396629 63.792292 0.776916
0.001075 0.043889 65.657727
0.75000 0.396629 86.224824 0.776916
0.001075 0.725597 53.590006
1.00000 0.396629 108.174880 0.776916
0.001075 1.454285 15.786726

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.409827 -107.840697 -0.844872
-0.001301 -1.472904 -59.039808
0.25000 -0.409827 -83.413959 -0.844872
-0.001301 -0.744321 -32.030574
0.50000 -0.409827 -54.464433 -0.844872
-0.001301 -0.072934 -36.784240
0.75000 -0.409827 -26.570984 -0.844872
-0.001301 -0.723694 -41.722025
1.00000 -0.409827 -12.759580 -0.844872
-0.001301 -1.395473 -69.168532

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.396629 19.653458 0.776916
0.001075 1.295641 16.833153
0.25000 0.396629 37.074756 0.776916
0.001075 0.632520 50.392380
0.50000 0.396629 63.792292 0.776916
0.001075 0.043889 65.657727
0.75000 0.396629 86.224824 0.776916
0.001075 0.725597 53.590006
1.00000 0.396629 108.174880 0.776916
0.001075 1.454285 15.786726

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.409827 -107.840697 -0.844872
-0.001301 -1.472904 -59.039808
0.25000 -0.409827 -83.413959 -0.844872
-0.001301 -0.744321 -32.030574
0.50000 -0.409827 -58.205548 -0.844872
-0.001301 -0.072934 -36.784240
0.75000 -0.409827 -34.108425 -0.844872
-0.001301 -0.723694 -41.722025
1.00000 -0.409827 -12.759580 -0.844872
-0.001301 -1.395473 -71.525438

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 457 ========== LENGTH = 4.942837

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.123468 0.135028 0.075278
0.000136 0.183297 0.472918
0.25000 0.123468 0.156788 0.075278
0.000136 0.090328 0.488291
0.50000 0.123468 0.188085 0.075278
0.000136 0.001788 0.654255
0.75000 0.123468 0.218251 0.075278
0.000136 0.089785 0.811392
1.00000 0.123468 0.248672 0.075278
0.000136 0.177866 0.953699

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.128667 -0.332275 -0.071280
-0.000646 -0.174465 -1.931661
0.25000 -0.128667 -0.296751 -0.071280
-0.000646 -0.086376 -1.997355
0.50000 -0.128667 -0.269570 -0.071280
-0.000646 -0.005772 -2.125623
0.75000 -0.128667 -0.237341 -0.071280
-0.000646 -0.095784 -2.257048
1.00000 -0.128667 -0.215518 -0.071280
-0.000646 -0.188794 -2.435600

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.169926 0.519559 0.142333
3.80E-07 0.345441 1.351345
0.25000 0.169926 1.128852 0.142333
3.80E-07 0.170210 2.621462
0.50000 0.169926 2.005164 0.142333
3.80E-07 0.004173 3.751699
0.75000 0.169926 2.849804 0.142333
3.80E-07 0.145132 5.695287
1.00000 0.169926 3.701589 0.142333
3.80E-07 0.288405 2.693427

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.231860 -4.178761 -0.116215
-0.001193 -0.289491 -5.985083
0.25000 -0.231860 -3.184097 -0.116215
-0.001193 -0.146009 -4.565149
0.50000 -0.231860 -2.423039 -0.116215
-0.001193 -0.001187 -4.951580
0.75000 -0.231860 -1.520610 -0.116215
-0.001193 -0.182377 -5.188745
1.00000 -0.231860 -0.825572 -0.116215
-0.001193 -0.358251 -6.812130

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.188388 0.216383 0.199703
3.42E-07 0.484195 1.529367
0.25000 0.188388 0.235967 0.199703
3.42E-07 0.237481 1.743535
0.50000 0.188388 0.264134 0.199703
3.42E-07 0.006286 2.508414
0.75000 0.188388 0.291283 0.199703
3.42E-07 0.179779 3.535892
1.00000 0.188388 0.318662 0.199703
3.42E-07 0.365809 4.739714

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.205211 -1.292807 -0.150513
-0.001459 -0.380517 -6.284076
0.25000 -0.205211 -1.260835 -0.150513
-0.001459 -0.194441 -6.326126
0.50000 -0.205211 -1.236373 -0.150513
-0.001459 -0.016730 -6.423851

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.205211 -1.207366 -0.150513
-0.001459 -0.256262 -6.524514
1.00000 -0.205211 -1.185026 -0.150513
-0.001459 -0.503031 -6.669627

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.215076 6.754507 0.235639
0.000393 0.556912 10.582465
0.25000 0.215076 18.293001 0.235639
0.000393 0.279237 37.573171
0.50000 0.215076 34.888159 0.235639
0.000393 0.030047 54.041648
0.75000 0.215076 50.883515 0.235639
0.000393 0.217282 43.858387
1.00000 0.215076 67.014199 0.235639
0.000393 0.427467 12.971771

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.216786 -68.649734 -0.175238
-0.001209 -0.440664 -46.497853
0.25000 -0.216786 -49.813267 -0.175238
-0.001209 -0.226969 -16.950193
0.50000 -0.216786 -35.400757 -0.175238
-0.001209 -0.037830 -19.696878
0.75000 -0.216786 -18.310998 -0.175238
-0.001209 -0.316167 -23.382475
1.00000 -0.216786 -5.148719 -0.175238
-0.001209 -0.607343 -51.379502

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.028833 0.073425 0.080075
4.18E-06 0.193889 0.503617
0.25000 0.028833 0.095185 0.080075
4.18E-06 0.094989 0.587978
0.50000 0.028833 0.126482 0.080075
4.18E-06 0.002182 0.964938
0.75000 0.028833 0.156648 0.080075
4.18E-06 0.058925 1.446483
1.00000 0.028833 0.187069 0.080075
4.18E-06 0.121912 1.995541

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.096815 -0.673629 -0.050975
-0.000603 -0.132929 -2.751171
0.25000 -0.096815 -0.638105 -0.050975
-0.000603 -0.069916 -2.689183
0.50000 -0.096815 -0.610925 -0.050975
-0.000603 -0.006680 -2.688958
0.75000 -0.096815 -0.576695 -0.050975
-0.000603 -0.103069 -2.691154
1.00000 -0.096815 -0.553872 -0.050975
-0.000603 -0.201983 -2.739702

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.101909 8.935440 0.169335
3.80E-07 0.393452 12.874798
0.25000 0.101909 24.733548 0.169335
3.80E-07 0.199912 49.827130
0.50000 0.101909 47.455066 0.169335
3.80E-07 0.035690 71.931295
0.75000 0.101909 69.355356 0.169335
3.80E-07 0.121572 57.300460
1.00000 0.101909 91.440931 0.169335
3.80E-07 0.237424 14.140752

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.102144 -93.082508 -0.100814
-0.000834 -0.263587 -58.901530

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.102144 -67.292295 -0.100814
-0.000834 -0.142939 -18.353187
0.50000 -0.102144 -47.559157 -0.100814
-0.000834 -0.038961 -22.020474
0.75000 -0.102144 -24.160448 -0.100814
-0.000834 -0.236283 -26.972187
1.00000 -0.102144 -6.139111 -0.100814
-0.000834 -0.445528 -65.208273

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.177004 8.140657 0.214273
3.42E-07 0.504679 11.987180
0.25000 0.177004 22.417706 0.214273
3.42E-07 0.254100 45.326456
0.50000 0.177004 42.951574 0.214273
3.42E-07 0.033555 65.401544
0.75000 0.177004 62.743283 0.214273
3.42E-07 0.177315 52.364713
1.00000 0.177004 82.702437 0.214273
3.42E-07 0.348086 13.549777

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.173950 -84.297373 -0.144585
-0.001268 -0.365489 -54.845579
0.25000 -0.173950 -60.990267 -0.144585
-0.001268 -0.193392 -18.278060
0.50000 -0.173950 -43.157055 -0.144585
-0.001268 -0.039934 -21.669020
0.75000 -0.173950 -22.011197 -0.144585
-0.001268 -0.291519 -26.221651
1.00000 -0.173950 -5.724972 -0.144585
-0.001268 -0.556296 -60.854381

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.196711 5.483889 0.239835
0.000684 0.579790 9.002416
0.25000 0.196711 14.851775 0.239835
0.000684 0.283740 31.107796
0.50000 0.196711 28.325072 0.239835
0.000684 0.026417 44.707213
0.75000 0.196711 41.311401 0.239835
0.000684 0.227501 36.533543
1.00000 0.196711 54.407600 0.239835
0.000684 0.449424 12.229598

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.195492 -56.170851 -0.183752
-0.001062 -0.460432 -39.742763
0.25000 -0.195492 -40.877894 -0.183752
-0.001062 -0.235663 -15.698924
0.50000 -0.195492 -29.176632 -0.183752
-0.001062 -0.035313 -17.673888
0.75000 -0.195492 -15.301778 -0.183752
-0.001062 -0.319650 -20.811299
1.00000 -0.195492 -4.615572 -0.183752
-0.001062 -0.615995 -43.486099

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.084315 0.094790 0.103100
0.001118 0.251079 0.751087
0.25000 0.084315 0.116551 0.103100
0.001118 0.123695 1.086868
0.50000 0.084315 0.147848 0.103100
0.001118 0.004262 1.653285
0.75000 0.084315 0.178013 0.103100
0.001118 0.137832 2.336631
1.00000 0.084315 0.208434 0.103100
0.001118 0.271674 3.071965

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.082354 -0.885002 -0.108307
-1.13E-05 -0.263674 -4.010400
0.25000 -0.082354 -0.849479 -0.108307
-1.13E-05 -0.129838 -3.869032
0.50000 -0.082354 -0.822298 -0.108307
-1.13E-05 -0.009298 -3.788574
0.75000 -0.082354 -0.790068 -0.108307
-1.13E-05 -0.131125 -3.709885
1.00000 -0.082354 -0.765246 -0.108307
-1.13E-05 -0.258533 -3.677041

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.163244 10.938291 0.183689
0.001241 0.426601 15.770546
0.25000 0.163244 30.174554 0.183689
0.001241 0.218743 60.776245
0.50000 0.163244 57.840976 0.183689
0.001241 0.043564 87.608904
0.75000 0.163244 84.507444 0.183689
0.001241 0.203494 69.656660
1.00000 0.163244 111.395222 0.183689
0.001241 0.386382 16.913968

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.127910 -113.243274 -0.156624
-0.000122 -0.387898 -71.501170
0.25000 -0.127910 -81.840315 -0.156624
-0.000122 -0.199215 -22.059880
0.50000 -0.127910 -57.812637 -0.156624
-0.000122 -0.046091 -26.456604
0.75000 -0.127910 -29.321647 -0.156624
-0.000122 -0.256674 -32.416733
1.00000 -0.127910 -7.378310 -0.156624
-0.000122 -0.483641 -78.902949

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.159884 7.533764 0.232049
0.001130 0.549371 11.585654
0.25000 0.159884 20.733670 0.232049
0.001130 0.275744 42.809039
0.50000 0.159884 39.718344 0.232049
0.001130 0.034049 61.821049
0.75000 0.159884 58.016850 0.232049
0.001130 0.230023 50.281986
1.00000 0.159884 76.470170 0.232049
0.001130 0.452091 14.975783

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.135218 -78.518897 -0.185602
-0.000574 -0.465487 -52.965238
0.25000 -0.135218 -56.970215 -0.185602
-0.000574 -0.239443 -18.993173
0.50000 -0.135218 -40.482444 -0.185602
-0.000574 -0.041233 -21.956822
0.75000 -0.135218 -20.931952 -0.185602
-0.000574 -0.313071 -25.997462
1.00000 -0.135218 -5.874455 -0.185602
-0.000574 -0.599257 -57.848420

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.190069 6.276056 0.246936
0.000942 0.598141 9.922490
0.25000 0.190069 17.194376 0.246936
0.000942 0.293854 35.698472
0.50000 0.190069 32.897574 0.246936
0.000942 0.029223 51.514075
0.75000 0.190069 48.033208 0.246936
0.000942 0.243583 42.201301
1.00000 0.190069 63.296896 0.246936
0.000942 0.479478 13.399170

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.190229 -65.209069 -0.195756
-0.000933 -0.490004 -45.400320
0.25000 -0.190229 -47.385048 -0.195756
-0.000933 -0.250804 -17.337171
0.50000 -0.190229 -33.747166 -0.195756
-0.000933 -0.038495 -19.982456
0.75000 -0.190229 -17.575952 -0.195756
-0.000933 -0.329203 -23.215505
1.00000 -0.190229 -5.121122 -0.195756
-0.000933 -0.633858 -49.602004

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.275515 0.233184 0.144424
0.000129 0.352136 0.733219
0.25000 0.275515 0.239984 0.144424
0.000129 0.173952 0.738447
0.50000 0.275515 0.259026 0.144424
0.000129 0.002466 0.808055
0.75000 0.275515 0.280299 0.144424
0.000129 0.169344 0.895216
1.00000 0.275515 0.299129 0.144424
0.000129 0.342050 1.009200

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.189977 -0.333132 -0.139730
-0.000656 -0.348605 -2.875258
0.25000 -0.189977 -0.315734 -0.139730
-0.000656 -0.175863 -2.815741
0.50000 -0.189977 -0.294786 -0.139730
-0.000656 -0.009437 -2.833490
0.75000 -0.189977 -0.275053 -0.139730
-0.000656 -0.181744 -2.893103
1.00000 -0.189977 -0.263898 -0.139730
-0.000656 -0.359912 -3.017416

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.337437 0.551968 0.254846
2.31E-07 0.620912 1.515256
0.25000 0.337437 0.749153 0.254846
2.31E-07 0.306810 2.086191
0.50000 0.337437 1.301377 0.254846
2.31E-07 0.005117 2.665245
0.75000 0.337437 1.918303 0.254846
2.31E-07 0.286992 2.655408
1.00000 0.337437 2.464372 0.254846
2.31E-07 0.580888 2.384967

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.357285 -2.863928 -0.238003
-0.001200 -0.597076 -7.722149
0.25000 -0.357285 -2.359380 -0.238003
-0.001200 -0.303208 -6.438600
0.50000 -0.357285 -1.751904 -0.238003
-0.001200 -0.019618 -6.260569
0.75000 -0.357285 -1.179631 -0.238003
-0.001200 -0.322066 -6.235476
1.00000 -0.357285 -0.856142 -0.238003
-0.001200 -0.636430 -6.997310

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.346930	0.395029	0.328139
6.66E-06	0.798738	2.298005	
0.25000	0.346930	0.401148	0.328139
6.66E-06	0.393597	2.267504	
0.50000	0.346930	0.418286	0.328139
6.66E-06	0.008092	2.567814	
0.75000	0.346930	0.437432	0.328139
6.66E-06	0.352755	3.240825	
1.00000	0.346930	0.454379	0.328139
6.66E-06	0.721172	4.099852	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4701

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.316697	-1.449266	-0.297963
-0.001372	-0.751484	-11.251010	
0.25000	-0.316697	-1.433608	-0.297963
-0.001372	-0.383446	-10.263485	
0.50000	-0.316697	-1.414755	-0.297963
-0.001372	-0.029189	-9.597660	
0.75000	-0.316697	-1.396995	-0.297963
-0.001372	-0.415900	-9.100848	
1.00000	-0.316697	-1.386955	-0.297963
-0.001372	-0.821011	-8.803296	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407804	5.992245	0.395088
0.000382	0.954085	7.836085	
0.25000	0.407804	10.750184	0.395088
0.000382	0.475786	22.784230	
0.50000	0.407804	24.074965	0.395088
0.000382	0.028528	33.975769	
0.75000	0.407804	38.960964	0.395088
0.000382	0.431615	25.995094	
1.00000	0.407804	52.137334	0.395088
0.000382	0.865008	9.391367	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.323745	-53.311988	-0.355057
-0.001137	-0.896221	-40.072254	
0.25000	-0.323745	-41.137601	-0.355057
-0.001137	-0.458440	-18.673529	
0.50000	-0.323745	-26.479632	-0.355057
-0.001137	-0.047538	-19.919118	
0.75000	-0.323745	-12.671561	-0.355057
-0.001137	-0.512074	-21.834248	
1.00000	-0.323745	-4.865514	-0.355057
-0.001137	-0.999192	-40.350672	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046162	0.119312	0.121023
2.31E-06	0.294623	0.723665	
0.25000	0.046162	0.126111	0.121023
2.31E-06	0.145009	0.774053	
0.50000	0.046162	0.145153	0.121023
2.31E-06	0.004852	0.939907	
0.75000	0.046162	0.166427	0.121023
2.31E-06	0.123698	1.217352	
1.00000	0.046162	0.185257	0.121023
2.31E-06	0.254080	1.605920	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154284	-0.712258	-0.105535
-0.000563	-0.268448	-4.958962	
0.25000	-0.154284	-0.694860	-0.105535
-0.000563	-0.138133	-4.389599	
0.50000	-0.154284	-0.673912	-0.105535
-0.000563	-0.011794	-3.994683	
0.75000	-0.154284	-0.654179	-0.105535
-0.000563	-0.153991	-3.697907	
1.00000	-0.154284	-0.643024	-0.105535
-0.000563	-0.303621	-3.508118	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.148353	8.546025	0.244225
2.31E-07	0.582963	9.279261	
0.25000	0.148353	15.787474	0.244225
2.31E-07	0.295899	32.268915	
0.50000	0.148353	36.067419	0.244225
2.31E-07	0.034032	49.182552	
0.75000	0.148353	58.723496	0.244225
2.31E-07	0.250792	36.365401	
1.00000	0.148353	78.777411	0.244225
2.31E-07	0.493600	10.232813	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4702

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.150074	-79.767649	-0.203822
-0.000726	-0.523889	-50.614986	
0.25000	-0.150074	-61.238572	-0.203822
-0.000726	-0.273830	-18.844160	
0.50000	-0.150074	-38.929551	-0.203822
-0.000726	-0.024673	-21.308335	
0.75000	-0.150074	-17.913291	-0.203822
-0.000726	-0.326822	-24.650682	
1.00000	-0.150074	-6.033466	-0.203822
-0.000726	-0.627592	-53.091879	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.290971	7.868574	0.334252
2.08E-07	0.803590	8.877915	
0.25000	0.290971	14.422596	0.334252
2.08E-07	0.404124	29.676619	
0.50000	0.290971	32.777375	0.334252
2.08E-07	0.032613	45.064680	
0.75000	0.290971	53.282720	0.334252
2.08E-07	0.356897	33.583070	
1.00000	0.290971	71.432925	0.334252
2.08E-07	0.709442	10.078536	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.275544	-72.434051	-0.291914
-0.001175	-0.742397	-48.552705	
0.25000	-0.275544	-55.663932	-0.291914
-0.001175	-0.383366	-19.770090	
0.50000	-0.275544	-35.472696	-0.291914
-0.001175	-0.047255	-22.005944	
0.75000	-0.275544	-16.451501	-0.291914
-0.001175	-0.438465	-25.067256	
1.00000	-0.275544	-5.699423	-0.291914
-0.001175	-0.850443	-50.871469	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.344372	4.980839	0.411478
0.000666	0.994789	7.028234	
0.25000	0.344372	8.933038	0.411478
0.000666	0.494364	19.457995	
0.50000	0.344372	20.001318	0.411478
0.000666	0.026526	28.883335	
0.75000	0.344372	32.366430	0.411478
0.000666	0.450072	22.490810	
1.00000	0.344372	43.311349	0.411478
0.000666	0.904681	8.990429	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.304278	-44.735680	-0.371392
-0.000985	-0.935797	-36.972011	
0.25000	-0.304278	-34.622980	-0.371392
-0.000985	-0.477275	-18.836734	
0.50000	-0.304278	-22.447282	-0.371392
-0.000985	-0.047810	-19.572405	
0.75000	-0.304278	-10.977140	-0.371392
-0.000985	-0.532118	-20.913180	
1.00000	-0.304278	-4.493431	-0.371392
-0.000985	-1.039896	-36.085212	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154939	0.125530	0.220551
0.001162	0.536538	1.150326	
0.25000	0.154939	0.132329	0.220551
0.001162	0.264075	1.245897	
0.50000	0.154939	0.151371	0.220551
0.001162	0.007094	1.494436	
0.75000	0.154939	0.172645	0.220551
0.001162	0.257056	1.887641	
1.00000	0.154939	0.191475	0.220551
0.001162	0.519208	2.389146	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4703

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140465	-0.976541	-0.211501
-9.11E-06	-0.524609	-7.350045	
0.25000	-0.140465	-0.959142	-0.211501
-9.11E-06	-0.262498	-6.561124	
0.50000	-0.140465	-0.938195	-0.211501
-9.11E-06	-0.018989	-5.928119	
0.75000	-0.140465	-0.918461	-0.211501
-9.11E-06	-0.280885	-5.396396	
1.00000	-0.140465	-0.907307	-0.211501
-9.11E-06	-0.553312	-4.987402	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.301410	12.123840	0.352346
0.001251	0.841585	12.736498	
0.25000	0.301410	22.404658	0.352346
0.001251	0.427367	45.342282	
0.50000	0.301410	51.196468	0.352346
0.001251	0.049171	69.233849	
0.75000	0.301410	83.361715	0.352346
0.001251	0.403466	50.815963	
1.00000	0.301410	111.832625	0.352346
0.001251	0.785301	13.430517	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193669	-112.887709	-0.318604
-8.36E-05	-0.802161	-69.220531	
0.25000	-0.193669	-86.581640	-0.318604
-8.36E-05	-0.409977	-24.447020	
0.50000	-0.193669	-54.909113	-0.318604
-8.36E-05	-0.057779	-28.157120	
0.75000	-0.193669	-25.071944	-0.318604
-8.36E-05	-0.470957	-33.024519	
1.00000	-0.193669	-8.205940	-0.318604
-8.36E-05	-0.904497	-73.457365	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.272945	8.801310	0.408417
0.001138	0.982266	10.255222	
0.25000	0.272945	16.212067	0.408417
0.001138	0.492769	33.873809	
0.50000	0.272945	36.966163	0.408417
0.001138	0.040556	51.357915	
0.75000	0.272945	60.151945	0.408417
0.001138	0.450215	38.502778	
1.00000	0.272945	80.674726	0.408417
0.001138	0.894333	12.084578	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210826	-82.227839	-0.366305
-0.000457	-0.924396	-56.712208	
0.25000	-0.210826	-63.265547	-0.366305
-0.000457	-0.472946	-23.718316	
0.50000	-0.210826	-40.434935	-0.366305
-0.000457	-0.057936	-25.799579	
0.75000	-0.210826	-18.927308	-0.366305
-0.000457	-0.536405	-28.823542	
1.00000	-0.210826	-6.769730	-0.366305
-0.000457	-1.039816	-57.589972	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.321704	7.398336	0.435071
0.000948	1.049404	8.976974	
0.25000	0.321704	13.548469	0.435071
0.000948	0.524520	28.540332	
0.50000	0.321704	30.772141	0.435071
0.000948	0.035196	43.112988	
0.75000	0.321704	50.013851	0.435071
0.000948	0.480233	32.601652	
1.00000	0.321704	67.045556	0.435071
0.000948	0.958276	10.882799	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4704

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320442	-68.542270	-0.392518
-0.000839	-0.989225	-49.942660	
0.25000	-0.320442	-52.805604	-0.392518
-0.000839	-0.505050	-22.367572	
0.50000	-0.320442	-33.858646	-0.392518
-0.000839	-0.057936	-23.977536	
0.75000	-0.320442	-16.009625	-0.392518
-0.000839	-0.566679	-26.426570	
1.00000	-0.320442	-5.920140	-0.392518
-0.000839	-1.103083	-50.278922	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215076	10.938291	0.246936
0.001241	0.588141	15.770546	
0.25000	0.215076	30.174554	0.246936
0.001241	0.293854	60.776245	
0.50000	0.215076	57.840976	0.246936
0.001241	0.043564	87.608904	
0.75000	0.215076	84.507444	0.246936
0.001241	0.243583	69.656660	
1.00000	0.215076	111.399522	0.246936
0.001241	0.479478	16.913968	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.231860	-113.243274	-0.195756
-0.001459	-0.490004	-71.501170	
0.25000	-0.231860	-81.840315	-0.195756
-0.001459	-0.250804	-22.059880	
0.50000	-0.231860	-57.812637	-0.195756
-0.001459	-0.046091	-26.456604	
0.75000	-0.231860	-29.321647	-0.195756
-0.001459	-0.329203	-32.416733	
1.00000	-0.231860	-7.378310	-0.195756
-0.001459	-0.633858	-78.902949	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407804	12.123840	0.435071
0.001251	1.049404	12.736498	
0.25000	0.407804	22.404658	0.435071
0.001251	0.524520	45.342282	
0.50000	0.407804	51.196468	0.435071
0.001251	0.049171	69.233849	
0.75000	0.407804	83.361715	0.435071
0.001251	0.480233	50.815963	
1.00000	0.407804	111.832625	0.435071
0.001251	0.958276	13.430517	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.357285	-112.887709	-0.392518
-0.001372	-0.989225	-69.220531	
0.25000	-0.357285	-86.581640	-0.392518
-0.001372	-0.505050	-24.447020	
0.50000	-0.357285	-54.909113	-0.392518
-0.001372	-0.057936	-28.157120	
0.75000	-0.357285	-25.071944	-0.392518
-0.001372	-0.566679	-33.024519	
1.00000	-0.357285	-8.205940	-0.392518
-0.001372	-1.103083	-73.457365	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407804	12.123840	0.435071
0.001251	1.049404	15.770546	
0.25000	0.407804	30.174554	0.435071
0.001251	0.524520	60.776245	
0.50000	0.407804	57.840976	0.435071
0.001251	0.049171	87.608904	
0.75000	0.407804	84.507444	0.435071
0.001251	0.480233	69.656660	
1.00000	0.407804	111.832625	0.435071
0.001251	0.958276	16.913968	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4705

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.357285	-113.243274	-0.392518
-0.001459	-0.989225	-71.501170	
0.25000	-0.357285	-86.581640	-0.392518
-0.001459	-0.505050	-24.447020	
0.50000	-0.357285	-57.812637	-0.392518
-0.001459	-0.057936	-28.157120	
0.75000	-0.357285	-29.321647	-0.392518
-0.001459	-0.566679	-33.024519	
1.00000	-0.357285	-8.205940	-0.392518
-0.001459	-1.103083	-78.902949	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407804	12.123840	0.435071
0.001251	1.049404	15.770546	
0.25000	0.407804	30.174554	0.435071
0.001251	0.524520	60.776245	
0.50000	0.407804	57.840976	0.435071
0.001251	0.049171	87.608904	
0.75000	0.407804	84.507444	0.435071
0.001251	0.480233	69.656660	
1.00000	0.407804	111.832625	0.435071
0.001251	0.958276	16.913968	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.357285	-113.243274	-0.392518
-0.001459	-0.989225	-71.501170	
0.25000	-0.357285	-86.581640	-0.392518
-0.001459	-0.505050	-24.447020	
0.50000	-0.357285	-57.812637	-0.392518
-0.001459	-0.057936	-28.157120	
0.75000	-0.357285	-29.321647	-0.392518
-0.001459	-0.566679	-33.024519	
1.00000	-0.357285	-8.205940	-0.392518
-0.001459	-1.103083	-78.902949	

ELEM 458 ========== LENGTH = 4.943095

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131463	0.085710	0.076756
4.52E-07	0.193207	0.943403	
0.25000	0.131463	0.109376	0.076756
4.52E-07	0.098470	1.209343	
0.50000	0.131463	0.140767	0.076756
4.52E-07	0.005180	1.469398	
0.75000	0.131463	0.170241	0.076756
4.52E-07	0.091285	1.697187	
1.00000	0.131463	0.201024	0.076756
4.52E-07	0.182485	1.901257	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136810	-0.369828	-0.073792
-0.000655	-0.182281	-2.427427	
0.25000	-0.136810	-0.337658	-0.073792
-0.000655	-0.091090	-2.348406	
0.50000	-0.136810	-0.308238	-0.073792
-0.000655	-0.008200	-2.323652	
0.75000	-0.136810	-0.276781	-0.073792
-0.000655	-0.091452	-2.299930	
1.00000	-0.136810	-0.252833	-0.073792
-0.000655	-0.186236	-2.329561	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.181153	0.479205	0.144066
1.89E-06	0.362952	2.673989	
0.25000	0.181153	1.141836	0.144066
1.89E-06	0.185487	4.520603	
0.50000	0.181153	2.020794	0.144066
1.89E-06	0.012737	5.734566	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page

< MOVING LOAD >
4706

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242509	-4.153716	-0.118347
-0.001185	-0.292385	-6.795910	
0.25000	-0.242509	-3.280978	-0.118347
-0.001185	-0.146381	-5.201762	
0.50000	-0.242509	-2.457198	-0.118347
-0.001185	-0.015878	-5.127116	
0.75000	-0.242509	-1.576413	-0.118347
-0.001185	-0.172168	-5.271410	
1.00000	-0.242509	-0.905870	-0.118347
-0.001185	-0.350078	-6.496123	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218752	0.275948	0.202716
4.07E-07	0.510183	4.699659	
0.25000	0.218752	0.297247	0.202716
4.07E-07	0.259898	5.121162	
0.50000	0.218752	0.325499	0.202716
4.07E-07	0.020018	5.777585	
0.75000	0.218752	0.352025	0.202716
4.07E-07	0.156854	6.665605	
1.00000	0.218752	0.379730	0.202716
4.07E-07	0.323199	7.716417	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210783	-1.185445	-0.134537
-0.001383	-0.341770	-6.643024	
0.25000	-0.210783	-1.157393	-0.134537
-0.001383	-0.175458	-6.419628	
0.50000	-0.210783	-1.130914	-0.134537
-0.001383	-0.020514	-6.280085	
0.75000	-0.210783	-1.102603	-0.134537
-0.001383	-0.241979	-6.071781	
1.00000	-0.210783	-1.081050	-0.134537
-0.001383	-0.492296	-5.946392	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243942	6.457237	0.240550
0.000432	0.603430	12.911551	
0.25000	0.243942	19.005822	0.240550
0.000432	0.313919	43.984213	
0.50000	0.243942	35.651088	0.240550
0.000432	0.048982	59.449666	
0.75000	0.243942	51.279507	0.240550
0.000432	0.194749	47.795202	
1.00000	0.243942	67.602530	0.240550
0.000432	0.396637	16.494538	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.225280	-68.692137	-0.163556
-0.001147	-0.414100	-51.368487	
0.25000	-0.225280	-52.164620	-0.163556
-0.001147	-0.217299	-22.463470	
0.50000	-0.225280	-36.564303	-0.163556
-0.001147	-0.045353	-22.333934	
0.75000	-0.225280	-19.884436	-0.163556
-0.001147	-0.302118	-22.549916	
1.00000	-0.225280	-7.186029	-0.163556
-0.001147	-0.599204	-50.793998	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046398	0.107266	0.080696
4.44E-06	0.203365	1.981378	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4707

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.046398	0.130931	0.080696
4.44E-06	0.103722	2.161178	
0.50000	0.046398	0.162323	0.080696
4.44E-06	0.008905	2.450860	
0.75000	0.046398	0.191797	0.080696
4.44E-06	0.049950	2.812560	
1.00000	0.046398	0.222580	0.080696
4.44E-06	0.099963	3.220997	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098571	-0.585284	-0.041191
-0.000563	-0.198743	-2.738211	
0.25000	-0.098571	-0.554115	-0.041191
-0.000563	-0.055814	-2.590434	
0.50000	-0.098571	-0.524694	-0.041191
-0.000563	-0.007886	-2.506941	
0.75000	-0.098571	-0.493238	-0.041191
-0.000563	-0.098221	-2.434472	
1.00000	-0.098571	-0.469290	-0.041191
-0.000563	-0.195864	-2.394295	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.126946	8.535579	0.172838
3.92E-05	0.432665	14.089339	
0.25000	0.126946	25.716670	0.172838
3.92E-05	0.229482	56.270103	
0.50000	0.126946	48.506793	0.172838
3.92E-05	0.052364	76.966067	
0.75000	0.126946	69.904855	0.172838
3.92E-05	0.088587	60.326922	
1.00000	0.126946	92.253604	0.172838
3.92E-05	0.186771	16.623518	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099623	-93.166695	-0.079723
-0.000744	-0.210409	-65.214120	
0.25000	-0.099623	-70.537789	-0.079723
-0.000744	-0.119190	-25.779520	
0.50000	-0.099623	-49.178374	-0.079723
-0.000744	-0.046051	-25.742977	
0.75000	-0.099623	-26.340875	-0.079723
-0.000744	-0.226662	-26.178833	
1.00000	-0.099623	-8.954654	-0.079723
-0.000744	-0.440120	-64.989430	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.205435	7.767606	0.218074
3.54E-05	0.546968	13.494054	
0.25000	0.205435	23.294484	0.218074
3.54E-05	0.286975	51.812800	
0.50000	0.205435	43.890352	0.218074
3.54E-05	0.051706	70.711416	
0.75000	0.205435	63.228033	0.218074

3.54E-05	0.148496	55.879164	
1.00000	0.205435	83.425177	0.218074
3.54E-05	0.305657	16.591873	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176105	-84.391892	-0.127412
-0.001191	-0.326960	-60.852440	
0.25000	-0.176105	-63.941720	-0.127412
-0.001191	-0.176105	-25.186425	
0.50000	-0.176105	-44.638810	-0.127412
-0.001191	-0.048068	-25.125289	
0.75000	-0.176105	-24.000129	-0.127412
-0.001191	-0.278358	-25.491560	
1.00000	-0.176105	-8.287870	-0.127412
-0.001191	-0.547666	-60.537808	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.225752	5.312285	0.244518
0.000718	0.613707	12.169954	
0.25000	0.225752	15.500246	0.244518
0.000718	0.317889	37.490324	
0.50000	0.225752	29.014224	0.244518
0.000718	0.046276	50.231321	
0.75000	0.225752	41.720643	0.244518
0.000718	0.205679	41.054500	
1.00000	0.225752	54.954999	0.244518
0.000718	0.418743	16.015388	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.203139	-56.143846	-0.172549
-0.000997	-0.436014	-43.468210	
0.25000	-0.203139	-42.725466	-0.172549
-0.000997	-0.227081	-19.913400	
0.50000	-0.203139	-30.059862	-0.172549
-0.000997	-0.041473	-19.720750	
0.75000	-0.203139	-16.517792	-0.172549
-0.000997	-0.304177	-19.808643	
1.00000	-0.203139	-6.208194	-0.172549
-0.000997	-0.606160	-42.651805	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092481	0.109206	0.107559
0.001107	0.265798	3.058255	
0.25000	0.092481	0.132872	0.107559
0.001107	0.132826	3.350826	
0.50000	0.092481	0.164263	0.107559
0.001107	0.012135	3.777535	
0.75000	0.092481	0.193737	0.107559
0.001107	0.139908	4.332805	
1.00000	0.092481	0.224521	0.107559
0.001107	0.279693	4.947861	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090687	-0.809460	-0.113101
-8.69E-06	-0.279438	-3.658752	
0.25000	-0.090687	-0.778291	-0.113101
-8.69E-06	-0.139736	-3.428600	
0.50000	-0.090687	-0.748870	-0.113101
-8.69E-06	-0.009606	-3.252715	
0.75000	-0.090687	-0.717413	-0.113101
-8.69E-06	-0.132982	-3.077483	
1.00000	-0.090687	-0.693465	-0.113101
-8.69E-06	-0.265904	-2.955124	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.173094	10.385190	0.191224
0.001340	0.472937	16.862344	
0.25000	0.173094	31.305417	0.191224
0.001340	0.249196	68.310145	
0.50000	0.173094	59.055373	0.191224
0.001340	0.061804	93.510004	
0.75000	0.173094	85.110107	0.191224
0.001340	0.195172	73.199585	
1.00000	0.173094	112.322841	0.191224
0.001340	0.389246	19.895505	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140965	-113.413412	-0.157423
-8.90E-05	-0.394897	-78.909301	
0.25000	-0.140965	-85.859758	-0.157423
-8.90E-05	-0.209291	-30.850069	
0.50000	-0.140965	-59.851875	-0.157423
-8.90E-05	-0.053606	-30.763110	
0.75000	-0.140965	-32.044232	-0.157423
-8.90E-05	-0.257941	-31.251332	
1.00000	-0.140965	-10.874233	-0.157423
-8.90E-05	-0.494248	-78.465960	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.191570	7.238076	0.239552
0.001161	0.595836	14.916113	
0.25000	0.191570	21.593516	0.239552
0.001161	0.308491	50.408581	
0.50000	0.191570	40.635511	0.239552
0.001161	0.055653	68.075442	
0.75000	0.191570	58.514246	0.239552
0.001161	0.202044	54.722905	
1.00000	0.191570	77.187599	0.239552
0.001161	0.412956	18.856429	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.139027	-78.521869	-0.170872
-0.000496	-0.434272	-57.836018	
0.25000	-0.139027	-59.614577	-0.170872
-0.000496	-0.229130	-24.710490	
0.50000	-0.139027	-41.767991	-0.170872
-0.000496	-0.047280	-24.503493	
0.75000	-0.139027	-22.686412	-0.170872
-0.000496	-0.301718	-24.691147	
1.00000	-0.139027	-8.159577	-0.170872
-0.000496	-0.603641	-56.942305	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.218822	6.045100	0.253406
0.000968	0.632221	13.244729	
0.25000	0.218822	17.919221	0.253406
0.000968	0.326319	42.703767	
0.50000	0.218822	33.669833	0.253406
0.000968	0.050544	57.486110	
0.75000	0.218822	48.458252	0.253406
0.000968	0.221682	46.657438	
1.00000	0.218822	63.903941	0.253406
0.000968	0.450541	17.257845	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197918	-65.189170	-0.185360
-0.000864	-0.467851	-49.584647	
0.25000	-0.197918	-49.549977	-0.185360
-0.000864	-0.243807	-22.148437	
0.50000	-0.197918	-34.788150	-0.185360
-0.000864	-0.044679	-21.941029	
0.75000	-0.197918	-19.004796	-0.185360
-0.000864	-0.320156	-22.060229	
1.00000	-0.197918	-6.988906	-0.185360
-0.000864	-0.633175	-48.700814	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.300318	0.116335	0.146029
2.69E-07	0.364524	0.980952	
0.25000	0.300318	0.124288	0.146029
2.69E-07	0.184531	1.198021	
0.50000	0.300318	0.143472	0.146029
2.69E-07	0.005404	1.449448	
0.75000	0.300318	0.164400	0.146029
2.69E-07	0.145966	1.764947	
1.00000	0.300318	0.182770	0.146029
2.69E-07	0.300079	2.084154	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193318	-0.405799	-0.124612
-0.000658	-0.315888	-2.989149	
0.25000	-0.193318	-0.387523	-0.124612
-0.000658	-0.161775	-2.889089	
0.50000	-0.193318	-0.366615	-0.124612
-0.000658	-0.010436	-2.866473	
0.75000	-0.193318	-0.347373	-0.124612
-0.000658	-0.175283	-2.949188	
1.00000	-0.193318	-0.339021	-0.124612
-0.000658	0.355363	-3.069250	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.376501	0.457569	0.254753
1.24E-06	0.637854	2.338906	
0.25000	0.376501	0.688206	0.254753
1.24E-06	0.324107	3.362115	
0.50000	0.376501	1.244562	0.254753
1.24E-06	0.012670	4.217516	
0.75000	0.376501	1.851465	0.254753
1.24E-06	0.247406	4.517128	
1.00000	0.376501	2.384180	0.254753
1.24E-06	0.508594	4.544411	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.334215	-2.919200	-0.211536
-0.001176	-0.537312	-6.957038	
0.25000	-0.334215	-2.389190	-0.211536
-0.001176	-0.275911	-5.906427	
0.50000	-0.334215	-1.782650	-0.211536
-0.001176	-0.019108	-5.273582	
0.75000	-0.334215	-1.224850	-0.211536
-0.001176	-0.304823	-5.899387	
1.00000	-0.334215	-0.982637	-0.211536
-0.001176	-0.618938	-6.819741	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.402064	0.420808	0.327350
6.79E-06	0.822246	4.042192	
0.25000	0.402064	0.427966	0.327350
6.79E-06	0.418335	4.399287	
0.50000	0.402064	0.445232	0.327350
6.79E-06	0.019822	5.015813	
0.75000	0.402064	0.464067	0.327350
6.79E-06	0.289617	6.127437	
1.00000	0.402064	0.480599	0.327350
6.79E-06	0.603589	7.343651	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.294328	-1.430638	-0.253965
-0.001289	-0.650788	-8.771018	
0.25000	-0.294328	-1.411489	-0.253965
-0.001289	-0.336857	-8.194192	
0.50000	-0.294328	-1.395372	-0.253965
-0.001289	-0.026371	-7.828935	
0.75000	-0.294328	-1.378055	-0.253965
-0.001289	-0.389534	-7.837582	
1.00000	-0.294328	-1.370538	-0.253965
-0.001289	-0.793482	-7.942421	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.445469	5.855632	0.396191
0.000399	0.993248	9.345662	
0.25000	0.445469	11.420746	0.396191
0.000399	0.512492	26.910610	
0.50000	0.445469	24.845230	0.396191
0.000399	0.043001	37.738924	
0.75000	0.445469	39.489392	0.396191
0.000399	0.364029	29.408203	
1.00000	0.445469	52.343444	0.396191
0.000399	0.740152	13.591912	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.316765	-53.665571	-0.310737
-0.001069	-0.803708	-40.352056	
0.25000	-0.316765	-40.876805	-0.310737
-0.001069	-0.419212	-20.022159	
0.50000	-0.316765	-26.246230	-0.310737
-0.001069	-0.042599	-19.701060	
0.75000	-0.316765	-12.782090	-0.310737
-0.001069	-0.483406	-19.809486	
1.00000	-0.316765	-6.937644	-0.310737
-0.001069	-0.970446	-39.105536	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065310	0.175866	0.119060
2.38E-06	0.300419	1.586092	
0.25000	0.065310	0.183819	0.119060
2.38E-06	0.153220	1.780288	
0.50000	0.065310	0.203004	0.119060
2.38E-06	0.008630	2.047181	
0.75000	0.065310	0.223932	0.119060
2.38E-06	0.102266	2.454658	
1.00000	0.065310	0.242301	0.119060
2.38E-06	0.211989	2.912704	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.124026	-0.651520	-0.088758
-0.000506	-0.227657	-3.497636	
0.25000	-0.124026	-0.633344	-0.088758
-0.000506	-0.118504	-3.213213	
0.50000	-0.124026	-0.612336	-0.088758
-0.000506	-0.009846	-3.042294	
0.75000	-0.124026	-0.593094	-0.088758
-0.000506	-0.141018	-3.028506	
1.00000	-0.124026	-0.584742	-0.088758
-0.000506	-0.288226	-3.066247	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.176079	8.399968	0.243096
3.72E-05	0.613055	10.293509	
0.25000	0.176079	16.869916	0.243096
3.72E-05	0.323008	36.723764	
0.50000	0.176079	37.301607	0.243096
3.72E-05	0.047621	52.732560	
0.75000	0.176079	59.589614	0.243096
3.72E-05	0.199556	38.916106	
1.00000	0.176079	79.153122	0.243096
3.72E-05	0.395868	13.574166	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123506	-80.271644	-0.169326
-0.000635	-0.453559	-53.112693	
0.25000	-0.123506	-60.807499	-0.169326
-0.000635	-0.244464	-22.702331	
0.50000	-0.123506	-38.540171	-0.169326
-0.000635	-0.039904	-22.580440	
0.75000	-0.123506	-18.048125	-0.169326
-0.000635	-0.304677	-22.798465	
1.00000	-0.123506	-9.153042	-0.169326
-0.000635	-0.602002	-52.097712	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335267	7.677289	0.333385
3.37E-05	0.836634	10.030900	
0.25000	0.335267	15.343189	0.333385
3.37E-05	0.436234	34.199829	
0.50000	0.335267	33.835308	0.333385
3.37E-05	0.047825	48.894618	
0.75000	0.335267	54.007524	0.333385
3.37E-05	0.293210	36.665530	
1.00000	0.335267	71.713876	0.333385
3.37E-05	0.589713	14.013165	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.243601	-72.922109	-0.249360
-0.001101	-0.654199	-50.868006	
0.25000	-0.243601	-55.305687	-0.249360
-0.001101	-0.346139	-23.279645	
0.50000	-0.243601	-35.152187	-0.249360
-0.001101	-0.044189	-23.136483	
0.75000	-0.243601	-16.605442	-0.249360
-0.001101	-0.411502	-23.370402	
1.00000	-0.243601	-8.554765	-0.249360
-0.001101	-0.820441	-49.931331	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.371435	4.945667	0.412208
0.000677	1.034587	8.958468	
0.25000	0.371435	9.568350	0.412208
0.000677	0.532203	23.613732	
0.50000	0.371435	20.719449	0.412208
0.000677	0.041335	32.764841	
0.75000	0.371435	32.883676	0.412208
0.000677	0.463130	26.133956	
1.00000	0.371435	43.560945	0.412208
0.000677	0.783211	13.346860	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.299483	-44.983426	-0.328316
-0.000922	-0.845363	-36.094176	
0.25000	-0.299483	-34.360388	-0.328316
-0.000922	-0.439226	-18.975493	
0.50000	-0.299483	-22.207445	-0.328316
-0.000922	-0.040960	-18.511344	
0.75000	-0.299483	-11.023406	-0.328316
-0.000922	-0.500838	-18.495266	
1.00000	-0.299483	-6.168695	-0.328316
-0.000922	-1.008262	-34.465226	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140038	0.184671	0.223765
0.001091	0.558924	2.410023	
0.25000	0.140038	0.192624	0.223765
0.001091	0.282416	2.646616	
0.50000	0.140038	0.211808	0.223765
0.001091	0.011334	3.005009	
0.75000	0.140038	0.232736	0.223765
0.001091	0.237269	3.575770	
1.00000	0.140038	0.251106	0.223765
0.001091	0.486291	4.278486	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.186381	-0.939285	-0.200883
-7.13E-06	-0.504822	-5.010971	
0.25000	-0.186381	-0.921009	-0.200883
-7.13E-06	-0.255952	-4.477442	
0.50000	-0.186381	-0.900101	-0.200883
-7.13E-06	-0.012382	-4.076013	
0.75000	-0.186381	-0.880859	-0.200883
-7.13E-06	-0.270533	-3.859334	
1.00000	-0.186381	-0.872507	-0.200883
-7.13E-06	-0.547070	-3.806771	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.283180	11.815015	0.357530
0.001279	0.891596	13.448159	
0.25000	0.283180	23.839956	0.357530
0.001279	0.467753	51.025213	
0.50000	0.283180	52.847202	0.357530
0.001279	0.061453	73.594304	
0.75000	0.283180	84.489893	0.357530
0.001279	0.462199	53.686370	
1.00000	0.283180	112.264564	0.357530
0.001279	0.711230	17.448176	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245880	-113.679380	-0.296431
-6.76E-05	-0.771831	-73.521910	
0.25000	-0.245880	-86.045777	-0.296431
-6.76E-05	-0.404585	-30.405745	
0.50000	-0.245880	-54.432444	-0.296431
-6.76E-05	-0.049496	-30.231056	
0.75000	-0.245880	-25.339511	-0.296431
-6.76E-05	-0.453938	-30.369848	
1.00000	-0.245880	-12.710998	-0.296431
-6.76E-05	-0.891321	-71.852102	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.279361	8.689726	0.411340
0.001117	1.029853	12.084187	
0.25000	0.279361	17.357705	0.411340
0.001117	0.534422	39.366360	
0.50000	0.279361	38.267094	0.411340
0.001117	0.056042	55.980366	
0.75000	0.279361	61.076201	0.411340
0.001117	0.388388	42.199986	
1.00000	0.279361	81.097109	0.411340
0.001117	0.780916	16.750116	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.238111	-82.731562	-0.327696
-0.000385	-0.850395	-57.640951	
0.25000	-0.238111	-62.812340	-0.327696
-0.000385	-0.444723	-26.133935	
0.50000	-0.238111	-40.024396	-0.327696
-0.000385	-0.048418	-25.685671	
0.75000	-0.238111	-19.053240	-0.327696
-0.000385	-0.509783	-25.698155	
1.00000	-0.238111	-9.950187	-0.327696
-0.000385	-1.014872	-55.600247	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338547	7.297424	0.436699
0.000930	1.093871	10.865875	
0.25000	0.338547	14.490915	0.436699
0.000930	0.565177	33.621891	
0.50000	0.338547	31.843464	0.436699
0.000930	0.051230	47.580564	
0.75000	0.338547	50.772574	0.436699
0.000930	0.415083	36.427321	
1.00000	0.338547	67.387779	0.436699
0.000930	0.839039	15.601045	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.325113	-68.956747	-0.351315
-0.000774	-0.907008	-50.304514	
0.25000	-0.325113	-52.425931	-0.351315
-0.000774	-0.472289	-24.060885	
0.50000	-0.325113	-33.514383	-0.351315
-0.000774	-0.047115	-23.632571	
0.75000	-0.325113	-16.110554	-0.351315
-0.000774	-0.536800	-23.621211	
1.00000	-0.325113	-8.556019	-0.351315
-0.000774	-1.073571	-48.461763	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243942	10.385190	0.253406
0.001340	0.632221	16.862344	
0.25000	0.243942	31.305417	0.253406
0.001340	0.326319	68.310145	
0.50000	0.243942	59.055373	0.253406
0.001340	0.061804	93.510004	
0.75000	0.243942	85.110107	0.253406
0.001340	0.221682	73.199585	
1.00000	0.243942	112.322841	0.253406
0.001340	0.450541	19.895505	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242509	-113.413412	-0.185360
-0.001383	-0.467851	-78.909301	
0.25000	-0.242509	-85.859758	-0.185360
-0.001383	-0.243807	-30.850069	
0.50000	-0.242509	-59.851875	-0.185360
-0.001383	-0.053606	-30.763110	
0.75000	-0.242509	-32.044232	-0.185360
-0.001383	-0.320156	-31.251332	
1.00000	-0.242509	-10.874233	-0.185360
-0.001383	-0.633175	-78.465960	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.445469	11.815015	0.436699
0.001279	1.093871	13.448159	
0.25000	0.445469	23.839956	0.436699
0.001279	0.565177	51.025213	
0.50000	0.445469	52.847202	0.436699
0.001279	0.061453	73.594304	
0.75000	0.445469	84.489893	0.436699
0.001279	0.415083	53.686370	
1.00000	0.445469	112.264564	0.436699
0.001279	0.839039	17.448176	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.334215	-113.679380	-0.351315
-0.001289	-0.907008	-73.521910	
0.25000	-0.334215	-86.045777	-0.351315
-0.001289	-0.472289	-30.405745	
0.50000	-0.334215	-54.432444	-0.351315
-0.001289	-0.049496	-30.231056	
0.75000	-0.334215	-25.339511	-0.351315
-0.001289	-0.536800	-30.369848	
1.00000	-0.334215	-12.710998	-0.351315
-0.001289	-1.073571	-71.852102	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.445469	11.815015	0.436699
0.001340	1.093871	16.862344	
0.25000	0.445469	31.305417	0.436699
0.001340	0.565177	68.310145	
0.50000	0.445469	59.055373	0.436699
0.001340	0.061804	93.510004	
0.75000	0.445469	85.110107	0.436699
0.001340	0.415083	73.199585	
1.00000	0.445469	112.322841	0.436699
0.001340	0.839039	19.895505	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.334215	-113.679380	-0.351315
-0.001383	-0.907008	-78.909301	
0.25000	-0.334215	-86.045777	-0.351315
-0.001383	-0.472289	-30.850069	
0.50000	-0.334215	-59.851875	-0.351315
-0.001383	-0.053606	-30.763110	
0.75000	-0.334215	-32.044232	-0.351315
-0.001383	-0.536800	-31.251332	
1.00000	-0.334215	-12.710998	-0.351315
-0.001383	-1.073571	-78.465960	

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.445469 11.815015 0.436699
0.001340 1.093871 16.862344
0.25000 0.445469 31.305417 0.436699
0.001340 0.565177 68.310145
0.50000 0.445469 59.055373 0.436699
0.001340 0.061804 93.510004
0.75000 0.445469 85.110107 0.436699
0.001340 0.415083 73.199585
1.00000 0.445469 112.322841 0.436699
0.001340 0.839039 19.895505

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.334215 -113.679380 -0.351315
-0.001383 -0.907008 -78.909901
0.25000 -0.334215 -86.045777 -0.351315
-0.001383 -0.472289 -30.850069
0.50000 -0.334215 -59.851875 -0.351315
-0.001383 -0.053606 -30.763110
0.75000 -0.334215 -32.044232 -0.351315
-0.001383 -0.536800 -31.251332
1.00000 -0.334215 -12.710998 -0.351315
-0.001383 -1.073571 -78.465960
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4715

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 459 ========== LENGTH = 4.943480

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.144716 0.105490 0.064571
3.76E-07 0.163628 1.895525
0.25000 0.144716 0.129261 0.064571
3.76E-07 0.085842 2.211714
0.50000 0.144716 0.160653 0.064571
3.76E-07 0.009219 2.509600
0.75000 0.144716 0.190075 0.064571
3.76E-07 0.093373 2.773275
1.00000 0.144716 0.220899 0.064571
3.76E-07 0.186135 3.010124

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.150245 -0.394241 -0.075052
-0.000549 -0.184880 -2.326874
0.25000 -0.150245 -0.363343 -0.075052
-0.000549 -0.092126 -2.273840
0.50000 -0.150245 -0.333931 -0.075052
-0.000549 -0.007424 -2.274327
0.75000 -0.150245 -0.307533 -0.075052
-0.000549 -0.080544 -2.276234
1.00000 -0.150245 -0.278651 -0.075052
-0.000549 -0.160358 -2.331616

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.199785 0.499146 0.117909
3.76E-07 0.306674 4.560039
0.25000 0.199785 1.164752 0.117909
3.76E-07 0.161396 6.609430
0.50000 0.199785 2.043713 0.117909
3.76E-07 0.016116 7.817517
0.75000 0.199785 2.867534 0.117909
3.76E-07 0.149996 7.763696
1.00000 0.199785 3.730599 0.117909
3.76E-07 0.298891 6.775203

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.259387 -4.210589 -0.120490
-0.000994 -0.296710 -6.489619
0.25000 -0.259387 -3.345445 -0.120490
-0.000994 -0.148042 -4.960643
0.50000 -0.259387 -2.521904 -0.120490
-0.000994 -0.014451 -4.928988
0.75000 -0.259387 -1.642759 -0.120490
-0.000994 -0.142322 -4.926481
1.00000 -0.259387 -0.974066 -0.120490
-0.000994 -0.287939 -6.414552

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.237116 0.306958 0.167446
0.000164 0.434392 7.674918
0.25000 0.237116 0.393552 0.167446
0.000164 0.227992 8.209465
0.50000 0.237116 0.356604 0.167446
0.000164 0.030985 8.970155
0.75000 0.237116 0.383084 0.167446
0.000164 0.152068 9.978117
1.00000 0.237116 0.410826 0.167446
0.000164 0.302882 11.150350

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.227342 -1.296255 -0.121997
-0.001176 -0.302221 -5.932764
0.25000 -0.227342 -1.268447 -0.121997
-0.001176 -0.151773 -5.835023
0.50000 -0.227342 -1.241976 -0.121997
-0.001176 -0.018343 -5.785505
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4716

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.227342 -1.213718 -0.121997
-0.001176 -0.196703 -5.737294
1.00000 -0.227342 -1.192224 -0.121997
-0.001176 -0.403159 -5.737325

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.261891 6.463223 0.202269
0.000504 0.527029 16.429850
0.25000 0.261891 19.068131 0.202269
0.000504 0.281838 49.370834
0.50000 0.261891 35.713460 0.202269
0.000504 0.061809 63.348482
0.75000 0.261891 51.314568 0.202269
0.000504 0.190508 51.744238
1.00000 0.261891 67.658862 0.202269
0.000504 0.378785 20.564595

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.243190 -68.840672 -0.152986
-0.001039 -0.377502 -50.797983
0.25000 -0.243190 -52.457011 -0.152986
-0.001039 -0.195261 -22.043729
0.50000 -0.243190 -36.861212 -0.152986
-0.001039 -0.042315 -21.635282
0.75000 -0.243190 -20.212402 -0.152986
-0.001039 -0.252823 -21.775455
1.00000 -0.243190 -7.549034 -0.152986
-0.001039 -0.501375 -50.138414

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.051424 0.110013 0.066382
4.13E-06 0.172542 3.206447
0.25000 0.051424 0.133785 0.066382
4.13E-06 0.090729 3.441242
0.50000 0.051424 0.165177 0.066382
4.13E-06 0.013178 3.779485
0.75000 0.051424 0.194599 0.066382
4.13E-06 0.051565 4.198109
1.00000 0.051424 0.225423 0.066382
4.13E-06 0.102682 4.665988

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.100546 -0.630658 -0.041344
-0.000476 -0.101650 -2.387687
0.25000 -0.100546 -0.599760 -0.041344
-0.000476 -0.050473 -2.306993
0.50000 -0.100546 -0.570348 -0.041344
-0.000476 -0.007037 -2.279757
0.75000 -0.100546 -0.538950 -0.041344
-0.000476 -0.074260 -2.253554
1.00000 -0.100546 -0.515068 -0.041344
-0.000476 -0.156060 -2.280577

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.131836 8.511283 0.146714
0.000177 0.384114 16.563487
0.25000 0.131836 25.769489 0.146714
0.000177 0.220987 61.242828
0.50000 0.131836 48.559699 0.146714
0.000177 0.061263 79.815188
0.75000 0.131836 69.920196 0.146714
0.000177 0.081379 63.155536
1.00000 0.131836 92.298240 0.146714
0.000177 0.160139 19.549007

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.104009 -93.291656 -0.064625
-0.000642 -0.159334 -65.005472
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4717

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.104009 -70.859713 -0.064625
-0.000642 -0.089653 -2.377043
0.50000 -0.104009 -49.506483 -0.064625
-0.000642 -0.043686 -25.162588
0.75000 -0.104009 -26.711506 -0.064625
-0.000642 -0.186108 -25.396878
1.00000 -0.104009 -9.373260 -0.064625
-0.000642 -0.367051 -64.272458

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.219008 7.763622 0.182925
0.000159 0.478059 16.532100
0.25000 0.219008 23.360190 0.182925
0.000159 0.257628 57.145526
0.50000 0.219008 43.956136 0.182925
0.000159 0.062988 74.159957
0.75000 0.219008 63.260024 0.182925
0.000159 0.143884 59.338560
1.00000 0.219008 83.483488 0.182925
0.000159 0.284925 20.160211

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.189651 -84.527700 -0.114930
-0.001006 -0.263203 -60.548363
0.25000 -0.189651 -64.255527 -0.114930
-0.001006 -0.149144 -25.006149
0.50000 -0.189651 -44.958208 -0.114930
-0.001006 -0.045314 -24.536398
0.75000 -0.189651 -24.357954 -0.114930
-0.001006 -0.227953 -24.774302
1.00000 -0.189651 -8.689051 -0.114930
-0.001006 -0.450019 -59.875215

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.241958 5.320999 0.210721
0.000759 0.541228 15.950099
0.25000 0.241958 15.554687 0.210721
0.000759 0.285121 42.806791
0.50000 0.241958 29.068717 0.210721
0.000759 0.059479 54.363991
0.75000 0.241958 41.734962 0.210721
0.000759 0.200654 45.259482
1.00000 0.241958 55.004588 0.210721
0.000759 0.399613 20.350625

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.219229 -56.302851 -0.161496
-0.000842 -0.398742 -42.648956
0.25000 -0.219229 -43.001265 -0.161496
-0.000842 -0.204928 -19.268176
0.50000 -0.219229 -30.339310 -0.161496
-0.000842 -0.038343 -18.900874
0.75000 -0.219229 -16.822473 -0.161496
-0.000842 -0.259145 -18.978900
1.00000 -0.219229 -6.541323 -0.161496
-0.000842 -0.516234 -41.970476

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.099803 0.126079 0.107339
0.000956 0.265513 4.932464
0.25000 0.099803 0.149851 0.107339
0.000956 0.122868 5.267154
0.50000 0.099803 0.181242 0.107339
0.000956 0.017884 5.740083
0.75000 0.099803 0.210664 0.107339
0.000956 0.138878 6.360712
1.00000 0.099803 0.241488 0.107339
0.000956 0.278209 7.043196
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4718

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.098624 -0.872619 -0.112726
-6.72E-06 -0.279048 -2.942987
0.25000 -0.098624 -0.841721 -0.112726
-6.72E-06 -0.139725 -2.814532
0.50000 -0.098624 -0.812308 -0.112726
-6.72E-06 -0.008191 -2.739534
0.75000 -0.098624 -0.780910 -0.112726
-6.72E-06 -0.132496 -2.665570
1.00000 -0.098624 -0.757028 -0.112726
-6.72E-06 -0.265152 -2.644926

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.180931 10.359457 0.182928
0.001162 0.464518 19.837320
0.25000 0.180931 31.373581 0.182928
0.001162 0.245460 74.286841
0.50000 0.180931 59.123644 0.182928
0.001162 0.072033 96.883817
0.75000 0.180931 85.132844 0.182928
0.001162 0.193191 76.529726
1.00000 0.180931 112.381041 0.182928
0.001162 0.384824 23.312940

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.152808 -113.553462 -0.156156
-8.34E-05 -0.387123 -78.483506
0.25000 -0.152808 -86.239637 -0.156156
-8.34E-05 -0.202865 -30.566714
0.50000 -0.152808 -60.239286 -0.156156
-8.34E-05 -0.050629 -29.906144
0.75000 -0.152808 -32.483418 -0.156156
-8.34E-05 -0.244737 -30.159649
1.00000 -0.152808 -11.371835 -0.156156
-8.34E-05 -0.470752 -77.464020

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.202263 7.233586 0.220197
0.001147 0.560914 18.786915
0.25000 0.202263 21.653458 0.220197
0.001147 0.339316 56.387312
0.50000 0.202263 40.695526 0.220197
0.001147 0.068645 72.324003
0.75000 0.202263 58.543016 0.220197
0.001147 0.194360 59.016733
1.00000 0.202263 77.240704 0.220197
0.001147 0.387092 23.295250

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.150331 -78.696610 -0.156698
-0.000432 -0.387518 -56.943989
0.25000 -0.150331 -59.553818 -0.156698
-0.000432 -0.201149 -24.009736
0.50000 -0.150331 -42.112470 -0.156698
-0.000432 -0.043940 -23.502660
0.75000 -0.150331 -23.066419 -0.156698
-0.000432 -0.277388 -23.622890
1.00000 -0.150331 -8.579669 -0.156698
-0.000432 -0.549230 -56.029438

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.233654 6.050386 0.227087
0.000955 0.580860 17.194461
0.25000 0.233654 17.978253 0.227087
0.000955 0.304550 48.437783
0.50000 0.233654 33.728925 0.227087
0.000955 0.064145 61.818847
0.75000 0.233654 48.491500 0.227087
0.000955 0.216203 51.056400
1.00000 0.233654 65.957318 0.227087
0.000955 0.430870 21.797187
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4719

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.212866 -65.356886 -0.174225
-0.000733 -0.430384 -48.698752
0.25000 -0.212866 -49.853818 -0.174225
-0.000733 -0.222478 -21.448873
0.50000 -0.212866 -35.096266 -0.174225
-0.000733 -0.041359 -21.021284
0.75000 -0.212866 -19.342299 -0.174225
-0.000733 -0.280443 -21.112614
1.00000 -0.212866 -7.359565 -0.174225
-0.000733 -0.559726 -47.909712

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.345925 0.146715 0.129779
2.11E-07 0.326896 2.093959
0.25000 0.345925 0.154853 0.129779
2.11E-07 0.167967 2.487789
0.50000 0.345925 0.173946 0.129779
2.11E-07 0.011545 2.873399
0.75000 0.345925 0.194846 0.129779
2.11E-07 0.124618 3.236385
1.00000 0.345925 0.213182 0.129779
2.11E-07 0.255963 3.592701

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.200829 -0.424435 -0.106296
-0.000527 -0.269359 -2.082625
0.25000 -0.200829 -0.406104 -0.106296
-0.000527 -0.137900 -3.208657
0.50000 -0.200829 -0.385202 -0.106296
-0.000527 -0.010435 -3.362311
0.75000 -0.200829 -0.365994 -0.106296
-0.000527 -0.153960 -3.516189
1.00000 -0.200829 -0.357903 -0.106296
-0.000527 -0.313816 -3.697593

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.428433 0.513633 0.219814
2.11E-07 0.559589 4.550673
0.25000 0.428433 0.746783 0.219814
2.11E-07 0.289276 5.925557
0.50000 0.428433 1.303323 0.219814
2.11E-07 0.023983 7.023431
0.75000 0.428433 1.909433 0.219814
2.11E-07 0.210736 7.378440
1.00000 0.428433 2.441179 0.219814
2.11E-07 0.433784 7.463166

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.353750 -2.928950 -0.180604
-0.000927 -0.459099 -6.832545
0.25000 -0.353750 -2.397343 -0.180604
-0.000927 -0.235718 -6.279423
0.50000 -0.353750 -1.791191 -0.180604
-0.000927 -0.019175 -6.534145
0.75000 -0.353750 -1.234170 -0.180604
-0.000927 -0.257116 -6.790799
1.00000 -0.353750 -0.999509 -0.180604
-0.000927 -0.527795 -7.849696

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.449008 0.491963 0.276795
0.000182 0.710191 7.312348
0.25000 0.449008 0.499199 0.276795
0.000182 0.369099 8.215187
0.50000 0.449008 0.516471 0.276795
0.000182 0.035939 9.232341
0.75000 0.449008 0.535281 0.276795
0.000182 0.233736 10.465619
1.00000 0.449008 0.551783 0.276795
0.000182 0.487756 11.754579
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4720

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.310465 -1.410256 -0.205036
-0.001056 -0.524635 -7.937564
0.25000 -0.310465 -1.393758 -0.205036
-0.001056 -0.271094 -8.232048
0.50000 -0.310465 -1.374946 -0.205036
-0.001056 -0.025947 -8.550512
0.75000 -0.310465 -1.357659 -0.205036
-0.001056 -0.317409 -8.868520
1.00000 -0.310465 -1.350377 -0.205036
-0.001056 -0.658624 -9.211352

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.486812 6.049561 0.340429
0.000474 0.872886 13.529463
0.25000 0.486812 11.675323 0.340429
0.000474 0.460396 31.767368
0.50000 0.486812 25.104245 0.340429
0.000474 0.061304 42.816068
0.75000 0.486812 39.726856 0.340429
0.000474 0.302100 34.412319
1.00000 0.486812 52.559918 0.340429
0.000474 0.611555 18.594931

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.338890 -53.640023 -0.257087
-0.000941 -0.666726 -39.094015
0.25000 -0.338890 -40.812695 -0.257087
-0.000941 -0.348452 -19.864441
0.50000 -0.338890 -26.186661 -0.257087
-0.000941 -0.041059 -20.134502
0.75000 -0.338890 -12.746147 -0.257087
-0.000941 -0.402422 -20.450599
1.00000 -0.338890 -7.083931 -0.257087
-0.000941 -0.819762 -40.127205

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.070053 0.199588 0.097601
2.11E-06 0.252481 2.897914
0.25000 0.070053 0.207627 0.097601
2.11E-06 0.131890 3.319596
0.50000 0.070053 0.226818 0.097601
2.11E-06 0.014856 3.743344
0.75000 0.070053 0.247719 0.097601
2.11E-06 0.084077 4.187905
1.00000 0.070053 0.266055 0.097601
2.11E-06 0.175309 4.658736

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.136467 -0.627528 -0.073721
-0.000404 -0.189073 -3.059120
0.25000 -0.136467 -0.608197 -0.073721
-0.000404 -0.097953 -3.141609
0.50000 -0.136467 -0.588295 -0.073721
-0.000404 -0.009707 -3.252195
0.75000 -0.136467 -0.569087 -0.073721
-0.000404 -0.109557 -3.362541
1.00000 -0.136467 -0.560996 -0.073721
-0.000404 -0.230036 -3.500468

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.182555 8.628968 0.203051
0.000182 0.526255 13.519322
0.25000 0.182555 17.191220 0.203051
0.000182 0.286707 40.542978
0.50000 0.182555 37.629666 0.203051
0.000182 0.060359 56.494443
0.75000 0.182555 59.888525 0.203051
0.000182 0.153133 42.417247
1.00000 0.182555 79.416434 0.203051
0.000182 0.306498 17.002987
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4721

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.133881 -80.249266 -0.131369
-0.000535 -0.355192 -52.097891
0.25000 -0.133881 -60.726431 -0.131369
-0.000535 -0.192905 -22.540439
0.50000 -0.133881 -38.466014 -0.131369
-0.000535 -0.038363 -22.659495
0.75000 -0.133881 -18.009926 -0.131369
-0.000535 -0.244041 -22.850361
1.00000 -0.133881 -9.392191 -0.131369
-0.000535 -0.491585 -52.507417

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.364295 7.907436 0.282173
0.000164 0.726446 13.970053
0.25000 0.364295 15.656878 0.282173
0.000164 0.388515 38.738448
0.50000 0.364295 34.155110 0.282173
0.000164 0.064322 53.486516
0.75000 0.364295 54.300946 0.282173
0.000164 0.239800 41.049527
1.00000 0.364295 71.975079 0.282173
0.000164 0.476569 18.364551

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.259676 -72.913373 -0.201671
-0.000889 -0.531326 -49.937763
0.25000 -0.259676 -55.243832 -0.201671
-0.000889 -0.282135 -23.279009
0.50000 -0.259676 -35.096587 -0.201671
-0.000889 -0.042840 -23.479285
0.75000 -0.259676 -16.582387 -0.201671
-0.000889 -0.336041 -23.644169
1.00000 -0.259676 -8.782731 -0.201671
-0.000889 -0.680012 -50.564873

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.394171 5.115135 0.355549
0.000694 0.910075 13.267818
0.25000 0.394171 9.788195 0.355549
0.000694 0.477718 28.629226
0.50000 0.394171 20.942980 0.355549
0.000694 0.060020 38.074297
0.75000 0.394171 33.091302 0.355549
0.000694 0.322888 31.425227
1.00000 0.394171 43.749139 0.355549
0.000694 0.656560 18.644162

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.328289	-44.936385	-0.275399
-0.000745	-0.710521	-34.430507	
0.25000	-0.328289	-34.281317	-0.275399
-0.000745	-0.369612	-18.472057	
0.50000	-0.328289	-22.132146	-0.275399
-0.000745	-0.038967	-18.709093	
0.75000	-0.328289	-10.967732	-0.275399
-0.000745	-0.418153	-18.901066	
1.00000	-0.328289	-6.264391	-0.275399
-0.000745	-0.854249	-35.247223	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139230	0.214208	0.204798
0.000888	0.517735	4.225146	
0.25000	0.139230	0.222247	0.204798
0.000888	0.264526	4.788775	
0.50000	0.139230	0.241438	0.204798
0.000888	0.019012	5.398875	
0.75000	0.139230	0.262339	0.204798
0.000888	0.213272	6.083718	
1.00000	0.139230	0.280675	0.204798
0.000888	0.438925	6.803482	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222427	-0.887589	-0.181706
-6.51E-06	-0.457562	-3.873730	
0.25000	-0.222427	-0.869258	-0.181706
-6.51E-06	-0.232234	-3.805560	
0.50000	-0.222427	-0.848356	-0.181706
-6.51E-06	-0.010986	-3.884445	
0.75000	-0.222427	-0.829148	-0.181706
-6.51E-06	-0.241484	-3.961186	
1.00000	-0.222427	-0.821057	-0.181706
-6.51E-06	-0.494625	-4.068240	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.286627	12.118009	0.323529
0.001013	0.822949	17.359446	
0.25000	0.286627	24.273996	0.323529
0.001013	0.439045	55.532813	
0.50000	0.286627	53.290830	0.323529
0.001013	0.075230	77.952058	
0.75000	0.286627	84.892141	0.323529
0.001013	0.319885	57.705684	
1.00000	0.286627	112.616271	0.323529
0.001013	0.623656	21.339522	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.285310	-113.641674	-0.261053
-6.28E-05	-0.683707	-71.812883	
0.25000	-0.285310	-85.924748	-0.261053
-6.28E-05	-0.360294	-29.741920	
0.50000	-0.285310	-54.321226	-0.261053
-6.28E-05	-0.036358	-29.774341	
0.75000	-0.285310	-25.279344	-0.261053
-6.28E-05	-0.400875	-29.881267	
1.00000	-0.285310	-13.044588	-0.261053
-6.28E-05	-0.796262	-71.850387	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.280953	8.937254	0.362089
0.001024	0.925895	16.646810	
0.25000	0.280953	17.699694	0.362089
0.001024	0.494941	44.664839	
0.50000	0.280953	38.615996	0.362089
0.001024	0.073867	61.399338	
0.75000	0.280953	61.395274	0.362089
0.001024	0.332124	47.449166	
1.00000	0.280953	81.379751	0.362089
0.001024	0.662651	21.932730	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.275674	-82.668570	-0.278224
-0.000339	-0.724301	-55.547335	
0.25000	-0.275674	-62.589286	-0.278224
-0.000339	-0.379843	-25.325501	
0.50000	-0.275674	-39.908414	-0.278224
-0.000339	-0.045559	-25.472962	
0.75000	-0.275674	-18.974057	-0.278224
-0.000339	-0.434243	-25.694896	
1.00000	-0.275674	-10.154838	-0.278224
-0.000339	-0.878447	-56.071187	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.352254	7.521046	0.381535
0.000853	0.975399	15.516877	
0.25000	0.352254	14.793831	0.381535
0.000853	0.513875	39.017640	
0.50000	0.352254	32.152116	0.381535
0.000853	0.070304	53.168898	
0.75000	0.352254	51.056471	0.381535
0.000853	0.329549	41.896408	
1.00000	0.352254	67.641442	0.381535
0.000853	0.714479	21.038272	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.364389	-68.905751	-0.299382
-0.000629	-0.774871	-48.419852	
0.25000	-0.364389	-52.325090	-0.299382
-0.000629	-0.404370	-23.418742	
0.50000	-0.364389	-33.419412	-0.299382
-0.000629	-0.044829	-23.620619	
0.75000	-0.364389	-16.046143	-0.299382
-0.000629	-0.453635	-23.884501	
1.00000	-0.364389	-8.727137	-0.299382
-0.000629	-0.921744	-49.173367	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.261891	10.359457	0.227087
0.001162	0.580860	19.837320	
0.25000	0.261891	31.373581	0.227087
0.001162	0.306550	74.286841	
0.50000	0.261891	59.123644	0.227087
0.001162	0.072033	96.883817	
0.75000	0.261891	85.132844	0.227087
0.001162	0.216293	76.529726	
1.00000	0.261891	112.381041	0.227087
0.001162	0.430870	23.312940	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259387	-113.553462	-0.174225
-0.001176	-0.430384	-78.483506	
0.25000	-0.259387	-86.239637	-0.174225
-0.001176	-0.221478	-30.566714	
0.50000	-0.259387	-60.239286	-0.174225
-0.001176	-0.050629	-29.906144	
0.75000	-0.259387	-32.483418	-0.174225
-0.001176	-0.280443	-30.159649	
1.00000	-0.259387	-11.371835	-0.174225
-0.001176	-0.559726	-77.464020	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.486812	12.118009	0.381535
0.00124	0.975399	17.359446	
0.25000	0.486812	24.273996	0.381535
0.001024	0.513875	55.532813	
0.50000	0.486812	53.290830	0.381535
0.001024	0.075230	77.952058	
0.75000	0.486812	84.892141	0.381535
0.001024	0.355509	57.705684	
1.00000	0.486812	112.616271	0.381535
0.001024	0.714479	21.932730	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.364389	-113.641674	-0.299382
-0.001056	-0.774871	-71.812883	
0.25000	-0.364389	-85.924748	-0.299382
-0.001056	-0.404370	-29.741920	
0.50000	-0.364389	-54.321226	-0.299382
-0.001056	-0.046358	-29.774341	
0.75000	-0.364389	-25.279344	-0.299382
-0.001056	-0.453635	-29.881267	
1.00000	-0.364389	-13.044588	-0.299382
-0.001056	-0.921744	-71.850387	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.486812	12.118009	0.381535
0.001162	0.975399	19.837320	
0.25000	0.486812	31.373581	0.381535
0.001162	0.513875	74.286841	
0.50000	0.486812	59.123644	0.381535
0.001162	0.075230	96.883817	
0.75000	0.486812	85.132844	0.381535
0.001162	0.355509	76.529726	
1.00000	0.486812	112.616271	0.381535
0.001162	0.714479	23.312940	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.364389	-113.641674	-0.299382
-0.001176	-0.774871	-78.483506	
0.25000	-0.364389	-86.239637	-0.299382
-0.001176	-0.404370	-30.566714	
0.50000	-0.364389	-60.239286	-0.299382
-0.001176	-0.050629	-29.906144	
0.75000	-0.364389	-32.483418	-0.299382
-0.001176	-0.453635	-30.159649	
1.00000	-0.364389	-13.044588	-0.299382
-0.001176	-0.921744	-77.464020	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.486812	12.118009	0.381535
0.001162	0.975399	19.837320	
0.25000	0.486812	31.373581	0.381535
0.001162	0.513875	74.286841	
0.50000	0.486812	59.123644	0.381535
0.001162	0.075230	96.883817	
0.75000	0.486812	85.132844	0.381535
0.001162	0.355509	76.529726	
1.00000	0.486812	112.616271	0.381535
0.001162	0.714479	23.312940	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.364389	-113.641674	-0.299382
-0.001176	-0.774871	-78.483506	
0.25000	-0.364389	-86.239637	-0.299382
-0.001176	-0.404370	-30.566714	
0.50000	-0.364389	-60.239286	-0.299382
-0.001176	-0.050629	-29.906144	
0.75000	-0.364389	-32.483418	-0.299382
-0.001176	-0.453635	-30.159649	
1.00000	-0.364389	-13.044588	-0.299382
-0.001176	-0.921744	-77.464020	

ELEM 460 ========== LENGTH = 4.943051

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157749	0.102957	0.067171
3.88E-06	0.164547	2.998097	
0.25000	0.157749	0.126769	0.067171
3.88E-06	0.081552	3.153068	
0.50000	0.157749	0.158155	0.067171
3.88E-06	0.012807	3.285301	
0.75000	0.157749	0.187565	0.067171
3.88E-06	0.056508	3.372792	
1.00000	0.157749	0.218412	0.067171
3.88E-06	0.191988	3.449556	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162830	-0.287482	-0.077266
-0.000344	-0.189948	-2.330951	
0.25000	-0.162830	-0.256620	-0.077266
-0.000344	-0.094464	-2.163040	
0.50000	-0.162830	-0.227210	-0.077266
-0.000344	-0.006356	-2.048253	
0.75000	-0.162830	9.1958274	-0.077266
-0.000344	-0.084805	-1.934607	
1.00000	-0.162830	-0.171973	-0.077266
-0.000344	-0.167801	-1.874224	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217935	0.565939	0.110454
8.64E-05	0.273002	6.754098	
0.25000	0.217935	1.232758	0.110454
8.64E-05	0.137316	8.492708	
0.50000	0.217935	2.111575	0.110454
8.64E-05	0.026633	9.327171	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.217935	2.935047	0.110454
8.64E-05	0.155637	8.937393	
1.00000	0.217935	3.798776	0.110454
8.64E-05	0.308851	7.619727	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.274719	-3.988285	-0.124250
-0.000668	-0.305467	-6.412070	
0.25000	-0.274719	-3.124135	-0.124250
-0.000668	-0.152143	-4.693543	
0.50000	-0.274719	-2.300675	-0.124250
-0.000668	-0.012562	-4.462483	
0.75000	-0.274719	-1.421842	-0.124250
-0.000668	0.139282	-4.263385	
1.00000	-0.274719	-0.754035	-0.124250
-0.000668	-0.275063	-5.555632	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.254071	0.540218	0.140307
0.000307	0.357449	11.120194	
0.25000	0.254071	0.561651	0.140307
0.000307	0.184985	11.115287	
0.50000	0.254071	0.589899	0.140307
0.000307	0.040108	11.297619	
0.75000	0.254071	0.616368	0.140307
0.000307	0.158439	11.764897	
1.00000	0.254071	0.644130	0.140307
0.000307	0.314747	12.413493	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242735	-0.964184	-0.126470
-0.000861	-0.310414	-5.732212	
0.25000	-0.242735	-0.936408	-0.126470
-0.000861	-0.154099	-5.376092	
0.50000	-0.242735	-0.909940	-0.126470
-0.000861	-0.015666	-5.067783	
0.75000	-0.242735	-0.881692	-0.126470
-0.000861	-0.164149	-4.760502	
1.00000	-0.242735	-0.860226	-0.126470
-0.000861	-0.337239	-4.501157	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.278015	6.788121	0.173799
0.000549	0.446502	20.529908	
0.25000	0.278015	19.416018	0.173799
0.000549	0.235683	53.015620	
0.50000	0.278015	36.058612	0.173799
0.000549	0.072262	66.086674	
0.75000	0.278015	51.653116	0.173799
0.000549	0.198291	53.835084	
1.00000	0.278015	68.009973	0.173799
0.000549	0.383197	22.022298	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259472	-68.411681	-0.154787
-0.000850	-0.385052	-50.136423	
0.25000	-0.259472	-52.053691	-0.154787
-0.000850	-0.198066	-21.287500	
0.50000	-0.259472	-36.459435	-0.154787
-0.000850	-0.038646	-20.607554	
0.75000	-0.259472	-19.816531	-0.154787
-0.000850	-0.153357	-20.532895	
1.00000	-0.259472	-7.169922	-0.154787
-0.000850	-0.431943	-48.700600	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055693	0.225646	0.046693
0.000160	0.122059	4.655149	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.055693	0.249461	0.046693
0.000160	0.065100	4.641008	
0.50000	0.055693	0.280848	0.046693
0.000160	0.016606	4.726679	
0.75000	0.055693	0.310257	0.046693
0.000160	0.053955	4.925205	
1.00000	0.055693	0.341105	0.046693
0.000160	0.107133	5.189017	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101862	-0.493054	-0.043020
-0.000373	-0.105491	-2.277822	
0.25000	-0.101862	-0.462192	-0.043020
-0.000373	-0.052303	-2.102148	
0.50000	-0.101862	-0.432782	-0.043020
-0.000373	-0.006071	-1.979598	
0.75000	-0.101862	-0.401396	-0.043020
-0.000373	-0.051711	-1.858189	
1.00000	-0.101862	-0.377545	-0.043020
-0.000373	-0.109115	-1.790043	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.135259	8.810778	0.106445
0.000335	0.287714	19.526447	
0.25000	0.135259	26.100460	0.106445
0.000335	0.161583	63.997909	
0.50000	0.135259	48.889244	0.106445
0.000335	0.068261	81.750835	
0.75000	0.135259	70.238381	0.106445
0.000335	0.090341	64.627755	
1.00000	0.135259	92.633625	0.106445
0.000335	0.162808	20.577684	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107842	-92.968249	-0.065700
-0.000535	-0.166216	-64.273021	
0.25000	-0.107842	-70.562074	-0.065700
-0.000535	-0.230917	-25.016461	
0.50000	-0.107842	-49.210956	-0.065700
-0.000535	-0.040881	-24.327825	
0.75000	-0.107842	-26.424067	-0.065700
-0.000535	-0.134578	-24.467892	
1.00000	-0.107842	-9.108766	-0.065700
-0.000535	-0.264896	-63.276427	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231053	8.021169	0.146944
0.000295	0.384193	20.130025	
0.25000	0.231053	23.646183	0.146944
0.000295	0.207402	60.414044	
0.50000	0.231053	44.238744	0.146944
0.000295	0.072126	76.547172	
0.75000	0.231053	63.534462	0.146944
0.000295	0.154433	61.155545	
1.00000	0.231053	83.773469	0.146944
0.000295	0.291926	21.434493	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.202147	-84.146043	-0.117631
-0.000759	-0.293386	-59.874737	
0.25000	-0.202147	-63.897157	-0.117631
-0.000759	-0.153334	-24.305748	
0.50000	-0.202147	-44.601746	-0.117631
-0.000759	-0.041961	-23.591324	
0.75000	-0.202147	-24.008801	-0.117631
-0.000759	-0.185581	-23.625815	
1.00000	-0.202147	-8.360635	-0.117631
-0.000759	-0.366061	-58.605736	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255959	5.702995	0.181175
0.000742	0.464002	20.315222	
0.25000	0.255959	15.955348	0.181175
0.000742	0.243415	46.629339	
0.50000	0.255959	29.467156	0.181175
0.000742	0.070093	57.269037	
0.75000	0.255959	42.128041	0.181175
0.000742	0.206025	47.463439	
1.00000	0.255959	55.407865	0.181175
0.000742	0.401572	21.881227	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.233686	-55.858618	-0.162420
-0.000838	-0.403818	-41.966714	
0.25000	-0.233686	-42.572312	-0.162420
-0.000838	-0.206579	-18.464508	
0.50000	-0.233686	-29.911628	-0.162420
-0.000838	-0.034721	-17.832202	
0.75000	-0.233686	-16.399568	-0.162420
-0.000838	-0.224336	-17.691349	
1.00000	-0.233686	-6.132024	-0.162420
-0.000838	-0.447447	-40.479940	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105570	0.346181	0.106377
0.000743	0.263588	7.029074	
0.25000	0.105570	0.369896	0.106377
0.000743	0.132150	7.025093	
0.50000	0.105570	0.401382	0.106377
0.000743	0.022464	7.121344	
0.75000	0.105570	0.430792	0.106377
0.000743	0.135444	7.391796	
1.00000	0.105570	0.461639	0.106377
0.000743	0.272185	7.756881	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105481	-0.677141	-0.110678
-0.000261	-0.274914	-2.641303	
0.25000	-0.105481	-0.646878	-0.110678
-0.000261	-0.138145	-2.421544	
0.50000	-0.105481	-0.617469	-0.110678
-0.000261	-0.006819	-2.255014	
0.75000	-0.105481	-0.586082	-0.110678
-0.000261	-0.130833	-2.080724	
1.00000	-0.105481	-0.562232	-0.110678
-0.000261	-0.262291	-1.977696	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186678	10.722665	0.168183
0.000928	0.432175	23.288189	
0.25000	0.186678	31.775115	0.168183
0.000928	0.229876	77.509819	
0.50000	0.186678	59.520617	0.168183
0.000928	0.079609	99.136693	
0.75000	0.186678	85.518910	0.168183
0.000928	0.194529	78.219458	
1.00000	0.186678	112.787950	0.168183
0.000928	0.370769	24.472113	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162992	-113.173437	-0.151255
-0.000393	-0.382116	-77.465361	
0.25000	-0.162992	-85.890988	-0.151255
-0.000393	-0.202401	-29.686341	
0.50000	-0.162992	-59.893208	-0.151255
-0.000393	-0.047355	-28.868938	
0.75000	-0.162992	-32.147189	-0.151255
-0.000393	-0.223382	-29.060696	
1.00000	-0.162992	-11.063544	-0.151255
-0.000393	-0.430119	-76.336374	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210058	7.711164	0.187321
0.001034	0.485617	23.262255	
0.25000	0.210058	22.157336	0.187321
0.001034	0.258353	60.365660	
0.50000	0.210058	41.196275	0.187321
0.001034	0.078717	75.265505	
0.75000	0.210058	59.036211	0.187321
0.001034	0.197751	61.226166	
1.00000	0.210058	77.748270	0.187321
0.001034	0.382098	24.822129	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.160334	-78.234412	-0.155092
-0.000660	-0.388105	-56.026485	
0.25000	-0.160334	-59.513220	-0.155092
-0.000660	-0.201379	-23.071336	
0.50000	-0.160334	-41.673567	-0.155092
-0.000660	-0.040270	-22.341234	
0.75000	-0.160334	-22.834274	-0.155092
-0.000660	-0.232084	-22.303642	
1.00000	-0.160334	-8.166696	-0.155092
-0.000660	-0.462510	-54.574993	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.245962	6.469992	0.195731
0.000885	0.501280	21.762337	
0.25000	0.245962	18.419163	0.195731
0.000885	0.263190	52.457866	
0.50000	0.245962	34.167246	0.195731
0.000885	0.074875	64.836495	
0.75000	0.245962	48.923574	0.195731
0.000885	0.221128	53.335322	
1.00000	0.245962	64.401278	0.195731
0.000885	0.430523	23.385479	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226149	-64.887856	-0.174325
-0.000805	-0.434130	-47.905927	
0.25000	-0.226149	-49.402597	-0.174325
-0.000805	-0.222765	-20.564585	
0.50000	-0.226149	-34.646504	-0.174325
-0.000805	-0.037633	-19.878235	
0.75000	-0.226149	-18.898127	-0.174325

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-0.000805   -0.243576   -19.764695
1.00000   -0.226149   -6.931251   -0.174325
-0.000805   -0.484588   -46.375541

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.384933    0.142125    0.117155
3.45E-06    0.289599    3.598302
0.25000    0.384933    0.150187    0.117155
3.45E-06    0.145611    3.791691
0.50000    0.384933    0.169380    0.117155
3.45E-06    0.016763    3.978438
0.75000    0.384933    0.190276    0.117155
3.45E-06    0.122729    4.140474
1.00000    0.384933    0.208608    0.117155
3.45E-06    0.244214    4.294660

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.212209   -0.354381   -0.098420
-0.000294   -0.242418   -3.714429
0.25000   -0.212209   -0.336049   -0.098420
-0.000294   -0.120842   -3.685522
0.50000   -0.212209   -0.315151   -0.098420
-0.000294   -0.010358   -3.684147
0.75000   -0.212209   -0.295955   -0.098420
-0.000294   -0.142426   -3.682875
1.00000   -0.212209   -0.267884   -0.098420
-0.000294   -0.270350   -3.709350
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4729

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.470975    0.565526    0.184759
8.30E-05    0.463430    7.467385
0.25000    0.470975    0.799334    0.184759
8.30E-05    0.236659    8.446586
0.50000    0.470975    1.355910    0.184759
8.30E-05    0.033058    9.134525
0.75000    0.470975    1.961899    0.184759
8.30E-05    0.201383    9.072254
1.00000    0.470975    2.493531    0.184759
8.30E-05    0.399045    8.748351

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.387016   -2.789259   -0.161793
-0.000559   -0.402691   -7.870439
0.25000   -0.387016   -2.257636   -0.161793
-0.000559   -0.203171   -7.057560
0.50000   -0.387016   -1.651600   -0.161793
-0.000559   -0.019248   -7.044929
0.75000   -0.387016   -1.094923   -0.161793
-0.000559   -0.222919   -7.037795
1.00000   -0.387016   -0.860855   -0.161793
-0.000559   -0.449758   -7.834002

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.485471    0.678659    0.214805
0.000279    0.552037   11.743095
0.25000    0.485471    0.685315    0.214805
0.000279    0.288181   12.007468
0.50000    0.485471    0.703188    0.214805
0.000279    0.048815   12.379323
0.75000    0.485471    0.721995    0.214805
0.000279    0.210093   12.959853
1.00000    0.485471    0.738494    0.214805
0.000279    0.418050   13.636291

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.342366   -1.196841   -0.171827
-0.000722   -0.432269   -9.220436
0.25000   -0.342366   -1.180342   -0.171827
-0.000722   -0.220702   -9.170973
0.50000   -0.342366   -1.161534   -0.171827
-0.000722   -0.025778   -9.145430
0.75000   -0.342366   -1.144258   -0.171827
-0.000722   -0.213308   -9.122257
1.00000   -0.342366   -1.136994   -0.171827
-0.000722   -0.510202   -9.119860

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.524371    6.325349    0.269335
0.000472    0.695180   18.562882
0.25000    0.524371   11.966973    0.269335
0.000472    0.370546   36.145613
0.50000    0.524371   25.396769    0.269335
0.000472    0.075521   46.393852
0.75000    0.524371   40.018884    0.269335
0.000472    0.271776   37.232660
1.00000    0.524371   52.846797    0.269335
0.000472    0.526325   20.711703

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.372067   -53.402468   -0.217447
-0.000713   -0.559838   -40.119425
0.25000   -0.372067   -40.574769   -0.217447
-0.000713   -0.291415   -20.651549
0.50000   -0.372067   -25.951523   -0.217447
-0.000713   -0.040105   -20.497175
0.75000   -0.372067   -12.519295   -0.217447
-0.000713   -0.321978   -20.474898
1.00000   -0.372067   -6.871397   -0.217447
-0.000713   -0.648177   -39.839703
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4730

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.075172    0.287357    0.067982
0.000150    0.179998    4.652405
0.25000    0.075172    0.295420    0.067982
0.000150    0.096481    4.821812
0.50000    0.075172    0.314612    0.067982
0.000150    0.019455    4.984427
0.75000    0.075172    0.335508    0.067982
0.000150    0.073803    5.168125
1.00000    0.075172    0.353840    0.067982
0.000150    0.144627    5.371060

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.162449   -0.537331   -0.060047
-0.000302   -0.153936   -3.500051
0.25000   -0.162449   -0.518999   -0.060047
-0.000302   -0.080080   -3.460315
0.50000   -0.162449   -0.498102   -0.060047
-0.000302   -0.009752   -3.448346
0.75000   -0.162449   -0.478906   -0.060047
-0.000302   -0.075999   -3.456441
1.00000   -0.162449   -0.470834   -0.060047
-0.000302   -0.157673   -3.452054

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.188929    8.890740    0.141981
0.000294    0.381939   16.978397
0.25000    0.188929   17.477135    0.141981
0.000294    0.217596   43.605122
0.50000    0.188929   37.916910    0.141981
0.000294    0.069673   58.952729
0.75000    0.188929   60.171362    0.141981
0.000294    0.134005   44.330146
1.00000    0.188929   79.695088    0.141981
0.000294    0.240934   18.430072

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.158517   -80.104966   -0.101767
-0.000433   -0.279242   -52.500148
0.25000   -0.158517   -60.581566   -0.101767
-0.000433   -0.154052   -22.898084
0.50000   -0.158517   -38.325392   -0.101767
-0.000433   -0.037226   -22.691299
0.75000   -0.158517   -17.881916   -0.101767
-0.000433   -0.171574   -22.686210
1.00000   -0.158517   -9.285973   -0.101767
-0.000433   -0.339589   -52.187303

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.387535    8.141880    0.212809
0.000257    0.554375   18.345859
0.25000    0.387535   15.913172    0.212809
0.000257    0.304046   42.589903
0.50000    0.387535   34.412608    0.212809
0.000257    0.076794   56.620725
0.75000    0.387535   54.554454    0.212809
0.000257    0.214315   43.512961
1.00000    0.387535   72.224801    0.212809
0.000257    0.402268   20.209767

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.293521   -72.719740   -0.166171
-0.000626   -0.435407   -50.568038
0.25000   -0.293521   -55.049688   -0.166171
-0.000626   -0.232670   -23.736477
0.50000   -0.293521   -34.906283   -0.166171
-0.000626   -0.041944   -23.509745
0.75000   -0.293521   -16.403498   -0.166171
-0.000626   -0.258026   -23.425168
1.00000   -0.293521   -8.623564   -0.166171
-0.000626   -0.513656   -50.124100
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4731

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.417282    5.438346    0.279139
0.000623    0.723164   18.597532
0.25000    0.417282   10.124583    0.279139
0.000623    0.386676   33.242176
0.50000    0.417282   21.280094    0.279139
0.000623    0.074434   41.838919
0.75000    0.417282   33.426009    0.279139
0.000623    0.286242   34.372701
1.00000    0.417282   44.081564    0.279139
0.000623    0.559091   20.840107

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.365393   -44.672357   -0.231494
-0.000696   -0.595491   -35.221059
0.25000   -0.365393   -34.016981   -0.231494
-0.000696   -0.431208   -19.003087
0.50000   -0.365393   -21.870125   -0.231494
-0.000696   -0.037936   -18.827586
0.75000   -0.365393   -10.712594   -0.231494
-0.000696   -0.330043   -18.728412
1.00000   -0.365393   -6.021147   -0.231494
-0.000696   -0.667478   -34.797957

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.141661    0.392286    0.175351
0.000637    0.449478    6.755560
0.25000    0.141661    0.400349    0.175351
0.000637    0.232748    6.935189
0.50000    0.141661    0.419541    0.175351
0.000637    0.025028    7.156203
0.75000    0.141661    0.440437    0.175351
0.000637    0.191233    7.463525
1.00000    0.141661    0.458769    0.175351
0.000637    0.388092    7.810500

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.239569   -0.738685   -0.160826
-0.000228   -0.406689   -9.022711
0.25000   -0.239569   -0.720353   -0.160826
-0.000228   -0.207116   -3.957046
0.50000   -0.239569   -0.699455   -0.160826
-0.000228   -0.010575   -3.919643
0.75000   -0.239569   -0.680260   -0.160826
-0.000228   -0.210450   -3.881956
1.00000   -0.239569   -0.672188   -0.160826
-0.000228   -0.418628   -3.871336

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.297195   12.444100    0.268303
0.000748    0.696504   21.272346
0.25000    0.297195   24.634362    0.268303
0.000748    0.379747   59.024947
0.50000    0.297195   53.653085    0.268303
0.000748    0.085147   80.730853
0.75000    0.297195   85.248138    0.268303
0.000748    0.287297   59.865697
1.00000    0.297195  112.966329    0.268303
0.000748    0.544536   22.937475

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.306820  -113.455328   -0.226778
-0.000311   -0.598873   -71.799139
0.25000   -0.306820   -85.737600   -0.226778
-0.000311   -0.317771   -29.750828
0.50000   -0.306820   -54.140103   -0.226778
-0.000311   -0.044482   -29.437292
0.75000   -0.306820   -25.116125   -0.226778
-0.000311   -0.332292   -29.394780
1.00000   -0.306820   -12.912308   -0.226778
-0.000311   -0.655791   -71.268472
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4732

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.289168    9.344318    0.284222
0.000847    0.744935   21.862893
0.25000    0.289168   18.131466    0.284222
0.000847    0.404899   49.213351
0.50000    0.289168   39.049128    0.284222
0.000847    0.087182   65.072958
0.75000    0.289168   61.823895    0.284222
0.000847    0.290389   50.313250
1.00000    0.289168   81.804092    0.284222
0.000847    0.558802   24.049439

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.307000   -82.413606   -0.233595
-0.000520   -0.670282   -56.018875
0.25000   -0.307000   -62.433744   -0.233595
-0.000520   -0.323878   -25.693391
0.50000   -0.307000   -39.657215   -0.233595
-0.000520   -0.043880   -25.451328
0.75000   -0.307000   -18.735764   -0.233595
-0.000520   -0.338007   -25.415396
1.00000   -0.307000   -9.938841   -0.233595
-0.000520   -0.680439   -55.575351

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.368011    7.879394    0.301380
0.000725    0.783492   20.981360
0.25000    0.368011   15.171783    0.301380
0.000725    0.421479   43.772788
0.50000    0.368011   32.531198    0.301380
0.000725    0.084784   57.033178
0.75000    0.368011   51.431810    0.301380
0.000725    0.315853   44.917281
1.00000    0.368011   68.013228    0.301380
0.000725    0.612270   23.279875

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.405165   -68.636556   -0.254049
-0.000646   -0.659324   -49.135581
0.25000   -0.405165   -52.055416   -0.254049
-0.000646   -0.345968   -23.939875
0.50000   -0.405165   -33.153341   -0.254049
-0.000646   -0.043493   -23.710259
0.75000   -0.405165   -15.790783   -0.254049
-0.000646   -0.359560   -23.651734
1.00000   -0.405165   -8.490285   -0.254049
-0.000646   -0.723888   -48.602754

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.278015   10.722665    0.195731
0.001034    0.501280   23.288189
0.25000    0.278015   31.775115    0.195731
0.001034    0.563190   77.509819
0.50000    0.278015   59.520617    0.195731
0.001034    0.079609   99.136693
0.75000    0.278015   85.518810    0.195731
0.001034    0.221128   78.219458
1.00000    0.278015  112.787950    0.195731
0.001034    0.430523   24.822129

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.274719  -113.173437   -0.174325
-0.000861   -0.434130   -71.465361
0.25000   -0.274719   -85.899088   -0.174325
-0.000861   -0.222765   -29.686341
0.50000   -0.274719   -59.893208   -0.174325
-0.000861   -0.047355   -28.868938
0.75000   -0.274719   -32.147189   -0.174325
-0.000861   -0.243576   -29.060696
1.00000   -0.274719   -11.063544   -0.174325
-0.000861   -0.484588   -76.336374
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4733

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.524371   12.444100    0.301380
0.000847    0.783492   21.862893
0.25000    0.524371   24.634362    0.301380
0.000847    0.421479   59.024947
0.50000    0.524371   53.653085    0.301380
0.000847    0.087182   80.730853
0.75000    0.524371   85.248138    0.301380
0.000847    0.315853   59.865697
1.00000    0.524371  112.966329    0.301380
0.000847    0.612270   24.049439

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.405165  -113.455328   -0.254049
-0.000722   -0.659324   -71.799139
0.25000   -0.405165   -85.737600   -0.254049
-0.000722   -0.345968   -29.750828
0.50000   -0.405165   -54.140103   -0.254049
-0.000722   -0.044482   -29.437292
0.75000   -0.405165   -25.116125   -0.254049
-0.000722   -0.359560   -29.394780
1.00000   -0.405165   -12.912308   -0.254049
-0.000722   -0.723888   -71.268472

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.524371   12.444100    0.301380
0.001034    0.783492   23.288189
0.25000    0.524371   31.775115    0.301380
0.001034    0.421479   77.509819
0.50000    0.524371   59.520617    0.301380
0.001034    0.087182   99.136693
0.75000    0.524371   85.518810    0.301380
0.001034    0.315853   78.219458
1.00000    0.524371  112.966329    0.301380
0.001034    0.612270   24.822129

COMB     CAR ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.405165  -113.455328   -0.254049
-0.000861   -0.659324   -71.465361
0.25000   -0.405165   -85.890988   -0.254049
-0.000861   -0.345968   -29.750828
0.50000   -0.405165   -59.893208   -0.254049
-0.000861   -0.047355   -29.437292
0.75000   -0.405165   -32.147189   -0.254049
-0.000861   -0.359560   -29.394780
1.00000   -0.405165   -12.912308   -0.254049
-0.000861   -0.723888   -76.336374

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.524371   12.444100    0.301380
0.001034    0.783492   23.288189
0.25000    0.524371   31.775115    0.301380
0.001034    0.421479   77.509819
0.50000    0.524371   59.520617    0.301380
0.001034    0.087182   99.136693
0.75000    0.524371   85.518810    0.301380
0.001034    0.315853   78.219458
1.00000    0.524371  112.966329    0.301380
0.001034    0.612270   24.822129

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.405165  -113.455328   -0.254049
-0.000861   -0.659324   -77.465361
0.25000   -0.405165   -85.890988   -0.254049
-0.000861   -0.345968   -29.750828
0.50000   -0.405165   -59.893208   -0.254049
-0.000861   -0.047355   -29.437292
0.75000   -0.405165   -32.147189   -0.254049
-0.000861   -0.359560   -29.394780
1.00000   -0.405165   -12.912308   -0.254049
-0.000861   -0.723888   -76.336374
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4734

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       461 ================== LENGTH
=    4.942686

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.169652    0.107510    0.072323
6.56E-06    0.176117    3.444562
0.25000    0.169652    0.131332    0.072323
6.56E-06    0.086756    3.477660
0.50000    0.169652    0.162717    0.072323
6.56E-06    0.013737    3.486727
0.75000    0.169652    0.192126    0.072323
6.56E-06    0.100691    3.458907
1.00000    0.169652    0.222974    0.072323
6.56E-06    0.199915    3.407772

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.174134   -0.236366   -0.080306
-6.17E-06   -0.197043   -1.877874
0.25000   -0.174134   -0.205518   -0.080306
-6.17E-06   -0.097814   -1.696243
0.50000   -0.174134   -0.176110   -0.080306
-6.17E-06   -0.004505   -1.567170
0.75000   -0.174134   -0.144724   -0.080306
-6.17E-06   -0.092130   -1.440690
1.00000   -0.174134   -0.120902   -0.080306
-6.17E-06   -0.181496   -1.587089

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.234828    0.630921    0.118058
0.000173    0.287838    7.611373
0.25000    0.234828    1.297945    0.118058
0.000173    0.142121    9.118752
0.50000    0.234828    2.176737    0.118058
0.000173    0.028206    9.697650
0.75000    0.234828    3.000189    0.118058
0.000173    0.163249    9.086693
1.00000    0.234828    3.863919    0.118058
0.000173    0.323251    7.543145

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.287860   -3.864716   -0.129616
-0.000172   -0.318357   -5.560679
0.25000   -0.287860   -3.000975   -0.129616
-0.000172   -0.158203   -3.824127
0.50000   -0.287860   -2.177545   -0.129616
-0.000172   -0.009331   -3.575991
0.75000   -0.287860   -1.298750   -0.129616
-0.000172   -0.150804   -3.364886
1.00000   -0.287860   -0.631743   -0.129616
-0.000172   -0.296701   -5.044411

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.270055    0.676550    0.120767
0.000404    0.300202   12.402682
0.25000    0.270055    0.697490    0.120767
0.000404    0.155231   12.056683
0.50000    0.270055    0.725737    0.120767
0.000404    0.042264   11.874886
0.75000    0.270055    0.752205    0.120767
0.000404    0.169225   12.010817
1.00000    0.270055    0.779968    0.120767
0.000404    0.330966   12.306865

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.256032   -0.770123   -0.132698
-0.000402   -0.324921   -4.506656
0.25000   -0.256032   -0.742360   -0.132698
-0.000402   -0.160923   -4.134673
0.50000   -0.256032   -0.715892   -0.132698
-0.000402   -0.011223   -3.810532
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       4735

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T         M2         M3
0.75000   -0.256032   -0.687645   -0.132698
-0.000402   -0.154272   -3.813515
1.00000   -0.256032   -0.666206   -0.132698
-0.000402   -0.303488   -3.813552

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.293852    6.969562    0.151042
0.000552    0.382405   22.011181
0.25000    0.293852   19.601326    0.151042
0.000552    0.202840   54.159809
0.50000    0.293852   36.243441    0.151042
0.000552    0.074535   66.741944
0.75000    0.293852   51.837564    0.151042
0.000552    0.211807   54.106446
1.00000    0.293852   68.194465    0.151042
0.000552    0.404312   21.909582

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T         M2         M3
0.00000   -0.274664   -68.178413   -0.159859
-0.000551   -0.404212   -48.705892
0.25000   -0.274664   -51.821317   -0.159859
-0.000551   -0.207178   -19.879099
0.50000   -0.274664   -36.227621   -0.159859
-0.000551   -0.033929   -19.235185
0.75000   -0.274664   -19.585435   -0.159859
-0.000551   -0.201901   -19.269556
1.00000   -0.274664   -6.953985   -0.159859
-0.000551   -0.388212   -48.027905

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T         M2         M3
0.00000    0.060164    0.304911    0.042292
0.000278    0.102899    5.185201
0.25000    0.060164    0.328733    0.042292
0.000278    0.050663    5.038061
0.50000    0.060164    0.360119    0.042292
0.000278    0.017405    4.949506
0.75000    0.060164    0.389528    0.042292
```

0.000278 0.057148 5.018446
1.00000 0.060164 0.420375 0.042292
0.000278 0.113187 5.147307

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102185	-0.408965	-0.045345
-0.000277	-0.110932	-1.791339	
0.25000	-0.102185	-0.378117	-0.045345
-0.000277	-0.054877	-1.612002	
0.50000	-0.102185	-0.348709	-0.045345
-0.000277	-0.004417	-1.485822	
0.75000	-0.102185	-0.317324	-0.045345
-0.000277	-0.053940	-1.371869	
1.00000	-0.102185	-0.293502	-0.045345
-0.000277	-0.106201	-1.526684	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.138858	8.979069	0.070791
0.000444	0.189784	20.572153	
0.25000	0.138858	26.274044	0.070791
0.000444	0.111990	64.842002	
0.50000	0.138858	49.059853	0.070791
0.000444	0.069743	82.193511	
0.75000	0.138858	70.410788	0.070791
0.000444	0.106861	64.801934	
1.00000	0.138858	92.806092	0.070791
0.000444	0.188203	20.502693	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.110949	-92.782865	-0.071267
-0.000442	-0.189230	-63.278698	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4736

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.110949	-70.387294	-0.071267
-0.000442	-0.101841	-24.061150	
0.50000	-0.110949	-49.036944	-0.071267
-0.000442	-0.037923	-23.436104	
0.75000	-0.110949	-26.251037	-0.071267
-0.000442	-0.105578	-23.696850	
1.00000	-0.110949	-8.956490	-0.071267
-0.000442	-0.192578	-62.876754	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.242583	8.190838	0.118836
0.000487	0.304231	21.425071	
0.25000	0.242583	23.820636	0.118836
0.000487	0.166579	61.436435	
0.50000	0.242583	44.412604	0.118836
0.000487	0.074154	77.111884	
0.75000	0.242583	63.707850	0.118836
0.000487	0.172238	61.386602	
1.00000	0.242583	83.946912	0.118836
0.000487	0.321133	21.336039	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213157	-83.918290	-0.125062
-0.000485	-0.319768	-58.610212	
0.25000	-0.213157	-63.678987	-0.125062
-0.000485	-0.165817	-23.066697	
0.50000	-0.213157	-44.384269	-0.125062
-0.000485	-0.037855	-22.399960	
0.75000	-0.213157	-23.792212	-0.125062
-0.000485	-0.165304	-22.533460	
1.00000	-0.213157	-8.162802	-0.125062
-0.000485	-0.311701	-58.017142	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270458	5.918127	0.157630
0.000767	0.397880	21.868883	
0.25000	0.270458	16.173619	0.157630
0.000767	0.209763	47.819113	
0.50000	0.270458	29.685038	0.157630
0.000767	0.072397	57.964001	
0.75000	0.270458	42.345613	0.157630
0.000767	0.215680	47.766736	
1.00000	0.270458	55.625474	0.157630
0.000767	0.415847	21.770512	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247921	-55.594608	-0.165457
-0.000766	-0.416881	-40.484383	
0.25000	-0.247921	-42.314590	-0.165457
-0.000766	-0.212827	-17.006867	
0.50000	-0.247921	-29.654362	-0.165457
-0.000766	-0.029950	-16.413747	
0.75000	-0.247921	-16.142884	-0.165457
-0.000766	-0.207073	-16.388558	
1.00000	-0.247921	-5.887646	-0.165457
-0.000766	-0.401545	-39.801350	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112835	0.458481	0.104494
0.000510	0.129281	7.749728	
0.25000	0.112835	0.482304	0.104494
0.000510	0.130164	7.554488	
0.50000	0.112835	0.513689	0.104494
0.000510	0.023406	7.458092	
0.75000	0.112835	0.543098	0.104494
0.000510	0.130127	7.537144	
1.00000	0.112835	0.573945	0.104494
0.000510	0.262012	7.714169	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4737

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114103	-0.563480	-0.106826
-0.000543	-0.266030	-1.978766	
0.25000	-0.114103	-0.532632	-0.106826
-0.000543	-0.134063	-1.775055	
0.50000	-0.114103	-0.503224	-0.106826
-0.000543	-0.004819	-1.624501	
0.75000	-0.114103	-0.471839	-0.106826
-0.000543	-0.128162	-1.532812	
1.00000	-0.114103	-0.448017	-0.106826
-0.000543	-0.257275	-1.716178	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194104	10.914866	0.149754
0.000680	0.387061	24.463774	
0.25000	0.194104	31.973762	0.149754
0.000680	0.207573	78.465757	
0.50000	0.194104	59.718465	0.149754
0.000680	0.081026	99.650658	
0.75000	0.194104	85.716023	0.149754
0.000680	0.200293	78.428275	
1.00000	0.194104	112.985236	0.149754
0.000680	0.375617	24.402237	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.175235	-112.964482	-0.147918
-0.000691	-0.386680	-76.338299	
0.25000	-0.175235	-85.694943	-0.147918
-0.000691	-0.204779	-28.627833	
0.50000	-0.175235	-59.698098	-0.147918
-0.000691	-0.044297	-27.908787	
0.75000	-0.175235	-31.953275	-0.147918
-0.000691	-0.201044	-28.307364	
1.00000	-0.175235	-10.894902	-0.147918
-0.000691	-0.385407	-75.988889	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.219576	7.958791	0.153128
0.000869	0.391199	24.810894	
0.25000	0.219576	22.409385	0.153128
0.000869	0.211233	61.566508	
0.50000	0.219576	41.447776	0.153128
0.000869	0.080765	75.959258	
0.75000	0.219576	59.287276	0.153128
0.000869	0.204901	61.517672	
1.00000	0.219576	77.999386	0.153128
0.000869	0.391471	24.721236	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.171743	-77.970693	-0.155255
-0.000879	-0.396945	-54.577729	
0.25000	-0.171743	-59.258291	-0.155255
-0.000879	-0.205708	-21.673184	
0.50000	-0.171743	-41.419279	-0.155255
-0.000879	-0.035961	-21.014108	
0.75000	-0.171743	-22.380806	-0.155255
-0.000879	-0.203127	-21.155549	
1.00000	-0.171743	-7.930570	-0.155255
-0.000879	-0.391947	-54.011539	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.259370	6.711284	0.170456
0.000838	0.431187	23.372726	
0.25000	0.259370	18.664112	0.170456
0.000838	0.227658	53.695077	
0.50000	0.259370	34.411742	0.170456
0.000838	0.077157	65.552971	
0.75000	0.259370	49.167709	0.170456
0.000838	0.230110	53.642447	
1.00000	0.259370	64.645455	0.170456
0.000838	0.443399	23.274552	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4738

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.239918	-64.613785	-0.176428
-0.000846	-0.446034	-46.379404	
0.25000	-0.239918	-49.135854	-0.176428
-0.000846	-0.228512	-19.073271	
0.50000	-0.239918	-34.380292	-0.176428
-0.000846	-0.032888	-18.439021	
0.75000	-0.239918	-18.632593	-0.176428
-0.000846	-0.223787	-18.468218	
1.00000	-0.239918	-6.680061	-0.176428
-0.000846	-0.434080	-45.713891	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.406063	0.176100	0.116429
5.20E-06	0.282510	4.309638	
0.25000	0.406063	0.184163	0.116429
5.20E-06	0.138780	4.345616	
0.50000	0.406063	0.203355	0.116429
5.20E-06	0.018269	4.375053	
0.75000	0.406063	0.224253	0.116429
5.20E-06	0.144294	4.378156	
1.00000	0.406063	0.242586	0.116429
5.20E-06	0.278578	4.374038	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224161	-0.277875	-0.109090
-5.01E-06	-0.261885	-3.734184	
0.25000	-0.224161	-0.259546	-0.109090
-5.01E-06	-0.127595	-3.677211	
0.50000	-0.224161	-0.238648	-0.109090
-5.01E-06	-0.009041	-3.647818	
0.75000	-0.224161	-0.219457	-0.109090
-5.01E-06	-0.148630	-3.618659	
1.00000	-0.224161	-0.211388	-0.109090
-5.01E-06	-0.292784	-3.617152	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.497161	0.654392	0.180928
0.000148	0.439615	8.770664	
0.25000	0.497161	0.888239	0.180928
0.000148	0.216902	9.465209	
0.50000	0.497161	1.444787	0.180928
0.000148	0.035780	9.861601	
0.75000	0.497161	2.050833	0.180928
0.000148	0.239892	9.527851	
1.00000	0.497161	2.582504	0.180928
0.000148	0.460726	8.894715	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.413197	-2.638398	-0.179980
-0.000147	-0.431611	-7.868914	
0.25000	-0.413197	-2.106864	-0.179980
-0.000147	-0.210451	-7.014392	
0.50000	-0.413197	-1.500829	-0.179980
-0.000147	-0.017052	-6.960537	
0.75000	-0.413197	-0.944276	-0.179980
-0.000147	-0.231949	-6.913744	
1.00000	-0.413197	-0.710286	-0.179980
-0.000147	-0.454915	-7.667723	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.509640	0.833329	0.191458
0.000347	0.469928	13.652957	
0.25000	0.509640	1.640586	0.191458
0.000347	0.236162	13.496763	
0.50000	0.509640	0.857858	0.191458
0.000347	0.052538	13.433175	
0.75000	0.509640	0.876667	0.191458
0.000347	0.255349	13.586590	
1.00000	0.509640	0.882167	0.191458
0.000347	0.486466	13.834116	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4739

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.368720	-0.967420	-0.189141
-0.000346	-0.452187	-9.148893	
0.25000	-0.368720	-0.950924	-0.189141
-0.000346	-0.219778	-9.059695	
0.50000	-0.368720	-0.932116	-0.189141
-0.000346	-0.022552	-8.995004	
0.75000	-0.368720	-0.914844	-0.189141
-0.000346	0.243540	-8.930139	
1.00000	-0.368720	-0.907582	-0.189141
-0.000346	-0.478869	-8.890286	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.552020	6.532061	0.237355
0.000464	0.590420	20.710311	
0.25000	0.552020	12.174624	0.237355
0.000464	0.306836	37.633462	
0.50000	0.552020	25.603757	0.237355
0.000464	0.079553	47.581786	
0.75000	0.552020	40.227233	0.237355
0.000464	0.315141	37.943204	
1.00000	0.552020	53.056076	0.237355
0.000464	0.590583	20.936303	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.399909	-53.129231	-0.231184
-0.000464	-0.567887	-39.848647	
0.25000	-0.399909	-40.303667	-0.231184
-0.000464	-0.384772	-13.380871	
0.50000	-0.399909	-25.680485	-0.231184
-0.000464	-0.036535	-20.230969	
0.75000	-0.399909	-12.251249	-0.231184
-0.000464	-0.307295	-20.254492	
1.00000	-0.399909	-6.605228	-0.231184
-0.000464	-0.598646	-39.597546	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.081468	0.353514	0.059870
0.000228	0.146462	5.375922	
0.25000	0.081468	1.361577	0.059870
0.000228	0.073076	5.385608	
0.50000	0.081468	0.380769	0.059870
0.000228	0.020798	5.385944	
0.75000	0.081468	0.401667	0.059870
0.000228	0.090359	5.421455	
1.00000	0.081468	0.420000	0.059870
0.000228	0.171585	5.446577	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178566	-0.445687	-0.066412
-0.000227	-0.158079	-3.459118	
0.25000	-0.178566	-0.427359	-0.066412
-0.000227	-0.076736	-3.407960	
0.50000	-0.178566	-0.406461	-0.066412
-0.000227	-0.008672	-3.384337	
0.75000	-0.178566	-0.387269	-0.066412
-0.000227	-0.076531	-3.357109	
1.00000	-0.178566	-0.379201	-0.066412
-0.000227	-0.150216	-3.365295	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197553	9.064471	0.109494
0.000367	0.277669	18.428081	
0.25000	0.197553	17.652294	0.109494
0.000367	0.156537	44.749400	
0.50000	0.197553	38.091060	0.109494
0.000367	0.072394	59.755669	
0.75000	0.197553	60.347583	0.109494
0.000367	0.163231	44.826143	
1.00000	0.197553	79.872725	0.109494
0.000367	0.285945	18.586665	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4740

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176356	-79.912091	-0.109799
-0.000366	-0.279458	-52.187373	
0.25000	-0.176356	-60.391970	-0.109799
-0.000366	-0.145356	-22.614231	
0.50000	-0.176356	-38.135864	-0.109799
-0.000366	-0.034881	-22.442484	
0.75000	-0.176356	-17.696941	-0.109799
-0.000366	-0.152458	-22.535789	
1.00000	-0.176356	-9.103854	-0.109799
-0.000366	-0.285638	-52.032300	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.406477	8.331805	0.183125
0.000418	0.454776	20.218922	
0.25000	0.406477	16.104390	0.183125
0.000418	0.241654	44.064850	
0.50000	0.406477	34.602913	0.183125
0.000418	0.080262	57.668683	
0.75000	0.406477	54.746634	0.183125
0.000418	0.258254	44.167297	
1.00000	0.406477	72.418262	0.183125
0.000418	0.471810	20.415652	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320662	-72.476257	-0.182586
-0.000415	-0.452405	-50.141525	
0.25000	-0.320662	-54.809173	-0.182586
-0.000415	-0.228668	-23.353135	
0.50000	-0.320662	-34.665830	-0.182586
-0.000415	-0.036912	-23.175150	
0.75000	-0.320662	-16.167165	-0.182586
-0.000415	-0.245525	-23.237048	
1.00000	-0.320662	-8.389816	-0.182586
-0.000415	-0.469631	-49.910907	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.440376	5.664538	0.243179
0.000641	0.606258	20.825721	
0.25000	0.440376	10.351554	0.243179
0.000641	0.315130	34.988374	
0.50000	0.440376	21.506515	0.243179
0.000641	0.078346	43.107518	
0.75000	0.440376	33.653561	0.243179
0.000641	0.324159	35.105954	
1.00000	0.440376	44.309888	0.243179
0.000641	0.613228	21.064582	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.395186	-44.380601	-0.241210
-0.000640	-0.592376	-34.790530	
0.25000	-0.395186	-33.727014	-0.241210
-0.000640	-0.296306	-18.612025	
0.50000	-0.395186	-21.580195	-0.241210
-0.000640	-0.034489	-18.480408	
0.75000	-0.395186	-10.425149	-0.241210
-0.000640	-0.310409	-18.492949	
1.00000	-0.395186	-5.735260	-0.241210
-0.000640	-0.608742	-34.553167	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.149710	0.503379	0.156282
0.000416	0.392449	7.773371	
0.25000	0.149710	0.511442	0.156282
0.000416	0.192742	7.719413	
0.50000	0.149710	0.530634	0.156282
0.000416	0.026592	7.706568	
0.75000	0.149710	0.551532	0.156282
0.000416	0.194448	7.780207	
1.00000	0.149710	0.569865	0.156282
0.000416	0.385920	7.894689	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4741

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.247120	-0.600608	-0.155170
-0.000441	-0.381923	-3.834210	
0.25000	-0.247120	-0.582280	-0.155170
-0.000441	-0.190245	-3.790941	
0.50000	-0.247120	-0.561382	-0.155170
-0.000441	-0.009066	-3.775994	
0.75000	-0.247120	-0.542190	-0.155170
-0.000441	-0.188626	-3.760856	
1.00000	-0.247120	-0.534122	-0.155170
-0.000441	-0.381238	-3.772910	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.313044	12.657843	0.231081
0.000524	0.588529	22.890040	
0.25000	0.313044	24.850133	0.231081
0.000524	0.318693	60.305665	
0.50000	0.313044	53.867423	0.231081
0.000524	0.087747	81.624820	
0.75000	0.313044	85.465417	0.231081
0.000524	0.301790	60.406213	
1.00000	0.313044	113.185618	0.231081
0.000524	0.559607	23.099571	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320111	-113.222384	-0.222753
-0.000524	-0.570786	-71.220744	
0.25000	-0.320111	-85.509311	-0.222753
-0.000524	-0.295957	-29.263782	
0.50000	-0.320111	-53.911911	-0.222753
-0.000524	-0.042021	-29.050123	
0.75000	-0.320111	-24.894398	-0.222753
-0.000524	-0.301085	-29.212444	
1.00000	-0.320111	-12.694634	-0.222753
-0.000524	-0.584226	-71.118765	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.304935	9.598758	0.237110
0.000691	0.599774	24.008032	
0.25000	0.304935	18.387357	0.237110
0.000691	0.320301	50.892544	
0.50000	0.304935	39.303997	0.237110
0.000691	0.090738	66.252118	
0.75000	0.304935	62.080884	0.237110
0.000691	0.315358	51.013971	
1.00000	0.304935	82.062529	0.237110
0.000691	0.590249	24.256971	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.326863	-82.121042	-0.233340
-0.000701	-0.586569	-55.534995	
0.25000	-0.326863	-62.144536	-0.233340
-0.000701	-0.299143	-25.265907	
0.50000	-0.326863	-39.368076	-0.233340
-0.000701	-0.040651	-25.086562	
0.75000	-0.326863	-18.451285	-0.233340
-0.000701	-0.301026	-25.119329	
1.00000	-0.326863	-9.657289	-0.233340
-0.000701	-0.595939	-55.360093	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.388592	8.129050	0.260851
0.000677	0.653172	23.253503	
0.25000	0.388592	15.422652	0.260851
0.000677	0.342838	45.550741	
0.50000	0.388592	32.781209	0.260851
0.000677	0.098634	58.289124	
0.75000	0.388592	51.683580	0.260851
0.000677	0.351195	45.675722	
1.00000	0.388592	68.266201	0.260851
0.000677	0.661968	23.507976	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4742

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.432399	-68.333650	-0.260865
-0.000690	-0.647856	-48.580325	
0.25000	-0.432399	-51.755284	-0.260865
-0.000690	-0.326640	-23.439395	
0.50000	-0.432399	-32.853277	-0.260865
-0.000690	-0.040086	-23.272096	
0.75000	-0.432399	-15.494586	-0.260865
-0.000690	-0.335302	-23.329361	
1.00000	-0.432399	-8.196513	-0.260865
-0.000690	-0.655234	-48.358702	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.293852	10.914866	0.170456
0.000869	0.431187	24.810894	
0.25000	0.293852	31.973762	0.170456
0.000869	0.227658	78.465757	
0.50000	0.293852	59.718465	0.170456
0.000869	0.081026	99.650658	
0.75000	0.293852	85.716023	0.170456
0.000869	0.230110	78.428275	
1.00000	0.293852	112.985236	0.170456
0.000869	0.443399	24.721236	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.287860	-112.964482	-0.176428
-0.000879	-0.446034	-76.338299	
0.25000	-0.287860	-85.694943	-0.176428
-0.000879	-0.226512	-28.627833	
0.50000	-0.287860	-59.698098	-0.176428
-0.000879	-0.044297	-27.908787	
0.75000	-0.287860	-31.953275	-0.176428
-0.000879	-0.223787	-28.307364	
1.00000	-0.287860	-10.894902	-0.176428
-0.000879	-0.434080	-75.988889	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.552020	12.657843	0.260851
0.000691	0.653172	24.008032	
0.25000	0.552020	24.850133	0.260851
0.000691	0.342838	60.305665	
0.50000	0.552020	53.867423	0.260851
0.000691	0.090738	81.624820	
0.75000	0.552020	85.465417	0.260851
0.000691	0.351195	60.406213	
1.00000	0.552020	113.185618	0.260851
0.000691	0.661968	24.256971	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.432399	-113.222384	-0.260865
-0.000701	-0.647856	-71.220744	
0.25000	-0.432399	-85.509311	-0.260865
-0.000701	-0.326640	-29.263782	
0.50000	-0.432399	-53.911911	-0.260865
-0.000701	-0.042021	-29.050123	
0.75000	-0.432399	-24.894398	-0.260865
-0.000701	-0.335302	-29.212444	
1.00000	-0.432399	-12.694634	-0.260865
-0.000701	-0.655234	-71.118765	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.552020	12.657843	0.260851
0.000869	0.653172	24.810894	
0.25000	0.552020	31.973762	0.260851
0.000869	0.342838	78.465757	
0.50000	0.552020	59.718465	0.260851
0.000869	0.090738	99.650658	
0.75000	0.552020	85.716023	0.260851
0.000869	0.351195	78.428275	
1.00000	0.552020	113.185618	0.260851
0.000869	0.661968	24.721236	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.432399	-113.222384	-0.260865
-0.000879	-0.647856	-76.338299	
0.25000	-0.432399	-85.694943	-0.260865
-0.000879	-0.326640	-29.263782	
0.50000	-0.432399	-59.698098	-0.260865
-0.000879	-0.044297	-29.050123	
0.75000	-0.432399	-31.953275	-0.260865
-0.000879	-0.335302	-29.212444	
1.00000	-0.432399	-12.694634	-0.260865
-0.000879	-0.655234	-75.988889	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.552020	12.657843	0.260851
0.000869	0.653172	24.810894	
0.25000	0.552020	31.973762	0.260851
0.000869	0.342838	78.465757	
0.50000	0.552020	59.718465	0.260851
0.000869	0.090738	99.650658	
0.75000	0.552020	85.716023	0.260851
0.000869	0.351195	78.428275	
1.00000	0.552020	113.185618	0.260851
0.000869	0.661968	24.721236	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.432399	-113.222384	-0.260865
-0.000879	-0.647856	-76.338299	
0.25000	-0.432399	-85.694943	-0.260865
-0.000879	-0.326640	-29.263782	
0.50000	-0.432399	-59.698098	-0.260865
-0.000879	-0.044297	-29.050123	
0.75000	-0.432399	-31.953275	-0.260865
-0.000879	-0.335302	-29.212444	
1.00000	-0.432399	-12.694634	-0.260865
-0.000879	-0.655234	-75.988889	

ELEM 462 ========== LENGTH = 4.943447

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.177865	0.183356	0.080234
0.000355	0.194474	3.412867	
0.25000	0.177865	0.207208	0.080234
0.000355	0.095319	3.324996	
0.50000	0.177865	0.238596	0.080234
0.000355	0.012838	3.213016	
0.75000	0.177865	0.268004	0.080234
0.000355	0.106183	3.064004	
1.00000	0.177865	0.298876	0.080234
0.000355	0.210386	2.893103	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182662	-0.241624	-0.084339
-3.86E-06	-0.206573	-1.599507	
0.25000	-0.182662	-0.210771	-0.084339
-3.86E-06	-0.102330	-1.631973	
0.50000	-0.182662	-0.181360	-0.084339
-3.86E-06	-0.005903	-1.717702	
0.75000	-0.182662	-0.149974	-0.084339
-3.86E-06	-0.103104	-1.804569	
1.00000	-0.182662	-0.126160	-0.084339
-3.86E-06	-0.202201	-1.944576	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.247340	0.775341	0.130457
0.000672	0.316418	7.552298	
0.25000	0.247340	1.443205	0.130457
0.000672	0.155470	8.839696	
0.50000	0.247340	2.322049	0.130457
0.000672	0.026600	9.195780	

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.247340	3.145472	0.130457
0.000672	0.174090	8.329302	
1.00000	0.247340	4.009907	0.130457
0.000672	0.342168	6.563313	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.296958	-3.820574	-0.136913
-8.59E-05	-0.335629	-5.062108	
0.25000	-0.296958	-2.956674	-0.136913
-8.59E-05	-0.166433	-3.720774	
0.50000	-0.296958	-2.133173	-0.136913
-8.59E-05	-0.011603	-3.870796	
0.75000	-0.296958	-1.254358	-0.136913
-8.59E-05	-0.168237	-4.052673	
1.00000	-0.296958	-0.587577	-0.136913
-8.59E-05	-0.329473	-5.722473	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.281949	0.890147	0.135132
0.000865	0.326924	12.319084	
0.25000	0.281949	0.911614	0.135132
0.000865	0.159969	11.525896	
0.50000	0.281949	0.939863	0.135132
0.000865	0.039986	11.113330	
0.75000	0.281949	0.966330	0.135132
0.000865	0.212687	10.888062	
1.00000	0.281949	0.994115	0.135132
0.000865	0.408984	10.853981	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265783	-0.655326	-0.159281
-0.000306	-0.079433	-3.827530	
0.25000	-0.265783	-0.627558	-0.159281
-0.000306	-0.182905	-4.022052	
0.50000	-0.265783	-0.601089	-0.159281
-0.000306	-0.014175	-4.264510	
0.75000	-0.265783	-0.572841	-0.159281
-0.000306	-0.174138	-4.507993	
1.00000	-0.265783	-0.551409	-0.159281
-0.000306	-0.341146	-4.799302	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305833	7.200919	0.156871
0.000852	0.387797	21.921513	
0.25000	0.305833	19.848003	0.156871
0.000852	0.198803	53.684563	
0.50000	0.305833	36.491115	0.156871
0.000852	0.071925	65.888992	
0.75000	0.305833	52.084689	0.156871
0.000852	0.252018	52.764632	
1.00000	0.305833	68.454924	0.156871
0.000852	0.477229	20.238205	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.285836	-68.014339	-0.185259
-0.000548	-0.457930	-48.032142	
0.25000	-0.285836	-51.654233	-0.185259
-0.000548	-0.229854	-19.803372	
0.50000	-0.285836	-36.059189	-0.185259
-0.000548	-0.037007	-19.817142	
0.75000	-0.285836	-19.416614	-0.185259
-0.000548	-0.211523	-20.434176	
1.00000	-0.285836	-6.789449	-0.185259
-0.000548	-0.405408	-49.228744	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064327	0.389441	0.046966
0.000374	0.113777	5.151887	

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.064327	0.413294	0.046966
0.000374	0.055730	4.871673	
0.50000	0.064327	0.444681	0.046966
0.000374	0.016530	4.655278	
0.75000	0.064327	0.474089	0.046966
0.000374	0.071243	4.551504	
1.00000	0.064327	0.504962	0.046966
0.000374	0.134353	4.551064	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101453	-0.331801	-0.051258
-0.000160	-0.119476	-1.530016	
0.25000	-0.101453	-0.300948	-0.051258
-0.000160	-0.058337	-1.573623	
0.50000	-0.101453	-0.271537	-0.051258
-0.000160	-0.005392	-1.670492	
0.75000	-0.101453	-0.240151	-0.051258
-0.000160	-0.060388	-1.768499	
1.00000	-0.101453	-0.216337	-0.051258
-0.000160	-0.118459	-1.919646	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.142017	9.127891	0.070347
0.000537	0.178094	20.510585	
0.25000	0.142017	26.444636	0.070347
0.000537	0.097800	64.526359	
0.50000	0.142017	49.231811	0.070347
0.000537	0.067982	81.619419	
0.75000	0.142017	70.581994	0.070347
0.000537	0.158410	63.826445	
1.00000	0.142017	92.995555	0.070347
0.000537	0.281444	19.329076	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.112955	-92.617338	-0.103630
-0.000334	-0.257290	-62.676028	
0.25000	-0.112955	-70.217645	-0.103630
-0.000334	-0.130403	-24.032436	
0.50000	-0.112955	-48.865449	-0.103630
-0.000334	-0.039833	-23.857554	
0.75000	-0.112955	-26.079009	-0.103630
-0.000334	-0.106990	-24.508639	
1.00000	-0.112955	-8.790331	-0.103630
-0.000334	-0.193916	-63.739431	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.251377	8.387387	0.124415
0.000762	0.308395	21.347707	
0.25000	0.251377	24.036858	0.124415
0.000762	0.160668	61.020788	
0.50000	0.251377	44.630061	0.124415
0.000762	0.071880	76.370852	
0.75000	0.251377	63.924628	0.124415
0.000762	0.223443	60.187927	
1.00000	0.251377	84.180189	0.124415
0.000762	0.413417	19.867800	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221181	-83.779260	-0.157361
-0.000294	-0.386396	-58.025351	
0.25000	-0.221181	-63.536232	-0.157361
-0.000294	-0.194944	-22.991740	
0.50000	-0.221181	-44.239846	-0.157361
-0.000294	-0.040602	-22.903778	
0.75000	-0.221181	-23.647308	-0.157361
-0.000294	-0.174911	-23.562259	
1.00000	-0.221181	-8.023201	-0.157361
-0.000294	-0.328659	-59.085954	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.281969	6.163317	0.161870
0.000840	0.400463	21.782068	
0.25000	0.281969	16.431717	0.161870
0.000840	0.204382	47.109758	
0.50000	0.281969	29.943947	0.161870
0.000840	0.069748	57.068708	
0.75000	0.281969	42.604076	0.161870
0.000840	0.251742	46.376791	
1.00000	0.281969	55.894763	0.161870
0.000840	0.480426	20.021310	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.258375	-55.404810	-0.187552
-0.000741	-0.462595	-39.797448	
0.25000	-0.258375	-42.122348	-0.187552
-0.000741	-0.231565	-16.948118	
0.50000	-0.258375	-29.461025	-0.187552
-0.000741	-0.032860	-17.028374	
0.75000	-0.258375	-15.949231	-0.187552
-0.000741	-0.214149	-17.598409	
1.00000	-0.258375	-5.697474	-0.187552
-0.000741	-0.414201	-41.045253	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118957	0.574668	0.102227
0.000260	0.253717	7.716095	
0.25000	0.118957	0.598320	0.102227
0.000260	0.127374	7.331332	
0.50000	0.118957	0.629707	0.102227
0.000260	0.022313	7.042681	
0.75000	0.118957	0.659115	0.102227
0.000260	0.123990	6.929018	
1.00000	0.118957	0.689988	0.102227
0.000260	0.250118	6.917087	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.120626	-0.451766	-0.102128
-0.000762	-0.254793	-1.697792	
0.25000	-0.120626	-0.420913	-0.102128
-0.000762	-0.126625	-1.788320	
0.50000	-0.120626	-0.391502	-0.102128
-0.000762	-0.005702	-1.932110	
0.75000	-0.120626	-0.360116	-0.102128
-0.000762	-0.125313	-2.077038	
1.00000	-0.120626	-0.336302	-0.102128
-0.000762	-0.251666	-2.275106	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200145	11.080984	0.137170
0.000392	0.348524	24.406561	
0.25000	0.200145	32.166387	0.137170
0.000392	0.187041	78.120300	
0.50000	0.200145	59.912754	0.137170
0.000392	0.079314	99.009287	
0.75000	0.200145	85.909395	0.137170
0.000392	0.212938	77.341771	
1.00000	0.200145	113.200839	0.137170
0.000392	0.401679	23.095581	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.184447	-112.772836	-0.157289
-0.000942	-0.406936	-75.965158	
0.25000	-0.184447	-85.498279	-0.157289
-0.000942	-0.213613	-28.662597	
0.50000	-0.184447	-59.499186	-0.157289
-0.000942	-0.045957	-28.444249	
0.75000	-0.184447	-31.753714	-0.157289
-0.000942	-0.189475	-29.231627	
1.00000	-0.184447	-10.702486	-0.157289
-0.000942	-0.359035	-76.994844	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.227718	8.193826	0.149417
0.000659	0.374594	24.729278	
0.25000	0.227718	22.662610	0.149417
0.000659	0.195475	61.086484	
0.50000	0.227718	41.702142	0.149417
0.000659	0.078299	75.084142	
0.75000	0.227718	52.541014	0.149417
0.000659	0.242763	60.135337	
1.00000	0.227718	78.268378	0.149417
0.000659	0.457697	22.996241	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180401	-77.725094	-0.177423
-0.001046	-0.441579	-53.990768	
0.25000	-0.180401	-59.009318	-0.177423
-0.001046	-0.223394	-21.671809	
0.50000	-0.180401	-41.168764	-0.177423
-0.001046	-0.038341	-21.661994	
0.75000	-0.180401	-22.129846	-0.177423
-0.001046	-0.199632	-22.342308	
1.00000	-0.180401	-7.684513	-0.177423
-0.001046	-0.384285	-55.257400	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270348	6.962048	0.172081
0.000806	0.427379	23.284970	
0.25000	0.270348	18.929921	0.172081
0.000806	0.249951	53.182178	
0.50000	0.270348	34.678496	0.172081
0.000806	0.074517	64.636424	
0.75000	0.270348	49.433943	0.172081
0.000806	0.264683	52.205133	
1.00000	0.270348	64.924307	0.172081
0.000806	0.505221	21.468737	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.249991	-64.391002	-0.197526
-0.000895	-0.489589	-45.702759	
0.25000	-0.249991	-48.910223	-0.197526
-0.000895	-0.246352	-19.033806	
0.50000	-0.249991	-34.153384	-0.197526
-0.000895	-0.035650	-19.089406	
0.75000	-0.249991	-18.405318	-0.197526
-0.000895	-0.227403	-19.715845	
1.00000	-0.249991	-6.456841	-0.197526
-0.000895	-0.440057	-47.005325	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407685	0.263683	0.137258
0.000304	0.327560	4.402093	
0.25000	0.407685	0.271756	0.137258
0.000304	0.157448	4.281053	
0.50000	0.407685	0.290951	0.137258
0.000304	0.017325	4.153327	
0.75000	0.407685	0.311850	0.137258
0.000304	0.188937	4.000425	
1.00000	0.407685	0.330183	0.137258
0.000304	0.364280	3.841140	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.233864	-0.254546	-0.141915
-3.43E-06	-0.337393	-3.650476	
0.25000	-0.233864	-0.236014	-0.141915
-3.43E-06	-0.161923	-3.566588	
0.50000	-0.233864	-0.215118	-0.141915
-3.43E-06	-0.009925	-3.510481	
0.75000	-0.233864	-0.195925	-0.141915
-3.43E-06	-0.178864	-3.454551	
1.00000	-0.233864	-0.187862	-0.141915
-3.43E-06	-0.349363	-3.426239	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.506546	0.816316	0.214887
0.000562	0.510648	8.941913	
0.25000	0.506546	1.050431	0.214887
0.000562	0.245261	9.326511	
0.50000	0.506546	1.607103	0.214887
0.000562	0.033981	9.450536	
0.75000	0.506546	2.213175	0.214887
0.000562	0.318920	8.824622	
1.00000	0.506546	2.744822	0.214887
0.000562	0.611231	7.909684	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.425116	-2.566460	-0.237060
-8.24E-05	-0.561360	-7.717798	
0.25000	-0.425116	-2.034827	-0.237060
-8.24E-05	-0.268754	-6.821611	
0.50000	-0.425116	-1.428862	-0.237060
-8.24E-05	-0.018504	-6.728813	
0.75000	-0.425116	-0.872252	-0.237060
-8.24E-05	-0.282522	-6.642901	
1.00000	-0.425116	-0.638432	-0.237060
-8.24E-05	-0.549326	-7.356988	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.520315	1.073544	0.224686
0.000725	0.532632	13.883606	
0.25000	0.520315	1.080810	0.224686
0.000725	0.255843	13.301178	
0.50000	0.520315	1.098086	0.224686
0.000725	0.050280	12.811761	
0.75000	0.520315	1.116895	0.224686
0.000725	0.363301	12.533342	
1.00000	0.520315	1.133394	0.224686
0.000725	0.686303	12.363650	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.380948	-0.830634	-0.261668
-0.000278	-0.611210	-8.939918	
0.25000	-0.380948	-0.814135	-0.261668
-0.000278	-0.289720	-8.810469	
0.50000	-0.380948	-0.795329	-0.261668
-0.000278	-0.024663	-8.706313	
0.75000	-0.380948	-0.778442	-0.261668
-0.000278	-0.300357	-8.602082	
1.00000	-0.380948	-0.770798	-0.261668
-0.000278	-0.578480	-8.522664	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.564409	6.802329	0.258805
0.000716	0.622805	20.967875	
0.25000	0.564409	12.451373	0.258805
0.000716	0.312419	37.594609	
0.50000	0.564409	25.883485	0.258805
0.000716	0.077054	46.868462	
0.75000	0.564409	40.507577	0.258805
0.000716	0.414251	36.729759	
1.00000	0.564409	53.335850	0.258805
0.000716	0.774606	19.269621	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.413929	-52.938737	-0.297847
-0.000480	-0.712460	-39.627610	
0.25000	-0.413929	-40.110784	-0.297847
-0.000480	-0.347803	-20.124723	
0.50000	-0.413929	-25.489275	-0.297847
-0.000480	-0.038871	-20.004527	
0.75000	-0.413929	-12.058647	-0.297847
-0.000480	-0.348844	-20.055547	
1.00000	-0.413929	-6.416736	-0.297847
-0.000480	-0.668872	-39.407824	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090033	0.447104	0.072245
0.000303	0.169367	5.464808	
0.25000	0.090033	0.455177	0.072245
0.000303	0.080685	5.295454	
0.50000	0.090033	0.474373	0.072245
0.000303	0.019848	5.147267	
0.75000	0.090033	0.495272	0.072245
0.000303	0.130715	5.020179	
1.00000	0.090033	0.513605	0.072245
0.000303	0.244370	4.887194	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180113	-0.383463	-0.092315
-0.000149	-0.213495	-3.380004	
0.25000	-0.180113	-0.365130	-0.092315
-0.000149	-0.101109	-3.317034	
0.50000	-0.180113	-0.344235	-0.092315
-0.000149	-0.009152	-3.281555	
0.75000	-0.180113	-0.325042	-0.092315
-0.000149	-0.098050	-3.246388	
1.00000	-0.180113	-0.316979	-0.092315
-0.000149	-0.187457	-3.238672	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206791	9.240084	0.117430
0.000434	0.279733	18.604202	
0.25000	0.206791	17.837771	0.117430
0.000434	0.149457	44.571519	
0.50000	0.206791	38.281072	0.117430
0.000434	0.070773	59.273271	
0.75000	0.206791	60.538532	0.117430

```
 0.000434    0.237328   43.998595
 1.00000     0.206791   80.062806     0.117430
 0.000434    0.418637   17.463344

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.180502  -79.744107   -0.156184
-0.000293   -0.374902  -52.045621
 0.25000   -0.180502  -60.220321   -0.156184
-0.000293   -0.186038  -22.447864
 0.50000   -0.180502  -37.966792   -0.156184
-0.000293   -0.036359  -22.350313
 0.75000   -0.180502  -17.525749   -0.156184
-0.000293   -0.175267  -22.513753
 1.00000   -0.180502   -8.938918   -0.156184
-0.000293   -0.319650  -52.052757

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.419820    8.562959    0.206637
 0.000629   0.492040   20.453502
 0.25000    0.419820   16.344472    0.206637
 0.000629   0.249692   43.843401
 0.50000    0.419820   34.847098    0.206637
 0.000629   0.078098   57.048631
 0.75000    0.419820   54.991667    0.206637
 0.000629   0.361039   43.111343
 1.00000    0.419820   72.662510    0.206637
 0.000629   0.660226   18.977360

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.332156  -72.305689   -0.250767
-0.000257   -0.598607   -49.946902
 0.25000   -0.332156  -54.635287   -0.250767
-0.000257   -0.292467   -23.116019
 0.50000   -0.332156  -34.494277   -0.250767
-0.000257   -0.040747   -22.984791
 0.75000   -0.332156  -15.993693   -0.250767
-0.000257   -0.290026  -23.155467
 1.00000   -0.332156   -8.222007   -0.250767
-0.000257   -0.545335   -49.889330
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4750

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.457362    5.950656    0.258439
 0.000697   0.624645   21.082957
 0.25000    0.457362   10.643056    0.258439
 0.000697   0.313750   34.729675
 0.50000    0.457362   21.800491    0.258439
 0.000697   0.075876   42.313776
 0.75000    0.457362   33.948048    0.258439
 0.000697   0.416003   33.834343
 1.00000    0.457362   44.603902    0.258439
 0.000697   0.781055   19.318078

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.409384  -44.171632   -0.301527
-0.000623   -0.721591   -34.566651
 0.25000   -0.409384  -33.516044   -0.301527
-0.000623   -0.352551   -18.366368
 0.50000   -0.409384  -21.370632   -0.301527
-0.000623   -0.036503   -18.266200
 0.75000   -0.409384  -10.214430   -0.301527
-0.000623   -0.344011   -18.363300
 1.00000   -0.409384   -5.527955   -0.301527
-0.000623   -0.663173   -34.472959

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.158591    0.642217    0.148901
 0.000227   0.370552    7.870403
 0.25000    0.158591    0.650290    0.148901
 0.000227   0.187085    7.584341
 0.50000    0.158591    0.669485    0.148901
 0.000227   0.025457    7.338536
 0.75000    0.158591    0.690384    0.148901
 0.000227   0.205701    7.178933
 1.00000    0.158591    0.708717    0.148901
 0.000227   0.405000    7.060831

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.251605   -0.492203   -0.161966
-0.000670   -0.394954   -3.743221
 0.25000   -0.251605   -0.473871   -0.161966
-0.000670   -0.196097   -3.719055
 0.50000   -0.251605   -0.452976   -0.161966
-0.000670   -0.009735   -3.724021
 0.75000   -0.251605   -0.433782   -0.161966
-0.000670   -0.182612   -3.728733
 1.00000   -0.251605   -0.425720   -0.161966
-0.000670   -0.366475   -3.760905

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.323531   12.865038    0.215034
 0.000310   0.536241   23.069178
 0.25000    0.323531   25.071332    0.215034
 0.000310   0.289322   60.081995
 0.50000    0.323531   54.095060    0.215034
 0.000310   0.085865   81.051838
 0.75000    0.323531   85.694384    0.215034
 0.000310   0.331229   59.439847
 1.00000    0.323531  113.413353    0.215034
 0.000310   0.614444   21.806608

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.328605 -113.013156   -0.242351
-0.000777   -0.608033   -71.082395
 0.25000   -0.328605   -85.294878   -0.242351
-0.000777   -0.313440   -29.129883
 0.50000   -0.328605   -53.701136   -0.242351
-0.000777   -0.043381   -29.071807
 0.75000   -0.328605   -24.680613   -0.242351
-0.000777   -0.288043   -29.383090
 1.00000   -0.328605   -12.489732   -0.242351
-0.000777   -0.553267   -71.362258
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4751

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.319568    9.873849    0.232573
 0.000520   0.571134   24.242231
 0.25000    0.319568   18.672553    0.232573
 0.000520   0.298446   50.617428
 0.50000    0.319568   39.593824    0.232573
 0.000520   0.088346   65.503134
 0.75000    0.319568   62.371670    0.232573
 0.000520   0.382136   49.762470
 1.00000    0.319568   82.352427    0.232573
 0.000520   0.708403   22.549065

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.335668  -81.873187   -0.274323
-0.000873   -0.668056   -55.337114
 0.25000   -0.335668  -61.892929   -0.274323
-0.000873   -0.334507   -25.068568
 0.50000   -0.335668  -39.119106   -0.274323
-0.000873   -0.042445   -24.989367
 0.75000   -0.335668  -18.200146   -0.274323
-0.000873   -0.312468   -25.177168
 1.00000   -0.335668   -9.412552   -0.274323
-0.000873   -0.598983   -55.427332

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.407135    8.419694    0.269667
 0.000647   0.655879   23.513527
 0.25000    0.407135   15.721674    0.269667
 0.000647   0.334780   45.266199
 0.50000    0.407135   33.084082    0.269667
 0.000647   0.086070   57.509092
 0.75000    0.407135   51.987249    0.269667
 0.000647   0.436528   44.371083
 1.00000    0.407135   68.569133    0.269667
 0.000647   0.816968   21.717567

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.443974  -68.098427   -0.316454
-0.000747   -0.764433   -48.356996
 0.25000   -0.443974  -51.516957   -0.316454
-0.000747   -0.377862   -29.200384
 0.50000   -0.443974   -32.617129   -0.316454
-0.000747   -0.041978   -23.131723
 0.75000   -0.443974   -15.256638   -0.316454
-0.000747   -0.360398   -23.279219
 1.00000   -0.443974    -7.963879   -0.316454
-0.000747   -0.693322   -48.412598

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.305833   11.080984    0.172081
 0.000865   0.427379   24.729278
 0.25000    0.305833   32.166387    0.172081
 0.000865   0.219295   78.120300
 0.50000    0.305833   59.912754    0.172081
 0.000865   0.079314   99.009287
 0.75000    0.305833   85.909395    0.172081
 0.000865   0.264683   77.341771
 1.00000    0.305833  113.200839    0.172081
 0.000865   0.505221   23.095581

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.296958 -112.772816   -0.197526
-0.001046   -0.489589   -75.965158
 0.25000   -0.296958   -85.498279   -0.197526
-0.001046   -0.246352   -28.662597
 0.50000   -0.296958   -59.499186   -0.197526
-0.001046   -0.045957   -28.444249
 0.75000   -0.296958   -31.753714   -0.197526
-0.001046   -0.527403   -29.071827
 1.00000   -0.296958   -10.702486   -0.197526
-0.001046   -0.440057   -76.994844
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4752

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.564409   12.865038    0.269667
 0.000725   0.655879   24.242231
 0.25000    0.564409   25.071332    0.269667
 0.000725   0.334780   60.081995
 0.50000    0.564409   54.095060    0.269667
 0.000725   0.088346   81.051838
 0.75000    0.564409   85.694384    0.269667
 0.000725   0.436528   59.439847
 1.00000    0.564409  113.413353    0.269667
 0.000725   0.816968   22.549065

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.443974 -113.013156   -0.316454
-0.000873   -0.764433   -71.082395
 0.25000   -0.443974   -85.294878   -0.316454
-0.000873   -0.377862   -29.129883
 0.50000   -0.443974   -59.499186   -0.316454
-0.000873   -0.043381   -29.071807
 0.75000   -0.443974   -24.680613   -0.316454
-0.000873   -0.360398   -29.383090
 1.00000   -0.443974   -12.489732   -0.316454
-0.000873   -0.693322   -71.362258

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.564409   12.865038    0.269667
 0.000865   0.655879   24.729278
 0.25000    0.564409   32.166387    0.269667
 0.000865   0.334780   78.120300
 0.50000    0.564409   59.912754    0.269667
 0.000865   0.088346   99.009287
 0.75000    0.564409   85.909395    0.269667
 0.000865   0.436528   77.341771
 1.00000    0.564409  113.413353    0.269667
 0.000865   0.816968   23.095581

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.443974 -113.013156   -0.316454
-0.001046   -0.764433   -75.965158
 0.25000   -0.443974   -85.498279   -0.316454
-0.001046   -0.377862   -29.129883
 0.50000   -0.443974   -59.499186   -0.316454
-0.001046   -0.045957   -29.071807
 0.75000   -0.443974   -31.753714   -0.316454
-0.001046   -0.360398   -29.383090
 1.00000   -0.443974   -12.489732   -0.316454
-0.001046   -0.693322   -76.994844

COMB      DESIGN ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.564409   12.865038    0.269667
 0.000865   0.655879   24.729278
 0.25000    0.564409   32.166387    0.269667
 0.000865   0.334780   78.120300
 0.50000    0.564409   59.912754    0.269667
 0.000865   0.088346   99.009287
 0.75000    0.564409   85.909395    0.269667
 0.000865   0.436528   77.341771
 1.00000    0.564409  113.413353    0.269667
 0.000865   0.816968   23.095581

COMB      DESIGN ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.443974 -113.013156   -0.316454
-0.001046   -0.764433   -75.965158
 0.25000   -0.443974   -85.498279   -0.316454
-0.001046   -0.377862   -29.129883
 0.50000   -0.443974   -59.499186   -0.316454
-0.001046   -0.045957   -29.071807
 0.75000   -0.443974   -31.753714   -0.316454
-0.001046   -0.360398   -29.383090
 1.00000   -0.443974   -12.489732   -0.316454
-0.001046   -0.693322   -76.994844
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4753

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      463 ================== LENGTH
=    4.942379

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.180905    0.290310    0.091305
 0.000553   0.220853    2.907853
 0.25000    0.180905    0.314191    0.091305
 0.000553   0.108044    2.655466
 0.50000    0.180905    0.345586    0.091305
 0.000553   0.009199    2.377064
 0.75000    0.180905    0.374995    0.091305
 0.000553   0.113130    2.064664
 1.00000    0.180905    0.405874    0.091305
 0.000553   0.223906    1.735284

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.187987   -0.243270   -0.089657
-3.76E-07   -0.219263   -1.961580
 0.25000   -0.187987   -0.212462   -0.089657
-3.76E-07   -0.108484   -1.894023
 0.50000   -0.187987   -0.183044   -0.089657
-3.76E-07   -0.006786   -1.879959
 0.75000   -0.187987   -0.151654   -0.089657
-3.76E-07   -0.117774   -1.866988
 1.00000   -0.187987   -0.127876   -0.089657
-3.76E-07   -0.230553   -1.907440

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.253527    0.993351    0.148054
 0.001000   0.357987    6.588686
 0.25000    0.253527    1.662008    0.148054
 0.001000   0.175480    7.551262
 0.50000    0.253527    2.541074    0.148054
 0.001000   0.020117    7.579252
 0.75000    0.253527    3.364539    0.148054
 0.001000   0.194461    6.347856
 1.00000    0.253527    4.229137    0.148054
 0.001000   0.379910    4.284758

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.301444   -3.764287   -0.150377
-3.76E-07   -0.364534   -5.747978
 0.25000   -0.301544   -2.901865   -0.150377
-3.76E-07   -0.179615   -4.239808
 0.50000   -0.301544   -2.078147   -0.150377
-3.76E-07   -0.013079   -4.222115
 0.75000   -0.301544   -1.199240   -0.150377
-3.76E-07   -0.191589   -4.233425
 1.00000   -0.301544   -0.533441   -0.150377
-3.76E-07   -0.374447   -5.740612

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.287274    1.213055    0.154799
 0.001182   0.373563   10.885928
 0.25000    0.287274    1.234547    0.154799
 0.001182   0.182369    9.687787
 0.50000    0.287274    1.262803    0.154799
 0.001182   0.030750    8.655499
 0.75000    0.287274    1.289272    0.154799
 0.001182   0.253227    7.875287
 1.00000    0.287274    1.317062    0.154799
 0.001182   0.491546    7.325894

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.271608   -0.439212   -0.193253
-0.000164   -0.464054   -4.823627
 0.25000   -0.271608   -0.411485   -0.193253
-0.000164   -0.226116   -4.798814
 0.50000   -0.271608   -0.385008   -0.193253
-0.000164   -0.011643   -4.822300
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4754

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T         M2          M3
 0.75000   -0.271608   -0.356758   -0.193253
-0.000164   -0.200334   -4.846718
 1.00000   -0.271608   -0.335357   -0.193253
-0.000164   -0.391532   -4.919218

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.311230    7.569617    0.170261
 0.001044   0.414179   20.270532
 0.25000    0.311230   20.232311    0.170261
 0.001044   0.211359   51.421774
 0.50000    0.311230   36.879625    0.170261
 0.001044   0.061455   63.004691
 0.75000    0.311230   52.473993    0.170261
 0.001044   0.291458   49.023452
 1.00000    0.311230   68.847323    0.170261
 0.001044   0.551981   16.071607

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.291540  -67.676014   -0.215578
-0.000504   -0.535291   -49.242670
 0.25000   -0.291540   -51.340109   -0.215578
-0.000504   -0.269666   -20.859800
 0.50000   -0.291540   -35.740957   -0.215578
-0.000504   -0.039952   -20.696008
 0.75000   -0.291540   -19.096654   -0.215578
-0.000504   -0.230179   -21.081457
 1.00000   -0.291540    -6.488086   -0.215578
-0.000504   -0.440473   -49.795069

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.067981    0.522540    0.053312
 0.000480   0.128766    4.562602
 0.25000    0.067981    0.546421    0.053312
 0.000480   0.062890    4.086027
 0.50000    0.067981    0.577816    0.053312
 0.000480   0.013062    3.658071
 0.75000    0.067981    0.607226    0.053312
 0.000480   0.093303    3.312293
 1.00000    0.067981    0.638104    0.053312
 0.000480   0.177759    3.078826

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.099773   -0.238265   -0.068546
-4.14E-06   -0.161496   -1.926753
 0.25000   -0.099773   -0.207457   -0.068546
-4.14E-06   -0.077711   -1.890960
 0.50000   -0.099773   -0.178039   -0.068546
-4.14E-06   -0.006049   -1.908384
 0.75000   -0.099773   -0.146649   -0.068546
-4.14E-06   -0.069052   -1.926856
 1.00000   -0.099773   -0.122871   -0.068546
-4.14E-06   -0.134916   -1.998818

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.143624    9.385121    0.076633
 0.000645   0.185569   19.348296
 0.25000    0.143624   26.722445    0.076633
 0.000645   0.101173   62.936797
 0.50000    0.143624   49.515373    0.076633
 0.000645   0.060982   79.585333
 0.75000    0.143624   70.866643    0.076633
 0.000645   0.202512   61.026203
 1.00000    0.143624   93.284441    0.076633
 0.000645   0.371358   16.347181

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.113665   -92.293706   -0.141779
-0.000176   -0.355081   -63.743824
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4755

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T         M2          M3
 0.25000   -0.113665   -69.927149   -0.141779
-0.000176   -0.180871   -24.859716
 0.50000   -0.113665   -48.569328   -0.141779
-0.000176   -0.042161   -24.611807
 0.75000   -0.113665   -25.780523   -0.141779
-0.000176   -0.116491   -25.115902
 1.00000   -0.113665    -8.517306   -0.141779
-0.000176   -0.211172   -64.405940

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.255437    8.708808    0.138464
 0.001010   0.334990   19.897174
 0.25000    0.255437   24.376878    0.138464
 0.001010   0.173233   59.046343
 0.50000    0.255437   44.975280    0.138464
 0.001010   0.062723   73.847181
 0.75000    0.255437   64.270829    0.138464
 0.001010   0.267869   56.833451
 1.00000    0.255437   84.530219    0.138464
 0.001010   0.504029   16.209003

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.225708   -83.497177   -0.195737
-0.000159   -0.486602   -59.102306
 0.25000   -0.225708   -63.284094   -0.195737
-0.000159   -0.245485   -23.955451
 0.50000   -0.225708   -43.982634   -0.195737
-0.000159   -0.043340   -23.724995
 0.75000   -0.225708   -23.387949   -0.195737
-0.000159   -0.194607   -24.174137
 1.00000   -0.225708    -7.786851   -0.195737
-0.000159   -0.365652   -59.674875

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.287792    6.560289    0.172050
 0.000846   0.420110   20.052907
 0.25000    0.287792   16.840892    0.172050
 0.000846   0.213651   44.935644
 0.50000    0.287792   30.356533    0.172050
 0.000846   0.059059   54.021379
 0.75000    0.287792   43.017307    0.172050
 0.000846   0.282383   42.461484
 1.00000    0.287792   56.310505    0.172050
 0.000846   0.543298   15.595735

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.262967   -55.016392   -0.214334
-0.000759   -0.531348   -41.515362
 0.25000   -0.262967   -41.753578   -0.214334
-0.000759   -0.267165   -18.040599
 0.50000   -0.262967   -29.088920   -0.214334
-0.000759   -0.035619   -17.940561
 0.75000   -0.262967   -15.575724   -0.214334
-0.000759   -0.228406   -18.286441
 1.00000   -0.262967    -5.339064   -0.214334
-0.000759   -0.440960   -41.631425

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.122307    0.763254    0.099733
 6.73E-06   0.247764    6.926590
 0.25000    0.122307    0.787135    0.099733
 6.73E-06   0.124545    6.237438
 0.50000    0.122307    0.818530    0.099733
 6.73E-06   0.017587    5.611183
 0.75000    0.122307    0.847940    0.099733
 6.73E-06   0.117262    5.351510
 1.00000    0.122307    0.878818    0.099733
 6.73E-06   0.237059    4.797120
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                                    Page
<                MOVING                LOAD                >
                                     4756

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.121965   -0.256757   -0.097000
-0.000966   -0.242420   -2.260524
 0.25000   -0.121965   -0.225949   -0.097000
-0.000966   -0.122557   -2.275768
 0.50000   -0.121965   -0.196531   -0.097000
-0.000966   -0.006665   -2.344231
 0.75000   -0.121965   -0.165141   -0.097000
-0.000966   -0.121960   -2.413729
 1.00000   -0.121965   -0.141362   -0.097000
-0.000966   -0.245202   -2.536652

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T         M2          M3
 0.00000    0.202719   11.382118    0.132619
 8.36E-05   0.329272   23.111363
 0.25000    0.202719   32.492579    0.132619
 8.36E-05   0.177943   76.311047
 0.50000    0.202719   60.245951    0.132619
 8.36E-05   0.071528   96.657895
 0.75000    0.202719   86.243917    0.132619
 8.36E-05   0.219437   74.080478
 1.00000    0.202719  113.540519    0.132619
 8.36E-05   0.415785   19.629009

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T         M2          M3
 0.00000   -0.186836 -112.367756   -0.164758
-0.001164   -0.429274   -76.975438
 0.25000   -0.186836   -85.133546   -0.164758
-0.001164   -0.225769   -29.668319
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0.50000    -0.186836   -59.127604    -0.164758
-0.001164   -0.048735   -29.405726
0.75000    -0.186836   -31.379253    -0.164758
-0.001164   -0.184181   -30.058796
1.00000    -0.186836   -10.359027    -0.164758
-0.001164   -0.348061   -77.938827

COMB DB-G3-3 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.232064    8.593488    0.150384
0.000433    0.370596   23.020124
0.25000    0.232064   23.079467    0.150384
 0.000433    0.193351   58.722713
0.50000    0.232064   42.123806    0.150384
 0.000433    0.068088   72.018915
0.75000    0.232064   59.963586    0.150384
 0.000433    0.270078   56.094770
1.00000    0.232064   78.694490    0.150384
 0.000433    0.516376   18.490380

COMB DB-G3-3 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.183100   -77.229135   -0.203632
-0.001148   -0.511508   -55.244290
0.25000   -0.183100   -58.541044   -0.203632
-0.001148   -0.260240   -22.826576
0.50000   -0.183100   -40.695790   -0.203632
-0.001148   -0.041206   -22.690858
0.75000   -0.183100   -21.854897   -0.203632
-0.001148   -0.201901   -23.183471
1.00000   -0.183100    -7.230837   -0.203632
-0.001148   -0.387703   -56.083182

COMB DB-G3-4 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.276149    7.378213    0.179266
0.000736    0.439247   21.498320
0.25000    0.276149   19.360310    0.179266
 0.000736    0.224857   50.732005
0.50000    0.276149   35.112860    0.179266
 0.000736    0.063647   61.475958
0.75000    0.276149   49.869059    0.179266
 0.000736    0.293656   48.096112
1.00000    0.276149   65.362351    0.179266
 0.000736    0.564763   16.843862
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4757

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.253526   -63.962238   -0.223006
-0.000956   -0.555227   -47.003449
0.25000   -0.253526   -48.504359   -0.223006
-0.000956   -0.280383   -20.189698
0.50000   -0.253526   -33.743633   -0.223006
-0.000956   -0.038521   -20.078057
0.75000   -0.253526   -17.993932   -0.223006
-0.000956   -0.237755   -18.486136
1.00000   -0.253526    -6.063052   -0.223006
-0.000956   -0.459227   -47.699790

COMB DL-G1-1 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.388667    0.350020    0.163592
0.000541    0.393524    3.882298
0.25000    0.388667    0.358105    0.163592
0.000541    0.190199    3.537052
0.50000    0.388667    0.377311    0.163592
0.000541    0.012994    3.185744
0.75000    0.388667    0.398210    0.163592
0.000541    0.225877    2.811656
1.00000    0.388667    0.416545    0.163592
0.000541    0.441308    2.429685

COMB DL-G1-1 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.240992   -0.246551   -0.174312
-2.11E-07   -0.420353   -3.468114
0.25000   -0.240992   -0.228217   -0.174312
-2.11E-07   -0.205018   -3.245732
0.50000   -0.240992   -0.207319   -0.174312
-2.11E-07   -0.009754   -3.050983
0.75000   -0.240992   -0.188129   -0.174312
-2.11E-07   -0.210701   -2.856361
1.00000   -0.240992   -0.180088   -0.174312
-2.11E-07   -0.414147   -2.699593

COMB DL-G1-2 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.500929    0.977124    0.259636
0.000937    0.622554    7.980074
0.25000    0.500929    1.211582    0.259636
0.000937    0.400299    7.922947
0.50000    0.500929    1.768542    0.259636
0.000937    0.026344    7.590506
0.75000    0.500929    2.374629    0.259636
0.000937    0.390648    6.518901
1.00000    0.500929    2.906337    0.259636
0.000937    0.758694    5.170886

COMB DL-G1-2 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.431656   -2.488785   -0.298257
-2.11E-07   -0.716144   -7.421917
0.25000   -0.431656   -1.957104   -0.298257
-2.11E-07   -0.348090   -6.293137
0.50000   -0.431656   -1.351065   -0.298257
-2.11E-07   -0.017891   -5.965677
0.75000   -0.431656   -0.794557   -0.298257
-2.11E-07   -0.336240   -5.641959
1.00000   -0.431656   -0.561351   -0.298257
-2.11E-07   -0.659118   -6.146619

COMB DL-G1-3 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.516794    1.306483    0.283233
0.001063    0.674465   12.443225
0.25000    0.516794    1.313760    0.283233
0.001063    0.323084   11.207459
0.50000    0.516794    1.331045    0.283233
0.001063    0.038886   10.027196
0.75000    0.516794    1.349854    0.283233
0.001063    0.466747    9.064213
1.00000    0.516794    1.366356    0.283233
0.001063    0.899319    8.217986
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4758

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.387263   -0.610278   -0.350766
-0.000182   -0.835444   -8.592456
0.25000   -0.387263   -0.593778   -0.350766
-0.000182   -0.402458   -8.160950
0.50000   -0.387263   -0.574970   -0.350766
-0.000182   -0.023929   -7.754364
0.75000   -0.387263   -0.557699   -0.350766
-0.000182   -0.370767   -7.347783
1.00000   -0.387263   -0.550462   -0.350766
-0.000182   -0.722831   -7.001947

COMB DL-G1-4 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.562468    7.036131    0.305706
0.000947    0.732910   19.332953
0.25000    0.562468   12.693452    0.305706
 0.000947    0.363401   35.209489
0.50000    0.562468   26.132516    0.305706
 0.000947    0.064350   43.684064
0.75000    0.562468   40.756972    0.305706
 0.000947    0.508554   32.720120
1.00000    0.562468   53.586709    0.305706
 0.000947    0.968192   14.567939

COMB DL-G1-4 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.419967   -52.619718   -0.379063
-0.000474   -0.916603   -39.457441
0.25000   -0.419967   -39.790629   -0.379063
-0.000474   -0.450663   -19.692624
0.50000   -0.419967   -25.167308   -0.379063
-0.000474   -0.038729   -19.266706
0.75000   -0.419967   -11.739172   -0.379063
-0.000474   -0.405990   -18.930804
1.00000   -0.419967    -6.112053   -0.379063
-0.000474   -0.785399   -38.108055

COMB DL-G2-1 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.104794    0.540830    0.093165
0.000409    0.220787    4.916861
0.25000    0.104794    0.548915    0.093165
0.000409    0.105511    4.467142
0.50000    0.104794    0.568120    0.093165
0.000409    0.015801    4.043815
0.75000    0.104794    0.589020    0.093165
0.000409    0.173170    3.641560
1.00000    0.104794    0.607354    0.093165
0.000409    0.331795    3.241866

COMB DL-G2-1 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.177790   -0.280548   -0.128675
-2.11E-06   -0.304615   -3.260798
0.25000   -0.177790   -0.262214   -0.128675
-2.11E-06   -0.146087   -3.091122
0.50000   -0.177790   -0.241316   -0.128675
-2.11E-06   -0.008766   -2.948988
0.75000   -0.177790   -0.222296   -0.128675
-2.11E-06   -0.122795   -2.806999
1.00000   -0.177790   -0.214084   -0.128675
-2.11E-06   -0.238031   -2.707914

COMB DL-G2-2 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.218282    9.357913    0.149050
0.000540    0.350461   17.501546
0.25000    0.218282   17.968198    0.149050
 0.000540    0.180770   42.946138
0.50000    0.218282   38.422078    0.149050
 0.000540    0.062276   57.078098
0.75000    0.218282   60.680092    0.149050
 0.000540    0.311309   41.196576
1.00000    0.218282   80.206595    0.149050
 0.000540    0.571955   14.243213
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4759

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.179715   -79.444588   -0.220802
-0.000182   -0.535018   -52.077151
0.25000   -0.179715   -59.919072   -0.220802
-0.000182   -0.266437   -22.362625
0.50000   -0.179715   -37.662786   -0.220802
-0.000182   -0.036740   -22.081238
0.75000   -0.179715   -17.225536   -0.220802
-0.000182   -0.212182   -21.933733
1.00000   -0.179715    -8.661218   -0.220802
-0.000182   -0.399156   -51.456096

COMB DL-G2-3 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.428316    8.743323    0.255377
0.000894    0.606519   19.044276
0.25000    0.428316   16.536238    0.255377
 0.000894    0.303515   41.768626
0.50000    0.428316   35.048440    0.255377
 0.000894    0.067089   54.262161
0.75000    0.428316   55.193510    0.255377
 0.000894    0.457652   39.587098
1.00000    0.428316   72.866370    0.255377
 0.000894    0.861340   14.892537

COMB DL-G2-3 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.338017   -72.025478   -0.335452
-0.000164   -0.810940   -49.941213
0.25000   -0.338017   -54.353511   -0.335452
-0.000164   -0.400166   -22.927087
0.50000   -0.338017   -34.210005   -0.335452
-0.000164   -0.040865   -22.551883
0.75000   -0.338017   -15.712854   -0.335452
-0.000164   -0.349424   -22.301219
1.00000   -0.338017    -7.961543   -0.335452
-0.000164   -0.666597   -48.896514

COMB DL-G2-4 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.469701    6.209666    0.298500
0.000749    0.718066   19.368476
0.25000    0.469701   10.908942    0.298500
 0.000749    0.356778   32.219909
0.50000    0.469701   22.072151    0.298500
 0.000749    0.062874   38.950600
0.75000    0.469701   34.220011    0.298500
 0.000749    0.501881   29.598506
1.00000    0.469701   44.877081    0.298500
 0.000749    0.961404   14.331582

COMB DL-G2-4 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.413698   -43.805085   -0.377621
-0.000695   -0.913229   -34.505324
0.25000   -0.413698   -33.148554   -0.377621
-0.000695   -0.449524   -18.069252
0.50000   -0.413698   -21.001637   -0.377621
-0.000695   -0.036474   -17.697163
0.75000   -0.413698    -9.847504   -0.377621
-0.000695   -0.392929   -17.399541
1.00000   -0.413698    -5.173916   -0.377621
-0.000695   -0.763228   -33.315432

COMB DL-G3-1 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.167550    0.793353    0.147823
6.52E-06    0.365717    7.049030
0.25000    0.167550    0.801438    0.147823
6.52E-06    0.183098    6.378451
0.50000    0.167550    0.820643    0.147823
6.52E-06    0.019892    5.742604
0.75000    0.167550    0.841543    0.147823
6.52E-06    0.216009    5.183684
1.00000    0.167550    0.859878    0.147823
6.52E-06    0.428250    4.670443
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4760

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.246763   -0.299462   -0.172109
-0.000889   -0.421095   -3.738691
0.25000   -0.246763   -0.281128   -0.172109
-0.000889   -0.209097   -3.615445
0.50000   -0.246763   -0.260230   -0.172109
-0.000889   -0.009757   -3.519448
0.75000   -0.246763   -0.241040   -0.172109
-0.000889   -0.181971   -3.423544
1.00000   -0.246763   -0.232998   -0.172109
-0.000889   -0.364754   -3.383669

COMB DL-G3-2 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.330863   13.011117    0.213316
 6.30E-05    0.522957   21.796396
0.25000    0.330863   25.235297    0.213316
 6.30E-05    0.279765   58.211576
0.50000    0.330863   54.274045    0.213316
 6.30E-05    0.076777   78.532995
0.75000    0.330863   85.874155    0.213316
 6.30E-05    0.356502   56.216451
1.00000    0.330863  113.596289    0.213316
 6.30E-05    0.669345   18.141793

COMB DL-G3-2 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.326024  -112.646090   -0.266531
-0.001047   -0.667729   -71.334984
0.25000   -0.326024   -84.925358   -0.266531
-0.001047   -0.343216   -29.366761
0.50000   -0.326024   -53.327701   -0.266531
-0.001047   -0.044497   -29.148561
0.75000   -0.326024   -24.312563   -0.266531
-0.001047   -0.288606   -29.123908
1.00000   -0.326024   -12.153644   -0.266531
-0.001047   -0.552246   -71.206905

COMB DL-G3-3 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.334001   10.101553    0.253133
 0.000340    0.612937   22.562095
0.25000    0.334001   18.913149    0.253133
 0.000340    0.314652   48.151508
0.50000    0.334001   39.845247    0.253133
 0.000340    0.076219   62.194169
0.75000    0.334001   62.623660    0.253133
 0.000340    0.444620   45.572366
1.00000    0.334001   82.606698    0.253133
 0.000340    0.845269   17.666042

COMB DL-G3-3 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.331436   -81.420389   -0.332962
-0.001055   -0.814694   -55.419721
0.25000   -0.331436   -61.438361   -0.332962
-0.001055   -0.407808   -24.983583
0.50000   -0.331436   -38.661716   -0.332962
-0.001055   -0.043065   -24.668126
0.75000   -0.331436   -17.746653   -0.332962
-0.001055   -0.338477   -24.493345
1.00000   -0.331436    -8.982083   -0.332962
-0.001055   -0.651538   -54.696311

COMB DL-G3-4 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.425864    8.672757    0.303126
0.000633    0.731264   21.754917
0.25000    0.425864   15.985436    0.303126
 0.000633    0.366622   42.683824
0.50000    0.425864   33.356930    0.303126
 0.000633    0.073056   54.042338
0.75000    0.425864   52.260467    0.303126
 0.000633    0.517059   39.994612
1.00000    0.425864   68.844243    0.303126
 0.000633    0.986115   16.596876
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4761

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.443392   -67.691844   -0.388184
-0.000879   -0.944546   -48.429158
0.25000   -0.443392   -51.108906   -0.388184
-0.000879   -0.468669   -23.067540
0.50000   -0.443392   -32.206736   -0.388184
-0.000879   -0.042169   -22.707569
0.75000   -0.443392   -14.849467   -0.388184
-0.000879   -0.401425   -22.460509
1.00000   -0.443392    -7.575827   -0.388184
-0.000879   -0.776985   -47.426468

COMB      DB ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.311230   11.382118    0.179266
 0.001182    0.439247   23.111363
0.25000    0.311230   32.492579    0.179266
 0.001182    0.224857   76.311047
0.50000    0.311230   60.245951    0.179266
 0.001182    0.071528   96.657895
0.75000    0.311230   86.243917    0.179266
 0.001182    0.293656   74.080478
1.00000    0.311230  113.540519    0.179266
 0.001182    0.564763   19.629009

COMB      DB ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.301544  -112.367756   -0.223006
-0.001164   -0.555227   -76.975438
0.25000   -0.301544   -85.133546   -0.223006
-0.001164   -0.280383   -29.668319
0.50000   -0.301544   -59.127604   -0.223006
-0.001164   -0.048735   -29.405726
0.75000   -0.301544   -31.379253   -0.223006
-0.001164   -0.237755   -30.058796
1.00000   -0.301544   -10.359027   -0.223006
-0.001164   -0.459227   -77.938827

COMB      DL ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.562468   13.011117    0.305706
 0.001063    0.732910   22.562095
0.25000    0.562468   25.235297    0.305706
 0.001063    0.368622   58.211576
0.50000    0.562468   54.274045    0.305706
 0.001063    0.076777   78.532995
0.75000    0.562468   85.874155    0.305706
 0.001063    0.517059   56.216451
1.00000    0.562468  113.596289    0.305706
 0.001063    0.986115   18.141793

COMB      DL ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.443392  -112.646090   -0.388184
-0.001055   -0.944546   -71.334984
0.25000   -0.443392   -84.925358   -0.388184
-0.001055   -0.468669   -29.366761
0.50000   -0.443392   -53.327701   -0.388184
-0.001055   -0.044497   -29.148561
0.75000   -0.443392   -24.312563   -0.388184
-0.001055   -0.405990   -29.123908
1.00000   -0.443392   -12.153644   -0.388184
-0.001055   -0.785399   -71.206905

COMB      CAR ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.562468   13.011117    0.305706
 0.001182    0.732910   23.111363
0.25000    0.562468   32.492579    0.305706
 0.001182    0.368622   76.311047
0.50000    0.562468   60.245951    0.305706
 0.001182    0.076777   96.657895
0.75000    0.562468   86.243917    0.305706
 0.001182    0.517059   74.080478
1.00000    0.562468  113.596289    0.305706
 0.001182    0.986115   19.629009
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4762

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.443392  -112.646090   -0.388184
-0.001164   -0.944546   -76.975438
0.25000   -0.443392   -85.133546   -0.388184
-0.001164   -0.468669   -29.668319
0.50000   -0.443392   -59.127604   -0.388184
-0.001164   -0.048735   -29.405726
0.75000   -0.443392   -31.379253   -0.388184
-0.001164   -0.405990   -30.058796
1.00000   -0.443392   -12.153644   -0.388184
-0.001164   -0.785399   -77.938827

COMB    DESIGN ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.562468   13.011117    0.305706
 0.001182    0.732910   23.111363
0.25000    0.562468   32.492579    0.305706
 0.001182    0.368622   76.311047
0.50000    0.562468   60.245951    0.305706
 0.001182    0.076777   96.657895
0.75000    0.562468   86.243917    0.305706
 0.001182    0.517059   74.080478
1.00000    0.562468  113.596289    0.305706
 0.001182    0.986115   19.629009

COMB    DESIGN ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.443392  -112.646090   -0.388184
-0.001164   -0.944546   -76.975438
0.25000   -0.443392   -85.133546   -0.388184
-0.001164   -0.468669   -29.668319
0.50000   -0.443392   -59.127604   -0.388184
-0.001164   -0.048735   -29.405726
0.75000   -0.443392   -31.379253   -0.388184
-0.001164   -0.405990   -30.058796
1.00000   -0.443392   -12.153644   -0.388184
-0.001164   -0.785399   -77.938827

ELEM      464 ================== LENGTH
=    4.943351

COMB DB-G1-1 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.182750    0.265458    0.105838
0.000655    0.255590    1.767434
0.25000    0.182750    0.289402    0.105838
0.000655    0.124831    1.548474
0.50000    0.182750    0.320858    0.105838
0.000655    0.004921    1.397783
0.75000    0.182750    0.350282    0.105838
0.000655    0.121064    1.037773
1.00000    0.182750    0.381450    0.105838
0.000655    0.239457    0.764738

COMB DB-G1-1 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.193105   -0.221446   -0.095815
-4.52E-07   -0.234221   -1.933393
0.25000   -0.193105   -0.190651   -0.095815
-4.52E-07   -0.115805   -1.808556
0.50000   -0.193105   -0.161180   -0.095815
-4.52E-07   -0.007552   -1.885373
0.75000   -0.193105   -0.129788   -0.095815
-4.52E-07   -0.136921   -1.889317
1.00000   -0.193105   -0.106113   -0.095815
-4.52E-07   -0.267723   -1.947942

COMB DB-G1-2 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.257257    0.926167    0.171009
0.001185    0.412630    4.336059
0.25000    0.257257    1.596600    0.171009
0.001185    0.201924    5.362117
0.50000    0.257257    2.477357    0.171009
0.001185    0.012486    5.447525
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          4763

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST        P           V2          V3
         T          M2          M3
0.75000    0.257257    3.301227    0.171009
0.001185    0.213009    4.237182
1.00000    0.257257    4.173942    0.171009
0.001185    0.419402    2.378401

COMB DB-G1-2 ------------------- MIN

REL DIST        P           V2          V3
         T          M2          M3
0.00000   -0.305567   -3.730236   -0.167407
-1.90E-06   -0.408982   -5.780564
0.25000   -0.305567   -2.867980   -0.167407
-1.90E-06   -0.202137   -4.317617
0.50000   -0.305567   -2.042796   -0.167407
-1.90E-06   -0.014319   -4.337018
0.75000   -0.305567   -1.163798   -0.167407
-1.90E-06   -0.222052   -4.375106
1.00000   -0.305567   -0.500897   -0.167407
-1.90E-06   -0.433325   -5.931982

COMB DB-G1-3 ------------------- MAX

REL DIST        P           V2          V3
         T          M2          M3
0.00000    0.286996    1.099868    0.180314
0.001382    0.434361    7.371000
0.25000    0.286996    1.121418    0.180314
0.001382    0.211615    6.306722
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0.50000	0.286996	1.149728	0.180314
0.001382	0.019638	5.403630	
0.75000	0.286996	1.176210	0.180314
0.001382	0.280229	4.759216	
1.00000	0.286996	1.204261	0.180314
0.001382	0.552375	4.331318	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276747	-0.400004	-0.220313
-4.07E-07	-0.537150	-4.959700	
0.25000	-0.276747	-0.372289	-0.220313
-4.07E-07	-0.264994	-5.037371	
0.50000	-0.276747	-0.345765	-0.220313
-4.07E-07	-0.017937	-5.163753	
0.75000	-0.276747	-0.317512	-0.220313
-4.07E-07	-0.234321	-5.291207	
1.00000	-0.276747	-0.296204	-0.220313
-4.07E-07	-0.457121	-5.467541	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311822	7.199984	0.191288
0.001146	0.460635	16.098407	
0.25000	0.311822	19.896315	0.191288
0.001146	0.234312	47.395258	
0.50000	0.311822	36.575652	0.191288
0.001146	0.048480	59.048738	
0.75000	0.311822	52.179494	0.191288
0.001146	0.319193	43.616267	
1.00000	0.311822	68.704734	0.191288
0.001146	0.615438	12.529895	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.295639	-67.628362	-0.246015
-0.000432	-0.614111	-49.838916	
0.25000	-0.295639	-51.299384	-0.246015
-0.000432	-0.310180	-21.528671	
0.50000	-0.295639	-35.672469	-0.246015
-0.000432	-0.042544	-21.267688	
0.75000	-0.295639	-19.026441	-0.246015
-0.000432	-0.258494	-21.351411	
1.00000	-0.295639	-6.472752	-0.246015
-0.000432	-0.494844	-50.195150	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069735	0.476233	0.061636
0.000562	0.148541	3.094831	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4764

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.069735	0.500177	0.061636
0.000562	0.072379	2.681235	
0.50000	0.069735	0.531633	0.061636
0.000562	0.008863	2.310181	
0.75000	0.069735	0.561057	0.061636
0.000562	0.107108	2.032085	
1.00000	0.069735	0.592225	0.061636
0.000562	0.210149	1.855550	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097644	-0.219875	-0.083496
-4.44E-06	-0.202846	-2.010780	
0.25000	-0.097644	-0.189080	-0.083496
-4.44E-06	-0.099764	-2.023018	
0.50000	-0.097644	-0.159609	-0.083496
-4.44E-06	-0.006721	-2.088253	
0.75000	-0.097644	-0.128216	-0.083496
-4.44E-06	-0.080181	-2.154196	
1.00000	-0.097644	-0.104541	-0.083496
-4.44E-06	-0.156344	-2.274378	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140539	8.956196	0.089355
0.000743	0.216803	16.340170	
0.25000	0.140539	26.339575	0.089355
0.000743	0.114036	60.054197	
0.50000	0.140539	49.176347	0.089355
0.000743	0.052082	76.705501	
0.75000	0.140539	70.538124	0.089355
0.000743	0.223752	56.067567	
1.00000	0.140539	93.166377	0.089355
0.000743	0.421470	13.867316	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.113560	-92.262338	-0.168533
-3.93E-05	-0.429875	-64.438819	
0.25000	-0.113560	-69.905264	-0.168533
-3.93E-05	-0.221742	-25.574550	
0.50000	-0.113560	-48.509432	-0.168533
-3.93E-05	-0.044212	-25.113137	
0.75000	-0.113560	-25.718265	-0.168533
-3.93E-05	-0.183979	-25.123020	
1.00000	-0.113560	-8.530187	-0.168533
-3.93E-05	-0.244370	-64.509854	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.254250	8.299136	0.160861
0.001190	0.383892	16.231867	
0.25000	0.254250	24.008826	0.160861
0.001190	0.197434	55.514323	
0.50000	0.254250	44.646851	0.160861
0.001190	0.051384	70.349434	
0.75000	0.254250	63.951895	0.160861
0.001190	0.292640	51.492765	
1.00000	0.254250	84.401477	0.160861
0.001190	0.559823	13.147845	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.229496	-83.450757	-0.223918
-3.55E-05	-0.563543	-59.723410	
0.25000	-0.229496	-63.246244	-0.223918
-3.55E-05	-0.286927	-24.611752	
0.50000	-0.229496	-43.910424	-0.223918
-3.55E-05	-0.045749	-24.205739	
0.75000	-0.229496	-23.313613	-0.223918
-3.55E-05	-0.224758	-24.226432	
1.00000	-0.229496	-7.780420	-0.223918
-3.55E-05	-0.423458	-59.832824	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4765

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.288990	6.222692	0.188398
0.000996	0.456003	15.621619	
0.25000	0.288990	16.530605	0.188398
0.000996	0.231265	40.655226	
0.50000	0.288990	30.072244	0.188398
0.000996	0.045743	49.833944	
0.75000	0.288990	42.739248	0.188398
0.000996	0.309295	37.125945	
1.00000	0.288990	56.157241	0.188398
0.000996	0.598024	11.792324	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265266	-54.973720	-0.238798
-0.000719	-0.593489	-41.662258	
0.25000	-0.265266	-41.716529	-0.238798
-0.000719	-0.298493	-18.757111	
0.50000	-0.265266	-29.029331	-0.238798
-0.000719	-0.038348	-18.624122	
0.75000	-0.265266	-15.514734	-0.238798
-0.000719	-0.250524	-18.771255	
1.00000	-0.265266	-5.322630	-0.238798
-0.000719	-0.483303	-42.268010	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.125435	0.704960	0.096906
8.69E-06	0.240889	4.815067	
0.25000	0.125435	0.728904	0.096906
8.69E-06	0.121142	4.192475	
0.50000	0.125435	0.760360	0.096906
8.69E-06	0.011733	3.632110	
0.75000	0.125435	0.789184	0.096906
8.69E-06	0.110379	3.209376	
1.00000	0.125435	0.820952	0.096906
8.69E-06	0.223466	2.911950	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.119988	-0.236634	-0.091520
-0.001108	-0.228978	-2.523554	
0.25000	-0.119988	-0.205840	-0.091520
-0.001108	-0.115869	-2.629039	
0.50000	-0.119988	-0.176369	-0.091520
-0.001108	-0.007721	-2.787436	
0.75000	-0.119988	-0.144976	-0.091520
-0.001108	-0.118465	-2.946483	
1.00000	-0.119988	-0.121301	-0.091520
-0.001108	-0.238167	-3.159769	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204861	10.879796	0.131743
8.89E-05	0.321428	19.626309	
0.25000	0.204861	32.046334	0.131743
8.89E-05	0.175343	72.333520	
0.50000	0.204861	59.853093	0.131743
8.89E-05	0.061246	93.258776	
0.75000	0.204861	85.863852	0.131743
8.89E-05	0.216387	68.106207	
1.00000	0.204861	113.416711	0.131743
8.89E-05	0.407506	16.634664	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185269	-112.333817	-0.166233
-0.001341	-0.443509	-77.948058	
0.25000	-0.185269	-85.111153	-0.166233
-0.001341	-0.230476	-30.677591	
0.50000	-0.185269	-59.058929	-0.166233
-0.001341	-0.051306	-30.167730	
0.75000	-0.185269	-31.307701	-0.166233
-0.001341	-0.164135	-30.231777	
1.00000	-0.185269	-10.378966	-0.166233
-0.001341	-0.346053	-78.242416	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4766

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232407	8.169148	0.156007
0.000495	0.379559	18.498006	
0.25000	0.232407	22.693607	0.156007
0.000495	0.198140	54.365662	
0.50000	0.232407	41.774580	0.156007
0.000495	0.055074	67.731599	
0.75000	0.232407	59.623139	0.156007
0.000495	0.279597	50.112264	
1.00000	0.232407	78.529886	0.156007
0.000495	0.537087	14.603362	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182056	-77.192767	-0.217147
-0.001162	-0.551556	-56.094636	
0.25000	-0.182056	-58.512600	-0.217147
-0.001162	-0.228310	-23.834342	
0.50000	-0.182056	-40.635587	-0.217147
-0.001162	-0.043979	-23.561038	
0.75000	-0.182056	-21.592719	-0.217147
-0.001162	-0.210109	-23.731519	
1.00000	-0.182056	-7.231440	-0.217147
-0.001162	-0.402819	-56.802907	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277582	7.004643	0.192241
0.000864	0.468482	16.870046	
0.25000	0.277582	19.018569	0.192241
0.000864	0.238340	46.263446	
0.50000	0.277582	34.801421	0.192241
0.000864	0.050001	57.092795	
0.75000	0.277582	49.564880	0.192241
0.000864	0.308280	42.350483	
1.00000	0.277582	65.203621	0.192241
0.000864	0.596127	12.870191	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00001	-0.253811	-63.916898	-0.240223
-0.000968	-0.604001	-47.722990	
0.25000	-0.253811	-48.465373	-0.240223
-0.000968	-0.307212	-21.019293	
0.50000	-0.253811	-33.678378	-0.240223
-0.000968	-0.041279	-20.856466	
0.75000	-0.253811	-17.927045	-0.240223
-0.000968	-0.255619	-21.019720	
1.00000	-0.253811	-6.048094	-0.240223
-0.000968	-0.493153	-48.397117	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.368308	0.333756	0.190836
0.000658	0.461071	2.492379	
0.25000	0.368308	0.342103	0.190836
0.000658	0.224317	2.189187	
0.50000	0.368308	0.361344	0.190836
0.000658	0.007299	1.913366	
0.75000	0.368308	0.382253	0.190836
0.000658	0.249764	1.708495	
1.00000	0.368308	0.400531	0.190836
0.000658	0.492954	1.542044	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.255336	-0.221669	-0.196705
-2.71E-07	-0.479611	-2.752190	
0.25000	-0.255336	-0.203300	-0.196705
-2.71E-07	-0.236416	-2.619045	
0.50000	-0.255336	-0.182372	-0.196705
-2.71E-07	-0.000966	-2.547340	
0.75000	-0.255336	-0.163186	-0.196705
-2.71E-07	-0.245067	-2.564419	
1.00000	-0.255336	-0.155227	-0.196705
-2.71E-07	-0.481144	-2.655308	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4767

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.482927	0.965782	0.304412
0.001175	0.734025	5.275116	
0.25000	0.482927	1.207827	0.304412
0.001175	0.355929	5.281501	
0.50000	0.482927	1.765811	0.304412
0.001175	0.015929	5.080758	
0.75000	0.482927	2.372184	0.304412
0.001175	0.439204	4.313306	
1.00000	0.482927	2.902235	0.304412
0.001175	0.864477	3.385785	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447548	-2.446349	-0.344260
-1.29E-06	-0.837981	-6.228041	
0.25000	-0.447548	-1.913651	-0.344260
-1.29E-06	-0.412616	-5.285800	
0.50000	-0.447548	-1.306742	-0.344260
-1.29E-06	-0.017826	-5.215273	
0.75000	-0.447548	-0.750345	-0.344260
-1.29E-06	-0.392193	-5.312488	
1.00000	-0.447548	-0.519535	-0.344260
-1.29E-06	-0.769346	-6.335043	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.496914	1.330131	0.341649
0.001288	0.819398	8.320539	
0.25000	0.496914	1.337643	0.341649
0.001288	0.395251	7.175428	
0.50000	0.496914	1.354960	0.341649
0.001288	0.023880	6.259628	
0.75000	0.496914	1.373778	0.341649
0.001288	0.533079	5.786672	
1.00000	0.496914	1.390228	0.341649
0.001288	1.046086	5.576125	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.402843	-0.564323	-0.415217
-6.80E-06	-1.007492	-7.090853	
0.25000	-0.402843	-0.547791	-0.415217
-6.80E-06	-0.494825	-6.960600	
0.50000	-0.402843	-0.529356	-0.415217
-6.80E-06	-0.024066	-7.032913	
0.75000	-0.402843	-0.511689	-0.415217
-6.80E-06	-0.443005	-7.347352	
1.00000	-0.402843	-0.504526	-0.415217
-6.80E-06	-0.865920	-7.900354	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.550135	6.888005	0.355255
0.001068	0.854526	14.646848	
0.25000	0.550135	12.728387	0.355255
0.001068	0.423308	30.553961	
0.50000	0.550135	26.192147	0.355255
0.001068	0.046985	39.128446	
0.75000	0.550135	40.823514	0.355255
0.001068	0.565148	28.479477	
1.00000	0.550135	53.613263	0.355255
0.001068	1.097332	11.068625	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.430296	-52.435733	-0.437394
-0.000401	-0.812468	-38.138436	
0.25000	-0.430296	-39.582097	-0.437394
-0.000401	-0.535576	-18.857259	
0.50000	-0.430296	-24.937790	-0.437394
-0.000401	-0.039720	-18.816329	
0.75000	-0.430296	-11.512324	-0.437394
-0.000401	-0.467875	-19.109298	
1.00000	-0.430296	-5.384492	-0.437394
-0.000401	-0.707397	-39.393914	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4768

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.106770	0.567195	0.112834
0.000506	0.270040	3.280007	
0.25000	0.106770	0.575541	0.112834
0.000506	0.130013	2.853506	
0.50000	0.106770	0.594782	0.112834
0.000506	0.010173	2.526695	
0.75000	0.106770	0.615691	0.112834
0.000506	0.202107	2.315114	
1.00000	0.106770	0.633969	0.112834
0.000506	0.395539	2.174540	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176649	-0.268546	-0.156652
-2.38E-06	-0.379223	-2.735321	
0.25000	-0.176649	-0.250177	-0.156652
-2.38E-06	-0.216326	-2.689521	
0.50000	-0.176649	-0.229249	-0.156652
-2.38E-06	-0.008723	-2.742939	
0.75000	-0.176649	-0.210063	-0.156652
-2.38E-06	-0.146592	-2.891553	
1.00000	-0.176649	-0.202104	-0.156652
-2.38E-06	-0.286896	-3.161402	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.216313	9.112456	0.182942
0.000634	0.432906	14.280501	
0.25000	0.216313	18.001354	0.182942
0.000634	0.220787	39.682908	
0.50000	0.216313	38.492822	0.182942
0.000634	0.050231	53.690777	
0.75000	0.216313	60.761356	0.182942
0.000634	0.354896	37.824628	
1.00000	0.216313	80.226997	0.182942
0.000634	0.670686	11.408506	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180971	-79.208994	-0.266356
-3.89E-05	-0.658962	-51.509643	
0.25000	-0.180971	-59.646118	-0.266356
-3.89E-05	-0.333083	-22.169118	
0.50000	-0.180971	-37.357891	-0.266356
-3.89E-05	-0.037770	-21.998530	
0.75000	-0.180971	-16.924706	-0.266356
-3.89E-05	-0.255538	-22.107663	
1.00000	-0.180971	-8.448418	-0.266356
-3.89E-05	-0.481948	-52.477137	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.418252	8.512531	0.306172
0.001100	0.731240	14.975157	
0.25000	0.418252	16.557360	0.306172
0.001100	0.364513	37.694875	
0.50000	0.418252	35.103581	0.306172
0.001100	0.051713	50.134242	
0.75000	0.418252	55.258172	0.306172
0.001100	0.517233	35.605228	
1.00000	0.418252	72.875949	0.306172
0.001100	0.993991	11.572624	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.348831	-71.794785	-0.395297
-3.52E-05	-0.972064	-48.984697	
0.25000	-0.348831	-54.089004	-0.395297
-3.52E-05	-0.486297	-22.349067	
0.50000	-0.348831	-33.916589	-0.395297
-3.52E-05	-0.041767	-22.144834	
0.75000	-0.348831	-15.423118	-0.395297
-3.52E-05	-0.412101	-22.370886	
1.00000	-0.348831	-7.751480	-0.395297
-3.52E-05	-0.791075	-49.920289	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4769

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.469648	6.114077	0.340119
0.000921	0.820556	14.395688	
0.25000	0.469648	10.965412	0.340119
0.000921	0.406954	27.286951	
0.50000	0.469648	22.149135	0.340119
0.000921	0.045120	34.185290	
0.75000	0.469648	34.302736	0.340119
0.000921	0.554312	25.217037	
1.00000	0.469648	44.926590	0.340119
0.000921	1.078395	10.721813	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.414691	-43.651583	-0.430375
-0.000678	-1.056226	-33.375412	
0.25000	-0.414691	-32.974661	-0.430375
-0.000678	-0.526550	-17.357945	
0.50000	-0.414691	-20.810312	-0.430375
-0.000678	-0.037355	-17.439517	
0.75000	-0.414691	-9.658397	-0.430375
-0.000678	-0.443595	-17.594363	
1.00000	-0.414691	-5.032254	-0.430375
-0.000678	-0.865295	-35.026326	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.180780	0.850507	0.145902
7.13E-06	0.362078	4.670896	
0.25000	0.180780	0.858853	0.145902
7.13E-06	0.181743	4.033546	
0.50000	0.180780	0.878094	0.145902
7.13E-06	0.012127	3.590529	
0.75000	0.180780	0.899503	0.145902
7.13E-06	0.213164	3.298389	
1.00000	0.180780	0.917281	0.145902
7.13E-06	0.428331	3.125358	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.227169	-0.284666	-0.174235
-0.001109	-0.432572	-3.362023	
0.25000	-0.227169	-0.266297	-0.174235
-0.001109	-0.217725	-3.427879	
0.50000	-0.227169	-0.245369	-0.174235
-0.001109	-0.010066	-3.687584	
0.75000	-0.227169	-0.226183	-0.174235
-0.001109	-0.179190	-4.060870	
1.00000	-0.227169	-0.218224	-0.174235
-0.001109	-0.359429	-4.585139	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.344475	12.672060	0.217230
6.75E-05	0.530680	18.137389	
0.25000	0.344475	25.291791	0.217230
6.75E-05	0.282553	54.245369	
0.50000	0.344475	54.383903	0.217230
6.75E-05	0.063136	74.589032	
0.75000	0.344475	85.998948	0.217230
6.75E-05	0.357360	52.170188	
1.00000	0.344475	113.634676	0.217230
6.75E-05	0.680849	14.688324	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.307787	-112.324094	-0.276734
-0.001282	-0.768282	-71.211288	
0.25000	-0.307787	-84.550321	-0.276734
-0.001282	-0.365515	-29.668000	
0.50000	-0.307787	-52.907318	-0.276734
-0.001282	-0.046404	-29.567569	
0.75000	-0.307787	-23.897951	-0.276734
-0.001282	-0.293982	-29.765459	
1.00000	-0.307787	-11.864008	-0.276734
-0.001282	-0.562013	-72.798237	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4770

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.345203	9.894288	0.275580
0.000384	0.667362	17.684946	
0.25000	0.345203	18.991010	0.275580
0.000384	0.341123	43.249805	
0.50000	0.345203	39.961574	0.275580
0.000384	0.058780	57.314211	
0.75000	0.345203	62.750753	0.275580
0.000384	0.473727	40.886780	
1.00000	0.345203	82.671506	0.275580
0.000384	0.914016	13.749421	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314731	-81.174675	-0.367419
-0.001119	-0.914426	-54.716631	
0.25000	-0.314731	-61.154414	-0.367419
-0.001119	-0.463980	-24.792559	
0.50000	-0.314731	-38.345082	-0.367419
-0.001119	-0.044464	-24.851246	
0.75000	-0.314731	-17.434163	-0.367419

-0.001119	-0.365815	-25.267044	
1.00000	-0.314731	-8.759697	-0.367419
-0.001119	-0.706945	-56.735868	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.433431	8.502468	0.337694
0.000773	0.816530	16.651852	
0.25000	0.433431	16.051771	0.337694
0.000773	0.412365	37.586796	
0.50000	0.433431	33.455088	0.337694
0.000773	0.054808	49.015157	
0.75000	0.433431	52.367660	0.337694
0.000773	0.558984	35.244498	
1.00000	0.433431	68.899747	0.337694
0.000773	1.084845	12.645509	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.434068	-67.475399	-0.434767
-0.000932	-1.074602	-47.474616	
0.25000	-0.434068	-50.860731	-0.434767
-0.000932	-0.540435	-22.594364	
0.50000	-0.434068	-31.931434	-0.434767
-0.000932	-0.043209	-22.629520	
0.75000	-0.434068	-14.577617	-0.434767
-0.000932	-0.443904	-23.022926	
1.00000	-0.434068	-7.378741	-0.434767
-0.000932	-0.861663	-49.227176	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311822	10.879796	0.192241
0.001382	0.466482	19.626309	
0.25000	0.311822	32.046334	0.192241
0.001382	0.238340	72.933520	
0.50000	0.311822	59.853093	0.192241
0.001382	0.061246	93.258776	
0.75000	0.311822	85.863852	0.192241
0.001382	0.319193	68.106207	
1.00000	0.311822	113.416711	0.192241
0.001382	0.615438	16.634664	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.305567	-112.333817	-0.246015
-0.001341	-0.614111	-77.948058	
0.25000	-0.305567	-85.111153	-0.246015
-0.001341	-0.310180	-30.677591	
0.50000	-0.305567	-59.058929	-0.246015
-0.001341	-0.051306	-30.167730	
0.75000	-0.305567	-31.307701	-0.246015
-0.001341	-0.258494	-30.231777	
1.00000	-0.305567	-10.378966	-0.246015
-0.001341	-0.494844	-78.242416	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.550135	12.672060	0.355255
0.001288	0.854526	18.137389	
0.25000	0.550135	25.291791	0.355255
0.001288	0.423308	54.465763	
0.50000	0.550135	54.383903	0.355255
0.001288	0.063136	74.589032	
0.75000	0.550135	85.998948	0.355255
0.001288	0.565148	52.170188	
1.00000	0.550135	113.634676	0.355255
0.001288	1.097332	14.688324	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447548	-112.324094	-0.437394
-0.001282	-1.074602	-71.211288	
0.25000	-0.447548	-84.550321	-0.437394
-0.001282	-0.540435	-29.668000	
0.50000	-0.447548	-52.907318	-0.437394
-0.001282	-0.046404	-29.567569	
0.75000	-0.447548	-23.897951	-0.437394
-0.001282	-0.467875	-29.765459	
1.00000	-0.447548	-11.864008	-0.437394
-0.001282	-0.907397	-72.798237	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.550135	12.672060	0.355255
0.001382	0.854526	19.626309	
0.25000	0.550135	32.046334	0.355255
0.001382	0.423308	72.933520	
0.50000	0.550135	59.853093	0.355255
0.001382	0.063136	93.258776	
0.75000	0.550135	85.998948	0.355255
0.001382	0.565148	68.106207	
1.00000	0.550135	113.634676	0.355255
0.001382	1.097332	16.634664	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447548	-112.333817	-0.437394
-0.001341	-1.074602	-77.948058	
0.25000	-0.447548	-85.111153	-0.437394
-0.001341	-0.540435	-30.677591	
0.50000	-0.447548	-59.058929	-0.437394
-0.001341	-0.051306	-30.167730	
0.75000	-0.447548	-31.307701	-0.437394
-0.001341	-0.467875	-30.231777	
1.00000	-0.447548	-11.864008	-0.437394
-0.001341	-0.907397	-78.242416	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.550135	12.672060	0.355255
0.001382	0.854526	19.626309	
0.25000	0.550135	32.046334	0.355255
0.001382	0.423308	72.933520	
0.50000	0.550135	59.853093	0.355255
0.001382	0.063136	93.258776	
0.75000	0.550135	85.998948	0.355255
0.001382	0.565148	68.106207	
1.00000	0.550135	113.634676	0.355255
0.001382	1.097332	16.634664	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447548	-112.333817	-0.437394
-0.001341	-1.074602	-77.948058	
0.25000	-0.447548	-85.111153	-0.437394
-0.001341	-0.540435	-30.677591	
0.50000	-0.447548	-59.058929	-0.437394
-0.001341	-0.051306	-30.167730	
0.75000	-0.447548	-31.307701	-0.437394
-0.001341	-0.467875	-30.231777	
1.00000	-0.447548	-11.864008	-0.437394
-0.001341	-0.907397	-78.242416	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 465 ========== LENGTH = 4.943558

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186568	0.221741	0.118311
0.000640	0.290221	0.792458	
0.25000	0.186568	0.246559	0.118311
0.000640	0.143999	0.787974	
0.50000	0.186568	0.278792	0.118311
0.000640	0.002323	0.779997	
0.75000	0.186568	0.305975	0.118311
0.000640	0.121287	0.732575	
1.00000	0.186568	0.341508	0.118311
0.000640	0.243118	0.667811	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197466	-0.252720	-0.098596
-3.79E-07	-0.244300	-1.981134	
0.25000	-0.197466	-0.222290	-0.098596
-3.79E-07	-0.122448	-1.795507	
0.50000	-0.197466	-0.192121	-0.098596
-3.79E-07	-0.003761	-1.658473	
0.75000	-0.197466	-0.160821	-0.098596
-3.79E-07	-0.148562	-1.524928	
1.00000	-0.197466	-0.139060	-0.098596
-3.79E-07	-0.294753	-1.454629	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.253041	0.838587	0.191330
0.001181	0.468481	2.425898	
0.25000	0.253041	1.533494	0.191330
0.001181	0.232406	3.582756	
0.50000	0.253041	2.436006	0.191330
0.001181	0.005100	3.943270	
0.75000	0.253041	3.197147	0.191330
0.001181	0.208277	3.089191	
1.00000	0.253041	4.192072	0.191330
0.001181	0.419013	1.661411	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.308637	-3.710632	-0.171031
-3.79E-07	-0.426624	-5.983629	
0.25000	-0.308637	-2.858586	-0.171031
-3.79E-07	-0.215276	-4.353182	
0.50000	-0.308637	-2.013837	-0.171031
-3.79E-07	-0.008720	-4.007865	
0.75000	-0.308637	-1.137440	-0.171031
-3.79E-07	-0.241671	-3.713574	
1.00000	-0.308637	-0.528141	-0.171031
-3.79E-07	-0.478014	-5.131155	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.265073	1.197646	0.208013
0.001448	0.503717	4.376270	
0.25000	0.265073	1.219982	0.208013
0.001448	0.246574	3.326749	
0.50000	0.265073	1.248992	0.208013
0.001448	0.006938	2.572867	
0.75000	0.265073	1.273457	0.208013
0.001448	0.267879	2.054629	
1.00000	0.265073	1.305437	0.208013
0.001448	0.542821	1.738824	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283127	-0.337216	-0.222503
-3.41E-07	-0.557283	-5.523054	
0.25000	-0.283127	-0.309829	-0.222503
-3.41E-07	-0.282307	-5.371478	
0.50000	-0.283127	-0.282677	-0.222503
-3.41E-07	-0.012575	-5.263692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.283127	-0.254507	-0.222503
-3.41E-07	-0.267521	-5.159949	
1.00000	-0.283127	-0.234922	-0.222503
-3.41E-07	-0.524615	-5.114648	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.293847	5.158470	0.212064
0.001200	0.519747	12.556603	
0.25000	0.293847	18.316279	0.212064
0.001200	0.264449	43.592560	
0.50000	0.293847	35.409598	0.212064
0.001200	0.030569	54.015341	
0.75000	0.293847	49.823703	0.212064
0.001200	0.293358	37.785921	
1.00000	0.293847	68.665098	0.212064
0.001200	0.585356	10.715149	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300700	-67.037027	-0.245591
-0.000392	-0.630235	-50.255973	
0.25000	-0.300700	-50.901408	-0.245591
-0.000392	-0.326725	-22.247614	
0.50000	-0.300700	-34.903963	-0.245591
-0.000392	-0.034226	-18.533722	
0.75000	-0.300700	-18.307201	-0.245591
-0.000392	-0.278104	-15.740230	
1.00000	-0.300700	-6.786609	-0.245591
-0.000392	-0.540161	-45.321480	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.047304	0.557477	0.069980
0.000598	0.169860	1.873650	
0.25000	0.047304	0.582295	0.069980
0.000598	0.083481	1.327713	
0.50000	0.047304	0.614527	0.069980
0.000598	0.002326	0.932323	
0.75000	0.047304	0.641711	0.069980
0.000598	0.098937	0.748033	
1.00000	0.047304	0.677244	0.069980
0.000598	0.202049	0.690364	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095498	-0.197088	-0.083460
-4.17E-06	-0.210701	-2.291184	
0.25000	-0.095498	-0.166657	-0.083460
-4.17E-06	-0.107568	-2.243214	
0.50000	-0.095498	-0.136488	-0.083460
-4.17E-06	-0.005331	-2.241782	
0.75000	-0.095498	-0.105188	-0.083460
-4.17E-06	-0.090332	-2.242920	
1.00000	-0.095498	-0.083427	-0.083460
-4.17E-06	-0.176692	-2.306741	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.110982	6.141099	0.105566
0.000830	0.255870	13.868722	
0.25000	0.110982	24.159055	0.105566
0.000830	0.134675	57.054905	
0.50000	0.110982	47.559899	0.105566
0.000830	0.085723	71.785747	
0.75000	0.110982	67.295194	0.105566
0.000830	0.195216	49.819723	
1.00000	0.110982	93.092183	0.105566
0.000830	0.384414	12.831142	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116028	-91.467207	-0.165842
-3.79E-07	-0.437414	-64.550875	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.116028	-69.374876	-0.165842
-3.79E-07	-0.232471	-26.313319	
0.50000	-0.116028	-47.471725	-0.165842
-3.79E-07	-0.036801	-21.334334	
0.75000	-0.116028	-24.749012	-0.165842
-3.79E-07	-0.151328	-17.613451	
1.00000	-0.116028	-8.949758	-0.165842
-3.79E-07	-0.281802	-58.217384	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228933	5.733729	0.184806
0.001257	0.450272	13.172707	
0.25000	0.228933	22.016898	0.184806
0.001257	0.230398	52.104666	
0.50000	0.228933	43.164686	0.184806
0.001257	0.034010	65.414939	
0.75000	0.228933	60.999847	0.184806
0.001257	0.267888	45.546145	
1.00000	0.228933	84.313076	0.184806
0.001257	0.530392	12.107895	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.234945	-82.728554	-0.223923
-3.41E-07	-0.578350	-59.893927	
0.25000	-0.234945	-62.763294	-0.223923
-3.41E-07	-0.301635	-25.255841	
0.50000	-0.234945	-42.969000	-0.223923
-3.41E-07	-0.036351	-20.674467	
0.75000	-0.234945	-22.433149	-0.223923
-3.41E-07	-0.249219	-17.230181	
1.00000	-0.234945	-8.155966	-0.223923
-3.41E-07	-0.477661	-53.844288	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269420	4.623660	0.204154
0.001052	0.501343	11.819750	
0.25000	0.269420	15.307861	0.204154
0.001052	0.254554	36.528363	
0.50000	0.269420	29.183981	0.204154
0.001052	0.026802	44.645184	
0.75000	0.269420	40.886522	0.204154
0.001052	0.282471	31.226871	
1.00000	0.269420	56.134597	0.204154
0.001052	0.566688	9.082912	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.268228	-54.427639	-0.237530
-0.000682	-0.608837	-42.312943	
0.25000	-0.268228	-41.327434	-0.237530
-0.000682	-0.315307	-19.629202	
0.50000	-0.268228	-28.339409	-0.237530
-0.000682	-0.032147	-16.667379	
0.75000	-0.268228	-14.864811	-0.237530
-0.000682	-0.296542	-14.451950	
1.00000	-0.268228	-5.496838	-0.237530
-0.000682	-0.517293	-38.521481	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.127207	0.767601	0.090633
1.13E-05	0.228289	2.929208	
0.25000	0.127207	0.792419	0.090633
1.13E-05	0.116285	2.205780	
0.50000	0.127207	0.824652	0.090633
1.13E-05	0.004059	1.533401	
0.75000	0.127207	0.851835	0.090633
1.13E-05	0.096089	0.999803	
1.00000	0.127207	0.887368	0.090633
1.13E-05	0.197706	0.888861	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116453	-0.216545	-0.082332
-0.001117	-0.209310	-3.150905	
0.25000	-0.116453	-0.186115	-0.082332
-0.001117	-0.107631	-3.176807	
0.50000	-0.116453	-0.155945	-0.082332
-0.001117	-0.009460	-3.248525	
0.75000	-0.116453	-0.124646	-0.082332
-0.001117	-0.107767	-3.321975	
1.00000	-0.116453	-0.122885	-0.082332
-0.001117	-0.219784	-3.456476	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.205372	7.376987	0.128147
0.000122	0.324313	16.631699	
0.25000	0.205372	29.318107	0.128147
0.000122	0.177279	69.409261	
0.50000	0.205372	57.811696	0.128147
0.000122	0.043886	87.395900	
0.75000	0.205372	81.842001	0.128147
0.000122	0.182722	60.649299	
1.00000	0.205372	113.253209	0.128147
0.000122	0.357103	15.718194	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.182851	-111.421996	-0.156631
-0.001240	-0.419462	-78.258179	
0.25000	-0.182851	-84.521692	-0.156631
-0.001240	-0.225956	-31.761604	
0.50000	-0.182851	-57.851740	-0.156631
-0.001240	-0.045075	-25.704482	
0.75000	-0.182851	-30.182646	-0.156631
-0.001240	-0.170018	-21.290341	
1.00000	-0.182851	-10.946204	-0.156631
-0.001240	-0.328404	-70.788536	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.208191	5.877215	0.161252
0.000571	0.399017	14.614251	
0.25000	0.208191	20.931887	0.161252
0.000571	0.207579	49.956151	
0.50000	0.208191	40.484163	0.161252
0.000571	0.034175	61.539343	
0.75000	0.208191	56.973736	0.161252
0.000571	0.244293	42.631196	
1.00000	0.208191	78.528079	0.161252
0.000571	0.489011	11.487341	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181943	-76.499395	-0.208688
-0.001134	-0.544274	-56.824862	
0.25000	-0.181943	-58.040430	-0.208688
-0.001134	-0.286447	-24.965691	
0.50000	-0.181943	-39.739533	-0.208688
-0.001134	-0.039662	-20.895158	
0.75000	-0.181943	-20.753026	-0.208688
-0.001134	-0.211963	-17.875630	
1.00000	-0.181943	-7.552997	-0.208688
-0.001134	-0.411335	-51.890795	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.257291	5.128080	0.204039
0.000926	0.502908	12.898601	
0.25000	0.257291	17.580572	0.204039
0.000926	0.257154	41.674494	
0.50000	0.257291	33.753263	0.204039
0.000926	0.029748	51.396850	
0.75000	0.257291	47.392636	0.204039
0.000926	0.277841	35.749881	
1.00000	0.257291	65.221339	0.204039
0.000926	0.557025	9.969458	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254416	-63.325829	-0.234721
-0.000945	-0.604716	-48.433146	
0.25000	-0.254416	-48.057472	-0.234721
-0.000945	-0.314684	-22.037495	
0.50000	-0.254416	-32.919860	-0.234721
-0.000945	-0.035841	-18.627620	
0.75000	-0.254416	-17.215124	-0.234721
-0.000945	-0.264482	-16.087384	
1.00000	-0.254416	-6.296724	-0.234721
-0.000945	-0.516672	-44.180847	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.364259	0.272085	0.208909
0.000649	0.514394	1.587468	
0.25000	0.364259	0.283237	0.208909
0.000649	0.255864	1.512363	
0.50000	0.364259	0.302959	0.208909
0.000649	0.002904	1.473152	
0.75000	0.364259	0.323922	0.208909
0.000649	0.244500	1.447728	
1.00000	0.364259	0.341322	0.208909
0.000649	0.492340	1.450503	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266303	-0.308370	-0.200560
-2.31E-07	-0.499188	-2.699129	
0.25000	-0.266303	-0.289536	-0.200560
-2.31E-07	-0.251341	-2.561544	
0.50000	-0.266303	-0.268262	-0.200560
-2.31E-07	-0.006672	-2.512652	
0.75000	-0.266303	-0.249219	-0.200560
-2.31E-07	-0.258761	-2.511440	
1.00000	-0.266303	-0.242420	-0.200560
-2.31E-07	-0.517170	-2.584302	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.443731	0.862803	0.335375
0.001188	0.823853	3.400110	
0.25000	0.443731	1.186232	0.335375
0.001188	0.408441	3.792982	
0.50000	0.443731	1.758438	0.335375
0.001188	0.006019	3.893407	
0.75000	0.443731	2.366096	0.335375
0.001188	0.429552	3.402672	
1.00000	0.443731	2.870677	0.335375
0.001188	0.865884	2.835761	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474912	-2.481414	-0.353262
-2.31E-07	-0.880786	-6.395912	
0.25000	-0.474912	-1.935297	-0.353262
-2.31E-07	-0.444051	-5.631923	
0.50000	-0.474912	-1.318300	-0.353262
-2.31E-07	-0.014881	-5.674529	
0.75000	-0.474912	-0.766034	-0.353262
-2.31E-07	-0.417605	-5.660660	
1.00000	-0.474912	-0.568860	-0.353262
-2.31E-07	-0.832699	-7.153364	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.448152	1.375147	0.385701
0.001361	0.941607	5.645721	
0.25000	0.448152	1.385184	0.385701
0.001361	0.463470	4.864930	
0.50000	0.448152	1.402942	0.385701
0.001361	0.010194	4.305404	
0.75000	0.448152	1.421801	0.385701
0.001361	0.520041	4.106021	
1.00000	0.448152	1.437460	0.385701
0.001361	1.049325	4.161684	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.436951	-0.474055	-0.428266
-6.64E-06	-1.068375	-7.957597	
0.25000	-0.436951	-0.457077	-0.428266
-6.64E-06	-0.539603	-8.255740	
0.50000	-0.436951	-0.437959	-0.428266
-6.64E-06	-0.023838	-8.772253	
0.75000	-0.436951	-0.420820	-0.428266
-6.64E-06	-0.484838	-9.478426	
1.00000	-0.436951	-0.414706	-0.428266
-6.64E-06	-0.962874	-10.435580	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.520673	4.843485	0.389832
0.001128	0.960815	11.113240	
0.25000	0.520673	12.647608	0.389832
0.001128	0.482250	27.796591	

0.50000	0.520673	26.454548	0.389832
0.001128	0.031338	35.893369	
0.75000	0.520673	41.116894	0.389832
0.001128	0.534265	24.824046	
1.00000	0.520673	53.292092	0.389832
0.001128	1.070121	9.908117	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.446964	-52.164202	-0.441686
-0.000381	-1.116325	-39.438925	
0.25000	-0.446964	-38.986774	-0.441686
-0.000381	-0.571446	-20.906690	
0.50000	-0.446964	-24.099072	-0.441686
-0.000381	-0.042231	-18.997796	
0.75000	-0.446964	-10.773259	-0.441686
-0.000381	-0.493618	-17.756158	
1.00000	-0.446964	-6.015598	-0.441686
-0.000381	-0.976287	-39.132105	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064966	0.635903	0.128030
0.000559	0.311636	2.202093	
0.25000	0.064966	0.647056	0.128030
0.000559	0.152660	1.853801	
0.50000	0.064966	0.686787	0.128030
0.000559	0.003593	1.597392	
0.75000	0.064966	0.687740	0.128030
0.000559	0.196583	1.461847	
1.00000	0.064966	0.705140	0.128030
0.000559	0.397834	1.463527	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193894	-0.193082	-0.162715
-2.31E-06	-0.406460	-3.173448	
0.25000	-0.193894	-0.174250	-0.162715
-2.31E-06	-0.205479	-3.383033	
0.50000	-0.193894	-0.152975	-0.162715
-2.31E-06	-0.010086	-3.680383	
0.75000	-0.193894	-0.133931	-0.162715
-2.31E-06	-0.161889	-4.082983	
1.00000	-0.193894	-0.127132	-0.162715
-2.31E-06	-0.320720	-4.633263	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.174533	6.010820	0.209072
0.000723	0.515070	11.427673	
0.25000	0.174533	17.888477	0.209072
0.000723	0.261986	37.602191	
0.50000	0.174533	38.902256	0.209072
0.000723	0.036480	50.472445	
0.75000	0.174533	61.217939	0.209072
0.000723	0.333057	33.641311	
1.00000	0.174533	79.748250	0.209072
0.000723	0.785388	10.677764	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4778

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.200864	-78.799848	-0.273256
-2.31E-07	-0.699262	-52.503841	
0.25000	-0.200864	-58.744170	-0.273256
-2.31E-07	-0.362646	-24.058422	
0.50000	-0.200864	-36.085503	-0.273256
-2.31E-07	-0.040910	-20.705903	
0.75000	-0.200864	-15.803986	-0.273256
-2.31E-07	-0.275925	-18.233970	
1.00000	-0.200864	-8.562958	-0.273256
-2.31E-07	-0.535247	-49.969417	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.364945	5.684406	0.343463
0.001155	0.845185	11.626185	
0.25000	0.364945	16.434523	0.343463
0.001155	0.425634	35.182770	
0.50000	0.364945	35.453472	0.343463
0.001155	0.035023	46.783025	
0.75000	0.364945	55.650737	0.343463
0.001155	0.494283	31.517605	
1.00000	0.364945	72.421974	0.343463
0.001155	0.981577	10.745174	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.379151	-71.461815	-0.405503
-2.08E-07	-1.026837	-49.979196	
0.25000	-0.379151	-53.310014	-0.405503
-2.08E-07	-0.652396	-24.171884	
0.50000	-0.379151	-32.802325	-0.405503
-2.08E-07	-0.042675	-21.107669	
0.75000	-0.379151	-14.446124	-0.405503
-2.08E-07	-0.441558	-18.873521	
1.00000	-0.379151	-7.892484	-0.405503
-2.08E-07	-0.866853	-47.641470	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.440375	4.462221	0.368269
0.000968	0.907549	10.751765	
0.25000	0.440375	10.944745	0.368269
0.000968	0.455387	24.321560	
0.50000	0.440375	22.413533	0.368269
0.000968	0.029646	30.848338	
0.75000	0.440375	34.592867	0.368269
0.000968	0.517968	21.546633	
1.00000	0.440375	44.706241	0.368269
0.000968	1.041666	9.159123	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.422467	-43.341370	-0.430735
-0.000682	-1.090581	-35.049363	
0.25000	-0.422467	-32.395490	-0.430735
-0.000682	-0.558654	-19.875713	
0.50000	-0.422467	-20.028964	-0.430735
-0.000682	-0.042915	-18.534376	
0.75000	-0.422467	-8.959826	-0.430735
-0.000682	-0.464655	-17.790794	
1.00000	-0.422467	-5.007856	-0.430735
-0.000682	-0.920661	-35.903667	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204687	0.881450	0.138882
9.12E-06	0.348326	3.109046	
0.25000	0.204687	0.892603	0.138882
9.12E-06	0.176864	2.648849	
0.50000	0.204687	0.912334	0.138882
9.12E-06	0.008684	2.295243	
0.75000	0.204687	0.933288	0.138882
9.12E-06	0.182852	2.089478	
1.00000	0.204687	0.950687	0.138882
9.12E-06	0.378946	2.022908	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4779

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195851	-0.207334	-0.158316
-0.001160	-0.405480	-4.542602	
0.25000	-0.195851	-0.188502	-0.158316
-0.001160	-0.209470	-4.949250	
0.50000	-0.195851	-0.167227	-0.158316
-0.001160	-0.017678	-5.472036	
0.75000	-0.195851	-0.148183	-0.158316
-0.001160	-0.166573	-6.092816	
1.00000	-0.195851	-0.141384	-0.158316
-0.001160	-0.338221	-6.863457	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.374259	8.170237	0.212735
8.36E-05	0.541657	14.661187	
0.25000	0.374259	25.033166	0.212735
8.36E-05	0.288390	52.094475	
0.50000	0.374259	54.866811	0.212735
8.36E-05	0.052294	70.567987	
0.75000	0.374259	86.548795	0.212735
8.36E-05	0.303931	46.776239	
1.00000	0.374259	112.856618	0.212735
8.36E-05	0.600267	14.212823	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.269665	-111.863861	-0.256567
-0.001294	-0.675239	-72.773598	
0.25000	-0.269665	-83.390448	-0.256567
-0.001294	-0.359041	-32.327964	
0.50000	-0.269665	-51.221523	-0.256567
-0.001294	-0.055388	-27.433243	
0.75000	-0.269665	-22.427482	-0.256567
-0.001294	-0.277275	-23.692930	
1.00000	-0.269665	-12.147263	-0.256567
-0.001294	-0.535191	-68.427979	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.343648	6.724278	0.287216
0.000455	0.715720	13.738468	
0.25000	0.343648	18.879638	0.287216
0.000455	0.367029	40.224302	
0.50000	0.343648	40.384725	0.287216
0.000455	0.044307	53.167040	
0.75000	0.343648	63.221155	0.287216
0.000455	0.423763	35.776748	
1.00000	0.343648	82.185710	0.287216
0.000455	0.848091	12.218856	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.296982	-80.710313	-0.355665
-0.001176	-0.915416	-56.714945	
0.25000	-0.296982	-60.185728	-0.355665
-0.001176	-0.476941	-27.926760	
0.50000	-0.296982	-36.997295	-0.355665
-0.001176	-0.054643	-24.884862	
0.75000	-0.296982	-16.241591	-0.355665
-0.001176	-0.366128	-22.777837	
1.00000	-0.296982	-8.831266	-0.355665
-0.001176	-0.721613	-55.735030	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.408851	5.884272	0.358626
0.000833	0.888931	12.666229	
0.25000	0.408851	15.971917	0.358626
0.000833	0.450477	34.452991	
0.50000	0.408851	33.818830	0.358626
0.000833	0.038610	45.085392	
0.75000	0.408851	52.771445	0.358626
0.000833	0.514426	30.640890	
1.00000	0.408851	68.509160	0.358626
0.000833	1.032091	11.128434	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4780

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.431203	-67.082377	-0.429005
-0.000980	-1.093356	-49.233917	
0.25000	-0.431203	-50.049174	-0.429005
-0.000980	-0.563953	-25.351313	
0.50000	-0.431203	-30.805264	-0.429005
-0.000980	-0.051056	-22.891180	
0.75000	-0.431203	-13.580258	-0.429005
-0.000980	-0.453865	-21.271970	
1.00000	-0.431203	-7.430483	-0.429005
-0.000980	-0.897709	-48.816408	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.293847	7.378887	0.212064
0.001448	0.519747	16.631699	
0.25000	0.293847	29.318107	0.212064
0.001448	0.264449	69.409261	
0.50000	0.293847	57.811696	0.212064
0.001448	0.043886	87.395900	
0.75000	0.293847	81.842001	0.212064
0.001448	0.293358	60.649299	
1.00000	0.293847	113.253209	0.212064
0.001448	0.585356	15.718194	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.308637	-111.421996	-0.245591
-0.001240	-0.630235	-78.258179	
0.25000	-0.308637	-84.521692	-0.245591
-0.001240	-0.326725	-31.761504	
0.50000	-0.308637	-57.851740	-0.245591
-0.001240	-0.045975	-25.760482	
0.75000	-0.308637	-30.182646	-0.245591
-0.001240	-0.278104	-21.290341	
1.00000	-0.308637	-10.946204	-0.245591
-0.001240	-0.540161	-70.788536	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.520673	8.170237	0.389832
0.001361	0.960815	14.661187	
0.25000	0.520673	25.033166	0.389832
0.001361	0.482250	52.094475	
0.50000	0.520673	54.866811	0.389832
0.001361	0.052294	70.567987	
0.75000	0.520673	86.548795	0.389832
0.001361	0.534265	46.776239	
1.00000	0.520673	112.856618	0.389832
0.001361	1.070121	14.212823	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474912	-111.863861	-0.441686
-0.001294	-1.116325	-72.773598	
0.25000	-0.474912	-83.390448	-0.441686
-0.001294	-0.571446	-32.327964	
0.50000	-0.474912	-51.221523	-0.441686
-0.001294	-0.055388	-27.433243	
0.75000	-0.474912	-22.427482	-0.441686
-0.001294	-0.493618	-23.692930	
1.00000	-0.474912	-12.147263	-0.441686
-0.001294	-0.976287	-68.427979	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.520673	8.170237	0.389832
0.001448	0.960815	16.631699	
0.25000	0.520673	29.318107	0.389832
0.001448	0.482250	69.409261	
0.50000	0.520673	57.811696	0.389832
0.001448	0.052294	87.395900	
0.75000	0.520673	86.548795	0.389832
0.001448	0.534265	60.649299	
1.00000	0.520673	113.253209	0.389832
0.001448	1.070121	15.718194	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4781

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474912	-111.863861	-0.441686
-0.001294	-1.116325	-78.258179	
0.25000	-0.474912	-84.521692	-0.441686
-0.001294	-0.571446	-32.327964	
0.50000	-0.474912	-57.851740	-0.441686
-0.001294	-0.055388	-27.433243	
0.75000	-0.474912	-30.182646	-0.441686
-0.001294	-0.493618	-23.692930	
1.00000	-0.474912	-12.147263	-0.441686
-0.001294	-0.976287	-70.788536	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.520673	8.170237	0.389832
0.001448	0.960815	16.631699	
0.25000	0.520673	29.318107	0.389832
0.001448	0.482250	69.409261	
0.50000	0.520673	57.811696	0.389832
0.001448	0.052294	87.395900	
0.75000	0.520673	86.548795	0.389832
0.001448	0.534265	60.649299	
1.00000	0.520673	113.253209	0.389832
0.001448	1.070121	15.718194	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.474912	-111.863861	-0.441686
-0.001294	-1.116325	-78.258179	
0.25000	-0.474912	-84.521692	-0.441686
-0.001294	-0.571446	-32.327964	
0.50000	-0.474912	-57.851740	-0.441686
-0.001294	-0.055388	-27.433243	
0.75000	-0.474912	-30.182646	-0.441686
-0.001294	-0.493618	-23.692930	
1.00000	-0.474912	-12.147263	-0.441686
-0.001294	-0.976287	-70.788536	

ELEM 466 ========== LENGTH = 3.459332

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201036	0.234888	0.247805
0.000576	0.430343	0.701118	
0.25000	0.201036	0.260290	0.247805
0.000576	0.216060	0.721714	
0.50000	0.201036	0.287545	0.247805
0.000576	0.002928	0.741089	
0.75000	0.201036	0.315780	0.247805
0.000576	0.166470	0.761126	
1.00000	0.201036	0.335919	0.247805
0.000576	0.335544	0.766282	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.206321	-0.211787	-0.195516
-0.000386	-0.340818	-1.493946	
0.25000	-0.206321	-0.192624	-0.195516
-0.000386	-0.171730	-1.396417	
0.50000	-0.206321	-0.167251	-0.195516
-0.000386	-0.005878	-1.330272	
0.75000	-0.206321	-0.137031	-0.195516
-0.000386	-0.212596	-1.264990	
1.00000	-0.206321	-0.114737	-0.195516
-0.000386	-0.426901	-1.294540	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.264922	0.883140	0.406190
0.001026	0.702967	1.713223	
0.25000	0.264922	1.594396	0.406190
0.001026	0.352409	2.877924	
0.50000	0.264922	2.357550	0.406190
0.001026	0.006136	3.278687	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4782

F R A M E E L E M E N T I N T E R N A L F O R C E S

0.75000	0.264922	3.148133	0.406190
0.001026	0.275456	2.860863	
1.00000	0.264922	3.712002	0.406190
0.001026	0.556259	1.927086	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.317886	-3.771820	-0.325147
-0.000626	-0.571454	-5.192486	
0.25000	-0.317886	-3.235271	-0.325147
-0.000626	-0.290465	-4.009116	
0.50000	-0.317886	-2.524826	-0.325147
-0.000626	-0.014186	-3.693332	
0.75000	-0.317886	-1.678649	-0.325147
-0.000626	-0.335093	-3.381636	
1.00000	-0.317886	-1.054438	-0.325147
-0.000626	-0.702372	-4.082661	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.267578	1.031601	0.461106
0.001274	0.793546	1.793172	
0.25000	0.267578	1.054463	0.461106
0.001274	0.394719	1.760979	
0.50000	0.267578	1.078993	0.461106
0.001274	0.006890	1.803254	
0.75000	0.267578	1.104404	0.461106
0.001274	0.340941	1.876100	
1.00000	0.267578	1.122529	0.461106
0.001274	0.695873	1.963667	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300447	-0.454021	-0.410387
-0.000501	-0.725683	-5.185316	
0.25000	-0.300447	-0.436775	-0.410387
-0.000501	-0.370909	-5.008841	
0.50000	-0.300447	-0.413939	-0.410387
-0.000501	-0.020052	-4.863647	
0.75000	-0.300447	-0.386741	-0.410387
-0.000501	-0.402827	-4.720871	
1.00000	-0.300447	-0.366677	-0.410387
-0.000501	-0.801582	-4.788825	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297671	7.654567	0.460340
0.001261	0.784816	10.775934	
0.25000	0.297671	21.123971	0.460340
0.001261	0.400508	33.363500	
0.50000	0.297671	35.576209	0.460340
0.001261	0.028405	40.627343	
0.75000	0.297671	50.547871	0.460340
0.001261	0.354662	31.553362	
1.00000	0.297671	61.226133	0.460340
0.001261	0.726054	11.478737	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.318571	-62.217953	-0.438207
-0.000746	-0.794281	-45.365691	
0.25000	-0.318571	-52.057052	-0.438207
-0.000746	-0.415423	-25.635180	
0.50000	-0.318571	-38.603014	-0.438207
-0.000746	-0.047080	-22.233286	
0.75000	-0.318571	-22.578522	-0.438207
-0.000746	-0.411368	-18.835144	
1.00000	-0.318571	-10.757542	-0.438207
-0.000746	-0.809475	-32.431568	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036247	0.476706	0.157998
0.000508	0.270777	0.758435	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4783

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.036247	0.502108	0.157998
0.000508	0.134176	0.730394	
0.50000	0.036247	0.529363	0.157998
0.000508	0.002587	0.756272	
0.75000	0.036247	0.557598	0.157998
0.000508	0.117402	0.772603	
1.00000	0.036247	0.577737	0.157998
0.000508	0.241294	0.810917	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099496	-0.500178	-0.143257
-0.000205	-0.256805	-2.329728	
0.25000	-0.099496	-0.481016	-0.143257
-0.000205	-0.132886	-2.205243	
0.50000	-0.099496	-0.455643	-0.143257
-0.000205	-0.009128	-2.115587	
0.75000	-0.099496	-0.425422	-0.143257
-0.000205	-0.139189	-2.028701	
1.00000	-0.099496	-0.409129	-0.143257
-0.000205	-0.275786	-2.049008	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097329	9.512451	0.252927
0.000724	0.417698	12.868240	
0.25000	0.097329	27.954294	0.252927
0.000724	0.217861	44.242063	
0.50000	0.097329	47.741801	0.252927
0.000724	0.032718	54.277902	
0.75000	0.097329	68.240383	0.252927
0.000724	0.215610	41.786679	
1.00000	0.097329	82.860791	0.252927
0.000724	0.444059	14.197922	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.127918	-84.850710	-0.276287
-0.000102	-0.517785	-58.224724	
0.25000	-0.127918	-70.938755	-0.276287
-0.000102	-0.279006	-31.281597	
0.50000	-0.127918	-52.517951	-0.276287
-0.000102	-0.050190	-29.092705	
0.75000	-0.127918	-30.577770	-0.276287
-0.000102	-0.241027	-22.105699	
1.00000	-0.127918	-14.392891	-0.276287
-0.000102	-0.459758	-40.647645	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.224009	8.723983	0.417246
0.001109	0.704557	12.167032	
0.25000	0.224009	25.390227	0.417246
0.001109	0.360811	40.513608	
0.50000	0.224009	43.275473	0.417246
0.001109	0.031797	49.588819	
0.75000	0.224009	61.797622	0.417246
0.001109	0.321711	38.329600	
1.00000	0.224009	75.010271	0.417246
0.001109	0.657049	13.419014	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.253640	-76.759099	-0.398603
-0.000383	-0.726921	-53.880310	
0.25000	-0.253640	-64.186601	-0.398603
-0.000383	-0.382304	-29.468317	
0.50000	-0.253640	-47.539370	-0.398603
-0.000383	-0.050574	-25.259142	
0.75000	-0.253640	-27.711611	-0.398603
-0.000383	-0.380243	-21.053364	
1.00000	-0.253640	-13.085029	-0.398603
-0.000383	-0.741095	-37.803932	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4784

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269344	6.570860	0.437204
0.001255	0.747372	9.133332	
0.25000	0.269344	17.506416	0.437204
0.001255	0.380475	27.415813	
0.50000	0.269344	29.239916	0.437204
0.001255	0.029194	33.339199	
0.75000	0.269344	41.395127	0.437204
0.001255	0.336672	26.049363	
1.00000	0.269344	50.064607	0.437204
0.001255	0.692497	9.746679	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.285130	-50.566600	-0.418539

```
-0.000916   -0.758973   -38.560257
0.25000     -0.285130   -42.317156      -0.418539
-0.000916   -0.397097   -22.517514
0.50000     -0.285130   -31.394075      -0.418539
-0.000916   -0.044242   -19.731714
0.75000     -0.285130   -18.384092      -0.418539
-0.000916   -0.388442   -16.950076
1.00000     -0.285130   -8.786860       -0.418539
-0.000916   -0.766575   -28.013215
```

COMB DB-G3-1 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.132943    0.681566    0.165759
0.000490    0.291966    0.863229
0.25000     0.132943    0.706968    0.165759
0.000490    0.148623    0.880711
0.50000     0.132943    0.734223    0.165759
0.000490    0.005312    0.916575
0.75000     0.132943    0.762458    0.165759
0.000490    0.118425    0.932964
1.00000     0.132943    0.782597    0.165759
0.000490    0.243314    0.934965
```

COMB DB-G3-1 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.119965   -0.182313   -0.144425
-0.000956   -0.256308   -3.461487
0.25000     -0.119965   -0.163150   -0.144425
-0.000956   -0.131405   -3.382398
0.50000     -0.119965   -0.137777   -0.144425
-0.000956   -0.011181   -3.345762
0.75000     -0.119965   -0.107556   -0.144425
-0.000956   -0.138122   -3.304334
1.00000     -0.119965   -0.085263   -0.144425
-0.000956   -0.281490   -3.387676
```

COMB DB-G3-2 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.211473    11.658723   0.251959
0.000673    0.423770    15.712662
0.25000     0.211473    34.114080   0.251959
0.000673    0.229003    53.748065
0.50000     0.211473    58.207958   0.251959
0.000673    0.041380    65.888690
0.75000     0.211473    83.167787   0.251959
0.000673    0.198637    50.661588
1.00000     0.211473    100.969924  0.251959
0.000673    0.407295    17.039376
```

COMB DB-G3-2 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.189228   -103.138931 -0.256052
-0.001064   -0.486308   -70.768464
0.25000     -0.189228   -86.199306  -0.256052
-0.001064   -0.266247   -38.035026
0.50000     -0.189228   -63.769565  -0.256052
-0.001064   -0.056235   -32.520275
0.75000     -0.189228   -37.054524  -0.256052
-0.001064   -0.232955   -27.008556
1.00000     -0.189228   -17.347317  -0.256052
-0.001064   -0.450869   -49.641981
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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```
                    Page
<              MOVING          LOAD              >
                                4785
```

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.202388    8.639973    0.339714
0.001003    0.576345    11.487728
0.25000     0.202388    24.048819   0.339714
0.001003    0.288250    37.705994
0.50000     0.202388    40.582016   0.339714
0.001003    0.032261    46.125389
0.75000     0.202388    57.709428   0.339714
0.001003    0.273766    35.718119
1.00000     0.202388    69.925238   0.339714
0.001003    0.565289    12.666795
```

COMB DB-G3-3 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.199323   -70.791695  -0.347242
-0.000971   -0.643713   -51.897502
0.25000     -0.199323   -59.167739  -0.347242
-0.000971   -0.343866   -29.381195
0.50000     -0.199323   -43.776472  -0.347242
-0.000971   -0.052155   -25.541542
0.75000     -0.199323   -25.444634  -0.347242
-0.000971   -0.307088   -21.702043
1.00000     -0.199323   -11.921567  -0.347242
-0.000971   -0.600908   -37.271310
```

COMB DB-G3-4 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.254973    7.329135    0.431441
0.001218    0.737008    9.988989
0.25000     0.254973    20.074583   0.431441
0.001218    0.376958    31.657424
0.50000     0.254973    33.750039   0.431441
0.001218    0.028586    38.628043
0.75000     0.254973    47.917000   0.431441
0.001218    0.321969    30.044744
1.00000     0.254973    58.021324   0.431441
0.001218    0.671920    11.027542
```

COMB DB-G3-4 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.269977   -58.779663  -0.406104
-0.001045   -0.740840   -44.208838
0.25000     -0.269977   -49.164892  -0.406104
-0.001045   -0.390088   -25.516979
0.50000     -0.269977   -36.433985  -0.406104
-0.001045   -0.048537   -22.276635
0.75000     -0.269977   -21.270781  -0.406104
-0.001045   -0.384112   -19.039101
1.00000     -0.269977   -10.085158  -0.406104
-0.001045   -0.757233   -31.906361
```

COMB DL-G1-1 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.399966    0.303484    0.425405
0.000573    0.741437    1.484824
0.25000     0.399966    0.312618    0.425405
0.000573    0.373127    1.473901
0.50000     0.399966    0.331065    0.425405
0.000573    0.005697    1.480185
0.75000     0.399966    0.350209    0.425405
0.000573    0.324485    1.492652
1.00000     0.399966    0.366363    0.425405
0.000573    0.657319    1.511005
```

COMB DL-G1-1 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.275592   -0.227568   -0.384816
-0.000355   -0.673974   -2.616359
0.25000     -0.275592   -0.210064   -0.384816
-0.000355   -0.341180   -2.670330
0.50000     -0.275592   -0.190578   -0.384816
-0.000355   -0.008624   -2.761439
0.75000     -0.275592   -0.172718   -0.384816
-0.000355   -0.361165   -2.870839
1.00000     -0.275592   -0.169027   -0.384816
-0.000355   -0.729439   -3.013865
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
```

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                    Page
<              MOVING          LOAD              >
                                4786
```

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.460561    0.814978    0.695919
0.001030    1.208798    2.890246
0.25000     0.460561    1.079256    0.695919
0.001030    0.606584    3.320237
0.50000     0.460561    1.614214    0.695919
0.001030    0.008907    3.577844
0.75000     0.460561    2.169377    0.695919
0.001030    0.557762    3.370391
1.00000     0.460561    2.637861    0.695919
0.001030    1.132892    3.106455
```

COMB DL-G1-2 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.552881   -2.619933   -0.665362
-0.000553   -1.169999   -7.200250
0.25000     -0.552881   -2.112328   -0.665362
-0.000553   -0.594739   -6.646944
0.50000     -0.552881   -1.547224   -0.665362
-0.000553   -0.021406   -6.598859
0.75000     -0.552881   -1.029272   -0.665362
-0.000553   -0.594957   -6.602990
1.00000     -0.552881   -0.922256   -0.665362
-0.000553   -1.197504   -7.263030
```

COMB DL-G1-3 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.445404    1.175711    0.818746
0.001151    1.416622    4.216104
0.25000     0.445404    1.183931    0.818746
0.001151    0.707487    3.913991
0.50000     0.445404    1.200534    0.818746
0.001151    0.010949    3.832055
0.75000     0.445404    1.217763    0.818746
0.001151    0.666945    3.890505
1.00000     0.445404    1.232302    0.818746
0.001151    1.360542    4.009991
```

COMB DL-G1-3 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.519727   -0.579669   -0.801729
-0.000458   -1.413702   -10.467840
0.25000     -0.519727   -0.563915   -0.801729
-0.000458   -0.720607   -10.658233
0.50000     -0.519727   -0.546378   -0.801729
-0.000458   -0.032773   -10.945653
0.75000     -0.519727   -0.530303   -0.801729
-0.000458   -0.704665   -11.334049
1.00000     -0.519727   -0.526982   -0.801729
-0.000458   -1.413643   -11.795286
```

COMB DL-G1-4 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.541418    6.899182    0.815263
0.001159    1.416622    9.943257
0.25000     0.541418    13.290504   0.815263
0.001159    0.712123    20.850066
0.50000     0.541418    26.198663   0.815263
0.001159    0.028784    26.400118
0.75000     0.541418    39.594371   0.815263
0.001159    0.663275    19.615182
1.00000     0.541418    50.398554   0.815263
0.001159    1.354168    9.828417
```

COMB DL-G1-4 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.509622   -50.554974  -0.807069
-0.000697   -1.441737   -39.128764
0.25000     -0.509622   -38.306830  -0.807069
-0.000697   -0.744020   -26.601798
0.50000     -0.509622   -24.671250  -0.807069
-0.000697   -0.055525   -24.556919
0.75000     -0.509622   -12.173440  -0.807069
-0.000697   -0.707913   -22.673506
1.00000     -0.509622   -9.591204   -0.807069
-0.000697   -1.413416   -35.529610
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
```

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                    Page
<              MOVING          LOAD              >
                                4787
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.044436    0.432758    0.279595
0.000434    0.481419    1.481718
0.25000     0.044436    0.441892    0.279595
0.000434    0.239370    1.459907
0.50000     0.044436    0.460338    0.279595
0.000434    0.003185    1.480548
0.75000     0.044436    0.479482    0.279595
0.000434    0.244842    1.517027
1.00000     0.044436    0.495637    0.279595
0.000434    0.501429    1.593758
```

COMB DL-G2-1 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.273057   -0.460208   -0.296794
-0.000179   -0.625906   -4.641911
0.25000     -0.273057   -0.442705   -0.296794
-0.000179   -0.269346   -4.593801
0.50000     -0.273057   -0.423218   -0.296794
-0.000179   -0.015495   -4.626736
0.75000     -0.273057   -0.405358   -0.296794
-0.000179   -0.242925   -4.686688
1.00000     -0.273057   -0.401663   -0.296794
-0.000179   -0.484967   -4.794688
```

COMB DL-G2-2 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.156616    9.109384    0.460569
0.000603    0.788875    10.693430
0.25000     0.156616    18.836799   0.460569
0.000603    0.400974    27.757897
0.50000     0.156616    38.482657   0.460569
0.000603    0.030329    36.546772
0.75000     0.156616    58.870552   0.460569
0.000603    0.397525    26.070822
1.00000     0.156616    76.075203   0.460569
0.000603    0.810855    10.950238
```

COMB DL-G2-2 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.280519   -76.353121  -0.490343
-8.15E-05   -0.891034   -49.945733
0.25000     -0.280519   -57.711788  -0.490343
-8.15E-05   -0.466941   -30.563530
0.50000     -0.280519   -36.958814  -0.490343
-8.15E-05   -0.053727   -27.060973
0.75000     -0.280519   -17.937557  -0.490343
-8.15E-05   -0.413448   -23.692390
1.00000     -0.280519   -14.007405  -0.490343
-8.15E-05   -0.811770   -42.689679
```

COMB DL-G2-3 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.353238    8.414673    0.735482
0.001022    1.267879    10.783547
0.25000     0.353238    17.218668   0.735482
0.001022    0.641170    26.246762
0.50000     0.353238    34.999553   0.735482
0.001022    0.030569    34.626198
0.75000     0.353238    53.452034   0.735482
0.001022    0.613372    24.767772
1.00000     0.353238    69.023455   0.735482
0.001022    1.248354    11.107493
```

COMB DL-G2-3 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.478527   -69.259183  -0.745543
-0.000334   -1.335596   -47.650242
0.25000     -0.478527   -52.387464  -0.745543
-0.000334   -0.690865   -30.083785
0.50000     -0.478527   -33.604561  -0.745543
-0.000334   -0.057109   -26.908284
0.75000     -0.478527   -16.388930  -0.745543
-0.000334   -0.646023   -23.884930
1.00000     -0.478527   -12.831920  -0.745543
-0.000334   -1.282345   -41.111237
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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                    Page
<              MOVING          LOAD              >
                                4788
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.450468    6.028949    0.768133
0.001153    1.328689    9.176393
0.25000     0.450468    11.337825   0.768133
0.001153    0.669896    18.131528
0.50000     0.450468    22.060037   0.768133
0.001153    0.026484    22.733261
0.75000     0.450468    33.187233   0.768133
0.001153    0.632577    17.051963
1.00000     0.450468    42.577095   0.768133
0.001153    1.297490    8.935235
```

COMB DL-G2-4 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.492890   -42.055883  -0.775460
-0.000876   -1.388321   -35.892013
0.25000     -0.492890   -31.881915  -0.775460
-0.000876   -0.717608   -25.535092
0.50000     -0.492890   -20.555469  -0.775460
-0.000876   -0.057756   -23.906857
0.75000     -0.492890   -10.174116  -0.775460
-0.000876   -0.666844   -22.463101
1.00000     -0.492890   -8.029171   -0.775460
-0.000876   -1.331535   -33.273500
```

COMB DL-G3-1 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.232273    0.712021    0.261998
0.000443    0.458975    1.993400
0.25000     0.232273    0.721155    0.261998
0.000443    0.232339    1.869827
0.50000     0.232273    0.739602    0.261998
0.000443    0.009012    1.842421
0.75000     0.232273    0.758745    0.261998
0.000443    0.209203    1.864589
1.00000     0.232273    0.774900    0.261998
0.000443    0.437040    1.889591
```

COMB DL-G3-1 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.178435   -0.197740   -0.263617
-0.000977   -0.475087   -6.830598
0.25000     -0.178435   -0.160237   -0.263617
-0.000977   -0.247273   -7.060494
0.50000     -0.178435   -0.160750   -0.263617
-0.000977   -0.023759   -7.352450
0.75000     -0.178435   -0.142890   -0.263617
-0.000977   -0.220793   -7.701863
1.00000     -0.178435   -0.139200   -0.263617
-0.000977   -0.447448   -8.087660
```

COMB DL-G3-2 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.424585    12.762004   0.415849
0.000575    0.377052    14.176226
0.25000     0.424585    26.572192   0.415849
0.000575    0.377057    38.440513
0.50000     0.424585    54.463777   0.415849
0.000575    0.046164    50.849173
0.75000     0.424585    83.408845   0.415849
0.000575    0.335510    35.971467
1.00000     0.424585    107.834603  0.415849
0.000575    0.688936    14.452131
```

COMB DL-G3-2 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.251446   -108.145337 -0.427017
-0.001067   -0.795572   -68.356293
0.25000     -0.251446   -81.679895  -0.427017
-0.001067   -0.426479   -40.967907
0.50000     -0.251446   -52.216518  -0.427017
-0.001067   -0.070737   -36.085821
0.75000     -0.251446   -25.211606  -0.427017
-0.001067   -0.370417   -31.361909
1.00000     -0.251446   -19.631982  -0.427017
-0.001067   -0.729459   -58.370988
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
```

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                    Page
<              MOVING          LOAD              >
                                4789
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.360513    9.804368    0.590753
0.000838    1.020516    12.196472
0.25000     0.360513    19.759212   0.590753
0.000838    0.520442    29.530569
0.50000     0.360513    39.864396   0.590753
0.000838    0.038161    38.506767
0.75000     0.360513    60.728966   0.590753
0.000838    0.491181    27.777750
1.00000     0.360513    78.335866   0.590753
0.000838    1.011696    12.265296
```

COMB DL-G3-3 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.327043   -78.044448  -0.614658
-0.000970   -1.119721   -55.671943
0.25000     -0.327043   -58.567275  -0.614658
-0.000970   -0.588274   -36.123463
0.50000     -0.327043   -37.729091  -0.614658
-0.000970   -0.071278   -32.833263
0.75000     -0.327043   -18.263050  -0.614658
-0.000970   -0.520152   -29.704235
1.00000     -0.327043   -14.241054  -0.614658
-0.000970   -1.030801   -49.457996
```

COMB DL-G3-4 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.420310    8.326631    0.742546
0.001057    1.284376    11.128613
0.25000     0.420310    16.588082   0.742546
0.001057    0.650899    25.503850
0.50000     0.420310    33.273227   0.742546
0.001057    0.034218    32.964071
0.75000     0.420310    50.588580   0.742546
0.001057    0.617365    24.095716
1.00000     0.420310    65.200418   0.742546
0.001057    1.266143    11.293655
```

COMB DL-G3-4 ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.505498   -65.020951  -0.760819
-0.001011   -1.370418   -48.784248
0.25000     -0.505498   -49.188246  -0.760819
-0.001011   -0.712635   -32.520754
0.50000     -0.505498   -31.562833  -0.760819
-0.001011   -0.068644   -29.733075
0.75000     -0.505498   -15.408109  -0.760819
-0.001011   -0.647934   -27.009360
1.00000     -0.505498   -12.070298  -0.760819
-0.001011   -1.290265   -43.511894
```

COMB DB ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.297671    11.658723   0.461106
0.001274    0.793546    15.712662
0.25000     0.297671    34.114080   0.461106
0.001274    0.400508    53.748065
0.50000     0.297671    58.207958   0.461106
0.001274    0.041380    65.888690
0.75000     0.297671    83.167787   0.461106
0.001274    0.354662    50.661588
1.00000     0.297671    100.969924  0.461106
0.001274    0.726054    17.039376
```

COMB DB ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.318571   -103.138931 -0.438207
-0.001064   -0.794281   -70.768464
0.25000     -0.318571   -86.199306  -0.438207
-0.001064   -0.415423   -38.035026
0.50000     -0.318571   -63.769565  -0.438207
-0.001064   -0.058235   -32.520275
0.75000     -0.318571   -37.054524  -0.438207
-0.001064   -0.411368   -27.008556
1.00000     -0.318571   -17.347317  -0.438207
-0.001064   -0.809475   -49.641981
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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                    Page
<              MOVING          LOAD              >
                                4790
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.541418    12.762004   0.818746
0.001159    1.416622    14.176226
0.25000     0.541418    26.572192   0.818746
0.001159    0.712123    38.440513
0.50000     0.541418    54.463777   0.818746
0.001159    0.046164    50.849173
0.75000     0.541418    83.408845   0.818746
0.001159    0.666945    35.971467
1.00000     0.541418    107.834603  0.818746
0.001159    1.360542    14.452131
```

COMB DL ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.552881   -108.145337 -0.807069
-0.001067   -1.441737   -68.356293
0.25000     -0.552881   -81.679895  -0.807069
-0.001067   -0.744020   -40.967907
0.50000     -0.552881   -52.216518  -0.807069
-0.001067   -0.071278   -36.085821
0.75000     -0.552881   -25.211606  -0.807069
-0.001067   -0.707913   -31.361909
1.00000     -0.552881   -19.631982  -0.807069
-0.001067   -1.413643   -58.370988
```

COMB CAR ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.541418    12.762004   0.818746
0.001274    1.416622    15.712662
0.25000     0.541418    34.114080   0.818746
0.001274    0.712123    53.748065
0.50000     0.541418    58.207958   0.818746
0.001274    0.046164    65.888690
0.75000     0.541418    83.408845   0.818746
0.001274    0.666945    50.661588
1.00000     0.541418    107.834603  0.818746
0.001274    1.360542    17.039376
```

COMB CAR ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.552881   -108.145337 -0.807069
-0.001067   -1.441737   -70.768464
0.25000     -0.552881   -86.199306  -0.807069
-0.001067   -0.744020   -40.967907
0.50000     -0.552881   -63.769565  -0.807069
-0.001067   -0.071278   -36.085821
0.75000     -0.552881   -37.054524  -0.807069
-0.001067   -0.707913   -31.361909
1.00000     -0.552881   -19.631982  -0.807069
-0.001067   -1.413643   -58.370988
```

COMB DESIGN ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.541418    12.762004   0.818746
0.001274    1.416622    15.712662
0.25000     0.541418    34.114080   0.818746
0.001274    0.712123    53.748065
0.50000     0.541418    58.207958   0.818746
0.001274    0.046164    65.888690
0.75000     0.541418    83.408845   0.818746
0.001274    0.666945    50.661588
1.00000     0.541418    107.834603  0.818746
0.001274    1.360542    17.039376
```

COMB DESIGN ---------- MIN

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     -0.552881   -108.145337 -0.807069
-0.001067   -1.441737   -70.768464
0.25000     -0.552881   -86.199306  -0.807069
-0.001067   -0.744020   -40.967907
0.50000     -0.552881   -63.769565  -0.807069
-0.001067   -0.071278   -36.085821
0.75000     -0.552881   -37.054524  -0.807069
-0.001067   -0.707913   -31.361909
1.00000     -0.552881   -19.631982  -0.807069
-0.001067   -1.413643   -58.370988
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT
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                    Page
<              MOVING          LOAD              >
                                4791
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F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM   467 ================== LENGTH =   3.461020

COMB DB-G1-1 ---------- MAX

```
REL DIST        P           V2          V3
    T           M2          M3
0.00000     0.206744    0.122817    0.260048
0.000389    0.441036    0.757377
0.25000     0.206744    0.145109    0.260048
0.000389    0.216052    0.805428
```

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0.50000     0.206744     0.175336     0.260048
0.000389     0.006188     0.838916
0.75000     0.206744     0.200719     0.260048
0.000389     0.180719     0.841451
1.00000     0.206744     0.219883     0.260048
0.000389     0.355080     0.815911

COMB DB-G1-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.213532    -0.352446    -0.201524
-0.000578    -0.342417    -1.284942
0.25000    -0.213532    -0.332310    -0.201524
-0.000578    -0.168047    -1.304193
0.50000    -0.213532    -0.304071    -0.201524
-0.000578    -0.008798    -1.371630
0.75000    -0.213532    -0.276805    -0.201524
-0.000578    -0.233986    -1.441011
1.00000    -0.213532    -0.251408    -0.201524
-0.000578    -0.458993    -1.541758

COMB DB-G1-2 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.272113     1.065229     0.436871
0.000630     0.738036     1.919716
0.25000     0.272113     1.689415     0.436871
0.000630     0.360649     2.940041
0.50000     0.272113     2.535763     0.436871
0.000630     0.011440     3.453157
0.75000     0.272113     3.224493     0.436871
0.000630     0.297961     3.096039
1.00000     0.272113     3.783089     0.436871
0.000630     0.584894     1.913109

COMB DB-G1-2 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.335474    -3.729773    -0.331843
-0.001028    -0.564137    -4.053211
0.25000    -0.335474    -3.165964    -0.331843
-0.001028    -0.277014    -3.458599
0.50000    -0.335474    -2.375259    -0.331843
-0.001028    -0.018278    -3.772647
0.75000    -0.335474    -1.611829    -0.331843
-0.001028    -0.396004    -4.090841
1.00000    -0.335474    -0.900704    -0.331843
-0.001028    -0.773994    -5.278066

COMB DB-G1-3 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.275238     0.372123     0.511241
0.000504     0.860672     1.947122
0.25000     0.275238     0.392186     0.511241
0.000504     0.418310     1.983712
0.50000     0.275238     0.419390     0.511241
0.000504     0.011929     2.038747
0.75000     0.275238     0.442235     0.511241
0.000504     0.340606     2.065948
1.00000     0.275238     0.459483     0.511241
0.000504     0.678506     2.066815

COMB DB-G1-3 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.319159    -1.132892    -0.390525
-0.001260    -0.673126    -4.741949
0.25000    -0.319159    -1.114770    -0.390525
-0.001260    -0.335195    -4.836874
0.50000    -0.319159    -1.089355    -0.390525
-0.001260    -0.023856    -4.978158
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4792

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.75000    -0.319159    -1.064816    -0.390525
-0.001260    -0.466389    -5.121877
1.00000    -0.319159    -1.041958    -0.390525
-0.001260    -0.908746    -5.297437

COMB DB-G1-4 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.305780    10.754805     0.510830
 0.000749     0.063147    11.462188
0.25000     0.305780    22.575329     0.510830
 0.000749     0.415534    31.656804
0.50000     0.305780    38.603052     0.510830
 0.000749     0.031458    40.866999
0.75000     0.305780    52.062491     0.510830
 0.000749     0.346336    33.619167
1.00000     0.305780    62.224291     0.510830
 0.000749     0.686822    11.001006

COMB DB-G1-4 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.334896   -61.230252    -0.398061
-0.001266    -0.700587   -32.395285
0.25000    -0.334896   -50.553129    -0.398061
-0.001266    -0.356449   -18.948062
0.50000    -0.334896   -35.579156    -0.398061
-0.001266    -0.049454   -22.345182
0.75000    -0.334896   -21.121696    -0.398061
-0.001266    -0.460807   -25.742086
1.00000    -0.334896    -7.654763    -0.398061
-0.001266    -0.922809   -45.491391

COMB DB-G2-1 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.037170     0.404102     0.181842
0.000205     0.304877     0.808241
0.25000     0.037170     0.426394     0.181842
0.000205     0.147556     0.813959
0.50000     0.037170     0.456621     0.181842
0.000205     0.004344     0.846330
0.75000     0.037170     0.482004     0.181842
0.000205     0.113426     0.849038
1.00000     0.037170     0.501169     0.181842
0.000205     0.222426     0.824900

COMB DB-G2-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.114139    -0.575426    -0.128147
-0.000508    -0.222855    -2.024236
0.25000    -0.114139    -0.555290    -0.128147
-0.000508    -0.111962    -2.076638
0.50000    -0.114139    -0.527050    -0.128147
-0.000508    -0.009811    -2.162094
0.75000    -0.114139    -0.499785    -0.128147
-0.000508    -0.167110    -2.249833
1.00000    -0.114139    -0.474388    -0.128147
-0.000508    -0.324467    -2.372200

COMB DB-G2-2 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.099341    14.379542     0.307675
 0.000102     0.491626    14.191312
0.25000     0.099341    30.563795     0.307675
 0.000102     0.242310    41.846636
0.50000     0.099341    52.508401     0.307675
 0.000102     0.034389    54.426621
0.75000     0.099341    70.936600     0.307675
 0.000102     0.197297    44.438634
1.00000     0.099341    84.849785     0.307675
 0.000102     0.390157    13.032490

COMB DB-G2-2 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.141504    -82.852366    -0.229160
-0.000723    -0.416269    -40.628141
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4793

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2           V3
       T          M2          M3
0.25000    -0.141504    -68.233618    -0.229160
-0.000723    -0.218391    -22.173094
0.50000    -0.141504    -47.731771    -0.229160
-0.000723    -0.050873    -26.759143
0.75000    -0.141504    -27.937116    -0.229160
-0.000723    -0.307028    -31.346639
1.00000    -0.141504    -9.498655    -0.229160
-0.000723    -0.573249    -58.309331

COMB DB-G2-3 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.229557    13.080191     0.479108
 0.000385     0.784772    13.405253
0.25000     0.229557    27.706207     0.479108
 0.000385     0.385500    38.419981
0.50000     0.229557    47.537965     0.479108
 0.000385     0.035809    49.800540
0.75000     0.229557    64.191879     0.479108
 0.000385     0.316161    40.786994
1.00000     0.229557    76.765489     0.479108
 0.000385     0.623469    12.417452

COMB DB-G2-3 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.270106   -75.013874    -0.360820
-0.001098    -0.637356    -37.772805
0.25000    -0.270106   -61.802633    -0.360820
-0.001098    -0.325514    -21.147522
0.50000    -0.270106   -43.274725    -0.360820
-0.001098    -0.053320    -25.353769
0.75000    -0.270106   -25.385918    -0.360820
-0.001098    -0.458878    -29.563206
1.00000    -0.270106    -7.497092    -0.360820
-0.001098    -0.873434    -53.995006

COMB DB-G2-4 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.276785     8.783690     0.482599
 0.000919     0.801098     9.729657
0.25000     0.276785    18.380551     0.482599
 0.000919     0.393536    26.154725
0.50000     0.276785    31.393158     0.482599
 0.000919     0.026456    33.640385
0.75000     0.276785    42.320623     0.482599
 0.000919     0.321424    27.747321
1.00000     0.276785    50.570797     0.482599
 0.000919     0.637021     9.338976

COMB DB-G2-4 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.299561    -50.062262    -0.371201
-0.001250    -0.655600    -27.966023
0.25000    -0.299561    -41.393707    -0.371201
-0.001250    -0.334631    -17.072750
0.50000    -0.299561    -29.236620    -0.371201
-0.001250    -0.045118    -19.859335
0.75000    -0.299561    -17.498880    -0.371201
-0.001250    -0.451603    -22.632570
1.00000    -0.299561    -6.565330    -0.371201
-0.001250    -0.869189    -38.685354

COMB DB-G3-1 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.137100     0.080737     0.160372
0.000957     0.275187     0.927310
0.25000     0.137100     0.103029     0.160372
0.000957     0.136431     0.975090
0.50000     0.137100     0.133256     0.160372
0.000957     0.001785     1.008558
0.75000     0.137100     0.158639     0.160372
0.000957     0.116005     1.019298
1.00000     0.137100     0.177803     0.160372
0.000957     0.231591     1.012569
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4794

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.122037    -0.775419    -0.133670
-0.000496    -0.231061    -3.359730
0.25000    -0.122037    -0.755283    -0.133670
-0.000496    -0.115402    -3.362369
0.50000    -0.122037    -0.727044    -0.133670
-0.000496    -0.008926    -3.400272
0.75000    -0.122037    -0.699778    -0.133670
-0.000496    -0.141087    -3.438815
1.00000    -0.122037    -0.674381    -0.133670
-0.000496    -0.279866    -3.508414

COMB DB-G3-2 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.218039    17.330890     0.269601
 0.001066     0.431100    17.030298
0.25000     0.218039    37.037336     0.269601
 0.001066     0.218434    50.713591
0.50000     0.218039    63.757765     0.269601
 0.001066     0.037426    66.024488
0.75000     0.218039    86.196509     0.269601
 0.001066     0.191568    53.916661
1.00000     0.218039   103.137633     0.269601
 0.001066     0.373063    15.865302

COMB DB-G3-2 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.192232   -100.960693    -0.217390
-0.000688    -0.395662    -49.628892
0.25000    -0.192232    -83.160454    -0.217390
-0.000688    -0.208160    -27.074545
0.50000    -0.192232    -58.196773    -0.217390
-0.000688    -0.055743    -32.583787
0.75000    -0.192232    -34.094190    -0.217390
-0.000688    -0.268722    -38.097349
1.00000    -0.192232    -11.642951    -0.217390
-0.000688    -0.502026    -70.854770

COMB DB-G3-3 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.207963    11.905295     0.376355
 0.000973     0.616678    12.651168
0.25000     0.207963    25.427840     0.376355
 0.000973     0.305147    35.805486
0.50000     0.207963    43.763375     0.376355
 0.000973     0.029566    46.331039
0.75000     0.207963    59.160820     0.376355
 0.000973     0.251072    38.000104
1.00000     0.207963    70.785804     0.376355
 0.000973     0.499899    11.773301

COMB DB-G3-3 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.209902    -69.910868    -0.292818
-0.001014    -0.524739    -37.230164
0.25000    -0.209902    -57.696361    -0.292818
-0.001014    -0.271808    -21.812687
0.50000    -0.209902    -40.566305    -0.292818
-0.001014    -0.050146    -25.646235
0.75000    -0.209902    -24.027134    -0.292818
-0.001014    -0.360244    -29.480945
1.00000    -0.209902     -8.621115    -0.292818
-0.001014    -0.685925    -52.009594

COMB DB-G3-4 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.261900    10.075803     0.474672
 0.001048     0.788119    11.011662
0.25000     0.261900    21.260994     0.474672
 0.001048     0.387058    30.147425
0.50000     0.261900    36.427256     0.474672
 0.001048     0.028317    38.864656
0.75000     0.261900    49.163274     0.474672
 0.001048     0.318657    31.984718
1.00000     0.261900    58.778895     0.474672
 0.001048     0.631359    10.302188
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4795

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.284072    -58.014770    -0.365731
-0.001228    -0.643696    -31.856704
0.25000    -0.284072    -47.911524    -0.365731
-0.001228    -0.327601    -19.161872
0.50000    -0.284072    -33.742376    -0.365731
-0.001228    -0.048365    -22.394763
0.75000    -0.284072    -20.061978    -0.365731
-0.001228    -0.446020    -25.631471
1.00000    -0.284072     -7.318869    -0.365731
-0.001228    -0.856758    -44.334224

COMB DL-G1-1 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.413861     0.175006     0.434325
0.000358     0.739511     1.536621
0.25000     0.413861     0.178696     0.434325
0.000358     0.363379     1.526134
0.50000     0.413861     0.196555     0.434325
0.000358     0.008979     1.522289
0.75000     0.413861     0.216052     0.434325
0.000358     0.340173     1.519613
1.00000     0.413861     0.233558     0.434325
0.000358     0.672611     1.530999

COMB DL-G1-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.286241    -0.403698    -0.384175
-0.000575    -0.657139    -3.054792
0.25000    -0.286241    -0.387543    -0.384175
-0.000575    -0.324678    -2.878178
0.50000    -0.286241    -0.368395    -0.384175
-0.000575    -0.012776    -2.735498
0.75000    -0.286241    -0.349944    -0.384175
-0.000575    -0.386710    -2.615090
1.00000    -0.286241    -0.334807    -0.384175
-0.000575    -0.762923    -2.535305

COMB DL-G1-2 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.476668     0.924713     0.735180
0.000556     1.247345     3.150276
0.25000     0.476668     1.031718     0.735180
0.000556     0.611046     3.428879
0.50000     0.476668     1.549630     0.735180
0.000556     0.015390     3.652546
0.75000     0.476668     2.115936     0.735180
0.000556     0.568845     3.402367
1.00000     0.476668     2.622733     0.735180
0.000556     1.123286     2.966901

COMB DL-G1-2 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.572817    -2.690145    -0.643264
-0.000971    -1.103604    -7.323651
0.25000    -0.572817    -2.221668    -0.643264
-0.000971    -0.547020    -6.610957
0.50000    -0.572817    -1.666351    -0.643264
-0.000971    -0.007781    -6.553619
0.75000    -0.572817    -1.131276    -0.643264
-0.000971    -0.659029    -6.554324
1.00000    -0.572817    -0.866308    -0.643264
-0.000971    -1.295555    -7.070012

COMB DL-G1-3 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.461535     0.512817     0.877844
0.000461     1.485813     4.050290
0.25000     0.461535     0.516138     0.877844
0.000461     0.725631     3.960344
0.50000     0.461535     0.532211     0.877844
0.000461     0.017599     3.933080
0.75000     0.461535     0.549758     0.877844
0.000461     0.662451     4.001534
1.00000     0.461535     0.565514     0.877844
0.000461     1.320039     4.305709
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4796

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.540880    -1.281857    -0.759992
-0.001153    -1.310471    -11.863408
0.25000    -0.540880    -1.267318    -0.759992
-0.001153    -0.652759    -11.340273
0.50000    -0.540880    -1.250084    -0.759992
-0.001153    -0.040570    -10.891965
0.75000    -0.540880    -1.233479    -0.759992
-0.001153    -0.790095    -10.548758
1.00000    -0.540880    -1.225255    -0.759992
-0.001153    -1.550044    -10.307582

COMB DL-G1-4 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.556997     9.566961     0.871311
0.000700     1.464956     9.845777
0.25000     0.556997    12.148903     0.871311
 0.000700     0.719802    19.671172
0.50000     0.556997    24.645759     0.871311
 0.000700     0.031292    26.508387
0.75000     0.556997    38.288639     0.871311
 0.000700     0.647963    20.949722
1.00000     0.556997    50.538999     0.871311
 0.000700     1.286581    10.055912

COMB DL-G1-4 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.526165   -50.941592    -0.743927
-0.001155    -1.296420    -35.585565
0.25000    -0.526165    -39.637548    -0.743927
-0.001155    -0.652885    -22.660556
0.50000    -0.526165    -26.238142    -0.743927
-0.001155    -0.059388    -24.498905
0.75000    -0.526165    -13.327157    -0.743927
-0.001155    -0.795778    -26.500341
1.00000    -0.526165     -6.933659    -0.743927
-0.001155    -1.549948    -38.998765

COMB DL-G2-1 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.045070     0.391662     0.315355
0.000179     0.531531     1.609245
0.25000     0.045070     0.395352     0.315355
0.000179     0.259353     1.543218
0.50000     0.045070     0.413211     0.315355
0.000179     0.006396     1.517816
0.75000     0.045070     0.432708     0.315355
0.000179     0.232003     1.503149
1.00000     0.045070     0.450214     0.315355
0.000179     0.462669     1.526305

COMB DL-G2-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.283868    -0.506331    -0.266734
-0.000433    -0.462381    -4.814157
0.25000    -0.283868    -0.490176    -0.266734
-0.000433    -0.231562    -4.686077
0.50000    -0.283868    -0.471028    -0.266734
-0.000433    -0.018534    -4.605742
0.75000    -0.283868    -0.452577    -0.266734
-0.000433    -0.285954    -4.554107
1.00000    -0.283868    -0.443440    -0.266734
-0.000433    -0.559163    -4.587457

COMB DL-G2-2 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.159805    13.980304     0.522925
 8.18E-05     0.863894    10.960728
0.25000     0.159805    17.909949     0.522925
 8.18E-05     0.424970    26.111169
0.50000     0.159805    36.929816     0.522925
 8.18E-05     0.032818    36.628022
0.75000     0.159805    57.693898     0.522925
 8.18E-05     0.376524    27.845625
1.00000     0.159805    76.338901     0.522925
 8.18E-05     0.741354    10.758840
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4797

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.290331    -76.089229    -0.430784
-0.000602    -0.762028    -42.730587
0.25000    -0.290331    -58.884788    -0.430784
-0.000602    -0.389558    -23.678740
0.50000    -0.290331    -38.433555    -0.430784
-0.000602    -0.056803    -27.026637
0.75000    -0.290331    -18.841106    -0.430784
-0.000602    -0.494477    -30.506305
1.00000    -0.290331     -9.110380    -0.430784
-0.000602    -0.947296    -49.884385

COMB DL-G2-3 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.361608    12.811115     0.807557
 0.000336     1.349892    11.136916
0.25000     0.361608    16.367721     0.807557
 0.000336     0.663145    24.833046
0.50000     0.361608    33.582039     0.807557
 0.000336     0.036284    34.332264
0.75000     0.361608    52.374996     0.807557
 0.000336     0.600058    26.365261
1.00000     0.361608    69.249769     0.807557
 0.000336     1.184422    10.873390

COMB DL-G2-3 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.494950    -69.061938    -0.683720
-0.000981    -1.193302    -41.177795
0.25000    -0.494950    -53.490707    -0.683720
-0.000981    -0.602020    -23.877011
0.50000    -0.494950    -35.033132    -0.683720
-0.000981    -0.063290    -26.857205
0.75000    -0.494950    -17.248355    -0.683720
-0.000981    -0.746495    -30.005822
1.00000    -0.494950     -8.441363    -0.683720
-0.000981    -1.445697    -47.550708

COMB DL-G2-4 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.458719     7.996497     0.824976
 0.000861     1.388030     8.937683
0.25000     0.458719    10.141197     0.824976
 0.000861     0.681249    17.105750
0.50000     0.458719    20.521758     0.824976
 0.000861     0.027021    22.845322
0.75000     0.458719    31.854268     0.824976
 0.000861     0.603141    18.249403
1.00000     0.458719    42.030077     0.824976
 0.000861     1.201678     9.289562

COMB DL-G2-4 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.505530    -42.608586    -0.696865
-0.001120    -1.218852    -33.304825
0.25000    -0.505530    -33.218838    -0.696865
-0.001120    -0.616041    -22.438545
0.50000    -0.505530    -22.088570    -0.696865
-0.001120    -0.058224    -23.847196
0.75000    -0.505530    -11.364012    -0.696865
-0.001120    -0.752338    -25.454397
1.00000    -0.505530     -6.053228    -0.696865
-0.001120    -1.466616    -35.790637

COMB DL-G3-1 ---------- MAX

REL DIST          P           V2           V3
       T          M2          M3
0.00000     0.233989     0.113368     0.262079
0.000978     0.447536     1.852652
0.25000     0.233989     0.117058     0.262079
0.000978     0.220861     1.865040
0.50000     0.233989     0.134917     0.262079
0.000978     0.002378     1.881034
0.75000     0.233989     0.154414     0.262079
0.000978     0.181994     1.946933
1.00000     0.233989     0.171921     0.262079
0.000978     0.372142     2.063615
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4798

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST          P           V2           V3
       T          M2          M3
0.00000    -0.179016    -0.771752    -0.219710
-0.000455    -0.388265    -8.042868
0.25000    -0.179016     -0.755598    -0.219710
-0.000455    -0.198210     -7.662953
```

```
0.50000    -0.179016    -0.736449    -0.219710
-0.000455    -0.017246    -7.319887
0.75000    -0.179016    -0.717998    -0.219710
-0.000455    -0.232025    -7.035300
1.00000    -0.179016    -0.708861    -0.219710
-0.000455    -0.458869    -6.812503

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.428887   19.593651    0.437203
 0.001069    0.719638   14.405199
0.25000    0.428887   25.172640    0.437203
 0.001069    0.361300   35.978415
0.50000    0.428887   52.175493    0.437203
 0.001069    0.037569   50.928760
0.75000    0.428887   81.654641    0.437203
 0.001069    0.303210   38.556522
1.00000    0.428887  108.124873    0.437203
 0.001069    0.595330   14.289489

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.251068 -107.836611   -0.350410
-0.000577   -0.635041   -58.343394
0.25000   -0.251068   -83.411151   -0.350410
-0.000577   -0.332308   -31.307044
0.50000   -0.251068   -54.458093   -0.350410
-0.000577   -0.062853   -36.044172
0.75000   -0.251068   -26.560403   -0.350410
-0.000577   -0.417798   -40.934866
1.00000   -0.251068   -12.745513   -0.350410
-0.000577   -0.796217   -68.356281

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.364698   14.192324    0.637429
 0.000971    1.062091   12.231526
0.25000    0.364698   18.213845    0.637429
 0.000971    0.524698   27.807016
0.50000    0.364698   37.678401    0.637429
 0.000971    0.032685   38.610868
0.75000    0.364698   58.927954    0.637429
 0.000971    0.447476   29.683558
1.00000    0.364698   78.008580    0.637429
 0.000971    0.891517   12.314206

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.333836   -78.341604   -0.522486
-0.000838   -0.929614   -49.446645
0.25000   -0.333836   -60.734919   -0.522486
-0.000838   -0.477809   -29.651928
0.50000   -0.333836   -39.864589   -0.522486
-0.000838   -0.066318   -32.776286
0.75000   -0.333836   -19.755005   -0.522486
-0.000838   -0.593152   -36.058617
1.00000   -0.333836    -9.796771   -0.522486
-0.000838   -1.144959   -55.615761

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.426221   12.030117    0.801628
 0.001013    1.340427   11.282293
0.25000    0.426221   15.367548    0.801628
 0.001013    0.661261   24.142018
0.50000    0.426221   31.521040    0.801628
 0.001013    0.032563   33.078169
0.75000    0.426221   49.155888    0.801628
 0.001013    0.580228   25.659968
1.00000    0.426221   64.990759    0.801628
 0.001013    1.154438   11.252896
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4799

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.517927   -65.222650   -0.671386
-0.001058   -1.179918   -43.524090
0.25000   -0.517927   -50.610991   -0.671386
-0.001058   -0.599289   -27.066479
0.50000   -0.517927   -33.270858   -0.671386
-0.001058   -0.066963   -29.678934
0.75000   -0.517927   -16.602061   -0.671386
-0.001058   -0.737301   -32.443797
1.00000   -0.517927    -8.337797   -0.671386
-0.001058   -1.431295   -48.699706

COMB     DB ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.305780   17.330890    0.511241
 0.001066    0.860672   17.030298
0.25000    0.305780   37.037336    0.511241
 0.001066    0.418310   51.713591
0.50000    0.305780   63.757765    0.511241
 0.001066    0.037436   66.024488
0.75000    0.305780   86.196509    0.511241
 0.001066    0.346336   53.916661
1.00000    0.305780  103.137633    0.511241
 0.001066    0.686822   15.865302

COMB     DB ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.335474 -100.960693   -0.398061
-0.001266   -0.706587   -49.628892
0.25000   -0.335474   -83.160454   -0.398061
-0.001266   -0.356449   -27.074545
0.50000   -0.335474   -58.196773   -0.398061
-0.001266   -0.055743   -32.583787
0.75000   -0.335474   -34.094190   -0.398061
-0.001266   -0.480807   -38.097349
1.00000   -0.335474   -11.642951   -0.398061
-0.001266   -0.922809   -70.854770

COMB     DL ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.556997   19.593651    0.877844
 0.001069    1.485813   14.405199
0.25000    0.556997   25.172640    0.877844
 0.001069    0.725631   35.978415
0.50000    0.556997   52.175493    0.877844
 0.001069    0.037569   50.928760
0.75000    0.556997   81.654641    0.877844
 0.001069    0.662451   38.556522
1.00000    0.556997  108.124873    0.877844
 0.001069    1.320039   14.289489

COMB     DL ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.572817 -107.836611   -0.759992
-0.001155   -1.310471   -58.343394
0.25000   -0.572817   -83.411151   -0.759992
-0.001155   -0.652885   -31.307044
0.50000   -0.572817   -54.458093   -0.759992
-0.001155   -0.066633   -36.044172
0.75000   -0.572817   -26.560403   -0.759992
-0.001155   -0.795778   -40.934866
1.00000   -0.572817   -12.745513   -0.759992
-0.001155   -1.550044   -68.356281

COMB     CAR ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.556997   19.593651    0.877844
 0.001069    1.485813   17.030298
0.25000    0.556997   37.037336    0.877844
 0.001069    0.725631   50.713591
0.50000    0.556997   63.757765    0.877844
 0.001069    0.037569   66.024488
0.75000    0.556997   86.196509    0.877844
 0.001069    0.662451   53.916661
1.00000    0.556997  108.124873    0.877844
 0.001069    1.320039   15.865302
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4800

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     CAR ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.572817 -107.836611   -0.759992
-0.001266   -1.310471   -58.343394
0.25000   -0.572817   -83.411151   -0.759992
-0.001266   -0.652885   -31.307044
0.50000   -0.572817   -58.196773   -0.759992
-0.001266   -0.066963   -36.044172
0.75000   -0.572817   -34.094190   -0.759992
-0.001266   -0.795778   -40.934866
1.00000   -0.572817   -12.745513   -0.759992
-0.001266   -1.550044   -70.854770

COMB   DESIGN ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.556997   19.593651    0.877844
 0.001069    1.485813   17.030298
0.25000    0.556997   37.037336    0.877844
 0.001069    0.725631   50.713591
0.50000    0.556997   63.757765    0.877844
 0.001069    0.037569   66.024488
0.75000    0.556997   86.196509    0.877844
 0.001069    0.662451   53.916661
1.00000    0.556997  108.124873    0.877844
 0.001069    1.320039   15.865302

COMB   DESIGN ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.572817 -107.836611   -0.759992
-0.001266   -1.310471   -58.343394
0.25000   -0.572817   -83.411151   -0.759992
-0.001266   -0.652885   -31.307044
0.50000   -0.572817   -58.196773   -0.759992
-0.001266   -0.066963   -36.044172
0.75000   -0.572817   -34.094190   -0.759992
-0.001266   -0.795778   -40.934866
1.00000   -0.572817   -12.745513   -0.759992
-0.001266   -1.550044   -70.854770

ELEM      468 ================== LENGTH
=    4.942972

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.205815    0.135749    0.145310
3.80E-07    0.352603    0.808246
0.25000    0.205815    0.157513    0.145310
3.80E-07    0.173051    0.870077
0.50000    0.205815    0.188811    0.145310
3.80E-07    0.004813    0.912027
0.75000    0.205815    0.218975    0.145310
3.80E-07    0.141515    0.912315
1.00000    0.205815    0.244402    0.145310
3.80E-07    0.278150    0.880445

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.219745   -0.339303   -0.110581
-0.000639   -0.268465   -1.517721
0.25000   -0.219745   -0.303782   -0.110581
-0.000639   -0.131816   -1.581101
0.50000   -0.219745   -0.276598   -0.110581
-0.000639   -0.006275   -1.708403
0.75000   -0.219745   -0.244370   -0.110581
-0.000639   -0.158108   -1.839163
1.00000   -0.219745   -0.219552   -0.110581
-0.000639   -0.365676   -2.018481

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.278192    0.520730    0.246778
3.80E-07    0.597783    1.901312
0.25000    0.278192    1.130112    0.246778
3.80E-07    0.293184    3.335313
0.50000    0.278192    2.006450    0.246778
3.80E-07    0.009202    4.180666
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4801

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
          T          M2          M3
0.75000    0.278192    2.851038    0.246778
3.80E-07    0.233931    3.741499
1.00000    0.278192    3.702998    0.246778
3.80E-07    0.458795    2.499003

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.330654   -4.189111   -0.182286
-0.001181   -0.442746   -5.236600
0.25000   -0.330654   -3.194505   -0.182286
-0.001181   -0.217504   -3.810903
0.50000   -0.330654   -2.433373   -0.182286
-0.001181   -0.001523   -4.055902
0.75000   -0.330654   -1.530969   -0.182286
-0.001181   -0.317460   -4.431569
1.00000   -0.330654   -0.836085   -0.182286
-0.001181   -0.622417   -6.053511

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.290256    0.218220    0.292083
3.42E-07    0.706614    2.051271
0.25000    0.290256    0.237807    0.292083
3.42E-07    0.345696    2.254933
0.50000    0.290256    0.265975    0.292083
3.42E-07    0.010153    2.772292
0.75000    0.290256    0.293123    0.292083
3.42E-07    0.252865    3.488382
1.00000    0.290256    0.320507    0.292083
3.42E-07    0.496484    4.457233

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.306461   -1.302041   -0.197066
-0.001447   -0.481413   -5.243287
0.25000   -0.306461   -1.270072   -0.197066
-0.001447   -0.241101   -5.281990
0.50000   -0.306461   -1.245607   -0.197066
-0.001447   -0.015868   -5.378343
0.75000   -0.306461   -1.216601   -0.197066
-0.001447   -0.376205   -5.478242
1.00000   -0.306461   -1.194266   -0.197066
-0.001447   -0.737160   -5.623155

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.320690    6.756690    0.291467
0.000392    0.700134   10.998856
0.25000    0.320690   18.296862    0.291467
 0.000392    0.347319   37.968868
0.50000    0.320690   34.892515    0.291467
 0.000392    0.033330   54.196213
0.75000    0.320690   50.886904    0.291467
 0.000392    0.254821   43.741694
1.00000    0.320690   67.020895    0.291467
 0.000392    0.485530   12.644528

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.322013   -68.654338   -0.192778
-0.001199   -0.481593   -45.648934
0.25000   -0.322013   -49.818898   -0.192778
-0.001199   -0.247312   -15.860208
0.50000   -0.322013   -35.405043   -0.192778
-0.001199   -0.036678   -18.643235
0.75000   -0.322013   -18.315768   -0.192778
-0.001199   -0.387694   -22.345888
1.00000   -0.322013    -5.156407   -0.192778
-0.001199   -0.747894   -50.345016

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.050395    0.075360    0.105578
4.18E-06    0.254961    0.819553
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4802

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
          T          M2          M3
0.25000    0.050395    0.097124    0.105578
4.18E-06    0.124457    0.874666
0.50000    0.050395    0.128422    0.105578
4.18E-06    0.003381    0.986261
0.75000    0.050395    0.158586    0.105578
4.18E-06    0.089630    1.341287
1.00000    0.050395    0.189013    0.105578
4.18E-06    0.175870    1.887830

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.091215   -0.676475   -0.069774
-0.000598   -0.169016   -2.352636
0.25000   -0.091215   -0.640954   -0.069774
-0.000598   -0.082827   -2.287956
0.50000   -0.091215   -0.613770   -0.069774
-0.000598   -0.005990   -2.285128
0.75000   -0.091215   -0.581542   -0.069774
-0.000598   -0.136436   -2.285130
1.00000   -0.091215   -0.556724   -0.069774
-0.000598   -0.266939   -2.331161

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.117717    8.937015    0.182717
3.80E-07    0.432752   13.037127
0.25000    0.117717   24.737420    0.182717
 3.80E-07    0.217051   49.888589
0.50000    0.117717   47.459616    0.182717
 3.80E-07    0.116361   47.185370
0.75000    0.117717   69.358582    0.182717
 3.80E-07    0.142390   57.089382
1.00000    0.117717   91.448686    0.182717
 3.80E-07    0.257726   13.912715

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.116570   -93.080970   -0.101670
-0.000830   -0.260596   -58.263606
0.25000   -0.116570   -67.292260   -0.101670
-0.000830   -0.139673   -17.662951
0.50000   -0.116570   -47.557183   -0.101670
-0.000830   -0.037339   -21.395652
0.75000   -0.116570   -24.159138   -0.101670
-0.000830   -0.254620   -26.365778
1.00000   -0.116570    -6.141795   -0.101670
-0.000830   -0.480428   -64.598771

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.247425    8.141958    0.278129
3.42E-07    0.665147   12.416043
0.25000    0.247425   22.421084    0.278129
 3.42E-07    0.330569   45.716401
0.50000    0.247425   42.955565    0.278129
 3.42E-07    0.036518   65.583648
0.75000    0.247425   62.746077    0.278129
 3.42E-07    0.237069   52.243083
1.00000    0.247425   82.709323    0.278129
 3.42E-07    0.445958   13.230809

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.252037   -84.301155   -0.176552
-0.001256   -0.440185   -53.931906
0.25000   -0.252037   -60.995406   -0.176552
-0.001256   -0.226706   -17.337537
0.50000   -0.252037   -43.160442   -0.176552
-0.001256   -0.038787   -20.769308
0.75000   -0.252037   -22.015184   -0.176552
-0.001256   -0.374988   -25.338437
1.00000   -0.252037    -5.732569   -0.176552
-0.001256   -0.718690   -59.967801
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4803

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.294134    5.485504    0.273729
0.000683    0.658689    9.335835
0.25000    0.294134   14.854753    0.273729
 0.000683    0.326364   31.377305
0.50000    0.294134   28.326452    0.273729
 0.000683    0.029003   44.796036
0.75000    0.294134   41.313996    0.273729
 0.000683    0.237559   36.655511
1.00000    0.294134   54.412879    0.273729
 0.000683    0.455101   11.879068

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.285500   -56.174283   -0.180975
-0.001052   -0.449321   -38.627167
0.25000   -0.285500   -40.887211   -0.180975
-0.001052   -0.229202   -14.569917
0.50000   -0.285500   -29.179806   -0.180975
-0.001052   -0.033681   -16.778208
0.75000   -0.285500   -15.305345   -0.180975
-0.001052   -0.361986   -19.733029
1.00000   -0.285500    -4.621508   -0.180975
-0.001052   -0.700287   -42.412094

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.140465    0.086792    0.083076
0.001117    0.203549    1.008025
0.25000    0.140465    0.108556    0.083076
0.001117    0.100907    1.048203
0.50000    0.140465    0.139854    0.083076
0.001117    0.004035    1.546008
0.75000    0.140465    0.170018    0.083076
0.001117    0.083538    2.219746
1.00000    0.140465    0.200445    0.083076
0.001117    0.166550    2.943753

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.123482   -0.885565   -0.067186
-1.13E-05   -0.165567   -3.455527
0.25000   -0.123482   -0.850044   -0.067186
-1.13E-05   -0.082541   -3.364331
0.50000   -0.123482   -0.822860   -0.067186
-1.13E-05   -0.008325   -3.293845
0.75000   -0.123482   -0.790632   -0.067186
-1.13E-05   -0.104446   -3.225101
1.00000   -0.123482   -0.763647   -0.067186
-1.13E-05   -0.207111   -3.202182

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.220401   10.929932    0.149246
 0.001241    0.353828   15.876559
0.25000    0.220401   30.168993    0.149246
 0.001241    0.181668   60.680843
0.50000    0.220401   57.836240    0.149246
 0.001241    0.043774   87.429829
0.75000    0.220401   84.501093    0.149246
 0.001241    0.139342   69.442426
1.00000    0.220401  111.398689    0.149246
 0.001241    0.252199   16.674750

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.191785 -113.239044   -0.101601
-0.000121   -0.265816   -70.816968
0.25000   -0.191785   -81.837914   -0.101601
-0.000121   -0.140892   -21.350642
0.50000   -0.191785   -57.807875   -0.101601
-0.000121   -0.044691   -25.815473
0.75000   -0.191785   -29.317694   -0.101601
-0.000121   -0.211672   -31.810818
1.00000   -0.191785    -7.379221   -0.101601
-0.000121   -0.396095   -78.306593
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4804

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.225936    7.526432    0.212280
0.001130    0.508396   11.773107
0.25000    0.225936   20.728258    0.212280
 0.001130    0.254464   42.665012
0.50000    0.225936   39.713497    0.212280
 0.001130    0.034139   61.581816
0.75000    0.225936   58.010898    0.212280
 0.001130    0.178610   49.999345
1.00000    0.225936   76.468001    0.212280
 0.001130    0.334908   14.665624

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.190753   -78.517221   -0.133427
-0.000571   -0.336639   -51.960962
0.25000   -0.190753   -56.969794   -0.133427
-0.000571   -0.176770   -17.969087
0.50000   -0.190753   -40.480403   -0.133427
-0.000571   -0.038782   -20.985599
0.75000   -0.190753   -20.930466   -0.133427
-0.000571   -0.266891   -25.052578
1.00000   -0.190753    -5.876306   -0.133427
-0.000571   -0.549269   -56.911856

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.280281    6.270249    0.268168
0.000942    0.644815   10.297544
0.25000    0.280281   17.190158    0.268168
 0.000942    0.320360   35.872394
0.50000    0.280281   32.893824    0.268168
 0.000942    0.031208   51.523246
0.75000    0.280281   48.028543    0.268168
 0.000942    0.234491   41.973741
1.00000    0.280281   63.295361    0.268168
 0.000942    0.447421   12.955153

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.268697   -65.211399   -0.178065
-0.000926   -0.443700   -44.278637
0.25000   -0.268697   -47.388416   -0.178065
-0.000926   -0.227254   -16.201480
0.50000   -0.268697   -33.749194   -0.178065
-0.000926   -0.036578   -18.736301
0.75000   -0.268697   -17.578438   -0.178065
-0.000926   -0.356211   -22.140175
1.00000   -0.268697    -5.126369   -0.178065
-0.000926   -0.687653   -48.532817

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.409587    0.225583    0.233605
2.31E-07    0.570214    1.547656
0.25000    0.409587    0.232387    0.233605
2.31E-07    0.260879    1.552849
0.50000    0.409587    0.251430    0.233605
2.31E-07    0.007381    1.587118
0.75000    0.409587    0.272703    0.233605
2.31E-07    0.244339    1.634259
1.00000    0.409587    0.291532    0.233605
2.31E-07    0.486852    1.702722

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
          T          M2          M3
0.00000   -0.301884   -0.357670   -0.196183
-0.000649   -0.483081   -2.564811
0.25000   -0.301884   -0.340270   -0.196183
-0.000649   -0.240576   -2.459811
0.50000   -0.301884   -0.319319   -0.196183
-0.000649   -0.011290   -2.429142
0.75000   -0.301884   -0.299588   -0.196183
-0.000649   -0.293957   -2.442209
1.00000   -0.301884   -0.288438   -0.196183
-0.000649   -0.583339   -2.520475
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4805

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
          T          M2          M3
0.00000    0.497171    0.540160    0.400491
```

2.31E-07 0.976843 2.996082
0.25000 0.497171 0.737484 0.400491
2.31E-07 0.481215 3.580046
0.50000 0.497171 1.289732 0.400491
2.31E-07 0.013450 4.085012
0.75000 0.497171 1.906647 0.400491
2.31E-07 0.402493 3.988896
1.00000 0.497171 2.452688 0.400491
2.31E-07 0.802423 3.651036

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.530464	-2.902011	-0.323878
-0.001186	-0.798883	-7.124606	
0.25000	-0.530464	-2.397419	-0.323878
-0.001186	-0.398720	-5.787465	
0.50000	-0.530464	-1.789844	-0.323878
-0.001186	-0.022304	-5.523998	
0.75000	-0.530464	-1.217642	-0.323878
-0.001186	-0.505129	-5.424852	
1.00000	-0.530464	-0.894307	-0.323878
-0.001186	-1.001191	-6.101546	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.500310	0.379090	0.479919
6.65E-06	1.170724	4.335749	
0.25000	0.500310	0.385214	0.479919
6.65E-06	0.575467	4.308337	
0.50000	0.500310	0.402352	0.479919
6.65E-06	0.017353	4.537945	
0.75000	0.500310	0.421498	0.479919
6.65E-06	0.457534	5.119584	
1.00000	0.500310	0.438444	0.479919
6.65E-06	0.916169	5.907051	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.489822	-1.482013	-0.371268
-0.001360	-0.920455	-10.363611	
0.25000	-0.489822	-1.466353	-0.371268
-0.001360	-0.462676	-9.331626	
0.50000	-0.489822	-1.447497	-0.371268
-0.001360	-0.031072	-8.558125	
0.75000	-0.489822	-1.429739	-0.371268
-0.001360	-0.604972	-7.973972	
1.00000	-0.489822	-1.411705	-0.371268
-0.001360	-1.199636	-7.580315	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570208	5.973559	0.473978
0.000382	1.151399	10.071188	
0.25000	0.570208	10.734861	0.473978
0.000382	0.573590	25.033055	
0.50000	0.570208	24.060212	0.473978
0.000382	0.035682	36.135642	
0.75000	0.570208	38.945955	0.473978
0.000382	0.443127	28.072606	
1.00000	0.570208	52.121556	0.473978
0.000382	0.877866	11.421381	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490728	-53.330235	-0.355039
-0.001128	-0.890570	-39.028315	
0.25000	-0.490728	-41.154764	-0.355039
-0.001128	-0.453371	-17.576873	
0.50000	-0.490728	-26.494396	-0.355039
-0.001128	-0.046511	-18.786223	
0.75000	-0.490728	-12.687569	-0.355039
-0.001128	-0.605824	-20.612612	
1.00000	-0.490728	-4.885704	-0.355039
-0.001128	-1.192327	-39.050852	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4806
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068050	0.114604	0.175508
2.31E-06	0.427673	1.537600	
0.25000	0.068050	0.121408	0.175508
2.31E-06	0.210410	1.545323	
0.50000	0.068050	0.140451	0.175508
2.31E-06	0.006099	1.674291	
0.75000	0.068050	0.161724	0.175508
2.31E-06	0.159380	1.932424	
1.00000	0.068050	0.180553	0.175508
2.31E-06	0.319938	2.297033	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.209135	-0.723212	-0.129887
-0.000559	-0.322137	-4.610913	
0.25000	-0.209135	-0.705812	-0.129887
-0.000559	-0.161657	-4.028725	
0.50000	-0.209135	-0.684861	-0.129887
-0.000559	-0.012529	-3.600681	
0.75000	-0.209135	-0.665130	-0.129887
-0.000559	-0.272187	-3.277261	
1.00000	-0.209135	-0.653961	-0.129887
-0.000559	-0.439055	-3.044852	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.183957	8.534675	0.291495
2.31E-07	0.700766	10.768311	
0.25000	0.183957	15.781244	0.291495
2.31E-07	0.353971	33.769773	
0.50000	0.183957	36.062057	0.291495
2.31E-07	0.038525	50.617728	
0.75000	0.183957	58.717742	0.291495
2.31E-07	0.256163	37.766834	
1.00000	0.183957	78.770640	0.291495
2.31E-07	0.496150	11.638223	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.215896	-79.772103	-0.198908
-0.000722	-0.506341	-49.894286	
0.25000	-0.215896	-61.241376	-0.198908
-0.000722	-0.262665	-18.102615	
0.50000	-0.215896	-38.928704	-0.198908
-0.000722	-0.043144	-20.549566	
0.75000	-0.215896	-17.915099	-0.198908
-0.000722	-0.383216	-23.861736	
1.00000	-0.215896	-6.040878	-0.198908
-0.000722	-0.743443	-52.255892	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.400921	7.853152	0.445367
2.08E-07	1.077330	10.898381	
0.25000	0.400921	14.411807	0.445367
2.08E-07	0.538700	31.713045	
0.50000	0.400921	32.767371	0.445367
2.08E-07	0.040520	47.001297	
0.75000	0.400921	53.272362	0.445367
2.08E-07	0.416629	35.428238	
1.00000	0.400921	71.421647	0.445367
2.08E-07	0.817326	11.898724	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.422534	-72.456651	-0.328567
-0.001154	-0.824121	-47.574154	
0.25000	-0.422534	-55.685038	-0.328567
-0.001154	-0.419935	-18.730679	
0.50000	-0.422534	-35.490499	-0.328567
-0.001154	-0.048194	-20.916261	
0.75000	-0.422534	-16.471706	-0.328567
-0.001154	-0.575499	-23.918010	
1.00000	-0.422534	-5.724700	-0.328567
-0.001154	-1.126652	-49.652516	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4807
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.478596	4.961548	0.447847
0.000666	1.089594	9.294661	
0.25000	0.478596	8.916541	0.447847
0.000666	0.542751	21.733806	
0.50000	0.478596	19.985295	0.447847
0.000666	0.032958	31.076786	
0.75000	0.478596	32.350194	0.447847
0.000666	0.404941	24.593254	
1.00000	0.478596	43.294557	0.447847
0.000666	0.806511	11.062020	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.462700	-44.743723	-0.327610
-0.000968	-0.823331	-35.801731	
0.25000	-0.462700	-34.630122	-0.327610
-0.000968	-0.420027	-17.621965	
0.50000	-0.462700	-22.452431	-0.327610
-0.000968	-0.045010	-18.316708	
0.75000	-0.462700	-10.983738	-0.327610
-0.000968	-0.570358	-19.601649	
1.00000	-0.462700	-4.503090	-0.327610
-0.000968	-1.124608	-34.713202	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217272	0.112213	0.134400
0.001161	0.331772	2.030847	
0.25000	0.217272	0.119017	0.134400
0.001161	0.166484	2.127544	
0.50000	0.217272	0.138060	0.134400
0.001161	0.005305	2.365338	
0.75000	0.217272	0.159333	0.134400
0.001161	0.108440	2.749899	
1.00000	0.217272	0.178162	0.134400
0.001161	0.225105	3.240341	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.208296	-0.959921	-0.094441
-9.11E-06	-0.241581	-6.797385	
0.25000	-0.208296	-0.942522	-0.094441
-9.11E-06	-0.124836	-6.018591	
0.50000	-0.208296	-0.921571	-0.094441
-9.11E-06	-0.013465	-5.390809	
0.75000	-0.208296	-0.901840	-0.094441
-9.11E-06	-0.165386	-4.861450	
1.00000	-0.208296	-0.885592	-0.094441
-9.11E-06	-0.331724	-4.448349	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.391208	12.104312	0.231919
0.001250	0.556073	14.252303	
0.25000	0.391208	22.392398	0.231919
0.001250	0.290393	46.877361	
0.50000	0.391208	51.185440	0.231919
0.001250	0.047745	70.699542	
0.75000	0.391208	83.350131	0.231919
0.001250	0.135111	52.271012	
1.00000	0.391208	111.819598	0.231919
0.001250	0.372952	14.906548	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.279447	-112.863281	-0.150811
-8.35E-05	-0.399481	-68.316245	
0.25000	-0.279447	-86.554868	-0.150811
-8.35E-05	-0.213296	-23.545936	
0.50000	-0.279447	-54.877159	-0.150811
-8.35E-05	-0.050285	-27.293961	
0.75000	-0.279447	-25.043759	-0.150811
-8.35E-05	-0.309297	-32.170293	
1.00000	-0.279447	-8.185711	-0.150811
-8.35E-05	-0.595206	-72.579850	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4808
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.361835	8.779377	0.343767
0.001137	0.832155	12.286898	
0.25000	0.361835	16.195372	0.343767
0.001137	0.421128	35.911701	
0.50000	0.361835	36.950357	0.343767
0.001137	0.041666	53.342939	
0.75000	0.361835	60.135738	0.343767
0.001137	0.269271	40.454803	
1.00000	0.361835	80.657479	0.343767
0.001137	0.569584	14.038942	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.315235	-82.210660	-0.231780
-0.000455	-0.595707	-55.599944	
0.25000	-0.315235	-63.246679	-0.231780
-0.000455	-0.310304	-22.594769	
0.50000	-0.315235	-40.412331	-0.231780
-0.000455	-0.051493	-24.681541	
0.75000	-0.315235	-18.907421	-0.231780
-0.000455	-0.444928	-27.690365	
1.00000	-0.315235	-6.755578	-0.231780
-0.000455	-0.869679	-56.428659	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.439672	7.375966	0.435063
0.000948	1.055836	11.244089	
0.25000	0.439672	13.530447	0.435063
0.000948	0.529361	30.816739	
0.50000	0.439672	30.754856	0.435063
0.000948	0.039290	45.302723	
0.75000	0.439672	49.996233	0.435063
0.000948	0.387100	34.717169	
1.00000	0.439672	67.027075	0.435063
0.000948	0.766315	12.984646	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.469606	-68.541937	-0.310968
-0.000832	-0.787023	-48.702865	
0.25000	-0.469606	-52.803868	-0.310968
-0.000832	-0.403724	-21.094282	
0.50000	-0.469606	-33.853810	-0.310968
-0.000832	-0.051137	-22.675385	
0.75000	-0.469606	-16.007044	-0.310968
-0.000832	-0.558186	-25.084778	
1.00000	-0.469606	-5.922319	-0.310968
-0.000832	-1.096184	-48.908942	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.320690	10.929932	0.292083
0.001241	0.706614	15.876559	
0.25000	0.320690	30.168993	0.292083
0.001241	0.347319	60.680843	
0.50000	0.320690	57.836240	0.292083
0.001241	0.043774	87.429829	
0.75000	0.320690	84.501097	0.292083
0.001241	0.254821	69.442426	
1.00000	0.320690	111.398689	0.292083
0.001241	0.496484	16.674750	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.330654	-113.239044	-0.197066
-0.001447	-0.481593	-70.816968	
0.25000	-0.330654	-81.837914	-0.197066
-0.001447	-0.247512	-21.350642	
0.50000	-0.330654	-57.807875	-0.197066
-0.001447	-0.044691	-25.815473	
0.75000	-0.330654	-29.317694	-0.197066
-0.001447	-0.387694	-31.810818	
1.00000	-0.330654	-7.379221	-0.197066
-0.001447	-0.747894	-78.306593	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4809
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570208	12.104312	0.479919
0.001250	1.170724	14.252303	
0.25000	0.570208	22.392398	0.479919
0.001250	0.575467	46.877361	
0.50000	0.570208	51.185440	0.479919
0.001250	0.047745	70.699542	
0.75000	0.570208	83.350131	0.479919
0.001250	0.457534	52.271012	
1.00000	0.570208	111.819598	0.479919
0.001250	0.916169	14.906548	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.530464	-112.863281	-0.371268
-0.001360	-0.920455	-68.316245	
0.25000	-0.530464	-86.554868	-0.371268
-0.001360	-0.462676	-23.545936	
0.50000	-0.530464	-54.877159	-0.371268
-0.001360	-0.051493	-27.293961	
0.75000	-0.530464	-25.043759	-0.371268
-0.001360	-0.605824	-32.170293	
1.00000	-0.530464	-8.185711	-0.371268
-0.001360	-1.199636	-72.579850	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570208	12.104312	0.479919
0.001250	1.170724	15.876559	
0.25000	0.570208	30.168993	0.479919
0.001250	0.575467	60.680843	
0.50000	0.570208	57.836240	0.479919
0.001250	0.047745	87.429829	
0.75000	0.570208	84.501097	0.479919
0.001250	0.457534	69.442426	
1.00000	0.570208	111.819598	0.479919
0.001250	0.916169	16.674750	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.530464	-113.239044	-0.371268
-0.001447	-0.481593	-70.816968	
0.25000	-0.530464	-86.554868	-0.371268
-0.001447	-0.462676	-23.545936	
0.50000	-0.530464	-57.807875	-0.371268
-0.001447	-0.051493	-27.293961	
0.75000	-0.530464	-29.317694	-0.371268
-0.001447	-0.605824	-32.170293	
1.00000	-0.530464	-8.185711	-0.371268
-0.001447	-1.199636	-78.306593	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570208	12.104312	0.479919
0.001250	1.170724	15.876559	
0.25000	0.570208	30.168993	0.479919
0.001250	0.575467	60.680843	
0.50000	0.570208	57.836240	0.479919
0.001250	0.047745	87.429829	
0.75000	0.570208	84.501097	0.479919
0.001250	0.457534	69.442426	
1.00000	0.570208	111.819598	0.479919
0.001250	0.916169	16.674750	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.530464	-113.239044	-0.371268
-0.001447	-0.920455	-70.816968	
0.25000	-0.530464	-86.554868	-0.371268
-0.001447	-0.462676	-23.545936	
0.50000	-0.530464	-57.807875	-0.371268
-0.001447	-0.051493	-27.293961	
0.75000	-0.530464	-29.317694	-0.371268
-0.001447	-0.605824	-32.170293	
1.00000	-0.530464	-8.185711	-0.371268
-0.001447	-1.199636	-78.306593	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4810
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 469 ========== LENGTH = 4.942569

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209556	0.097055	0.154159
4.52E-07	0.382371	0.875690	
0.25000	0.209556	0.120724	0.154159
4.52E-07	0.191909	1.057637	
0.50000	0.209556	0.152116	0.154159
4.52E-07	0.004782	1.323484	
0.75000	0.209556	0.181588	0.154159
4.52E-07	0.145669	1.559730	
1.00000	0.209556	0.212365	0.154159
4.52E-07	0.290954	1.774158	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.225151	-0.378396	-0.117591
-0.000653	-0.290272	-2.004326	
0.25000	-0.225151	-0.347239	-0.117591
-0.000653	-0.144971	-1.937396	
0.50000	-0.225151	-0.317618	-0.117591
-0.000653	-0.007100	-1.925341	
0.75000	-0.225151	-0.286362	-0.117591
-0.000653	-0.189133	-1.914253	
1.00000	-0.225151	-0.262415	-0.117591
-0.000653	-0.379604	-1.957087	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.290812	0.491020	0.261084
1.90E-06	0.648191	2.481733	
0.25000	0.290812	1.153772	0.261084
1.90E-06	0.325802	4.269251	
0.50000	0.290812	2.037470	0.261084
1.90E-06	0.012109	5.474077	
0.75000	0.290812	2.857944	0.261084
1.90E-06	0.240733	5.380627	
1.00000	0.290812	3.719703	0.261084
1.90E-06	0.479974	4.347184	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.336100	-4.168000	-0.193962
-0.001183	-0.479342	-6.029685	
0.25000	-0.336100	-3.295590	-0.193962
-0.001183	-0.239669	-4.459084	
0.50000	-0.336100	-2.471813	-0.193962
-0.001183	-0.013753	-4.408389	
0.75000	-0.336100	-1.591049	-0.193962
-0.001183	-0.320673	-4.375912	
1.00000	-0.336100	-0.920543	-0.193962
-0.001183	-0.643244	-5.825275	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.320259	0.286358	0.306966
4.07E-07	0.763408	4.425205	
0.25000	0.320259	0.307661	0.306966
4.07E-07	0.384241	4.797196	
0.50000	0.320259	0.335913	0.306966
4.07E-07	0.019142	5.438624	
0.75000	0.320259	0.362438	0.306966
4.07E-07	0.260687	6.335939	
1.00000	0.320259	0.390137	0.306966
4.07E-07	0.520632	7.394457	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.312143	-1.199348	-0.210285
-0.001380	-0.518795	-5.592119	
0.25000	-0.312143	-1.171306	-0.210285
-0.001380	-0.258836	-5.400277	
0.50000	-0.312143	-1.144828	-0.210285
-0.001380	-0.017450	-5.258232	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4811
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.312143	-1.116518	-0.210285
-0.001380	-0.374761	-5.116772	
1.00000	-0.312143	-1.094966	-0.210285
-0.001380	-0.754052	-5.024375	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.348525	6.466921	0.304306
0.000432	0.761485	12.615025	
0.25000	0.348525	19.017792	0.304306
0.000432	0.388991	43.647555	
0.50000	0.348525	35.663251	0.304306
0.000432	0.048133	59.080234	
0.75000	0.348525	51.290644	0.304306
0.000432	0.259713	47.428288	
1.00000	0.348525	67.610109	0.304306
0.000432	0.501480	16.130230	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.326527	-68.696640	-0.203019
-0.001144	-0.514185	-50.317599	
0.25000	-0.326527	-52.175382	-0.203019
-0.001144	-0.263223	-21.457824	
0.50000	-0.326527	-36.575098	-0.203019
-0.001144	-0.042297	-25.162245	
0.75000	-0.326527	-19.895629	-0.203019
-0.001144	-0.385397	-21.611161	
1.00000	-0.326527	-7.197931	-0.203019
-0.001144	-0.761109	-49.896674	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075387	0.105653	0.110785
4.44E-06	0.275525	1.870837	
0.25000	0.075387	0.129323	0.110785
4.44E-06	0.138709	2.045706	
0.50000	0.075387	0.160714	0.110785
4.44E-06	0.008648	2.322707	
0.75000	0.075387	0.190186	0.110785
4.44E-06	0.092466	2.690830	
1.00000	0.075387	0.220963	0.110785
4.44E-06	0.184557	3.101694	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090266	-0.589646	-0.074516
-0.000562	-0.183782	-2.319994	
0.25000	-0.090266	-0.559488	-0.074516
-0.000562	-0.091676	-2.195013	
0.50000	-0.090266	-0.529068	-0.074516
-0.000562	-0.006618	-2.124356	
0.75000	-0.090266	-0.497612	-0.074516
-0.000562	-0.135272	-2.054416	
1.00000	-0.090266	-0.473665	-0.074516
-0.000562	-0.272104	-2.037347	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.148208	8.534569	0.188412
3.93E-05	0.476749	13.884429	
0.25000	0.148208	25.718788	0.188412
3.93E-05	0.248751	56.077351	
0.50000	0.148208	48.509176	0.188412
3.93E-05	0.051781	76.721120	
0.75000	0.148208	69.905527	0.188412
3.93E-05	0.142172	60.077714	
1.00000	0.148208	92.249712	0.188412
3.93E-05	0.262950	16.372376	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116284	-93.160544	-0.106714
-0.000742	-0.281228	-64.584805	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4812
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A

L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.116284 -70.540208 -0.106714
-0.000742 -0.149229 -25.186846
0.50000 -0.116284 -49.180837 -0.106714
-0.000742 -0.044128 -25.170717
0.75000 -0.116284 -26.343883 -0.106714
-0.000742 -0.247455 -25.626258
1.00000 -0.116284 -8.958634 -0.106714
-0.000742 -0.479866 -64.467037

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.278480 7.776171 0.289923
3.55E-05 0.727897 13.182886
0.25000 0.278480 23.305877 0.289923
3.55E-05 0.373839 51.517614
0.50000 0.278480 43.901983 0.289923
3.55E-05 0.051039 70.375460
0.75000 0.278480 63.238272 0.289923
3.55E-05 0.240095 55.543964
1.00000 0.278480 83.431137 0.289923
3.55E-05 0.460574 16.262154

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.255812 -84.393544 -0.186535
-0.001189 -0.476496 -59.944381
0.25000 -0.255812 -63.951116 -0.186535
-0.001189 -0.245875 -24.321952
0.50000 -0.255812 -44.648247 -0.186535
-0.001189 -0.045390 -24.289725
0.75000 -0.255812 -24.010057 -0.186535
-0.001189 -0.370330 -24.683915
1.00000 -0.255812 -8.298677 -0.186535
-0.001189 -0.728208 -59.768528

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.322330 5.318635 0.285027
0.000718 0.712487 11.832485
0.25000 0.322330 15.508451 0.285027
0.000718 0.363174 37.158560
0.50000 0.322330 29.022586 0.285027
0.000718 0.045471 49.865610
0.75000 0.322330 41.710092 0.285027
0.000718 0.241440 40.686902
1.00000 0.322330 54.959639 0.285027
0.000718 0.469878 15.649939

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.289510 -56.148341 -0.190165
-0.000995 -0.479955 -42.385283
0.25000 -0.289510 -42.735043 -0.190165
-0.000995 -0.044863 -18.857595
0.50000 -0.289510 -30.069465 -0.190165
-0.000995 -0.038253 -18.718834
0.75000 -0.289510 -16.527718 -0.190165
-0.000995 -0.359410 -18.841695
1.00000 -0.289510 -6.218696 -0.190165
-0.000995 -0.711380 -41.726869

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.143652 0.107192 0.085720
0.001107 0.211782 2.934627
0.25000 0.143652 0.130852 0.085720
0.001107 0.105866 3.227295
0.50000 0.143652 0.162253 0.085720
0.001107 0.011875 3.645628
0.75000 0.143652 0.191725 0.085720
0.001107 0.084932 4.199222
1.00000 0.143652 0.222502 0.085720
0.001107 0.169704 4.813742

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4813

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.131473 -0.813325 -0.068668
-8.68E-06 -0.169710 -3.193249
0.25000 -0.131473 -0.782168 -0.068668
-8.68E-06 -0.084861 -2.980825
0.50000 -0.131473 -0.752747 -0.068668
-8.68E-06 -0.000187 -2.768245
0.75000 -0.131473 -0.721291 -0.068668
-8.68E-06 -0.106014 -2.665131
1.00000 -0.131473 -0.697345 -0.068668
-8.68E-06 -0.211936 -2.560492

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.225833 10.384944 0.151996
0.001341 0.385517 16.657690
0.25000 0.225833 31.308980 0.151996
0.001341 0.203440 68.117751
0.50000 0.225833 59.059259 0.151996
0.001341 0.061322 93.272199
0.75000 0.225833 85.112116 0.151996
0.001341 0.133204 72.952029
1.00000 0.225833 112.319085 0.151996
0.001341 0.240514 19.644794

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.197906 -113.404813 -0.098143
-8.89E-05 -0.266238 -78.297738
0.25000 -0.197906 -85.861594 -0.098143
-8.89E-05 -0.144978 -30.281846
0.50000 -0.197906 -59.853766 -0.098143
-8.89E-05 -0.051785 -30.218525
0.75000 -0.197906 -32.046785 -0.098143
-8.89E-05 -0.209105 -30.729673
1.00000 -0.197906 -10.877970 -0.098143
-8.89E-05 -0.396384 -77.979634

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.257640 7.236376 0.218247
0.001162 0.548350 14.635747
0.25000 0.257640 21.594431 0.218247
0.001162 0.282651 50.135566
0.50000 0.257640 40.636648 0.218247
0.001162 0.055003 67.756574
0.75000 0.257640 58.514094 0.218247
0.001162 0.179471 54.392561
1.00000 0.257640 77.183492 0.218247
0.001162 0.340995 18.522375

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.196465 -78.519153 -0.138213
-0.000495 -0.356088 -56.892645
0.25000 -0.196465 -59.619020 -0.138213
-0.000495 -0.185189 -23.813674
0.50000 -0.196465 -41.772472 -0.138213
-0.000495 -0.044386 -23.639686
0.75000 -0.196465 -22.691347 -0.138213
-0.000495 -0.282138 -23.859797
1.00000 -0.196465 -8.165326 -0.138213
-0.000495 -0.551537 -56.152236

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.308140 6.047873 0.278356
0.000968 0.696392 12.912568
0.25000 0.308140 17.924157 0.278356
0.000968 0.355751 42.382266
0.50000 0.308140 33.674952 0.278356
0.000968 0.049761 57.123476
0.75000 0.308140 48.462306 0.278356
0.000968 0.237794 46.292316
1.00000 0.308140 63.904723 0.278356
0.000968 0.460459 16.893883

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4814

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.275186 -65.192228 -0.186401
-0.000863 -0.472401 -48.508035
0.25000 -0.275186 -49.558950 -0.186401
-0.000863 -0.241982 -21.119761
0.50000 -0.275186 -34.797162 -0.186401
-0.000863 -0.041430 -20.948891
0.75000 -0.275186 -19.014185 -0.186401
-0.000863 -0.353245 -21.104176
1.00000 -0.275186 -6.998966 -0.186401
-0.000863 -0.696951 -47.788559

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.427292 0.147337 0.236816
2.70E-07 0.590532 1.701486
0.25000 0.427292 0.155291 0.236816
2.70E-07 0.297648 1.856081
0.50000 0.427292 0.174477 0.236816
2.70E-07 0.006837 2.062781
0.75000 0.427292 0.195403 0.236816
2.70E-07 0.226607 2.350005
1.00000 0.427292 0.217139 0.236816
2.70E-07 0.459410 2.674134

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.302928 -0.425109 -0.188517
-0.000656 -0.472467 -2.534492
0.25000 -0.302928 -0.406832 -0.188517
-0.000656 -0.239435 -2.388496
0.50000 -0.302928 -0.385926 -0.188517
-0.000656 -0.009096 -2.326564
0.75000 -0.302928 -0.366863 -0.188517
-0.000656 -0.285532 -2.391136
1.00000 -0.302928 -0.358336 -0.188517
-0.000656 -0.578503 -2.534186

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.541416 0.508371 0.403135
1.25E-06 1.007092 3.644737
0.25000 0.541416 0.739043 0.403135
1.25E-06 0.508719 4.572928
0.50000 0.541416 1.295441 0.403135
1.25E-06 0.015372 5.344353
0.75000 0.541416 1.902292 0.403135
1.25E-06 0.372924 5.569010
1.00000 0.541416 2.434989 0.403135
1.25E-06 0.756756 5.599782

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.510836 -2.945632 -0.310856
-0.001171 -0.779968 -6.131503
0.25000 -0.510836 -2.415609 -0.310856
-0.001171 -0.395761 -5.004317
0.50000 -0.510836 -1.809325 -0.310856
-0.001171 -0.016444 -4.822421
0.75000 -0.510836 -1.251277 -0.310856
-0.001171 -0.484971 -4.877093
1.00000 -0.510836 -1.009210 -0.310856
-0.001171 -0.983738 -5.838629

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.555917 0.485114 0.479073
6.80E-06 1.200660 5.896125
0.25000 0.555917 0.492273 0.479073
6.80E-06 0.607722 6.123437
0.50000 0.555917 0.509541 0.479073
6.80E-06 0.023640 6.614363
0.75000 0.555917 0.528374 0.479073
6.80E-06 0.415951 7.571275
1.00000 0.555917 0.544906 0.479073
6.80E-06 0.848453 8.772249

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4815

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.466127 -1.449118 -0.349951
-0.001286 -0.880907 -7.617499
0.25000 -0.466127 -1.432669 -0.349951
-0.001286 -0.448438 -6.954898
0.50000 -0.466127 -1.413853 -0.349951
-0.001286 -0.022495 -6.507417
0.75000 -0.466127 -1.396534 -0.349951
-0.001286 -0.571743 -6.396577
1.00000 -0.466127 -1.389022 -0.349951
-0.001286 -1.164983 -6.554783

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.607447 5.917084 0.468649
0.000400 1.177370 11.398092
0.25000 0.607447 11.483055 0.468649
0.000400 0.604629 28.821039
0.50000 0.607447 24.908542 0.468649
0.000400 0.047215 39.493065
0.75000 0.607447 39.551450 0.468649
0.000400 0.395070 30.977944
1.00000 0.607447 52.405048 0.468649
0.000400 0.792986 15.138370

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.482523 -53.667601 -0.328815
-0.001067 -0.841926 -39.076819
0.25000 -0.482523 -40.878507 -0.328815
-0.001067 -0.435575 -18.691829
0.50000 -0.482523 -26.249290 -0.328815
-0.001067 -0.038347 -18.296477
0.75000 -0.482523 -12.783973 -0.328815
-0.001067 -0.567538 -18.264110
1.00000 -0.482523 -6.943069 -0.328815
-0.001067 -1.146071 -37.609163

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.101568 0.197458 0.173715
2.38E-06 0.436180 2.292833
0.25000 0.101568 0.205412 0.173715
2.38E-06 0.221095 2.440375
0.50000 0.101568 0.224598 0.173715
2.38E-06 0.010049 2.659068
0.75000 0.101568 0.245524 0.173715
2.38E-06 0.145657 3.000447
1.00000 0.101568 0.263893 0.173715
2.38E-06 0.297265 3.447678

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.186125 -0.655490 -0.122616
-0.000505 -0.308543 -3.062338
0.25000 -0.186125 -0.637213 -0.122616
-0.000505 -0.157184 -2.747955
0.50000 -0.186125 -0.616307 -0.122616
-0.000505 -0.008212 -2.543957
0.75000 -0.186125 -0.597064 -0.122616
-0.000505 -0.206710 -2.478323
1.00000 -0.186125 -0.583717 -0.122616
-0.000505 -0.421833 -2.535592

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.219254 8.435105 0.285288
3.73E-05 0.720024 11.626642
0.25000 0.219254 16.906358 0.285288
3.73E-05 0.377617 38.040236
0.50000 0.219254 37.339575 0.285288
3.73E-05 0.050536 53.919666
0.75000 0.219254 50.625673 0.285288
3.73E-05 0.224230 39.962024
1.00000 0.219254 79.188491 0.285288
3.73E-05 0.436934 14.614291

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4816

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.192640 -80.262378 -0.182386
-0.000634 -0.479762 -52.280638
0.25000 -0.192640 -60.797732 -0.182386
-0.000634 -0.254165 -21.852626
0.50000 -0.192640 -38.532472 -0.182386
-0.000634 -0.036983 -21.678026
0.75000 -0.192640 -18.038635 -0.182386
-0.000634 -0.352675 -21.781840
1.00000 -0.192640 -9.148941 -0.182386
-0.000634 -0.703717 -51.126668

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.451954 7.733284 0.441462
3.38E-05 1.109170 11.883585
0.25000 0.451954 15.400364 0.441462
3.38E-05 0.572538 35.916108
0.50000 0.451954 33.893865 0.441462
3.38E-05 0.051598 50.457936
0.75000 0.451954 54.064352 0.441462
3.38E-05 0.374759 38.073788
1.00000 0.451954 71.770881 0.441462
3.38E-05 0.744091 15.419577

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.395193 -72.927197 -0.308152
-0.001099 -0.792713 -49.677319
0.25000 -0.395193 -55.310322 -0.308152
-0.001099 -0.411794 -22.049337
0.50000 -0.395193 -35.158693 -0.308152
-0.001099 -0.040445 -21.839736
0.75000 -0.395193 -16.610328 -0.308152
-0.001099 -0.368398 -21.885519
1.00000 -0.395193 -8.564529 -0.308152
-0.001099 -1.084371 -48.479672

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.509434 5.002897 0.439455
0.000677 1.105778 11.031156
0.25000 0.509434 9.626292 0.439455
0.000677 0.567852 25.550157
0.50000 0.509434 20.778224 0.439455
0.000677 0.051487 34.648908
0.75000 0.509434 32.941411 0.439455
0.000677 0.357579 27.710199
1.00000 0.509434 43.618301 0.439455
0.000677 0.721307 14.882586

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.460800 -44.976016 -0.299760
-0.000920 -0.768463 -34.722220
0.25000 -0.460800 -34.352706 -0.299760
-0.000920 -0.397912 -17.567596
0.50000 -0.460800 -22.200891 -0.299760
-0.000920 -0.036360 -17.055283
0.75000 -0.460800 -11.015875 -0.299760
-0.000920 -0.529145 -16.794915
1.00000 -0.460800 -6.164106 -0.299760
-0.000920 -1.071933 -32.806241

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.195526 0.197408 0.126836
0.001091 0.320777 3.210066
0.25000 0.195526 0.205362 0.126836
0.001091 0.163934 3.410184
0.50000 0.195526 0.224548 0.126836
0.001091 0.012961 3.726112
0.75000 0.195526 0.245474 0.126836
0.001091 0.090301 4.191547
1.00000 0.195526 0.263843 0.126836
0.001091 0.188940 4.842117

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4817

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.246153 -0.920784 -0.079507
-7.12E-06 -0.204007 -4.427477
0.25000 -0.246153 -0.902507 -0.079507
-7.12E-06 -0.105830 -3.901258
0.50000 -0.246153 -0.881601 -0.079507
-7.12E-06 -0.010335 -3.500922
0.75000 -0.246153 -0.862358 -0.079507
-7.12E-06 -0.147721 -3.204325
1.00000 -0.246153 -0.854010 -0.079507
-7.12E-06 -0.304619 -3.139982

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.362834 11.836025 0.219703
0.001280 0.557354 14.864350
0.25000 0.362834 23.862817 0.219703
0.001280 0.301196 52.351030
0.50000 0.362834 52.872230 0.219703
0.001280 0.064445 74.793884
0.75000 0.362834 84.512211 0.219703
0.001280 0.159524 54.731583
1.00000 0.362834 112.285903 0.219703
0.001280 0.298078 18.450643

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.320973 -113.645191 -0.126907
-6.75E-05 -0.350930 -72.559885
0.25000 -0.320973 -86.010877 -0.126907
-6.75E-05 -0.194349 -29.507192
0.50000 -0.320973 -54.400479 -0.126907
-6.75E-05 -0.046407 -29.314974
0.75000 -0.320973 -25.305005 -0.126907
-6.75E-05 -0.278814 -29.320009
1.00000 -0.320973 -12.684144 -0.126907
-6.75E-05 -0.547122 -70.840880

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.364869 8.727888 0.330528
0.001117 0.835841 13.999193
0.25000 0.364869 17.397201 0.330528
0.001117 0.438015 41.157632
0.50000 0.364869 38.308153 0.330528
0.001117 0.060028 57.619111
0.75000 0.364869 61.115305 0.330528
0.001117 0.245283 43.621975
1.00000 0.364869 81.135509 0.330528
0.001117 0.483646 18.116777

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.338717 -82.701417 -0.203376
-0.000384 -0.536950 -56.425772
0.25000 -0.338717 -62.781683 -0.203376
-0.000384 -0.285699 -24.918261
0.50000 -0.338717 -39.995854 -0.203376
-0.000384 -0.044156 -24.432886
0.75000 -0.338717 -19.022866 -0.203376
-0.000384 -0.403306 -24.275489
1.00000 -0.338717 -2.925329 -0.203376
-0.000384 -0.810119 -54.199377

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.460743 7.348105 0.424490
0.000931 1.069275 12.948018
0.25000 0.460743 14.542704 0.424490
0.000931 0.553166 35.566765
0.50000 0.460743 31.896549 0.424490
0.000931 0.055518 49.367397
0.75000 0.460743 58.824037 0.424490
0.000931 0.340406 38.003424
1.00000 0.460743 67.438657 0.424490
0.000931 0.679195 17.131499

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4818

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.476436 -68.940754 -0.282871
-0.000765 -0.731698 -48.912756
0.25000 -0.476436 -52.409513 -0.282871
-0.000765 -0.382128 -22.644839
0.50000 -0.476436 -33.499721 -0.282871
-0.000765 -0.042485 -22.168260
0.75000 -0.476436 -16.094393 -0.282871
-0.000765 -0.514863 -22.036458
1.00000 -0.476436 -8.544414 -0.282871
-0.000765 -1.038595 -46.909472

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.348525 10.384944 0.306966
0.001341 0.763408 16.657690
0.25000 0.348525 31.308980 0.306966
0.001341 0.388991 68.117751
0.50000 0.348525 59.059259 0.306966
0.001341 0.061322 93.272199
0.75000 0.348525 85.112116 0.306966
0.001341 0.260687 72.952029
1.00000 0.348525 112.319085 0.306966
0.001341 0.520632 19.644794

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.336100 -113.404813 -0.210285
-0.001380 -0.518795 -78.297738
0.25000 -0.336100 -85.861594 -0.210285
-0.001380 -0.263223 -30.281846
0.50000 -0.336100 -59.853766 -0.210285
-0.001380 -0.051785 -30.218525
0.75000 -0.336100 -32.046785 -0.210285
-0.001380 -0.385397 -30.729673
1.00000 -0.336100 -10.877970 -0.210285
-0.001380 -0.761109 -77.979634

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.607447 11.836025 0.479073
0.001280 1.200660 14.864350
0.25000 0.607447 23.862817 0.479073
0.001280 0.607722 52.351030
0.50000 0.607447 52.872230 0.479073
0.001280 0.064445 74.793884
0.75000 0.607447 84.512211 0.479073
0.001280 0.415951 54.731583
1.00000 0.607447 112.285903 0.479073
0.001280 0.848453 18.450643

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.510836 -113.645191 -0.349951
-0.001286 -0.880907 -72.559885
0.25000 -0.510836 -86.010877 -0.349951
-0.001286 -0.448438 -29.507192
0.50000 -0.510836 -54.400479 -0.349951
-0.001286 -0.046407 -29.314974
0.75000 -0.510836 -25.305005 -0.349951
-0.001286 -0.571743 -29.320009
1.00000 -0.510836 -12.684144 -0.349951
-0.001286 -1.164983 -70.840880

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.607447 11.836025 0.479073
0.001341 1.200660 16.657690
0.25000 0.607447 31.308980 0.479073
0.001341 0.607722 68.117751
0.50000 0.607447 59.059259 0.479073
0.001341 0.064445 93.272199
0.75000 0.607447 85.112116 0.479073
0.001341 0.415951 72.952029
1.00000 0.607447 112.319085 0.479073
0.001341 0.848453 19.644794

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.510836	-113.645191	-0.349951
-0.001380	-0.880907	-78.297738	
0.25000	-0.510836	-86.010877	-0.349951
-0.001380	-0.448438	-30.281846	
0.50000	-0.510836	-59.853766	-0.349951
-0.001380	-0.051785	-30.218525	
0.75000	-0.510836	-32.046785	-0.349951
-0.001380	-0.571743	-30.729673	
1.00000	-0.510836	-12.684144	-0.349951
-0.001380	-1.164983	-77.979634	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.607447	11.836025	0.479073
0.001341	1.200660	16.657690	
0.25000	0.607447	31.308980	0.479073
0.001341	0.607722	68.117751	
0.50000	0.607447	59.059259	0.479073
0.001341	0.064445	93.272199	
0.75000	0.607447	85.112116	0.479073
0.001341	0.415951	72.952029	
1.00000	0.607447	112.319085	0.479073
0.001341	0.848453	19.644794	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.510836	-113.645191	-0.349951
-0.001380	-0.880907	-78.297738	
0.25000	-0.510836	-86.010877	-0.349951
-0.001380	-0.448438	-30.281846	
0.50000	-0.510836	-59.853766	-0.349951
-0.001380	-0.051785	-30.218525	
0.75000	-0.510836	-32.046785	-0.349951
-0.001380	-0.571743	-30.729673	
1.00000	-0.510836	-12.684144	-0.349951
-0.001380	-1.164983	-77.979634	

ELEM 470 ========== LENGTH = 4.943243

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220408	0.115368	0.146915
3.76E-07	0.368447	1.740339	
0.25000	0.220408	0.139142	0.146915
3.76E-07	0.186898	2.064845	
0.50000	0.220408	0.170533	0.146915
3.76E-07	0.008868	2.371970	
0.75000	0.220408	0.199354	0.146915
3.76E-07	0.144618	2.645865	
1.00000	0.220408	0.230776	0.146915
3.76E-07	0.290040	2.893629	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230995	-0.403014	-0.117682
-0.000549	-0.291723	-1.948230	
0.25000	-0.230995	-0.372119	-0.117682
-0.000549	-0.146291	-1.901170	
0.50000	-0.230995	-0.342709	-0.117682
-0.000549	-0.001453	-1.907558	
0.75000	-0.230995	-0.311312	-0.117682
-0.000549	-0.176396	-1.914981	
1.00000	-0.230995	-0.287430	-0.117682
-0.000549	-0.357895	-1.975634	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.310792	0.512518	0.247302
3.76E-07	0.621072	4.293126	
0.25000	0.310792	1.178189	0.247302
3.76E-07	0.315717	6.347745	
0.50000	0.310792	2.057131	0.247302
3.76E-07	0.019562	7.569427	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.310792	2.880920	0.247302
3.76E-07	0.238912	7.533580	
1.00000	0.310792	3.743918	0.247302
3.76E-07	0.478378	6.562197	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.342279	-4.223793	-0.193995
-0.000993	-0.481549	-5.810525	
0.25000	-0.342279	-3.358730	-0.193995
-0.000993	-0.241802	-4.292232	
0.50000	-0.342279	-2.535238	-0.193995
-0.000993	-0.012494	-4.270460	
0.75000	-0.342279	-1.656118	-0.193995
-0.000993	-0.297100	-4.277651	
1.00000	-0.342279	-0.987441	-0.193995
-0.000993	-0.602534	-5.775166	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338658	0.318781	0.284059
0.000164	0.716856	7.333093	
0.25000	0.338658	0.340178	0.284059
0.000164	0.366077	7.872185	
0.50000	0.338658	0.368429	0.284059
0.000164	0.030153	8.640140	
0.75000	0.338658	0.394908	0.284059
0.000164	0.257964	9.661652	
1.00000	0.338658	0.422648	0.284059
0.000164	0.517641	10.848683	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.319090	-1.308830	-0.210111
-0.001176	-0.521063	-5.005616	
0.25000	-0.319090	-1.281025	-0.210111
-0.001176	-0.261296	-4.921497	
0.50000	-0.319090	-1.254555	-0.210111
-0.001176	-0.015470	-4.885555	
0.75000	-0.319090	-1.226298	-0.210111
-0.001176	-0.337413	-4.850599	
1.00000	-0.319090	-1.204804	-0.210111
-0.001176	-0.688191	-4.863546	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367117	6.474716	0.283624
0.000504	0.719605	16.074690	
0.25000	0.367117	19.080858	0.283624
0.000504	0.372321	49.019598	
0.50000	0.367117	35.725834	0.283624
0.000504	0.060990	62.991025	
0.75000	0.367117	51.326322	0.283624
0.000504	0.261164	51.394198	
1.00000	0.367117	67.669357	0.283624
0.000504	0.506894	20.223539	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340769	-68.844995	-0.203258
-0.001039	-0.515944	-49.881104	
0.25000	-0.340769	-52.462859	-0.203258
-0.001039	-0.264666	-21.147949	
0.50000	-0.340769	-36.867981	-0.203258
-0.001039	-0.039396	-20.755273	
0.75000	-0.340769	-20.219636	-0.203258
-0.001039	-0.349657	-20.911191	
1.00000	-0.340769	-7.556561	-0.203258
-0.001039	-0.697401	-49.290106	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.085795	0.111020	0.102173
4.13E-06	0.257708	3.082419	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.085795	0.134794	0.102173
4.13E-06	0.131653	3.311213	
0.50000	0.085795	0.166185	0.102173
4.13E-06	0.012826	3.652011	
0.75000	0.085795	0.196906	0.102173
4.13E-06	0.091429	4.076003	
1.00000	0.085795	0.226427	0.102173
4.13E-06	0.183451	4.548169	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089323	-0.634447	-0.074446
-0.000476	-0.184613	-2.030667	
0.25000	-0.089323	-0.603552	-0.074446
-0.000476	-0.092579	-1.954835	
0.50000	-0.089323	-0.574141	-0.074446
-0.000476	-0.000581	-1.932450	
0.75000	-0.089323	-0.542744	-0.074446
-0.000476	-0.121614	-1.911101	
1.00000	-0.089323	-0.518863	-0.074446
-0.000476	-0.247772	-1.942977	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.158799	8.513679	0.168540
0.000176	0.435863	16.343571	
0.25000	0.158799	25.773573	0.168540
0.000176	0.231986	61.922198	
0.50000	0.158799	48.563300	0.168540
0.000176	0.060688	79.578043	
0.75000	0.158799	69.922950	0.168540
0.000176	0.144133	62.920214	
1.00000	0.158799	92.299270	0.168540
0.000176	0.267090	19.317780	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116620	-93.289360	-0.105540
-0.000642	-0.279378	-64.459580	
0.25000	-0.116620	-71.859505	-0.105540
-0.000642	-0.148828	-25.150908	
0.50000	-0.116620	-49.507536	-0.105540
-0.000642	-0.041813	-24.644979	
0.75000	-0.116620	-26.713197	-0.105540
-0.000642	-0.213038	-24.890065	
1.00000	-0.116620	-9.375351	-0.105540
-0.000642	-0.417542	-63.777106	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.293421	7.773417	0.266007
0.000159	0.679115	16.220619	
0.25000	0.293421	23.371511	0.266007
0.000159	0.354417	56.829462	
0.50000	0.293421	43.967020	0.266007
0.000159	0.062136	73.836239	
0.75000	0.293421	63.270142	0.266007
0.000159	0.240959	56.322544	
1.00000	0.293421	83.492047	0.266007
0.000159	0.463494	19.857495	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261164	-84.532218	-0.185507
-0.001006	-0.475903	-59.755038	
0.25000	-0.261164	-64.261932	-0.185507
-0.001006	-0.246509	-24.232506	
0.50000	-0.261164	-44.965751	-0.185507
-0.001006	-0.042741	-23.776766	
0.75000	-0.261164	-24.366074	-0.185507
-0.001006	-0.328969	-23.999718	
1.00000	-0.261164	-8.697533	-0.185507
-0.001006	-0.654183	-59.144138	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.337638	5.329926	0.266934
0.000758	0.675399	15.601206	
0.25000	0.337638	15.564615	0.266934
0.000758	0.348205	42.458101	
0.50000	0.337638	29.078358	0.266934
0.000758	0.058671	54.006360	
0.75000	0.337638	41.744101	0.266934
0.000758	0.245254	44.905988	
1.00000	0.337638	55.012703	0.266934
0.000758	0.477327	20.001991	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314072	-56.304763	-0.191361
-0.000842	-0.483301	-41.217071	
0.25000	-0.314072	-43.004415	-0.191361
-0.000842	-0.246712	-18.351342	
0.50000	-0.314072	-30.343226	-0.191361
-0.000842	-0.035234	-17.999808	
0.75000	-0.314072	-16.826749	-0.191361
-0.000842	-0.328748	-18.035886	
1.00000	-0.314072	-6.545836	-0.191361
-0.000842	-0.656306	-41.101286	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.147555	0.120072	0.087637
0.000955	0.215305	4.808009	
0.25000	0.147555	0.143846	0.087637
0.000955	0.107016	5.139298	
0.50000	0.147555	0.175236	0.087637
0.000955	0.017762	5.605238	
0.75000	0.147555	0.204657	0.087637
0.000955	0.090730	6.220796	
1.00000	0.147555	0.235479	0.087637
0.000955	0.179286	6.899169	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169562	-0.846907	-0.071688
-6.72E-06	-0.175118	-2.556621	
0.25000	-0.169562	-0.838112	-0.071688
-6.72E-06	-0.086525	-2.434613	
0.50000	-0.169562	-0.808702	-0.071688
-6.72E-06	-0.006927	-2.366289	
0.75000	-0.169562	-0.777304	-0.071688
-6.72E-06	0.109652	-2.299020	
1.00000	-0.169562	-0.753423	-0.071688
-6.72E-06	-0.217951	-2.284976	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232381	10.361862	0.146650
0.001162	0.374363	19.632262	
0.25000	0.232381	31.378042	0.146650
0.001162	0.198301	74.081262	
0.50000	0.232381	59.127516	0.146650
0.001162	0.071891	96.652600	
0.75000	0.232381	85.135685	0.146650
0.001162	0.143887	76.289826	
1.00000	0.232381	112.381782	0.146650
0.001162	0.258582	23.067753	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.239674	-113.542038	-0.100216
-8.35E-05	-0.266914	-77.976899	
0.25000	-0.239674	-86.230754	-0.100216
-8.35E-05	-0.143065	-30.080759	
0.50000	-0.239674	-60.231937	-0.100216
-8.35E-05	-0.048885	-29.432153	
0.75000	-0.239674	-32.476847	-0.100216
-8.35E-05	-0.197526	-29.698019	
1.00000	-0.239674	-11.365752	-0.100216
-8.35E-05	-0.374472	-77.015521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.267777	7.234783	0.204813
0.001146	0.520157	18.496281	
0.25000	0.267777	21.656066	0.204813
0.001146	0.270667	56.094011	
0.50000	0.267777	40.697731	0.204813
0.001146	0.068110	72.007172	
0.75000	0.267777	58.554613	0.204813
0.001146	0.187275	58.592773	
1.00000	0.267777	77.240760	0.204813
0.001146	0.354616	22.968507	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.235372	-78.689720	-0.140437
-0.000432	-0.360294	-56.143044	
0.25000	-0.235372	-59.948742	-0.140437
-0.000432	-0.186608	-23.229537	
0.50000	-0.235372	-42.108378	-0.140437
-0.000432	-0.022134	-22.737427	
0.75000	-0.235372	-23.062860	-0.140437
-0.000432	-0.259221	-22.872841	
1.00000	-0.235372	-8.576445	-0.140437
-0.000432	-0.509177	-55.295046	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322132	6.057106	0.261977
0.000955	0.662632	16.852222	
0.25000	0.322132	17.985690	0.261977
0.000955	0.341933	48.094927	
0.50000	0.322132	33.736028	0.261977
0.000955	0.063421	61.462019	
0.75000	0.322132	48.498017	0.261977
0.000955	0.243489	50.700289	
1.00000	0.322132	63.962643	0.261977
0.000955	0.470982	21.445091	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.309993	-65.356047	-0.188250
-0.000733	-0.476700	-47.775473	
0.25000	-0.309993	-49.854422	-0.188250
-0.000733	-0.243967	-20.546553	
0.50000	-0.309993	-35.097741	-0.188250
-0.000733	-0.038246	-20.135015	
0.75000	-0.309993	-19.344216	-0.188250
-0.000733	-0.325446	-20.242557	
1.00000	-0.309993	-7.361758	-0.188250
-0.000733	-0.646568	-47.056159	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.461344	0.159494	0.215237
2.11E-07	0.542825	2.619080	
0.25000	0.461344	0.167535	0.215237
2.11E-07	0.276591	3.027676	
0.50000	0.461344	0.186726	0.215237
2.11E-07	0.012604	3.432938	
0.75000	0.461344	0.207626	0.215237
2.11E-07	0.202691	3.815559	
1.00000	0.461344	0.225961	0.215237
2.11E-07	0.413535	4.191884	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300112	-0.446386	-0.170299
-0.000526	-0.428418	-2.482639	
0.25000	-0.300112	-0.428052	-0.170299
-0.000526	-0.217964	-2.618397	
0.50000	-0.300112	-0.407154	-0.170299
-0.000526	-0.008761	-2.781974	
0.75000	-0.300112	-0.387944	-0.170299
-0.000526	-0.252298	-2.945566	
1.00000	-0.300112	-0.379855	-0.170299
-0.000526	-0.519426	-3.136857	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.582220	0.530921	0.360970
2.11E-07	0.913104	5.499376	
0.25000	0.582220	0.764099	0.360970
2.11E-07	0.466680	6.903016	
0.50000	0.582220	1.320628	0.360970
2.11E-07	0.025623	8.030436	
0.75000	0.582220	1.926731	0.360970
2.11E-07	0.334553	8.416296	
1.00000	0.582220	2.458454	0.360970
2.11E-07	0.681541	8.531785	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514400	-2.962185	-0.281059
-0.000927	-0.708050	-5.754152	
0.25000	-0.514400	-2.430483	-0.281059
-0.000927	-0.360977	-5.215800	
0.50000	-0.514400	-1.824438	-0.281059
-0.000927	-0.015836	-5.485681	
0.75000	-0.514400	-1.267350	-0.281059
-0.000927	-0.421617	-5.757342	
1.00000	-0.514400	-1.032793	-0.281059
-0.000927	-0.869354	-6.831348	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.595339	0.509643	0.418726
0.000182	1.066112	8.655024	
0.25000	0.595339	0.516880	0.418726
0.000182	0.547526	9.580014	
0.50000	0.595339	0.534151	0.418726
0.000182	0.038393	10.621134	
0.75000	0.595339	0.552962	0.418726
0.000182	0.363051	11.878912	
1.00000	0.595339	0.569483	0.418726
0.000182	0.745584	13.193004	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.468582	-1.441841	-0.309087
-0.001055	-0.782125	-6.461018	
0.25000	-0.468582	-1.425340	-0.309087
-0.001055	-0.400157	-6.767736	
0.50000	-0.468582	-1.406531	-0.309087
-0.001055	-0.021263	-7.099656	
0.75000	-0.468582	-1.389242	-0.309087
-0.001055	-0.481511	-7.431525	
1.00000	-0.468582	-1.381963	-0.309087
-0.001055	-1.000916	-7.788360	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.640457	6.063279	0.405778
0.000474	1.038329	15.037302	
0.25000	0.640457	11.689703	0.405778
0.000474	0.542233	33.265104	
0.50000	0.640457	25.118376	0.405778
0.000474	0.064432	44.331213	
0.75000	0.640457	39.743203	0.405778
0.000474	0.344695	35.925913	
1.00000	0.640457	52.573326	0.405778
0.000474	0.690477	20.137032	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.492688	-53.658626	-0.286383
-0.000940	-0.736995	-37.535622	
0.25000	-0.492688	-40.829018	-0.286383
-0.000940	-0.382987	-18.312924	
0.50000	-0.492688	-26.205562	-0.286383
-0.000940	-0.036351	-18.592239	
0.75000	-0.492688	-12.763411	-0.286383
-0.000940	-0.476325	-18.915435	
1.00000	-0.492688	-7.103714	-0.286383
-0.000940	-0.977020	-38.598530	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.106860	0.203175	0.149381
2.11E-06	0.381389	3.405153	
0.25000	0.106860	0.211215	0.149381
2.11E-06	0.196365	3.834198	
0.50000	0.106860	0.230406	0.149381
2.11E-06	0.015474	4.265659	
0.75000	0.106860	0.251396	0.149381
2.11E-06	0.128250	4.717831	
1.00000	0.106860	0.269641	0.149381
2.11E-06	0.263410	5.196203	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192166	-0.637258	-0.109103
-0.000404	-0.276140	-2.502892	
0.25000	-0.192166	-0.618923	-0.109103
-0.000404	-0.141274	-2.589454	
0.50000	-0.192166	-0.598025	-0.109103
-0.000404	-0.006753	-2.704387	
0.75000	-0.192166	-0.578815	-0.109103
-0.000404	-0.171461	-2.818618	
1.00000	-0.192166	-0.570727	-0.109103
-0.000404	-0.356287	-2.960959	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228803	8.634594	0.238164
0.000182	0.617938	14.553074	
0.25000	0.228803	17.197854	0.238164
0.000182	0.332104	41.549394	
0.50000	0.228803	37.635921	0.238164
0.000182	0.062217	57.486448	
0.75000	0.228803	59.894499	0.238164
0.000182	0.191112	43.418663	
1.00000	0.228803	79.421588	0.238164
0.000182	0.369972	18.036575	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197664	-80.255080	-0.154614
-0.000536	-0.411898	-51.082942	
0.25000	-0.197664	-60.728774	-0.154614
-0.000536	-0.220441	-21.529478	
0.50000	-0.197664	-38.472281	-0.154614
-0.000536	-0.034978	-21.657717	
0.75000	-0.197664	-18.013703	-0.154614
-0.000536	-0.284189	-21.852929	
1.00000	-0.197664	-9.399802	-0.154614
-0.000536	-0.576150	-51.513618	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.476725	7.922030	0.380681
0.000164	0.976556	15.318485	
0.25000	0.476725	15.672384	0.380681
0.000164	0.513459	40.076500	
0.50000	0.476725	34.170274	0.380681
0.000164	0.066763	54.826022	
0.75000	0.476725	54.315855	0.380681
0.000164	0.327830	42.415056	
1.00000	0.476725	71.989245	0.380681
0.000164	0.649994	19.771599	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.400001	-72.934672	-0.269804
-0.000889	-0.699703	-48.406730	
0.25000	-0.400001	-55.261989	-0.269804
-0.000889	-0.365769	-21.757697	
0.50000	-0.400001	-35.118296	-0.269804
-0.000889	-0.038397	-21.973025	
0.75000	-0.400001	-16.601842	-0.269804
-0.000889	-0.450618	-22.248805	
1.00000	-0.400001	-8.805655	-0.269804
-0.000889	-0.919442	-49.192860	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4826

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.525172	5.123507	0.377418
0.000694	0.966751	14.797578	
0.25000	0.525172	9.797117	0.377418
0.000694	0.504855	30.141400	
0.50000	0.525172	20.951696	0.377418
0.000694	0.063256	39.575850	
0.75000	0.525172	33.099864	0.377418
0.000694	0.313813	32.931373	
1.00000	0.525172	43.757254	0.377418
0.000694	0.627526	20.165599	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.480743	-44.945964	-0.260137
-0.000745	-0.668672	-32.755805	
0.25000	-0.480743	-34.289001	-0.260137
-0.000745	-0.747038	-16.795266	
0.50000	-0.480743	-22.141972	-0.260137
-0.000745	-0.034385	-17.034750	
0.75000	-0.480743	-10.976198	-0.260137
-0.000745	-0.442751	-17.310316	
1.00000	-0.480743	-6.274950	-0.260137
-0.000745	-0.907084	-33.667652	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.188667	0.206492	0.109934
0.000888	0.277659	4.845593	
0.25000	0.188667	0.214533	0.109934
0.000888	0.142874	5.387856	
0.50000	0.188667	0.233724	0.109934
0.000888	0.020927	5.975464	
0.75000	0.188667	0.254624	0.109934
0.000888	0.090862	6.639458	
1.00000	0.188667	0.272959	0.109934
0.000888	0.175202	7.338356	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.282518	-0.874040	-0.070216
-6.52E-06	-0.174149	-3.160788	
0.25000	-0.282518	-0.855705	-0.070216
-6.52E-06	-0.088359	-3.197196	
0.50000	-0.282518	-0.834807	-0.070216
-6.52E-06	-0.009899	-3.261839	
0.75000	-0.282518	-0.813757	-0.070216
-6.52E-06	-0.133888	-3.326325	
1.00000	-0.282518	-0.807509	-0.070216
-6.52E-06	-0.267237	-3.418522	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.359088	12.111886	0.184401
0.001012	0.478058	18.444005	
0.25000	0.359088	24.269304	0.184401
0.001012	0.264408	56.550355	
0.50000	0.359088	53.285602	0.184401
0.001012	0.078288	78.916997	
0.75000	0.359088	84.886513	0.184401
0.001012	0.149025	58.657324	
1.00000	0.359088	112.609479	0.184401
0.001012	0.260089	22.301310	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.358660	-113.621119	-0.106093
-6.28E-05	-0.291852	-70.858455	
0.25000	-0.358660	-85.899265	-0.106093
-6.28E-05	-0.116538	-28.743410	
0.50000	-0.358660	-54.301315	-0.106093
-6.28E-05	-0.044177	-28.770316	
0.75000	-0.358660	-25.255896	-0.106093
-6.28E-05	-0.238612	-28.887733	
1.00000	-0.358660	-13.026583	-0.106093
-6.28E-05	-0.460224	-70.801595	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4827

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.362726	8.933966	0.277192
0.001024	0.715261	18.077306	
0.25000	0.362726	17.697438	0.277192
0.001024	0.382730	46.043111	
0.50000	0.362726	38.613353	0.277192
0.001024	0.077317	62.736736	
0.75000	0.362726	61.392343	0.277192
0.001024	0.218773	48.773936	
1.00000	0.362726	81.375981	0.277192
0.001024	0.416848	23.262728	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.374021	-82.656182	-0.172000
-0.000339	-0.453494	-54.190622	
0.25000	-0.374021	-62.673345	-0.172000
-0.000339	-0.241591	-23.955536	
0.50000	-0.374021	-39.896489	-0.172000
-0.000339	-0.041762	-24.095923	
0.75000	-0.374021	-18.959583	-0.172000
-0.000339	-0.335678	-24.305154	
1.00000	-0.374021	-10.144287	-0.172000
-0.000339	-0.673359	-54.668538	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.468354	7.525333	0.363626
0.000853	0.931848	17.061575	
0.25000	0.468354	14.798074	0.363626
0.000853	0.490391	40.529750	
0.50000	0.468354	32.156038	0.363626
0.000853	0.073768	54.657798	
0.75000	0.468354	51.060155	0.363626
0.000853	0.304923	43.386142	
1.00000	0.468354	67.644429	0.363626
0.000853	0.597473	22.543109	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.510163	-68.907287	-0.246448
-0.000629	-0.637425	-46.874405	
0.25000	-0.510163	-52.323677	-0.246448
-0.000629	-0.333594	-21.865231	
0.50000	-0.510163	-33.421332	-0.246448
-0.000629	-0.040327	-22.064423	
0.75000	-0.510163	-16.045948	-0.246448
-0.000629	-0.434461	-22.314980	
1.00000	-0.510163	-8.730198	-0.246448
-0.000629	-0.880187	-47.597310	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367117	10.361862	0.284059
0.001162	0.719605	19.632262	
0.25000	0.367117	31.378042	0.284059
0.001162	0.372321	74.081262	
0.50000	0.367117	59.127516	0.284059
0.001162	0.071691	96.652600	
0.75000	0.367117	85.135685	0.284059
0.001162	0.261164	76.289826	
1.00000	0.367117	112.381782	0.284059
0.001162	0.517641	23.067753	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.342279	-113.542038	-0.210111
-0.001176	-0.521063	-77.976899	
0.25000	-0.342279	-86.230754	-0.210111
-0.001176	-0.264666	-30.080759	
0.50000	-0.342279	-60.231937	-0.210111
-0.001176	-0.048885	-29.432153	
0.75000	-0.342279	-32.476847	-0.210111
-0.001176	-0.349657	-29.698019	
1.00000	-0.342279	-11.365768	-0.210111
-0.001176	-0.697401	-77.015521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4828

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.640457	12.111886	0.418726
0.001024	1.066112	18.444005	
0.25000	0.640457	24.269304	0.418726
0.001024	0.547526	56.550355	
0.50000	0.640457	53.285602	0.418726
0.001024	0.078288	78.916997	
0.75000	0.640457	84.886513	0.418726
0.001024	0.363051	58.657324	
1.00000	0.640457	112.609479	0.418726
0.001024	0.745584	23.262728	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514400	-113.621119	-0.309087
-0.001055	-0.782125	-70.858455	
0.25000	-0.514400	-85.899265	-0.309087
-0.001055	-0.400157	-28.743410	
0.50000	-0.514400	-54.301315	-0.309087
-0.001055	-0.044177	-28.770316	
0.75000	-0.514400	-25.255896	-0.309087
-0.001055	-0.481511	-28.887733	
1.00000	-0.514400	-13.026583	-0.309087
-0.001055	-1.000916	-70.801595	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.640457	12.111886	0.418726
0.001162	1.066112	19.632262	
0.25000	0.640457	31.378042	0.418726
0.001162	0.547526	74.081262	
0.50000	0.640457	59.127516	0.418726
0.001162	0.078288	96.652600	
0.75000	0.640457	85.135685	0.418726
0.001162	0.363051	76.289826	
1.00000	0.640457	112.609479	0.418726
0.001162	0.745584	23.262728	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514400	-113.621119	-0.309087
-0.001176	-0.782125	-77.976899	
0.25000	-0.514400	-86.230754	-0.309087
-0.001176	-0.400157	-30.080759	
0.50000	-0.514400	-60.231937	-0.309087
-0.001176	-0.048885	-29.432153	
0.75000	-0.514400	-32.476847	-0.309087
-0.001176	-0.481511	-29.698019	
1.00000	-0.514400	-13.026583	-0.309087
-0.001176	-1.000916	-77.015521	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.640457	12.111886	0.418726
0.001162	1.066112	19.632262	
0.25000	0.640457	31.378042	0.418726
0.001162	0.547526	74.081262	
0.50000	0.640457	59.127516	0.418726
0.001162	0.078288	96.652600	
0.75000	0.640457	85.135685	0.418726
0.001162	0.363051	76.289826	
1.00000	0.640457	112.609479	0.418726
0.001162	0.745584	23.262728	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.514400	-113.621119	-0.309087
-0.001176	-0.782125	-77.976899	
0.25000	-0.514400	-86.230754	-0.309087
-0.001176	-0.400157	-30.080759	
0.50000	-0.514400	-60.231937	-0.309087
-0.001176	-0.048885	-29.432153	
0.75000	-0.514400	-32.476847	-0.309087
-0.001176	-0.481511	-29.698019	
1.00000	-0.514400	-13.026583	-0.309087
-0.001176	-1.000916	-77.015521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4829

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 471 ========== LENGTH = 4.943063

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.234096	0.114320	0.128838
3.87E-06	0.326934	2.861766	
0.25000	0.234096	0.138134	0.128838
3.87E-06	0.167894	3.028924	
0.50000	0.234096	0.169520	0.128838
3.87E-06	0.012212	3.174073	
0.75000	0.234096	0.198931	0.128838
3.87E-06	0.138915	3.281429	
1.00000	0.234096	0.229777	0.128838
3.87E-06	0.280194	3.366095	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230500	-0.297583	-0.114337
-0.000343	-0.285004	-1.971997	
0.25000	-0.230500	-0.266719	-0.114337
-0.000343	-0.143716	-1.824791	
0.50000	-0.230500	-0.237311	-0.114337
-0.000343	-0.005439	-1.730752	
0.75000	-0.230500	-0.205924	-0.114337
-0.000343	-0.150948	-1.637845	
1.00000	-0.230500	-0.182073	-0.114337
-0.000343	-0.310067	-1.598200	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335631	0.575141	0.216435
8.61E-05	0.549867	6.512290	
0.25000	0.335631	1.241933	0.216435
8.61E-05	0.283027	8.269739	
0.50000	0.335631	2.120743	0.216435
8.61E-05	0.025673	9.125475	
0.75000	0.335631	2.944232	0.216435
8.61E-05	0.229491	8.760667	
1.00000	0.335631	3.807933	0.216435
8.61E-05	0.461989	7.466076	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340689	-4.005630	-0.188426
-0.000667	-0.407674	-5.759179	
0.25000	-0.340689	-3.141449	-0.188426
-0.000667	-0.237452	-4.087475	
0.50000	-0.340689	-2.318005	-0.188426
-0.000667	-0.010840	-3.893969	
0.75000	-0.340689	-1.439173	-0.188426
-0.000667	-0.253918	-3.732170	
1.00000	-0.340689	-0.771342	-0.188426
-0.000667	-0.521005	-5.061678	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.357368	0.543510	0.241350
0.000306	0.615758	10.793762	
0.25000	0.357368	0.564942	0.241350
0.000306	0.318354	10.813278	
0.50000	0.357368	0.593190	0.241350
0.000306	0.038951	11.021715	
0.75000	0.357368	0.619670	0.241350
0.000306	0.245643	11.518388	
1.00000	0.357368	0.647421	0.241350
0.000306	0.496158	12.196038	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320894	-0.985166	-0.202753
-0.000860	-0.506124	-4.856472	
0.25000	-0.320894	-0.957389	-0.202753
-0.000860	-0.255576	-4.551184	
0.50000	-0.320894	-0.930921	-0.202753
-0.000860	-0.013248	-4.293861	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4830

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.320894	-0.902673	-0.202753
-0.000860	-0.281208	-4.037557	
1.00000	-0.320894	-0.881207	-0.202753
-0.000860	-0.578911	-3.829188	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.384162	6.787893	0.244193
0.000548	0.625644	20.177512	
0.25000	0.384162	19.415252	0.244193
0.000548	0.330223	52.685438	
0.50000	0.384162	36.057717	0.244193
0.000548	0.035726	65.780725	
0.75000	0.384162	51.652539	0.244193
0.000548	0.263882	53.561995	
1.00000	0.384162	68.008886	0.244193
0.000548	0.510517	21.780442	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.354861	-68.439277	-0.204770
-0.000849	-0.516285	-49.285265	
0.25000	-0.354861	-52.073852	-0.204770
-0.000849	-0.265535	-20.480470	
0.50000	-0.354861	-36.479890	-0.204770
-0.000849	-0.036239	-19.855780	
0.75000	-0.354861	-19.837002	-0.204770
-0.000849	-0.297514	-19.831538	
1.00000	-0.354861	-7.189947	-0.204770
-0.000849	-0.595788	-48.048909	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096247	0.219309	0.087660
0.000160	0.223415	4.531080	
0.25000	0.096247	0.243123	0.087660
0.000160	0.115290	4.525154	
0.50000	0.096247	0.274509	0.087660
0.000160	0.016193	4.619827	
0.75000	0.096247	0.303919	0.087660
0.000160	0.086915	4.829850	
1.00000	0.096247	0.334766	0.087660
0.000160	0.175574	5.104060	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087878	-0.506692	-0.071769
-0.000373	-0.179150	-1.780470	
0.25000	-0.087878	-0.469828	-0.071769
-0.000373	-0.090511	-1.784434	
0.50000	-0.087878	-0.440419	-0.071769
-0.000373	-0.005093	-1.681561	
0.75000	-0.087878	-0.409032	-0.071769
-0.000373	-0.102234	-1.579820	
1.00000	-0.087878	-0.385181	-0.071769
-0.000373	-0.210438	-1.531341	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.166160	8.800100	0.134718
0.000334	0.353942	19.294751	
0.25000	0.166160	26.089044	0.134718
0.000334	0.195925	63.776771	
0.50000	0.166160	48.875333	0.134718
0.000334	0.067588	81.550008	
0.75000	0.166160	70.227225	0.134718
0.000334	0.149109	64.441570	
1.00000	0.166160	92.621771	0.134718
0.000334	0.273806	20.413180	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.118668	-92.981429	-0.108005
-0.000536	-0.280077	-63.775113	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4831

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.118668	-70.574453	-0.108005
-0.000536	-0.149755	-24.540159	
0.50000	-0.118668	-49.223739	-0.108005
-0.000536	-0.039396	-23.888296	
0.75000	-0.118668	-26.436871	-0.108005
-0.000536	-0.169685	-24.058545	
1.00000	-0.118668	-9.120959	-0.108005
-0.000536	-0.331521	-62.896235	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.306999	8.021278	0.221441
0.000295	0.573110	19.812075	
0.25000	0.306999	23.645625	0.221441
0.000295	0.307160	60.115308	
0.50000	0.306999	44.238028	0.221441
0.000295	0.071094	76.277152	
0.75000	0.306999	63.534139	0.221441
0.000295	0.240884	60.909477	
1.00000	0.306999	83.772515	0.221441
0.000295	0.461645	21.220775	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.263641	-84.165997	-0.185040
-0.000759	-0.471112	-59.139545	
0.25000	-0.263641	-63.916387	-0.185040
-0.000759	-0.245278	-23.606454	
0.50000	-0.263641	-44.621341	-0.185040
-0.000759	-0.039855	-22.941718	
0.75000	-0.263641	-24.028415	-0.185040
-0.000759	-0.269937	-23.020018	
1.00000	-0.263641	-8.379697	-0.185040
-0.000759	-0.539271	-58.042820	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.349127	5.699106	0.234359
0.000741	0.597328	19.964984	
0.25000	0.349127	15.951021	0.234359
0.000741	0.312814	46.300414	
0.50000	0.349127	29.462725	0.234359
0.000741	0.069190	56.967814	
0.75000	0.349127	42.123868	0.234359
0.000741	0.250796	47.187323	
1.00000	0.349127	55.403279	0.234359
0.000741	0.486144	21.636194	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338018	-55.877309	-0.194708
-0.000838	-0.488291	-41.097264	
0.25000	-0.338018	-42.590228	-0.194708
-0.000838	-0.249541	-17.641474	
0.50000	-0.338018	-29.930084	-0.194708
-0.000838	-0.032213	-17.064572	
0.75000	-0.338018	-16.418036	-0.194708
-0.000838	-0.286436	-16.975226	
1.00000	-0.338018	-6.150130	-0.194708
-0.000838	-0.573115	-39.814715	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.146929	0.341413	0.092531
0.000742	0.225879	6.902870	
0.25000	0.146929	0.365227	0.092531
0.000742	0.111620	6.904529	
0.50000	0.146929	0.396613	0.092531
0.000742	0.022453	7.006706	
0.75000	0.146929	0.426023	0.092531
0.000742	0.102691	7.289291	
1.00000	0.146929	0.456870	0.092531
0.000742	0.200863	7.653466	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4832

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.203710	-0.679394	-0.079349
-0.000260	-0.191410	-2.285476	
0.25000	-0.203710	-0.648530	-0.079349
-0.000260	-0.093485	-2.087018	
0.50000	-0.203710	-0.619121	-0.079349
-0.000260	-0.005729	-1.941705	
0.75000	-0.203710	-0.587734	-0.079349
-0.000260	-0.117217	-1.797525	
1.00000	-0.203710	-0.563883	-0.079349
-0.000260	-0.231561	-1.706605	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233361	10.714693	0.137369
0.000927	0.349967	23.068662	
0.25000	0.233361	31.766214	0.137369
0.000927	0.190282	77.296732	
0.50000	0.233361	59.511534	0.137369
0.000927	0.079427	98.941208	
0.75000	0.233361	85.510256	0.137369
0.000927	0.170815	78.031517	
1.00000	0.233361	112.778546	0.137369
0.000927	0.303675	24.299347	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.278663	-113.180392	-0.116162
-0.000393	-0.295111	-77.017414	
0.25000	-0.278663	-85.896967	-0.116162
-0.000393	-0.155377	-29.256035	
0.50000	-0.278663	-59.899678	-0.116162
-0.000393	-0.045943	-28.474596	
0.75000	-0.278663	-32.153685	-0.116162
-0.000393	-0.216895	-28.694186	
1.00000	-0.278663	-11.069297	-0.116162
-0.000393	-0.351624	-75.996447	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269034	7.698081	0.184262
0.001033	0.468739	22.956441	
0.25000	0.269034	22.143637	0.184262
0.001033	0.248136	60.072833	
0.50000	0.269034	41.182429	0.184262
0.001033	0.078218	74.994985	
0.75000	0.269034	59.022725	0.184262
0.001033	0.204693	60.971871	
1.00000	0.269034	77.734205	0.184262
0.001033	0.383744	24.589882	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273204	-78.246604	-0.150802
-0.000659	-0.378662	-55.294332	
0.25000	-0.273204	-59.524742	-0.150802
-0.000659	-0.194922	-22.376259	
0.50000	-0.273204	-41.685427	-0.150802
-0.000659	-0.038045	-21.695779	
0.75000	-0.273204	-22.646151	-0.150802
-0.000659	-0.234599	-21.702205	
1.00000	-0.273204	-8.178063	-0.150802
-0.000659	-0.458445	-54.016716	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.330924	6.462736	0.233583
0.000884	0.593933	21.416677	
0.25000	0.330924	18.411397	0.233583
0.000884	0.311235	52.130981	
0.50000	0.330924	34.159359	0.233583
0.000884	0.074111	64.535825	
0.75000	0.330924	48.915987	0.233583

0.000884	0.254189	53.057372	
1.00000	0.330924	64.393210	0.233583
0.000884	0.488634	23.135808	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.341354	-64.904480	-0.194623
-0.000804	-0.487443	-47.053330	
0.25000	-0.341354	-49.418667	-0.194623
-0.000804	-0.249112	-19.756908	
0.50000	-0.341354	-34.662853	-0.194623
-0.000804	-0.035155	-19.125868	
0.75000	-0.341354	-18.914490	-0.194623
-0.000804	-0.289060	-19.063095	
1.00000	-0.341354	-6.947192	-0.194623
-0.000804	-0.574414	-45.723999	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.485701	0.179469	0.178260
3.44E-06	0.455677	4.140342	
0.25000	0.485701	0.187531	0.178260
3.44E-06	0.235214	4.326081	
0.50000	0.485701	0.206726	0.178260
3.44E-06	0.017147	4.504949	
0.75000	0.485701	0.225619	0.178260
3.44E-06	0.178347	4.659090	
1.00000	0.485701	0.245951	0.178260
3.44E-06	0.363758	4.806119	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.294591	-0.360886	-0.150659
-0.000293	-0.380607	-3.092307	
0.25000	-0.294591	-0.342553	-0.150659
-0.000293	-0.194435	-3.098632	
0.50000	-0.294591	-0.321658	-0.150659
-0.000293	-0.008678	-3.132621	
0.75000	-0.294591	-0.302460	-0.150659
-0.000293	-0.204419	-3.166738	
1.00000	-0.294591	-0.294388	-0.150659
-0.000293	-0.424649	-3.228579	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.606792	0.625701	0.294429
8.27E-05	0.755409	8.446244	
0.25000	0.606792	0.859490	0.294429
8.27E-05	0.391743	9.406820	
0.50000	0.606792	1.416154	0.294429
8.27E-05	0.034070	10.078593	
0.75000	0.606792	2.022047	0.294429
8.27E-05	0.295033	10.000197	
1.00000	0.606792	2.553682	0.294429
8.27E-05	0.599968	9.661480	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.519990	-2.797367	-0.248295
-0.000558	-0.628249	-6.756687	
0.25000	-0.519990	-2.265723	-0.248295
-0.000558	-0.321274	-6.005824	
0.50000	-0.519990	-1.659752	-0.248295
-0.000558	-0.016034	-6.053986	
0.75000	-0.519990	-1.103008	-0.248295
-0.000558	-0.336929	-6.107250	
1.00000	-0.519990	-0.868948	-0.248295
-0.000558	-0.699555	-6.964036	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.615239	0.751991	0.326938
0.000279	0.846628	13.096596	
0.25000	0.615239	0.759237	0.326938
0.000279	0.442959	13.327736	
0.50000	0.615239	0.776513	0.326938
0.000279	0.050496	13.667288	
0.75000	0.615239	0.795316	0.326938
0.000279	0.316682	14.212682	
1.00000	0.615239	0.811815	0.326938
0.000279	0.641436	14.860905	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.475446	-1.199120	-0.264753
-0.000721	-0.671876	-7.710184	
0.25000	-0.475446	-1.182621	-0.264753
-0.000721	-0.345174	-7.735233	
0.50000	-0.475446	-1.163815	-0.264753
-0.000721	-0.021481	-7.785190	
0.75000	-0.475446	-1.146536	-0.264753
-0.000721	-0.370604	-7.835159	
1.00000	-0.475446	-1.139272	-0.264753
-0.000721	-0.773563	-7.910200	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660207	6.391883	0.323528
0.000471	0.832693	20.059051	
0.25000	0.660207	12.033339	0.323528
0.000471	0.439966	37.567566	
0.50000	0.660207	25.464956	0.323528
0.000471	0.077886	47.775206	
0.75000	0.660207	40.084741	0.323528
0.000471	0.327974	38.564909	
1.00000	0.660207	52.912728	0.323528
0.000471	0.636490	22.011626	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.504662	-53.394507	-0.256547
-0.000713	-0.649876	-38.542947	
0.25000	-0.504662	-40.566308	-0.256547
-0.000713	-0.334906	-19.138263	
0.50000	-0.504662	-25.944642	-0.256547
-0.000713	-0.035948	-19.060952	
0.75000	-0.504662	-12.510808	-0.256547
-0.000713	-0.336505	-19.108003	
1.00000	-0.504662	-6.863083	-0.256547
-0.000713	-0.784905	-38.541962	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107108	0.311679	0.115434
0.000149	0.299822	5.161948	
0.25000	0.107108	0.319741	0.115434
0.000149	0.157393	5.317907	
0.50000	0.107108	0.338936	0.115434
0.000149	0.019898	5.467555	
0.75000	0.107108	0.359829	0.115434
0.000149	0.112336	5.638474	
1.00000	0.107108	0.378161	0.115434
0.000149	0.227615	5.829326	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.205933	-0.537310	-0.094248
-0.000302	-0.239062	-2.933792	
0.25000	-0.205933	-0.518977	-0.094248
-0.000302	-0.122661	-2.921349	
0.50000	-0.205933	-0.498082	-0.094248
-0.000302	-0.008037	-2.936499	
0.75000	-0.205933	-0.478884	-0.094248
-0.000302	-0.130081	-2.951835	
1.00000	-0.205933	-0.470813	-0.094248
-0.000302	-0.271773	-2.994870	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.230427	8.926346	0.172888
0.000293	0.458872	17.990501	
0.25000	0.230427	17.512028	0.172888
0.000293	0.255704	44.542184	
0.50000	0.230427	37.955031	0.172888
0.000293	0.071111	59.864819	
0.75000	0.230427	60.205937	0.172888
0.000293	0.176087	45.204296	
1.00000	0.230427	79.729775	0.172888
0.000293	0.325190	19.292380	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.210999	-80.096417	-0.129935
-0.000433	-0.345072	-44.457602	
0.25000	-0.210999	-60.572256	-0.129935
-0.000433	-0.186395	-21.914771	
0.50000	-0.210999	-38.318487	-0.129935
-0.000433	-0.034444	-21.763292	
0.75000	-0.210999	-17.872567	-0.129935
-0.000433	0.212059	-21.801070	
1.00000	-0.210999	-9.276866	-0.129935
-0.000433	-0.424411	-51.345196	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.485587	8.203390	0.291973
0.000257	0.762743	19.690277	
0.25000	0.485587	15.974038	0.291973
0.000257	0.411164	43.859652	
0.50000	0.485587	34.476394	0.291973
0.000257	0.078477	57.860998	
0.75000	0.485587	54.615032	0.291973
0.000257	0.296009	44.713086	
1.00000	0.485587	72.285480	0.291973
0.000257	0.572021	21.393513	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.411592	-72.716624	-0.232615
-0.000626	-0.603527	-49.136665	
0.25000	-0.411592	-55.045884	-0.232615
-0.000626	-0.317390	-22.362812	
0.50000	-0.411592	-34.904656	-0.232615
-0.000626	-0.031928	-22.155772	
0.75000	-0.411592	-16.399658	-0.232615
-0.000626	-0.347427	-22.215715	
1.00000	-0.411592	-8.619962	-0.232615
-0.000626	-0.706277	-48.980955	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.531801	5.499512	0.307814
0.000623	0.787734	20.104312	
0.25000	0.531801	10.185360	0.307814
0.000623	0.412823	34.671927	
0.50000	0.531801	21.342633	0.307814
0.000623	0.076988	43.218546	
0.75000	0.531801	33.486613	0.307814
0.000623	0.315580	35.696575	
1.00000	0.531801	44.142229	0.307814
0.000623	0.607734	22.121508	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.501781	-44.657654	-0.242287
-0.000695	-0.606719	-33.635572	
0.25000	-0.501781	-34.001662	-0.242287
-0.000695	-0.308263	-17.473506	
0.50000	-0.501781	-21.856319	-0.242287
-0.000695	-0.034055	-17.318764	
0.75000	-0.501781	-10.697454	-0.242287
-0.000695	-0.371951	-17.347013	
1.00000	-0.501781	-6.006150	-0.242287
-0.000695	-0.751079	-33.479133	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186181	0.404987	0.119814
0.000636	0.287299	7.352989	
0.25000	0.186181	0.413048	0.119814
0.000636	0.139342	7.494276	
0.50000	0.186181	0.432244	0.119814
0.000636	0.026941	7.677027	
0.75000	0.186181	0.453136	0.119814
0.000636	0.137538	7.945568	
1.00000	0.186181	0.471469	0.119814
0.000636	0.256312	8.253804	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.305111	-0.717794	-0.096275
-0.000227	-0.218954	-3.446145	
0.25000	-0.305111	-0.699462	-0.096275
-0.000227	-0.100168	-3.388609	
0.50000	-0.305111	-0.678566	-0.096275
-0.000227	-0.009713	-3.358909	
0.75000	-0.305111	-0.659368	-0.096275
-0.000227	-0.156837	-3.329288	
1.00000	-0.305111	-0.651297	-0.096275
-0.000227	-0.305083	-3.327471	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360894	12.461862	0.174463
0.000747	0.433990	22.311647	
0.25000	0.360894	24.651113	0.174463
0.000747	0.232975	59.947919	
0.50000	0.360894	53.674418	0.174463
0.000747	0.088008	81.607802	
0.75000	0.360894	85.264437	0.174463
0.000747	0.210897	60.676547	
1.00000	0.360894	112.982787	0.174463
0.000747	0.360466	23.720917	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382056	-113.425282	-0.132601
-0.000311	-0.326718	-70.832690	
0.25000	-0.382056	-85.706474	-0.132601
-0.000311	-0.165467	-28.829460	
0.50000	-0.382056	-54.112390	-0.132601
-0.000311	-0.042929	-28.550326	
0.75000	-0.382056	-25.084943	-0.132601
-0.000311	-0.247855	-28.530120	
1.00000	-0.382056	-12.881498	-0.132601
-0.000311	-0.461691	-70.421317	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360541	9.381730	0.237420
0.000846	0.602516	23.246464	
0.25000	0.360541	18.168149	0.237420
0.000846	0.319603	50.488988	
0.50000	0.360541	39.089114	0.237420
0.000846	0.090282	66.290966	
0.75000	0.360541	61.860253	0.237420
0.000846	0.259087	51.459810	
1.00000	0.360541	81.840564	0.237420
0.000846	0.470254	25.152145	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.402540	-82.384601	-0.180427
-0.000520	-0.447534	-54.676534	
0.25000	-0.402540	-62.403960	-0.180427
-0.000520	-0.226627	-24.382016	
0.50000	-0.402540	-39.629891	-0.180427
-0.000520	-0.041007	-24.191109	
0.75000	-0.402540	-18.705940	-0.180427
-0.000520	-0.307195	-24.193809	
1.00000	-0.402540	-9.909290	-0.180427
-0.000520	-0.599285	-54.392695	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.469713	7.933102	0.305517
0.000725	0.778695	22.498082	
0.25000	0.469713	15.224886	0.305517
0.000725	0.409739	45.193090	
0.50000	0.469713	32.587042	0.305517
0.000725	0.087637	58.399067	
0.75000	0.469713	51.484642	0.305517
0.000725	0.324568	46.218145	
1.00000	0.469713	68.066156	0.305517
0.000725	0.613324	24.538550	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.540606	-68.615311	-0.241652
-0.000646	-0.604057	-47.580728	
0.25000	-0.540606	-52.033524	-0.241652
-0.000646	-0.306768	-22.433194	
0.50000	-0.540606	-33.133492	-0.241652
-0.000646	-0.039890	-22.236767	
0.75000	-0.540606	-15.768858	-0.241652
-0.000646	-0.378989	-22.233644	
1.00000	-0.540606	-8.468583	-0.241652
-0.000646	-0.755059	-47.289614	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.384162	10.714693	0.244193
0.001033	0.625644	23.068662	
0.25000	0.384162	31.766245	0.244193
0.001033	0.330223	77.296732	
0.50000	0.384162	59.511534	0.244193
0.001033	0.079427	98.941208	
0.75000	0.384162	85.510256	0.244193
0.001033	0.263082	78.031517	
1.00000	0.384162	112.778546	0.244193
0.001033	0.510517	24.589882	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.354861	-113.180392	-0.204770
-0.000860	-0.516285	-77.017414	
0.25000	-0.354861	-85.896967	-0.204770
-0.000860	-0.265535	-29.256035	
0.50000	-0.354861	-59.899678	-0.204770
-0.000860	-0.045943	-28.550326	
0.75000	-0.354861	-32.153685	-0.204770
-0.000860	-0.297514	-28.694186	
1.00000	-0.354861	-11.069297	-0.204770
-0.000860	-0.595788	-75.996447	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660207	12.461862	0.326938
0.000846	0.846628	23.246464	
0.25000	0.660207	24.651113	0.326938
0.000846	0.442959	59.947919	
0.50000	0.660207	53.674418	0.326938
0.000846	0.090282	81.607802	
0.75000	0.660207	85.264437	0.326938
0.000846	0.327974	60.676547	
1.00000	0.660207	112.982787	0.326938
0.000846	0.641436	25.152145	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.540606	-113.425282	-0.264753
-0.000721	-0.671876	-70.832690	
0.25000	-0.540606	-85.706474	-0.264753
-0.000721	-0.345174	-28.829460	
0.50000	-0.540606	-54.112390	-0.264753
-0.000721	-0.042929	-28.550326	
0.75000	-0.540606	-25.084943	-0.264753
-0.000721	-0.386805	-28.530120	
1.00000	-0.540606	-12.881498	-0.264753
-0.000721	-0.784905	-70.421317	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660207	12.461862	0.326938
0.001033	0.846628	23.246464	
0.25000	0.660207	31.766245	0.326938
0.001033	0.442959	77.296732	
0.50000	0.660207	59.511534	0.326938
0.001033	0.090282	98.941208	
0.75000	0.660207	85.510256	0.326938
0.001033	0.327974	78.031517	
1.00000	0.660207	112.982787	0.326938
0.001033	0.641436	25.152145	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.540606	-113.425282	-0.264753
-0.000860	-0.671876	-77.017414	
0.25000	-0.540606	-85.896967	-0.264753
-0.000860	-0.345174	-29.256035	
0.50000	-0.540606	-59.899678	-0.264753
-0.000860	-0.045943	-28.550326	
0.75000	-0.540606	-32.153685	-0.264753
-0.000860	-0.386805	-28.694186	
1.00000	-0.540606	-12.881498	-0.264753
-0.000860	-0.784905	-75.996447	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.660207	12.461862	0.326938
0.001033	0.846628	23.246464	
0.25000	0.660207	31.766245	0.326938
0.001033	0.442959	77.296732	
0.50000	0.660207	59.511534	0.326938
0.001033	0.090282	98.941208	
0.75000	0.660207	85.510256	0.326938
0.001033	0.327974	78.031517	
1.00000	0.660207	112.982787	0.326938
0.001033	0.641436	25.152145	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.540606	-113.425282	-0.264753
-0.000860	-0.671876	-77.017414	
0.25000	-0.540606	-85.896967	-0.264753
-0.000860	-0.345174	-29.256035	
0.50000	-0.540606	-59.899678	-0.264753
-0.000860	-0.045943	-28.550326	
0.75000	-0.540606	-32.153685	-0.264753
-0.000860	-0.386805	-28.694186	
1.00000	-0.540606	-12.881498	-0.264753
-0.000860	-0.784905	-75.996447	

ELEM 472 ========== LENGTH = 4.943000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.252421	0.109665	0.103632
6.19E-06	0.266002	3.339732	
0.25000	0.252421	0.133487	0.103632
6.19E-06	0.138058	3.387269	
0.50000	0.252421	0.164873	0.103632
6.19E-06	0.013281	3.411307	
0.75000	0.252421	0.194282	0.103632
6.19E-06	0.128263	3.398755	
1.00000	0.252421	0.225135	0.103632
6.19E-06	0.260417	3.362689	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224602	-0.222261	-0.106950
-6.17E-06	-0.268263	-1.598723	
0.25000	-0.224602	-0.191408	-0.106950
-6.17E-06	-0.136109	-1.438794	
0.50000	-0.224602	-0.161999	-0.106950
-6.17E-06	-0.003919	-1.332031	
0.75000	-0.224602	-0.130613	-0.106950
-6.17E-06	-0.118533	-1.446124	
1.00000	-0.224602	-0.106792	-0.106950
-6.17E-06	-0.246548	-1.613456	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.365768	0.620048	0.175082
0.000173	0.449509	7.425865	
0.25000	0.365768	1.287055	0.175082
0.000173	0.233857	8.958980	
0.50000	0.365768	2.165856	0.175082
0.000173	0.027312	9.560538	

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.365768	2.989309	0.175082
0.000173	0.211955	8.976492	
1.00000	0.365768	3.853204	0.175082
0.000173	0.429580	7.460877	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331751	-3.860862	-0.176325
-0.000172	-0.442664	-5.062799	
0.25000	-0.331751	-2.996078	-0.176325
-0.000172	-0.224965	-3.364551	
0.50000	-0.331751	-2.173520	-0.176325
-0.000172	-0.008195	-3.154950	
0.75000	-0.331751	-1.294718	-0.176325
-0.000172	-0.201019	-3.376297	
1.00000	-0.331751	-0.627718	-0.176325
-0.000172	-0.417043	-5.086153	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.379869	0.659598	0.193924
0.000403	0.498175	12.155588	
0.25000	0.379869	0.681037	0.193924
0.000403	0.259129	11.842340	
0.50000	0.379869	0.709284	0.193924
0.000403	0.041186	11.689671	
0.75000	0.379869	0.735752	0.193924
0.000403	0.224133	11.881555	
1.00000	0.379869	0.763520	0.193924
0.000403	0.456269	12.187988	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.315727	-0.771460	-0.187812
-0.000403	-0.472142	-3.831805	
0.25000	-0.315727	-0.743692	-0.187812
-0.000403	-0.240025	-3.511582	
0.50000	-0.315727	-0.717224	-0.187812
-0.000403	-0.009638	-3.239310	
0.75000	-0.315727	-0.688976	-0.187812
-0.000403	-0.221534	-3.522531	
1.00000	-0.315727	-0.667537	-0.187812
-0.000403	-0.460665	-3.853620	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401865	6.953231	0.200953
0.000551	0.517447	21.753423	
0.25000	0.401865	19.584660	0.200953
0.000551	0.275913	53.930862	
0.50000	0.401865	36.226683	0.200953
0.000551	0.073629	66.542826	
0.75000	0.401865	51.821113	0.200953
0.000551	0.268785	53.939407	
1.00000	0.401865	68.181113	0.200953
0.000551	0.515608	21.770716	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.361888	-68.183737	-0.204698
-0.000551	-0.514288	-48.051816	
0.25000	-0.361888	-51.823842	-0.204698
-0.000551	-0.264957	-19.272621	
0.50000	-0.361888	-36.229688	-0.204698
-0.000551	-0.032584	-18.681280	
0.75000	-0.361888	-19.587386	-0.204698

```
-0.000551   -0.245611   -19.279699
1.00000     -0.361888   -6.956075     -0.204698
-0.000551   -0.492376   -48.066424

COMB DB-G2-1 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.103795    0.296934    0.071842
0.000278    0.184219    5.091473
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4840

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
      T           M2          M3
0.25000     0.103795    0.320755    0.071842
0.000278    0.095707    4.955659
0.50000     0.103795    0.352141    0.071842
0.000278    0.017310    4.877725
0.75000     0.103795    0.381550    0.071842
0.000278    0.079435    4.960545
1.00000     0.103795    0.412404    0.071842
0.000278    0.161620    5.101256

COMB DB-G2-1 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.085437   -0.416432   -0.066480
-0.000263   -0.167021   -1.532422
0.25000     -0.085437   -0.385579   -0.066480
-0.000263   -0.084903   -1.377779
0.50000     -0.085437   -0.356170   -0.066480
-0.000263   -0.003767   -1.266506
0.75000     -0.085437   -0.324784   -0.066480
-0.000263   -0.082321   -1.376421
1.00000     -0.085437   -0.300963   -0.066480
-0.000263   -0.171040   -1.539498

COMB DB-G2-2 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.168668    8.964767    0.102709
0.000443    0.272291    20.401307
0.25000     0.168668    26.259283   0.102709
 0.000443   0.154382    64.688134
0.50000     0.168668    49.045350   0.102709
 0.000443   0.069150    82.060507
0.75000     0.168668    70.396321   0.102709
 0.000443   0.150855    64.691201
1.00000     0.168668    92.795869   0.102709
 0.000443   0.280192    20.407759

COMB DB-G2-2 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.120330   -92.798441  -0.110510
-0.000442   -0.283567   -62.897300
0.25000     -0.120330   -70.399036  -0.110510
-0.000442   -0.151866   -23.705525
0.50000     -0.120330   -49.048059  -0.110510
-0.000442   -0.036931   -23.107591
0.75000     -0.120330   -26.261994  -0.110510
-0.000442   -0.122944   -1.701166
1.00000     -0.120330   -8.967639   -0.110510
-0.000442   -0.257937   -62.906780

COMB DB-G2-3 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.325172    8.171271    0.173028
0.000486    0.452151    21.189210
0.25000     0.325172    23.800654   0.173028
 0.000486   0.246571    61.226519
0.50000     0.325172    44.392856   0.173028
 0.000486   0.073182    76.931832
0.75000     0.325172    63.688135   0.173028
 0.000486   0.234091    61.237825
1.00000     0.325172    83.931032   0.173028
 0.000486   0.451832    21.212104

COMB DB-G2-3 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.261209   -83.939217  -0.181481
-0.000485   -0.461047   -58.044205
0.25000     -0.261209   -63.696449  -0.181481
-0.000485   -0.241172   -22.541114
0.50000     -0.261209   -44.401185  -0.181481
-0.000485   -0.036468   -21.916071
0.75000     -0.261209   -23.808965  -0.181481
-0.000485   -0.211677   -22.550950
1.00000     -0.261209   -8.179727   -0.181481
-0.000485   -0.423577   -58.063995
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4841

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.361658    5.900553    0.201014
0.000766    0.512902    21.618783
0.25000     0.361658    16.155772   0.201014
 0.000766   0.269900    47.593842
0.50000     0.361658    29.667345   0.201014
 0.000766   0.071676    57.764990
0.75000     0.361658    42.327942   0.201014
 0.000766   0.220911    47.592265
1.00000     0.361658    55.610318   0.201014
 0.000766   0.498388    21.623827

COMB DB-G2-4 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.353524   -55.611582  -0.198590
-0.000766   -0.495452   -39.818844
0.25000     -0.353524   -42.329290  -0.198590
-0.000766   -0.252910   -16.389942
0.50000     -0.353524   -29.668691  -0.198590
-0.000766   -0.026745   -15.846300
0.75000     -0.353524   -16.157119  -0.198590
-0.000766   -0.247227   -16.392612
1.00000     -0.353524   -5.901995   -0.198590
-0.000766   -0.494281   -39.824730

COMB DB-G3-1 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.141781    0.456543    0.100722
0.000509    0.244698    7.670204
0.25000     0.141781    0.480365    0.100722
0.000509    0.120243    7.478407
0.50000     0.141781    0.511750    0.100722
0.000509    0.023604    7.384341
0.75000     0.141781    0.541159    0.100722
0.000509    0.123995    7.466107
1.00000     0.141781    0.572013    0.100722
0.000509    0.238449    7.645617

COMB DB-G3-1 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.228717   -0.562283   -0.093022
-0.000543   -0.221503   -1.710943
0.25000     -0.228717   -0.531430   -0.093022
-0.000543   -0.106727   -1.527076
0.50000     -0.228717   -0.502021   -0.093022
-0.000543   -0.004837   -1.396368
0.75000     -0.228717   -0.470635   -0.093022
-0.000543   -0.128751   -1.518081
1.00000     -0.228717   -0.446814   -0.093022
-0.000543   -0.253218   -1.693757

COMB DB-G3-2 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.227958    10.908488   0.132968
 0.000679   0.336002    24.320203
0.25000     0.227958    31.966825   0.132968
 0.000679   0.182160    76.327910
0.50000     0.227958    59.711843   0.132968
 0.000679   0.081117    99.524484
0.75000     0.227958    85.709445   0.132968
 0.000679   0.215743    78.312268
1.00000     0.227958    112.983825  0.132968
 0.000679   0.382483    24.289279

COMB DB-G3-2 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.308670   -112.971346 -0.144319
-0.000692   0.352786    76.000418
0.25000     -0.308670   -85.697136  -0.144319
-0.000692   -0.181749   -28.311161
0.50000     -0.308670   -59.699531  -0.144319
-0.000692   -0.044174   -27.614803
0.75000     -0.308670   -31.954515  -0.144319
-0.000692   -0.186117   -28.302473
1.00000     -0.308670   -10.896374  -0.144319
-0.000692   -0.348471   -75.984381
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4842

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.262443    7.946539    0.169787
0.000867    0.428928    24.600165
0.25000     0.262443    22.396750   0.169787
 0.000867   0.226616    61.371676
0.50000     0.262443    41.435357   0.169787
 0.000867   0.080539    75.782985
0.75000     0.262443    59.274887   0.169787
 0.000867   0.231088    61.360238
1.00000     0.262443    77.990542   0.169787
 0.000867   0.429941    24.577573

COMB DB-G3-3 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.302312   -77.981547  -0.167860
-0.000880   -0.414631   -54.021995
0.25000     -0.302312   -59.266012  -0.167860
-0.000880   -0.271566   -21.156457
0.50000     -0.302312   -41.426476  -0.167860
-0.000880   -0.035238   -20.537433
0.75000     -0.302312   -22.387871  -0.167860
-0.000880   -0.220796   -21.150087
1.00000     -0.302312   -7.937794   -0.167860
-0.000880   -0.429045   -54.010313

COMB DB-G3-4 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.338059    6.695055    0.206371
0.000837    0.524114    23.128981
0.25000     0.338059    18.647567   0.206371
 0.000837   0.275368    53.473377
0.50000     0.338059    34.395376   0.206371
 0.000837   0.076631    65.354902
0.75000     0.338059    49.151367   0.206371
 0.000837   0.269373    53.470184
1.00000     0.338059    64.632046   0.206371
 0.000837   0.514510    23.122825

COMB DB-G3-4 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.362581   -64.629272  -0.204120
-0.000847   -0.506738   -45.728829
0.25000     -0.362581   -49.148691  -0.204120
-0.000847   -0.258088   -18.469637
0.50000     -0.362581   -34.392696  -0.204120
-0.000847   -0.031844   -17.883336
0.75000     -0.362581   -18.644888  -0.204120
-0.000847   -0.258122   -18.468687
1.00000     -0.362581   -6.692488   -0.204120
-0.000847   -0.511764   -45.727665

COMB DL-G1-1 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.493978    0.204812    0.141559
5.03E-06    0.361774    4.766228
0.25000     0.493978    0.212877    0.141559
5.03E-06    0.186255    4.794551
0.50000     0.493978    0.232072    0.141559
5.03E-06    0.010640    4.816420
0.75000     0.493978    0.252967    0.141559
5.03E-06    0.166549    4.811678
1.00000     0.493978    0.271301    0.141559
5.03E-06    0.338051    4.800398

COMB DL-G1-1 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.286321   -0.272740   -0.138432
-5.01E-06   -0.345613   -3.191219
0.25000     -0.286321   -0.254406   -0.138432
-5.01E-06   -0.174774   -3.172265
0.50000     -0.286321   -0.233511   -0.138432
-5.01E-06   -0.007690   -3.180917
0.75000     -0.286321   -0.214316   -0.138432
-5.01E-06   -0.161883   -3.189817
1.00000     -0.286321   -0.206252   -0.138432
-5.01E-06   -0.337229   -3.226335
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4843

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.615658    0.701123    0.231526
0.000148    0.593288    9.596339
0.25000     0.615658    0.934994    0.231526
0.000148    0.306612    10.273370
0.50000     0.615658    1.491640    0.231526
0.000148    0.036314    10.651281
0.75000     0.615658    2.097606    0.231526
0.000148    0.277153    10.302217
1.00000     0.615658    2.629280    0.231526
0.000148    0.560741    9.649981

COMB DL-G1-2 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.513040   -2.634045   -0.229185
-0.000147   -0.572050   -6.903706
0.25000     -0.513040   -2.102363   -0.229185
-0.000147   -0.289340   -6.113364
0.50000     -0.513040   -1.496403   -0.229185
-0.000147   -0.014332   -6.123500
0.75000     -0.513040   -0.939752   -0.229185
-0.000147   -0.263651   -6.140852
1.00000     -0.513040   -0.705892   -0.229185
-0.000147   -0.550457   -6.959151

COMB DL-G1-3 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.619720    0.893277    0.255557
0.000347    0.656219    14.793308
0.25000     0.619720    0.900535    0.255557
0.000347    0.338902    14.604940
0.50000     0.619720    0.917810    0.255557
0.000347    0.053542    14.508699
0.75000     0.619720    0.936616    0.255557
0.000347    0.307886    14.630975
1.00000     0.619720    0.953116    0.255557
0.000347    0.618556    14.845295

COMB DL-G1-3 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.469994   -0.957500   -0.251083
-0.000346   -0.622727   -7.848972
0.25000     -0.469994   -0.940999   -0.251083
-0.000346   -0.312689   -7.837602
0.50000     -0.469994   -0.923193   -0.251083
-0.000346   -0.019179   -7.850921
0.75000     -0.469994   -0.904918   -0.251083
-0.000346   -0.289983   -7.864485
1.00000     -0.469994   -0.897660   -0.251083
-0.000346   -0.606642   -7.903089

COMB DL-G1-4 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.663948    6.586788    0.272356
0.000464    0.690399    21.965265
0.25000     0.663948    12.229934   0.272356
 0.000464   0.360044    39.031408
0.50000     0.663948    25.661424   0.272356
 0.000464   0.081261    48.732893
0.75000     0.663948    40.282974   0.272356
 0.000464   0.358126    39.046153
1.00000     0.663948    53.111894   0.272356
 0.000464   0.687567    21.993797

COMB DL-G1-4 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.503775   -53.113973  -0.271109
-0.000464   -0.668160   -38.503038
0.25000     -0.503775   -40.284850  -0.271109
-0.000464   -0.334800   -19.104809
0.50000     -0.503775   -25.663461  -0.271109
-0.000464   -0.033431   -19.021838
0.75000     -0.503775   -12.231867  -0.271109
-0.000464   -0.331403   -19.113104
1.00000     -0.503775   -6.588988   -0.271109
-0.000464   -0.668517   -38.530911
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4844

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.108149    0.375506    0.088641
0.000228    0.228410    5.805977
0.25000     0.108149    0.383570    0.088641
0.000228    0.118532    5.802580
0.50000     0.108149    0.402765    0.088641
0.000228    0.020968    5.788814
0.75000     0.108149    0.423661    0.088641
0.000228    0.109566    5.811123
1.00000     0.108149    0.441994    0.088641
0.000228    0.219414    5.822975

COMB DL-G2-1 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.210215   -0.443448   -0.088972
-0.000227   -0.220397   -2.973801
0.25000     -0.210215   -0.425114   -0.088972
-0.000227   -0.107971   -2.950543
0.50000     -0.210215   -0.404219   -0.088972
-0.000227   -0.007196   -2.954965
0.75000     -0.210215   -0.385024   -0.088972
-0.000227   -0.099822   -2.959540
1.00000     -0.210215   -0.376960   -0.088972
-0.000227   -0.209673   -2.991814

COMB DL-G2-2 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.228614    9.095421    0.135995
0.000367    0.350582    19.266666
0.25000     0.228614    17.684132   0.135995
 0.000367   0.193132    45.540926
0.50000     0.228614    38.126486   0.135995
 0.000367   0.073322    60.514286
0.75000     0.228614    60.380077   0.135995
 0.000367   0.197034    45.548581
1.00000     0.228614    79.905336   0.135995
 0.000367   0.361402    19.280713

COMB DL-G2-2 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.215123   -79.906047  -0.140663
-0.000366   -0.354360   -51.982853
0.25000     -0.215123   -60.380478  -0.140663
-0.000366   -0.183331   -21.791689
0.50000     -0.215123   -38.127131  -0.140663
-0.000366   -0.032549   -21.657936
0.75000     -0.215123   -17.684620  -0.140663
-0.000366   -0.173378   -21.739379
1.00000     -0.215123   -9.096315   -0.140663
-0.000366   -0.341886   -51.335240

COMB DL-G2-3 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.488614    8.380716    0.229891
0.000417    0.591211    21.339673
0.25000     0.488614    16.154105   0.229891
 0.000417   0.316053    45.136206
0.50000     0.488614    34.655875   0.229891
 0.000417   0.081420    58.703216
0.75000     0.488614    54.719942   0.229891
 0.000417   0.305430    45.155931
1.00000     0.488614    72.468676   0.229891
 0.000417   0.584928    21.377925

COMB DL-G2-3 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.411340   -72.471682  -0.233087
-0.000415   -0.585028   -48.932296
0.25000     -0.411340   -54.799668  -0.233087
-0.000415   -0.299639   -22.211131
0.50000     -0.411340   -34.658822  -0.233087
-0.000415   -0.035550   -22.096631
0.75000     -0.411340   -16.156909  -0.233087
-0.000415   -0.278450   -22.222238
1.00000     -0.411340   -8.383889   -0.233087
-0.000415   -0.562883   -48.969908
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4845

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.531765    5.716462    0.271651
0.000640    0.683234    22.092916
0.25000     0.531765    10.403862   0.271651
 0.000640   0.352571    36.192149
0.50000     0.531765    21.560881   0.271651
 0.000640   0.080394    44.219132
0.75000     0.531765    33.706327   0.271651
 0.000640   0.362216    36.197570
1.00000     0.531765    44.362718   0.271651
 0.000640   0.690032    22.102765

COMB DL-G2-4 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.506700   -44.363214  -0.270820
-0.000640   -0.659818   -33.458831
0.25000     -0.506700   -33.706654  -0.270820
-0.000640   -0.326129   -17.342025
0.50000     -0.506700   -21.561341  -0.270820
-0.000640   -0.031662   -17.269541
0.75000     -0.506700   -10.404337  -0.270820
-0.000640   -0.334250   -17.341824
1.00000     -0.506700   -5.717585   -0.270820
-0.000640   -0.670265   -33.467745

COMB DL-G3-1 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.179785    0.516575    0.141674
0.000416    0.340184    8.283061
0.25000     0.179785    0.524640    0.141674
0.000416    0.164964    8.189526
0.50000     0.179785    0.543834    0.141674
0.000416    0.028590    8.136834
0.75000     0.179785    0.564730    0.141674
0.000416    0.194622    8.170538
1.00000     0.179785    0.583063    0.141674
0.000416    0.368469    8.244944

COMB DL-G3-1 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.311841   -0.579459   -0.140213
-0.000441   -0.325418   -3.362484
0.25000     -0.311841   -0.561125   -0.140213
-0.000441   -0.150649   -3.324792
0.50000     -0.311841   -0.540230   -0.140213
-0.000441   -0.009144   -3.314818
0.75000     -0.311841   -0.521035   -0.140213
-0.000441   -0.185382   -3.304721
1.00000     -0.311841   -0.512971   -0.140213
-0.000441   -0.360363   -3.322459

COMB DL-G3-2 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.354073    12.673449   0.193893
 0.000523   0.471244    23.753590
0.25000     0.354073    24.866999   0.193893
 0.000523   0.247726    61.089588
0.50000     0.354073    53.889383   0.193893
 0.000523   0.090318    82.349608
0.75000     0.354073    85.483214   0.193893
 0.000523   0.303259    61.066683
1.00000     0.354073    113.203582  0.193893
 0.000523   0.538603    23.706697

COMB DL-G3-2 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.388836   -113.198710 -0.200231
-0.000546   -0.480985   -70.460837
0.25000     -0.388836   -85.477902  -0.200231
-0.000546   -0.236280   -28.517359
0.50000     -0.388836   -53.884419  -0.200231
-0.000546   -0.041498   -28.309999
0.75000     -0.388836   -24.861811  -0.200231
-0.000546   -0.276124   -28.479080
1.00000     -0.388836   -12.668838  -0.200231
-0.000546   -0.515318   -70.408144
Program  SAP2000   Nonlinear   Version  7.42
                File:하행S06-S1003.OUT

                      Page
<            MOVING          LOAD          >
                             4846

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.352675    9.633229    0.235202
0.000681    0.581157    25.166131
0.25000     0.352675    18.422746   0.235202
 0.000681   0.300951    51.969305
0.50000     0.352675    39.343048   0.235202
 0.000681   0.109319    67.262332
0.75000     0.352675    62.116935   0.235202
 0.000681   0.340253    51.953856
1.00000     0.352675    82.098700   0.235202
 0.000681   0.625305    25.134455

COMB DL-G3-3 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.412492   -82.095149  -0.238139
-0.000702   -0.572999   -54.414709
0.25000     -0.412492   -62.113066  -0.238139
-0.000702   -0.280511   -24.180874
0.50000     -0.412492   -39.339431  -0.238139
-0.000702   -0.038936   -24.031876
0.75000     -0.412492   -18.418967  -0.238139
-0.000702   -0.311426   -24.154259
1.00000     -0.412492   -9.629866   -0.238139
-0.000702   -0.602069   -54.379040

COMB DL-G3-4 ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.466302    8.175068    0.280169
0.000673    0.700671    24.526137
0.25000     0.466302    15.469424   0.280169
 0.000673   0.362860    46.748877
0.50000     0.466302    32.831029   0.280169
 0.000673   0.090957    59.424553
0.75000     0.466302    51.730910   0.280169
 0.000673   0.385111    46.745729
1.00000     0.466302    68.313630   0.280169
 0.000673   0.726869    24.519189

COMB DL-G3-4 ---------- MIN

REL DIST          P           V2          V3
      T           M2          M3
0.00000     -0.548799   -68.312456  -0.282691
-0.000690   -0.687955   -47.285740
0.25000     -0.548799   -51.729473  -0.282691
-0.000690   -0.340163   -22.200123
0.50000     -0.548799   -32.829800  -0.282691
-0.000690   -0.037559   -22.081512
0.75000     -0.548799   -15.468062  -0.282691
-0.000690   -0.354953   -22.188117
1.00000     -0.548799   -8.174051   -0.282691
-0.000690   -0.701140   -47.276289

COMB      DB ---------- MAX

REL DIST          P           V2          V3
      T           M2          M3
0.00000     0.401865    10.908488   0.206371
 0.000867   0.524114    24.600165
0.25000     0.401865    31.966825   0.206371
 0.000867   0.275913    78.327910
0.50000     0.401865    59.711843   0.206371
 0.000867   0.081117    99.524484
0.75000     0.401865    85.709445   0.206371
 0.000867   0.269373    78.312268
1.00000     0.401865    112.983825  0.206371
 0.000867   0.515608    24.577573
```

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.362581	-112.971346	-0.204698
-0.000880	-0.514288	-76.000418	
0.25000	-0.362581	-85.697139	-0.204698
-0.000880	-0.264957	-28.311161	
0.50000	-0.362581	-59.699531	-0.204698
-0.000880	-0.044174	-27.614803	
0.75000	-0.362581	-31.954515	-0.204698
-0.000880	-0.268122	-28.302473	
1.00000	-0.362581	-10.896374	-0.204698
-0.000880	-0.511764	-75.984381	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.663948	12.673449	0.280169
0.000681	0.700671	25.166131	
0.25000	0.663948	24.866999	0.280169
0.000681	0.362660	61.085868	
0.50000	0.663948	53.889383	0.280169
0.000681	0.093319	82.349608	
0.75000	0.663948	85.483214	0.280169
0.000681	0.385111	61.066683	
1.00000	0.663948	113.203582	0.280169
0.000681	0.726869	25.134455	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.548799	-113.198710	-0.282691
-0.000702	-0.687955	-76.460837	
0.25000	-0.548799	-85.477902	-0.282691
-0.000702	-0.340163	-28.517359	
0.50000	-0.548799	-53.884419	-0.282691
-0.000702	-0.041498	-28.309999	
0.75000	-0.548799	-24.861811	-0.282691
-0.000702	-0.354553	-28.479080	
1.00000	-0.548799	-12.668838	-0.282691
-0.000702	-0.701140	-70.408144	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.663948	12.673449	0.280169
0.000867	0.700671	25.166131	
0.25000	0.663948	31.966825	0.280169
0.000867	0.362660	78.327910	
0.50000	0.663948	59.711843	0.280169
0.000867	0.093319	99.524484	
0.75000	0.663948	85.709445	0.280169
0.000867	0.385111	78.312268	
1.00000	0.663948	113.203582	0.280169
0.000867	0.726869	25.134455	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.548799	-113.198710	-0.282691
-0.000880	-0.687955	-76.000418	
0.25000	-0.548799	-85.697139	-0.282691
-0.000880	-0.340163	-28.517359	
0.50000	-0.548799	-59.699531	-0.282691
-0.000880	-0.663948	-59.711843	
0.75000	-0.548799	-31.954515	-0.282691
-0.000880	-0.354553	-28.479080	
1.00000	-0.548799	-12.668838	-0.282691
-0.000880	-0.701140	-75.984381	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.663948	12.673449	0.280169
0.000867	0.700671	25.166131	
0.25000	0.663948	31.966825	0.280169
0.000867	0.362660	78.327910	
0.50000	0.663948	59.711843	0.280169
0.000867	0.093319	99.524484	
0.75000	0.663948	85.709445	0.280169
0.000867	0.385111	78.312268	
1.00000	0.663948	113.203582	0.280169
0.000867	0.726869	25.134455	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.548799	-113.198710	-0.282691
-0.000880	-0.687955	-76.000418	
0.25000	-0.548799	-85.697139	-0.282691
-0.000880	-0.340163	-28.517359	
0.50000	-0.548799	-59.699531	-0.282691
-0.000880	-0.044174	-28.309999	
0.75000	-0.548799	-31.954515	-0.282691
-0.000880	-0.354553	-28.479080	
1.00000	-0.548799	-12.668838	-0.282691
-0.000880	-0.701140	-75.984381	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 473 ========== LENGTH = 4.943063

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.257209	0.173307	0.076116
0.000354	0.197670	3.344267	
0.25000	0.257209	0.197158	0.076116
0.000354	0.159743	3.171280	
0.50000	0.257209	0.228545	0.076116
0.000354	0.012303	3.175606	
0.75000	0.257209	0.257954	0.076116
0.000354	0.112223	3.042010	
1.00000	0.257209	0.288818	0.076116
0.000354	0.229925	2.886312	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.216487	-0.224006	-0.095244
-3.85E-06	-0.240898	-1.584252	
0.25000	-0.216487	-0.193160	-0.095244
-3.85E-06	-0.123209	-1.631595	
0.50000	-0.216487	-0.163750	-0.095244
-3.85E-06	-0.005505	-1.732198	
0.75000	-0.216487	-0.132364	-0.095244
-3.85E-06	-0.084817	-1.833933	
1.00000	-0.216487	-0.108550	-0.095244
-3.85E-06	-0.178819	-1.988814	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.377252	0.757565	0.130476
0.000671	0.338800	7.432737	
0.25000	0.377252	1.425408	0.130476
0.000671	0.178184	8.745126	
0.50000	0.377252	2.304240	0.130476
0.000671	0.025665	9.127724	
0.75000	0.377252	3.127683	0.130476
0.000671	0.186345	8.289666	
1.00000	0.377252	3.991871	0.130476
0.000671	0.381009	6.549776	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.318301	-3.804299	-0.157629
-8.57E-05	-0.398840	-5.039865	
0.25000	-0.318301	-2.940601	-0.157629
-8.57E-05	-0.204242	-3.722380	
0.50000	-0.318301	-2.117113	-0.157629
-8.57E-05	-0.010844	-3.896198	
0.75000	-0.318301	-1.238303	-0.157629
-8.57E-05	-0.145867	-4.101704	
1.00000	-0.318301	-0.571514	-0.157629
-8.57E-05	-0.306509	-5.795296	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.384766	0.868488	0.144291
0.000864	0.375169	12.165002	
0.25000	0.384766	0.889954	0.144291
0.000864	0.197386	11.503770	
0.50000	0.384766	0.918202	0.144291
0.000864	0.038899	11.023620	
0.75000	0.384766	0.944670	0.144291
0.000864	0.210568	10.831735	
1.00000	0.384766	0.972448	0.144291
0.000864	0.416196	10.828840	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.300302	-0.644777	-0.166756
-0.000306	-0.419221	-3.808575	
0.25000	-0.300302	-0.617015	-0.166756
-0.000306	-0.221528	-4.028158	
0.50000	-0.300302	-0.590546	-0.166756
-0.000306	-0.013373	-4.295674	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000	-0.300302	-0.562298	-0.166756
-0.000306	-0.160230	-4.564210	
1.00000	-0.300302	-0.540866	-0.166756
-0.000306	-0.338242	-4.880576	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.402216	7.183061	0.164874
0.000851	0.419012	21.763615	
0.25000	0.402216	19.830341	0.164874
0.000851	0.222025	53.553950	
0.50000	0.402216	36.473225	0.164874
0.000851	0.071201	65.787423	
0.75000	0.402216	52.067173	0.164874
0.000851	0.285612	52.694977	
1.00000	0.402216	68.432725	0.164874
0.000851	0.544268	20.196030	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.357553	-68.002731	-0.212268
-0.000549	-0.528559	-48.034621	
0.25000	-0.357553	-51.464468	-0.212268
-0.000549	-0.270962	-19.824894	
0.50000	-0.357553	-36.051649	-0.212268
-0.000549	-0.036542	-19.856702	
0.75000	-0.357553	-19.409191	-0.212268
-0.000549	-0.198039	-20.488634	
1.00000	-0.357553	-6.781866	-0.212268
-0.000549	-0.396505	-49.301163	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.107403	0.381296	0.055165
0.000373	0.143161	5.094691	
0.25000	0.107403	0.405058	0.055165
0.000373	0.075209	4.825415	
0.50000	0.107403	0.436445	0.055165
0.000373	0.016120	4.620341	
0.75000	0.107403	0.465853	0.055165
0.000373	0.069930	4.530100	
1.00000	0.107403	0.496717	0.055165
0.000373	0.143255	4.541689	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.081784	-0.338937	-0.059327
-0.000159	-0.150043	-1.524853	
0.25000	-0.081784	-0.308090	-0.059327
-0.000159	-0.076726	-1.576848	
0.50000	-0.081784	-0.276860	-0.059327
-0.000159	-0.005079	-1.682104	
0.75000	-0.081784	-0.247294	-0.059327
-0.000159	-0.061803	-1.788491	
1.00000	-0.081784	-0.223480	-0.059327
-0.000159	-0.129714	-1.948025	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.165418	9.118022	0.081155
0.000536	0.207706	20.406810	
0.25000	0.165418	26.434241	0.081155
0.000536	0.116469	64.438498	
0.50000	0.165418	49.221103	0.081155
0.000536	0.067543	81.550096	
0.75000	0.165418	70.571799	0.081155
0.000536	0.163171	63.780273	
1.00000	0.165418	92.978948	0.081155
0.000536	0.295850	19.301935	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.115260	-92.624732	-0.110955
-0.000333	-0.284228	-62.887336	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000	-0.115260	-70.230302	-0.110955
-0.000333	-0.152877	-24.054446	
0.50000	-0.115260	-48.878414	-0.110955
-0.000333	-0.039484	-23.888893	
0.75000	-0.115260	-26.092134	-0.110955
-0.000333	-0.100884	-24.545007	
1.00000	-0.115260	-8.803237	-0.110955
-0.000333	-0.194111	-63.785022	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.328934	8.370287	0.132219
0.000761	0.340949	21.198758	
0.25000	0.328934	24.019283	0.132219
0.000761	0.185844	60.899150	
0.50000	0.328934	44.612204	0.132219
0.000761	0.071093	76.278349	
0.75000	0.328934	63.907234	0.132219
0.000761	0.232268	60.128195	
1.00000	0.328934	84.157000	0.132219
0.000761	0.441175	19.836841	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.248875	-83.770165	-0.172346
-0.000294	-0.440526	-58.024293	
0.25000	-0.248875	-63.531892	-0.172346
-0.000294	-0.232113	-25.001619	
0.50000	-0.248875	-44.235786	-0.172346
-0.000294	-0.039991	-22.943352	
0.75000	-0.248875	-23.643391	-0.172346
-0.000294	-0.156463	-23.617647	
1.00000	-0.248875	-8.019086	-0.172346
-0.000294	-0.313302	-59.161044	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.360156	6.148061	0.174699
0.000839	0.439909	21.630877	
0.25000	0.360156	16.416150	0.174699
0.000839	0.229525	47.184539	
0.50000	0.360156	29.928194	0.174699
0.000839	0.069293	56.967565	
0.75000	0.360156	42.588628	0.174699
0.000839	0.296651	46.302654	
1.00000	0.360156	55.875511	0.174699
0.000839	0.561431	19.970308	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.353810	-55.395866	-0.216702
-0.000742	-0.532218	-39.808312	
0.25000	-0.353810	-42.116524	-0.216702
-0.000742	-0.268297	-16.971996	
0.50000	-0.353810	-29.455384	-0.216702
-0.000742	-0.032672	-17.064451	
0.75000	-0.353810	-15.943685	-0.216702
-0.000742	-0.212647	-17.644140	
1.00000	-0.353810	-5.691798	-0.216702
-0.000742	-0.424118	-41.103206	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.133704	0.573865	0.111877
0.000259	0.270794	7.676346	
0.25000	0.133704	0.597716	0.111877
0.000259	0.132541	7.293346	
0.50000	0.133704	0.629103	0.111877
0.000259	0.022633	7.004599	
0.75000	0.133704	0.658512	0.111877
0.000259	0.179896	6.890025	
1.00000	0.133704	0.689375	0.111877
0.000259	0.337735	6.876116	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.241633	-0.447411	-0.127918
-0.000763	-0.295201	-1.721296	
0.25000	-0.241633	-0.416529	-0.127918
-0.000763	-0.137494	-1.803698	
0.50000	-0.241633	-0.387155	-0.127918
-0.000763	-0.006323	-1.939360	
0.75000	-0.241633	-0.355769	-0.127918
-0.000763	-0.144171	-2.076154	
1.00000	-0.241633	-0.331955	-0.127918
-0.000763	-0.282377	-2.266095	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.216092	11.081477	0.144639
0.000391	0.349372	24.328077	
0.25000	0.216092	32.166240	0.144639
0.000391	0.181130	78.044603	
0.50000	0.216092	59.912226	0.144639
0.000391	0.079666	98.938461	
0.75000	0.216092	85.909493	0.144639
0.000391	0.293688	77.278368	
1.00000	0.216092	113.193128	0.144639
0.000391	0.547731	23.034971	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.325209	-112.766351	-0.205084
-0.000943	-0.488333	-76.009859	
0.25000	-0.325209	-85.498201	-0.205084
-0.000943	-0.241554	-28.699762	
0.50000	-0.325209	-59.499485	-0.205084
-0.000943	-0.046647	-28.472209	
0.75000	-0.325209	-31.754207	-0.205084
-0.000943	-0.196595	-29.245145	
1.00000	-0.325209	-10.702712	-0.205084
-0.000943	-0.366305	-76.999028	

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.249132	8.187006	0.167618
0.000658	0.412488	24.610646	
0.25000	0.249132	22.655351	0.167618
0.000658	0.212949	60.981139	
0.50000	0.249132	41.694622	0.167618
0.000658	0.078363	74.992716	
0.75000	0.249132	59.533923	0.167618
0.000658	0.301822	60.059303	
1.00000	0.249132	78.255928	0.167618
0.000658	0.553065	22.932079	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.313688	-77.725748	-0.206920
-0.001047	-0.498615	-54.026122	
0.25000	-0.313688	-59.014368	-0.206920
-0.001047	-0.282682	-21.758897	
0.50000	-0.313688	-41.174072	-0.206920
-0.001047	-0.038739	-21.693670	
0.75000	-0.313688	-22.135288	-0.206920
-0.001047	-0.215291	-22.367978	
1.00000	-0.313688	-7.689771	-0.206920
-0.001047	-0.416589	-55.280569	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.333499	6.949580	0.187960
0.000804	0.469502	23.141038	
0.25000	0.333499	18.917090	0.187960
0.000804	0.243529	53.059468	
0.50000	0.333499	34.665449	0.187960
0.000804	0.074236	64.534735	
0.75000	0.333499	49.421251	0.187960
0.000804	0.319476	52.126915	
1.00000	0.333499	64.907183	0.187960
0.000804	0.600423	21.409925	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.366092	-64.384814	-0.229950
-0.000896	-0.560100	-45.723936	
0.25000	-0.366092	-48.907671	-0.229950
-0.000896	-0.280324	-19.062630	
0.50000	-0.366092	-34.151047	-0.229950
-0.000896	-0.035699	-19.124927	
0.75000	-0.366092	-18.403091	-0.229950
-0.000896	-0.232990	-19.755140	
1.00000	-0.366092	-6.454462	-0.229950
-0.000896	-0.460343	-47.051303	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.478757	0.287628	0.104630
0.000303	0.271403	4.773507	
0.25000	0.478757	0.295699	0.104630
0.000303	0.141720	4.643774	
0.50000	0.478757	0.314898	0.104630
0.000303	0.017461	4.507018	
0.75000	0.478757	0.335793	0.104630
0.000303	0.149191	4.345485	
1.00000	0.478757	0.354126	0.104630
0.000303	0.304488	4.177056	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.275509	-0.240681	-0.125646
-3.43E-06	-0.316452	-3.196046	
0.25000	-0.275509	-0.222349	-0.125646
-3.43E-06	-0.160872	-3.151992	
0.50000	-0.275509	-0.201456	-0.125646
-3.43E-06	-0.008727	-3.135659	
0.75000	-0.275509	-0.182261	-0.125646
-3.43E-06	-0.115578	-3.119561	
1.00000	-0.275509	-0.174199	-0.125646
-3.43E-06	-0.245519	-3.131081	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.603336	0.859506	0.171534
0.000561	0.444789	9.611025	
0.25000	0.603336	1.093559	0.171534
0.000561	0.232277	9.976965	
0.50000	0.603336	1.650324	0.171534
0.000561	0.033985	10.082586	
0.75000	0.603336	2.256285	0.171534
0.000561	0.255091	9.438020	
1.00000	0.603336	2.787931	0.171534
0.000561	0.517592	8.503969	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.491121	-2.548599	-0.212446
-8.22E-05	-0.532957	-6.911210	
0.25000	-0.491121	-2.016767	-0.212446
-8.22E-05	-0.270054	-6.082042	
0.50000	-0.491121	-1.410871	-0.212446
-8.22E-05	-0.016002	-6.056882	
0.75000	-0.491121	-0.854212	-0.212446
-8.22E-05	-0.190626	-6.037975	
1.00000	-0.491121	-0.620423	-0.212446
-8.22E-05	-0.402469	-6.818832	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.605140	1.130700	0.191727
0.000724	0.496337	14.811850	
0.25000	0.605140	1.137964	0.191727
0.000724	0.258820	14.193824	
0.50000	0.605140	1.155243	0.191727
0.000724	0.050301	13.670707	
0.75000	0.605140	1.171048	0.191727
0.000724	0.304309	13.357379	
1.00000	0.605140	1.190548	0.191727
0.000724	0.606410	13.152394	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.447442	-0.807174	-0.244476
-0.000278	-0.605922	-7.858983	
0.25000	-0.447442	-0.790675	-0.244476
-0.000278	-0.304469	-7.911086	
0.50000	-0.447442	-0.771872	-0.244476
-0.000278	-0.021423	-7.788310	
0.75000	-0.447442	-0.754596	-0.244476
-0.000278	-0.214749	-7.765619	
1.00000	-0.447442	-0.747340	-0.244476
-0.000278	-0.451146	-7.767838	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.646638	6.857768	0.230680
0.000715	0.582650	21.983126	
0.25000	0.646638	12.505534	0.230680
0.000715	0.305626	38.554043	
0.50000	0.646638	25.939667	0.230680
0.000715	0.077800	47.780735	
0.75000	0.646638	40.561083	0.230680
0.000715	0.364329	37.591517	
1.00000	0.646638	53.389323	0.230680
0.000715	0.757430	20.083437	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.486218	-52.907587	-0.298855
-0.000481	-0.734364	-38.508343	
0.25000	-0.486218	-40.079660	-0.298855
-0.000481	-0.367417	-19.077435	
0.50000	-0.486218	-25.459810	-0.298855
-0.000481	-0.036032	-19.046140	
0.75000	-0.486218	-12.028022	-0.298855
-0.000481	-0.283443	-19.158741	
1.00000	-0.486218	-6.386855	-0.298855
-0.000481	-0.567949	-38.582223	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.110216	0.468613	0.067325
0.000303	0.173727	5.813627	
0.25000	0.110216	0.476684	0.067325
0.000303	0.090608	5.631399	
0.50000	0.110216	0.495883	0.067325
0.000303	0.019866	5.469066	
0.75000	0.110216	0.516778	0.067325
0.000303	0.109669	5.327906	
1.00000	0.110216	0.535110	0.067325
0.000303	0.219119	5.180505	

COMB DL-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.199135	-0.378902	-0.088665
-0.000149	-0.219409	-2.976991	
0.25000	-0.199135	-0.360570	-0.088665
-0.000149	-0.109694	-2.942995	
0.50000	-0.199135	-0.339677	-0.088665
-0.000149	-0.007883	-2.936656	
0.75000	-0.199135	-0.320482	-0.088665

-0.000149 -0.075499 -2.930571
1.00000 -0.199135 -0.312420 -0.088665
-0.000149 -0.158206 -2.952045

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.224572	9.275455	0.110931
0.000433	0.282075	19.276892	
0.25000	0.224572	17.871197	0.110931
0.000433	0.157458	45.201025	
0.50000	0.224572	38.317573	0.110931
0.000433	0.071016	59.871763	
0.75000	0.224572	60.570962	0.110931
0.000433	0.227794	44.562168	
1.00000	0.224572	80.095186	0.110931
0.000433	0.417133	17.996345	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4854

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.203382	-79.729886	-0.161450
-0.000293	-0.403638	-51.321515	
0.25000	-0.203382	-60.206137	-0.161450
-0.000293	-0.207131	-21.766928	
0.50000	-0.203382	-37.955133	-0.161450
-0.000293	-0.034317	-21.738022	
0.75000	-0.203382	-17.543327	-0.161450
-0.000293	-0.146681	-21.928236	
1.00000	-0.203382	-8.926627	-0.161450
-0.000293	-0.282965	-51.508958	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.480074	8.613886	0.178549
0.000628	0.458558	21.355476	
0.25000	0.480074	16.393637	0.178549
0.000628	0.248484	44.699005	
0.50000	0.480074	34.899048	0.178549
0.000628	0.078343	57.869177	
0.75000	0.480074	55.039932	0.178549
0.000628	0.321166	43.892547	
1.00000	0.480074	72.710729	0.178549
0.000628	0.611207	19.723394	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.391473	-72.281568	-0.242568
-0.000257	-0.607937	-48.934561	
0.25000	-0.391473	-54.611200	-0.242568
-0.000257	-0.317810	-22.173207	
0.50000	-0.391473	-34.472475	-0.242568
-0.000257	-0.037836	-22.134676	
0.75000	-0.391473	-15.970296	-0.242568
-0.000257	-0.218964	-22.390166	
1.00000	-0.391473	-8.199632	-0.242568
-0.000257	-0.439069	-49.189467	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.519146	6.003944	0.245180
0.000696	0.613211	22.111012	
0.25000	0.519146	10.695282	0.245180
0.000696	0.316434	35.693781	
0.50000	0.519146	21.854395	0.245180
0.000696	0.076957	43.222477	
0.75000	0.519146	33.999731	0.245180
0.000696	0.418975	34.684057	
1.00000	0.519146	44.655557	0.245180
0.000696	0.800758	20.110212	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.490365	-44.137712	-0.313647
-0.000637	-0.762822	-33.464200	
0.25000	-0.490365	-33.482145	-0.313647
-0.000637	-0.376843	-17.327353	
0.50000	-0.490365	-21.338111	-0.313647
-0.000637	-0.034227	-17.304920	
0.75000	-0.490365	-10.180945	-0.313647
-0.000637	-0.305583	-17.704500	
1.00000	-0.490365	-5.495088	-0.313647
-0.000637	-0.608229	-33.652006	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.170189	0.656335	0.165525
0.000226	0.398135	8.289894	
0.25000	0.170189	0.664406	0.165525
0.000226	0.193783	7.962351	
0.50000	0.170189	0.683605	0.165525
0.000226	0.027132	7.674508	
0.75000	0.170189	0.704500	0.165525
0.000226	0.263040	7.472465	
1.00000	0.170189	0.722833	0.165525
0.000226	0.500911	7.311701	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4855

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.308009	-0.469247	-0.192537
-0.000670	-0.449299	-3.365088	
0.25000	-0.308009	-0.450915	-0.192537
-0.000670	-0.211494	-3.346558	
0.50000	-0.308009	-0.430022	-0.192537
-0.000670	-0.010130	-3.355874	
0.75000	-0.308009	-0.410827	-0.192537
-0.000670	-0.215773	-3.365608	
1.00000	-0.308009	-0.402765	-0.192537
-0.000670	-0.420066	-3.402654	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338463	12.887637	0.223036
0.000309	0.535065	23.761524	
0.25000	0.338463	25.091169	0.223036
0.000309	0.278129	60.701033	
0.50000	0.338463	54.119264	0.223036
0.000309	0.088353	81.613258	
0.75000	0.338463	85.712807	0.223036
0.000309	0.413404	59.937862	
1.00000	0.338463	113.431705	0.223036
0.000309	0.754388	22.248061	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.384953	-112.979182	-0.286642
-0.000778	-0.685380	-70.455161	
0.25000	-0.384953	-85.260959	-0.286642
-0.000778	-0.335555	-28.513646	
0.50000	-0.384953	-53.670801	-0.286642
-0.000778	-0.043376	-28.510978	
0.75000	-0.384953	-24.647775	-0.286642
-0.000778	-0.315038	-28.809982	
1.00000	-0.384953	-12.458499	-0.286642
-0.000778	-0.590317	-70.796787	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338829	9.913794	0.244794
0.000519	0.597661	25.179587	
0.25000	0.338829	18.710506	0.244794
0.000519	0.308479	51.476492	
0.50000	0.338829	39.634925	0.244794
0.000519	0.090477	66.295040	
0.75000	0.338829	62.408604	0.244794
0.000519	0.439258	50.482994	
1.00000	0.338829	82.389309	0.244794
0.000519	0.814203	23.202962	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.403123	-81.838024	-0.313272
-0.000874	-0.751683	-54.414333	
0.25000	-0.403123	-61.857805	-0.313272
-0.000874	-0.368516	-24.180205	
0.50000	-0.403123	-39.086566	-0.313272
-0.000874	-0.041351	-24.162149	
0.75000	-0.403123	-18.165801	-0.313272
-0.000874	-0.327452	-24.368418	
1.00000	-0.403123	-9.379365	-0.313272
-0.000874	-0.629014	-54.652249	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.454311	8.469020	0.265741
0.000646	0.658639	24.543397	
0.25000	0.454311	15.769347	0.265741
0.000646	0.300818	46.223834	
0.50000	0.454311	33.134368	0.265741
0.000646	0.087768	58.404074	
0.75000	0.454311	52.034077	0.265741
0.000646	0.460012	45.199463	
1.00000	0.454311	68.615918	0.265741
0.000646	0.869294	22.483081	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4856

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.531459	-68.062088	-0.339102
-0.000748	-0.821972	-47.288107	
0.25000	-0.531459	-51.480651	-0.339102
-0.000748	-0.406115	-22.213469	
0.50000	-0.531459	-32.582968	-0.339102
-0.000748	-0.040077	-22.213693	
0.75000	-0.531459	-15.229979	-0.339102
-0.000748	-0.341021	-22.433221	
1.00000	-0.531459	-7.929180	-0.339102
-0.000748	-0.668712	-47.582186	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.402216	11.081477	0.187960
0.000864	0.469502	24.610646	
0.25000	0.402216	32.166240	0.187960
0.000864	0.243529	78.044603	
0.50000	0.402216	59.912226	0.187960
0.000864	0.079666	98.938461	
0.75000	0.402216	85.909493	0.187960
0.000864	0.319476	77.278366	
1.00000	0.402216	113.193128	0.187960
0.000864	0.600423	23.034971	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.366092	-112.766351	-0.229950
-0.001047	-0.560100	-76.009859	
0.25000	-0.366092	-85.498201	-0.229950
-0.001047	-0.280324	-28.699762	
0.50000	-0.366092	-59.499485	-0.229950
-0.001047	-0.046647	-28.472209	
0.75000	-0.366092	-31.754207	-0.229950
-0.001047	-0.232990	-29.245145	
1.00000	-0.366092	-10.702712	-0.229950
-0.001047	-0.460343	-76.999028	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.646638	12.887637	0.265741
0.000724	0.658639	25.179587	
0.25000	0.646638	32.166240	0.265741
0.000724	0.340818	60.701033	
0.50000	0.646638	54.119264	0.265741
0.000724	0.090477	81.613258	
0.75000	0.646638	85.712807	0.265741
0.000724	0.460012	59.937862	
1.00000	0.646638	113.431705	0.265741
0.000724	0.869294	23.202962	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.531459	-112.979182	-0.339102
-0.000874	-0.821972	-70.455161	
0.25000	-0.531459	-85.260959	-0.339102
-0.000874	-0.406115	-28.513646	
0.50000	-0.531459	-53.670801	-0.339102
-0.000874	-0.043376	-28.510978	
0.75000	-0.531459	-24.647775	-0.339102
-0.000874	-0.341021	-28.809982	
1.00000	-0.531459	-12.458499	-0.339102
-0.000874	-0.668712	-70.796787	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.646638	12.887637	0.265741
0.000864	0.658639	25.179587	
0.25000	0.646638	32.166240	0.265741
0.000864	0.340818	78.044603	
0.50000	0.646638	59.912226	0.265741
0.000864	0.090477	98.938461	
0.75000	0.646638	85.909493	0.265741
0.000864	0.460012	77.278366	
1.00000	0.646638	113.431705	0.265741
0.000864	0.869294	23.202962	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4857

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.531459	-112.979182	-0.339102
-0.001047	-0.821972	-76.009859	
0.25000	-0.531459	-85.498201	-0.339102
-0.001047	-0.406115	-28.699762	
0.50000	-0.531459	-59.499485	-0.339102
-0.001047	-0.046647	-28.510978	
0.75000	-0.531459	-31.754207	-0.339102
-0.001047	-0.341021	-29.245145	
1.00000	-0.531459	-12.458499	-0.339102
-0.001047	-0.668712	-76.999028	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.646638	12.887637	0.265741
0.000864	0.658639	25.179587	
0.25000	0.646638	32.166240	0.265741
0.000864	0.340818	78.044603	
0.50000	0.646638	59.912226	0.265741
0.000864	0.090477	98.938461	
0.75000	0.646638	85.909493	0.265741
0.000864	0.460012	77.278366	
1.00000	0.646638	113.431705	0.265741
0.000864	0.869294	23.202962	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.531459	-112.979182	-0.339102
-0.001047	-0.821972	-76.009859	
0.25000	-0.531459	-85.496201	-0.339102
-0.001047	-0.406115	-28.699762	
0.50000	-0.531459	-59.499485	-0.339102
-0.001047	-0.046647	-28.510978	
0.75000	-0.531459	-31.754207	-0.339102
-0.001047	-0.341021	-29.245145	
1.00000	-0.531459	-12.458499	-0.339102
-0.001047	-0.668712	-76.999028	

ELEM 474 ========== LENGTH = 4.943243

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.235075	0.277897	0.051582
0.000552	0.134822	2.874184	
0.25000	0.235075	0.301778	0.051582
0.000552	0.071221	2.688259	
0.50000	0.235075	0.333175	0.051582
0.000552	0.008835	2.376074	
0.75000	0.235075	0.362586	0.051582
0.000552	0.091809	2.080498	
1.00000	0.235075	0.393481	0.051582
0.000552	0.189991	1.767171	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.208648	-0.225110	-0.079453
-3.76E-07	-0.202834	-1.963861	
0.25000	-0.208648	-0.198258	-0.079453
-3.76E-07	-0.104640	-1.911191	
0.50000	-0.208648	-0.164867	-0.079453
-3.76E-07	-0.006425	-1.911747	
0.75000	-0.208648	-0.133477	-0.079453
-3.76E-07	-0.056649	-1.913338	
1.00000	-0.208648	-0.109703	-0.079453
-3.76E-07	-0.120293	-1.968375	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.353857	0.972814	0.089308
0.000996	0.234019	6.532270	
0.25000	0.353857	1.641591	0.089308
0.000996	0.123814	7.521707	
0.50000	0.353857	2.520711	0.089308
0.000996	0.019389	7.575421	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4858

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.353857	3.344202	0.089308
0.000996	0.155781	6.371495	
1.00000	0.353857	4.209273	0.089308
0.000996	0.320898	4.333915	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.302710	-3.736263	-0.133761
-3.76E-07	-0.341189	-5.756328	
0.25000	-0.302710	-2.873267	-0.133761
-3.76E-07	-0.175955	-4.271174	
0.50000	-0.302710	-2.049479	-0.133761
-3.76E-07	-0.012459	-4.276336	
0.75000	-0.302710	-1.170538	-0.133761
-3.76E-07	-0.151601	-6.291459	
1.00000	-0.302710	-0.504865	-0.133761
-3.76E-07	-0.207744	-5.841100	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.355669	1.191327	0.098231
0.001179	0.258633	10.820020	
0.25000	0.355669	1.212820	0.098231
0.001179	0.137464	9.649879	
0.50000	0.355669	1.241077	0.098231
0.001179	0.029895	8.645187	
0.75000	0.355669	1.267447	0.098231
0.001179	0.209514	7.894295	
1.00000	0.355669	1.295352	0.098231
0.001179	0.419034	7.372033	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.271769	-0.418051	-0.169731
-0.000163	-0.420359	-4.845380	
0.25000	-0.271769	-0.390312	-0.169731
-0.000163	-0.210768	-4.843925	
0.50000	-0.271769	-0.363833	-0.169731
-0.000163	-0.015559	-4.890374	
0.75000	-0.271769	-0.335581	-0.169731
-0.000163	-0.107775	-4.937865	
1.00000	-0.271769	-0.314184	-0.169731
-0.000163	-0.227560	-5.033527	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.372423	7.549226	0.136155
0.001041	0.345023	20.207493	
0.25000	0.372423	20.212292	0.136155
0.001041	0.176716	51.387119	
0.50000	0.372423	36.860626	0.136155
0.001041	0.060981	62.993041	
0.75000	0.372423	52.455480	0.136155
0.001041	0.306863	49.031195	
1.00000	0.372423	68.837768	0.136155
0.001041	0.594041	16.095391	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.333980	-67.661858	-0.235261
-0.000504	-0.586525	-49.277616	
0.25000	-0.333980	-51.318878	-0.235261
-0.000504	-0.297118	-20.906480	
0.50000	-0.333980	-35.718401	-0.235261
-0.000504	-0.039625	-20.758190	
0.75000	-0.333980	-19.073440	-0.235261
-0.000504	-0.163299	-21.158460	
1.00000	-0.333980	-6.467261	-0.235261
-0.000504	-0.328608	-49.899169	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104203	0.514833	0.038868
0.000477	0.102449	4.539356	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4859

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.104203	0.538714	0.038868
0.000477	0.054616	4.072244	
0.50000	0.104203	0.570111	0.038868
0.000477	0.012673	3.653347	
0.75000	0.104203	0.599522	0.038868
0.000477	0.066587	3.317772	
1.00000	0.104203	0.630417	0.038868
0.000477	0.130748	3.094111	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076599	-0.227049	-0.051983
-4.14E-06	-0.130971	-1.936932	
0.25000	-0.076599	-0.196228	-0.051983
-4.14E-06	-0.067253	-1.908602	
0.50000	-0.076599	-0.166807	-0.051983
-4.14E-06	-0.005842	-1.933499	
0.75000	-0.076599	-0.135416	-0.051983
-4.14E-06	-0.041859	-1.959430	
1.00000	-0.076599	-0.111642	-0.051983
-4.14E-06	-0.089683	-2.038809	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152792	9.372492	0.064518
0.000643	0.165834	19.310936	
0.25000	0.152792	26.710326	0.064518
0.000643	0.086203	62.916815	
0.50000	0.152792	49.504650	0.064518
0.000643	0.060476	79.578213	
0.75000	0.152792	70.856586	0.064518
0.000643	0.193803	61.196713	
1.00000	0.152792	93.286649	0.064518
0.000643	0.361994	16.352024	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095922	-92.299849	-0.139778
-0.000176	-0.351954	-63.768954	
0.25000	-0.095922	-69.923604	-0.139778
-0.000176	-0.181415	-24.886709	
0.50000	-0.095922	-48.563970	-0.139778
-0.000176	-0.041950	-24.646211	
0.75000	-0.095922	-25.778263	-0.139778
-0.000176	-0.077779	-25.156757	
1.00000	-0.095922	-8.514319	-0.139778
-0.000176	-0.153600	-64.469970	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.307807	8.687868	0.097512
0.001008	0.252939	19.836727	
0.25000	0.307807	24.356397	0.097512
0.001008	0.132480	59.014779	
0.50000	0.307807	44.956268	0.097512
0.001008	0.061946	73.839349	
0.75000	0.307807	64.252212	0.097512
0.001008	0.244899	56.845120	
1.00000	0.307807	84.522687	0.097512
0.001008	0.471519	16.237288	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221216	-83.488218	-0.186675
-0.000159	-0.472120	-59.127775	
0.25000	-0.221216	-63.266381	-0.186675
-0.000159	-0.243352	-23.993648	
0.50000	-0.221216	-43.963273	-0.186675
-0.000159	-0.042627	-23.780803	
0.75000	-0.221216	-23.367782	-0.186675
-0.000159	-0.112482	-24.246674	
1.00000	-0.221216	-7.769642	-0.186675
-0.000159	-0.229605	-59.779269	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4860

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.337769	6.543573	0.154785
0.000844	0.387950	19.996096	
0.25000	0.337769	16.824479	0.154785
0.000844	0.196766	44.902831	
0.50000	0.337769	30.340948	0.154785
0.000844	0.058706	54.006072	
0.75000	0.337769	43.002117	0.154785
0.000844	0.334253	42.461262	
1.00000	0.337769	56.302588	0.154785
0.000844	0.644893	15.607671	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.327093	-55.004532	-0.253891
-0.000759	-0.624472	-41.095482	
0.25000	-0.327093	-41.735974	-0.253891
-0.000759	-0.312223	-18.091026	
0.50000	-0.327093	-29.070240	-0.253891
-0.000759	-0.035601	-18.000168	
0.75000	-0.327093	-15.556509	-0.253891
-0.000759	-0.188923	-18.354677	
1.00000	-0.327093	-5.321790	-0.253891
-0.000759	-0.377580	-41.718312	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.126367	0.763506	0.125883
6.72E-06	0.303970	6.919261	
0.25000	0.126367	0.787388	0.125883
6.72E-06	0.184455	6.228442	
0.50000	0.126367	0.818785	0.125883
6.72E-06	0.018148	5.600479	
0.75000	0.126367	0.848195	0.125883
6.72E-06	0.223122	5.122491	
1.00000	0.126367	0.879091	0.125883
6.72E-06	0.429728	4.779405	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230839	-0.240399	-0.167473
-0.000957	-0.398833	-2.297856	
0.25000	-0.230839	-0.209578	-0.167473
-0.000957	-0.192086	-2.303111	
0.50000	-0.230839	-0.180157	-0.167473
-0.000957	-0.007276	-2.361592	
0.75000	-0.230839	-0.148766	-0.167473
-0.000957	-0.162734	-2.421107	
1.00000	-0.230839	-0.124992	-0.167473
-0.000957	-0.318300	-2.534069	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202007	11.378244	0.166697
8.35E-05	0.400865	23.092643	
0.25000	0.202007	32.489325	0.166697
8.35E-05	0.194878	76.298964	

```
 0.50000     0.202007    60.244398     0.166697
 8.35E-05    0.072096    96.646181
 0.75000     0.202007    86.243174     0.166697
 8.35E-05    0.364087    74.060112
 1.00000     0.202007   113.554711     0.166697
 8.35E-05    0.685078    19.596193

COMB DB-G3-2 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   -0.313051 -112.371188    -0.264535
-0.001164   -0.650812   -77.027443
 0.25000   -0.313051   -85.125183    -0.264535
-0.001164   -0.326673   -29.701780
 0.50000   -0.313051   -59.117033    -0.264535
-0.001164   -0.049426   -29.427502
 0.75000   -0.313051   -31.367583    -0.264535
-0.001164   -0.021228   -30.067602
 1.00000   -0.313051   -10.351342    -0.264535
-0.001164   -0.423838   -77.954940
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4861

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.230151    8.585531     0.172362
 0.000433  0.422575   22.985664
 0.25000   0.230151   23.071936     0.172362
 0.000433  0.839592   58.698649
 0.50000   0.230151   42.117441     0.172362
 0.000433  0.068285   72.001907
 0.75000   0.230151   59.957778     0.172362
 0.000433  0.377222   56.078609
 1.00000   0.230151   78.698930     0.172362
 0.000433  0.713936   18.470846

COMB DB-G3-3 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.288541  -77.233978    -0.275951
-0.001148   -0.670060   -55.303001
 0.25000  -0.288541   -58.537794    -0.275951
-0.001148   -0.331229   -22.874794
 0.50000  -0.288541   -40.691025    -0.275951
-0.001148   -0.041731   -22.733204
 0.75000  -0.288541   -21.649377    -0.275951
-0.001148   -0.219924   -23.219119
 1.00000  -0.288541    -7.228052    -0.275951
-0.001148   -0.429961   -56.126180

COMB DB-G3-4 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.314517    7.364093     0.176018
 0.000734  0.437525   21.448518
 0.25000   0.314517   19.346542     0.176018
 0.000734  0.220087   50.700867
 0.50000   0.314517   35.100058     0.176018
 0.000734  0.063517   61.459738
 0.75000   0.314517   49.856716     0.176018
 0.000734  0.377446   46.090594
 1.00000   0.314517   65.358485     0.176018
 0.000734  0.711801   16.845716

COMB DB-G3-4 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.336936  -63.953765    -0.278798
-0.000956   -0.682825   -47.055866
 0.25000  -0.336936   -48.489191    -0.278798
-0.000956   -0.340118   -20.241707
 0.50000  -0.336936   -33.727213    -0.278798
-0.000956   -0.038720   -20.133467
 0.75000  -0.336936   -17.976888    -0.278798
-0.000956   -0.218286   -20.544288
 1.00000  -0.336936    -6.048270    -0.278798
-0.000956   -0.433058   -47.772283

COMB DL-G1-1 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.435105    0.367307     0.072396
 0.000540  0.187907    4.162074
 0.25000   0.435105    0.375395     0.072396
 0.000540  0.098364    3.803436
 0.50000   0.435105    0.394606     0.072396
 0.000540  0.012885    3.438350
 0.75000   0.435105    0.415504     0.072396
 0.000540  0.127087    3.050736
 1.00000   0.435105    0.433838     0.072396
 0.000540  0.261698    2.654882

COMB DL-G1-1 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.264869   -0.215221    -0.108673
-2.11E-07   -0.275267   -3.107994
 0.25000  -0.264869   -0.196885    -0.108673
-2.11E-07   -0.134696   -3.034698
 0.50000  -0.264869   -0.175988    -0.108673
-2.11E-07   -0.008718   -2.789045
 0.75000  -0.264869   -0.156795    -0.108673
-2.11E-07   -0.080175   -2.643516
 1.00000  -0.264869   -0.148754    -0.108673
-2.11E-07   -0.169437   -2.525874
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4862

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.560467    1.015986     0.120003
 0.000930  0.310674    8.485801
 0.25000   0.560467    1.250546     0.120003
 0.000930  0.163782    8.398113
 0.50000   0.560467    1.807642     0.120003
 0.000930  0.025782    8.039487
 0.75000   0.560467    2.413681     0.120003
 0.000930  0.227739    6.939607
 1.00000   0.560467    2.945384     0.120003
 0.000930  0.464295    5.562709

COMB DL-G1-2 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.460271   -2.445903    -0.191534
-2.11E-07   -0.482831   -6.783302
 0.25000  -0.460271   -1.914174    -0.191534
-2.11E-07   -0.245738   -5.737636
 0.50000  -0.460271   -1.308150    -0.191534
-2.11E-07   -0.015787   -5.493432
 0.75000  -0.460271   -0.751554    -0.191534
-2.11E-07   -0.132956   -5.252914
 1.00000  -0.460271   -0.518374    -0.191534
-2.11E-07   -0.280203   -5.819974

COMB DL-G1-3 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.560428    1.366718     0.143206
 0.001058  0.364925   13.147853
 0.25000   0.560428    1.373998     0.143206
 0.001058  0.190094   11.860226
 0.50000   0.560428    1.391287     0.143206
 0.001058  0.038493   10.629010
 0.75000   0.560428    1.410095     0.143206
 0.001058  0.306452    9.614335
 1.00000   0.560428    1.426596     0.143206
 0.001058  0.611130    8.715680

COMB DL-G1-3 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.410407   -0.558457    -0.246694
-0.000182   -0.607063   -7.740805
 0.25000  -0.410407   -0.541956    -0.246694
-0.000182   -0.303215   -7.411419
 0.50000  -0.410407   -0.523148    -0.246694
-0.000182   -0.021160   -7.107027
 0.75000  -0.410407   -0.505874    -0.246694
-0.000182   -0.165536   -6.802752
 1.00000  -0.410407   -0.498638    -0.246694
-0.000182   -0.341695   -6.523354

COMB DL-G1-4 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.600657    7.093557     0.205230
 0.000942  0.508829   20.104674
 0.25000   0.600657   12.753329     0.205230
 0.000942  0.263633   35.916110
 0.50000   0.600657   26.195673     0.205230
 0.000942  0.064512   44.315623
 0.75000   0.600657   40.818971     0.205230
 0.000942  0.427258   33.285621
 1.00000   0.600657   53.648611     0.205230
 0.000942  0.827693   15.062350

COMB DL-G1-4 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.451011   -52.563623    -0.329714
-0.000474   -0.809658   -38.576558
 0.25000  -0.451011   -39.733357    -0.329714
-0.000474   -0.404536   -18.907040
 0.50000  -0.451011   -25.110411    -0.329714
-0.000474   -0.036355   -18.575252
 0.75000  -0.451011   -11.680133    -0.329714
-0.000474   -0.259627   -18.331020
 1.00000  -0.451011    -6.053673    -0.329714
-0.000474   -0.510541   -37.572841
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4863

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.111596    0.567584     0.049852
 0.000405  0.128712    5.182082
 0.25000   0.111596    0.575673     0.049852
 0.000405  0.067532    4.712302
 0.50000   0.111596    0.594883     0.049852
 0.000405  0.015472    4.268534
 0.75000   0.111596    0.615781     0.049852
 0.000405  0.110251    3.845674
 1.00000   0.111596    0.634115     0.049852
 0.000405  0.218642    3.425036

COMB DL-G2-1 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.178678   -0.269214    -0.088603
-2.11E-06   -0.219398   -2.943347
 0.25000  -0.178678   -0.250879    -0.088603
-2.11E-06   -0.110306   -2.810247
 0.50000  -0.178678   -0.229981    -0.088603
-2.11E-06   -0.007674   -2.704722
 0.75000  -0.178678   -0.210788    -0.088603
-2.11E-06   -0.056477   -2.599392
 1.00000  -0.178678   -0.202748    -0.088603
-2.11E-06   -0.117784   -2.521941

COMB DL-G2-2 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.215360    9.397526     0.100917
 0.000536  0.248612   18.013168
 0.25000   0.215360   18.011541     0.100917
 0.000536  0.135162   43.414432
 0.50000   0.215360   38.470415     0.100917
 0.000536  0.062168   57.487164
 0.75000   0.215360   60.726667     0.100917
 0.000536  0.226570   41.561526
 1.00000   0.215360   80.253021     0.100917
 0.000536  0.495288   14.556679

COMB DL-G2-2 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.176576   -79.420852    -0.194400
-0.000181   -0.478536   -51.504688
 0.25000  -0.176576   -59.893545    -0.194400
-0.000181   -0.242861   -21.849586
 0.50000  -0.176576   -37.637828    -0.194400
-0.000181   -0.034778   -21.625809
 0.75000  -0.176576   -17.397319    -0.194400
-0.000181   -0.139429   -21.535514
 1.00000  -0.176576    -8.634005    -0.194400
-0.000181   -0.260686   -51.102484

COMB DL-G2-3 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.451051    8.795105     0.144445
 0.000891  0.363591   19.728813
 0.25000   0.451051   16.591396     0.144445
 0.000891  0.195492   42.402515
 0.50000   0.451051   35.108117     0.144445
 0.000891  0.066926   54.831080
 0.75000   0.451051   55.251592     0.144445
 0.000891  0.340491   40.104905
 1.00000   0.451051   72.924318     0.144445
 0.000891  0.652590   15.352158

COMB DL-G2-3 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.353144   -71.981029    -0.260626
-0.000164   -0.647491   -49.162692
 0.25000  -0.353144   -54.307441    -0.260626
-0.000164   -0.321121   -22.237181
 0.50000  -0.353144   -34.164450    -0.260626
-0.000164   -0.038182   -21.949013
 0.75000  -0.353144   -15.664350    -0.260626
-0.000164   -0.184652   -21.781721
 1.00000  -0.353144    -7.913947    -0.260626
-0.000164   -0.359792   -48.456316
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4864

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.488574    6.270256     0.232698
 0.000746  0.573474   20.151171
 0.25000   0.488574   10.971567     0.232698
 0.000746  0.292815   32.928446
 0.50000   0.488574   22.137501     0.232698
 0.000746  0.063426   39.576626
 0.75000   0.488574   34.284399     0.232698
 0.000746  0.471182   30.149605
 1.00000   0.488574   44.941388     0.232698
 0.000746  0.911307   14.802621

COMB DL-G2-4 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.449013   -43.750438    -0.360865
-0.000694   -0.878676   -33.661124
 0.25000  -0.449013   -33.092929    -0.360865
-0.000694   -0.434916   -17.307915
 0.50000  -0.449013   -20.946323    -0.360865
-0.000694   -0.034353   -17.017647
 0.75000  -0.449013    -9.790452    -0.360865
-0.000694   -0.296980   -16.800222
 1.00000  -0.449013    -5.116772    -0.360865
-0.000694   -0.582202   -32.768851

COMB DL-G3-1 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.162128    0.814311     0.189616
 6.52E-06  0.457608    7.371280
 0.25000   0.162128    0.822399     0.189616
 6.52E-06  0.223556    6.653317
 0.50000   0.162128    0.841609     0.189616
 6.52E-06  0.021273    5.969811
 0.75000   0.162128    0.862507     0.189616
 6.52E-06  0.319012    5.363271
 1.00000   0.162128    0.880841     0.189616
 6.52E-06  0.618962    4.801310

COMB DL-G3-1 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.286342   -0.272744    -0.242565
-0.000889   -0.579129   -3.452553
 0.25000  -0.286342   -0.254409    -0.242565
-0.000889   -0.278271   -3.264085
 0.50000  -0.286342   -0.233511    -0.242565
-0.000889   -0.010003   -3.255426
 0.75000  -0.286342   -0.214318    -0.242565
-0.000889   -0.245582   -3.170784
 1.00000  -0.286342   -0.206278    -0.242565
-0.000889   -0.479778   -3.113579

COMB DL-G3-2 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.319180   13.034467     0.261853
 6.28E-05  0.627476   22.325674
 0.25000   0.319180   25.263943     0.261853
 6.28E-05  0.318269   58.675374
 0.50000   0.319180   54.309779     0.261853
 6.28E-05  0.078501   78.908246
 0.75000   0.319180   85.907388     0.261853
 6.28E-05  0.502557   56.524262
 1.00000   0.319180  113.629310     0.261853
 6.28E-05  0.942484   18.372144

COMB DL-G3-2 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.360890 -112.607976    -0.368130
-0.001048   -0.895196   -70.852000
 0.25000  -0.360253   -84.884700    -0.368130
-0.001048   -0.443020   -28.910690
 0.50000  -0.360253   -53.287852    -0.368130
-0.001048   -0.044489   -28.717635
 0.75000  -0.360253   -24.268087    -0.368130
-0.001048   -0.360890   -28.709110
 1.00000  -0.360253   -12.110593    -0.368130
-0.001048   -0.680721   -70.807992
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4865

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.321737   10.150000     0.266709
 0.000340  0.646224   23.278486
 0.25000   0.321737   18.965413     0.266709
 0.000340  0.327390   48.785844
 0.50000   0.321737   39.902621     0.266709
 0.000340  0.077691   62.730409
 0.75000   0.321737   62.679230     0.266709
 0.000340  0.531734   46.025286
 1.00000   0.321737   82.662116     0.266709
 0.000340  1.007213   18.027991

COMB DL-G3-3 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.366306   -81.375027    -0.393923
-0.001055   -0.952907   -54.701643
 0.25000  -0.366306   -61.391166    -0.393923
-0.001055   -0.469188   -24.319491
 0.50000  -0.366306   -38.615105    -0.393923
-0.001055   -0.041940   -24.056687
 0.75000  -0.366306   -17.696690    -0.393923
-0.001055   -0.357714   -23.930530
 1.00000  -0.366306    -8.933163    -0.393923
-0.001055   -0.684008   -54.154843

COMB DL-G3-4 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.432441    8.729505     0.264705
 0.000630  0.648882   22.540124
 0.25000   0.432441   16.045352     0.264705
 0.000630  0.331142   43.389748
 0.50000   0.432441   33.420986     0.264705
 0.000630  0.074042   54.656111
 0.75000   0.432441   52.323127     0.264705
 0.000630  0.527925   40.528389
 1.00000   0.432441   68.906777     0.264705
 0.000630  1.012259   17.043767

COMB DL-G3-4 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.484077   -67.639414    -0.399511
-0.000879   -0.973297   -47.606593
 0.25000  -0.484077   -51.054955    -0.399511
-0.000879   -0.481937   -22.319089
 0.50000  -0.484077   -32.153269    -0.399511
-0.000879   -0.040420   -22.034493
 0.75000  -0.484077   -14.733214    -0.399511
-0.000879   -0.344622   -21.857351
 1.00000  -0.484077    -7.520444    -0.399511
-0.000879   -0.668548   -46.867815

COMB     DB ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.372423   11.378244     0.176018
 0.001179  0.437525   23.092643
 0.25000   0.372423   32.489325     0.176018
 0.001179  0.220087   76.298964
 0.50000   0.372423   60.244398     0.176018
 0.001179  0.072096   96.646181
 0.75000   0.372423   86.243174     0.176018
 0.001179  0.377222   74.060112
 1.00000   0.372423  113.554711     0.176018
 0.001179  0.713936   19.596193

COMB     DB ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.336936 -112.371188    -0.278798
-0.001164   -0.682825   -77.027443
 0.25000  -0.336936   -85.125183    -0.278798
-0.001164   -0.340118   -29.701780
 0.50000  -0.336936   -59.117033    -0.278798
-0.001164   -0.049426   -29.427502
 0.75000  -0.336936   -31.367583    -0.278798
-0.001164   -0.221228   -30.067602
 1.00000  -0.336936   -10.351342    -0.278798
-0.001164   -0.433058   -77.954940
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4866

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.600657   13.034467     0.266709
 0.001058  0.648882   23.278486
 0.25000   0.600657   25.263943     0.266709
 0.001058  0.331142   58.675374
 0.50000   0.600657   54.309779     0.266709
 0.001058  0.078501   78.908246
 0.75000   0.600657   85.907388     0.266709
 0.001058  0.531734   56.524262
 1.00000   0.600657  113.629310     0.266709
 0.001058  1.012259   18.372144

COMB     DL ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.484077 -112.607976    -0.399511
-0.001055   -0.973297   -70.852000
 0.25000  -0.484077   -84.884700    -0.399511
-0.001055   -0.481937   -28.910690
 0.50000  -0.484077   -53.287852    -0.399511
-0.001055   -0.044489   -28.717635
 0.75000  -0.484077   -24.268087    -0.399511
-0.001055   -0.360890   -28.709110
 1.00000  -0.484077   -12.110593    -0.399511
-0.001055   -0.684008   -70.807992

COMB     CAR ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.600657   13.034467     0.266709
 0.001179  0.648882   23.278486
 0.25000   0.600657   32.489325     0.266709
 0.001179  0.331142   76.298964
 0.50000   0.600657   60.244398     0.266709
 0.001179  0.078501   96.646181
 0.75000   0.600657   86.243174     0.266709
 0.001179  0.531734   74.060112
 1.00000   0.600657  113.629310     0.266709
 0.001179  1.012259   19.596193

COMB     CAR ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.484077 -112.607976    -0.399511
-0.001164   -0.973297   -77.027443
 0.25000  -0.484077   -85.125183    -0.399511
-0.001164   -0.481937   -29.701780
 0.50000  -0.484077   -59.117033    -0.399511
-0.001164   -0.049426   -29.427502
 0.75000  -0.484077   -31.367583    -0.399511
-0.001164   -0.360890   -30.067602
 1.00000  -0.484077   -12.110593    -0.399511
-0.001164   -0.684008   -77.954940

COMB  DESIGN ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.600657   13.034467     0.266709
 0.001179  0.648882   23.278486
 0.25000   0.600657   32.489325     0.266709
 0.001179  0.331142   76.298964
 0.50000   0.600657   60.244398     0.266709
 0.001179  0.078501   96.646181
 0.75000   0.600657   86.243174     0.266709
 0.001179  0.531734   74.060112
 1.00000   0.600657  113.629310     0.266709
 0.001179  1.012259   19.596193

COMB  DESIGN ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.484077 -112.607976    -0.399511
-0.001164   -0.973297   -77.027443
 0.25000  -0.484077   -85.125183    -0.399511
-0.001164   -0.481937   -29.701780
 0.50000  -0.484077   -59.117033    -0.399511
-0.001164   -0.049426   -29.427502
 0.75000  -0.484077   -31.367583    -0.399511
-0.001164   -0.360890   -30.067602
 1.00000  -0.484077   -12.110593    -0.399511
-0.001164   -0.684008   -77.954940
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4867

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      475 ================== LENGTH
=     4.942569

COMB DB-G1-1 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.188721    0.252705     0.034258
 0.000654  0.088660    1.758969
 0.25000   0.188721    0.276152     0.034258
 0.000654  0.046546    1.556833
 0.50000   0.188721    0.307608     0.034258
 0.000654  0.004463    1.332770
 0.75000   0.188721    0.337028     0.034258
 0.000654  0.078673    1.078262
 1.00000   0.188721    0.368186     0.034258
 0.000654  0.142939    0.877704

COMB DB-G1-1 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.198476   -0.206554    -0.060614
-4.52E-07   -0.156676   -1.948772
 0.25000  -0.198476   -0.175777    -0.060614
-4.52E-07   -0.081768   -1.914578
 0.50000  -0.198476   -0.146306    -0.060614
-4.52E-07   -0.006988   -1.934182
 0.75000  -0.198476   -0.114914    -0.060614
-4.52E-07   -0.038143   -1.954553
 1.00000  -0.198476   -0.091244    -0.060614
-4.52E-07   -0.080469   -2.029904

COMB DB-G1-2 ------------------ MAX

REL DIST            P           V2           V3
        T          M2           M3
 0.00000   0.294629    0.905247     0.056459
 0.001183  0.148516    4.323194
 0.25000   0.294629    1.575753     0.056459
 0.001183  0.078795    5.375508
 0.50000   0.294629    2.456516     0.056459
 0.001183  0.011479    5.471134
 0.75000   0.294629    3.280291     0.056459
 0.001183  0.122758    4.298867
 1.00000   0.294629    4.152715     0.056459
 0.001183  0.254637    2.492967

COMB DB-G1-2 ------------------ MIN

REL DIST            P           V2           V3
        T          M2           M3
 0.00000  -0.284193   -3.714755    -0.107151
-1.90E-06   -0.275746   -5.810958
 0.25000  -0.284193   -2.852996    -0.107151
-1.90E-06   -0.143361   -4.347472
 0.50000  -0.284193   -2.027794    -0.107151
-1.90E-06   -0.013445   -4.420246
 0.75000  -0.284193   -1.148827    -0.107151
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-1.90E-06   -0.061120   -4.483904
 1.00000    -0.284193   -0.486069   -0.107151
-1.90E-06   -0.130583   -6.067176

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.291370    1.080565    0.070294
0.001381   0.180496    7.369687
0.25000    0.291370    1.102117    0.070294
0.001381   0.008635    5.328905
0.50000    0.291370    1.130428    0.070294
0.001381   0.018419    5.448989
0.75000    0.291370    1.156906    0.070294
0.001381   0.191926    4.824116
1.00000    0.291370    1.184948    0.070294
0.001381   0.389557    4.440832

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.247870   -0.387005   -0.160022
-4.07E-07  -0.401442   -5.009811
0.25000   -0.247870   -0.359305   -0.160022
-4.07E-07  -0.203839   -5.114209
0.50000   -0.247870   -0.332781   -0.160022
-4.07E-07  -0.017140   -5.267582
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4868

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.75000   -0.247870   -0.304528   -0.160022
-4.07E-07  -0.079965   -5.421539
1.00000   -0.247870   -0.283226   -0.160022
-4.07E-07  -0.166835   -5.624973

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.315770    7.189752    0.124055
0.001145   0.306586   16.115507
0.25000    0.315770   19.887445    0.124055
 0.001145  0.153293   47.423099
0.50000    0.315770   36.566906    0.124055
 0.001145  0.047745   59.084670
0.75000    0.315770   52.167149    0.124055
 0.001145  0.301433   43.661236
1.00000    0.315770   68.688667    0.124055
 0.001145  0.589644   12.611869

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.304331   -67.604602   -0.239640
-0.000432  -0.608062   -49.887050
0.25000   -0.304331   -51.285052   -0.239640
-0.000432  -0.312113   -21.609423
0.50000   -0.304331   -35.657773   -0.239640
-0.000432  -0.042272   -21.368024
0.75000   -0.304331   -19.012342   -0.239640
-0.000432  -0.000594   -21.170953
1.00000   -0.304331    -6.461364   -0.239640
-0.000432  -0.306492   -50.337883

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.091621    0.469576    0.023931
0.000562   0.062244    3.093521
0.25000    0.091621    0.493523    0.023931
0.000562   0.034049    2.687868
0.50000    0.091621    0.524979    0.023931
0.000562   0.008338    2.324923
0.75000    0.091621    0.554399    0.023931
0.000562   0.067910    2.052499
1.00000    0.091621    0.585557    0.023931
0.000562   0.135825    1.882074

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.069859   -0.223037   -0.055023
-4.44E-06  -0.136245   -2.031851
0.25000   -0.069859   -0.192260   -0.055023
-4.44E-06  -0.068292   -2.052468
0.50000   -0.069859   -0.162788   -0.055023
-4.44E-06  -0.006436   -2.125956
0.75000   -0.069859   -0.131397   -0.055023
-4.44E-06  -0.027264   -2.200188
1.00000   -0.069859   -0.107727   -0.055023
-4.44E-06  -0.056832   -2.328748

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.129965    8.955252    0.060244
0.000743   0.148393   16.364225
0.25000    0.129965   26.340496    0.060244
 0.000743  0.073945   60.073098
0.50000    0.129965   49.177438    0.060244
 0.000743  0.051420   76.720310
0.75000    0.129965   70.536752    0.060244
 0.000743  0.202712   56.080489
1.00000    0.129965   93.157444    0.060244
 0.000743  0.383159   13.891568

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.081292   -92.252244   -0.154695
-3.93E-05  -0.399251   -64.459910
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4869

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.25000   -0.081292   -69.908078   -0.154695
-3.93E-05  -0.215248   -25.623676
0.50000   -0.081292   -48.511747   -0.154695
-3.93E-05  -0.043948   -25.172343
0.75000   -0.081292   -25.721398   -0.154695
-3.93E-05  -0.078540   -25.192453
1.00000   -0.081292    -8.537032   -0.154695
-3.93E-05  -0.149271   -64.594490

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.259131    8.288082    0.078304
0.001190   0.196915   16.243044
0.25000    0.259131   23.999457    0.078304
 0.001190  0.100152   55.537482
0.50000    0.259131   44.637636    0.078304
 0.001190  0.050302   70.381404
0.75000    0.259131   63.940454    0.078304
 0.001190  0.236021   51.535657
1.00000    0.259131   84.383204    0.078304
 0.001190  0.456950   13.212393

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.199753   -83.428315   -0.186638
-3.55E-05  -0.481638   -59.755354
0.25000   -0.199753   -63.235468   -0.186638
-3.55E-05  -0.251121   -24.681252
0.50000   -0.199753   -43.899197   -0.186638
-3.55E-05  -0.045038   -24.297135
0.75000   -0.199753   -23.303125   -0.186638
-3.55E-05  -0.096649   -24.339228
1.00000   -0.199753    -7.773287   -0.186638
-3.55E-05  -0.190023   -59.971517

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.297169    6.215927    0.149664
0.000996   0.367205   15.643280
0.25000    0.297169   16.524943    0.149664
 0.000996  0.182271   40.683338
0.50000    0.297169   30.066684    0.149664
 0.000996  0.045311   49.865530
0.75000    0.297169   42.732237    0.149664
 0.000996  0.341879   37.161977
1.00000    0.297169   56.145737    0.149664
 0.000996  0.669142   11.839710

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.289951   -54.953822   -0.270140
-0.000719  -0.676877   -41.722123
0.25000   -0.289951   -41.704285   -0.270140
-0.000719  -0.343356   -18.839843
0.50000   -0.289951   -29.016792   -0.270140
-0.000719  -0.103834   -18.715577
0.75000   -0.289951   -15.502697   -0.270140
-0.000719  -0.189738   -18.878996
1.00000   -0.289951    -5.312777   -0.270140
-0.000719  -0.372436   -42.390921

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.127725    0.707834    0.142371
8.70E-06   0.343257    4.830349
0.25000    0.127725    0.731781    0.142371
8.70E-06   0.167337    4.203107
0.50000    0.127725    0.763237    0.142371
8.70E-06   0.012649    3.637445
0.75000    0.127725    0.792657    0.142371
8.70E-06   0.247372    3.208510
1.00000    0.127725    0.823815    0.142371
8.70E-06   0.486080    2.905436
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4870

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.193467   -0.223172   -0.193379
-0.001108  -0.470191   -2.571066
0.25000   -0.193427   -0.192395   -0.193379
-0.001108  -0.231383   -2.666301
0.50000   -0.193427   -0.162924   -0.193379
-0.001108  -0.008938   -2.814410
0.75000   -0.193427   -0.131532   -0.193379
-0.001108  -0.184587   -2.963186
1.00000   -0.193427   -0.107862   -0.193379
-0.001108  -0.360447   -3.166207

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.197746   10.890425    0.195688
 8.90E-05  0.468758   19.664211
0.25000    0.197746   32.059234    0.195688
 8.90E-05  0.226941   72.955321
0.50000    0.197746   59.866199    0.195688
 8.90E-05  0.062163   93.260329
0.75000    0.197746   85.873959    0.195688
 8.90E-05  0.394710   68.092850
1.00000    0.197746  113.417612    0.195688
 8.90E-05  0.753910   16.619939

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.265538  -112.311828   -0.301487
-0.001341  -0.758324   -77.989937
0.25000   -0.265538   -85.104882   -0.301487
-0.001341  -0.385864   -30.730932
0.50000   -0.265538   -59.052590   -0.301487
-0.001341  -0.052621   -30.210247
0.75000   -0.265538   -31.301817   -0.301487
-0.001341  -0.261223   -30.263750
1.00000   -0.265538   -10.377603   -0.301487
-0.001341  -0.498459   -78.269950

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.214035    8.174270    0.190510
0.000495   0.459900   18.534007
0.25000    0.214035   22.700287    0.190510
 0.000495  0.224486   52.392890
0.50000    0.214035   41.781402    0.190510
 0.000495  0.055479   67.746288
0.75000    0.214035   59.627903    0.190510
 0.000495  0.412843   50.116677
1.00000    0.214035   78.528333    0.190510
 0.000495  0.797038   14.608417

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.243519   -77.179088   -0.318405
-0.001162  -0.792081   -56.183588
0.25000   -0.243519   -58.509706   -0.318405
-0.001162  -0.398812   -23.859032
0.50000   -0.243519   -40.632276   -0.318405
-0.001162  -0.045042   -23.631729
0.75000   -0.243519   -21.590092   -0.318405
-0.001162  -0.249364   -23.796334
1.00000   -0.243519    -7.231915   -0.318405
-0.001162  -0.481627   -56.870004

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.285355    7.000986    0.177484
0.000864   0.433417   16.894950
0.25000    0.285355   19.016201    0.177484
 0.000864  0.214105   46.290637
0.50000    0.285355   34.799170    0.177484
 0.000864  0.049962   57.119503
0.75000    0.285355   49.560928    0.177484
 0.000864  0.389113   42.377097
1.00000    0.285355   65.194443    0.177484
 0.000864  0.757979   12.906069
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4871

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.290588   -63.899444   -0.304746
-0.000969  -0.761059   -47.788159
0.25000   -0.290588   -48.457040   -0.304746
-0.000969  -0.384666   -21.102716
0.50000   -0.290588   -33.669700   -0.304746
-0.000969  -0.041814   -20.946068
0.75000   -0.290588   -17.918932   -0.304746
-0.000969  -0.227065   -21.115413
1.00000   -0.290588    -6.042547   -0.304746
-0.000969  -0.443774   -48.502225

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.369099    0.346752    0.049615
0.000656   0.128664    2.648663
0.25000    0.369099    0.355100    0.049615
0.000656   0.069124    2.343422
0.50000    0.369099    0.374342    0.049615
0.000656   0.006592    2.072886
0.75000    0.369099    0.395250    0.049615
0.000656   0.097919    1.873966
1.00000    0.369099    0.413525    0.049615
0.000656   0.204606    1.713224

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.250207   -0.204197   -0.085965
-2.71E-07  -0.220535    2.509868
0.25000   -0.250207   -0.185829   -0.085965
-2.71E-07  -0.114230   -2.385839
0.50000   -0.250207   -0.164903   -0.085965
-2.71E-07  -0.008720   -2.337996
0.75000   -0.250207   -0.145717   -0.085965
-2.71E-07  -0.056111   -2.406243
1.00000   -0.250207   -0.137762   -0.085965
-2.71E-07  -0.117083   -2.547127

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.481448    0.993112    0.082496
0.001173   0.213593    5.560212
0.25000    0.481448    1.235218    0.082496
0.001173   0.113193    5.558442
0.50000    0.481448    1.793235    0.082496
0.001173   0.014765    5.359163
0.75000    0.481448    2.399551    0.082496
0.001173   0.190952    4.596346
1.00000    0.481448    2.929544    0.082496
0.001173   0.393866    3.666480

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.427681   -2.422779   -0.163815
-1.29E-06  -0.415378   -5.796209
0.25000   -0.427681   -1.890094   -0.163815
-1.29E-06  -0.213339   -4.864650
0.50000   -0.427681   -1.283227   -0.163815
-1.29E-06  -0.015613   -4.834737
0.75000   -0.427681   -0.726849   -0.163815
-1.29E-06  -0.093208   -5.025475
1.00000   -0.427681   -0.496165   -0.163815
-1.29E-06  -0.194679   -6.145566

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.476455    1.374011    0.117808
0.001287   0.295106    8.732058
0.25000    0.476455    1.381524    0.117808
0.001287   0.151417    7.558551
0.50000    0.476455    1.398842    0.117808
0.001287   0.022597    6.626132
0.75000    0.476455    1.417659    0.117808
0.001287   0.293044    6.144572
1.00000    0.476455    1.434107    0.117808
0.001287   0.592468    5.915650
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4872

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.370104   -0.534249   -0.241366
-6.80E-06  -0.599031   -6.512409
0.25000   -0.370104   -0.517718   -0.241366
-6.80E-06  -0.300452   -6.382676
0.50000   -0.370104   -0.498884   -0.241366
-6.80E-06  -0.021352   -6.517754
0.75000   -0.370104   -0.481617   -0.241366
-6.80E-06  -0.142649   -6.397172
1.00000   -0.370104   -0.474458   -0.241366
-6.80E-06  -0.287925   -7.627977

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.523833    6.933347    0.200071
0.001067   0.489196   15.107036
0.25000    0.523833   12.775202    0.200071
 0.001067  0.248895   30.970757
0.50000    0.523833   26.239771    0.200071
 0.001067  0.046566   39.498835
0.75000    0.523833   40.869761    0.200071
 0.001067  0.433159   28.837050
1.00000    0.523833   53.658114    0.200071
 0.001067  0.850720   11.399440

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.404332   -52.396120   -0.344251
-0.000401  -0.854464   -37.583221
0.25000   -0.404332   -39.542803   -0.344251
-0.000401  -0.430587   -18.259874
0.50000   -0.404332   -24.899522   -0.344251
-0.000401  -0.037640   -18.277549
0.75000   -0.404332   -11.474486   -0.344251
-0.000401  -0.260179   -18.703533
1.00000   -0.404332    -5.908240   -0.344251
-0.000401  -0.504881   -39.083378

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.101456    0.585109    0.038325
0.000506   0.097525    3.434798
0.25000    0.101456    0.593457    0.038325
0.000506   0.050470    2.996385
0.50000    0.101456    0.612699    0.038325
0.000506   0.009688    2.661964
0.75000    0.101456    0.633607    0.038325
0.000506   0.111603    2.445130
1.00000    0.101456    0.651882    0.038325
0.000506   0.224322    2.297796

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.162512   -0.262404   -0.090800
-2.38E-06  -0.229803   -2.518771
0.25000   -0.162512   -0.246036   -0.090800
-2.38E-06  -0.111699   -2.470638
0.50000   -0.162512   -0.223109   -0.090800
-2.38E-06  -0.007704   -2.544066
0.75000   -0.162512   -0.203924   -0.090800
-2.38E-06  -0.045051   -2.748621
1.00000   -0.162512   -0.195969   -0.090800
-2.38E-06  -0.092404   -3.061582

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.189158    9.145781    0.107736
0.000635   0.258902   14.588743
0.25000    0.189158   18.036923    0.107736
 0.000635  0.134513   39.960117
0.50000    0.189158   38.529621    0.107736
 0.000635  0.049799   53.919244
0.75000    0.189158   60.796059    0.107736
 0.000635  0.289442   38.046840
1.00000    0.189158   80.259575    0.107736
 0.000635  0.549981   11.612883
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4873

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.150314   -79.187056   -0.221368
-3.89E-05  -0.550822   -51.106898
0.25000   -0.150314   -59.624665   -0.221368
-3.89E-05  -0.279759   -21.775566
0.50000   -0.150314   -37.338000   -0.221368
-3.89E-05  -0.036171   -21.638896
0.75000   -0.150314   -16.905469   -0.221368
-3.89E-05  -0.151898   -21.851417
1.00000   -0.150314    -8.433798   -0.221368
-3.89E-05  -0.281623   -52.276055

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.388645    8.553725    0.131915
0.001099   0.324051   15.377928
0.25000    0.388645   16.600834    0.131915
 0.001099  0.169167   38.067239
0.50000    0.388645   35.148169    0.131915
 0.001099  0.050727   50.465145
0.75000    0.388645   55.300863    0.131915
 0.001099  0.342320   35.934792
1.00000    0.388645   72.916716    0.131915
 0.001099  0.664321   11.884643

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.314569   -71.761893   -0.269988
-3.52E-05  -0.675880   -48.443266
0.25000   -0.314569   -54.056152   -0.269988
-3.52E-05  -0.344529   -21.846715
0.50000   -0.314569   -33.885551   -0.269988
-3.52E-05  -0.039267   -21.813236
0.75000   -0.314569   -15.392672   -0.269988
-3.52E-05  -0.175888   -22.063565
1.00000   -0.314569    -7.725212   -0.269988
-3.52E-05  -0.335683   -49.690610

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.434846    6.159838    0.238064
0.000921   0.579425   14.867392
0.25000    0.434846   11.012398    0.238064
 0.000921  0.290599   27.705193
0.50000    0.434846   22.196793    0.238064
 0.000921  0.045259   34.549592
0.75000    0.434846   34.349250    0.238064
 0.000921  0.494993   25.558419
1.00000    0.434846   44.971944    0.238064
 0.000921  0.971513   11.028989

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.393736   -43.612263   -0.390893
-0.000678  -0.963004   -32.794532
0.25000   -0.393736   -32.935606   -0.390893
-0.000678  -0.480904   -16.786176
0.50000   -0.393736   -20.772110   -0.390893
-0.000678  -0.035862   -17.036383
0.75000   -0.393736    -9.652552   -0.390893
-0.000678  -0.309916   -17.575322
1.00000   -0.393736    -4.996929   -0.390893
-0.000678  -0.601897   -34.732427

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.163106    0.862430    0.213687
7.14E-06   0.516540    4.871901
0.25000    0.163106    0.870778    0.213687
7.14E-06   0.252639    4.193430
0.50000    0.163106    0.890020    0.213687
7.14E-06   0.013806    3.718125
0.75000    0.163106    0.910928    0.213687
7.14E-06   0.353894    3.399112
1.00000    0.163106    0.929203    0.213687
7.14E-06   0.697087    3.200025
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                MOVING          LOAD                >
                                  4874

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.241324   -0.265593   -0.277440
-0.001109  -0.673634   -31.130770
0.25000   -0.241324   -0.247225   -0.277440
-0.001109  -0.330189   -3.203669
0.50000   -0.241324   -0.226299   -0.277440
-0.001109  -0.011076   -3.493365
0.75000   -0.241324   -0.207113   -0.277440
-0.001109  -0.275887   -3.694303
1.00000   -0.241324    -0.199158   -0.277440
-0.001109  -0.539747   -4.425570

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.307640   12.693479    0.304467
 6.76E-05  0.729835   18.467038
0.25000    0.307640   25.316395    0.304467
 6.76E-05  0.365143   54.738920
0.50000    0.307640   54.410255    0.304467
 6.76E-05  0.065314   74.782308
0.75000    0.307640   86.022324    0.304467
 6.76E-05  0.553256   52.343321
1.00000    0.307640  113.655034    0.304467
 6.76E-05  1.056504   14.828662

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -0.306129  -112.286473   -0.422814
-0.001282  -1.043398   -70.871879
0.25000   -0.306129   -84.513388   -0.422814
-0.001282  -0.524692   -29.321955
0.50000   -0.306129   -52.872603   -0.422814
-0.001282  -0.047129   -29.252071
0.75000   -0.306129   -23.864164   -0.422814
-0.001282  -0.413645   -29.498699
1.00000   -0.306129   -11.836777   -0.422814
-0.001282  -0.785237   -72.553835

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    0.302197    9.931919    0.301973
0.000385   0.726642   18.126025
0.25000    0.302197   19.030938    0.301973
 0.000385  0.361969   43.623854
0.50000    0.302197   40.002762    0.301973
 0.000385  0.060317   57.609179
0.75000    0.302197   62.789795    0.301973
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 0.000385    0.589936    41.150540
 1.00000     0.302197    82.708373     0.301973
 0.000385    1.138644    13.972121

COMB DL-G3-3 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.308535   -81.136001    -0.454888
-0.001119    -1.115959   -54.217500
 0.25000    -0.308535   -61.116236    -0.454888
-0.001119    -0.556125   -24.271747
 0.50000    -0.308535   -36.308503    -0.454888
-0.001119    -0.044330   -24.385184
 0.75000    -0.308535   -17.398253    -0.454888
-0.001119    -0.404835   -24.909826
 1.00000    -0.308535    -8.728512    -0.454888
-0.001119    -0.774634   -56.418991

COMB DL-G3-4 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.395078    8.544538     0.279404
 0.000773    0.677789   17.125347
 0.25000     0.395078   16.095747     0.279404
 0.000773    0.339688   38.001146
 0.50000     0.395078   33.500109     0.279404
 0.000773    0.055574   49.364535
 0.75000     0.395078   52.410900     0.279404
 0.000773    0.564750   35.569783
 1.00000     0.395078   68.941182     0.279404
 0.000773    1.138635   12.393863
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4875

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.419798   -67.434823    -0.441555
-0.000933    -1.087627   -46.908870
 0.25000    -0.419798   -50.820566    -0.441555
-0.000933    -0.543891   -22.028337
 0.50000    -0.419798   -31.892597    -0.441555
-0.000933    -0.042314   -22.115333
 0.75000    -0.419798   -14.539334    -0.441555
-0.000933    -0.367999   -22.647781
 1.00000    -0.419798    -7.344379    -0.441555
-0.000933    -0.710441   -48.915667

COMB      DB ----------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.315770   10.890425     0.195688
 0.001381    0.468758   19.664211
 0.25000     0.315770   32.059234     0.195688
 0.001381    0.226941   72.955321
 0.50000     0.315770   59.866199     0.195688
 0.001381    0.062163   93.260329
 0.75000     0.315770   85.873959     0.195688
 0.001381    0.412843   68.092850
 1.00000     0.315770  113.417612     0.195688
 0.001381    0.797038   16.619939

COMB      DB ----------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.304331  -112.311828    -0.318405
-0.001341    -0.792081   -77.989937
 0.25000    -0.304331   -85.104882    -0.318405
-0.001341    -0.398612   -30.730932
 0.50000    -0.304331   -59.052050    -0.318405
-0.001341    -0.052621   -30.210247
 0.75000    -0.304331   -31.301817    -0.318405
-0.001341    -0.261223   -30.263750
 1.00000    -0.304331  -10.377603     -0.318405
-0.001341    -0.498459   -78.269950

COMB      DL ----------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.523833   12.693479     0.304467
 0.001287    0.729835   18.467038
 0.25000     0.523833   25.316395     0.304467
 0.001287    0.365143   54.738920
 0.50000     0.523833   54.410255     0.304467
 0.001287    0.065314   74.782308
 0.75000     0.523833   86.022324     0.304467
 0.001287    0.589936   52.343321
 1.00000     0.523833  113.655034     0.304467
 0.001287    1.138644   14.828662

COMB      DL ----------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.427681  -112.286473    -0.454888
-0.001282    -1.115959   -70.871879
 0.25000    -0.427681   -84.513388    -0.454888
-0.001282    -0.556125   -29.321955
 0.50000    -0.427681   -52.872603    -0.454888
-0.001282    -0.047129   -29.252071
 0.75000    -0.427681   -23.864164    -0.454888
-0.001282    -0.413645   -29.498699
 1.00000    -0.427681   -11.836777    -0.454888
-0.001282    -0.785237   -72.553835

COMB      CAR ----------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.523833   12.693479     0.304467
 0.001381    0.729835   19.664211
 0.25000     0.523833   32.059234     0.304467
 0.001381    0.365143   72.955321
 0.50000     0.523833   59.866199     0.304467
 0.001381    0.065314   93.260329
 0.75000     0.523833   86.022324     0.304467
 0.001381    0.589936   68.092850
 1.00000     0.523833  113.655034     0.304467
 0.001381    1.138644   16.619939
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4876

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ----------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.427681  -112.311828    -0.454888
-0.001341    -1.115959   -77.989937
 0.25000    -0.427681   -85.104882    -0.454888
-0.001341    -0.556125   -30.730932
 0.50000    -0.427681   -59.052050    -0.454888
-0.001341    -0.052621   -30.210247
 0.75000    -0.427681   -31.301817    -0.454888
-0.001341    -0.413645   -30.263750
 1.00000    -0.427681   -11.836777    -0.454888
-0.001341    -0.785237   -78.269950

COMB      DESIGN ------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.523833   12.693479     0.304467
 0.001381    0.729835   19.664211
 0.25000     0.523833   32.059234     0.304467
 0.001381    0.365143   72.955321
 0.50000     0.523833   59.866199     0.304467
 0.001381    0.065314   93.260329
 0.75000     0.523833   86.022324     0.304467
 0.001381    0.589936   68.092850
 1.00000     0.523833  113.655034     0.304467
 0.001381    1.138644   16.619939

COMB      DESIGN ------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.427681  -112.311828    -0.454888
-0.001341    -1.115959   -77.989937
 0.25000    -0.427681   -85.104882    -0.454888
-0.001341    -0.556125   -30.730932
 0.50000    -0.427681   -59.052050    -0.454888
-0.001341    -0.052621   -30.210247
 0.75000    -0.427681   -31.301817    -0.454888
-0.001341    -0.413645   -30.263750
 1.00000    -0.427681   -11.836777    -0.454888
-0.001341    -0.785237   -78.269950

ELEM      476 ================= LENGTH
=     4.942972

COMB DB-G1-1 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.129986    0.209231     0.024746
 0.000635    0.063254    0.878596
 0.25000     0.129986    0.234049     0.024746
 0.000635    0.032667    0.910975
 0.50000     0.129986    0.266278     0.024746
 0.000635    0.002354    0.911176
 0.75000     0.129986    0.293460     0.024746
 0.000635    0.042054    0.869637
 1.00000     0.129986    0.328984     0.024746
 0.000635    0.091166    0.808331

COMB DB-G1-1 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.167380   -0.241474    -0.039754
-3.78E-07    -0.105379    -2.016689
 0.25000    -0.167380   -0.211047    -0.039754
-3.78E-07    -0.056256    -1.846560
 0.50000    -0.167380   -0.180883    -0.039754
-3.78E-07    -0.007346    -1.724805
 0.75000    -0.167380   -0.149585    -0.039754
-3.78E-07    -0.029479    -1.606521
 1.00000    -0.167380   -0.127823    -0.039754
-3.78E-07    -0.059064    -1.551380

COMB DB-G1-2 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.185053    0.820993     0.039969
 0.001175    0.102252    2.493133
 0.25000     0.185053    1.515902     0.039969
 0.001175    0.052807    3.739909
 0.50000     0.185053    2.418315     0.039969
 0.001175    0.005427    4.180521
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4877

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P           V2          V3
      T           M2          M3
 0.75000     0.185053    3.179405     0.039969
 0.001175    0.083765    3.336035
 1.00000     0.185053    4.174083     0.039969
 0.001175    0.178651    1.902767

COMB DB-G1-2 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.245720   -3.692975    -0.077207
-3.78E-07    -0.202931    -6.047541
 0.25000    -0.245720   -2.841018    -0.077207
-3.78E-07    -0.107651    -4.439671
 0.50000    -0.245720   -1.996422    -0.077207
-3.78E-07    -0.014376    -4.117696
 0.75000    -0.245720   -1.308507    -0.077207
-3.78E-07    -0.045803    -3.846031
 1.00000    -0.245720   -0.510742    -0.077207
-3.78E-07    -0.095256    -5.285124

COMB DB-G1-3 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.180247    1.179876     0.064079
 0.001442    0.153797    4.445391
 0.25000     0.180247    1.202212     0.064079
 0.001442    0.074481    3.481196
 0.50000     0.180247    1.231218     0.064079
 0.001442    0.007791    2.768053
 0.75000     0.180247    1.255682     0.064079
 0.001442    0.147941    2.253738
 1.00000     0.180247    1.287654     0.064079
 0.001442    0.310851    2.052803

COMB DB-G1-3 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.214976   -0.309807    -0.131809
-3.40E-07    -0.340629    -5.614702
 0.25000    -0.214976   -0.282423    -0.131809
-3.40E-07    -0.177802    -5.482823
 0.50000    -0.214976   -0.255275    -0.131809
-3.40E-07    -0.017823    -5.395493
 0.75000    -0.214976   -0.227107    -0.131809
-3.40E-07    -0.083686    -5.311653
 1.00000    -0.214976   -0.207521    -0.131809
-3.40E-07    -0.162968    -5.285284

COMB DB-G1-4 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.223557    5.147110     0.128340
 0.001195    0.309441   12.637102
 0.25000     0.223557   18.306937     0.128340
 0.001195    0.150769   43.733432
 0.50000     0.223557   35.396389     0.128340
 0.001195    0.030376   54.185804
 0.75000     0.223557   49.809522     0.128340
 0.001195    0.246513   37.959922
 1.00000     0.223557   68.646245     0.128340
 0.001195    0.500348   10.994354

COMB DB-G1-4 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.241281   -67.010808    -0.214645
-0.000391    -0.560600   -50.339611
 0.25000    -0.241281   -50.876884    -0.214645
-0.000391    -0.295397   -22.348941
 0.50000    -0.241281   -34.882344    -0.214645
-0.000391    -0.038426   -18.653223
 0.75000    -0.241281   -18.286754    -0.214645
-0.000391    -0.166270   -15.874320
 1.00000    -0.241281    -6.747276    -0.214645
-0.000391    -0.324933   -45.454085

COMB DB-G2-1 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.042865    0.552802     0.019590
 0.000597    0.050133    1.880603
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4878

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST            P           V2          V3
      T           M2          M3
 0.25000     0.042865    0.577620     0.019590
 0.000597    0.025902    1.338925
 0.50000     0.042865    0.609849     0.019590
 0.000597    0.002977    0.986387
 0.75000     0.042865    0.637031     0.019590
 0.000597    0.056546    0.875885
 1.00000     0.042865    0.672555     0.019590
 0.000597    0.117834    0.821138

COMB DB-G2-1 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.061361   -0.186813    -0.049610
-4.16E-06    -0.127380    -2.326215
 0.25000    -0.061361   -0.156386    -0.049610
-4.16E-06    -0.066126    -2.283926
 0.50000    -0.061361   -0.126222    -0.049610
-4.16E-06    -0.007075    -2.287739
 0.75000    -0.061361   -0.094925    -0.049610
-4.16E-06    -0.042524    -2.294374
 1.00000    -0.061361   -0.073162    -0.049610
-4.16E-06    -0.046573    -2.363035

COMB DB-G2-2 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.076443    6.137235     0.070024
 0.000829    0.163429   13.901200
 0.25000     0.076443   24.155217     0.070024
 0.000829    0.076809   57.081062
 0.50000     0.076443   47.553505     0.070024
 0.000829    0.036359   71.849600
 0.75000     0.076443   67.287469     0.070024
 0.000829    0.167500   49.884941
 1.00000     0.076443   93.078060     0.070024
 0.000829    0.332136   13.035298

COMB DB-G2-2 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.064200   -91.445028    -0.145859
-3.78E-07    -0.388832   -64.592250
 0.25000    -0.064200   -69.355016    -0.145859
-3.78E-07    -0.208620    -26.363976
 0.50000    -0.064200   -47.455844    -0.145859
-3.78E-07    -0.038616    -21.396917
 0.75000    -0.064200   -24.733736    -0.145859
-3.78E-07    -0.096085    -17.683635
 1.00000    -0.064200    -8.934280    -0.145859
-3.78E-07    -0.182683    -58.273503

COMB DB-G2-3 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.161333    5.720826     0.077854
 0.001252    0.185166   13.215874
 0.25000     0.161333   22.004018     0.077854
 0.001252    0.088896   52.235555
 0.50000     0.161333   43.149496     0.077854
 0.001252    0.034671   65.576558
 0.75000     0.161333   60.983455     0.077854
 0.001252    0.185283   45.713454
 1.00000     0.161333   84.290901     0.077854
 0.001252    0.373316   12.415040

COMB DB-G2-3 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.173457   -82.699799    -0.163588
-3.40E-07    -0.435347    -59.959494
 0.25000    -0.173457   -62.736636    -0.163588
-3.40E-07    -0.233236    -25.341190
 0.50000    -0.173457   -42.945937    -0.163588
-3.40E-07    -0.040732    -20.781628
 0.75000    -0.173457   -22.411536    -0.163588
-3.40E-07    -0.103375    -17.355691
 1.00000    -0.173457    -8.133668    -0.163588
-3.40E-07    -0.199629    -53.968103
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4879

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.219729    4.617521     0.158342
 0.001049    0.381896   11.871873
 0.25000     0.219729   15.301737     0.158342
 0.001049    0.186156   36.647807
 0.50000     0.219729   29.176342     0.158342
 0.001049    0.026147   44.784361
 0.75000     0.219729   40.878093     0.158342
 0.001049    0.292786   31.365352
 1.00000     0.219729   56.171274     0.158342
 0.001049    0.594160    9.330067

COMB DB-G2-4 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.221442   -54.404996    -0.251460
-0.000681    -0.648989   -42.408211
 0.25000    -0.221442   -41.306166    -0.251460
-0.000681    -0.338317    -19.132205
 0.50000    -0.221442   -28.320500    -0.251460
-0.000681    -0.035222    -16.779449
 0.75000    -0.221442   -14.846853    -0.251460
-0.000681    -0.205060    -14.570724
 1.00000    -0.221442    -5.478168    -0.251460
-0.000681    -0.400778   -38.633578

COMB DB-G3-1 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.134127    0.775364     0.155657
 1.13E-05    0.379706    2.953888
 0.25000     0.134127    0.800182     0.155657
 1.13E-05    0.187353    2.219410
 0.50000     0.134127    0.832411     0.155657
 1.13E-05    0.002379    1.536847
 0.75000     0.134127    0.859593     0.155657
 1.13E-05    0.233781    1.046999
 1.00000     0.134127    0.895117     0.155657
 1.13E-05    0.473980    1.006292

COMB DB-G3-1 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.115321   -0.206413    -0.194466
-0.001113    -0.487263    -3.208348
 0.25000    -0.115321   -0.175616    -0.194466
-0.001113    -0.247099    -3.221192
 0.50000    -0.115321   -0.145452    -0.194466
-0.001113    -0.008603    -3.279856
 0.75000    -0.115321   -0.114155    -0.194466
-0.001113    -0.197424    -3.340259
 1.00000    -0.115321   -0.092392    -0.194466
-0.001113    -0.389754    -3.461686

COMB DB-G3-2 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.199851    7.388872     0.220894
 0.000122    0.535850   16.683817
 0.25000     0.199851   29.328122     0.220894
 0.000122    0.262878   69.437709
 0.50000     0.199851   57.818599     0.220894
 0.000122    0.041220   87.412322
 0.75000     0.199851   81.847283     0.220894
 0.000122    0.355155   60.660764
 1.00000     0.199851  113.250702     0.220894
 0.000122    0.705937   15.869847

COMB DB-G3-2 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.161577  -111.403121    -0.299298
-0.001236    -0.773595   -78.312777
 0.25000    -0.161577   -84.505641    -0.299298
-0.001236    -0.403913   -31.807079
 0.50000    -0.161577   -57.840533    -0.299298
-0.001236    -0.045083   -25.799861
 0.75000    -0.161577   -30.173393    -0.299298
-0.001236    -0.283107   -21.318564
 1.00000    -0.161577   -10.935488    -0.299298
-0.001236    -0.556033   -70.780233
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4880

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.189129    5.883037     0.214814
 0.000571    0.516420   14.666764
 0.25000     0.189129   20.937731     0.214814
 0.000571    0.250926   49.990987
 0.50000     0.189129   40.487871     0.214814
 0.000571    0.032563   61.565045
 0.75000     0.189129   56.976332     0.214814
 0.000571    0.371882   42.647778
 1.00000     0.189129   78.525329     0.214814
 0.000571    0.747265   11.769307

COMB DB-G3-3 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.152424   -76.471013    -0.314363
-0.001126    -0.806747    -56.913368
 0.25000    -0.152424   -58.013986    -0.314363
-0.001126    -0.418400    -25.046615
 0.50000    -0.152424   -39.716413    -0.314363
-0.001126    -0.039906    -20.970760
 0.75000    -0.152424   -20.731247    -0.314363
-0.001126    -0.279954    -17.042330
 1.00000    -0.152424    -7.530214    -0.314363
-0.001126    -0.545380   -51.930401

COMB DB-G3-4 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.220996    5.126658     0.191134
 0.000924    0.461671   12.951682
 0.25000     0.220996   17.579168     0.191134
 0.000924    0.225434   41.966906
 0.50000     0.220996   33.750092     0.191134
 0.000924    0.028488   51.509676
 0.75000     0.220996   47.388545     0.191134
 0.000924    0.341727   35.858731
 1.00000     0.220996   65.212827     0.191134
 0.000924    0.690504   10.295489

COMB DB-G3-4 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.209431   -63.294586    -0.291035
-0.000938    -0.748237   -48.531143
 0.25000    -0.209431   -48.027832    -0.291035
-0.000938    -0.388725    -22.137236
 0.50000    -0.209431   -32.892270    -0.291035
-0.000938    -0.038137    -18.730934
 0.75000    -0.209431   -17.189364    -0.291035
-0.000938    -0.246766    -16.191172
 1.00000    -0.209431    -6.270112    -0.291035
-0.000938    -0.483010    -44.270083

COMB DL-G1-1 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.295679    0.271950     0.037884
 0.000645    0.097007    1.704787
 0.25000     0.295679    0.283103     0.037884
 0.000645    0.049964    1.642629
 0.50000     0.295679    0.302831     0.037884
 0.000645    0.004855    1.593924
 0.75000     0.295679    0.323785     0.037884
 0.000645    0.065218    1.556340
 1.00000     0.295679    0.341182     0.037884
 0.000645    0.140541    1.545116

COMB DL-G1-1 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.207489   -0.276528    -0.060623
-2.30E-07    -0.158131    -2.528110
 0.25000    -0.207489   -0.257699    -0.060623
-2.30E-07    -0.082599    -2.453457
 0.50000    -0.207489   -0.236426    -0.060623
-2.30E-07    -0.010518    -2.439181
 0.75000    -0.207489   -0.217383    -0.060623
-2.30E-07    -0.043635    -2.464731
 1.00000    -0.207489   -0.210579    -0.060623
-2.30E-07    -0.090643    -2.562490
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          4881

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.349605    0.870887     0.062057
 0.001180    0.158020    3.653207
 0.25000     0.349605    1.194319     0.062057
 0.001180    0.081397    3.993300
 0.50000     0.349605    1.766450     0.062057
 0.001180    0.009435    4.094851
 0.75000     0.349605    2.374103     0.062057
 0.001180    0.138421    3.582552
 1.00000     0.349605    2.878623     0.062057
 0.001180    0.294406    2.988703

COMB DL-G1-2 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.382794   -2.431400    -0.126101
-2.30E-07    -0.327160    -6.110244
 0.25000    -0.382794   -1.885356    -0.126101
-2.30E-07    -0.116919    -5.437594
 0.50000    -0.382794   -1.268429    -0.126101
-2.30E-07    -0.020938    -5.535008
 0.75000    -0.382794   -0.716183    -0.126101
-2.30E-07    -0.072238    -5.789944
 1.00000    -0.382794   -0.518881    -0.126101
-2.30E-07    -0.149169    -7.114980

COMB DL-G1-3 ------------------- MAX

REL DIST            P           V2          V3
      T           M2          M3
 0.00000     0.334754    1.398185     0.113127
 0.001355    0.277606    5.906132
 0.25000     0.334754    1.408223     0.113127
 0.001355    0.137790    5.125351
 0.50000     0.334754    1.425978     0.113127
 0.001355    0.013891    4.543198
 0.75000     0.334754    1.444837     0.113127
 0.001355    0.238733    4.307687
 1.00000     0.334754    1.460494     0.113127
 0.001355    0.499305    4.326140

COMB DL-G1-3 ------------------- MIN

REL DIST            P           V2          V3
      T           M2          M3
 0.00000    -0.328054   -0.419164    -0.209993
-6.63E-06    -0.536281    -7.586371
 0.25000    -0.328054   -0.402218    -0.209993
-6.63E-06    -0.275179    -7.983779
```

0.50000 -0.328054 -0.383072 -0.209993
-6.63E-06 -0.029601 -8.565944
0.75000 -0.328054 -0.365933 -0.209993
-6.63E-06 -0.141746 -9.331665
1.00000 -0.328054 -0.359810 -0.209993
-6.63E-06 -0.281753 -10.352891

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401806	4.868509	0.207331
0.001124	0.507749	11.406449	
0.25000	0.401806	12.672705	0.207331
0.001124	0.256216	28.074325	
0.50000	0.401806	26.477822	0.207331
0.001124	0.032914	36.136412	
0.75000	0.401806	41.140084	0.207331
0.001124	0.374981	25.020499	
1.00000	0.401806	53.313799	0.207331
0.001124	0.762855	10.053098	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.332339	-52.106145	-0.319924
-0.000380	-0.817435	-39.049350	
0.25000	-0.332339	-38.930477	-0.319924
-0.000380	-0.421434	-20.609789	
0.50000	-0.332339	-24.044468	-0.319924
-0.000380	-0.046025	-16.769192	
0.75000	-0.332339	-10.719141	-0.319924
-0.000380	-0.263720	-17.584805	
1.00000	-0.332339	-5.958379	-0.319924
-0.000380	-0.518775	-39.014455	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4882

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044294	0.649267	0.034523
0.000558	0.085068	2.297477	
0.25000	0.044294	0.680420	0.034523
0.000558	0.042405	1.934305	
0.50000	0.044294	0.680148	0.034523
0.000558	0.005270	1.675566	
0.75000	0.044294	0.701102	0.034523
0.000558	0.095288	1.543965	
1.00000	0.044294	0.718499	0.034523
0.000558	0.199032	1.533052	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.163506	-0.176621	-0.083422
-2.30E-06	-0.212611	-3.044473	
0.25000	-0.163506	-0.157792	-0.083422
-2.30E-06	-0.108938	-3.277376	
0.50000	-0.163506	-0.136519	-0.083422
-2.30E-06	-0.011943	-3.599824	
0.75000	-0.163506	-0.117476	-0.083422
-2.30E-06	-0.115636	-4.035177	
1.00000	-0.163506	-0.110672	-0.083422
-2.30E-06	-0.085571	-4.604994	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115536	6.033291	0.122180
0.000721	0.294834	11.617216	
0.25000	0.115536	17.911059	0.122180
0.000721	0.151072	37.765281	
0.50000	0.115536	38.922063	0.122180
0.000721	0.037943	50.614014	
0.75000	0.115536	61.237617	0.122180
0.000721	0.257221	33.749267	
1.00000	0.115536	79.765672	0.122180
0.000721	0.512454	10.745812	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136394	-78.766829	-0.216706
-2.30E-07	-0.559212	-52.248347	
0.25000	-0.136394	-58.713830	-0.216706
-2.30E-07	-0.291926	-23.847699	
0.50000	-0.136394	-36.057739	-0.216706
-2.30E-07	-0.042682	-20.544147	
0.75000	-0.136394	-15.776962	-0.216706
-2.30E-07	-0.162444	-18.109113	
1.00000	-0.136394	-8.531216	-0.216706
-2.30E-07	-0.311346	-49.875259	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.261754	5.705608	0.134727
0.001151	0.329189	11.881510	
0.25000	0.261754	16.455825	0.134727
0.001151	0.136944	35.432250	
0.50000	0.261754	35.472263	0.134727
0.001151	0.038027	47.003087	
0.75000	0.261754	55.669410	0.134727
0.001151	0.287476	31.695714	
1.00000	0.261754	72.438605	0.134727
0.001151	0.582062	10.871566	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.282792	-71.405565	-0.247095
-2.07E-07	-0.629326	-49.647270	
0.25000	-0.282792	-53.256189	-0.247095
-2.07E-07	-0.333854	-23.913127	
0.50000	-0.282792	-32.750831	-0.247095
-2.07E-07	-0.047167	-20.922370	
0.75000	-0.282792	-14.395299	-0.247095
-2.07E-07	-0.174149	-18.747089	
1.00000	-0.282792	-7.807499	-0.247095
-2.07E-07	-0.338677	-47.563145	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4883

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.329920	4.492619	0.251435
0.000965	0.614523	11.048671	
0.25000	0.329920	10.975203	0.251435
0.000965	0.307904	24.591963	
0.50000	0.329920	22.442477	0.251435
0.000965	0.030008	31.074404	
0.75000	0.329920	34.621740	0.251435
0.000965	0.442588	21.721099	
1.00000	0.329920	44.733883	0.251435
0.000965	0.899927	9.277088	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.317705	-43.283598	-0.374773
-0.000680	-0.951480	-34.704458	
0.25000	-0.317705	-32.339179	-0.374773
-0.000680	-0.487741	-19.594965	
0.50000	-0.317705	-19.974059	-0.374773
-0.000680	-0.044955	-18.319528	
0.75000	-0.317705	-8.905325	-0.374773
-0.000680	-0.319936	-17.633977	
1.00000	-0.317705	-4.950781	-0.374773
-0.000680	-0.629489	-35.800608	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165352	0.898914	0.229602
9.13E-06	0.562643	3.237259	
0.25000	0.165352	0.910067	0.229602
9.13E-06	0.279115	2.743944	
0.50000	0.165352	0.929796	0.229602
9.13E-06	0.005115	2.359622	
0.75000	0.165352	0.950749	0.229602
9.13E-06	0.339929	2.125834	
1.00000	0.165352	0.968147	0.229602
9.13E-06	0.689059	2.033942	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.156593	-0.185283	-0.281976
-0.001157	-0.703736	-4.439528	
0.25000	-0.156593	-0.166453	-0.281976
-0.001157	-0.354846	-4.852771	
0.50000	-0.156593	-0.145180	-0.281976
-0.001157	-0.014769	-5.385432	
0.75000	-0.156593	-0.126137	-0.281976
-0.001157	-0.288795	-6.019050	
1.00000	-0.156593	-0.119334	-0.281976
-0.001157	-0.572369	-6.805271	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298782	8.190076	0.334216
8.36E-05	0.817741	14.875382	
0.25000	0.298782	25.053161	0.334216
8.36E-05	0.414940	52.262639	
0.50000	0.298782	54.882869	0.334216
8.36E-05	0.047815	70.689765	
0.75000	0.298782	86.564668	0.334216
8.36E-05	0.518861	46.850861	
1.00000	0.298782	112.869287	0.334216
8.36E-05	1.030671	14.233193	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.193521	-111.826117	-0.428356
-0.001290	-1.088300	-72.561262	
0.25000	-0.193521	-83.356507	-0.428356
-0.001290	-0.560349	-32.142343	
0.50000	-0.193521	-51.191241	-0.428356
-0.001290	-0.051809	-27.283151	
0.75000	-0.193521	-22.398249	-0.428356
-0.001290	-0.427449	-23.561625	
1.00000	-0.193521	-12.111331	-0.428356
-0.001290	-0.837501	-68.306807	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4884

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.256589	6.758136	0.334297
0.000455	0.814466	14.013922	
0.25000	0.256589	18.911611	0.334297
0.000455	0.408617	40.446003	
0.50000	0.256589	40.415857	0.334297
0.000455	0.041573	53.333008	
0.75000	0.256589	63.253154	0.334297
0.000455	0.552197	35.889752	
1.00000	0.256589	82.214401	0.334297
0.000455	1.107497	12.270333	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.211569	-80.661066	-0.459270
-0.001172	-1.162557	-56.412206	
0.25000	-0.211569	-60.139222	-0.459270
-0.001172	-0.595487	-27.667184	
0.50000	-0.211569	-36.953425	-0.459270
-0.001172	-0.052595	-24.671072	
0.75000	-0.211569	-16.198478	-0.459270
-0.001172	-0.429486	-22.603394	
1.00000	-0.211569	-8.783324	-0.459270
-0.001172	-0.840529	-55.591161	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.304798	5.916235	0.297662
0.000830	0.727626	12.965624	
0.25000	0.304798	16.003974	0.297662
0.000830	0.366018	34.714239	
0.50000	0.304798	33.848531	0.297662
0.000830	0.037677	45.299156	
0.75000	0.304798	52.801036	0.297662
0.000830	0.513756	30.798369	
1.00000	0.304798	68.536835	0.297662
0.000830	1.037335	11.224504	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331262	-67.022607	-0.431724
-0.000977	-1.095998	-48.895855	
0.25000	-0.331262	-49.991679	-0.431724
-0.000977	-0.562402	-25.069697	
0.50000	-0.331262	-30.749557	-0.431724
-0.000977	-0.051534	-22.672242	
0.75000	-0.331262	-13.525579	-0.431724
-0.000977	-0.379552	-21.105542	
1.00000	-0.331262	-7.371797	-0.431724
-0.000977	-0.745694	-48.696138	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.223557	7.388872	0.220894
0.001442	0.535850	16.683817	
0.25000	0.223557	29.328122	0.220894
0.001442	0.263278	69.437709	
0.50000	0.223557	57.818599	0.220894
0.001442	0.041220	87.412432	
0.75000	0.223557	81.847283	0.220894
0.001442	0.371882	60.660764	
1.00000	0.223557	113.250702	0.220894
0.001442	0.747265	15.869847	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.245720	-111.403121	-0.314363
-0.001236	-0.806747	-78.312777	
0.25000	-0.245720	-84.505641	-0.314363
-0.001236	-0.418400	-31.807079	
0.50000	-0.245720	-57.840533	-0.314363
-0.001236	-0.045083	-25.799861	
0.75000	-0.245720	-30.173393	-0.314363
-0.001236	-0.283107	-21.318564	
1.00000	-0.245720	-10.935498	-0.314363
-0.001236	-0.556033	-70.780233	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4885

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401806	8.190076	0.334297
0.001355	0.817741	14.875382	
0.25000	0.401806	25.053161	0.334297
0.001355	0.414940	52.262639	
0.50000	0.401806	54.882869	0.334297
0.001355	0.047815	70.689765	
0.75000	0.401806	86.564668	0.334297
0.001355	0.552197	46.850861	
1.00000	0.401806	112.869287	0.334297
0.001355	1.107497	14.233193	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382794	-111.826117	-0.459270
-0.001290	-1.162557	-72.561262	
0.25000	-0.382794	-83.356507	-0.459270
-0.001290	-0.595487	-32.142343	
0.50000	-0.382794	-51.191241	-0.459270
-0.001290	-0.052595	-27.283151	
0.75000	-0.382794	-22.398249	-0.459270
-0.001290	-0.429486	-23.561625	
1.00000	-0.382794	-12.111331	-0.459270
-0.001290	-0.840529	-68.306807	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401806	8.190076	0.334297
0.001442	0.817741	16.683817	
0.25000	0.401806	29.328122	0.334297
0.001442	0.439440	69.437709	
0.50000	0.401806	57.818599	0.334297
0.001442	0.047815	87.412432	
0.75000	0.401806	86.564668	0.334297
0.001442	0.552197	60.660764	
1.00000	0.401806	113.250702	0.334297
0.001442	1.107497	15.869847	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382794	-111.826117	-0.459270
-0.001290	-1.162557	-78.312777	
0.25000	-0.382794	-84.505641	-0.459270
-0.001290	-0.595487	-32.142343	
0.50000	-0.382794	-57.840533	-0.459270
-0.001290	-0.052595	-27.283151	
0.75000	-0.382794	-30.173393	-0.459270
-0.001290	-0.429486	-23.561625	
1.00000	-0.382794	-12.111331	-0.459270
-0.001290	-0.840529	-70.780233	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.401806	8.190076	0.334297
0.001442	0.817741	16.683817	
0.25000	0.401806	29.328122	0.334297
0.001442	0.414940	69.437709	
0.50000	0.401806	57.818599	0.334297
0.001442	0.047815	87.412432	
0.75000	0.401806	86.564668	0.334297
0.001442	0.552197	60.660764	
1.00000	0.401806	113.250702	0.334297
0.001442	1.107497	15.869847	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.382794	-111.826117	-0.459270
-0.001290	-1.162557	-78.312777	
0.25000	-0.382794	-84.505641	-0.459270
-0.001290	-0.595487	-32.142343	
0.50000	-0.382794	-57.840533	-0.459270
-0.001290	-0.052595	-27.283151	
0.75000	-0.382794	-30.173393	-0.459270
-0.001290	-0.429486	-23.561625	
1.00000	-0.382794	-12.111331	-0.459270
-0.001290	-0.840529	-70.780233	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4886

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 477 ========== LENGTH = 3.460020

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075624	0.237754	0.044889
0.000565	0.077709	0.811942	
0.25000	0.075624	0.263148	0.044889
0.000565	0.038933	0.838588	
0.50000	0.075624	0.290408	0.044889
0.000565	0.002193	0.837083	
0.75000	0.075624	0.318644	0.044889
0.000565	0.040364	0.804644	
1.00000	0.075624	0.338784	0.044889
0.000565	0.084564	0.757506	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103565	-0.212018	-0.051082
-0.000380	-0.092314	-1.546046	
0.25000	-0.103565	-0.192856	-0.051082
-0.000380	-0.048122	-1.451041	
0.50000	-0.103565	-0.167480	-0.051082
-0.000380	-0.004693	-1.387464	
0.75000	-0.103565	-0.137256	-0.051082
-0.000380	-0.038838	-1.325181	
1.00000	-0.103565	-0.114961	-0.051082
-0.000380	-0.077698	-1.295416	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079534	0.883187	0.073299
0.001013	0.126557	1.909559	
0.25000	0.079534	1.594210	0.073299
0.001013	0.083178	3.393332	
0.50000	0.079534	2.357493	0.073299
0.001013	0.005025	3.451758	
0.75000	0.079534	3.148091	0.073299
0.001013	0.079787	2.940239	
1.00000	0.079534	3.712013	0.073299
0.001013	0.168662	1.917399	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.200261	-3.771301	-0.102994
-0.000615	-0.186152	-5.278504	
0.25000	-0.200261	-3.233782	-0.102994
-0.000615	-0.099084	-4.101686	
0.50000	-0.200261	-2.524254	-0.102994
-0.000615	-0.011366	-3.793145	
0.75000	-0.200261	-1.677970	-0.102994
-0.000615	-0.065968	-3.488170	
1.00000	-0.200261	-1.053703	-0.102994
-0.000615	-0.128567	-4.074279	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071181	1.020845	0.150731
0.001243	0.255310	2.064233	
0.25000	0.071181	1.043699	0.150731
0.001243	0.124922	2.064127	
0.50000	0.071181	1.068233	0.150731
0.001243	0.005658	2.037701	
0.75000	0.071181	1.093645	0.150731
0.001243	0.153928	1.983424	
1.00000	0.071181	1.111771	0.150731
0.001243	0.324142	1.946081	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194433	-0.446976	-0.196842
-0.000493	-0.356929	-5.293161	
0.25000	-0.194433	-0.429731	-0.196842
-0.000493	-0.186686	-5.126743	
0.50000	-0.194433	-0.406893	-0.196842
-0.000493	-0.017254	-4.991761	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4887

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.194433	-0.379691	-0.196842
-0.000493	-0.137321	-4.858797	
1.00000	-0.194433	-0.359625	-0.196842
-0.000493	-0.267289	-4.757320	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131230	7.642847	0.287302
0.001233	0.490200	10.998572	
0.25000	0.131230	21.107847	0.287302
0.001233	0.241748	33.610811	
0.50000	0.131230	35.562522	0.287302
0.001233	0.026866	40.861840	
0.75000	0.131230	50.534463	0.287302
0.001233	0.271363	31.660705	
1.00000	0.131230	61.213754	0.287302
0.001233	0.565705	11.463981	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.168621	-62.215494	-0.344397
-0.000736	-0.634033	-45.489365	
0.25000	-0.168621	-52.055172	-0.344397
-0.000736	-0.336150	-25.751528	
0.50000	-0.168621	-38.599536	-0.344397
-0.000736	-0.046148	-22.355943	
0.75000	-0.168621	-22.573029	-0.344397
-0.000736	-0.260807	-18.963664	
1.00000	-0.168621	-10.750986	-0.344397
-0.000736	-0.504759	-32.387836	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005174	0.472346	0.047334
0.000501	0.079534	0.825849	
0.25000	0.005174	0.497740	0.047334
0.000501	0.038594	0.849890	
0.50000	0.005174	0.525000	0.047334
0.000501	0.002228	0.849104	
0.75000	0.005174	0.553235	0.047334
0.000501	0.056943	0.814663	
1.00000	0.005174	0.573376	0.047334
0.000501	0.121183	0.807059	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088932	-0.498394	-0.074265
-0.000188	-0.135779	-2.366241	
0.25000	-0.088932	-0.479232	-0.074265
-0.000188	-0.071521	-2.247713	
0.50000	-0.088932	-0.453856	-0.074265
-0.000188	-0.007595	-2.163497	
0.75000	-0.088932	-0.423632	-0.074265
-0.000188	-0.044899	-2.081446	
1.00000	-0.088932	-0.401337	-0.074265
-0.000188	-0.085367	-2.032049	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031788	9.495925	0.175166
0.000715	0.295914	13.932869	
0.25000	0.031788	27.931738	0.175166
0.000715	0.144512	44.430375	
0.50000	0.031788	47.722581	0.175166
0.000715	0.032294	54.421795	
0.75000	0.031788	68.221646	0.175166
0.000715	0.175364	41.853578	
1.00000	0.031788	82.843362	0.175166
0.000715	0.368863	14.188959	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088850	-84.846413	-0.229259
-9.94E-05	-0.435504	-58.301496	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4888

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.088850	-70.935251	-0.229259
-9.94E-05	-0.237180	-31.345997	
0.50000	-0.088850	-52.512258	-0.229259
-9.94E-05	-0.048694	-26.763174	
0.75000	-0.088850	-30.569317	-0.229259
-9.94E-05	-0.165911	-22.181792	
1.00000	-0.088850	-14.382984	-0.229259
-9.94E-05	-0.311189	-40.612426	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.060672	8.709138	0.188008
0.001081	0.317491	12.415865	
0.25000	0.060672	25.369982	0.188008
0.001081	0.154986	40.778209	
0.50000	0.060672	43.255343	0.188008
0.001081	0.030895	49.795480	
0.75000	0.060672	61.780738	0.188008
0.001081	0.190320	38.425177	
1.00000	0.060672	74.994660	0.188008
0.001081	0.400562	13.404005	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.169886	-76.756671	-0.248071
-0.000376	-0.467832	-53.989233	
0.25000	-0.169886	-64.184890	-0.248071
-0.000376	-0.253263	-29.568633	
0.50000	-0.169886	-47.535681	-0.248071
-0.000376	-0.047991	-25.367849	
0.75000	-0.169886	-27.705428	-0.248071
-0.000376	-0.176659	-21.170132	
1.00000	-0.169886	-13.077532	-0.248071
-0.000376	-0.333748	-37.770354	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132711	6.559340	0.354630

0.001226	0.605286	9.339216	
0.25000	0.132711	17.491320	0.354630
0.001226	0.298625	27.738203	
0.50000	0.132711	29.226799	0.354630
0.001226	0.492322	33.636693	
0.75000	0.132711	41.382236	0.354630
0.001226	0.333757	26.157801	
1.00000	0.132711	50.052551	0.354630
0.001226	0.693211	9.727008	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153617	-50.564090	-0.418885
-0.000904	-0.762767	-38.682166	
0.25000	-0.153617	-42.315116	-0.418885
-0.000904	-0.400441	-22.632739	
0.50000	-0.153617	-31.390738	-0.418885
-0.000904	-0.044489	-19.852557	
0.75000	-0.153617	-18.379118	-0.418885
-0.000904	-0.319267	-17.075583	
1.00000	-0.153617	-8.781024	-0.418885
-0.000904	-0.622336	-27.958692	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.127061	0.687884	0.328679
0.000479	0.566229	1.014414	
0.25000	0.127061	0.713278	0.328679
0.000479	0.281920	1.020082	
0.50000	0.127061	0.740538	0.328679
0.000479	0.003115	1.008333	
0.75000	0.127061	0.768774	0.328679
0.000479	0.292779	0.973766	
1.00000	0.127061	0.788914	0.328679
0.000479	0.600388	0.924996	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021635	-0.186999	-0.355623
-0.000944	-0.630129	-3.512572	
0.25000	-0.021635	-0.167838	-0.355623
-0.000944	-0.322579	-3.434473	
0.50000	-0.021635	-0.142462	-0.355623
-0.000944	-0.015243	-3.387426	
0.75000	-0.021635	-0.112237	-0.355623
-0.000944	-0.286709	-3.340852	
1.00000	-0.021635	-0.089942	-0.355623
-0.000944	-0.571010	-3.352419	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194211	11.659873	0.474945
0.000661	0.815947	15.864700	
0.25000	0.194211	34.107887	0.474945
0.000661	0.405215	53.905251	
0.50000	0.194211	58.205828	0.474945
0.000661	0.039137	66.017369	
0.75000	0.194211	83.166122	0.474945
0.000661	0.424430	50.719830	
1.00000	0.194211	100.969974	0.474945
0.000661	0.874306	17.027545	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029822	-103.149084	-0.526868
-0.001051	-0.962331	-70.859349	
0.25000	-0.029822	-86.210425	-0.526868
-0.001051	-0.506637	-38.096818	
0.50000	-0.029822	-63.778019	-0.526868
-0.001051	-0.062974	-32.575171	
0.75000	-0.029822	-37.059618	-0.526868
-0.001051	-0.423666	-27.057747	
1.00000	-0.029822	-17.350639	-0.526868
-0.001051	-0.827417	-49.593111	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.156323	8.630581	0.481592
0.000987	0.823508	11.775440	
0.25000	0.156323	24.034388	0.481592
0.000987	0.407002	37.993856	
0.50000	0.156323	40.570373	0.481592
0.000987	0.029841	46.326488	
0.75000	0.156323	57.698105	0.481592
0.000987	0.439867	35.809596	
1.00000	0.156323	69.915092	0.481592
0.000987	0.909388	12.647651	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067365	-70.791221	-0.547447
-0.000960	-0.994191	-52.007832	
0.25000	-0.067365	-59.167929	-0.547447
-0.000960	-0.520681	-29.475210	
0.50000	-0.067365	-43.774833	-0.547447
-0.000960	-0.055557	-25.634523	
0.75000	-0.067365	-25.440690	-0.547447
-0.000960	-0.431197	-21.779413	
1.00000	-0.067365	-11.916406	-0.547447
-0.000960	-0.842913	-37.203909	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.145811	7.320204	0.423102
0.001199	0.723545	10.303442	
0.25000	0.145811	20.061483	0.423102
0.001199	0.357649	31.979319	
0.50000	0.145811	33.739246	0.423102
0.001199	0.026187	38.860948	
0.75000	0.145811	47.906472	0.423102
0.001199	0.396166	30.151169	
1.00000	0.145811	58.011769	0.423102
0.001199	0.820769	11.008287	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140077	-58.779666	-0.494707
-0.001031	-0.858724	-44.331499	
0.25000	-0.140077	-49.165444	-0.494707
-0.001031	-0.470601	-25.629399	
0.50000	-0.140077	-36.433024	-0.494707
-0.001031	-0.050087	-22.391432	
0.75000	-0.140077	-21.267913	-0.494707
-0.001031	-0.379467	-19.156922	
1.00000	-0.140077	-10.081284	-0.494707
-0.001031	-0.741136	-31.845661	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.229325	0.316101	0.068527
0.000554	0.119734	1.542763	
0.25000	0.229325	0.325230	0.068527
0.000554	0.060402	1.522988	
0.50000	0.229325	0.343679	0.068527
0.000554	0.004311	1.515136	
0.75000	0.229325	0.362825	0.068527
0.000554	0.066617	1.506891	
1.00000	0.229325	0.379981	0.068527
0.000554	0.143840	1.507474	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123742	-0.210908	-0.086252
-0.000349	-0.153814	-2.554752	
0.25000	-0.123742	-0.193404	-0.086252
-0.000349	-0.078900	-2.623201	
0.50000	-0.123742	-0.173913	-0.086252
-0.000349	-0.007578	-2.730193	
0.75000	-0.123742	-0.156052	-0.086252
-0.000349	-0.088557	-2.857681	
1.00000	-0.123742	-0.152360	-0.086252
-0.000349	-0.117737	-3.021643	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.227168	0.829208	0.120047
0.000956	0.206231	2.987326	
0.25000	0.227168	1.093977	0.120047
0.000956	0.102740	3.409545	
0.50000	0.227168	1.628980	0.120047
0.000956	0.007747	3.644398	
0.75000	0.227168	2.184213	0.120047
0.000956	0.141183	3.403759	
1.00000	0.227168	2.652753	0.120047
0.000956	0.297754	3.110287	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340990	-2.589052	-0.180459
-0.000542	-0.325662	-7.095753	
0.25000	-0.340990	-2.081423	-0.180459
-0.000542	-0.168725	-6.564415	
0.50000	-0.340990	-1.516190	-0.180459
-0.000542	-0.020470	-6.544547	
0.75000	-0.340990	-0.998223	-0.180459
-0.000542	-0.105917	-6.581676	
1.00000	-0.340990	-0.891140	-0.180459
-0.000542	-0.209743	-7.275409	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209002	1.188277	0.245623
0.001137	0.419648	4.320319	
0.25000	0.209002	1.196494	0.245623
0.001137	0.207437	4.006044	
0.50000	0.209002	1.213097	0.245623
0.001137	0.010194	3.926389	
0.75000	0.209002	1.230329	0.245623
0.001137	0.264773	3.938739	
1.00000	0.209002	1.244869	0.245623
0.001137	0.554738	4.014525	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.314272	-0.534721	-0.334258
-0.000450	-0.599864	-10.330785	
0.25000	-0.314272	-0.518967	-0.334258
-0.000450	-0.309667	-10.556910	
0.50000	-0.314272	-0.501426	-0.334258
-0.000450	-0.032825	-10.851908	
0.75000	-0.314272	-0.485331	-0.334258
-0.000450	-0.218051	-11.310391	
1.00000	-0.314272	-0.482028	-0.334258
-0.000450	-0.430763	-11.814249	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297166	6.913712	0.440702
0.001122	0.758006	10.051611	
0.25000	0.297166	13.302390	0.440702
0.001122	0.377106	20.937371	
0.50000	0.297166	26.211648	0.440702
0.001122	0.026401	26.501359	
0.75000	0.297166	39.609109	0.440702
0.001122	0.436114	19.656703	
1.00000	0.297166	50.914585	0.440702
0.001122	0.904526	9.836963	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.272822	-50.520225	-0.543078
-0.000681	-0.979968	-39.002532	
0.25000	-0.272822	-38.271473	-0.543078
-0.000681	-0.509173	-26.211648	
0.50000	-0.272822	-24.632792	-0.543078
-0.000681	-0.055040	-24.491747	
0.75000	-0.272822	-12.134620	-0.543078
-0.000681	-0.390328	-22.649413	
1.00000	-0.272822	-9.550785	-0.543078
-0.000681	-0.768947	-35.545553	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004228	0.432284	0.081762
0.000416	0.137238	1.533880	
0.25000	0.004228	0.441414	0.081762
0.000416	0.066698	1.507634	
0.50000	0.004228	0.459862	0.081762
0.000416	0.003746	1.516287	
0.75000	0.004228	0.479008	0.081762
0.000416	0.101509	1.539510	
1.00000	0.004228	0.495165	0.081762
0.000416	0.215049	1.601253	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.228982	-0.439114	-0.130734
-0.000175	-0.236362	-4.592005	
0.25000	-0.228982	-0.422410	-0.130734
-0.000175	-0.123006	-4.555822	
0.50000	-0.228982	-0.402919	-0.130734
-0.000175	-0.015738	-4.602888	
0.75000	-0.228982	-0.385058	-0.130734
-0.000175	-0.074794	-4.678471	
1.00000	-0.228982	-0.381366	-0.130734
-0.000175	-0.145553	-4.801438	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066583	9.105743	0.279215
0.000595	0.477069	10.743547	
0.25000	0.066583	18.829133	0.279215
0.000595	0.236128	27.826202	
0.50000	0.066583	38.476664	0.279215
0.000595	0.030439	36.624266	
0.75000	0.066583	58.867228	0.279215
0.000595	0.289754	26.104158	
1.00000	0.066583	76.073846	0.279215
0.000595	0.604420	10.969865	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195187	-76.330148	-0.366999
-7.98E-05	-0.675324	-49.873061	
0.25000	-0.195187	-57.687888	-0.366999
-7.98E-05	-0.357460	-30.500169	
0.50000	-0.195187	-36.930195	-0.366999
-7.98E-05	-0.054535	-27.022099	
0.75000	-0.195187	-17.908326	-0.366999
-7.98E-05	-0.254276	-23.681854	
1.00000	-0.195187	-13.975802	-0.366999
-7.98E-05	-0.491430	-42.702636	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143598	8.418518	0.297130
0.000958	0.508519	10.869112	
0.25000	0.143598	17.218871	0.297130
0.000958	0.252017	26.349642	
0.50000	0.143598	35.001270	0.297130
0.000958	0.030595	34.323555	
0.75000	0.143598	53.456166	0.297130
0.000958	0.315246	24.811980	
1.00000	0.143598	69.029367	0.297130
0.000958	0.659705	11.125179	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300476	-69.225360	-0.400558
-0.000328	-0.734856	-47.551221	
0.25000	-0.300476	-52.352803	-0.400558
-0.000328	-0.387247	-30.005984	
0.50000	-0.300476	-33.565629	-0.400558
-0.000328	-0.057149	-26.847445	
0.75000	-0.300476	-16.349498	-0.400558
-0.000328	-0.268956	-23.865619	
1.00000	-0.300476	-12.790286	-0.400558
-0.000328	-0.521971	-41.128281	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228045	6.045961	0.536142
0.001094	0.921922	9.280454	
0.25000	0.228045	11.352741	0.536142
0.001094	0.458534	18.237338	
0.50000	0.228045	22.075865	0.536142
0.001094	0.023901	22.841571	
0.75000	0.228045	33.245917	0.536142
0.001094	0.524985	17.100689	
1.00000	0.228045	42.595454	0.536142
0.001094	1.086946	8.942291	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.271768	-42.022378	-0.650454
-0.000865	-1.167660	-35.782573	
0.25000	-0.271768	-31.847906	-0.650454
-0.000865	-0.603887	-25.451600	
0.50000	-0.271768	-20.518883	-0.650454
-0.000865	-0.057098	-23.842478	
0.75000	-0.271768	-10.137229	-0.650454
-0.000865	-0.473382	-22.437757	
1.00000	-0.271768	-7.990957	-0.650454
-0.000865	-0.934532	-33.285152	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.153539	0.739189	0.475084
0.000433	0.821250	2.051444	
0.25000	0.153539	0.748319	0.475084
0.000433	0.410249	1.941381	
0.50000	0.153539	0.766767	0.475084
0.000433	0.004756	1.885583	
0.75000	0.153539	0.785913	0.475084
0.000433	0.434345	1.880491	
1.00000	0.153539	0.802070	0.475084
0.000433	0.889049	1.878736	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061459	-0.197701	-0.525207
-0.000965	-0.927185	-6.792059	
0.25000	-0.061459	-0.180196	-0.525207
-0.000965	-0.472535	-7.028244	
0.50000	-0.061459	-0.160706	-0.525207
-0.000965	-0.022597	-7.327433	
0.75000	-0.061459	-0.142845	-0.525207
-0.000965	-0.411480	-7.685768	
1.00000	-0.061459	-0.139152	-0.525207
-0.000965	-0.822450	-8.080430	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.287659	12.785957	0.697527
0.000564	1.206332	14.249736	
0.25000	0.287659	26.590432	0.697527
0.000564	0.603133	38.517370	
0.50000	0.287659	54.484392	0.697527
0.000564	0.040728	50.927488	
0.75000	0.287659	83.433248	0.697527
0.000564	0.640916	35.990008	
1.00000	0.287659	107.861799	0.697527
0.000564	1.314798	14.457223	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065256	-108.151632	-0.783926
-0.001054	-1.412486	-68.312413	
0.25000	-0.065256	-81.684875	-0.783926
-0.001054	-0.773376	-40.917209	
0.50000	-0.065256	-52.214798	-0.783926
-0.001054	-0.069466	-36.050393	
0.75000	-0.065256	-25.209102	-0.783926
-0.001054	-0.613722	-31.347792	
1.00000	-0.065256	-19.626026	-0.783926
-0.001054	-1.210604	-58.363904	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220375	9.825030	0.715443
0.000823	1.232655	12.282684	
0.25000	0.220375	10.775755	0.715443
0.000823	0.614080	29.656395	
0.50000	0.220375	39.882651	0.715443
0.000823	0.033961	38.611492	
0.75000	0.220375	60.749951	0.715443
0.000823	0.675768	27.817142	
1.00000	0.220375	78.358665	0.715443
0.000823	1.391593	12.270808	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152121	-78.027248	-0.830541
-0.000958	-1.491739	-55.582017	
0.25000	-0.152121	-58.949127	-0.830541
-0.000958	-0.772636	-36.044820	
0.50000	-0.152121	-37.706113	-0.830541
-0.000958	-0.070612	-32.780458	
0.75000	-0.152121	-18.239508	-0.830541
-0.000958	-0.631081	-29.681294	
1.00000	-0.152121	-14.215040	-0.830541
-0.000958	-1.245112	-49.461360	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215079	8.347664	0.633732
0.001040	1.090928	11.234935	
0.25000	0.215079	16.605698	0.633732
0.001040	0.543223	25.640249	
0.50000	0.215079	33.292263	0.633732
0.001040	0.030750	33.076204	
0.75000	0.215079	50.609882	0.633732
0.001040	0.614893	24.142762	
1.00000	0.215079	65.223391	0.633732
0.001040	1.269849	11.301483	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.286959	-64.994481	-0.759365
-0.000997	-1.365193	-48.678259	
0.25000	-0.286959	-49.161689	-0.759365
-0.000997	-0.707419	-32.435516	
0.50000	-0.286959	-31.532268	-0.759365
-0.000997	-0.067485	-29.681815	
0.75000	-0.286959	-15.377075	-0.759365
-0.000997	-0.559768	-27.086482	
1.00000	-0.286959	-12.037199	-0.759365
-0.000997	-1.103810	-43.519117	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194211	11.659873	0.481592
0.001243	0.823508	15.864700	
0.25000	0.194211	34.107887	0.481592
0.001243	0.407002	53.905251	
0.50000	0.194211	58.205828	0.481592
0.001243	0.039137	66.017369	
0.75000	0.194211	83.166122	0.481592
0.001243	0.439867	50.719830	
1.00000	0.194211	100.969974	0.481592
0.001243	0.909388	17.027545	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.200261	-103.149084	-0.547447
-0.001051	-0.994191	-70.859349	
0.25000	-0.200261	-86.210425	-0.547447
-0.001051	-0.520681	-38.096818	
0.50000	-0.200261	-63.778019	-0.547447
-0.001051	-0.062974	-32.575171	
0.75000	-0.200261	-37.059618	-0.547447
-0.001051	-0.431197	-27.057747	
1.00000	-0.200261	-17.350639	-0.547447
-0.001051	-0.842913	-49.593111	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297166	12.785957	0.715443
0.001137	1.232655	14.249736	
0.25000	0.297166	26.590432	0.715443
0.001137	0.614080	38.517370	
0.50000	0.297166	54.484392	0.715443
0.001137	0.040728	50.927488	
0.75000	0.297166	83.433248	0.715443
0.001137	0.675768	35.990008	
1.00000	0.297166	107.861799	0.715443
0.001137	1.391593	14.457223	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340990	-108.151632	-0.830541
-0.001054	-1.491739	-68.312413	
0.25000	-0.340990	-81.684875	-0.830541
-0.001054	-0.772636	-40.917209	
0.50000	-0.340990	-52.214798	-0.830541
-0.001054	-0.070612	-36.050393	
0.75000	-0.340990	-25.209102	-0.830541
-0.001054	-0.631081	-31.347792	
1.00000	-0.340990	-19.626026	-0.830541
-0.001054	-1.245112	-58.363904	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297166	12.785957	0.715443
0.001243	1.232655	15.864700	
0.25000	0.297166	34.107887	0.715443
0.001243	0.614080	53.905251	
0.50000	0.297166	58.205828	0.715443
0.001243	0.040728	66.017369	
0.75000	0.297166	83.433248	0.715443
0.001243	0.675768	50.719830	
1.00000	0.297166	107.861799	0.715443
0.001243	1.391593	17.027545	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340990	-108.151632	-0.830541
-0.001054	-1.491739	-70.859349	
0.25000	-0.340990	-86.210425	-0.830541
-0.001054	-0.772636	-40.917209	
0.50000	-0.340990	-63.778019	-0.830541
-0.001054	-0.070612	-36.050393	
0.75000	-0.340990	-37.059618	-0.830541
-0.001054	-0.631081	-31.347792	
1.00000	-0.340990	-19.626026	-0.830541
-0.001054	-1.245112	-58.363904	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.297166	12.785957	0.715443
0.001243	1.232655	15.864700	
0.25000	0.297166	34.107887	0.715443
0.001243	0.614080	53.905251	
0.50000	0.297166	58.205828	0.715443
0.001243	0.040728	66.017369	
0.75000	0.297166	83.433248	0.715443
0.001243	0.675768	50.719830	
1.00000	0.297166	107.861799	0.715443
0.001243	1.391593	17.027545	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340990	-108.151632	-0.830541
-0.001054	-1.491739	-70.859349	
0.25000	-0.340990	-86.210425	-0.830541
-0.001054	-0.772636	-40.917209	
0.50000	-0.340990	-63.778019	-0.830541
-0.001054	-0.070612	-36.050393	
0.75000	-0.340990	-37.059618	-0.830541

```
 -0.001054   -0.631081   -31.347792
 1.00000     -0.340990   -19.626026     -0.830541
 -0.001054   -1.245112   -58.363904

 ELEM      478 ================== LENGTH
 =    3.460332

 COMB DB-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.057172     0.114135     0.051551
 0.000380    0.085358     0.762998
 0.25000     0.057172     0.136426     0.051551
 0.000380    0.040788     0.759237
 0.50000     0.057172     0.166649     0.051551
 0.000380    0.002625     0.740760
 0.75000     0.057172     0.192029     0.051551
 0.000380    0.038701     0.710869
 1.00000     0.057172     0.211194     0.051551
 0.000380    0.077111     0.684749

 COMB DB-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.038549    -0.338496    -0.044475
 -0.000565   -0.076970    -1.292097
 0.25000     -0.038549    -0.318361    -0.044475
 -0.000565   -0.038492    -1.270541
 0.50000     -0.038549    -0.290124    -0.044475
 -0.000565   -0.004425    -1.332331
 0.75000     -0.038549    -0.262853    -0.044475
 -0.000565   -0.048550    -1.394867
 1.00000     -0.038549    -0.237457    -0.044475
 -0.000565   -0.093138    -1.489207

 COMB DB-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.065454     1.055385     0.103882
 0.000615    0.170211     1.927072
 0.25000     0.065454     1.679524     0.103882
 0.000615    0.080537     2.858619
 0.50000     0.065454     2.525770     0.103882
 0.000615    0.005784     3.278508
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4896

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.75000     0.065454     3.236417     0.103882
 0.000615    0.065620     2.862682
 1.00000     0.065454     3.773046     0.103882
 0.000615    0.129825     1.687756

 COMB DB-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.117327    -3.709904    -0.074936
 -0.001013   -0.129753    -4.075466
 0.25000     -0.117327    -3.146136    -0.074936
 -0.001013   -0.065324    -3.392431
 0.50000     -0.117327    -2.376475    -0.074936
 -0.001013   -0.017217    -3.696569
 0.75000     -0.117327    -1.592168    -0.074936
 -0.001013   -0.099938    -4.005287
 1.00000     -0.117327    -0.880813    -0.074936
 -0.001013   -0.189801    -5.182184

 COMB DB-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.063620     0.360320     0.198908
 0.000493    0.327585     1.962049
 0.25000     0.063620     0.380381     0.198908
 0.000493    0.155537     1.874279
 0.50000     0.063620     0.407582     0.198908
 0.000493    0.006690     1.802862
 0.75000     0.063620     0.430424     0.198908
 0.000493    0.125122     1.747133
 1.00000     0.063620     0.447673     0.198908
 0.000493    0.255523     1.760551

 COMB DB-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.123659    -1.114294    -0.150730
 -0.001244   -0.166050    -4.077950
 0.25000     -0.123659    -1.096173    -0.150730
 -0.001244   -0.135827    -4.735859
 0.50000     -0.123659    -1.070759    -0.150730
 -0.001244   -0.017184    -4.867497
 0.75000     -0.123659    -1.046224    -0.150730
 -0.001244   -0.188726    -5.002109
 1.00000     -0.123659    -1.023359    -0.150730
 -0.001244   -0.360785    -5.168495

 COMB DB-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.098357     10.744644    0.346756
 0.000736    0.569753     11.475529
 0.25000     0.098357     22.564263    0.346756
 0.000736    0.273224     31.547816
 0.50000     0.098357     38.590049    0.346756
 0.000736    0.027930     40.631772
 0.75000     0.098357     52.047925    0.346756
 0.000736    0.241762     33.355728
 1.00000     0.098357     62.210344    0.346756
 0.000736    0.489955     10.747148

 COMB DB-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.107810    -61.223048   -0.286966
 -0.001250   -0.503041    -32.437132
 0.25000     -0.107810    -50.546691   -0.286966
 -0.001250   -0.259256    -18.840250
 0.50000     -0.107810    -35.573545   -0.286966
 -0.001250   -0.046149    -22.231284
 0.75000     -0.107810    -21.118420   -0.286966
 -0.001250   -0.338576    -25.626505
 1.00000     -0.107810    -7.647135    -0.286966
 -0.001250   -0.638516    -45.353974

 COMB DB-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.003119     0.404454     0.075220
 0.000188    0.122738     0.813025
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4897

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 REL DIST            P            V2           V3
        T           M2           M3
 0.25000     0.003119     0.426745     0.075220
 0.000188    0.057668     0.772629
 0.50000     0.003119     0.456968     0.075220
 0.000188    0.002628     0.756227
 0.75000     0.003119     0.482348     0.075220
 0.000188    0.039838     0.727634
 1.00000     0.003119     0.501513     0.075220
 0.000188    0.081836     0.701816

 COMB DB-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.084859    -0.571486    -0.048541
 -0.000501   -0.086115    -2.043158
 0.25000     -0.084859    -0.551352    -0.048541
 -0.000501   -0.044187    -2.034877
 0.50000     -0.084859    -0.523114    -0.048541
 -0.000501   -0.007556    -2.117066
 0.75000     -0.084859    -0.495853    -0.048541
 -0.000501   -0.072474    -2.202126
 1.00000     -0.084859    -0.470447    -0.048541
 -0.000501   -0.137554    -2.321917

 COMB DB-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.026911     14.376989    0.231254
 9.95E-05    0.372359     14.200566
 0.25000     0.026911     30.560002    0.231254
 9.95E-05    0.176998     41.780999
 0.50000     0.026911     52.501955    0.231254
 9.95E-05    0.032944     54.284274
 0.75000     0.026911     70.928015    0.231254
 9.95E-05    0.145041     44.244192
 1.00000     0.026911     84.842048    0.231254
 9.95E-05    0.296719     12.848231

 COMB DB-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.087856    -82.851773   -0.175427
 -0.000715   -0.310259    -40.655541
 0.25000     -0.087856    -68.234073   -0.175427
 -0.000715   -0.164531    -22.107595
 0.50000     -0.087856    -47.733358   -0.175427
 -0.000715   -0.048841    -26.688859
 0.75000     -0.087856    -27.941900   -0.175427
 -0.000715   -0.239193    -31.271744
 1.00000     -0.087856    -9.497481    -0.175427
 -0.000715   -0.439243    -58.213318

 COMB DB-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.055788     13.072131    0.250143
 0.000376    0.404198     13.419181
 0.25000     0.055788     27.697029    0.250143
 0.000376    0.192037     38.323422
 0.50000     0.055788     47.526388    0.250143
 0.000376    0.031821     49.594369
 0.75000     0.055788     64.178369    0.250143
 0.000376    0.154875     40.507957
 1.00000     0.055788     76.734715    0.250143
 0.000376    0.317029     12.145680

 COMB DB-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.119692    -75.002376   -0.187590
 -0.001081   -0.332042    -37.807869
 0.25000     -0.119692    -61.792082   -0.187590
 -0.001081   -0.175179    -21.060321
 0.50000     -0.119692    -43.265196   -0.187590
 -0.001081   -0.048102    -25.257256
 0.75000     -0.119692    -25.379749   -0.187590
 -0.001081   -0.255374    -29.458024
 1.00000     -0.119692    -8.710708    -0.187590
 -0.001081   -0.471723    -53.865729
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4898

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.096272     8.776459     0.421396
 0.000904    0.697367     9.747266
 0.25000     0.096272     18.372585    0.421396
 0.000904    0.335633     26.045479
 0.50000     0.096272     31.383619    0.421396
 0.000904    0.024345     33.403235
 0.75000     0.096272     42.309815    0.421396
 0.000904    0.298527     27.416817
 1.00000     0.096272     50.560492    0.421396
 0.000904    0.604741     9.110747

 COMB DB-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.108889    -50.060834   -0.354067
 -0.001226   -0.520405    -28.018412
 0.25000     -0.108889    -41.392900   -0.354067
 -0.001226   -0.317681    -16.952143
 0.50000     -0.108889    -29.236485   -0.354067
 -0.001226   -0.044702    -19.729074
 0.75000     -0.108889    -17.500641   -0.354067
 -0.001226   -0.403095    -22.510493
 1.00000     -0.108889    -6.563559    -0.354067
 -0.001226   -0.767600    -38.551814

 COMB DB-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.077520     0.092297     0.356789
 0.000944    0.602126     0.936099
 0.25000     0.077520     0.114588     0.356789
 0.000944    0.293486     0.933719
 0.50000     0.077520     0.144811     0.356789
 0.000944    0.003562     0.916856
 0.75000     0.077520     0.170191     0.356789
 0.000944    0.281968     0.880251
 1.00000     0.077520     0.189357     0.356789
 0.000944    0.566045     0.880920

 COMB DB-G3-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.019238    -0.786820    -0.328381
 -0.000479   -0.570264    -3.393880
 0.25000     -0.019238    -0.766686    -0.328381
 -0.000479   -0.286196    -3.293595
 0.50000     -0.019238    -0.738448    -0.328381
 -0.000479   -0.015417    -3.340251
 0.75000     -0.019238    -0.711187    -0.328381
 -0.000479   -0.323987    -3.391339
 1.00000     -0.019238    -0.685782    -0.328381
 -0.000479   -0.632599    -3.471967

 COMB DB-G3-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.128825     17.342392    0.528798
 0.001051    0.877556     17.040391
 0.25000     0.128825     37.047329    0.528798
 0.001051    0.425841     50.655404
 0.50000     0.128825     63.764528    0.528798
 0.001051    0.039672     65.896811
 0.75000     0.128825     86.200667    0.528798
 0.001051    0.404984     53.762835
 1.00000     0.128825     103.142823   0.528798
 0.001051    0.815072     15.726331

 COMB DB-G3-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.023200    -100.978032  -0.474157
 -0.000673   -0.825672    -49.667060
 0.25000     -0.023200    -83.179069   -0.474157
 -0.000673   -0.422721    -26.990065
 0.50000     -0.023200    -58.216765   -0.474157
 -0.000673   -0.063227    -32.509328
 0.75000     -0.023200    -34.118076   -0.474157
 -0.000673   -0.508842    -38.031897
 1.00000     -0.023200    -11.659582   -0.474157
 -0.000673   -0.966285    -70.778879
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4899

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DB-G3-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.099935     11.911709    0.550408
 0.000960    0.914238     12.668789
 0.25000     0.099935     25.433218    0.550408
 0.000960    0.442028     35.714117
 0.50000     0.099935     43.766536    0.550408
 0.000960    0.030774     46.131001
 0.75000     0.099935     59.162195    0.550408
 0.000960    0.406889     37.717761
 1.00000     0.099935     70.787886    0.550408
 0.000960    0.821237     11.498830

 COMB DB-G3-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.068639    -69.922917   -0.479990
 -0.000987   -0.839688    -37.285558
 0.25000     -0.068639    -57.709285   -0.479990
 -0.000987   -0.429417    -21.692590
 0.50000     -0.068639    -40.580175   -0.479990
 -0.000987   -0.055831    -25.534293
 0.75000     -0.068639    -24.043676   -0.479990
 -0.000987   -0.523869    -29.376238
 1.00000     -0.068639    -8.632678    -0.479990
 -0.000987   -1.000018    -51.898663

 COMB DB-G3-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.099826     10.078711    0.497353
 0.001031    0.825110     11.029589
 0.25000     0.099826     21.263046    0.497353
 0.001031    0.398121     30.040974
 0.50000     0.099826     36.427474    0.497353
 0.001031    0.027248     38.632560
 0.75000     0.099826     49.162013    0.497353
 0.001031    0.359158     31.661991
 1.00000     0.099826     58.778220    0.497353
 0.001031    0.723983     9.984456

 COMB DB-G3-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.110336    -58.017614   -0.422791
 -0.001199   -0.739434    -31.914462
 0.25000     -0.110336    -47.915091   -0.422791
 -0.001199   -0.377855    -19.035709
 0.50000     -0.110336    -33.746725   -0.422791
 -0.001199   -0.050377    -22.271999
 0.75000     -0.110336    -20.068538   -0.422791
 -0.001199   -0.473647    -25.511347
 1.00000     -0.110336    -7.321311    -0.422791
 -0.001199   -0.903916    -44.205647

 COMB DL-G1-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.158323     0.164141     0.074413
 0.000341    0.244132     1.510646
 0.25000     0.158323     0.167829     0.074413
 0.000341    0.059756     1.489241
 0.50000     0.158323     0.185690     0.074413
 0.000341    0.004635     1.474911
 0.75000     0.158323     0.205180     0.074413
 0.000341    0.069733     1.464711
 1.00000     0.158323     0.222686     0.074413
 0.000341    0.139928     1.473526

 COMB DL-G1-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.043938    -0.364336    -0.080375
 -0.000554   -0.137571    -3.022389
 0.25000     -0.043938    -0.348182    -0.080375
 -0.000554   -0.067756    -2.873503
 0.50000     -0.043938    -0.329035    -0.080375
 -0.000554   -0.007205    -2.759075
 0.75000     -0.043938    -0.310586    -0.080375
 -0.000554   -0.069012    -2.683950
 1.00000     -0.043938    -0.301448    -0.080375
 -0.000554   -0.133494    -2.606642
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4900

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G1-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.151574     0.914146     0.157738
 0.000542    0.259880     3.114554
 0.25000     0.151574     1.021076     0.157738
 0.000542    0.123448     3.371256
 0.50000     0.151574     1.539061     0.157738
 0.000542    0.008281     3.572863
 0.75000     0.151574     2.104255     0.157738
 0.000542    0.122020     3.305677
 1.00000     0.151574     2.611935     0.157738
 0.000542    0.246755     2.867127

 COMB DL-G1-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.244347    -2.627303    -0.143205
 -0.000957   -0.012329    -7.275324
 0.25000     -0.244347    -2.158816    -0.143205
 -0.000957   -0.123668    -6.606293
 0.50000     -0.244347    -1.603558    -0.143205
 -0.000957   -0.019584    -6.593557
 0.75000     -0.244347    -1.068539    -0.143205
 -0.000957   -0.149828    -6.634494
 1.00000     -0.244347    -0.603533    -0.143205
 -0.000957   -0.286563    -7.182479

 COMB DL-G1-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.144307     0.511658     0.301011
 0.000450    0.499335     4.021541
 0.25000     0.144307     0.514976     0.301011
 0.000450    0.238752     3.894245
 0.50000     0.144307     0.531051     0.301011
 0.000450    0.010924     3.828177
 0.75000     0.144307     0.548592     0.301011
 0.000450    0.234877     3.897022
 1.00000     0.144307     0.564348     0.301011
 0.000450    0.477632     4.187617

 COMB DL-G1-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.228589    -1.216110    -0.279241
 -0.001138   -0.486497    -11.819002
 0.25000     -0.228589    -1.201571    -0.279241
 -0.001138   -0.244208    -11.345349
 0.50000     -0.228589    -1.184339    -0.279241
 -0.001138   -0.031573    -10.944469
 0.75000     -0.228589    -1.167735    -0.279241
 -0.001138   -0.281915    -10.644996
 1.00000     -0.228589    -1.159511    -0.279241
 -0.001138   -0.542783    -10.443022

 COMB DL-G1-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.230509     9.576779     0.504366
 0.000681    0.839902     9.841928
 0.25000     0.230509     12.156920    0.504366
 0.000681    0.405742     19.612144
 0.50000     0.230509     24.655545    0.504366
 0.000681    0.027264     26.407030
 0.75000     0.230509     38.293294    0.504366
 0.000681    0.409542     20.841036
 1.00000     0.230509     50.543251    0.504366
 0.000681    0.825868     9.925103

 COMB DL-G1-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.197621    -50.893437   -0.479941
 -0.001135   -0.834265    -35.559910
 0.25000     -0.197621    -39.589147   -0.479941
 -0.001135   -0.421134    -22.680552
 0.50000     -0.197621    -26.191163   -0.479941
 -0.001135   -0.053694    -24.556548
 0.75000     -0.197621    -13.281518   -0.479941
 -0.001135   -0.476974    -26.596281
 1.00000     -0.197621    -6.887105    -0.479941
 -0.001135   -0.913539    -39.123137
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4901

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.002645     0.394331     0.117362
 0.000175    0.192749     1.603846
 0.25000     0.002645     0.397919     0.117362
 0.000175    0.091119     1.522592
 0.50000     0.002645     0.415780     0.117362
 0.000175    0.003948     1.481571
 0.75000     0.002645     0.435270     0.117362
 0.000175    0.078040     1.454638
 1.00000     0.002645     0.452776     0.117362
 0.000175    0.160685     1.470240

 COMB DL-G2-1 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.221461    -0.483843    -0.095016
 -0.000417   -0.167586    -4.800960
 0.25000     -0.221461    -0.467688    -0.095016
 -0.000417   -0.085083    -4.689126
 0.50000     -0.221461    -0.448541    -0.095016
 -0.000417   -0.015163    -4.625359
 0.75000     -0.221461    -0.429592    -0.095016
 -0.000417   -0.111658    -4.588657
 1.00000     -0.221461    -0.420954    -0.095016
 -0.000417   -0.213243    -4.631739

 COMB DL-G2-2 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.065693     13.991111    0.339548
 7.98E-05    0.558588     10.975021
 0.25000     0.065693     17.918013    0.339548
 7.98E-05    0.268284     26.071273
 0.50000     0.065693     36.940672    0.339548
 7.98E-05    0.030901     36.562791
 0.75000     0.065693     57.696846    0.339548
 7.98E-05    0.258945     27.752499
 1.00000     0.065693     76.340939    0.339548
 7.98E-05    0.524654     10.674631

 COMB DL-G2-2 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.190525    -76.067596   -0.306579
 -0.000596   -0.537209    -42.722535
 0.25000     -0.190525    -58.862781   -0.306579
 -0.000596   -0.275892    -23.696698
 0.50000     -0.190525    -38.471422   -0.306579
 -0.000596   -0.053554    -27.060507
 0.75000     -0.190525    -18.823302   -0.306579
 -0.000596   -0.334245    -30.559550
 1.00000     -0.190525    -9.091184    -0.306579
 -0.000596   -0.628178    -49.945012

 COMB DL-G2-3 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.114715     12.813717    0.366193
 0.000328    0.602266     11.217470
 0.25000     0.114715     16.367840    0.366193
 0.000328    0.288412     24.767684
 0.50000     0.114715     33.584595    0.366193
 0.000328    0.031237     34.237370
 0.75000     0.114715     52.370485    0.366193
 0.000328    0.280299     26.235650
 1.00000     0.114715     69.244702    0.366193
 0.000328    0.568177     10.754994

 COMB DL-G2-3 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.251148    -69.012594   -0.331669
 -0.000959   -0.579726    -41.146327
 0.25000     -0.251148    -53.441025   -0.331669
 -0.000959   -0.296111    -23.889883
 0.50000     -0.251148    -34.985409   -0.331669
 -0.000959   -0.056119    -26.904792
 0.75000     -0.251148    -17.202477   -0.331669
 -0.000959   -0.358886    -30.074988
 1.00000     -0.251148    -8.394225    -0.331669
 -0.000959   -0.675950    -47.640814
 Program    SAP2000    Nonlinear    Version    7.42
                    File:하행S06-S1003.OUT

                         Page
 <                  MOVING          LOAD                >
                                    4902

 F R A M E   E L E M E N T   I N T E R N A
 L   F O R C E S

 COMB DL-G2-4 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.189010     8.018535     0.609989
 0.000847    1.019256     8.947521
 0.25000     0.189010     10.161738    0.609989
 0.000847    0.493364     17.052281
 0.50000     0.189010     20.543769    0.609989
 0.000847    0.024657     22.741997
 0.75000     0.189010     31.872017    0.609989
 0.000847    0.492503     18.126629
 1.00000     0.189010     42.047490    0.609989
 0.000847    0.992846     9.164361

 COMB DL-G2-4 ------------------- MIN

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     -0.223960    -42.572583   -0.577148
 -0.001095   -1.003150    -33.294586
 0.25000     -0.223960    -33.182631   -0.577148
 -0.001095   -0.505440    -22.467102
 0.50000     -0.223960    -22.053544   -0.577148
 -0.001095   -0.055617    -23.907125
 0.75000     -0.223960    -11.330098   -0.577148
 -0.001095   -0.570482    -25.534167
 1.00000     -0.223960    -6.018555    -0.577148
 -0.001095   -1.098436    -35.892576

 COMB DL-G3-1 ------------------- MAX

 REL DIST            P            V2           V3
        T           M2           M3
 0.00000     0.130062     0.153598     0.506547
 0.000965    0.857569     1.882741
 0.25000     0.130062     0.157285     0.506547
 0.000965    0.419608     1.863571
```

0.50000	0.130062	0.175147	0.506547
0.000965	0.005218	1.847195	
0.75000	0.130062	0.194636	0.506547
0.000965	0.426695	1.883272	
1.00000	0.130062	0.212142	0.506547
0.000965	0.854675	2.012364	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048412	-0.785848	-0.494273
-0.000434	-0.854750	-8.069370	
0.25000	-0.048412	-0.769693	-0.494273
-0.000434	-0.426719	-7.693381	
0.50000	-0.048412	-0.750546	-0.494273
-0.000434	-0.022392	-7.353689	
0.75000	-0.048412	-0.732097	-0.494273
-0.000434	-0.457190	-7.071915	
1.00000	-0.048412	-0.722959	-0.494273
-0.000434	-0.895243	-6.852781	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255359	19.638491	0.752456
0.001055	1.261864	14.462324	
0.25000	0.255359	25.213586	0.752456
0.001055	0.616010	35.960920	
0.50000	0.255359	52.220261	0.752456
0.001055	0.041391	50.874768	
0.75000	0.255359	81.688323	0.752456
0.001055	0.630513	38.458239	
1.00000	0.255359	108.157683	0.752456
0.001055	1.262043	14.193860	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049684	-107.856097	-0.729572
-0.000564	-1.264619	-58.379453	
0.25000	-0.049684	-83.430107	-0.729572
-0.000564	-0.639114	-31.349819	
0.50000	-0.049684	-54.480121	-0.729572
-0.000564	-0.069008	-36.085552	
0.75000	-0.049684	-26.585325	-0.729572
-0.000564	-0.707938	-40.983329	
1.00000	-0.049684	-12.768460	-0.729572
-0.000564	-1.358595	-68.398107	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4903

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193940	14.238176	0.790328
0.000958	1.324289	12.279250	
0.25000	0.193940	18.256890	0.790328
0.000958	0.644148	27.774561	
0.50000	0.193940	37.724202	0.790328
0.000958	0.034793	38.527484	
0.75000	0.193940	58.965763	0.790328
0.000958	0.648083	29.543121	
1.00000	0.193940	78.045760	0.790328
0.000958	1.302746	12.201662	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.139976	-78.342363	-0.756002
-0.000823	-1.313365	-49.471169	
0.25000	-0.139976	-60.735295	-0.756002
-0.000823	-0.663096	-29.699516	
0.50000	-0.139976	-39.867180	-0.756002
-0.000823	-0.069836	-32.835000	
0.75000	-0.139976	-19.756862	-0.756002
-0.000823	-0.739119	-36.133424	
1.00000	-0.139976	-9.800025	-0.756002
-0.000823	-1.422790	-55.697262	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184988	12.065385	0.717207
0.000997	1.199092	11.310478	
0.25000	0.184988	15.400487	0.717207
0.000997	0.581793	24.095010	
0.50000	0.184988	31.556266	0.717207
0.000997	0.031649	32.979955	
0.75000	0.184988	49.184481	0.717207
0.000997	0.578881	25.508588	
1.00000	0.184988	65.018830	0.717207
0.000997	1.164778	11.123217	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254554	-65.200586	-0.676292
-0.001040	-1.175324	-43.526658	
0.25000	-0.254554	-50.588609	-0.676292
-0.001040	-0.597074	-27.097336	
0.50000	-0.254554	-33.270314	-0.676292
-0.001040	-0.066567	-29.732762	
0.75000	-0.254554	-16.583249	-0.676292
-0.001040	-0.672417	-32.523902	
1.00000	-0.254554	-8.317803	-0.676292
-0.001040	-1.292677	-48.797790	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.128825	17.342392	0.550408
0.001051	1.040391	17.040391	
0.25000	0.128825	37.047329	0.550408
0.001051	0.442028	50.655404	
0.50000	0.128825	63.764528	0.550408
0.001051	0.039672	65.896811	
0.75000	0.128825	86.200667	0.550408
0.001051	0.406089	53.762835	
1.00000	0.128825	103.142823	0.550408
0.001051	0.821237	15.726331	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123659	-100.978032	-0.479990
-0.001250	-0.839688	-49.667060	
0.25000	-0.123659	-83.179069	-0.479990
-0.001250	-0.429417	-26.990065	
0.50000	-0.123659	-58.216765	-0.479990
-0.001250	-0.063227	-32.509328	
0.75000	-0.123659	-34.118076	-0.479990
-0.001250	-0.523869	-38.031897	
1.00000	-0.123659	-11.659582	-0.479990
-0.001250	-1.000018	-70.778879	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4904

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255359	19.638491	0.790328
0.001055	1.324289	14.462324	
0.25000	0.255359	25.213586	0.790328
0.001055	0.644148	35.960920	
0.50000	0.255359	52.220261	0.790328
0.001055	0.041391	50.874768	
0.75000	0.255359	81.688323	0.790328
0.001055	0.648083	38.458239	
1.00000	0.255359	108.157683	0.790328
0.001055	1.302746	14.193860	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254554	-107.856097	-0.756002
-0.001138	-1.313365	-58.379453	
0.25000	-0.254554	-83.430107	-0.756002
-0.001138	-0.663096	-31.349819	
0.50000	-0.254554	-54.480121	-0.756002
-0.001138	-0.069836	-36.085552	
0.75000	-0.254554	-26.585325	-0.756002
-0.001138	-0.739119	-40.983329	
1.00000	-0.254554	-12.768460	-0.756002
-0.001138	-1.422790	-68.398107	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255359	19.638491	0.790328
0.001055	1.324289	17.040391	
0.25000	0.255359	37.047329	0.790328
0.001055	0.644148	50.655404	
0.50000	0.255359	63.764528	0.790328
0.001055	0.041391	65.896811	
0.75000	0.255359	86.200667	0.790328
0.001055	0.648083	53.762835	
1.00000	0.255359	108.157683	0.790328
0.001055	1.302746	15.726331	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254554	-107.856097	-0.756002
-0.001250	-1.313365	-58.379453	
0.25000	-0.254554	-83.430107	-0.756002
-0.001250	-0.663096	-31.349819	
0.50000	-0.254554	-58.216765	-0.756002
-0.001250	-0.069836	-36.085552	
0.75000	-0.254554	-34.118076	-0.756002
-0.001250	-0.739119	-40.983329	
1.00000	-0.254554	-12.768460	-0.756002
-0.001250	-1.422790	-70.778879	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255359	19.638491	0.790328
0.001055	1.324289	17.040391	
0.25000	0.255359	37.047329	0.790328
0.001055	0.644148	50.655404	
0.50000	0.255359	63.764528	0.790328
0.001055	0.041391	65.896811	
0.75000	0.255359	86.200667	0.790328
0.001055	0.648083	53.762835	
1.00000	0.255359	108.157683	0.790328
0.001055	1.302746	15.726331	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.254554	-107.856097	-0.756002
-0.001250	-1.313365	-58.379453	
0.25000	-0.254554	-83.430107	-0.756002
-0.001250	-0.663096	-31.349819	
0.50000	-0.254554	-58.216765	-0.756002
-0.001250	-0.069836	-36.085552	
0.75000	-0.254554	-34.118076	-0.756002
-0.001250	-0.739119	-40.983329	
1.00000	-0.254554	-12.768460	-0.756002
-0.001250	-1.422790	-70.778879	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4905

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 479 ========== LENGTH = 4.943558

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066212	0.128581	0.039979
3.78E-07	0.091748	0.682561	
0.25000	0.066212	0.150343	0.039979
3.78E-07	0.042338	0.740564	
0.50000	0.066212	0.181643	0.039979
3.78E-07	0.002157	0.781041	
0.75000	0.066212	0.211810	0.039979
3.78E-07	0.032516	0.781992	
1.00000	0.066212	0.242243	0.039979
3.78E-07	0.062945	0.794709	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070842	-0.333377	-0.024632
-0.000636	-0.058785	-1.499766	
0.25000	-0.070842	-0.297846	-0.024632
-0.000636	-0.028342	-1.556521	
0.50000	-0.070842	-0.270661	-0.024632
-0.000636	-0.007232	-1.676186	
0.75000	-0.070842	-0.238429	-0.024632
-0.000636	-0.056485	-1.799350	
1.00000	-0.070842	-0.213612	-0.024632
-0.000636	-0.105903	-1.970843	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090338	0.515517	0.077710
3.78E-07	0.179922	1.683500	
0.25000	0.090338	1.124855	0.077710
3.78E-07	0.084399	3.102356	
0.50000	0.090338	2.001260	0.077710
3.78E-07	0.005125	3.945426	
0.75000	0.090338	2.845949	0.077710
3.78E-07	0.055365	3.574599	
1.00000	0.090338	3.698061	0.077710
3.78E-07	0.107124	2.424242	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123293	-4.180369	-0.041874
-0.001177	-0.099774	-5.197572	
0.25000	-0.123299	-3.185489	-0.041874
-0.001177	-0.047969	-3.758797	
0.50000	-0.123299	-2.424315	-0.041874
-0.001177	-0.014206	-4.032411	
0.75000	-0.123293	-1.521816	-0.041874
-0.001177	-0.108329	-4.357022	
1.00000	-0.123299	-0.826935	-0.041874
-0.001177	-0.204240	-5.966360	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.110885	0.223402	0.133077
3.40E-07	0.313938	1.756656	
0.25000	0.110885	0.242988	0.133077
3.40E-07	0.149411	2.061709	
0.50000	0.110885	0.271158	0.133077
3.40E-07	0.007705	2.568264	
0.75000	0.110885	0.298309	0.133077
3.40E-07	0.078348	3.311471	
1.00000	0.110885	0.325698	0.133077
3.40E-07	0.154950	4.365169	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.108643	-1.293506	-0.064471
-0.001444	-0.163758	-5.169856	
0.25000	-0.108643	-1.261528	-0.064471
-0.001444	-0.083987	-5.196743	
0.50000	-0.108643	-1.237062	-0.064471
-0.001444	-0.017629	-5.282409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4906

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.108643	-1.208053	-0.064471
-0.001444	-0.157554	-5.372138	
1.00000	-0.108643	-1.185717	-0.064471
-0.001444	-0.343925	-5.505331	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.135201	6.757844	0.216287
0.000391	0.504293	10.722508	
0.25000	0.135201	18.297180	0.216287
0.000391	0.248297	37.786964	
0.50000	0.135201	34.894093	0.216287
0.000391	0.030231	54.005750	
0.75000	0.135201	50.993191	0.216287
0.000391	0.154491	43.576437	
1.00000	0.135201	67.027256	0.216287
0.000391	0.310640	12.548299	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123791	-68.657904	-0.128705
-0.001196	-0.325614	-45.353954	
0.25000	-0.123791	-49.817363	-0.128705
-0.001196	-0.166504	-15.759644	
0.50000	-0.123791	-35.402632	-0.128705
-0.001196	-0.038351	-18.544690	
0.75000	-0.123791	-18.311561	-0.128705
-0.001196	-0.297720	-22.246768	
1.00000	-0.123791	-5.152254	-0.128705
-0.001196	-0.564926	-50.242516	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031296	0.083285	0.050229
4.16E-06	0.119308	0.697892	
0.25000	0.031296	0.105047	0.050229
4.16E-06	0.057247	0.752329	
0.50000	0.031296	0.136347	0.050229
4.16E-06	0.002952	0.930414	
0.75000	0.031296	0.166514	0.050229
4.16E-06	0.030421	1.323385	
1.00000	0.031296	0.196947	0.050229
4.16E-06	0.058846	1.865910	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047845	-0.674236	-0.022976
-0.000597	-0.056433	-0.720842	
0.25000	-0.047845	-0.638704	-0.022976
-0.000597	-0.026172	-2.251900	
0.50000	-0.047845	-0.611520	-0.022976
-0.000597	-0.006929	-2.245592	
0.75000	-0.047845	-0.579288	-0.022976
-0.000597	-0.066967	-2.241901	
1.00000	-0.047845	-0.554470	-0.022976
-0.000597	-0.129010	-2.284768	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069491	8.947748	0.147237
3.78E-07	0.335414	12.826680	
0.25000	0.069491	24.747008	0.147237
3.78E-07	0.168974	49.819074	
0.50000	0.069491	47.470929	0.147237
3.78E-07	0.036446	71.776982	
0.75000	0.069491	69.172508	0.147237
3.78E-07	0.181948	57.042426	
1.00000	0.069491	91.466546	0.147237
3.78E-07	0.165322	13.854190	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.045040	-93.088496	-0.070666
-0.000829	-0.184045	-58.229023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4907

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.045040	-67.292678	-0.070666
-0.000829	-0.096650	-17.617576	
0.50000	-0.045040	-47.556526	-0.070666
-0.000829	-0.038451	-21.336928	
0.75000	-0.045040	-24.156022	-0.070666
-0.000829	-0.210559	-26.309681	
1.00000	-0.045040	-6.138753	-0.070666
-0.000829	-0.392467	-64.543169	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097298	8.145552	0.164986
3.40E-07	0.376683	12.119859	
0.25000	0.097298	22.423644	0.164986
3.40E-07	0.186803	45.551804	
0.50000	0.097298	42.959683	0.164986
3.40E-07	0.034578	65.408047	
0.75000	0.097298	62.752556	0.164986
3.40E-07	0.095469	52.088968	
1.00000	0.097298	82.719358	0.164986
3.40E-07	0.189856	13.159951	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088012	-84.303611	-0.079561
-0.001253	-0.203329	-53.887511	
0.25000	-0.088012	-60.991440	-0.079561
-0.001253	-0.104904	-17.256543	
0.50000	-0.088012	-43.155504	-0.079561
-0.001253	-0.040563	-20.689273	
0.75000	-0.088012	-22.008024	-0.079561
-0.001253	-0.235155	-25.254676	
1.00000	-0.088012	-5.725475	-0.079561
-0.001253	-0.439026	-59.878904	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.129177	5.488769	0.253305
0.000680	0.598512	9.084973	
0.25000	0.129177	14.857339	0.253305
0.000680	0.294766	31.221394	
0.50000	0.129177	28.332060	0.253305
0.000680	0.026016	44.632972	
0.75000	0.129177	41.319154	0.253305
0.000680	0.191714	36.513274	
1.00000	0.129177	54.420370	0.253305
0.000680	0.386360	11.812704	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.119900	-56.181056	-0.159924
-0.001050	-0.404148	-38.529283	
0.25000	-0.119900	-40.884776	-0.159924
-0.001050	-0.206412	-14.454998	
0.50000	-0.119900	-29.181727	-0.159924
-0.001050	-0.035293	-16.669100	
0.75000	-0.119900	-15.305808	-0.159924
-0.001050	-0.340923	-19.626630	
1.00000	-0.119900	-4.622014	-0.159924
-0.001050	-0.653934	-42.307593	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075261	0.103620	0.195532
0.001113	0.476455	0.872665	
0.25000	0.075261	0.125382	0.195532
0.001113	0.234885	0.985366	
0.50000	0.075261	0.156682	0.195532
0.001113	0.002678	1.522347	
0.75000	0.075261	0.186850	0.195532
0.001113	0.188003	2.204206	
1.00000	0.075261	0.217282	0.195532
0.001113	0.380772	2.938713	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4908

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066603	-0.897412	-0.155976
-1.13E-05	-0.390316	-3.412994	
0.25000	-0.066603	-0.861881	-0.155976
-1.13E-05	-0.197588	-3.292634	
0.50000	-0.066603	-0.834696	-0.155976
-1.13E-05	-0.008643	-3.233332	
0.75000	-0.066603	-0.802464	-0.155976
-1.13E-05	-0.248699	-3.175756	
1.00000	-0.066603	-0.777647	-0.155976
-1.13E-05	-0.490186	-3.164002	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118330	10.944779	0.300997
0.001236	0.709909	15.692041	
0.25000	0.118330	30.182446	0.300997
0.001236	0.356847	60.632329	
0.50000	0.118330	57.851793	0.300997
0.001236	0.041527	87.378556	
0.75000	0.118330	84.519832	0.300997
0.001236	0.263600	69.401615	
1.00000	0.118330	111.422214	0.300997
0.001236	0.536948	16.638298	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085594	-113.263646	-0.221173
-0.000122	-0.556433	-70.740807	
0.25000	-0.085594	-81.853862	-0.221173
-0.000122	-0.283098	-21.254521	
0.50000	-0.085594	-57.822514	-0.221173
-0.000122	-0.045269	-25.744007	
0.75000	-0.085594	-29.329338	-0.221173
-0.000122	-0.406416	-31.758894	
1.00000	-0.085594	-7.399656	-0.221173
-0.000122	-0.778285	-78.271672	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131404	7.552144	0.316645
0.001126	0.752634	11.468775	
0.25000	0.131404	20.753013	0.316645
0.001126	0.374287	42.613305	
0.50000	0.131404	39.739694	0.316645
0.001126	0.033002	61.519630	
0.75000	0.131404	58.039278	0.316645
0.001126	0.255651	49.940023	
1.00000	0.131404	76.499668	0.316645
0.001126	0.516734	14.611276	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091122	-78.535535	-0.214753
-0.000571	-0.544917	-51.849925	
0.25000	-0.091122	-56.982170	-0.214753
-0.000571	-0.279540	-17.844808	
0.50000	-0.091122	-40.491881	-0.214753
-0.000571	-0.039937	-20.179410	
0.75000	-0.091122	-20.939889	-0.214753
-0.000571	-0.421720	-24.961069	
1.00000	-0.091122	-5.885791	-0.214753
-0.000571	-0.812937	-56.833152	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132239	6.295806	0.293052
0.000938	0.695261	9.959276	
0.25000	0.132239	17.214923	0.293052
0.000938	0.343860	35.740068	
0.50000	0.132239	32.919781	0.293052
0.000938	0.028727	51.381507	
0.75000	0.132239	48.056307	0.293052
0.000938	0.231847	41.861195	
1.00000	0.132239	63.325843	0.293052
0.000938	0.467774	12.894736	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4909

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.118508	-65.223386	-0.193348
-0.000924	-0.487990	-44.170062	
0.25000	-0.118508	-47.395491	-0.193348
-0.000924	-0.248988	-16.077518	
0.50000	-0.118508	-33.755526	-0.193348
-0.000924	-0.038127	-18.622813	
0.75000	-0.118508	-17.583070	-0.193348
-0.000924	-0.331648	-22.034584	
1.00000	-0.118508	-5.131053	-0.193348
-0.000924	-0.753691	-48.433534	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.161792	0.224893	0.054610
2.30E-07	0.126329	1.480214	
0.25000	0.161792	0.231694	0.054610
2.30E-07	0.058630	1.470519	
0.50000	0.161792	0.250738	0.054610
2.30E-07	0.004887	1.483651	
0.75000	0.161792	0.272013	0.054610
2.30E-07	0.056123	1.513722	
1.00000	0.161792	0.290844	0.054610
2.30E-07	0.110292	1.577850	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083901	-0.325409	-0.043744

```
-0.000646   -0.104683   -2.616827
 0.25000    -0.083901   -0.308012   -0.043744
-0.000646   -0.049641   -2.536553
 0.50000    -0.083901   -0.267060   -0.043744
-0.000646   -0.010732   -2.527596
 0.75000    -0.083901   -0.267327   -0.043744
-0.000646   -0.075643   -2.564306
 1.00000    -0.083901   -0.256173   -0.043744
-0.000646   -0.143489   -2.683705

COMB DL-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.177110    0.545110    0.114280
2.30E-07    0.266525    2.877209
 0.25000    0.177110    0.742335    0.114280
2.30E-07    0.125375    3.433110
 0.50000    0.177110    1.294610    0.114280
2.30E-07    0.009459    3.909444
 0.75000    0.177110    1.911599    0.114280
2.30E-07    0.094721    3.791764
 1.00000    0.177110    2.457698    0.114280
2.30E-07    0.186154    3.443821

COMB DL-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.204492   -2.848041   -0.074074
-0.001184   -0.178140   -7.198079
 0.25000   -0.204492   -2.343501   -0.074074
-0.001184   -0.085219   -5.914274
 0.50000   -0.204492   -1.735898   -0.074074
-0.001184   -0.021101   -5.692469
 0.75000   -0.204492   -1.163658   -0.074074
-0.001184   -0.156565   -5.631248
 1.00000   -0.204492   -0.840193   -0.074074
-0.001184   -0.298142   -6.369986

COMB DL-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.189319    0.394602    0.192768
6.63E-06    0.458384    4.199249
 0.25000    0.189319    0.400723    0.192768
6.63E-06    0.219593    4.131836
 0.50000    0.189319    0.417863    0.192768
6.63E-06    0.013826    4.316522
 0.75000    0.189319    0.437010    0.192768
6.63E-06    0.156708    4.857675
 1.00000    0.189319    0.453858    0.192768
6.63E-06    0.317471    5.619556
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4910

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.174972   -1.416440   -0.129995
-0.001357   -0.322574   -10.473183
 0.25000   -0.174972   -1.400782   -0.129995
-0.001357   -0.160098   -9.505653
 0.50000   -0.174972   -1.384925   -0.129995
-0.001357   -0.029650   -8.786691
 0.75000   -0.174972   -1.364166   -0.129995
-0.001357   -0.255393   -8.252852
 1.00000   -0.174972   -1.354128   -0.129995
-0.001357   -0.494347   -7.932004

COMB DL-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.248264    5.995198    0.300081
0.000380    0.715446    9.926878
 0.25000    0.248264    10.754115    0.300081
 0.000380    0.352883    24.840964
 0.50000    0.248264    24.080126    0.300081
 0.000380    0.032895    35.892632
 0.75000    0.248264    38.967640    0.300081
 0.000380    0.278566    27.793198
 1.00000    0.248264    52.144627    0.300081
 0.000380    0.554983    11.104630

COMB DL-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.177118   -53.272015   -0.227192
-0.001125   -0.566788   -39.164852
 0.25000   -0.177118   -41.097812   -0.227192
-0.001125   -0.285398   -17.766961
 0.50000   -0.177118   -26.436779   -0.227192
-0.001125   -0.046001   -19.015503
 0.75000   -0.177118   -12.629017   -0.227192
-0.001125   -0.398809   -20.910845
 1.00000   -0.177118   -4.824022   -0.227192
-0.001125   -0.769164   -39.427243

COMB DL-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.025464    0.124106    0.076367
2.30E-06    0.182127    1.473482
 0.25000    0.025464    0.130907    0.076367
2.30E-06    0.087765    1.467392
 0.50000    0.025464    0.149951    0.076367
2.30E-06    0.005190    1.597609
 0.75000    0.025464    0.171226    0.076367
2.30E-06    0.051376    1.848769
 1.00000    0.025464    0.190057    0.076367
2.30E-06    0.103752    2.190719

COMB DL-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.124040   -0.700798   -0.042269
-0.000558   -0.104288   -4.641524
 0.25000   -0.124040   -0.683400   -0.042269
-0.000558   -0.051516   -4.087092
 0.50000   -0.124040   -0.662449   -0.042269
-0.000558   -0.011786   -3.681100
 0.75000   -0.124040   -0.642716   -0.042269
-0.000558   -0.100918   -3.379132
 1.00000   -0.124040   -0.631562   -0.042269
-0.000558   -0.195310   -3.163612

COMB DL-G2-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.093567    8.559161    0.202529
2.30E-07    0.478763    10.677652
 0.25000    0.093567    15.802100    0.202529
 2.30E-07    0.241449    33.644582
 0.50000    0.093567    36.083917    0.202529
 2.30E-07    0.037998    50.458218
 0.75000    0.093567    58.742298    0.202529
 2.30E-07    0.167881    37.595639
 1.00000    0.093567    78.797305    0.202529
 2.30E-07    0.328348    11.422546
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4911

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.098850   -79.741588   -0.136144
-0.000722   -0.345240   -49.987996
 0.25000   -0.098850   -61.212792   -0.136144
-0.000722   -0.178012   -18.225205
 0.50000   -0.098850   -38.899107   -0.136144
-0.000722   -0.042448   -20.716358
 0.75000   -0.098850   -17.884078   -0.136144
-0.000722   -0.275866   -24.060248
 1.00000   -0.098850   -6.005094   -0.136144
-0.000722   -0.524790   -52.497739

COMB DL-G2-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.151716    7.875934    0.229343
2.07E-07    0.539771    10.761275
 0.25000    0.151716    14.431302    0.229343
 2.07E-07    0.267742    31.534743
 0.50000    0.151716    32.787775    0.229343
 2.07E-07    0.038038    46.778665
 0.75000    0.151716    53.295205    0.229343
 2.07E-07    0.189647    35.176658
 1.00000    0.151716    71.446399    0.229343
 2.07E-07    0.370522    11.613233

COMB DL-G2-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.159197   -72.403920   -0.152174
-0.001152   -0.381206   -47.689878
 0.25000   -0.159197   -55.634054   -0.152174
-0.001152   -0.193699   -18.891006
 0.50000   -0.159197   -35.438597   -0.152174
-0.001152   -0.047145   -21.132408
 0.75000   -0.159197   -16.418516   -0.152174
-0.001152   -0.313113   -24.175639
 1.00000   -0.159197   -5.667199   -0.152174
-0.001152   -0.595820   -49.960549

COMB DL-G2-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.203176    4.990179    0.354067
0.000663    0.850400    9.161302
 0.25000    0.203176    8.943191    0.354067
0.000663    0.419523    21.552233
 0.50000    0.203176    20.012993    0.354067
 0.000663    0.029904    30.842993
 0.75000    0.203176    32.378863    0.354067
 0.000663    0.331948    24.318309
 1.00000    0.203176    43.324377    0.354067
 0.000663    0.664405    10.749440

COMB DL-G2-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.181318   -44.690114   -0.272298
-0.000965   -0.680055   -35.929218
 0.25000   -0.181318   -34.577567   -0.272298
-0.000965   -0.343117   -17.799654
 0.50000   -0.181318   -22.399323   -0.272298
-0.000965   -0.044912   -18.550048
 0.75000   -0.181318   -10.929853   -0.272298
-0.000965   -0.463687   -19.881413
 1.00000   -0.181318   -4.446605   -0.272298
-0.000965   -0.901016   -35.045345

COMB DL-G3-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.105817    0.136525    0.272607
0.001157    0.666444    1.993563
 0.25000    0.105817    0.143325    0.272607
0.001157    0.329569    2.074200
 0.50000    0.105817    0.162369    0.272607
0.001157    0.004906    2.286865
 0.75000    0.105817    0.183645    0.272607
0.001157    0.290542    2.654957
 1.00000    0.105817    0.202476    0.272607
0.001157    0.586954    3.130666
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4912

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.091938   -0.949686   -0.239611
-9.13E-06   -0.596496   -6.844865
 0.25000   -0.091938   -0.932288   -0.239611
-9.13E-06   -0.299815   -6.080108
 0.50000   -0.091938   -0.915936   -0.239611
-9.13E-06   -0.014245   -5.467224
 0.75000   -0.091938   -0.891603   -0.239611
-9.13E-06   -0.344216   -4.955350
 1.00000   -0.091938   -0.880449   -0.239611
-9.13E-06   -0.681178   -4.562447

COMB DL-G3-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.209065    12.139126    0.412526
0.001246    0.992390    14.176920
 0.25000    0.209065    22.422059    0.412526
0.001246    0.501358    46.759326
 0.50000    0.209065    51.216527    0.412526
0.001246    0.047547    70.543720
 0.75000    0.209065    83.385045    0.412526
0.001246    0.433858    52.103030
 1.00000    0.209065    111.857505    0.412526
0.001246    0.857913    14.699213

COMB DL-G3-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.104676   -112.851259   -0.350798
-8.36E-05   -0.877706   -68.423764
 0.25000   -0.104676   -86.545587   -0.350798
-8.36E-05   -0.446014   -23.661703
 0.50000   -0.104676   -54.866440   -0.350798
-8.36E-05   -0.051586   -27.442618
 0.75000   -0.104676   -25.031019   -0.350798
-8.36E-05   -0.542368   -32.343175
 1.00000   -0.104676   -8.166208   -0.350798
-8.36E-05   -1.050092   -72.800809

COMB DL-G3-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.189194    8.824198    0.438863
0.001133    1.058510    12.192148
 0.25000    0.189194    16.236479    0.438863
 0.001133    0.529492    35.764206
 0.50000    0.189194    36.992491    0.438863
 0.001133    0.041232    53.145746
 0.75000    0.189194    60.180631    0.438863
 0.001133    0.433869    40.225325
 1.00000    0.189194    80.704530    0.438863
 0.001133    0.864757    13.759612

COMB DL-G3-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.131593   -82.179894   -0.355014
-0.000455   -0.890603   -55.730993
 0.25000   -0.131593   -63.217889   -0.355014
-0.000455   -0.452639   -22.754123
 0.50000   -0.131593   -40.382504   -0.355014
-0.000455   -0.052128   -24.680374
 0.75000   -0.131593   -18.876138   -0.355014
-0.000455   -0.572167   -27.938353
 1.00000   -0.131593   -6.719420   -0.355014
-0.000455   -1.113115   -56.733217

COMB DL-G3-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.191643    7.417828    0.410170
 0.000944    0.489838    30.637904
 0.50000    0.191643    30.794487    0.410170
 0.000944    0.037283    45.072802
 0.75000    0.191643    50.038155    0.410170
 0.000944    0.392536    34.453936
 1.00000    0.191643    67.070787    0.410170
 0.000944    0.781290    12.675976
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4913

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.200815   -68.496116   -0.319937
-0.000831   -0.799495   -48.832324
 0.25000   -0.200815   -52.759687   -0.319937
-0.000831   -0.404531   -21.266718
 0.50000   -0.200815   -33.808768   -0.319937
-0.000831   -0.051144   -22.904078
 0.75000   -0.200815   -15.960793   -0.319937
-0.000831   -0.537774   -25.359007
 1.00000   -0.200815   -5.872022   -0.319937
-0.000831   -1.043663   -49.237935

COMB     DB ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.135201    10.944779    0.316645
0.001236    0.752634    15.692041
 0.25000    0.135201    30.182446    0.316645
0.001236    0.374287    60.632329
 0.50000    0.135201    57.851793    0.316645
0.001236    0.041527    87.378556
 0.75000    0.135201    84.519832    0.316645
0.001236    0.263600    69.401615
 1.00000    0.135201    111.422214    0.316645
0.001236    0.536948    16.638298

COMB     DB ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.123791   -113.263646   -0.221173
-0.001444   -0.556433   -70.740607
 0.25000   -0.123791   -81.853862   -0.221173
-0.001444   -0.283098   -21.254521
 0.50000   -0.123791   -57.822514   -0.221173
-0.001444   -0.045269   -25.744007
 0.75000   -0.123791   -29.329338   -0.221173
-0.001444   -0.421720   -31.758894
 1.00000   -0.123791   -7.390956   -0.221173
-0.001444   -0.812937   -78.271672

COMB     DL ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.248264    12.139126    0.438863
0.001246    1.058510    14.176920
 0.25000    0.248264    22.422059    0.438863
0.001246    0.529492    46.759326
 0.50000    0.248264    51.216527    0.438863
0.001246    0.047547    70.543720
 0.75000    0.248264    83.385045    0.438863
0.001246    0.433869    52.103030
 1.00000    0.248264    111.857505    0.438863
0.001246    0.864757    14.699213

COMB     DL ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.204492   -112.851259   -0.355014
-0.001357   -0.890603   -68.423764
 0.25000   -0.204492   -86.545587   -0.355014
-0.001357   -0.452639   -23.661703
 0.50000   -0.204492   -54.866440   -0.355014
-0.001357   -0.052128   -27.442618
 0.75000   -0.204492   -25.031019   -0.355014
-0.001357   -0.572167   -32.343175
 1.00000   -0.204492   -8.166208   -0.355014
-0.001357   -1.113115   -72.800809

COMB     CAR ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.248264    12.139126    0.438863
0.001246    1.058510    15.692041
 0.25000    0.248264    30.182446    0.438863
 0.001246    0.529492    60.632329
 0.50000    0.248264    57.851793    0.438863
 0.001246    0.047547    87.378556
 0.75000    0.248264    84.519832    0.438863
 0.001246    0.433869    69.401615
 1.00000    0.248264    111.857505    0.438863
 0.001246    0.864757    16.638298
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4914

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB     CAR ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.204492   -113.263646   -0.355014
-0.001444   -0.890603   -70.740607
 0.25000   -0.204492   -86.545587   -0.355014
-0.001444   -0.452639   -23.661703
 0.50000   -0.204492   -57.822514   -0.355014
-0.001444   -0.052128   -27.442618
 0.75000   -0.204492   -29.329338   -0.355014
-0.001444   -0.572167   -32.343175
 1.00000   -0.204492   -8.166208   -0.355014
-0.001444   -1.113115   -78.271672

COMB  DESIGN ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.248264    12.139126    0.438863
0.001246    1.058510    15.692041
 0.25000    0.248264    30.182446    0.438863
 0.001246    0.529492    60.632329
 0.50000    0.248264    57.851793    0.438863
 0.001246    0.047547    87.378556
 0.75000    0.248264    84.519832    0.438863
 0.001246    0.433869    69.401615
 1.00000    0.248264    111.857505    0.438863
 0.001246    0.864757    16.638298

COMB  DESIGN ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.204492   -113.263646   -0.355014
-0.001444   -0.890603   -70.740607
 0.25000   -0.204492   -86.545587   -0.355014
-0.001444   -0.452639   -23.661703
 0.50000   -0.204492   -57.822514   -0.355014
-0.001444   -0.052128   -27.442618
 0.75000   -0.204492   -29.329338   -0.355014
-0.001444   -0.572167   -32.343175
 1.00000   -0.204492   -8.166208   -0.355014
-0.001444   -1.113115   -78.271672

ELEM      480 ================== LENGTH
=     4.942352

COMB DB-G1-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.090057    0.105485    0.060853
4.52E-07    0.143527    0.794518
 0.25000    0.090057    0.129158    0.060853
4.52E-07    0.068346    1.055693
 0.50000    0.090057    0.160548    0.060853
4.52E-07    0.004627    1.313046
 0.75000    0.090057    0.190018    0.060853
4.52E-07    0.046340    1.541126
 1.00000    0.090057    0.220793    0.060853
4.52E-07    0.088494    1.747691

COMB DB-G1-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.100360   -0.372562   -0.034103
-0.000655   -0.080078   -1.980708
 0.25000   -0.100360   -0.341406   -0.034103
-0.000655   -0.037990   -1.909669
 0.50000   -0.100360   -0.311986   -0.034103
-0.000655   -0.006779   -1.893220
 0.75000   -0.100360   -0.280533   -0.034103
-0.000655   -0.082057   -1.877814
 1.00000   -0.100360   -0.256587   -0.034103
-0.000655   -0.157258   -1.916409

COMB DB-G1-2 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.160081    0.502325    0.107700
1.90E-06    0.255928    2.421473
 0.25000    0.160081    1.165165    0.107700
1.90E-06    0.123545    4.261501
 0.50000    0.160081    2.044076    0.107700
1.90E-06    0.011728    5.453384
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4915

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.75000    0.160081    2.869225    0.107700
1.90E-06    0.078844    5.349636
 1.00000    0.160081    3.730941    0.107700
1.90E-06    0.148571    4.305475

COMB DB-G1-2 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.158009   -4.160062   -0.056452
-0.001185   -0.131946   -5.980913
 0.25000   -0.158009   -3.287688   -0.056452
-0.001185   -0.063413   -4.405373
 0.50000   -0.158009   -2.463945   -0.056452
-0.001185   -0.013292   -4.348399
 0.75000   -0.158009   -1.583240   -0.056452
-0.001185   -0.144098   -4.310325
 1.00000   -0.158009   -0.912754   -0.056452
-0.001185   -0.277157   -5.753455

COMB DB-G1-3 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.181966    0.297098    0.161648
4.07E-07    0.393507    4.368857
 0.25000    0.181966    0.318403    0.161648
4.07E-07    0.193834    4.782108
 0.50000    0.181966    0.346654    0.161648
4.07E-07    0.018547    5.412422
 0.75000    0.181966    0.373176    0.161648
4.07E-07    0.099293    6.302215
 1.00000    0.181966    0.400874    0.161648
4.07E-07    0.191834    7.354002

COMB DB-G1-3 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.131019   -1.195435   -0.074863
-0.001382   -0.178350   -5.511471
 0.25000   -0.131019   -1.167394   -0.074863
-0.001382   -0.086504   -5.317792
 0.50000   -0.131019   -1.140917   -0.074863
-0.001382   -0.016882   -5.172924
 0.75000   -0.131019   -1.112608   -0.074863
-0.001382   -0.205939   -5.102331
 1.00000   -0.131019   -1.091057   -0.074863
-0.001382   -0.405583   -4.934259

COMB DB-G1-4 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.193485    6.471232    0.241953
0.000432    0.594924    12.547739
 0.25000    0.193485    19.023776    0.241953
 0.000432    0.304021    43.623890
 0.50000    0.193485    35.668146    0.241953
 0.000432    0.047776    59.067419
 0.75000    0.193485    51.294413    0.241953
 0.000432    0.158499    47.401538
 1.00000    0.193485    67.613148    0.241953
 0.000432    0.316890    16.108506

COMB DB-G1-4 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.173504   -68.697986   -0.128162
-0.001147   -0.316696   -50.222111
 0.25000   -0.173504   -52.177395   -0.128162
-0.001147   -0.161505   -21.370028
 0.50000   -0.173504   -36.577765   -0.128162
-0.001147   -0.041968   -21.275606
 0.75000   -0.173504   -19.899403   -0.128162
-0.001147   -0.315138   -21.525838
 1.00000   -0.173504   -7.202076   -0.128162
-0.001147   -0.613988   -49.806686

COMB DB-G2-1 ------------------- MAX

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000    0.071448    0.106699    0.055838
4.44E-06    0.137790    1.865026
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<                MOVING                LOAD                >
                                        4916

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

 REL DIST          P          V2          V3
        T         M2          M3
 0.25000    0.071448    0.130372    0.055838
4.44E-06    0.068851    2.037108
 0.50000    0.071448    0.161762    0.055838
4.44E-06    0.008350    2.311032
 0.75000    0.071448    0.191231    0.055838
4.44E-06    0.035008    2.677974
 1.00000    0.071448    0.222007    0.055838
4.44E-06    0.067701    3.087476

COMB DB-G2-1 ------------------- MIN

 REL DIST          P          V2          V3
        T         M2          M3
 0.00000   -0.054182   -0.589417   -0.026464
-0.000563   -0.063456   -2.286729
 0.25000   -0.054182   -0.558260   -0.026464
-0.000563   -0.031602   -2.161491
 0.50000   -0.054182   -0.528841   -0.026464
-0.000563   -0.006335   -2.090489
 0.75000   -0.054182   -0.497387   -0.026464
-0.000563   -0.069369   -2.020197
 1.00000   -0.054182   -0.473441   -0.026464
-0.000563   -0.138347   -2.002907

COMB DB-G2-2 ------------------- MAX
```

REL DIST P V2 V3
T M2 M3
0.00000 0.112675 8.532954 0.156601
3.92E-05 0.387430 13.870187
0.25000 0.112675 25.719464 0.156601
3.92E-05 0.204832 56.064690
0.50000 0.112675 48.508361 0.156601
3.92E-05 0.051323 76.703187
0.75000 0.112675 69.903306 0.156601
3.92E-05 0.080465 60.065660
1.00000 0.112675 92.246355 0.156601
3.92E-05 0.161389 16.366808

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.052179 -93.161749 -0.065475
-0.000744 -0.162442 -64.522662
0.25000 -0.052179 -70.542326 -0.065475
-0.000744 -0.085892 -25.133604
0.50000 -0.052179 -49.183850 -0.065475
-0.000744 -0.043780 -25.118299
0.75000 -0.052179 -26.348413 -0.065475
-0.000744 -0.210728 -25.574039
1.00000 -0.052179 -8.963670 -0.065475
-0.000744 -0.404137 -64.407306

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.174864 7.782417 0.188563
3.55E-05 0.461300 13.172644
0.25000 0.174864 23.314193 0.188563
3.55E-05 0.238163 51.503049
0.50000 0.174864 43.908952 0.188563
3.55E-05 0.050414 70.350591
0.75000 0.174864 63.244971 0.188563
3.55E-05 0.106022 55.518319
1.00000 0.174864 83.435809 0.188563
3.55E-05 0.208526 16.238260

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.104029 -84.390572 -0.082963
-0.001191 -0.201689 -59.868300
0.25000 -0.104029 -63.948969 -0.082963
-0.001191 -0.102957 -24.250725
0.50000 -0.104029 -44.646909 -0.082963
-0.001191 -0.044832 -24.216027
0.75000 -0.104029 -24.010091 -0.082963
-0.001191 -0.253617 -24.607822
1.00000 -0.104029 -8.299168 -0.082963
-0.001191 -0.486555 -59.682301
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4917

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.188109 5.319620 0.272830
0.000719 0.675366 11.795867
0.25000 0.188109 15.510794 0.272830
0.000719 0.344871 37.124850
0.50000 0.188109 29.024045 0.272830
0.000719 0.045270 49.832554
0.75000 0.188109 41.710717 0.272830
0.000719 0.188008 40.661573
1.00000 0.188109 54.959591 0.272830
0.000719 0.378504 15.635755

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.171869 -56.155278 -0.154149
-0.000997 -0.383473 -42.276673
0.25000 -0.171869 -42.742521 -0.154149
-0.000997 -0.195597 -18.778206
0.50000 -0.171869 -30.077474 -0.154149
-0.000997 -0.038079 -18.627470
0.75000 -0.171869 -16.536626 -0.154149
-0.000997 -0.256935 -18.756721
1.00000 -0.171869 -6.227905 -0.154149
-0.000997 -0.663819 -41.643054

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.065844 0.122032 0.195157
0.001108 0.490155 2.886196
0.25000 0.065844 0.145705 0.195157
0.001108 0.249295 3.191752
0.50000 0.065844 0.177095 0.195157
0.001108 0.013357 3.622290
0.75000 0.065844 0.206565 0.195157
0.001108 0.168829 4.191122
1.00000 0.065844 0.237340 0.195157
0.001108 0.345974 4.822144

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.131888 -0.827812 -0.143369
-8.71E-06 -0.362618 -3.125753
0.25000 -0.131888 -0.796656 -0.143369
-8.71E-06 -0.185526 -2.926014
0.50000 -0.131888 -0.767237 -0.143369
-8.71E-06 -0.008694 -2.780511
0.75000 -0.131888 -0.735783 -0.143369
-8.71E-06 -0.233814 -2.635657
1.00000 -0.131888 -0.711837 -0.143369
-8.71E-06 -0.474832 -2.543684

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.112902 10.373801 0.304271
0.001341 0.760030 16.599096
0.25000 0.112902 31.300626 0.304271
0.001341 0.397660 68.077166
0.50000 0.112902 59.049090 0.304271
0.001341 0.061810 93.242899
0.75000 0.112902 85.100235 0.304271
0.001341 0.228798 72.946853
1.00000 0.112902 112.305822 0.304271
0.001341 0.472070 19.667624

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.175728 -113.420999 -0.196881
-8.91E-05 -0.501011 -78.206269
0.25000 -0.175728 -85.878891 -0.196881
-8.91E-05 -0.262200 -30.213890
0.50000 -0.175728 -59.872152 -0.196881
-8.91E-05 -0.052332 -30.164207
0.75000 -0.175728 -32.067020 -0.196881
-8.91E-05 -0.389639 -30.688154
1.00000 -0.175728 -10.898821 -0.196881
-8.91E-05 -0.765507 -77.941825
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4918

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.146161 7.227878 0.321833
0.001162 0.804883 14.575226
0.25000 0.146161 21.587846 0.321833
0.001162 0.416610 50.090283
0.50000 0.146161 40.628817 0.321833
0.001162 0.055088 67.720802
0.75000 0.146161 58.505090 0.321833
0.001162 0.231938 54.377875
1.00000 0.146161 77.173538 0.321833
0.001162 0.474416 18.532353

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.160852 -78.535564 -0.196265
-0.000496 -0.495462 -56.774805
0.25000 -0.160852 -59.636195 -0.196265
-0.000496 -0.256078 -23.716879
0.50000 -0.160852 -41.790394 -0.196265
-0.000496 -0.044663 -23.557188
0.75000 -0.160852 -22.710537 -0.196265
-0.000496 -0.403394 -23.791072
1.00000 -0.160852 -8.184938 -0.196265
-0.000496 -0.800909 -56.090766

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.183755 6.045611 0.307802
0.000968 0.764972 12.862252
0.25000 0.183755 17.923478 0.307802
0.000968 0.392450 42.340797
0.50000 0.183755 33.673243 0.307802
0.000968 0.049710 57.085507
0.75000 0.183755 48.459625 0.307802
0.000968 0.220233 46.268292
1.00000 0.183755 63.901258 0.307802
0.000968 0.445422 16.886796

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.180443 -65.203164 -0.182234
-0.000864 -0.455418 -48.390972
0.25000 -0.180443 -49.570526 -0.182234
-0.000864 -0.233281 -21.018071
0.50000 -0.180443 -34.809348 -0.182234
-0.000864 -0.041440 -20.857147
0.75000 -0.180443 -19.027419 -0.182234
-0.000864 -0.388759 -21.022121
1.00000 -0.180443 -7.013593 -0.182234
-0.000864 -0.768936 -47.710431

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.211195 0.155868 0.080312
2.70E-07 0.190468 1.581981
0.25000 0.211195 0.163823 0.080312
2.70E-07 0.091344 1.733579
0.50000 0.211195 0.183010 0.080312
2.70E-07 0.006503 1.921258
0.75000 0.211195 0.203933 0.080312
2.70E-07 0.072820 2.177177
1.00000 0.211195 0.222301 0.080312
2.70E-07 0.140158 2.460501

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.122510 -0.397080 -0.054763
-0.000657 -0.129886 -2.695878
0.25000 -0.122510 -0.378805 -0.054763
-0.000657 -0.062283 -2.591299
0.50000 -0.122510 -0.357898 -0.054763
-0.000657 -0.011956 -2.557261
0.75000 -0.122510 -0.338658 -0.054763
-0.000657 -0.107846 -2.611098
1.00000 -0.122510 -0.330308 -0.054763
-0.000657 -0.206836 -2.725283
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4919

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.275240 0.524271 0.152405
1.24E-06 0.365558 5.447348
0.25000 0.275240 0.754969 0.152405
1.24E-06 0.177553 4.350904
0.50000 0.275240 1.311390 0.152405
1.24E-06 0.014463 5.089965
0.75000 0.275240 1.918142 0.152405
1.24E-06 0.122908 5.261154
1.00000 0.275240 2.450836 0.152405
1.24E-06 0.236364 5.223910

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.226217 -2.899121 -0.092461
-0.001175 -0.219253 -6.394809
0.25000 -0.226217 -2.369144 -0.092461
-0.001175 -0.105337 -5.352712
0.50000 -0.226217 -1.762846 -0.092461
-0.001175 -0.016635 -5.231320
0.75000 -0.226217 -1.204901 -0.092461
-0.001175 -0.210436 -5.270343
1.00000 -0.226217 -0.962732 -0.092461
-0.001175 -0.388241 -6.186795

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.294232 0.509047 0.224950
6.79E-06 0.551591 5.631210
0.25000 0.294232 0.516207 0.224950
6.79E-06 0.273609 5.821844
0.50000 0.294232 0.533475 0.224950
6.79E-06 0.022236 6.272078
0.75000 0.294232 0.552305 0.224950
6.79E-06 0.167554 7.164377
1.00000 0.294232 0.568837 0.224950
6.79E-06 0.333051 8.285115

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.187604 -1.392437 -0.134406
-0.001288 -0.328702 -7.958430
0.25000 -0.187604 -1.375990 -0.134406
-0.001288 -0.162598 -7.384127
0.50000 -0.187604 -1.357173 -0.134406
-0.001288 -0.022743 -7.045247
0.75000 -0.187604 -1.339858 -0.134406
-0.001288 -0.282497 -6.946121
1.00000 -0.187604 -1.332342 -0.134406
-0.001288 -0.560101 -7.050328

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.328004 5.944190 0.325615
0.000399 0.804210 11.106942
0.25000 0.328004 11.110792 0.325615
0.000399 0.410851 28.500433
0.50000 0.328004 24.936839 0.325615
0.000399 0.045974 39.132389
0.75000 0.328004 39.577346 0.325615
0.000399 0.268563 30.557427
1.00000 0.328004 52.430892 0.325615
0.000399 0.534143 14.640736

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.215001 -53.615218 -0.219583
-0.001069 -0.552606 -39.433628
0.25000 -0.215001 -40.827245 -0.219583
-0.001069 -0.283308 -19.133472
0.50000 -0.215001 -26.197682 -0.219583
-0.001069 -0.039095 -18.848062
0.75000 -0.215001 -12.734860 -0.219583
-0.001069 -0.410402 -18.847888
1.00000 -0.215001 -6.891495 -0.219583
-0.001069 -0.810510 -38.152155
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4920

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.070048 0.206300 0.083914
2.38E-06 0.207320 2.191403
0.25000 0.070048 0.214255 0.083914
2.38E-06 0.103548 2.325031
0.50000 0.070048 0.233442 0.083914
2.38E-06 0.009433 2.529276
0.75000 0.070048 0.254364 0.083914
2.38E-06 0.057037 2.847553
1.00000 0.070048 0.272733 0.083914
2.38E-06 0.111197 3.266287

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.102553 -0.635828 -0.044274
-0.000506 -0.106945 -3.177045
0.25000 -0.102553 -0.617553 -0.044274
-0.000506 -0.052919 -2.902053
0.50000 -0.102553 -0.599646 -0.044274
-0.000506 -0.008216 -2.746665
0.75000 -0.102553 -0.577406 -0.044274
-0.000506 -0.104241 -2.685024
1.00000 -0.102553 -0.569056 -0.044274
-0.000506 -0.207711 -2.723007

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.145238 8.453876 0.207946
3.73E-05 0.516332 11.430229
0.25000 0.145238 16.926088 0.207946
3.73E-05 0.273147 37.852253
0.50000 0.145238 37.360157 0.207946
3.73E-05 0.049455 53.687778
0.75000 0.145238 59.642602 0.207946
3.73E-05 0.148854 39.693628
1.00000 0.145238 79.205340 0.207946
3.73E-05 0.291541 14.291038

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.084524 -80.232165 -0.122210
-0.000635 -0.167047 -52.496264
0.25000 -0.084524 -60.769226 -0.122210
-0.000635 -0.169152 -22.117561
0.50000 -0.084524 -38.503440 -0.122210
-0.000635 -0.037174 -22.037437
0.75000 -0.084524 -18.013399 -0.122210
-0.000635 -0.265429 -22.162419
1.00000 -0.084524 -9.119961 -0.122210
-0.000635 -0.519181 -51.476750

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.246498 7.757927 0.253003
3.38E-05 0.621877 11.621825
0.25000 0.246498 15.425876 0.253003
3.38E-05 0.321830 35.630476
0.50000 0.246498 33.920147 0.253003
3.38E-05 0.050252 50.136113
0.75000 0.246498 54.087329 0.253003
3.38E-05 0.186248 37.956316
1.00000 0.246498 71.792984 0.253003
3.38E-05 0.363076 14.959523

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.155819 -72.878490 -0.149284
-0.001101 -0.378029 -49.972782
0.25000 -0.155819 -55.263161 -0.149284
-0.001101 -0.196644 -22.403116
0.50000 -0.155819 -35.111056 -0.149284
-0.001101 -0.014067 -22.291133
0.75000 -0.155819 -16.566126 -0.149284
-0.001101 -0.326061 -22.337407
1.00000 -0.155819 -8.516938 -0.149284
-0.001101 -0.635651 -48.934009
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4921

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.268821 5.031223 0.371422
0.000677 0.922332 10.740148
0.25000 0.268821 9.655141 0.371422
0.000677 0.471516 25.225803
0.50000 0.268821 20.807538 0.371422
0.000677 0.044511 34.185787
0.75000 0.268821 32.968732 0.371422
0.000677 0.311836 27.293410
1.00000 0.268821 43.645578 0.371422
0.000677 0.627088 14.401779

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.213458 -44.926235 -0.258846
-0.000922 -0.652758 -35.050978
0.25000 -0.213458 -34.305857 -0.258846
-0.000922 -0.334393 -17.955035
0.50000 -0.213458 -22.153755 -0.258846
-0.000922 -0.037223 -17.464573
0.75000 -0.213458 -10.970810 -0.258846
-0.000922 -0.459336 -17.354769
1.00000 -0.213458 -6.116997 -0.258846
-0.000922 -0.917193 -33.355927

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.084455 0.209933 0.268954
0.001109 0.675830 3.093479
0.25000 0.084455 0.217888 0.268954
0.001109 0.343598 3.277000
0.50000 0.084455 0.237075 0.268954
0.001109 0.013270 3.581573
0.75000 0.084455 0.257998 0.268954
0.001109 0.263665 4.039254
1.00000 0.084455 0.276366 0.268954
0.001109 0.540186 4.693247

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.151673 -0.911958 -0.223727
-7.14E-06 -0.564202 -4.552439
0.25000 -0.151673 -0.893683 -0.223727
-7.14E-06 -0.287566 -4.040789
0.50000 -0.151673 -0.872776 -0.223727
-7.14E-06 -0.011446 -3.881953
0.75000 -0.151673 -0.853537 -0.223727
-7.14E-06 -0.321358 -3.440561
1.00000 -0.151673 -0.845186 -0.223727
-7.14E-06 -0.654117 -3.395336

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.186717 11.856209 0.408452
0.001280 1.020360 14.662101
0.25000 0.186717 23.884364 0.408452
0.001280 0.535704 52.143667
0.50000 0.186717 52.894986 0.408452
0.001280 0.064397 74.568992
0.75000 0.186717 84.529781 0.408452
0.001280 0.383079 54.489676
1.00000 0.186717 112.303358 0.408452
0.001280 0.768362 18.187366

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.185827 -113.630050 -0.320821
-6.76E-05 -0.824859 -72.765779
0.25000 -0.185827 -85.998160 -0.320821
-6.76E-05 -0.432800 -29.743563
0.50000 -0.185827 -54.387015 -0.320821
-6.76E-05 -0.047931 -29.612543
0.75000 -0.185827 -25.296929 -0.320821
-6.76E-05 -0.509471 -29.679516
1.00000 -0.185827 -12.670752 -0.320821
-6.76E-05 -1.010242 -71.219278
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4922

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.198254 8.754710 0.436035
0.001117 1.091311 13.731113
0.25000 0.198254 17.425005 0.436035
0.001117 0.567048 40.868270
0.50000 0.198254 38.336828 0.436035
0.001117 0.059464 57.301405
0.75000 0.198254 61.140243 0.436035
0.001117 0.384476 43.269760
1.00000 0.198254 81.160363 0.436035
0.001117 0.776112 17.725799

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.184900 -82.670933 -0.323719
-0.000385 -0.827588 -56.715422
0.25000 -0.184900 -62.752946 -0.323719
-0.000385 -0.430626 -25.252058
0.50000 -0.184900 -39.966579 -0.323719
-0.000385 -0.045446 -24.883455
0.75000 -0.184900 -18.997475 -0.323719
-0.000385 -0.536028 -24.800331
1.00000 -0.184900 -9.896106 -0.323719
-0.000385 -1.072195 -54.721514

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.241632 7.376895 0.421365
0.000931 1.049097 12.652395
0.25000 0.241632 14.572310 0.421365
0.000931 0.540267 35.242481
0.50000 0.241632 31.926878 0.421365
0.000931 0.054681 49.007507
0.75000 0.241632 50.851264 0.421365
0.000931 0.362325 37.595067
1.00000 0.241632 67.465815 0.421365
0.000931 0.727425 16.666136

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.240101 -68.898355 -0.301232
-0.000774 -0.768159 -49.214155
0.25000 -0.240101 -52.368564 -0.301232
-0.000774 -0.394033 -23.026445
0.50000 -0.240101 -33.458325 -0.301232
-0.000774 -0.043576 -22.662387
0.75000 -0.240101 -16.056220 -0.301232
-0.000774 -0.522191 -22.595902
1.00000 -0.240101 -8.503661 -0.301232
-0.000774 -1.040393 -47.462712

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.193485 10.373801 0.321833
0.001341 0.804883 16.599096
0.25000 0.193485 31.300626 0.321833
0.001341 0.416610 68.077166
0.50000 0.193485 59.049090 0.321833
0.001341 0.061810 93.242899
0.75000 0.193485 85.100235 0.321833
0.001341 0.231938 72.946853
1.00000 0.193485 112.305822 0.321833
0.001341 0.474416 19.667624

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.180443 -113.420999 -0.196881
-0.001382 -0.501011 -78.206269
0.25000 -0.180443 -85.878891 -0.196881
-0.001382 -0.262200 -30.213890
0.50000 -0.180443 -59.872152 -0.196881
-0.001382 -0.052332 -30.164207
0.75000 -0.180443 -32.067020 -0.196881
-0.001382 -0.403394 -30.688154
1.00000 -0.180443 -10.898821 -0.196881
-0.001382 -0.800909 -77.941825
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4923

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.328004 11.856209 0.436035
0.001280 1.091311 14.662101
0.25000 0.328004 23.884364 0.436035
0.001280 0.567048 52.143667
0.50000 0.328004 52.894986 0.436035
0.001280 0.064397 74.568992
0.75000 0.328004 84.529781 0.436035
0.001280 0.384476 54.489676
1.00000 0.328004 112.303358 0.436035
0.001280 0.776112 18.187366

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.240101 -113.630050 -0.323719
-0.001288 -0.827588 -72.765779
0.25000 -0.240101 -85.998160 -0.323719
-0.001288 -0.432800 -29.743563

```
0.50000    -0.240101   -54.387015   -0.323719
-0.001288   -0.047931   -29.612543
0.75000    -0.240101   -25.296929   -0.323719
-0.001288   -0.536028   -29.679516
1.00000    -0.240101   -12.670752   -0.323719
-0.001288   -1.072195   -71.219278

COMB      CAR ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.328004   11.856209    0.436035
 0.001341   1.091311   16.599096
0.25000    0.328004   31.300626    0.436035
 0.001341   0.567048   68.077166
0.50000    0.328004   59.049090    0.436035
 0.001341   0.064397   93.242899
0.75000    0.328004   85.100235    0.436035
 0.001341   0.384476   72.946853
1.00000    0.328004  112.305822    0.436035
 0.001341   0.776112   19.667624

COMB      CAR ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.240101  -113.630050   -0.323719
-0.001382   -0.827588   -78.206269
0.25000    -0.240101   -85.998160   -0.323719
-0.001382   -0.432800   -30.213890
0.50000    -0.240101   -59.872152   -0.323719
-0.001382   -0.052332   -30.164207
0.75000    -0.240101   -32.067020   -0.323719
-0.001382   -0.536028   -30.688154
1.00000    -0.240101   -12.670752   -0.323719
-0.001382   -1.072195   -77.941825

COMB    DESIGN ---------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.328004   11.856209    0.436035
 0.001341   1.091311   16.599096
0.25000    0.328004   31.300626    0.436035
 0.001341   0.567048   68.077166
0.50000    0.328004   59.049090    0.436035
 0.001341   0.064397   93.242899
0.75000    0.328004   85.100235    0.436035
 0.001341   0.384476   72.946853
1.00000    0.328004  112.305822    0.436035
 0.001341   0.776112   19.667624

COMB    DESIGN ---------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.240101  -113.630050   -0.323719
-0.001382   -0.827588   -78.206269
0.25000    -0.240101   -85.998160   -0.323719
-0.001382   -0.432800   -30.213890
0.50000    -0.240101   -59.872152   -0.323719
-0.001382   -0.052332   -30.164207
0.75000    -0.240101   -32.067020   -0.323719
-0.001382   -0.536028   -30.688154
1.00000    -0.240101   -12.670752   -0.323719
-0.001382   -1.072195   -77.941825
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4924

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      481 ================== LENGTH
=     4.943378

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.134217    0.127133    0.079744
3.76E-07    0.190653    1.768750
0.25000    0.134217    0.150904    0.079744
3.76E-07    0.092103    2.085962
0.50000    0.134217    0.182295    0.079744
3.76E-07    0.008857    2.386311
0.75000    0.134217    0.211718    0.079744
3.76E-07    0.071106    2.653255
1.00000    0.134217    0.242539    0.079744
3.76E-07    0.134716    2.894532

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.109207   -0.398495   -0.051500
-0.000554   -1.939352   -1.939352
0.25000    -0.109207   -0.367597   -0.051500
-0.000554   -0.056478   -1.886407
0.50000    -0.109207   -0.338187   -0.051500
-0.000554   -0.006318   -1.886922
0.75000    -0.109207   -0.306788   -0.051500
-0.000554   -0.105052   -1.888606
1.00000    -0.109207   -0.282906   -0.051500
-0.000554   -0.203607   -1.943744

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.213038    0.532776    0.134514
3.76E-07    0.322649    4.333436
0.25000    0.213038    1.198369    0.134514
3.76E-07    0.156598    6.378382
0.50000    0.213038    2.077324    0.134514
3.76E-07    0.019464    7.591678
0.75000    0.213038    2.901165    0.134514
3.76E-07    0.124651    7.546820
1.00000    0.213038    3.764132    0.134514
3.76E-07    0.234753    6.567194

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.173526   -4.218105   -0.089541
-0.001001   -0.208137   -5.789000
0.25000    -0.173526   -3.352954   -0.089541
-0.001001   -0.097582   -4.262038
0.50000    -0.173526   -2.529459   -0.089541
-0.001001   -0.012297   -4.231946
0.75000    -0.173526   -1.650308   -0.089541
-0.001001   -0.177037   -4.230904
1.00000    -0.173526   -0.981597   -0.089541
-0.001001   -0.343194   -5.720417

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.235283    0.333939    0.171543
0.000163    0.423496    7.357083
0.25000    0.235283    0.355333    0.171543
0.000163    0.211649    7.892706
0.50000    0.235283    0.383585    0.171543
0.000163    0.029991    8.660068
0.75000    0.235283    0.410066    0.171543
0.000163    0.138330    9.681279
1.00000    0.235283    0.437804    0.171543
0.000163    0.260135   10.868597

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.148517   -1.309844   -0.098907
-0.001183   -0.235660   -4.962176
0.25000    -0.148517   -1.282035   -0.098907
-0.001183   -0.113394   -4.872399
0.50000    -0.148517   -1.255566   -0.098907
-0.001183   -0.015151   -4.830736
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4925

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.75000    -0.148517   -1.227307   -0.098907
-0.001183   -0.213125   -4.790079
1.00000    -0.148517   -1.205813   -0.098907
-0.001183   -0.424948   -4.797733

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.239485    6.480267    0.237860
0.000504    0.600381   16.068282
0.25000    0.239485   19.084925    0.237860
0.000504    0.309956   49.021473
0.50000    0.239485   35.730137    0.237860
0.000504    0.060930   63.006305
0.75000    0.239485   51.331632    0.237860
0.000504    0.178493   51.421808
1.00000    0.239485   67.674060    0.237860
0.000504    0.347865   20.262718

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.196677   -68.857836   -0.137193
-0.001045   -0.336146   -49.838801
0.25000    -0.196677   -52.474049   -0.137193
-0.001045   -0.166327   -21.036031
0.50000    -0.196677   -36.879115   -0.137193
-0.001045   -0.039236   -20.700239
0.75000    -0.196677   -20.230193   -0.137193
-0.001045   -0.300558   -20.853020
1.00000    -0.196677    -7.566465   -0.137193
-0.001045   -0.592771   -49.227243

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.078182    0.122725    0.052893
4.14E-06    0.132975    3.088133
0.25000    0.078182    0.146497    0.052893
4.14E-06    0.067686    3.316582
0.50000    0.078182    0.177888    0.052893
4.14E-06    0.012736    3.658284
0.75000    0.078182    0.207311    0.052893
4.14E-06    0.055287    4.083108
1.00000    0.078182    0.238131    0.052893
4.14E-06    0.103722    4.556434

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.059160   -0.635765   -0.039333
-0.000480   -0.090717   -2.010801
0.25000    -0.059160   -0.604867   -0.039333
-0.000480   -0.042339   -1.933816
0.50000    -0.059160   -0.575456   -0.039333
-0.000480   -0.005616   -1.910361
0.75000    -0.059160   -0.545550   -0.039333
-0.000480   -0.068089   -1.887956
1.00000    -0.059160   -0.520176   -0.039333
-0.000480   -0.132571   -1.918773

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.124875    8.513361    0.141803
0.000176    0.367018   16.323370
0.25000    0.124875   25.771223    0.141803
0.000176    0.196307   61.011713
0.50000    0.124875   48.561273    0.141803
0.000176    0.060580   79.543091
0.75000    0.124875   69.922302    0.141803
0.000176    0.087374   62.938968
1.00000    0.124875   92.297790    0.141803
0.000176    0.168003   19.346691

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.060646   -93.302940   -0.065322
-0.000646   -0.162215   -64.442318
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4926

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.25000    -0.060646   -70.870824   -0.065322
-0.000646   -0.083967   -25.121536
0.50000    -0.060646   -49.518779   -0.065322
-0.000646   -0.011552   -24.612458
0.75000    -0.060646   -26.723649   -0.065322
-0.000646   -0.184076   -24.854388
1.00000    -0.060646    -9.384910   -0.065322
-0.000646   -0.357258   -63.735784

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.211673    7.782846    0.188775
0.000159    0.476676   16.212342
0.25000    0.211673   23.379105    0.188775
0.000159    0.247452   56.835726
0.50000    0.211673   43.974966    0.188775
0.000159    0.062075   73.851674
0.75000    0.211673   63.279274    0.188775
0.000159    0.133617   59.046303
1.00000    0.211673   83.500428    0.188775
0.000159    0.254974   19.885609

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.118998   -84.541517   -0.098236
-0.001011   -0.236865   -59.730905
0.25000    -0.118998   -64.259187   -0.098236
-0.001011   -0.118088   -24.193247
0.50000    -0.118998   -44.972938   -0.098236
-0.001011   -0.042419   -23.730464
0.75000    -0.118998   -24.372547   -0.098236
-0.001011   -0.246158   -23.946389
1.00000    -0.118998    -8.703199   -0.098236
-0.001011   -0.477642   -59.081718

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.217850    5.330082    0.256993
0.000759    0.652454   15.579987
0.25000    0.217850   15.563566    0.256993
0.000759    0.337933   42.451034
0.50000    0.217850   29.077501    0.256993
0.000759    0.058716   54.018641
0.75000    0.217850   41.744061    0.256993
0.000759    0.198949   44.936360
1.00000    0.217850   55.021761    0.256993
0.000759    0.391973   20.051425

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.202170   -56.322208   -0.156268
-0.000847   -0.386144   -41.653878
0.25000    -0.202170   -43.020519   -0.156268
-0.000847   -0.194596   -18.290305
0.50000    -0.202170   -30.359286   -0.156268
-0.000847   -0.035108   -17.941111
0.75000    -0.202170   -16.842339   -0.156268
-0.000847   -0.316301   -18.037248
1.00000    -0.202170    -6.560897   -0.156268
-0.000847   -0.632480   -41.045808

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.062215    0.142032    0.169698
0.000967    0.435058    4.774481
0.25000    0.062215    0.165803    0.169698
0.000967    0.225694    5.122197
0.50000    0.062215    0.197194    0.169698
0.000967    0.017968    5.606276
0.75000    0.062215    0.226617    0.169698
0.000967    0.150761    6.241070
1.00000    0.062215    0.257437    0.169698
0.000967    0.308290    6.938628
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4927

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.166487   -0.884939   -0.127476
-6.73E-06   -0.321920   -2.502879
0.25000    -0.166487   -0.854941   -0.127476
-6.73E-06   -0.164417   -2.393483
0.50000    -0.166487   -0.824630   -0.127476
-6.73E-06   -0.007111   -2.337546
0.75000    -0.166487   -0.793232   -0.127476
-6.73E-06   -0.194997   -2.282644
1.00000    -0.166487   -0.769349   -0.127476
-6.73E-06   -0.404507   -2.280963

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.112857   10.351480    0.267836
 0.001164   0.693003   19.569880
0.25000    0.112857   31.365185    0.267836
 0.001164   0.368006   74.046775
0.50000    0.112857   59.115054    0.267836
 0.001164   0.071900   96.652302
0.75000    0.112857   85.124901    0.267836
 0.001164   0.198810   76.322198
1.00000    0.112857  112.369886    0.267836
 0.001164   0.408455   23.129058

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.216914  -113.571453   -0.169652
-8.36E-05   -0.430144   -77.931943
0.25000    -0.216914   -86.257417   -0.169652
-8.36E-05   -0.223223   -30.035355
0.50000    -0.216914   -60.258508   -0.169652
-8.36E-05   -0.049177   -29.397094
0.75000    -0.216914   -32.509566   -0.169652
-8.36E-05   -0.331075   -29.673263
1.00000    -0.216914   -11.390271   -0.169652
-8.36E-05   -0.659440   -76.997918

COMB DB-G3-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.151901    7.222964    0.279890
0.001148    0.723511   18.439099
0.25000    0.151901   21.642550    0.279890
0.001148    0.381937   56.063313
0.50000    0.151901   40.684484    0.279890
0.001148    0.168222   72.009666
0.75000    0.151901   58.532418    0.279890
0.001148    0.212688   58.728472
1.00000    0.151901   77.227970    0.279890
0.001148    0.428362   23.034035

COMB DB-G3-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.198495   -78.718461   -0.174537
-0.000433   -0.440378   -56.075286
0.25000    -0.198495   -59.975593   -0.174537
-0.000433   -0.22274    -23.165228
0.50000    -0.198495   -42.135166   -0.174537
-0.000433   -0.041228   -22.683792
0.75000    -0.198495   -23.088987   -0.174537
-0.000433   -0.336350   -22.829866
1.00000    -0.198495    -8.601826   -0.174537
-0.000433   -0.680188   -55.260646

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.201624    6.056014    0.282365
0.000957    0.720447   16.819270
0.25000    0.201624   17.983193    0.282365
0.000957    0.375089   48.080753
0.50000    0.201624   33.733755    0.282365
0.000957    0.063499   61.472399
0.75000    0.201624   48.496697    0.282365
0.000957    0.222869   50.734837
1.00000    0.201624   63.960749    0.282365
0.000957    0.446691   21.501911
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4928

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.219346   -65.377990   -0.177944
-0.000737   -0.442513   -47.709779
0.25000    -0.219346   -49.874802   -0.177944
-0.000737   -0.224368   -20.480959
0.50000    -0.219346   -35.118068   -0.177944
-0.000737   -0.053504   -20.057518
0.75000    -0.219346   -19.363996   -0.177944
-0.000737   -0.344805   -20.189112
1.00000    -0.219346    -7.380922   -0.177944
-0.000737   -0.692017   -47.007104

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.267477    0.174343    0.103283
2.12E-07    0.248169    2.482042
0.25000    0.267477    0.182381    0.103283
2.12E-07    0.120631    2.844433
0.50000    0.267477    0.201572    0.103283
2.12E-07    0.012369    3.198924
0.75000    0.267477    0.222472    0.103283
2.12E-07    0.102236    3.530746
1.00000    0.267477    0.240808    0.103283
2.12E-07    0.196073    3.856679

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.135334   -0.407471   -0.075637
-0.000542   -0.178763   -2.745863
0.25000    -0.135334   -0.389136   -0.075637
-0.000542   -0.084544   -2.884203
0.50000    -0.135334   -0.368234   -0.075637
-0.000542   -0.009231   -3.060012
0.75000    -0.135334   -0.349027   -0.075637
-0.000542   -0.135319   -3.235938
1.00000    -0.135334   -0.340937   -0.075637
-0.000542   -0.262754   -3.439503

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.342387    0.559570    0.180908
2.12E-07    0.437737    5.248504
0.25000    0.342387    0.792692    0.180908
2.12E-07    0.215007    6.565551
0.50000    0.342387    1.349227    0.180908
2.12E-07    0.025076    7.607318
0.75000    0.342387    1.955330    0.180908
2.12E-07    0.171098    7.907799
1.00000    0.342387    2.487068    0.180908
2.12E-07    0.327407    7.937438

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.245816   -2.897648   -0.126516
-0.000938   -0.299118   -6.216604
0.25000    -0.245816   -2.365953   -0.126516
-0.000938   -0.142159   -5.683419
0.50000    -0.245816   -1.759775   -0.126516
-0.000938   -0.016901   -5.979817
0.75000    -0.245816   -1.202777   -0.126516
-0.000938   -0.234672   -6.278582
1.00000    -0.245816   -0.968184   -0.126516
-0.000938   -0.457713   -7.378824

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.361911    0.547828    0.232023
0.000182    0.574773    8.274000
0.25000    0.361911    0.555063    0.232023
0.000182    0.288440    9.096158
0.50000    0.361911    0.572334    0.232023
0.000182    0.037326   10.035391
0.75000    0.361911    0.591145    0.232023
0.000182    0.202028   11.192639
1.00000    0.361911    0.607647    0.232023
0.000182    0.391720   12.405202
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4929

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.210665   -1.362553   -0.154051
-0.001064   -0.371514   -7.065881
0.25000    -0.210665   -1.346053   -0.154051
-0.001064   -0.180227   -7.385081
0.50000    -0.210665   -1.327240   -0.154051
-0.001064   -0.022675   -7.765391
0.75000    -0.210665   -1.309954   -0.154051
-0.001064   -0.287834   -8.145727
1.00000    -0.210665   -1.302674   -0.154051
-0.001064   -0.572572   -8.550770

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.385438    6.103167    0.313522
0.000474    0.787392   14.593317
0.25000    0.385438   11.728235    0.313522
0.000474    0.407568   32.721940
0.50000    0.385438   25.157039    0.313522
0.000474    0.063238   43.688731
0.75000    0.385438   39.781886    0.313522
0.000474    0.278981   35.202578
1.00000    0.385438   52.612972    0.313522
0.000474    0.542954   19.318866

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.245206   -53.587687   -0.219241
-0.000947   -0.548015   -38.160038
0.25000    -0.245206   -40.758261   -0.219241
-0.000947   -0.277953   -18.952377
0.50000    -0.245206   -26.131591   -0.219241
-0.000947   -0.037902   -19.292451
0.75000    -0.245206   -12.691614   -0.219241
-0.000947   -0.388079   -19.618908
1.00000    -0.245206    -7.031065   -0.219241
-0.000947   -0.772218   -39.425958

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.075864    0.218923    0.082461
2.12E-06    0.203592    3.257961
0.25000    0.075864    0.226961    0.082461
2.12E-06    0.102954    3.649858
0.50000    0.075864    0.246152    0.082461
2.12E-06    0.015315    4.044291
0.75000    0.075864    0.267052    0.082461
2.12E-06    0.072245    4.459951
1.00000    0.075864    0.285388    0.082461
2.12E-06    0.139193    4.902429

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.105932   -0.609853   -0.054293
-0.000410   -0.129759   -2.726402
0.25000    -0.105932   -0.591519   -0.054293
-0.000410   -0.062704   -2.817521
0.50000    -0.105932   -0.570616   -0.054293
-0.000410   -0.008230   -2.951955
0.75000    -0.105932   -0.551409   -0.054293
-0.000410   -0.103643   -3.086424
1.00000    -0.105932   -0.543320   -0.054293
-0.000410   -0.204892   -3.248563

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.159518    8.661160    0.182956
0.000181    0.466849   14.245738
0.25000    0.159518   17.222358    0.182956
0.000181    0.252297   41.177145
0.50000    0.159518   37.660623    0.182956
0.000181    0.061482   57.076671
0.75000    0.159518   59.919233    0.182956
0.000181    0.145859   42.940883
1.00000    0.159518   79.446875    0.182956
0.000181    0.272390   17.499016
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                4930

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000    -0.094143   -80.219162   -0.111052
-0.000541   -0.287109   -51.495963
0.25000    -0.094143   -60.693134   -0.111052
-0.000541   -0.152843   -21.946755
0.50000    -0.094143   -38.431749   -0.111052
-0.000541   -0.035878   -22.112342
0.75000    -0.094143   -17.976479   -0.111052
-0.000541   -0.230756   -22.346807
1.00000    -0.094143    -9.361280   -0.111052
-0.000541   -0.451817   -52.053194

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000    0.294142    7.959155    0.245669
```

```
 0.000163     0.615378    14.933402
 0.25000      0.294142    15.707642      0.245669
 0.000163     0.322407    39.593306
 0.50000      0.294142    34.205711      0.245669
 0.000163     0.065812    54.269647
 0.75000      0.294142    54.351320      0.245669
 0.000163     0.207864    41.758012
 1.00000      0.294142    72.025212      0.245669
 0.000163     0.391849    19.021738

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.175450   -72.872407    -0.156366
-0.000895    -0.391142   -48.970696
 0.25000    -0.175450   -55.199976    -0.156366
-0.000895    -0.200084   -22.332925
 0.50000    -0.175450   -35.051856    -0.156366
-0.000895    -0.039606   -22.588505
 0.75000    -0.175450   -16.538395    -0.156366
-0.000895    -0.313343   -22.905509
 1.00000    -0.175450    -8.741034    -0.156366
-0.000895    -0.612449   -49.897207

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.306375     5.164573     0.344203
 0.000695    0.869829    14.332053
 0.25000     0.306375     9.837058     0.344203
 0.000695    0.402802    29.587155
 0.50000     0.306375    20.991745     0.344203
 0.000695    0.062172    38.949236
 0.75000     0.306375    33.139930     0.344203
 0.000695    0.309561    32.216649
 1.00000     0.306375    43.797622     0.344203
 0.000695    0.610432    19.366891

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.250216   -44.878715    -0.248232
-0.000750    -0.622602   -33.342719
 0.25000    -0.250216   -34.221904    -0.248232
-0.000750    -0.316887   -17.407842
 0.50000    -0.250216   -22.072205    -0.248232
-0.000750    -0.035825   -17.715914
 0.75000    -0.250216   -10.908236    -0.248232
-0.000750    -0.418139   -18.060629
 1.00000    -0.250216    -5.743780    -0.248232
-0.000750    -0.840531   -34.490638

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.081155     0.223089     0.235836
 0.000910    0.602337     4.628933
 0.25000     0.081155     0.231128     0.235836
 0.000910    0.310619     5.159668
 0.50000     0.081155     0.250319     0.235836
 0.000910    0.020601     5.736196
 0.75000     0.081155     0.271219     0.235836
 0.000910    0.233590     6.389590
 1.00000     0.081155     0.289555     0.235836
 0.000910    0.478904     7.077535
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4931

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.193111    -0.853428    -0.198595
-6.53E-06    -0.502056    -3.333439
 0.25000    -0.193111    -0.835094    -0.198595
-6.53E-06    -0.252442    -3.393626
 0.50000    -0.193111    -0.814191    -0.198595
-6.53E-06    -0.010386    -3.510864
 0.75000    -0.193111    -0.794984    -0.198595
-6.53E-06    -0.272387    -3.627827
 1.00000    -0.193111    -0.786895    -0.198595
-6.53E-06    -0.564286    -3.772310

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.187567    12.136712     0.356630
 0.001015    0.913509    18.088631
 0.25000     0.187567    24.291201     0.356630
 0.001015    0.488538    56.159302
 0.50000     0.187567    53.307780     0.356630
 0.001015    0.077614    78.528541
 0.75000     0.187567    84.908736     0.356630
 0.001015    0.334236    58.227571
 1.00000     0.187567   112.632487     0.356630
 0.001015    0.662072    21.842926

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.232810   -113.600470    -0.276505
-6.30E-05    -0.716719    -71.183515
 0.25000    -0.232810    -85.879010    -0.276505
-6.30E-05    -0.378733    -29.091453
 0.50000    -0.232810    -54.274115    -0.276505
-6.30E-05    -0.045159    -29.181027
 0.75000    -0.232810    -25.233393    -0.276505
-6.30E-05    -0.432432    -29.365225
 1.00000    -0.232810    -13.002238    -0.276505
-6.30E-05    -0.869630    -71.355859

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.204104     8.969856     0.378420
 0.001025    0.968909    17.618114
 0.25000     0.204104    17.731217     0.378420
 0.001025    0.512741    45.523566
 0.50000     0.204104    38.647334     0.378420
 0.001025    0.076622    62.185588
 0.75000     0.204104    61.426357     0.378420
 0.001025    0.345996    48.160401
 1.00000     0.204104    81.410560     0.378420
 0.001025    0.686525    22.595315

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.228344   -82.612242    -0.283916
-0.000340    -0.727174   -54.678419
 0.25000    -0.228344   -62.629690    -0.283916
-0.000340    -0.379163   -24.468402
 0.50000    -0.228344   -39.847828    -0.283916
-0.000340    -0.043145   -24.690368
 0.75000    -0.228344   -18.914307    -0.283916
-0.000340    -0.454041   -24.981622
 1.00000    -0.228344   -10.097683    -0.283916
-0.000340    -0.917856   -55.434290

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.264693     7.566633     0.382406
 0.000854    0.969878    16.584728
 0.25000     0.264693    14.837622     0.382406
 0.000854    0.506990    39.970667
 0.50000     0.264693    32.195754     0.382406
 0.000854    0.072768    54.040534
 0.75000     0.264693    51.099898     0.382406
 0.000854    0.349217    42.685605
 1.00000     0.264693    67.684641     0.382406
 0.000854    0.688596    21.766099
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4932

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.283866   -68.847016    -0.281454
-0.000634    -0.711426   -47.439060
 0.25000    -0.283866   -52.263643    -0.281454
-0.000634    -0.365894   -22.456252
 0.50000    -0.283866   -33.357143    -0.281454
-0.000634    -0.041737   -22.731449
 0.75000    -0.283866   -15.984566    -0.281454
-0.000634    -0.464900   -23.060531
 1.00000    -0.283866    -8.667717    -0.281454
-0.000634    -0.934095   -48.424919

COMB       DB ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.239485    10.351480     0.282365
 0.001164    0.723511    19.569880
 0.25000     0.239485    31.365185     0.282365
 0.001164    0.381937    74.046775
 0.50000     0.239485    59.115054     0.282365
 0.001164    0.071900    96.652302
 0.75000     0.239485    85.124901     0.282365
 0.001164    0.222869    76.322198
 1.00000     0.239485   112.369986     0.282365
 0.001164    0.442691    23.129058

COMB       DB ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.219346  -113.571453    -0.177944
-0.001183    -0.442513   -77.931943
 0.25000    -0.219346    -86.257417    -0.177944
-0.001183    -0.227273   -30.035355
 0.50000    -0.219346    -60.258508    -0.177944
-0.001183    -0.049177   -29.397094
 0.75000    -0.219346    -32.502455    -0.177944
-0.001183    -0.344805   -29.673263
 1.00000    -0.219346    -11.390271    -0.177944
-0.001183    -0.692017   -76.997918

COMB       DL ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.385438    12.136712     0.382406
 0.001025    0.969878    18.088631
 0.25000     0.385438    24.291201     0.382406
 0.001025    0.512741    56.159302
 0.50000     0.385438    53.307780     0.382406
 0.001025    0.077614    78.528541
 0.75000     0.385438    84.908736     0.382406
 0.001025    0.349217    58.227571
 1.00000     0.385438   112.632487     0.382406
 0.001025    0.688596    22.595315

COMB       DL ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.283866   -113.600470    -0.283916
-0.001064    -0.727174   -77.183515
 0.25000    -0.283866    -85.879010    -0.283916
-0.001064    -0.379163   -29.091453
 0.50000    -0.283866    -54.274115    -0.283916
-0.001064    -0.045159   -29.181027
 0.75000    -0.283866    -25.233393    -0.283916
-0.001064    -0.464900   -29.365225
 1.00000    -0.283866    -13.002238    -0.283916
-0.001064    -0.934095   -71.355859

COMB       CAR ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.385438    12.136712     0.382406
 0.001164    0.969878    19.569880
 0.25000     0.385438    31.365185     0.382406
 0.001164    0.512741    74.046775
 0.50000     0.385438    59.115054     0.382406
 0.001164    0.077614    96.652302
 0.75000     0.385438    85.124901     0.382406
 0.001164    0.349217    76.322198
 1.00000     0.385438   112.632487     0.382406
 0.001164    0.688596    23.129058
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4933

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.283866   -113.600470    -0.283916
-0.001183    -0.727174    -77.931943
 0.25000    -0.283866    -86.257417    -0.283916
-0.001183    -0.379163    -30.035355
 0.50000    -0.283866    -60.258508    -0.283916
-0.001183    -0.049177    -29.397094
 0.75000    -0.283866    -32.502455    -0.283916
-0.001183    -0.464900    -29.673263
 1.00000    -0.283866    -13.002238    -0.283916
-0.001183    -0.934095    -76.997918

COMB       DESIGN ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.385438    12.136712     0.382406
 0.001164    0.969878    19.569880
 0.25000     0.385438    31.365185     0.382406
 0.001164    0.512741    74.046775
 0.50000     0.385438    59.115054     0.382406
 0.001164    0.077614    96.652302
 0.75000     0.385438    85.124901     0.382406
 0.001164    0.349217    76.322198
 1.00000     0.385438   112.632487     0.382406
 0.001164    0.688596    23.129058

COMB       DESIGN ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.283866   -113.600470    -0.283916
-0.001183    -0.727174    -77.931943
 0.25000    -0.283866    -86.257417    -0.283916
-0.001183    -0.379163    -30.035355
 0.50000    -0.283866    -60.258508    -0.283916
-0.001183    -0.049177    -29.397094
 0.75000    -0.283866    -32.502455    -0.283916
-0.001183    -0.464900    -29.673263
 1.00000    -0.283866    -13.002238    -0.283916
-0.001183    -0.934095    -76.997918

ELEM     482 ================== LENGTH
=    4.943447

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.156760     0.125418     0.095688
 3.85E-06    0.230964     2.906565
 0.25000     0.156760     0.149232     0.095688
 3.85E-06    0.112705     3.071045
 0.50000     0.156760     0.180618     0.095688
 3.85E-06    0.012431     3.213919
 0.75000     0.156760     0.210029     0.095688
 3.85E-06    0.104105     3.319960
 1.00000     0.156760     0.240882     0.095688
 3.85E-06    0.198240     3.402093

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.115478    -0.295704    -0.076286
-0.000356    -0.179102    -1.968888
 0.25000    -0.115478    -0.264833    -0.076286
-0.000356    -0.084893    -1.818261
 0.50000    -0.115478    -0.235423    -0.076286
-0.000356    -0.005385    -1.720772
 0.75000    -0.115478    -0.204036    -0.076286
-0.000356    -0.123840    -1.624421
 1.00000    -0.115478    -0.180184    -0.076286
-0.000356    -0.242087    -1.581334

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.235916     0.588968     0.158727
 8.56E-05    0.383584     6.584556
 0.25000     0.235916     1.255766     0.158727
 8.56E-05    0.187571     8.340360
 0.50000     0.235916     2.134582     0.158727
 8.56E-05    0.025929     9.196887
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4934

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.75000     0.235916     2.958075     0.158727
 8.56E-05    0.179253     8.831272
 1.00000     0.235916     3.821978     0.158727
 8.56E-05    0.340756     7.534721

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.186063    -4.004093    -0.131156
-0.000673    -0.307991    -5.759872
 0.25000    -0.186063    -3.139712    -0.131156
-0.000673    -0.146460    -4.073722
 0.50000    -0.186063    -2.316241    -0.131156
-0.000673    -0.010612    -3.875435
 0.75000    -0.186063    -1.437406    -0.131156
-0.000673    -0.205777    -3.709004
 1.00000    -0.186063    -0.769548    -0.131156
-0.000673    -0.401748    -5.033977

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.259739     0.554291     0.168650
 0.000305    0.420940    10.877121
 0.25000     0.259739     0.575723     0.168650
 0.000305    0.212968    10.900033
 0.50000     0.259739     0.603971     0.168650
 0.000305    0.039251    11.114746
 0.75000     0.259739     0.633441     0.168650
 0.000305    0.199060    11.617481
 1.00000     0.259739     0.658209     0.168650
 0.000305    0.378311    12.301485

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.173319    -0.988293    -0.145410
-0.000866    -0.340714    -4.833546
 0.25000    -0.173319    -0.960509    -0.145410
-0.000866    -0.161312    -4.527149
 0.50000    -0.173319    -0.934040    -0.145410
-0.000866    -0.001934    -4.268685
 0.75000    -0.173319    -0.905792    -0.145410
-0.000866    -0.217232    -4.011045
 1.00000    -0.173319    -0.884325    -0.145410
-0.000866    -0.423433    -3.801443

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.263781     6.789397     0.215015
 0.000548    0.551180    20.250686
 0.25000     0.263781    19.416868     0.215015
 0.000548    0.289009    52.771174
 0.50000     0.263781    36.059457     0.215015
 0.000548    0.071539    65.889861
 0.75000     0.263781    51.654359     0.215015
 0.000548    0.224099    53.679473
 1.00000     0.263781    68.014513     0.215015
 0.000548    0.423705    21.911100

COMB DB-G1-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.218744   -68.452361    -0.166615
-0.000853    -0.400127   -49.251188
 0.25000    -0.218744   -52.083129    -0.166615
-0.000853    -0.199540   -20.447755
 0.50000    -0.218744   -36.488665    -0.166615
-0.000853    -0.036067   -19.820711
 0.75000    -0.218744   -19.845711    -0.166615
-0.000853    -0.274179   -19.796966
 1.00000    -0.218744    -7.198163    -0.166615
-0.000853    -0.534903   -48.016672

COMB DB-G2-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.078486     0.219666     0.060172
 0.000159    0.145240     4.559686
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4935

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.25000     0.078486     0.240681     0.060172
 0.000159    0.070871     4.555298
 0.50000     0.078486     0.274867     0.060172
 0.000159    0.016288     4.655487
 0.75000     0.078486     0.304277     0.060172
 0.000159    0.076161     4.868608
 1.00000     0.078486     0.335131     0.060172
 0.000159    0.145057     5.145741

COMB DB-G2-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.062716    -0.502750    -0.055873
-0.000374    -0.131391    -1.930000
 0.25000    -0.062716    -0.471880    -0.055873
-0.000374    -0.062595    -1.774252
 0.50000    -0.062716    -0.442470    -0.055873
-0.000374    -0.004901    -1.671641
 0.75000    -0.062716    -0.411083    -0.055873
-0.000374    -0.077902    -1.570168
 1.00000    -0.062716    -0.382231    -0.055873
-0.000374    -0.152248    -1.521960

COMB DB-G2-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.129852     8.793972     0.112937
 0.000333    0.300941    19.337366
 0.25000     0.129852    26.083069     0.112937
 0.000333    0.165657    63.831065
 0.50000     0.129852    48.869528     0.112937
 0.000333    0.067770    81.620660
 0.75000     0.129852    70.221531     0.112937
 0.000333    0.117601    64.523564
 1.00000     0.129852    92.621288     0.112937
 0.000333    0.210970    20.504667

COMB DB-G2-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.077580   -92.993870    -0.082384
-0.000537    -0.196450   -63.752334
 0.25000    -0.077580   -70.581683    -0.082384
-0.000537    -0.101761   -24.517115
 0.50000    -0.077580   -49.230280    -0.082384
-0.000537    -0.039108   -23.860036
 0.75000    -0.077580   -26.443323    -0.082384
-0.000537    -0.155043   -24.028971
 1.00000    -0.077580    -9.126736    -0.082384
-0.000537    -0.288457   -62.867867

COMB DB-G2-3 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.226655     8.025752     0.174478
 0.000294    0.446729    19.885354
 0.25000     0.226655    23.650238     0.174478
 0.000294    0.234973    60.197355
 0.50000     0.226655    44.242794     0.174478
 0.000294    0.071374    76.372249
 0.75000     0.226655    63.539005     0.174478
 0.000294    0.187242    61.014257
 1.00000     0.226655    83.782092     0.174478
 0.000294    0.344503    21.334256

COMB DB-G2-3 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.143850   -84.176022    -0.133530
-0.000763    -0.315810   -59.115720
 0.25000    -0.143850   -63.921703    -0.133530
-0.000763    -0.157400   -23.580093
 0.50000    -0.143850   -44.626035    -0.133530
-0.000763    -0.039505   -22.908264
 0.75000    -0.143850   -24.033028    -0.133530
-0.000763    -0.234648   -22.982921
 1.00000    -0.143850    -8.383700    -0.133530
-0.000763    -0.445402   -58.004356
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4936

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.234612     5.695487     0.219970
 0.000742    0.569650    20.024650
 0.25000     0.234612    15.947493     0.219970
 0.000742    0.300728    46.378097
 0.50000     0.234612    29.459298     0.219970
 0.000742    0.069519    57.068202
 0.75000     0.234612    42.120966     0.219970
 0.000742    0.232364    47.307099
 1.00000     0.234612    55.403007     0.219970
 0.000742    0.445940    21.777722

COMB DB-G2-4 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.228608   -55.894360    -0.176978
-0.000840    -0.429125   -41.053738
 0.25000    -0.228608   -42.604489    -0.176978
-0.000840    -0.214846   -17.604018
 0.50000    -0.228608   -29.943637    -0.176978
-0.000840    -0.032128   -17.030179
 0.75000    -0.228608   -16.431536    -0.176978
-0.000840    -0.272122   -16.946146
 1.00000    -0.228608    -6.163229    -0.176978
-0.000840    -0.539811   -39.792441

COMB DB-G3-1 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.068619     0.328305     0.130354
 0.000745    0.343769     6.894789
 0.25000     0.068619     0.352119     0.130354
 0.000745    0.182902     6.916305
 0.50000     0.068619     0.383506     0.130354
 0.000745    0.022622     7.039022
 0.75000     0.068619     0.412916     0.130354
 0.000745    0.135369     7.336091
 1.00000     0.068619     0.443770     0.130354
 0.000745    0.276249     7.728523

COMB DB-G3-1 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.179712    -0.695497    -0.114045
-0.000259    -0.287608    -2.248621
 0.25000    -0.179712    -0.664625    -0.114045
-0.000259    -0.146696    -2.062448
 0.50000    -0.179712    -0.635217    -0.114045
-0.000259    -0.006081    -1.929412
 0.75000    -0.179712    -0.603830    -0.114045
-0.000259    -0.140452    -1.797515
 1.00000    -0.179712    -0.579978    -0.114045
-0.000259    -0.301152    -1.718882

COMB DB-G3-2 ------------------- MAX

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.122854    10.693680     0.208643
 0.000930    0.556650    23.070410
 0.25000     0.122854    31.745418     0.208643
 0.000930    0.303699    77.328156
 0.50000     0.122854    59.490913     0.208643
 0.000930    0.079674    99.006355
 0.75000     0.122854    85.489771     0.208643
 0.000930    0.184119    78.126176
 1.00000     0.122854   112.764407     0.208643
 0.000930    0.356359    24.421036

COMB DB-G3-2 ------------------- MIN

REL DIST          P           V2          V3
      T          M2          M3
 0.00000    -0.231166   -113.208206    -0.147398
-0.000391    -0.373825    -76.969024
 0.25000    -0.231166    -85.918435    -0.147398
-0.000391    -0.200166    -29.219036
 0.50000    -0.231166    -59.920309    -0.147398
-0.000391    -0.046278    -28.442981
 0.75000    -0.231166    -32.174206    -0.147398
-0.000391    -0.245799    -28.672707
 1.00000    -0.231166    -11.088996    -0.147398
-0.000391    -0.496984    -75.988170
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    4937

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P           V2          V3
      T          M2          M3
 0.00000     0.163368     7.679024     0.210652
 0.001035    0.563230    22.979471
 0.25000     0.163368    22.124707     0.210652
 0.001035    0.306858    60.125868
 0.50000     0.163368    41.163641     0.210652
 0.001035    0.078514    75.081651
 0.75000     0.163368    59.004033     0.210652
 0.001035    0.216560    61.089835
 1.00000     0.163368    77.719864     0.210652
 0.001035    0.420376    24.738470

COMB DB-G3-3 ------------------- MIN
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REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224994	-78.273449	-0.170664
-0.000658	-0.423356	-55.237962	
0.25000	-0.224994	-59.547234	-0.170664
-0.000658	-0.218347	-22.332694	
0.50000	-0.224994	-41.707343	-0.170664
-0.000658	-0.038200	-21.660897	
0.75000	-0.224994	-22.667992	-0.170664
-0.000658	-0.252301	-21.679266	
1.00000	-0.224994	-8.199340	-0.170664
-0.000658	-0.507807	-54.007825	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.214520	6.452825	0.233729
0.000886	0.609910	21.462454	
0.25000	0.214520	18.401591	0.233729
0.000886	0.324158	52.201163	
0.50000	0.214520	34.149671	0.233729
0.000886	0.074446	64.634612	
0.75000	0.214520	48.906375	0.233729
0.000886	0.247006	53.181733	
1.00000	0.214520	64.387199	0.233729
0.000886	0.476909	23.286182	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248700	-64.926300	-0.190785
-0.000806	-0.466622	-47.002578	
0.25000	-0.248700	-49.436885	-0.190785
-0.000806	-0.235807	-19.715365	
0.50000	-0.248700	-34.680596	-0.190785
-0.000806	-0.035152	-19.090109	
0.75000	-0.248700	-18.932171	-0.190785
-0.000806	-0.284772	-19.035726	
1.00000	-0.248700	-6.964407	-0.190785
-0.000806	-0.568940	-45.706759	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305399	0.192937	0.122456
3.42E-06	0.295421	3.872776	
0.25000	0.305399	0.201000	0.122456
3.42E-06	0.144432	4.018230	
0.50000	0.305399	0.220192	0.122456
3.42E-06	0.016871	4.157314	
0.75000	0.305399	0.241089	0.122456
3.42E-06	0.143224	4.271321	
1.00000	0.305399	0.259421	0.122456
3.42E-06	0.274908	4.378737	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.144406	-0.335276	-0.106289
-0.000304	-0.250973	-3.461508	
0.25000	-0.144406	-0.316942	-0.106289
-0.000304	-0.119321	-3.473520	
0.50000	-0.144406	-0.296044	-0.106289
-0.000304	-0.009484	-3.513116	
0.75000	-0.144406	-0.276848	-0.106289
-0.000304	-0.158900	-3.552892	
1.00000	-0.144406	-0.268777	-0.106289
-0.000304	-0.309859	-3.620416	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4938

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.379189	0.648826	0.205505
8.21E-05	0.498434	7.958228	
0.25000	0.379189	0.882659	0.205505
8.21E-05	0.245195	8.850620	
0.50000	0.379189	1.439239	0.205505
8.21E-05	0.033152	9.454399	
0.75000	0.379189	2.045230	0.205505
8.21E-05	0.220368	9.308368	
1.00000	0.379189	2.576858	0.205505
8.21E-05	0.453117	8.902063	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.267327	-2.753357	-0.175303
-0.000563	-0.414620	-7.412453	
0.25000	-0.267327	-2.221674	-0.175303
-0.000563	-0.197665	-6.673587	
0.50000	-0.267327	-1.615626	-0.175303
-0.000563	-0.035547	-6.735547	
0.75000	-0.267327	-1.058936	-0.175303
-0.000563	-0.264762	-6.802465	
1.00000	-0.267327	-0.824876	-0.175303
-0.000563	-0.518074	-7.673297	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.397604	0.782302	0.234316
0.000278	0.579072	12.413647	
0.25000	0.397604	0.789559	0.234316
0.000278	0.290349	12.560488	
0.50000	0.397604	0.806832	0.234316
0.000278	0.049123	12.816360	
0.75000	0.397604	0.825639	0.234316
0.000278	0.265612	13.283474	
1.00000	0.397604	0.842138	0.234316
0.000278	0.511757	13.843943	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.237778	-1.141657	-0.198546
-0.000726	-0.471196	-8.574742	
0.25000	-0.237778	-1.125157	-0.198546
-0.000726	-0.225753	-8.630434	
0.50000	-0.237778	-1.106348	-0.198546
-0.000726	-0.022935	-8.710964	
0.75000	-0.237778	-1.089072	-0.198546
-0.000726	-0.296580	-8.791488	
1.00000	-0.237778	-1.081808	-0.198546
-0.000726	-0.584256	-8.896837	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419892	6.422521	0.287876
0.000471	0.728413	19.301837	
0.25000	0.419892	12.064742	0.287876
0.000471	0.379356	36.744315	
0.50000	0.419892	25.494640	0.287876
0.000471	0.076334	46.871920	
0.75000	0.419892	40.116793	0.287876
0.000471	0.315485	37.585816	
1.00000	0.419892	52.944605	0.287876
0.000471	0.604545	20.947653	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.271815	-53.340492	-0.240261
-0.000716	-0.594552	-39.427892	
0.25000	-0.271815	-40.511351	-0.240261
-0.000716	-0.297721	-20.068728	
0.50000	-0.271815	-25.887810	-0.240261
-0.000716	-0.037652	-20.034330	
0.75000	-0.271815	-12.455267	-0.240261
-0.000716	-0.358694	-20.119789	
1.00000	-0.271815	-6.807567	-0.240261
-0.000716	-0.711119	-39.602320	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4939

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071463	0.322428	0.084121
0.000149	0.207099	4.902657	
0.25000	0.071463	0.330491	0.084121
0.000149	0.103430	5.027878	
0.50000	0.071463	0.349683	0.084121
0.000149	0.019478	5.147129	
0.75000	0.071463	0.370580	0.084121
0.000149	0.093755	5.287614	
1.00000	0.071463	0.388912	0.084121
0.000149	0.180518	5.449426	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.116524	-0.516601	-0.070199
-0.000303	-0.166367	-3.256150	
0.25000	-0.116524	-0.498267	-0.070199
-0.000303	-0.079862	-3.256385	
0.50000	-0.116524	-0.477369	-0.070199
-0.000303	-0.008570	-3.284103	
0.75000	-0.116524	-0.458172	-0.070199
-0.000303	-0.105823	-3.312064	
1.00000	-0.116524	-0.450101	-0.070199
-0.000303	-0.209475	-3.367682	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.160773	8.944984	0.152955
0.000292	0.394963	17.485294	
0.25000	0.160773	17.532288	0.152955
0.000292	0.216312	44.005424	
0.50000	0.160773	37.972218	0.152955
0.000292	0.070084	59.274606	
0.75000	0.160773	60.226727	0.152955
0.000292	0.164568	44.565595	
1.00000	0.160773	79.750394	0.152955
0.000292	0.296975	18.592299	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.110844	-80.066097	-0.117673
-0.000434	-0.301213	-52.055294	
0.25000	-0.110844	-60.540502	-0.117673
-0.000434	-0.156654	-22.518478	
0.50000	-0.110844	-38.283881	-0.117673
-0.000434	-0.035393	-22.393779	
0.75000	-0.110844	-17.839224	-0.117673
-0.000434	-0.199819	-22.451638	
1.00000	-0.110844	-9.244281	-0.117673
-0.000434	-0.384840	-52.031498	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.315298	8.231632	0.231993
0.000256	0.582774	19.020228	
0.25000	0.315298	16.003746	0.231993
0.000256	0.306147	43.129965	
0.50000	0.315298	34.503323	0.231993
0.000256	0.070683	57.051811	
0.75000	0.315298	54.645221	0.231993
0.000256	0.256719	43.829750	
1.00000	0.315298	72.315429	0.231993
0.000256	0.475121	20.424020	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.202896	-72.669374	-0.186073
-0.000630	-0.460006	-49.921428	
0.25000	-0.202896	-54.997335	-0.186073
-0.000630	-0.230600	-23.176172	
0.50000	-0.202896	-34.853525	-0.186073
-0.000630	-0.039474	-23.026837	
0.75000	-0.202896	-16.350305	-0.186073
-0.000630	-0.301768	-23.110105	
1.00000	-0.202896	-8.570643	-0.186073
-0.000630	-0.584380	-49.912842	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4940

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.328286	5.529445	0.302234
0.000624	0.771051	19.330327	
0.25000	0.328286	10.216178	0.302234
0.000624	0.403443	33.838184	
0.50000	0.328286	21.371774	0.302234
0.000624	0.075376	42.314399	
0.75000	0.328286	33.517731	0.302234
0.000624	0.328495	34.725935	
1.00000	0.328286	44.173192	0.302234
0.000624	0.638304	21.076390	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.282786	-44.605436	-0.256232
-0.000697	-0.637698	-34.477587	
0.25000	-0.282786	-33.948861	-0.256232
-0.000697	-0.321396	-18.367898	
0.50000	-0.282786	-21.801761	-0.256232
-0.000697	-0.033612	-18.203002	
0.75000	-0.282786	-10.643968	-0.256232
-0.000697	-0.367258	-18.368249	
1.00000	-0.282786	-5.952684	-0.256232
-0.000697	-0.738212	-34.558584	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.087963	0.413987	0.188336
0.000638	0.491072	7.019854	
0.25000	0.087963	0.422051	0.188336
0.000638	0.257761	7.156029	
0.50000	0.087963	0.441243	0.188336
0.000638	0.026237	7.333731	
0.75000	0.087963	0.462139	0.188336
0.000638	0.202076	7.597709	
1.00000	0.087963	0.480471	0.188336
0.000638	0.416074	7.901318	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.214600	-0.702120	-0.173157
-0.000226	-0.439601	-3.719617	
0.25000	-0.214600	-0.683787	-0.173157
-0.000226	-0.225451	-3.706372	
0.50000	-0.214600	-0.662888	-0.173157
-0.000226	-0.010624	-3.720695	
0.75000	-0.214600	-0.643692	-0.173157
-0.000226	-0.208186	-3.734894	
1.00000	-0.214600	-0.635621	-0.173157
-0.000226	-0.441338	-3.778154	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200749	12.476713	0.279331
0.000750	0.736182	21.768094	
0.25000	0.200749	24.668265	0.279331
0.000750	0.403890	59.411733	
0.50000	0.200749	53.687209	0.279331
0.000750	0.086779	81.047932	
0.75000	0.200749	85.282343	0.279331
0.000750	0.290689	60.099593	
1.00000	0.200749	113.000317	0.279331
0.000750	0.561892	23.108977	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256753	-113.406337	-0.234483
-0.000309	-0.561316	-71.296389	
0.25000	-0.256753	-85.685492	-0.234483
-0.000309	-0.329952	-29.351996	
0.50000	-0.256753	-54.087359	-0.234483
-0.000309	-0.044371	-29.126635	
0.75000	-0.256753	-25.062700	-0.234483
-0.000309	-0.329463	-29.159980	
1.00000	-0.256753	-12.859309	-0.234483
-0.000309	-0.670301	-71.118961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4941

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.213262	9.404658	0.302583
0.000848	0.787384	22.523929	
0.25000	0.213262	18.192735	0.302583
0.000848	0.425257	49.743320	
0.50000	0.213262	39.110557	0.302583
0.000848	0.088615	65.500087	
0.75000	0.213262	61.885383	0.302583
0.000848	0.322551	50.628466	
1.00000	0.213262	81.865422	0.302583
0.000848	0.628105	24.267968	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259959	-82.347761	-0.257903
-0.000519	-0.663288	-55.380477	
0.25000	-0.259959	-62.365652	-0.257903
-0.000519	-0.344894	-25.155012	
0.50000	-0.259959	-39.588665	-0.257903
-0.000519	-0.042555	-25.028990	
0.75000	-0.259959	-18.666723	-0.257903
-0.000519	-0.359499	-25.090209	
1.00000	-0.259959	-9.870111	-0.257903
-0.000519	-0.729437	-55.363172	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.279289	7.961291	0.327342
0.000726	0.839042	21.713566	
0.25000	0.279289	15.254452	0.327342
0.000726	0.444125	44.363948	
0.50000	0.279289	32.613999	0.327342
0.000726	0.085965	57.507193	
0.75000	0.279289	51.514659	0.327342
0.000726	0.354208	45.267957	
1.00000	0.279289	68.095947	0.327342
0.000726	0.687028	23.519555	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320182	-68.568311	-0.278079
-0.000647	-0.701576	-48.396398	
0.25000	-0.320182	-51.985306	-0.278079
-0.000647	-0.358021	-23.273667	
0.50000	-0.320182	-33.082851	-0.278079
-0.000647	-0.041638	-23.167574	
0.75000	-0.320182	-15.719886	-0.278079
-0.000647	-0.396062	-29.159980	
1.00000	-0.320182	-8.419642	-0.278079
-0.000647	-0.797192	-48.363441	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.263781	10.693680	0.233729
0.001035	0.609910	23.070410	
0.25000	0.263781	31.745418	0.233729
0.001035	0.324158	77.328156	
0.50000	0.263781	59.490913	0.233729
0.001035	0.074446	99.006355	
0.75000	0.263781	85.489771	0.233729
0.001035	0.247006	78.126176	
1.00000	0.263781	112.764407	0.233729
0.001035	0.476909	24.738470	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248700	-113.208206	-0.190785
-0.000866	-0.466622	-76.969024	
0.25000	-0.248700	-85.918435	-0.190785
-0.000866	-0.235807	-29.219036	
0.50000	-0.248700	-59.920309	-0.190785
-0.000866	-0.046278	-28.442981	
0.75000	-0.248700	-32.174206	-0.190785
-0.000866	-0.284772	-28.672707	
1.00000	-0.248700	-11.088996	-0.190785
-0.000866	-0.568940	-75.988170	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4942

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419892	12.476713	0.327342
0.000848	0.839042	22.523929	
0.25000	0.419892	24.668265	0.327342
0.000848	0.444125	59.411733	
0.50000	0.419892	53.687209	0.327342
0.000848	0.088615	81.047932	
0.75000	0.419892	85.282343	0.327342
0.000848	0.354208	60.099593	
1.00000	0.419892	113.000317	0.327342
0.000848	0.687028	24.267968	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320182	-113.406337	-0.278079
-0.000726	-0.701576	-71.296389	
0.25000	-0.320182	-85.685492	-0.278079
-0.000726	-0.358021	-29.351996	
0.50000	-0.320182	-54.087359	-0.278079
-0.000726	-0.046278	-29.126635	
0.75000	-0.320182	-25.062700	-0.278079
-0.000726	-0.396062	-29.159980	
1.00000	-0.320182	-12.859309	-0.278079
-0.000726	-0.797192	-71.118961	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419892	12.476713	0.327342
0.001035	0.839042	23.070410	
0.25000	0.419892	31.745418	0.327342
0.001035	0.444125	77.328156	
0.50000	0.419892	59.490913	0.327342
0.001035	0.088615	99.006355	
0.75000	0.419892	85.489771	0.327342
0.001035	0.354208	78.126176	
1.00000	0.419892	113.000317	0.327342
0.001035	0.687028	24.738470	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320182	-113.406337	-0.278079
-0.000866	-0.701576	-76.969024	
0.25000	-0.320182	-85.918435	-0.278079
-0.000866	-0.358021	-29.351996	
0.50000	-0.320182	-59.920309	-0.278079
-0.000866	-0.046278	-29.126635	
0.75000	-0.320182	-32.174206	-0.278079
-0.000866	-0.396062	-29.159980	
1.00000	-0.320182	-12.859309	-0.278079
-0.000866	-0.797192	-75.988170	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.419892	12.476713	0.327342
0.001035	0.839042	23.070410	
0.25000	0.419892	31.745418	0.327342
0.001035	0.444125	77.328156	
0.50000	0.419892	59.490913	0.327342
0.001035	0.088615	99.006355	
0.75000	0.419892	85.489771	0.327342
0.001035	0.354208	78.126176	
1.00000	0.419892	113.000317	0.327342
0.001035	0.687028	24.738470	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.320182	-113.406337	-0.278079
-0.000866	-0.701576	-76.969024	
0.25000	-0.320182	-85.918435	-0.278079
-0.000866	-0.358021	-29.351996	
0.50000	-0.320182	-59.920309	-0.278079
-0.000866	-0.046278	-29.126635	
0.75000	-0.320182	-32.174206	-0.278079
-0.000866	-0.396062	-29.159980	
1.00000	-0.320182	-12.859309	-0.278079
-0.000866	-0.797192	-75.988170	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4943

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 483 ========== LENGTH = 4.942686

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154372	0.119979	0.107692
6.16E-06	0.262089	3.421895	
0.25000	0.154372	0.143800	0.107692
6.16E-06	0.129029	3.465654	
0.50000	0.154372	0.175186	0.107692
6.16E-06	0.013608	3.487056	
0.75000	0.154372	0.204594	0.107692
6.16E-06	0.139146	3.471835	
1.00000	0.154372	0.235442	0.107692
6.16E-06	0.267905	3.432859	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.121805	-0.222158	-0.104298
-6.56E-06	-0.247915	-1.610787	
0.25000	-0.121805	-0.191310	-0.104298
-6.56E-06	-0.119088	-1.447379	
0.50000	-0.121805	-0.161901	-0.104298
-6.56E-06	-0.004692	-1.565978	
0.75000	-0.121805	-0.130516	-0.104298
-6.56E-06	-0.137161	-1.610241	
1.00000	-0.121805	-0.106694	-0.104298
-6.56E-06	-0.270224	-1.873662	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228310	0.632798	0.177978
0.000172	0.433363	7.563397	
0.25000	0.228310	1.299798	0.177978
0.000172	0.213727	9.096242	
0.50000	0.228310	2.178594	0.177978
0.000172	0.028012	9.682215	
0.75000	0.228310	3.002024	0.177978
0.000172	0.236090	9.108854	
1.00000	0.228310	3.865759	0.177978
0.000172	0.453552	7.592660	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.196112	-3.859561	-0.176544
-0.000173	-0.420230	-5.080728	
0.25000	-0.196112	-2.995833	-0.176544
-0.000173	-0.202405	-3.378142	
0.50000	-0.196112	-2.172389	-0.176544
-0.000173	-0.009627	-3.573307	
0.75000	-0.196112	-1.293588	-0.176544
-0.000173	-0.227265	-3.819894	
1.00000	-0.196112	-0.626564	-0.176544
-0.000173	-0.446990	-5.554905	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.255533	0.667184	0.190111
0.000402	0.461563	12.323840	
0.25000	0.255533	0.688621	0.190111
0.000402	0.226676	12.618871	
0.50000	0.255533	0.716870	0.190111
0.000402	0.042044	11.873285	
0.75000	0.255533	0.743338	0.190111
0.000402	0.261984	12.046624	
1.00000	0.255533	0.771101	0.190111
0.000402	0.503661	12.384765	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.186938	-0.776179	-0.195924
-0.000404	-0.465144	-3.847065	
0.25000	-0.186938	-0.748416	-0.195924
-0.000404	-0.223583	-3.525624	
0.50000	-0.186938	-0.721948	-0.195924
-0.000404	-0.011635	-3.807118	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4944

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.186938	-0.693701	-0.195924
-0.000404	-0.243238	-4.130020	
1.00000	-0.186938	-0.672261	-0.195924
-0.000404	-0.478141	-4.500767	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.263064	6.952228	0.207705
0.000551	0.522592	21.916291	
0.25000	0.263064	19.583535	0.207705
0.000551	0.272221	54.108740	
0.50000	0.263064	36.225737	0.207705
0.000551	0.074441	66.739574	
0.75000	0.263064	51.819445	0.207705
0.000551	0.279076	54.153118	
1.00000	0.263064	68.176430	0.207705
0.000551	0.523434	22.000734	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.224987	-68.193352	-0.203163
-0.000551	-0.497691	-48.049726	
0.25000	-0.224987	-51.836490	-0.203163
-0.000551	-0.248077	-19.276791	
0.50000	-0.224987	-36.242349	-0.203163
-0.000551	-0.034338	-19.236355	
0.75000	-0.224987	-19.600230	-0.203163
-0.000551	-0.266859	-19.874817	
1.00000	-0.224987	-6.968476	-0.203163
-0.000551	-0.521810	-48.700308	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074905	0.296257	0.067618
0.000263	0.164266	5.152079	
0.25000	0.074905	0.320078	0.067618
0.000263	0.080747	5.020170	
0.50000	0.074905	0.351464	0.067618
0.000263	0.017288	4.948354	
0.75000	0.074905	0.380872	0.067618
0.000263	0.097083	5.034396	
1.00000	0.074905	0.411719	0.067618
0.000263	0.186871	5.179216	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064734	-0.418769	-0.072831
-0.000278	-0.173278	-1.536753	
0.25000	-0.064734	-0.387921	-0.072831
-0.000278	-0.083397	-1.377422	
0.50000	-0.064734	-0.358512	-0.072831
-0.000278	-0.004558	-1.484797	
0.75000	-0.064734	-0.327127	-0.072831
-0.000278	-0.086471	-1.610843	
1.00000	-0.064734	-0.303304	-0.072831
-0.000278	-0.169982	-1.790047	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.130135	8.958300	0.112506
0.000442	0.284951	20.503489	
0.25000	0.130135	26.252650	0.112506
0.000442	0.153195	64.801439	
0.50000	0.130135	49.038578	0.112506
0.000442	0.069654	82.191164	
0.75000	0.130135	70.388945	0.112506
0.000442	0.155892	64.838304	
1.00000	0.130135	92.784364	0.112506
0.000442	0.275247	20.567639	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082529	-92.805555	-0.103767
-0.000444	-0.260773	-62.889017	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4945
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.082529	-70.410304	-0.103767
-0.000444	-0.134283	-23.703800	
0.500000	-0.082529	-49.059344	-0.103767
-0.000444	-0.038149	-23.435088	
0.75000	-0.082529	-26.273529	-0.103767
-0.000444	-0.154413	-24.059104	
1.00000	-0.082529	-8.978568	-0.103767
-0.000444	-0.288432	-63.275829	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222683	8.168580	0.183942
0.000484	0.457625	21.346307	
0.25000	0.222683	23.713813	0.183942
0.000484	0.236871	61.390948	
0.50000	0.222683	44.389889	0.183942
0.000484	0.073852	77.109742	
0.75000	0.222683	63.684622	0.183942
0.000484	0.248876	61.428372	
1.00000	0.222683	83.923788	0.183942
0.000484	0.456463	21.411569	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154918	-83.944544	-0.174577
-0.000487	-0.427388	-58.045798	
0.25000	-0.154918	-63.705530	-0.174577
-0.000487	-0.213410	-22.546167	
0.50000	-0.154918	-44.410262	-0.174577
-0.000487	-0.038194	-22.397789	
0.75000	-0.154918	-23.818288	-0.174577
-0.000487	-0.244407	-23.082828	
1.00000	-0.154918	-8.188502	-0.174577
-0.000487	-0.467175	-58.604830	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.235057	5.888468	0.202121
0.000766	0.506442	21.768959	
0.25000	0.235057	16.143589	0.202121
0.000766	0.266032	47.764791	
0.50000	0.235057	29.655079	0.202121
0.000766	0.072403	57.960909	
0.75000	0.235057	42.315317	0.202121
0.000766	0.273840	47.814974	
1.00000	0.235057	55.595246	0.202121
0.000766	0.520360	21.863626	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.232832	-55.625939	-0.203868
-0.000766	-0.501143	-39.809671	
0.25000	-0.232832	-42.346111	-0.203868
-0.000766	-0.250476	-16.390845	
0.50000	-0.232832	-29.685521	-0.203868
-0.000766	-0.030367	-16.411062	
0.75000	-0.232832	-16.174098	-0.203868
-0.000766	-0.257494	-17.003511	
1.00000	-0.232832	-5.918614	-0.203868
-0.000766	-0.504310	-40.480478	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075131	0.441136	0.095723
0.000512	0.245052	7.697219	
0.25000	0.075131	0.464957	0.095723
0.000512	0.127233	7.528005	
0.50000	0.075131	0.496343	0.095723
0.000512	0.023668	7.456075	
0.75000	0.075131	0.525751	0.095723
0.000512	0.123678	7.559059	
1.00000	0.075131	0.556599	0.095723
0.000512	0.251379	7.760186	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4946
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.173880	-0.577890	-0.103355
-0.000509	-0.259519	-1.690618	
0.25000	-0.173880	-0.547043	-0.103355
-0.000509	-0.131795	-1.519233	
0.50000	-0.173880	-0.517634	-0.103355
-0.000509	-0.005005	-1.623530	
0.75000	-0.173880	-0.486248	-0.103355
-0.000509	-0.110121	-1.775053	
1.00000	-0.173880	-0.462216	-0.103355
-0.000509	-0.228272	-1.979734	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.131876	10.886717	0.147933
0.000682	0.391422	24.379698	
0.25000	0.131876	31.944851	0.147933
0.000682	0.219839	78.416359	
0.50000	0.131876	59.689700	0.147933
0.000682	0.081324	99.647592	
0.75000	0.131876	85.786565	0.147933
0.000682	0.185770	78.471167	
1.00000	0.131876	112.955919	0.147933
0.000682	0.342824	24.477309	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.222804	-112.991173	-0.135624
-0.000688	-0.355264	-75.963544	
0.25000	-0.222804	-85.722024	-0.135624
-0.000688	-0.189373	-28.294151	
0.50000	-0.222804	-59.724437	-0.135624
-0.000688	-0.044535	-27.908175	
0.75000	-0.222804	-31.979726	-0.135624
-0.000688	-0.186075	-28.627117	
1.00000	-0.222804	-10.920847	-0.135624
-0.000688	-0.361364	-76.337731	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171893	7.924471	0.172052
0.000869	0.440057	24.702716	
0.25000	0.171893	22.374544	0.172052
0.000869	0.235759	61.507066	
0.50000	0.171893	41.413034	0.172052
0.000869	0.080845	75.955346	
0.75000	0.171893	59.252060	0.172052
0.000869	0.231070	61.569027	
1.00000	0.171893	77.964265	0.172052
0.000869	0.437579	24.819542	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.221892	-78.003872	-0.173136
-0.000877	-0.437340	-53.992682	
0.25000	-0.221892	-59.2912807	-0.173136
-0.000877	-0.224794	-21.145835	
0.50000	-0.221892	-41.452286	-0.173136
-0.000877	-0.036340	-21.012380	
0.75000	-0.221892	-22.413890	-0.173136
-0.000877	-0.216827	-21.671660	
1.00000	-0.221892	-7.963307	-0.173136
-0.000877	-0.424959	-54.576583	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217049	6.678521	0.208265
0.000838	0.524432	23.266138	
0.25000	0.217049	18.630918	0.208265
0.000838	0.273957	53.636930	
0.50000	0.217049	34.378631	0.208265
0.000838	0.077256	65.549373	
0.75000	0.217049	49.134205	0.208265
0.000838	0.279964	53.693373	
1.00000	0.217049	64.612031	0.208265
0.000838	0.532965	23.372715	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4947
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.250907	-64.647404	-0.209749
-0.000845	-0.519960	-45.711197	
0.25000	-0.250907	-49.169694	-0.209749
-0.000845	-0.262025	-18.465992	
0.50000	-0.250907	-34.413710	-0.209749
-0.000845	-0.033297	-18.436673	
0.75000	-0.250907	-18.666076	-0.209749
-0.000845	-0.263401	-19.070649	
1.00000	-0.250907	-6.713256	-0.209749
-0.000845	-0.517047	-46.376651	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316838	0.218512	0.139175
5.01E-06	0.337755	4.407054	
0.25000	0.316838	0.226577	0.139175
5.01E-06	0.165880	4.396467	
0.50000	0.316838	0.245768	0.139175
5.01E-06	0.017919	4.378848	
0.75000	0.316838	0.266666	0.139175
5.01E-06	0.186645	4.335099	
1.00000	0.316838	0.284998	0.139175
5.01E-06	0.362556	4.284981	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153065	-0.249691	-0.142014
-5.20E-06	-0.339193	-3.650545	
0.25000	-0.153065	-0.231357	-0.142014
-5.20E-06	-0.163190	-3.635628	
0.50000	-0.153065	-0.210459	-0.142014
-5.20E-06	-0.008928	-3.648280	
0.75000	-0.153065	-0.191267	-0.142014
-5.20E-06	-0.177328	-3.661223	
1.00000	-0.153065	-0.183200	-0.142014
-5.20E-06	-0.349285	-3.701749	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.388931	0.723271	0.228772
0.000147	0.555969	8.943770	
0.25000	0.388931	0.957166	0.228772
0.000147	0.273905	9.553902	
0.50000	0.388931	1.513718	0.228772
0.000147	0.035035	9.864840	
0.75000	0.388931	2.119753	0.228772
0.000147	0.307559	9.445465	
1.00000	0.388931	2.651379	0.228772
0.000147	0.595377	8.727638	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.281109	-2.593454	-0.232708
-0.000148	-0.555164	-7.721005	
0.25000	-0.281109	-2.061776	-0.232708
-0.000148	-0.266957	-6.942065	
0.50000	-0.281109	-1.455742	-0.232708
-0.000148	-0.016709	-6.963193	
0.75000	-0.281109	-0.899179	-0.232708
-0.000148	-0.291770	-6.992603	
1.00000	-0.281109	-0.665342	-0.232708
-0.000148	-0.574333	-7.821620	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.407913	0.920142	0.249209
0.000346	0.609262	13.879873	
0.25000	0.407913	0.927401	0.249209
0.000346	0.302680	13.610628	
0.50000	0.407913	0.944673	0.249209
0.000346	0.051598	13.435532	
0.75000	0.407913	0.963481	0.249209
0.000346	0.340487	13.477509	
1.00000	0.407913	0.979980	0.249209
0.000346	0.660976	13.611931	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4948
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252820	-0.904174	-0.258195
-0.000347	-0.615329	-8.940012	
0.25000	-0.252820	-0.887674	-0.258195
-0.000347	-0.295982	-8.956153	
0.50000	-0.252820	-0.868866	-0.258195
-0.000347	-0.022297	-8.997118	
0.75000	-0.252820	-0.851593	-0.258195
-0.000347	-0.315396	-9.038057	
1.00000	-0.252820	-0.844336	-0.258195
-0.000347	-0.622435	-9.103964	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.430200	6.610466	0.269002
0.000464	0.677309	20.960523	
0.25000	0.430200	12.254183	0.269002
0.000464	0.351848	37.955947	
0.50000	0.430200	25.683403	0.269002
0.000464	0.079033	47.586117	
0.75000	0.430200	40.308699	0.269002
0.000464	0.364008	37.827072	
1.00000	0.430200	53.134381	0.269002
0.000464	0.700305	20.689933	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.283109	-53.062396	-0.277358
-0.000464	-0.683229	-39.623957	
0.25000	-0.283109	-40.233364	-0.277358
-0.000464	-0.340285	-20.271053	
0.50000	-0.283109	-25.610183	-0.277358
-0.000464	-0.003663	-20.222057	
0.75000	-0.283109	-12.180705	-0.277358
-0.000464	-0.337644	-20.377842	
1.00000	-0.283109	-6.538387	-0.277358
-0.000464	-0.667488	-39.823353	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068324	0.384899	0.087383
0.000227	0.213822	5.459979	
0.25000	0.068324	0.392964	0.087383
0.000227	0.176431	5.427588	
0.50000	0.068324	0.412155	0.087383
0.000227	0.020421	5.384749	
0.75000	0.068324	0.433053	0.087383
0.000227	0.119619	5.377115	
1.00000	0.068324	0.451385	0.087383
0.000227	0.230402	5.359912	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.120028	-0.423702	-0.089737
-0.000228	-0.213458	-3.382267	
0.25000	-0.120028	-0.405368	-0.089737
-0.000228	-0.102458	-3.370625	
0.50000	-0.120028	-0.384471	-0.089737
-0.000228	-0.008495	-3.386628	
0.75000	-0.120028	-0.365279	-0.089737
-0.000228	-0.110613	-3.402872	
1.00000	-0.120028	-0.357216	-0.089737
-0.000228	-0.218218	-3.446709	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.160353	9.107642	0.137556
0.000366	0.350979	18.597103	
0.25000	0.160353	17.697222	0.137556
0.000366	0.191253	44.830486	
0.50000	0.160353	38.136122	0.137556
0.000366	0.071991	59.758871	
0.75000	0.160353	60.392218	0.137556
0.000366	0.195490	44.747967	
1.00000	0.160353	79.915744	0.137556
0.000366	0.355925	18.417042	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4949
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.115865	-79.876575	-0.139050
-0.000367	-0.350930	-52.045360	
0.25000	-0.115865	-60.351147	-0.139050
-0.000367	-0.170379	-22.547330	
0.50000	-0.115865	-38.095071	-0.139050
-0.000367	-0.034820	-22.430895	
0.75000	-0.115865	-17.655781	-0.139050
-0.000367	-0.183563	-22.623416	
1.00000	-0.115865	-9.068330	-0.139050
-0.000367	-0.349464	-52.175819	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.320806	8.400826	0.230262
0.000415	0.574176	20.448643	
0.25000	0.320806	16.175001	0.230262
0.000415	0.298923	44.177833	
0.50000	0.320806	34.673645	0.230262
0.000415	0.079517	57.673332	
0.75000	0.320806	54.816980	0.230262
0.000415	0.318267	44.054281	
1.00000	0.320806	72.487145	0.230262
0.000415	0.596673	20.188786	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.215347	-72.426847	-0.232988
-0.000422	-0.572869	-49.948257	
0.25000	-0.215347	-54.754959	-0.232988
-0.000422	-0.284537	-23.261040	
0.50000	-0.215347	-34.611644	-0.232988
-0.000422	-0.038697	-23.166014	
0.75000	-0.215347	-16.112646	-0.232988
-0.000422	-0.301239	-23.350778	
1.00000	-0.215347	-8.340398	-0.232988
-0.000422	-0.581896	-50.108286	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.336091	5.737493	0.268019
0.000639	0.678430	21.070258	
0.25000	0.336091	10.425468	0.268019
0.000639	0.355362	35.108033	
0.50000	0.336091	21.580501	0.268019
0.000639	0.078167	43.072025	
0.75000	0.336091	33.727315	0.268019
0.000639	0.358373	34.986932	
1.00000	0.336091	44.382760	0.268019
0.000639	0.696617	20.818770	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.293743	-44.312235	-0.278114
-0.000644	-0.688522	-34.560502	
0.25000	-0.293743	-33.655751	-0.278114
-0.000644	-0.344441	-18.499378	
0.50000	-0.293743	-21.508949	-0.278114
-0.000644	-0.034890	-18.473852	
0.75000	-0.293743	-10.353707	-0.278114
-0.000644	-0.328745	-18.616894	
1.00000	-0.293743	-5.666889	-0.278114
-0.000644	-0.657740	-34.783592	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095612	0.522046	0.139473
0.000418	0.365304	7.857505	
0.25000	0.095612	0.530111	0.139473
0.000418	0.192428	7.760367	
0.50000	0.095612	0.549303	0.139473
0.000418	0.027374	7.704040	
0.75000	0.095612	0.570201	0.139473
0.000418	0.171338	7.734181	
1.00000	0.095612	0.588533	0.139473
0.000418	0.354556	7.804639	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4950
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.219443	-0.561420	-0.147910
-0.000439	-0.376422	-3.733564	
0.25000	-0.219443	-0.543096	-0.147910
-0.000439	-0.193475	-3.739789	
0.50000	-0.219443	-0.522189	-0.147910
-0.000439	-0.010006	-3.774039	
0.75000	-0.219443	-0.502997	-0.147910
-0.000439	-0.152251	-3.808578	
1.00000	-0.219443	-0.494933	-0.147910
-0.000439	-0.325157	-3.870418	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210925	12.678851	0.198373
0.000525	0.531581	23.055135	
0.25000	0.210925	24.873635	0.198373
0.000525	0.298749	60.382308	
0.50000	0.210925	53.891115	0.198373
0.000525	0.088603	81.628328	
0.75000	0.210925	85.488503	0.198373
0.000525	0.255785	82.332133	
1.00000	0.210925	113.206410	0.198373
0.000525	0.489630	22.930812	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261505	-113.176367	-0.202306
-0.000522	-0.537575	-71.070502	
0.25000	-0.261505	-85.455759	-0.202306
-0.000522	-0.287902	-29.193083	
0.50000	-0.261505	-53.858401	-0.202306
-0.000522	-0.040436	-29.102146	
0.75000	-0.261505	-24.840366	-0.202306
-0.000522	-0.238092	-29.304008	
1.00000	-0.261505	-12.648604	-0.202306
-0.000522	-0.479449	-71.261614	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220982	9.646514	0.235030
0.000682	0.614224	24.224364	
0.25000	0.220982	18.436921	0.235030
0.000682	0.333811	50.995762	
0.50000	0.220982	39.353688	0.235030
0.000682	0.091254	66.253294	
0.75000	0.220982	62.130139	0.235030
0.000682	0.309695	50.909788	
1.00000	0.220982	82.110130	0.235030
0.000682	0.599816	24.035517	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.266920	-82.056507	-0.243969
-0.000709	-0.625618	-55.325893	
0.25000	-0.266920	-62.215682	-0.243969
-0.000709	-0.324405	-25.164545	
0.50000	-0.266920	-39.298139	-0.243969
-0.000709	-0.041586	-25.071619	
0.75000	-0.266920	-18.380972	-0.243969
-0.000709	-0.282825	-25.295070	
1.00000	-0.266920	-9.592744	-0.243969
-0.000709	-0.569989	-55.564952	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.286828	8.193650	0.279517
0.000674	0.714885	23.497770	
0.25000	0.286828	15.488744	0.279517
0.000674	0.377886	45.669237	
0.50000	0.286828	32.847415	0.279517
0.000674	0.088771	58.290399	
0.75000	0.286828	51.749424	0.279517
0.000674	0.370348	45.556893	
1.00000	0.286828	68.330972	0.279517
0.000674	0.716906	23.259570	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4951
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331346	-68.265114	-0.287870

```
-0.000693   -0.722405   -48.349931
 0.25000    -0.331346   -51.682250    -0.287870
-0.000693   -0.366776   -23.328982
 0.50000    -0.331346   -32.780259    -0.287870
-0.000693   -0.040666   -23.261539
 0.75000    -0.331346   -15.421256    -0.287870
-0.000693   -0.342486   -23.456586
 1.00000    -0.331346    -8.127970    -0.287870
-0.000693   -0.685123   -48.591059

COMB       DB ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.263064    10.886717    0.208265
 0.000869   0.524432    24.702716
 0.25000    0.263064    31.944851    0.208265
 0.000869   0.273957    78.416359
 0.50000    0.263064    59.689700    0.208265
 0.000869   0.081324    99.647592
 0.75000    0.263064    85.686565    0.208265
 0.000869   0.279964    78.471167
 1.00000    0.263064   112.955919    0.208265
 0.000869   0.532965    24.819542

COMB       DB ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.250907  -112.991173   -0.209749
-0.000877  -0.519960    75.963544
 0.25000   -0.250907    85.722024   -0.209749
-0.000877  -0.262025    28.294151
 0.50000   -0.250907    59.724437   -0.209749
-0.000877  -0.044535    27.908175
 0.75000   -0.250907    31.979726   -0.209749
-0.000877  -0.268859    28.627117
 1.00000   -0.250907    10.920847   -0.209749
-0.000877  -0.521810    76.337731

COMB       DL ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.430200    12.678851    0.279517
 0.000682   0.714885    24.224364
 0.25000    0.430200    24.873635    0.279517
 0.000682   0.377886    60.382308
 0.50000    0.430200    53.891115    0.279517
 0.000682   0.091254    81.628328
 0.75000    0.430200    85.488503    0.279517
 0.000682   0.370348    60.332133
 1.00000    0.430200   113.206410    0.279517
 0.000682   0.716906    24.035517

COMB       DL ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.331346  -113.176367   -0.287870
-0.000709  -0.722405   -71.070502
 0.25000   -0.331346   -85.455759   -0.287870
-0.000709  -0.366776   -29.193083
 0.50000   -0.331346   -53.858401   -0.287870
-0.000709  -0.043051   -29.029146
 0.75000   -0.331346   -24.840366   -0.287870
-0.000709  -0.342486   -29.304008
 1.00000   -0.331346   -12.648604   -0.287870
-0.000709  -0.685123   -71.261614

COMB       CAR ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.430200    12.678851    0.279517
 0.000869   0.714885    24.702716
 0.25000    0.430200    31.944851    0.279517
 0.000869   0.377886    78.416359
 0.50000    0.430200    59.689700    0.279517
 0.000869   0.091254    99.647592
 0.75000    0.430200    85.686565    0.279517
 0.000869   0.370348    78.471167
 1.00000    0.430200   113.206410    0.279517
 0.000869   0.716906    24.819542
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4952

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.331346  -113.176367   -0.287870
-0.000877  -0.722405    75.963544
 0.25000   -0.331346   -85.722024   -0.287870
-0.000877  -0.366776   -29.193083
 0.50000   -0.331346   -59.724437   -0.287870
-0.000877  -0.044535   -29.029146
 0.75000   -0.331346   -31.979726   -0.287870
-0.000877  -0.342486   -29.304008
 1.00000   -0.331346   -12.648604   -0.287870
-0.000877  -0.685123   -76.337731

COMB     DESIGN ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.430200    12.678851    0.279517
 0.000869   0.714885    24.702716
 0.25000    0.430200    31.944851    0.279517
 0.000869   0.377886    78.416359
 0.50000    0.430200    59.689700    0.279517
 0.000869   0.091254    99.647592
 0.75000    0.430200    85.686565    0.279517
 0.000869   0.370348    78.471167
 1.00000    0.430200   113.206410    0.279517
 0.000869   0.716906    24.819542

COMB     DESIGN ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.331346  -113.176367   -0.287870
-0.000877  -0.722405   -75.963544
 0.25000   -0.331346   -85.722024   -0.287870
-0.000877  -0.366776   -29.193083
 0.50000   -0.331346   -59.724437   -0.287870
-0.000877  -0.044535   -29.029146
 0.75000   -0.331346   -31.979726   -0.287870
-0.000877  -0.342486   -29.304008
 1.00000   -0.331346   -12.648604   -0.287870
-0.000877  -0.685123   -76.337731

ELEM      484 ================== LENGTH
=    4.943051

COMB DB-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.135041    0.177662    0.115484
 0.000342   0.282830    3.459759
 0.25000    0.135041    0.201512    0.115484
 0.000342   0.140132    3.383193
 0.50000    0.135041    0.232899    0.115484
 0.000342   0.012793    3.284240
 0.75000    0.135041    0.262308    0.115484
 0.000342   0.170449    3.166885
 1.00000    0.135041    0.293170    0.115484
 0.000342   0.330852    2.987050

COMB DB-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.126435   -0.226683   -0.130258
-3.87E-06  -0.313198   -1.872938
 0.25000   -0.126435   -0.195836   -0.130258
-3.87E-06  -0.152321   -1.932248
 0.50000   -0.126435   -0.166426   -0.130258
-3.87E-06  -0.006539   -2.044821
 0.75000   -0.126435   -0.135039   -0.130258
-3.87E-06  -0.145332   -2.158535
 1.00000   -0.126435   -0.111225   -0.130258
-3.87E-06  -0.288038   -2.325373

COMB DB-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.200269    0.762378    0.190830
 0.000666   0.467569    7.634188
 0.25000    0.200269    1.430179    0.190830
 0.000666   0.232091    8.943093
 0.50000    0.200269    2.309013    0.190830
 0.000666   0.026566    9.324402
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4953

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.75000    0.200269    3.132473    0.190830
 0.000666   0.286912    8.482113
 1.00000    0.200269    3.996618    0.190830
 0.000666   0.557002    6.736304

COMB DB-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.202043   -3.807459   -0.219055
-8.63E-05  -0.526883   -5.553482
 0.25000   -0.202043   -2.943731   -0.219055
-8.63E-05  -0.256552   -4.259889
 0.50000   -0.202043   -2.120258   -0.219055
-8.63E-05  -0.012887   -4.457647
 0.75000   -0.202043   -1.241440   -0.219055
-8.63E-05  -0.240766   -4.687364
 1.00000   -0.202043   -0.574629   -0.219055
-8.63E-05  -0.476461   -6.404563

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.232942    0.867925    0.205952
 0.000860   0.503721    12.425448
 0.25000    0.232942    0.889390    0.205952
 0.000860   0.249205    11.768772
 0.50000    0.232942    0.917638    0.205952
 0.000860   0.040090    11.293899
 0.75000    0.232942    0.944106    0.205952
 0.000860   0.322528    11.104413
 1.00000    0.232942    0.971882    0.205952
 0.000860   0.623370    11.102812

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.190241   -0.652151   -0.244327
-0.000306  -0.585858   -4.497571
 0.25000   -0.190241   -0.624388   -0.244327
-0.000306  -0.284443   -4.755897
 0.50000   -0.190241   -0.597920   -0.244327
-0.000306  -0.016090   -5.062159
 0.75000   -0.190241   -0.569672   -0.244327
-0.000306  -0.259953   -5.369449
 1.00000   -0.190241   -0.548239   -0.244327
-0.000306  -0.514464   -5.724551

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.245443    7.174353    0.208391
 0.000849   0.519208    22.026482
 0.25000    0.245443    19.820831    0.208391
 0.000849   0.268138    53.835221
 0.50000    0.245443    36.463747    0.208391
 0.000849   0.072320    66.082839
 0.75000    0.245443    52.058021    0.208391
 0.000849   0.334812    53.008074
 1.00000    0.245443    68.422773    0.208391
 0.000849   0.633996    20.518948

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.220878   -68.018079   -0.247454
-0.000548  -0.603298   -48.697745
 0.25000   -0.220878   -51.661222   -0.247454
-0.000548  -0.301061   -20.528912
 0.50000   -0.220878   -36.066701   -0.247454
-0.000548  -0.039027   -20.602554
 0.75000   -0.220878   -19.424095   -0.247454
-0.000548  -0.277028   -21.281433
 1.00000   -0.220878    -6.796365   -0.247454
-0.000548  -0.525393   -50.129547

COMB DB-G2-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.068999    0.379716    0.073254
 0.000372   0.179062    5.191759
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4954

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
 0.25000    0.068999    0.403566    0.073254
 0.000372   0.088568    4.925514
 0.50000    0.068999    0.434953    0.073254
 0.000372   0.016590    4.724677
 0.75000    0.068999    0.464362    0.073254
 0.000372   0.111063    4.638902
 1.00000    0.068999    0.495224    0.073254
 0.000372   0.226774    4.649289

COMB DB-G2-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.065301   -0.339959   -0.088921
-0.000160  -0.213393   -1.788757
 0.25000   -0.065301   -0.309112   -0.088921
-0.000160  -0.103648   -1.856828
 0.50000   -0.065301   -0.279702   -0.088921
-0.000160  -0.006206   -1.976161
 0.75000   -0.065301   -0.248316   -0.088921
-0.000160  -0.092505   -2.100636
 1.00000   -0.065301   -0.224501   -0.088921
-0.000160  -0.183015   -2.276235

COMB DB-G2-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.128143    9.110324    0.110277
 0.000536   0.279326    20.577384
 0.25000    0.128143    26.425446    0.110277
 0.000536   0.151943    64.625864
 0.50000    0.128143    49.212352    0.110277
 0.000536   0.068347    81.747786
 0.75000    0.128143    70.563494    0.110277
 0.000536   0.197872    63.993760
 1.00000    0.128143    92.969547    0.110277
 0.000536   0.357292    19.521410

COMB DB-G2-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.080226   -92.633164   -0.136124
-0.000334  -0.334777   -63.275728
 0.25000   -0.080226   -70.237920   -0.136124
-0.000334  -0.171289   -24.466434
 0.50000   -0.080226   -48.886439   -0.136124
-0.000334  -0.041088   -24.325763
 0.75000   -0.080226   -26.099958   -0.136124
-0.000334  -0.152588   -25.013732
 1.00000   -0.080226    -8.810506   -0.136124
-0.000334  -0.285631   -64.269969

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.206974    8.366315    0.188079
 0.000758   0.468875    21.442085
 0.25000    0.206974    24.014320    0.188079
 0.000758   0.244508    61.156662
 0.50000    0.206974    44.607280    0.188079
 0.000758   0.072056    76.543247
 0.75000    0.206974    63.902713    0.188079
 0.000758   0.310644    60.405276
 1.00000    0.206974    84.151490    0.188079
 0.000758   0.579276    20.116787

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.155889   -83.779731   -0.223884
-0.000295  -0.544807    -58.604159
 0.25000   -0.155889   -63.540723   -0.223884
-0.000295  -0.272540   -23.622878
 0.50000   -0.155889   -44.244984   -0.223884
-0.000295  -0.042285   -23.587166
 0.75000   -0.155889   -23.652407   -0.223884
-0.000295  -0.249210   -24.300312
 1.00000   -0.155889    -8.027601   -0.223884
-0.000295  -0.478715    -58.586335
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4955

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.223842    6.133516    0.198851
 0.000838   0.496184    21.879577
 0.25000    0.223842    16.400954    0.198851
 0.000838   0.255770    47.460484
 0.50000    0.223842    29.913025    0.198851
 0.000838   0.031265    57.264917
 0.75000    0.223842    42.573722    0.198851
 0.000838   0.317964    46.624125
 1.00000    0.223842    55.859957    0.198851
 0.000838   0.606922    20.308856

COMB DB-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.223650   -55.414793   -0.238147
-0.000740  -0.582020   -40.476447
 0.25000   -0.223650   -42.134968   -0.238147
-0.000740  -0.290717   -17.687444
 0.50000   -0.223650   -29.474070   -0.238147
-0.000740  -0.035078   -17.827975
 0.75000   -0.223650   -15.962251   -0.238147
-0.000740  -0.254891   -18.459918
 1.00000   -0.223650    -5.710035   -0.238147
-0.000740  -0.498714   -41.961971

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.079308    0.556399    0.082277
 0.000261   0.208007    7.742989
 0.25000    0.079308    0.580249    0.082277
 0.000261   0.106340    7.384512
 0.50000    0.079308    0.611636    0.082277
 0.000261   0.022761    7.119844
 0.75000    0.079308    0.641045    0.082277
 0.000261   0.115548    7.028697
 1.00000    0.079308    0.671907    0.082277
 0.000261   0.233585    7.037056

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.160366   -0.464388   -0.095599
-0.000760  -0.238991    -1.974994
 0.25000   -0.160366   -0.433540   -0.095599
-0.000760  -0.120853    -2.087990
 0.50000   -0.160366   -0.404130   -0.095599
-0.000760  -0.006940    -2.254249
 0.75000   -0.160366   -0.372744   -0.095599
-0.000760  -0.137150    -2.421750
 1.00000   -0.160366   -0.348929   -0.095599
-0.000760  -0.198721    -2.642479

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.137475   11.056910    0.119784
 0.000394   0.312684   24.453912
 0.25000    0.137475   32.140337    0.119784
 0.000394   0.175393   78.209610
 0.50000    0.137475   59.886377    0.119784
 0.000394   0.079956   99.134425
 0.75000    0.137475   85.884186    0.119784
 0.000394   0.194580   77.514249
 1.00000    0.137475  113.166488    0.119784
 0.000394   0.358017   23.298380

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.205603  -112.792146   -0.140749
-0.000939  -0.359591   -76.334870
 0.25000   -0.205603   -85.523005   -0.140749
-0.000939  -0.190842   -29.059329
 0.50000   -0.205603   -59.524783   -0.140749
-0.000939  -0.047505   -28.867895
 0.75000   -0.205603   -31.779260   -0.140749
-0.000939  -0.159708   -29.685546
 1.00000   -0.205603   -10.727090   -0.140749
-0.000939  -0.303768   -77.465237
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4956

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.176827    8.161738    0.155339
 0.000660   0.394825    24.806645
 0.25000    0.176827    22.629166    0.155339
 0.000660   0.210314    61.216860
 0.50000    0.176827    41.668474    0.155339
 0.000660   0.078964    75.261829
 0.75000    0.176827    59.508147    0.155339
 0.000660   0.253330    60.166696
 1.00000    0.176827    78.229238    0.155339
 0.000660   0.478323    23.268553

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.204626   -77.751395   -0.188192
-0.001044  -0.467913   -54.571706
 0.25000   -0.204626   -59.039336   -0.188192
-0.001044  -0.239300   -22.300775
 0.50000   -0.204626   -41.199379   -0.188192
-0.001044  -0.040548   -22.338915
 0.75000   -0.204626   -22.160427   -0.188192
-0.001044  -0.200568   -23.069512
 1.00000   -0.204626    -7.714446   -0.188192
-0.001044  -0.389823   -56.025447

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.211306    6.930160    0.199346
 0.000805   0.500095   23.377938
 0.25000    0.211306   18.896913    0.199346
 0.000805   0.259895   53.329401
 0.50000    0.211306   34.645302    0.199346
 0.000805   0.075148   64.832179
 0.75000    0.211306   49.401411    0.199346
 0.000805   0.316997   52.454836
 1.00000    0.211306   64.886587    0.199346
 0.000805   0.604757   21.760259

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.238413   -64.407012   -0.237888
-0.000893  -0.584614   -46.372023
 0.25000   -0.238413   -48.929307   -0.237888
-0.000893  -0.294015   -19.761146
 0.50000   -0.238413   -34.172963   -0.237888
-0.000893  -0.038007   -19.874761
 0.75000   -0.238413   -18.424868   -0.237888
-0.000893  -0.255121   -20.561142
 1.00000   -0.238413    -6.475856   -0.237888
-0.000893  -0.499226   -47.902756

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.303382    0.298794    0.154510
 0.000292   0.371445    4.325276
 0.25000    0.303382    0.306866    0.154510
 0.000292   0.181797    4.156916
 0.50000    0.303382    0.326060    0.154510
 0.000292   0.016391    3.980933
 0.75000    0.303382    0.346959    0.154510
 0.000292   0.232256    3.780684
 1.00000    0.303382    0.365291    0.154510
 0.000292   0.449467    3.573146

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.159118   -0.220987   -0.175959
-3.44E-06  -0.420428   -3.740046
 0.25000   -0.159118   -0.202655   -0.175959
-3.44E-06  -0.204204   -3.697514
 0.50000   -0.159118   -0.181759   -0.175959
-3.44E-06  -0.010103   -3.682637
 0.75000   -0.159118   -0.162566   -0.175959
-3.44E-06  -0.199313   -3.667908
 1.00000   -0.159118   -0.154504   -0.175959
-3.44E-06  -0.391372   -3.656928
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4957

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.374691    0.878355    0.255130
 0.000557   0.611830    8.794320
 0.25000    0.374691    1.112421    0.255130
 0.000557   0.299453    9.095546
 0.50000    0.374691    1.669064    0.255130
 0.000557   0.032306    9.135655
 0.75000    0.374691    2.275134    0.255130
 0.000557   0.388672    8.425696
 1.00000    0.374691    2.806757    0.255130
 0.000557   0.749275    7.424451

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.279617   -2.511262   -0.292150
-8.29E-05  -0.695441    -7.883767
 0.25000   -0.279617    -1.979642   -0.292150
-8.29E-05  -0.336561    -7.063190
 0.50000   -0.279617    -1.373648   -0.292150
-8.29E-05  -0.018758    -7.045405
 0.75000   -0.279617    -0.817075   -0.292150
-8.29E-05  -0.331115    -7.033266
 1.00000   -0.279617    -0.583254   -0.292150
-8.29E-05  -0.647906    -7.822126

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.398699    1.153867    0.272974
 0.000721   0.654954    13.680117
 0.25000    0.398699    1.161131    0.272974
 0.000721   0.321706    12.982102
 0.50000    0.398699    1.178406    0.272974
 0.000721   0.048197    12.380220
 0.75000    0.398699    1.197215    0.272974
 0.000721   0.439500    11.987297
 1.00000    0.398699    1.213714    0.272974
 0.000721   0.840015    11.701532

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.251284   -0.755585   -0.324383
-0.000279  -0.769659    -9.116903
 0.25000   -0.251284   -0.739087   -0.324383
-0.000279  -0.371304    -9.143883
 0.50000   -0.251284   -0.720280   -0.324383
-0.000279  -0.025229    -9.145673
 0.75000   -0.251284   -0.703007   -0.324383
-0.000279  -0.358131    -9.147497
 1.00000   -0.251284   -0.695751   -0.324383
-0.000279  -0.697076    -9.174166

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
 0.00000    0.419911    6.881231    0.264954
 0.000712   0.650647   20.736299
 0.25000    0.419911   12.529072    0.264954
 0.000712   0.333175   37.246651
 0.50000    0.419911   25.960493    0.264954
 0.000712   0.075303   46.397405
 0.75000    0.419911   40.584538    0.264954
 0.000712   0.437145   36.135437
 1.00000    0.419911   53.412232    0.264954
 0.000712   0.828208   18.542279

COMB DL-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
 0.00000   -0.278546   -52.857717   -0.322382
-0.000480  -0.784532    -39.864171
 0.25000   -0.278546   -40.030108   -0.322382
-0.000480  -0.388789    -20.494150
 0.50000   -0.278546   -25.407891   -0.322382
-0.000480  -0.039812    -20.495430
 0.75000   -0.278546   -11.978152   -0.322382
-0.000480  -0.348154    -20.633341
 1.00000   -0.278546    -6.336235   -0.322382
-0.000480  -0.675251    -40.098768
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   4958

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX
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REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.066589   0.476700    0.097085
0.000302   0.231119   5.383847
0.25000    0.066589   0.484771    0.097085
0.000302   0.113185   5.173532
0.50000    0.066589   0.503965    0.097085
0.000302   0.019070   4.982816
0.75000    0.066589   0.524864    0.097085
0.000302   0.157099   4.813054
1.00000    0.066589   0.543196    0.097085
0.000302   0.299745   4.636439

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.109197   -0.358130   -0.115358
-0.000150   -0.271204   -3.468622
0.25000   -0.109197   -0.339798   -0.115358
-0.000150   -0.130129   -3.445563
0.50000   -0.109197   -0.318902   -0.115358
-0.000150   -0.009439   -3.450322
0.75000   -0.109197   -0.299710   -0.115358
-0.000150   -0.126380   -3.455090
1.00000   -0.109197   -0.281647   -0.115358
-0.000150   -0.248324   -3.487529

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.160540    9.291515    0.134713
0.000433    0.331438   18.442342
0.25000    0.160540   17.887372    0.134713
0.000433    0.178119   44.338009
0.50000    0.160540   38.329620    0.134713
0.000433    0.069536   56.955892
0.75000    0.160540   60.587010    0.134713
0.000433    0.253831   43.598253
1.00000    0.160540   80.110402    0.134713
0.000433    0.456429   16.967387

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.106576   -79.699158   -0.172163
-0.000293   -0.423266   -52.200440
0.25000   -0.106576   -60.175895   -0.172163
-0.000293   -0.213036   -22.704277
0.50000   -0.106576   -37.921289   -0.172163
-0.000293   -0.036939   -22.690816
0.75000   -0.106576   -17.481601   -0.172163
-0.000293   -0.195711   -22.885983
1.00000   -0.106576   -8.894760   -0.172163
-0.000293   -0.360746   -52.496957

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.316246    8.636940    0.240492
0.000626    0.584535   20.243000
0.25000    0.316246   16.416796    0.240492
0.000626    0.299883   43.531298
0.50000    0.316246   34.918470    0.240492
0.000626    0.076251   56.624258
0.75000    0.316246   55.062975    0.240492
0.000626    0.407949   42.573765
1.00000    0.316246   72.733019    0.240492
0.000626    0.757925   18.315454

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.209333   -72.237919   -0.290516
-0.000257   -0.704125   -50.159805
0.25000   -0.209333   -54.567991   -0.290516
-0.000257   -0.347902   -23.453411
0.50000   -0.209333   -34.426005   -0.290516
-0.000257   -0.041310   -23.508719
0.75000   -0.209333   -15.926648   -0.290516
-0.000257   -0.330371   -23.715058
1.00000   -0.209333   -8.154952   -0.290516
-0.000257   -0.627097   -50.544744
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4959

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.332863    6.025078    0.251123
0.000695    0.622629   20.847351
0.25000    0.332863   10.716479    0.251123
0.000695    0.320793   34.376968
0.50000    0.332863   21.873339    0.251123
0.000695    0.044449   41.884305
0.75000    0.332863   34.020858    0.251123
0.000695    0.412054   33.237641
1.00000    0.332863   44.676231    0.251123
0.000695    0.788520   18.590620

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.284906   -44.087082   -0.308885
-0.000622   -0.755420   -34.805126
0.25000   -0.284906   -33.431780   -0.308885
-0.000622   -0.375263   -18.737964
0.50000   -0.284906   -21.285781   -0.308885
-0.000622   -0.037926   -18.826322
0.75000   -0.284906   -10.130317   -0.308885
-0.000622   -0.322705   -18.996901
1.00000   -0.284906   -5.443837   -0.308885
-0.000622   -0.632825   -35.221615

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.100666    0.659882    0.099757
0.000228    0.263828    7.775614
0.25000    0.100666    0.667353    0.099757
0.000228    0.140457    7.445361
0.50000    0.100666    0.687148    0.099757
0.000228    0.025891    7.154706
0.75000    0.100666    0.708047    0.099757
0.000228    0.143072    6.949963
1.00000    0.100666    0.726378    0.099757
0.000228    0.296608    6.786171

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.215172   -0.449447   -0.123811
-0.000667   -0.315676   -3.833939
0.25000   -0.215172   -0.431115   -0.123811
-0.000667   -0.162682   -3.862832
0.50000   -0.215172   -0.410219   -0.123811
-0.000667   -0.011007   -3.919007
0.75000   -0.215172   -0.391027   -0.123811
-0.000667   -0.106044   -3.975311
1.00000   -0.215172   -0.382964   -0.123811
-0.000667   -0.229256   -4.059199

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.213839   12.898397    0.137430
0.000312    0.369797   22.897572
0.25000    0.213839   25.102093    0.137430
0.000312    0.214366   59.848077
0.50000    0.213839   54.124327    0.137430
0.000312    0.085918   80.735973
0.75000    0.213839   85.723550    0.137430
0.000312    0.235108   59.043671
1.00000    0.213839  113.441267    0.137430
0.000312    0.441131   21.313616

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.257100   -112.955725   -0.178113
-0.000775   -0.472719   -71.222513
0.25000   -0.257100   -85.238191   -0.178113
-0.000775   -0.253951   -29.386301
0.50000   -0.257100   -53.642919   -0.178113
-0.000775   -0.045019   -29.433336
0.75000   -0.257100   -24.624319   -0.178113
-0.000775   -0.173799   -29.761547
1.00000   -0.257100   -12.433424   -0.178113
-0.000775   -0.341105   -71.852541
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4960

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.225899    9.929604    0.187308
0.000521    0.482495   24.020985
0.25000    0.225899   18.726435    0.187308
0.000521    0.263702   50.300257
0.50000    0.225899   39.646628    0.187308
0.000521    0.087771   65.075499
0.75000    0.225899   62.424402    0.187308
0.000521    0.321230   49.225203
1.00000    0.225899   82.404256    0.187308
0.000521    0.608737   21.890449

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.257190   -81.797097   -0.240518
-0.000871   -0.608728   -55.543373
0.25000   -0.257190   -61.817375   -0.240518
-0.000871   -0.313265   -25.410249
0.50000   -0.257190   -39.042450   -0.240518
-0.000871   -0.044144   -25.449291
0.75000   -0.257190   -18.124876   -0.240518
-0.000871   -0.238957   -25.701506
1.00000   -0.257190   -9.337273   -0.240518
-0.000871   -0.469025   -56.057572

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.288504    8.489072    0.250171
0.000646    0.627731   23.272213
0.25000    0.288504   15.789497    0.250171
0.000646    0.329698   44.914161
0.50000    0.288504   33.151012    0.250171
0.000646    0.084888   57.034728
0.75000    0.288504   52.513192    0.250171
0.000646    0.410610   43.774001
1.00000    0.288504   68.635253    0.250171
0.000646    0.783008   20.987534

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.319985   -68.013905   -0.307794
-0.000746   -0.762293   -48.592173
0.25000   -0.319985   -51.432880   -0.307794
-0.000746   -0.383942   -23.655792
0.50000   -0.319985   -32.532137   -0.307794
-0.000746   -0.043514   -23.709272
0.75000   -0.319985   -15.172796   -0.307794
-0.000746   -0.321438   -23.939668
1.00000   -0.319985   -7.880028   -0.307794
-0.000746   -0.629467   -49.153011

COMB    DB ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.245443   11.056910    0.208391
0.000860    0.519208   24.806645
0.25000    0.245443   32.140337    0.208391
0.000860    0.268138   78.220610
0.50000    0.245443   59.886377    0.208391
0.000860    0.079956   99.134425
0.75000    0.245443   85.884186    0.208391
0.000860    0.334812   77.514249
1.00000    0.245443  113.166488    0.208391
0.000860    0.633996   23.298380

COMB    DB ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.238413   -112.792146   -0.247454
-0.001044   -0.603298   -76.334870
0.25000   -0.238413   -85.523005   -0.247454
-0.001044   -0.301061   -29.059329
0.50000   -0.238413   -59.524783   -0.247454
-0.001044   -0.047505   -28.867895
0.75000   -0.238413   -31.779260   -0.247454
-0.001044   -0.270232   -29.685546
1.00000   -0.238413   -10.727090   -0.247454
-0.001044   -0.525393   -77.465237
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4961

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB    DL ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.419911   12.898397    0.272974
0.000721    0.654954   24.020985
0.25000    0.419911   25.102093    0.272974
0.000721    0.333175   59.848077
0.50000    0.419911   54.124327    0.272974
0.000721    0.087771   80.735973
0.75000    0.419911   85.723550    0.272974
0.000721    0.439500   59.043671
1.00000    0.419911  113.441267    0.272974
0.000721    0.840015   21.890449

COMB    DL ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.319985   -112.955725   -0.324383
-0.000871   -0.784532   -71.222513
0.25000   -0.319985   -85.238191   -0.324383
-0.000871   -0.388789   -29.386301
0.50000   -0.319985   -53.642919   -0.324383
-0.000871   -0.045019   -29.433336
0.75000   -0.319985   -24.624319   -0.324383
-0.000871   -0.358131   -29.761547
1.00000   -0.319985   -12.433424   -0.324383
-0.000871   -0.697076   -71.852541

COMB    CAR ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.419911   12.898397    0.272974
0.000860    0.654954   24.806645
0.25000    0.419911   32.140337    0.272974
0.000860    0.333175   78.209610
0.50000    0.419911   59.886377    0.272974
0.000860    0.087771   99.134425
0.75000    0.419911   85.884186    0.272974
0.000860    0.439500   77.514249
1.00000    0.419911  113.441267    0.272974
0.000860    0.840015   23.298380

COMB    CAR ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.319985   -112.955725   -0.324383
-0.001044   -0.784532   -76.334870
0.25000   -0.319985   -85.523005   -0.324383
-0.001044   -0.388789   -29.386301
0.50000   -0.319985   -59.524783   -0.324383
-0.001044   -0.047505   -29.433336
0.75000   -0.319985   -31.779260   -0.324383
-0.001044   -0.358131   -29.761547
1.00000   -0.319985   -12.433424   -0.324383
-0.001044   -0.697076   -77.465237

COMB   DESIGN ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.419911   12.898397    0.272974
0.000860    0.654954   24.806645
0.25000    0.419911   32.140337    0.272974
0.000860    0.333175   78.209610
0.50000    0.419911   59.886377    0.272974
0.000860    0.087771   99.134425
0.75000    0.419911   85.884186    0.272974
0.000860    0.439500   77.514249
1.00000    0.419911  113.441267    0.272974
0.000860    0.840015   23.298380

COMB   DESIGN ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.319985   -112.955725   -0.324383
-0.001044   -0.784532   -76.334870
0.25000   -0.319985   -85.523005   -0.324383
-0.001044   -0.388789   -29.386301
0.50000   -0.319985   -59.524783   -0.324383
-0.001044   -0.047505   -29.433336
0.75000   -0.319985   -31.779260   -0.324383
-0.001044   -0.358131   -29.761547
1.00000   -0.319985   -12.433424   -0.324383
-0.001044   -0.697076   -77.465237
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4962

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      485 ================== LENGTH
=     4.943480

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.117965   0.284018    0.119279
0.000548    0.293817   3.018461
0.25000    0.117965   0.307900    0.119279
0.000548    0.146413   2.775830
0.50000    0.117965   0.339298    0.119279
0.000548    0.009341   2.506707
0.75000    0.117965   0.368710    0.119279
0.000548    0.190266   2.203756
1.00000    0.117965   0.399608    0.119279
0.000548    0.374748   1.883008

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.128291   -0.228836   -0.149289
-3.76E-07   -0.363346   -2.329158
0.25000   -0.128291   -0.198012   -0.149289
-3.76E-07   -0.178917   -2.271984
0.50000   -0.128291   -0.168590   -0.149289
-3.76E-07   -0.013550   -2.239302
0.75000   -0.128291   -0.137199   -0.149289
-3.76E-07   -0.148458   -2.266056
1.00000   -0.128291   -0.113427   -0.149289
-3.76E-07   -0.295872   -2.317306

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.173954   0.981842    0.197207
0.000992    0.485992   6.785759
0.25000    0.173954   1.650536    0.197207
0.000992    0.242550   6.765672
0.50000    0.173954   2.529681    0.197207
0.000992    0.020357   7.811433
0.75000    0.173954   3.353223    0.197207
0.000992    0.321533   6.595749
1.00000    0.173954   4.218363    0.197207
0.000992    0.631987   4.539752

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.203628   -3.740925   -0.251428
-3.76E-07   -0.612055   -6.410955
0.25000   -0.203628   -2.877861   -0.251428
-3.76E-07   -0.301499   -4.920318
0.50000   -0.203628   -2.054039   -0.251428
-3.76E-07   -0.014582   -4.920285
0.75000   -0.203628   -1.175077   -0.251428
-3.76E-07   -0.246124   -4.949617
1.00000   -0.203628   -0.509479   -0.251428
-3.76E-07   -0.489857   -6.475852

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.212096   1.199510    0.214296
0.001175    0.527533   11.158400
0.25000    0.212096   1.221004    0.214296
0.001175    0.262683   9.978168
0.50000    0.212096   1.249262    0.214296
0.001175    0.031184   8.962742
0.75000    0.212096   1.275733    0.214296
0.001175    0.372468   8.195141
1.00000    0.212096   1.303541    0.214296
0.001175    0.728678   7.654425

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.188321   -0.419742   -0.288468
-0.000164   -0.698247   -5.732351
0.25000   -0.188321   -0.392001   -0.288468
-0.000164   -0.342037   -5.729832
0.50000   -0.188321   -0.365521   -0.288468
-0.000164   -0.018395   -5.775581
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4963

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.75000   -0.188321   -0.337268   -0.288468
-0.000164   -0.267003   -5.822642
1.00000   -0.188321   -0.315874   -0.288468
-0.000164   -0.531856   -5.917904

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.228139   7.553556    0.207544
0.001038    0.517204   20.566667
0.25000    0.228139   20.216935   0.207544
0.001038    0.266203   51.741936
0.50000    0.228139   36.865759   0.207544
0.001038    0.062175   63.341694
0.75000    0.228139   52.461575   0.207544
0.001038    0.379090   49.360012
1.00000    0.228139   68.845166   0.207544
0.001038    0.732149   16.415033

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.211502   -67.667142   -0.288351
-0.000503   -0.708156   -50.134120
0.25000   -0.211502   -51.322862   -0.288351
-0.000503   -0.354656   -21.768816
0.50000   -0.211502   -35.721736   -0.288351
-0.000503   -0.042252   -21.626499
0.75000   -0.211502   -19.076394   -0.288351
-0.000503   -0.270358   -22.032796
1.00000   -0.211502   -6.471634   -0.288351
-0.000503   -0.526873   -50.784959

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.063304   0.516936    0.076348
0.000476    0.187975   4.666672
0.25000    0.063304   0.540818    0.076348
0.000476    0.093598   4.196666
0.50000    0.063304   0.572216    0.076348
0.000476    0.013213   3.775989
0.75000    0.063304   0.601628    0.076348
0.000476    0.134108   3.435760
1.00000    0.063304   0.632526    0.076348
0.000476    0.262229   3.199555

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.064595   -0.226047   -0.103882
-4.13E-06   -0.251754   -2.279124
0.25000   -0.064595   -0.195223   -0.103882
-4.13E-06   -0.123447   -2.251486
0.50000   -0.064595   -0.165801   -0.103882
-4.13E-06   -0.007038   -2.277074
0.75000   -0.064595   -0.134410   -0.103882
-4.13E-06   -0.095121   -2.303697
1.00000   -0.064595   -0.110638   -0.103882
-4.13E-06   -0.189507   -2.383777

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.126088   9.374691    0.108122
0.000642    0.273301   19.546774
0.25000    0.126088   26.712952   0.108122
0.000642    0.147197   63.151928
0.50000    0.126088   49.507947   0.108122
0.000642    0.061514   79.810264
0.75000    0.126088   70.861200   0.108122
0.000642    0.235292   61.236925
1.00000    0.126088   93.293047   0.108122
0.000642    0.441690   16.556351

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.076631   -92.299047   -0.170664
-0.000176   -0.422040   -64.271085
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4964

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
         T         M2         M3
0.25000   -0.076631   -69.921023   -0.170664
-0.000176   -0.215032   -25.394140
0.50000   -0.076631   -48.560500   -0.170664
-0.000176   -0.043609   -25.158745
0.75000   -0.076631   -25.770272   -0.170664
-0.000176   -0.152310   -25.674067
1.00000   -0.076631   -8.512269   -0.170664
-0.000176   -0.285962   -64.999465

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.191094   8.694335    0.189193
0.001005    0.472293   20.163999
0.25000    0.191094   24.363252   0.189193
0.001005    0.245314   59.336579
0.50000    0.191094   44.963522   0.189193
0.001005    0.063301   74.152873
0.75000    0.191094   64.260862   0.189193
0.001005    0.360098   51.753494
1.00000    0.191094   84.532949   0.189193
0.001005    0.689417   16.515769

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.153327   -83.490323   -0.269824
-0.000159   -0.662624   -59.872316
0.25000   -0.153327   -63.266877   -0.269824
-0.000159   -0.332800   -24.739934
0.50000   -0.153327   -43.962967   -0.269824
-0.000159   -0.045290   -24.528799
0.75000   -0.153327   -23.367005   -0.269824
-0.000159   -0.251560   -24.996303
1.00000   -0.153327   -7.770619   -0.269824
-0.000159   -0.485352   -60.537358

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.210880   6.543307    0.196167
0.000842    0.488944   20.347621
0.25000    0.210880   16.824467   0.196167
0.000842    0.250941   45.254802
0.50000    0.210880   30.141333   0.196167
0.000842    0.059876   54.357362
0.75000    0.210880   43.003283   0.196167
0.000842    0.355284   42.798322
1.00000    0.210880   56.304812   0.196167
0.000842    0.688688   15.939618

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
         T         M2         M3
0.00000   -0.207664   -55.011271   -0.272005
-0.000758   -0.668019   -41.966064
0.25000   -0.207664   -41.741657   -0.272005
-0.000758   -0.334266   -18.972938
0.50000   -0.207664   -29.075397   -0.272005
-0.000758   -0.038181   -18.893529
0.75000   -0.207664   -15.561357   -0.272005
-0.000758   -0.253023   -19.259436
1.00000   -0.207664   -5.327789   -0.272005
-0.000758   -0.495490   -42.638879

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
         T         M2         M3
0.00000    0.081129   0.752554    0.074754
6.72E-06    0.186836   7.032844
0.25000    0.081129   0.776436    0.074754
6.72E-06    0.094519   6.354988
0.50000    0.081129   0.807834    0.074754
6.72E-06    0.018236   5.738732
0.75000    0.081129   0.837246    0.074754
6.72E-06    0.111295   5.269316
1.00000    0.081129   0.868144    0.074754
6.72E-06    0.223783   4.937770
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   4965

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.138916	-0.236868	-0.091021
-0.000955	-0.226224	-2.642508	
0.25000	-0.138916	-0.206044	-0.091021
-0.000955	-0.113721	-2.663869	
0.50000	-0.138916	-0.176622	-0.091021
-0.000955	-0.007987	-2.738554	
0.75000	-0.138916	-0.145230	-0.091021
-0.000955	-0.090366	-2.814272	
1.00000	-0.138916	-0.121459	-0.091021
-0.000955	-0.182752	-2.943448	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139971	11.366762	0.103749
8.35E-05	0.267339	23.298903	
0.25000	0.139971	32.478365	0.103749
8.35E-05	0.148396	76.521756	
0.50000	0.139971	60.234254	0.103749
8.35E-05	0.072344	96.881531	
0.75000	0.139971	86.234633	0.103749
8.35E-05	0.203563	74.289463	
1.00000	0.139971	113.548343	0.103749
8.35E-05	0.384461	19.843790	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181455	-112.383309	-0.150595
-0.001161	-0.383689	-77.462241	
0.25000	-0.181455	-85.135137	-0.150595
-0.001161	-0.354656	-30.157816	
0.50000	-0.181455	-59.125906	-0.150595
-0.001161	-0.050358	-29.904563	
0.75000	-0.181455	-31.375821	-0.150595
-0.001161	-0.147450	-30.565367	
1.00000	-0.181455	-10.361944	-0.150595
-0.001161	-0.275672	-78.482519	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.179410	8.576087	0.145299
0.000432	0.366483	23.282361	
0.25000	0.179410	23.082849	0.145299
0.000432	0.193249	59.008039	
0.50000	0.179410	42.108915	0.145299
0.000432	0.069082	72.319288	
0.75000	0.179410	59.950352	0.145299
0.000432	0.277146	56.386062	
1.00000	0.179410	78.692995	0.145299
0.000432	0.532303	18.788281	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179558	-77.242245	-0.209511
-0.001146	-0.520136	-56.025906	
0.25000	-0.179558	-58.544574	-0.209511
-0.001146	-0.264460	-23.619118	
0.50000	-0.179558	-40.697063	-0.209511
-0.001146	-0.043636	-23.498870	
0.75000	-0.179558	-21.654980	-0.209511
-0.001146	-0.202892	-24.005904	
1.00000	-0.179558	-7.235277	-0.209511
-0.001146	-0.372481	-56.940200	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202892	7.359351	0.193550
0.000733	0.483827	21.789944	
0.25000	0.202892	19.342096	0.193550
0.000733	0.249821	51.049462	
0.50000	0.202892	35.096074	0.193550
0.000733	0.064557	61.812407	
0.75000	0.202892	49.853642	0.193550
0.000733	0.349524	48.431420	
1.00000	0.202892	65.356645	0.193550
0.000733	0.676944	17.187924	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4966
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.217641	-63.962525	-0.267482
-0.000954	-0.659384	-47.905595	
0.25000	-0.217641	-48.496721	-0.267482
-0.000954	-0.331525	-21.107457	
0.50000	-0.217641	-33.734128	-0.267482
-0.000954	-0.041170	-21.015272	
0.75000	-0.217641	-17.983444	-0.267482
-0.000954	-0.250869	-21.441990	
1.00000	-0.217641	-6.056167	-0.267482
-0.000954	-0.490089	-48.691070	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.270341	0.369303	0.177890
0.000526	0.429933	3.622294	
0.25000	0.270341	0.377395	0.177890
0.000526	0.209277	3.251979	
0.50000	0.270341	0.396601	0.177890
0.000526	0.011612	2.875116	
0.75000	0.270341	0.417504	0.177890
0.000526	0.207731	2.475731	
1.00000	0.270341	0.435836	0.177890
0.000526	0.526676	2.068229	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161540	-0.226048	-0.209115
-2.11E-07	-0.506932	-3.726985	
0.25000	-0.161540	-0.207713	-0.209115
-2.11E-07	-0.248516	-3.529314	
0.50000	-0.161540	-0.186814	-0.209115
-2.11E-07	-0.010343	-3.359295	
0.75000	-0.161540	-0.167621	-0.209115
-2.11E-07	-0.228256	-3.189598	
1.00000	-0.161540	-0.159581	-0.209115
-2.11E-07	-0.448298	-3.047648	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.343230	1.017116	0.295568
0.000926	0.712832	7.507218	
0.25000	0.343230	1.251775	0.295568
0.000926	0.347378	7.400312	
0.50000	0.343230	1.808766	0.295568
0.000926	0.023715	7.023244	
0.75000	0.343230	2.414948	0.295568
0.000926	0.455549	5.903935	
1.00000	0.343230	2.946555	0.295568
0.000926	0.891680	4.507430	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.268122	-2.459485	-0.353046
-2.11E-07	-0.853861	-7.898103	
0.25000	-0.268122	-1.927761	-0.353046
-2.11E-07	-0.417517	-6.813776	
0.50000	-0.268122	-1.321704	-0.353046
-2.11E-07	-0.018821	-6.532345	
0.75000	-0.268122	-0.765110	-0.353046
-2.11E-07	-0.380282	-6.252890	
1.00000	-0.268122	-0.531938	-0.353046
-2.11E-07	-0.746081	-6.781575	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.376427	1.366934	0.327929
0.001055	0.786097	11.796086	
0.25000	0.376427	1.374216	0.327929
0.001055	0.379651	10.486123	
0.50000	0.376427	1.391502	0.327929
0.001055	0.035674	9.232229	
0.75000	0.376427	1.410315	0.327929
0.001055	0.533365	8.194218	
1.00000	0.376427	1.426813	0.327929
0.001055	1.038885	7.271555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4968
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092603	-79.419861	-0.232768
-0.000182	-0.566297	-52.529529	
0.25000	-0.092603	-59.892752	-0.232768
-0.000182	-0.280984	-22.850659	
0.50000	-0.092603	-37.635852	-0.232768
-0.000182	-0.037740	-22.657028	
0.75000	-0.092603	-17.195394	-0.232768
-0.000182	-0.238020	-22.530793	
1.00000	-0.092603	-8.632371	-0.232768
-0.000182	-0.445139	-52.088290	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.306416	8.795490	0.287774
0.000888	0.688885	18.396112	
0.25000	0.306416	16.595090	0.287774
0.000888	0.343941	41.063330	
0.50000	0.306416	35.108318	0.287774
0.000888	0.064198	53.484506	
0.75000	0.306416	55.256537	0.287774
0.000888	0.500566	58.723318	
1.00000	0.306416	72.926066	0.287774
0.000888	0.952261	13.940338	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195779	-71.987804	-0.372198
-0.000164	-0.903490	-50.603107	
0.25000	-0.195779	-54.314395	-0.372198
-0.000164	-0.445802	-23.652544	
0.50000	-0.195779	-34.170333	-0.372198
-0.000164	-0.042088	-23.474690	
0.75000	-0.195779	-15.670279	-0.372198
-0.000164	-0.390271	-23.257743	
1.00000	-0.195779	-7.920141	-0.372198
-0.000164	-0.746673	-49.906525	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.325011	6.267650	0.279524
0.000744	0.669639	18.650960	
0.25000	0.325011	10.970957	0.279524
0.000744	0.331562	31.427007	
0.50000	0.325011	22.134785	0.279524
0.000744	0.060309	38.072854	
0.75000	0.325011	34.284543	0.279524
0.000744	0.493258	28.625236	
1.00000	0.325011	44.939605	0.279524
0.000744	0.945594	13.262433	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.263520	-43.753613	-0.370343
-0.000694	-0.895421	-35.256050	
0.25000	-0.263520	-33.096212	-0.370343
-0.000694	-0.440236	-18.898410	
0.50000	-0.263520	-20.948960	-0.370343
-0.000694	-0.038454	-18.705321	
0.75000	-0.263520	-9.793077	-0.370343
-0.000694	-0.373735	-18.465625	
1.00000	-0.263520	-5.119596	-0.370343
-0.000694	-0.719245	-34.425386	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103377	0.808594	0.077735
6.52E-06	0.191976	6.770378	
0.25000	0.103377	0.816686	0.077735
6.52E-06	0.098308	6.067129	
0.50000	0.103377	0.835892	0.077735
6.52E-06	0.019702	5.397925	
0.75000	0.103377	0.856795	0.077735
6.52E-06	0.143542	4.804017	
1.00000	0.103377	0.875127	0.077735
6.52E-06	0.279681	4.255665	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4969
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194664	-0.270120	-0.111286
-0.000887	-0.273227	-4.031463	
0.25000	-0.194664	-0.251784	-0.111286
-0.000887	-0.137879	-3.942769	
0.50000	-0.194664	-0.230886	-0.111286
-0.000887	-0.011265	-3.885013	
0.75000	-0.194664	-0.214693	-0.111286
-0.000887	-0.098721	-3.823774	
1.00000	-0.194664	-0.203653	-0.111286
-0.000887	-0.193488	-3.786746	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.211189	13.030324	0.117367
6.28E-05	0.284547	21.303308	
0.25000	0.211189	25.264990	0.117367
6.28E-05	0.159734	57.685386	
0.50000	0.211189	54.305348	0.117367
6.28E-05	0.035923	77.950380	
0.75000	0.211189	85.910397	0.117367
6.28E-05	0.260015	55.554316	
1.00000	0.211189	113.627306	0.117367
6.28E-05	0.471320	17.399439	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.235503	-112.603934	-0.182732
-0.001045	-0.460035	-71.819247	
0.25000	-0.235503	-84.880939	-0.182732
-0.001045	-0.240614	-29.849867	
0.50000	-0.235503	-53.282410	-0.182732
-0.001045	-0.046528	-29.770268	
0.75000	-0.235503	-24.262718	-0.182732
-0.001045	-0.177377	-29.757714	
1.00000	-0.235503	-12.105638	-0.182732
-0.001045	-0.320987	-71.857725	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.231105	10.144870	0.188716
0.000339	0.453041	21.906455	
0.25000	0.231105	19.964025	0.188716
0.000339	0.234460	47.433604	
0.50000	0.231105	39.897283	0.188716
0.000339	0.074489	61.396688	
0.75000	0.231105	62.679256	0.188716
0.000339	0.375793	44.678583	
1.00000	0.231105	82.658527	0.188716
0.000339	0.703934	16.674021	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.230653	-81.370978	-0.273892
-0.001053	-0.607669	-56.049430	
0.25000	-0.230653	-61.387320	-0.273892
-0.001053	-0.336928	-25.672842	
0.50000	-0.230653	-38.610046	-0.273892
-0.001053	-0.045236	-25.470389	
0.75000	-0.230653	-17.691685	-0.273892
-0.001053	-0.264779	-25.336751	
1.00000	-0.230653	-8.928457	-0.273892
-0.001053	-0.496953	-55.580353	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.287945	8.725196	0.266030
0.000629	0.639954	21.031641	
0.25000	0.287945	16.044148	0.266030
0.000629	0.323424	41.890637	
0.50000	0.287945	33.416505	0.266030
0.000629	0.070748	53.165850	
0.75000	0.287945	52.323097	0.266030
0.000629	0.481493	39.020327	
1.00000	0.287945	68.903748	0.266030
0.000629	0.916266	15.522849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4970
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.289808	-67.640736	-0.358702
-0.000877	-0.873831	-49.170767	
0.25000	-0.289808	-51.056444	-0.358702
-0.000877	-0.434483	-23.873788	
0.50000	-0.289808	-32.153753	-0.358702
-0.000877	-0.044362	-23.618193	
0.75000	-0.289808	-14.793758	-0.358702
-0.000877	-0.360423	-23.419797	
1.00000	-0.289808	-7.521220	-0.358702
-0.000877	-0.688446	-48.431149	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.228139	11.366762	0.214296
0.001175	0.527553	23.298903	
0.25000	0.228139	32.478365	0.214296
0.001175	0.266203	76.521756	
0.50000	0.228139	60.234254	0.214296
0.001175	0.072344	96.881531	
0.75000	0.228139	86.234633	0.214296
0.001175	0.379090	74.289463	
1.00000	0.228139	113.548343	0.214296
0.001175	0.732149	19.843790	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.217641	-112.383309	-0.288468
-0.001161	-0.708156	-77.462241	
0.25000	-0.217641	-85.135137	-0.288468
-0.001161	-0.354656	-30.157816	
0.50000	-0.217641	-59.125906	-0.288468
-0.001161	-0.050358	-29.904563	
0.75000	-0.217641	-31.375821	-0.288468
-0.001161	-0.270358	-30.565367	
1.00000	-0.217641	-10.361944	-0.288468
-0.001161	-0.531856	-78.482519	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.396673	13.030324	0.327929
0.001055	0.786097	21.906455	
0.25000	0.396673	25.264990	0.327929
0.001055	0.379651	57.685386	
0.50000	0.396673	54.305348	0.327929
0.001055	0.075923	77.950380	
0.75000	0.396673	85.910397	0.327929
0.001055	0.533365	55.554316	
1.00000	0.396673	113.627306	0.327929
0.001055	1.038885	17.399439	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.289808	-112.603934	-0.408908
-0.001053	-0.982104	-71.819247	
0.25000	-0.289808	-84.880939	-0.408908
-0.001053	-0.476407	-29.849867	
0.50000	-0.289808	-53.282410	-0.408908
-0.001053	-0.046528	-29.770268	
0.75000	-0.289808	-24.262718	-0.408908
-0.001053	-0.425810	-29.757714	
1.00000	-0.289808	-12.105638	-0.408908
-0.001053	-0.831318	-71.857725	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.396673	13.030324	0.327929
0.001175	0.786097	23.298903	
0.25000	0.396673	32.478365	0.327929
0.001175	0.379651	76.521756	
0.50000	0.396673	60.234254	0.327929
0.001175	0.075923	96.881531	
0.75000	0.396673	86.234633	0.327929
0.001175	0.533365	74.289463	
1.00000	0.396673	113.627306	0.327929
0.001175	1.038885	19.843790	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 4971
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.289808	-112.603934	-0.408908
-0.001161	-0.982104	-77.462241	
0.25000	-0.289808	-85.135137	-0.408908
-0.001161	-0.476407	-30.157816	
0.50000	-0.289808	-59.125906	-0.408908
-0.001161	-0.050358	-29.904563	
0.75000	-0.289808	-31.375821	-0.408908
-0.001161	-0.425810	-30.565367	
1.00000	-0.289808	-12.105638	-0.408908
-0.001161	-0.831318	-78.482519	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.396673	13.030324	0.327929
0.001175	0.786097	23.298903	
0.25000	0.396673	32.478365	0.327929
0.001175	0.379651	76.521756	
0.50000	0.396673	60.234254	0.327929
0.001175	0.075923	96.881531	
0.75000	0.396673	86.234633	0.327929
0.001175	0.533365	74.289463	
1.00000	0.396673	113.627306	0.327929
0.001175	1.038885	19.843790	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.289808	-112.603934	-0.408908
-0.001161	-0.982104	-77.462241	
0.25000	-0.289808	-85.135137	-0.408908
-0.001161	-0.476407	-30.157816	
0.50000	-0.289808	-59.125906	-0.408908
-0.001161	-0.050358	-29.904563	
0.75000	-0.289808	-31.375821	-0.408908
-0.001161	-0.425810	-30.565367	
1.00000	-0.289808	-12.105638	-0.408908
-0.001161	-0.831318	-78.482519	

ELEM 486 ========== LENGTH = 4.943095

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.109859	0.256569	0.119722
0.000653	0.295990	1.904991	
0.25000	0.109859	0.280517	0.119722
0.000653	0.148056	1.697656	
0.50000	0.109859	0.311973	0.119722
0.000653	0.005292	1.466874	
0.75000	0.109859	0.349394	0.119722
0.000653	0.196848	1.204415	
1.00000	0.109859	0.372563	0.119722
0.000653	0.391679	0.936939	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123995	-0.210003	-0.157691
-4.52E-07	-0.387837	-2.323653	
0.25000	-0.123995	-0.179219	-0.157691
-4.52E-07	-0.192969	-2.294735	
0.50000	-0.123995	-0.149745	-0.157691
-4.52E-07	-0.008346	-2.311184	
0.75000	-0.123995	-0.118354	-0.157691
-4.52E-07	-0.147882	-2.344648	
1.00000	-0.123995	-0.094689	-0.157691
-4.52E-07	-0.295831	-2.424379	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157815	0.910616	0.198138
0.001183	0.489851	4.578087	
0.25000	0.157815	1.581160	0.198138
0.001183	0.245437	5.621336	
0.50000	0.157815	2.461946	0.198138
0.001183	0.012909	5.729508	

Program SAP2000 Nonlinear Version 7.42

File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4972

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.157815	3.285726	0.198138
0.001183	0.334287	4.512682	
1.00000	0.157815	4.158462	0.198138
0.001183	0.664179	2.664101	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197534	-3.718601	-0.267139
-1.89E-06	-0.657333	-6.487108	
0.25000	-0.197534	-2.856661	-0.267139
-1.89E-06	-0.327246	-5.063700	
0.50000	-0.197534	-2.031396	-0.267139
-1.89E-06	-0.016033	-5.120744	
0.75000	-0.197534	-1.152437	-0.267139
-1.89E-06	-0.245322	-5.196707	
1.00000	-0.197534	-0.489816	-0.267139
-1.89E-06	-0.490185	-6.792184	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198191	1.084964	0.215661
0.001380	0.533359	7.717085	
0.25000	0.198191	1.106517	0.215661
0.001380	0.266839	5.662948	
0.50000	0.198191	1.134828	0.215661
0.001380	0.020307	5.772029	
0.75000	0.198191	1.161307	0.215661
0.001380	0.394061	5.113614	
1.00000	0.198191	1.189359	0.215661
0.001380	0.781740	4.690736	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181801	-0.389585	-0.313853
-4.07E-07	-0.769916	-5.935272	
0.25000	-0.181801	-0.361860	-0.313853
-4.07E-07	-0.382052	-6.062657	
0.50000	-0.181801	-0.335353	-0.313853
-4.07E-07	-0.020507	-6.237976	
0.75000	-0.181801	-0.307101	-0.313853
-4.07E-07	-0.266160	-6.414515	
1.00000	-0.181801	-0.285803	-0.313853
-4.07E-07	-0.532697	-6.639913	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215094	7.188013	0.208361
0.001145	0.513810	16.491645	
0.25000	0.215094	19.886436	0.208361
0.001145	0.264811	47.791552	
0.50000	0.215094	36.566321	0.208361
0.001145	0.049346	59.445009	
0.75000	0.215094	52.166662	0.208361
0.001145	0.398913	43.107188	
1.00000	0.215094	68.694096	0.208361
0.001145	0.780132	12.906187	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.198575	-67.611270	-0.311360
-0.000432	-0.777382	-50.784015	
0.25000	-0.198575	-51.288281	-0.311360
-0.000432	-0.392955	-22.541631	
0.50000	-0.198575	-35.659838	-0.311360
-0.000432	-0.045298	-22.327575	
0.75000	-0.198575	-19.014555	-0.311360
-0.000432	-0.270443	-22.459022	
1.00000	-0.198575	-6.466152	-0.311360
-0.000432	-0.527902	-51.366049	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.054843	0.469763	0.076900
0.000562	0.190226	3.219122	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4973

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.054843	0.493711	0.076900
0.000562	0.095185	2.810244	
0.50000	0.054843	0.525168	0.076900
0.000562	0.009103	2.448276	
0.75000	0.054843	0.554589	0.076900
0.000562	0.142309	2.158519	
1.00000	0.054843	0.585758	0.076900
0.000562	0.282309	1.978714	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063141	-0.222624	-0.113326
-4.44E-06	-0.277969	-2.390872	
0.25000	-0.063141	-0.191840	-0.113326
-4.44E-06	-0.137976	-2.421535	
0.50000	-0.063141	-0.162366	-0.113326
-4.44E-06	-0.007818	-2.505098	
0.75000	-0.063141	-0.130975	-0.113326
-4.44E-06	-0.094873	-2.589380	
1.00000	-0.063141	-0.107310	-0.113326
-4.44E-06	-0.189920	-2.727953	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.119124	8.954388	0.110044
0.000743	0.270267	16.618820	
0.25000	0.119124	26.340630	0.110044
0.000743	0.145981	60.322369	
0.50000	0.119124	49.178153	0.110044
0.000743	0.052672	76.962984	
0.75000	0.119124	70.537601	0.110044
0.000743	0.254259	56.268074	
1.00000	0.119124	93.166394	0.110044
0.000743	0.486898	14.087951	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075002	-92.254154	-0.192157
-3.91E-05	-0.488204	-64.984929	
0.25000	-0.075002	-69.905281	-0.192157
-3.91E-05	-0.251181	-26.175022	
0.50000	-0.075002	-48.507356	-0.192157
-3.91E-05	-0.045880	-25.740154	
0.75000	-0.075002	-25.717208	-0.192157
-3.91E-05	-0.153841	-25.777682	
1.00000	-0.075002	-8.536368	-0.192157
-3.91E-05	-0.289792	-65.213407	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.181734	8.290196	0.191328
0.001189	0.471417	16.589911	
0.25000	0.181734	24.002474	0.191328
0.001189	0.245538	55.875306	
0.50000	0.181734	44.641177	0.191328
0.001189	0.052144	70.706340	
0.75000	0.181734	63.944117	0.191328
0.001189	0.382732	51.807211	
1.00000	0.181734	84.394187	0.191328
0.001189	0.744267	13.487583	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.148245	-83.432735	-0.296106
-3.54E-05	-0.742239	-60.529544	
0.25000	-0.148245	-63.235624	-0.296106
-3.54E-05	-0.376737	-25.484497	
0.50000	-0.148245	-43.897912	-0.296106
-3.54E-05	-0.047956	-25.119696	
0.75000	-0.148245	-23.302023	-0.296106
-3.54E-05	-0.252467	-25.182305	
1.00000	-0.148245	-7.775371	-0.296106
-3.54E-05	-0.488888	-60.849912	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4974

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.200717	6.208122	0.195923
0.000995	0.483358	16.009319	
0.25000	0.200717	16.517733	0.195923
0.000995	0.243177	41.049234	
0.50000	0.200717	30.059818	0.195923
0.000995	0.046703	50.226972	
0.75000	0.200717	42.725441	0.195923
0.000995	0.373087	37.487042	
1.00000	0.200717	56.143754	0.195923
0.000995	0.731250	12.167039	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.188372	-54.961806	-0.292173
-0.000718	-0.728026	-42.642520	
0.25000	-0.188372	-41.709479	-0.292173
-0.000718	-0.367200	-19.801326	
0.50000	-0.188372	-29.021039	-0.292173
-0.000718	-0.041412	-19.715579	
0.75000	-0.188372	-15.507047	-0.292173
-0.000718	-0.252556	-19.910376	
1.00000	-0.188372	-5.319235	-0.292173
-0.000718	-0.494654	-43.467412	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078544	0.689750	0.071995
8.69E-06	0.177870	4.939944	
0.25000	0.078544	0.713698	0.071995
8.69E-06	0.088916	4.328994	
0.50000	0.078544	0.745155	0.071995
8.69E-06	0.012244	3.777077	
0.75000	0.078544	0.774576	0.071995
8.69E-06	0.119547	3.352509	
1.00000	0.078544	0.802745	0.071995
8.69E-06	0.221057	3.062359	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.111948	-0.225305	-0.089418
-0.001107	-0.220986	-2.952183	
0.25000	-0.111948	-0.194522	-0.089418
-0.001107	-0.110472	-3.075798	
0.50000	-0.111948	-0.165048	-0.089418
-0.001107	-0.009412	-3.252286	
0.75000	-0.111948	-0.133657	-0.089418
-0.001107	-0.089057	-3.429427	
1.00000	-0.111948	-0.109992	-0.089418
-0.001107	-0.178028	-3.660836	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137119	10.869972	0.102895
8.89E-05	0.249837	19.884488	
0.25000	0.137119	32.039996	0.102895
8.89E-05	0.137750	73.194267	
0.50000	0.137119	59.847669	0.102895
8.89E-05	0.062105	93.509363	
0.75000	0.137119	85.855592	0.102895
8.89E-05	0.209805	68.313304	
1.00000	0.137119	113.409109	0.102895
8.89E-05	0.397892	16.868184	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152291	-112.324155	-0.156829
-0.001340	-0.407822	-78.462761	
0.25000	-0.152291	-85.111478	-0.156829
-0.001340	-0.214620	-29.847669	
0.50000	-0.152291	-59.056704	-0.156829
-0.001340	-0.053574	-30.762039	
0.75000	-0.152291	-31.306717	-0.156829
-0.001340	-0.151211	-30.850241	
1.00000	-0.152291	-10.386797	-0.156829
-0.001340	-0.278379	-78.910880	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4975

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.174097	8.155710	0.143760
0.000495	0.353980	18.844673	
0.25000	0.174097	22.682562	0.143760
0.000495	0.186098	54.716225	
0.50000	0.174097	41.764162	0.143760
0.000495	0.056090	68.073102	
0.75000	0.174097	59.610775	0.143760
0.000495	0.291151	50.409930	
1.00000	0.174097	78.517973	0.143760
0.000495	0.564448	14.920037	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151641	-77.188818	-0.224441
-0.001161	-0.566047	-56.936015	
0.25000	-0.151641	-58.515504	-0.224441
-0.001161	-0.269068	-24.686635	
0.50000	-0.151641	-40.636741	-0.224441
-0.001161	-0.047160	-24.501003	
0.75000	-0.151641	-21.594726	-0.224441
-0.001161	-0.192468	-24.710021	
1.00000	-0.151641	-7.239495	-0.224441
-0.001161	-0.370098	-57.837684	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193910	6.987092	0.192639
0.000863	0.475099	17.248804	
0.25000	0.193910	19.002997	0.192639
0.000863	0.245135	46.650992	
0.50000	0.193910	34.786368	0.192639
0.000863	0.051037	57.482035	
0.75000	0.193910	49.548218	0.192639
0.000863	0.366005	42.701900	
1.00000	0.193910	65.187332	0.192639
0.000863	0.715838	13.244195	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192030	-63.908790	-0.285809
-0.000967	-0.714407	-48.692488	
0.25000	-0.192030	-48.463133	-0.285809
-0.000967	-0.361521	-22.053890	
0.50000	-0.192030	-33.674691	-0.285809
-0.000967	-0.044540	-21.936885	
0.75000	-0.192030	-17.924063	-0.285809
-0.000967	-0.250226	-22.146485	
1.00000	-0.192030	-6.050114	-0.285809
-0.000967	-0.488253	-49.584984	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.227505	0.351415	0.200156
0.000656	0.485765	2.112423	
0.25000	0.227505	0.359766	0.200156
0.000656	0.238137	1.778910	
0.50000	0.227505	0.379008	0.200156
0.000656	0.005715	1.446039	
0.75000	0.227505	0.399916	0.200156
0.000656	0.284372	1.200257	
1.00000	0.227505	0.418193	0.200156
0.000656	0.564447	0.995673	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.158258	-0.190824	-0.226696
-2.69E-07	-0.556024	-3.097141	
0.25000	-0.158258	-0.178555	-0.226696
-2.69E-07	-0.275909	-2.961484	
0.50000	-0.158258	-0.157627	-0.226696
-2.69E-07	-0.010563	-2.859925	
0.75000	-0.158258	-0.138442	-0.226696
-2.69E-07	-0.254841	-2.890177	
1.00000	-0.158258	-0.130490	-0.226696
-2.69E-07	-0.502371	-3.005653	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4976

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.294679	1.002064	0.332798
0.001173	0.806719	4.586794	
0.25000	0.294679	1.244243	0.332798
0.001173	0.295422	4.537386	
0.50000	0.294679	1.802265	0.332798
0.001173	0.013147	4.209653	
0.75000	0.294679	2.408615	0.332798
0.001173	0.489306	3.365576	
1.00000	0.294679	2.938625	0.332798
0.001173	0.969405	2.363285	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256357	-2.405405	-0.388709
-1.24E-06	-0.952083	-6.865196	
0.25000	-0.256357	-1.872687	-0.388709
-1.24E-06	-0.471679	-5.920762	
0.50000	-0.256357	-1.265793	-0.388709
-1.24E-06	-0.019129	-5.782215	
0.75000	-0.256357	-0.709414	-0.388709
-1.24E-06	-0.425074	-5.912080	
1.00000	-0.256357	-0.478793	-0.388709
-1.24E-06	-0.836459	-6.987910	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.333225	1.389547	0.378815
0.001286	0.913976	7.384148	
0.25000	0.333225	1.397063	0.378815
0.001286	0.445635	6.147592	
0.50000	0.333225	1.414380	0.378815
0.001286	0.020377	5.006498	
0.75000	0.333225	1.433198	0.378815
0.001286	0.582891	4.403560	
1.00000	0.333225	1.449647	0.378815
0.001286	1.151460	4.066762	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.233289	-0.501375	-0.460476
-6.79E-06	-1.124096	-7.985700	
0.25000	-0.233289	-0.484842	-0.460476
-6.79E-06	-0.554692	-7.857101	
0.50000	-0.233289	-0.466008	-0.460476
-6.79E-06	-0.026112	-7.817423	
0.75000	-0.233289	-0.447141	-0.460476
-6.79E-06	-0.487259	-8.200262	
1.00000	-0.233289	-0.441584	-0.460476
-6.79E-06	-0.955304	-8.801885	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360079	6.949692	0.358474
0.001067	0.859958	13.614611	
0.25000	0.360079	12.793301	0.358474
0.001067	0.425442	29.420285	
0.50000	0.360079	26.258001	0.358474
0.001067	0.043548	37.730797	
0.75000	0.360079	40.888792	0.358474
0.001067	0.577184	26.909919	
1.00000	0.360079	53.677568	0.358474
0.001067	1.125277	9.358137	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248383	-52.356974	-0.449154
-0.000399	-1.103512	-39.128213	
0.25000	-0.248383	-39.502860	-0.449154
-0.000399	-0.568878	-19.820712	
0.50000	-0.248383	-24.858924	-0.449154
-0.000399	-0.042166	-19.690124	
0.75000	-0.248383	-11.433867	-0.449154
-0.000399	-0.475444	-20.021920	
1.00000	-0.248383	-5.869158	-0.449154
-0.000399	-0.916339	-40.364767	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4977

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064829	0.590866	0.134298
0.000506	0.323875	2.924527	
0.25000	0.064829	0.599217	0.134298
0.000506	0.157679	2.459656	
0.50000	0.064829	0.618459	0.134298
0.000506	0.008765	2.042426	
0.75000	0.064829	0.639368	0.134298
0.000506	0.213997	1.781657	
1.00000	0.064829	0.657644	0.134298
0.000506	0.422860	1.595175	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082629	-0.248185	-0.168843
-2.38E-06	-0.411397	-3.081293	
0.25000	-0.082629	-0.229815	-0.168843
-2.38E-06	-0.202517	-3.036380	
0.50000	-0.082629	-0.208888	-0.168843
-2.38E-06	-0.009625	-3.038855	
0.75000	-0.082629	-0.189703	-0.168843
-2.38E-06	-0.172816	-3.218107	
1.00000	-0.082629	-0.181750	-0.168843
-2.38E-06	-0.338971	-3.511356	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.158172	9.159618	0.202282
0.000634	0.481784	13.585664	
0.25000	0.158172	18.053428	0.202282
0.000634	0.244372	38.921783	
0.50000	0.158172	38.546326	0.202282
0.000634	0.047897	52.726832	
0.75000	0.158172	60.813982	0.202282
0.000634	0.360656	36.725511	
1.00000	0.158172	80.278143	0.202282
0.000634	0.688312	10.213652	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085660	-79.158979	-0.273699
-3.72E-05	-0.678245	-52.111216	
0.25000	-0.085660	-59.595376	-0.273699
-3.72E-05	-0.324248	-22.806546	
0.50000	-0.085660	-37.307713	-0.273699
-3.72E-05	-0.039373	-22.574307	
0.75000	-0.085660	-16.875150	-0.273699
-3.72E-05	-0.280765	-22.705832	
1.00000	-0.085660	-8.405818	-0.273699
-3.72E-05	-0.531170	-53.121956	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.280238	8.569876	0.335839
0.001099	0.806680	14.044054	
0.25000	0.280238	16.619400	0.335839
0.001099	0.402890	36.680522	
0.50000	0.280238	35.166916	0.335839
0.001099	0.048435	48.886103	
0.75000	0.280238	55.320713	0.335839
0.001099	0.548623	34.202883	
1.00000	0.280238	72.937149	0.335839
0.001099	1.063581	10.051486	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185502	-71.730800	-0.424494
-3.37E-05	-1.047066	-49.959791	
0.25000	-0.185502	-54.023621	-0.424494
-3.37E-05	-0.524517	-23.384679	
0.50000	-0.185502	-33.851717	-0.424494
-3.37E-05	-0.043656	-23.126376	
0.75000	-0.185502	-15.358809	-0.424494
-3.37E-05	-0.448618	-23.228369	
1.00000	-0.185502	-7.693467	-0.424494
-3.37E-05	-0.864094	-50.887197	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4978

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305775	6.174327	0.329531
0.000920	0.788444	13.353554	
0.25000	0.305775	11.028343	0.329531
0.000920	0.387772	26.138188	
0.50000	0.305775	22.212848	0.329531
0.000920	0.042042	32.756666	
0.75000	0.305775	34.365970	0.329531
0.000920	0.543703	23.609448	
1.00000	0.305775	44.989015	0.329531
0.000920	1.060227	8.960939	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.236230	-43.568411	-0.422660
-0.000662	-1.035945	-34.467647	
0.25000	-0.236230	-32.891092	-0.422660
-0.000662	-0.514869	-18.496223	
0.50000	-0.236230	-20.727051	-0.422660
-0.000662	-0.040139	-18.507726	
0.75000	-0.236230	-9.575476	-0.422660
-0.000662	-0.437636	-18.969701	
1.00000	-0.236230	-4.953129	-0.422660
-0.000662	-0.845014	-36.094221	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107237	0.860407	0.090467
7.13E-06	0.212008	2.246337	
0.25000	0.107237	0.868758	0.090467
7.13E-06	0.101575	3.559609	
0.50000	0.107237	0.888000	0.090467
7.13E-06	0.011645	3.003378	
0.75000	0.107237	0.908909	0.090467
7.13E-06	0.159359	2.635077	
1.00000	0.107237	0.927185	0.090467
7.13E-06	0.312453	2.386101	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154434	-0.240514	-0.124093
-0.001124	-0.300675	-3.772143	
0.25000	-0.154434	-0.222145	-0.124093
-0.001124	-0.147529	-3.841857	
0.50000	-0.154434	-0.201217	-0.124093
-0.001124	-0.011892	-4.075093	
0.75000	-0.154434	-0.182032	-0.124093
-0.001124	-0.120359	-4.463947	
1.00000	-0.154434	-0.174080	-0.124093
-0.001124	-0.231979	-4.983032	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210506	12.698154	0.144384
6.75E-05	0.336504	17.411694	
0.25000	0.210506	25.324860	0.144384
6.75E-05	0.177028	53.669794	
0.50000	0.210506	54.419002	0.144384
6.75E-05	0.061778	73.592167	
0.75000	0.210506	86.032801	0.144384
6.75E-05	0.287609	51.011803	
1.00000	0.210506	113.666426	0.144384
6.75E-05	0.532717	13.422082	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192080	-112.252375	-0.210969
-0.001279	-0.529816	-71.810880	
0.25000	-0.192080	-84.477569	-0.210969
-0.001279	-0.272934	-30.351348	
0.50000	-0.192080	-52.835366	-0.210969
-0.001279	-0.048743	-30.228145	
0.75000	-0.192080	-23.826882	-0.210969

-0.001279 -0.218041 -30.389085
1.00000 -0.192080 -11.802816 -0.210969
-0.001279 -0.396249 -73.484213
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4979

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232071	9.942082	0.228992
0.000384	0.541093	16.724561	
0.25000	0.232071	19.043832	0.228992
0.000384	0.271044	42.188754	
0.50000	0.232071	40.015859	0.228992
0.000384	0.056537	55.975101	
0.75000	0.232071	62.804140	0.228992
0.000384	0.419349	39.356220	
1.00000	0.232071	82.733378	0.228992
0.000384	0.801709	12.066269	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.189818	-81.089766	-0.318217
-0.001116	-0.785218	-55.572283	
0.25000	-0.189818	-61.068760	-0.318217
-0.001116	-0.394253	-25.685311	
0.50000	-0.189818	-38.260006	-0.318217
-0.001116	-0.047525	-25.680224	
0.75000	-0.189818	-17.349723	-0.318217
-0.001116	-0.119660	-26.120931	
1.00000	-0.189818	-8.682376	-0.318217
-0.001116	-0.603057	-57.616163	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.277766	8.556256	0.312646
0.000766	0.746349	15.594352	
0.25000	0.277766	16.109732	0.312646
0.000766	0.370752	36.424825	
0.50000	0.277766	33.514263	0.312646
0.000766	0.051822	47.572778	
0.75000	0.277766	52.426090	0.312646
0.000766	0.531481	33.614473	
1.00000	0.277766	68.956919	0.312646
0.000766	1.028973	10.859885	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248878	-67.389515	-0.409825
-0.000930	-1.008133	-48.452644	
0.25000	-0.248878	-50.774229	-0.409825
-0.000930	-0.503495	-23.617198	
0.50000	-0.248878	-31.845411	-0.409825
-0.000930	-0.046326	-23.624649	
0.75000	-0.248878	-14.492122	-0.409825
-0.000930	-0.421814	-24.052669	
1.00000	-0.248878	-7.299154	-0.409825
-0.000930	-0.808478	-50.294496	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215094	10.869972	0.215661
0.001380	0.533359	19.884488	
0.25000	0.215094	32.039996	0.215661
0.001380	0.266839	73.194267	
0.50000	0.215094	59.847669	0.215661
0.001380	0.062105	93.509363	
0.75000	0.215094	85.855592	0.215661
0.001380	0.398913	68.313304	
1.00000	0.215094	113.409109	0.215661
0.001380	0.781740	16.868184	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.198575	-112.324155	-0.313853
-0.001340	-0.777382	-78.462761	
0.25000	-0.198575	-85.111478	-0.313853
-0.001340	-0.392955	-31.249019	
0.50000	-0.198575	-59.056704	-0.313853
-0.001340	-0.053574	-30.762039	
0.75000	-0.198575	-31.306717	-0.313853
-0.001340	-0.270443	-30.850241	
1.00000	-0.198575	-10.386797	-0.313853
-0.001340	-0.532697	-78.910880	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4980

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360079	12.698154	0.378815
0.001286	0.913976	17.411694	
0.25000	0.360079	25.324860	0.378815
0.001286	0.445635	53.669794	
0.50000	0.360079	54.419002	0.378815
0.001286	0.061778	73.592167	
0.75000	0.360079	86.032801	0.378815
0.001286	0.582091	51.011803	
1.00000	0.360079	113.666426	0.378815
0.001286	1.151460	13.422082	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256357	-112.252375	-0.460476
-0.001279	-1.124096	-71.810880	
0.25000	-0.256357	-84.477569	-0.460476
-0.001279	-0.554692	-30.351348	
0.50000	-0.256357	-52.835366	-0.460476
-0.001279	-0.048743	-30.228145	
0.75000	-0.256357	-23.826882	-0.460476
-0.001279	-0.487259	-30.389085	
1.00000	-0.256357	-11.802816	-0.460476
-0.001279	-0.955304	-73.484213	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360079	12.698154	0.378815
0.001380	0.913976	19.884488	
0.25000	0.360079	32.039996	0.378815
0.001380	0.445635	73.194267	
0.50000	0.360079	59.847669	0.378815
0.001380	0.062105	93.509363	
0.75000	0.360079	86.032801	0.378815
0.001380	0.582091	68.313304	
1.00000	0.360079	113.666426	0.378815
0.001380	1.151460	16.868184	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256357	-112.324155	-0.460476
-0.001340	-1.124096	-78.462761	
0.25000	-0.256357	-85.111478	-0.460476
-0.001340	-0.554692	-31.249019	
0.50000	-0.256357	-59.056704	-0.460476
-0.001340	-0.053574	-30.762039	
0.75000	-0.256357	-31.306717	-0.460476
-0.001340	-0.487259	-30.850241	
1.00000	-0.256357	-11.802816	-0.460476
-0.001340	-0.955304	-78.910880	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.360079	12.698154	0.378815
0.001380	0.913976	19.884488	
0.25000	0.360079	32.039996	0.378815
0.001380	0.445635	73.194267	
0.50000	0.360079	59.847669	0.378815
0.001380	0.062105	93.509363	
0.75000	0.360079	86.032801	0.378815
0.001380	0.582091	68.313304	
1.00000	0.360079	113.666426	0.378815
0.001380	1.151460	16.868184	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.256357	-112.324155	-0.460476
-0.001340	-1.124096	-78.462761	
0.25000	-0.256357	-85.111478	-0.460476
-0.001340	-0.554692	-31.249019	
0.50000	-0.256357	-59.056704	-0.460476
-0.001340	-0.053574	-30.762039	
0.75000	-0.256357	-31.306717	-0.460476
-0.001340	-0.487259	-30.850241	
1.00000	-0.256357	-11.802816	-0.460476
-0.001340	-0.955304	-78.910880	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4981

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 487 ========== LENGTH = 4.942837

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105018	0.220371	0.113315
0.000642	0.284686	0.959471	
0.25000	0.105018	0.245194	0.113315
0.000642	0.144679	0.808418	
0.50000	0.105018	0.277424	0.113315
0.000642	0.004398	0.643447	
0.75000	0.105018	0.304604	0.113315
0.000642	0.179377	0.471730	
1.00000	0.105018	0.340128	0.113315
0.000642	0.364815	0.479037	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117621	-0.254780	-0.150081
-0.000115	-0.377024	-2.436714	
0.25000	-0.117621	-0.224360	-0.150081
-0.000115	-0.191567	-2.250229	
0.50000	-0.117621	-0.194194	-0.150081
-0.000115	-0.006036	-2.110966	
0.75000	-0.117621	-0.162897	-0.150081
-0.000115	-0.135394	-1.974830	
1.00000	-0.117621	-0.141137	-0.150081
-0.000115	-0.275414	-1.901581	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.137392	0.836715	0.187608
0.001186	0.471388	2.700974	
0.25000	0.137392	1.532752	0.187608
0.001186	0.240010	3.690043	
0.50000	0.137392	2.434183	0.187608
0.001186	0.008606	3.734500	
0.75000	0.137392	3.195239	0.187608
0.001186	0.304111	2.620176	
1.00000	0.137392	4.189905	0.187608
0.001186	0.618777	1.358934	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.189146	-3.709435	-0.254969
-3.80E-07	-0.641861	-6.813949	
0.25000	-0.189146	-2.857649	-0.254969
-3.80E-07	-0.326793	-5.178091	
0.50000	-0.189146	-2.013010	-0.254969
-3.80E-07	-0.012400	-4.828204	
0.75000	-0.189146	-1.136698	-0.254969
-3.80E-07	-0.224326	-4.529619	
1.00000	-0.189146	-0.527406	-0.254969
-3.80E-07	-0.456042	-5.937308	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.165090	1.196740	0.207562
0.001451	0.512359	4.746579	
0.25000	0.165090	1.219081	0.207562
0.001451	0.260664	3.529842	
0.50000	0.165090	1.248087	0.207562
0.001451	0.009868	2.490933	
0.75000	0.165090	1.272550	0.207562
0.001451	0.358719	1.739331	
1.00000	0.165090	1.304521	0.207562
0.001451	0.731530	1.533482	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.176947	-0.325724	-0.301742
-3.42E-07	-0.759943	-6.671272	
0.25000	-0.176947	-0.298346	-0.301742
-3.42E-07	-0.387063	-6.511911	
0.50000	-0.176947	-0.271196	-0.301742
-3.42E-07	-0.016703	-6.397033	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4982

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.185605	5.158284	0.206165
0.001203	0.503686	12.976126	
0.25000	0.185605	18.320581	0.206165
0.001203	0.262489	43.852396	
0.50000	0.185605	35.410335	0.206165
0.001203	0.033263	54.026274	
0.75000	0.185605	49.822846	0.206165
0.001203	0.360070	37.569828	
1.00000	0.185605	68.659329	0.206165
0.001203	0.724498	10.585497	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181125	-67.020059	-0.301056
-0.000393	-0.770614	-51.380620	
0.25000	-0.181125	-50.889363	-0.301056
-0.000393	-0.398585	-23.371551	
0.50000	-0.181125	-34.894013	-0.301056
-0.000393	-0.037789	-19.673108	
0.75000	-0.181125	-18.298861	-0.301056
-0.000393	-0.267306	-16.913412	
1.00000	-0.181125	-6.760377	-0.301056
-0.000393	-0.519802	-46.449376	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026950	0.557065	0.072660
0.000600	0.182820	1.996627	
0.25000	0.026950	0.581888	0.072660
0.000600	0.093020	1.444167	
0.50000	0.026950	0.614118	0.072660
0.000600	0.003195	0.959412	
0.75000	0.026950	0.641298	0.072660
0.000600	0.129268	0.584262	
1.00000	0.026950	0.676822	0.072660
0.000600	0.264134	0.501313	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063430	-0.188408	-0.109121
-4.18E-06	-0.275287	-2.740279	
0.25000	-0.063430	-0.159887	-0.109121
-4.18E-06	-0.140438	-2.687101	
0.50000	-0.063430	-0.127821	-0.109121
-4.18E-06	-0.006768	-2.680274	
0.75000	-0.063430	-0.096524	-0.109121
-4.18E-06	-0.086531	-2.675852	
1.00000	-0.063430	-0.074764	-0.109121
-4.18E-06	-0.176299	-2.733212	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086909	6.143033	0.111973
0.000831	0.269108	14.141188	
0.25000	0.086909	24.164257	0.111973
0.000831	0.147271	57.296831	
0.50000	0.086909	47.562957	0.111973
0.000831	0.036607	71.924057	
0.75000	0.086909	67.296071	0.111973
0.000831	0.224673	49.823133	
1.00000	0.086909	93.086333	0.111973
0.000831	0.447004	12.871470	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078575	-91.441359	-0.188321
-3.80E-07	-0.493471	-65.208996	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4983

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.078575	-69.355767	-0.188321
-3.80E-07	-0.260752	-26.967034	
0.50000	-0.078575	-47.455486	-0.188321
-3.80E-07	-0.038636	-22.008308	
0.75000	-0.078575	-24.733976	-0.188321
-3.80E-07	-0.156422	-18.333639	
1.00000	-0.078575	-8.935883	-0.188321
-3.80E-07	-0.290651	-58.876350	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.149715	5.734163	0.187803
0.001261	0.461647	13.554449	
0.25000	0.149715	22.020412	0.187803
0.001261	0.244179	52.358945	
0.50000	0.149715	43.166263	0.187803
0.001261	0.036433	65.386659	
0.75000	0.149715	60.599453	0.187803
0.001261	0.342451	45.322774	
1.00000	0.149715	84.306603	0.187803
0.001261	0.687651	11.988777	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.147536	-82.707753	-0.286952
-3.42E-07	-0.739417	-60.855905	
0.25000	-0.147536	-62.748584	-0.286952
-3.42E-07	-0.384828	-26.212013	
0.50000	-0.147536	-42.956894	-0.286952
-3.42E-07	-0.039671	-21.647286	
0.75000	-0.147536	-22.423023	-0.286952
-3.42E-07	-0.243949	-18.243864	
1.00000	-0.147536	-8.145986	-0.286952
-3.42E-07	-0.473182	-54.800501	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.171348	4.622755	0.192012
0.001056	0.472305	12.231574	
0.25000	0.171348	15.308977	0.192012
0.001056	0.245636	36.827528	
0.50000	0.171348	29.183826	0.192012
0.001056	0.029063	44.694293	
0.75000	0.171348	40.885073	0.192012
0.001056	0.338763	31.104358	
1.00000	0.171348	56.178059	0.192012
0.001056	0.682511	9.003766	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.159398	-54.412055	-0.283129
-0.000684	-0.372667	-43.486634	
0.25000	-0.159398	-41.315846	-0.283129
-0.000684	-0.372763	-20.801493	
0.50000	-0.159398	-28.329523	-0.283129
-0.000684	-0.035169	-17.853143	
0.75000	-0.159398	-14.856231	-0.283129
-0.000684	-0.247692	-15.666993	
1.00000	-0.159398	-5.468553	-0.283129
-0.000684	-0.481114	-39.700696	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074952	0.764008	0.070649
1.13E-05	0.175146	3.068365	
0.25000	0.074952	0.788831	0.070649
1.13E-05	0.087860	2.334429	
0.50000	0.074952	0.821060	0.070649
1.13E-05	0.004312	1.652036	
0.75000	0.074952	0.848241	0.070649
1.13E-05	0.105699	1.086407	
1.00000	0.074952	0.883765	0.070649
1.13E-05	0.213157	0.751035	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4984

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066868	-0.199372	-0.086978
-0.001118	-0.216775	-3.675967	
0.25000	-0.066868	-0.168952	-0.086978
-0.001118	-0.100280	-3.707800	
0.50000	-0.066868	-0.138786	-0.086978
-0.001118	-0.009589	-3.785477	
0.75000	-0.066868	-0.107489	-0.086978
-0.001118	-0.086768	-3.864921	
1.00000	-0.066868	-0.085729	-0.086978
-0.001118	-0.174067	-4.005280	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.133653	7.377527	0.110328
0.000121	0.267810	16.909416	
0.25000	0.133653	29.320896	0.110328
0.000121	0.146113	69.653296	
0.50000	0.133653	57.811875	0.110328
0.000121	0.044231	87.606388	
0.75000	0.133653	81.839523	0.110328
0.000121	0.188690	60.775519	
1.00000	0.133653	113.242542	0.110328
0.000121	0.367447	15.769798	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102433	-111.389356	-0.154856
-0.001242	-0.409725	-78.901945	
0.25000	-0.102433	-84.497258	-0.154856
-0.001242	-0.218372	-32.414453	
0.50000	-0.102433	-57.830800	-0.154856
-0.001242	-0.046303	-26.451657	
0.75000	-0.102433	-30.164388	-0.154856
-0.001242	-0.148652	-22.051835	
1.00000	-0.102433	-10.928142	-0.154856
-0.001242	-0.281055	-71.492083	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144362	5.875925	0.144492
0.000572	0.351231	14.972208	
0.25000	0.144362	20.933445	0.144492
0.000572	0.186244	50.277266	
0.50000	0.144362	40.483929	0.144492
0.000572	0.034598	61.815507	
0.75000	0.144362	56.971680	0.144492
0.000572	0.264466	42.850442	
1.00000	0.144362	78.520403	0.144492
0.000572	0.527757	11.581553	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.110519	-76.460899	-0.220022
-0.001131	-0.567829	-57.847727	
0.25000	-0.110519	-58.007565	-0.220022
-0.001131	-0.295896	-25.991738	
0.50000	-0.110519	-39.709066	-0.220022
-0.001131	-0.041247	-21.945123	
0.75000	-0.110519	-20.724400	-0.220022
-0.001131	-0.194031	-18.971199	
1.00000	-0.110519	-7.524505	-0.220022
-0.001131	-0.369965	-52.942453	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.164666	5.126245	0.189661
0.000928	0.465831	13.301465	
0.25000	0.164666	17.581093	0.189661
0.000928	0.243123	42.195296	
0.50000	0.164666	33.752302	0.189661
0.000928	0.031441	51.502927	
0.75000	0.164666	47.390167	0.189661
0.000928	0.332809	35.695043	
1.00000	0.164666	65.214222	0.189661
0.000928	0.668849	9.922465	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4985

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153968	-63.292260	-0.277698
-0.000943	-0.710433	-49.602108	
0.25000	-0.153968	-48.028560	-0.277698
-0.000943	-0.367228	-23.206984	
0.50000	-0.153968	-32.892932	-0.277698
-0.000943	-0.038537	-19.814527	
0.75000	-0.153968	-17.189740	-0.277698
-0.000943	-0.244124	-17.376611	
1.00000	-0.153968	-6.271429	-0.277698
-0.000943	-0.476324	-45.364391	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.202651	0.275338	0.211451
0.000652	0.522861	0.996815	
0.25000	0.202651	0.286492	0.211451
0.000652	0.261144	0.876079	
0.50000	0.202651	0.306222	0.211451
0.000652	0.005328	0.786511	
0.75000	0.202651	0.327174	0.211451
0.000652	0.264026	0.717708	
1.00000	0.202651	0.344572	0.211451
0.000652	0.535951	0.723556	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151524	-0.312056	-0.220098
-0.000112	-0.551821	-3.000688	
0.25000	-0.151524	-0.293226	-0.220098
-0.000112	-0.279837	-2.869348	
0.50000	-0.151524	-0.271953	-0.220098
-0.000112	-0.011582	-2.807020	
0.75000	-0.151524	-0.252911	-0.220098
-0.000112	-0.259673	-2.789813	
1.00000	-0.151524	-0.246111	-0.220098
-0.000112	-0.521276	-2.852542	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.238308	0.872970	0.352458
0.001193	0.869974	2.363064	
0.25000	0.238308	1.196428	0.352458
0.001193	0.434180	2.624182	
0.50000	0.238308	1.768618	0.352458
0.001193	0.010214	2.631803	
0.75000	0.238308	2.376208	0.352458
0.001193	0.455655	2.055955	
1.00000	0.238308	2.880756	0.352458
0.001193	0.925483	1.500346	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.265419	-2.482573	-0.380445
-2.31E-07	-0.954719	-6.968934	
0.25000	-0.265419	-1.936511	-0.380445
-2.31E-07	-0.484445	-6.198727	
0.50000	-0.265419	-1.319592	-0.380445
-2.31E-07	-0.023030	-6.222052	
0.75000	-0.265419	-0.767362	-0.380445
-2.31E-07	-0.435014	-6.404012	
1.00000	-0.265419	-0.570169	-0.380445
-2.31E-07	-0.870617	-7.691663	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.267996	1.400549	0.410708
0.001364	1.005604	4.077234	
0.25000	0.267996	1.410587	0.410708
0.001364	0.499698	3.208173	

0.50000 0.267996 1.428345 0.410708
0.001364 0.013021 2.531418
0.75000 0.267996 1.447201 0.410708
0.001364 0.542153 2.232640
1.00000 0.267996 1.462859 0.410708
0.001364 1.103043 2.275813
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4986

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.246964 -0.469096 -0.453668
-6.66E-06 -1.138646 -8.774978
0.25000 -0.246964 -0.452149 -0.453668
-6.66E-06 -0.577630 -9.062315
0.50000 -0.246964 -0.433003 -0.453668
-6.66E-06 -0.032144 -9.555475
0.75000 -0.246964 -0.415865 -0.453668
-6.66E-06 -0.514520 -10.242692
1.00000 -0.246964 -0.409745 -0.453668
-6.66E-06 -1.022152 -11.213005

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.316872 4.872048 0.395937
0.001131 0.969872 9.383820
0.25000 0.316872 12.676855 0.395937
0.001131 0.486464 14.573882
0.50000 0.316872 26.483399 0.395937
0.001131 0.031026 33.942308
0.75000 0.316872 41.144139 0.395937
0.001131 0.536831 22.746823
1.00000 0.316872 53.318536 0.395937
0.001131 1.077729 7.803376

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.245298 -52.144265 -0.445690
-0.000382 -1.126902 -40.336895
0.25000 -0.245298 -38.968149 -0.445690
-0.000382 -0.576372 -21.804803
0.50000 -0.245298 -24.082326 -0.445690
-0.000382 -0.048077 -19.876910
0.75000 -0.245298 -10.757396 -0.445690
-0.000382 -0.508036 -18.630578
1.00000 -0.245298 -5.999277 -0.445690
-0.000382 -0.997015 -40.019039

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.029701 0.646398 0.145113
0.000560 0.355610 1.596786
0.25000 0.029701 0.657551 0.145113
0.000560 0.176333 1.206370
0.50000 0.029701 0.677282 0.145113
0.000560 0.004516 0.928876
0.75000 0.029701 0.698233 0.145113
0.000560 0.200219 0.764434
1.00000 0.029701 0.715632 0.145113
0.000560 0.408063 0.716690

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.102279 -0.188131 -0.167989
-2.31E-06 -0.421908 -3.497230
0.25000 -0.102279 -0.169302 -0.167989
-2.31E-06 -0.214036 -3.685991
0.50000 -0.102279 -0.148029 -0.167989
-2.31E-06 -0.013045 -3.993555
0.75000 -0.102279 -0.128986 -0.167989
-2.31E-06 -0.181183 -4.380795
1.00000 -0.102279 -0.122187 -0.167989
-2.31E-06 -0.360203 -4.951193

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.122555 6.034557 0.226710
0.000723 0.557838 10.227616
0.25000 0.122555 17.913256 0.226710
0.000723 0.285163 36.356128
0.50000 0.122555 38.926431 0.226710
0.000723 0.035456 49.165519
0.75000 0.122555 61.239668 0.226710
0.000723 0.331294 32.252065
1.00000 0.122555 79.768761 0.226710
0.000723 0.655668 9.262025
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4987

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.108647 -78.776965 -0.274369
-2.31E-07 -0.703610 -53.081034
0.25000 -0.108647 -58.723284 -0.274369
-2.31E-07 -0.364973 -24.634586
0.50000 -0.108647 -36.067477 -0.274369
-2.31E-07 -0.044048 -21.284953
0.75000 -0.108647 -15.787305 -0.274369
-2.31E-07 -0.450555 -18.827206
1.00000 -0.108647 -8.545580 -0.274369
-2.31E-07 -0.580387 -50.586395

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.222545 5.709152 0.366135
0.001169 0.902861 10.063479
0.25000 0.222545 16.460211 0.366135
0.001169 0.456868 33.560013
0.50000 0.222545 35.478614 0.366135
0.001169 0.036134 45.033177
0.75000 0.222545 55.673665 0.366135
0.001169 0.506541 29.650538
1.00000 0.222545 72.443799 0.366135
0.001169 1.013558 8.858659

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.206351 -71.442397 -0.420923
-2.08E-07 -1.069571 -50.851356
0.25000 -0.206351 -53.292403 -0.420923
-2.08E-07 -0.549914 -25.034953
0.50000 -0.206351 -32.787302 -0.420923
-2.08E-07 -0.045290 -21.962699
0.75000 -0.206351 -14.432318 -0.420923
-2.08E-07 -0.470604 -19.730758
1.00000 -0.206351 -7.878047 -0.420923
-2.08E-07 -0.922441 -48.504199

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.270023 4.493849 0.367827
0.000980 0.898262 8.991875
0.25000 0.270023 10.976942 0.367827
0.000980 0.448113 22.476385
0.50000 0.270023 22.445400 0.367827
0.000980 0.027335 28.854726
0.75000 0.270023 34.623399 0.367827
0.000980 0.508564 19.424884
1.00000 0.270023 44.736108 0.367827
0.000980 1.022424 6.992093

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.224645 -43.312004 -0.422222
-0.000684 -1.065689 -36.084786
0.25000 -0.224645 -32.367213 -0.422222
-0.000684 -0.544177 -20.592924
0.50000 -0.224645 -20.002248 -0.422222
-0.000684 -0.046800 -19.534373
0.75000 -0.224645 -8.933844 -0.422222
-0.000684 -0.473506 -18.790516
1.00000 -0.224645 -4.981495 -0.422222
-0.000684 -0.927811 -36.910572

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.122855 0.894806 0.108663
9.11E-06 0.258109 2.412067
0.25000 0.122855 1.905969 0.108663
9.11E-06 0.123885 1.897526
0.50000 0.122855 0.925690 0.108663
9.11E-06 0.003749 1.490714
0.75000 0.122855 0.946642 0.108663
9.11E-06 0.155910 1.227584
1.00000 0.122855 0.964040 0.108663
9.11E-06 0.313603 1.177553
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4988

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.099041 -0.176111 -0.127735
-0.001162 -0.317567 -5.014735
0.25000 -0.099041 -0.157281 -0.127735
-0.001162 -0.159922 -5.408188
0.50000 -0.099041 -0.136008 -0.127735
-0.001162 -0.014766 -5.924419
0.75000 -0.099041 -0.116966 -0.127735
-0.001162 -0.143164 -6.540972
1.00000 -0.099041 -0.110166 -0.127735
-0.001162 -0.277540 -7.314143

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.234368 8.190917 0.174999
8.35E-05 0.427637 13.462451
0.25000 0.234368 25.055322 0.174999
8.35E-05 0.220722 50.831887
0.50000 0.234368 54.888111 0.174999
8.35E-05 0.044955 69.225377
0.75000 0.234368 86.566623 0.174999
8.35E-05 0.268786 45.316655
1.00000 0.234368 112.872716 0.174999
8.35E-05 0.514689 12.692524

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.133574 -111.813022 -0.216557
-0.001296 -0.560672 -73.488780
0.25000 -0.133574 -83.342443 -0.216557
-0.001296 -0.294333 -33.034213
0.50000 -0.133574 -51.177579 -0.216557
-0.001296 -0.051901 -28.139822
0.75000 -0.133574 -22.385447 -0.216557
-0.001296 -0.244308 -24.419237
1.00000 -0.133574 -12.104238 -0.216557
-0.001296 -0.459961 -69.159217

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.226076 6.756683 0.266174
0.000456 0.648426 12.106256
0.25000 0.226076 18.913109 0.266174
0.000456 0.326009 38.508574
0.50000 0.226076 40.417578 0.266174
0.000456 0.037775 51.352465
0.75000 0.226076 63.252505 0.266174
0.000456 0.393165 33.843191
1.00000 0.226076 82.214813 0.266174
0.000456 0.777210 10.209091

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.152490 -80.657593 -0.323110
-0.001178 -0.623160 -57.611667
0.25000 -0.152490 -60.135051 -0.323110
-0.001178 -0.424381 -28.824649
0.50000 -0.152490 -36.949544 -0.323110
-0.001178 -0.053363 -25.777347
0.75000 -0.152490 -16.195216 -0.323110
-0.001178 -0.357551 -23.685276
1.00000 -0.152490 -8.784178 -0.323110
-0.001178 -0.686120 -56.651987

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.249114 5.915420 0.350640
0.000835 0.857678 10.892083
0.25000 0.249114 16.003949 0.350640
0.000835 0.429904 32.594952
0.50000 0.249114 33.850349 0.350640
0.000835 0.034733 43.088114
0.75000 0.249114 52.800887 0.350640
0.000835 0.497631 28.506825
1.00000 0.249114 68.537568 0.350640
0.000835 0.993680 8.935415
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4989

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.225465 -67.037860 -0.411457
-0.000982 -1.042633 -50.287880
0.25000 -0.225465 -50.006353 -0.411457
-0.000982 -0.534510 -26.414253
0.50000 -0.225465 -30.764871 -0.411457
-0.000982 -0.053090 -23.944035
0.75000 -0.225465 -13.541007 -0.411457
-0.000982 -0.457056 -22.325529
1.00000 -0.225465 -7.390641 -0.411457
-0.000982 -0.889939 -49.879172

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.185605 7.377527 0.207562
0.001451 0.512359 16.909416
0.25000 0.185605 29.320896 0.207562
0.001451 0.262489 69.653296
0.50000 0.185605 57.811875 0.207562
0.001451 0.044231 87.606388
0.75000 0.185605 81.839523 0.207562
0.001451 0.360070 60.775519
1.00000 0.185605 113.242542 0.207562
0.001451 0.731530 15.769798

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.189146 -111.389356 -0.301742
-0.001242 -0.770614 -78.901945
0.25000 -0.189146 -84.497258 -0.301742
-0.001242 -0.398585 -32.414453
0.50000 -0.189146 -57.830800 -0.301742
-0.001242 -0.046303 -26.451657
0.75000 -0.189146 -30.164388 -0.301742
-0.001242 -0.267306 -22.051835
1.00000 -0.189146 -10.928142 -0.301742
-0.001242 -0.519802 -71.492083

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.316872 8.190917 0.410708
0.001364 1.005604 13.462451
0.25000 0.316872 25.055322 0.410708
0.001364 0.499698 50.831887
0.50000 0.316872 54.888111 0.410708
0.001364 0.044955 69.225377
0.75000 0.316872 86.566623 0.410708
0.001364 0.542153 45.316655
1.00000 0.316872 112.872716 0.410708
0.001364 1.103043 12.692524

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.265419 -111.813022 -0.453668
-0.001296 -1.138646 -73.488780
0.25000 -0.265419 -83.342443 -0.453668
-0.001296 -0.577630 -33.034213
0.50000 -0.265419 -51.177579 -0.453668
-0.001296 -0.053363 -28.139822
0.75000 -0.265419 -22.385447 -0.453668
-0.001296 -0.514520 -24.419237
1.00000 -0.265419 -12.104238 -0.453668
-0.001296 -1.022152 -69.159217

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.316872 8.190917 0.410708
0.001451 1.005604 16.909416
0.25000 0.316872 29.320896 0.410708
0.001451 0.499698 69.653296
0.50000 0.316872 57.811875 0.410708
0.001451 0.044955 87.606388
0.75000 0.316872 86.566623 0.410708
0.001451 0.542153 60.775519
1.00000 0.316872 113.242542 0.410708
0.001451 1.103043 15.769798
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4990

F R A M E E L E M E N T I N T E R N A
L F O R C E S

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.265419 -111.813022 -0.453668
-0.001296 -1.138646 -78.901945
0.25000 -0.265419 -84.497258 -0.453668
-0.001296 -0.577630 -33.034213
0.50000 -0.265419 -57.830800 -0.453668
-0.001296 -0.053363 -28.139822
0.75000 -0.265419 -30.164388 -0.453668
-0.001296 -0.514520 -24.419237
1.00000 -0.265419 -12.104238 -0.453668
-0.001296 -1.022152 -71.492083

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.316872 8.190917 0.410708
0.001451 1.005604 16.909416
0.25000 0.316872 29.320896 0.410708
0.001451 0.499698 69.653296
0.50000 0.316872 57.811875 0.410708
0.001451 0.044955 87.606388
0.75000 0.316872 86.566623 0.410708
0.001451 0.542153 60.775519
1.00000 0.316872 113.242542 0.410708
0.001451 1.103043 15.769798

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.265419 -111.813022 -0.453668
-0.001296 -1.138646 -78.901945
0.25000 -0.265419 -84.497258 -0.453668
-0.001296 -0.577630 -33.034213
0.50000 -0.265419 -57.830800 -0.453668
-0.001296 -0.053363 -28.139822
0.75000 -0.265419 -30.164388 -0.453668
-0.001296 -0.514520 -24.419237
1.00000 -0.265419 -12.104238 -0.453668
-0.001296 -1.022152 -71.492083

ELEM 488 ========== LENGTH
= 3.460010

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.107851 0.253803 0.207884
0.000586 0.365915 0.442367
0.25000 0.107851 0.279203 0.207884
0.000586 0.186095 0.519923
0.50000 0.107851 0.304623 0.207884
0.000586 0.005999 0.576967
0.75000 0.107851 0.334700 0.207884
0.000586 0.225901 0.603266
1.00000 0.107851 0.354838 0.207884
0.000586 0.460562 0.617954

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.114228 -0.225309 -0.271310
-0.000426 -0.478173 -1.925930
0.25000 -0.114228 -0.206146 -0.271310
-0.000426 -0.243489 1.615341
0.50000 -0.114228 -0.180770 -0.271310
-0.000426 -0.008617 -1.746645
0.75000 -0.114228 -0.150546 -0.271310
-0.000426 -0.173642 -1.673533
1.00000 -0.114228 -0.128254 -0.271310
-0.000426 -0.353374 -1.633647

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.136517 0.904572 0.344051
0.001041 0.605718 1.305337
0.25000 0.136517 1.615763 0.344051
0.001041 0.308140 2.522491
0.50000 0.136517 2.379028 0.344051
0.001041 0.011223 2.981799
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4991

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 0.136517 3.169679 0.344051
0.001041 0.377677 2.570796
1.00000 0.136517 3.733552 0.344051
0.001041 0.771735 1.744942

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.221106 -3.789170 -0.456284
-0.000684 -0.807024 -5.980417
0.25000 -0.221106 -3.252605 -0.456284
-0.000684 -0.412346 -4.791639
0.50000 -0.221106 -2.542061 -0.456284
-0.000684 -0.017906 -4.468433
0.75000 -0.221106 -1.695799 -0.456284
-0.000684 -0.289156 -4.147462
1.00000 -0.221106 -1.071605 -0.456284
-0.000684 -0.586381 -4.717141

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.144691 1.047043 0.422585
0.001286 0.732971 1.494702
0.25000 0.144691 1.069902 0.422585
0.001286 0.367416 1.287986
0.50000 0.144691 1.094436 0.422585
0.001286 0.011702 1.391571
0.75000 0.144691 1.119850 0.422585
0.001286 0.438920 1.467484
1.00000 0.144691 1.137974 0.422585
0.001286 0.901325 1.604308

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.207771 -0.468970 -0.534582
-0.000550 -0.948341 -6.287038
0.25000 -0.207771 -0.451723 -0.534582
-0.000550 -0.485920 -6.095214
0.50000 -0.207771 -0.428884 -0.534582
-0.000550 -0.023239 -5.933468
0.75000 -0.207771 -0.401683 -0.534582
-0.000550 -0.363656 -5.775657
1.00000 -0.207771 -0.381619 -0.534582
-0.000550 -0.729186 -5.645403

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.179294 7.663370 0.438915
0.001278 0.755953 10.556889
0.25000 0.179294 21.131561 0.438915
0.001278 0.376946 33.007372
0.50000 0.179294 35.585890 0.438915
0.001278 0.031179 40.220669
0.75000 0.179294 50.558551 0.438915
0.001278 0.435137 31.116794
1.00000 0.179294 61.237187 0.438915
0.001278 0.884597 11.182309

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.208531 -62.231502 -0.533508
-0.000788 -0.961351 -46.501568
0.25000 -0.208531 -52.070306 -0.533508
-0.000788 -0.499860 -26.749401
0.50000 -0.208531 -38.614370 -0.533508
-0.000788 -0.048972 -23.325450
0.75000 -0.208531 -22.588286 -0.533508
-0.000788 -0.390013 -19.904331
1.00000 -0.208531 -10.767612 -0.533508
-0.000788 -0.766503 -33.309209

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.018439 0.475788 0.143391
0.000510 0.246618 0.480027
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
4992

F R A M E E L E M E N T I N T E R N A
L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 0.018439 0.501187 0.143391
0.000510 0.122575 0.552332
0.50000 0.018439 0.528447 0.143391
0.000510 0.004302 0.596513
0.75000 0.018439 0.556685 0.143391
0.000510 0.155197 0.613434
1.00000 0.018439 0.576823 0.143391
0.000510 0.319891 0.708304

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.111362 -0.501747 -0.190450
-0.000211 -0.339057 -2.755178
0.25000 -0.111362 -0.482584 -0.190450
-0.000211 -0.174339 -2.632665
0.50000 -0.111362 -0.457207 -0.190450
-0.000211 -0.009630 -2.543183
0.75000 -0.111362 -0.426984 -0.190450
-0.000211 -0.125500 -2.454398
1.00000 -0.111362 -0.404691 -0.190450
-0.000211 -0.249526 -2.398145

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.067061 9.504845 0.263666
0.000725 0.448561 12.875255
0.25000 0.067061 27.945026 0.263666
0.000725 0.221409 43.993157
0.50000 0.067061 47.735395 0.263666
0.000725 0.034313 54.037333
0.75000 0.067061 68.235857 0.263666
0.000725 0.254197 41.506741
1.00000 0.067061 82.856265 0.263666
0.000725 0.515828 13.989182

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.119947 -84.853403 -0.321498
-0.000107 -0.596564 -58.904120
0.25000 -0.119947 -70.941164 -0.321498
-0.000107 -0.318462 -31.952051
0.50000 -0.119947 -52.517760 -0.321498
-0.000107 -0.050502 -27.352099
0.75000 -0.119947 -30.575399 -0.321498
-0.000107 -0.245206 -22.752672
1.00000 -0.119947 -14.390941 -0.321498
-0.000107 -0.468937 -41.185648

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.131718 8.730336 0.397301
0.001117 0.685283 11.964530
0.25000 0.131718 25.395079 0.397301
0.001117 0.342440 40.129578
0.50000 0.131718 43.280011 0.397301
0.001117 0.035638 49.240394
0.75000 0.131718 61.806668 0.397301
0.001117 0.403994 37.949963
1.00000 0.131718 75.019410 0.397301
0.001117 0.822016 13.097861

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.178534 -76.771719 -0.500463

```
-0.000415    -0.909595    -54.845036
0.25000    -0.178534    -64.198855    -0.500463
-0.000415    -0.476687    -30.420532
0.50000    -0.178534    -47.549275    -0.500463
-0.000415    -0.052766    -26.197275
0.75000    -0.178534    -27.719547    -0.500463
-0.000415    -0.354340    -21.976253
1.00000    -0.178534    -13.093344    -0.500463
-0.000415    -0.694091    -38.570769
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4993

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.162734    6.573661    0.415717
0.001275    0.713300    8.985298
0.25000    0.162734    17.508231    0.415717
0.001275    0.353203    27.045651
0.50000    0.162734    29.243429    0.415717
0.001275    0.025798    32.979265
0.75000    0.162734    41.399695    0.415717
0.001275    0.412438    25.597626
1.00000    0.162734    50.069234    0.415717
0.001275    0.839051    9.329245

COMB DB-G2-4 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.185533    -50.576001    -0.504478
-0.000946    -0.906452    -39.753732
0.25000    -0.185533    -42.326317    -0.504478
-0.000946    -0.470063    -23.689090
0.50000    -0.185533    -31.401695    -0.504478
-0.000946    -0.044655    -20.881632
0.75000    -0.185533    -18.390419    -0.504478
-0.000946    -0.372144    -18.077489
1.00000    -0.185533    -8.793437    -0.504478
-0.000946    -0.729174    -28.933477

COMB DB-G3-1 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.076909    0.677143    0.140571
0.000517    0.243620    0.757196
0.25000    0.076909    0.702542    0.140571
0.000517    0.122122    0.721352
0.50000    0.076909    0.729802    0.140571
0.000517    0.001320    0.735472
0.75000    0.076909    0.758039    0.140571
0.000517    0.143068    0.736887
1.00000    0.076909    0.778178    0.140571
0.000517    0.288593    0.723349

COMB DB-G3-1 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.060940    -0.190100    -0.168256
-0.000961    -0.293575    -4.025791
0.25000    -0.060940    -0.170937    -0.168256
-0.000961    -0.148027    -3.941693
0.50000    -0.060940    -0.163651    -0.168256
-0.000961    -0.008753    -3.888790
0.75000    -0.060940    -0.115337    -0.168256
-0.000961    -0.121175    -3.836766
1.00000    -0.060940    -0.093044    -0.168256
-0.000961    -0.242763    -3.816825

COMB DB-G3-2 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.150303    11.650538    0.238027
0.000701    0.408189    15.781348
0.25000    0.150303    34.103872    0.238027
0.000701    0.203440    53.603611
0.50000    0.150303    58.201236    0.238027
0.000701    0.036665    65.658853
0.75000    0.150303    83.163231    0.238027
0.000701    0.228096    50.370963
1.00000    0.150303    100.965491    0.238027
0.000701    0.451538    16.796967

COMB DB-G3-2 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.099600    -103.151625    -0.281526
-0.001070    -0.961551    -71.512952
0.25000    -0.099600    -86.211507    -0.281526
-0.001070    -0.279044    -38.759238
0.50000    -0.099600    -63.778602    -0.281526
-0.001070    -0.055417    -33.223175
0.75000    -0.099600    -37.060907    -0.281526
-0.001070    -0.227069    -27.689270
1.00000    -0.099600    -17.354211    -0.281526
-0.001070    -0.423701    -50.201516
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4994

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.131707    8.629162    0.328417
0.001029    0.560479    11.599954
0.25000    0.131707    24.036619    0.328417
0.001029    0.277165    37.357419
0.50000    0.131707    40.572208    0.328417
0.001029    0.028808    45.760808
0.75000    0.131707    57.701107    0.328417
0.001029    0.319979    35.301863
1.00000    0.131707    69.917002    0.328417
0.001029    0.646864    12.250929

COMB DB-G3-3 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.128099    -70.802302    -0.393821
-0.000977    -0.715778    -52.983490
0.25000    -0.128099    -59.178008    -0.393821
-0.000977    -0.375110    -25.445082
0.50000    -0.128099    -43.784569    -0.393821
-0.000977    -0.049788    -26.582545
0.75000    -0.128099    -25.450911    -0.393821
-0.000977    -0.306029    -22.720044
1.00000    -0.128099    -11.928194    -0.393821
-0.000977    -0.583718    -38.102665

COMB DB-G3-4 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.152032    7.327022    0.399711
0.001249    0.689211    9.915154
0.25000    0.152032    20.671321    0.399711
0.001249    0.344095    31.233385
0.50000    0.152032    33.748755    0.399711
0.001249    0.027624    38.211985
0.75000    0.152032    47.916946    0.399711
0.001249    0.405819    29.588581
1.00000    0.152032    58.021340    0.399711
0.001249    0.823904    10.608467

COMB DB-G3-4 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.180567    -58.792508    -0.496503
-0.001068    -0.894019    -45.414887
0.25000    -0.180567    -49.177458    -0.496503
-0.001068    -0.464538    -26.704167
0.50000    -0.180567    -36.444755    -0.496503
-0.001068    -0.047716    -23.443310
0.75000    -0.180567    -21.280045    -0.496503
-0.001068    -0.359912    -20.184423
1.00000    -0.180567    -10.094711    -0.496503
-0.001068    -0.700386    -32.845938

COMB DL-G1-1 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.218052    0.323934    0.418847
0.000593    0.731711    0.688155
0.25000    0.218052    0.333040    0.418847
0.000593    0.369131    0.696194
0.50000    0.218052    0.351488    0.418847
0.000593    0.007976    0.720500
0.75000    0.218052    0.370634    0.418847
0.000593    0.336353    0.747934
1.00000    0.218052    0.386788    0.418847
0.000593    0.685029    0.793260

COMB DL-G1-1 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.145457    -0.248364    -0.403187
-0.000410    -0.709881    -2.824916
0.25000    -0.145457    -0.230859    -0.403187
-0.000410    -0.361267    -2.881665
0.50000    -0.145457    -0.211365    -0.403187
-0.000410    -0.012768    -2.980295
0.75000    -0.145457    -0.193507    -0.403187
-0.000410    -0.354264    -3.102307
1.00000    -0.145457    -0.189818    -0.403187
-0.000410    -0.716655    -3.270054
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4995

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.234573    0.836627    0.708640
0.000996    1.234255    1.446866
0.25000    0.234573    1.101599    0.708640
0.000996    0.621411    1.879017
0.50000    0.234573    1.636591    0.708640
0.000996    0.013697    2.170902
0.75000    0.234573    2.191830    0.708640
0.000996    0.569787    1.998525
1.00000    0.234573    2.660272    0.708640
0.000996    1.164545    1.810218

COMB DL-G1-2 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.324414    -2.649321    -0.687945
-0.000635    -1.215684    -7.645508
0.25000    -0.324414    -2.141664    -0.687945
-0.000635    -0.620587    -7.078582
0.50000    -0.324414    -1.576365    -0.687945
-0.000635    -0.028891    -7.042326
0.75000    -0.324414    -1.058483    -0.687945
-0.000635    -0.633492    -7.221512
1.00000    -0.324414    -0.951502    -0.687945
-0.000635    -1.216391    -7.771961

COMB DL-G1-3 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.235491    1.184100    0.853944
0.001174    1.479158    2.219674
0.25000    0.235491    1.192323    0.853944
0.001174    0.740173    1.945373
0.50000    0.235491    1.208926    0.853944
0.001174    0.015054    1.838016
0.75000    0.235491    1.226158    0.853944
0.001174    0.670288    1.933693
1.00000    0.235491    1.240696    0.853944
0.001174    1.375752    2.118381

COMB DL-G1-3 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.307697    -0.602423    -0.815192
-0.000530    -1.444392    -11.160381
0.25000    -0.307697    -0.586668    -0.815192
-0.000530    -0.739060    -11.348160
0.50000    -0.307697    -0.569124    -0.815192
-0.000530    -0.040443    -11.645093
0.75000    -0.307697    -0.553052    -0.815192
-0.000530    -0.733811    -12.057602
1.00000    -0.307697    -0.549732    -0.815192
-0.000530    -1.472654    -12.549018

COMB DL-G1-4 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.314683    6.892898    0.845327
0.001189    1.457916    7.766778
0.25000    0.314683    13.286279    0.845327
0.001189    0.730275    18.668911
0.50000    0.314683    26.195485    0.845327
0.001189    0.028668    24.218220
0.75000    0.314683    39.593007    0.845327
0.001189    0.658115    17.444691
1.00000    0.314683    50.896192    0.845327
0.001189    1.343202    7.710492

COMB DL-G1-4 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.289602    -50.573148    -0.802425
-0.000766    -1.434024    -39.989292
0.25000    -0.289602    -38.323724    -0.802425
-0.000766    -0.739875    -27.432691
0.50000    -0.289602    -24.683468    -0.802425
-0.000766    -0.059761    -25.378998
0.75000    -0.289602    -12.187326    -0.802425
-0.000766    -0.739490    -23.502842
1.00000    -0.289602    -0.605936    -0.802425
-0.000766    -1.469193    -36.455303
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4996

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.017760    0.428413    0.305117
0.000436    0.525873    0.701499
0.25000    0.017760    0.437549    0.305117
0.000436    0.261867    0.670648
0.50000    0.017760    0.455598    0.305117
0.000436    0.005385    0.710403
0.75000    0.017760    0.475144    0.305117
0.000436    0.241673    0.765870
1.00000    0.017760    0.491297    0.305117
0.000436    0.498560    0.878341

COMB DL-G2-1 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.189783    -0.464452    -0.296759
-0.000190    -0.527865    -4.931705
0.25000    -0.189783    -0.446947    -0.296759
-0.000190    -0.270946    -4.871982
0.50000    -0.189783    -0.427454    -0.296759
-0.000190    -0.018624    -4.909950
0.75000    -0.189783    -0.409596    -0.296759
-0.000190    -0.264825    -4.981964
1.00000    -0.189783    -0.405907    -0.296759
-0.000190    -0.528698    -5.099426

COMB DL-G2-2 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.097555    9.088506    0.502927
0.000604    0.863349    9.245136
0.25000    0.097555    18.819053    0.502927
0.000604    0.433511    26.306756
0.50000    0.097555    38.466505    0.502927
0.000604    0.030709    35.052981
0.75000    0.097555    58.857160    0.502927
0.000604    0.386419    24.577616
1.00000    0.097555    76.060293    0.502927
0.000604    0.788838    9.497372

COMB DL-G2-2 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.186160    -76.358418    -0.480650
-8.84E-05    -0.876220    -50.560373
0.25000    -0.186160    -57.715136    -0.480650
-8.84E-05    -0.460144    -31.152753
0.50000    -0.186160    -36.955047    -0.480650
-8.84E-05    -0.056675    -27.640804
0.75000    -0.186160    -17.936267    -0.480650
-8.84E-05    -0.450330    -24.277303
1.00000    -0.186160    -14.007464    -0.480650
-8.84E-05    -0.883211    -43.306879

COMB DL-G2-3 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.192242    8.404847    0.777581
0.001030    1.343442    8.811858
0.25000    0.192242    17.215327    0.777581
0.001030    0.675434    24.295218
0.50000    0.192242    34.997655    0.777581
0.001030    0.033687    32.259289
0.75000    0.192242    53.452633    0.777581
0.001030    0.609933    22.824231
1.00000    0.192242    69.022680    0.777581
0.001030    1.244938    9.214763

COMB DL-G2-3 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.286777    -69.278938    -0.748211
-0.000378    -1.345584    -48.470035
0.25000    -0.286777    -52.405455    -0.748211
-0.000378    -0.698302    -30.884436
0.50000    -0.286777    -33.616112    -0.748211
-0.000378    -0.063265    -27.693319
0.75000    -0.286777    -16.402727    -0.748211
-0.000378    -0.681141    -24.655354
1.00000    -0.286777    -12.846934    -0.748211
-0.000378    -1.352075    -41.886559
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4997

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.266260    6.011443    0.799753
0.001185    1.373327    6.968320
0.25000    0.266260    11.322128    0.799753
0.001185    0.684380    15.939413
0.50000    0.266260    22.045210    0.799753
0.001185    0.024042    20.473398
0.75000    0.266260    33.173912    0.799753
0.001185    0.623513    14.634423
1.00000    0.266260    42.562946    0.799753
0.001185    1.274245    6.762929

COMB DL-G2-4 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.275753    -42.065882    -0.760909
-0.000917    -1.359166    -36.898892
0.25000    -0.275753    -31.890852    -0.760909
-0.000917    -0.701016    -26.513819
0.50000    -0.275753    -20.560521    -0.760909
-0.000917    -0.059373    -24.856941
0.75000    -0.275753    -10.180553    -0.760909
-0.000917    -0.738524    -23.588244
1.00000    -0.275753    -8.036312    -0.760909
-0.000917    -1.395049    -34.179004

COMB DL-G3-1 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.149788    0.692327    0.253538
0.000496    0.428815    1.145396
0.25000    0.149788    0.701464    0.253538
0.000496    0.209679    0.946223
0.50000    0.149788    0.719912    0.253538
0.000496    0.001084    0.900134
0.75000    0.149788    0.739058    0.253538
0.000496    0.202392    0.907171
1.00000    0.149788    0.755211    0.253538
0.000496    0.411946    0.921406

COMB DL-G3-1 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.070407    -0.191701    -0.242372
-0.000982    -0.426657    -7.344051
0.25000    -0.070407    -0.174195    -0.242372
-0.000982    -0.217193    -7.544009
0.50000    -0.070407    -0.154702    -0.242372
-0.000982    -0.018090    -7.804636
0.75000    -0.070407    -0.136844    -0.242372
-0.000982    -0.227720    -8.126873
1.00000    -0.070407    -0.133155    -0.242372
-0.000982    -0.446773    -8.488433

COMB DL-G3-2 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.286029    12.726623    0.411435
0.000622    0.697972    12.724847
0.25000    0.286029    26.541258    0.411435
0.000622    0.350071    36.942641
0.50000    0.286029    54.435105    0.411435
0.000622    0.035262    49.303793
0.75000    0.286029    83.384091    0.411435
0.000622    0.322558    34.382382
1.00000    0.286029    107.807694    0.411435
0.000622    0.645334    12.853584

COMB DL-G3-2 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.106384    -108.143621    -0.395903
-0.001073    -0.727427    -69.190026
0.25000    -0.106384    -81.675413    -0.395903
-0.001073    -0.385382    -41.742987
0.50000    -0.106384    -52.201933    -0.395903
-0.001073    -0.064050    -36.811701
0.75000    -0.106384    -25.200623    -0.395903
-0.001073    -0.383033    -32.053938
1.00000    -0.106384    -19.622830    -0.395903
-0.001073    -0.735314    -59.060445
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4998

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.237686    9.765040    0.611947
0.000881    1.042186    10.225950
0.25000    0.237686    19.723090    0.611947
0.000881    0.518414    27.508614
0.50000    0.237686    39.829905    0.611947
0.000881    0.029699    36.409623
0.75000    0.237686    60.697299    0.611947
0.000881    0.474618    25.657282
1.00000    0.237686    78.302646    0.611947
0.000881    0.965391    10.149589

COMB DL-G3-3 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.169379    -78.041159    -0.583332
-0.000975    -1.054793    -56.662771
0.25000    -0.169379    -58.961992    -0.583332
-0.000975    -0.550364    -37.068719
0.50000    -0.169379    -37.716525    -0.583332
-0.000975    -0.067123    -33.737948
0.75000    -0.169379    -18.253081    -0.583332
-0.000975    -0.553898    -30.581894
1.00000    -0.169379    -14.232421    -0.583332
-0.000975    -1.080576    -50.342633

COMB DL-G3-4 ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.252225    8.300289    0.770770
0.001118    1.322174    8.926852
0.25000    0.252225    16.564401    0.770770
0.001118    0.660040    23.275501
0.50000    0.252225    33.250899    0.770770
0.001118    0.029446    30.685792
0.75000    0.252225    50.568596    0.770770
0.001118    0.606159    21.816442
1.00000    0.252225    65.179144    0.770770
0.001118    1.235858    9.043945

COMB DL-G3-4 ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.282760    -65.027493    -0.741233
-0.001040    -1.330260    -49.877006
0.25000    -0.282760    -49.193833    -0.741233
-0.001040    -0.689145    -33.538029
0.50000    -0.282760    -31.562376    -0.741233
-0.001040    -0.067677    -30.723814
0.75000    -0.282760    -15.409807    -0.741233
-0.001040    -0.683802    -28.080329
1.00000    -0.282760    -12.073091    -0.741233
-0.001040    -1.348467    -44.485306

COMB      DB ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.179294    11.650538    0.438915
0.001286    0.755953    15.781348
0.25000    0.179294    34.103872    0.438915
0.001286    0.376946    53.603611
0.50000    0.179294    58.201236    0.438915
0.001286    0.036665    65.658853
0.75000    0.179294    83.163231    0.438915
0.001286    0.438920    50.370963
1.00000    0.179294    100.965491    0.438915
0.001286    0.901325    16.796967

COMB      DB ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.221106    -103.151625    -0.534582
-0.001070    -0.961351    -71.512952
0.25000    -0.221106    -86.211507    -0.534582
-0.001070    -0.499860    -38.759238
0.50000    -0.221106    -63.778602    -0.534582
-0.001070    -0.055417    -33.223175
0.75000    -0.221106    -37.060907    -0.534582
-0.001070    -0.390013    -27.689270
1.00000    -0.221106    -17.354211    -0.534582
-0.001070    -0.766503    -50.201516
Program  SAP2000  Nonlinear  Version  7.42
File:하행S06-S1003.OUT

                                Page
<                MOVING                LOAD                >
                                4999

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      DL ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.314683    12.726623    0.853944
0.001189    1.479158    12.724847
0.25000    0.314683    26.541258    0.853944
0.001189    0.740173    36.942641
0.50000    0.314683    54.435105    0.853944
0.001189    0.035262    49.303793
0.75000    0.314683    83.384091    0.853944
0.001189    0.670288    34.382382
1.00000    0.314683    107.807694    0.853944
0.001189    1.375752    12.853584

COMB      DL ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.324414    -108.143621    -0.815192
-0.001073    -1.444392    -69.190026
0.25000    -0.324414    -81.675413    -0.815192
-0.001073    -0.739875    -41.742987
0.50000    -0.324414    -52.201933    -0.815192
-0.001073    -0.067677    -36.811701
0.75000    -0.324414    -25.200623    -0.815192
-0.001073    -0.739490    -32.053938
1.00000    -0.324414    -19.622830    -0.815192
-0.001073    -1.472654    -59.060445

COMB      CAR ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.314683    12.726623    0.853944
0.001286    1.479158    15.781348
0.25000    0.314683    34.103872    0.853944
0.001286    0.740173    53.603611
0.50000    0.314683    58.201236    0.853944
0.001286    0.036665    65.658853
0.75000    0.314683    83.384091    0.853944
0.001286    0.670288    50.370963
1.00000    0.314683    107.807694    0.853944
0.001286    1.375752    16.796967

COMB      CAR ---------- MIN

REL DIST          P              V2              V3
T              M2              M3
0.00000    -0.324414    -108.143621    -0.815192
-0.001073    -1.444392    -71.512952
0.25000    -0.324414    -86.211507    -0.815192
-0.001073    -0.739875    -41.742987
0.50000    -0.324414    -63.778602    -0.815192
-0.001073    -0.067677    -36.811701
0.75000    -0.324414    -37.060907    -0.815192
-0.001073    -0.739490    -32.053938
1.00000    -0.324414    -19.622830    -0.815192
-0.001073    -1.472654    -59.060445

COMB      DESIGN ---------- MAX

REL DIST          P              V2              V3
T              M2              M3
0.00000    0.314683    12.726623    0.853944
0.001286    1.479158    15.781348
0.25000    0.314683    34.103872    0.853944
0.001286    0.740173    53.603611
0.50000    0.314683    58.201236    0.853944
0.001286    0.036665    65.658853
0.75000    0.314683    83.384091    0.853944
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 0.001286     0.670288    50.370963
 1.00000      0.314683   107.807694      0.853944
 0.001286     1.375752    16.796967

COMB  DESIGN  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.324414  -108.143621     -0.815192
-0.001073    -1.444392   -71.512952
0.25000     -0.324414   -86.211507     -0.815192
-0.001073    -0.739675   -41.742987
0.50000     -0.324414   -63.778602     -0.815192
-0.001073    -0.067677   -36.811701
0.75000     -0.324414   -37.060907     -0.815192
-0.001073    -0.739490   -32.053938
1.00000     -0.324414   -19.622830     -0.815192
-0.001073    -1.472654   -59.060445
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
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F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

ELEM      489  ================== LENGTH =     3.460026

COMB DB-G1-1  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.100934    0.124851      0.202714
0.000396     0.347662    0.577605
0.25000      0.100934    0.147143      0.202714
0.000396     0.172321    0.627341
0.50000      0.100934    0.177366      0.202714
0.000396     0.002780    0.665789
0.75000      0.100934    0.202743      0.202714
0.000396     0.227410    0.673374
1.00000      0.100934    0.221906      0.202714
0.000396     0.452374    0.654922

COMB DB-G1-1  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.106131   -0.357804     -0.260103
-0.000640    -0.447626   -1.664450
0.25000     -0.106131   -0.337666     -0.260103
-0.000640    -0.222636   -1.471966
0.50000     -0.106131   -0.309425     -0.260103
-0.000640    -0.007359   -1.316398
0.75000     -0.106131   -0.282166     -0.260103
-0.000640    -0.176399   -1.280102
1.00000     -0.106131   -0.256767     -0.260103
-0.000640    -0.353747   -1.385687

COMB DB-G1-2  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.127436    1.066158      0.347517
0.000648     0.590750    1.696708
0.25000      0.127436    1.690327      0.347517
0.000648     0.290364    2.618246
0.50000      0.127436    2.536577      0.347517
0.000648     0.004881    3.139742
0.75000      0.127436    3.247140      0.347517
0.000648     0.393228    2.789390
1.00000      0.127436    3.783702      0.347517
0.000648     0.741066    1.628028

COMB DB-G1-2  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.206048   -3.742897     -0.427404
-0.001119    -0.738043   -4.773525
0.25000     -0.206048   -3.179033     -0.427404
-0.001119    -0.368343   -3.777629
0.50000     -0.206048   -2.388281     -0.427404
-0.001119    -0.016845   -3.677045
0.75000     -0.206048   -1.625027     -0.427404
-0.001119    -0.311460   -3.794102
1.00000     -0.206048   -0.913842     -0.427404
-0.001119    -0.612065   -4.993285

COMB DB-G1-3  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.135441    0.382772      0.451477
0.000520     0.762268    1.545411
0.25000      0.135441    0.402834      0.451477
0.000520     0.371745    1.540682
0.50000      0.135441    0.430035      0.451477
0.000520     0.003800    1.605502
0.75000      0.135441    0.452875      0.451477
0.000520     0.418933    1.642544
1.00000      0.135441    0.470121      0.451477
0.000520     0.840242    1.674472

COMB DB-G1-3  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.203724   -1.155105     -0.487084
-0.001351    -0.845108   -5.722582
0.25000     -0.203724   -1.136980     -0.487084
-0.001351    -0.423803   -5.256507
0.50000     -0.203724   -1.111563     -0.487084
-0.001351    -0.023818   -4.837974
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5001

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P             V2             V3
     T            M2            M3
0.75000     -0.203724   -1.087030     -0.487084
-0.001351    -0.409336   -4.706313
1.00000     -0.203724   -1.064171     -0.487084
-0.001351    -0.799866   -4.902651

COMB DB-G1-4  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.161869   10.768504      0.487252
 0.000776    0.810588   11.133110
0.25000      0.161869   22.588690      0.487252
 0.000776    0.332235   31.219881
0.50000      0.161869   38.614548      0.487252
 0.000776    0.025926   40.429515
0.75000      0.161869   52.070835      0.487252
 0.000776    0.422889   33.225992
1.00000      0.161869   62.231992      0.487252
 0.000776    0.830193   10.631632

COMB DB-G1-4  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.204093  -61.256346     -0.484931
-0.001331    -0.850742   -33.383776
0.25000     -0.204093   -50.578176     -0.484931
-0.001331    -0.431286   -19.374420
0.50000     -0.204093   -35.603298     -0.484931
-0.001331    -0.051062   -22.199902
0.75000     -0.204093   -21.149191     -0.484931
-0.001331    -0.461354   -25.332349
1.00000     -0.204093    -7.681118     -0.484931
-0.001331    -0.882630   -45.096155

COMB DB-G2-1  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.017150    0.403275      0.165659
0.000210     0.275980    0.696284
0.25000      0.017150    0.425567      0.165659
0.000210     0.132691    0.642739
0.50000      0.017150    0.455790      0.165659
0.000210     0.000945    0.678162
0.75000      0.017150    0.481167      0.165659
0.000210     0.143105    0.685414
1.00000      0.017150    0.503330      0.165659
0.000210     0.288044    0.665155

COMB DB-G2-1  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.107262   -0.583747     -0.167625
-0.000526    -0.291892   -2.428837
0.25000     -0.107262   -0.563609     -0.167625
-0.000526    -0.146917   -2.250894
0.50000     -0.107262   -0.535368     -0.167625
-0.000526    -0.010368   -2.110618
0.75000     -0.107262   -0.508109     -0.167625
-0.000526    -0.153923   -2.085318
1.00000     -0.107262   -0.482709     -0.167625
-0.000526    -0.297219   -2.217903

COMB DB-G2-2  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.061674   14.395453      0.317837
 0.000106    0.517123   13.972140
0.25000      0.061674   30.579244      0.317837
 0.000106    0.247838   41.585558
0.50000      0.061674   52.521295      0.317837
 0.000106    0.029705   54.160261
0.75000      0.061674   70.945179      0.317837
 0.000106    0.231459   44.132701
1.00000      0.061674   84.857484      0.317837
 0.000106    0.446694   12.746699

COMB DB-G2-2  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.123806   -82.871348     -0.268078
-0.000735    -0.485020   -41.230882
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5002

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P             V2             V3
     T            M2            M3
0.25000     -0.123806   -68.251167     -0.268078
-0.000735    -0.253136   -22.449144
0.50000     -0.123806   -47.748080     -0.268078
-0.000735    -0.052439   -26.688376
0.75000     -0.123806   -27.958016     -0.268078
-0.000735    -0.317957   -31.100524
1.00000     -0.123806    -9.517995     -0.268078
-0.000735    -0.592888   -58.074315

COMB DB-G2-3  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.122184   13.093788      0.440923
 0.000394    0.731619   13.049437
0.25000      0.122184   27.719388      0.440923
 0.000394    0.355313   38.040810
0.50000      0.122184   47.548319      0.440923
 0.000394    0.028509   49.421653
0.75000      0.122184   64.198851      0.440923
 0.000394    0.382042   40.376402
1.00000      0.122184   76.771665      0.440923
 0.000394    0.748138   12.026340

COMB DB-G2-3  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.176942   -75.039014     -0.440626
-0.001152    -0.780195   -38.636658
0.25000     -0.176942   -61.826479     -0.440626
-0.001152    -0.399043   -21.533301
0.50000     -0.176942   -43.297450     -0.440626
-0.001152    -0.053670   -25.248335
0.75000     -0.176942   -25.412792     -0.440626
-0.001152    -0.421875   -29.210083
1.00000     -0.176942    -8.748195     -0.440626
-0.001152    -0.803283   -53.656201

COMB DB-G2-4  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.144240    8.794686      0.472267
 0.000940    0.784183    9.205486
0.25000      0.144240   18.391273      0.472267
 0.000940    0.379012   25.706993
0.50000      0.144240   31.402365      0.472267
 0.000940    0.022564   33.190847
0.75000      0.144240   42.327272      0.472267
 0.000940    0.401968   27.271977
1.00000      0.144240   50.529923      0.472267
 0.000940    0.790722    8.999111

COMB DB-G2-4  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.183217   -50.092309     -0.460827
-0.001297    -0.806252   -29.009736
0.25000     -0.183217   -41.422904     -0.460827
-0.001297    -0.407627   -17.510823
0.50000     -0.183217   -29.265082     -0.460827
-0.001297    -0.048206   -19.687864
0.75000     -0.183217   -17.530064     -0.460827
-0.001297    -0.447452   -21.199738
1.00000     -0.183217    -6.595589     -0.460827
-0.001297    -0.855971   -38.273153

COMB DB-G3-1  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.069560    0.090795      0.161595
 0.000985    0.266231    0.752898
0.25000      0.069560    0.113087      0.161595
 0.000985    0.126459    0.792576
0.50000      0.069560    0.143310      0.161595
 0.000985    0.005523    0.818971
0.75000      0.069560    0.168687      0.161595
 0.000985    0.155765    0.827623
1.00000      0.069560    0.187850      0.161595
 0.000985    0.305999    0.815589
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5003

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-1  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.058285   -0.791257     -0.173721
-0.000500    -0.029586   -3.842688
0.25000     -0.058285   -0.771119     -0.173721
-0.000500    -0.144799   -3.542607
0.50000     -0.058285   -0.742878     -0.173721
-0.000500    -0.013138   -3.290971
0.75000     -0.058285   -0.715619     -0.173721
-0.000500    -0.153124   -3.242986
1.00000     -0.058285   -0.690220     -0.173721
-0.000500    -0.292904   -3.324223

COMB DB-G3-2  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.133615   17.348692      0.297426
 0.001100    0.477680   16.829939
0.25000      0.133615   37.054575      0.297426
 0.001100    0.227280   50.474243
0.50000      0.133615   63.771893      0.297426
 0.001100    0.041546   65.767351
0.75000      0.133615   86.205383      0.297426
 0.001100    0.238902   53.636203
1.00000      0.133615  103.145434      0.297426
 0.001100    0.446749   15.594651

COMB DB-G3-2  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.095958  -100.979348     -0.263729
-0.000704    -0.470812   -50.239053
0.25000     -0.095958   -83.177365     -0.263729
-0.000704    -0.242690   -27.327952
0.50000     -0.095958   -58.212174     -0.263729
-0.000704    -0.060910   -32.466356
0.75000     -0.095958   -34.115181     -0.263729
-0.000704    -0.306670   -37.852621
1.00000     -0.095958   -11.662042     -0.263729
-0.000704    -0.563945   -70.618650

COMB DB-G3-3  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.116975   11.928525      0.406456
 0.001004    0.663459   12.264475
0.25000      0.116975   25.450684      0.406456
 0.001004    0.316590   35.422551
0.50000      0.116975   43.784084      0.406456
 0.001004    0.030042   45.937465
0.75000      0.116975   59.177924      0.406456
 0.001004    0.314854   37.567150
1.00000      0.116975   70.802172      0.406456
 0.001004    0.610784   11.348417

COMB DB-G3-3  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.132097   -69.939890     -0.358183
-0.001022    -0.631991   -38.166200
0.25000     -0.132097   -57.724185     -0.358183
-0.001022    -0.322147   -22.195350
0.50000     -0.132097   -40.593093     -0.358183
-0.001022    -0.055882   -25.481832
0.75000     -0.132097   -24.057759     -0.358183
-0.001022    -0.399896   -29.098136
1.00000     -0.132097    -8.650435     -0.358183
-0.001022    -0.751483   -51.646292

COMB DB-G3-4  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.136748   10.093601      0.463337
 0.001081    0.765296   10.602172
0.25000      0.136748   21.278473      0.463337
 0.001081    0.368409   29.706629
0.50000      0.136748   36.442969      0.463337
 0.001081    0.026064   38.418447
0.75000      0.136748   49.176005      0.463337
 0.001081    0.398049   31.509322
1.00000      0.136748   58.791017      0.463337
 0.001081    0.769925    9.837371
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5004

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.178289   -58.046113     -0.454785
-0.001263    -0.796501   -32.920406
0.25000     -0.178289   -47.941876     -0.454785
-0.001263    -0.403114   -19.606194
0.50000     -0.178289   -33.771871     -0.454785
-0.001263    -0.052558   -22.223719
0.75000     -0.178289   -20.094647     -0.454785
-0.001263    -0.444180   -25.198908
1.00000     -0.178289    -7.350459     -0.454785
-0.001263    -0.844969   -43.922639

COMB DL-G1-1  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.202475    0.139082      0.421908
0.000364     0.719205    0.743871
0.25000      0.202475    0.142771      0.421908
0.000364     0.354193    0.780575
0.50000      0.202475    0.166828      0.421908
0.000364     0.003927    0.819002
0.75000      0.202475    0.180122      0.421908
0.000364     0.340993    0.851942
1.00000      0.202475    0.197627      0.421908
0.000364     0.677969    0.892997

COMB DL-G1-1  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.135135   -0.408278     -0.389628
-0.000678    -0.670087   -3.234553
0.25000     -0.135135   -0.392124     -0.389628
-0.000678    -0.333856   -3.069539
0.50000     -0.135135   -0.372977     -0.389628
-0.000678    -0.010602   -2.933516
0.75000     -0.135135   -0.354529     -0.389628
-0.000678    -0.374512   -2.811799
1.00000     -0.135135   -0.345393     -0.389628
-0.000678    -0.739394   -2.722434

COMB DL-G1-2  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.217907    0.865997      0.739316
 0.000579    1.254222    1.735918
0.25000      0.217907    0.972997      0.739316
 0.000579    0.615653    2.057268
0.50000      0.217907    1.490844      0.739316
 0.000579    0.005253    2.361291
0.75000      0.217907    2.056166      0.739316
 0.000579    0.556893    2.174232
1.00000      0.217907    2.563816      0.739316
 0.000579    1.110873    1.802792

COMB DL-G1-2  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.301251   -2.709155     -0.640813
-0.001135    -1.106290   -7.720499
0.25000     -0.301251   -2.240706     -0.640813
-0.001135    -0.551943   -7.019840
0.50000     -0.301251   -1.685443     -0.640813
-0.001135    -0.024866   -6.971158
0.75000     -0.301251   -1.150467     -0.640813
-0.001135    -0.661556   -6.971108
1.00000     -0.301251    -0.885526     -0.640813
-0.001135    -1.301137   -7.441655

COMB DL-G1-3  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.222732    0.450295      0.907735
0.000481     1.535736    2.036511
0.25000      0.222732    0.453615      0.907735
0.000481     0.750782    2.026607
0.50000      0.222732    0.469686      0.907735
0.000481     0.004735    2.094779
0.75000      0.222732    0.487231      0.907735
0.000481     0.640683    2.275317
1.00000      0.222732    0.502986      0.907735
0.000481     1.285378    2.659672
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5005

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.292262   -1.322577     -0.745106
-0.001293    -1.291801   -12.500199
0.25000     -0.292262   -1.308038     -0.745106
-0.001293    -0.647070   -11.998233
0.50000     -0.292262   -1.290806     -0.745106
-0.001293    -0.037900   -11.557154
0.75000     -0.292262   -1.274203     -0.745106
-0.001293    -0.816781   -11.205291
1.00000     -0.292262   -1.265981     -0.745106
-0.001293    -1.601632   -10.930664

COMB DL-G1-4  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.298404    9.511533      0.921530
0.000740     1.545848    7.650927
0.25000      0.298404   12.093362      0.921530
 0.000740    0.753223   17.550481
0.50000      0.298404   24.588649      0.921530
 0.000740    0.022039   24.466337
0.75000      0.298404   38.229490      0.921530
 0.000740    0.636197   19.000998
1.00000      0.298404   50.478733      0.921530
 0.000740    1.262496    8.174761

COMB DL-G1-4  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.276648  -50.990417     -0.732795
-0.001273    -1.277145   -36.436048
0.25000     -0.276648   -39.686353     -0.732795
-0.001273    -0.643586   -23.461742
0.50000     -0.276648   -26.288246     -0.732795
-0.001273    -0.061190   -25.289510
0.75000     -0.276648   -13.379634     -0.732795
-0.001273    -0.648255   -27.588743
1.00000     -0.276648    -6.986778     -0.732795
-0.001273    -1.644761   -39.728471

COMB DL-G2-1  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.016655    0.372090      0.341342
 0.000184    0.574638    0.852110
0.25000      0.016655    0.375780      0.341342
 0.000184    0.279379    0.802147
0.50000      0.016655    0.393636      0.341342
 0.000184    0.000744    0.815357
0.75000      0.016655    0.413130      0.341342
 0.000184    0.218677    0.834536
1.00000      0.016655    0.430635      0.341342
 0.000184    0.441331    0.884955

COMB DL-G2-1  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.176951   -0.528346     -0.257168
-0.000461    -0.448087   -5.085438
0.25000     -0.176951   -0.512192     -0.257168
-0.000461    -0.225461   -4.962758
0.50000     -0.176951   -0.493045     -0.257168
-0.000461    -0.017100   -4.887239
0.75000     -0.176951   -0.474597     -0.257168
-0.000461    -0.309973   -4.834511
1.00000     -0.176951   -0.465461     -0.257168
-0.000461    -0.605190   -4.835744

COMB DL-G2-2  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.096539   13.957581      0.572362
 8.53E-05    0.949740    9.464677
0.25000      0.096539   17.887052      0.572362
 8.53E-05    0.461251   24.510300
0.50000      0.096539   36.904531      0.572362
 8.53E-05    0.024840   35.226406
0.75000      0.096539   57.665512      0.572362
 8.53E-05    0.353284   26.487129
1.00000      0.096539   76.308518      0.572362
 8.53E-05    0.696269    9.471624
Program    SAP2000     Nonlinear     Version     7.42
                File:하행S06-S1003.OUT

                        Page
<                MOVING              LOAD                >
                                     5006

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.180524  -76.131935     -0.409360
-0.000621    -0.727210   -43.297691
0.25000     -0.180524   -58.927464     -0.409360
-0.000621    -0.373317   -24.259413
0.50000     -0.180524   -38.535919     -0.409360
-0.000621    -0.056976   -27.595204
0.75000     -0.180524   -18.889371     -0.409360
-0.000621    -0.541773   -31.058504
1.00000     -0.180524    -9.159622     -0.409360
-0.000621    -1.036700   -50.405974

COMB DL-G2-3  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.184583   12.762869      0.850068
 0.000343    1.424842    9.147083
0.25000      0.184583   16.319317      0.850068
 0.000343    0.695647   22.915869
0.50000      0.184583   33.531474      0.850068
 0.000343    0.024129   32.507041
0.75000      0.184583   52.321624      0.850068
 0.000343    0.575710   24.611737
1.00000      0.184583   69.194858      0.850068
 0.000343    1.140765    9.221119

COMB DL-G2-3  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.273946  -69.108228     -0.664679
-0.001073    -1.165276   -41.868832
0.25000     -0.273946   -53.536970     -0.664679
-0.001073    -0.590662   -24.571197
0.50000     -0.273946   -35.081186     -0.664679
-0.001073    -0.061194   -27.548098
0.75000     -0.273946   -17.299676     -0.664679
-0.001073    -0.785573   -30.641011
1.00000     -0.273946    -8.493569     -0.664679
-0.001073    -1.520727   -48.108545

COMB DL-G2-4  ------------------  MAX

REL DIST          P             V2             V3
     T            M2            M3
0.00000      0.255047    7.948611      0.892613
 0.000913    1.493519    6.722366
0.25000      0.255047   10.093217      0.892613
 0.000913    0.724936   14.947072
0.50000      0.255047   20.472474      0.892613
 0.000913    0.019538   20.747547
0.75000      0.255047   31.803291      0.892613
 0.000913    0.597635   16.245460
1.00000      0.255047   41.978172      0.892613
 0.000913    1.188650    7.377270

COMB DL-G2-4  ------------------  MIN

REL DIST          P             V2             V3
     T            M2            M3
0.00000     -0.265012  -42.666462     -0.690243
-0.001205    -1.203186   -34.188750
0.25000     -0.265012   -33.276698     -0.690243
-0.001205    -0.606460   -23.316352
```

0.50000 -0.265012 -22.147509 -0.690243
-0.001205 -0.062944 -24.708605
0.75000 -0.265012 -11.424921 -0.690243
-0.001205 -0.824238 -26.253681
1.00000 -0.265012 -6.114671 -0.690243
-0.001205 -1.596237 -36.512953

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.145487	0.110102	0.304546
0.001057	0.502967	0.956858	
0.25000	0.145487	0.113792	0.304546
0.001057	0.240485	0.979366	
0.50000	0.145487	0.131648	0.304546
0.001057	0.006830	1.002075	
0.75000	0.145487	0.151142	0.304546
0.001057	0.206819	1.069894	
1.00000	0.145487	0.168647	0.304546
0.001057	0.410442	1.218041	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068153	-0.807890	-0.235424
-0.000459	-0.404398	-8.531447	
0.25000	-0.068153	-0.791736	-0.235424
-0.000459	-0.398928	-8.132023	
0.50000	-0.068153	-0.772589	-0.235424
-0.000459	-0.026104	-7.765135	
0.75000	-0.068153	-0.754142	-0.235424
-0.000459	-0.286607	-7.450174	
1.00000	-0.068153	-0.745006	-0.235424
-0.000459	-0.550247	-7.198522	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.275896	19.588103	0.500466
0.001155	0.813501	12.890655	
0.25000	0.275896	25.166845	0.500466
0.001155	0.390581	34.484071	
0.50000	0.275896	52.166307	0.500466
0.001155	0.041832	49.449985	
0.75000	0.275896	81.641052	0.500466
0.001155	0.325937	37.077101	
1.00000	0.275896	108.108869	0.500466
0.001155	0.622987	12.848488	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.104258	-107.886858	-0.362399
-0.000582	-0.642077	-59.115600	
0.25000	-0.104258	-83.461356	-0.362399
-0.000582	-0.329420	-32.038570	
0.50000	-0.104258	-54.511106	-0.362399
-0.000582	-0.074322	-36.723878	
0.75000	-0.104258	-26.618542	-0.362399
-0.000582	-0.005895	-41.558985	
1.00000	-0.104258	-12.805040	-0.362399
-0.000582	-0.928414	-68.942714	

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.230665	14.175711	0.720803
0.001049	1.189392	10.161986	
0.25000	0.230665	18.197054	0.720803
0.001049	0.572764	25.788220	
0.50000	0.230665	37.659166	0.720803
0.001049	0.031691	36.638486	
0.75000	0.230665	58.905545	0.720803
0.001049	0.455945	27.737989	
1.00000	0.230665	77.984430	0.720803
0.001049	0.896527	10.467281	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166070	-78.410763	-0.522459
-0.000845	-0.919031	-50.382236	
0.25000	-0.166070	-60.804047	-0.522459
-0.000845	-0.467335	-30.580711	
0.50000	-0.166070	-39.935741	-0.522459
-0.000845	-0.075984	-33.666814	
0.75000	-0.166070	-19.829851	-0.522459
-0.000845	-0.687190	-36.907650	
1.00000	-0.166070	-9.872619	-0.522459
-0.000845	-1.310724	-56.430119	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243150	11.993807	0.877233
0.001087	1.460214	9.026874	
0.25000	0.243150	15.331091	0.877233
0.001087	0.716044	21.943316	
0.50000	0.243150	31.482554	0.877233
0.001087	0.027326	30.953732	
0.75000	0.243150	49.114768	0.877233
0.001087	0.580933	23.586888	
1.00000	0.243150	64.948194	0.877233
0.001087	1.149045	9.290664	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.270113	-65.289386	-0.667683
-0.001142	-1.167599	-44.509526	
0.25000	-0.270113	-50.677701	-0.667683
-0.001142	-0.590032	-28.001940	
0.50000	-0.270113	-33.359248	-0.667683
-0.001142	-0.073476	-30.548216	
0.75000	-0.270113	-16.675518	-0.667683
-0.001142	-0.820282	-33.253243	
1.00000	-0.270113	-8.410084	-0.667683
-0.001142	-1.579051	-49.474559	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.161869	17.348692	0.487252
0.001100	0.810588	16.828939	
0.25000	0.161869	37.054575	0.487252
0.001100	0.393235	50.474243	
0.50000	0.161869	63.771893	0.487252
0.001100	0.041546	65.767351	
0.75000	0.161869	86.205383	0.487252
0.001100	0.422889	53.636203	
1.00000	0.161869	103.145434	0.487252
0.001100	0.840242	15.594651	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.206048	-100.979348	-0.487084
-0.001351	-0.850742	-50.239053	
0.25000	-0.206048	-83.177365	-0.487084
-0.001351	-0.431286	-27.327952	
0.50000	-0.206048	-58.212174	-0.487084
-0.001351	-0.060910	-32.466356	
0.75000	-0.206048	-34.115181	-0.487084
-0.001351	-0.461354	-37.852621	
1.00000	-0.206048	-11.662042	-0.487084
-0.001351	-0.882830	-70.618650	

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298404	19.588103	0.921530
0.001155	1.545848	12.890655	
0.25000	0.298404	25.166845	0.921530
0.001155	0.753223	34.484071	
0.50000	0.298404	52.166307	0.921530
0.001155	0.041832	49.449985	
0.75000	0.298404	81.641052	0.921530
0.001155	0.640683	37.077101	
1.00000	0.298404	108.108869	0.921530
0.001155	1.285378	12.848488	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.301251	-107.886858	-0.745106
-0.001293	-1.291801	-59.115600	
0.25000	-0.301251	-83.461356	-0.745106
-0.001293	-0.647070	-32.038570	
0.50000	-0.301251	-54.511106	-0.745106
-0.001293	-0.075984	-36.723878	
0.75000	-0.301251	-26.618542	-0.745106
-0.001293	-0.848255	-41.558985	
1.00000	-0.301251	-12.805040	-0.745106
-0.001293	-1.644761	-68.942714	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298404	19.588103	0.921530
0.001155	1.545848	16.828939	
0.25000	0.298404	37.054575	0.921530
0.001155	0.753223	50.474243	
0.50000	0.298404	63.771893	0.921530
0.001155	0.041832	65.767351	
0.75000	0.298404	86.205383	0.921530
0.001155	0.640683	53.636203	
1.00000	0.298404	108.108869	0.921530
0.001155	1.285378	15.594651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.301251	-107.886858	-0.745106
-0.001351	-1.291801	-59.115600	
0.25000	-0.301251	-83.461356	-0.745106
-0.001351	-0.647070	-32.038570	
0.50000	-0.301251	-58.212174	-0.745106
-0.001351	-0.075984	-36.723878	
0.75000	-0.301251	-34.115181	-0.745106
-0.001351	-0.848255	-41.558985	
1.00000	-0.301251	-12.805040	-0.745106
-0.001351	-1.644761	-70.618650	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.298404	19.588103	0.921530
0.001155	1.545848	16.828939	
0.25000	0.298404	37.054575	0.921530
0.001155	0.753223	50.474243	
0.50000	0.298404	63.771893	0.921530
0.001155	0.041832	65.767351	
0.75000	0.298404	86.205383	0.921530
0.001155	0.640683	53.636203	
1.00000	0.298404	108.108869	0.921530
0.001155	1.285378	15.594651	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.301251	-107.886858	-0.745106
-0.001351	-1.291801	-59.115600	
0.25000	-0.301251	-83.461356	-0.745106
-0.001351	-0.647070	-32.038570	
0.50000	-0.301251	-58.212174	-0.745106
-0.001351	-0.075984	-36.723878	
0.75000	-0.301251	-34.115181	-0.745106
-0.001351	-0.848255	-41.558985	
1.00000	-0.301251	-12.805040	-0.745106
-0.001351	-1.644761	-70.618650	

ELEM 490 ================== LENGTH = 4.943366

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086495	0.153175	0.102998
0.000116	0.253620	0.619946	
0.25000	0.086495	0.174936	0.102998
0.000116	0.126353	0.691314	
0.50000	0.086495	0.206234	0.102998
0.000116	0.000308	0.745184	
0.75000	0.086495	0.236399	0.102998
0.000116	0.153436	0.759104	
1.00000	0.086495	0.266831	0.102998
0.000116	0.308583	0.746766	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095088	-0.375334	-0.125586
-0.000724	-0.312255	-1.341279	
0.25000	-0.095088	-0.339801	-0.125586
-0.000724	-0.157060	-1.430163	
0.50000	-0.095088	-0.312619	-0.125586
-0.000724	-0.004851	-1.583095	
0.75000	-0.095088	-0.280389	-0.125586
-0.000724	-0.128249	-1.739737	
1.00000	-0.095088	-0.255569	-0.125586
-0.000724	-0.255539	-1.945066	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117028	0.536436	0.185047
2.15E-06	0.452175	1.573204	
0.25000	0.117028	1.145741	0.185047
2.15E-06	0.224157	3.015285	
0.50000	0.117028	2.022080	0.185047
2.15E-06	0.001834	3.879802	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.117028	2.866711	0.185047
2.15E-06	0.248582	3.510542	
1.00000	0.117028	3.718816	0.185047
2.15E-06	0.499936	2.342927	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154585	-4.243597	-0.203762
-0.001297	-0.508011	-4.923467	
0.25000	-0.154585	-3.248664	-0.203762
-0.001297	-0.256294	-3.540045	
0.50000	-0.154585	-2.487574	-0.203762
-0.001297	-0.010735	-3.870759	
0.75000	-0.154585	-1.585138	-0.203762
-0.001297	-0.233938	-4.252398	
1.00000	-0.154585	-0.890157	-0.203762
-0.001297	-0.462611	-5.917666	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.152573	0.199721	0.248174
4.11E-07	0.603672	1.619654	
0.25000	0.152573	0.219305	0.248174
4.11E-07	0.297025	1.938787	
0.50000	0.152573	0.247473	0.248174
4.11E-07	0.003931	2.451472	
0.75000	0.152573	0.274622	0.248174
4.11E-07	0.296888	3.215304	
1.00000	0.152573	0.302011	0.248174
4.11E-07	0.542972	4.267198	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153617	-1.374939	-0.223462
-0.001548	-0.561787	-4.822225	
0.25000	-0.153617	-1.342959	-0.223462
-0.001548	-0.285624	-4.916966	
0.50000	-0.153617	-1.318496	-0.223462
-0.001548	-0.014708	-5.070034	
0.75000	-0.153617	-1.289499	-0.223462
-0.001548	-0.316508	-5.227783	
1.00000	-0.153617	-1.267150	-0.223462
-0.001548	-0.623150	-5.429548	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.169934	6.732425	0.277176
0.000440	0.658901	10.583183	
0.25000	0.169934	18.271140	0.277176
0.000440	0.328177	37.660600	
0.50000	0.169934	34.866818	0.277176
0.000440	0.027821	53.862706	
0.75000	0.169934	50.862014	0.277176
0.000440	0.282483	43.458917	
1.00000	0.169934	66.998748	0.277176
0.000440	0.553575	12.436964	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.159386	-68.736061	-0.226269
-0.001284	-0.574329	-45.029593	
0.25000	-0.159386	-49.894512	-0.226269
-0.001284	-0.294689	-15.484694	
0.50000	-0.159386	-35.481378	-0.226269
-0.001284	-0.036091	-18.347860	
0.75000	-0.159386	-18.391493	-0.226269
-0.001284	-0.368820	-22.124876	
1.00000	-0.159386	-5.230288	-0.226269
-0.001284	-0.711319	-50.158349	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.033536	0.063366	0.097548
4.40E-06	0.214299	0.645898	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.033536	0.085127	0.097548
4.40E-06	0.114830	0.709378	
0.50000	0.033536	0.116425	0.097548
4.40E-06	0.001571	0.877534	
0.75000	0.033536	0.146590	0.097548
4.40E-06	0.090623	1.270533	
1.00000	0.033536	0.177022	0.097548
4.40E-06	0.183891	1.833947	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.053569	-0.701493	-0.075591
-0.000622	-0.111269	-1.132721	
0.25000	-0.053569	-0.665960	-0.075591
-0.000622	-0.096975	-2.147645	
0.50000	-0.053569	-0.638778	-0.075591
-0.000622	-0.006124	-2.166110	
0.75000	-0.053569	-0.606548	-0.075591
-0.000622	-0.126439	-2.187096	
1.00000	-0.053569	-0.581728	-0.075591
-0.000622	-0.246956	-2.254668	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094663	8.886770	0.193100
4.59E-05	0.447190	12.725237	
0.25000	0.094663	24.680780	0.193100
4.59E-05	0.224734	49.741482	
0.50000	0.094663	47.403010	0.193100
4.59E-05	0.034687	71.662849	
0.75000	0.094663	69.303081	0.193100
4.59E-05	0.145241	56.968128	
1.00000	0.094663	91.396940	0.193100
4.59E-05	0.274723	13.794825	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076691	-93.129689	-0.114192
-0.000846	-0.302455	-58.042775	
0.25000	-0.076691	-67.332491	-0.114192
-0.000846	-0.161300	-17.450891	
0.50000	-0.076691	-47.598525	-0.114192
-0.000846	-0.037002	-21.229163	
0.75000	-0.076691	-26.199644	-0.114192
-0.000846	-0.268805	-26.256420	
1.00000	-0.076691	-6.179776	-0.114192
-0.000846	-0.507384	-64.492511	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144309	8.105881	0.252758
4.14E-05	0.593949	11.977725	
0.25000	0.144309	22.383204	0.252758
4.14E-05	0.297876	45.443456	
0.50000	0.144309	42.917715	0.252758
4.14E-05	0.031478	65.276055	
0.75000	0.144309	62.709226	0.252758
4.14E-05	0.247158	51.982008	
1.00000	0.144309	82.675866	0.252758
4.14E-05	0.481710	13.065260	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.130817	-84.373707	-0.198269
-0.001330	-0.509949	-53.594784	
0.25000	-0.130817	-61.060289	-0.198269
-0.001330	-0.264874	-17.007254	
0.50000	-0.130817	-43.226329	-0.198269
-0.001330	-0.038355	-20.518880	
0.75000	-0.130817	-22.080316	-0.198269
-0.001330	-0.343366	-25.159719	
1.00000	-0.130817	-5.795418	-0.198269
-0.001330	-0.655686	-59.812304	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.158305	5.457946	0.273051
0.000736	0.647071	8.959002	
0.25000	0.158305	14.826012	0.273051
0.000736	0.320610	31.091290	
0.50000	0.158305	28.299731	0.273051
0.000736	0.024517	44.483684	
0.75000	0.158305	41.285930	0.273051
0.000736	0.271862	36.383216	
1.00000	0.158305	54.387040	0.273051
0.000736	0.534113	11.693564	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.142694	-56.254167	-0.217780
-0.001114	-0.550021	-38.217120	
0.25000	-0.142694	-40.957068	-0.217780
-0.001114	-0.280823	-14.188641	
0.50000	-0.142694	-29.255316	-0.217780
-0.001114	-0.033824	-16.471850	
0.75000	-0.142694	-15.380360	-0.217780
-0.001114	-0.365529	-19.496326	
1.00000	-0.142694	-4.695025	-0.217780
-0.001114	-0.702928	-42.213202	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063068	0.034789	0.097886
0.001170	0.234267	0.843178	
0.25000	0.063068	0.056549	0.097886
0.001170	0.113345	0.937109	
0.50000	0.063068	0.087847	0.097886
0.001170	0.004706	1.446899	
0.75000	0.063068	0.118013	0.097886
0.001170	0.122161	2.127952	
1.00000	0.063068	0.148445	0.097886
0.001170	0.239777	2.867863	

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054496	-0.919215	-0.095179
-1.07E-05	-0.230744	-3.322333	
0.25000	-0.054496	-0.883682	-0.095179
-1.07E-05	-0.113093	-3.211012	
0.50000	-0.054496	-0.856500	-0.095179
-1.07E-05	-0.009244	-3.159005	
0.75000	-0.054496	-0.824270	-0.095179
-1.07E-05	-0.128703	-3.109616	
1.00000	-0.054496	-0.799449	-0.095179
-1.07E-05	-0.249629	-3.105973	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118548	10.869843	0.185150
0.001350	0.422365	15.621305	
0.25000	0.118548	30.106475	0.185150
0.001350	0.213216	60.556872	
0.50000	0.118548	57.773763	0.185150
0.001350	0.043784	87.246102	
0.75000	0.118548	84.439965	0.185150
0.001350	0.184376	69.281044	
1.00000	0.118548	111.342130	0.185150
0.001350	0.336277	16.540972	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087978	-113.294140	-0.134363
-0.000121	-0.343381	-70.617099	
0.25000	-0.087978	-81.882676	-0.134363
-0.000121	-0.177313	-21.125989	
0.50000	-0.087978	-57.853990	-0.134363
-0.000121	-0.045951	-25.658915	
0.75000	-0.087978	-29.362791	-0.134363
-0.000121	-0.264172	-31.711061	
1.00000	-0.087978	-7.421244	-0.134363
-0.000121	-0.492942	-78.198222	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140839	7.432212	0.247211
0.001216	0.578639	11.360983	
0.25000	0.140839	20.632371	0.247211
0.001216	0.286693	42.502929	
0.50000	0.140839	39.617640	0.247211
0.001216	0.033897	61.349548	
0.75000	0.140839	57.915963	0.247211
0.001216	0.220527	49.791640	
1.00000	0.140839	76.376204	0.247211
0.001216	0.423080	14.497769	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102302	-78.586855	-0.171763
-0.000576	-0.435514	-51.622628	
0.25000	-0.102302	-57.032336	-0.171763
-0.000576	-0.224232	-17.637743	
0.50000	-0.102302	-40.543874	-0.171763
-0.000576	-0.040371	-20.725474	
0.75000	-0.102302	-20.993239	-0.171763
-0.000576	-0.338006	-24.856581	
1.00000	-0.102302	-5.936969	-0.171763
-0.000576	-0.643451	-56.734748	

COMB DB-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.153567	6.203007	0.274201
0.001014	0.647455	9.829443	
0.25000	0.153567	17.121536	0.274201
0.001014	0.319788	35.614379	
0.50000	0.153567	32.825226	0.274201
0.001014	0.028203	51.216005	
0.75000	0.153567	47.960709	0.274201
0.001014	0.274091	41.711888	
1.00000	0.153567	63.230122	0.274201
0.001014	0.534758	12.767210	

COMB DB-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136053	-65.289273	-0.217430
-0.000968	-0.548872	-43.878016	
0.25000	-0.136053	-47.460425	-0.217430
-0.000968	-0.280105	-15.823506	
0.50000	-0.136053	-33.821971	-0.217430
-0.000968	-0.037264	-18.434010	
0.75000	-0.136053	-17.650637	-0.217430
-0.000968	-0.369311	-21.907848	
1.00000	-0.136053	-5.196823	-0.217430
-0.000968	-0.708106	-48.333141	

COMB DL-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.163436	0.195092	0.221896

0.000118	0.543308	0.847025	
0.25000	0.163436	0.201893	0.221896
0.000118	0.269144	0.926848	
0.50000	0.163436	0.220933	0.221896
0.000118	0.000326	1.036008	
0.75000	0.163436	0.242209	0.221896
0.000118	0.229028	1.165459	
1.00000	0.163436	0.261042	0.221896
0.000118	0.461796	1.335012	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.126390	-0.395259	-0.187998
-0.000770	-0.467866	-2.692608	
0.25000	-0.126390	-0.377859	-0.187998
-0.000770	-0.235167	-2.577024	
0.50000	-0.126390	-0.356909	-0.187998
-0.000770	-0.007592	-2.534811	
0.75000	-0.126390	-0.337175	-0.187998
-0.000770	-0.278548	-2.543883	
1.00000	-0.126390	-0.326023	-0.187998
-0.000770	-0.552750	-2.631023	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.201421	0.477491	0.396210
1.41E-06	0.968373	1.728409	
0.25000	0.201421	0.674722	0.396210
1.41E-06	0.479252	2.446966	
0.50000	0.201421	1.226891	0.396210
1.41E-06	0.001518	3.086406	
0.75000	0.201421	1.843898	0.396210
1.41E-06	0.367189	3.142803	
1.00000	0.201421	2.390032	0.396210
1.41E-06	0.742316	2.983941	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213534	-2.970336	-0.303021
-0.001366	-0.756399	-7.404875	
0.25000	-0.213534	-2.465743	-0.303021
-0.001366	-0.381279	-6.077893	
0.50000	-0.213534	-1.858190	-0.303021
-0.001366	-0.016464	-5.780667	
0.75000	-0.213534	-1.285913	-0.303021
-0.001366	-0.499451	-5.665099	
1.00000	-0.213534	-0.962490	-0.303021
-0.001366	-0.988976	-6.331016	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.245364	0.267267	0.490452
7.42E-06	1.197429	2.580934	
0.25000	0.245364	0.273388	0.490452
7.42E-06	0.591981	2.740841	
0.50000	0.245364	0.290524	0.490452
7.42E-06	0.004410	3.152946	
0.75000	0.245364	0.309672	0.490452
7.42E-06	0.407754	3.936033	
1.00000	0.245364	0.326621	0.490452
7.42E-06	0.831868	4.959433	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.208790	-1.568048	-0.342373
-0.001524	-0.860270	-10.903935	
0.25000	-0.208790	-1.552388	-0.342373
-0.001524	-0.436181	-9.849420	
0.50000	-0.208790	-1.533533	-0.342373
-0.001524	-0.025788	-9.017215	
0.75000	-0.208790	-1.515773	-0.342373
-0.001524	-0.619797	-8.389817	
1.00000	-0.208790	-1.505736	-0.342373
-0.001524	-1.225284	-7.959848	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.289316	5.843819	0.509230
0.000443	1.231497	8.115824	
0.25000	0.289316	10.602873	0.509230
0.000443	0.612072	23.298348	
0.50000	0.289316	23.926344	0.509230
0.000443	0.025245	34.598069	
0.75000	0.289316	38.814281	0.509230
0.000443	0.417762	26.751231	
1.00000	0.289316	51.992131	0.509230
0.000443	0.834466	10.335451	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213685	-53.428825	-0.340535
-0.001264	-0.859637	-39.730378	
0.25000	-0.213685	-41.253325	-0.340535
-0.001264	-0.438275	-18.233562	
0.50000	-0.213685	-26.593506	-0.340535
-0.001264	-0.044321	-19.339052	
0.75000	-0.213685	-12.784856	-0.340535
-0.001264	-0.658446	-21.130367	
1.00000	-0.213685	-4.980881	-0.340535
-0.001264	-1.286799	-39.500552	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.037520	0.069930	0.188993
2.60E-06	0.460442	0.857183	
0.25000	0.037520	0.076731	0.188993
2.60E-06	0.227041	0.941108	
0.50000	0.037520	0.095772	0.188993
2.60E-06	0.001610	1.150946	
0.75000	0.037520	0.117048	0.188993
2.60E-06	0.135563	1.495259	
1.00000	0.037520	0.135880	0.188993
2.60E-06	0.277611	1.930688	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076618	-0.757557	-0.114646
-0.000606	-0.289114	-4.833004	
0.25000	-0.076618	-0.740157	-0.114646
-0.000606	-0.147097	-4.256528	
0.50000	-0.076618	-0.719207	-0.114646
-0.000606	-0.010762	-3.801358	
0.75000	-0.076618	-0.699473	-0.114646
-0.000606	-0.239570	-3.460408	
1.00000	-0.076618	-0.688321	-0.114646
-0.000606	-0.472928	-3.205144	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.132969	8.436655	0.322255
4.27E-05	0.772363	9.438635	
0.25000	0.132969	15.679801	0.322255
4.27E-05	0.389252	32.605778	
0.50000	0.132969	35.957753	0.322255
4.27E-05	0.032537	49.591432	
0.75000	0.132969	58.616779	0.322255
4.27E-05	0.221566	36.889380	
1.00000	0.132969	78.673098	0.322255
4.27E-05	0.434935	10.901362	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095458	-79.836361	-0.178271
-0.000749	-0.461993	-50.420736	
0.25000	-0.095458	-61.305589	-0.178271
-0.000749	-0.241306	-18.605414	
0.50000	-0.095458	-38.993753	-0.178271
-0.000749	-0.042263	-20.989053	
0.75000	-0.095458	-17.977372	-0.178271
-0.000749	-0.426201	-24.275503	
1.00000	-0.095458	-6.099939	-0.178271
-0.000749	-0.823019	-52.599639	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.215036	7.738506	0.467699
3.87E-05	1.129045	9.159073	
0.25000	0.215036	14.294063	0.467699
3.87E-05	0.565205	30.171647	
0.50000	0.215036	32.647037	0.467699
3.87E-05	0.029583	45.638342	
0.75000	0.215036	53.155052	0.467699
3.87E-05	0.370458	34.260398	
1.00000	0.215036	71.307433	0.467699
3.87E-05	0.736999	10.945079	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.173578	-72.545893	-0.301299
-0.001275	-0.767006	-48.105700	
0.25000	-0.173578	-55.774239	-0.301299
-0.001275	-0.393959	-19.142845	
0.50000	-0.173578	-35.580457	-0.301299
-0.001275	-0.044788	-21.241477	
0.75000	-0.173578	-16.559152	-0.301299
-0.001275	-0.607997	-24.218818	
1.00000	-0.173578	-5.809239	-0.301299
-0.001275	-1.184735	-49.906434	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.257011	4.823333	0.500263
0.000750	1.207276	7.338260	
0.25000	0.257011	8.776465	0.500263
0.000750	0.597532	19.983961	
0.50000	0.257011	19.843656	0.500263
0.000750	0.023893	29.515496	
0.75000	0.257011	32.210379	0.500263
0.000750	0.393802	23.358586	
1.00000	0.257011	43.156609	0.500263
0.000750	0.787453	9.940073	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195483	-44.842828	-0.321292
-0.001068	-0.609741	-36.538093	
0.25000	-0.195483	-34.729203	-0.321292
-0.001068	-0.412116	-18.224935	
0.50000	-0.195483	-22.551969	-0.321292
-0.001068	-0.045130	-18.808584	
0.75000	-0.195483	-11.081761	-0.321292
-0.001068	-0.649483	-20.032045	
1.00000	-0.195483	-4.599359	-0.321292
-0.001068	-1.267075	-35.066048	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113945	0.036573	0.184175
0.001271	0.440136	1.239678	
0.25000	0.113945	0.043374	0.184175
0.001271	0.212252	1.407166	
0.50000	0.113945	0.062414	0.184175
0.001271	0.006794	1.706326	
0.75000	0.113945	0.083690	0.184175
0.001271	0.153913	2.161184	
1.00000	0.113945	0.102522	0.184175
0.001271	0.303929	2.730706	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088851	-1.003832	-0.121744
-8.80E-06	-0.298276	-7.247338	
0.25000	-0.088851	-0.986432	-0.121744
-8.80E-06	-0.148112	-6.411771	
0.50000	-0.088851	-0.965482	-0.121744
-8.80E-06	-0.018522	-5.720447	
0.75000	-0.088851	-0.945748	-0.121744
-8.80E-06	-0.243115	-5.130980	
1.00000	-0.088851	-0.934596	-0.121744
-8.80E-06	-0.471233	-4.659407	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.216287	11.992686	0.302120
0.001422	0.708897	12.870660	
0.25000	0.216287	22.275913	0.302120
0.001422	0.355515	45.655543	
0.50000	0.216287	51.064892	0.302120
0.001422	0.048771	69.602184	
0.75000	0.216287	83.234327	0.302120
0.001422	0.242390	51.302800	
1.00000	0.216287	111.708651	0.302120
0.001422	0.452362	14.059994	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.124321	-112.939219	-0.178909
-8.39E-05	-0.455611	-69.007988	
0.25000	-0.124321	-86.630743	-0.178909
-8.39E-05	-0.235298	-24.159818	
0.50000	-0.124321	-54.954221	-0.178909
-8.39E-05	-0.056858	-27.809601	
0.75000	-0.124321	-25.116880	-0.178909
-8.39E-05	-0.417688	-32.621683	
1.00000	-0.124321	-8.254271	-0.178909
-8.39E-05	-0.790345	-72.936834	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.225571	8.621393	0.420182
0.001266	1.002174	10.469100	
0.25000	0.225571	16.033886	0.420182
0.001266	0.497893	34.290399	
0.50000	0.225571	36.785942	0.420182
0.001266	0.039519	51.894119	
0.75000	0.225571	59.974743	0.420182
0.001266	0.310531	39.183603	
1.00000	0.225571	80.499984	0.420182
0.001266	0.605579	12.954714	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.140312	-82.302937	-0.244939
-0.000472	-0.621886	-56.495285	
0.25000	-0.140312	-63.338910	-0.244939
-0.000472	-0.319157	-23.394033	
0.50000	-0.140312	-40.505417	-0.244939
-0.000472	-0.056465	-25.367212	
0.75000	-0.140312	-18.997667	-0.244939
-0.000472	-0.560561	-28.287158	
1.00000	-0.140312	-6.842537	-0.244939
-0.000472	-1.078757	-56.917699	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.242155	7.223442	0.499922
0.001055	1.200684	9.266237	
0.25000	0.242155	13.375015	0.499922
0.001055	0.595264	29.050428	
0.50000	0.242155	30.596994	0.499922
0.001055	0.032957	43.724881	
0.75000	0.242155	49.841209	0.499922
0.001055	0.390074	33.341604	
1.00000	0.242155	66.874956	0.499922
0.001055	0.770538	11.831577	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194803	-68.644712	-0.312831
-0.000909	-0.789752	-49.516277	
0.25000	-0.194803	-52.906606	-0.312831
-0.000909	-0.402892	-21.831128	
0.50000	-0.194803	-33.957258	-0.312831
-0.000909	-0.053275	-23.308261	
0.75000	-0.194803	-16.108134	-0.312831
-0.000909	-0.656411	-25.643435	
1.00000	-0.194803	-6.020681	-0.312831
-0.000909	-1.273401	-49.379160	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.169934	10.869843	0.277176
0.001350	0.658901	15.621305	
0.25000	0.169934	30.106475	0.277176
0.001350	0.328177	60.556872	
0.50000	0.169934	57.773763	0.277176
0.001350	0.043784	87.246102	
0.75000	0.169934	84.439965	0.277176
0.001350	0.282483	69.281044	
1.00000	0.169934	111.342130	0.277176
0.001350	0.553575	16.540972	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.159386	-113.294140	-0.226269
-0.001548	-0.574329	-70.617099	
0.25000	-0.159386	-81.882676	-0.226269
-0.001548	-0.294689	-21.125989	
0.50000	-0.159386	-57.853990	-0.226269
-0.001548	-0.045951	-25.658915	
0.75000	-0.159386	-29.362791	-0.226269
-0.001548	-0.369311	-31.711061	
1.00000	-0.159386	-7.421244	-0.226269
-0.001548	-0.711319	-78.198222	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.289316	11.992686	0.509230
0.001422	1.231497	12.870660	
0.25000	0.289316	22.275913	0.509230
0.001422	0.612072	45.655543	
0.50000	0.289316	51.064892	0.509230
0.001422	0.048771	69.602184	
0.75000	0.289316	83.234327	0.509230
0.001422	0.417762	51.302800	
1.00000	0.289316	111.708651	0.509230
0.001422	0.834466	14.059994	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213685	-112.939219	-0.342373
-0.001524	-0.860270	-69.007988	
0.25000	-0.213685	-86.630743	-0.342373
-0.001524	-0.438275	-24.159818	
0.50000	-0.213685	-54.954221	-0.342373
-0.001524	-0.056858	-27.809601	
0.75000	-0.213685	-25.116880	-0.342373
-0.001524	-0.658446	-32.621683	
1.00000	-0.213685	-8.254271	-0.342373
-0.001524	-1.286799	-72.936834	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.289316	11.992686	0.509230
0.001422	1.231497	15.621305	
0.25000	0.289316	30.106475	0.509230
0.001422	0.612072	60.556872	
0.50000	0.289316	57.773763	0.509230
0.001422	0.048771	87.246102	
0.75000	0.289316	84.439965	0.509230
0.001422	0.417762	69.281044	
1.00000	0.289316	111.708651	0.509230
0.001422	0.834466	16.540972	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213685	-113.294140	-0.342373
-0.001548	-0.860270	-70.617099	
0.25000	-0.213685	-86.630743	-0.342373
-0.001548	-0.438275	-24.159818	
0.50000	-0.213685	-57.853990	-0.342373
-0.001548	-0.056858	-27.809601	
0.75000	-0.213685	-29.362791	-0.342373
-0.001548	-0.658446	-32.621683	
1.00000	-0.213685	-8.254271	-0.342373
-0.001548	-1.286799	-78.198222	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.289316	11.992686	0.509230
0.001422	1.231497	15.621305	
0.25000	0.289316	30.106475	0.509230
0.001422	0.612072	60.556872	
0.50000	0.289316	57.773763	0.509230
0.001422	0.048771	87.246102	
0.75000	0.289316	84.439965	0.509230
0.001422	0.417762	69.281044	
1.00000	0.289316	111.708651	0.509230
0.001422	0.834466	16.540972	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.213685	-113.294140	-0.342373
-0.001548	-0.860270	-70.617099	
0.25000	-0.213685	-86.630743	-0.342373
-0.001548	-0.438275	-24.159818	
0.50000	-0.213685	-57.853990	-0.342373
-0.001548	-0.056858	-27.809601	
0.75000	-0.213685	-29.362791	-0.342373
-0.001548	-0.658446	-32.621683	
1.00000	-0.213685	-8.254271	-0.342373
-0.001548	-1.286799	-78.198222	

ELEM 491 ========== LENGTH = 4.942624

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078438	0.049249	0.100771
5.49E-07	0.251583	0.725261	
0.25000	0.078438	0.072928	0.100771
5.49E-07	0.127085	1.032057	
0.50000	0.078438	0.104319	0.100771
5.49E-07	0.005223	1.343646	
0.75000	0.078438	0.133788	0.100771
5.49E-07	0.134153	1.633257	
1.00000	0.078438	0.164570	0.100771
5.49E-07	0.274367	1.904162	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086031	-0.430588	-0.113486
-0.000765	-0.286649	-1.913096	
0.25000	-0.086031	-0.399424	-0.113486
-0.000765	-0.146473	-1.877614	
0.50000	-0.086031	-0.370005	-0.113486
-0.000765	-0.007533	-1.896789	
0.75000	-0.086031	-0.338550	-0.113486
-0.000765	-0.121997	-1.917103	
1.00000	-0.086031	-0.314605	-0.113486
-0.000765	-0.246514	-1.991355	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.135491	0.426071	0.184232
4.13E-06	0.461482	2.304647	
0.25000	0.135491	1.089108	0.184232
4.13E-06	0.234494	4.221832	
0.50000	0.135491	1.968044	0.184232
4.13E-06	0.012841	5.505497	
0.75000	0.135491	2.793174	0.184232
4.13E-06	0.217884	5.503873	
1.00000	0.135491	3.655069	0.184232
4.13E-06	0.444729	4.571091	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.139183	-4.254364	-0.184143
-0.001337	-0.465839	-5.867530	
0.25000	-0.139183	-3.381787	-0.184143
-0.001337	-0.236305	-4.352289	
0.50000	-0.139183	-2.558030	-0.184143
-0.001337	-0.014399	-4.355817	
0.75000	-0.139183	-1.677302	-0.184143
-0.001337	-0.222452	-4.378330	
1.00000	-0.139183	-1.006834	-0.184143
-0.001337	-0.449866	-5.882053	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.186566	0.213431	0.250691
4.95E-07	0.627587	4.219348	
0.25000	0.186566	0.234743	0.250691
4.95E-07	0.318031	4.725444	
0.50000	0.186566	0.262994	0.250691
4.95E-07	0.019920	5.469449	
0.75000	0.186566	0.289516	0.250691
4.95E-07	0.230673	6.492352	
1.00000	0.186566	0.317220	0.250691
4.95E-07	0.472814	7.695501	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.129994	-1.322014	-0.195930
-0.001513	-0.495687	-5.273641	
0.25000	-0.129994	-1.293967	-0.195930
-0.001513	-0.253714	-5.255702	
0.50000	-0.129994	-1.267489	-0.195930
-0.001513	-0.018075	-5.186624	

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.129994	-1.239180	-0.195930
-0.001513	-0.302231	-5.118930	
1.00000	-0.129994	-1.217629	-0.195930
-0.001513	-0.611864	-5.099709	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.196359	6.385459	0.283638
0.000497	0.704853	12.386979	
0.25000	0.196359	18.941720	0.283638
0.000497	0.364600	43.562312	
0.50000	0.196359	35.586561	0.283638
0.000497	0.048809	59.108650	
0.75000	0.196359	51.212473	0.283638
0.000497	0.250457	47.598040	
1.00000	0.196359	67.534596	0.283638
0.000497	0.491976	16.471783	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.149586	-68.831586	-0.205200
-0.001255	-0.529150	-50.115198	
0.25000	-0.149586	-52.307235	-0.205200
-0.001255	-0.275722	-21.321171	
0.50000	-0.149586	-36.707340	-0.205200
-0.001255	-0.042777	-21.287088	
0.75000	-0.149586	-20.028553	-0.205200
-0.001255	-0.356565	-21.597144	
1.00000	-0.149586	-7.331575	-0.205200
-0.001255	-0.706900	-49.938774	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074094	0.101592	0.099947
4.72E-06	0.250362	1.816396	
0.25000	0.074094	0.125272	0.099947
4.72E-06	0.126953	2.017276	
0.50000	0.074094	0.156663	0.099947
4.72E-06	0.008926	2.332853	
0.75000	0.074094	0.186131	0.099947
4.72E-06	0.079605	2.745120	
1.00000	0.074094	0.216913	0.099947
4.72E-06	0.162983	3.206025	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.043395	-0.636983	-0.067501

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-0.000596   -0.170795   -2.236845
 0.25000    -0.043395   -0.605820   -0.067501
-0.000596   -0.087363   -2.139461
 0.50000    -0.043395   -0.576400   -0.067501
-0.000596   -0.006793   -2.096317
 0.75000    -0.043395   -0.544945   -0.067501
-0.000596   -0.120479   -2.053861
 1.00000    -0.043395   -0.521000   -0.067501
-0.000596   -0.243891   -2.064413

COMB DB-G2-2 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.143047    8.497352    0.200973
9.66E-05    0.496085   13.763631
 0.25000    0.143047   25.688951    0.200973
 9.66E-05    0.261634   56.023247
 0.50000    0.143047   48.478493    0.200973
 9.66E-05    0.052152   76.737799
 0.75000    0.143047   69.872952    0.200973
 9.66E-05    0.122169   60.190172
 1.00000    0.143047   92.220640    0.200973
 9.66E-05    0.225484   16.601694

COMB DB-G2-2 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.059403   -93.243811   -0.096922
-0.000761   -0.262974   -64.473770
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5021

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST         P          V2          V3
       T         M2         M3
 0.25000   -0.059403   -70.619130   -0.096922
-0.000761   -0.143374   -25.109988
 0.50000   -0.059403   -49.260292   -0.096922
-0.000761   -0.044306   -25.123056
 0.75000   -0.059403   -26.424273   -0.096922
-0.000761   -0.262299   -25.606246
 1.00000   -0.059403   -9.040009    -0.096922
-0.000761   -0.510503   -64.468354

COMB DB-G2-3 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.180391    7.695120    0.261733
8.73E-05    0.649198   13.018884
 0.25000    0.180391   23.231495    0.261733
 8.73E-05    0.338360   51.445086
 0.50000    0.180391   43.826837    0.261733
 8.73E-05    0.051640   70.403899
 0.75000    0.180391   63.161416    0.261733
 8.73E-05    0.212194   55.702080
 1.00000    0.180391   83.357447    0.261733
 8.73E-05    0.411832   16.574503

COMB DB-G2-3 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.108772   -84.511261   -0.173659
-0.001280   -0.327119   -29.611793
 0.25000   -0.108772   -64.064907   -0.173659
-0.001280   -0.240707   -24.204752
 0.50000   -0.108772   -44.762519   -0.173659
-0.001280   -0.045827   -24.223414
 0.75000   -0.108772   -24.125174   -0.173659
-0.001280   -0.333297   -24.667772
 1.00000   -0.108772   -8.414684    -0.173659
-0.001280   -0.656576   -59.796046

COMB DB-G2-4 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.185043    5.242515    0.283334
 0.000788   0.704992   11.644669
 0.25000    0.185043   15.436706    0.283334
 0.000788   0.363234   37.066224
 0.50000    0.185043   28.950340    0.283334
 0.000788   0.045974   49.886289
 0.75000    0.185043   41.636724    0.283334
 0.000788   0.247268   40.551918
 1.00000    0.185043   54.888349    0.283334
 0.000788   0.486979   15.989155

COMB DB-G2-4 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.145149   -56.285964   -0.201888
-0.001071   -0.516563   -42.178730
 0.25000   -0.145149   -42.870090   -0.201888
-0.001071   -0.267220   -18.735436
 0.50000   -0.145149   -30.204828   -0.201888
-0.001071   -0.038548   -18.641857
 0.75000   -0.145149   -16.663635   -0.201888
-0.001071   -0.353590   -18.827747
 1.00000   -0.145149   -6.355198    -0.201888
-0.001071   -0.703530   -41.771529

COMB DB-G3-1 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.058084    0.093378    0.102311
 0.001181   0.255876    2.852486
 0.25000    0.058084    0.117057    0.102311
 0.001181   0.129607    3.181237
 0.50000    0.058084    0.148448    0.102311
 0.001181   0.011869    3.641418
 0.75000    0.058084    0.177917    0.102311
 0.001181   0.127313    4.251851
 1.00000    0.058084    0.208699    0.102311
 0.001181   0.253256    4.936802
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5022

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.090570   -0.876259   -0.101929
-7.94E-06   -0.250559   -3.109712
 0.25000   -0.090570   -0.845106   -0.101929
-7.94E-06   -0.124595   -2.923086
 0.50000   -0.090570   -0.815686   -0.101929
-7.94E-06   -0.008031   -2.790702
 0.75000   -0.090570   -0.784231   -0.101929
-7.94E-06   -0.123672   -2.658965
 1.00000   -0.090570   -0.760286   -0.101929
-7.94E-06   -0.250013   -2.580110

COMB DB-G3-2 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.115052   10.340063    0.195180
 0.001485   0.479853   16.513159
 0.25000    0.115052   31.273084    0.195180
 0.001485   0.255559   68.047117
 0.50000    0.115052   59.022334    0.195180
 0.001485   0.061380   93.274820
 0.75000    0.115052   85.072887    0.195180
 0.001485   0.178686   73.057376
 1.00000    0.115052   112.284122   0.195180
 0.001485   0.327624   19.879382

COMB DB-G3-2 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.125770  -113.497876   -0.136929
-8.78E-05   -0.360498   -78.205730
 0.25000    -0.125770   -85.949367   -0.136929
-8.78E-05   -0.191296   -30.215087
 0.50000    -0.125770   -59.942186   -0.136929
-8.78E-05   -0.051620   -30.170913
 0.75000    -0.125770   -32.136344   -0.136929
-8.78E-05   -0.259828   -30.699217
 1.00000    -0.125770   -10.968728   -0.136929
-8.78E-05   -0.500905   -77.958936

COMB DB-G3-3 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.168313    7.191508    0.258356
 0.001276   0.640416   14.458984
 0.25000    0.168313   21.555729    0.258356
 0.001276   0.332885   50.046095
 0.50000    0.168313   40.597239    0.258356
 0.001276   0.055230   67.763449
 0.75000    0.168313   58.473105    0.258356
 0.001276   0.209787   54.533166
 1.00000    0.168313   77.145429    0.258356
 0.001276   0.401183   18.826695

COMB DB-G3-3 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.124129   -78.644561   -0.166057
-0.000499   -0.427471   -56.726415
 0.25000   -0.124129   -59.740799   -0.166057
-0.000499   -0.222391   -23.470439
 0.50000   -0.124129   -41.894695   -0.166057
-0.000499   -0.044337   -23.571287
 0.75000   -0.124129   -22.814351   -0.166057
-0.000499   -0.326704   -23.836939
 1.00000   -0.124129   -8.289152    -0.166057
-0.000499   -0.647770   -56.169545

COMB DB-G3-4 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.182638    5.981379    0.284805
 0.001063   0.708072   12.719915
 0.25000    0.182638   17.862763    0.284805
 0.001063   0.365874   42.287953
 0.50000    0.182638   33.612973    0.284805
 0.001063   0.050196   57.139344
 0.75000    0.182638   48.399020    0.284805
 0.001063   0.254032   46.453600
 1.00000    0.182638   63.218558    0.284805
 0.001063   0.496650   17.231803
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5023

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.149816   -65.329058   -0.205554
-0.000916   -0.525790   -48.308240
 0.25000   -0.149816   -49.692786   -0.205554
-0.000916   -0.271956   -20.983005
 0.50000   -0.149816   -34.931358   -0.205554
-0.000916   -0.041632   -20.871904
 0.75000   -0.149816   -19.149026   -0.205554
-0.000916   -0.357294   -21.086089
 1.00000   -0.149816   -7.134488    -0.205554
-0.000916   -0.709036   -47.824561

COMB DL-G1-1 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.164809    0.051089    0.219385
3.29E-07    0.548981    1.284659
 0.25000    0.164809    0.059044    0.219385
3.29E-07    0.277809    1.607228
 0.50000    0.164809    0.078226    0.219385
3.29E-07    0.007588    2.001822
 0.75000    0.164809    0.099154    0.219385
3.29E-07    0.196106    2.389351
 1.00000    0.164809    0.117524    0.219385
3.29E-07    0.403459    2.776064

COMB DL-G1-1 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.115638   -0.459996   -0.167427
-0.000818   -0.424137   -2.594409
 0.25000   -0.115638   -0.441722   -0.167427
-0.000818   -0.216863   -2.498643
 0.50000   -0.115638   -0.420813   -0.167427
-0.000818   -0.010108   -2.510652
 0.75000   -0.115638   -0.401573   -0.167427
-0.000818   -0.263824   -2.535466
 1.00000   -0.115638   -0.393229   -0.167427
-0.000818   -0.534970   -2.587939

COMB DL-G1-2 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.248569    0.331203    0.390421
2.30E-06    0.978819    2.898518
 0.25000    0.248569    0.561919    0.390421
2.30E-06    0.496759    4.102129
 0.50000    0.248569    1.118196    0.390421
2.30E-06    0.016315    5.200525
 0.75000    0.248569    1.725109    0.390421
2.30E-06    0.313691    6.534175
 1.00000    0.248569    2.257841    0.390421
2.30E-06    0.645703    5.783581

COMB DL-G1-2 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.178874   -3.004447   -0.268497
-0.001398   -0.681752   -6.285151
 0.25000   -0.178874   -2.474518   -0.268497
-0.001398   -0.349209   -5.211424
 0.50000   -0.178874   -1.868159   -0.268497
-0.001398   -0.017989   -5.149471
 0.75000   -0.178874   -1.310200   -0.268497
-0.001398   -0.468877   -5.152760
 1.00000   -0.178874   -1.067948   -0.268497
-0.001398   -0.950946   -5.949122

COMB DL-G1-3 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.306797    0.239346    0.482536
7.53E-06    1.212218    4.864409
 0.25000    0.306797    0.246506    0.482536
7.53E-06    0.616578    5.446652
 0.50000    0.306797    0.263770    0.482536
7.53E-06    0.024424    6.363174
 0.75000    0.306797    0.282605    0.482536
7.53E-06    0.337964    7.638161
 1.00000    0.306797    0.299138    0.482536
7.53E-06    0.701569    9.010484
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5024

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.168365   -1.532411   -0.293597
-0.001490   -0.748778   -7.923849
 0.25000   -0.168365   -1.515965   -0.293597
-0.001490   -0.385240   -7.281829
 0.50000   -0.168365   -1.497147   -0.293597
-0.001490   -0.024311   -6.950847
 0.75000   -0.168365   -1.479831   -0.293597
-0.001490   -0.576547   -6.810605
 1.00000   -0.168365   -1.472313   -0.293597
-0.001490   -1.171938   -6.739562

COMB DL-G1-4 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.323765    5.654673    0.510253
 0.000465   1.276355   10.257564
 0.25000    0.323765   11.221705    0.510253
 0.000465   0.655094   28.063821
 0.50000    0.323765   24.644265    0.510253
 0.000465   0.047589   39.182228
 0.75000    0.323765   39.288679    0.510253
 0.000465   0.356032   31.028807
 1.00000    0.323765   52.143118    0.510253
 0.000465   0.717045   15.383129

COMB DL-G1-4 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.192567   -53.768897   -0.300018
-0.001237   -0.772590   -39.490428
 0.25000   -0.192567   -40.982063   -0.300018
-0.001237   -0.401432   -19.087471
 0.50000   -0.192567   -26.351032   -0.300018
-0.001237   -0.040079   -18.768733
 0.75000   -0.192567   -12.887873   -0.300018
-0.001237   -0.623714   -18.715246
 1.00000   -0.192567   -7.042494    -0.300018
-0.001237   -1.251786   -37.800561

COMB DL-G2-1 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.090254    0.107520    0.185224
2.66E-06    0.465889    1.895584
 0.25000    0.090254    0.115476    0.185224
2.66E-06    0.237127    2.174882
 0.50000    0.090254    0.134558    0.185224
2.66E-06    0.010300    2.547915
 0.75000    0.090254    0.155586    0.185224
2.66E-06    0.112496    3.020448
 1.00000    0.090254    0.173956    0.185224
2.66E-06    0.234118    3.541943

COMB DL-G2-1 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.051827   -0.687177   -0.098230
-0.000552   -0.250869   -3.198399
 0.25000   -0.051827   -0.668903   -0.098230
-0.000552   -0.129161   -2.871283
 0.50000   -0.051827   -0.647994   -0.098230
-0.000552   -0.008773   -2.710510
 0.75000   -0.051827   -0.628754   -0.098230
-0.000552   -0.220758   -2.641216
 1.00000   -0.051827   -0.620401   -0.098230
-0.000552   -0.449485   -2.611667

COMB DL-G2-2 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.187080    8.259377    0.319806
7.51E-05    0.760866   12.855112
 0.25000    0.187080   16.732245    0.319806
 7.51E-05    0.419782   37.522831
 0.50000    0.187080   37.161007    0.319806
 7.51E-05    0.050474   53.688258
 0.75000    0.187080   59.449397    0.319806
 7.51E-05    0.317782   39.985776
 1.00000    0.187080   79.013485    0.319806
 7.51E-05    0.346143   14.770152
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5025

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.066240   -80.326799   -0.148498
-0.000658   -0.397690   -52.606428
 0.25000   -0.066240   -60.865595   -0.148498
-0.000658   -0.213920   -22.127362
 0.50000   -0.066240   -38.597573   -0.148498
-0.000658   -0.037904   -21.984705
 0.75000   -0.066240   -18.107020   -0.148498
-0.000658   -0.397687   -22.081603
 1.00000   -0.066240   -9.210516    -0.148498
-0.000658   -0.789535   -51.235016

COMB DL-G2-3 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.277770    7.490346    0.464087
6.80E-05    1.162301   10.864119
 0.25000    0.277770   15.158889    0.464087
 6.80E-05    0.601795   35.248836
 0.50000    0.277770   33.648357    0.464087
 6.80E-05    0.052019   50.192374
 0.75000    0.277770   53.820920    0.464087
 6.80E-05    0.306953   38.125177
 1.00000    0.277770   71.527806    0.464087
 6.80E-05    0.613627   15.639708

COMB DL-G2-3 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.133249   -73.010791   -0.259096
-0.001215   -0.675824   -49.882695
 0.25000   -0.133249   -55.397031   -0.259096
-0.001215   -0.355321   -22.238305
 0.50000   -0.133249   -35.242903   -0.259096
-0.001215   -0.041952   -22.112525
 0.75000   -0.133249   -16.697510   -0.259096
-0.001215   -0.569413   -22.220048
 1.00000   -0.133249   -8.645547    -0.259096
-0.001215   -1.139839   -48.625488

COMB DL-G2-4 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.289102    4.736753    0.506192
 0.000757   1.265447    9.877442
 0.25000    0.289102    9.361030    0.506192
 0.000757   0.647556   24.765501
 0.50000    0.289102   20.510531    0.506192
 0.000757   0.045489   34.198674
 0.75000    0.289102   32.674969    0.506192
 0.000757   0.342583   27.745099
 1.00000    0.289102   43.352557    0.506192
 0.000757   0.689681   15.122323

COMB DL-G2-4 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.183970   -45.081505   -0.287494
-0.001017   -0.736713   -35.070331
 0.25000   -0.183970   -34.460074   -0.287494
-0.001017   -0.381199   -17.865740
 0.50000   -0.183970   -22.306752   -0.287494
-0.001017   -0.037814   -17.728782
 0.75000   -0.183970   -11.123528   -0.287494
-0.001017   -0.618475   -17.248659
 1.00000   -0.183970   -6.268041    -0.287494
-0.001017   -1.242241   -33.026999

COMB DL-G3-1 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.084160    0.106147    0.199165
 0.001217   0.493119    2.741879
 0.25000    0.084160    0.114103    0.199165
 0.001217   0.246497    3.062600
 0.50000    0.084160    0.133284    0.199165
 0.001217   0.012339    3.525975
 0.75000    0.084160    0.154213    0.199165
 0.001217   0.157314    4.170881
 1.00000    0.084160    0.172583    0.199165
 0.001217   0.313249    4.923842
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5026

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.128812   -0.982299   -0.126347
-6.80E-06   -0.311683   -4.700995
 0.25000   -0.128812   -0.964025   -0.126347
-6.80E-06   -0.155761   -4.113877
 0.50000   -0.128812   -0.943116   -0.126347
-6.80E-06   -0.010530   -3.678934
 0.75000   -0.128812   -0.923876   -0.126347
-6.80E-06   -0.246038   -3.421008
 1.00000   -0.128812   -0.915523   -0.126347
-6.80E-06   -0.492627   -3.276983

COMB DL-G3-2 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.175939   11.674839    0.322657
 0.001450   0.796215   14.066436
 0.25000    0.175939   23.703925    0.322657
 0.001450   0.416258   51.789177
 0.50000    0.175939   52.707012    0.322657
 0.001450   0.063504   74.491407
 0.75000    0.175939   84.350247    0.322657
 0.001450   0.232446   54.381133
 1.00000    0.175939   112.125755   0.322657
 0.001450   0.430011   18.583622

COMB DL-G3-2 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.169014  -113.738984   -0.178168
-6.69E-05   -0.466865   -72.994407
 0.25000   -0.169014   -86.109556   -0.178168
-6.69E-05   -0.247220   -29.845866
 0.50000   -0.169014   -54.495239   -0.178168
-6.69E-05   -0.046906   -29.602342
 0.75000   -0.169014   -25.480415   -0.178168
-6.69E-05   -0.418622   -29.627950
 1.00000   -0.169014   -12.773896   -0.178168
-6.69E-05   -0.813683   -70.975022

COMB DL-G3-3 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.226675    8.499204    0.434591
 0.001262   1.081755   12.935689
 0.25000    0.226675   17.170170    0.434591
 0.001262   0.558511   40.410750
 0.50000    0.226675   38.975562    0.434591
 0.001262   0.059232   57.236302
 0.75000    0.226675   60.886061    0.434591
 0.001262   0.281477   43.616163
 1.00000    0.226675   80.907573    0.434591
 0.001262   0.547045   18.314009

COMB DL-G3-3 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.160037   -82.812431   -0.227769
-0.000399   -0.589534   -56.969955
 0.25000   -0.160037   -62.896218   -0.227769
-0.000399   -0.308314   -25.353129
 0.50000   -0.160037   -40.107564   -0.227769
-0.000399   -0.045052   -24.845408
 0.75000   -0.160037   -19.137936   -0.227769
-0.000399   -0.543700   -24.720914
 1.00000   -0.160037   -10.033429   -0.227769
-0.000399   -1.077831   -54.410554

COMB DL-G3-4 ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.269764    7.087026    0.509854
 0.001051   1.272057   17.189804
 0.25000    0.269764   14.282997    0.509854
 0.001051   0.653400   34.765675
 0.50000    0.269764   31.633058    0.509854
 0.001051   0.055231   48.990581
 0.75000    0.269764   50.562493    0.509854
 0.001051   0.347001   38.021768
 1.00000    0.269764   67.178804    0.509854
 0.001051   0.687728   17.363541
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                    5027

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.195386   -69.053393   -0.286212
-0.000851   -0.735858   -49.400928
 0.25000   -0.195386   -52.525075   -0.286212
-0.000851   -0.382106   -23.059666
 0.50000   -0.195386   -33.612939   -0.286212
-0.000851   -0.043786   -22.604443
 0.75000   -0.195386   -16.210398   -0.286212
-0.000851   -0.629780   -22.494726
 1.00000   -0.195386   -8.654635    -0.286212
-0.000851   -1.257406   -47.128148

COMB      DB ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.196359   10.340063    0.284805
 0.001485   0.708072   16.513159
 0.25000    0.196359   31.273084    0.284805
 0.001485   0.365874   68.047117
 0.50000    0.196359   59.022334    0.284805
 0.001485   0.061380   93.274820
 0.75000    0.196359   85.072887    0.284805
 0.001485   0.254032   73.057376
 1.00000    0.196359   112.284122   0.284805
 0.001485   0.496650   19.879382

COMB      DB ------------------ MIN

REL DIST         P          V2          V3
       T         M2         M3
 0.00000   -0.149816  -113.497876   -0.205554
-0.001513   -0.529150   -78.205730
 0.25000   -0.149816   -85.949367   -0.205554
-0.001513   -0.275722   -30.215087
 0.50000   -0.149816   -59.942186   -0.205554
-0.001513   -0.051620   -30.170913
 0.75000   -0.149816   -32.136344   -0.205554
-0.001513   -0.357294   -30.699217
 1.00000   -0.149816   -10.968728   -0.205554
-0.001513   -0.709036   -77.958936

COMB      DL ------------------ MAX

REL DIST         P          V2          V3
       T         M2         M3
 0.00000    0.323765   11.674839    0.510253
 0.001450   1.276355   14.066436
 0.25000    0.323765   23.703925    0.510253
 0.001450   0.655094   51.789177
```

0.50000	0.323765	52.707012	0.510253
0.001450	0.063504	74.491407	
0.75000	0.323765	84.350247	0.510253
0.001450	0.356032	54.708133	
1.00000	0.323765	112.125755	0.510253
0.001450	0.717045	18.583622	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195386	-113.738984	-0.300018
-0.001490	-0.772590	-72.994407	
0.25000	-0.195386	-86.109556	-0.300018
-0.001490	-0.401432	-29.845866	
0.50000	-0.195386	-54.495239	-0.300018
-0.001490	-0.046906	-29.602342	
0.75000	-0.195386	-25.404425	-0.300018
-0.001490	-0.629780	-29.627950	
1.00000	-0.195386	-12.773896	-0.300018
-0.001490	-1.257406	-70.975022	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.323765	11.674839	0.510253
0.001485	1.276355	16.513159	
0.25000	0.323765	31.273084	0.510253
0.001485	0.655094	68.047117	
0.50000	0.323765	59.022334	0.510253
0.001485	0.063504	93.274820	
0.75000	0.323765	85.072887	0.510253
0.001485	0.356032	73.057376	
1.00000	0.323765	112.284122	0.510253
0.001485	0.717045	19.879382	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5028

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195386	-113.738984	-0.300018
-0.001513	-0.772590	-78.205730	
0.25000	-0.195386	-86.109556	-0.300018
-0.001513	-0.401432	-30.215087	
0.50000	-0.195386	-59.942186	-0.300018
-0.001513	-0.051620	-30.170913	
0.75000	-0.195386	-32.136344	-0.300018
-0.001513	-0.629780	-30.699217	
1.00000	-0.195386	-12.773896	-0.300018
-0.001513	-1.257406	-77.958936	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.323765	11.674839	0.510253
0.001485	1.276355	16.513159	
0.25000	0.323765	31.273084	0.510253
0.001485	0.655094	68.047117	
0.50000	0.323765	59.022334	0.510253
0.001485	0.063504	93.274820	
0.75000	0.323765	85.072887	0.510253
0.001485	0.356032	73.057376	
1.00000	0.323765	112.284122	0.510253
0.001485	0.717045	19.879382	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195386	-113.738984	-0.300018
-0.001513	-0.772590	-78.205730	
0.25000	-0.195386	-86.109556	-0.300018
-0.001513	-0.401432	-30.215087	
0.50000	-0.195386	-59.942186	-0.300018
-0.001513	-0.051620	-30.170913	
0.75000	-0.195386	-32.136344	-0.300018
-0.001513	-0.629780	-30.699217	
1.00000	-0.195386	-12.773896	-0.300018
-0.001513	-1.257406	-77.958936	

ELEM 492 ========== LENGTH = 4.942827

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079596	0.031878	0.094726
5.32E-07	0.236373	1.890866	
0.25000	0.079596	0.055664	0.094726
5.32E-07	0.119337	2.244147	
0.50000	0.079596	0.087057	0.094726
5.32E-07	0.009813	2.583971	
0.75000	0.079596	0.116478	0.094726
5.32E-07	0.116676	2.893107	
1.00000	0.079596	0.147292	0.094726
5.32E-07	0.238304	3.177094	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080000	-0.433814	-0.098454
-0.000685	-0.248457	-1.968736	
0.25000	-0.080000	-0.402932	-0.098454
-0.000685	-0.126791	-1.928865	
0.50000	-0.080000	-0.373520	-0.098454
-0.000685	-0.006876	-1.942458	
0.75000	-0.080000	-0.342120	-0.098454
-0.000685	-0.114822	-1.957321	
1.00000	-0.080000	-0.318237	-0.098454
-0.000685	-0.231880	-2.025504	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143078	0.406594	0.166882
3.98E-06	0.420609	4.543560	
0.25000	0.143078	1.072586	0.166882
3.98E-06	0.214851	6.651522	
0.50000	0.143078	1.951597	0.166882
3.98E-06	0.021006	7.929488	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5029

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.143078	2.775386	0.166882
3.98E-06	0.190612	7.937430	
1.00000	0.143078	3.638169	0.166882
3.98E-06	0.388404	7.020336	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.128173	-4.266117	-0.160475
-0.001185	-0.405473	-5.847070	
0.25000	-0.128173	-3.401403	-0.160475
-0.001185	-0.207217	-4.340192	
0.50000	-0.128173	-2.577865	-0.160475
-0.001185	-0.013193	-4.330307	
0.75000	-0.128173	-1.698677	-0.160475
-0.001185	-0.199140	-4.349443	
1.00000	-0.128173	-1.029952	-0.160475
-0.001185	-0.405254	-5.859215	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199759	0.220132	0.223285
0.000160	0.566037	7.642080	
0.25000	0.199759	0.241539	0.223285
0.000160	0.290435	8.225833	
0.50000	0.199759	0.269793	0.223285
0.000160	0.031671	9.056682	
0.75000	0.199759	0.296272	0.223285
0.000160	0.200809	10.125627	
1.00000	0.199759	0.324004	0.223285
0.000160	0.410610	11.371547	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.120049	-1.350856	-0.169826
-0.001336	-0.428905	-5.061013	
0.25000	-0.120049	-1.323062	-0.169826
-0.001336	-0.219063	-4.989754	
0.50000	-0.120049	-1.296591	-0.169826
-0.001336	-0.016266	-4.966613	
0.75000	-0.120049	-1.268331	-0.169826
-0.001336	-0.262396	-4.944596	
1.00000	-0.120049	-1.246836	-0.169826
-0.001336	-0.538107	-4.970659	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206300	6.388532	0.252637
0.000602	0.643386	16.399279	
0.25000	0.206300	19.000771	0.252637
0.000602	0.337702	43.366598	
0.50000	0.206300	35.647033	0.252637
0.000602	0.062606	63.413794	
0.75000	0.206300	51.247545	0.252637
0.000602	0.226212	51.861194	
1.00000	0.206300	67.586494	0.252637
0.000602	0.443947	20.767145	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.141884	-68.875128	-0.183126
-0.001166	-0.472379	-49.926055	
0.25000	-0.141884	-52.499601	-0.183126
-0.001166	-0.246088	-21.194761	
0.50000	-0.141884	-36.903851	-0.183126
-0.001166	-0.040042	-20.812777	
0.75000	-0.141884	-20.254230	-0.183126
-0.001166	-0.309558	-20.976333	
1.00000	-0.141884	-7.592655	-0.183126
-0.001166	-0.621477	-49.365950	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079360	0.108100	0.085285
4.57E-06	0.219241	3.187033	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5030

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.079360	0.131885	0.085285
4.57E-06	0.114084	3.441337	
0.50000	0.079360	0.163279	0.085285
4.57E-06	0.013447	3.799562	
0.75000	0.079360	0.192700	0.085285
4.57E-06	0.070065	4.225715	
1.00000	0.079360	0.223513	0.085285
4.57E-06	0.143136	4.707588	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038003	-0.647550	-0.059140
-0.000521	-0.149347	-2.051801	
0.25000	-0.038003	-0.616667	-0.059140
-0.000521	-0.076265	-1.980437	
0.50000	-0.038003	-0.587255	-0.059140
-0.000521	-0.006093	-1.962563	
0.75000	-0.038003	-0.555856	-0.059140
-0.000521	-0.097436	-1.945761	
1.00000	-0.038003	-0.531973	-0.059140
-0.000521	-0.202672	-1.982190	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.153181	8.502734	0.175191
0.000265	0.450774	16.538997	
0.25000	0.153181	25.770977	0.175191
0.000265	0.243036	61.206971	
0.50000	0.153181	48.562464	0.175191
0.000265	0.035712	79.834018	
0.75000	0.153181	69.922147	0.175191
0.000265	0.107979	63.198873	
1.00000	0.153181	92.292871	0.175191
0.000265	0.199208	19.629465	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054741	-93.291849	-0.083232
-0.000668	-0.227406	-64.477399	
0.25000	-0.054741	-70.871043	-0.083232
-0.000668	-0.124531	-25.162622	
0.50000	-0.054741	-49.517880	-0.083232
-0.000668	-0.042118	-24.662741	
0.75000	-0.054741	-26.721793	-0.083232
-0.000668	-0.220846	-24.909568	
1.00000	-0.054741	-9.382712	-0.083232
-0.000668	-0.437093	-63.802376	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197479	7.687155	0.229173
0.000240	0.583730	16.506010	
0.25000	0.197479	23.292795	0.229173
0.000240	0.310218	57.137598	
0.50000	0.197479	43.889895	0.229173
0.000240	0.063726	74.230720	
0.75000	0.197479	63.193046	0.229173
0.000240	0.186255	59.465692	
1.00000	0.197479	83.409895	0.229173
0.000240	0.361201	20.356243	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101009	-84.557876	-0.150095
-0.001130	-0.394417	-59.787202	
0.25000	-0.101009	-64.295767	-0.150095
-0.001130	-0.208958	-24.264701	
0.50000	-0.101009	-44.998508	-0.150095
-0.001130	-0.043303	-23.819961	
0.75000	-0.101009	-24.397251	-0.150095
-0.001130	-0.285851	-24.050080	
1.00000	-0.101009	-8.727594	-0.150095
-0.001130	-0.568840	-59.205513	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5031

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197625	5.261420	0.246934
0.000863	0.630520	15.917649	
0.25000	0.197625	15.501060	0.246934
0.000863	0.332286	42.789878	
0.50000	0.197625	29.015847	0.246934
0.000863	0.060103	54.403483	
0.75000	0.197625	41.681610	0.246934
0.000863	0.228803	45.342616	
1.00000	0.197625	54.946895	0.246934
0.000863	0.450442	20.503510	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.143162	-56.328271	-0.184950
-0.000946	-0.472741	-41.762789	
0.25000	-0.143162	-43.033289	-0.184950
-0.000946	-0.244211	-18.403397	
0.50000	-0.143162	-30.371392	-0.184950
-0.000946	-0.035753	-18.060276	
0.75000	-0.143162	-16.853878	-0.184950
-0.000946	-0.302432	-18.159972	
1.00000	-0.143162	-6.572233	-0.184950
-0.000946	-0.603296	-41.175948	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055896	0.124939	0.101578
0.001069	0.248237	4.922295	
0.25000	0.055896	0.148724	0.101578
0.001069	0.122755	5.248163	
0.50000	0.055896	0.180117	0.101578
0.001069	0.018006	5.717270	
0.75000	0.055896	0.209538	0.101578
0.001069	0.131254	6.338023	
1.00000	0.055896	0.240352	0.101578
0.001069	0.260972	7.028318	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.104116	-0.880406	-0.104987
-6.45E-06	-0.257983	-2.586265	
0.25000	-0.104116	-0.849524	-0.104987
-6.45E-06	-0.128233	-2.462878	
0.50000	-0.104116	-0.820112	-0.104987
-6.45E-06	-0.006850	-2.392956	
0.75000	-0.104116	-0.788712	-0.104987
-6.45E-06	-0.128400	-2.324062	
1.00000	-0.104116	-0.764923	-0.104987
-6.45E-06	-0.253878	-2.308400	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114711	10.357923	0.181360
0.001384	0.452523	19.824586	
0.25000	0.114711	31.384168	0.181360
0.001384	0.241179	74.238276	
0.50000	0.114711	59.135786	0.181360
0.001384	0.072216	96.864755	
0.75000	0.114711	85.143995	0.181360
0.001384	0.180042	76.521337	
1.00000	0.114711	112.383280	0.181360
0.001384	0.333283	23.339348	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.138333	-113.537161	-0.135507
-7.16E-05	-0.354989	-77.994648	
0.25000	-0.138333	-86.236896	-0.135507
-7.16E-05	-0.187521	-30.083198	
0.50000	-0.138333	-60.236626	-0.135507
-7.16E-05	-0.048823	-29.433964	
0.75000	-0.138333	-32.479408	-0.135507
-7.16E-05	-0.246082	-29.693945	
1.00000	-0.138333	-11.366807	-0.135507
-7.16E-05	-0.470081	-77.010417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5032

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.173457	7.231344	0.233078
0.001318	0.586277	18.757505	
0.25000	0.173457	21.659603	0.233078
0.001318	0.308575	56.328134	
0.50000	0.173457	40.702739	0.233078
0.001318	0.069017	72.300757	
0.75000	0.173457	58.549548	0.233078
0.001318	0.204466	59.014839	
1.00000	0.173457	77.241120	0.233078
0.001318	0.392593	23.329252	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.134024	-78.692700	-0.160099
-0.000435	-0.411407	-56.186064	
0.25000	-0.134024	-59.959283	-0.160099
-0.000435	-0.213545	-23.265034	
0.50000	-0.134024	-42.117921	-0.160099
-0.000435	-0.041343	-22.775294	
0.75000	-0.134024	-23.070943	-0.160099
-0.000435	-0.298248	-22.909455	
1.00000	-0.134024	-8.583495	-0.160099
-0.000435	-0.584048	-55.333789	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.194713	6.008916	0.253279
0.001098	0.639633	17.163483	
0.25000	0.194713	17.943270	0.253279
0.001098	0.335694	48.405414	
0.50000	0.194713	33.694824	0.253279
0.001098	0.064251	61.842123	
0.75000	0.194713	48.456837	0.253279
0.001098	0.239814	51.114547	
1.00000	0.194713	63.917596	0.253279
0.001098	0.469112	21.913370	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154571	-65.374045	-0.192059
-0.000807	-0.490747	-47.825184	
0.25000	-0.154571	-49.878674	-0.192059
-0.000807	-0.253382	-20.594459	
0.50000	-0.154571	-35.121167	-0.192059
-0.000807	-0.038655	-20.189319	
0.75000	-0.154571	-19.366434	-0.192059
-0.000807	-0.317060	-20.300241	
1.00000	-0.154571	-7.383123	-0.192059
-0.000807	-0.629819	-47.120123	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.184565	0.031836	0.195169
3.02E-07	0.493682	2.731149	
0.25000	0.184565	0.039874	0.195169
3.02E-07	0.252503	3.151052	
0.50000	0.184565	0.059063	0.195169
3.02E-07	0.013610	3.564883	
0.75000	0.184565	0.079966	0.195169
3.02E-07	0.164188	3.958020	
1.00000	0.184565	0.098304	0.195169
3.02E-07	0.338341	4.342312	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103232	-0.453495	-0.140568
-0.000700	-0.356746	-2.550243	
0.25000	-0.103232	-0.435161	-0.140568
-0.000700	-0.182510	-2.540694	
0.50000	-0.103232	-0.414258	-0.140568
-0.000700	-0.009109	-2.559013	
0.75000	-0.103232	-0.395051	-0.140568
-0.000700	-0.229589	-2.577402	
1.00000	-0.103232	-0.386967	-0.140568
-0.000700	-0.470673	-2.623424	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5033

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.275408	0.315901	0.341410
2.09E-06	0.866671	5.698846	
0.25000	0.275408	0.548977	0.341410
2.09E-06	0.445599	7.112388	
0.50000	0.275408	1.105482	0.341410
2.09E-06	0.027464	8.255874	
0.75000	0.275408	1.711668	0.341410
2.09E-06	0.262338	8.664979	
1.00000	0.275408	2.243470	0.341410
2.09E-06	0.541025	8.795785	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161990	-2.969086	-0.225250
-0.001166	-0.572725	-5.888587	
0.25000	-0.161990	-2.437386	-0.225250
-0.001166	-0.293696	-5.088560	
0.50000	-0.161990	-1.831221	-0.225250
-0.001166	-0.016312	-5.096524	
0.75000	-0.161990	-1.274198	-0.225250
-0.001166	-0.399448	-5.106349	
1.00000	-0.161990	-1.039758	-0.225250
-0.001166	-0.820619	-5.918127	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.335240	0.230434	0.414270
0.000173	1.058211	8.889182	
0.25000	0.335240	0.237667	0.414270
0.000173	0.546868	9.828729	
0.50000	0.335240	0.254938	0.414270
0.000173	0.041295	10.889956	
0.75000	0.335240	0.273751	0.414270
0.000173	0.272677	12.166529	
1.00000	0.335240	0.290255	0.414270
0.000173	0.567813	13.489936	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.151051	-1.440451	-0.238173
-0.001266	-0.608914	-6.673582	
0.25000	-0.151051	-1.423950	-0.238173
-0.001266	-0.313901	-6.617039	
0.50000	-0.151051	-1.405138	-0.238173
-0.001266	-0.021610	-6.586145	
0.75000	-0.151051	-1.387851	-0.238173
-0.001266	-0.478211	-6.555244	
1.00000	-0.151051	-1.380575	-0.238173
-0.001266	-0.989736	-6.549108	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.340286	5.780547	0.447047
0.000556	1.138804	15.268365	
0.25000	0.340286	11.404514	0.447047
0.000556	0.594779	33.503982	
0.50000	0.340286	24.832596	0.447047
0.000556	0.067197	44.575842	
0.75000	0.340286	39.459143	0.447047
0.000556	0.302817	36.199324	
1.00000	0.340286	52.291462	0.447047
0.000556	0.605836	20.435905	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.181604	-53.662691	-0.253012
-0.001109	-0.652593	-37.767491	
0.25000	-0.181604	-40.833143	-0.253012
-0.001109	-0.339463	-18.155971	
0.50000	-0.181604	-26.206798	-0.253012
-0.001109	-0.036234	-18.140320	
0.75000	-0.181604	-12.766224	-0.253012
-0.001109	-0.529480	-17.969675	
1.00000	-0.181604	-7.109339	-0.253012
-0.001109	-1.079511	-37.249742	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5034

< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094828	0.108270	0.156066
3.44E-06	0.400180	3.494502	
0.25000	0.094828	0.116307	0.156066
2.44E-06	0.207483	3.924582	
0.50000	0.094828	0.135497	0.156066
2.44E-06	0.016613	4.360122	
0.75000	0.094828	0.156400	0.156066
2.44E-06	0.091158	4.816308	
1.00000	0.094828	0.174738	0.156066
2.44E-06	0.190347	5.309358	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047143	-0.637143	-0.080156
-0.000463	-0.205013	-2.588763	
0.25000	-0.047143	-0.618736	-0.080156
-0.000463	-0.105815	-2.538960	
0.50000	-0.047143	-0.597834	-0.080156
-0.000463	-0.007827	-2.516970	
0.75000	-0.047143	-0.578627	-0.080156
-0.000463	-0.178819	-2.495071	
1.00000	-0.047143	-0.570542	-0.080156
-0.000463	-0.371299	-2.500805	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.193477	8.464707	0.271626
0.000246	0.697854	14.685976	
0.25000	0.193477	17.024228	0.271626
0.000246	0.374663	41.681936	
0.50000	0.193477	37.461395	0.271626
0.000246	0.064674	57.165449	
0.75000	0.193477	59.723049	0.271626
0.000246	0.142502	43.568563	
1.00000	0.193477	79.253024	0.271626
0.000246	0.271576	18.216599	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060010	-80.254582	-0.116725

```
-0.000570    -0.316603    -51.230364
 0.25000     -0.060010    -60.728368     -0.116725
-0.000570    -0.172219    -21.423633
 0.50000     -0.060010    -38.467478     -0.116725
-0.000570    -0.034840    -21.288551
 0.75000     -0.060010    -18.011300     -0.116725
-0.000570    -0.325824    -21.221807
 1.00000     -0.060010    -9.401679      -0.116725
-0.000570    -0.657729    -50.606568

COMB DL-G2-3 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.299429     7.662164       0.398584
 0.000222    1.018009     15.527253
 0.25000     0.299429     15.409132      0.398584
 0.000222    0.537620     40.290464
 0.50000     0.299429     33.906208      0.398584
 0.000222    0.069417     55.063254
 0.75000     0.299429     54.054573      0.398584
 0.000222    0.251634     42.662493
 1.00000     0.299429     71.730575      0.398584
 0.000222    0.498816     20.054227

COMB DL-G2-3 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.120982    -72.937785     -0.210891
-0.001044   -0.553608    -48.591865
 0.25000    -0.120982    -55.265186     -0.210891
-0.001044   -0.292704    -21.662530
 0.50000    -0.120982    -35.117513     -0.210891
-0.001044   -0.038415    -21.518837
 0.75000    -0.120982    -16.603232     -0.210891
-0.001044   -0.474430    -21.471692
 1.00000    -0.120982    -8.810918      -0.210891
-0.001044   -0.656369    -48.080229
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5035

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.295771     4.847226       0.444509
 0.000807    1.131630     15.018968
 0.25000     0.295771     9.518795       0.444509
 0.000807    0.589918     30.369188
 0.50000     0.295771     20.672883      0.444509
 0.000807    0.065551     39.826531
 0.75000     0.295771     32.822729      0.444509
 0.000807    0.299384     33.191536
 1.00000     0.295771     43.481694      0.444509
 0.000807    0.599140     20.444354

COMB DL-G2-4 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.183702    -44.947491     -0.249000
-0.000874   -0.637818    -33.005693
 0.25000    -0.183702    -34.290578     -0.249000
-0.000874   -0.329814    -16.677747
 0.50000    -0.183702    -22.161149     -0.249000
-0.000874   -0.033954    -16.543785
 0.75000    -0.183702    -10.976686     -0.249000
-0.000874   -0.527054    -16.447374
 1.00000    -0.183702    -6.277773      -0.249000
-0.000874   -1.072796    -32.424425

COMB DL-G3-1 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.071151     0.120494       0.193859
 0.001033    0.483457     4.924711
 0.25000     0.071151     0.128531       0.193859
 0.001033    0.243405     5.467677
 0.50000     0.071151     0.147721       0.193859
 0.001033    0.021454     6.057435
 0.75000     0.071151     0.168623       0.193859
 0.001033    0.162984     6.721417
 1.00000     0.071151     0.186961       0.193859
 0.001033    0.323575     7.415668

COMB DL-G3-1 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.157424    -0.882987      -0.130015
-6.01E-06   -0.191913    -3.208460
 0.25000    -0.157424    -0.864653      -0.130015
-6.01E-06   -0.158497    -3.180939
 0.50000    -0.157424    -0.843751      -0.130015
-6.01E-06   -0.008964    -3.091291
 0.75000    -0.157424    -0.824543      -0.130015
-6.01E-06   -0.235286    -3.001504
 1.00000    -0.157424    -0.816459      -0.130015
-6.01E-06   -0.475399    -2.939509

COMB DL-G3-2 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.159146     11.969780      0.305824
 0.001287    0.767449     18.561485
 0.25000     0.159146     24.121887      0.305824
 0.001287    0.406033     56.658790
 0.50000     0.159146     53.136908      0.305824
 0.001287    0.079071     79.040010
 0.75000     0.159146     84.742186      0.305824
 0.001287    0.233733     58.766547
 1.00000     0.159146     112.469248     0.305824
 0.001287    0.428338     22.451865

COMB DL-G3-2 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.196724    -113.639025    -0.175379
-5.91E-05   -0.456210    -71.030646
 0.25000    -0.196724    -85.917300     -0.175379
-5.91E-05   -0.239794    -28.674773
 0.50000    -0.196724    -54.313108     -0.175379
-5.91E-05   -0.042956    -28.445068
 0.75000    -0.196724    -25.271098     -0.175379
-5.91E-05   -0.389001    -28.310517
 1.00000    -0.196724    -13.047860     -0.175379
-5.91E-05   -0.762975    -69.951763
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5036

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.215975     8.720661       0.393033
 0.001250    0.995996     18.250084
 0.25000     0.215975     17.480305      0.393033
 0.001250    0.522217     46.213334
 0.50000     0.215975     38.395299      0.393033
 0.001250    0.078701     62.921558
 0.75000     0.215975     61.177437      0.393033
 0.001250    0.262070     48.955014
 1.00000     0.215975     81.164028      0.393033
 0.001250    0.503664     23.468840

COMB DL-G3-3 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.182469    -82.664041     -0.208303
-0.000353   -0.537750    -54.438107
 0.25000    -0.182469    -62.681298     -0.208303
-0.000353   -0.280446    -23.855332
 0.50000    -0.182469    -39.899943     -0.208303
-0.000353   -0.040769    -23.637888
 0.75000    -0.182469    -18.965494     -0.208303
-0.000353   -0.478717    -23.490077
 1.00000    -0.182469    -10.154576     -0.208303
-0.000353   -0.961241    -53.483274

COMB DL-G3-4 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.270957     7.263476       0.454560
 0.001041    1.153317     17.278107
 0.25000     0.270957     14.533040      0.454560
 0.001041    0.601867     40.747635
 0.50000     0.270957     31.890240      0.454560
 0.001041    0.075567     54.896156
 0.75000     0.270957     50.796968      0.454560
 0.001041    0.312948     43.630560
 1.00000     0.270957     67.383693      0.454560
 0.001041    0.615129     22.812854

COMB DL-G3-4 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.209513    -68.914497     -0.254926
-0.000732   -0.654775    -47.125953
 0.25000    -0.209513    -52.330965     -0.254926
-0.000732   -0.339533    -21.746783
 0.50000    -0.209513    -33.424886     -0.254926
-0.000732   -0.039586    -21.567521
 0.75000    -0.209513    -16.051541     -0.254926
-0.000732   -0.547159    -21.442991
 1.00000    -0.209513    -8.739425      -0.254926
-0.000732   -1.106181    -46.298852

COMB     DB ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.206300     10.357823      0.253279
 0.001384    0.643386     19.824586
 0.25000     0.206300     31.384168      0.253279
 0.001384    0.337702     74.238276
 0.50000     0.206300     59.135786      0.253279
 0.001384    0.072216     96.864755
 0.75000     0.206300     85.143995      0.253279
 0.001384    0.239814     76.521337
 1.00000     0.206300     112.383280     0.253279
 0.001384    0.469112     23.339348

COMB     DB ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.154571    -113.537161    -0.192059
-0.001336   -0.490747    -77.994648
 0.25000    -0.154571    -86.236896     -0.192059
-0.001336   -0.253382    -30.083198
 0.50000    -0.154571    -60.236626     -0.192059
-0.001336   -0.048823    -29.433964
 0.75000    -0.154571    -32.479408     -0.192059
-0.001336   -0.317060    -29.693945
 1.00000    -0.154571    -11.366807     -0.192059
-0.001336   -0.623981    -77.010417
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5037

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     DL ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.340286     11.969780      0.454560
 0.001287    1.153317     18.561485
 0.25000     0.340286     24.121887      0.454560
 0.001287    0.601867     56.658790
 0.50000     0.340286     53.136908      0.454560
 0.001287    0.079071     79.040010
 0.75000     0.340286     84.742186      0.454560
 0.001287    0.312948     58.769547
 1.00000     0.340286     112.469248     0.454560
 0.001287    0.615129     23.468840

COMB     DL ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.209513    -113.639025    -0.254926
-0.001266   -0.654775    -71.030646
 0.25000    -0.209513    -85.917300     -0.254926
-0.001266   -0.339533    -28.674773
 0.50000    -0.209513    -54.313108     -0.254926
-0.001266   -0.042956    -28.445068
 0.75000    -0.209513    -25.271098     -0.254926
-0.001266   -0.547159    -28.310517
 1.00000    -0.209513    -13.047860     -0.254926
-0.001266   -1.106181    -69.951763

COMB     CAR ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.340286     11.969780      0.454560
 0.001384    1.153317     19.824586
 0.25000     0.340286     31.384168      0.454560
 0.001384    0.601867     74.238276
 0.50000     0.340286     59.135786      0.454560
 0.001384    0.079071     96.864755
 0.75000     0.340286     85.143995      0.454560
 0.001384    0.312948     76.521337
 1.00000     0.340286     112.469248     0.454560
 0.001384    0.615129     23.468840

COMB     CAR ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.209513    -113.639025    -0.254926
-0.001336   -0.654775    -77.994648
 0.25000    -0.209513    -86.236896     -0.254926
-0.001336   -0.339533    -30.083198
 0.50000    -0.209513    -60.236626     -0.254926
-0.001336   -0.048823    -29.433964
 0.75000    -0.209513    -32.479408     -0.254926
-0.001336   -0.312948    -76.521337
 1.00000    -0.209513    -13.047860     -0.254926
-0.001336   -0.615129    -23.468840

COMB  DESIGN ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.340286     11.969780      0.454560
 0.001384    1.153317     19.824586
 0.25000     0.340286     31.384168      0.454560
 0.001384    0.601867     74.238276
 0.50000     0.340286     59.135786      0.454560
 0.001384    0.079071     96.864755
 0.75000     0.340286     85.143995      0.454560
 0.001384    0.312948     76.521337
 1.00000     0.340286     112.469248     0.454560
 0.001384    0.615129     23.468840

COMB  DESIGN ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.209513    -113.639025    -0.254926
-0.001336   -0.654775    -77.994648
 0.25000    -0.209513    -86.236896     -0.254926
-0.001336   -0.339533    -30.083198
 0.50000    -0.209513    -60.236626     -0.254926
-0.001336   -0.048823    -29.433964
 0.75000    -0.209513    -32.479408     -0.254926
-0.001336   -0.547159    -29.693945
 1.00000    -0.209513    -13.047860     -0.254926
-0.001336   -1.106181    -77.010417
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5038

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      493 ================== LENGTH
=     4.943147

COMB DB-G1-1 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.106192     0.029081       0.089322
 3.09E-06    0.222908     3.173987
 0.25000     0.106192     0.052887       0.089322
 3.09E-06    0.112532     3.414452
 0.50000     0.106192     0.084280       0.089322
 3.09E-06    0.014033     3.633804
 0.75000     0.106192     0.113697       0.089322
 3.09E-06    0.103092     3.817631
 1.00000     0.106192     0.144529       0.089322
 3.09E-06    0.210319     3.977168

COMB DB-G1-1 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.072414    -0.348717      -0.086794
-0.000506   -0.218743    -2.008704
 0.25000    -0.072414    -0.317857      -0.086794
-0.000506   -0.111510    -1.900395
 0.50000    -0.072414    -0.288444      -0.086794
-0.000506   -0.006083    -1.845159
 0.75000    -0.072414    -0.257050      -0.086794
-0.000506   -0.108424    -1.791111
 1.00000    -0.072414    -0.233199      -0.086794
-0.000506   -0.218747    -1.790344

COMB DB-G1-2 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.174750     0.442158       0.147502
 2.82E-05    0.370457     7.007048
 0.25000     0.174750     1.108728       0.147502
 2.82E-05    0.189264     8.914127
 0.50000     0.174750     1.987271       0.147502
 2.82E-05    0.028712     9.933040
 0.75000     0.174750     2.811401       0.147502
 2.82E-05    0.169470     9.698337
 1.00000     0.174750     3.674714       0.147502
 2.82E-05    0.344715     8.538244

COMB DB-G1-2 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.115886    -4.098154      -0.142076
-0.000910   -0.358639    -5.834048
 0.25000    -0.115886    -3.234093      -0.142076
-0.000910   -0.183018    -4.221768
 0.50000    -0.115886    -2.410528      -0.142076
-0.000910   -0.011855    -4.095556
 0.75000    -0.115886    -1.531491      -0.142076
-0.000910   -0.178268    -4.002587
 1.00000    -0.115886    -0.863646      -0.142076
-0.000910   -0.359886    -5.401475

COMB DB-G1-3 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.231524     0.363303       0.184358
 0.000260    0.472168     11.329632
 0.25000     0.231524     0.384729       0.184358
 0.000260    0.245374     11.566270
 0.50000     0.231524     0.412982       0.184358
 0.000260    0.042479     12.002946
 0.75000     0.231524     0.439458       0.184358
 0.000260    0.177382     12.695392
 1.00000     0.231524     0.467207       0.184358
 0.000260    0.362030     13.573474

COMB DB-G1-3 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.109271    -1.102253      -0.149422
-0.001066   -0.376791    -4.944607
 0.25000    -0.109271    -1.074480      -0.149422
-0.001066   -0.192177    -4.734680
 0.50000    -0.109271    -1.048008      -0.149422
-0.001066   -0.014491    -4.572520
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5039

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2             V3
       T          M2           M3
 0.75000    -0.109271    -1.019753      -0.149422
-0.001066   -0.212427    -4.411428
 1.00000    -0.109271    -0.987210      -0.149422
-0.001066   -0.439860    -4.298289

COMB DB-G1-4 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.231304     6.594347       0.210748
 0.000556    0.541289     20.702783
 0.25000     0.231304     19.218132      0.210748
 0.000556    0.285339     53.433696
 0.50000     0.231304     35.864048      0.210748
 0.000556    0.074787     66.841154
 0.75000     0.231304     51.462485      0.210748
 0.000556    0.173477     54.834702
 1.00000     0.231304     67.811490      0.210748
 0.000556    0.414263     23.272531

COMB DB-G1-4 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.133427    -68.573556     -0.168652
-0.000992   -0.434596    -49.367733
 0.25000    -0.133427    -52.210410     -0.168652
-0.000992   -0.226253    -20.647001
 0.50000    -0.133427    -36.614138     -0.168652
-0.000992   -0.037218    -20.068703
 0.75000    -0.133427    -19.967381     -0.168652
-0.000992   -0.260444    -20.119927
 1.00000    -0.133427    -7.320072      -0.168652
-0.000992   -0.520539    -48.423200

COMB DB-G2-1 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.082536     0.172326       0.062785
 9.64E-05    0.163573     4.690891
 0.25000     0.082536     0.196132       0.062785
 9.64E-05    0.086906     4.793974
 0.50000     0.082536     0.227525       0.062785
 9.64E-05    0.017479     4.988716
 0.75000     0.082536     0.256942       0.062785
 9.64E-05    0.062791     5.271089
 1.00000     0.082536     0.287775       0.062785
 9.64E-05    0.127936     5.610932

COMB DB-G2-1 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.034126    -0.548035      -0.052704
-0.000438   -0.132671    -1.973936
 0.25000    -0.034126    -0.517176      -0.052704
-0.000438   -0.067540    -1.854656
 0.50000    -0.034126    -0.487763      -0.052704
-0.000438   -0.005526    -1.788450
 0.75000    -0.034126    -0.456369      -0.052704
-0.000438   -0.069948    -1.723432
 1.00000    -0.034126    -0.432517      -0.052704
-0.000438   -0.147294    -1.711694

COMB DB-G2-2 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.159313     8.693405       0.130268
 0.000282    0.348809     19.566114
 0.25000     0.159313     25.976633      0.130268
 0.000282    0.193947     64.192787
 0.50000     0.159313     48.767647      0.130268
 0.000282    0.069928     82.226431
 0.75000     0.159313     70.124490      0.130268
 0.000282    0.103540     65.264285
 1.00000     0.159313     92.508982      0.130268
 0.000282    0.188454     21.364142

COMB DB-G2-2 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.050710    -93.072944     -0.075968
-0.000572   -0.207640    -63.820944
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5040

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P            V2             V3
       T          M2           M3
 0.25000    -0.050710    -70.669389     -0.075968
-0.000572   -0.113844    -24.628215
 0.50000    -0.050710    -49.315213     -0.075968
-0.000572   -0.039758    -23.967133
 0.75000    -0.050710    -26.523047     -0.075968
-0.000572   -0.162020    -24.167972
 1.00000    -0.050710    -9.206788      -0.075968
-0.000572   -0.322563    -63.050542

COMB DB-G2-3 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.219017     7.857866       0.185525
 0.000255    0.484390     20.277114
 0.25000     0.219017     23.477048      0.185525
 0.000255    0.260518     60.791551
 0.50000     0.219017     44.073720      0.185525
 0.000255    0.074642     77.248788
 0.75000     0.219017     63.374305      0.185525
 0.000255    0.172047     62.083483
 1.00000     0.219017     83.603610      0.185525
 0.000255    0.330431     22.572397

COMB DB-G2-3 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.092553    -84.290365     -0.134717
-0.000933   -0.354169    -59.209750
 0.25000    -0.092553    -64.043575     -0.134717
-0.000933   -0.187768    -23.745892
 0.50000    -0.092553    -44.745671     -0.134717
-0.000933   -0.040651    -23.103816
 0.75000    -0.092553    -24.147857     -0.134717
-0.000933   -0.228629    -23.240674
 1.00000    -0.092553    -8.498925      -0.134717
-0.000933   -0.457497    -58.334949

COMB DB-G2-4 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.212630     5.508793       0.212732
 0.000788    0.543657     20.438815
 0.25000     0.212630     15.757318      0.212732
 0.000788    0.284469     47.009184
 0.50000     0.212630     29.271825      0.212732
 0.000788    0.072558     57.986137
 0.75000     0.212630     41.935903      0.212732
 0.000788    0.218739     48.438839
 1.00000     0.212630     55.209352      0.212732
 0.000788    0.428617     23.113125

COMB DB-G2-4 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.139482    -56.012162     -0.174121
-0.000897   -0.444355    -41.181388
 0.25000    -0.139482    -42.727231     -0.174121
-0.000897   -0.229219    -17.813437
 0.50000    -0.139482    -30.064912     -0.174121
-0.000897   -0.033130    -17.293798
 0.75000    -0.139482    -16.549722     -0.174121
-0.000897   -0.261815    -17.285257
 1.00000    -0.139482    -6.281610      -0.174121
-0.000897   -0.524311    -40.214023

COMB DB-G3-1 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.051823     0.271130       0.107288
 0.000878    0.262678     7.016743
 0.25000     0.051823     0.294936       0.107288
 0.000878    0.130098     7.127527
 0.50000     0.051823     0.326329       0.107288
 0.000878    0.023092     7.352791
 0.75000     0.051823     0.355746       0.107288
 0.000878    0.135056     7.739836
 1.00000     0.051823     0.386578       0.107288
 0.000878    0.268662     8.211320
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING              LOAD              >
                                   5041

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.112925    -0.738781      -0.108116
-0.000184   -0.265804    -2.319905
 0.25000    -0.112925    -0.707921      -0.108116
-0.000184   -0.132231    -2.160284
 0.50000    -0.112925    -0.676508      -0.108116
-0.000184   -0.005398    -2.011737
 0.75000    -0.112925    -0.647114      -0.108116
-0.000184   -0.135166    -1.948377
 1.00000    -0.112925    -0.623262      -0.108116
-0.000184   -0.267700    -1.896297

COMB DB-G3-2 ------------------- MAX

REL DIST          P            V2             V3
       T          M2           M3
 0.00000     0.111732     10.598264      0.172808
 0.001072    0.440273     23.284597
 0.25000     0.111732     31.642856      0.172808
 0.001072    0.232918     77.652841
 0.50000     0.111732     59.393398      0.172808
 0.001072    0.080934     99.577852
 0.75000     0.111732     85.398648      0.172808
 0.001072    0.189958     78.840312
 1.00000     0.111732     112.654697     0.172808
 0.001072    0.352123     25.257987

COMB DB-G3-2 ------------------- MIN

REL DIST          P            V2             V3
       T          M2           M3
 0.00000    -0.145900    -113.282151    -0.140045
-0.000286   -0.365189    -77.056403
 0.25000    -0.145900    -86.002526     -0.140045
-0.000286   -0.192119    -29.329292
 0.50000    -0.145900    -60.001387     -0.140045
-0.000286   -0.046025    -28.519504
 0.75000    -0.145900    -32.248942     -0.140045
-0.000286   -0.233043    -28.759216
 1.00000    -0.145900    -11.164132     -0.140045
-0.000286   -0.446467    -76.098999

COMB DB-G3-3 ------------------- MAX
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REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.173353       7.536609       0.204584
0.001149     0.526029      23.260830
0.25000      0.173353      21.977389       0.204584
 0.001149     0.277816      60.592917
0.50000      0.173353      41.020129       0.204584
 0.001149     0.080553      75.835551
0.75000      0.173353      58.864565       0.204584
 0.001149     0.206531      62.045674
1.00000      0.173353      77.567641       0.204584
 0.001149     0.395437      25.871911

COMB DB-G3-3 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.140176     -78.372678      -0.158915
-0.000577    -0.401318     -55.363668
0.25000     -0.140176     -59.653424      -0.158915
-0.000577    -0.211029     -22.514907
0.50000     -0.140176     -41.811466      -0.158915
-0.000577    -0.038551     -21.861371
0.75000     -0.140176     -22.767763      -0.158915
-0.000577    -0.255909     -21.926001
1.00000     -0.140176      -8.299385      -0.158915
-0.000577    -0.508270     -54.314656

COMB DB-G3-4 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.203041       6.282316       0.223553
0.000956     0.570490      21.851424
0.25000      0.203041      18.227026       0.223553
 0.000956     0.298481      52.803885
0.50000      0.203041      33.978254       0.223553
 0.000956     0.077217      65.538263
0.75000      0.203041      48.738303       0.223553
 0.000956     0.233881      54.305398
1.00000      0.203041      64.208577       0.223553
 0.000956     0.455579      24.605589
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5042

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.155737     -65.044122      -0.184431
-0.000818    -0.470343     -47.134924
0.25000     -0.155737     -49.560466      -0.184431
 -0.000818    -0.227488     -13.923231
0.50000     -0.155737     -34.802467      -0.184431
 -0.000818    -0.035952     -19.341365
0.75000     -0.155737     -19.050443      -0.184431
 -0.000818    -0.277694     -19.355185
1.00000     -0.155737      -7.082905      -0.184431
 -0.000818    -0.553580     -46.102558

COMB DL-G1-1 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.207333       0.031739       0.158985
3.00E-06     0.408250       4.313075
0.25000      0.207333       0.039788       0.158985
3.00E-06     0.211847       4.561361
0.50000      0.207333       0.058979       0.158985
3.00E-06     0.018555       4.802796
0.75000      0.207333       0.079882       0.158985
3.00E-06     0.137697       5.018678
1.00000      0.207333       0.098319       0.158985
3.00E-06     0.283885       5.229620

COMB DL-G1-1 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.091492      -0.365530      -0.118073
-0.000466    -0.300157      -2.592772
0.25000     -0.091492      -0.347194      -0.118073
-0.000466    -0.154002      -2.493145
0.50000     -0.091492      -0.326291      -0.118073
-0.000466    -0.008038      -2.421165
0.75000     -0.091492      -0.307091      -0.118073
-0.000466    -0.181120      -2.349224
1.00000     -0.091492      -0.299027      -0.118073
-0.000466    -0.377581      -2.305077

COMB DL-G1-2 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.292887       0.362084       0.271677
2.44E-05     0.700223       8.735751
0.25000      0.292887       0.595517       0.271677
2.44E-05     0.365529       9.811118
0.50000      0.292887       1.152070       0.271677
2.44E-05     0.036579      10.602235
0.75000      0.292887       1.758250       0.271677
2.44E-05     0.218808      10.646170
1.00000      0.292887       2.290004       0.271677
2.44E-05     0.451755      10.431277

COMB DL-G1-2 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.147860      -2.802169      -0.188381
-0.000813    -0.480135      -5.869566
0.25000     -0.147860      -2.270432      -0.188381
-0.000813    -0.246484      -4.926247
0.50000     -0.147860      -1.664248      -0.188381
-0.000813    -0.014647      -4.782401
0.75000     -0.147860      -1.107454      -0.188381
-0.000813    -0.307333      -4.644507
1.00000     -0.147860      -0.873582      -0.188381
-0.000813    -0.642679      -5.309017

COMB DL-G1-3 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.353879       0.372690       0.314542
0.000232     0.822188      13.394102
0.25000      0.353879       0.379934       0.314542
0.000232     0.474082      13.807251
0.50000      0.353879       0.397207       0.314542
0.000232     0.054157      14.330006
0.75000      0.353879       0.416019       0.314542
0.000232     0.217457      15.062673
1.00000      0.353879       0.432522       0.314542
0.000232     0.452594      15.866187
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5043

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.140367      -1.193722      -0.190351
-0.000938    -0.488908      -6.498567
0.25000     -0.140367      -1.177219      -0.190351
-0.000938    -0.252959      -6.260744
0.50000     -0.140367      -1.158407      -0.190351
-0.000938    -0.019233      -6.047729
0.75000     -0.140367      -1.141127      -0.190351
-0.000938    -0.345311      -5.835339
1.00000     -0.140367      -1.133869      -0.190351
-0.000938    -0.733455      -5.647280

COMB DL-G1-4 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.353546       5.987357       0.352139
0.000480     0.914386      20.346422
0.25000      0.353546      11.619933       0.352139
 0.000480     0.486874      38.050151
0.50000      0.353546      25.049167       0.352139
 0.000480     0.081431      48.456019
0.75000      0.353546      39.675884       0.352139
 0.000480     0.265175      39.453790
1.00000      0.353546      52.506730       0.352139
 0.000480     0.524219      23.082249

COMB DL-G1-4 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.172873     -53.403087      -0.217288
-0.000874    -0.560755     -37.235686
0.25000     -0.172873     -40.572645      -0.217288
-0.000874    -0.291916     -17.546743
0.50000     -0.172873     -25.948943      -0.217288
-0.000874    -0.032939     -17.146205
0.75000     -0.172873     -12.510783      -0.217288
-0.000874    -0.404748     -16.892540
1.00000     -0.172873      -6.867611      -0.217288
-0.000874    -0.837654     -35.998290

COMB DL-G2-1 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.087805       0.176609       0.115149
0.000100     0.302510       5.270449
0.25000      0.087805       0.184659       0.115149
0.000100     0.160707       5.490713
0.50000      0.087805       0.203850       0.115149
0.000100     0.021395       5.709352
0.75000      0.087805       0.224753       0.115149
0.000100     0.072366       5.947705
1.00000      0.087805       0.243089       0.115149
0.000100     0.151467       6.219068

COMB DL-G2-1 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.045926      -0.537805      -0.064029
-0.000361    -0.164331      -2.483541
0.25000     -0.045926      -0.519470      -0.064029
-0.000361    -0.085186      -2.372388
0.50000     -0.045926      -0.498567      -0.064029
-0.000361    -0.007148      -2.288821
0.75000     -0.045926      -0.479367      -0.064029
-0.000361    -0.124796      -2.205374
1.00000     -0.045926      -0.462224      -0.064029
-0.000361    -0.266858      -2.149704

COMB DL-G2-2 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.191240       8.664652       0.198789
0.000246     0.527886      18.145414
0.25000      0.191240      17.237275       0.198789
 0.000246     0.293659      44.825170
0.50000      0.191240      37.676196       0.198789
 0.000246     0.073845      60.271906
0.75000      0.191240      59.937651       0.198789
 0.000246     0.118807      45.760185
1.00000      0.191240      79.465841       0.198789
 0.000246     0.218808      19.973903
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5044

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.060592      -80.106291      -0.092752
-0.000468    -0.255065      -50.615821
0.25000     -0.060592      -60.578717      -0.092752
-0.000468    -0.1402244     -20.267459
0.50000     -0.060592      -38.317131      -0.092752
-0.000468    -0.032137      -20.461555
0.75000     -0.060592      -17.869345      -0.092752
-0.000468    -0.229236      -20.286271
1.00000     -0.060592      -9.280593       -0.092752
-0.000468    -0.471295      -49.575843

COMB DL-G2-3 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.307531       7.849334       0.304041
0.000223     0.796659      19.964759
0.25000      0.307531      15.608162       0.304041
 0.000223     0.431490      44.298365
0.50000      0.307531      34.106824       0.304041
 0.000223     0.082258      58.461635
0.75000      0.307531      54.255009       0.304041
 0.000223     0.210324      45.503772
1.00000      0.307531      71.929356       0.304041
 0.000223     0.410654      22.350637

COMB DL-G2-3 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.115361      -72.729100      -0.172479
-0.000789    -0.456059      -48.065108
0.25000     -0.115361      -55.055270      -0.172479
-0.000789    -0.242265      -21.070814
0.50000     -0.115361      -34.906967      -0.172479
-0.000789    -0.035280      -20.505205
0.75000     -0.115361      -16.400281      -0.172479
-0.000789    -0.348277      -20.287373
1.00000     -0.115361      -8.626856       -0.172479
-0.000789    -0.720722      -46.653644

COMB DL-G2-4 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.295799       5.090459       0.356855
0.000691     0.924217      20.364108
0.25000      0.295799       9.769180       0.356855
0.000691     0.489591      35.135219
0.50000      0.295799      20.924224       0.356855
 0.000691     0.080769      43.893134
0.75000      0.295799      33.073962       0.356855
 0.000691     0.270892      36.591828
1.00000      0.295799      43.731953       0.356855
 0.000691     0.535335      23.203367

COMB DL-G2-4 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.182768      -44.666620      -0.220574
-0.000784    -0.564104      -32.422112
0.25000     -0.182768      -34.008965      -0.220574
-0.000784    -0.291265      -16.002258
0.50000     -0.182768      -21.859156      -0.220574
-0.000784    -0.030779      -15.487061
0.75000     -0.182768      -10.699272      -0.220574
-0.000784    -0.410901      -15.215041
1.00000     -0.182768      -6.011750       -0.220574
-0.000784    -0.849404      -30.954099

COMB DL-G3-1 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.065703       0.248004       0.180388
0.000787     0.454168       7.425700
0.25000      0.065703       0.256053       0.180388
0.000787     0.230840       7.666257
0.50000      0.065703       0.275245       0.180388
0.000787     0.027507       7.946509
0.75000      0.065703       0.296148       0.180388
0.000787     0.173079       8.307505
1.00000      0.065703       0.314484       0.180388
0.000787     0.340247       8.705418
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5045

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.173251      -7.733103      -0.135819
-0.000176    -0.331916      -2.967210
0.25000     -0.173251      -0.714767      -0.135819
-0.000176    -0.164520      -2.800008
0.50000     -0.173251      -0.693864      -0.135819
-0.000176    -0.007852      -2.660642
0.75000     -0.173251      -0.674664      -0.135819
-0.000176    -0.216397      -2.521053
1.00000     -0.173251      -0.666600      -0.135819
-0.000176    -0.439305      -2.402832

COMB DL-G3-2 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.153131      12.212703       0.274361
 0.000927     0.698131      22.444060
0.25000      0.153131      24.383413       0.274361
 0.000927     0.374493      60.216255
0.50000      0.153131      53.400922       0.274361
 0.000927     0.089400      82.005700
0.75000      0.153131      85.005918       0.274361
 0.000927     0.252720      61.238905
1.00000      0.153131     112.730447       0.274361
 0.000927     0.458914      24.425008

COMB DL-G3-2 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.210616     -113.465241      -0.183540
-0.000250    -0.471386      -70.022649
0.25000     -0.210616      -85.741587      -0.183540
-0.000250    -0.245260      -27.843492
0.50000     -0.210616      -54.136406      -0.183540
-0.000250    -0.039691      -27.303015
0.75000     -0.210616      -25.106309      -0.183540
-0.000250    -0.347063      -27.044685
1.00000     -0.210616      -12.912702      -0.183540
-0.000250    -0.681829      -68.631816

COMB DL-G3-3 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.209616       9.021927       0.325714
0.000992     0.841906      23.422700
0.25000      0.209616      17.794980       0.325714
 0.000992     0.450770      60.862422
0.50000      0.209616      38.711768       0.325714
 0.000992     0.092999      66.851393
0.75000      0.209616      61.493703       0.325714
 0.000992     0.258029      52.231650
1.00000      0.209616      81.478467       0.325714
 0.000992     0.487555      26.108874

COMB DL-G3-3 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.197706      -82.409261      -0.198361
-0.000484    -0.263379      -53.528718
0.25000     -0.197706      -62.425127      -0.198361
-0.000484    -0.264524      -22.978938
0.50000     -0.197706      -39.643059      -0.198361
-0.000484    -0.037377      -22.471922
0.75000     -0.197706      -18.717198      -0.198361
-0.000484    -0.387470      -22.193154
1.00000     -0.197706      -9.927639       -0.198361
-0.000484    -0.786113      -52.069285

COMB DL-G3-4 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.266321       7.535973       0.372579
0.000831     0.962134      22.751051
0.25000      0.266321      14.816666       0.372579
 0.000831     0.511312      45.653389
0.50000      0.266321      32.175354       0.372579
 0.000831     0.091110      59.062149
0.75000      0.266321      51.081914       0.372579
 0.000831     0.293826      47.108515
1.00000      0.266321      67.667124       0.372579
 0.000831     0.569634      25.627061
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5046

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.218885      -68.637380      -0.233469
-0.000706    -0.597855      -46.316009
0.25000     -0.218885      -52.052694      -0.233469
-0.000706    -0.309473      -20.906203
0.50000     -0.218885      -33.146024      -0.233469
-0.000706    -0.036296      -20.414087
0.75000     -0.218885      -15.779805      -0.233469
-0.000706    -0.437094      -20.127477
1.00000     -0.218885       -8.485415      -0.233469
-0.000706    -0.894374      -44.865273

COMB      DB ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.231524      10.598264       0.223553
 0.001149     0.570490      23.284597
0.25000      0.231524      31.642856       0.223553
 0.001149     0.298481      77.652841
0.50000      0.231524      59.393898       0.223553
 0.001149     0.080934      99.577852
0.75000      0.231524      85.398648       0.223553
 0.001149     0.233881      78.840312
1.00000      0.231524     112.730447       0.223553
 0.001149     0.455579      25.871911

COMB      DB ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.155737     -113.282591      -0.184431
-0.001066    -0.470343      -77.056403
0.25000     -0.155737      -86.002526      -0.184431
-0.001066    -0.242488      -29.329292
0.50000     -0.155737      -60.001387      -0.184431
-0.001066    -0.046025      -28.519504
0.75000     -0.155737      -32.248942      -0.184431
-0.001066    -0.277694      -28.759216
1.00000     -0.155737      -11.164132      -0.184431
-0.001066    -0.553580      -76.098999

COMB      DL ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.353879      12.212703       0.372579
 0.000992     0.962134      23.422700
0.25000      0.353879      24.383413       0.372579
 0.000992     0.511312      60.216255
0.50000      0.353879      53.400922       0.372579
 0.000992     0.092999      82.005700
0.75000      0.353879      85.005918       0.372579
 0.000992     0.293826      61.238905
1.00000      0.353879     112.730447       0.372579
 0.000992     0.569634      26.108874

COMB      DL ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.218885     -113.465241      -0.233469
-0.000938    -0.597855      -70.022649
0.25000     -0.218885      -85.741587      -0.233469
-0.000938    -0.309473      -27.843492
0.50000     -0.218885      -54.136406      -0.233469
-0.000938    -0.039691      -27.303015
0.75000     -0.218885      -25.106309      -0.233469
-0.000938    -0.437094      -27.044685
1.00000     -0.218885      -12.912702      -0.233469
-0.000938    -0.894374      -68.631816

COMB      CAR ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.353879      12.212703       0.372579
 0.001149     0.962134      23.422700
0.25000      0.353879      31.642856       0.372579
 0.001149     0.511312      77.652841
0.50000      0.353879      59.393898       0.372579
 0.001149     0.092999      99.577852
0.75000      0.353879      85.398648       0.372579
 0.001149     0.293826      78.840312
1.00000      0.353879     112.730447       0.372579
 0.001149     0.569634      26.108874
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5047

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.218885     -113.465241      -0.233469
-0.001066    -0.597855      -77.056403
0.25000     -0.218885      -86.002526      -0.233469
-0.001066    -0.309473      -29.329292
0.50000     -0.218885      -60.001387      -0.233469
-0.001066    -0.046025      -28.519504
0.75000     -0.218885      -32.248942      -0.233469
-0.001066    -0.437094      -28.759216
1.00000     -0.218885      -12.912702      -0.233469
-0.001066    -0.894374      -76.098999

COMB    DESIGN ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.353879      12.212703       0.372579
 0.001149     0.962134      23.422700
0.25000      0.353879      31.642856       0.372579
 0.001149     0.511312      77.652841
0.50000      0.353879      59.393898       0.372579
 0.001149     0.092999      99.577852
0.75000      0.353879      85.398648       0.372579
 0.001149     0.293826      78.840312
1.00000      0.353879     112.730447       0.372579
 0.001149     0.569634      26.108874

COMB    DESIGN ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.218885     -113.465241      -0.233469
-0.001066    -0.597855      -77.056403
0.25000     -0.218885      -86.002526      -0.233469
-0.001066    -0.309473      -29.329292
0.50000     -0.218885      -60.001387      -0.233469
-0.001066    -0.046025      -28.519504
0.75000     -0.218885      -32.248942      -0.233469
-0.001066    -0.437094      -28.759216
1.00000     -0.218885      -12.912702      -0.233469
-0.001066    -0.894374      -76.098999

ELEM       494 ================== LENGTH
=     4.943689

COMB DB-G1-1 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.126312       0.063197       0.085000
5.55E-06     0.211719       3.970321
0.25000      0.126312       0.087008       0.085000
5.55E-06     0.106664       4.096323
0.50000      0.126312       0.118401       0.085000
5.55E-06     0.016468       4.199610
0.75000      0.126312       0.147816       0.085000
5.55E-06     0.092950       4.262476
1.00000      0.126312       0.178667       0.085000
5.55E-06     0.189132       4.298241

COMB DB-G1-1 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.062575      -0.265191      -0.077815
-0.000268    -0.195658      -1.776039
0.25000     -0.062575      -0.234332      -0.077815
-0.000268    -0.099484      -1.654506
0.50000     -0.062575      -0.204916      -0.077815
-0.000268    -0.005005      -1.533515
0.75000     -0.062575      -0.173523      -0.077815
-0.000268    -0.103461      -1.518774
1.00000     -0.062575      -0.149702      -0.077815
-0.000268    -0.208529      -1.504733

COMB DB-G1-2 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.200799       0.530360       0.138841
0.000141     0.346394       8.524850
0.25000      0.200799       1.197051       0.138841
0.000141     0.174957      10.218317
0.50000      0.200799       2.107556       0.138841
0.000141     0.032927      10.990279
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING              LOAD                >
                                       5048

F R A M E   E L E M E N T   I N T E R N A L   F O R C E S

REL DIST          P              V2             V3
     T            M2             M3
0.75000      0.200799       2.899669       0.138841
0.000141     0.153875      10.535338
1.00000      0.200799       3.763511       0.138841
0.000141     0.311983       9.150496

COMB DB-G1-2 ------------------- MIN

REL DIST          P              V2             V3
     T            M2             M3
0.00000     -0.098628      -3.947720      -0.128141
-0.000551    -0.322541      -5.380662
0.25000     -0.098628      -3.083659      -0.128141
-0.000551    -0.164163      -3.750683
0.50000     -0.098628      -2.260022      -0.128141
-0.000551    -0.010003      -3.605863
0.75000     -0.098628      -1.381017      -0.128141
-0.000551    -0.169409      -3.496080
1.00000     -0.098628      -0.714031      -0.128141
-0.000551    -0.341011      -4.875877

COMB DB-G1-3 ------------------- MAX

REL DIST          P              V2             V3
     T            M2             M3
0.00000      0.256917       0.504219       0.144890
0.000368     0.374960      13.553248
0.25000      0.256917       0.525649       0.144890
0.000368     0.196606      13.491092
0.50000      0.256917       0.553902       0.144890
0.000368     0.048291      13.590051
0.75000      0.256917       0.580376       0.144890
0.000368     0.159449      13.958859
1.00000      0.256917       0.608142       0.144890
0.000368     0.324604      14.489465

COMB DB-G1-3 ------------------- MIN
```

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094739	-0.888792	-0.133665
-0.000754	-0.336289	-4.280474	
0.25000	-0.094739	-0.861018	-0.133665
-0.000754	-0.171087	-4.053109	
0.50000	-0.094739	-0.834544	-0.133665
-0.000754	-0.011979	-3.873481	
0.75000	-0.094739	-0.806291	-0.133665
-0.000754	-0.175209	-3.694979	
1.00000	-0.094739	-0.784852	-0.133665
-0.000754	-0.353631	-3.564356	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.249564	6.765350	0.173948
0.000570	0.451563	23.249572	
0.25000	0.249564	19.390803	0.173948
0.000570	0.240240	55.716328	
0.50000	0.249564	36.036972	0.173948
0.000570	0.081038	68.661924	
0.75000	0.249564	51.634132	0.173948
0.000570	0.206591	56.297465	
1.00000	0.249564	67.993141	0.173948
0.000570	0.401833	24.317979	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123031	-68.334548	-0.161392
-0.000822	-0.414730	-48.417336	
0.25000	-0.123031	-51.971389	-0.161392
-0.000822	-0.215258	-19.725420	
0.50000	-0.123031	-36.373760	-0.161392
-0.000822	-0.034121	-19.158697	
0.75000	-0.123031	-19.727601	-0.161392
-0.000822	-0.224125	-19.255487	
1.00000	-0.123031	-7.096553	-0.161392
-0.000822	-0.438598	-47.561219	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086768	0.231876	0.050478
0.000230	0.125957	5.602886	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.086768	0.255687	0.050478
0.000230	0.063558	5.569288	
0.50000	0.086768	0.287080	0.050478
0.000230	0.019641	5.613878	
0.75000	0.086768	0.318495	0.050478
0.000230	0.057230	5.772978	
1.00000	0.086768	0.347346	0.050478
0.000230	0.116246	5.990933	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029252	-0.465921	-0.047755
-0.000341	-0.119949	-1.707011	
0.25000	-0.029252	-0.435062	-0.047755
-0.000341	-0.060902	-1.582953	
0.50000	-0.029252	-0.405646	-0.047755
-0.000341	-0.004597	-1.511936	
0.75000	-0.029252	-0.374253	-0.047755
-0.000341	-0.061227	-1.442171	
1.00000	-0.029252	-0.350432	-0.047755
-0.000341	-0.123626	-1.425605	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.164420	8.826047	0.082494
0.000403	0.232287	21.347396	
0.25000	0.164420	26.112382	0.082494
0.000403	0.135611	65.843195	
0.50000	0.164420	48.903742	0.082494
0.000403	0.073932	83.483862	
0.75000	0.164420	70.258835	0.082494
0.000403	0.106336	66.275286	
1.00000	0.164420	92.657025	0.082494
0.000403	0.193871	22.088101	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044411	-92.912635	-0.075483
-0.000507	-0.204800	-63.051757	
0.25000	-0.044411	-70.508762	-0.075483
-0.000507	-0.111526	-23.908787	
0.50000	-0.044411	-49.153027	-0.075483
-0.000507	-0.037537	-23.273861	
0.75000	-0.044411	-26.361680	-0.075483
-0.000507	-0.115074	-23.547395	
1.00000	-0.044411	-9.067685	-0.075483
-0.000507	-0.216433	-62.443638	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.236693	8.013564	0.138986
0.000352	0.370123	22.551308	
0.25000	0.236693	23.635554	0.138986
0.000352	0.203299	62.834150	
0.50000	0.236693	44.232539	0.138986
0.000352	0.080046	78.843951	
0.75000	0.236693	63.531542	0.138986
0.000352	0.166921	63.351966	
1.00000	0.236693	83.773213	0.138986
0.000352	0.319294	23.472272	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080645	-84.078466	-0.127517
-0.000676	-0.334162	-58.325709	
0.25000	-0.080645	-63.831660	-0.127517
-0.000676	-0.176575	-22.897112	
0.50000	-0.080645	-44.532076	-0.127517
-0.000676	-0.037840	-22.268965	
0.75000	-0.080645	-23.335103	-0.127517
-0.000676	-0.182447	-22.461812	
1.00000	-0.080645	-8.306191	-0.127517
-0.000676	-0.353863	-57.558734	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.222996	5.695491	0.179418
0.000738	0.462394	23.089932	
0.25000	0.222996	15.945859	0.179418
0.000738	0.243891	49.376563	
0.50000	0.222996	29.460570	0.179418
0.000738	0.078745	59.892513	
0.75000	0.222996	42.123611	0.179418
0.000738	0.214946	49.971725	
1.00000	0.222996	55.405182	0.179418
0.000738	0.420398	24.212548	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.135303	-55.768835	-0.169013
-0.000890	-0.430273	-40.216322	
0.25000	-0.135303	-42.483893	-0.169013
-0.000890	-0.221382	-16.876594	
0.50000	-0.135303	-29.820472	-0.169013
-0.000890	-0.030093	-16.371181	
0.75000	-0.135303	-16.305768	-0.169013
-0.000890	-0.229978	-16.404463	
1.00000	-0.135303	-6.050858	-0.169013
-0.000890	-0.451373	-39.340053	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045275	0.354748	0.112474
0.000661	0.275816	8.205139	
0.25000	0.045275	0.378558	0.112474
0.000661	0.136842	8.172633	
0.50000	0.045275	0.409951	0.112474
0.000661	0.025647	8.228364	
0.75000	0.045275	0.439366	0.112474
0.000661	0.136521	8.446916	
1.00000	0.045275	0.472217	0.112474
0.000661	0.275653	8.747164	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.124049	-0.638020	-0.110964
-0.000453	-0.273069	-1.914344	
0.25000	-0.124049	-0.607161	-0.110964
-0.000453	-0.135963	-1.766678	
0.50000	-0.124049	-0.577745	-0.110964
-0.000453	-0.004858	-1.672053	
0.75000	-0.124049	-0.546562	-0.110964
-0.000453	-0.141452	-1.578680	
1.00000	-0.124049	-0.522531	-0.110964
-0.000453	-0.280277	-1.538506	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104385	10.742412	0.160548
0.000830	0.411579	25.244186	
0.25000	0.104385	31.790786	0.160548
0.000830	0.218846	79.495177	
0.50000	0.104385	59.542249	0.160548
0.000830	0.085091	100.999304	
0.75000	0.104385	85.544870	0.160548
0.000830	0.210430	79.994048	
1.00000	0.104385	112.817598	0.160548
0.000830	0.390601	26.091685	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.155399	-113.112428	-0.151592
-0.000555	-0.390230	-76.125049	
0.25000	-0.155399	-85.832781	-0.151592
-0.000555	-0.203541	-28.477167	
0.50000	-0.155399	-59.829379	-0.151592
-0.000555	-0.043598	-27.717867	
0.75000	-0.155399	-32.077932	-0.151592
-0.000555	-0.217607	-28.064736	
1.00000	-0.155399	-11.020230	-0.151592
-0.000555	-0.414338	-75.439807	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.169342	7.727762	0.169041
0.000977	0.439008	25.852176	
0.25000	0.169342	22.171138	0.169041
0.000977	0.235031	62.950840	
0.50000	0.169342	41.214166	0.169041
0.000977	0.086216	77.722287	
0.75000	0.169342	59.057141	0.169041
0.000977	0.224396	63.533377	
1.00000	0.169342	77.771662	0.169041
0.000977	0.409681	26.980413	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.148271	-78.145541	-0.162620
-0.000776	-0.415574	-54.335726	
0.25000	-0.148271	-59.426272	-0.162620
-0.000776	-0.214589	-21.543057	
0.50000	-0.148271	-41.582761	-0.162620
-0.000776	-0.035647	-20.973491	
0.75000	-0.148271	-22.539744	-0.162620
-0.000776	-0.222927	-21.066578	
1.00000	-0.148271	-8.089968	-0.162620
-0.000776	-0.431489	-53.478574	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.207706	6.478134	0.191437
0.000869	0.492372	24.583856	
0.25000	0.207706	18.424991	0.191437
0.000869	0.259477	55.256425	
0.50000	0.207706	34.176458	0.191437
0.000869	0.083419	67.504504	
0.75000	0.207706	48.935299	0.191437
0.000869	0.233747	55.880731	
1.00000	0.207706	64.415040	0.191437
0.000869	0.455081	25.749891	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.156741	-64.798636	-0.182297
-0.000875	-0.463768	-46.112735	
0.25000	-0.156741	-49.313631	-0.182297
-0.000875	-0.238482	-18.940001	
0.50000	-0.156741	-34.555684	-0.182297
-0.000875	-0.032854	-18.380780	
0.75000	-0.156741	-18.804226	-0.182297
-0.000875	-0.247108	-18.449410	
1.00000	-0.156741	-6.852075	-0.182297
-0.000875	-0.483356	-45.210801	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.213932	0.064137	0.117434
4.49E-06	0.302881	5.198331	
0.25000	0.213932	0.072194	0.117434
4.49E-06	0.159125	5.291504	
0.50000	0.213932	0.091386	0.117434
4.49E-06	0.021714	5.377949	
0.75000	0.213932	0.112291	0.117434
4.49E-06	0.126419	5.438200	
1.00000	0.213932	0.130627	0.117434
4.49E-06	0.251932	5.493438	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079242	-0.262308	-0.102222
-0.000227	-0.255322	-2.277758	
0.25000	-0.079242	-0.243976	-0.102222
-0.000227	-0.130111	-2.161696	
0.50000	-0.079242	-0.223072	-0.102222
-0.000227	-0.006535	-2.073169	
0.75000	-0.079242	-0.203875	-0.102222
-0.000227	-0.134973	-1.984952	
1.00000	-0.079242	-0.195811	-0.102222
-0.000227	-0.279188	-1.924265	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.299494	0.437964	0.198003
0.000120	0.512698	10.376101	
0.25000	0.299494	0.671596	0.198003
0.000120	0.270354	11.175376	
0.50000	0.299494	1.228184	0.198003
0.000120	0.041728	11.676697	
0.75000	0.299494	1.834409	0.198003
0.000120	0.202295	11.434717	
1.00000	0.299494	2.366148	0.198003
0.000120	0.402052	10.906168	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.131335	-2.617802	-0.162646
-0.000458	-0.406175	-5.266981	
0.25000	-0.131335	-2.086172	-0.162646
-0.000458	-0.206964	-4.301520	
0.50000	-0.131335	-1.479958	-0.162646
-0.000458	-0.012140	-4.133068	
0.75000	-0.131335	-0.923255	-0.162646
-0.000458	-0.226809	-3.973969	
1.00000	-0.131335	-0.689400	-0.162646
-0.000458	-0.470022	-4.613042	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.361643	0.501117	0.213061
0.000317	0.559763	15.803100	
0.25000	0.361643	0.508367	0.213061
0.000317	0.299474	15.811886	
0.50000	0.361643	0.525641	0.213061
0.000317	0.060777	15.916604	
0.75000	0.361643	0.544454	0.213061
0.000317	0.212203	16.217833	
1.00000	0.361643	0.560957	0.213061
0.000317	0.415436	16.605956	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.126710	-0.932948	-0.165851
-0.000629	-0.409522	-5.608084	
0.25000	-0.126710	-0.916449	-0.165851
-0.000629	-0.206732	-5.348753	
0.50000	-0.126710	-0.897635	-0.165851
-0.000629	-0.015514	-5.114138	
0.75000	-0.126710	-0.880333	-0.165851
-0.000629	-0.242038	-4.879924	
1.00000	-0.126710	-0.873101	-0.165851
-0.000629	-0.503300	-4.670085	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.357116	6.151689	0.257367
0.000478	0.669919	23.035367	
0.25000	0.357116	11.789062	0.257367
0.000478	0.361562	40.335149	
0.50000	0.357116	25.219159	0.257367
0.000478	0.168845	50.653541	
0.75000	0.357116	39.846945	0.257367
0.000478	0.279400	40.789885	
1.00000	0.357116	52.677441	0.257367
0.000478	0.526600	23.907810	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161198	-53.108528	-0.207631
-0.000672	-0.517979	-35.981903	
0.25000	-0.161198	-40.280664	-0.207631
-0.000672	-0.263765	-16.340873	
0.50000	-0.161198	-25.653149	-0.207631
-0.000672	-0.028484	-15.931482	
0.75000	-0.161198	-12.220296	-0.207631
-0.000672	-0.308813	-15.742572	
1.00000	-0.161198	-6.577535	-0.207631
-0.000672	-0.624178	-34.820040	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.089007	0.226448	0.077811
0.000195	0.203525	6.194632	
0.25000	0.089007	0.234504	0.077811
0.000195	0.108354	6.264433	
0.50000	0.089007	0.253697	0.077811
0.000195	0.024040	6.325160	
0.75000	0.089007	0.274601	0.077811
0.000195	0.070156	6.410651	
1.00000	0.089007	0.292937	0.077811
0.000195	0.137149	6.495015	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044171	-0.437876	-0.054833
-0.000274	-0.135384	-2.137379	
0.25000	-0.044171	-0.419544	-0.054833
-0.000274	-0.068404	-2.020382	
0.50000	-0.044171	-0.398640	-0.054833
-0.000274	-0.007256	-1.930887	
0.75000	-0.044171	-0.379444	-0.054833
-0.000274	-0.087401	-1.842111	
1.00000	-0.044171	-0.371380	-0.054833
-0.000274	-0.182665	-1.780370	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.192410	8.797175	0.128880
0.000334	0.344860	19.943346	
0.25000	0.192410	17.377100	0.128880
0.000334	0.198513	46.385161	
0.50000	0.192410	37.817333	0.128880
0.000334	0.078033	61.495194	
0.75000	0.192410	60.080416	0.128880
0.000334	0.137965	46.679470	
1.00000	0.192410	79.608073	0.128880
0.000334	0.237426	20.507420	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.058595	-79.910032	-0.090881
-0.000409	-0.234570	-49.570994	
0.25000	-0.058595	-60.386381	-0.090881
-0.000409	-0.124097	-19.903754	
0.50000	-0.058595	-38.123711	-0.090881
-0.000409	-0.028784	-19.506535	
0.75000	-0.058595	-17.679282	-0.090881
-0.000409	-0.162766	-19.444927	
1.00000	-0.058595	-9.091157	-0.090881
-0.000409	-0.319782	-48.706644	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.311555	7.999685	0.207606
0.000289	0.547033	22.297872	
0.25000	0.311555	15.765121	0.207606
0.000289	0.303516	46.297990	
0.50000	0.311555	34.264971	0.207606
0.000289	0.088120	60.037867	
0.75000	0.311555	54.414629	0.207606
0.000289	0.218605	46.677646	
1.00000	0.311555	72.088534	0.207606
0.000289	0.402003	23.035292	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105671	-72.470343	-0.158335
-0.000560	-0.402561	-46.629014	
0.25000	-0.105671	-54.800063	-0.158335
-0.000560	-0.209322	-19.707904	
0.50000	-0.105671	-34.650779	-0.158335
-0.000560	-0.031147	-19.278202	
0.75000	-0.105671	-16.147131	-0.158335
-0.000560	-0.251221	-19.152249	
1.00000	-0.105671	-8.374273	-0.158335
-0.000560	-0.505044	-45.566073	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.295948	5.266773	0.269055
0.000605	0.696369	23.169336	
0.25000	0.295948	9.949478	0.269055
0.000605	0.372567	37.519246	
0.50000	0.295948	21.105239	0.269055
0.000605	0.087243	45.785366	
0.75000	0.295948	33.255865	0.269055
0.000605	0.292731	37.994545	
1.00000	0.295948	43.913565	0.269055
0.000605	0.553222	24.087063	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180049	-44.365232	-0.217640
-0.000698	-0.537992	-30.953735	
0.25000	-0.180049	-33.709718	-0.217640
-0.000698	-0.271520	-14.584365	
0.50000	-0.180049	-21.559317	-0.217640
-0.000698	-0.026340	-14.189867	
0.75000	-0.180049	-10.401266	-0.217640
-0.000698	-0.322777	-13.978500	
1.00000	-0.180049	-5.714085	-0.217640
-0.000698	-0.652930	-29.770919	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.058204	0.327298	0.167646
0.000555	0.420098	8.725646	
0.25000	0.058204	0.335355	0.167646
0.000555	0.213321	8.761729	
0.50000	0.058204	0.354547	0.167646
0.000555	0.030083	8.835163	
0.75000	0.058204	0.375452	0.167646
0.000555	0.197684	8.987648	
1.00000	0.058204	0.393787	0.167646
0.000555	0.382647	9.175847	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.180517	-0.600109	-0.150406
-0.000339	-0.362565	-2.438639	
0.25000	-0.180517	-0.581776	-0.150406
-0.000339	-0.177367	-2.288354	
0.50000	-0.180517	-0.560873	-0.150406
-0.000339	-0.006238	-2.166252	
0.75000	-0.180517	-0.541679	-0.150406
-0.000339	-0.202442	-2.033555	
1.00000	-0.180517	-0.533612	-0.150406
-0.000339	-0.411061	-1.937799	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.143552	12.367565	0.242835
0.000672	0.617710	24.445432	
0.25000	0.143552	24.548641	0.242835
0.000672	0.333305	61.984714	
0.50000	0.143552	53.568014	0.242835
0.000672	0.093486	83.407832	
0.75000	0.143552	85.175322	0.242835
0.000672	0.302878	62.322932	
1.00000	0.143552	112.899093	0.242835
0.000672	0.546510	25.071226	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.216380	-113.244624	-0.211453
-0.000435	-0.529974	-68.681049	
0.25000	-0.216380	-85.526538	-0.211453
-0.000435	-0.270418	-26.613405	
0.50000	-0.216380	-53.919818	-0.211453
-0.000435	-0.036113	-26.122168	
0.75000	-0.216380	-24.894488	-0.211453
-0.000435	-0.316194	-26.064678	
1.00000	-0.216380	-12.701770	-0.211453
-0.000435	-0.613824	-67.659746	

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.204048	9.211048	0.260236
0.000800	0.668558	26.109156	
0.25000	0.204048	17.991953	0.260236
0.000800	0.360591	53.175890	
0.50000	0.204048	38.910085	0.260236
0.000800	0.098609	68.696393	
0.75000	0.204048	61.693685	0.260236
0.000800	0.302232	53.633122	
1.00000	0.204048	81.677904	0.260236
0.000800	0.553981	26.989478	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.205301	-82.123055	-0.214956
-0.000622	-0.532851	-52.105861	
0.25000	-0.205301	-62.142935	-0.214956
-0.000622	-0.269235	-21.663439	
0.50000	-0.205301	-39.359757	-0.214956
-0.000622	-0.032821	-21.170306	
0.75000	-0.205301	-18.437332	-0.214956
-0.000622	-0.326272	-21.030427	
1.00000	-0.205301	-9.648415	-0.214956
-0.000622	-0.645263	-50.894794	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.262867	7.724348	0.290478

```
 0.000698     0.748092    25.606212
 0.25000      0.262867    15.011241      0.290478
 0.000698     0.401154    48.093801
 0.50000      0.262867    32.371045      0.290478
 0.000698     0.097351    61.004948
 0.75000      0.262867    51.278987      0.290478
 0.000698     0.324237    48.568698
 1.00000      0.262867    67.863743      0.290478
 0.000698     0.605946    26.532880

COMB DL-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.220561   -68.330600   -0.237590
-0.000696    -0.589911    -44.880495
0.25000     -0.220561   -51.749245   -0.237590
-0.000696    -0.298693    -19.550284
0.50000     -0.220561   -32.841653   -0.237590
-0.000696    -0.031595    -19.078958
0.75000     -0.220561   -15.478286   -0.237590
-0.000696    -0.355752    -18.892509
1.00000     -0.220561    -8.184428   -0.237590
-0.000696    -0.712123    -43.610422

COMB      DB ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.256917    10.742412      0.191437
 0.000977    0.492372    25.852176
0.25000      0.256917    31.790786      0.191437
 0.000977    0.289477    79.495177
0.50000      0.256917    59.542249      0.191437
 0.000977    0.086216   100.999334
0.75000      0.256917    85.544870      0.191437
 0.000977    0.233747    79.994048
1.00000      0.256917   112.817598      0.191437
 0.000977    0.455081    26.980413

COMB      DB ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.156741  -113.112428   -0.182297
-0.000890    -0.463768    -76.125049
0.25000     -0.156741   -85.832781   -0.182297
-0.000890    -0.238482    -28.477167
0.50000     -0.156741   -59.829379   -0.182297
-0.000890    -0.043598    -27.717867
0.75000     -0.156741   -32.077932   -0.182297
-0.000890    -0.247108    -28.064736
1.00000     -0.156741   -11.702130   -0.182297
-0.000890    -0.483356    -75.439807
Program    SAP2000    Nonlinear    Version    7.42
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                      Page
<                  MOVING                LOAD                >
                                          5056

F R A M E   E L E M E N T   I N T E R N A
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COMB      DL ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.361643    12.367565      0.290478
 0.000800    0.748092    26.109156
0.25000      0.361643    24.548641      0.290478
 0.000800    0.401154    61.984714
0.50000      0.361643    53.568014      0.290478
 0.000800    0.098609    83.407832
0.75000      0.361643    85.175322      0.290478
 0.000800    0.324237    62.322932
1.00000      0.361643   112.899093      0.290478
 0.000800    0.605946    26.989478

COMB      DL ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.220561  -113.244624   -0.237590
-0.000698    -0.589911    -68.681049
0.25000     -0.220561    -85.526538   -0.237590
-0.000698    -0.298693    -26.613405
0.50000     -0.220561    -53.919818   -0.237590
-0.000698    -0.036113    -26.122168
0.75000     -0.220561    -24.894488   -0.237590
-0.000698    -0.355752    -26.064678
1.00000     -0.220561    -12.701770   -0.237590
-0.000698    -0.712123    -67.659746

COMB      CAR ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.361643    12.367565      0.290478
 0.000977    0.748092    26.109156
0.25000      0.361643    31.790786      0.290478
 0.000977    0.401154    79.495177
0.50000      0.361643    59.542249      0.290478
 0.000977    0.098609   100.999334
0.75000      0.361643    85.544870      0.290478
 0.000977    0.324237    79.994048
1.00000      0.361643   112.899093      0.290478
 0.000977    0.605946    26.989478

COMB      CAR ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.220561  -113.244624   -0.237590
-0.000890    -0.589911    -76.125049
0.25000     -0.220561    -85.832781   -0.237590
-0.000890    -0.298693    -28.477167
0.50000     -0.220561    -59.829379   -0.237590
-0.000890    -0.043598    -27.717867
0.75000     -0.220561    -32.077932   -0.237590
-0.000890    -0.355752    -28.064736
1.00000     -0.220561    -12.701770   -0.237590
-0.000890    -0.712123    -75.439807

COMB   DESIGN ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.361643    12.367565      0.290478
 0.000977    0.748092    26.109156
0.25000      0.361643    31.790786      0.290478
 0.000977    0.401154    79.495177
0.50000      0.361643    59.542249      0.290478
 0.000977    0.098609   100.999334
0.75000      0.361643    85.544870      0.290478
 0.000977    0.324237    79.994048
1.00000      0.361643   112.899093      0.290478
 0.000977    0.605946    26.989478

COMB   DESIGN ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.220561  -113.244624   -0.237590
-0.000890    -0.589911    -76.125049
0.25000     -0.220561    -85.832781   -0.237590
-0.000890    -0.298693    -28.477167
0.50000     -0.220561    -59.829379   -0.237590
-0.000890    -0.043598    -27.717867
0.75000     -0.220561    -32.077932   -0.237590
-0.000890    -0.355752    -28.064736
1.00000     -0.220561    -12.701770   -0.237590
-0.000890    -0.712123    -75.439807
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5057

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM        495 ================== LENGTH
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COMB DB-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.140291    0.128069    0.081538
 0.000270    0.202769    4.303879
 0.25000     0.140291    0.151904    0.081538
 0.000270    0.102020    4.300466
 0.50000     0.140291    0.183296    0.081538
 0.000270    0.016735    4.268773
 0.75000     0.140291    0.212709    0.081538
 0.000270    0.085694    4.197766
 1.00000     0.140291    0.243541    0.081538
 0.000270    0.173555    4.099207

COMB DB-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.051094   -0.194691   -0.071208
-5.85E-06    -0.178416    -1.494437
0.25000     -0.051094   -0.163860   -0.071208
-5.85E-06    -0.090413    -1.365020
0.50000     -0.051094   -0.134447   -0.071208
-5.85E-06    -0.003941    -1.288875
0.75000     -0.051094   -0.103055   -0.071208
-5.85E-06    -0.099476    -1.214094
1.00000     -0.051094   -0.079237   -0.071208
-5.85E-06    -0.200233    -1.192206

COMB DB-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.223839    0.653959    0.132773
 0.000548    0.330326    9.156484
0.25000      0.223839    1.321352    0.132773
 0.000548    0.166643   10.622139
0.50000      0.223839    2.200318    0.132773
 0.000548    0.033523   11.158985
0.75000      0.223839    3.023889    0.132773
 0.000548    0.144579   10.440132
1.00000      0.223839    3.887168    0.132773
 0.000548    0.288909    8.801886

COMB DB-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.075172   -3.803925   -0.118008
-0.000137    -0.075172    -4.861887
0.25000     -0.075172   -2.940645   -0.118008
-0.000137    -0.150277    -3.218722
0.50000     -0.075172   -2.117068   -0.118008
-0.000137    -0.008141    -3.067192
0.75000     -0.075172   -1.238099   -0.118008
-0.000137    -0.162281    -2.951230
1.00000     -0.075172   -0.571172   -0.118008
-0.000137    -0.326215    -4.316142

COMB DB-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.279861    0.672478    0.137619
 0.000743    0.342652    14.496920
0.25000      0.279861    0.693930    0.137619
 0.000743    0.172625    14.097850
0.50000      0.279861    0.722182    0.137619
 0.000743    0.049213    13.864932
0.75000      0.279861    0.748464    0.137619
 0.000743    0.190125    13.873737
1.00000      0.279861    0.776402    0.137619
 0.000743    0.365843    14.047959

COMB DB-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.075250   -0.690422   -0.142708
-0.000379    -0.340686    -3.555691
0.25000     -0.075250   -0.662674   -0.142708
-0.000379    -0.164888    -3.316705
0.50000     -0.075250   -0.636202   -0.142708
-0.000379    -0.009513    -3.125691
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5058

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.75000     -0.075250   -0.607949   -0.142708
-0.000379    -0.167472    -2.939895
1.00000     -0.075250   -0.586513   -0.142708
-0.000379    -0.337520    -2.793698

COMB DB-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.262695    6.942474    0.166252
 0.000801    0.412734    24.323222
0.25000      0.262695    19.581228    0.166252
 0.000801    0.214771    56.481737
0.50000      0.262695    36.226646    0.166252
 0.000801    0.016253    69.025892
0.75000      0.262695    51.823021    0.166252
 0.000801    0.242119    56.176778
1.00000      0.262695    68.171374    0.166252
 0.000801    0.456503    23.919036

COMB DB-G1-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.114038   -68.103094   -0.176611
-0.000576    -0.436767    -47.562576
0.25000     -0.114038   -51.754728   -0.176611
-0.000576    -0.219192    -18.840822
0.50000     -0.114038   -36.158242   -0.176611
-0.000576    -0.031558    -18.366425
0.75000     -0.114038   -19.512769   -0.176611
-0.000576    -0.212850    -18.563993
1.00000     -0.114038    -6.883207   -0.176611
-0.000576    -0.415140    -46.805540

COMB DB-G2-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.094224    0.298546    0.048068
 0.000331    0.119712    5.992702
0.25000      0.094224    0.322382    0.048068
 0.000331    0.060322    5.834217
0.50000      0.094224    0.353773    0.048068
 0.000331    0.019986    5.743270
0.75000      0.094224    0.383187    0.048068
 0.000331    0.066660    5.731194
1.00000      0.094224    0.414018    0.048068
 0.000331    0.124332    5.804141

COMB DB-G2-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.018488   -0.387228   -0.046891
-0.000233    -0.110419    -1.423432
0.25000     -0.018488   -0.356397   -0.046891
-0.000233    -0.055888    -1.296719
0.50000     -0.018488   -0.326984   -0.046891
-0.000233    -0.003677    -1.222379
0.75000     -0.018488   -0.295592   -0.046891
-0.000233    -0.059460    -1.149305
1.00000     -0.018488   -0.271774   -0.046891
-0.000233    -0.117870    -1.129120

COMB DB-G2-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.168463    8.941503    0.073116
 0.000491    0.183000    22.087402
0.25000      0.168463    26.246049    0.073116
 0.000491    0.102873    66.413798
0.50000      0.168463    49.036382    0.073116
 0.000491    0.074862    83.761744
0.75000      0.168463    70.390400    0.073116
 0.000491    0.161017    66.153679
1.00000      0.168463    92.774000    0.073116
 0.000491    0.282262    21.843550

COMB DB-G2-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.033992   -92.750255   -0.102369
-0.000415    -0.251493    -62.447631
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5059

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2          V3
       T          M2          M3
0.25000     -0.033992   -70.366637   -0.102369
-0.000415    -0.125883    -23.270726
0.50000     -0.033992   -49.012467   -0.102369
-0.000415    -0.035970    -22.769095
0.75000     -0.033992   -26.222059   -0.102369
-0.000415    -0.100802    -23.167408
1.00000     -0.033992    -8.930099   -0.102369
-0.000415    -0.186844    -62.002568

COMB DB-G2-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.252256    8.170034    0.127911
 0.000652    0.319190    23.475728
0.25000      0.252256    23.808480    0.127911
 0.000652    0.170324    63.510674
0.50000      0.252256    44.404537    0.127911
 0.000652    0.081116    79.158443
0.75000      0.252256    63.702569    0.127911
 0.000652    0.210598    63.211489
1.00000      0.252256    83.931055    0.127911
 0.000652    0.386939    23.125102

COMB DB-G2-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.064476   -83.860830   -0.146549
-0.000373    -0.362523    -57.555061
0.25000     -0.064476   -63.632329   -0.146549
-0.000373    -0.182280    -22.089982
0.50000     -0.064476   -44.334159   -0.146549
-0.000373    -0.035598    -21.576553
0.75000     -0.064476   -23.738035   -0.146549
-0.000373    -0.166463    -21.894494
1.00000     -0.064476    -8.110962   -0.146549
-0.000373    -0.320655    -56.912397

COMB DB-G2-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.231738    5.877619    0.174858
 0.000846    0.432974    24.217549
0.25000      0.231738    16.138785    0.174858
 0.000846    0.222978    50.173518
0.50000      0.231738    29.652887    0.174858
 0.000846    0.080066    60.297635
0.75000      0.231738    42.315291    0.174858
 0.000846    0.251755    49.907710
1.00000      0.231738    55.588211    0.174858
 0.000846    0.477530    23.838381

COMB DB-G2-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.137926   -55.527936   -0.185332
-0.000737    -0.455173    -39.349877
0.25000     -0.137926   -42.255006   -0.185332
-0.000737    -0.226829    -15.988133
0.50000     -0.137926   -29.592512   -0.185332
-0.000737    -0.027539    -15.559925
0.75000     -0.137926   -16.078366   -0.185332
-0.000737    -0.222730    -15.677221
1.00000     -0.137926    -5.824662   -0.185332
-0.000737    -0.436266    -38.562895

COMB DB-G3-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.037956    0.430384    0.117726
 0.000422    0.288686    8.751279
0.25000      0.037956    0.454219    0.117726
 0.000422    0.143281    8.562409
0.50000      0.037956    0.485611    0.117726
 0.000422    0.026321    8.454416
0.75000      0.037956    0.515024    0.117726
 0.000422    0.119966    8.479949
1.00000      0.037956    0.545856    0.117726
 0.000422    0.282664    8.623484
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5060

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.151480   -0.540462   -0.113875
-0.000638    -0.280204    -1.560047
0.25000     -0.151480   -0.509631   -0.113875
-0.000638    -0.139504    -1.418280
0.50000     -0.151480   -0.480218   -0.113875
-0.000638    -0.003871    -1.329786
0.75000     -0.151480   -0.448826   -0.113875
-0.000638    -0.147704    -1.242558
1.00000     -0.151480   -0.425008   -0.113875
-0.000638    -0.293169    -1.208218

COMB DB-G3-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.091150    10.857264    0.159310
 0.000553    0.391486    26.093007
0.25000      0.091150    31.927812    0.159310
 0.000553    0.207117    80.184064
0.50000      0.091150    59.678025    0.159310
 0.000553    0.086246   101.373048
0.75000      0.091150    85.679336    0.159310
 0.000553    0.239015    79.943540
1.00000      0.091150   112.934299    0.159310
 0.000553    0.447313    25.945073

COMB DB-G3-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.182549  -112.937262   -0.173240
-0.000807    -0.441390    -75.467588
0.25000     -0.182549   -85.682278   -0.173240
-0.000807    -0.227821    -27.789437
0.50000     -0.182549   -59.680781   -0.173240
-0.000807    -0.042082    -27.203493
0.75000     -0.182549   -31.930478   -0.173240
-0.000807    -0.214566    -27.737700
1.00000     -0.182549   -10.875254   -0.173240
-0.000807    -0.406206    -75.025094

COMB DB-G3-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.162718    7.892508    0.167418
 0.000774    0.413155    26.983076
0.25000      0.162718    22.351099    0.167418
 0.000774    0.214855    63.790697
0.50000      0.162718    41.393270    0.167418
 0.000774    0.087612    78.170360
0.75000      0.162718    59.235346    0.167418
 0.000774    0.266408    63.532793
1.00000      0.162718    77.937677    0.167418
 0.000774    0.496456    26.686773

COMB DB-G3-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.172185   -77.923443   -0.189774
-0.000985    -0.464819    -53.505064
0.25000     -0.172185   -59.221097   -0.189774
-0.000985    -0.231124    -20.691118
0.50000     -0.172185   -41.378894   -0.189774
-0.000985    -0.033460    -20.191801
0.75000     -0.172185   -22.336661   -0.189774
-0.000985    -0.218106    -20.461131
1.00000     -0.172185    -7.888585   -0.189774
-0.000985    -0.421374    -52.812455

COMB DB-G3-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.211573    6.662318    0.187889
 0.000865    0.464651    25.754888
0.25000      0.211573    18.621761    0.187889
 0.000865    0.239593    56.103624
0.50000      0.211573    34.372518    0.187889
 0.000865    0.084847    67.945884
0.75000      0.211573    49.130615    0.187889
 0.000865    0.273298    55.830359
1.00000      0.211573    64.600273    0.187889
 0.000865    0.518119    25.391267
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5061

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.168245   -64.555288   -0.201107
-0.000851    -0.495123    -45.228008
0.25000     -0.168245   -49.085618   -0.201107
-0.000851    -0.247279    -18.033409
0.50000     -0.168245   -34.327415   -0.201107
-0.000851    -0.030349    -17.567913
0.75000     -0.168245   -18.576607   -0.201107
-0.000851    -0.240630    -17.738203
1.00000     -0.168245    -6.682862   -0.201107
-0.000851    -0.469825    -44.445158

COMB DL-G1-1 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.205532    0.136828    0.103789
 0.000224    0.257904    5.478412
0.25000      0.205532    0.144881    0.103789
 0.000224    0.129730    5.402473
0.50000      0.205532    0.164075    0.103789
 0.000224    0.021969    5.318429
0.75000      0.205532    0.184277    0.103789
 0.000224    0.157894    5.211277
1.00000      0.205532    0.203313    0.103789
 0.000224    0.306719    5.094974

COMB DL-G1-1 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.064705   -0.178424   -0.120044
-4.75E-06    -0.287015    -1.902090
0.25000     -0.064705   -0.160089   -0.120044
-4.75E-06    -0.138493    -1.776450
0.50000     -0.064705   -0.139189   -0.120044
-4.75E-06    -0.004859    -1.650434
0.75000     -0.064705   -0.119993   -0.120044
-4.75E-06    -0.126863    -1.580635
1.00000     -0.064705   -0.111938   -0.120044
-4.75E-06    -0.255081    -1.510404

COMB DL-G1-2 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.299333    0.569131    0.169846
 0.000449    0.423586    10.880928
0.25000      0.299333    0.802691    0.169846
 0.000449    0.214720    11.360198
0.50000      0.299333    1.359292    0.169846
 0.000449    0.042172    11.612132
0.75000      0.299333    1.965461    0.169846
 0.000449    0.255743    11.092690
1.00000      0.299333    2.497211    0.169846
 0.000449    0.491743    10.275494

COMB DL-G1-2 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.103109   -2.462768   -0.191440
-0.000127    -0.456082    -4.579968
0.25000     -0.103109   -1.931055   -0.191440
-0.000127    -0.219682    -3.599629
0.50000     -0.103109   -1.324942   -0.191440
-0.000127    -0.009171    -3.419334
0.75000     -0.103109   -0.768274   -0.191440
-0.000127    -0.207587    -3.247850
1.00000     -0.103109   -0.534664   -0.191440
-0.000127    -0.417070    -3.871345

COMB DL-G1-3 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.364776    0.681221    0.180053
 0.000605    0.449477    16.582432
0.25000      0.364776    0.688470    0.180053
 0.000605    0.228301    16.191848
0.50000      0.364776    0.705744    0.180053
 0.000605    0.061500    15.893402
0.75000      0.364776    0.724556    0.180053
 0.000605    0.304328    15.786601
1.00000      0.364776    0.741958    0.180053
 0.000605    0.572725    15.774121
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                >
                                          5062

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P           V2          V3
       T          M2          M3
0.00000     -0.103420   -0.722382   -0.217560
-0.000333    -0.505192    -4.642833
0.25000     -0.103420   -0.705880   -0.217560
-0.000333    -0.237281    -4.369097
0.50000     -0.103420   -0.687070   -0.217560
-0.000333    -0.011861    -4.120091
0.75000     -0.103420   -0.669794   -0.217560
-0.000333    -0.220371    -3.871400
1.00000     -0.103420   -0.662544   -0.217560
-0.000333    -0.442152    -3.647405

COMB DL-G1-4 ------------------ MAX

REL DIST          P           V2          V3
       T          M2          M3
0.00000      0.354350    6.348723    0.225690
 0.000645    0.561442    23.901225
0.25000      0.354350    11.984370    0.225690
 0.000645    0.292545    40.780286
0.50000      0.354350    25.414771    0.225690
 0.000645    0.089204    50.263683
0.75000      0.354350    40.041192    0.225690
 0.000645    0.385595    40.353779
1.00000      0.354350    52.871956    0.225690
 0.000645    0.712876    23.036332

COMB DL-G1-4 ------------------ MIN
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REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.146916  -52.861714   -0.271080
-0.000490  -0.641057  -34.814344
0.25000   -0.146916  -40.031844   -0.271080
-0.000490  -0.309035  -15.164531
0.50000   -0.146916  -25.406767   -0.271080
-0.000490  -0.024485  -14.822867
0.75000   -0.146916  -11.974742   -0.271080
-0.000490  -0.289148  -14.689145
1.00000   -0.146916   -6.337890   -0.271080
-0.000490  -0.567365  -33.736093

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.099399    0.291793    0.062290
0.000265   0.157055    6.486134
0.25000    0.099399    0.299847    0.062290
0.000265   0.081089    6.404141
0.50000    0.099399    0.319040    0.062290
0.000265   0.024048    6.336409
0.75000    0.099399    0.339942    0.062290
0.000265   0.099745    6.286184
1.00000    0.099399    0.358278    0.062290
0.000265   0.184426    6.227882

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.032490   -0.357315   -0.068996
-0.000206  -0.160432   -1.772477
0.25000   -0.032490   -0.338980   -0.068996
-0.000206  -0.076404   -1.650962
0.50000   -0.032490   -0.318080   -0.068996
-0.000206  -0.004439   -1.557047
0.75000   -0.032490   -0.298884   -0.068996
-0.000206  -0.075762   -1.463324
1.00000   -0.032490   -0.290829   -0.068996
-0.000206  -0.152084   -1.397227

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.197488    8.928510    0.104737
0.000395   0.262869   20.501884
0.25000    0.197488   17.505808    0.104737
0.000395   0.148022   46.671727
0.50000    0.197488   37.946503    0.104737
0.000395   0.078595   61.514207
0.75000    0.197488   60.207509    0.104737
0.000395   0.218707   46.433834
1.00000    0.197488   79.735575    0.104737
0.000395   0.378752   19.967458
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5063

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.048300  -79.739323   -0.138810
-0.000352  -0.327070   -48.706977
0.25000   -0.048300   -60.212618   -0.138810
-0.000352  -0.159613   -19.036069
0.50000   -0.048300   -37.953659   -0.138810
-0.000352  -0.026380   -18.752001
0.75000   -0.048300   -17.510491   -0.138810
-0.000352  -0.145125   -18.784750
1.00000   -0.048300   -8.931359    -0.138810
-0.000352  -0.273829   -48.009084

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.316180    8.175166    0.173003
0.000538   0.432268   23.018330
0.25000    0.316180   15.938225    0.173003
0.000538   0.231933   46.642695
0.50000    0.316180   34.438493    0.173003
0.000538   0.088707   60.016798
0.75000    0.316180   54.586272    0.173003
0.000538   0.124784   46.294428
1.00000    0.316180   72.260546    0.173003
0.000538   0.568574   22.262185

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.087117   -72.245070   -0.213753
-0.000314  -0.505412   -45.550025
0.25000   -0.087117   -54.572026   -0.213753
-0.000314  -0.245129   -18.618269
0.50000   -0.087117   -34.426101   -0.213753
-0.000314  -0.027690   -18.283748
0.75000   -0.087117   -15.923594   -0.213753
-0.000314  -0.226889   -18.236010
1.00000   -0.087117   -8.158876    -0.213753
-0.000314  -0.440130   -44.608712

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.297131    5.465984    0.239594
0.000683   0.595307   24.092822
0.25000    0.297131   10.147256    0.239594
0.000683   0.308015   38.014823
0.50000    0.297131   21.303259    0.239594
0.000683   0.088035   45.835888
0.75000    0.297131   33.452762    0.239594
0.000683   0.400123   37.597807
1.00000    0.297131   44.110685    0.239594
0.000683   0.741596   23.250862

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.175867   -44.113588   -0.282078
-0.000612  -0.664485   -29.781283
0.25000   -0.175867   -33.456407   -0.282078
-0.000612  -0.319354   -13.407403
0.50000   -0.175867   -21.308031   -0.282078
-0.000612  -0.022446   -13.071847
0.75000   -0.175867   -10.150669   -0.282078
-0.000612  -0.305862   -12.908899
1.00000   -0.175867   -5.468396    -0.282078
-0.000612  -0.601059   -28.678413

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.049455    0.408323    0.165396
0.000347   0.408115    9.211247
0.25000    0.049455    0.416377    0.165396
0.000347   0.204140    9.054672
0.50000    0.049455    0.435570    0.165396
0.000347   0.030664    8.931760
0.75000    0.049455    0.456472    0.165396
0.000347   0.241134    8.886063
1.00000    0.049455    0.474808    0.165396
0.000347   0.461958    8.874092
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5064

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.195438   -0.490773   -0.179522
-0.000542  -0.426894   -1.978210
0.25000   -0.195438   -0.472438   -0.179522
-0.000542  -0.206148   -1.832429
0.50000   -0.195438   -0.451536   -0.179522
-0.000542  -0.004716   -1.714448
0.75000   -0.195438   -0.432342   -0.179522
-0.000542  -0.207510   -1.596568
1.00000   -0.195438   -0.424287   -0.179522
-0.000542  -0.411495   -1.505956

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.124946   12.503096    0.231891
0.000439   0.572954   25.115316
0.25000    0.124946   24.680442    0.231891
0.000439   0.305377   62.374169
0.50000    0.124946   53.700472    0.231891
0.000439   0.094101   83.497468
0.75000    0.124946   85.304830    0.231891
0.000439   0.387011   62.122614
1.00000    0.124946  113.029182    0.231891
0.000439   0.703479   24.556551

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.229635 -113.043916   -0.269199
-0.000661  -0.653812   -67.712548
0.25000   -0.229635   -85.321495   -0.269199
-0.000661  -0.326327   -25.654139
0.50000   -0.229635   -53.720043   -0.269199
-0.000661  -0.033498   -25.316863
0.75000   -0.229635   -24.696504   -0.269199
-0.000661  -0.313805   -25.429082
1.00000   -0.229635   -12.516553   -0.269199
-0.000661  -0.599750   -66.985268

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.197291    9.393806    0.240217
0.000618   0.595930   27.023518
0.25000    0.197291   18.171643    0.240217
0.000618   0.313619   53.695420
0.50000    0.197291   39.090247    0.240217
0.000618   0.099449   68.806262
0.75000    0.197291   61.871722    0.240217
0.000618   0.412357   53.341009
1.00000    0.197291   81.856569    0.240217
0.000618   0.750939   26.269193

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.217561   -81.878835   -0.284134
-0.000811  -0.674644   -50.939042
0.25000   -0.217561   -61.895590   -0.284134
-0.000811  -0.328508   -20.502110
0.50000   -0.217561   -39.116210   -0.284134
-0.000811  -0.029537   -20.139285
0.75000   -0.217561   -18.195217   -0.284134
-0.000811  -0.316590   -20.100465
1.00000   -0.217561   -9.415361    -0.284134
-0.000811  -0.612503   -49.935747

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.260992    7.924943    0.262153
0.000686   0.651225   26.551576
0.25000    0.260992   15.209606    0.262153
0.000686   0.339953   48.600598
0.50000    0.260992   32.569802    0.262153
0.000686   0.098279   61.077874
0.75000    0.260992   51.475980    0.262153
0.000686   0.434236   48.210233
1.00000    0.260992   68.061084    0.262153
0.000686   0.800274   25.714963
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5065

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.218680   -68.068165   -0.304675
-0.000708  -0.723366   -43.635575
0.25000   -0.218680   -51.484217   -0.304675
-0.000708  -0.351475   -18.303712
0.50000   -0.218680   -32.579777   -0.304675
-0.000708  -0.027793   -17.873865
0.75000   -0.218680   -15.217481   -0.304675
-0.000708  -0.339306   -17.772542
1.00000   -0.218680   -7.931260    -0.304675
-0.000708  -0.662127   -42.431661

COMB      DB ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.279861   10.857264    0.187889
0.000865   0.464651   26.983076
0.25000    0.279861   31.927812    0.187889
0.000865   0.239593   80.184064
0.50000    0.279861   59.678025    0.187889
0.000865   0.087612   101.373048
0.75000    0.279861   85.679336    0.187889
0.000865   0.273298   79.943540
1.00000    0.279861  112.934299    0.187889
0.000865   0.518119   26.686773

COMB      DB ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.182549 -112.937262   -0.201107
-0.000985  -0.495123   -75.467588
0.25000   -0.182549   -85.682278   -0.201107
-0.000985  -0.247279   -27.789437
0.50000   -0.182549   -59.680781   -0.201107
-0.000985  -0.042082   -27.203493
0.75000   -0.182549   -31.930478   -0.201107
-0.000985  -0.240630   -27.737700
1.00000   -0.182549   -10.875254   -0.201107
-0.000985  -0.469825   -75.025094

COMB      DL ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.364776   12.503096    0.262153
0.000686   0.651225   27.023518
0.25000    0.364776   24.680442    0.262153
0.000686   0.339953   62.374169
0.50000    0.364776   53.700472    0.262153
0.000686   0.099449   83.497468
0.75000    0.364776   85.304830    0.262153
0.000686   0.434236   62.122614
1.00000    0.364776  113.029182    0.262153
0.000686   0.800274   26.269193

COMB      DL ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.229635 -113.043916   -0.304675
-0.000811  -0.723366   -67.712548
0.25000   -0.229635   -85.321495   -0.304675
-0.000811  -0.351475   -25.654139
0.50000   -0.229635   -53.720043   -0.304675
-0.000811  -0.033498   -25.316863
0.75000   -0.229635   -24.696504   -0.304675
-0.000811  -0.339306   -25.429082
1.00000   -0.229635   -12.516553   -0.304675
-0.000811  -0.662127   -66.985268

COMB      CAR ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.364776   12.503096    0.262153
0.000865   0.651225   27.023518
0.25000    0.364776   31.927812    0.262153
0.000865   0.339953   80.184064
0.50000    0.364776   59.678025    0.262153
0.000865   0.099449   101.373048
0.75000    0.364776   85.679336    0.262153
0.000865   0.434236   79.943540
1.00000    0.364776  113.029182    0.262153
0.000865   0.800274   26.686773
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5066

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.229635 -113.043916   -0.304675
-0.000985  -0.723366   -75.467588
0.25000   -0.229635   -85.682278   -0.304675
-0.000985  -0.351475   -27.789437
0.50000   -0.229635   -59.680781   -0.304675
-0.000985  -0.042082   -27.203493
0.75000   -0.229635   -31.930478   -0.304675
-0.000985  -0.339306   -27.737700
1.00000   -0.229635   -12.516553   -0.304675
-0.000985  -0.662127   -75.025094

COMB  DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.364776   12.503096    0.262153
0.000865   0.651225   27.023518
0.25000    0.364776   31.927812    0.262153
0.000865   0.339953   80.184064
0.50000    0.364776   59.678025    0.262153
0.000865   0.099449   101.373048
0.75000    0.364776   85.679336    0.262153
0.000865   0.434236   79.943540
1.00000    0.364776  113.029182    0.262153
0.000865   0.800274   26.686773

COMB  DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.229635 -113.043916   -0.304675
-0.000985  -0.723366   -75.467588
0.25000   -0.229635   -85.682278   -0.304675
-0.000985  -0.351475   -27.789437
0.50000   -0.229635   -59.680781   -0.304675
-0.000985  -0.042082   -27.203493
0.75000   -0.229635   -31.930478   -0.304675
-0.000985  -0.339306   -27.737700
1.00000   -0.229635   -12.516553   -0.304675
-0.000985  -0.662127   -75.025094

ELEM      496 ================== LENGTH
=    4.943166

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.139232    0.200726    0.078506
0.000541   0.195079    4.135256
0.25000    0.139232    0.224603    0.078506
0.000541   0.098048    4.002509
0.50000    0.139232    0.256000    0.078506
0.000541   0.014535    3.841336
0.75000    0.139232    0.285418    0.078506
0.000541   0.110822    3.638568
1.00000    0.139232    0.316282    0.078506
0.000541   0.208223    3.411458

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.037279   -0.194439   -0.078859
-3.31E-06  -0.181779   -1.185629
0.25000   -0.037279   -0.163595   -0.078859
-3.31E-06  -0.094447   -1.054749
0.50000   -0.037279   -0.134178   -0.078859
-3.31E-06  -0.002928   -0.977141
0.75000   -0.037279   -0.102785   -0.078859
-3.31E-06  -0.095961   -0.900641
1.00000   -0.037279   -0.078973   -0.078859
-3.31E-06  -0.192988   -0.877587

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.248633    0.785925    0.127789
0.000957   0.317576    8.853204
0.25000    0.248633    1.454477    0.127789
0.000957   0.159636   10.088623
0.50000    0.248633    2.333573    0.127789
0.000957   0.029958   10.416599
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5067

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.75000    0.248633    3.157291    0.127789
0.000957   0.201071    9.425803
1.00000    0.248633    4.021480    0.127789
0.000957   0.376009    7.496204

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.049761   -3.760629   -0.141942
-3.04E-05  -0.327043   -4.309279
0.25000   -0.049761   -2.898887   -0.141942
-3.04E-05  -0.151965   -2.665862
0.50000   -0.049761   -2.073330   -0.141942
-3.04E-05  -0.006357   -2.513203
0.75000   -0.049761   -1.194317   -0.141942
-3.04E-05  -0.156282   -2.389050
1.00000   -0.049761   -0.527580   -0.141942
-3.04E-05  -0.314097   -3.760756

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.315143    0.840456    0.131865
0.001101   0.327984   14.084807
0.25000    0.315143    0.861945    0.131865
0.001101   0.165027   13.352677
0.50000    0.315143    0.890202    0.131865
0.001101   0.044578   12.797148
0.75000    0.315143    0.916679    0.131865
0.001101   0.275752   12.432984
1.00000    0.315143    0.944456    0.131865
0.001101   0.515910   12.243409

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.053764   -0.582481   -0.194802
-0.000288  -0.447825   -2.793021
0.25000   -0.053764   -0.554721   -0.194802
-0.000288  -0.207716   -2.553676
0.50000   -0.053764   -0.528247   -0.194802
-0.000288  -0.007069   -2.362264
0.75000   -0.053764   -0.499993   -0.194802
-0.000288  -0.160888   -2.171900
1.00000   -0.053764   -0.478562   -0.194802
-0.000288  -0.323860   -2.029621

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.281204    7.082532    0.165012
0.001007   0.408181   23.933427
0.25000    0.281204   19.743251    0.165012
0.001007   0.204452   55.684854
0.50000    0.281204   36.391121    0.165012
0.001007   0.077494   67.901898
0.75000    0.281204   51.990282    0.165012
0.001007   0.329782   54.281018
1.00000    0.281204   68.355870    0.165012
0.001007   0.606779   21.990546

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.114584   -67.966047   -0.228310
-0.000592  -0.546386   -46.830566
0.25000   -0.114584   -51.610842   -0.228310
-0.000592  -0.265108   -18.141187
0.50000   -0.114584   -36.012824   -0.228310
-0.000592  -0.029502   -17.882645
0.75000   -0.114584   -19.366513   -0.228310
-0.000592  -0.205980   -17.761132
1.00000   -0.114584   -6.740181    -0.228310
-0.000592  -0.407486   -46.167354

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.123687    0.364716    0.046062
0.000441   0.114572    5.813379
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5068

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T         M2         M3
0.25000    0.123687    0.388593    0.046062
0.000441   0.057640    5.548079
0.50000    0.123687    0.419389    0.046062
0.000441   0.018396    5.343875
0.75000    0.123687    0.449407    0.046062
0.000441   0.106401    5.184162
1.00000    0.123687    0.480271    0.046062
0.000441   0.198354    5.064158

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.009657   -0.311248   -0.074627
-0.000104  -0.171061   -1.130779
0.25000   -0.009657   -0.280404   -0.074627
-0.000104  -0.079173   -1.020320
0.50000   -0.009657   -0.250988   -0.074627
-0.000104  -0.002745   -0.929308
0.75000   -0.009657   -0.219594   -0.074627
-0.000104  -0.056190   -0.856229
1.00000   -0.009657   -0.195782   -0.074627
-0.000104  -0.113112   -0.836579

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.191673    9.003287    0.072572
0.000570   0.179524   21.823397
0.25000    0.191673   26.337907    0.072572
0.000570   0.090131   65.897715
0.50000    0.191673   49.131596    0.072572
0.000570   0.072040   83.038392
0.75000    0.191673   70.489428    0.072572
0.000570   0.236634   64.605408
1.00000    0.191673   92.896627    0.072572
0.000570   0.428115   20.523474

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.024100   -92.620837   -0.160341
-0.000312  -0.390139   -62.030010
0.25000   -0.024100   -70.227855   -0.160341
-0.000312  -0.192495   -22.899735
0.50000   -0.024100   -48.871586   -0.160341
-0.000312  -0.035027   -22.419134
0.75000   -0.024100   -26.080032   -0.160341
-0.000312  -0.092840   -22.033677
1.00000   -0.024100   -8.792494    -0.160341
-0.000312  -0.179190   -61.713571

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.282903    8.283409    0.125058
0.000918   0.310056   23.133674
0.25000    0.282903   23.949034    0.125058
0.000918   0.155745   62.828076
0.50000    0.282903   44.548124    0.125058
0.000918   0.077011   76.173744
0.75000    0.282903   63.849603    0.125058
0.000918   0.300791   61.374003
1.00000    0.282903   84.099415    0.125058
0.000918   0.549831   21.398684

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.046851   -83.741787   -0.206433
-0.000282  -0.493998   -56.935463
0.25000   -0.046851   -63.504823   -0.206433
-0.000282  -0.239420   -21.508785
0.50000   -0.046851   -44.004758   -0.206433
-0.000282  -0.033950   -21.013289
0.75000   -0.046851   -23.607597   -0.206433
-0.000282  -0.156562   -21.182215
1.00000   -0.046851   -7.984520    -0.206433
-0.000282  -0.308107   -56.402200
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5069

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T         M2         M3
0.00000    0.254345    6.026654    0.175193
0.000912   0.432772   23.850542
0.25000    0.254345   16.305654    0.175193
0.000912   0.216409   49.399096
0.50000    0.254345   29.821746    0.175193
0.000912   0.075520   59.160143
0.75000    0.254345   42.486411    0.175193
0.000912   0.329117   48.049058
1.00000    0.254345   55.773325    0.175193
0.000912   0.612989   21.869532

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T         M2         M3
0.00000   -0.158820   -55.361254   -0.235053
-0.000830  -0.564416   -38.593010
0.25000   -0.158820   -42.082770   -0.235053
-0.000830  -0.274385   -15.259569
0.50000   -0.158820   -29.419033   -0.235053
-0.000830  -0.025385   -14.846228
0.75000   -0.158820   -15.904206   -0.235053
-0.000830  -0.218674   -14.868861
1.00000   -0.158820   -5.653124    -0.235053
-0.000830  -0.433222   -37.890245
```

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030657	0.507098	0.122075
0.000157	0.300031	8.641558	
0.25000	0.030657	0.530975	0.122075
0.000157	0.149153	8.287221	
0.50000	0.030657	0.562372	0.122075
0.000157	0.024785	7.996161	
0.75000	0.030657	0.591790	0.122075
0.000157	0.144632	7.820212	
1.00000	0.030657	0.622654	0.122075
0.000157	0.288257	7.784872	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.209556	-0.434933	-0.116233
-0.000906	-0.286341	-1.231798	
0.25000	-0.209556	-0.404088	-0.116233
-0.000906	-0.142704	-1.094924	
0.50000	-0.209556	-0.374672	-0.116233
-0.000906	-0.002883	-1.011291	
0.75000	-0.209556	-0.343279	-0.116233
-0.000906	-0.152531	-0.928671	
1.00000	-0.209556	-0.319467	-0.116233
-0.000906	-0.303406	-0.899474	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069900	10.912598	0.168692
0.000278	0.413301	25.932955	
0.25000	0.069900	32.019766	0.168692
0.000278	0.205137	79.721505	
0.50000	0.069900	59.774065	0.168692
0.000278	0.083693	100.665282	
0.75000	0.069900	85.780021	0.168692
0.000278	0.266526	78.295670	
1.00000	0.069900	113.063717	0.168692
0.000278	0.501539	24.645108	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.244122	-112.791410	-0.196279
-0.001111	-0.499138	-75.082712	
0.25000	-0.244122	-85.525024	-0.196279
-0.001111	-0.256655	-27.462096	
0.50000	-0.244122	-59.520973	-0.196279
-0.001111	-0.041377	-26.906163	
0.75000	-0.244122	-31.769273	-0.196279
-0.001111	-0.216112	-27.245343	
1.00000	-0.244122	-10.719433	-0.196279
-0.001111	-0.420569	-74.810763	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5070

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.167716	8.009595	0.171917
0.000551	0.423141	26.679722	
0.25000	0.167716	22.493314	0.171917
0.000551	0.210912	63.115160	
0.50000	0.167716	41.538289	0.171917
0.000551	0.083907	77.130630	
0.75000	0.167716	59.383552	0.171917
0.000551	0.325526	61.615669	
1.00000	0.167716	78.105600	0.171917
0.000551	0.614899	24.846908	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.227600	-77.721632	-0.238610
-0.001215	-0.585999	-52.862648	
0.25000	-0.227600	-59.011463	-0.238610
-0.001215	-0.291531	-20.090314	
0.50000	-0.227600	-41.167507	-0.238610
-0.001215	-0.031799	-19.613724	
0.75000	-0.227600	-22.124316	-0.238610
-0.001215	-0.216971	-19.751361	
1.00000	-0.227600	-7.679934	-0.238610
-0.001215	-0.426671	-52.295601	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.232406	6.810990	0.189739
0.000813	0.468152	25.404200	
0.25000	0.232406	18.791217	0.189739
0.000813	0.233854	55.353315	
0.50000	0.232406	34.544294	0.189739
0.000813	0.080510	66.815697	
0.75000	0.232406	49.305027	0.189739
0.000813	0.344694	53.879621	
1.00000	0.232406	64.790994	0.189739
0.000813	0.649665	23.379395	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.205418	-64.363240	-0.250557
-0.001011	-0.606826	-44.484324	
0.25000	-0.205418	-48.887098	-0.250557
-0.001011	-0.297607	-17.323523	
0.50000	-0.205418	-34.127446	-0.250557
-0.001011	-0.028286	-16.876218	
0.75000	-0.205418	-18.375845	-0.250557
-0.001011	-0.237554	-16.937004	
1.00000	-0.205418	-6.428156	-0.250557
-0.001011	-0.469745	-43.802955	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.174775	0.244383	0.100885
0.000519	0.250145	5.115314	
0.25000	0.174775	0.252453	0.100885
0.000519	0.125491	4.888526	
0.50000	0.174775	0.271650	0.100885
0.000519	0.018797	4.654398	
0.75000	0.174775	0.292554	0.100885
0.000519	0.201989	4.395880	
1.00000	0.174775	0.310889	0.100885
0.000519	0.390143	4.130442	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046860	-0.164966	-0.151793
-3.23E-06	-0.360766	-1.493338	
0.25000	-0.046860	-0.146630	-0.151793
-3.23E-06	-0.172684	-1.365624	
0.50000	-0.046860	-0.125727	-0.151793
-3.23E-06	-0.003564	-1.255683	
0.75000	-0.046860	-0.106531	-0.151793
-3.23E-06	-0.123892	-1.165860	
1.00000	-0.046860	-0.098477	-0.151793
-3.23E-06	-0.248545	-1.093772	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5071

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.293322	0.745488	0.165078
0.000877	0.408889	10.302705	
0.25000	0.293322	0.979511	0.165078
0.000877	0.205277	10.515474	
0.50000	0.293322	1.536223	0.165078
0.000877	0.037230	10.458514	
0.75000	0.293322	2.142448	0.165078
0.000877	0.342391	9.658183	
1.00000	0.293322	2.674154	0.165078
0.000877	0.656514	8.574842	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065224	-2.405647	-0.253855
-2.63E-05	-0.599212	-3.847043	
0.25000	-0.065224	-1.873905	-0.253855
-2.63E-05	-0.285088	-2.864453	
0.50000	-0.065224	-1.267727	-0.253855
-2.63E-05	-0.006862	-2.681556	
0.75000	-0.065224	-0.711040	-0.253855
-2.63E-05	-0.203591	-2.502795	
1.00000	-0.065224	-0.477470	-0.253855
-2.63E-05	-0.407588	-3.126108	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367552	0.901286	0.179231
0.000992	0.441371	15.788839	
0.25000	0.367552	0.908549	0.179231
0.000992	0.220094	15.032001	
0.50000	0.367552	0.925826	0.179231
0.000992	0.055066	14.325938	
0.75000	0.367552	0.944640	0.179231
0.000992	0.434212	13.816102	
1.00000	0.367552	0.961141	0.179231
0.000992	0.825153	13.420555	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072286	-0.608296	-0.315959
-0.000257	-0.737329	-3.630721	
0.25000	-0.072286	-0.591793	-0.315959
-0.000257	-0.346326	-3.356453	
0.50000	-0.072286	-0.572981	-0.315959
-0.000257	-0.008658	-3.109991	
0.75000	-0.072286	-0.555704	-0.315959
-0.000257	-0.222404	-2.857266	
1.00000	-0.072286	-0.548456	-0.315959
-0.000257	-0.443614	-2.632964	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.345144	6.518232	0.227875
0.000916	0.558764	23.058891	
0.25000	0.345144	12.165053	0.227875
0.000916	0.285706	39.551207	
0.50000	0.345144	25.598140	0.227875
0.000916	0.082503	48.599705	
0.75000	0.345144	40.225929	0.227875
0.000916	0.528833	38.217985	
1.00000	0.345144	53.055622	0.227875
0.000916	0.991334	20.511674	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.133631	-52.698995	-0.380152
-0.000523	-0.898513	-33.754191	
0.25000	-0.133631	-39.884436	-0.380152
-0.000523	-0.430811	-14.115176	
0.50000	-0.133631	-25.241772	-0.380152
-0.000523	-0.021384	-13.771394	
0.75000	-0.133631	-11.809312	-0.380152
-0.000523	-0.294452	-13.527538	
1.00000	-0.133631	-6.173484	-0.380152
-0.000523	-0.576063	-32.636656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5072

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.129484	0.370802	0.061293
0.000363	0.151062	6.230370	
0.25000	0.129484	0.378872	0.061293
0.000363	0.075387	5.976294	
0.50000	0.129484	0.398069	0.061293
0.000363	0.021922	5.761361	
0.75000	0.129484	0.418973	0.061293
0.000363	0.152278	5.563353	
1.00000	0.129484	0.437308	0.061293
0.000363	0.287015	5.368814	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015110	-0.297710	-0.109013
-0.000109	-0.251914	-1.392823	
0.25000	-0.015110	-0.279374	-0.109013
-0.000109	-0.117278	-1.271532	
0.50000	-0.015110	-0.258471	-0.109013
-0.000109	-0.003264	-1.177808	
0.75000	-0.015110	-0.239275	-0.109013
-0.000109	-0.076350	-1.084278	
1.00000	-0.015110	-0.231221	-0.109013
-0.000109	-0.152050	-1.018320	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.217612	8.973476	0.105518
0.000466	0.256273	19.962150	
0.25000	0.217612	17.567780	0.105518
0.000466	0.139161	45.896703	
0.50000	0.217612	38.012564	0.105518
0.000466	0.074735	60.457468	
0.75000	0.217612	60.275650	0.105518
0.000466	0.324322	45.051382	
1.00000	0.217612	79.802086	0.105518
0.000466	0.588066	18.339085	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033928	-79.585944	-0.222783
-0.000272	-0.526615	-48.035323	
0.25000	-0.033928	-60.058190	-0.222783
-0.000272	-0.254592	-18.375277	
0.50000	-0.033928	-37.796815	-0.222783
-0.000272	-0.024617	-18.082259	
0.75000	-0.033928	-17.352986	-0.222783
-0.000272	-0.148364	-17.941661	
1.00000	-0.033928	-8.775412	-0.222783
-0.000272	-0.276552	-47.255629	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.328876	8.298568	0.171666
0.000809	0.420856	22.271558	
0.25000	0.328876	16.077019	0.171666
0.000809	0.220678	45.549662	
0.50000	0.328876	34.580988	0.171666
0.000809	0.083152	58.539180	
0.75000	0.328876	54.730650	0.171666
0.000809	0.446698	44.399739	
1.00000	0.328876	72.403449	0.171666
0.000809	0.827130	20.026868	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.062985	-72.087526	-0.316068
-0.000247	-0.747210	-44.620106	
0.25000	-0.062985	-54.413534	-0.316068
-0.000247	-0.359391	-17.696830	
0.50000	-0.062985	-34.265421	-0.316068
-0.000247	-0.025142	-17.352820	
0.75000	-0.062985	-15.762316	-0.316068
-0.000247	-0.227877	-17.146765	
1.00000	-0.062985	-7.999008	-0.316068
-0.000247	-0.439821	-43.599200	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5073

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.303923	5.641280	0.244841
0.000803	0.600054	23.281517	
0.25000	0.303923	15.331934	0.244841
0.000803	0.304369	36.802737	
0.50000	0.303923	21.490079	0.244841
0.000803	0.081828	44.163995	
0.75000	0.303923	33.640707	0.244841
0.000803	0.543141	35.433504	
1.00000	0.303923	44.297740	0.244841
0.000803	1.021616	20.685495	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.178298	-43.929251	-0.393158
-0.000736	-0.928622	-28.709549	
0.25000	-0.178298	-33.271498	-0.393158
-0.000736	-0.444454	-12.344377	
0.50000	-0.178298	-21.121804	-0.393158
-0.000736	-0.019334	-12.006989	
0.75000	-0.178298	-9.964080	-0.393158
-0.000736	-0.314563	-11.755624	
1.00000	-0.178298	-5.282858	-0.393158
-0.000736	-0.617273	-27.579922	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039143	0.497999	0.173963
0.000165	0.426449	8.928053	
0.25000	0.039143	0.506069	0.173963
0.000165	0.210712	8.579597	
0.50000	0.039143	0.525266	0.173963
0.000165	0.028492	8.261717	
0.75000	0.039143	0.546170	0.173963
0.000165	0.291351	8.004238	
1.00000	0.039143	0.564505	0.173963
0.000165	0.563488	7.808595	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.226629	-0.393471	-0.220452
-0.000822	-0.525728	-1.548751	
0.25000	-0.226629	-0.375135	-0.220452
-0.000822	-0.253489	-1.409135	
0.50000	-0.226629	-0.354232	-0.220452
-0.000822	-0.003357	-1.297133	
0.75000	-0.226629	-0.335036	-0.220452
-0.000822	-0.218234	-1.185223	
1.00000	-0.226629	-0.326982	-0.220452
-0.000822	-0.433771	-1.100786	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096636	12.516292	0.241581
0.000236	0.589052	24.611155	
0.25000	0.096636	24.717783	0.241581
0.000236	0.306362	61.616194	
0.50000	0.096636	53.743618	0.241581
0.000236	0.090352	82.442584	
0.75000	0.096636	85.350930	0.241581
0.000236	0.480581	60.698565	
1.00000	0.096636	113.072968	0.241581
0.000236	0.892535	22.873368	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261947	-112.855468	-0.346589
-0.000972	-0.839160	-67.070319	
0.25000	-0.261947	-85.131558	-0.346589
-0.000972	-0.005656	-25.032232	
0.50000	-0.261947	-53.526676	-0.346589
-0.000972	-0.032039	-24.687396	
0.75000	-0.261947	-24.502198	-0.346589
-0.000972	-0.326225	-24.559417	
1.00000	-0.261947	-12.324459	-0.346589
-0.000972	-0.625312	-66.248636	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5074

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.195882	9.491016	0.250011
0.000471	0.610054	26.314040	
0.25000	0.195882	18.286257	0.250011
0.000471	0.314059	52.629135	
0.50000	0.195882	39.209046	0.250011
0.000471	0.094439	67.328685	
0.75000	0.195882	61.992650	0.250011
0.000471	0.544771	51.400264	
1.00000	0.195882	81.975619	0.250011
0.000471	1.017035	23.944329	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246083	-81.655960	-0.391970
-0.001057	-0.933821	-50.007224	
0.25000	-0.246083	-61.671642	-0.391970
-0.001057	-0.452962	-19.567274	
0.50000	-0.246083	-38.889789	-0.391970
-0.001057	-0.026983	-19.221249	
0.75000	-0.246083	-17.967978	-0.391970
-0.001057	-0.330494	-19.010818	
1.00000	-0.246083	-9.189858	-0.391970
-0.001057	-0.639950	-48.943449	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.269313	8.072176	0.268450
0.000713	0.657313	25.761433	
0.25000	0.269313	15.371282	0.268450
0.000713	0.336284	47.404743	
0.50000	0.269313	32.734951	0.268450
0.000713	0.092397	59.422067	
0.75000	0.269313	51.642897	0.268450
0.000713	0.577631	46.058407	
1.00000	0.269313	68.226616	0.268450
0.000713	1.084161	23.144519	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.227036	-67.855494	-0.417943
-0.000879	-0.992767	-42.482172	
0.25000	-0.227036	-51.270656	-0.417943
-0.000879	-0.479131	-17.169214	
0.50000	-0.227036	-32.364163	-0.417943
-0.000879	-0.024823	-16.797789	
0.75000	-0.227036	-15.001306	-0.417943
-0.000879	-0.349289	-16.555714	
1.00000	-0.227036	-7.716409	-0.417943
-0.000879	-0.681362	-41.328922	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.315143	10.912598	0.189739
0.001101	0.468152	26.673722	
0.25000	0.315143	32.019766	0.189739
0.001101	0.233854	79.721505	
0.50000	0.315143	59.774065	0.189739
0.001101	0.083907	100.665282	
0.75000	0.315143	85.780021	0.189739
0.001101	0.344694	78.295670	
1.00000	0.315143	113.063717	0.189739
0.001101	0.649665	24.846908	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.244122	-112.791410	-0.250557
-0.001215	-0.606826	-75.082712	
0.25000	-0.244122	-85.525024	-0.250557
-0.001215	-0.297607	-27.462096	
0.50000	-0.244122	-59.520973	-0.250557
-0.001215	-0.041377	-26.906163	
0.75000	-0.244122	-31.769273	-0.250557
-0.001215	-0.237554	-27.245343	
1.00000	-0.244122	-10.719433	-0.250557
-0.001215	-0.469745	-74.810763	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5075

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367552	12.516292	0.268450
0.000992	0.657313	26.314040	
0.25000	0.367552	24.717783	0.268450
0.000992	0.336284	61.616194	
0.50000	0.367552	53.743618	0.268450
0.000992	0.094339	82.442584	
0.75000	0.367552	85.350930	0.268450
0.000992	0.577631	60.698565	
1.00000	0.367552	113.072968	0.268450
0.000992	1.084161	23.944329	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261947	-112.855468	-0.417943
-0.001057	-0.992767	-67.070319	
0.25000	-0.261947	-85.131558	-0.417943
-0.001057	-0.479131	-25.032232	
0.50000	-0.261947	-53.526676	-0.417943
-0.001057	-0.032039	-24.687396	
0.75000	-0.261947	-24.502198	-0.417943
-0.001057	-0.349289	-24.559417	
1.00000	-0.261947	-12.324459	-0.417943
-0.001057	-0.681362	-66.248636	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367552	12.516292	0.268450
0.001101	0.657313	26.679722	
0.25000	0.367552	32.019766	0.268450
0.001101	0.336284	79.721505	
0.50000	0.367552	59.774065	0.268450
0.001101	0.094339	100.665282	
0.75000	0.367552	85.780021	0.268450
0.001101	0.577631	78.295670	
1.00000	0.367552	113.072968	0.268450
0.001101	1.084161	24.846908	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261947	-112.855468	-0.417943
-0.001215	-0.992767	-75.082712	
0.25000	-0.261947	-85.525024	-0.417943
-0.001215	-0.479131	-27.462096	
0.50000	-0.261947	-59.520973	-0.417943
-0.001215	-0.041377	-26.906163	
0.75000	-0.261947	-31.769273	-0.417943
-0.001215	-0.349289	-27.245343	
1.00000	-0.261947	-12.324459	-0.417943
-0.001215	-0.681362	-74.810763	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.367552	12.516292	0.268450
0.001101	0.657313	26.679722	
0.25000	0.367552	32.019766	0.268450
0.001101	0.336284	79.721505	
0.50000	0.367552	59.774065	0.268450
0.001101	0.094339	100.665282	
0.75000	0.367552	85.780021	0.268450
0.001101	0.577631	78.295670	
1.00000	0.367552	113.072968	0.268450
0.001101	1.084161	24.846908	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261947	-112.855468	-0.417943
-0.001215	-0.992767	-75.082712	
0.25000	-0.261947	-85.525024	-0.417943
-0.001215	-0.479131	-27.462096	
0.50000	-0.261947	-59.520973	-0.417943
-0.001215	-0.041377	-26.906163	
0.75000	-0.261947	-31.769273	-0.417943
-0.001215	-0.349289	-27.245343	
1.00000	-0.261947	-12.324459	-0.417943
-0.001215	-0.681362	-74.810763	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5076

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 497 ========== LENGTH = 4.942859

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.110215	0.209060	0.075943
0.000817	0.188323	3.450908	
0.25000	0.110215	0.223303	0.075943
0.000817	0.094466	3.286857	
0.50000	0.110215	0.264453	0.075943
0.000817	0.011093	3.090713	
0.75000	0.110215	0.293875	0.075943
0.000817	0.144692	2.849124	
1.00000	0.110215	0.325095	0.075943
0.000817	0.279098	2.582202	

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.022593 -0.179123 -0.108786
-6.02E-07 -0.258732 -0.872613
0.25000 -0.022593 -0.148282 -0.108786
-6.02E-07 -0.124332 -0.762674
0.50000 -0.022593 -0.118818 -0.108786
-6.02E-07 -0.002076 -0.705436
0.75000 -0.022593 -0.087443 -0.108786
-6.02E-07 -0.093195 -0.648919
1.00000 -0.022593 -0.063723 -0.108786
-6.02E-07 -0.187050 -0.646689

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.281784 0.750325 0.123679
0.001422 0.306685 7.556572
0.25000 0.281784 1.420739 0.123679
0.001422 0.153849 8.843062
0.50000 0.281784 2.301323 0.123679
0.001422 0.025330 9.133511
0.75000 0.281784 3.125136 0.123679
0.001422 0.266776 8.021198
1.00000 0.281784 3.999319 0.123679
0.001422 0.511929 6.177774

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.029563 -3.765482 -0.198865
-4.61E-06 -0.471895 -3.756752
0.25000 -0.029563 -2.901935 -0.198865
-4.61E-06 -0.226303 -2.153590
0.50000 -0.029563 -2.076951 -0.198865
-4.61E-06 -0.004890 -2.022585
0.75000 -0.029563 -1.198438 -0.198865
-4.61E-06 -0.151796 -1.909665
1.00000 -0.029563 -0.534291 -0.198865
-4.61E-06 -0.304598 -3.316763

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.379730 0.752504 0.131469
0.001574 0.323194 12.300375
0.25000 0.379730 0.774053 0.131469
0.001574 0.160677 11.624900
0.50000 0.379730 0.802358 0.131469
0.001574 0.039417 11.096307
0.75000 0.379730 0.828838 0.131469
0.001574 0.367144 10.791234
1.00000 0.379730 0.856936 0.131469
0.001574 0.704258 10.624492

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.034560 -0.657786 -0.273011
-0.000148 -0.645674 -2.033550
0.25000 -0.034560 -0.630030 -0.273011
-0.000148 -0.308612 -1.849112
0.50000 -0.034560 -0.603512 -0.273011
-0.000148 -0.005264 -1.712139
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5077

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -0.034560 -0.575274 -0.273011
-0.000148 -0.164079 -1.575836
1.00000 -0.034560 -0.553927 -0.273011
-0.000148 -0.326631 -1.488390

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.330800 6.652601 0.167288
0.001306 0.410683 22.032789
0.25000 0.330800 19.348562 0.167288
0.001306 0.203934 53.902374
0.50000 0.330800 36.024632 0.167288
0.001306 0.072227 65.981979
0.75000 0.330800 51.625588 0.167288
0.001306 0.429581 50.383469
1.00000 0.330800 68.180428 0.167288
0.001306 0.809553 20.484010

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.132173 -68.059084 -0.314990
-0.000656 -0.758980 -46.191367
0.25000 -0.132173 -51.758666 -0.314990
-0.000656 -0.370077 -17.594511
0.50000 -0.132173 -36.082533 -0.314990
-0.000656 -0.027680 -16.873479
0.75000 -0.132173 -19.445686 -0.314990
-0.000656 -0.210079 -16.492901
1.00000 -0.132173 -6.868400 -0.314990
-0.000656 -0.416189 -44.897630

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.204945 0.322500 0.044523
0.000593 0.110436 5.082929
0.25000 0.204945 0.346443 0.044523
0.000593 0.055442 4.888249
0.50000 0.204945 0.377893 0.044523
0.000593 0.017296 4.738936
0.75000 0.204945 0.407315 0.044523
0.000593 0.144039 4.625485
1.00000 0.204945 0.438536 0.044523
0.000593 0.275168 4.551704

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.006376 -0.350295 -0.106287
-5.14E-06 -0.250418 -0.840148
0.25000 -0.006376 -0.319454 -0.106287
-5.14E-06 -0.119295 -0.734396
0.50000 -0.006376 -0.289990 -0.106287
-5.14E-06 -0.002087 -0.681228
0.75000 -0.006376 -0.258615 -0.106287
-5.14E-06 -0.054578 -0.628725
1.00000 -0.006376 -0.234895 -0.106287
-5.14E-06 -0.109575 -0.630516

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.286173 8.463363 0.076247
0.000750 0.185065 20.527998
0.25000 0.286173 25.846235 0.076247
0.000750 0.090787 64.659205
0.50000 0.286173 48.678534 0.076247
0.000750 0.069727 81.770575
0.75000 0.286173 70.038824 0.076247
0.000750 0.304726 60.597946
1.00000 0.286173 92.705140 0.076247
0.000750 0.564135 19.781317

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.024915 -92.719317 -0.220125
-0.000267 -0.539327 -61.738989
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5078

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -0.024915 -70.328782 -0.220125
-0.000267 -0.267630 -22.689649
0.50000 -0.024915 -48.938127 -0.220125
-0.000267 -0.033831 -21.806764
0.75000 -0.024915 -26.159536 -0.220125
-0.000267 -0.098445 -21.389935
1.00000 -0.024915 -8.939144 -0.220125
-0.000267 -0.191803 -60.384928

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.369407 7.796192 0.125988
0.001303 0.308802 21.433110
0.25000 0.369407 23.505423 0.125988
0.001303 0.153035 61.145765
0.50000 0.369407 44.139406 0.125988
0.001303 0.072641 76.445364
0.75000 0.369407 63.443106 0.125988
0.001303 0.391021 57.145543
1.00000 0.369407 83.927087 0.125988
0.001303 0.732258 20.106287

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.037434 -83.814264 -0.285360
-0.000241 -0.692306 -56.422086
0.25000 -0.037434 -63.579511 -0.285360
-0.000241 -0.333961 -21.087995
0.50000 -0.037434 -44.248370 -0.285360
-0.000241 -0.032199 -20.245759
0.75000 -0.037434 -23.662918 -0.285360
-0.000241 -0.159008 -19.824733
1.00000 -0.037434 -8.100528 -0.285360
-0.000241 -0.313933 -55.020920

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.323233 5.623147 0.178779
0.001090 0.438553 21.910800
0.25000 0.323233 15.930799 0.178779
0.001090 0.217567 47.495491
0.50000 0.323233 29.469746 0.178779
0.001090 0.071106 57.247474
0.75000 0.323233 42.135869 0.178779
0.001090 0.432324 44.580938
1.00000 0.323233 55.576432 0.178779
0.001090 0.816025 20.377004

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.199285 -55.468612 -0.316682
-0.000964 -0.758932 -37.920862
0.25000 -0.199285 -42.191610 -0.316682
-0.000964 -0.367987 -14.675932
0.50000 -0.199285 -29.507482 -0.316682
-0.000964 -0.023712 -14.062851
0.75000 -0.199285 -16.000338 -0.316682
-0.000964 -0.224680 -13.861156
1.00000 -0.199285 -5.789077 -0.316682
-0.000964 -0.445120 -36.759724

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.025713 0.416313 0.126006
6.42E-06 0.309577 7.812252
0.25000 0.025713 0.440256 0.126006
6.42E-06 0.153853 7.500056
0.50000 0.025713 0.471706 0.126006
6.42E-06 0.023814 7.267362
0.75000 0.025713 0.501128 0.126006
6.42E-06 0.169858 7.120302
1.00000 0.025713 0.532348 0.126006
6.42E-06 0.323135 7.076918
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5079

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.281724 -0.463471 -0.124264
-0.001234 -0.291975 -0.925779
0.25000 -0.281724 -0.432150 -0.124264
-0.001234 -0.145389 -0.816290
0.50000 -0.281724 -0.403166 -0.124264
-0.001234 -0.002577 -0.759373
0.75000 -0.281724 -0.371791 -0.124264
-0.001234 -0.157529 -0.703097
1.00000 -0.281724 -0.348071 -0.124264
-0.001234 -0.313252 -0.701145

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.067026 10.254897 0.176810
7.24E-05 0.433434 24.657199
0.25000 0.067026 31.420817 0.176810
7.24E-05 0.214905 78.431871
0.50000 0.067026 59.222129 0.176810
7.24E-05 0.081467 99.319862
0.75000 0.067026 85.231077 0.176810
7.24E-05 0.321669 73.561334
1.00000 0.067026 112.830283 0.176810
7.24E-05 0.591016 23.865665

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.339034 -112.866452 -0.230370
-0.001587 -0.566599 -74.862120
0.25000 -0.339034 -85.603045 -0.230370
-0.001587 -0.283767 -27.337962
0.50000 -0.339034 -59.557124 -0.230370
-0.001587 -0.040601 -26.286444
0.75000 -0.339034 -31.821201 -0.230370
-0.001587 -0.223100 -25.802385
1.00000 -0.339034 -10.853127 -0.230370
-0.001587 -0.440516 -73.307420

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.225209 7.463385 0.178990
0.000484 0.437282 24.870573
0.25000 0.225209 21.987421 0.178990
0.000484 0.216048 61.357053
0.50000 0.225209 41.064656 0.178990
0.000484 0.081091 75.393187
0.75000 0.225209 58.911973 0.178990
0.000484 0.408732 57.623422
1.00000 0.225209 77.850523 0.178990
0.000484 0.764515 23.611033

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.305100 -77.852141 -0.296627
-0.001488 -0.714969 -52.344137
0.25000 -0.305100 -59.144016 -0.296627
-0.001488 -0.349658 -19.667203
0.50000 -0.305100 -41.271329 -0.296627
-0.001488 -0.030591 -18.879752
0.75000 -0.305100 -22.238963 -0.296627
-0.001488 -0.226953 -18.481692
1.00000 -0.305100 -7.850690 -0.296627
-0.001488 -0.447440 -51.013716

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.309651 6.343728 0.194594
0.000924 0.477135 23.421600
0.25000 0.309651 18.357303 0.194594
0.000924 0.236615 53.432593
0.50000 0.309651 34.137064 0.194594
0.000924 0.076727 64.902171
0.75000 0.309651 48.899496 0.194594
0.000924 0.439778 50.107061
1.00000 0.309651 64.564543 0.194594
0.000924 0.827365 21.893124
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5080

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.263079 -64.470315 -0.320889
-0.001239 -0.769872 -43.842010
0.25000 -0.263079 -48.995864 -0.320889
-0.001239 -0.374405 -16.774955
0.50000 -0.263079 -34.212447 -0.320889
-0.001239 -0.026738 -16.085394
0.75000 -0.263079 -18.469881 -0.320889
-0.001239 -0.244826 -15.717941
1.00000 -0.263079 -6.568521 -0.320889
-0.001239 -0.484709 -42.588651

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.114117 0.267976 0.098818
0.000873 0.244516 4.155808
0.25000 0.114117 0.276389 0.098818
0.000873 0.122368 3.893346
0.50000 0.114117 0.295619 0.098818
0.000873 0.013959 3.629832
0.75000 0.114117 0.316518 0.098818
0.000873 0.239689 3.327806
1.00000 0.114117 0.334773 0.098818
0.000873 0.468842 3.026181

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.032686 -0.141141 -0.185001
-3.50E-07 -0.446157 -1.078508
0.25000 -0.032686 -0.122770 -0.185001
-3.50E-07 -0.216969 -0.979273
0.50000 -0.032686 -0.101844 -0.185001
-3.50E-07 -0.002465 -0.911351
0.75000 -0.032686 -0.082662 -0.185001
-3.50E-07 -0.121839 -0.844672
1.00000 -0.032686 -0.074682 -0.185001
-3.50E-07 -0.243955 -0.806246

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.279871 0.737056 0.162850
0.001515 0.402515 8.616788
0.25000 0.279871 0.761366 0.162850
0.001515 0.201531 8.815113
0.50000 0.279871 1.538704 0.162850
0.001515 0.030773 8.711351
0.75000 0.279871 2.144784 0.162850
0.001515 0.422764 7.879382
1.00000 0.279871 2.674194 0.162850
0.001515 0.821327 6.777025

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.038338 -2.363482 -0.322351
-2.56E-06 -0.772565 -3.155578
0.25000 -0.038338 -1.830725 -0.322351
-2.56E-06 -0.373738 -2.180319
0.50000 -0.038338 -1.223869 -0.322351
-2.56E-06 -0.004967 -2.036697
0.75000 -0.038338 -0.667583 -0.322351
-2.56E-06 -0.251687 -1.897051
1.00000 -0.038338 -0.436181 -0.322351
-2.56E-06 -0.402822 -2.570128

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.379032 0.848002 0.182630
0.001579 0.447953 13.466070
0.25000 0.379032 0.855574 0.182630
0.001579 0.222418 12.776910
0.50000 0.379032 0.872881 0.182630
0.001579 0.048028 12.113899
0.75000 0.379032 0.891690 0.182630
0.001579 0.554930 11.637435
1.00000 0.379032 0.908120 0.182630
0.001579 1.072075 11.295259
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5081

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.048148 -0.626787 -0.417961
-0.000156 -0.993973 -2.622324
0.25000 -0.048148 -0.610254 -0.417961
-0.000156 -0.476990 -2.421413
0.50000 -0.048148 -0.591420 -0.417961
-0.000156 -0.006352 -2.244736
0.75000 -0.048148 -0.574156 -0.417961
-0.000156 -0.227819 -2.068158
1.00000 -0.048148 -0.566975 -0.417961
-0.000156 -0.453382 -1.916886

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.345009 6.145910 0.235777
0.001311 0.576605 20.571434
0.25000 0.345009 12.032958 0.235777
0.001311 0.291904 37.122690
0.50000 0.345009 25.489115 0.235777
0.001311 0.075316 45.974257
0.75000 0.345009 40.113409 0.235777
0.001311 0.664690 35.375405
1.00000 0.345009 52.887708 0.235777
0.001311 1.268521 17.747495

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.137677 -52.561962 -0.495687
-0.000607 -1.186668 -32.656216
0.25000 -0.137677 -39.706888 -0.495687
-0.000607 -0.576028 -13.236796
0.50000 -0.137677 -25.063882 -0.495687
-0.000607 -0.018998 -12.675679
0.75000 -0.137677 -11.641081 -0.495687
-0.000607 -0.303728 -12.209707
1.00000 -0.137677 -6.057496 -0.495687
-0.000607 -0.594345 -31.333848

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.193422 0.331647 0.062437
0.000538 0.153616 5.385445
0.25000 0.193422 0.340060 0.062437
0.000538 0.076558 5.166399
0.50000 0.193422 0.359290 0.062437
0.000538 0.020392 4.985528
0.75000 0.193422 0.380189 0.062437
0.000538 0.204224 4.839103
1.00000 0.193422 0.398444 0.062437
0.000538 0.391773 4.701873

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.009548 -0.290446 -0.151809
-2.79E-06 -0.358475 -1.016461
0.25000 -0.009548 -0.272075 -0.151809
-2.79E-06 -0.170890 -0.923233
0.50000 -0.009548 -0.251149 -0.151809
-2.79E-06 -0.002407 -0.856931
0.75000 -0.009548 -0.231967 -0.151809
-2.79E-06 -0.077935 -0.790753
1.00000 -0.009548 -0.223987 -0.151809
-2.79E-06 -0.154998 -0.752699

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.283759 8.442765 0.112798
0.000647 0.272501 18.365364
0.25000 0.283759 17.402688 0.112798
0.000647 0.143971 44.352787
0.50000 0.283759 37.882585 0.112798
0.000647 0.071189 58.596832
0.75000 0.283759 60.140352 0.112798
0.000647 0.423006 42.874628
1.00000 0.283759 79.582479 0.112798
0.000647 0.787822 16.232044
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5082

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.034096 -79.356882 -0.306620
-0.000241 -0.735253 -47.278226
0.25000 -0.034096 -59.791817 -0.306620
-0.000241 -0.359975 -17.892297
0.50000 -0.034096 -37.505570 -0.306620
-0.000241 -0.022907 -17.208282
0.75000 -0.034096 -17.076442 -0.306620
-0.000241 -0.156088 -16.669552
1.00000 -0.034096 -8.578380 -0.306620
-0.000241 -0.293509 -45.945846

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.371396 7.824208 0.176518
0.001242 0.431311 20.069916
0.25000 0.371396 15.933570 0.176518
0.001242 0.222721 43.382453
0.50000 0.371396 34.469318 0.176518
0.001242 0.076802 56.065472
0.75000 0.371396 54.614166 0.176518
0.001242 0.570003 41.614273
1.00000 0.371396 72.210659 0.176518
0.001242 1.077539 17.285702

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.049451 -71.858965 -0.420952
-0.000218 -1.009636 -43.608779
0.25000 -0.049451 -54.151203 -0.420952
-0.000218 -0.492409 -16.195538
0.50000 -0.049451 -33.980580 -0.420952
-0.000218 -0.022613 -16.280205
0.75000 -0.049451 -15.490781 -0.420952
-0.000218 -0.233111 -15.736065
1.00000 -0.049451 -7.799437 -0.420952
-0.000218 -0.449495 -42.176671

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.333872 5.282434 0.254539
0.001039 0.622705 20.756641
0.25000 0.333872 10.172533 0.254539
0.001039 0.313749 34.380461
0.50000 0.333872 21.349941 0.254539
0.001039 0.076196 41.624783
0.75000 0.333872 33.497666 0.254539
0.001039 0.687886 32.745899
1.00000 0.333872 44.108686 0.254539
0.001039 1.313293 18.101509

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.197960 -43.833799 -0.512313
-0.000922 -1.222277 -27.613139
0.25000 -0.197960 -33.155682 -0.512313
-0.000922 -0.591302 -11.449591
0.50000 -0.197960 -20.992414 -0.512313
-0.000922 -0.017097 -10.950229
0.75000 -0.197960 -9.842713 -0.512313
-0.000922 -0.328223 -10.530415
1.00000 -0.197960 -5.204687 -0.512313
-0.000922 -0.640180 -26.384285

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 0.032521 0.418314 0.182222
5.98E-06 0.446898 7.877595
0.25000 0.032521 0.426727 0.182222
5.98E-06 0.221230 7.598733
0.50000 0.032521 0.445957 0.182222
5.98E-06 0.027955 7.345567
0.75000 0.032521 0.466857 0.182222
5.98E-06 0.349774 7.144384
1.00000 0.032521 0.485112 0.182222
5.98E-06 0.675092 7.022543
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5083

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -0.269546 -0.408990 -0.263575
-0.001252 -0.627378 -1.147198
0.25000 -0.269546 -0.390619 -0.263575
-0.001252 -0.304535 -1.042985
0.50000 -0.269546 -0.369693 -0.263575
-0.001252 -0.003123 -0.965904
0.75000 -0.269546 -0.350511 -0.263575
-0.001252 -0.228260 -0.889124
1.00000 -0.269546 -0.342531 -0.263575
-0.001252 -0.454099 -0.839985

COMB DL-G3-2 ---------- MAX

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.082068   11.772618    0.256103
 5.81E-05   0.624432   22.956439
0.25000   0.082068   24.403185    0.256103
 5.81E-05   0.321813   59.999800
0.50000   0.082068   53.568870    0.256103
 5.81E-05   0.087629   80.344981
0.75000   0.082068   85.168630    0.256103
 5.81E-05   0.579031   58.105027
1.00000   0.082068  112.770973    0.256103
 5.81E-05   1.084625   20.352174

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.324402 -112.501661   -0.425443
-0.001493  -1.026884  -66.327262
0.25000  -0.324402  -84.724779   -0.425443
-0.001493  -0.509166  -24.657136
0.50000  -0.324402  -53.084587   -0.425443
-0.001493  -0.030868  -23.737476
0.75000  -0.324402  -24.080979   -0.425443
-0.001493  -0.340518  -23.023825
1.00000  -0.324402  -12.016126   -0.425443
-0.001493  -0.655129  -64.639308

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.231083    8.883353    0.264596
 0.000377   0.645432   24.029734
0.25000   0.231083   18.052762    0.264596
 0.000377   0.328649   50.465865
0.50000   0.231083   39.011484    0.264596
 0.000377   0.090950   64.893513
0.75000   0.231083   61.738645    0.264596
 0.000377   0.680274   48.666956
1.00000   0.231083   81.686334    0.264596
 0.000377   1.284994   21.362565

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.294455  -81.437373   -0.501180
-0.001410  -1.199658  -49.013494
0.25000  -0.294455  -61.414871   -0.501180
-0.001410  -0.584909  -18.896220
0.50000  -0.294455  -38.607565   -0.501180
-0.001410  -0.025365  -18.151844
0.75000  -0.294455  -17.700798   -0.501180
-0.001410  -0.345910  -17.556193
1.00000  -0.294455   -9.004050   -0.501180
-0.001410  -0.671146  -47.472414

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.314649    7.561282    0.279726
 0.000852   0.684233   23.230945
0.25000   0.314649   15.170907    0.279726
 0.000852   0.347002   44.979825
0.50000   0.314649   32.564396    0.279726
 0.000852   0.087548   56.765682
0.75000   0.314649   51.467825    0.279726
 0.000852   0.722960   43.144690
1.00000   0.314649   67.979940    0.279726
 0.000852   1.373510   20.347758
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5084

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.257164  -67.658123   -0.536169
-0.001175  -1.282586  -41.379912
0.25000  -0.257164  -51.041595   -0.536169
-0.001175  -0.623738  -16.337482
0.50000  -0.257164  -32.113980   -0.536169
-0.001175  -0.022711  -15.671431
0.75000  -0.257164  -14.763608   -0.536169
-0.001175  -0.381467  -15.186913
1.00000  -0.257164   -7.546240   -0.536169
-0.001175  -0.705641  -39.907898

COMB       DB ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.379730   10.254897    0.194594
 0.001574   0.477135   24.870573
0.25000   0.379730   31.420817    0.194594
 0.001574   0.236615   78.431871
0.50000   0.379730   59.222129    0.194594
 0.001574   0.090950   99.319862
0.75000   0.379730   85.231077    0.194594
 0.001574   0.439778   73.561334
1.00000   0.379730  112.830283    0.194594
 0.001574   0.827365   23.865665

COMB       DB ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.339034 -112.866452   -0.320889
-0.001587  -0.769872  -74.862120
0.25000  -0.339034  -85.603045   -0.320889
-0.001587  -0.374405  -27.337962
0.50000  -0.339034  -59.557124   -0.320889
-0.001587  -0.040601  -26.286444
0.75000  -0.339034  -31.821201   -0.320889
-0.001587  -0.244826  -25.802385
1.00000  -0.339034  -10.853127   -0.320889
-0.001587  -0.484709  -73.307420

COMB       DL ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.379032   11.772618    0.279726
 0.001579   0.684233   24.029734
0.25000   0.379032   24.493185    0.279726
 0.001579   0.347002   59.999800
0.50000   0.379032   53.568870    0.279726
 0.001579   0.090950   80.344981
0.75000   0.379032   85.168630    0.279726
 0.001579   0.722960   58.105027
1.00000   0.379032  112.770973    0.279726
 0.001579   1.373510   21.362565

COMB       DL ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.324402 -112.501661   -0.536169
-0.001493  -1.262586  -66.327462
0.25000  -0.324402  -84.724779   -0.536169
-0.001493  -0.623738  -24.657136
0.50000  -0.324402  -53.084587   -0.536169
-0.001493  -0.030868  -23.737476
0.75000  -0.324402  -24.080979   -0.536169
-0.001493  -0.361617  -23.023825
1.00000  -0.324402  -12.016126   -0.536169
-0.001493  -0.705641  -64.639308

COMB       CAR ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.379730   11.772618    0.279726
 0.001579   0.684233   24.870573
0.25000   0.379730   31.420817    0.279726
 0.001579   0.347002   78.431871
0.50000   0.379730   59.222129    0.279726
 0.001579   0.090950   99.319862
0.75000   0.379730   85.231077    0.279726
 0.001579   0.722960   73.561334
1.00000   0.379730  112.830283    0.279726
 0.001579   1.373510   23.865665

Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5085

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB       CAR ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.339034 -112.866452   -0.536169
-0.001587  -1.282586  -74.862120
0.25000  -0.339034  -85.603045   -0.536169
-0.001587  -0.623738  -27.337962
0.50000  -0.339034  -59.557124   -0.536169
-0.001587  -0.040601  -26.286444
0.75000  -0.339034  -31.821201   -0.536169
-0.001587  -0.361617  -25.802385
1.00000  -0.339034  -12.016126   -0.536169
-0.001587  -0.705641  -73.307420

COMB      DESIGN ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.379730   11.772618    0.279726
 0.001579   0.684233   24.870573
0.25000   0.379730   31.420817    0.279726
 0.001579   0.347002   78.431871
0.50000   0.379730   59.222129    0.279726
 0.001579   0.090950   99.319862
0.75000   0.379730   85.231077    0.279726
 0.001579   0.722960   73.561334
1.00000   0.379730  112.830283    0.279726
 0.001579   1.373510   23.865665

COMB      DESIGN ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.339034 -112.866452   -0.536169
-0.001587  -1.282586  -74.862120
0.25000  -0.339034  -85.603045   -0.536169
-0.001587  -0.623738  -27.337962
0.50000  -0.339034  -59.557124   -0.536169
-0.001587  -0.040601  -26.286444
0.75000  -0.339034  -31.821201   -0.536169
-0.001587  -0.361617  -25.802385
1.00000  -0.339034  -12.016126   -0.536169
-0.001587  -0.705641  -73.307420

ELEM      498 ================== LENGTH
=    4.944025

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.052152   0.274094    0.067907
0.001195   0.173088   2.623340
0.25000   0.052152   0.299163    0.067907
0.001195   0.088141   2.365968
0.50000   0.052152   0.330602    0.067907
0.001195   0.005033   2.073782
0.75000   0.052152   0.358421    0.067907
0.001195   0.136934   1.733062
1.00000   0.052152   0.394859    0.067907
0.001195   0.277412   1.393609

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.030946  -0.198804   -0.113670
-7.36E-07  -0.284576  -0.642592
0.25000  -0.030946  -0.168388   -0.113670
-7.36E-07  -0.144083  -0.501974
0.50000  -0.030946  -0.138062   -0.113670
-7.36E-07  -0.004453  -0.406376
0.75000  -0.030946  -0.106826   -0.113670
-7.36E-07  -0.078702  -0.310970
1.00000  -0.030946  -0.085272   -0.113670
-7.36E-07  -0.162646  -0.283419

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.263134   0.927784    0.110743
0.002086   0.282238   6.246911
0.25000   0.263134   1.629716    0.110743
0.002086   0.145347   7.140007
0.50000   0.263134   2.509999    0.110743
0.002086   0.009877   6.940300
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5086

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.75000   0.263134   3.288937    0.110743
0.002086   0.260815   5.299411
1.00000   0.263134   4.309208    0.110743
0.002086   0.526039   3.395537

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.032631  -3.653281   -0.215010
-5.09E-06  -0.537047  -3.314565
0.25000  -0.032631  -2.801669   -0.215010
-5.09E-06  -0.271328  -1.682128
0.50000  -0.032631  -1.952501   -0.215010
-5.09E-06  -0.008202  -1.310072
0.75000  -0.032631  -1.077909   -0.215010
-5.09E-06  -0.128362  -0.943399
1.00000  -0.032631  -0.474386   -0.215010
-5.09E-06  -0.265251  -2.395567

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.376347   1.444833    0.122631
0.002434   0.310990  10.690921
0.25000   0.376347   1.467395    0.122631
0.002434   0.159362   9.098210
0.50000   0.376347   1.495689    0.122631
0.002434   0.015027   7.538642
0.75000   0.376347   1.527727    0.122631
0.002434   0.364255   6.165677
1.00000   0.376347   1.553521    0.122631
0.002434   0.733811   5.043399

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.035623  -0.314367   -0.299055
-6.63E-07  -0.744982  -1.494991
0.25000  -0.035623  -0.286993   -0.299055
-6.63E-07  -0.375387  -1.219169
0.50000  -0.035623  -0.259699   -0.299055
-6.63E-07  -0.008734  -0.983859
0.75000  -0.035623  -0.231587   -0.299055
-6.63E-07  -0.143672  -0.748730
1.00000  -0.035623  -0.212188   -0.299055
-6.63E-07  -0.295292  -0.618587

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.324225   4.990066    0.157577
0.002111   0.399245  20.536570
0.25000   0.324225  18.282906    0.157577
0.002111   0.204407  50.728785
0.50000   0.324225  34.953262    0.157577
 0.002111   0.039537  59.811553
0.75000   0.324225  49.704404    0.157577
 0.002111   0.417194  40.187708
1.00000   0.324225  69.025778    0.157577
 0.002111   0.835469  14.797373

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.151746  -66.920325   -0.345270
-0.000697  -0.871832  -44.925215
0.25000  -0.151746  -50.792916   -0.345270
-0.000697  -0.445117  -16.838542
0.50000  -0.151746  -34.711800   -0.345270
-0.000697  -0.028066  -12.616338
0.75000  -0.151746  -18.149211   -0.345270
-0.000697  -0.184990   -8.478314
1.00000  -0.151746   -6.719994   -0.345270
-0.000697  -0.379815  -37.045629

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.257945   0.658976    0.039954
0.000944   0.101835   4.577784
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5087

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
     T          M2          M3
0.25000   0.257945   0.684045    0.039954
0.000944   0.052454   3.945896
0.50000   0.257945   0.715483    0.039954
0.000944   0.005642   3.261861
0.75000   0.257945   0.743302    0.039954
0.000944   0.147625   2.628471
1.00000   0.257945   0.779741    0.039954
0.000944   0.296306   2.061078

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.004802  -0.200349   -0.120368
-6.49E-06  -0.298862  -0.635227
0.25000  -0.004802  -0.169934   -0.120368
-6.49E-06  -0.150140  -0.493001
0.50000  -0.004802  -0.139607   -0.120368
-6.49E-06  -0.002864  -0.395787
0.75000  -0.004802  -0.108371   -0.120368
-6.49E-06  -0.046311  -0.298932
1.00000  -0.004802  -0.086817   -0.120368
-6.49E-06  -0.095687  -0.325338

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.340331   5.707401    0.075527
0.001302   0.190248  19.793626
0.25000   0.340331  23.907498    0.075527
 0.001302   0.096846  62.468328
0.50000   0.340331  46.731974    0.075527
 0.001302   0.041859  76.104086
0.75000   0.340331  66.928729    0.075527
 0.001302   0.293138  50.112342
1.00000   0.340331  93.382887    0.075527
 0.001302   0.584502  15.998896

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.034579  -91.286317   -0.244577
-0.000118  -0.624975  -60.413280
0.25000  -0.034579  -69.205224   -0.244577
-0.000118  -0.322725  -22.132852
0.50000  -0.034579  -47.187516   -0.244577
-0.000118  -0.029851  -16.532308
0.75000  -0.034579  -24.510590   -0.244577
-0.000118  -0.089754  -11.044246
1.00000  -0.034579   -8.862101   -0.244577
-0.000118  -0.183150  -50.256078

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.397866   5.386173    0.119314
0.002103   0.302075  20.149740
0.25000   0.397866  21.833947    0.119314
 0.002103   0.154542  58.426614
0.50000   0.397866  42.460860    0.119314
 0.002103   0.041579  70.454666
0.75000   0.397866  60.713051    0.119314
 0.002103   0.378068  46.662357
1.00000   0.397866  84.620177    0.119314
 0.002103   0.755592  15.534984

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.042266  -82.550014   -0.313895
-0.000106  -0.796669  -55.044211
0.25000  -0.042266  -62.594910   -0.313895
-0.000106  -0.408751  -20.378767
0.50000  -0.042266  -42.697089   -0.313895
-0.000106  -0.030310  -15.246756
0.75000  -0.042266  -22.203520   -0.313895
-0.000106  -0.140284  -10.216400
1.00000  -0.042266   -8.061682   -0.313895
-0.000106  -0.287811  -45.571096
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5088

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.342330   4.575016    0.169318
0.001753   0.428751  20.430887
0.25000   0.342330  15.367223    0.169318
 0.001753   0.219424  44.319683
0.50000   0.342330  28.901571    0.169318
 0.001753   0.036526  51.092549
0.75000   0.342330  40.877746    0.169318
 0.001753   0.427024  34.592223
1.00000   0.342330  56.564406    0.169318
 0.001753   0.854548  13.655187

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.212214  -54.379189   -0.351516
-0.001162  -0.883701  -36.793963
0.25000  -0.212214  -41.285649   -0.351516
-0.001162  -0.449317  -13.934698
0.50000  -0.212214  -28.229694   -0.351516
-0.001162  -0.025260  -10.453793
0.75000  -0.212214  -14.782839   -0.351516
-0.001162  -0.199037   -7.039600
1.00000  -0.212214   -5.503672   -0.351516
-0.001162  -0.408355  -30.131362

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.018253   0.930070    0.119076
1.28E-05   0.301710   7.113003
0.25000   0.018253   0.955139    0.119076
1.28E-05   0.154495   6.080896
0.50000   0.018253   0.986578    0.119076
1.28E-05   0.009261   5.059478
0.75000   0.018253   1.014397    0.119076
1.28E-05   0.175625   4.069224
1.00000   0.018253   1.050835    0.119076
1.28E-05   0.351039   3.238503

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.288696  -0.226881   -0.141973
-0.001814  -0.351113  -0.728816
0.25000  -0.288696  -0.196467   -0.141973
-0.001814  -0.175700  -0.564924
0.50000  -0.288696  -0.166139   -0.141973
-0.001814  -0.006947  -0.446046
0.75000  -0.288696  -0.134904   -0.141973
-0.001814  -0.139782  -0.327840
1.00000  -0.288696  -0.113349   -0.141973
-0.001814  -0.287006  -0.275760

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.056309   6.843888    0.168711
0.000200   0.426975  23.888099
0.25000   0.056309  29.004888    0.168711
 0.000200   0.218382  75.877530
0.50000   0.056309  56.796674    0.168711
 0.000200   0.051010  92.565446
0.75000   0.056309  81.388866    0.168711
 0.000200   0.309284  60.996573
1.00000   0.056309  113.600265   0.168711
 0.000200   0.612784  19.504753

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.371850 -111.222820   -0.256994
-0.002161  -0.657985  -73.361953
0.25000  -0.371850  -84.336200   -0.256994
-0.002161  -0.340440  -26.776385
0.50000  -0.371850  -57.526759   -0.256994
-0.002161  -0.039322  -19.982853
0.75000  -0.371850  -29.914634   -0.256994
-0.002161  -0.198541  -13.526270
1.00000  -0.371850  -10.860551   -0.256994
-0.002161  -0.407137  -61.074695
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5089

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.250560   5.682069    0.173145
0.000880   0.437455  23.647553
0.25000   0.250560  20.888927    0.173145
 0.000880   0.223363  58.168654
0.50000   0.250560  39.959625    0.173145
 0.000880   0.044480  68.468656
0.75000   0.250560  56.834765    0.173145
 0.000880   0.404547  45.768261
1.00000   0.250560  78.938198    0.173145
 0.000880   0.806291  16.484961

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.323761  -76.349040   -0.332904
-0.001936  -0.839981  -51.065969
0.25000  -0.323761  -57.899465   -0.332904
-0.001936  -0.428629  -18.978971
0.50000  -0.323761  -39.502851   -0.332904
-0.001936  -0.031232  -14.197232
0.75000  -0.323761  -20.555436   -0.332904
-0.001936  -0.204484   -9.509471
1.00000  -0.323761   -7.480541   -0.332904
-0.001936  -0.418577  -42.126554

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.343983   5.013434    0.184885
0.001520   0.468048  21.950158
0.25000   0.343983  17.591807    0.184885
 0.001520   0.239461  50.153570
0.50000   0.343983  33.366161    0.184885
 0.001520   0.039845  58.338142
0.75000   0.343983  47.324455    0.184885
 0.001520   0.436472  39.266549
1.00000   0.343983  65.607339    0.184885
 0.001520   0.871952  14.791209

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.273092  -63.208303   -0.358858
-0.001613  -0.902607  -42.631497
0.25000  -0.273092  -47.947713   -0.358858
-0.001613  -0.459204  -16.028191
0.50000  -0.273092  -32.730929   -0.358858
-0.001613  -0.028541  -12.010468
0.75000  -0.273092  -17.058549   -0.358858
-0.001613  -0.217429   -8.070481
1.00000  -0.273092   -6.243633   -0.358858
-0.001613  -0.446021  -35.023900

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.048954   0.345448    0.089166
0.001354   0.226975   3.054227
0.25000   0.048954   0.357268    0.089166
0.001354   0.116758   2.698134
0.50000   0.048954   0.371112    0.089166
0.001354   0.006287   2.328976
0.75000   0.048954   0.398059    0.089166
0.001354   0.218917   1.937574
1.00000   0.048954   0.415197    0.089166
0.001354   0.446808   1.547120

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -0.046197  -0.175322   -0.184036
-4.80E-07  -0.463476  -0.793309
0.25000  -0.046197  -0.156380   -0.184036
-4.80E-07  -0.235519  -0.643989
0.50000  -0.046197  -0.135032   -0.184036
-4.80E-07  -0.008201  -0.517320
0.75000  -0.046197  -0.116045   -0.184036
-4.80E-07  -0.103652  -0.392963
1.00000  -0.046197  -0.109500   -0.184036
-4.80E-07  -0.213968  -0.312605
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                    5090

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   0.237170   0.987450    0.147848
0.002285   0.376198   6.829932
0.25000   0.237170   1.330214    0.147848
0.002285   0.193672   6.604162
0.50000   0.237170   1.905707    0.147848
0.002285   0.012263   5.993216
0.75000   0.237170   2.513148    0.147848
0.002285   0.403729   4.666062
1.00000   0.237170   3.010156    0.147848
0.002285   0.819625   3.273069
```

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038828	-2.323947	-0.336241
-3.19E-06	-0.842836	-2.552108	
0.25000	-0.038828	-1.774652	-0.336241
-3.19E-06	-0.426673	-1.559468	
0.50000	-0.038828	-1.155561	-0.336241
-3.19E-06	-0.012781	-1.220406	
0.75000	-0.038828	-0.604930	-0.336241
-3.19E-06	-0.172321	-0.886474	
1.00000	-0.038828	-0.415135	-0.336241
-3.19E-06	-0.355066	-1.681689	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.346774	1.647419	0.170969
0.002474	0.433069	11.360192	
0.25000	0.346774	1.658056	0.170969
0.002474	0.221416	9.641516	
0.50000	0.346774	1.675916	0.170969
0.002474	0.016917	7.912752	
0.75000	0.346774	1.694768	0.170969
0.002474	0.544243	6.347039	
1.00000	0.346774	1.710192	0.170969
0.002474	1.100004	5.007529	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048236	-0.415946	-0.449207
-1.11E-05	-1.120490	-1.910399	
0.25000	-0.048236	-0.398699	-0.449207
-1.11E-05	-0.764665	-1.583089	
0.50000	-0.048236	-0.379686	-0.449207
-1.11E-05	-0.013522	-1.277915	
0.75000	-0.048236	-0.362597	-0.449207
-1.11E-05	-0.200028	-0.977100	
1.00000	-0.048236	-0.356707	-0.449207
-1.11E-05	-0.411665	-0.798556	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.308771	4.607518	0.223138
0.002140	0.565446	17.830304	
0.25000	0.308771	12.878150	0.223138
0.002140	0.295228	33.574804	
0.50000	0.308771	26.764411	0.223138
0.002140	0.037984	39.929967	
0.75000	0.308771	41.421549	0.223138
0.002140	0.646956	26.920497	
1.00000	0.308771	53.414003	0.223138
0.002140	1.299168	10.828366	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.145641	-51.982197	-0.532870
-0.000703	-1.336482	-31.358439	
0.25000	-0.145641	-38.728097	-0.532870
-0.000703	-0.678181	-12.243370	
0.50000	-0.145641	-23.789865	-0.532870
-0.000703	-0.027021	-8.893995	
0.75000	-0.145641	-10.503518	-0.532870
-0.000703	-0.673278	-5.594594	
1.00000	-0.145641	-5.923861	-0.532870
-0.000703	-0.541077	-26.101050	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5091
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.233008	0.732334	0.058165
0.000976	0.147474	4.729389	
0.25000	0.233008	0.744154	0.058165
0.000976	0.075699	3.981150	
0.50000	0.233008	0.763998	0.058165
0.000976	0.006906	3.240938	
0.75000	0.233008	0.784945	0.058165
0.000976	0.210253	2.575469	
1.00000	0.233008	0.802083	0.058165
0.000976	0.422740	1.961277	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006695	-0.186520	-0.171861
-3.93E-06	-0.426673	-0.752500	
0.25000	-0.006695	-0.167579	-0.171861
-3.93E-06	-0.214241	-0.610199	
0.50000	-0.006695	-0.146231	-0.171861
-3.93E-06	-0.004054	-0.490307	
0.75000	-0.006695	-0.127244	-0.171861
-3.93E-06	-0.068194	-0.370473	
1.00000	-0.006695	-0.120699	-0.171861
-3.93E-06	-0.140021	-0.373958	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316976	5.394097	0.110552
0.001208	0.279603	16.278619	
0.25000	0.316976	17.981783	0.110552
0.001208	0.151797	41.910005	
0.50000	0.316976	39.116271	0.110552
0.001208	0.039029	53.260099	
0.75000	0.316976	61.424026	0.110552
0.001208	0.577817	34.685207	
1.00000	0.316976	79.676207	0.110552
0.001208	0.837000	11.322593	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.037357	-78.579355	-0.344068
-0.000103	-0.866014	-45.971703	
0.25000	-0.037357	-58.406984	-0.344068
-0.000103	-0.442050	-17.132704	
0.50000	-0.037357	-35.671411	-0.344068
-0.000103	-0.024386	-12.288684	
0.75000	-0.037357	-15.449952	-0.344068
-0.000103	-0.137137	-7.636881	
1.00000	-0.037357	-8.479882	-0.344068
-0.000103	-0.272355	-38.945320	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.368278	5.187001	0.167275
0.002101	0.423815	17.351179	
0.25000	0.368278	16.579744	0.167275
0.002101	0.225357	40.197463	
0.50000	0.368278	35.707944	0.167275
0.002101	0.040054	50.123348	
0.75000	0.368278	55.898034	0.167275
0.002101	0.558493	33.059201	
1.00000	0.368278	72.417543	0.167275
0.002101	1.116669	11.430711	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047100	-71.194129	-0.459041
-9.36E-05	-1.153805	-42.190504	
0.25000	-0.047100	-52.936712	-0.459041
-9.36E-05	-0.587666	-15.996768	
0.50000	-0.047100	-32.359418	-0.459041
-9.36E-05	-0.027475	-11.520154	
0.75000	-0.047100	-14.057582	-0.459041
-9.36E-05	-0.202410	-7.217439	
1.00000	-0.047100	-7.749169	-0.459041
-9.36E-05	-0.407421	-35.441530	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5092
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.323937	4.331814	0.242317
0.001751	0.613676	18.198804	
0.25000	0.323937	11.201854	0.242317
0.001751	0.318460	30.730572	
0.50000	0.323937	22.736521	0.242317
0.001751	0.036979	35.470621	
0.75000	0.323937	34.911529	0.242317
0.001751	0.678462	24.128172	
1.00000	0.323937	44.873106	0.242317
0.001751	1.361512	10.304708	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.195200	-43.250783	-0.557139
-0.001194	-1.392986	-26.422425	
0.25000	-0.195200	-32.241214	-0.557139
-0.001194	-0.705207	-10.479635	
0.50000	-0.195200	-19.832715	-0.557139
-0.001194	-0.024970	-7.634102	
0.75000	-0.195200	-8.796361	-0.557139
-0.001194	-0.288198	-4.893309	
1.00000	-0.195200	-4.992267	-0.557139
-0.001194	-0.587284	-21.779863	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023483	1.008501	0.173883
1.09E-05	0.440241	7.103872	
0.25000	0.023483	1.020320	0.173883
1.09E-05	0.224712	6.042153	
0.50000	0.023483	1.040165	0.173883
1.09E-05	0.013953	4.976394	
0.75000	0.023483	1.061111	0.173883
1.09E-05	0.346793	3.946238	
1.00000	0.023483	1.078249	0.173883
1.09E-05	0.698098	3.021327	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.259400	-0.217707	-0.284420
-0.002004	-0.707557	-0.887694	
0.25000	-0.259400	-0.198766	-0.284420
-0.002004	-0.356372	-0.713957	
0.50000	-0.259400	-0.177418	-0.284420
-0.002004	-0.009749	-0.563245	
0.75000	-0.259400	-0.158431	-0.284420
-0.002004	-0.204146	-0.412701	
1.00000	-0.259400	-0.151886	-0.284420
-0.002004	-0.419700	-0.295682	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066253	7.195810	0.246172
0.000156	0.624416	24.455696	
0.25000	0.066253	25.062779	0.246172
0.000156	0.332151	57.319665	
0.50000	0.066253	55.071798	0.246172
0.000156	0.056762	73.916687	
0.75000	0.066253	86.742527	0.246172
0.000156	0.560671	48.129717	
1.00000	0.066253	112.655482	0.246172
0.000156	1.113568	15.164713	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331262	-111.525687	-0.459462
-0.002277	-1.160598	-64.720239	
0.25000	-0.331262	-82.886602	-0.459462
-0.002277	-0.595106	-23.863205	
0.50000	-0.331262	-50.608493	-0.459462
-0.002277	-0.038123	-17.078040	
0.75000	-0.331262	-21.899731	-0.459462
-0.002277	-0.229819	-11.565977	
1.00000	-0.331262	-12.004181	-0.459462
-0.002277	-0.601704	-54.988329	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5093
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.243529	6.174733	0.255272
0.000761	0.645581	21.476639	
0.25000	0.243529	19.056723	0.255272
0.000761	0.338924	46.974160	
0.50000	0.243529	40.685341	0.255272
0.000761	0.050762	57.901536	
0.75000	0.243529	63.514658	0.255272
0.000761	0.673636	38.292400	
1.00000	0.243529	82.193580	0.255272
0.000761	1.343381	13.622685	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.292852	-80.496687	-0.550613
-0.002044	-1.380319	-47.546228	
0.25000	-0.292852	-59.852681	-0.550613
-0.002044	-0.701594	-17.941467	
0.50000	-0.292852	-36.585544	-0.550613
-0.002044	-0.032514	-12.892761	
0.75000	-0.292852	-15.891311	-0.550613
-0.002044	-0.307240	-8.040569	
1.00000	-0.292852	-8.758268	-0.550613
-0.002044	-0.621509	-39.901937	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.322221	5.483951	0.266625
0.001524	0.675148	20.463221	
0.25000	0.322221	16.174620	0.266625
0.001524	0.352909	41.229908	
0.50000	0.322221	34.124051	0.266625
0.001524	0.046307	49.901875	
0.75000	0.322221	53.069933	0.266625
0.001524	0.714497	33.260542	
1.00000	0.322221	68.571433	0.266625
0.001524	1.429627	12.451872	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.248708	-66.877474	-0.585775
-0.001703	-1.467392	-39.963171	
0.25000	-0.248708	-49.745164	-0.585775
-0.001703	-0.744795	-15.313692	
0.50000	-0.248708	-30.435938	-0.585775
-0.001703	-0.031071	-11.043144	
0.75000	-0.248708	-13.261947	-0.585775
-0.001703	-0.318798	-6.935640	
1.00000	-0.248708	-7.342287	-0.585775
-0.001703	-0.647337	-33.350479	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.397866	6.843888	0.184885
0.002434	0.468048	23.888099	
0.25000	0.397866	29.004888	0.184885
0.002434	0.239461	75.877530	
0.50000	0.397866	56.796674	0.184885
0.002434	0.051010	92.565446	
0.75000	0.397866	81.388866	0.184885
0.002434	0.436472	60.996573	
1.00000	0.397866	113.600265	0.184885
0.002434	0.871952	19.504753	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.371850	-111.222820	-0.358858
-0.002161	-0.902607	-73.361953	
0.25000	-0.371850	-84.336200	-0.358858
-0.002161	-0.459204	-26.776385	
0.50000	-0.371850	-57.526759	-0.358858
-0.002161	-0.039322	-19.982853	
0.75000	-0.371850	-29.914634	-0.358858
-0.002161	-0.217429	-13.326270	
1.00000	-0.371850	-10.860551	-0.358858
-0.002161	-0.446021	-61.074695	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5094
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.368278	7.195810	0.266625
0.002474	0.675148	21.476639	
0.25000	0.368278	25.066779	0.266625
0.002474	0.352909	57.319665	
0.50000	0.368278	55.071798	0.266625
0.002474	0.056762	73.916687	
0.75000	0.368278	86.742527	0.266625
0.002474	0.714497	48.129717	
1.00000	0.368278	112.655482	0.266625
0.002474	1.429627	15.164713	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331262	-111.525687	-0.585775
-0.002277	-1.467392	-64.720239	
0.25000	-0.331262	-82.886602	-0.585775
-0.002277	-0.744795	-23.863205	
0.50000	-0.331262	-50.608493	-0.585775
-0.002277	-0.038123	-17.078040	
0.75000	-0.331262	-21.899731	-0.585775
-0.002277	-0.318798	-10.565977	
1.00000	-0.331262	-12.004181	-0.585775
-0.002277	-0.647337	-54.988329	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.397866	7.195810	0.266625
0.002474	0.675148	23.888099	
0.25000	0.397866	29.004888	0.266625
0.002474	0.352909	75.877530	
0.50000	0.397866	56.796674	0.266625
0.002474	0.051892	92.565446	
0.75000	0.397866	86.742527	0.266625
0.002474	0.714497	60.996573	
1.00000	0.397866	113.600265	0.266625
0.002474	1.429627	19.504753	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.371850	-111.525687	-0.585775
-0.002277	-1.467392	-73.361953	
0.25000	-0.371850	-84.336200	-0.585775
-0.002277	-0.744795	-26.776385	
0.50000	-0.371850	-57.526759	-0.585775
-0.002277	-0.039322	-19.982853	
0.75000	-0.371850	-29.914634	-0.585775
-0.002277	-0.318798	-13.326270	
1.00000	-0.371850	-12.004181	-0.585775
-0.002277	-0.647337	-61.074695	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.397866	7.195810	0.266625
0.002474	0.675148	23.888099	
0.25000	0.397866	29.004888	0.266625
0.002474	0.352909	75.877530	
0.50000	0.397866	56.796674	0.266625
0.002474	0.056762	92.565446	
0.75000	0.397866	86.742527	0.266625
0.002474	0.714497	60.996573	
1.00000	0.397866	113.600265	0.266625
0.002474	1.429627	19.504753	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.371850	-111.525687	-0.585775
-0.002277	-1.467392	-73.361953	
0.25000	-0.371850	-84.336200	-0.585775
-0.002277	-0.744795	-26.776385	
0.50000	-0.371850	-57.526759	-0.585775
-0.002277	-0.039322	-19.982853	
0.75000	-0.371850	-29.914634	-0.585775
-0.002277	-0.318798	-13.326270	
1.00000	-0.371850	-12.004181	-0.585775
-0.002277	-0.647337	-61.074695	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5095
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 499 ========== LENGTH = 2.743418

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018148	0.535515	0.219218
0.001768	0.290353	1.436612	
0.25000	0.018148	0.556086	0.219218
0.001768	0.140001	1.111693	
0.50000	0.018148	0.582662	0.219218
0.001768	0.018597	0.766792	
0.75000	0.018148	0.613127	0.219218
0.001768	0.277850	0.388111	
1.00000	0.018148	0.645539	0.219218
0.001768	0.536927	0.017867	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022936	-0.194122	-0.377745
-9.40E-07	-0.499399	-0.280606	
0.25000	-0.022936	-0.178873	-0.377745
-9.40E-07	-0.240342	-0.199864	
0.50000	-0.022936	-0.157058	-0.377745
-9.40E-07	-0.010181	-0.133456	
0.75000	-0.022936	-0.128955	-0.377745
-9.40E-07	-0.160702	-0.067443	
1.00000	-0.022936	-0.097125	-0.377745
-9.40E-07	-0.311054	-0.035322	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144826	1.288868	0.358038
0.003137	0.474208	3.476102	
0.25000	0.144826	1.864863	0.358038
0.003137	0.228635	3.777045	
0.50000	0.144826	2.608979	0.358038
0.003137	0.038611	3.518499	
0.75000	0.144826	3.462007	0.358038
0.003137	0.545466	2.314083	
1.00000	0.144826	4.369543	0.358038
0.003137	1.053535	0.029236	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024092	-3.440202	-0.740799
-6.87E-06	-0.979037	-2.386051	
0.25000	-0.024092	-3.013228	-0.740799
-6.87E-06	-0.471471	-1.492365	
0.50000	-0.024092	-2.402396	-0.740799
-6.87E-06	-0.017659	-0.959571	
0.75000	-0.024092	-1.615506	-0.740799
-6.87E-06	-0.262466	-0.499820	
1.00000	-0.024092	-0.724274	-0.740799
-6.87E-06	-0.508040	-0.069018	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.207938	1.900357	0.404815
0.003826	0.535805	5.137223	
0.25000	0.207938	1.918871	0.404815
0.003826	0.258150	3.871942	
0.50000	0.207938	1.942789	0.404815
0.003826	0.052954	2.588676	
0.75000	0.207938	1.970208	0.404815
0.003826	0.772253	1.275008	
1.00000	0.207938	1.999379	0.404815
0.003826	1.491304	0.033461	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024896	-0.315121	-1.048403
-8.47E-07	-1.384912	-0.627824	
0.25000	-0.024896	-0.301398	-1.048403
-8.47E-07	-0.665876	-0.458881	
0.50000	-0.024896	-0.281763	-1.048403
-8.47E-07	-0.019165	-0.302835	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5096
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.024896	-0.256470	-1.048403
-8.47E-07	-0.297124	-0.147188	
1.00000	-0.024896	-0.227823	-1.048403
-8.47E-07	-0.574773	-0.100118	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.179029	5.460431	0.523626
0.003425	0.692962	14.894164	
0.25000	0.179029	16.368336	0.523626
0.003425	0.333821	33.588520	
0.50000	0.179029	30.460028	0.523626
0.003425	0.087048	41.687535	
0.75000	0.179029	46.614258	0.523626
0.003425	0.880987	31.874130	
1.00000	0.179029	63.800719	0.523626
0.003425	1.701168	0.043486	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090504	-62.195756	-1.196159
-0.000906	-1.585145	-37.046193	
0.25000	-0.090504	-54.109924	-1.196159
-0.000906	-0.774490	-22.146006	
0.50000	-0.090504	-42.542302	-1.196159
-0.000906	-0.044262	-14.764417	
0.75000	-0.090504	-27.640573	-1.196159
-0.000906	-0.384429	-7.383161	
1.00000	-0.090504	-10.762869	-1.196159
-0.000906	-0.743564	-0.121856	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.155274	0.776467	0.129604
0.001518	0.171651	2.100496	
0.25000	0.155274	0.797038	0.129604
0.001518	0.082756	1.610271	
0.50000	0.155274	0.823614	0.129604
0.001518	0.022465	1.100064	
0.75000	0.155274	0.854079	0.129604
0.001518	0.321571	0.556077	
1.00000	0.155274	0.886491	0.129604
0.001518	0.620701	0.010717	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002707	-0.212307	-0.436143
-8.14E-06	-0.575830	-0.327411	
0.25000	-0.002707	-0.197058	-0.436143
-8.14E-06	-0.276718	-0.234159	
0.50000	-0.002707	-0.175243	-0.436143
-8.14E-06	-0.006091	-0.155087	
0.75000	-0.002707	-0.147139	-0.436143
-8.14E-06	-0.095013	-0.076006	
1.00000	-0.002707	-0.115310	-0.436143
-8.14E-06	-0.183908	-0.040904	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.198757	5.875315	0.257002
0.002215	0.339862	16.059325	
0.25000	0.198757	20.810042	0.257002
0.002215	0.163585	42.752990	
0.50000	0.198757	40.103900	0.257002
0.002215	0.079456	54.939880	
0.75000	0.198757	62.221715	0.257002
0.002215	0.625166	42.601702	
1.00000	0.198757	85.752823	0.257002
0.002215	1.207080	0.021624	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021215	-84.988101	-0.848876
-0.000160	-1.128242	-50.257392	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5097
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-0.021215	-73.917259	-0.848876
-0.000160	-0.558367	-29.971835	
0.50000	-0.021215	-58.079271	-0.848876
-0.000160	-0.038957	-19.980306	
0.75000	-0.021215	-37.676337	-0.848876

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-0.000160   -0.188931   -9.988770
 1.00000    -0.021215  -14.567968    -0.848876
-0.000160   -0.365202   -0.096868

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.227333    5.723778    0.397116
 0.003376   0.525493   15.624070
 0.25000    0.227333   19.220574    0.397116
 0.003376   0.253124   39.463652
 0.50000    0.227333   36.656801    0.397116
 0.003376   0.087704   50.193184
 0.75000    0.227333   56.645090    0.397116
 0.003376   0.798567   38.758947
 1.00000    0.227333   77.910600    0.397116
 0.003376   1.542044    0.032998

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.027951  -76.861961   -1.084415
-0.000145  -1.438833   45.572437
 0.25000   -0.027951  -66.857030   -1.084415
-0.000145  -0.707130   27.201267
 0.50000   -0.027951  -52.543939   -1.084415
-0.000145  -0.042822   18.133069
 0.75000   -0.027951  -34.105420   -1.084415
-0.000145  -0.291594   -9.065152
 1.00000   -0.027951  -13.221948   -1.084415
-0.000145  -0.563962   -0.116680

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.194830    5.041541    0.564750
 0.002980   0.747319   13.749819
 0.25000    0.194830   13.897463    0.564750
 0.002980   0.359975   28.510241
 0.50000    0.194830   25.338243    0.564750
 0.002980   0.084729   34.668506
 0.75000    0.194830   38.453559    0.564750
 0.002980   0.911632   26.284014
 1.00000    0.194830   52.406923    0.564750
 0.002980   1.759878    0.047170

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.121366  -50.532901   -1.237028
-0.001613  -1.637661   -30.157901
 0.25000   -0.121366  -43.968166   -1.237028
-0.001613  -0.797144   -18.035216
 0.50000   -0.121366  -34.576632   -1.237028
-0.001613  -0.042550   -12.016758
 0.75000   -0.121366  -22.478198   -1.237028
-0.001613  -0.414687   -6.004956
 1.00000   -0.121366   -8.775508   -1.237028
-0.001613  -0.802027   -0.119547

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.009229    1.201548    0.397731
 2.55E-05   0.526336    3.276492
 0.25000    0.009229    1.222119    0.397731
 2.55E-05   0.253551    2.494724
 0.50000    0.009229    1.248695    0.397731
 2.55E-05   0.027471    1.692949
 0.75000    0.009229    1.279160    0.397731
 2.55E-05   0.384096    0.857430
 1.00000    0.009229    1.311572    0.397731
 2.55E-05   0.740749    0.033404
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5098

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.159515  -0.215375   -0.520012
-0.002693  -0.685871   -0.312647
 0.25000   -0.159515  -0.200125   -0.520012
-0.002693  -0.329237   -0.217586
 0.50000   -0.159515  -0.178310   -0.520012
-0.002693  -0.019045   -0.136696
 0.75000   -0.159515  -0.150207   -0.520012
-0.002693   0.029021   -0.056403
 1.00000   -0.159515  -0.118377   -0.520012
-0.002693  -0.564806   -0.034358

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.029501    7.149973    0.566029
 0.000393   0.748942   19.565033
 0.25000    0.029501   25.334957    0.566029
 0.000393   0.360728   52.070801
 0.50000    0.029501   48.827755    0.566029
 0.000393   0.090339   66.912672
 0.75000    0.029501   75.759088    0.566029
 0.000393   0.658048   51.892063
 1.00000    0.029501  104.411292    0.566029
 0.000393   1.269900    0.047575

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.209696 -103.457018   -0.892603
-0.003189  -1.186814  -61.104393
 0.25000   -0.209696  -89.976819   -0.892603
-0.003189  -0.590880  -36.422777
 0.50000   -0.209696  -70.691996   -0.892603
-0.003189  -0.059390  -24.275732
 0.75000   -0.209696  -45.848755   -0.892603
-0.003189  -0.415699  -12.129331
 1.00000   -0.209696  -17.711291   -0.892603
-0.003189  -0.803912   -0.087878

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.143301    6.061861    0.584155
 0.001559   0.772768   16.563651
 0.25000    0.143301   18.540380    0.584155
 0.001559   0.392319   38.076536
 0.50000    0.143301   34.661117    0.584155
 0.001559   0.091189   47.468472
 0.75000    0.143301   53.141373    0.584155
 0.001559   0.870203   36.370344
 1.00000    0.143301   72.802489    0.584155
 0.001559   1.679357    0.049277

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.180807  -71.086038   -1.180143
-0.002816  -1.563737   -42.169760
 0.25000   -0.180807  -61.835938   -1.180143
-0.002816  -0.765484   -25.168862
 0.50000   -0.180807  -48.602710   -1.180143
-0.002816  -0.050283   -16.769199
 0.75000   -0.180807  -31.555300   -1.180143
-0.002816  -0.429168   -8.370117
 1.00000   -0.180807  -12.247398   -1.180143
-0.002816  -0.829613   -0.111853

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.199186    5.454998    0.617936
 0.002468   0.817669   14.887460
 0.25000    0.199186   15.776621    0.617936
 0.002468   0.393847   32.379464
 0.50000    0.199186   29.110910    0.617936
 0.002468   0.090426   39.845715
 0.75000    0.199186   44.396879    0.617936
 0.002468   0.936393   30.363574
 1.00000    0.199186   60.659598    0.617936
 0.002468   1.807318    0.051732
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5099

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.153530  -58.863440   -1.270137
-0.002346  -1.681713   -35.057579
 0.25000   -0.153530  -51.212207   -1.270137
-0.002346  -0.819810   -20.951062
 0.50000   -0.153530  -40.266325   -1.270137
-0.002346  -0.047844   -13.959095
 0.75000   -0.153530  -26.165537   -1.270137
-0.002346  -0.453770   -6.967763
 1.00000   -0.153530  -10.194980   -1.270137
-0.002346  -0.877587   -0.119207

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.017977    0.645239    0.288995
 0.002052   0.382720    1.574873
 0.25000    0.017977    0.654590    0.288995
 0.002052   0.184536    1.190001
 0.50000    0.017977    0.670044    0.288995
 0.002052   0.028912    0.801447
 0.75000    0.017977    0.688527    0.288995
 0.002052   0.443835    0.397764
 1.00000    0.017977    0.709048    0.288995
 0.002052   0.857710    0.022157

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.030523   -0.169948   -0.603651
-6.49E-07  -0.798641   -0.297546
 0.25000   -0.030523   -0.155772   -0.603651
-6.49E-07  -0.384787   -0.218753
 0.50000   -0.030523   -0.139058   -0.603651
-6.49E-07  -0.013394   -0.148337
 0.75000   -0.030523   -0.121035   -0.603651
-6.49E-07  -0.212002   -0.078092
 1.00000   -0.030523   -0.112854   -0.603651
-6.49E-07  -0.410123   -0.053651

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.128836    1.406288    0.480560
 0.003547   0.636357    3.336278
 0.25000    0.128836    1.677473    0.480560
 0.003547   0.306965    2.928365
 0.50000    0.128836    2.125632    0.480560
 0.003547   0.057057    2.398652
 0.75000    0.128836    2.661639    0.480560
 0.003547   0.842577    1.435319
 1.00000    0.128836    3.256766    0.480560
 0.003547   1.632999    0.037245

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.026282   -2.261998   -1.148640
-4.41E-06  -1.518463   -1.657700
 0.25000   -0.026282   -1.850890   -1.148640
-4.41E-06  -0.730850   -1.067107
 0.50000   -0.026282   -1.366204   -1.148640
-4.41E-06  -0.023113   -0.714625
 0.75000   -0.026282   -0.843527   -1.148640
-4.41E-06  -0.352447   -0.362286
 1.00000   -0.026282   -0.606278   -1.148640
-4.41E-06  -0.682003   -0.099691

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.190443    2.168119    0.565644
 0.004074   0.748311    5.115368
 0.25000    0.190443    2.176535    0.565644
 0.004074   0.359863    3.827289
 0.50000    0.190443    2.193362    0.565644
 0.004074   0.078336    2.535939
 0.75000    0.190443    2.207079    0.565644
 0.004074   1.155507    1.230644
 1.00000    0.190443    2.225548    0.565644
 0.004074   2.231949    0.043642
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5100

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.030982   -0.356848   -1.569644
-1.50E-05  -2.072646   -0.793267
 0.25000   -0.030982   -0.344089   -1.569644
-1.50E-05  -0.996192   -0.588879
 0.50000   -0.030982   -0.329047   -1.569644
-1.50E-05  -0.026148   -0.391925
 0.75000   -0.030982   -0.312826   -1.569644
-1.50E-05  -0.041479   -0.194663
 1.00000   -0.030982   -0.305464   -1.569644
-1.50E-05  -0.802848   -0.140233

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.168797    4.959715    0.742024
 0.003600   0.983350   10.972680
 0.25000    0.168797   11.503224    0.742024
 0.003600   0.477938   18.800468
 0.50000    0.168797   22.317001    0.742024
 0.003600   0.110598   23.673912
 0.75000    0.168797   35.250486    0.742024
 0.003600   1.367350   18.089847
 1.00000    0.168797   49.610489    0.742024
 0.003600   2.641319    0.056784

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.085210  -49.275086   -1.858022
-0.000991  -2.458696   -26.115251
 0.25000   -0.085210  -39.355340   -1.858022
-0.000991  -1.191335   -15.272663
 0.50000   -0.085210  -27.660212   -1.858022
-0.000991  -0.057788   -5.175157
 0.75000   -0.085210  -15.048367   -1.858022
-0.000991  -0.544040   -5.080065
 1.00000   -0.085210   -9.323705   -1.858022
-0.000991  -1.053273   -0.174123

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.137897    0.859422    0.192138
 0.001637   0.254035    2.008961
 0.25000    0.137897    0.868774    0.192138
 0.001637   0.122336    1.512476
 0.50000    0.137897    0.884227    0.192138
 0.001637   0.031670    1.011863
 0.75000    0.137897    0.902710    0.192138
 0.001637   0.460573    0.496115
 1.00000    0.137897    0.923232    0.192138
 0.001637   0.889100    0.015117

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.003769   -0.202341   -0.624901
-5.30E-06  -0.824531   -0.373055
 0.25000   -0.003769   -0.188165   -0.624901
-5.30E-06  -0.395967   -0.273195
 0.50000   -0.003769   -0.171452   -0.624901
-5.30E-06  -0.009162   -0.181267
 0.75000   -0.003769   -0.153428   -0.624901
-5.30E-06  -0.140808   -0.089265
 1.00000   -0.003769   -0.145247   -0.624901
-5.30E-06  -0.272556   -0.053590

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.183551    5.291590    0.373082
 0.002187   0.496532   11.426213
 0.25000    0.183551   15.206228    0.373082
 0.002187   0.244840   24.681903
 0.50000    0.183551   31.708896    0.373082
 0.002187   0.088795   33.440319
 0.75000    0.183551   51.393299    0.373082
 0.002187   0.900767   26.282654
 1.00000    0.183551   73.248824    0.373082
 0.002187   1.739599    0.028789
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5101

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.021970  -74.687099   -1.224002
-0.000143  -1.623249   -38.949864
 0.25000   -0.021970   -59.589523   -1.224002
-0.000143  -0.794359   -22.650129
 0.50000   -0.021970   -41.769863   -1.224002
-0.000143  -0.045757   -15.093932
 0.75000   -0.021970   -22.594986   -1.224002
-0.000143  -0.273140   -7.541089
 1.00000   -0.021970   -13.882210   -1.224002
-0.000143  -0.529377   -0.123967

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.207042    5.281179    0.555416
 0.003509   0.736917   11.549974
 0.25000    0.207042   14.294811    0.555416
 0.003509   0.386052   23.239818
 0.50000    0.207042   29.190701    0.555416
 0.003509   0.104797   30.859767
 0.75000    0.207042   47.006472    0.555416
 0.003509   1.182262   24.074425
 1.00000    0.207042   66.787262    0.555416
 0.003509   2.283594    0.042699

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.028690  -67.666761   -1.606652
-0.000130  -2.129040   -35.435362
 0.25000   -0.028690  -54.002391   -1.606652
-0.000130  -1.036403   -20.638400
 0.50000   -0.028690  -37.892446   -1.606652
-0.000130  -0.049523   -13.754945
 0.75000   -0.028690  -20.519731   -1.606652
-0.000130  -0.406851   -6.874506
 1.00000   -0.028690  -12.634055   -1.606652
-0.000130  -0.788153   -0.155323

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.181336    4.692688    0.809476
 0.003072   1.072170   10.468940
 0.25000    0.181336   10.128079    0.809476
 0.003072   0.519609   16.625164
 0.50000    0.181336   19.110584    0.809476
 0.003072   0.114000   20.327291
 0.75000    0.181336   29.853832    0.809476
 0.003072   1.148909   15.545520
 1.00000    0.181336   41.782023    0.809476
 0.003072   2.797777    0.061985

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.109509  -40.977074   -1.967567
-0.001833  -2.601642   -21.816386
 0.25000   -0.109509  -32.737200   -1.967567
-0.001833  -1.257794   -12.774652
 0.50000   -0.109509  -23.022597   -1.967567
-0.001833  -0.051905   -8.505282
 0.75000   -0.109509  -12.545620   -1.967567
-0.001833  -0.593736   -4.238075
 1.00000   -0.109509   -7.791308   -1.967567
-0.001833  -1.149172   -0.178500

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.012030    1.320798    0.583741
 2.03E-05   0.772341    3.128140
 0.25000    0.012030    1.330149    0.583741
 2.03E-05   0.371952    2.344996
 0.50000    0.012030    1.345603    0.583741
 2.03E-05   0.052370    1.557693
 0.75000    0.012030    1.364086    0.583741
 2.03E-05   0.750132    0.757479
 1.00000    0.012030    1.384608    0.583741
 2.03E-05   1.448336    0.044227
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5102

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.141486  -0.213170   -1.017977
-0.003155  -1.342697   -0.359643
 0.25000   -0.141486  -0.198993   -1.017977
-0.003155  -0.644734   -0.252501
 0.50000   -0.141486  -0.182280   -1.017977
-0.003155  -0.027283   -0.153456
 0.75000   -0.141486  -0.164257   -1.017977
-0.003155  -0.428780   -0.057658
 1.00000   -0.141486  -0.156076   -1.017977
-0.003155  -0.829018   -0.077415

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.035009    7.120161    0.826082
 0.000308   1.096556   15.325243
 0.25000    0.035009   21.259190    0.826082
 0.000308   0.538281   34.371681
 0.50000    0.035009   44.625294    0.826082
 0.000308   0.119694   47.033402
 0.75000    0.035009   72.571601    0.826082
 0.000308   1.184945   37.101241
 1.00000    0.035009  103.600290    0.826082
 0.000308   2.289046    0.062397

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.184114 -105.952976   -1.610584
-0.003643  -2.137254   -55.054443
 0.25000   -0.184114  -84.518671   -1.610584
-0.003643  -1.047738   -31.964978
 0.50000   -0.184114  -59.248169   -1.610584
-0.003643  -0.076076   -21.289241
 0.75000   -0.184114  -31.396851   -1.610584
-0.003643  -0.606432   -10.621796
 1.00000   -0.184114  -19.627163   -1.610584
-0.003643  -1.172874   -0.151026

COMB DL-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.138064    6.302057    0.860027
 0.001469   1.139818   13.811400
 0.25000    0.138064   16.493941    0.860027
 0.001469   0.555429   26.835655
 0.50000    0.138064   33.337007    0.860027
 0.001469   0.127350   35.257601
 0.75000    0.138064   53.481637    0.860027
 0.001469   1.442476   27.393134
 1.00000    0.138064   75.848151    0.860027
 0.001469   2.785650    0.065348

COMB DL-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.161530  -76.493339   -1.959275
-0.003243  -2.592980   -39.971804
 0.25000   -0.161530  -61.042778   -1.959275
-0.003243  -1.260363   -23.252285
 0.50000   -0.161530  -42.826958   -1.959275
-0.003243  -0.066951   -15.480633
 0.75000   -0.161530  -23.183299   -1.959275
-0.003243  -0.630723   -7.715345
 1.00000   -0.161530  -14.266816   -1.959275
-0.003243  -1.220946   -0.178516

COMB DL-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.183313    5.719173    0.891921
 0.002566   1.181828   12.634564
 0.25000    0.183313   14.177343    0.891921
 0.002566   0.574710   23.144979
 0.50000    0.183313   28.155280    0.891921
 0.002566   0.127992   29.836150
 0.75000    0.183313   44.873160    0.891921
 0.002566   1.528416   23.011383
 1.00000    0.183313   63.434965    0.891921
 0.002566   2.951594    0.068082
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5103

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.137654  -63.568176   -2.075896
-0.002702  -2.746401   -33.399911
 0.25000   -0.137654  -50.745868   -2.075896
-0.002702  -1.331770   -19.468424
 0.50000   -0.137654  -35.628693   -2.075896
-0.002702  -0.063867   -12.962661
 0.75000   -0.137654  -19.326565   -2.075896
-0.002702  -0.654193   -6.462164
 1.00000   -0.137654  -11.926841   -2.075896
-0.002702  -1.266147   -0.186105

COMB     DB ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.227333    7.149973    0.617936
 0.003826   0.817669   19.565033
 0.25000    0.227333   25.334957    0.617936
 0.003826   0.393847   52.070801
 0.50000    0.227333   48.827755    0.617936
 0.003826   0.091189   66.912672
 0.75000    0.227333   75.759088    0.617936
 0.003826   0.936393   51.892063
 1.00000    0.227333  104.411292    0.617936
 0.003826   1.807318    0.051732

COMB     DB ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.209696 -103.457018   -1.270137
-0.003189  -1.681713   -61.104393
 0.25000   -0.209696  -89.976819   -1.270137
-0.003189  -0.819810   -36.422777
 0.50000   -0.209696  -70.691996   -1.270137
-0.003189  -0.059390   -24.275732
 0.75000   -0.209696  -45.848755   -1.270137
-0.003189  -0.453770   -12.129331
 1.00000   -0.209696  -17.711291   -1.270137
-0.003189  -0.877587   -0.121856

COMB     DL ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.207042    7.120161    0.891921
 0.004074   1.181828   15.325243
 0.25000    0.207042   21.259190    0.891921
 0.004074   0.574710   34.371681
 0.50000    0.207042   44.625294    0.891921
 0.004074   0.127992   47.033402
 0.75000    0.207042   72.571601    0.891921
 0.004074   1.528416   37.101241
 1.00000    0.207042  103.600290    0.891921
 0.004074   2.951594    0.068082

COMB     DL ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
 0.00000   -0.184114 -105.952976   -2.075896
-0.003643  -2.746401   -55.054443
 0.25000   -0.184114  -84.518671   -2.075896
-0.003643  -1.331770   -31.964978
 0.50000   -0.184114  -59.248169   -2.075896
-0.003643  -0.076076   -21.289241
 0.75000   -0.184114  -31.396851   -2.075896
-0.003643  -0.654193   -10.621796
 1.00000   -0.184114  -19.627163   -2.075896
-0.003643  -1.266147   -0.186105

COMB     CAR ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
 0.00000    0.227333    7.149973    0.891921
 0.004074   1.181828   19.565033
 0.25000    0.227333   25.334957    0.891921
 0.004074   0.574710   52.070801
 0.50000    0.227333   48.827755    0.891921
 0.004074   0.127992   66.912672
 0.75000    0.227333   75.759088    0.891921
 0.004074   1.528416   51.892063
 1.00000    0.227333  104.411292    0.891921
 0.004074   2.951594    0.068082
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                    Page
<              MOVING              LOAD              >
                                    5104

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB     CAR ------------------- MIN
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REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.209696 -105.952976   -2.075896
-0.003643   -2.746401   -61.104393
0.25000   -0.209696   -89.976819   -2.075896
-0.003643   -1.331770   -36.422777
0.50000   -0.209696   -70.691996   -2.075896
-0.003643   -0.076076   -24.275732
0.75000   -0.209696   -45.848755   -2.075896
-0.003643   -0.654193   -12.129331
1.00000   -0.209696   -19.627163   -2.075896
-0.003643   -1.266147   -0.186105

COMB  DESIGN  ------------------ MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    0.227333    7.149973    0.891921
0.004074    1.181828   19.565033
0.25000    0.227333   25.334957    0.891921
0.004074    0.574710   52.070801
0.50000    0.227333   48.827755    0.891921
0.004074    0.127992   66.912672
0.75000    0.227333   75.759088    0.891921
0.004074    1.528416   51.892063
1.00000    0.227333  104.411292    0.891921
0.004074    2.951594    0.068082

COMB  DESIGN  ------------------ MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -0.209696 -105.952976   -2.075896
-0.003643   -2.746401   -61.104393
0.25000   -0.209696   -89.976819   -2.075896
-0.003643   -1.331770   -36.422777
0.50000   -0.209696   -70.691996   -2.075896
-0.003643   -0.076076   -24.275732
0.75000   -0.209696   -45.848755   -2.075896
-0.003643   -0.654193   -12.129331
1.00000   -0.209696   -19.627163   -2.075896
-0.003643   -1.266147   -0.186105

ELEM       500 ================== LENGTH
=     1.100000

COMB DB-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    29.457969    0.206946   15.621112
   .000000   17.183223    0.227640
0.25000    29.457969    0.206946   15.621112
   .000000   12.887417    0.170730
0.50000    29.457969    0.206946   15.621112
   .000000    8.591611    0.113780
0.75000    29.457969    0.206946   15.621112
   .000000    4.295806    0.056841
1.00000    29.457969    0.206946   15.621112
   .000000    .000000    .000000

COMB DB-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -539.173876   -1.230743   -92.901491
   .000000 -102.191640   -1.353817
0.25000  -539.173876   -1.230743   -92.901491
   .000000  -76.643730   -1.015363
0.50000  -539.173876   -1.230743   -92.901491
   .000000  -51.095820   -0.676907
0.75000  -539.173876   -1.230743   -92.901491
   .000000  -25.547910   -0.338453
1.00000  -539.173876   -1.230743   -92.901491
   .000000    .000000    .000000

COMB DB-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    49.319381    1.427115  107.724512
   .000000  118.496963    1.569827
0.25000    49.319381    1.427115  107.724512
   .000000   88.872723    1.177370
0.50000    49.319381    1.427115  107.724512
   .000000   59.248482    0.784852
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5105

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.75000    49.319381    1.427115  107.724512
   .000000   29.624241    0.392288
1.00000    49.319381    1.427115  107.724512
   .000000    .000000    .000000

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -727.323816   -1.386345  -104.647025
   .000000 -115.111727   -1.524980
0.25000  -727.323816   -1.386345  -104.647025
   .000000  -86.333795   -1.143735
0.50000  -727.323816   -1.386345  -104.647025
   .000000  -57.555864   -0.762479
0.75000  -727.323816   -1.386345  -104.647025
   .000000  -28.777932   -0.381215
1.00000  -727.323816   -1.386345  -104.647025
   .000000    .000000    .000000

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    56.680728    1.111473   83.898561
   .000000   92.288417    1.222615
0.25000    56.680728    1.111473   83.898561
   .000000   69.216313    0.916960
0.50000    56.680728    1.111473   83.898561
   .000000   46.144208    0.611265
0.75000    56.680728    1.111473   83.898561
   .000000   23.072104    0.305599
1.00000    56.680728    1.111473   83.898561
   .000000    .000000    .000000

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -688.439589   -1.278883   -96.535300
   .000000 -106.188830   -1.406728
0.25000  -688.439589   -1.278883   -96.535300
   .000000  -79.641622   -1.055005
0.50000  -688.439589   -1.278883   -96.535300
   .000000  -53.094415   -0.703333
0.75000  -688.439589   -1.278883   -96.535300
   .000000  -26.547207   -0.351520
1.00000  -688.439589   -1.278883   -96.535300
   .000000    .000000    .000000

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    81.379208    1.074872   81.135739
   .000000   89.240813    1.182352
0.25000    81.379208    1.074872   81.135739
   .000000   66.936985    0.886763
0.50000    81.379208    1.074872   81.135739
   .000000   44.624657    0.591133
0.75000    81.379208    1.074872   81.135739
   .000000   22.312328    0.295534
1.00000    81.379208    1.074872   81.135739
   .000000    .000000    .000000

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -576.361501   -1.714874  -129.445724
   .000000 -142.390296   -1.886296
0.25000  -576.361501   -1.714874  -129.445724
   .000000 -106.792722   -1.414712
0.50000  -576.361501   -1.714874  -129.445724
   .000000  -71.195148   -0.943148
0.75000  -576.361501   -1.714874  -129.445724
   .000000  -35.597574   -0.471521
1.00000  -576.361501   -1.714874  -129.445724
   .000000    .000000    .000000

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    19.932318    1.398955  105.598848
   .000000  116.158732    1.538850
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5106

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
      T          M2          M3
0.25000    19.932318    1.398955  105.598848
   .000000   87.119049    1.154138
0.50000    19.932318    1.398955  105.598848
   .000000   58.079366    0.769425
0.75000    19.932318    1.398955  105.598848
   .000000   29.039683    0.384713
1.00000    19.932318    1.398955  105.598848
   .000000    .000000    .000000

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -135.538405   -0.115120   -8.689717
   .000000   -9.558689   -0.126606
0.25000  -135.538405   -0.115120   -8.689717
   .000000   -7.169017   -0.094954
0.50000  -135.538405   -0.115120   -8.689717
   .000000   -4.779344   -0.063286
0.75000  -135.538405   -0.115120   -8.689717
   .000000   -2.389672   -0.031602
1.00000  -135.538405   -0.115120   -8.689717
   .000000    .000000    .000000

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    51.037163    1.102434   83.216217
   .000000   91.537839    1.212669
0.25000    51.037163    1.102434   83.216217
   .000000   68.653379    0.909502
0.50000    51.037163    1.102434   83.216217
   .000000   45.768919    0.606342
0.75000    51.037163    1.102434   83.216217
   .000000   22.884460    0.303170
1.00000    51.037163    1.102434   83.216217
   .000000    .000000    .000000

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -148.177464   -0.627553   -47.370242
   .000000  -52.107267   -0.690218
0.25000  -148.177464   -0.627553   -47.370242
   .000000  -39.080450   -0.517651
0.50000  -148.177464   -0.627553   -47.370242
   .000000  -26.053633   -0.345099
0.75000  -148.177464   -0.627553   -47.370242
   .000000  -13.026817   -0.172479
1.00000  -148.177464   -0.627553   -47.370242
   .000000    .000000    .000000

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    68.560397    1.303201   98.370945
   .000000  108.208039    1.433514
0.25000    68.560397    1.303201   98.370945
   .000000   81.156030    1.075136
0.50000    68.560397    1.303201   98.370945
   .000000   54.104020    0.716764
0.75000    68.560397    1.303201   98.370945
   .000000   27.052010    0.358381
1.00000    68.560397    1.303201   98.370945
   .000000    .000000    .000000

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -498.684351   -1.185654   -89.497989
   .000000  -98.447788   -1.304139
0.25000  -498.684351   -1.185654   -89.497989
   .000000  -73.835841   -0.978093
0.50000  -498.684351   -1.185654   -89.497989
   .000000  -49.223894   -0.652063
0.75000  -498.684351   -1.185654   -89.497989
   .000000  -24.611947   -0.325967
1.00000  -498.684351   -1.185654   -89.497989
   .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5107

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    76.061490    1.304626   98.478525
   .000000  108.326378    1.435083
0.25000    76.061490    1.304626   98.478525
   .000000   81.244783    1.076312
0.50000    76.061490    1.304626   98.478525
   .000000   54.163189    0.717548
0.75000    76.061490    1.304626   98.478525
   .000000   27.081594    0.358773
1.00000    76.061490    1.304626   98.478525
   .000000    .000000    .000000

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -418.352245   -1.168860   -88.230375
   .000000  -97.053412   -1.285690
0.25000  -418.352245   -1.168860   -88.230375
   .000000  -73.019059   -0.964258
0.50000  -418.352245   -1.168860   -88.230375
   .000000  -48.526706   -0.642843
0.75000  -418.352245   -1.168860   -88.230375
   .000000  -24.263353   -0.321369
1.00000  -418.352245   -1.168860   -88.230375
   .000000    .000000    .000000

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    28.316053    0.436073   32.916583
   .000000   36.208241    0.479680
0.25000    28.316053    0.436073   32.916583
   .000000   27.156181    0.359760
0.50000    28.316053    0.436073   32.916583
   .000000   18.104120    0.239840
0.75000    28.316053    0.436073   32.916583
   .000000    9.052060    0.119920
1.00000    28.316053    0.436073   32.916583
   .000000    .000000    .000000

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -4.413863   -0.079137   -5.973606
   .000000   -6.570967   -0.087025
0.25000   -4.413863   -0.079137   -5.973606
   .000000   -4.928225   -0.065207
0.50000   -4.413863   -0.079137   -5.973606
   .000000   -3.285483   -0.043412
0.75000   -4.413863   -0.079137   -5.973606
   .000000   -1.642742   -0.021476
1.00000   -4.413863   -0.079137   -5.973606
   .000000    .000000    .000000

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    73.791383    0.553779   41.801527
   .000000   45.981679    0.609157
0.25000    73.791383    0.553779   41.801527
   .000000   34.486259    0.456868
0.50000    73.791383    0.553779   41.801527
   .000000   22.990840    0.304577
0.75000    73.791383    0.553779   41.801527
   .000000   11.495420    0.152287
1.00000    73.791383    0.553779   41.801527
   .000000    .000000    .000000

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -12.974249   -0.961178   -72.553663
   .000000  -79.809030   -1.057284
0.25000   -12.974249   -0.961178   -72.553663
   .000000  -59.856772   -0.792856
0.50000   -12.974249   -0.961178   -72.553663
   .000000  -39.904515   -0.528644
0.75000   -12.974249   -0.961178   -72.553663
   .000000  -19.952257   -0.264093
1.00000   -12.974249   -0.961178   -72.553663
   .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5108

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    67.529608    0.851854   64.301423
   .000000   70.731565    0.937032
0.25000    67.529608    0.851854   64.301423
   .000000   53.048674    0.702774
0.50000    67.529608    0.851854   64.301423
   .000000   35.365782    0.468523
0.75000    67.529608    0.851854   64.301423
   .000000   17.682891    0.234232
1.00000    67.529608    0.851854   64.301423
   .000000    .000000    .000000

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000   -81.884203   -0.530196   -40.021336
   .000000  -44.023470   -0.583121
0.25000   -81.884203   -0.530196   -40.021336
   .000000  -33.017603   -0.437239
0.50000   -81.884203   -0.530196   -40.021336
   .000000  -22.011735   -0.291557
0.75000   -81.884203   -0.530196   -40.021336
   .000000  -11.005868   -0.145507
1.00000   -81.884203   -0.530196   -40.021336
   .000000    .000000    .000000

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    73.893065    1.637521  123.606753
   .000000  135.967428    1.801267
0.25000    73.893065    1.637521  123.606753
   .000000  101.975571    1.350950
0.50000    73.893065    1.637521  123.606753
   .000000   67.983714    0.900637
0.75000    73.893065    1.637521  123.606753
   .000000   33.991857    0.450318
1.00000    73.893065    1.637521  123.606753
   .000000    .000000    .000000

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -303.164051   -0.750243   -56.631393
   .000000  -62.294532   -0.825197
0.25000  -303.164051   -0.750243   -56.631393
   .000000  -46.720899   -0.618813
0.50000  -303.164051   -0.750243   -56.631393
   .000000  -31.147266   -0.412593
0.75000  -303.164051   -0.750243   -56.631393
   .000000  -15.573633   -0.206067
1.00000  -303.164051   -0.750243   -56.631393
   .000000    .000000    .000000

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    39.218993    0.393452   29.699339
   .000000   32.669273    0.432759
0.25000    39.218993    0.393452   29.699339
   .000000   24.501955    0.324584
0.50000    39.218993    0.393452   29.699339
   .000000   16.334637    0.216257
0.75000    39.218993    0.393452   29.699339
   .000000    8.167318    0.108020
1.00000    39.218993    0.393452   29.699339
   .000000    .000000    .000000

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -579.661932   -1.834894  -138.505315
   .000000 -152.355846   -2.018091
0.25000  -579.661932   -1.834894  -138.505315
   .000000 -114.266885   -1.513327
0.50000  -579.661932   -1.834894  -138.505315
   .000000  -76.177923   -1.008395
0.75000  -579.661932   -1.834894  -138.505315
   .000000  -38.088962   -0.503011
1.00000  -579.661932   -1.834894  -138.505315
   .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5109

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    65.525628    1.523502  115.000203
   .000000  126.500224    1.675720
0.25000    65.525628    1.523502  115.000203
   .000000   94.875168    1.256782
0.50000    65.525628    1.523502  115.000203
   .000000   63.250112    0.837571
0.75000    65.525628    1.523502  115.000203
   .000000   31.625056    0.418442
1.00000    65.525628    1.523502  115.000203
   .000000    .000000    .000000

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -794.987194   -2.071675  -156.378525
   .000000 -172.016377   -2.278443
0.25000  -794.987194   -2.071675  -156.378525
   .000000 -129.012283   -1.708477
0.50000  -794.987194   -2.071675  -156.378525
   .000000  -86.008189   -1.138193
0.75000  -794.987194   -2.071675  -156.378525
   .000000  -43.004094   -0.566996
1.00000  -794.987194   -2.071675  -156.378525
   .000000    .000000    .000000

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    77.205993    1.361856  102.799320
   .000000  113.079252    1.497683
0.25000    77.205993    1.361856  102.799320
   .000000   84.809439    1.123096
0.50000    77.205993    1.361856  102.799320
   .000000   56.539626    0.748296
0.75000    77.205993    1.361856  102.799320
   .000000   28.269813    0.373269
1.00000    77.205993    1.361856  102.799320
   .000000    .000000    .000000

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -760.510437   -1.968933  -148.625390
   .000000 -163.487929   -2.164920
0.25000  -760.510437   -1.968933  -148.625390
   .000000 -122.615947   -1.622736
0.50000  -760.510437   -1.968933  -148.625390
   .000000  -81.743965   -1.081121
0.75000  -760.510437   -1.968933  -148.625390
   .000000  -40.871982   -0.537851
1.00000  -760.510437   -1.968933  -148.625390
   .000000    .000000    .000000

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000   101.706589    1.301010   98.206166
   .000000  108.026783    1.430706
0.25000   101.706589    1.301010   98.206166
   .000000   81.020087    1.072677
0.50000   101.706589    1.301010   98.206166
   .000000   54.013392    0.714664
0.75000   101.706589    1.301010   98.206166
   .000000   27.006696    0.356078
1.00000   101.706589    1.301010   98.206166
   .000000    .000000    .000000

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -637.531002   -2.112221  -159.440597
   .000000 -175.384657   -2.322463
0.25000  -637.531002   -2.112221  -159.440597
   .000000 -131.538493   -1.740887
0.50000  -637.531002   -2.112221  -159.440597
   .000000  -87.692329   -1.159382
0.75000  -637.531002   -2.112221  -159.440597
   .000000  -43.846164   -0.576949
1.00000  -637.531002   -2.112221  -159.440597
   .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5110

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    26.705472    1.244514   93.941033
   .000000  103.335136    1.368847
0.25000    26.705472    1.244514   93.941033
   .000000   77.501352    1.026639
0.50000    26.705472    1.244514   93.941033
   .000000   51.667568    0.684377
0.75000    26.705472    1.244514   93.941033
   .000000   25.833784    0.341806
1.00000    26.705472    1.244514   93.941033
   .000000    .000000    .000000

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -165.180808   -0.199324   -15.045775
   .000000  -16.555353   -0.219027
0.25000  -165.180808   -0.199324   -15.045775
   .000000  -12.412764   -0.164113
0.50000  -165.180808   -0.199324   -15.045775
   .000000   -8.275176   -0.109063
0.75000  -165.180808   -0.199324   -15.045775
   .000000   -4.137588   -0.054584
1.00000  -165.180808   -0.199324   -15.045775
   .000000    .000000    .000000

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    59.639081    1.093601   82.550101
   .000000   90.805111    1.202729
0.25000    59.639081    1.093601   82.550101
   .000000   68.103833    0.901874
0.50000    59.639081    1.093601   82.550101
   .000000   45.402555    0.600810
0.75000    59.639081    1.093601   82.550101
   .000000   22.701278    0.299290
1.00000    59.639081    1.093601   82.550101
   .000000    .000000    .000000

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -182.793684   -0.613605   -46.318684
   .000000  -50.950552   -0.674302
0.25000  -182.793684   -0.613605   -46.318684
   .000000  -38.212914   -0.504879
0.50000  -182.793684   -0.613605   -46.318684
   .000000  -25.475276   -0.335979
0.75000  -182.793684   -0.613605   -46.318684
   .000000  -12.737638   -0.166335
1.00000  -182.793684   -0.613605   -46.318684
   .000000    .000000    .000000

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
      T          M2          M3
0.00000    84.056303    1.473983  111.262885
   .000000  122.389173    1.621042
0.25000    84.056303    1.473983  111.262885
   .000000   91.791880    1.215782
0.50000    84.056303    1.473983  111.262885
   .000000   61.194587    0.809950
0.75000    84.056303    1.473983  111.262885
   .000000   30.597293    0.403847
1.00000    84.056303    1.473983  111.262885
   .000000    .000000    .000000

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
      T          M2          M3
0.00000  -559.785575   -1.435986  -108.395813
   .000000 -119.239395   -1.578657
0.25000  -559.785575   -1.435986  -108.395813
   .000000  -89.426546   -1.182985
0.50000  -559.785575   -1.435986  -108.395813
   .000000  -59.617697   -0.787800
0.75000  -559.785575   -1.435986  -108.395813
   .000000  -29.808849   -0.391485
1.00000  -559.785575   -1.435986  -108.395813
   .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING          LOAD              >
                                5111

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	99.262782	1.477328	111.515934
.000000	122.667527	1.624578	
0.25000	99.262782	1.477328	111.515934
.000000	92.000645	1.217993	
0.50000	99.262782	1.477328	111.515934
.000000	61.333764	0.811500	
0.75000	99.262782	1.477328	111.515934
.000000	30.666882	0.404412	
1.00000	99.262782	1.477328	111.515934
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-470.232651	-1.346028	-101.604394
.000000	-111.764834	-1.479573	
0.25000	-470.232651	-1.346028	-101.604394
.000000	-83.823625	-1.108697	
0.50000	-470.232651	-1.346028	-101.604394
.000000	-55.882417	-0.737820	
0.75000	-470.232651	-1.346028	-101.604394
.000000	-27.941208	-0.366312	
1.00000	-470.232651	-1.346028	-101.604394
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	41.409979	0.565049	42.652574
.000000	46.917831	0.621207	
0.25000	41.409979	0.565049	42.652574
.000000	35.188373	0.465761	
0.50000	41.409979	0.565049	42.652574
.000000	23.458916	0.309886	
0.75000	41.409979	0.565049	42.652574
.000000	11.729458	0.154705	
1.00000	41.409979	0.565049	42.652574
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.262110	-0.103506	-7.814462
.000000	-8.595908	-0.113545	
0.25000	-7.262110	-0.103506	-7.814462
.000000	-6.446931	-0.084751	
0.50000	-7.262110	-0.103506	-7.814462
.000000	-4.297954	-0.055280	
0.75000	-7.262110	-0.103506	-7.814462
.000000	-2.148977	-0.026821	
1.00000	-7.262110	-0.103506	-7.814462
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	88.781574	0.683005	51.556931
.000000	56.712624	0.750961	
0.25000	88.781574	0.683005	51.556931
.000000	42.534468	0.562873	
0.50000	88.781574	0.683005	51.556931
.000000	28.356312	0.374280	
0.75000	88.781574	0.683005	51.556931
.000000	14.178156	0.185310	
1.00000	88.781574	0.683005	51.556931
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-16.733170	-0.829363	-62.605385
.000000	-68.865924	-0.911855	
0.25000	-16.733170	-0.829363	-62.605385
.000000	-51.649443	-0.683271	
0.50000	-16.733170	-0.829363	-62.605385
.000000	-34.432962	-0.453844	
0.75000	-16.733170	-0.829363	-62.605385
.000000	-17.216481	-0.225747	
1.00000	-16.733170	-0.829363	-62.605385
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5112

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	90.238598	1.042864	78.720191
.000000	86.592210	1.146580	
0.25000	90.238598	1.042864	78.720191
.000000	64.944158	0.859564	
0.50000	90.238598	1.042864	78.720191
.000000	43.296105	0.572092	
0.75000	90.238598	1.042864	78.720191
.000000	21.648053	0.284855	
1.00000	90.238598	1.042864	78.720191
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-105.970492	-0.592989	-44.763059
.000000	-49.239365	-0.651294	
0.25000	-105.970492	-0.592989	-44.763059
.000000	-36.929524	-0.487368	
0.50000	-105.970492	-0.592989	-44.763059
.000000	-24.619683	-0.323357	
0.75000	-105.970492	-0.592989	-44.763059
.000000	-12.309841	-0.159706	
1.00000	-105.970492	-0.592989	-44.763059
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	99.088464	1.730195	130.603043
.000000	143.663348	1.902735	
0.25000	99.088464	1.730195	130.603043
.000000	107.747511	1.426621	
0.50000	99.088464	1.730195	130.603043
.000000	71.831674	0.950139	
0.75000	99.088464	1.730195	130.603043
.000000	35.915837	0.474064	
1.00000	99.088464	1.730195	130.603043
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-347.993740	-0.943762	-71.240546
.000000	-78.364600	-1.037199	
0.25000	-347.993740	-0.943762	-71.240546
.000000	-58.773450	-0.776871	
0.50000	-347.993740	-0.943762	-71.240546
.000000	-39.182300	-0.516315	
0.75000	-347.993740	-0.943762	-71.240546
.000000	-19.591150	-0.255707	
1.00000	-347.993740	-0.943762	-71.240546
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	81.379208	1.637521	123.606753
.000000	135.967428	1.801267	
0.25000	81.379208	1.637521	123.606753
.000000	101.975571	1.350950	
0.50000	81.379208	1.637521	123.606753
.000000	67.983714	0.900637	
0.75000	81.379208	1.637521	123.606753
.000000	33.991857	0.450318	
1.00000	81.379208	1.637521	123.606753
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-727.323816	-1.714874	-129.445724
.000000	-142.390296	-1.886296	
0.25000	-727.323816	-1.714874	-129.445724
.000000	-106.792722	-1.414712	
0.50000	-727.323816	-1.714874	-129.445724
.000000	-71.195148	-0.943148	
0.75000	-727.323816	-1.714874	-129.445724
.000000	-35.597574	-0.471521	
1.00000	-727.323816	-1.714874	-129.445724
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5113

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	101.706589	1.730195	130.603043
.000000	143.663348	1.902735	
0.25000	101.706589	1.730195	130.603043
.000000	107.747511	1.426621	
0.50000	101.706589	1.730195	130.603043
.000000	71.831674	0.950139	
0.75000	101.706589	1.730195	130.603043
.000000	35.915837	0.474064	
1.00000	101.706589	1.730195	130.603043
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-794.987194	-2.112221	-159.440597
.000000	-175.384657	-2.322463	
0.25000	-794.987194	-2.112221	-159.440597
.000000	-131.538493	-1.740887	
0.50000	-794.987194	-2.112221	-159.440597
.000000	-87.692329	-1.159382	
0.75000	-794.987194	-2.112221	-159.440597
.000000	-43.846164	-0.576949	
1.00000	-794.987194	-2.112221	-159.440597
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	101.706589	1.730195	130.603043
.000000	143.663348	1.902735	
0.25000	101.706589	1.730195	130.603043
.000000	107.747511	1.426621	
0.50000	101.706589	1.730195	130.603043
.000000	71.831674	0.950139	
0.75000	101.706589	1.730195	130.603043
.000000	35.915837	0.474064	
1.00000	101.706589	1.730195	130.603043
.000000	.000000	.000000	

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-794.987194	-2.112221	-159.440597
.000000	-175.384657	-2.322463	
0.25000	-794.987194	-2.112221	-159.440597
.000000	-131.538493	-1.740887	
0.50000	-794.987194	-2.112221	-159.440597
.000000	-87.692329	-1.159382	
0.75000	-794.987194	-2.112221	-159.440597
.000000	-43.846164	-0.576949	
1.00000	-794.987194	-2.112221	-159.440597
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	101.706589	1.730195	130.603043
.000000	143.663348	1.902735	
0.25000	101.706589	1.730195	130.603043
.000000	107.747511	1.426621	
0.50000	101.706589	1.730195	130.603043
.000000	71.831674	0.950139	
0.75000	101.706589	1.730195	130.603043
.000000	35.915837	0.474064	
1.00000	101.706589	1.730195	130.603043
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-794.987194	-2.112221	-159.440597
.000000	-175.384657	-2.322463	
0.25000	-794.987194	-2.112221	-159.440597
.000000	-131.538493	-1.740887	
0.50000	-794.987194	-2.112221	-159.440597
.000000	-87.692329	-1.159382	
0.75000	-794.987194	-2.112221	-159.440597
.000000	-43.846164	-0.576949	
1.00000	-794.987194	-2.112221	-159.440597
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5114

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 501 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	42.433672	2.036682	23.277883
.000000	27.933460	2.444019	
0.25000	42.433672	2.036682	23.277883
.000000	20.950095	1.833014	
0.50000	42.433672	2.036682	23.277883
.000000	13.966730	1.222009	
0.75000	42.433672	2.036682	23.277883
.000000	6.983365	0.611005	
1.00000	42.433672	2.036682	23.277883
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-586.193664	-0.729910	-64.952721
.000000	-77.943265	-0.875892	
0.25000	-586.193664	-0.729910	-64.952721
.000000	-58.457449	-0.656919	
0.50000	-586.193664	-0.729910	-64.952721
.000000	-38.971633	-0.437946	
0.75000	-586.193664	-0.729910	-64.952721
.000000	-19.485816	-0.218973	
1.00000	-586.193664	-0.729910	-64.952721
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	71.401191	2.290029	139.051863
.000000	166.862235	2.748035	
0.25000	71.401191	2.290029	139.051863
.000000	125.146677	2.061026	
0.50000	71.401191	2.290029	139.051863
.000000	83.431118	1.374018	
0.75000	71.401191	2.290029	139.051863
.000000	41.715559	0.687009	
1.00000	71.401191	2.290029	139.051863
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-795.883787	-4.360164	-73.032318
.000000	-87.638782	-5.232196	
0.25000	-795.883787	-4.360164	-73.032318
.000000	-65.729087	-3.924147	
0.50000	-795.883787	-4.360164	-73.032318
.000000	-43.819391	-2.616098	
0.75000	-795.883787	-4.360164	-73.032318
.000000	-21.909696	-1.308045	
1.00000	-795.883787	-4.360164	-73.032318
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	83.800372	2.229662	115.289659
.000000	138.347591	2.675594	
0.25000	83.800372	2.229662	115.289659
.000000	103.760693	2.066696	
0.50000	83.800372	2.229662	115.289659
.000000	69.173796	1.337797	
0.75000	83.800372	2.229662	115.289659
.000000	34.586898	0.668875	
1.00000	83.800372	2.229662	115.289659
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-779.120055	-3.615067	-71.107116
.000000	-85.328539	-4.338080	
0.25000	-779.120005	-3.615067	-71.107116
.000000	-63.996405	-3.253560	
0.50000	-779.120005	-3.615067	-71.107116
.000000	-42.664270	-2.169040	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5115

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-779.120005	-3.615067	-71.107116
.000000	-21.332135	-1.084520	
1.00000	-779.120005	-3.615067	-71.107116
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	109.280364	3.802680	110.549682
.000000	132.659618	4.563216	
0.25000	109.280364	3.802680	110.549682
.000000	99.494714	3.422412	
0.50000	109.280364	3.802680	110.549682
.000000	66.329809	2.281608	
0.75000	109.280364	3.802680	110.549682
.000000	33.164905	1.140795	
1.00000	109.280364	3.802680	110.549682
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-656.183900	-3.466438	-121.272905
.000000	-145.527486	-4.159726	
0.25000	-656.183900	-3.466438	-121.272905
.000000	-109.145614	-3.119792	
0.50000	-656.183900	-3.466438	-121.272905
.000000	-72.763743	-2.079861	
0.75000	-656.183900	-3.466438	-121.272905
.000000	-36.381871	-1.039931	
1.00000	-656.183900	-3.466438	-121.272905
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	29.679582	0.340423	127.489804
.000000	152.987765	0.408508	
0.25000	29.679582	0.340423	127.489804
.000000	114.740824	0.306381	
0.50000	29.679582	0.340423	127.489804
.000000	76.493883	0.204254	
0.75000	29.679582	0.340423	127.489804
.000000	38.246941	0.102125	
1.00000	29.679582	0.340423	127.489804
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-163.277528	-3.997619	-10.856579
.000000	-13.027895	-4.797143	
0.25000	-163.277528	-3.997619	-10.856579
.000000	-9.770921	-3.597857	
0.50000	-163.277528	-3.997619	-10.856579
.000000	-6.513947	-2.398572	
0.75000	-163.277528	-3.997619	-10.856579
.000000	-3.256974	-1.199278	
1.00000	-163.277528	-3.997619	-10.856579
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	71.662788	1.972596	111.936084
.000000	134.323301	2.367116	
0.25000	71.662788	1.972596	111.936084
.000000	100.742476	1.775337	
0.50000	71.662788	1.972596	111.936084
.000000	67.161651	1.183558	
0.75000	71.662788	1.972596	111.936084
.000000	33.580825	0.591754	
1.00000	71.662788	1.972596	111.936084
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-199.239771	-3.509911	-62.908927
.000000	-75.490713	-4.211893	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5116

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	-199.239771	-3.509911	-62.908927
.000000	-56.618034	-3.158920	
0.50000	-199.239771	-3.509911	-62.908927
.000000	-37.745356	-2.105947	
0.75000	-199.239771	-3.509911	-62.908927
.000000	-18.872678	-1.052973	
1.00000	-199.239771	-3.509911	-62.908927
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	97.152388	2.638541	148.168158
.000000	177.801790	3.166249	
0.25000	97.152388	2.638541	148.168158
.000000	133.351342	2.374687	
0.50000	97.152388	2.638541	148.168158
.000000	88.900895	1.583124	
0.75000	97.152388	2.638541	148.168158
.000000	44.450447	0.791539	
1.00000	97.152388	2.638541	148.168158
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-576.845673	-4.646018	-84.146846
.000000	-100.976216	-5.575221	
0.25000	-576.845673	-4.646018	-84.146846
.000000	-75.732162	-4.181372	
0.50000	-576.845673	-4.646018	-84.146846
.000000	-50.488108	-2.787581	
0.75000	-576.845673	-4.646018	-84.146846
.000000	-25.244054	-1.393791	
1.00000	-576.845673	-4.646018	-84.146846
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	99.154198	2.750795	141.355102
.000000	169.626122	3.300954	
0.25000	99.154198	2.750795	141.355102
.000000	127.219592	2.475715	
0.50000	99.154198	2.750795	141.355102
.000000	84.813061	1.650477	
0.75000	99.154198	2.750795	141.355102
.000000	42.406531	0.825219	
1.00000	99.154198	2.750795	141.355102
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-485.188481	-4.432385	-87.726788
.000000	-105.272145	-5.318862	
0.25000	-485.188481	-4.432385	-87.726788
.000000	-78.954109	-3.989110	
0.50000	-485.188481	-4.432385	-87.726788
.000000	-52.636073	-2.659407	
0.75000	-485.188481	-4.432385	-87.726788
.000000	-26.318036	-1.329703	
1.00000	-485.188481	-4.432385	-87.726788
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	26.095975	0.304872	32.309559
.000000	38.771471	0.365847	
0.25000	26.095975	0.304872	32.309559
.000000	29.078603	0.274385	
0.50000	26.095975	0.304872	32.309559
.000000	19.385735	0.182912	
0.75000	26.095975	0.304872	32.309559
.000000	9.692868	0.091421	
1.00000	26.095975	0.304872	32.309559
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5117

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.894590	-1.013111	-9.722808
.000000	-11.667369	-1.215733	
0.25000	-7.894590	-1.013111	-9.722808
.000000	-8.750527	-0.911800	
0.50000	-7.894590	-1.013111	-9.722808
.000000	-5.833685	-0.607867	
0.75000	-7.894590	-1.013111	-9.722808
.000000	-2.916842	-0.303932	
1.00000	-7.894590	-1.013111	-9.722808
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	85.229114	3.081303	49.131062
.000000	58.957275	3.697563	
0.25000	85.229114	3.081303	49.131062
.000000	44.217956	2.773173	
0.50000	85.229114	3.081303	49.131062
.000000	29.478637	1.848763	
0.75000	85.229114	3.081303	49.131062
.000000	14.739319	0.924300	
1.00000	85.229114	3.081303	49.131062
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-29.199480	-1.540572	-98.267160
.000000	-117.920592	-1.848687	
0.25000	-29.199480	-1.540572	-98.267160
.000000	-88.440444	-1.386515	
0.50000	-29.199480	-1.540572	-98.267160
.000000	-58.960296	-0.924343	
0.75000	-29.199480	-1.540572	-98.267160
.000000	-29.480148	-0.462165	
1.00000	-29.199480	-1.540572	-98.267160
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	80.928151	1.785390	77.921446
.000000	93.505736	2.142468	
0.25000	80.928151	1.785390	77.921446
.000000	70.129302	1.606851	
0.50000	80.928151	1.785390	77.921446
.000000	46.752868	1.071217	
0.75000	80.928151	1.785390	77.921446
.000000	23.376434	0.535512	
1.00000	80.928151	1.785390	77.921446
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-125.906667	-2.443335	-56.938643
.000000	-68.326372	-2.932002	
0.25000	-125.906667	-2.443335	-56.938643
.000000	-51.244779	-2.199001	
0.50000	-125.906667	-2.443335	-56.938643
.000000	-34.163186	-1.466001	
0.75000	-125.906667	-2.443335	-56.938643
.000000	-17.081593	-0.733000	
1.00000	-125.906667	-2.443335	-56.938643
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	93.041022	1.906285	163.101829
.000000	195.722194	2.287542	
0.25000	93.041022	1.906285	163.101829
.000000	146.791646	1.715656	
0.50000	93.041022	1.906285	163.101829
.000000	97.861097	1.143756	
0.75000	93.041022	1.906285	163.101829
.000000	48.930549	0.571798	
1.00000	93.041022	1.906285	163.101829
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5118

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-360.578400	-5.114284	-60.794149
.000000	-72.952979	-6.137140	
0.25000	-360.578400	-5.114284	-60.794149
.000000	-54.717734	-4.602855	
0.50000	-360.578400	-5.114284	-60.794149
.000000	-36.476490	-3.068570	
0.75000	-360.578400	-5.114284	-60.794149
.000000	-18.238245	-1.534269	
1.00000	-360.578400	-5.114284	-60.794149
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	59.803274	4.191149	31.555278
.000000	37.866334	5.029379	
0.25000	59.803274	4.191149	31.555278
.000000	28.399751	3.772056	
0.50000	59.803274	4.191149	31.555278
.000000	18.933167	2.514604	
0.75000	59.803274	4.191149	31.555278
.000000	9.466584	1.257036	
1.00000	59.803274	4.191149	31.555278
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1178.859	-0.989459	-133.661755
.000000	-160.394106	-1.187351	
0.25000	-1178.859	-0.989459	-133.661755
.000000	-120.295579	-0.890506	
0.50000	-1178.859	-0.989459	-133.661755
.000000	-80.197053	-0.593701	
0.75000	-1178.859	-0.989459	-133.661755
.000000	-40.098526	-0.296839	
1.00000	-1178.859	-0.989459	-133.661755
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	100.408169	4.201018	189.642175
.000000	227.570610	5.041176	
0.25000	100.408169	4.201018	189.642175
.000000	170.677958	3.780915	
0.50000	100.408169	4.201018	189.642175
.000000	113.785305	2.520470	
0.75000	100.408169	4.201018	189.642175
.000000	56.892653	1.259911	
1.00000	100.408169	4.201018	189.642175
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.467	-5.946493	-133.976486
.000000	-160.771783	-7.135794	
0.25000	-1638.467	-5.946493	-133.976486
.000000	-120.578837	-5.351865	
0.50000	-1638.467	-5.946493	-133.976486
.000000	-80.385892	-3.567924	
0.75000	-1638.467	-5.946493	-133.976486
.000000	-40.192946	-1.783926	
1.00000	-1638.467	-5.946493	-133.976486
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	120.696846	4.189603	173.766960
.000000	208.520352	5.027398	
0.25000	120.696846	4.189603	173.766960
.000000	156.390264	3.770502	
0.50000	120.696846	4.189603	173.766960
.000000	104.260176	2.513500	
0.75000	120.696846	4.189603	173.766960
.000000	52.130088	1.256112	
1.00000	120.696846	4.189603	173.766960
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5119

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1584.720	-5.448704	-133.612447
.000000	-160.334937	-6.538401	
0.25000	-1584.720	-5.448704	-133.612447
.000000	-120.251202	-4.903755	
0.50000	-1584.720	-5.448704	-133.612447
.000000	-80.167468	-3.269183	
0.75000	-1584.720	-5.448704	-133.612447
.000000	-40.083734	-1.634423	
1.00000	-1584.720	-5.448704	-133.612447
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	160.415579	5.604914	165.381870
.000000	198.458244	6.725763	
0.25000	160.415579	5.604914	165.381870
.000000	148.843683	5.044254	
0.50000	160.415579	5.604914	165.381870
.000000	99.229122	3.362635	
0.75000	160.415579	5.604914	165.381870
.000000	49.614561	1.680604	
1.00000	160.415579	5.604914	165.381870
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1330.183	-5.185777	-178.748730
.000000	-214.498476	-6.222899	
0.25000	-1330.183	-5.185777	-178.748730
.000000	-160.873857	-4.667174	
0.50000	-1330.183	-5.185777	-178.748730
.000000	-107.249238	-3.111466	
0.75000	-1330.183	-5.185777	-178.748730
.000000	-53.624619	-1.555551	
1.00000	-1330.183	-5.185777	-178.748730
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	41.712999	0.519458	180.465947
.000000	216.559136	0.623349	
0.25000	41.712999	0.519458	180.465947
.000000	162.419352	0.467512	
0.50000	41.712999	0.519458	180.465947
.000000	108.279568	0.311665	
0.75000	41.712999	0.519458	180.465947
.000000	54.139784	0.155641	
1.00000	41.712999	0.519458	180.465947
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-364.591657	-5.658760	-16.566253
.000000	-19.879504	-6.790511	
0.25000	-364.591657	-5.658760	-16.566253
.000000	-14.909628	-5.092884	
0.50000	-364.591657	-5.658760	-16.566253
.000000	-9.939752	-3.395261	
0.75000	-364.591657	-5.658760	-16.566253
.000000	-4.969876	-1.697561	
1.00000	-364.591657	-5.658760	-16.566253
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	97.208976	2.397231	161.819436
.000000	194.183323	2.876578	
0.25000	97.208976	2.397231	161.819436
.000000	145.637492	2.157343	
0.50000	97.208976	2.397231	161.819436
.000000	97.091661	1.438177	
0.75000	97.208976	2.397231	161.819436
.000000	48.545831	0.719011	
1.00000	97.208976	2.397231	161.819436
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5120

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-415.521619	-5.074072	-76.451146
.000000	-91.741375	-6.088901	
0.25000	-415.521619	-5.074072	-76.451146
.000000	-68.806031	-4.566591	
0.50000	-415.521619	-5.074072	-76.451146
.000000	-45.870688	-3.044386	
0.75000	-415.521619	-5.074072	-76.451146
.000000	-22.935344	-1.522029	
1.00000	-415.521619	-5.074072	-76.451146
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	133.795407	3.579074	204.003406
.000000	244.804087	4.294797	
0.25000	133.795407	3.579074	204.003406
.000000	183.603065	3.220985	
0.50000	133.795407	3.579074	204.003406
.000000	122.402043	2.147221	
0.75000	133.795407	3.579074	204.003406
.000000	61.201022	1.072921	
1.00000	133.795407	3.579074	204.003406
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1182.276	-6.396809	-114.141793
.000000	-136.970151	-7.676125	
0.25000	-1182.276	-6.396809	-114.141793
.000000	-102.727614	-5.757044	
0.50000	-1182.276	-6.396809	-114.141793
.000000	-68.485076	-3.837978	
0.75000	-1182.276	-6.396809	-114.141793
.000000	-34.242538	-1.918912	
1.00000	-1182.276	-6.396809	-114.141793
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	153.763809	3.719695	196.409671
.000000	235.691605	4.463496	
0.25000	153.763809	3.719695	196.409671
.000000	176.768703	3.347471	
0.50000	153.763809	3.719695	196.409671
.000000	117.845802	2.231438	
0.75000	153.763809	3.719695	196.409671
.000000	58.922901	1.115022	
1.00000	153.763809	3.719695	196.409671
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-990.252904	-6.158697	-118.626400
.000000	-142.351680	-7.390477	
0.25000	-990.252904	-6.158697	-118.626400
.000000	-106.763760	-5.542783	
0.50000	-990.252904	-6.158697	-118.626400
.000000	-71.175840	-3.695111	
0.75000	-990.252904	-6.158697	-118.626400
.000000	-35.587920	-1.847249	
1.00000	-990.252904	-6.158697	-118.626400
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	54.655078	0.487698	61.044913
.000000	73.253896	0.585137	
0.25000	54.655078	0.487698	61.044913
.000000	54.940422	0.438851	
0.50000	54.655078	0.487698	61.044913
.000000	36.626948	0.292411	
0.75000	54.655078	0.487698	61.044913
.000000	18.313474	0.145961	
1.00000	54.655078	0.487698	61.044913
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5121

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-11.801167	-1.914148	-15.553387
.000000	-18.664064	-2.296945	
0.25000	-11.801167	-1.914148	-15.553387
.000000	-13.998048	-1.722769	
0.50000	-11.801167	-1.914148	-15.553387
.000000	-9.332032	-1.148368	
0.75000	-11.801167	-1.914148	-15.553387
.000000	-4.666016	-0.574136	
1.00000	-11.801167	-1.914148	-15.553387
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	133.810911	3.699366	78.396620
.000000	94.075944	4.439174	
0.25000	133.810911	3.699366	78.396620
.000000	70.556958	3.329311	
0.50000	133.810911	3.699366	78.396620
.000000	47.037972	2.219349	
0.75000	133.810911	3.699366	78.396620
.000000	23.518986	1.109168	
1.00000	133.810911	3.699366	78.396620
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-44.085745	-2.458235	-117.978068
.000000	-141.573681	-2.949907	
0.25000	-44.085745	-2.458235	-117.978068
.000000	-106.180261	-2.212437	
0.50000	-44.085745	-2.458235	-117.978068
.000000	-70.786841	-1.474803	
0.75000	-44.085745	-2.458235	-117.978068
.000000	-35.393420	-0.737301	
1.00000	-44.085745	-2.458235	-117.978068
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	135.503136	2.615286	134.920433
.000000	161.904520	3.138245	
0.25000	135.503136	2.615286	134.920433
.000000	121.428390	2.353517	
0.50000	135.503136	2.615286	134.920433
.000000	80.952260	1.568876	
0.75000	135.503136	2.615286	134.920433
.000000	40.476130	0.783724	
1.00000	135.503136	2.615286	134.920433
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-244.990290	-4.230617	-83.405226
.000000	-100.086272	-5.076732	
0.25000	-244.990290	-4.230617	-83.405226
.000000	-75.064704	-3.807515	
0.50000	-244.990290	-4.230617	-83.405226
.000000	-50.043136	-2.538187	
0.75000	-244.990290	-4.230617	-83.405226
.000000	-25.021568	-1.268706	
1.00000	-244.990290	-4.230617	-83.405226
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	149.419858	2.890476	230.848083
.000000	277.017700	3.468463	
0.25000	149.419858	2.890476	230.848083
.000000	207.763275	2.601210	
0.50000	149.419858	2.890476	230.848083
.000000	138.508850	1.734028	
0.75000	149.419858	2.890476	230.848083
.000000	69.254425	0.866283	
1.00000	149.419858	2.890476	230.848083
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5122

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-742.942061	-7.238561	-92.181411
.000000	-110.617693	-8.686279	
0.25000	-742.942061	-7.238561	-92.181411
.000000	-82.963270	-6.514719	
0.50000	-742.942061	-7.238561	-92.181411
.000000	-55.308846	-4.342970	
0.75000	-742.942061	-7.238561	-92.181411
.000000	-27.654423	-2.171276	
1.00000	-742.942061	-7.238561	-92.181411
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	109.280364	3.802680	163.101829
.000000	195.722194	4.563216	
0.25000	109.280364	3.802680	163.101829
.000000	146.791646	3.422412	
0.50000	109.280364	3.802680	163.101829
.000000	97.861097	2.281608	
0.75000	109.280364	3.802680	163.101829
.000000	48.930549	1.140785	
1.00000	109.280364	3.802680	163.101829
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-795.883787	-5.114284	-121.272905
.000000	-145.527486	-6.137140	
0.25000	-795.883787	-5.114284	-121.272905
.000000	-109.145614	-4.602855	
0.50000	-795.883787	-5.114284	-121.272905
.000000	-72.763743	-3.068570	
0.75000	-795.883787	-5.114284	-121.272905
.000000	-36.381871	-1.534269	
1.00000	-795.883787	-5.114284	-121.272905
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	160.415579	5.604914	230.848083
.000000	277.017700	6.725763	
0.25000	160.415579	5.604914	230.848083
.000000	207.763275	5.044254	
0.50000	160.415579	5.604914	230.848083
.000000	138.508850	3.362635	
0.75000	160.415579	5.604914	230.848083
.000000	69.254425	1.680604	
1.00000	160.415579	5.604914	230.848083
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.467	-7.238561	-178.748730
.000000	-214.498476	-8.686279	
0.25000	-1638.467	-7.238561	-178.748730
.000000	-160.873857	-6.514719	
0.50000	-1638.467	-7.238561	-178.748730
.000000	-107.249238	-4.342970	
0.75000	-1638.467	-7.238561	-178.748730
.000000	-53.624619	-2.171276	
1.00000	-1638.467	-7.238561	-178.748730
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	160.415579	5.604914	230.848083
.000000	277.017700	6.725763	
0.25000	160.415579	5.604914	230.848083
.000000	207.763275	5.044254	
0.50000	160.415579	5.604914	230.848083
.000000	138.508850	3.362635	
0.75000	160.415579	5.604914	230.848083
.000000	69.254425	1.680604	
1.00000	160.415579	5.604914	230.848083
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5123

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.467	-7.238561	-178.748730
.000000	-214.498476	-8.686279	
0.25000	-1638.467	-7.238561	-178.748730
.000000	-160.873857	-6.514719	
0.50000	-1638.467	-7.238561	-178.748730
.000000	-107.249238	-4.342970	
0.75000	-1638.467	-7.238561	-178.748730
.000000	-53.624619	-2.171276	
1.00000	-1638.467	-7.238561	-178.748730
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	160.415579	5.604914	230.848083
.000000	277.017700	6.725763	
0.25000	160.415579	5.604914	230.848083
.000000	207.763275	5.044254	
0.50000	160.415579	5.604914	230.848083
.000000	138.508850	3.362635	
0.75000	160.415579	5.604914	230.848083
.000000	69.254425	1.680604	
1.00000	160.415579	5.604914	230.848083
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.467	-7.238561	-178.748730
.000000	-214.498476	-8.686279	
0.25000	-1638.467	-7.238561	-178.748730
.000000	-160.873857	-6.514719	
0.50000	-1638.467	-7.238561	-178.748730
.000000	-107.249238	-4.342970	
0.75000	-1638.467	-7.238561	-178.748730
.000000	-53.624619	-2.171276	
1.00000	-1638.467	-7.238561	-178.748730
.000000	.000000	.000000	

ELEM 502 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	50.516079	.000000	9.893604
.000000	11.872325	.000000	
0.25000	50.516079	.000000	9.893604
.000000	8.904244	.000000	
0.50000	50.516079	.000000	9.893604
.000000	5.936163	.000000	
0.75000	50.516079	.000000	9.893604
.000000	2.968081	.000000	
1.00000	50.516079	.000000	9.893604
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-584.437261	.000000	-49.302385
.000000	-59.162862	.000000	
0.25000	-584.437261	.000000	-49.302385
.000000	-44.372147	.000000	
0.50000	-584.437261	.000000	-49.302385
.000000	-29.581431	.000000	
0.75000	-584.437261	.000000	-49.302385
.000000	-14.790716	.000000	
1.00000	-584.437261	.000000	-49.302385
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	85.473759	.000000	123.983136
.000000	148.779764	.000000	
0.25000	85.473759	.000000	123.983136
.000000	111.584823	.000000	
0.50000	85.473759	.000000	123.983136
.000000	74.389882	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5124

FRAME ELEMENT INTERNAL FORCES

REL DIST	P	V2	V3
T	M2	M3	
0.75000	85.473759	.000000	123.983136
.000000	37.194941	.000000	
1.00000	85.473759	.000000	123.983136
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-786.870766	.000000	-47.134827
.000000	-56.561792	.000000	
0.25000	-786.870766	.000000	-47.134827
.000000	-42.421344	.000000	
0.50000	-786.870766	.000000	-47.134827
.000000	-28.280896	.000000	
0.75000	-786.870766	.000000	-47.134827
.000000	-14.140448	.000000	
1.00000	-786.870766	.000000	-47.134827
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	102.400956	.000000	89.221244
.000000	107.065493	.000000	
0.25000	102.400956	.000000	89.221244
.000000	80.299120	.000000	
0.50000	102.400956	.000000	89.221244
.000000	53.532747	.000000	
0.75000	102.400956	.000000	89.221244
.000000	26.766373	.000000	
1.00000	102.400956	.000000	89.221244
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-754.957167	.000000	-42.088265
.000000	-50.505918	.000000	
0.25000	-754.957167	.000000	-42.088265
.000000	-37.879438	.000000	
0.50000	-754.957167	.000000	-42.088265
.000000	-25.252959	.000000	
0.75000	-754.957167	.000000	-42.088265
.000000	-12.626479	.000000	
1.00000	-754.957167	.000000	-42.088265
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	124.051867	.000000	82.830838
.000000	99.397005	.000000	
0.25000	124.051867	.000000	82.830838
.000000	74.547754	.000000	
0.50000	124.051867	.000000	82.830838
.000000	49.698503	.000000	
0.75000	124.051867	.000000	82.830838
.000000	24.849251	.000000	
1.00000	124.051867	.000000	82.830838
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-634.744172	.000000	-97.909027
.000000	-117.490833	.000000	
0.25000	-634.744172	.000000	-97.909027
.000000	-88.118124	.000000	
0.50000	-634.744172	.000000	-97.909027
.000000	-58.745416	.000000	
0.75000	-634.744172	.000000	-97.909027
.000000	-29.372708	.000000	
1.00000	-634.744172	.000000	-97.909027
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	36.617063	.000000	128.392870

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 36.617063 .000000 128.392870
.000000 115.553583 .000000
0.50000 36.617063 .000000 128.392870
.000000 77.035722 .000000
0.75000 36.617063 .000000 128.392870
.000000 38.517861 .000000
1.00000 36.617063 .000000 128.392870
.000000 .000000 .000000

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -148.729021 .000000 -1.002769
.000000 -1.203322 .000000
0.25000 -148.729021 .000000 -1.002769
.000000 -0.902492 .000000
0.50000 -148.729021 .000000 -1.002769
.000000 -0.601661 .000000
0.75000 -148.729021 .000000 -1.002769
.000000 -0.300831 .000000
1.00000 -148.729021 .000000 -1.002769
.000000 .000000 .000000

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 82.697063 .000000 96.544697
.000000 115.853636 .000000
0.25000 82.697063 .000000 96.544697
.000000 86.890227 .000000
0.50000 82.697063 .000000 96.544697
.000000 57.926818 .000000
0.75000 82.697063 .000000 96.544697
.000000 28.963409 .000000
1.00000 82.697063 .000000 96.544697
.000000 .000000 .000000

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -171.211111 .000000 -50.394571
.000000 -60.473485 .000000
0.25000 -171.211111 .000000 -50.394571
.000000 -45.355114 .000000
0.50000 -171.211111 .000000 -50.394571
.000000 -30.236742 .000000
0.75000 -171.211111 .000000 -50.394571
.000000 -15.118371 .000000
1.00000 -171.211111 .000000 -50.394571
.000000 .000000 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 113.382134 .000000 132.005375
.000000 158.409150 .000000
0.25000 113.382134 .000000 132.005375
.000000 118.804838 .000000
0.50000 113.382134 .000000 132.005375
.000000 79.203225 .000000
0.75000 113.382134 .000000 132.005375
.000000 39.601613 .000000
1.00000 113.382134 .000000 132.005375
.000000 .000000 .000000

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -551.136732 .000000 -63.054749
.000000 -75.665699 .000000
0.25000 -551.136732 .000000 -63.054749
.000000 -56.749274 .000000
0.50000 -551.136732 .000000 -63.054749
.000000 -37.832849 .000000
0.75000 -551.136732 .000000 -63.054749
.000000 -18.916425 .000000
1.00000 -551.136732 .000000 -63.054749
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 109.970762 .000000 122.035331
.000000 146.442398 .000000
0.25000 109.970762 .000000 122.035331
.000000 109.831798 .000000
0.50000 109.970762 .000000 122.035331
.000000 73.221199 .000000
0.75000 109.970762 .000000 122.035331
.000000 36.610599 .000000
1.00000 109.970762 .000000 122.035331
.000000 .000000 .000000

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -465.093295 .000000 -70.365197
.000000 -84.432236 .000000
0.25000 -465.093295 .000000 -70.365197
.000000 -63.328677 .000000
0.50000 -465.093295 .000000 -70.365197
.000000 -42.219118 .000000
0.75000 -465.093295 .000000 -70.365197
.000000 -21.109559 .000000
1.00000 -465.093295 .000000 -70.365197
.000000 .000000 .000000

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.881092 .000000 24.350866
.000000 29.221039 .000000
0.25000 20.881092 .000000 24.350866
.000000 21.915779 .000000
0.50000 20.881092 .000000 24.350866
.000000 14.610519 .000000
0.75000 20.881092 .000000 24.350866
.000000 7.305260 .000000
1.00000 20.881092 .000000 24.350866
.000000 .000000 .000000

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.057095 .000000 -9.909166
.000000 -11.890999 .000000
0.25000 -9.057095 .000000 -9.909166
.000000 -8.918249 .000000
0.50000 -9.057095 .000000 -9.909166
.000000 -5.945499 .000000
0.75000 -9.057095 .000000 -9.909166
.000000 -2.972750 .000000
1.00000 -9.057095 .000000 -9.909166
.000000 .000000 .000000

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 79.680379 .000000 33.382304
.000000 40.058764 .000000
0.25000 79.680379 .000000 33.382304
.000000 30.044073 .000000
0.50000 79.680379 .000000 33.382304
.000000 20.029382 .000000
0.75000 79.680379 .000000 33.382304
.000000 10.014691 .000000
1.00000 79.680379 .000000 33.382304
.000000 .000000 .000000

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.601603 .000000 -99.398482
.000000 -119.278179 .000000
0.25000 -23.601603 .000000 -99.398482
.000000 -89.458634 .000000
0.50000 -23.601603 .000000 -99.398482
.000000 -59.639089 .000000
0.75000 -23.601603 .000000 -99.398482
.000000 -29.819545 .000000
1.00000 -23.601603 .000000 -99.398482
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 83.653613 .000000 55.106918
.000000 66.128302 .000000
0.25000 83.653613 .000000 55.106918
.000000 49.596227 .000000
0.50000 83.653613 .000000 55.106918
.000000 33.064151 .000000
0.75000 83.653613 .000000 55.106918
.000000 16.532076 .000000
1.00000 83.653613 .000000 55.106918
.000000 .000000 .000000

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -104.327474 .000000 -48.548250
.000000 -58.257900 .000000
0.25000 -104.327474 .000000 -48.548250
.000000 -43.693425 .000000
0.50000 -104.327474 .000000 -48.548250
.000000 -29.128950 .000000
0.75000 -104.327474 .000000 -48.548250
.000000 -14.564475 .000000
1.00000 -104.327474 .000000 -48.548250
.000000 .000000 .000000

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 100.490616 .000000 143.910071
.000000 172.692086 .000000
0.25000 100.490616 .000000 143.910071
.000000 129.519064 .000000
0.50000 100.490616 .000000 143.910071
.000000 86.346043 .000000
0.75000 100.490616 .000000 143.910071
.000000 43.173021 .000000
1.00000 100.490616 .000000 143.910071
.000000 .000000 .000000

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -340.691332 .000000 -46.751502
.000000 -56.101802 .000000
0.25000 -340.691332 .000000 -46.751502
.000000 -42.076352 .000000
0.50000 -340.691332 .000000 -46.751502
.000000 -28.050901 .000000
0.75000 -340.691332 .000000 -46.751502
.000000 -14.025451 .000000
1.00000 -340.691332 .000000 -46.751502
.000000 .000000 .000000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 110.503499 .000000 16.077574
.000000 139.293389 .000000
0.25000 110.503499 .000000 16.077574
.000000 14.469817 .000000
0.50000 110.503499 .000000 16.077574
.000000 9.646545 .000000
0.75000 110.503499 .000000 16.077574
.000000 4.823272 .000000
1.00000 110.503499 .000000 16.077574
.000000 .000000 .000000

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1139.331 .000000 -117.136029
.000000 -140.563235 .000000
0.25000 -1139.331 .000000 -117.136029
.000000 -105.422426 .000000
0.50000 -1139.331 .000000 -117.136029
.000000 -70.281617 .000000
0.75000 -1139.331 .000000 -117.136029
.000000 -35.140809 .000000
1.00000 -1139.331 .000000 -117.136029
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 185.522907 .000000 164.214622
.000000 197.057547 .000000
0.25000 185.522907 .000000 164.214622
.000000 147.793160 .000000
0.50000 185.522907 .000000 164.214622
.000000 98.528773 .000000
0.75000 185.522907 .000000 164.214622
.000000 49.264387 .000000
1.00000 185.522907 .000000 164.214622
.000000 .000000 .000000

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1578.329 .000000 -101.163270
.000000 -121.395924 .000000
0.25000 -1578.329 .000000 -101.163270
.000000 -91.046943 .000000
0.50000 -1578.329 .000000 -101.163270
.000000 -60.697962 .000000
0.75000 -1578.329 .000000 -101.163270
.000000 -30.348981 .000000
1.00000 -1578.329 .000000 -101.163270
.000000 .000000 .000000

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 224.535786 .000000 134.106407
.000000 160.927688 .000000
0.25000 224.535786 .000000 134.106407
.000000 120.695766 .000000
0.50000 224.535786 .000000 134.106407
.000000 80.463844 .000000
0.75000 224.535786 .000000 134.106407
.000000 40.231922 .000000
1.00000 224.535786 .000000 134.106407
.000000 .000000 .000000

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1517.154 .000000 -97.746022
.000000 -117.295226 .000000
0.25000 -1517.154 .000000 -97.746022
.000000 -87.971419 .000000
0.50000 -1517.154 .000000 -97.746022
.000000 -58.647613 .000000
0.75000 -1517.154 .000000 -97.746022
.000000 -29.323806 .000000
1.00000 -1517.154 .000000 -97.746022
.000000 .000000 .000000

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 259.112649 .000000 123.385438
.000000 148.062526 .000000
0.25000 259.112649 .000000 123.385438
.000000 111.046894 .000000
0.50000 259.112649 .000000 123.385438
.000000 74.031263 .000000
0.75000 259.112649 .000000 123.385438
.000000 37.015631 .000000
1.00000 259.112649 .000000 123.385438
.000000 .000000 .000000

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1274.130 .000000 -149.108806
.000000 -178.930567 .000000
0.25000 -1274.130 .000000 -149.108806
.000000 -134.197925 .000000
0.50000 -1274.130 .000000 -149.108806
.000000 -89.465283 .000000
0.75000 -1274.130 .000000 -149.108806
.000000 -44.732642 .000000
1.00000 -1274.130 .000000 -149.108806
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 78.093790 .000000 168.955896
.000000 202.747075 .000000
0.25000 78.093790 .000000 168.955896
.000000 152.060306 .000000
0.50000 78.093790 .000000 168.955896
.000000 101.373537 .000000
0.75000 78.093790 .000000 168.955896
.000000 50.686769 .000000
1.00000 78.093790 .000000 168.955896
.000000 .000000 .000000

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -343.130902 .000000 -0.902586
.000000 -1.083103 .000000
0.25000 -343.130902 .000000 -0.902586
.000000 -0.812327 .000000
0.50000 -343.130902 .000000 -0.902586
.000000 -0.541551 .000000
0.75000 -343.130902 .000000 -0.902586
.000000 -0.270776 .000000
1.00000 -343.130902 .000000 -0.902586
.000000 .000000 .000000

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 158.799103 .000000 132.175037
.000000 158.610044 .000000
0.25000 158.799103 .000000 132.175037
.000000 118.957533 .000000
0.50000 158.799103 .000000 132.175037
.000000 79.305022 .000000
0.75000 158.799103 .000000 132.175037
.000000 39.652511 .000000
1.00000 158.799103 .000000 132.175037
.000000 .000000 .000000

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -384.525462 .000000 -55.009412
.000000 -66.011294 .000000
0.25000 -384.525462 .000000 -55.009412
.000000 -49.508471 .000000
0.50000 -384.525462 .000000 -55.009412
.000000 -33.005647 .000000
0.75000 -384.525462 .000000 -55.009412
.000000 -16.502824 .000000
1.00000 -384.525462 .000000 -55.009412
.000000 .000000 .000000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 228.554662 .000000 165.108305
.000000 198.129966 .000000
0.25000 228.554662 .000000 165.108305
.000000 148.597475 .000000
0.50000 228.554662 .000000 165.108305
.000000 99.064983 .000000
0.75000 228.554662 .000000 165.108305
.000000 49.532492 .000000
1.00000 228.554662 .000000 165.108305
.000000 .000000 .000000

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1126.957 .000000 -76.997782
.000000 -92.397338 .000000
0.25000 -1126.957 .000000 -76.997782
.000000 -69.298004 .000000
0.50000 -1126.957 .000000 -76.997782
.000000 -46.198669 .000000
0.75000 -1126.957 .000000 -76.997782
.000000 -23.099335 .000000
1.00000 -1126.957 .000000 -76.997782
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 241.651696 .000000 155.323069
.000000 186.387683 .000000
0.25000 241.651696 .000000 155.323069
.000000 139.790762 .000000
0.50000 241.651696 .000000 155.323069
.000000 93.193841 .000000
0.75000 241.651696 .000000 155.323069
.000000 46.596921 .000000
1.00000 241.651696 .000000 155.323069
.000000 .000000 .000000

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -946.275373 .000000 -88.214895
.000000 -105.857874 .000000
0.25000 -946.275373 .000000 -88.214895
.000000 -79.393406 .000000
0.50000 -946.275373 .000000 -88.214895
.000000 -52.928937 .000000
0.75000 -946.275373 .000000 -88.214895
.000000 -26.464469 .000000
1.00000 -946.275373 .000000 -88.214895
.000000 .000000 .000000

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 64.170216 .000000 48.318149
.000000 57.981779 .000000
0.25000 64.170216 .000000 48.318149
.000000 43.486334 .000000
0.50000 64.170216 .000000 48.318149
.000000 28.990889 .000000
0.75000 64.170216 .000000 48.318149
.000000 14.495445 .000000
1.00000 64.170216 .000000 48.318149
.000000 .000000 .000000

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -13.859546 .000000 -16.456951
.000000 -19.748342 .000000
0.25000 -13.859546 .000000 -16.456951
.000000 -14.811256 .000000
0.50000 -13.859546 .000000 -16.456951
.000000 -9.874171 .000000
0.75000 -13.859546 .000000 -16.456951
.000000 -4.937085 .000000
1.00000 -13.859546 .000000 -16.456951
.000000 .000000 .000000

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 161.922968 .000000 53.254533
.000000 63.905440 .000000
0.25000 161.922968 .000000 53.254533
.000000 47.929080 .000000
0.50000 161.922968 .000000 53.254533
.000000 31.952720 .000000
0.75000 161.922968 .000000 53.254533
.000000 15.976360 .000000
1.00000 161.922968 .000000 53.254533
.000000 .000000 .000000

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -41.898916 .000000 -117.182738
.000000 -140.619285 .000000
0.25000 -41.898916 .000000 -117.182738
.000000 -105.464464 .000000
0.50000 -41.898916 .000000 -117.182738
.000000 -70.309643 .000000
0.75000 -41.898916 .000000 -117.182738
.000000 -35.154821 .000000
1.00000 -41.898916 .000000 -117.182738
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 190.655812 .000000 98.034351
.000000 117.641221 .000000
0.25000 190.655812 .000000 98.034351
.000000 88.230916 .000000
0.50000 190.655812 .000000 98.034351
.000000 58.820611 .000000
0.75000 190.655812 .000000 98.034351
.000000 29.410305 .000000
1.00000 190.655812 .000000 98.034351
.000000 .000000 .000000

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -225.949985 .000000 -69.789648
.000000 -83.747578 .000000
0.25000 -225.949985 .000000 -69.789648
.000000 -62.810684 .000000
0.50000 -225.949985 .000000 -69.789648
.000000 -41.873789 .000000
0.75000 -225.949985 .000000 -69.789648
.000000 -20.936895 .000000
1.00000 -225.949985 .000000 -69.789648
.000000 .000000 .000000

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 226.657909 .000000 190.694867
.000000 228.833840 .000000
0.25000 226.657909 .000000 190.694867
.000000 171.625380 .000000
0.50000 226.657909 .000000 190.694867
.000000 114.416920 .000000
0.75000 226.657909 .000000 190.694867
.000000 57.208460 .000000
1.00000 226.657909 .000000 190.694867
.000000 .000000 .000000

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -707.228149 .000000 -66.506147
.000000 -79.807377 .000000
0.25000 -707.228149 .000000 -66.506147
.000000 -59.855532 .000000
0.50000 -707.228149 .000000 -66.506147
.000000 -39.903688 .000000
0.75000 -707.228149 .000000 -66.506147
.000000 -19.951844 .000000
1.00000 -707.228149 .000000 -66.506147
.000000 .000000 .000000

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 124.051867 .000000 143.910071
.000000 172.692086 .000000
0.25000 124.051867 .000000 143.910071
.000000 129.519064 .000000
0.50000 124.051867 .000000 143.910071
.000000 86.346043 .000000
0.75000 124.051867 .000000 143.910071
.000000 43.173021 .000000
1.00000 124.051867 .000000 143.910071
.000000 .000000 .000000

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -786.870766 .000000 -99.398482
.000000 -119.278179 .000000
0.25000 -786.870766 .000000 -99.398482
.000000 -89.458634 .000000

```
 0.50000 -786.870766     .000000   -99.398482
  .000000  -59.639089     .000000
 0.75000 -786.870766     .000000   -99.398482
  .000000  -29.819545     .000000
 1.00000 -786.870766     .000000   -99.398482
  .000000     .000000     .000000
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5132

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  259.112649     .000000   190.694867
  .000000  228.833840     .000000
0.25000  259.112649     .000000   190.694867
  .000000  171.625380     .000000
0.50000  259.112649     .000000   190.694867
  .000000  114.416920     .000000
0.75000  259.112649     .000000   190.694867
  .000000   57.208460     .000000
1.00000  259.112649     .000000   190.694867
  .000000     .000000     .000000

COMB      DL  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1578.329     .000000  -149.108806
  .000000 -178.930567     .000000
0.25000   -1578.329     .000000  -149.108806
  .000000 -134.197925     .000000
0.50000   -1578.329     .000000  -149.108806
  .000000  -89.465283     .000000
0.75000   -1578.329     .000000  -149.108806
  .000000  -44.732642     .000000
1.00000   -1578.329     .000000  -149.108806
  .000000     .000000     .000000

COMB     CAR  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  259.112649     .000000   190.694867
  .000000  228.833840     .000000
0.25000  259.112649     .000000   190.694867
  .000000  171.625380     .000000
0.50000  259.112649     .000000   190.694867
  .000000  114.416920     .000000
0.75000  259.112649     .000000   190.694867
  .000000   57.208460     .000000
1.00000  259.112649     .000000   190.694867
  .000000     .000000     .000000

COMB     CAR  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1578.329     .000000  -149.108806
  .000000 -178.930567     .000000
0.25000   -1578.329     .000000  -149.108806
  .000000 -134.197925     .000000
0.50000   -1578.329     .000000  -149.108806
  .000000  -89.465283     .000000
0.75000   -1578.329     .000000  -149.108806
  .000000  -44.732642     .000000
1.00000   -1578.329     .000000  -149.108806
  .000000     .000000     .000000

COMB  DESIGN  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  259.112649     .000000   190.694867
  .000000  228.833840     .000000
0.25000  259.112649     .000000   190.694867
  .000000  171.625380     .000000
0.50000  259.112649     .000000   190.694867
  .000000  114.416920     .000000
0.75000  259.112649     .000000   190.694867
  .000000   57.208460     .000000
1.00000  259.112649     .000000   190.694867
  .000000     .000000     .000000

COMB  DESIGN  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1578.329     .000000  -149.108806
  .000000 -178.930567     .000000
0.25000   -1578.329     .000000  -149.108806
  .000000 -134.197925     .000000
0.50000   -1578.329     .000000  -149.108806
  .000000  -89.465283     .000000
0.75000   -1578.329     .000000  -149.108806
  .000000  -44.732642     .000000
1.00000   -1578.329     .000000  -149.108806
  .000000     .000000     .000000
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5133

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM      503 ================== LENGTH
=     1.200000

COMB DB-G1-1  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   50.495166   33.272523    7.546613
  .000000    9.055936   39.927027
0.25000   50.495166   33.272523    7.546613
  .000000    6.791952   29.945270
0.50000   50.495166   33.272523    7.546613
  .000000    4.527968   19.963514
0.75000   50.495166   33.272523    7.546613
  .000000    2.263984    9.981757
1.00000   50.495166   33.272523    7.546613
  .000000     .000000     .000000

COMB DB-G1-1  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -584.437754  -31.056496   -48.029639
  .000000  -57.635567   -37.267795
0.25000 -584.437754  -31.056496   -48.029639
  .000000  -43.226675   -27.950846
0.50000 -584.437754  -31.056496   -48.029639
  .000000  -28.817783   -18.633898
0.75000 -584.437754  -31.056496   -48.029639
  .000000  -14.408892    -9.316949
1.00000 -584.437754  -31.056496   -48.029639
  .000000     .000000     .000000

COMB DB-G1-2  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   85.495891   47.319397   121.268597
  .000000  145.522317   56.783276
0.25000   85.495891   47.319397   121.268597
  .000000  109.141737   42.587457
0.50000   85.495891   47.319397   121.268597
  .000000   72.761158   28.391638
0.75000   85.495891   47.319397   121.268597
  .000000   36.380579   14.195819
1.00000   85.495891   47.319397   121.268597
  .000000     .000000     .000000

COMB DB-G1-2  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -786.833110   -44.563435   -43.215576
  .000000  -51.858691   -53.476122
0.25000 -786.833110   -44.563435   -43.215576
  .000000  -38.894018   -40.107091
0.50000 -786.833110   -44.563435   -43.215576
  .000000  -25.929345   -26.738061
0.75000 -786.833110   -44.563435   -43.215576
  .000000  -12.964673   -13.369030
1.00000 -786.833110   -44.563435   -43.215576
  .000000     .000000     .000000

COMB DB-G1-3  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  102.441865   46.332335   86.254306
  .000000  103.505167   55.598802
0.25000  102.441865   46.332335   86.254306
  .000000   77.628876   41.699102
0.50000  102.441865   46.332335   86.254306
  .000000   51.752584   27.799401
0.75000  102.441865   46.332335   86.254306
  .000000   25.876292   13.899701
1.00000  102.441865   46.332335   86.254306
  .000000     .000000     .000000

COMB DB-G1-3  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -754.932266   -45.032357   -38.562971
  .000000  -46.275565   -54.038828
0.25000 -754.932266   -45.032357   -38.562971
  .000000  -34.706674   -40.529121
0.50000 -754.932266   -45.032357   -38.562971
  .000000  -23.137783   -27.019414
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5134

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.75000 -754.932266   -45.032357   -38.562971
  .000000  -11.568891   -13.509707
1.00000 -754.932266   -45.032357   -38.562971
  .000000     .000000     .000000

COMB DB-G1-4  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  124.092579   50.754139   78.919716
  .000000   94.703660   60.904966
0.25000  124.092579   50.754139   78.919716
  .000000   71.027745   45.678725
0.50000  124.092579   50.754139   78.919716
  .000000   47.351830   30.452483
0.75000  124.092579   50.754139   78.919716
  .000000   23.675915   15.226242
1.00000  124.092579   50.754139   78.919716
  .000000     .000000     .000000

COMB DB-G1-4  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -634.750302   -48.675396   -94.367751
  .000000 -113.241301   -58.410475
0.25000 -634.750302   -48.675396   -94.367751
  .000000  -84.930976   -43.807856
0.50000 -634.750302   -48.675396   -94.367751
  .000000  -56.620651   -29.205237
0.75000 -634.750302   -48.675396   -94.367751
  .000000  -28.310325   -14.602619
1.00000 -634.750302   -48.675396   -94.367751
  .000000     .000000     .000000

COMB DB-G2-1  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  36.666131   10.905839   128.327272
  .000000  153.992727   13.087007
0.25000  36.666131   10.905839   128.327272
  .000000  115.494545    9.815255
0.50000  36.666131   10.905839   128.327272
  .000000  76.996363    6.543504
0.75000  36.666131   10.905839   128.327272
  .000000  38.498182    3.271752
1.00000  36.666131   10.905839   128.327272
  .000000     .000000     .000000

COMB DB-G2-1  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -148.680827   -10.031615   -0.863331
  .000000  -11.035997   -9.138938
0.25000 -148.680827   -10.031615   -0.863331
  .000000   -0.776997   -9.028454
0.50000 -148.680827   -10.031615   -0.863331
  .000000   -0.517998   -6.018969
0.75000 -148.680827   -10.031615   -0.863331
  .000000   -0.258999   -3.009485
1.00000 -148.680827   -10.031615   -0.863331
  .000000     .000000     .000000

COMB DB-G2-2  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  82.755599   19.208029   95.389715
  .000000  114.467658   23.049635
0.25000  82.755599   19.208029   95.389715
  .000000  85.850743   17.287226
0.50000  82.755599   19.208029   95.389715
  .000000  57.233829   11.524817
0.75000  82.755599   19.208029   95.389715
  .000000  28.616914    5.762409
1.00000  82.755599   19.208029   95.389715
  .000000     .000000     .000000

COMB DB-G2-2  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -171.207690   -18.555976   -49.606179
  .000000  -59.527414   -22.267172
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5135

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.25000 -171.207690   -18.555976   -49.606179
  .000000  -44.645561   -16.700379
0.50000 -171.207690   -18.555976   -49.606179
  .000000  -29.763707   -11.133586
0.75000 -171.207690   -18.555976   -49.606179
  .000000  -14.881854    -5.566793
1.00000 -171.207690   -18.555976   -49.606179
  .000000     .000000     .000000

COMB DB-G2-3  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  113.441993   38.520147   130.578753
  .000000  156.694504   46.224176
0.25000  113.441993   38.520147   130.578753
  .000000  117.520878   34.668132
0.50000  113.441993   38.520147   130.578753
  .000000   78.347252   23.112088
0.75000  113.441993   38.520147   130.578753
  .000000   39.173626   11.556044
1.00000  113.441993   38.520147   130.578753
  .000000     .000000     .000000

COMB DB-G2-3  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -551.130470   -38.505362   -60.016784
  .000000  -72.020141   -46.206435
0.25000 -551.130470   -38.505362   -60.016784
  .000000  -54.015106   -34.654826
0.50000 -551.130470   -38.505362   -60.016784
  .000000  -36.010070   -23.103217
0.75000 -551.130470   -38.505362   -60.016784
  .000000  -18.005035   -11.551609
1.00000 -551.130470   -38.505362   -60.016784
  .000000     .000000     .000000

COMB DB-G2-4  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  110.169127   44.882676   119.210451
  .000000  143.052541   53.859211
0.25000  110.169127   44.882676   119.210451
  .000000  107.289406   40.394408
0.50000  110.169127   44.882676   119.210451
  .000000   71.526270   26.929606
0.75000  110.169127   44.882676   119.210451
  .000000   35.763135   13.464803
1.00000  110.169127   44.882676   119.210451
  .000000     .000000     .000000

COMB DB-G2-4  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -465.098267   -44.811272   -67.663658
  .000000  -81.196389   -53.773527
0.25000 -465.098267   -44.811272   -67.663658
  .000000  -60.897292   -40.330145
0.50000 -465.098267   -44.811272   -67.663658
  .000000  -40.598195   -26.886763
0.75000 -465.098267   -44.811272   -67.663658
  .000000  -20.299097   -13.443382
1.00000 -465.098267   -44.811272   -67.663658
  .000000     .000000     .000000

COMB DB-G3-1  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  21.222046   19.926918   21.700666
  .000000  26.040199   23.912301
0.25000  21.222046   19.926918   21.700666
  .000000  19.530599   17.934226
0.50000  21.222046   19.926918   21.700666
  .000000  13.020399   11.956151
0.75000  21.222046   19.926918   21.700666
  .000000   6.510200    5.978075
1.00000  21.222046   19.926918   21.700666
  .000000     .000000     .000000
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5136

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -9.073819   -20.635503   -8.308399
  .000000   -9.970078   -24.762603
0.25000   -9.073819   -20.635503   -8.308399
  .000000   -7.477559   -18.571952
0.50000   -9.073819   -20.635503   -8.308399
  .000000   -4.985039   -12.381302
0.75000   -9.073819   -20.635503   -8.308399
  .000000   -2.492520    -6.190651
1.00000   -9.073819   -20.635503   -8.308399
  .000000     .000000     .000000

COMB DB-G3-2  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  80.043131   33.004349   29.404997
  .000000   35.285997   39.605219
0.25000  80.043131   33.004349   29.404997
  .000000   26.464498   29.703914
0.50000  80.043131   33.004349   29.404997
  .000000   17.642998   19.802609
0.75000  80.043131   33.004349   29.404997
  .000000    8.821499    9.901305
1.00000  80.043131   33.004349   29.404997
  .000000     .000000     .000000

COMB DB-G3-2  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -23.662808   -31.823924   -97.493063
  .000000  -16.901975   -38.188709
0.25000  -23.662808   -31.823924   -97.493063
  .000000  -87.743756   -28.641532
0.50000  -23.662808   -31.823924   -97.493063
  .000000  -58.495838   -19.094355
0.75000  -23.662808   -31.823924   -97.493063
  .000000  -29.247919    -9.547177
1.00000  -23.662808   -31.823924   -97.493063
  .000000     .000000     .000000

COMB DB-G3-3  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  84.014537   32.732985   51.369682
  .000000   61.643619   39.279582
0.25000  84.014537   32.732985   51.369682
  .000000   46.232714   29.459687
0.50000  84.014537   32.732985   51.369682
  .000000   30.821809   19.639791
0.75000  84.014537   32.732985   51.369682
  .000000   15.410905    9.819896
1.00000  84.014537   32.732985   51.369682
  .000000     .000000     .000000

COMB DB-G3-3  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -104.353481   -33.413537   -46.456526
  .000000  -55.747832   -40.096244
0.25000 -104.353481   -33.413537   -46.456526
  .000000  -41.810874   -30.072183
0.50000 -104.353481   -33.413537   -46.456526
  .000000  -27.873916   -20.048122
0.75000 -104.353481   -33.413537   -46.456526
  .000000  -13.936958   -10.024061
1.00000 -104.353481   -33.413537   -46.456526
  .000000     .000000     .000000

COMB DB-G3-4  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  100.815680   42.085715   140.615614
  .000000  168.738737   50.502858
0.25000  100.815680   42.085715   140.615614
  .000000  126.554053   37.877143
0.50000  100.815680   42.085715   140.615614
  .000000   84.369369   25.251429
0.75000  100.815680   42.085715   140.615614
  .000000   42.184684   12.625714
1.00000  100.815680   42.085715   140.615614
  .000000     .000000     .000000
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5137

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000 -340.694060   -42.874914   -43.844076
  .000000  -52.612891   -51.449897
0.25000 -340.694060   -42.874914   -43.844076
  .000000  -39.459668   -38.587423
0.50000 -340.694060   -42.874914   -43.844076
  .000000  -26.306446   -25.724948
0.75000 -340.694060   -42.874914   -43.844076
  .000000  -13.153223   -12.862474
1.00000 -340.694060   -42.874914   -43.844076
  .000000     .000000     .000000

COMB DL-G1-1  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  111.109112   50.348068   13.261840
  .000000   15.914208   60.417681
0.25000  111.109112   50.348068   13.261840
  .000000   11.935656   45.313261
0.50000  111.109112   50.348068   13.261840
  .000000    7.957104   30.208841
0.75000  111.109112   50.348068   13.261840
  .000000    3.978552   15.104420
1.00000  111.109112   50.348068   13.261840
  .000000     .000000     .000000

COMB DL-G1-1  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1140.048   -53.602756  -115.701152
  .000000 -138.841383   -64.323307
0.25000   -1140.048   -53.602756  -115.701152
  .000000 -104.131037   -48.242480
0.50000   -1140.048   -53.602756  -115.701152
  .000000  -69.420691   -32.161653
0.75000   -1140.048   -53.602756  -115.701152
  .000000  -34.710346   -16.080827
1.00000   -1140.048   -53.602756  -115.701152
  .000000     .000000     .000000

COMB DL-G1-2  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  186.515442   75.402107   161.804680
  .000000  194.165617   90.482528
0.25000  186.515442   75.402107   161.804680
  .000000  145.624212   67.861896
0.50000  186.515442   75.402107   161.804680
  .000000   97.082808   45.241264
0.75000  186.515442   75.402107   161.804680
  .000000   48.541404   22.620632
1.00000  186.515442   75.402107   161.804680
  .000000     .000000     .000000

COMB DL-G1-2  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1579.277   -72.893887   -97.986544
  .000000 -117.583853   -87.472664
0.25000   -1579.277   -72.893887   -97.986544
  .000000   -88.187890   -65.604498
0.50000   -1579.277   -72.893887   -97.986544
  .000000   -58.791926   -43.736332
0.75000   -1579.277   -72.893887   -97.986544
  .000000   -29.395963   -21.868166
1.00000   -1579.277   -72.893887   -97.986544
  .000000     .000000     .000000

COMB DL-G1-3  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  225.453417   72.046669   130.964372
  .000000  157.157247   86.456602
0.25000  225.453417   72.046669   130.964372
  .000000  117.867935   64.842002
0.50000  225.453417   72.046669   130.964372
  .000000   78.578623   43.228001
0.75000  225.453417   72.046669   130.964372
  .000000   39.289312   21.614001
1.00000  225.453417   72.046669   130.964372
  .000000     .000000     .000000
Program  SAP2000  Nonlinear  Version  7.42
                File:하행S06-S1003.OUT

                        Page
<              MOVING          LOAD              >
                          5138

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1518.045   -69.881457   -94.014763
  .000000 -112.817716   -83.857749
0.25000   -1518.045   -69.881457   -94.014763
  .000000   -84.613287   -62.893312
0.50000   -1518.045   -69.881457   -94.014763
  .000000   -56.408858   -41.928874
0.75000   -1518.045   -69.881457   -94.014763
  .000000   -28.204429   -20.964437
1.00000   -1518.045   -69.881457   -94.014763
  .000000     .000000     .000000

COMB DL-G1-4  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  259.806834   76.745346   119.397929
  .000000  143.277515   92.094415
0.25000  259.806834   76.745346   119.397929
  .000000  107.458136   69.070811
0.50000  259.806834   76.745346   119.397929
  .000000   71.638757   46.047207
0.75000  259.806834   76.745346   119.397929
  .000000   35.819379   23.023604
1.00000  259.806834   76.745346   119.397929
  .000000     .000000     .000000

COMB DL-G1-4  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1274.843   -75.937814  -145.264767
  .000000 -114.317720   -91.125377
0.25000   -1274.843   -75.937814  -145.264767
  .000000 -130.738290   -68.344033
0.50000   -1274.843   -75.937814  -145.264767
  .000000   -87.158860   -45.562689
0.75000   -1274.843   -75.937814  -145.264767
  .000000   -43.579430   -22.781344
1.00000   -1274.843   -75.937814  -145.264767
  .000000     .000000     .000000

COMB DL-G2-1  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000   78.408117   23.116298   169.647396
  .000000  203.576875   27.739558
0.25000   78.408117   23.116298   169.647396
  .000000  152.682656   20.804668
0.50000   78.408117   23.116298   169.647396
  .000000  101.788438   13.869779
0.75000   78.408117   23.116298   169.647396
  .000000   50.894219    6.934889
1.00000   78.408117   23.116298   169.647396
  .000000     .000000     .000000

COMB DL-G2-1  ------------------  MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -343.310613   -16.953595   -0.632879
  .000000   -0.759454   -20.344314
0.25000  -343.310613   -16.953595   -0.632879
  .000000   -0.569591   -15.258235
0.50000  -343.310613   -16.953595   -0.632879
  .000000   -0.379727   -10.172157
0.75000  -343.310613   -16.953595   -0.632879
  .000000   -0.189864    -5.086078
1.00000  -343.310613   -16.953595   -0.632879
  .000000     .000000     .000000

COMB DL-G2-2  ------------------  MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000  159.025303   31.236291   131.232148
```

.000000	157.478577	37.483549	
0.25000	159.025303	31.236291	131.232148
.000000	118.108933	28.112662	
0.50000	159.025303	31.236291	131.232148
.000000	76.739289	18.741775	
0.75000	159.025303	31.236291	131.232148
.000000	39.369644	9.370887	
1.00000	159.025303	31.236291	131.232148
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5139

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-384.699931	-27.391364	-53.447923
.000000	-64.137508	-32.869637	
0.25000	-384.699931	-27.391364	-53.447923
.000000	-48.103131	-24.652228	
0.50000	-384.699931	-27.391364	-53.447923
.000000	-32.068754	-16.434819	
0.75000	-384.699931	-27.391364	-53.447923
.000000	-16.034377	-8.217409	
1.00000	-384.699931	-27.391364	-53.447923
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	229.232046	59.659332	163.106094
.000000	195.727313	71.591198	
0.25000	229.232046	59.659332	163.106094
.000000	146.795484	53.693399	
0.50000	229.232046	59.659332	163.106094
.000000	97.863656	35.795599	
0.75000	229.232046	59.659332	163.106094
.000000	48.931828	17.897800	
1.00000	229.232046	59.659332	163.106094
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1127.582	-55.921942	-73.483120
.000000	-88.179744	-67.106330	
0.25000	-1127.582	-55.921942	-73.483120
.000000	-66.134808	-50.329748	
0.50000	-1127.582	-55.921942	-73.483120
.000000	-44.089872	-33.553165	
0.75000	-1127.582	-55.921942	-73.483120
.000000	-22.044936	-16.776583	
1.00000	-1127.582	-55.921942	-73.483120
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	242.243037	67.218213	152.078198
.000000	182.493838	80.661856	
0.25000	242.243037	67.218213	152.078198
.000000	136.870378	60.496392	
0.50000	242.243037	67.218213	152.078198
.000000	91.246919	40.330928	
0.75000	242.243037	67.218213	152.078198
.000000	45.623459	20.165464	
1.00000	242.243037	67.218213	152.078198
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-946.782814	-63.776301	-84.227203
.000000	-101.072643	-76.531562	
0.25000	-946.782814	-63.776301	-84.227203
.000000	-75.804482	-57.398671	
0.50000	-946.782814	-63.776301	-84.227203
.000000	-50.536322	-38.265781	
0.75000	-946.782814	-63.776301	-84.227203
.000000	-25.268161	-19.132890	
1.00000	-946.782814	-63.776301	-84.227203
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	64.301256	29.630079	45.858697
.000000	55.656095	35.556095	
0.25000	64.301256	29.630079	45.858697
.000000	41.272827	26.667071	
0.50000	64.301256	29.630079	45.858697
.000000	27.515218	17.778047	
0.75000	64.301256	29.630079	45.858697
.000000	13.757609	8.889024	
1.00000	64.301256	29.630079	45.858697
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5140

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-13.853548	-27.639558	-14.018019
.000000	-16.821623	-33.167470	
0.25000	-13.853548	-27.639558	-14.018019
.000000	-12.616217	-24.875602	
0.50000	-13.853548	-27.639558	-14.018019
.000000	-8.410811	-16.583735	
0.75000	-13.853548	-27.639558	-14.018019
.000000	-4.205406	-8.291867	
1.00000	-13.853548	-27.639558	-14.018019
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	161.944470	47.233776	49.302279
.000000	59.162735	56.680531	
0.25000	161.944470	47.233776	49.302279
.000000	44.371851	42.510398	
0.50000	161.944470	47.233776	49.302279
.000000	29.581367	28.340266	
0.75000	161.944470	47.233776	49.302279
.000000	14.790684	14.170133	
1.00000	161.944470	47.233776	49.302279
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-41.865542	-47.183745	-113.914901
.000000	-136.697881	-56.620494	
0.25000	-41.865542	-47.183745	-113.914901
.000000	-102.523411	-42.465370	
0.50000	-41.865542	-47.183745	-113.914901
.000000	-68.348940	-28.310247	
0.75000	-41.865542	-47.183745	-113.914901
.000000	-34.174470	-14.155123	
1.00000	-41.865542	-47.183745	-113.914901
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	190.841046	48.331079	94.287061
.000000	113.144473	57.997295	
0.25000	190.841046	48.331079	94.287061
.000000	84.858355	43.497971	
0.50000	190.841046	48.331079	94.287061
.000000	56.572236	28.998647	
0.75000	190.841046	48.331079	94.287061
.000000	28.286118	14.499324	
1.00000	190.841046	48.331079	94.287061
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-226.015584	-45.437070	-65.920695
.000000	-79.104834	-54.524484	
0.25000	-226.015584	-45.437070	-65.920695
.000000	-59.328625	-40.893363	
0.50000	-226.015584	-45.437070	-65.920695
.000000	-39.552417	-27.262242	
0.75000	-226.015584	-45.437070	-65.920695
.000000	-19.776208	-13.631121	
1.00000	-226.015584	-45.437070	-65.920695
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	227.197402	65.749473	187.402646
.000000	224.883175	78.899368	
0.25000	227.197402	65.749473	187.402646
.000000	168.662381	59.174526	
0.50000	227.197402	65.749473	187.402646
.000000	112.441588	39.449684	
0.75000	227.197402	65.749473	187.402646
.000000	56.220794	19.724842	
1.00000	227.197402	65.749473	187.402646
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5141

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-707.605168	-60.372758	-62.171683
.000000	-74.606019	-72.447309	
0.25000	-707.605168	-60.372758	-62.171683
.000000	-55.954514	-54.335482	
0.50000	-707.605168	-60.372758	-62.171683
.000000	-37.303010	-36.223655	
0.75000	-707.605168	-60.372758	-62.171683
.000000	-18.651505	-18.111827	
1.00000	-707.605168	-60.372758	-62.171683
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	124.092579	50.754139	140.615614
.000000	168.738737	60.904966	
0.25000	124.092579	50.754139	140.615614
.000000	126.554053	45.678725	
0.50000	124.092579	50.754139	140.615614
.000000	84.369369	30.452483	
0.75000	124.092579	50.754139	140.615614
.000000	42.184684	15.226242	
1.00000	124.092579	50.754139	140.615614
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-786.833110	-48.675396	-97.493063
.000000	-116.991675	-58.410475	
0.25000	-786.833110	-48.675396	-97.493063
.000000	-87.743756	-43.807856	
0.50000	-786.833110	-48.675396	-97.493063
.000000	-58.495838	-29.205237	
0.75000	-786.833110	-48.675396	-97.493063
.000000	-29.247919	-14.602619	
1.00000	-786.833110	-48.675396	-97.493063
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	259.806834	76.745346	187.402646
.000000	224.883175	92.094415	
0.25000	259.806834	76.745346	187.402646
.000000	168.662381	69.070811	
0.50000	259.806834	76.745346	187.402646
.000000	112.441588	46.047207	
0.75000	259.806834	76.745346	187.402646
.000000	56.220794	23.023604	
1.00000	259.806834	76.745346	187.402646
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1579.277	-75.937814	-145.264767
.000000	-174.317720	-91.125377	
0.25000	-1579.277	-75.937814	-145.264767
.000000	-130.738290	-68.344033	
0.50000	-1579.277	-75.937814	-145.264767
.000000	-87.158860	-45.562689	
0.75000	-1579.277	-75.937814	-145.264767
.000000	-43.579430	-22.781344	
1.00000	-1579.277	-75.937814	-145.264767
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	259.806834	76.745346	187.402646
.000000	224.883175	92.094415	
0.25000	259.806834	76.745346	187.402646
.000000	168.662381	69.070811	
0.50000	259.806834	76.745346	187.402646
.000000	112.441588	46.047207	
0.75000	259.806834	76.745346	187.402646
.000000	56.220794	23.023604	
1.00000	259.806834	76.745346	187.402646
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5142

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1579.277	-75.937814	-145.264767
.000000	-174.317720	-91.125377	
0.25000	-1579.277	-75.937814	-145.264767
.000000	-130.738290	-68.344033	
0.50000	-1579.277	-75.937814	-145.264767
.000000	-87.158860	-45.562689	
0.75000	-1579.277	-75.937814	-145.264767
.000000	-43.579430	-22.781344	
1.00000	-1579.277	-75.937814	-145.264767
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	259.806834	76.745346	187.402646
.000000	224.883175	92.094415	
0.25000	259.806834	76.745346	187.402646
.000000	168.662381	69.070811	
0.50000	259.806834	76.745346	187.402646
.000000	112.441588	46.047207	
0.75000	259.806834	76.745346	187.402646
.000000	56.220794	23.023604	
1.00000	259.806834	76.745346	187.402646
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1579.277	-75.937814	-145.264767
.000000	-174.317720	-91.125377	
0.25000	-1579.277	-75.937814	-145.264767
.000000	-130.738290	-68.344033	
0.50000	-1579.277	-75.937814	-145.264767
.000000	-87.158860	-45.562689	
0.75000	-1579.277	-75.937814	-145.264767
.000000	-43.579430	-22.781344	
1.00000	-1579.277	-75.937814	-145.264767
.000000	.000000	.000000	

ELEM 504 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	40.826547	2.544481	10.001629
.000000	12.001955	3.053378	
0.25000	40.826547	2.544481	10.001629
.000000	9.001466	2.290033	
0.50000	40.826547	2.544481	10.001629
.000000	6.000977	1.526689	
0.75000	40.826547	2.544481	10.001629
.000000	3.000489	0.763344	
1.00000	40.826547	2.544481	10.001629
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-585.857098	-0.520487	-48.894476
.000000	-58.673371	-0.624585	
0.25000	-585.857098	-0.520487	-48.894476
.000000	-44.005029	-0.468439	
0.50000	-585.857098	-0.520487	-48.894476
.000000	-29.336686	-0.312292	
0.75000	-585.857098	-0.520487	-48.894476
.000000	-14.668343	-0.156146	
1.00000	-585.857098	-0.520487	-48.894476
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	68.914358	2.403450	123.971661
.000000	148.765993	2.884140	
0.25000	68.914358	2.403450	123.971661
.000000	111.574495	2.163105	
0.50000	68.914358	2.403450	123.971661
.000000	74.382997	1.442070	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5143

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-794.879484	-6.451518	-46.184427
.000000	-55.421313	-7.741821	
0.25000	-794.879484	-6.451518	-46.184427
.000000	-41.565984	-5.806366	
0.50000	-794.879484	-6.451518	-46.184427
.000000	-27.710656	-3.870911	
0.75000	-794.879484	-6.451518	-46.184427
.000000	-13.855328	-1.935435	
1.00000	-794.879484	-6.451518	-46.184427
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	81.087529	2.152550	89.113166
.000000	107.066385	2.582460	
0.25000	81.087529	2.152550	89.113166
.000000	80.201850	1.937295	
0.50000	81.087529	2.152550	89.113166
.000000	53.467900	1.291530	
0.75000	81.087529	2.152550	89.113166
.000000	26.733950	0.645765	
1.00000	81.087529	2.152550	89.113166
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-777.174624	-4.637472	-41.363160
.000000	-49.635792	-5.564967	
0.25000	-777.174624	-4.637472	-41.363160
.000000	-37.226844	-4.173725	
0.50000	-777.174624	-4.637472	-41.363160
.000000	-24.817896	-2.782483	
0.75000	-777.174624	-4.637472	-41.363160
.000000	-12.408948	-1.391216	
1.00000	-777.174624	-4.637472	-41.363160
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	107.066385	5.058789	83.888395
.000000	100.666074	6.070561	
0.25000	107.066385	5.058789	83.888395
.000000	75.499555	4.552921	
0.50000	107.066385	5.058789	83.888395
.000000	50.333037	3.035281	
0.75000	107.066385	5.058789	83.888395
.000000	25.166518	1.517625	
1.00000	107.066385	5.058789	83.888395
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-654.114468	-4.365574	-97.209139
.000000	-116.650967	-5.238689	
0.25000	-654.114468	-4.365574	-97.209139
.000000	-87.488225	-3.929017	
0.50000	-654.114468	-4.365574	-97.209139
.000000	-58.325483	-2.619344	
0.75000	-654.114468	-4.365574	-97.209139
.000000	-29.162742	-1.309657	
1.00000	-654.114468	-4.365574	-97.209139
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.827009	0.031253	128.240935
.000000	153.889122	0.037504	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5144

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	28.827009	0.031253	128.240935
.000000	115.416842	0.028128	
0.50000	28.827009	0.031253	128.240935
.000000	76.944561	0.018752	
0.75000	28.827009	0.031253	128.240935
.000000	38.472281	0.009376	
1.00000	28.827009	0.031253	128.240935
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-162.147068	-6.673692	-0.600553
.000000	-0.720664	-8.008430	
0.25000	-162.147068	-6.673692	-0.600553
.000000	-0.540498	-6.006323	
0.50000	-162.147068	-6.673692	-0.600553
.000000	-0.360332	-4.004215	
0.75000	-162.147068	-6.673692	-0.600553
.000000	-0.180166	-2.002095	
1.00000	-162.147068	-6.673692	-0.600553
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	70.667968	2.611399	96.748032
.000000	116.097639	3.133698	
0.25000	70.667968	2.611399	96.748032
.000000	87.073229	2.350273	
0.50000	70.667968	2.611399	96.748032
.000000	58.048819	1.566849	
0.75000	70.667968	2.611399	96.748032
.000000	29.024410	0.783405	
1.00000	70.667968	2.611399	96.748032
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-197.102153	-5.034793	-50.180355
.000000	-60.216427	-6.041751	
0.25000	-197.102153	-5.034793	-50.180355
.000000	-45.162320	-4.531314	
0.50000	-197.102153	-5.034793	-50.180355
.000000	-30.108213	-3.020876	
0.75000	-197.102153	-5.034793	-50.180355
.000000	-15.054107	-1.510438	
1.00000	-197.102153	-5.034793	-50.180355
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	95.077071	3.289320	131.929575
.000000	158.315490	3.947178	
0.25000	95.077071	3.289320	131.929575
.000000	118.736617	2.960402	
0.50000	95.077071	3.289320	131.929575
.000000	79.157745	1.973601	
0.75000	95.077071	3.289320	131.929575
.000000	39.578872	0.986784	
1.00000	95.077071	3.289320	131.929575
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-574.938929	-6.865649	-63.207225
.000000	-75.848670	-8.238779	
0.25000	-574.938929	-6.865649	-63.207225
.000000	-56.886503	-6.179084	
0.50000	-574.938929	-6.865649	-63.207225
.000000	-37.924335	-4.119390	
0.75000	-574.938929	-6.865649	-63.207225
.000000	-18.962168	-2.059695	
1.00000	-574.938929	-6.865649	-63.207225
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5145

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	97.116271	3.660386	123.228280
.000000	147.873916	4.392478	
0.25000	97.116271	3.660386	123.228280
.000000	110.905452	3.294359	
0.50000	97.116271	3.660386	123.228280
.000000	73.936968	2.196239	
0.75000	97.116271	3.660386	123.228280
.000000	36.968484	1.098104	
1.00000	97.116271	3.660386	123.228280
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-483.273055	-6.412832	-70.337583
.000000	-84.405100	-7.695398	
0.25000	-483.273055	-6.412832	-70.337583
.000000	-63.303825	-5.771549	
0.50000	-483.273055	-6.412832	-70.337583
.000000	-42.202550	-3.847699	
0.75000	-483.273055	-6.412832	-70.337583
.000000	-21.101275	-1.923850	
1.00000	-483.273055	-6.412832	-70.337583
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.433263	0.510266	25.971868
.000000	31.166241	0.612320	
0.25000	25.433263	0.510266	25.971868
.000000	23.374681	0.459240	
0.50000	25.433263	0.510266	25.971868
.000000	15.583121	0.306160	
0.75000	25.433263	0.510266	25.971868
.000000	7.791560	0.153072	
1.00000	25.433263	0.510266	25.971868
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.419584	-1.351583	-9.805222
.000000	-11.766266	-1.621899	
0.25000	-7.419584	-1.351583	-9.805222
.000000	-8.824699	-1.216424	
0.50000	-7.419584	-1.351583	-9.805222
.000000	-5.883133	-0.810950	
0.75000	-7.419584	-1.351583	-9.805222
.000000	-2.941566	-0.405475	
1.00000	-7.419584	-1.351583	-9.805222
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	84.735960	5.161132	36.044386
.000000	43.253263	6.193358	
0.25000	84.735960	5.161132	36.044386
.000000	32.439947	4.645018	
0.50000	84.735960	5.161132	36.044386
.000000	21.626631	3.096679	
0.75000	84.735960	5.161132	36.044386
.000000	10.813316	1.548323	
1.00000	84.735960	5.161132	36.044386
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

```
REL DIST          P          V2          V3
     T          M2          M3
0.00000   -28.007294   -1.875759   -99.175744
  .000000 -119.010892   -2.250911
0.25000   -28.007294   -1.875759   -99.175744
  .000000  -89.258169   -1.688183
0.50000   -28.007294   -1.875759   -99.175744
  .000000  -59.505446   -1.125456
0.75000   -28.007294   -1.875759   -99.175744
  .000000  -29.752723   -0.562728
1.00000   -28.007294   -1.875759   -99.175744
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5146

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   79.637128   2.518698   57.150642
  .000000   68.580770   3.022431
0.25000   79.637128   2.518698   57.150642
  .000000   51.435577   2.266841
0.50000   79.637128   2.518698   57.150642
  .000000   34.290385   1.511228
0.75000   79.637128   2.518698   57.150642
  .000000   17.145192   0.755586
1.00000   79.637128   2.518698   57.150642
  .000000    .000000    .000000

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -123.742996   -2.974134   -48.399021
  .000000  -58.078825   -3.568961
0.25000 -123.742996   -2.974134   -48.399021
  .000000  -43.559119   -2.676721
0.50000 -123.742996   -2.974134   -48.399021
  .000000  -29.039412   -1.784481
0.75000 -123.742996   -2.974134   -48.399021
  .000000  -14.519706   -0.892240
1.00000 -123.742996   -2.974134   -48.399021
  .000000    .000000    .000000

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   91.088450   2.440539   145.360352
  .000000  174.432423   2.928661
0.25000   91.088450   2.440539   145.360352
  .000000  130.824317   2.196496
0.50000   91.088450   2.440539   145.360352
  .000000   87.216211   1.464331
0.75000   91.088450   2.440539   145.360352
  .000000   43.608106   0.732138
1.00000   91.088450   2.440539   145.360352
  .000000    .000000    .000000

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -358.636037   -7.564591   -46.897129
  .000000  -56.277555   -9.077509
0.25000 -358.636037   -7.564591   -46.897129
  .000000  -42.207417   -6.808132
0.50000 -358.636037   -7.564591   -46.897129
  .000000  -28.138278   -4.538754
0.75000 -358.636037   -7.564591   -46.897129
  .000000  -14.069139   -2.269377
1.00000 -358.636037   -7.564591   -46.897129
  .000000    .000000    .000000

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   56.361034   6.420058   12.568393
  .000000   15.082071   7.704069
0.25000   56.361034   6.420058   12.568393
  .000000   11.311554   5.778052
0.50000   56.361034   6.420058   12.568393
  .000000    7.541036   3.851652
0.75000   56.361034   6.420058   12.568393
  .000000    3.770518   1.925738
1.00000   56.361034   6.420058   12.568393
  .000000    .000000    .000000

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1174.944   -0.654062 -123.367135
  .000000 -148.040562   -0.784875
0.25000   -1174.944   -0.654062 -123.367135
  .000000 -111.030421   -0.588647
0.50000   -1174.944   -0.654062 -123.367135
  .000000  -74.020281   -0.392473
0.75000   -1174.944   -0.654062 -123.367135
  .000000  -37.010140   -0.196399
1.00000   -1174.944   -0.654062 -123.367135
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5147

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   95.174004   5.599849   158.668068
  .000000  190.401681   6.719890
0.25000   95.174004   5.599849   158.668068
  .000000  142.801261   5.039742
0.50000   95.174004   5.599849   158.668068
  .000000   95.200841   3.360424
0.75000   95.174004   5.599849   158.668068
  .000000   47.600420   1.679778
1.00000   95.174004   5.599849   158.668068
  .000000    .000000    .000000

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1632.760   -8.257128 -107.606099
  .000000 -129.127318   -9.908569
0.25000   -1632.760   -8.257128 -107.606099
  .000000  -96.845489   -7.431391
0.50000   -1632.760   -8.257128 -107.606099
  .000000  -64.563659   -4.954374
0.75000   -1632.760   -8.257128 -107.606099
  .000000  -32.281830   -2.477376
1.00000   -1632.760   -8.257128 -107.606099
  .000000    .000000    .000000

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   114.941605   5.330208   130.044543
  .000000  156.053452   6.396122
0.25000   114.941605   5.330208   130.044543
  .000000  117.040089   4.796694
0.50000   114.941605   5.330208   130.044543
  .000000   78.026726   3.198783
0.75000   114.941605   5.330208   130.044543
  .000000   39.013363   1.599143
1.00000   114.941605   5.330208   130.044543
  .000000    .000000    .000000

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1578.051   -6.767552 -102.424702
  .000000 -122.909642   -8.120673
0.25000   -1578.051   -6.767552 -102.424702
  .000000  -92.182232   -6.090169
0.50000   -1578.051   -6.767552 -102.424702
  .000000  -61.454821   -4.059798
0.75000   -1578.051   -6.767552 -102.424702
  .000000  -30.727411   -2.029842
1.00000   -1578.051   -6.767552 -102.424702
  .000000    .000000    .000000

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   155.342191   7.808833   122.243176
  .000000  146.691811   9.370412
0.25000   155.342191   7.808833   122.243176
  .000000  110.018859   7.027565
0.50000   155.342191   7.808833   122.243176
  .000000   73.345906   4.685841
0.75000   155.342191   7.808833   122.243176
  .000000   36.672953   2.342678
1.00000   155.342191   7.808833   122.243176
  .000000    .000000    .000000

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1323.939   -6.361567 -150.053679
  .000000 -180.064415   -7.633549
0.25000   -1323.939   -6.361567 -150.053679
  .000000 -135.048311   -5.724898
0.50000   -1323.939   -6.361567 -150.053679
  .000000  -90.032207   -3.816312
0.75000   -1323.939   -6.361567 -150.053679
  .000000  -45.016104   -1.907708
1.00000   -1323.939   -6.361567 -150.053679
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5148

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   40.009816   0.024009   167.681541
  .000000  201.217850   0.028811
0.25000   40.009816   0.024009   167.681541
  .000000  150.913387   0.021608
0.50000   40.009816   0.024009   167.681541
  .000000  100.608925   0.014406
0.75000   40.009816   0.024009   167.681541
  .000000   50.304462   0.007171
1.00000   40.009816   0.024009   167.681541
  .000000    .000000    .000000

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -362.688816   -8.726191   -0.461363
  .000000   -0.553635  -10.471429
0.25000 -362.688816   -8.726191   -0.461363
  .000000   -0.415227   -7.853572
0.50000 -362.688816   -8.726191   -0.461363
  .000000   -0.276818   -5.235715
0.75000 -362.688816   -8.726191   -0.461363
  .000000   -0.138409   -2.617793
1.00000 -362.688816   -8.726191   -0.461363
  .000000    .000000    .000000

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   94.744705   2.721186   132.406607
  .000000  158.887928   3.264730
0.25000   94.744705   2.721186   132.406607
  .000000  119.165946   2.448730
0.50000   94.744705   2.721186   132.406607
  .000000   79.443964   1.632971
0.75000   94.744705   2.721186   132.406607
  .000000   39.721982   0.816606
1.00000   94.744705   2.721186   132.406607
  .000000    .000000    .000000

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -412.126971   -6.890474   -52.290021
  .000000  -62.748025   -8.607307
0.25000 -412.126971   -6.890474   -52.290021
  .000000  -47.061019   -6.200780
0.50000 -412.126971   -6.890474   -52.290021
  .000000  -31.374013   -4.133492
0.75000 -412.126971   -6.890474   -52.290021
  .000000  -15.687006   -2.066390
1.00000 -412.126971   -6.890474   -52.290021
  .000000    .000000    .000000

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   129.098915   4.081766   162.664436
  .000000  195.197323   4.897453
0.25000   129.098915   4.081766   162.664436
  .000000  146.397992   3.673384
0.50000   129.098915   4.081766   162.664436
  .000000   97.598661   2.449568
0.75000   129.098915   4.081766   162.664436
  .000000   48.799331   1.224949
1.00000   129.098915   4.081766   162.664436
  .000000    .000000    .000000

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1176.695   -8.465100   -78.434772
  .000000  -94.121727  -10.157671
0.25000   -1176.695   -8.465100   -78.434772
  .000000  -70.591295   -7.618048
0.50000   -1176.695   -8.465100   -78.434772
  .000000  -47.060863   -5.078390
0.75000   -1176.695   -8.465100   -78.434772
  .000000  -23.530432   -2.539014
1.00000   -1176.695   -8.465100   -78.434772
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5149

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   149.601949   4.483660   156.407460
  .000000  187.688952   5.379637
0.25000   149.601949   4.483660   156.407460
  .000000  140.766714   4.034998
0.50000   149.601949   4.483660   156.407460
  .000000   93.844476   2.690223
0.75000   149.601949   4.483660   156.407460
  .000000   46.922238   1.344909
1.00000   149.601949   4.483660   156.407460
  .000000    .000000    .000000

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -985.207750   -8.139485   -86.157529
  .000000 -103.389034   -9.766943
0.25000 -985.207750   -8.139485   -86.157529
  .000000  -77.541776   -7.324970
0.50000 -985.207750   -8.139485   -86.157529
  .000000  -51.694517   -4.882875
0.75000 -985.207750   -8.139485   -86.157529
  .000000  -25.847259   -2.440987
1.00000 -985.207750   -8.139485   -86.157529
  .000000    .000000    .000000

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   54.061970   0.609997   54.027767
  .000000   64.833320   0.731571
0.25000   54.061970   0.609997   54.027767
  .000000   48.624990   0.548674
0.50000   54.061970   0.609997   54.027767
  .000000   32.416660   0.365612
0.75000   54.061970   0.609997   54.027767
  .000000   16.208330   0.182711
1.00000   54.061970   0.609997   54.027767
  .000000    .000000    .000000

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -11.357687   -2.811619   -11.721642
  .000000  -14.065970   -3.373826
0.25000   -11.357687   -2.811619   -11.721642
  .000000  -10.549478   -2.530311
0.50000   -11.357687   -2.811619   -11.721642
  .000000   -7.032985   -1.686789
0.75000   -11.357687   -2.811619   -11.721642
  .000000   -3.516493   -0.843088
1.00000   -11.357687   -2.811619   -11.721642
  .000000    .000000    .000000

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   132.901060   5.692794   60.643307
  .000000   72.771969   6.830828
0.25000   132.901060   5.692794   60.643307
  .000000   54.578977   5.123085
0.50000   132.901060   5.692794   60.643307
  .000000   36.385984   3.415016
0.75000   132.901060   5.692794   60.643307
  .000000   18.192992   1.707520
1.00000   132.901060   5.692794   60.643307
  .000000    .000000    .000000

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -42.409330   -3.155894 -109.392119
  .000000 -131.270542   -3.786940
0.25000   -42.409330   -3.155894 -109.392119
  .000000  -98.452907   -2.840541
0.50000   -42.409330   -3.155894 -109.392119
  .000000  -65.635271   -1.893449
0.75000   -42.409330   -3.155894 -109.392119
  .000000  -32.817636   -0.946248
1.00000   -42.409330   -3.155894 -109.392119
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5150

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   133.314151   3.247848   104.624047
  .000000  125.548856   3.896566
0.25000   133.314151   3.247848   104.624047
  .000000   94.161642   2.922532
0.50000   133.314151   3.247848   104.624047
  .000000   62.774428   1.948671
0.75000   133.314151   3.247848   104.624047
  .000000   31.387214   0.974348
1.00000   133.314151   3.247848   104.624047
  .000000    .000000    .000000

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -241.873794   -5.444663   -62.410285
  .000000  -74.892342   -6.533065
0.25000 -241.873794   -5.444663   -62.410285
  .000000  -56.169257   -4.899820
0.50000 -241.873794   -5.444663   -62.410285
  .000000  -37.446171   -3.266120
0.75000 -241.873794   -5.444663   -62.410285
  .000000  -18.723086   -1.632276
1.00000 -241.873794   -5.444663   -62.410285
  .000000    .000000    .000000

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   145.778261   3.232479   193.863143
  .000000  232.635771   3.878029
0.25000   145.778261   3.232479   193.863143
  .000000  174.476828   2.908660
0.50000   145.778261   3.232479   193.863143
  .000000  116.317886   1.939478
0.75000   145.778261   3.232479   193.863143
  .000000   58.158943   0.969733
1.00000   145.778261   3.232479   193.863143
  .000000    .000000    .000000

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -738.607732  -10.088688   -62.114964
  .000000 -74.637956  -12.106002
0.25000 -738.607732  -10.088688   -62.114964
  .000000  -55.903467   -9.079470
0.50000 -738.607732  -10.088688   -62.114964
  .000000  -37.268978   -6.052599
0.75000 -738.607732  -10.088688   -62.114964
  .000000  -18.634489   -3.025772
1.00000 -738.607732  -10.088688   -62.114964
  .000000    .000000    .000000

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   107.066385   5.161132   145.360352
  .000000  174.432423   6.193358
0.25000   107.066385   5.161132   145.360352
  .000000  130.824317   4.645018
0.50000   107.066385   5.161132   145.360352
  .000000   87.216211   3.096679
0.75000   107.066385   5.161132   145.360352
  .000000   43.608106   1.548323
1.00000   107.066385   5.161132   145.360352
  .000000    .000000    .000000

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -794.879484   -7.564591   -99.175744
  .000000 -119.010892   -9.077509
0.25000 -794.879484   -7.564591   -99.175744
  .000000  -89.258169   -6.808132
0.50000 -794.879484   -7.564591   -99.175744
  .000000  -59.505446   -4.538754
0.75000 -794.879484   -7.564591   -99.175744
  .000000  -29.752723   -2.269377
1.00000 -794.879484   -7.564591   -99.175744
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5151

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   155.342191   7.808833   193.863143
  .000000  232.635771   9.370412
0.25000   155.342191   7.808833   193.863143
  .000000  174.476828   7.027565
0.50000   155.342191   7.808833   193.863143
  .000000  116.317886   4.685841
0.75000   155.342191   7.808833   193.863143
  .000000   58.158943   2.342678
1.00000   155.342191   7.808833   193.863143
  .000000    .000000    .000000

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1632.760  -10.088688   -150.053679
  .000000 -180.064415   -12.106002
0.25000   -1632.760  -10.088688   -150.053679
  .000000 -135.048311   -9.079470
0.50000   -1632.760  -10.088688   -150.053679
  .000000  -90.032207   -6.052599
0.75000   -1632.760  -10.088688   -150.053679
  .000000  -45.016104   -3.025772
1.00000   -1632.760  -10.088688   -150.053679
  .000000    .000000    .000000

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   155.342191   7.808833   193.863143
  .000000  232.635771   9.370412
0.25000   155.342191   7.808833   193.863143
  .000000  174.476828   7.027565
0.50000   155.342191   7.808833   193.863143
  .000000  116.317886   4.685841
0.75000   155.342191   7.808833   193.863143
  .000000   58.158943   2.342678
1.00000   155.342191   7.808833   193.863143
  .000000    .000000    .000000

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1632.760  -10.088688   -150.053679
  .000000 -180.064415   -12.106002
0.25000   -1632.760  -10.088688   -150.053679
  .000000 -135.048311   -9.079470
0.50000   -1632.760  -10.088688   -150.053679
  .000000  -90.032207   -6.052599
0.75000   -1632.760  -10.088688   -150.053679
  .000000  -45.016104   -3.025772
1.00000   -1632.760  -10.088688   -150.053679
  .000000    .000000    .000000

COMB    DESIGN ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   155.342191   7.808833   193.863143
  .000000  232.635771   9.370412
0.25000   155.342191   7.808833   193.863143
  .000000  174.476828   7.027565
0.50000   155.342191   7.808833   193.863143
  .000000  116.317886   4.685841
0.75000   155.342191   7.808833   193.863143
  .000000   58.158943   2.342678
1.00000   155.342191   7.808833   193.863143
  .000000    .000000    .000000

COMB    DESIGN ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -1632.760  -10.088688   -150.053679
  .000000 -180.064415   -12.106002
0.25000   -1632.760  -10.088688   -150.053679
  .000000 -135.048311   -9.079470
0.50000   -1632.760  -10.088688   -150.053679
  .000000  -90.032207   -6.052599
0.75000   -1632.760  -10.088688   -150.053679
  .000000  -45.016104   -3.025772
1.00000   -1632.760  -10.088688   -150.053679
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING                LOAD                  >
                                          5152

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM      505 ================== LENGTH
=    1.100000

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   30.100606   1.873592   13.870908
  .000000  15.257999   2.060952
0.25000   30.100606   1.873592   13.870908
  .000000  11.443499   1.545714
0.50000   30.100606   1.873592   13.870908
  .000000   7.628999   1.030476
0.75000   30.100606   1.873592   13.870908
  .000000   3.814500   0.515237
1.00000   30.100606   1.873592   13.870908
  .000000    .000000    .000000

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -539.065700   -0.275780   -94.235987
  .000000  -77.744690   -0.227519
0.25000   -539.065700   -0.275780   -94.235987
  .000000  -77.744690   -0.227519
0.50000   -539.065700   -0.275780   -94.235987
  .000000  -51.829793   -0.151662
0.75000   -539.065700   -0.275780   -94.235987
  .000000  -25.914897   -0.075811
1.00000   -539.065700   -0.275780   -94.235987
  .000000    .000000    .000000

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   50.285652   2.098806   105.898069
  .000000 116.487876   2.308687
0.25000   50.285652   2.098806   105.898069
  .000000  87.365907   1.731515
0.50000   50.285652   2.098806   105.898069
  .000000  58.243938   1.154340
0.75000   50.285652   2.098806   105.898069
  .000000  29.121969   0.577165
1.00000   50.285652   2.098806   105.898069
  .000000    .000000    .000000

COMB DB-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -727.287043   -2.105457   -105.563553
  .000000 -116.119908   -2.316003
0.25000 -727.287043   -2.105457   -105.563553
  .000000  -87.089931   -1.737002
0.50000 -727.287043   -2.105457   -105.563553
  .000000  -58.059954   -1.157992
0.75000 -727.287043   -2.105457   -105.563553
  .000000  -29.029977   -0.578967
1.00000 -727.287043   -2.105457   -105.563553
  .000000    .000000    .000000

COMB DB-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   57.824579   1.905420   79.320448
```

```
    .000000    87.252492    2.095962
0.25000    57.824579    1.905420    79.320448
    .000000    65.439369    1.571962
0.50000    57.824579    1.905420    79.320448
    .000000    43.626246    1.047968
0.75000    57.824579    1.905420    79.320448
    .000000    21.813123    0.523895
1.00000    57.824579    1.905420    79.320448
    .000000     .000000     .000000

COMB DB-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000 -688.214726   -1.577043   -95.836822
    .000000 -105.420505   -1.734758
0.25000 -688.214726   -1.577043   -95.836822
    .000000  -79.065379   -1.301068
0.50000 -688.214726   -1.577043   -95.836822
    .000000  -52.710252   -0.867371
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5153

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.75000 -688.214726   -1.577043   -95.836822
    .000000  -26.355126   -0.433643
1.00000 -688.214726   -1.577043   -95.836822
    .000000     .000000     .000000

COMB DB-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    82.461708    2.587132    76.515687
    .000000    84.167255    2.845851
0.25000    82.461708    2.587132    76.515687
    .000000    63.125441    2.134391
0.50000    82.461708    2.587132    76.515687
    .000000    42.083628    1.422917
0.75000    82.461708    2.587132    76.515687
    .000000    21.041814    0.711428
1.00000    82.461708    2.587132    76.515687
    .000000     .000000     .000000

COMB DB-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000 -576.341019   -1.521279  -130.124887
    .000000 -143.137375   -1.673418
0.25000 -576.341019   -1.521279  -130.124887
    .000000 -107.353031   -1.255563
0.50000 -576.341019   -1.521279  -130.124887
    .000000  -71.568688   -0.836702
0.75000 -576.341019   -1.521279  -130.124887
    .000000  -35.784344   -0.418314
1.00000 -576.341019   -1.521279  -130.124887
    .000000     .000000     .000000

COMB DB-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    20.275208    0.141287   105.380919
    .000000    15.910011    0.155416
0.25000    20.275208    0.141287   105.380919
    .000000    86.939258    0.116562
0.50000    20.275208    0.141287   105.380919
    .000000    57.959506    0.077708
0.75000    20.275208    0.141287   105.380919
    .000000    28.979753    0.038825
1.00000    20.275208    0.141287   105.380919
    .000000     .000000     .000000

COMB DB-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -135.510508   -2.095175    -7.106327
    .000000   -7.816960   -2.304692
0.25000  -135.510508   -2.095175    -7.106327
    .000000   -5.862720   -1.728519
0.50000  -135.510508   -2.095175    -7.106327
    .000000   -3.908480   -1.152346
0.75000  -135.510508   -2.095175    -7.106327
    .000000   -1.954240   -0.576173
1.00000  -135.510508   -2.095175    -7.106327
    .000000     .000000     .000000

COMB DB-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    51.645396    0.910704    79.868028
    .000000    87.854831    1.001775
0.25000    51.645396    0.910704    79.868028
    .000000    65.891123    0.751331
0.50000    51.645396    0.910704    79.868028
    .000000    43.927416    0.500871
0.75000    51.645396    0.910704    79.868028
    .000000    21.963708    0.250396
1.00000    51.645396    0.910704    79.868028
    .000000     .000000     .000000

COMB DB-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -148.131190   -1.587930    -45.805663
    .000000   -50.386229   -1.746734
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5154

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2          M3
0.25000  -148.131190   -1.587930    -45.805663
    .000000   -37.789672   -1.310051
0.50000  -148.131190   -1.587930    -45.805663
    .000000   -25.193115   -0.873367
0.75000  -148.131190   -1.587930    -45.805663
    .000000   -12.596557   -0.436694
1.00000  -148.131190   -1.587930    -45.805663
    .000000     .000000     .000000

COMB DB-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    69.552444    1.767469    95.373574
    .000000   104.910931    1.944219
0.25000    69.552444    1.767469    95.373574
    .000000    78.683198    1.458164
0.50000    69.552444    1.767469    95.373574
    .000000    52.455466    0.972088
0.75000    69.552444    1.767469    95.373574
    .000000    26.227733    0.486012
1.00000    69.552444    1.767469    95.373574
    .000000     .000000     .000000

COMB DB-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -498.645941   -1.896210    -88.898306
    .000000   -97.788136   -2.085842
0.25000  -498.645941   -1.896210    -88.898306
    .000000   -73.341102   -1.564381
0.50000  -498.645941   -1.896210    -88.898306
    .000000   -48.894068   -1.042921
0.75000  -498.645941   -1.896210    -88.898306
    .000000   -24.447034   -0.521470
1.00000  -498.645941   -1.896210    -88.898306
    .000000     .000000     .000000

COMB DB-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    76.989438    1.758415    94.955553
    .000000   104.451109    1.934252
0.25000    76.989438    1.758415    94.955553
    .000000    78.338332    1.450689
0.50000    76.989438    1.758415    94.955553
    .000000    52.225554    0.967114
0.75000    76.989438    1.758415    94.955553
    .000000    26.112777    0.483532
1.00000    76.989438    1.758415    94.955553
    .000000     .000000     .000000

COMB DB-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000 -418.400934   -1.887899    -88.442913
    .000000  -97.287204   -2.087698
0.25000 -418.400934   -1.887899    -88.442913
    .000000  -72.965403   -1.557523
0.50000 -418.400934   -1.887899    -88.442913
    .000000  -48.643602   -1.038349
0.75000 -418.400934   -1.887899    -88.442913
    .000000  -24.321801   -0.519183
1.00000 -418.400934   -1.887899    -88.442913
    .000000     .000000     .000000

COMB DB-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    28.437610    0.145784    31.305380
    .000000    34.435918    0.160306
0.25000    28.437610    0.145784    31.305380
    .000000    25.826938    0.120243
0.50000    28.437610    0.145784    31.305380
    .000000    17.217959    0.080110
0.75000    28.437610    0.145784    31.305380
    .000000     8.608979    0.039989
1.00000    28.437610    0.145784    31.305380
    .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5155

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -4.485350   -0.622411    -7.332468
    .000000   -8.065715   -0.684652
0.25000   -4.485350   -0.622411    -7.332468
    .000000   -6.049286   -0.513489
0.50000   -4.485350   -0.622411    -7.332468
    .000000   -4.032858   -0.342326
0.75000   -4.485350   -0.622411    -7.332468
    .000000   -2.016429   -0.171161
1.00000   -4.485350   -0.622411    -7.332468
    .000000     .000000     .000000

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    74.104198    1.505602    39.700248
    .000000    43.670273    1.656105
0.25000    74.104198    1.505602    39.700248
    .000000    32.752704    1.242079
0.50000    74.104198    1.505602    39.700248
    .000000    21.835136    0.828008
0.75000    74.104198    1.505602    39.700248
    .000000    10.917568    0.413912
1.00000    74.104198    1.505602    39.700248
    .000000     .000000     .000000

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -13.185507   -0.789317    -75.727183
    .000000  -83.299902   -0.868249
0.25000  -13.185507   -0.789317    -75.727183
    .000000  -62.474926   -0.651187
0.50000  -13.185507   -0.789317    -75.727183
    .000000  -41.649951   -0.434117
0.75000  -13.185507   -0.789317    -75.727183
    .000000  -20.824975   -0.217040
1.00000  -13.185507   -0.789317    -75.727183
    .000000     .000000     .000000

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    68.115800    0.799177    59.486572
    .000000    65.435229    0.879042
0.25000    68.115800    0.799177    59.486572
    .000000    49.076422    0.659282
0.50000    68.115800    0.799177    59.486572
    .000000    32.717615    0.439461
0.75000    68.115800    0.799177    59.486572
    .000000    16.358807    0.219611
1.00000    68.115800    0.799177    59.486572
    .000000     .000000     .000000

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -81.893754   -1.182707    -40.196164
    .000000  -44.215780   -1.300989
0.25000  -81.893754   -1.182707    -40.196164
    .000000  -33.161835   -0.975742
0.50000  -81.893754   -1.182707    -40.196164
    .000000  -22.107890   -0.650495
0.75000  -81.893754   -1.182707    -40.196164
    .000000  -11.053945   -0.325257
1.00000  -81.893754   -1.182707    -40.196164
    .000000     .000000     .000000

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    74.696500    1.131748   119.798461
    .000000   131.778307    1.244879
0.25000    74.696500    1.131748   119.798461
    .000000    98.833730    0.933668
0.50000    74.696500    1.131748   119.798461
    .000000    65.889153    0.622399
0.75000    74.696500    1.131748   119.798461
    .000000    32.944577    0.311099
1.00000    74.696500    1.131748   119.798461
    .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5156

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -303.235579   -2.381823    -56.923459
    .000000   -62.615805   -2.620015
0.25000  -303.235579   -2.381823    -56.923459
    .000000   -46.961854   -1.965011
0.50000  -303.235579   -2.381823    -56.923459
    .000000   -31.307903   -1.310007
0.75000  -303.235579   -2.381823    -56.923459
    .000000   -15.653951   -0.655011
1.00000  -303.235579   -2.381823    -56.923459
    .000000     .000000     .000000

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    41.485880    2.636584    20.530065
    .000000    22.583072    2.900483
0.25000    41.485880    2.636584    20.530065
    .000000    16.937304    2.175238
0.50000    41.485880    2.636584    20.530065
    .000000    11.291536    1.449918
0.75000    41.485880    2.636584    20.530065
    .000000     5.645768    0.724621
1.00000    41.485880    2.636584    20.530065
    .000000     .000000     .000000

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -581.373929   -0.408177  -132.612160
    .000000  -145.873376   -0.448809
0.25000  -581.373929   -0.408177  -132.612160
    .000000  -109.405032   -0.336347
0.50000  -581.373929   -0.408177  -132.612160
    .000000   -72.936688   -0.223926
0.75000  -581.373929   -0.408177  -132.612160
    .000000   -36.468344   -0.111514
1.00000  -581.373929   -0.408177  -132.612160
    .000000     .000000     .000000

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    68.955349    2.896411   101.805894
    .000000   111.986483    3.186164
0.25000    68.955349    2.896411   101.805894
    .000000    83.989862    2.389494
0.50000    68.955349    2.896411   101.805894
    .000000    55.993241    1.592751
0.75000    68.955349    2.896411   101.805894
    .000000    27.996621    0.795739
1.00000    68.955349    2.896411   101.805894
    .000000     .000000     .000000

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -797.959966   -2.024097  -145.680670
    .000000  -160.248737   -2.226259
0.25000  -797.959966   -2.024097  -145.680670
    .000000  -120.186552   -1.669429
0.50000  -797.959966   -2.024097  -145.680670
    .000000   -80.124368   -1.112344
0.75000  -797.959966   -2.024097  -145.680670
    .000000   -40.062184   -0.555263
1.00000  -797.959966   -2.024097  -145.680670
    .000000     .000000     .000000

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    81.045639    2.730399    85.996117
    .000000    94.595729    3.003490
0.25000    81.045639    2.730399    85.996117
    .000000    70.946797    2.252206
0.50000    81.045639    2.730399    85.996117
    .000000    47.297864    1.501060
0.75000    81.045639    2.730399    85.996117
    .000000    23.648932    0.749387
1.00000    81.045639    2.730399    85.996117
    .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5157

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -763.639055   -1.709744  -137.330810
    .000000  -151.063891   -1.879883
0.25000  -763.639055   -1.709744  -137.330810
    .000000  -113.297918   -1.409417
0.50000  -763.639055   -1.709744  -137.330810
    .000000   -75.531946   -0.938641
0.75000  -763.639055   -1.709744  -137.330810
    .000000   -37.765973   -0.468135
1.00000  -763.639055   -1.709744  -137.330810
    .000000     .000000     .000000

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    105.285492    3.019120    83.714046
    .000000    92.385451    3.320894
0.25000    105.285492    3.019120    83.714046
    .000000    69.064088    2.490356
0.50000    105.285492    3.019120    83.714046
    .000000    46.042725    1.659687
0.75000    105.285492    3.019120    83.714046
    .000000    23.021363    0.828473
1.00000    105.285492    3.019120    83.714046
    .000000     .000000     .000000

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -640.378008   -1.664378   -151.852908
    .000000  -167.038199   -1.829957
0.25000  -640.378008   -1.664378   -151.852908
    .000000  -125.278649   -1.371941
0.50000  -640.378008   -1.664378   -151.852908
    .000000   -83.519099   -0.913491
0.75000  -640.378008   -1.664378   -151.852908
    .000000   -41.759550   -0.455420
1.00000  -640.378008   -1.664378   -151.852908
    .000000     .000000     .000000

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    27.832591    0.197254    89.745606
    .000000    98.720166    0.216900
0.25000    27.832591    0.197254    89.745606
    .000000    74.040125    0.162644
0.50000    27.832591    0.197254    89.745606
    .000000    49.360083    0.108226
0.75000    27.832591    0.197254    89.745606
    .000000    24.680042    0.053773
1.00000    27.832591    0.197254    89.745606
    .000000     .000000     .000000

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -166.330606   -1.784315    -9.921294
    .000000   -10.913423   -1.962723
0.25000  -166.330606   -1.784315    -9.921294
    .000000    -8.185068   -1.471834
0.50000  -166.330606   -1.784315    -9.921294
    .000000    -5.456712   -0.981026
0.75000  -166.330606   -1.784315    -9.921294
    .000000    -2.728356   -0.490098
1.00000  -166.330606   -1.784315    -9.921294
    .000000     .000000     .000000

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    61.503616    0.816285    74.051774
    .000000    81.456952    0.897874
0.25000    61.503616    0.816285    74.051774
    .000000    61.092714    0.673191
0.50000    61.503616    0.816285    74.051774
    .000000    40.728476    0.448456
0.75000    61.503616    0.816285    74.051774
    .000000    20.364238    0.223309
1.00000    61.503616    0.816285    74.051774
    .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<              MOVING              LOAD              >
                                   5158

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -184.320320   -1.472277    -41.056397
    .000000   -45.162036   -1.618858
0.25000  -184.320320   -1.472277    -41.056397
    .000000   -33.871527   -1.213775
0.50000  -184.320320   -1.472277    -41.056397
    .000000   -22.581018   -0.808423
0.75000  -184.320320   -1.472277    -41.056397
    .000000   -11.290509   -0.403356
1.00000  -184.320320   -1.472277    -41.056397
    .000000     .000000     .000000

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    87.367695    1.965640    97.865745
    .000000   107.652319    2.162279
0.25000    87.367695    1.965640    97.865745
    .000000    80.739240    1.621404
0.50000    87.367695    1.965640    97.865745
    .000000    53.826160    1.080462
0.75000    87.367695    1.965640    97.865745
    .000000    26.913080    0.539075
1.00000    87.367695    1.965640    97.865745
    .000000     .000000     .000000

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -562.539499   -1.945751    -98.865457
    .000000  -108.752003   -2.139420
0.25000  -562.539499   -1.945751    -98.865457
    .000000   -81.564002   -1.604024
0.50000  -562.539499   -1.945751    -98.865457
    .000000   -54.376001   -1.068361
0.75000  -562.539499   -1.945751    -98.865457
    .000000   -27.188001   -0.533049
1.00000  -562.539499   -1.945751    -98.865457
    .000000     .000000     .000000

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    102.258108    1.887105    99.937025
    .000000   109.930728    2.075670
0.25000    102.258108    1.887105    99.937025
    .000000    82.448046    1.556342
0.50000    102.258108    1.887105    99.937025
    .000000    54.965364    1.037027
0.75000    102.258108    1.887105    99.937025
    .000000    27.482682    0.517153
1.00000    102.258108    1.887105    99.937025
    .000000     .000000     .000000

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -472.685503   -1.986929    -94.915436
    .000000   -94.469979   -2.184449
0.25000  -472.685503   -1.986929    -94.915436
    .000000   -78.305235   -1.637689
0.50000  -472.685503   -1.986929    -94.915436
    .000000   -52.203490   -1.090692
0.75000  -472.685503   -1.986929    -94.915436
    .000000   -26.101745   -0.544125
1.00000  -472.685503   -1.986929    -94.915436
    .000000     .000000     .000000

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    41.631502    0.186335    41.949577
    .000000    46.144535    0.204812
0.25000    41.631502    0.186335    41.949577
    .000000    34.608401    0.153485
0.50000    41.631502    0.186335    41.949577
    .000000    23.072268    0.102110
0.75000    41.631502    0.186335    41.949577
    .000000    11.536134    0.050379
1.00000    41.631502    0.186335    41.949577
    .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

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                                   5159

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000   -7.427890   -0.834038    -9.372106
    .000000  -10.309316   -0.916804
0.25000   -7.427890   -0.834038    -9.372106
    .000000   -7.731987   -0.687346
0.50000   -7.427890   -0.834038    -9.372106
    .000000   -5.154658   -0.457635
0.75000   -7.427890   -0.834038    -9.372106
    .000000   -2.577329   -0.228368
1.00000   -7.427890   -0.834038    -9.372106
    .000000     .000000     .000000

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    89.615025    1.314521    49.651506
    .000000    54.616657    1.445724
0.25000    89.615025    1.314521    49.651506
    .000000    40.962493    1.084117
0.50000    89.615025    1.314521    49.651506
    .000000    27.308328    0.722321
0.75000    89.615025    1.314521    49.651506
    .000000    13.654164    0.359946
1.00000    89.615025    1.314521    49.651506
    .000000     .000000     .000000

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -17.286759   -0.987167    -66.116423
    .000000   -72.728065   -1.085246
0.25000  -17.286759   -0.987167    -66.116423
    .000000   -54.546049   -0.813518
0.50000  -17.286759   -0.987167    -66.116423
    .000000   -36.364032   -0.541602
0.75000  -17.286759   -0.987167    -66.116423
    .000000   -18.182016   -0.269598
1.00000  -17.286759   -0.987167    -66.116423
    .000000     .000000     .000000

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
       T          M2          M3
0.00000    91.811891    0.863669    71.635611
    .000000    78.799173    0.949845
0.25000    91.811891    0.863669    71.635611
    .000000    59.099379    0.712045
0.50000    91.811891    0.863669    71.635611
    .000000    39.399586    0.474245
0.75000    91.811891    0.863669    71.635611
    .000000    19.699793    0.235582
1.00000    91.811891    0.863669    71.635611
    .000000     .000000     .000000

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
       T          M2          M3
0.00000  -107.151136   -1.424247    -43.439757
```

.000000 -47.783733 -1.565462
0.25000 -107.151136 -1.424247 -43.439757
.000000 -35.837800 -1.173517
0.50000 -107.151136 -1.424247 -43.439757
.000000 -23.891867 -0.781172
0.75000 -107.151136 -1.424247 -43.439757
.000000 -11.945933 -0.389520
1.00000 -107.151136 -1.424247 -43.439757
.000000 .000000 .000000

COMB DL-G3-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 101.586827 1.312173 120.758240
.000000 132.834064 1.443216
0.25000 101.586827 1.312173 120.758240
.000000 99.625548 1.082077
0.50000 101.586827 1.312173 120.758240
.000000 66.417032 0.720879
0.75000 101.586827 1.312173 120.758240
.000000 33.208516 0.358943
1.00000 101.586827 1.312173 120.758240
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -350.135616 -2.400906 -65.998167
.000000 -72.597984 -2.640019
0.25000 -350.135616 -2.400906 -65.998167
.000000 -54.448488 -1.979449
0.50000 -350.135616 -2.400906 -65.998167
.000000 -36.298992 -1.318432
0.75000 -350.135616 -2.400906 -65.998167
.000000 -18.149496 -0.657941
1.00000 -350.135616 -2.400906 -65.998167
.000000 .000000 .000000

COMB DB ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 82.461708 2.587132 119.798461
.000000 131.778307 2.845851
0.25000 82.461708 2.587132 119.798461
.000000 98.833730 2.134391
0.50000 82.461708 2.587132 119.798461
.000000 65.889153 1.422917
0.75000 82.461708 2.587132 119.798461
.000000 32.944577 0.711428
1.00000 82.461708 2.587132 119.798461
.000000 .000000 .000000

COMB DB ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -727.287043 -2.381823 -130.124887
.000000 -143.137375 -2.620015
0.25000 -727.287043 -2.381823 -130.124887
.000000 -107.353031 -1.965011
0.50000 -727.287043 -2.381823 -130.124887
.000000 -71.568688 -1.310007
0.75000 -727.287043 -2.381823 -130.124887
.000000 -35.784344 -0.655011
1.00000 -727.287043 -2.381823 -130.124887
.000000 .000000 .000000

COMB DL ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 105.285492 3.019120 120.758240
.000000 132.834064 3.320894
0.25000 105.285492 3.019120 120.758240
.000000 99.625548 2.490356
0.50000 105.285492 3.019120 120.758240
.000000 66.417032 1.659687
0.75000 105.285492 3.019120 120.758240
.000000 33.208516 0.828473
1.00000 105.285492 3.019120 120.758240
.000000 .000000 .000000

COMB DL ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.959966 -2.400906 -151.852908
.000000 -167.038199 -2.640019
0.25000 -797.959966 -2.400906 -151.852908
.000000 -125.278649 -1.979449
0.50000 -797.959966 -2.400906 -151.852908
.000000 -83.519099 -1.318432
0.75000 -797.959966 -2.400906 -151.852908
.000000 -41.759550 -0.657941
1.00000 -797.959966 -2.400906 -151.852908
.000000 .000000 .000000

COMB CAR ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 105.285492 3.019120 120.758240
.000000 132.834064 3.320894
0.25000 105.285492 3.019120 120.758240
.000000 99.625548 2.490356
0.50000 105.285492 3.019120 120.758240
.000000 66.417032 1.659687
0.75000 105.285492 3.019120 120.758240
.000000 33.208516 0.828473
1.00000 105.285492 3.019120 120.758240
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.959966 -2.400906 -151.852908
.000000 -167.038199 -2.640019
0.25000 -797.959966 -2.400906 -151.852908
.000000 -125.278649 -1.979449
0.50000 -797.959966 -2.400906 -151.852908
.000000 -83.519099 -1.318432
0.75000 -797.959966 -2.400906 -151.852908
.000000 -41.759550 -0.657941
1.00000 -797.959966 -2.400906 -151.852908
.000000 .000000 .000000

COMB DESIGN ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 105.285492 3.019120 120.758240
.000000 132.834064 3.320894
0.25000 105.285492 3.019120 120.758240
.000000 99.625548 2.490356
0.50000 105.285492 3.019120 120.758240
.000000 66.417032 1.659687
0.75000 105.285492 3.019120 120.758240
.000000 33.208516 0.828473
1.00000 105.285492 3.019120 120.758240
.000000 .000000 .000000

COMB DESIGN ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.959966 -2.400906 -151.852908
.000000 -167.038199 -2.640019
0.25000 -797.959966 -2.400906 -151.852908
.000000 -125.278649 -1.979449
0.50000 -797.959966 -2.400906 -151.852908
.000000 -83.519099 -1.318432
0.75000 -797.959966 -2.400906 -151.852908
.000000 -41.759550 -0.657941
1.00000 -797.959966 -2.400906 -151.852908
.000000 .000000 .000000

ELEM 506 ========== LENGTH = 1.100000

COMB DB-G1-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.949167 4.745522 91.806903
.000000 100.987593 5.220074
0.25000 21.949167 4.745522 91.806903
.000000 75.740695 3.915056
0.50000 21.949167 4.745522 91.806903
.000000 50.493796 2.610037
0.75000 21.949167 4.745522 91.806903
.000000 25.246898 1.305019
1.00000 21.949167 4.745522 91.806903
.000000 .000000 .000000

COMB DB-G1-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -59.913278 -0.775430 -15.001475
.000000 -16.501623 -0.852973
0.25000 -59.913278 -0.775430 -15.001475
.000000 -12.376217 -0.639730
0.50000 -59.913278 -0.775430 -15.001475
.000000 -8.250811 -0.426487
0.75000 -59.913278 -0.775430 -15.001475
.000000 -4.125406 -0.213243
1.00000 -59.913278 -0.775430 -15.001475
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 33.560235 5.322227 102.963835
.000000 113.260218 5.854450
0.25000 33.560235 5.322227 102.963835
.000000 84.945164 4.390837
0.50000 33.560235 5.322227 102.963835
.000000 56.630109 2.927225

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 33.560235 5.322227 102.963835
.000000 28.315055 1.463617
1.00000 33.560235 5.322227 102.963835
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -313.636459 -5.530364 -106.990465
.000000 -117.689511 -1.983401
0.25000 -313.636459 -5.530364 -106.990465
.000000 -88.267134 -4.562551
0.50000 -313.636459 -5.530364 -106.990465
.000000 -58.844756 -3.041700
0.75000 -313.636459 -5.530364 -106.990465
.000000 -29.422378 -1.520850
1.00000 -313.636459 -5.530364 -106.990465
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 44.080627 4.916984 95.124000
.000000 104.636399 5.408682
0.25000 44.080627 4.916984 95.124000
.000000 78.477300 4.056512
0.50000 44.080627 4.916984 95.124000
.000000 52.318200 2.704341
0.75000 44.080627 4.916984 95.124000
.000000 26.159100 1.352127
1.00000 44.080627 4.916984 95.124000
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -680.797991 -4.319999 -83.574726
.000000 -91.932199 -4.751999
0.25000 -680.797991 -4.319999 -83.574726
.000000 -68.949149 -3.563999
0.50000 -680.797991 -4.319999 -83.574726
.000000 -45.966099 -2.375984
0.75000 -680.797991 -4.319999 -83.574726
.000000 -22.983050 -1.187992
1.00000 -680.797991 -4.319999 -83.574726
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 47.354108 6.626055 128.187692
.000000 141.006461 7.288660
0.25000 47.354108 6.626055 128.187692
.000000 105.754646 5.466495
0.50000 47.354108 6.626055 128.187692
.000000 70.503231 3.644330
0.75000 47.354108 6.626055 128.187692
.000000 35.251615 1.822132
1.00000 47.354108 6.626055 128.187692
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -735.935202 -4.198723 -81.228528
.000000 -89.351381 -4.618596
0.25000 -735.935202 -4.198723 -81.228528
.000000 -67.013536 -3.463947
0.50000 -735.935202 -4.198723 -81.228528
.000000 -44.675690 -2.309280
0.75000 -735.935202 -4.198723 -81.228528
.000000 -22.337845 -1.154640
1.00000 -735.935202 -4.198723 -81.228528
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.643437 0.429529 8.309677
.000000 9.140644 0.472482

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 16.643437 0.429529 8.309677
.000000 6.855483 0.354362
0.50000 16.643437 0.429529 8.309677
.000000 4.570322 0.236241
0.75000 16.643437 0.429529 8.309677
.000000 2.285161 0.118106
1.00000 16.643437 0.429529 8.309677
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -389.272651 -5.459580 -105.621072
.000000 -116.183180 -6.005538
0.25000 -389.272651 -5.459580 -105.621072
.000000 -87.137385 -4.504154
0.50000 -389.272651 -5.459580 -105.621072
.000000 -58.091590 -3.002769
0.75000 -389.272651 -5.459580 -105.621072
.000000 -29.045795 -1.501385
1.00000 -389.272651 -5.459580 -105.621072
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.218471 2.432808 47.065121
.000000 51.771633 2.678089
0.25000 31.218471 2.432808 47.065121
.000000 38.828724 2.007067
0.50000 31.218471 2.432808 47.065121
.000000 25.885816 1.338044
0.75000 31.218471 2.432808 47.065121
.000000 12.942908 0.668976
1.00000 31.218471 2.432808 47.065121
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -796.821335 -4.328730 -83.743642
.000000 -92.118006 -4.761603
0.25000 -796.821335 -4.328730 -83.743642
.000000 -69.088504 -3.571202
0.50000 -796.821335 -4.328730 -83.743642
.000000 -46.059003 -2.380781
0.75000 -796.821335 -4.328730 -83.743642
.000000 -23.029501 -1.190390
1.00000 -796.821335 -4.328730 -83.743642
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 43.121693 4.569822 88.407810
.000000 97.248591 5.026805
0.25000 43.121693 4.569822 88.407810
.000000 72.936443 3.770103
0.50000 43.121693 4.569822 88.407810
.000000 48.624295 2.513406
0.75000 43.121693 4.569822 88.407810
.000000 24.312148 1.256664
1.00000 43.121693 4.569822 88.407810
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -799.804922 -5.112421 -98.904933
.000000 -108.795426 -5.623663
0.25000 -799.804922 -5.112421 -98.904933
.000000 -81.596570 -4.217748
0.50000 -799.804922 -5.112421 -98.904933
.000000 -54.397713 -2.811813
0.75000 -799.804922 -5.112421 -98.904933
.000000 -27.198857 -1.405906
1.00000 -799.804922 -5.112421 -98.904933
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 46.495133 4.510021 87.250894
.000000 95.975984 4.961023
0.25000 46.495133 4.510021 87.250894
.000000 71.981988 3.720767
0.50000 46.495133 4.510021 87.250894
.000000 47.987992 2.480518
0.75000 46.495133 4.510021 87.250894
.000000 23.993996 1.240234
1.00000 46.495133 4.510021 87.250894
.000000 .000000 .000000

COMB DB-G2-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -734.606021 -5.131448 -99.273030
.000000 -109.200333 -5.644593
0.25000 -734.606021 -5.131448 -99.273030
.000000 -81.900250 -4.233445
0.50000 -734.606021 -5.131448 -99.273030
.000000 -54.600167 -2.822296
0.75000 -734.606021 -5.131448 -99.273030
.000000 -27.300083 -1.411140
1.00000 -734.606021 -5.131448 -99.273030
.000000 .000000 .000000

COMB DB-G3-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 16.092576 0.314605 6.086345
.000000 6.694979 0.346065
0.25000 16.092576 0.314605 6.086345
.000000 5.021234 0.259549
0.50000 16.092576 0.314605 6.086345
.000000 3.347490 0.173011
0.75000 16.092576 0.314605 6.086345
.000000 1.673745 0.086489
1.00000 16.092576 0.314605 6.086345
.000000 .000000 .000000

COMB DB-G3-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -53.608419 -1.728025 -33.430390
.000000 -36.773429 -1.900828
0.25000 -53.608419 -1.728025 -33.430390
.000000 -27.580072 -1.425621
0.50000 -53.608419 -1.728025 -33.430390
.000000 -18.386715 -0.950414
0.75000 -53.608419 -1.728025 -33.430390
.000000 -9.193357 -0.475207
1.00000 -53.608419 -1.728025 -33.430390
.000000 .000000 .000000

COMB DB-G3-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 28.890087 3.752166 72.589427
.000000 79.843369 4.127383
0.25000 28.890087 3.752166 72.589427
.000000 59.886277 3.095537
0.50000 28.890087 3.752166 72.589427
.000000 39.924185 2.063673
0.75000 28.890087 3.752166 72.589427
.000000 19.962092 1.031833
1.00000 28.890087 3.752166 72.589427
.000000 .000000 .000000

COMB DB-G3-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -352.145590 -2.212477 -42.802593
.000000 -47.082852 -2.433725
0.25000 -352.145590 -2.212477 -42.802593
.000000 -35.312139 -1.825293
0.50000 -352.145590 -2.212477 -42.802593
.000000 -23.541426 -1.216862
0.75000 -352.145590 -2.212477 -42.802593
.000000 -11.770713 -0.608431
1.00000 -352.145590 -2.212477 -42.802593
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.046229 2.071081 40.067150
.000000 44.073865 2.278189
0.25000 40.046229 2.071081 40.067150
.000000 33.055399 1.708642
0.50000 40.046229 2.071081 40.067150
.000000 22.036933 1.139078
0.75000 40.046229 2.071081 40.067150
.000000 11.018466 0.569498
1.00000 40.046229 2.071081 40.067150
.000000 .000000 .000000

COMB DB-G3-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -692.511010 -3.377397 -65.339142
.000000 -71.873057 -3.715137
0.25000 -692.511010 -3.377397 -65.339142
.000000 -53.904792 -2.786352
0.50000 -692.511010 -3.377397 -65.339142
.000000 -35.936528 -1.857549
0.75000 -692.511010 -3.377397 -65.339142
.000000 -17.968264 -0.928775
1.00000 -692.511010 -3.377397 -65.339142
.000000 .000000 .000000

COMB DB-G3-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 45.792750 2.897540 56.055826
.000000 61.661409 3.187294
0.25000 45.792750 2.897540 56.055826
.000000 46.246056 2.390470
0.50000 45.792750 2.897540 56.055826
.000000 30.830704 1.593633
0.75000 45.792750 2.897540 56.055826
.000000 15.415352 0.796787
1.00000 45.792750 2.897540 56.055826
.000000 .000000 .000000

COMB DB-G3-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -715.005297 -6.432807 -124.449124
.000000 -136.894037 -7.076088
0.25000 -715.005297 -6.432807 -124.449124
.000000 -102.670528 -5.307066
0.50000 -715.005297 -6.432807 -124.449124
.000000 -68.447018 -3.538028
0.75000 -715.005297 -6.432807 -124.449124
.000000 -34.223509 -1.769014
1.00000 -715.005297 -6.432807 -124.449124
.000000 .000000 .000000

COMB DL-G1-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 41.909876 7.025165 135.908885
.000000 149.499773 7.727682
0.25000 41.909876 7.025165 135.908885
.000000 112.124830 5.795761
0.50000 41.909876 7.025165 135.908885
.000000 74.749887 3.863841
0.75000 41.909876 7.025165 135.908885
.000000 37.374943 1.931682
1.00000 41.909876 7.025165 135.908885
.000000 .000000 .000000

COMB DL-G1-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -78.266233 -1.443240 -27.920922
.000000 -30.713015 -1.587564
0.25000 -78.266233 -1.443240 -27.920922
.000000 -23.034761 -1.190673
0.50000 -78.266233 -1.443240 -27.920922
.000000 -15.356507 -0.793782
0.75000 -78.266233 -1.443240 -27.920922
.000000 -7.678254 -0.396862
1.00000 -78.266233 -1.443240 -27.920922
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 50.591552 7.888646 152.613795
.000000 167.875175 8.677511
0.25000 50.591552 7.888646 152.613795
.000000 125.906381 6.508133
0.50000 50.591552 7.888646 152.613795
.000000 83.937587 4.338752
0.75000 50.591552 7.888646 152.613795
.000000 41.968794 2.169393
1.00000 50.591552 7.888646 152.613795
.000000 .000000 .000000

COMB DL-G1-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -350.176850 -5.823128 -112.654269
.000000 -123.919695 -6.405441
0.25000 -350.176850 -5.823128 -112.654269
.000000 -92.939772 -4.804081
0.50000 -350.176850 -5.823128 -112.654269
.000000 -61.959848 -3.202719
0.75000 -350.176850 -5.823128 -112.654269
.000000 -30.979924 -1.601296
1.00000 -350.176850 -5.823128 -112.654269
.000000 .000000 .000000

COMB DL-G1-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 66.285307 7.505916 145.209499
.000000 159.730449 8.256368
0.25000 66.285307 7.505916 145.209499
.000000 119.797837 6.192199
0.50000 66.285307 7.505916 145.209499
.000000 79.865225 4.127857
0.75000 66.285307 7.505916 145.209499
.000000 39.932612 2.063231
1.00000 66.285307 7.505916 145.209499
.000000 .000000 .000000

COMB DL-G1-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -715.845497 -5.229001 -101.160276
.000000 -111.276304 -5.751850
0.25000 -715.845497 -5.229001 -101.160276
.000000 -83.457228 -4.313851
0.50000 -715.845497 -5.229001 -101.160276
.000000 -55.638152 -2.875856
0.75000 -715.845497 -5.229001 -101.160276
.000000 -27.819076 -1.437741
1.00000 -715.845497 -5.229001 -101.160276
.000000 .000000 .000000

COMB DL-G1-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 69.469392 8.114759 156.988178
.000000 172.686996 8.926136
0.25000 69.469392 8.114759 156.988178
.000000 129.515247 6.694528
0.50000 69.469392 8.114759 156.988178
.000000 86.343498 4.462759
0.75000 69.469392 8.114759 156.988178
.000000 43.171749 2.230670
1.00000 69.469392 8.114759 156.988178
.000000 .000000 .000000

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -766.717984 -5.047187 -97.642903
.000000 -107.407194 -5.551872
0.25000 -766.717984 -5.047187 -97.642903
.000000 -80.555395 -4.163871
0.50000 -766.717984 -5.047187 -97.642903
.000000 -53.703597 -2.775792
0.75000 -766.717984 -5.047187 -97.642903
.000000 -26.851798 -1.387519
1.00000 -766.717984 -5.047187 -97.642903
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.322599 0.734178 14.203414
.000000 15.623755 0.807596
0.25000 24.322599 0.734178 14.203414
.000000 11.717816 0.605697
0.50000 24.322599 0.734178 14.203414
.000000 7.811877 0.403798
0.75000 24.322599 0.734178 14.203414
.000000 3.905939 0.201681
1.00000 24.322599 0.734178 14.203414
.000000 .000000 .000000

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -389.412866 -4.843573 -93.703790
.000000 -103.074169 -5.327930
0.25000 -389.412866 -4.843573 -93.703790
.000000 -77.305626 -3.995948
0.50000 -389.412866 -4.843573 -93.703790
.000000 -51.537084 -2.663965
0.75000 -389.412866 -4.843573 -93.703790
.000000 -25.768542 -1.331879
1.00000 -389.412866 -4.843573 -93.703790
.000000 .000000 .000000

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 45.531926 2.361442 45.684479
.000000 50.252927 2.597544
0.25000 45.531926 2.361442 45.684479
.000000 37.689695 1.948045
0.50000 45.531926 2.361442 45.684479
.000000 25.126463 1.298377
0.75000 45.531926 2.361442 45.684479
.000000 12.563232 0.648767
1.00000 45.531926 2.361442 45.684479
.000000 .000000 .000000

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -794.528392 -4.295435 -83.099520
.000000 -91.409472 -4.724961
0.25000 -794.528392 -4.295435 -83.099520
.000000 -68.557104 -3.543680
0.50000 -794.528392 -4.295435 -83.099520
.000000 -45.704736 -2.362381
0.75000 -794.528392 -4.295435 -83.099520
.000000 -22.852368 -1.180943
1.00000 -794.528392 -4.295435 -83.099520
.000000 .000000 .000000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 63.450231 5.475651 105.931982
.000000 116.525180 6.023135
0.25000 63.450231 5.475651 105.931982
.000000 87.393885 4.517246
0.50000 63.450231 5.475651 105.931982
.000000 58.262590 3.011295
0.75000 63.450231 5.475651 105.931982
.000000 29.131295 1.504873
1.00000 63.450231 5.475651 105.931982
.000000 .000000 .000000

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -827.421751 -5.718365 -110.627526
.000000 -121.690279 -6.290175
0.25000 -827.421751 -5.718365 -110.627526
.000000 -91.267709 -4.717584
0.50000 -827.421751 -5.718365 -110.627526
.000000 -60.845139 -3.145020
0.75000 -827.421751 -5.718365 -110.627526
.000000 -30.422570 -1.572147
1.00000 -827.421751 -5.718365 -110.627526
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 67.422930 5.173322 100.083119
.000000 110.091431 5.690537
0.25000 67.422930 5.173322 100.083119
.000000 82.568573 4.267807
0.50000 67.422930 5.173322 100.083119
.000000 55.045716 2.844807
0.75000 67.422930 5.173322 100.083119
.000000 27.522858 1.421691
1.00000 67.422930 5.173322 100.083119
.000000 .000000 .000000

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -773.748474 -5.784144 -111.900091
.000000 -123.090101 -6.362485
0.25000 -773.748474 -5.784144 -111.900091
.000000 -92.317575 -4.771898
0.50000 -773.748474 -5.784144 -111.900091
.000000 -61.545050 -3.180978
0.75000 -773.748474 -5.784144 -111.900091
.000000 -30.772525 -1.590108
1.00000 -773.748474 -5.784144 -111.900091
.000000 .000000 .000000

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 29.695975 0.449570 8.697392
.000000 9.567132 0.494459
0.25000 29.695975 0.449570 8.697392
.000000 7.175349 0.370861
0.50000 29.695975 0.449570 8.697392
.000000 4.783566 0.247155
0.75000 29.695975 0.449570 8.697392
.000000 2.391783 0.123297
1.00000 29.695975 0.449570 8.697392
.000000 .000000 .000000

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -65.722912 -2.278072 -44.071594
.000000 -48.478753 -2.505839
0.25000 -65.722912 -2.278072 -44.071594
.000000 -36.359065 -1.879335
0.50000 -65.722912 -2.278072 -44.071594
.000000 -24.239377 -1.252688
0.75000 -65.722912 -2.278072 -44.071594
.000000 -12.119688 -0.626111
1.00000 -65.722912 -2.278072 -44.071594
.000000 .000000 .000000

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.435225 3.298592 63.814588
.000000 70.196046 3.628361
0.25000 40.435225 3.298592 63.814588
.000000 52.647035 2.721295
0.50000 40.435225 3.298592 63.814588
.000000 35.098023 1.814044
0.75000 40.435225 3.298592 63.814588
.000000 17.549012 0.906722
1.00000 40.435225 3.298592 63.814588
.000000 .000000 .000000

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -368.563819 -2.782723 -53.834570
.000000 -59.218028 -3.060956
0.25000 -368.563819 -2.782723 -53.834570
.000000 -44.413521 -2.295660
0.50000 -368.563819 -2.782723 -53.834570
.000000 -29.609014 -1.530213
0.75000 -368.563819 -2.782723 -53.834570
.000000 -14.804507 -0.764682
1.00000 -368.563819 -2.782723 -53.834570
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 57.161031 2.350023 45.463565
.000000 50.009921 2.584836
0.25000 57.161031 2.350023 45.463565
.000000 37.507441 1.938627
0.50000 57.161031 2.350023 45.463565
.000000 25.004961 1.292102
0.75000 57.161031 2.350023 45.463565
.000000 12.502480 0.645239
1.00000 57.161031 2.350023 45.463565
.000000 .000000 .000000

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -705.351663 -4.179012 -80.847194
.000000 -88.931914 -4.596841
0.25000 -705.351663 -4.179012 -80.847194
.000000 -66.698935 -3.447550
0.50000 -705.351663 -4.179012 -80.847194
.000000 -44.465957 -2.298115
0.75000 -705.351663 -4.179012 -80.847194
.000000 -22.232978 -1.148489
1.00000 -705.351663 -4.179012 -80.847194
.000000 .000000 .000000

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 66.038810 3.644593 70.508320
.000000 77.559152 4.008916
0.25000 66.038810 3.644593 70.508320
.000000 58.169364 3.006657
0.50000 66.038810 3.644593 70.508320
.000000 38.779576 2.004180
0.75000 66.038810 3.644593 70.508320
.000000 19.389788 1.001287
1.00000 66.038810 3.644593 70.508320
.000000 .000000 .000000

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -746.950421 -6.803064 -131.612123
.000000 -144.773335 -7.483336
0.25000 -746.950421 -6.803064 -131.612123
.000000 -108.580001 -5.612417
0.50000 -746.950421 -6.803064 -131.612123
.000000 -72.386668 -3.741411
0.75000 -746.950421 -6.803064 -131.612123
.000000 -36.193334 -1.870194
1.00000 -746.950421 -6.803064 -131.612123
.000000 .000000 .000000

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 47.354108 6.626055 128.187692
.000000 141.006461 7.288660
0.25000 47.354108 6.626055 128.187692
.000000 105.754846 5.466495
0.50000 47.354108 6.626055 128.187692
.000000 70.503231 3.644330
0.75000 47.354108 6.626055 128.187692
.000000 35.251615 1.822132
1.00000 47.354108 6.626055 128.187692
.000000 .000000 .000000

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -799.804922 -6.432807 -124.449124
.000000 -136.894037 -7.076088
0.25000 -799.804922 -6.432807 -124.449124
.000000 -102.670528 -5.307066
0.50000 -799.804922 -6.432807 -124.449124
.000000 -68.447018 -3.538028
0.75000 -799.804922 -6.432807 -124.449124
.000000 -34.223509 -1.769014
1.00000 -799.804922 -6.432807 -124.449124
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 69.469392 8.114759 156.988178
.000000 172.686996 8.926136
0.25000 69.469392 8.114759 156.988178
.000000 129.515247 6.694528
0.50000 69.469392 8.114759 156.988178
.000000 86.343498 4.462759
0.75000 69.469392 8.114759 156.988178
.000000 43.171749 2.230670
1.00000 69.469392 8.114759 156.988178
.000000 .000000 .000000

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -827.421751 -6.803064 -131.612123
.000000 -144.773335 -7.483336
0.25000 -827.421751 -6.803064 -131.612123
.000000 -108.580001 -5.612417
0.50000 -827.421751 -6.803064 -131.612123
.000000 -72.386668 -3.741411
0.75000 -827.421751 -6.803064 -131.612123
.000000 -36.193334 -1.870194
1.00000 -827.421751 -6.803064 -131.612123
.000000 .000000 .000000

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 69.469392 8.114759 156.988178
.000000 172.686996 8.926136
0.25000 69.469392 8.114759 156.988178
.000000 129.515247 6.694528
0.50000 69.469392 8.114759 156.988178
.000000 86.343498 4.462759
0.75000 69.469392 8.114759 156.988178
.000000 43.171749 2.230670
1.00000 69.469392 8.114759 156.988178
.000000 .000000 .000000

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -827.421751 -6.803064 -131.612123
.000000 -144.773335 -7.483336
0.25000 -827.421751 -6.803064 -131.612123
.000000 -108.580001 -5.612417
0.50000 -827.421751 -6.803064 -131.612123
.000000 -72.386668 -3.741411
0.75000 -827.421751 -6.803064 -131.612123
.000000 -36.193334 -1.870194
1.00000 -827.421751 -6.803064 -131.612123
.000000 .000000 .000000

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 69.469392 8.114759 156.988178
.000000 172.686996 8.926136
0.25000 69.469392 8.114759 156.988178
.000000 129.515247 6.694528
0.50000 69.469392 8.114759 156.988178
.000000 86.343498 4.462759
0.75000 69.469392 8.114759 156.988178
.000000 43.171749 2.230670
1.00000 69.469392 8.114759 156.988178
.000000 .000000 .000000

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -827.421751 -6.803064 -131.612123
.000000 -144.773335 -7.483336
0.25000 -827.421751 -6.803064 -131.612123
.000000 -108.580001 -5.612417
0.50000 -827.421751 -6.803064 -131.612123
.000000 -72.386668 -3.741411
0.75000 -827.421751 -6.803064 -131.612123
.000000 -36.193334 -1.870194
1.00000 -827.421751 -6.803064 -131.612123
.000000 .000000 .000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 507 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 39.220133 1.652942 63.547140
.000000 77.256569 1.983530
0.25000 39.220133 1.652942 63.547140
.000000 57.192426 1.487648
0.50000 39.220133 1.652942 63.547140
.000000 38.128284 0.991765
0.75000 39.220133 1.652942 63.547140
.000000 19.064142 0.495883
1.00000 39.220133 1.652942 63.547140
.000000 .000000 .000000

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -93.695364 -0.604223 -23.229292
.000000 -27.875150 -0.725068
0.25000 -93.695364 -0.604223 -23.229292
.000000 -20.906362 -0.543801
0.50000 -93.695364 -0.604223 -23.229292
.000000 -13.937575 -0.362534
0.75000 -93.695364 -0.604223 -23.229292
.000000 -6.968787 -0.181267
1.00000 -93.695364 -0.604223 -23.229292
.000000 .000000 .000000

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 46.663231 1.857833 71.424146
.000000 85.708975 2.229399
0.25000 46.663231 1.857833 71.424146
.000000 64.281731 1.672049
0.50000 46.663231 1.857833 71.424146
.000000 42.854488 1.114700
0.75000 46.663231 1.857833 71.424146
.000000 21.427244 0.557350
1.00000 46.663231 1.857833 71.424146
.000000 .000000 .000000

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -374.870903 -3.609133 -138.752648
.000000 -166.503177 -4.330959
0.25000 -374.870903 -3.609133 -138.752648
.000000 -124.877383 -3.248219
0.50000 -374.870903 -3.609133 -138.752648
.000000 -83.251589 -2.165480
0.75000 -374.870903 -3.609133 -138.752648
.000000 -41.625794 -1.082737
1.00000 -374.870903 -3.609133 -138.752648
.000000 .000000 .000000

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 62.451180 1.809571 69.568720
.000000 83.482464 2.171485
0.25000 62.451180 1.809571 69.568720
.000000 62.611848 1.628614
0.50000 62.451180 1.809571 69.568720
.000000 41.741232 1.085742
0.75000 62.451180 1.809571 69.568720
.000000 20.870616 0.542852
1.00000 62.451180 1.809571 69.568720
.000000 .000000 .000000

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.533932 -2.946887 -113.292689
.000000 -135.951227 -3.536264
0.25000 -797.533932 -2.946887 -113.292689
.000000 -101.963420 -2.652198
0.50000 -797.533932 -2.946887 -113.292689
.000000 -67.975613 -1.768132

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -797.533932 -2.946887 -113.292689
.000000 -33.987807 -0.884066
1.00000 -797.533932 -2.946887 -113.292689
.000000 .000000 .000000

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 68.208825 3.125697 120.167037
.000000 144.200444 3.750837
0.25000 68.208825 3.125697 120.167037
.000000 108.150333 3.1813127
0.50000 68.208825 3.125697 120.167037
.000000 72.100222 1.875418
0.75000 68.208825 3.125697 120.167037
.000000 36.050111 0.937693
1.00000 68.208825 3.125697 120.167037
.000000 .000000 .000000

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -853.353433 -2.810309 -108.041971
.000000 -129.650365 -3.372368
0.25000 -853.353433 -2.810309 -108.041971
.000000 -97.237774 -2.529276
0.50000 -853.353433 -2.810309 -108.041971
.000000 -64.825182 -1.686184
0.75000 -853.353433 -2.810309 -108.041971
.000000 -32.412591 -0.843092
1.00000 -853.353433 -2.810309 -108.041971
.000000 .000000 .000000

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 24.028879 0.280603 10.787732
.000000 12.945278 0.336723
0.25000 24.028879 0.280603 10.787732
.000000 9.708958 0.252542
0.50000 24.028879 0.280603 10.787732
.000000 6.472639 0.168362
0.75000 24.028879 0.280603 10.787732
.000000 3.236319 0.084181
1.00000 24.028879 0.280603 10.787732
.000000 .000000 .000000

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -435.495468 -3.311025 -127.291923
.000000 -152.750308 -3.973229
0.25000 -435.495468 -3.311025 -127.291923
.000000 -114.562731 -2.979922
0.50000 -435.495468 -3.311025 -127.291923
.000000 -76.375154 -1.986603
0.75000 -435.495468 -3.311025 -127.291923
.000000 -38.187577 -0.993264
1.00000 -435.495468 -3.311025 -127.291923
.000000 .000000 .000000

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 45.745193 1.637246 62.943708
.000000 75.532449 1.964695
0.25000 45.745193 1.637246 62.943708
.000000 56.649337 1.473521
0.50000 45.745193 1.637246 62.943708
.000000 37.766225 0.982347
0.75000 45.745193 1.637246 62.943708
.000000 18.883112 0.491153
1.00000 45.745193 1.637246 62.943708
.000000 .000000 .000000

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -904.634096 -2.846365 -109.428135
.000000 -131.313762 -3.415638
0.25000 -904.634096 -2.846365 -109.428135
.000000 -98.485322 -2.561728
0.50000 -904.634096 -2.846365 -109.428135
.000000 -65.656881 -1.707819
0.75000 -904.634096 -2.846365 -109.428135
.000000 -32.828441 -0.853909
1.00000 -904.634096 -2.846365 -109.428135
.000000 .000000 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 61.915161 2.166449 83.288861
.000000 99.946633 2.599739
0.25000 61.915161 2.166449 83.288861
.000000 74.959975 1.949804
0.50000 61.915161 2.166449 83.288861
.000000 49.973317 1.299869
0.75000 61.915161 2.166449 83.288861
.000000 24.986658 0.649916
1.00000 61.915161 2.166449 83.288861
.000000 .000000 .000000

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -918.471643 -3.781801 -145.390855
.000000 -174.469026 -4.538161
0.25000 -918.471643 -3.781801 -145.390855
.000000 -130.851770 -3.403621
0.50000 -918.471643 -3.781801 -145.390855
.000000 -87.234513 -2.269080
0.75000 -918.471643 -3.781801 -145.390855
.000000 -43.617257 -1.134540
1.00000 -918.471643 -3.781801 -145.390855
.000000 .000000 .000000

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 67.864174 2.263449 87.017999
.000000 104.421598 2.716138
0.25000 67.864174 2.263449 87.017999
.000000 78.316199 2.037104
0.50000 67.864174 2.263449 87.017999
.000000 52.210799 1.358069
0.75000 67.864174 2.263449 87.017999
.000000 26.105400 0.679019
1.00000 67.864174 2.263449 87.017999
.000000 .000000 .000000

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-846.916819	-3.593581	-138.154758
.000000	-165.785710	-4.312297	
0.25000	-846.916819	-3.593581	-138.154758
.000000	-124.339283	-3.234223	
0.50000	-846.916819	-3.593581	-138.154758
.000000	-82.892855	-2.156148	
0.75000	-846.916819	-3.593581	-138.154758
.000000	-41.446428	-1.078074	
1.00000	-846.916819	-3.593581	-138.154758
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.062065	0.250357	9.624951
.000000	11.574941	0.300429	
0.25000	27.062065	0.250357	9.624951
.000000	8.662456	0.225321	
0.50000	27.062065	0.250357	9.624951
.000000	5.774971	0.150136	
0.75000	27.062065	0.250357	9.624951
.000000	2.887485	0.075003	
1.00000	27.062065	0.250357	9.624951
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5174
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-86.568545	-0.805494	-30.967120
.000000	-37.160544	-0.966593	
0.25000	-86.568545	-0.805494	-30.967120
.000000	-27.870408	-0.724945	
0.50000	-86.568545	-0.805494	-30.967120
.000000	-18.580272	-0.483296	
0.75000	-86.568545	-0.805494	-30.967120
.000000	-9.290136	-0.241648	
1.00000	-86.568545	-0.805494	-30.967120
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	44.188571	2.559455	98.397928
.000000	118.077513	3.071346	
0.25000	44.188571	2.559455	98.397928
.000000	88.558135	2.303510	
0.50000	44.188571	2.559455	98.397928
.000000	59.038757	1.535558	
0.75000	44.188571	2.559455	98.397928
.000000	29.519378	0.767711	
1.00000	44.188571	2.559455	98.397928
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-427.176171	-1.216093	-46.752541
.000000	-56.103050	-1.459312	
0.25000	-427.176171	-1.216093	-46.752541
.000000	-42.077287	-1.094484	
0.50000	-427.176171	-1.216093	-46.752541
.000000	-28.051525	-0.729656	
0.75000	-427.176171	-1.216093	-46.752541
.000000	-14.025762	-0.364828	
1.00000	-427.176171	-1.216093	-46.752541
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.240691	1.478655	56.846720
.000000	68.216064	1.774386	
0.25000	60.240691	1.478655	56.846720
.000000	51.162048	1.330790	
0.50000	60.240691	1.478655	56.846720
.000000	34.108032	0.887082	
0.75000	60.240691	1.478655	56.846720
.000000	17.054016	0.443468	
1.00000	60.240691	1.478655	56.846720
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-813.083157	-1.935815	-74.422161
.000000	-89.306593	-2.322978	
0.25000	-813.083157	-1.935815	-74.422161
.000000	-66.979945	-1.742233	
0.50000	-813.083157	-1.935815	-74.422161
.000000	-44.653296	-1.161489	
0.75000	-813.083157	-1.935815	-74.422161
.000000	-22.326648	-0.580744	
1.00000	-813.083157	-1.935815	-74.422161
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	67.595713	1.567680	60.269246
.000000	72.323095	1.881216	
0.25000	67.595713	1.567680	60.269246
.000000	54.242321	1.410912	
0.50000	67.595713	1.567680	60.269246
.000000	36.161547	0.940515	
0.75000	67.595713	1.567680	60.269246
.000000	18.080774	0.470197	
1.00000	67.595713	1.567680	60.269246
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5175
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-831.014922	-4.153848	-159.694157
.000000	-191.632988	-4.984617	
0.25000	-831.014922	-4.153848	-159.694157
.000000	-143.724741	-3.738463	
0.50000	-831.014922	-4.153848	-159.694157
.000000	-95.816494	-2.492309	
0.75000	-831.014922	-4.153848	-159.694157
.000000	-47.908247	-1.246153	
1.00000	-831.014922	-4.153848	-159.694157
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	53.605054	3.479565	133.771441
.000000	160.525729	4.175466	
0.25000	53.605054	3.479565	133.771441
.000000	120.394297	3.131540	
0.50000	53.605054	3.479565	133.771441
.000000	80.262865	2.087597	
0.75000	53.605054	3.479565	133.771441
.000000	40.131432	1.043516	
1.00000	53.605054	3.479565	133.771441
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-172.942091	-0.813966	-31.292809
.000000	-37.551371	-0.976749	
0.25000	-172.942091	-0.813966	-31.292809
.000000	-28.163528	-0.732575	
0.50000	-172.942091	-0.813966	-31.292809
.000000	-18.775685	-0.488347	
0.75000	-172.942091	-0.813966	-31.292809
.000000	-9.387843	-0.244146	
1.00000	-172.942091	-0.813966	-31.292809
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	63.866834	3.486607	134.042164
.000000	160.850597	4.183880	
0.25000	63.866834	3.486607	134.042164
.000000	120.637948	3.137841	
0.50000	63.866834	3.486607	134.042164
.000000	80.425298	2.091748	
0.75000	63.866834	3.486607	134.042164
.000000	40.212649	1.045597	
1.00000	63.866834	3.486607	134.042164
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-719.491510	-4.895501	-188.206927
.000000	-225.848312	-5.874563	
0.25000	-719.491510	-4.895501	-188.206927
.000000	-169.386234	-4.405966	
0.50000	-719.491510	-4.895501	-188.206927
.000000	-112.924156	-2.937257	
0.75000	-719.491510	-4.895501	-188.206927
.000000	-56.462078	-1.468644	
1.00000	-719.491510	-4.895501	-188.206927
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	85.744121	3.472079	133.483650
.000000	160.180380	4.166368	
0.25000	85.744121	3.472079	133.483650
.000000	120.135285	3.124599	
0.50000	85.744121	3.472079	133.483650
.000000	80.090190	2.082833	
0.75000	85.744121	3.472079	133.483650
.000000	40.045095	1.041017	
1.00000	85.744121	3.472079	133.483650
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5176
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1442.167	-4.443575	-170.832665
.000000	-204.999198	-5.332203	
0.25000	-1442.167	-4.443575	-170.832665
.000000	-153.749399	-3.999121	
0.50000	-1442.167	-4.443575	-170.832665
.000000	-102.499599	-2.666006	
0.75000	-1442.167	-4.443575	-170.832665
.000000	-51.249800	-1.333001	
1.00000	-1442.167	-4.443575	-170.832665
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	92.587606	4.646445	178.631980
.000000	214.358376	5.575632	
0.25000	92.587606	4.646445	178.631980
.000000	160.768782	4.181546	
0.50000	92.587606	4.646445	178.631980
.000000	107.179188	2.787418	
0.75000	92.587606	4.646445	178.631980
.000000	53.589594	1.393077	
1.00000	92.587606	4.646445	178.631980
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1556.830	-4.217307	-162.133839
.000000	-194.560606	-5.060704	
0.25000	-1556.830	-4.217307	-162.133839
.000000	-145.920455	-3.795481	
0.50000	-1556.830	-4.217307	-162.133839
.000000	-97.280303	-2.530078	
0.75000	-1556.830	-4.217307	-162.133839
.000000	-48.640152	-1.265112	
1.00000	-1556.830	-4.217307	-162.133839
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.153430	0.424778	16.330551
.000000	19.596661	0.509734	
0.25000	32.153430	0.424778	16.330551
.000000	14.697496	0.382300	
0.50000	32.153430	0.424778	16.330551
.000000	9.798330	0.254793	
0.75000	32.153430	0.424778	16.330551
.000000	4.899165	0.127260	
1.00000	32.153430	0.424778	16.330551
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-774.773190	-4.657831	-179.069743
.000000	-214.883692	-5.589398	
0.25000	-774.773190	-4.657831	-179.069743
.000000	-161.162769	-4.192048	
0.50000	-774.773190	-4.657831	-179.069743
.000000	-107.441846	-2.794659	
0.75000	-774.773190	-4.657831	-179.069743
.000000	-53.720923	-1.397345	
1.00000	-774.773190	-4.657831	-179.069743
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	62.237907	1.977201	76.013241
.000000	91.215889	2.372560	
0.25000	62.237907	1.977201	76.013241
.000000	68.411917	1.779285	
0.50000	62.237907	1.977201	76.013241
.000000	45.607945	1.186063	
0.75000	62.237907	1.977201	76.013241
.000000	22.803972	0.592892	
1.00000	62.237907	1.977201	76.013241
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5177
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1584.284	-4.124706	-158.573810
.000000	-190.288573	-4.949587	
0.25000	-1584.284	-4.124706	-158.573810
.000000	-142.716429	-3.712144	
0.50000	-1584.284	-4.124706	-158.573810
.000000	-95.144286	-2.474653	
0.75000	-1584.284	-4.124706	-158.573810
.000000	-47.572143	-1.237242	
1.00000	-1584.284	-4.124706	-158.573810
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	83.003433	2.953314	113.539799
.000000	136.247758	3.543890	
0.25000	83.003433	2.953314	113.539799
.000000	102.185819	2.657758	
0.50000	83.003433	2.953314	113.539799
.000000	68.123879	1.771675	
0.75000	83.003433	2.953314	113.539799
.000000	34.061940	0.885324	
1.00000	83.003433	2.953314	113.539799
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1668.862	-5.205041	-200.107132
.000000	-240.128558	-6.246004	
0.25000	-1668.862	-5.205041	-200.107132
.000000	-180.096419	-4.684327	
0.50000	-1668.862	-5.205041	-200.107132
.000000	-120.064279	-3.122890	
0.75000	-1668.862	-5.205041	-200.107132
.000000	-60.032140	-1.561292	
1.00000	-1668.862	-5.205041	-200.107132
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	91.216916	3.069390	118.002325
.000000	141.602790	3.683125	
0.25000	91.216916	3.069390	118.002325
.000000	106.202093	2.762141	
0.50000	91.216916	3.069390	118.002325
.000000	70.801395	1.841145	
0.75000	91.216916	3.069390	118.002325
.000000	35.400698	0.919907	
1.00000	91.216916	3.069390	118.002325
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1580.091	-5.000034	-192.225669
.000000	-230.670802	-6.000022	
0.25000	-1580.091	-5.000034	-192.225669
.000000	-173.003102	-4.499924	
0.50000	-1580.091	-5.000034	-192.225669
.000000	-115.335401	-2.999834	
0.75000	-1580.091	-5.000034	-192.225669
.000000	-57.667701	-1.499867	
1.00000	-1580.091	-5.000034	-192.225669
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	44.923117	0.397847	15.295194
.000000	18.354233	0.477335	
0.25000	44.923117	0.397847	15.295194
.000000	13.765675	0.357894	
0.50000	44.923117	0.397847	15.295194
.000000	9.177116	0.238475	
0.75000	44.923117	0.397847	15.295194
.000000	4.588558	0.118769	
1.00000	44.923117	0.397847	15.295194
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5178
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-158.209631	-1.548874	-59.546266
.000000	-71.856519	-1.856642	
0.25000	-158.209631	-1.548874	-59.546266
.000000	-53.591639	-1.393913	
0.50000	-158.209631	-1.548874	-59.546266
.000000	-35.727759	-0.929188	
0.75000	-158.209631	-1.548874	-59.546266
.000000	-17.863880	-0.464463	
1.00000	-158.209631	-1.548874	-59.546266
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.480713	3.059544	117.623786
.000000	141.148544	3.671307	
0.25000	60.480713	3.059544	117.623786
.000000	105.861408	2.753402	
0.50000	60.480713	3.059544	117.623786
.000000	70.574272	1.835477	
0.75000	60.480713	3.059544	117.623786
.000000	35.287136	0.917630	
1.00000	60.480713	3.059544	117.623786
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-769.321894	-1.970662	-75.761842
.000000	-90.914210	-2.364810	
0.25000	-769.321894	-1.970662	-75.761842
.000000	-68.185657	-1.773495	
0.50000	-769.321894	-1.970662	-75.761842
.000000	-45.457105	-1.182219	
0.75000	-769.321894	-1.970662	-75.761842
.000000	-22.728552	-0.590958	
1.00000	-769.321894	-1.970662	-75.761842
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	82.324155	2.153530	82.792208
.000000	99.350649	2.584022	
0.25000	82.324155	2.153530	82.792208
.000000	74.512987	1.937885	
0.50000	82.324155	2.153530	82.792208
.000000	49.675325	1.291676	
0.75000	82.324155	2.153530	82.792208
.000000	24.837662	0.645035	
1.00000	82.324155	2.153530	82.792208
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1431.830	-3.406190	-130.950543
.000000	-157.140652	-4.087430	
0.25000	-1431.830	-3.406190	-130.950543
.000000	-117.855489	-3.065338	
0.50000	-1431.830	-3.406190	-130.950543
.000000	-78.570326	-2.043530	
0.75000	-1431.830	-3.406190	-130.950543
.000000	-39.285163	-1.021492	
1.00000	-1431.830	-3.406190	-130.950543
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	91.348368	2.374998	91.306485
.000000	109.567782	2.849826	
0.25000	91.348368	2.374998	91.306485
.000000	82.175837	2.137259	
0.50000	91.348368	2.374998	91.306485
.000000	54.783891	1.424601	
0.75000	91.348368	2.374998	91.306485
.000000	27.391946	0.711498	
1.00000	91.348368	2.374998	91.306485
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5179
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1523.569	-5.884349	-226.223055
.000000	-271.467666	-7.061241	
0.25000	-1523.569	-5.884349	-226.223055
.000000	-203.600750	-5.295717	
0.50000	-1523.569	-5.884349	-226.223055
.000000	-135.733833	-3.530435	
0.75000	-1523.569	-5.884349	-226.223055
.000000	-67.866917	-1.764857	
1.00000	-1523.569	-5.884349	-226.223055
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	68.208825	3.125697	120.167037
.000000	144.200444	3.750837	
0.25000	68.208825	3.125697	120.167037
.000000	108.150333	2.813127	
0.50000	68.208825	3.125697	120.167037
.000000	72.100222	1.875418	
0.75000	68.208825	3.125697	120.167037
.000000	36.050111	0.937693	
1.00000	68.208825	3.125697	120.167037
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-918.471643	-4.153848	-159.694157
.000000	-191.632988	-4.984617	
0.25000	-918.471643	-4.153848	-159.694157
.000000	-143.724741	-3.738463	
0.50000	-918.471643	-4.153848	-159.694157
.000000	-95.816494	-2.492309	
0.75000	-918.471643	-4.153848	-159.694157
.000000	-47.908247	-1.246153	
1.00000	-918.471643	-4.153848	-159.694157
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	92.587606	4.646445	178.631980
.000000	214.358376	5.575632	
0.25000	92.587606	4.646445	178.631980
.000000	160.768782	4.181546	
0.50000	92.587606	4.646445	178.631980
.000000	107.179188	2.787418	
0.75000	92.587606	4.646445	178.631980
.000000	53.589594	1.393077	
1.00000	92.587606	4.646445	178.631980
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1668.862	-5.884349	-226.223055
.000000	-271.467666	-7.061241	
0.25000	-1668.862	-5.884349	-226.223055
.000000	-203.600750	-5.295717	
0.50000	-1668.862	-5.884349	-226.223055
.000000	-135.733833	-3.530435	
0.75000	-1668.862	-5.884349	-226.223055
.000000	-67.866917	-1.764857	
1.00000	-1668.862	-5.884349	-226.223055
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	92.587606	4.646445	178.631980
.000000	214.358376	5.575632	
0.25000	92.587606	4.646445	178.631980
.000000	160.768782	4.181546	
0.50000	92.587606	4.646445	178.631980
.000000	107.179188	2.787418	
0.75000	92.587606	4.646445	178.631980
.000000	53.589594	1.393077	
1.00000	92.587606	4.646445	178.631980
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5180
< MOVING LOAD >

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1668.862	-5.884349	-226.223055
.000000	-271.467666	-7.061241	
0.25000	-1668.862	-5.884349	-226.223055
.000000	-203.600750	-5.295717	
0.50000	-1668.862	-5.884349	-226.223055
.000000	-135.733833	-3.530435	
0.75000	-1668.862	-5.884349	-226.223055
.000000	-67.866917	-1.764857	
1.00000	-1668.862	-5.884349	-226.223055
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	92.587606	4.646445	178.631980
.000000	214.358376	5.575632	
0.25000	92.587606	4.646445	178.631980
.000000	160.768782	4.181546	
0.50000	92.587606	4.646445	178.631980
.000000	107.179188	2.787418	
0.75000	92.587606	4.646445	178.631980
.000000	53.589594	1.393077	
1.00000	92.587606	4.646445	178.631980
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1668.862	-5.884349	-226.223055
.000000	-271.467666	-7.061241	
0.25000	-1668.862	-5.884349	-226.223055
.000000	-203.600750	-5.295717	
0.50000	-1668.862	-5.884349	-226.223055
.000000	-135.733833	-3.530435	
0.75000	-1668.862	-5.884349	-226.223055
.000000	-67.866917	-1.764857	
1.00000	-1668.862	-5.884349	-226.223055
.000000	.000000	.000000	

ELEM 508 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	39.188561	.000000	48.795159
.000000	58.554191	.000000	
0.25000	39.188561	.000000	48.795159
.000000	43.915643	.000000	
0.50000	39.188561	.000000	48.795159
.000000	29.277096	.000000	
0.75000	39.188561	.000000	48.795159
.000000	14.638548	.000000	
1.00000	39.188561	.000000	48.795159
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-79.034442	.000000	-9.753553
.000000	-11.704263	.000000	
0.25000	-79.034442	.000000	-9.753553
.000000	-8.778197	.000000	
0.50000	-79.034442	.000000	-9.753553
.000000	-5.852132	.000000	
0.75000	-79.034442	.000000	-9.753553
.000000	-2.926066	.000000	
1.00000	-79.034442	.000000	-9.753553
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	65.087563	.000000	46.416458
.000000	55.699750	.000000	
0.25000	65.087563	.000000	46.416458
.000000	41.774812	.000000	
0.50000	65.087563	.000000	46.416458
.000000	27.849875	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5181

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	65.087563	.000000	46.416458
.000000	13.924937	.000000	
1.00000	65.087563	.000000	46.416458
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-357.334506	.000000	-124.148838
.000000	-148.978606	.000000	
0.25000	-357.334506	.000000	-124.148838
.000000	-111.733954	.000000	
0.50000	-357.334506	.000000	-124.148838
.000000	-74.489303	.000000	
0.75000	-357.334506	.000000	-124.148838
.000000	-37.244651	.000000	
1.00000	-357.334506	.000000	-124.148838
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	86.450257	.000000	41.530837
.000000	49.837004	.000000	
0.25000	86.450257	.000000	41.530837
.000000	37.377753	.000000	
0.50000	86.450257	.000000	41.530837
.000000	24.918502	.000000	
0.75000	86.450257	.000000	41.530837
.000000	12.459251	.000000	
1.00000	86.450257	.000000	41.530837
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-781.554004	.000000	-88.984890
.000000	-106.781868	.000000	
0.25000	-781.554004	.000000	-88.984890
.000000	-80.086401	.000000	
0.50000	-781.554004	.000000	-88.984890
.000000	-53.390934	.000000	
0.75000	-781.554004	.000000	-88.984890
.000000	-26.695467	.000000	
1.00000	-781.554004	.000000	-88.984890
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	93.825134	.000000	97.664613
.000000	117.197535	.000000	
0.25000	93.825134	.000000	97.664613
.000000	87.898152	.000000	
0.50000	93.825134	.000000	97.664613
.000000	58.598768	.000000	
0.75000	93.825134	.000000	97.664613
.000000	29.299384	.000000	
1.00000	93.825134	.000000	97.664613
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-837.625857	.000000	-82.621289
.000000	-99.715547	.000000	
0.25000	-837.625857	.000000	-82.621289
.000000	-74.359160	.000000	
0.50000	-837.625857	.000000	-82.621289
.000000	-49.572773	.000000	
0.75000	-837.625857	.000000	-82.621289
.000000	-24.786387	.000000	
1.00000	-837.625857	.000000	-82.621289
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	32.887702	.000000	0.783831
.000000	0.940597	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5182

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	32.887702	.000000	0.783831
.000000	0.705448	.000000	
0.50000	32.887702	.000000	0.783831
.000000	0.470298	.000000	
0.75000	32.887702	.000000	0.783831
.000000	0.235149	.000000	
1.00000	32.887702	.000000	0.783831
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-434.562515	.000000	-128.872208
.000000	-154.646650	.000000	
0.25000	-434.562515	.000000	-128.872208
.000000	-115.984987	.000000	
0.50000	-434.562515	.000000	-128.872208
.000000	-77.323325	.000000	
0.75000	-434.562515	.000000	-128.872208
.000000	-38.661662	.000000	
1.00000	-434.562515	.000000	-128.872208
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	62.411295	.000000	50.271510
.000000	60.325812	.000000	
0.25000	62.411295	.000000	50.271510
.000000	45.244359	.000000	
0.50000	62.411295	.000000	50.271510
.000000	30.162906	.000000	
0.75000	62.411295	.000000	50.271510
.000000	15.081453	.000000	
1.00000	62.411295	.000000	50.271510
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-903.910050	.000000	-96.480553
.000000	-115.776664	.000000	
0.25000	-903.910050	.000000	-96.480553
.000000	-86.832498	.000000	
0.50000	-903.910050	.000000	-96.480553
.000000	-57.888332	.000000	
0.75000	-903.910050	.000000	-96.480553
.000000	-28.944166	.000000	
1.00000	-903.910050	.000000	-96.480553
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	85.205055	.000000	62.861690
.000000	75.434027	.000000	
0.25000	85.205055	.000000	62.861690
.000000	56.575521	.000000	
0.50000	85.205055	.000000	62.861690
.000000	37.717014	.000000	
0.75000	85.205055	.000000	62.861690
.000000	18.858507	.000000	
1.00000	85.205055	.000000	62.861690
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-908.525153	.000000	-131.711962
.000000	-158.054355	.000000	
0.25000	-908.525153	.000000	-131.711962
.000000	-118.540766	.000000	
0.50000	-908.525153	.000000	-131.711962
.000000	-79.027177	.000000	
0.75000	-908.525153	.000000	-131.711962
.000000	-39.513589	.000000	
1.00000	-908.525153	.000000	-131.711962
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5183

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	92.755363	.000000	70.384485
.000000	84.461382	.000000	
0.25000	92.755363	.000000	70.384485
.000000	63.346036	.000000	
0.50000	92.755363	.000000	70.384485
.000000	42.230691	.000000	
0.75000	92.755363	.000000	70.384485
.000000	21.115345	.000000	
1.00000	92.755363	.000000	70.384485
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-831.706523	.000000	-121.687886
.000000	-146.025464	.000000	
0.25000	-831.706523	.000000	-121.687886
.000000	-109.519098	.000000	
0.50000	-831.706523	.000000	-121.687886
.000000	-73.012732	.000000	
0.75000	-831.706523	.000000	-121.687886
.000000	-36.506366	.000000	
1.00000	-831.706523	.000000	-121.687886
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	33.193306	.000000	9.501338
.000000	11.401605	.000000	
0.25000	33.193306	.000000	9.501338
.000000	8.551204	.000000	
0.50000	33.193306	.000000	9.501338
.000000	5.700803	.000000	
0.75000	33.193306	.000000	9.501338
.000000	2.850401	.000000	
1.00000	33.193306	.000000	9.501338
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-72.252824	.000000	-24.203379
.000000	-29.044055	.000000	
0.25000	-72.252824	.000000	-24.203379
.000000	-21.783041	.000000	
0.50000	-72.252824	.000000	-24.203379
.000000	-14.522028	.000000	
0.75000	-72.252824	.000000	-24.203379
.000000	-7.261014	.000000	
1.00000	-72.252824	.000000	-24.203379
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	59.264495	.000000	99.679621
.000000	119.615546	.000000	
0.25000	59.264495	.000000	99.679621
.000000	89.711659	.000000	
0.50000	59.264495	.000000	99.679621
.000000	59.807773	.000000	
0.75000	59.264495	.000000	99.679621
.000000	29.903886	.000000	
1.00000	59.264495	.000000	99.679621
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-411.674485	.000000	-33.266260
.000000	-39.919512	.000000	
0.25000	-411.674485	.000000	-33.266260
.000000	-29.939634	.000000	
0.50000	-411.674485	.000000	-33.266260
.000000	-19.959756	.000000	
0.75000	-411.674485	.000000	-33.266260
.000000	-9.979878	.000000	
1.00000	-411.674485	.000000	-33.266260
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5184

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	81.286127	.000000	47.991009
.000000	57.589211	.000000	
0.25000	81.286127	.000000	47.991009
.000000	43.191908	.000000	
0.50000	81.286127	.000000	47.991009
.000000	28.794606	.000000	
0.75000	81.286127	.000000	47.991009
.000000	14.397303	.000000	
1.00000	81.286127	.000000	47.991009
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-798.513388	.000000	-54.815606
.000000	-65.778728	.000000	
0.25000	-798.513388	.000000	-54.815606
.000000	-49.334046	.000000	
0.50000	-798.513388	.000000	-54.815606
.000000	-32.889364	.000000	
0.75000	-798.513388	.000000	-54.815606
.000000	-16.444682	.000000	
1.00000	-798.513388	.000000	-54.815606
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	91.880330	.000000	46.250085
.000000	55.500102	.000000	
0.25000	91.880330	.000000	46.250085
.000000	41.625077	.000000	
0.50000	91.880330	.000000	46.250085
.000000	27.750051	.000000	
0.75000	91.880330	.000000	46.250085
.000000	13.875026	.000000	
1.00000	91.880330	.000000	46.250085
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-814.389882	.000000	-143.505318
.000000	-172.206381	.000000	
0.25000	-814.389882	.000000	-143.505318
.000000	-129.154786	.000000	
0.50000	-814.389882	.000000	-143.505318
.000000	-86.103191	.000000	
0.75000	-814.389882	.000000	-143.505318
.000000	-43.051595	.000000	
1.00000	-814.389882	.000000	-143.505318
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	95.422610	.000000	117.951640
.000000	141.541968	.000000	
0.25000	95.422610	.000000	117.951640
.000000	106.156476	.000000	
0.50000	95.422610	.000000	117.951640
.000000	70.770984	.000000	
0.75000	95.422610	.000000	117.951640
.000000	35.385492	.000000	
1.00000	95.422610	.000000	117.951640
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-164.513408	.000000	-17.211840
.000000	-20.654209	.000000	
0.25000	-164.513408	.000000	-17.211840
.000000	-15.490656	.000000	
0.50000	-164.513408	.000000	-17.211840
.000000	-10.327104	.000000	
0.75000	-164.513408	.000000	-17.211840
.000000	-5.163552	.000000	
1.00000	-164.513408	.000000	-17.211840
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5185

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	143.904261	.000000	102.019744
.000000	122.423693	.000000	
0.25000	143.904261	.000000	102.019744
.000000	91.817770	.000000	
0.50000	143.904261	.000000	102.019744
.000000	61.211847	.000000	
0.75000	143.904261	.000000	102.019744
.000000	30.605923	.000000	
1.00000	143.904261	.000000	102.019744
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-700.361937	.000000	-166.532891
.000000	-199.839469	.000000	
0.25000	-700.361937	.000000	-166.532891
.000000	-149.879602	.000000	
0.50000	-700.361937	.000000	-166.532891
.000000	-99.919735	.000000	
0.75000	-700.361937	.000000	-166.532891
.000000	-49.959867	.000000	
1.00000	-700.361937	.000000	-166.532891
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	191.480340	.000000	96.994582
.000000	116.393498	.000000	
0.25000	191.480340	.000000	96.994582
.000000	87.295124	.000000	
0.50000	191.480340	.000000	96.994582
.000000	58.196749	.000000	
0.75000	191.480340	.000000	96.994582
.000000	29.098375	.000000	
1.00000	191.480340	.000000	96.994582
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1413.192	.000000	-134.800394
.000000	-161.760472	.000000	
0.25000	-1413.192	.000000	-134.800394
.000000	-121.320354	.000000	
0.50000	-1413.192	.000000	-134.800394
.000000	-80.880236	.000000	
0.75000	-1413.192	.000000	-134.800394
.000000	-40.440118	.000000	
1.00000	-1413.192	.000000	-134.800394
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	203.709596	.000000	148.000951
.000000	177.601141	.000000	
0.25000	203.709596	.000000	148.000951
.000000	133.200856	.000000	
0.50000	203.709596	.000000	148.000951
.000000	88.800571	.000000	
0.75000	203.709596	.000000	148.000951
.000000	44.400285	.000000	
1.00000	203.709596	.000000	148.000951
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1525.200	.000000	-123.432735
.000000	-148.119282	.000000	
0.25000	-1525.200	.000000	-123.432735
.000000	-111.089461	.000000	
0.50000	-1525.200	.000000	-123.432735
.000000	-74.059641	.000000	
0.75000	-1525.200	.000000	-123.432735
.000000	-37.029820	.000000	
1.00000	-1525.200	.000000	-123.432735
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5186

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	71.183933	.000000	0.757193
.000000	0.908631	.000000	
0.25000	71.183933	.000000	0.757193
.000000	0.681473	.000000	
0.50000	71.183933	.000000	0.757193
.000000	0.454316	.000000	
0.75000	71.183933	.000000	0.757193
.000000	0.227158	.000000	
1.00000	71.183933	.000000	0.757193
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-761.664406	.000000	-170.034772
.000000	-204.041726	.000000	
0.25000	-761.664406	.000000	-170.034772
.000000	-153.031295	.000000	
0.50000	-761.664406	.000000	-170.034772
.000000	-102.020863	.000000	
0.75000	-761.664406	.000000	-170.034772
.000000	-51.010432	.000000	
1.00000	-761.664406	.000000	-170.034772
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	135.608946	.000000	53.011996
.000000	63.614395	.000000	
0.25000	135.608946	.000000	53.011996
.000000	47.710796	.000000	
0.50000	135.608946	.000000	53.011996
.000000	31.807197	.000000	
0.75000	135.608946	.000000	53.011996
.000000	15.903599	.000000	
1.00000	135.608946	.000000	53.011996
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1559.462	.000000	-131.299441
.000000	-157.559329	.000000	
0.25000	-1559.462	.000000	-131.299441
.000000	-118.169497	.000000	
0.50000	-1559.462	.000000	-131.299441
.000000	-78.779665	.000000	
0.75000	-1559.462	.000000	-131.299441
.000000	-39.389832	.000000	
1.00000	-1559.462	.000000	-131.299441
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	184.802245	.000000	75.999918
.000000	91.199902	.000000	
0.25000	184.802245	.000000	75.999918
.000000	68.399926	.000000	
0.50000	184.802245	.000000	75.999918
.000000	45.599951	.000000	
0.75000	184.802245	.000000	75.999918
.000000	22.799975	.000000	
1.00000	184.802245	.000000	75.999918
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.563	.000000	-165.458480
.000000	-198.550176	.000000	
0.25000	-1638.563	.000000	-165.458480
.000000	-148.912632	.000000	
0.50000	-1638.563	.000000	-165.458480
.000000	-99.275088	.000000	
0.75000	-1638.563	.000000	-165.458480
.000000	-49.637544	.000000	
1.00000	-1638.563	.000000	-165.458480
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5187

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	199.454459	.000000	86.449401
.000000	103.739281	.000000	
0.25000	199.454459	.000000	86.449401
.000000	77.804461	.000000	
0.50000	199.454459	.000000	86.449401
.000000	51.869640	.000000	
0.75000	199.454459	.000000	86.449401
.000000	25.934820	.000000	
1.00000	199.454459	.000000	86.449401
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1547.279	.000000	-154.832017
.000000	-185.798420	.000000	
0.25000	-1547.279	.000000	-154.832017
.000000	-139.348815	.000000	
0.50000	-1547.279	.000000	-154.832017
.000000	-92.899210	.000000	
0.75000	-1547.279	.000000	-154.832017
.000000	-46.449605	.000000	
1.00000	-1547.279	.000000	-154.832017
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	78.122431	.000000	14.645950
.000000	17.575141	.000000	
0.25000	78.122431	.000000	14.645950
.000000	13.181355	.000000	
0.50000	78.122431	.000000	14.645950
.000000	8.787570	.000000	
0.75000	78.122431	.000000	14.645950
.000000	4.393785	.000000	
1.00000	78.122431	.000000	14.645950
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -146.791757 .000000 -47.059508
.000000 -56.471410 .000000
0.25000 -146.791757 .000000 -47.059508
.000000 -42.353558 .000000
0.50000 -146.791757 .000000 -47.059508
.000000 -28.235705 .000000
0.75000 -146.791757 .000000 -47.059508
.000000 -14.117853 .000000
1.00000 -146.791757 .000000 -47.059508
.000000 .000000 .000000

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 125.608673 .000000 114.965002
.000000 137.955702 .000000
0.25000 125.608673 .000000 114.965002
.000000 103.468502 .000000
0.50000 125.608673 .000000 114.965002
.000000 68.979001 .000000
0.75000 125.608673 .000000 114.965002
.000000 34.489501 .000000
1.00000 125.608673 .000000 114.965002
.000000 .000000 .000000

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -748.081615 .000000 -51.464341
.000000 -61.757209 .000000
0.25000 -748.081615 .000000 -51.464341
.000000 -46.317907 .000000
0.50000 -748.081615 .000000 -51.464341
.000000 -30.878605 .000000
0.75000 -748.081615 .000000 -51.464341
.000000 -15.439302 .000000
1.00000 -748.081615 .000000 -51.464341
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5188

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 174.411354 .000000 66.267986
.000000 79.521583 .000000
0.25000 174.411354 .000000 66.267986
.000000 59.641188 .000000
0.50000 174.411354 .000000 66.267986
.000000 39.760792 .000000
0.75000 174.411354 .000000 66.267986
.000000 19.880396 .000000
1.00000 174.411354 .000000 66.267986
.000000 .000000 .000000

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1401.082 .000000 -95.691662
.000000 -114.829994 .000000
0.25000 -1401.082 .000000 -95.691662
.000000 -86.122496 .000000
0.50000 -1401.082 .000000 -95.691662
.000000 -57.414997 .000000
0.75000 -1401.082 .000000 -95.691662
.000000 -28.707499 .000000
1.00000 -1401.082 .000000 -95.691662
.000000 .000000 .000000

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 197.436257 .000000 63.991397
.000000 76.789677 .000000
0.25000 197.436257 .000000 63.991397
.000000 57.592258 .000000
0.50000 197.436257 .000000 63.991397
.000000 38.394838 .000000
0.75000 197.436257 .000000 63.991397
.000000 19.197419 .000000
1.00000 197.436257 .000000 63.991397
.000000 .000000 .000000

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1490.224 .000000 -189.677718
.000000 -227.613262 .000000
0.25000 -1490.224 .000000 -189.677718
.000000 -170.709947 .000000
0.50000 -1490.224 .000000 -189.677718
.000000 -113.806631 .000000
0.75000 -1490.224 .000000 -189.677718
.000000 -56.903316 .000000
1.00000 -1490.224 .000000 -189.677718
.000000 .000000 .000000

COMB DB ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 93.825134 .000000 99.679621
.000000 119.615546 .000000
0.25000 93.825134 .000000 99.679621
.000000 89.711659 .000000
0.50000 93.825134 .000000 99.679621
.000000 59.807773 .000000
0.75000 93.825134 .000000 99.679621
.000000 29.903886 .000000
1.00000 93.825134 .000000 99.679621
.000000 .000000 .000000

COMB DB ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -908.525153 .000000 -143.505318
.000000 -172.206381 .000000
0.25000 -908.525153 .000000 -143.505318
.000000 -129.154786 .000000
0.50000 -908.525153 .000000 -143.505318
.000000 -86.103191 .000000
0.75000 -908.525153 .000000 -143.505318
.000000 -43.051595 .000000
1.00000 -908.525153 .000000 -143.505318
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5189

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 203.709596 .000000 148.000951
.000000 177.601141 .000000
0.25000 203.709596 .000000 148.000951
.000000 133.200856 .000000
0.50000 203.709596 .000000 148.000951
.000000 88.800571 .000000
0.75000 203.709596 .000000 148.000951
.000000 44.400285 .000000
1.00000 203.709596 .000000 148.000951
.000000 .000000 .000000

COMB DL ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1638.563 .000000 -189.677718
.000000 -227.613262 .000000
0.25000 -1638.563 .000000 -189.677718
.000000 -170.709947 .000000
0.50000 -1638.563 .000000 -189.677718
.000000 -113.806631 .000000
0.75000 -1638.563 .000000 -189.677718
.000000 -56.903316 .000000
1.00000 -1638.563 .000000 -189.677718
.000000 .000000 .000000

COMB CAR ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 203.709596 .000000 148.000951
.000000 177.601141 .000000
0.25000 203.709596 .000000 148.000951
.000000 133.200856 .000000
0.50000 203.709596 .000000 148.000951
.000000 88.800571 .000000
0.75000 203.709596 .000000 148.000951
.000000 44.400285 .000000
1.00000 203.709596 .000000 148.000951
.000000 .000000 .000000

COMB CAR ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1638.563 .000000 -189.677718
.000000 -227.613262 .000000
0.25000 -1638.563 .000000 -189.677718
.000000 -170.709947 .000000
0.50000 -1638.563 .000000 -189.677718
.000000 -113.806631 .000000
0.75000 -1638.563 .000000 -189.677718
.000000 -56.903316 .000000
1.00000 -1638.563 .000000 -189.677718
.000000 .000000 .000000

COMB DESIGN ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 203.709596 .000000 148.000951
.000000 177.601141 .000000
0.25000 203.709596 .000000 148.000951
.000000 133.200856 .000000
0.50000 203.709596 .000000 148.000951
.000000 88.800571 .000000
0.75000 203.709596 .000000 148.000951
.000000 44.400285 .000000
1.00000 203.709596 .000000 148.000951
.000000 .000000 .000000

COMB DESIGN ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1638.563 .000000 -189.677718
.000000 -227.613262 .000000
0.25000 -1638.563 .000000 -189.677718
.000000 -170.709947 .000000
0.50000 -1638.563 .000000 -189.677718
.000000 -113.806631 .000000
0.75000 -1638.563 .000000 -189.677718
.000000 -56.903316 .000000
1.00000 -1638.563 .000000 -189.677718
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5190

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 509 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 39.195826 10.459143 47.683225
.000000 57.219870 12.550971
0.25000 39.195826 10.459143 47.683225
.000000 42.914903 9.413228
0.50000 39.195826 10.459143 47.683225
.000000 28.609935 6.275486
0.75000 39.195826 10.459143 47.683225
.000000 14.304968 3.137743
1.00000 39.195826 10.459143 47.683225
.000000 .000000 .000000

COMB DB-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -79.867516 -12.522560 -7.871198
.000000 -9.445437 -15.027071
0.25000 -79.867516 -12.522560 -7.871198
.000000 -7.084078 -11.270304
0.50000 -79.867516 -12.522560 -7.871198
.000000 -4.722719 -7.513536
0.75000 -79.867516 -12.522560 -7.871198
.000000 -2.361359 -3.756768
1.00000 -79.867516 -12.522560 -7.871198
.000000 .000000 .000000

COMB DB-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 65.145605 19.530051 42.504104
.000000 51.004924 23.436062
0.25000 65.145605 19.530051 42.504104
.000000 38.253693 17.577046
0.50000 65.145605 19.530051 42.504104
.000000 25.502462 11.718031
0.75000 65.145605 19.530051 42.504104
.000000 12.751231 5.859015
1.00000 65.145605 19.530051 42.504104
.000000 .000000 .000000

COMB DB-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -358.313368 -17.819747 -121.997570
.000000 -146.397084 -21.383696
0.25000 -358.313368 -17.819747 -121.997570
.000000 -109.797813 -16.037772
0.50000 -358.313368 -17.819747 -121.997570
.000000 -73.198542 -10.691848
0.75000 -358.313368 -17.819747 -121.997570
.000000 -36.599271 -5.345924
1.00000 -358.313368 -17.819747 -121.997570
.000000 .000000 .000000

COMB DB-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 86.560038 30.871099 37.972345
.000000 45.566814 37.045319
0.25000 86.560038 30.871099 37.972345
.000000 34.175110 27.783989
0.50000 86.560038 30.871099 37.972345
.000000 22.783407 18.522660
0.75000 86.560038 30.871099 37.972345
.000000 11.391703 9.261330
1.00000 86.560038 30.871099 37.972345
.000000 .000000 .000000

COMB DB-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -782.452650 -29.819451 -86.347297
.000000 -103.616756 -35.783341
0.25000 -782.452650 -29.819451 -86.347297
.000000 -77.712567 -26.837506
0.50000 -782.452650 -29.819451 -86.347297
.000000 -51.808378 -17.891670
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5191

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -782.452650 -29.819451 -86.347297
.000000 -25.904189 -8.945835
1.00000 -782.452650 -29.819451 -86.347297
.000000 .000000 .000000

COMB DB-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 93.935355 28.177573 94.034510
.000000 112.841412 33.813087
0.25000 93.935355 28.177573 94.034510
.000000 84.631059 25.359815
0.50000 93.935355 28.177573 94.034510
.000000 56.420706 16.906544
0.75000 93.935355 28.177573 94.034510
.000000 28.210353 8.453272
1.00000 93.935355 28.177573 94.034510
.000000 .000000 .000000

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -838.224843 -29.434056 -78.734558
.000000 -94.481469 -35.320868
0.25000 -838.224843 -29.434056 -78.734558
.000000 -70.861102 -26.490651
0.50000 -838.224843 -29.434056 -78.734558
.000000 -47.240735 -17.660434
0.75000 -838.224843 -29.434056 -78.734558
.000000 -23.620367 -8.830217
1.00000 -838.224843 -29.434056 -78.734558
.000000 .000000 .000000

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 33.003316 14.398306 0.801524
.000000 0.961829 17.277967
0.25000 33.003316 14.398306 0.801524
.000000 0.721372 12.958476
0.50000 33.003316 14.398306 0.801524
.000000 0.480914 8.638984
0.75000 33.003316 14.398306 0.801524
.000000 0.240457 4.319492
1.00000 33.003316 14.398306 0.801524
.000000 .000000 .000000

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -434.531585 -10.586297 -128.843601
.000000 -154.612321 -12.703556
0.25000 -434.531585 -10.586297 -128.843601
.000000 -115.959241 -9.527667
0.50000 -434.531585 -10.586297 -128.843601
.000000 -77.306161 -6.351778
0.75000 -434.531585 -10.586297 -128.843601
.000000 -38.653080 -3.175889
1.00000 -434.531585 -10.586297 -128.843601
.000000 .000000 .000000

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 62.562849 25.036839 49.473232
.000000 59.367879 30.044207
0.25000 62.562849 25.036839 49.473232
.000000 44.525909 22.533155
0.50000 62.562849 25.036839 49.473232
.000000 29.683939 15.022103
0.75000 62.562849 25.036839 49.473232
.000000 14.841970 7.511052
1.00000 62.562849 25.036839 49.473232
.000000 .000000 .000000

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -903.898639 -23.848675 -95.076980
.000000 -114.092376 -28.618410
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5192

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -903.898639 -23.848675 -95.076980
.000000 -85.569282 -21.463808
0.50000 -903.898639 -23.848675 -95.076980
.000000 -57.046188 -14.309205
0.75000 -903.898639 -23.848675 -95.076980
.000000 -28.523094 -7.154603
1.00000 -903.898639 -23.848675 -95.076980
.000000 .000000 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 85.358021 28.558036 59.914289
.000000 71.897147 34.269643
0.25000 85.358021 28.558036 59.914289
.000000 53.922860 25.702232
0.50000 85.358021 28.558036 59.914289
.000000 35.948573 17.134822
0.75000 85.358021 28.558036 59.914289
.000000 17.974287 8.567411
1.00000 85.358021 28.558036 59.914289
.000000 .000000 .000000

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -909.170677 -26.170298 -130.039613
.000000 -156.047536 -31.404357
0.25000 -909.170677 -26.170298 -130.039613
.000000 -117.035652 -23.553268
0.50000 -909.170677 -26.170298 -130.039613
.000000 -78.023768 -15.702179
0.75000 -909.170677 -26.170298 -130.039613
.000000 -39.011884 -7.851089
1.00000 -909.170677 -26.170298 -130.039613
.000000 .000000 .000000

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 92.913236 26.922744 67.695663
.000000 81.234795 32.307293
0.25000 92.913236 26.922744 67.695663
.000000 60.926097 24.230470
0.50000 92.913236 26.922744 67.695663
.000000 40.617398 16.153647
0.75000 92.913236 26.922744 67.695663
.000000 20.308699 8.076823
1.00000 92.913236 26.922744 67.695663
.000000 .000000 .000000

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -831.880634 -25.854214 -118.321692
.000000 -141.986031 -31.025057
0.25000 -831.880634 -25.854214 -118.321692
.000000 -106.489523 -23.268793
0.50000 -831.880634 -25.854214 -118.321692
.000000 -70.993015 -15.512528
0.75000 -831.880634 -25.854214 -118.321692
.000000 -35.496508 -7.756264
1.00000 -831.880634 -25.854214 -118.321692
.000000 .000000 .000000

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 33.256311 9.347107 7.768425
.000000 9.322110 11.216528
0.25000 33.256311 9.347107 7.768425
.000000 6.991583 8.412396
0.50000 33.256311 9.347107 7.768425
.000000 4.661055 5.608264
0.75000 33.256311 9.347107 7.768425
.000000 2.330528 2.804132
1.00000 33.256311 9.347107 7.768425
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5193

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -71.706235 -9.114712 -20.976253
.000000 -25.171503 -10.937655
0.25000 -71.706235 -9.114712 -20.976253
.000000 -18.878627 -8.203241
0.50000 -71.706235 -9.114712 -20.976253
.000000 -12.585752 -5.468827
0.75000 -71.706235 -9.114712 -20.976253
.000000 -6.292876 -2.734414
1.00000 -71.706235 -9.114712 -20.976253
.000000 .000000 .000000

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 59.349880 15.298245 97.619360
.000000 117.143232 18.357895
0.25000 59.349880 15.298245 97.619360
.000000 87.857424 13.768421
0.50000 59.349880 15.298245 97.619360
.000000 58.571616 9.178947
0.75000 59.349880 15.298245 97.619360
.000000 29.285808 4.589474
1.00000 59.349880 15.298245 97.619360
.000000 .000000 .000000

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -411.044243 -17.884714 -28.444645
.000000 -34.133574 -21.461657
0.25000 -411.044243 -17.884714 -28.444645
.000000 -25.600181 -16.096243
0.50000 -411.044243 -17.884714 -28.444645
.000000 -17.066787 -10.730829
0.75000 -411.044243 -17.884714 -28.444645
.000000 -8.533394 -5.365414
1.00000 -411.044243 -17.884714 -28.444645
.000000 .000000 .000000

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 81.449090 27.990103 46.408148
.000000 55.689777 33.588124
0.25000 81.449090 27.990103 46.408148
.000000 41.767333 25.191093
0.50000 81.449090 27.990103 46.408148
.000000 27.844889 16.794062
0.75000 81.449090 27.990103 46.408148
.000000 13.922444 8.397031
1.00000 81.449090 27.990103 46.408148
.000000 .000000 .000000

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.923438 -28.196536 -50.255096
.000000 -60.306115 -33.835843
0.25000 -797.923438 -28.196536 -50.255096
.000000 -45.229586 -25.376882
0.50000 -797.923438 -28.196536 -50.255096
.000000 -30.153058 -16.917922
0.75000 -797.923438 -28.196536 -50.255096
.000000 -15.076529 -8.458961
1.00000 -797.923438 -28.196536 -50.255096
.000000 .000000 .000000

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 92.069225 28.810921 43.832595
.000000 52.599114 34.573106
0.25000 92.069225 28.810921 43.832595
.000000 39.449336 25.929829
0.50000 92.069225 28.810921 43.832595
.000000 26.299557 17.286553
0.75000 92.069225 28.810921 43.832595
.000000 13.149779 8.643276
1.00000 92.069225 28.810921 43.832595
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5194

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -814.218157 -26.230812 -139.520654
.000000 -167.424785 -31.476974
0.25000 -814.218157 -26.230812 -139.520654
.000000 -125.568589 -23.607731
0.50000 -814.218157 -26.230812 -139.520654
.000000 -83.712393 -15.738487
0.75000 -814.218157 -26.230812 -139.520654
.000000 -41.856196 -7.869244
1.00000 -814.218157 -26.230812 -139.520654
.000000 .000000 .000000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 94.645259 17.652359 116.376159
.000000 139.651391 21.182831
0.25000 94.645259 17.652359 116.376159
.000000 104.738543 15.887123
0.50000 94.645259 17.652359 116.376159
.000000 69.825696 10.591415
0.75000 94.645259 17.652359 116.376159
.000000 34.912848 5.295708
1.00000 94.645259 17.652359 116.376159
.000000 .000000 .000000

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -164.252611 -18.697737 -14.297816
.000000 -17.157379 -22.437284
0.25000 -164.252611 -18.697737 -14.297816
.000000 -12.868035 -16.827963
0.50000 -164.252611 -18.697737 -14.297816
.000000 -8.578690 -11.218642
0.75000 -164.252611 -18.697737 -14.297816
.000000 -4.289345 -5.609321
1.00000 -164.252611 -18.697737 -14.297816
.000000 .000000 .000000

COMB DL-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	143.116795	28.826619	98.732770
.000000	118.479324	34.591942	
0.25000	143.116795	28.826619	98.732770
.000000	88.859493	25.943957	
0.50000	143.116795	28.826619	98.732770
.000000	59.239662	17.295971	
0.75000	143.116795	28.826619	98.732770
.000000	29.619831	8.647986	
1.00000	143.116795	28.826619	98.732770
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-699.855972	-28.451624	-163.573935
.000000	-196.288722	-34.141949	
0.25000	-699.855972	-28.451624	-163.573935
.000000	-147.216541	-25.606462	
0.50000	-699.855972	-28.451624	-163.573935
.000000	-98.144361	-17.070974	
0.75000	-699.855972	-28.451624	-163.573935
.000000	-49.072180	-8.535487	
1.00000	-699.855972	-28.451624	-163.573935
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	190.943726	38.761687	93.576406
.000000	112.291688	46.514024	
0.25000	190.943726	38.761687	93.576406
.000000	84.218766	34.885518	
0.50000	190.943726	38.761687	93.576406
.000000	56.145844	23.257012	
0.75000	190.943726	38.761687	93.576406
.000000	28.072922	11.628506	
1.00000	190.943726	38.761687	93.576406
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5195

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1412.880	-38.698745	-131.303698
.000000	-157.564437	-46.438494	
0.25000	-1412.880	-38.698745	-131.303698
.000000	-118.173328	-34.828871	
0.50000	-1412.880	-38.698745	-131.303698
.000000	-78.782219	-23.219247	
0.75000	-1412.880	-38.698745	-131.303698
.000000	-39.391109	-11.609623	
1.00000	-1412.880	-38.698745	-131.303698
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	203.466920	36.543977	144.586995
.000000	173.504393	43.852772	
0.25000	203.466920	36.543977	144.586995
.000000	130.128295	32.889579	
0.50000	203.466920	36.543977	144.586995
.000000	86.752197	21.926386	
0.75000	203.466920	36.543977	144.586995
.000000	43.376098	10.963189	
1.00000	203.466920	36.543977	144.586995
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1525.125	-37.527508	-119.145462
.000000	-142.974555	-45.033010	
0.25000	-1525.125	-37.527508	-119.145462
.000000	-107.230916	-33.774757	
0.50000	-1525.125	-37.527508	-119.145462
.000000	-71.487277	-22.516505	
0.75000	-1525.125	-37.527508	-119.145462
.000000	-35.743639	-11.258254	
1.00000	-1525.125	-37.527508	-119.145462
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	71.318068	17.681436	0.702114
.000000	0.842537	21.217723	
0.25000	71.318068	17.681436	0.702114
.000000	0.631903	15.913292	
0.50000	71.318068	17.681436	0.702114
.000000	0.421269	10.608862	
0.75000	71.318068	17.681436	0.702114
.000000	0.210634	5.304431	
1.00000	71.318068	17.681436	0.702114
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-761.485834	-16.089375	-170.337891
.000000	-204.405469	-19.307250	
0.25000	-761.485834	-16.089375	-170.337891
.000000	-153.304102	-14.480437	
0.50000	-761.485834	-16.089375	-170.337891
.000000	-102.202734	-9.653625	
0.75000	-761.485834	-16.089375	-170.337891
.000000	-51.101367	-4.826812	
1.00000	-761.485834	-16.089375	-170.337891
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	135.933334	28.804968	52.099322
.000000	62.519186	34.565962	
0.25000	135.933334	28.804968	52.099322
.000000	46.889389	25.924471	
0.50000	135.933334	28.804968	52.099322
.000000	31.259593	17.282981	
0.75000	135.933334	28.804968	52.099322
.000000	15.629796	8.641490	
1.00000	135.933334	28.804968	52.099322
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5196

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1559.546	-28.581083	-130.243870
.000000	-156.292644	-34.297299	
0.25000	-1559.546	-28.581083	-130.243870
.000000	-117.219483	-25.722974	
0.50000	-1559.546	-28.581083	-130.243870
.000000	-78.146322	-17.148650	
0.75000	-1559.546	-28.581083	-130.243870
.000000	-39.073161	-8.574325	
1.00000	-1559.546	-28.581083	-130.243870
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	184.664391	33.537347	73.167618
.000000	87.801141	40.244816	
0.25000	184.664391	33.537347	73.167618
.000000	65.850856	30.183612	
0.50000	184.664391	33.537347	73.167618
.000000	43.900571	20.122408	
0.75000	184.664391	33.537347	73.167618
.000000	21.950285	10.061204	
1.00000	184.664391	33.537347	73.167618
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.434	-32.652292	-163.154591
.000000	-195.785509	-39.182750	
0.25000	-1638.434	-32.652292	-163.154591
.000000	-146.839132	-29.387063	
0.50000	-1638.434	-32.652292	-163.154591
.000000	-97.892755	-19.591375	
0.75000	-1638.434	-32.652292	-163.154591
.000000	-48.946377	-9.795688	
1.00000	-1638.434	-32.652292	-163.154591
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	199.612792	31.851830	83.179600
.000000	99.815521	38.222196	
0.25000	199.612792	31.851830	83.179600
.000000	74.861640	28.666647	
0.50000	199.612792	31.851830	83.179600
.000000	49.907760	19.111098	
0.75000	199.612792	31.851830	83.179600
.000000	24.953880	9.555543	
1.00000	199.612792	31.851830	83.179600
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1547.278	-31.619056	-151.228504
.000000	-181.474204	-37.942867	
0.25000	-1547.278	-31.619056	-151.228504
.000000	-136.105653	-28.457151	
0.50000	-1547.278	-31.619056	-151.228504
.000000	-90.737102	-18.971434	
0.75000	-1547.278	-31.619056	-151.228504
.000000	-45.368551	-9.485717	
1.00000	-1547.278	-31.619056	-151.228504
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	78.580177	11.299422	12.510042
.000000	15.012050	13.559306	
0.25000	78.580177	11.299422	12.510042
.000000	11.259038	10.169480	
0.50000	78.580177	11.299422	12.510042
.000000	7.506025	6.779653	
0.75000	78.580177	11.299422	12.510042
.000000	3.753013	3.389827	
1.00000	78.580177	11.299422	12.510042
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5197

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-146.938190	-11.395227	-44.420793
.000000	-53.304951	-13.674273	
0.25000	-146.938190	-11.395227	-44.420793
.000000	-39.978713	-10.255705	
0.50000	-146.938190	-11.395227	-44.420793
.000000	-26.652476	-6.837136	
0.75000	-146.938190	-11.395227	-44.420793
.000000	-13.326238	-3.418568	
1.00000	-146.938190	-11.395227	-44.420793
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	126.285599	19.763202	112.182206
.000000	134.618648	23.715842	
0.25000	126.285599	19.763202	112.182206
.000000	100.963986	17.786882	
0.50000	126.285599	19.763202	112.182206
.000000	67.309324	11.857921	
0.75000	126.285599	19.763202	112.182206
.000000	33.654662	5.928961	
1.00000	126.285599	19.763202	112.182206
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-748.492345	-21.276809	-47.342261
.000000	-56.810713	-25.532171	
0.25000	-748.492345	-21.276809	-47.342261
.000000	-42.608035	-19.149128	
0.50000	-748.492345	-21.276809	-47.342261
.000000	-28.405357	-12.766086	
0.75000	-748.492345	-21.276809	-47.342261
.000000	-14.202678	-6.383043	
1.00000	-748.492345	-21.276809	-47.342261
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	175.174784	31.966612	63.366979
.000000	76.040375	38.359935	
0.25000	175.174784	31.966612	63.366979
.000000	57.030281	28.769951	
0.50000	175.174784	31.966612	63.366979
.000000	38.020187	19.179967	
0.75000	175.174784	31.966612	63.366979
.000000	19.010094	9.589984	
1.00000	175.174784	31.966612	63.366979
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1401.412	-32.338149	-91.938809
.000000	-110.226570	-38.805779	
0.25000	-1401.412	-32.338149	-91.938809
.000000	-82.744928	-29.104334	
0.50000	-1401.412	-32.338149	-91.938809
.000000	-55.163285	-19.402889	
0.75000	-1401.412	-32.338149	-91.938809
.000000	-27.581643	-9.701445	
1.00000	-1401.412	-32.338149	-91.938809
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	197.894105	33.773698	60.548694
.000000	72.658433	40.528438	
0.25000	197.894105	33.773698	60.548694
.000000	54.493825	30.396329	
0.50000	197.894105	33.773698	60.548694
.000000	36.329217	20.264219	
0.75000	197.894105	33.773698	60.548694
.000000	18.164608	10.132110	
1.00000	197.894105	33.773698	60.548694
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5198

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1490.286	-33.282978	-186.052915
.000000	-223.263497	-39.939573	
0.25000	-1490.286	-33.282978	-186.052915
.000000	-167.447623	-29.954680	
0.50000	-1490.286	-33.282978	-186.052915
.000000	-111.631749	-19.969787	
0.75000	-1490.286	-33.282978	-186.052915
.000000	-55.815874	-9.984902	
1.00000	-1490.286	-33.282978	-186.052915
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	93.935355	30.871099	97.619360
.000000	117.143232	37.045319	
0.25000	93.935355	30.871099	97.619360
.000000	87.857424	27.783989	
0.50000	93.935355	30.871099	97.619360
.000000	58.571616	18.522660	
0.75000	93.935355	30.871099	97.619360
.000000	29.285808	9.261330	
1.00000	93.935355	30.871099	97.619360
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-909.170677	-29.819451	-139.520654
.000000	-167.424785	-35.783341	
0.25000	-909.170677	-29.819451	-139.520654
.000000	-125.568589	-26.837506	
0.50000	-909.170677	-29.819451	-139.520654
.000000	-83.712393	-17.891670	
0.75000	-909.170677	-29.819451	-139.520654
.000000	-41.856196	-8.945835	
1.00000	-909.170677	-29.819451	-139.520654
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	203.466920	38.761687	144.586995
.000000	173.504393	46.514024	
0.25000	203.466920	38.761687	144.586995
.000000	130.128295	34.885518	
0.50000	203.466920	38.761687	144.586995
.000000	86.752197	23.257012	
0.75000	203.466920	38.761687	144.586995
.000000	43.376098	11.628506	
1.00000	203.466920	38.761687	144.586995
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.434	-38.698745	-186.052915
.000000	-223.263497	-46.438494	
0.25000	-1638.434	-38.698745	-186.052915
.000000	-167.447623	-34.828871	
0.50000	-1638.434	-38.698745	-186.052915
.000000	-111.631749	-23.219247	
0.75000	-1638.434	-38.698745	-186.052915
.000000	-55.815874	-11.609623	
1.00000	-1638.434	-38.698745	-186.052915
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	203.466920	38.761687	144.586995
.000000	173.504393	46.514024	
0.25000	203.466920	38.761687	144.586995
.000000	130.128295	34.885518	
0.50000	203.466920	38.761687	144.586995
.000000	86.752197	23.257012	
0.75000	203.466920	38.761687	144.586995
.000000	43.376098	11.628506	
1.00000	203.466920	38.761687	144.586995
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5199

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.434	-38.698745	-186.052915
.000000	-223.263497	-46.438494	
0.25000	-1638.434	-38.698745	-186.052915
.000000	-167.447623	-34.828871	
0.50000	-1638.434	-38.698745	-186.052915
.000000	-111.631749	-23.219247	
0.75000	-1638.434	-38.698745	-186.052915
.000000	-55.815874	-11.609623	
1.00000	-1638.434	-38.698745	-186.052915
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	203.466920	38.761687	144.586995
.000000	173.504393	46.514024	
0.25000	203.466920	38.761687	144.586995
.000000	130.128295	34.885518	
0.50000	203.466920	38.761687	144.586995
.000000	86.752197	23.257012	
0.75000	203.466920	38.761687	144.586995
.000000	43.376098	11.628506	
1.00000	203.466920	38.761687	144.586995
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1638.434	-38.698745	-186.052915
.000000	-223.263497	-46.438494	
0.25000	-1638.434	-38.698745	-186.052915
.000000	-167.447623	-34.828871	
0.50000	-1638.434	-38.698745	-186.052915
.000000	-111.631749	-23.219247	
0.75000	-1638.434	-38.698745	-186.052915
.000000	-55.815874	-11.609623	
1.00000	-1638.434	-38.698745	-186.052915
.000000	.000000	.000000	

ELEM 510 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	39.165080	0.515425	48.465769
.000000	58.158923	0.618510	
0.25000	39.165080	0.515425	48.465769
.000000	43.619192	0.463883	
0.50000	39.165080	0.515425	48.465769
.000000	29.079461	0.309255	
0.75000	39.165080	0.515425	48.465769
.000000	14.539731	0.154616	
1.00000	39.165080	0.515425	48.465769
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-99.925559	-2.522171	-9.904353
.000000	-11.885223	-3.026605	
0.25000	-99.925559	-2.522171	-9.904353
.000000	-8.913917	-2.269954	
0.50000	-99.925559	-2.522171	-9.904353
.000000	-5.942612	-1.513303	
0.75000	-99.925559	-2.522171	-9.904353
.000000	-2.971306	-0.756651	
1.00000	-99.925559	-2.522171	-9.904353
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	51.603041	6.457850	46.292823
.000000	55.551387	7.749420	
0.25000	51.603041	6.457850	46.292823
.000000	41.663541	5.812065	
0.50000	51.603041	6.457850	46.292823
.000000	27.775694	3.874710	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5200

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	51.603041	6.457850	46.292823
.000000	13.887847	1.937347	
1.00000	51.603041	6.457850	46.292823
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-381.903627	-2.409091	-124.093342
.000000	-148.912010	-2.890909	
0.25000	-381.903627	-2.409091	-124.093342
.000000	-111.684007	-2.168182	
0.50000	-381.903627	-2.409091	-124.093342
.000000	-74.456005	-1.445454	
0.75000	-381.903627	-2.409091	-124.093342
.000000	-37.228002	-0.722727	
1.00000	-381.903627	-2.409091	-124.093342
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	67.869243	4.637716	41.559750
.000000	49.871700	5.565259	
0.25000	67.869243	4.637716	41.559750
.000000	37.403775	4.173944	
0.50000	67.869243	4.637716	41.559750
.000000	24.935850	2.782630	
0.75000	67.869243	4.637716	41.559750
.000000	12.467925	1.391300	
1.00000	67.869243	4.637716	41.559750
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-804.225333	-2.162780	-89.117846
.000000	-106.941416	-2.595336	
0.25000	-804.225333	-2.162780	-89.117846
.000000	-80.206062	-1.946502	
0.50000	-804.225333	-2.162780	-89.117846
.000000	-53.470708	-1.297668	
0.75000	-804.225333	-2.162780	-89.117846
.000000	-26.735354	-0.648834	
1.00000	-804.225333	-2.162780	-89.117846
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	72.981197	4.338549	97.531937
.000000	117.038324	5.206258	
0.25000	72.981197	4.338549	97.531937
.000000	87.778743	3.904694	
0.50000	72.981197	4.338549	97.531937
.000000	58.519162	2.603129	
0.75000	72.981197	4.338549	97.531937
.000000	29.259581	1.301558	
1.00000	72.981197	4.338549	97.531937
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-859.656390	-5.075587	-83.369080
.000000	-100.042896	-6.090703	
0.25000	-859.656390	-5.075587	-83.369080
.000000	-75.032172	-4.568027	
0.50000	-859.656390	-5.075587	-83.369080
.000000	-50.021448	-3.045324	
0.75000	-859.656390	-5.075587	-83.369080
.000000	-25.010724	-1.522648	
1.00000	-859.656390	-5.075587	-83.369080
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	25.725557	6.692382	0.754270
.000000	0.905124	8.030858	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5201

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	25.725557	6.692382	0.754270
.000000	0.678843	6.023144	
0.50000	25.725557	6.692382	0.754270
.000000	0.452562	4.015429	
0.75000	25.725557	6.692382	0.754270
.000000	0.226281	2.007705	
1.00000	25.725557	6.692382	0.754270
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-434.998142	-0.039252	-128.600084
.000000	-154.320101	-0.047103	
0.25000	-434.998142	-0.039252	-128.600084
.000000	-115.740076	-0.035327	
0.50000	-434.998142	-0.039252	-128.600084
.000000	-77.160051	-0.023551	
0.75000	-434.998142	-0.039252	-128.600084
.000000	-38.580025	-0.011776	
1.00000	-434.998142	-0.039252	-128.600084
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	48.213455	5.027637	50.213343
.000000	60.256012	6.033165	
0.25000	48.213455	5.027637	50.213343
.000000	45.192009	4.524874	
0.50000	48.213455	5.027637	50.213343
.000000	30.128006	3.016582	
0.75000	48.213455	5.027637	50.213343

```
   .000000    15.064003     1.508291
1.00000     48.213455     5.027637    50.213343
   .000000     .000000     .000000

COMB DB-G2-2 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -904.711676     -2.613115    -96.610534
   .000000 -115.932640     -3.135736
0.25000 -904.711676     -2.613115    -96.610534
   .000000    -86.949480    -2.351802
0.50000 -904.711676     -2.613115    -96.610534
   .000000    -57.966320    -1.567836
0.75000 -904.711676     -2.613115    -96.610534
   .000000    -28.983160    -0.783897
1.00000 -904.711676     -2.613115    -96.610534
   .000000     .000000     .000000

COMB DB-G2-3 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    66.479370     6.848657    64.461165
   .000000    77.353398     8.218388
0.25000    66.479370     6.848657    64.461165
   .000000    58.015048     6.163791
0.50000    66.479370     6.848657    64.461165
   .000000    38.676699     4.109194
0.75000    66.479370     6.848657    64.461165
   .000000    19.338349     2.054597
1.00000    66.479370     6.848657    64.461165
   .000000     .000000     .000000

COMB DB-G2-3 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -923.507965     -3.354576    -131.603042
   .000000 -157.923651     -4.025488
0.25000 -923.507965     -3.354576    -131.603042
   .000000 -118.442738     -3.019116
0.50000 -923.507965     -3.354576    -131.603042
   .000000    -78.961825    -2.012727
0.75000 -923.507965     -3.354576    -131.603042
   .000000    -39.480913    -1.006340
1.00000 -923.507965     -3.354576    -131.603042
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5202

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    71.789720     6.371612    71.530480
   .000000    85.836576     7.645934
0.25000    71.789720     6.371612    71.530480
   .000000    64.377432     5.734451
0.50000    71.789720     6.371612    71.530480
   .000000    42.918288     3.822967
0.75000    71.789720     6.371612    71.530480
   .000000    21.459144     1.911484
1.00000    71.789720     6.371612    71.530480
   .000000     .000000     .000000

COMB DB-G2-4 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -852.120568     -3.722465    -122.436203
   .000000 -146.923444     -4.466956
0.25000 -852.120568     -3.722465    -122.436203
   .000000 -110.192583     -3.350217
0.50000 -852.120568     -3.722465    -122.436203
   .000000    -73.461722    -2.233453
0.75000 -852.120568     -3.722465    -122.436203
   .000000    -36.730861    -1.116711
1.00000 -852.120568     -3.722465    -122.436203
   .000000     .000000     .000000

COMB DB-G3-1 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    27.166405     1.310303     9.648711
   .000000    11.577453     1.572364
0.25000    27.166405     1.310303     9.648711
   .000000     8.683840     1.179273
0.50000    27.166405     1.310303     9.648711
   .000000     5.789226     0.786182
0.75000    27.166405     1.310303     9.648711
   .000000     2.894613     0.393091
1.00000    27.166405     1.310303     9.648711
   .000000     .000000     .000000

COMB DB-G3-1 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -88.202451    -0.502121    -25.178640
   .000000    -30.214368    -0.602546
0.25000    -88.202451    -0.502121    -25.178640
   .000000    -22.660776    -0.451909
0.50000    -88.202451    -0.502121    -25.178640
   .000000    -15.107184    -0.301273
0.75000    -88.202451    -0.502121    -25.178640
   .000000     -7.553592    -0.150619
1.00000    -88.202451    -0.502121    -25.178640
   .000000     .000000     .000000

COMB DB-G3-2 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    44.794235     1.805776    99.554282
   .000000   119.465139     2.166931
0.25000    44.794235     1.805776    99.554282
   .000000    89.598854     1.625198
0.50000    44.794235     1.805776    99.554282
   .000000    59.732569     1.083466
0.75000    44.794235     1.805776    99.554282
   .000000    29.866285     0.541733
1.00000    44.794235     1.805776    99.554282
   .000000     .000000     .000000

COMB DB-G3-2 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -429.560342     -5.180831    -34.699596
   .000000    -41.639515    -6.216997
0.25000 -429.560342     -5.180831    -34.699596
   .000000    -31.229636    -4.662748
0.50000 -429.560342     -5.180831    -34.699596
   .000000    -20.819757    -3.108498
0.75000 -429.560342     -5.180831    -34.699596
   .000000    -10.409879    -1.554229
1.00000 -429.560342     -5.180831    -34.699596
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5203

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    62.023708     2.922865    48.133680
   .000000    57.760417     3.507438
0.25000    62.023708     2.922865    48.133680
   .000000    43.320312     2.630579
0.50000    62.023708     2.922865    48.133680
   .000000    28.880208     1.753719
0.75000    62.023708     2.922865    48.133680
   .000000    14.440104     0.876860
1.00000    62.023708     2.922865    48.133680
   .000000     .000000     .000000

COMB DB-G3-3 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -815.074900     -2.504889    -56.165462
   .000000 -67.398555     -3.005864
0.25000 -815.074900     -2.504889    -56.165462
   .000000 -50.548916     -2.254328
0.50000 -815.074900     -2.504889    -56.165462
   .000000 -33.699277     -1.502924
0.75000 -815.074900     -2.504889    -56.165462
   .000000 -16.849639     -0.751422
1.00000 -815.074900     -2.504889    -56.165462
   .000000     .000000     .000000

COMB DB-G3-4 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    70.824027     7.514616    47.380154
   .000000    56.856184     9.017540
0.25000    70.824027     7.514616    47.380154
   .000000    42.642138     6.763155
0.50000    70.824027     7.514616    47.380154
   .000000    28.428092     4.508770
0.75000    70.824027     7.514616    47.380154
   .000000    14.214046     2.254385
1.00000    70.824027     7.514616    47.380154
   .000000     .000000     .000000

COMB DB-G3-4 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -834.976669     -2.465676    -144.400053
   .000000 -173.280063     -2.958808
0.25000 -834.976669     -2.465676    -144.400053
   .000000 -129.960048     -2.219106
0.50000 -834.976669     -2.465676    -144.400053
   .000000    -86.640032    -1.479382
0.75000 -834.976669     -2.465676    -144.400053
   .000000    -43.320016    -0.739659
1.00000 -834.976669     -2.465676    -144.400053
   .000000     .000000     .000000

COMB DL-G1-1 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    59.552247     0.659933    124.437777
   .000000   149.325332     0.791920
0.25000    59.552247     0.659933    124.437777
   .000000   111.993999     0.593948
0.50000    59.552247     0.659933    124.437777
   .000000    74.662666     0.395862
0.75000    59.552247     0.659933    124.437777
   .000000    37.331333     0.197809
1.00000    59.552247     0.659933    124.437777
   .000000     .000000     .000000

COMB DL-G1-1 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -183.599398     -6.475774    -12.681200
   .000000    -15.217440    -7.770929
0.25000 -183.599398     -6.475774    -12.681200
   .000000    -11.413080    -5.828224
0.50000 -183.599398     -6.475774    -12.681200
   .000000     -7.608720    -3.885063
0.75000 -183.599398     -6.475774    -12.681200
   .000000     -3.804360    -1.941902
1.00000 -183.599398     -6.475774    -12.681200
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5204

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    75.339668     8.256030    109.075535
   .000000   130.890642     9.907200
0.25000    75.339668     8.256030    109.075535
   .000000    98.167982     7.430377
0.50000    75.339668     8.256030    109.075535
   .000000    65.445321     4.953396
0.75000    75.339668     8.256030    109.075535
   .000000    32.722661     2.476721
1.00000    75.339668     8.256030    109.075535
   .000000     .000000     .000000

COMB DL-G1-2 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -734.420476     -5.676319    -158.646984
   .000000 -190.376380     -6.811542
0.25000 -734.420476     -5.676319    -158.646984
   .000000 -142.782285     -5.108519
0.50000 -734.420476     -5.676319    -158.646984
   .000000    -95.188190    -3.405204
0.75000 -734.420476     -5.676319    -158.646984
   .000000    -47.594095    -1.701998
1.00000 -734.420476     -5.676319    -158.646984
   .000000     .000000     .000000

COMB DL-G1-3 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    98.714586     6.714401    103.460065
   .000000   124.152078     8.057648
0.25000    98.714586     6.715401    103.460065
   .000000    93.114058     6.042718
0.50000    98.714586     6.715401    103.460065
   .000000    62.076039     4.028374
0.75000    98.714586     6.715401    103.460065
   .000000    31.038019     2.014068
1.00000    98.714586     6.715401    103.460065
   .000000     .000000     .000000

COMB DL-G1-3 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1458.682    -5.384089    -129.042419
   .000000 -154.850903     -6.460447
0.25000    -1458.682    -5.384089    -129.042419
   .000000 -116.138177     -4.845045
0.50000    -1458.682    -5.384089    -129.042419
   .000000    -77.425452    -3.229740
0.75000    -1458.682    -5.384089    -129.042419
   .000000    -38.712726    -1.614558
1.00000    -1458.682    -5.384089    -129.042419
   .000000     .000000     .000000

COMB DL-G1-4 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000   104.396669     6.290769    151.116129
   .000000   181.339355     7.548288
0.25000   104.396669     6.290769    151.116129
   .000000   136.004517     5.660788
0.50000   104.396669     6.290769    151.116129
   .000000    90.669678     3.773612
0.75000   104.396669     6.290769    151.116129
   .000000    45.334839     1.886525
1.00000   104.396669     6.290769    151.116129
   .000000     .000000     .000000

COMB DL-G1-4 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1572.317    -7.864123    -120.882729
   .000000 -145.059275     -9.436498
0.25000    -1572.317    -7.864123    -120.882729
   .000000 -108.794456     -7.077386
0.50000    -1572.317    -7.864123    -120.882729
   .000000    -72.529638    -4.717914
0.75000    -1572.317    -7.864123    -120.882729
   .000000    -36.264819    -2.358524
1.00000    -1572.317    -7.864123    -120.882729
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5205

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    36.359116     8.713563     0.702967
   .000000     0.843560    10.456275
0.25000    36.359116     8.713563     0.702967
   .000000     0.632670     7.842206
0.50000    36.359116     8.713563     0.702967
   .000000     0.421780     5.228138
0.75000    36.359116     8.713563     0.702967
   .000000     0.210890     2.614372
1.00000    36.359116     8.713563     0.702967
   .000000     .000000     .000000

COMB DL-G2-1 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -778.484938     -0.036583    -167.438872
   .000000 -200.926647     -0.043899
0.25000 -778.484938     -0.036583    -167.438872
   .000000 -150.694985     -0.032924
0.50000 -778.484938     -0.036583    -167.438872
   .000000 -100.463323     -0.021950
0.75000 -778.484938     -0.036583    -167.438872
   .000000    -50.231662    -0.010975
1.00000 -778.484938     -0.036583    -167.438872
   .000000     .000000     .000000

COMB DL-G2-2 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    68.696543     6.812003    52.110464
   .000000    62.532557     8.173677
0.25000    68.696543     6.812003    52.110464
   .000000    46.899418     6.129707
0.50000    68.696543     6.812003    52.110464
   .000000    31.266279     4.086527
0.75000    68.696543     6.812003    52.110464
   .000000    15.633139     2.043125
1.00000    68.696543     6.812003    52.110464
   .000000     .000000     .000000

COMB DL-G2-2 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1591.143    -2.711842    -130.898711
   .000000 -157.078454     -3.253627
0.25000    -1591.143    -2.711842    -130.898711
   .000000 -117.808840     -2.440008
0.50000    -1591.143    -2.711842    -130.898711
   .000000    -78.539227    -1.626515
0.75000    -1591.143    -2.711842    -130.898711
   .000000    -39.269613    -0.813241
1.00000    -1591.143    -2.711842    -130.898711
   .000000     .000000     .000000

COMB DL-G2-3 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    94.236631     8.400763    79.689738
   .000000    95.627686    10.080276
0.25000    94.236631     8.400763    79.689738
   .000000    71.720765     7.559742
0.50000    94.236631     8.400763    79.689738
   .000000    47.813843     5.039873
0.75000    94.236631     8.400763    79.689738
   .000000    23.906922     2.519939
1.00000    94.236631     8.400763    79.689738
   .000000     .000000     .000000

COMB DL-G2-3 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1682.600    -4.147075    -161.428143
   .000000 -193.713772     -4.973785
0.25000    -1682.600    -4.147075    -161.428143
   .000000 -145.285329     -3.731846
0.50000    -1682.600    -4.147075    -161.428143
   .000000    -96.856886    -2.487974
0.75000    -1682.600    -4.147075    -161.428143
   .000000    -48.428443    -1.243386
1.00000    -1682.600    -4.147075    -161.428143
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5206

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000   101.369952     8.050423    87.094344
   .000000   104.513213     9.659859
0.25000   101.369952     8.050423    87.094344
   .000000    78.384910     7.245102
0.50000   101.369952     8.050423    87.094344
   .000000    52.256606     4.829876
0.75000   101.369952     8.050423    87.094344
   .000000    26.128303     2.414611
1.00000   101.369952     8.050423    87.094344
   .000000     .000000     .000000

COMB DL-G2-4 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1592.976    -4.532412    -154.696057
   .000000 -185.635268     -5.438444
0.25000    -1592.976    -4.532412    -154.696057
   .000000 -139.226451     -4.078659
0.50000    -1592.976    -4.532412    -154.696057
   .000000    -92.817634    -2.719044
0.75000    -1592.976    -4.532412    -154.696057
   .000000    -46.408817    -1.359200
1.00000    -1592.976    -4.532412    -154.696057
   .000000     .000000     .000000

COMB DL-G3-1 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    46.042895     2.754916    11.336550
   .000000    13.603860     3.305925
0.25000    46.042895     2.754916    11.336550
   .000000    10.202895     2.479406
0.50000    46.042895     2.754916    11.336550
   .000000     6.801930     1.653216
0.75000    46.042895     2.754916    11.336550
   .000000     3.400965     0.826117
1.00000    46.042895     2.754916    11.336550
   .000000     .000000     .000000

COMB DL-G3-1 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -160.081332     -0.589957    -52.938172
   .000000    -63.525806    -0.707997
0.25000 -160.081332     -0.589957    -52.938172
   .000000    -47.644355    -0.530976
0.50000 -160.081332     -0.589957    -52.938172
   .000000    -31.762903    -0.354029
0.75000 -160.081332     -0.589957    -52.938172
   .000000    -15.881452    -0.177040
1.00000 -160.081332     -0.589957    -52.938172
   .000000     .000000     .000000

COMB DL-G3-2 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    63.208531     3.068182    109.392425
   .000000   131.270910     3.681551
0.25000    63.208531     3.068182    109.392425
   .000000    98.453183     2.761241
0.50000    63.208531     3.068182    109.392425
   .000000    65.635455     1.841110
0.75000    63.208531     3.068182    109.392425
   .000000    32.817728     0.919997
1.00000    63.208531     3.068182    109.392425
   .000000     .000000     .000000

COMB DL-G3-2 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -773.750460     -5.692810    -58.957856
   .000000    -70.749428    -6.831357
0.25000 -773.750460     -5.692810    -58.957856
   .000000    -53.062071    -5.123528
0.50000 -773.750460     -5.692810    -58.957856
   .000000    -35.374714    -3.415730
0.75000 -773.750460     -5.692810    -58.957856
   .000000    -17.687357    -1.707875
1.00000 -773.750460     -5.692810    -58.957856
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5207

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    87.933342     5.321648    61.816339
   .000000    74.179607     6.651845
0.25000    87.933342     5.321648    61.816339
   .000000    55.634705     4.788788
0.50000    87.933342     5.321648    61.816339
   .000000    37.089803     3.192586
0.75000    87.933342     5.321648    61.816339
   .000000    18.544902     1.595693
1.00000    87.933342     5.321648    61.816339
   .000000     .000000     .000000

COMB DL-G3-3 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1438.738    -3.216938    -102.260215
   .000000 -122.712258     -3.859649
0.25000    -1438.738    -3.216938    -102.260215
   .000000    -92.034193    -2.894731
0.50000    -1438.738    -3.216938    -102.260215
   .000000    -61.356129    -1.929908
0.75000    -1438.738    -3.216938    -102.260215
   .000000    -30.678064    -0.964770
1.00000    -1438.738    -3.216938    -102.260215
   .000000     .000000     .000000

COMB DL-G3-4 ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000   100.146301     9.982518    62.436728
   .000000    74.924073    11.978313
0.25000   100.146301     9.982518    62.436728
   .000000    56.193055     8.983624
0.50000   100.146301     9.982518    62.436728
   .000000    37.462037     5.989178
0.75000   100.146301     9.982518    62.436728
   .000000    18.731018     2.993916
1.00000   100.146301     9.982518    62.436728
   .000000     .000000     .000000

COMB DL-G3-4 ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1534.285    -3.249224    -191.822989
   .000000 -230.187587     -3.898465
0.25000    -1534.285    -3.249224    -191.822989
   .000000 -172.640690     -2.923844
0.50000    -1534.285    -3.249224    -191.822989
   .000000 -115.093794     -1.949349
0.75000    -1534.285    -3.249224    -191.822989
   .000000    -57.546897    -0.974469
1.00000    -1534.285    -3.249224    -191.822989
   .000000     .000000     .000000

COMB      DB ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000    72.981197     7.514616    99.554282
   .000000   119.465139     9.017540
0.25000    72.981197     7.514616    99.554282
   .000000    89.598854     6.763155
0.50000    72.981197     7.514616    99.554282
   .000000    59.732569     4.508770
0.75000    72.981197     7.514616    99.554282
   .000000    29.866285     2.254385
1.00000    72.981197     7.514616    99.554282
   .000000     .000000     .000000

COMB      DB ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000 -923.507965     -5.180831    -144.400053
   .000000 -173.280063     -6.216997
0.25000 -923.507965     -5.180831    -144.400053
   .000000 -129.960048     -4.662748
0.50000 -923.507965     -5.180831    -144.400053
   .000000    -86.640032    -3.108498
0.75000 -923.507965     -5.180831    -144.400053
   .000000    -43.320016    -1.554229
1.00000 -923.507965     -5.180831    -144.400053
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<              MOVING          LOAD              >
                                5208

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------ MAX

REL DIST            P            V2           V3
       T            M2           M3
0.00000   104.396669     9.982518    151.116129
   .000000   181.339355    11.978313
0.25000   104.396669     9.982518    151.116129
   .000000   136.004517     8.983624
0.50000   104.396669     9.982518    151.116129
   .000000    90.669678     5.989178
0.75000   104.396669     9.982518    151.116129
   .000000    45.334839     2.993916
1.00000   104.396669     9.982518    151.116129
   .000000     .000000     .000000

COMB      DL ------------------ MIN

REL DIST            P            V2           V3
       T            M2           M3
0.00000    -1682.600    -7.864123    -191.822989
   .000000 -230.187587     -9.436498
0.25000    -1682.600    -7.864123    -191.822989
   .000000 -172.640690     -7.077386
0.50000    -1682.600    -7.864123    -191.822989
   .000000 -115.093794     -4.717914
0.75000    -1682.600    -7.864123    -191.822989
   .000000    -57.546897    -2.358524
1.00000    -1682.600    -7.864123    -191.822989
   .000000     .000000     .000000

COMB      CAR ------------------ MAX
```

```
REL DIST P V2 V3
T M2 M3
0.00000 104.396669 9.982518 151.116129
.000000 181.339355 11.978313
0.25000 104.396669 9.982518 151.116129
.000000 136.004517 8.983624
0.50000 104.396669 9.982518 151.116129
.000000 90.669678 5.989178
0.75000 104.396669 9.982518 151.116129
.000000 45.334839 2.993916
1.00000 104.396669 9.982518 151.116129
.000000 .000000 .000000

COMB CAR ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1682.600 -7.864123 -191.822989
.000000 -230.187587 -9.436498
0.25000 -1682.600 -7.864123 -191.822989
.000000 -172.640690 -7.077386
0.50000 -1682.600 -7.864123 -191.822989
.000000 -115.093794 -4.717914
0.75000 -1682.600 -7.864123 -191.822989
.000000 -57.546897 -2.358524
1.00000 -1682.600 -7.864123 -191.822989
.000000 .000000 .000000

COMB DESIGN ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 104.396669 9.982518 151.116129
.000000 181.339355 11.978313
0.25000 104.396669 9.982518 151.116129
.000000 136.004517 8.983624
0.50000 104.396669 9.982518 151.116129
.000000 90.669678 5.989178
0.75000 104.396669 9.982518 151.116129
.000000 45.334839 2.993916
1.00000 104.396669 9.982518 151.116129
.000000 .000000 .000000

COMB DESIGN ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1682.600 -7.864123 -191.822989
.000000 -230.187587 -9.436498
0.25000 -1682.600 -7.864123 -191.822989
.000000 -172.640690 -7.077386
0.50000 -1682.600 -7.864123 -191.822989
.000000 -115.093794 -4.717914
0.75000 -1682.600 -7.864123 -191.822989
.000000 -57.546897 -2.358524
1.00000 -1682.600 -7.864123 -191.822989
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5209

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 511 ========== LENGTH = 1.100000

COMB DB-G1-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 21.843448 0.984692 93.122595
.000000 102.434855 1.083161
0.25000 21.843448 0.984692 93.122595
.000000 76.826141 0.812371
0.50000 21.843448 0.984692 93.122595
.000000 51.217427 0.541580
0.75000 21.843448 0.984692 93.122595
.000000 25.608714 0.270790
1.00000 21.843448 0.984692 93.122595
.000000 .000000 .000000

COMB DB-G1-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -60.451956 -7.243874 -12.658562
.000000 -13.924418 -7.968262
0.25000 -60.451956 -7.243874 -12.658562
.000000 -10.443314 -5.976196
0.50000 -60.451956 -7.243874 -12.658562
.000000 -6.962209 -3.984131
0.75000 -60.451956 -7.243874 -12.658562
.000000 -3.481105 -1.992065
1.00000 -60.451956 -7.243874 -12.658562
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 30.181826 8.105653 104.045004
.000000 114.449504 8.916219
0.25000 30.181826 8.105653 104.045004
.000000 85.837128 6.687164
0.50000 30.181826 8.105653 104.045004
.000000 57.224752 4.458109
0.75000 30.181826 8.105653 104.045004
.000000 28.612376 2.229055
1.00000 30.181826 8.105653 104.045004
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -314.054373 -8.093513 -104.201071
.000000 -114.621178 -8.902864
0.25000 -314.054373 -8.093513 -104.201071
.000000 -85.965884 -6.677148
0.50000 -314.054373 -8.093513 -104.201071
.000000 -57.310589 -4.451432
0.75000 -314.054373 -8.093513 -104.201071
.000000 -28.655295 -2.225716
1.00000 -314.054373 -8.093513 -104.201071
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.160323 6.069544 94.577096
.000000 104.034805 6.676499
0.25000 40.160323 6.069544 94.577096
.000000 78.026104 5.007395
0.50000 40.160323 6.069544 94.577096
.000000 52.017403 3.338263
0.75000 40.160323 6.069544 94.577096
.000000 26.008701 1.669132
1.00000 40.160323 6.069544 94.577096
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -681.546720 -7.357018 -78.026163
.000000 -85.828779 -8.092720
0.25000 -681.546720 -7.357018 -78.026163
.000000 -64.371584 -6.069540
0.50000 -681.546720 -7.357018 -78.026163
.000000 -42.914389 -4.046360
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5210

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -681.546720 -7.357018 -78.026163
.000000 -21.457195 -2.023180
1.00000 -681.546720 -7.357018 -78.026163
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 43.635192 5.890252 128.880134
.000000 141.768147 6.479277
0.25000 43.635192 5.890252 128.880134
.000000 106.326110 4.859475
0.50000 43.635192 5.890252 128.880134
.000000 70.884074 3.239650
0.75000 43.635192 5.890252 128.880134
.000000 35.442037 1.619827
1.00000 43.635192 5.890252 128.880134
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -736.947766 -10.025402 -75.721290
.000000 -83.293419 -11.027943
0.25000 -736.947766 -10.025402 -75.721290
.000000 -62.470064 -8.270957
0.50000 -736.947766 -10.025402 -75.721290
.000000 -41.646709 -5.513971
0.75000 -736.947766 -10.025402 -75.721290
.000000 -20.823355 -2.756992
1.00000 -736.947766 -10.025402 -75.721290
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.413762 8.174258 6.812443
.000000 7.493687 8.991684
0.25000 15.413762 8.174258 6.812443
.000000 5.620265 6.743763
0.50000 15.413762 8.174258 6.812443
.000000 3.746844 4.495842
0.75000 15.413762 8.174258 6.812443
.000000 1.873422 2.247921
1.00000 15.413762 8.174258 6.812443
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -389.100878 -0.529930 -105.083009
.000000 -115.591310 -0.582923
0.25000 -389.100878 -0.529930 -105.083009
.000000 -86.693482 -0.437192
0.50000 -389.100878 -0.529930 -105.083009
.000000 -57.795655 -0.291462
0.75000 -389.100878 -0.529930 -105.083009
.000000 -28.897827 -0.145731
1.00000 -389.100878 -0.529930 -105.083009
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 29.148395 6.222962 45.523406
.000000 50.075747 6.845258
0.25000 29.148395 6.222962 45.523406
.000000 37.556810 5.133967
0.50000 29.148395 6.222962 45.523406
.000000 25.037873 3.422645
0.75000 29.148395 6.222962 45.523406
.000000 12.518937 1.711322
1.00000 29.148395 6.222962 45.523406
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -797.244210 -3.541201 -79.998403
.000000 -87.998243 -3.895321
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5211

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -797.244210 -3.541201 -79.998403
.000000 -65.998683 -2.921491
0.50000 -797.244210 -3.541201 -79.998403
.000000 -43.999122 -1.947661
0.75000 -797.244210 -3.541201 -79.998403
.000000 -21.999561 -0.973830
1.00000 -797.244210 -3.541201 -79.998403
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 39.675711 7.425752 87.941880
.000000 96.736068 8.168327
0.25000 39.675711 7.425752 87.941880
.000000 72.552051 6.126267
0.50000 39.675711 7.425752 87.941880
.000000 48.368034 4.084178
0.75000 39.675711 7.425752 87.941880
.000000 24.184017 2.042089
1.00000 39.675711 7.425752 87.941880
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -800.491109 -6.840874 -95.460694
.000000 -105.006763 -7.524961
0.25000 -800.491109 -6.840874 -95.460694
.000000 -78.755072 -5.643721
0.50000 -800.491109 -6.840874 -95.460694
.000000 -52.503381 -3.762481
0.75000 -800.491109 -6.840874 -95.460694
.000000 -26.251691 -1.881243
1.00000 -800.491109 -6.840874 -95.460694
.000000 .000000 .000000

COMB DB-G2-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 43.277012 7.410708 87.554125
.000000 96.309537 8.151779
0.25000 43.277012 7.410708 87.554125
.000000 72.232153 6.113852
0.50000 43.277012 7.410708 87.554125
.000000 48.154769 4.075901
0.75000 43.277012 7.410708 87.554125
.000000 24.077384 2.037951
1.00000 43.277012 7.410708 87.554125
.000000 .000000 .000000

COMB DB-G2-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -735.487709 -6.810711 -95.267298
.000000 -104.794028 -7.491782
0.25000 -735.487709 -6.810711 -95.267298
.000000 -78.595521 -5.618837
0.50000 -735.487709 -6.810711 -95.267298
.000000 -52.397014 -3.745891
0.75000 -735.487709 -6.810711 -95.267298
.000000 -26.198507 -1.872942
1.00000 -735.487709 -6.810711 -95.267298
.000000 .000000 .000000

COMB DB-G3-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 15.654977 2.460160 7.843486
.000000 8.627834 2.706176
0.25000 15.654977 2.460160 7.843486
.000000 6.470876 2.029632
0.50000 15.654977 2.460160 7.843486
.000000 4.313917 1.353088
0.75000 15.654977 2.460160 7.843486
.000000 2.156959 0.676544
1.00000 15.654977 2.460160 7.843486
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5212

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -54.056230 -0.610134 -31.626231
.000000 -34.788854 -0.671147
0.25000 -54.056230 -0.610134 -31.626231
.000000 -26.091640 -0.503360
0.50000 -54.056230 -0.610134 -31.626231
.000000 -17.394427 -0.335573
0.75000 -54.056230 -0.610134 -31.626231
.000000 -8.697213 -0.167712
1.00000 -54.056230 -0.610134 -31.626231
.000000 .000000 .000000

COMB DB-G3-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 27.788418 3.134585 76.046024
.000000 83.650626 3.448043
0.25000 27.788418 3.134585 76.046024
.000000 62.737970 2.586033
0.50000 27.788418 3.134585 76.046024
.000000 41.825313 1.724022
0.75000 27.788418 3.134585 76.046024
.000000 20.912657 0.862011
1.00000 27.788418 3.134585 76.046024
.000000 .000000 .000000

COMB DB-G3-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -353.159800 -5.915512 -40.296210
.000000 -44.325831 -6.507063
0.25000 -353.159800 -5.915512 -40.296210
.000000 -33.244373 -4.880298
0.50000 -353.159800 -5.915512 -40.296210
.000000 -22.162915 -3.253506
0.75000 -353.159800 -5.915512 -40.296210
.000000 -11.081458 -1.626723
1.00000 -353.159800 -5.915512 -40.296210
.000000 .000000 .000000

COMB DB-G3-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 38.086136 4.675392 40.585334
.000000 44.643867 5.142932
0.25000 38.086136 4.675392 40.585334
.000000 33.482900 3.857221
0.50000 38.086136 4.675392 40.585334
.000000 22.321933 2.571480
0.75000 38.086136 4.675392 40.585334
.000000 11.160967 1.285740
1.00000 38.086136 4.675392 40.585334
.000000 .000000 .000000

COMB DB-G3-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -693.476999 -3.157075 -60.103842
.000000 -66.114227 -3.472783
0.25000 -693.476999 -3.157075 -60.103842
.000000 -49.585670 -2.604587
0.50000 -693.476999 -3.157075 -60.103842
.000000 -33.057113 -1.736369
0.75000 -693.476999 -3.157075 -60.103842
.000000 -16.528557 -0.868127
1.00000 -693.476999 -3.157075 -60.103842
.000000 .000000 .000000

COMB DB-G3-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 42.986549 9.340374 56.800833
.000000 62.480916 10.274411
0.25000 42.986549 9.340374 56.800833
.000000 46.860687 7.705826
0.50000 42.986549 9.340374 56.800833
.000000 31.240458 5.137217
0.75000 42.986549 9.340374 56.800833
.000000 15.620229 2.568609
1.00000 42.986549 9.340374 56.800833
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5213

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -715.782539 -4.418456 -120.073845
.000000 -132.081229 -4.860302
0.25000 -715.782539 -4.418456 -120.073845
.000000 -99.060922 -3.645226
0.50000 -715.782539 -4.418456 -120.073845
.000000 -66.040615 -2.430132
0.75000 -715.782539 -4.418456 -120.073845
.000000 -33.020307 -1.215018
1.00000 -715.782539 -4.418456 -120.073845
.000000 .000000 .000000

COMB DL-G1-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 35.938856 1.480781 130.323972
.000000 143.356369 1.628859
0.25000 35.938856 1.480781 130.323972
.000000 107.517277 1.221644
0.50000 35.938856 1.480781 130.323972
.000000 71.678185 0.814429
0.75000 35.938856 1.480781 130.323972
.000000 35.839092 0.407025
1.00000 35.938856 1.480781 130.323972
.000000 .000000 .000000

COMB DL-G1-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -73.232356 -10.137717 -19.035966
.000000 -20.939562 -11.151488
0.25000 -73.232356 -10.137717 -19.035966
.000000 -15.704672 -8.363616
0.50000 -73.232356 -10.137717 -19.035966
.000000 -10.469781 -5.575744
0.75000 -73.232356 -10.137717 -19.035966
.000000 -5.234891 -2.788100
1.00000 -73.232356 -10.137717 -19.035966
.000000 .000000 .000000

COMB DL-G1-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 40.273596 7.746018 142.541045
.000000 156.795149 8.520620
0.25000 40.273596 7.746018 142.541045
.000000 117.596362 6.390465
0.50000 40.273596 7.746018 142.541045
.000000 78.397575 4.260310
0.75000 40.273596 7.746018 142.541045
.000000 39.198787 2.129895
1.00000 40.273596 7.746018 142.541045
.000000 .000000 .000000

COMB DL-G1-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -341.707122 -11.088065 -99.577828
.000000 -109.535611 -12.196872
0.25000 -341.707122 -11.088065 -99.577828
.000000 -82.151708 -9.147654
0.50000 -341.707122 -11.088065 -99.577828
.000000 -54.767806 -6.098436
0.75000 -341.707122 -11.088065 -99.577828
.000000 -27.383903 -3.049355
1.00000 -341.707122 -11.088065 -99.577828
.000000 .000000 .000000

COMB DL-G1-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 54.586540 6.557779 134.395285
.000000 147.834813 7.213421
0.25000 54.586540 6.557779 134.395285
.000000 110.876110 5.409981
0.50000 54.586540 6.557779 134.395285
.000000 73.917406 3.606467
0.75000 54.586540 6.557779 134.395285
.000000 36.958703 1.802544
1.00000 54.586540 6.557779 134.395285
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5214

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -706.681100 -10.454418 -84.302595
.000000 -92.732855 -11.499856
0.25000 -706.681100 -10.454418 -84.302595
.000000 -69.549641 -8.625004
0.50000 -706.681100 -10.454418 -84.302595
.000000 -46.366427 -5.749819
0.75000 -706.681100 -10.454418 -84.302595
.000000 -23.183214 -2.875123
1.00000 -706.681100 -10.454418 -84.302595
.000000 .000000 .000000

COMB DL-G1-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 58.750118 6.456001 149.669111
.000000 164.636022 7.101487
0.25000 58.750118 6.456001 149.669111
.000000 123.477017 5.326058
0.50000 58.750118 6.456001 149.669111
.000000 82.318011 3.550542
0.75000 58.750118 6.456001 149.669111
.000000 41.159006 1.774598
1.00000 58.750118 6.456001 149.669111
.000000 .000000 .000000

COMB DL-G1-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -758.770522 -11.642547 -82.994195
.000000 -91.293615 -12.806817
0.25000 -758.770522 -11.642547 -82.994195
.000000 -68.470211 -9.605137
0.50000 -758.770522 -11.642547 -82.994195
.000000 -45.646807 -6.403321
0.75000 -758.770522 -11.642547 -82.994195
.000000 -22.823404 -3.201763
1.00000 -758.770522 -11.642547 -82.994195
.000000 .000000 .000000

COMB DL-G2-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 20.743668 6.942165 9.261489
.000000 10.187638 7.633682
0.25000 20.743668 6.942165 9.261489
.000000 7.640728 5.727286
0.50000 20.743668 6.942165 9.261489
.000000 5.093819 3.818191
0.75000 20.743668 6.942165 9.261489
.000000 2.546909 1.909094
1.00000 20.743668 6.942165 9.261489
.000000 .000000 .000000

COMB DL-G2-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -386.074156 -0.720438 -89.244018
.000000 -98.166420 -0.792482
0.25000 -386.074156 -0.720438 -89.244018
.000000 -73.626315 -0.594361
0.50000 -386.074156 -0.720438 -89.244018
.000000 -49.084210 -0.396241
0.75000 -386.074156 -0.720438 -89.244018
.000000 -24.542105 -0.198063
1.00000 -386.074156 -0.720438 -89.244018
.000000 .000000 .000000

COMB DL-G2-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 39.784372 5.769148 40.418295
.000000 44.460125 6.345953
0.25000 39.784372 5.769148 40.418295
.000000 33.345094 4.759398
0.50000 39.784372 5.769148 40.418295
.000000 22.230062 3.172673
0.75000 39.784372 5.769148 40.418295
.000000 11.115031 1.585907
1.00000 39.784372 5.769148 40.418295
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5215

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -790.197461 -3.144082 -74.164462
.000000 -81.580909 -3.458504
0.25000 -790.197461 -3.144082 -74.164462
.000000 -61.185681 -2.593993
0.50000 -790.197461 -3.144082 -74.164462
.000000 -40.790454 -1.729186
0.75000 -790.197461 -3.144082 -74.164462
.000000 -20.395227 -0.864619
1.00000 -790.197461 -3.144082 -74.164462
.000000 .000000 .000000

COMB DL-G2-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 53.389016 7.553130 96.763194
.000000 106.439514 8.308353
0.25000 53.389016 7.553130 96.763194
.000000 79.829635 6.231203
0.50000 53.389016 7.553130 96.763194
.000000 53.219757 4.153915
0.75000 53.389016 7.553130 96.763194
.000000 26.609878 2.076332
1.00000 53.389016 7.553130 96.763194
.000000 .000000 .000000
```

COMB DL-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-819.573238	-7.527071	-97.098184
.000000	-106.808003	-8.279805	
0.25000	-819.573238	-7.527071	-97.098184
.000000	-80.106002	-6.209969	
0.50000	-819.573238	-7.527071	-97.098184
.000000	-53.404001	-4.139867	
0.75000	-819.573238	-7.527071	-97.098184
.000000	-26.702001	-2.070039	
1.00000	-819.573238	-7.527071	-97.098184
.000000	.000000	.000000	

COMB DL-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	58.289308	7.789367	93.698942
.000000	103.068837	8.568219	
0.25000	58.289308	7.789367	93.698942
.000000	77.301628	6.426099	
0.50000	58.289308	7.789367	93.698942
.000000	51.534418	4.283665	
0.75000	58.289308	7.789367	93.698942
.000000	25.767209	2.141046	
1.00000	58.289308	7.789367	93.698942
.000000	.000000	.000000	

COMB DL-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-766.928026	-7.288708	-100.135097
.000000	-110.148607	-8.017589	
0.25000	-766.928026	-7.288708	-100.135097
.000000	-82.611455	-6.013321	
0.50000	-766.928026	-7.288708	-100.135097
.000000	-55.074304	-4.008711	
0.75000	-766.928026	-7.288708	-100.135097
.000000	-27.537152	-2.004235	
1.00000	-766.928026	-7.288708	-100.135097
.000000	.000000	.000000	

COMB DL-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	28.903965	3.368252	10.552391
.000000	11.607630	3.705077	
0.25000	28.903965	3.368252	10.552391
.000000	8.705722	2.778683	
0.50000	28.903965	3.368252	10.552391
.000000	5.803815	1.852207	
0.75000	28.903965	3.368252	10.552391
.000000	2.901907	0.925657	
1.00000	28.903965	3.368252	10.552391
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5216
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-65.287774	-0.820855	-43.300083
.000000	-47.630091	-0.902941	
0.25000	-65.287774	-0.820855	-43.300083
.000000	-35.722568	-0.677104	
0.50000	-65.287774	-0.820855	-43.300083
.000000	-23.815046	-0.451445	
0.75000	-65.287774	-0.820855	-43.300083
.000000	-11.907523	-0.225432	
1.00000	-65.287774	-0.820855	-43.300083
.000000	.000000	.000000	

COMB DL-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	37.877124	4.017377	67.368358
.000000	74.105194	4.419115	
0.25000	37.877124	4.017377	67.368358
.000000	55.578896	3.314161	
0.50000	37.877124	4.017377	67.368358
.000000	37.052597	2.209165	
0.75000	37.877124	4.017377	67.368358
.000000	18.526299	1.104074	
1.00000	37.877124	4.017377	67.368358
.000000	.000000	.000000	

COMB DL-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-367.572049	-5.240489	-51.644818
.000000	-56.809300	-5.764538	
0.25000	-367.572049	-5.240489	-51.644818
.000000	-42.606975	-4.323290	
0.50000	-367.572049	-5.240489	-51.644818
.000000	-28.404650	-2.882177	
0.75000	-367.572049	-5.240489	-51.644818
.000000	-14.202325	-1.440763	
1.00000	-367.572049	-5.240489	-51.644818
.000000	.000000	.000000	

COMB DL-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	52.116111	5.706047	44.279819
.000000	48.701801	6.276621	
0.25000	52.116111	5.706047	44.279819
.000000	36.530850	4.707238	
0.50000	52.116111	5.706047	44.279819
.000000	24.353900	3.137797	
0.75000	52.116111	5.706047	44.279819
.000000	12.176950	1.568964	
1.00000	52.116111	5.706047	44.279819
.000000	.000000	.000000	

COMB DL-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-702.160783	-3.444464	-73.353278
.000000	-80.688606	-3.788887	
0.25000	-702.160783	-3.444464	-73.353278
.000000	-60.516454	-2.841645	
0.50000	-702.160783	-3.444464	-73.353278
.000000	-40.344303	-1.894331	
0.75000	-702.160783	-3.444464	-73.353278
.000000	-20.172151	-0.946935	
1.00000	-702.160783	-3.444464	-73.353278
.000000	.000000	.000000	

COMB DL-G3-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	58.195919	9.447558	65.697916
.000000	72.267707	10.392286	
0.25000	58.195919	9.447558	65.697916
.000000	54.200780	7.794017	
0.50000	58.195919	9.447558	65.697916
.000000	36.133854	5.195709	
0.75000	58.195919	9.447558	65.697916
.000000	18.066927	2.597097	
1.00000	58.195919	9.447558	65.697916
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5217
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-741.050388	-5.110548	-121.451741
.000000	-133.596915	-5.621586	
0.25000	-741.050388	-5.110548	-121.451741
.000000	-100.197686	-4.216194	
0.50000	-741.050388	-5.110548	-121.451741
.000000	-66.798457	-2.810696	
0.75000	-741.050388	-5.110548	-121.451741
.000000	-33.399229	-1.405223	
1.00000	-741.050388	-5.110548	-121.451741
.000000	.000000	.000000	

COMB DB ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	43.635192	9.340374	128.880134
.000000	141.768147	10.274411	
0.25000	43.635192	9.340374	128.880134
.000000	106.326110	7.705826	
0.50000	43.635192	9.340374	128.880134
.000000	70.884074	5.137217	
0.75000	43.635192	9.340374	128.880134
.000000	35.442037	2.568609	
1.00000	43.635192	9.340374	128.880134
.000000	.000000	.000000	

COMB DB ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-800.491109	-10.025402	-120.073845
.000000	-132.081229	-11.027943	
0.25000	-800.491109	-10.025402	-120.073845
.000000	-99.060922	-8.270957	
0.50000	-800.491109	-10.025402	-120.073845
.000000	-66.040615	-5.513971	
0.75000	-800.491109	-10.025402	-120.073845
.000000	-33.020307	-2.756992	
1.00000	-800.491109	-10.025402	-120.073845
.000000	.000000	.000000	

COMB DL ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	58.750118	9.447558	149.669111
.000000	164.636022	10.392286	
0.25000	58.750118	9.447558	149.669111
.000000	123.477017	7.794017	
0.50000	58.750118	9.447558	149.669111
.000000	82.318011	5.195709	
0.75000	58.750118	9.447558	149.669111
.000000	41.159006	2.597097	
1.00000	58.750118	9.447558	149.669111
.000000	.000000	.000000	

COMB DL ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-819.573238	-11.642547	-121.451741
.000000	-133.596915	-12.806817	
0.25000	-819.573238	-11.642547	-121.451741
.000000	-100.197686	-9.605137	
0.50000	-819.573238	-11.642547	-121.451741
.000000	-66.798457	-6.403321	
0.75000	-819.573238	-11.642547	-121.451741
.000000	-33.399229	-3.201763	
1.00000	-819.573238	-11.642547	-121.451741
.000000	.000000	.000000	

COMB CAR ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	58.750118	9.447558	149.669111
.000000	164.636022	10.392286	
0.25000	58.750118	9.447558	149.669111
.000000	123.477017	7.794017	
0.50000	58.750118	9.447558	149.669111
.000000	82.318011	5.195709	
0.75000	58.750118	9.447558	149.669111
.000000	41.159006	2.597097	
1.00000	58.750118	9.447558	149.669111
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5218
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB CAR ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-819.573238	-11.642547	-121.451741
.000000	-133.596915	-12.806817	
0.25000	-819.573238	-11.642547	-121.451741
.000000	-100.197686	-9.605137	
0.50000	-819.573238	-11.642547	-121.451741
.000000	-66.798457	-6.403321	
0.75000	-819.573238	-11.642547	-121.451741
.000000	-33.399229	-3.201763	
1.00000	-819.573238	-11.642547	-121.451741
.000000	.000000	.000000	

COMB DESIGN ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	58.750118	9.447558	149.669111
.000000	164.636022	10.392286	
0.25000	58.750118	9.447558	149.669111
.000000	123.477017	7.794017	
0.50000	58.750118	9.447558	149.669111
.000000	82.318011	5.195709	
0.75000	58.750118	9.447558	149.669111
.000000	41.159006	2.597097	
1.00000	58.750118	9.447558	149.669111
.000000	.000000	.000000	

COMB DESIGN ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-819.573238	-11.642547	-121.451741
.000000	-133.596915	-12.806817	
0.25000	-819.573238	-11.642547	-121.451741
.000000	-100.197686	-9.605137	
0.50000	-819.573238	-11.642547	-121.451741
.000000	-66.798457	-6.403321	
0.75000	-819.573238	-11.642547	-121.451741
.000000	-33.399229	-3.201763	
1.00000	-819.573238	-11.642547	-121.451741
.000000	.000000	.000000	

ELEM 512 ========== LENGTH = 1.100000

COMB DB-G1-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	50.996012	.000000	.000000
.000000	.000000	.000000	
0.25000	50.996012	.000000	.000000
.000000	.000000	.000000	
0.50000	50.996012	.000000	.000000
.000000	.000000	.000000	
0.75000	50.996012	.000000	.000000
.000000	.000000	.000000	
1.00000	50.996012	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.203789	.000000	.000000
.000000	.000000	.000000	
0.25000	-3.203789	.000000	.000000
.000000	.000000	.000000	
0.50000	-3.203789	.000000	.000000
.000000	.000000	.000000	
0.75000	-3.203789	.000000	.000000
.000000	.000000	.000000	
1.00000	-3.203789	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	82.887231	.000000	.000000
.000000	.000000	.000000	
0.25000	82.887231	.000000	.000000
.000000	.000000	.000000	
0.50000	82.887231	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5219
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	82.887231	.000000	.000000
.000000	.000000	.000000	
1.00000	82.887231	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.969991	.000000	.000000
.000000	.000000	.000000	
0.25000	-7.969991	.000000	.000000
.000000	.000000	.000000	
0.50000	-7.969991	.000000	.000000
.000000	.000000	.000000	
0.75000	-7.969991	.000000	.000000
.000000	.000000	.000000	
1.00000	-7.969991	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	80.038332	.000000	.000000
.000000	.000000	.000000	
0.25000	80.038332	.000000	.000000
.000000	.000000	.000000	
0.50000	80.038332	.000000	.000000
.000000	.000000	.000000	
0.75000	80.038332	.000000	.000000
.000000	.000000	.000000	
1.00000	80.038332	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-66.309250	.000000	.000000
.000000	.000000	.000000	
0.25000	-66.309250	.000000	.000000
.000000	.000000	.000000	
0.50000	-66.309250	.000000	.000000
.000000	.000000	.000000	
0.75000	-66.309250	.000000	.000000
.000000	.000000	.000000	
1.00000	-66.309250	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	82.394452	.000000	.000000
.000000	.000000	.000000	
0.25000	82.394452	.000000	.000000
.000000	.000000	.000000	
0.50000	82.394452	.000000	.000000
.000000	.000000	.000000	
0.75000	82.394452	.000000	.000000
.000000	.000000	.000000	
1.00000	82.394452	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-263.440148	.000000	.000000
.000000	.000000	.000000	
0.25000	-263.440148	.000000	.000000
.000000	.000000	.000000	
0.50000	-263.440148	.000000	.000000
.000000	.000000	.000000	
0.75000	-263.440148	.000000	.000000
.000000	.000000	.000000	
1.00000	-263.440148	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	23.921773	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5220
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	23.921773	.000000	.000000
.000000	.000000	.000000	
0.50000	23.921773	.000000	.000000
.000000	.000000	.000000	
0.75000	23.921773	.000000	.000000
.000000	.000000	.000000	
1.00000	23.921773	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-18.255337	.000000	.000000
.000000	.000000	.000000	
0.25000	-18.255337	.000000	.000000
.000000	.000000	.000000	
0.50000	-18.255337	.000000	.000000
.000000	.000000	.000000	
0.75000	-18.255337	.000000	.000000
.000000	.000000	.000000	
1.00000	-18.255337	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	36.775612	.000000	.000000
.000000	.000000	.000000	
0.25000	36.775612	.000000	.000000
.000000	.000000	.000000	
0.50000	36.775612	.000000	.000000
.000000	.000000	.000000	
0.75000	36.775612	.000000	.000000
.000000	.000000	.000000	
1.00000	36.775612	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-128.479229	.000000	.000000
.000000	.000000	.000000	
0.25000	-128.479229	.000000	.000000
.000000	.000000	.000000	
0.50000	-128.479229	.000000	.000000
.000000	.000000	.000000	
0.75000	-128.479229	.000000	.000000
.000000	.000000	.000000	
1.00000	-128.479229	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	68.533336	.000000	.000000
.000000	.000000	.000000	
0.25000	68.533336	.000000	.000000
.000000	.000000	.000000	
0.50000	68.533336	.000000	.000000
.000000	.000000	.000000	
0.75000	68.533336	.000000	.000000
.000000	.000000	.000000	
1.00000	68.533336	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-117.570528	.000000	.000000
.000000	.000000	.000000	
0.25000	-117.570528	.000000	.000000
.000000	.000000	.000000	
0.50000	-117.570528	.000000	.000000
.000000	.000000	.000000	
0.75000	-117.570528	.000000	.000000
.000000	.000000	.000000	
1.00000	-117.570528	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5221
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G2-4 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	74.329277	.000000	.000000
.000000	.000000	.000000	
0.25000	74.329277	.000000	.000000
.000000	.000000	.000000	
0.50000	74.329277	.000000	.000000
.000000	.000000	.000000	
0.75000	74.329277	.000000	.000000
.000000	.000000	.000000	
1.00000	74.329277	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-4 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-396.297449	.000000	.000000
.000000	.000000	.000000	
0.25000	-396.297449	.000000	.000000
.000000	.000000	.000000	
0.50000	-396.297449	.000000	.000000
.000000	.000000	.000000	
0.75000	-396.297449	.000000	.000000
.000000	.000000	.000000	
1.00000	-396.297449	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-1 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	27.178034	.000000	.000000
.000000	.000000	.000000	
0.25000	27.178034	.000000	.000000
.000000	.000000	.000000	
0.50000	27.178034	.000000	.000000
.000000	.000000	.000000	
0.75000	27.178034	.000000	.000000
.000000	.000000	.000000	
1.00000	27.178034	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-1 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-529.062263	.000000	.000000
.000000	.000000	.000000	
0.25000	-529.062263	.000000	.000000
.000000	.000000	.000000	
0.50000	-529.062263	.000000	.000000
.000000	.000000	.000000	
0.75000	-529.062263	.000000	.000000
.000000	.000000	.000000	
1.00000	-529.062263	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-2 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	43.943296	.000000	.000000
.000000	.000000	.000000	
0.25000	43.943296	.000000	.000000
.000000	.000000	.000000	
0.50000	43.943296	.000000	.000000
.000000	.000000	.000000	
0.75000	43.943296	.000000	.000000
.000000	.000000	.000000	
1.00000	43.943296	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-2 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-681.251650	.000000	.000000
.000000	.000000	.000000	
0.25000	-681.251650	.000000	.000000
.000000	.000000	.000000	
0.50000	-681.251650	.000000	.000000
.000000	.000000	.000000	
0.75000	-681.251650	.000000	.000000
.000000	.000000	.000000	
1.00000	-681.251650	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page 5222
< MOVING LOAD >

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-3 ------------------ MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	49.568383	.000000	.000000
.000000	.000000	.000000	
0.25000	49.568383	.000000	.000000
.000000	.000000	.000000	
0.50000	49.568383	.000000	.000000
.000000	.000000	.000000	
0.75000	49.568383	.000000	.000000
.000000	.000000	.000000	
1.00000	49.568383	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-3 ------------------ MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-640.624425	.000000	.000000
.000000	.000000	.000000	
0.25000	-640.624425	.000000	.000000
.000000	.000000	.000000	
0.50000	-640.624425	.000000	.000000
.000000	.000000	.000000	
0.75000	-640.624425	.000000	.000000

```
   .000000      .000000      .000000
1.00000  -640.624425      .000000      .000000
   .000000      .000000      .000000

COMB DB-G3-4 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     70.288773      .000000      .000000
   .000000      .000000      .000000
0.25000     70.288773      .000000      .000000
   .000000      .000000      .000000
0.50000     70.288773      .000000      .000000
   .000000      .000000      .000000
0.75000     70.288773      .000000      .000000
   .000000      .000000      .000000
1.00000     70.288773      .000000      .000000
   .000000      .000000      .000000

COMB DB-G3-4 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -535.341758      .000000      .000000
   .000000      .000000      .000000
0.25000  -535.341758      .000000      .000000
   .000000      .000000      .000000
0.50000  -535.341758      .000000      .000000
   .000000      .000000      .000000
0.75000  -535.341758      .000000      .000000
   .000000      .000000      .000000
1.00000  -535.341758      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-1 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     67.065778      .000000      .000000
   .000000      .000000      .000000
0.25000     67.065778      .000000      .000000
   .000000      .000000      .000000
0.50000     67.065778      .000000      .000000
   .000000      .000000      .000000
0.75000     67.065778      .000000      .000000
   .000000      .000000      .000000
1.00000     67.065778      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-1 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000     -4.927825      .000000      .000000
   .000000      .000000      .000000
0.25000     -4.927825      .000000      .000000
   .000000      .000000      .000000
0.50000     -4.927825      .000000      .000000
   .000000      .000000      .000000
0.75000     -4.927825      .000000      .000000
   .000000      .000000      .000000
1.00000     -4.927825      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5223

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    105.574388      .000000      .000000
   .000000      .000000      .000000
0.25000    105.574388      .000000      .000000
   .000000      .000000      .000000
0.50000    105.574388      .000000      .000000
   .000000      .000000      .000000
0.75000    105.574388      .000000      .000000
   .000000      .000000      .000000
1.00000    105.574388      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-2 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000    -10.213969      .000000      .000000
   .000000      .000000      .000000
0.25000    -10.213969      .000000      .000000
   .000000      .000000      .000000
0.50000    -10.213969      .000000      .000000
   .000000      .000000      .000000
0.75000    -10.213969      .000000      .000000
   .000000      .000000      .000000
1.00000    -10.213969      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-3 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    106.662439      .000000      .000000
   .000000      .000000      .000000
0.25000    106.662439      .000000      .000000
   .000000      .000000      .000000
0.50000    106.662439      .000000      .000000
   .000000      .000000      .000000
0.75000    106.662439      .000000      .000000
   .000000      .000000      .000000
1.00000    106.662439      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-3 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000    -88.893781      .000000      .000000
   .000000      .000000      .000000
0.25000    -88.893781      .000000      .000000
   .000000      .000000      .000000
0.50000    -88.893781      .000000      .000000
   .000000      .000000      .000000
0.75000    -88.893781      .000000      .000000
   .000000      .000000      .000000
1.00000    -88.893781      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-4 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.25000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.50000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.75000    109.522495      .000000      .000000
   .000000      .000000      .000000
1.00000    109.522495      .000000      .000000
   .000000      .000000      .000000

COMB DL-G1-4 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -299.953375      .000000      .000000
   .000000      .000000      .000000
0.25000  -299.953375      .000000      .000000
   .000000      .000000      .000000
0.50000  -299.953375      .000000      .000000
   .000000      .000000      .000000
0.75000  -299.953375      .000000      .000000
   .000000      .000000      .000000
1.00000  -299.953375      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5224

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     32.357548      .000000      .000000
   .000000      .000000      .000000
0.25000     32.357548      .000000      .000000
   .000000      .000000      .000000
0.50000     32.357548      .000000      .000000
   .000000      .000000      .000000
0.75000     32.357548      .000000      .000000
   .000000      .000000      .000000
1.00000     32.357548      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-1 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000    -19.497117      .000000      .000000
   .000000      .000000      .000000
0.25000    -19.497117      .000000      .000000
   .000000      .000000      .000000
0.50000    -19.497117      .000000      .000000
   .000000      .000000      .000000
0.75000    -19.497117      .000000      .000000
   .000000      .000000      .000000
1.00000    -19.497117      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-2 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     46.772493      .000000      .000000
   .000000      .000000      .000000
0.25000     46.772493      .000000      .000000
   .000000      .000000      .000000
0.50000     46.772493      .000000      .000000
   .000000      .000000      .000000
0.75000     46.772493      .000000      .000000
   .000000      .000000      .000000
1.00000     46.772493      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-2 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -155.915575      .000000      .000000
   .000000      .000000      .000000
0.25000  -155.915575      .000000      .000000
   .000000      .000000      .000000
0.50000  -155.915575      .000000      .000000
   .000000      .000000      .000000
0.75000  -155.915575      .000000      .000000
   .000000      .000000      .000000
1.00000  -155.915575      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-3 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     91.432311      .000000      .000000
   .000000      .000000      .000000
0.25000     91.432311      .000000      .000000
   .000000      .000000      .000000
0.50000     91.432311      .000000      .000000
   .000000      .000000      .000000
0.75000     91.432311      .000000      .000000
   .000000      .000000      .000000
1.00000     91.432311      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-3 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -143.306175      .000000      .000000
   .000000      .000000      .000000
0.25000  -143.306175      .000000      .000000
   .000000      .000000      .000000
0.50000  -143.306175      .000000      .000000
   .000000      .000000      .000000
0.75000  -143.306175      .000000      .000000
   .000000      .000000      .000000
1.00000  -143.306175      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5225

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     99.291356      .000000      .000000
   .000000      .000000      .000000
0.25000     99.291356      .000000      .000000
   .000000      .000000      .000000
0.50000     99.291356      .000000      .000000
   .000000      .000000      .000000
0.75000     99.291356      .000000      .000000
   .000000      .000000      .000000
1.00000     99.291356      .000000      .000000
   .000000      .000000      .000000

COMB DL-G2-4 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -440.102728      .000000      .000000
   .000000      .000000      .000000
0.25000  -440.102728      .000000      .000000
   .000000      .000000      .000000
0.50000  -440.102728      .000000      .000000
   .000000      .000000      .000000
0.75000  -440.102728      .000000      .000000
   .000000      .000000      .000000
1.00000  -440.102728      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-1 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     36.299590      .000000      .000000
   .000000      .000000      .000000
0.25000     36.299590      .000000      .000000
   .000000      .000000      .000000
0.50000     36.299590      .000000      .000000
   .000000      .000000      .000000
0.75000     36.299590      .000000      .000000
   .000000      .000000      .000000
1.00000     36.299590      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-1 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -565.281253      .000000      .000000
   .000000      .000000      .000000
0.25000  -565.281253      .000000      .000000
   .000000      .000000      .000000
0.50000  -565.281253      .000000      .000000
   .000000      .000000      .000000
0.75000  -565.281253      .000000      .000000
   .000000      .000000      .000000
1.00000  -565.281253      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-2 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     58.611020      .000000      .000000
   .000000      .000000      .000000
0.25000     58.611020      .000000      .000000
   .000000      .000000      .000000
0.50000     58.611020      .000000      .000000
   .000000      .000000      .000000
0.75000     58.611020      .000000      .000000
   .000000      .000000      .000000
1.00000     58.611020      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-2 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.25000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.50000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.75000  -740.743029      .000000      .000000
   .000000      .000000      .000000
1.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5226

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-3 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     65.556708      .000000      .000000
   .000000      .000000      .000000
0.25000     65.556708      .000000      .000000
   .000000      .000000      .000000
0.50000     65.556708      .000000      .000000
   .000000      .000000      .000000
0.75000     65.556708      .000000      .000000
   .000000      .000000      .000000
1.00000     65.556708      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-3 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -699.318891      .000000      .000000
   .000000      .000000      .000000
0.25000  -699.318891      .000000      .000000
   .000000      .000000      .000000
0.50000  -699.318891      .000000      .000000
   .000000      .000000      .000000
0.75000  -699.318891      .000000      .000000
   .000000      .000000      .000000
1.00000  -699.318891      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-4 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     93.004771      .000000      .000000
   .000000      .000000      .000000
0.25000     93.004771      .000000      .000000
   .000000      .000000      .000000
0.50000     93.004771      .000000      .000000
   .000000      .000000      .000000
0.75000     93.004771      .000000      .000000
   .000000      .000000      .000000
1.00000     93.004771      .000000      .000000
   .000000      .000000      .000000

COMB DL-G3-4 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -584.983719      .000000      .000000
   .000000      .000000      .000000
0.25000  -584.983719      .000000      .000000
   .000000      .000000      .000000
0.50000  -584.983719      .000000      .000000
   .000000      .000000      .000000
0.75000  -584.983719      .000000      .000000
   .000000      .000000      .000000
1.00000  -584.983719      .000000      .000000
   .000000      .000000      .000000

COMB      DB ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     82.887231      .000000      .000000
   .000000      .000000      .000000
0.25000     82.887231      .000000      .000000
   .000000      .000000      .000000
0.50000     82.887231      .000000      .000000
   .000000      .000000      .000000
0.75000     82.887231      .000000      .000000
   .000000      .000000      .000000
1.00000     82.887231      .000000      .000000
   .000000      .000000      .000000

COMB      DB ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -681.251650      .000000      .000000
   .000000      .000000      .000000
0.25000  -681.251650      .000000      .000000
   .000000      .000000      .000000
0.50000  -681.251650      .000000      .000000
   .000000      .000000      .000000
0.75000  -681.251650      .000000      .000000
   .000000      .000000      .000000
1.00000  -681.251650      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5227

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      DL ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.25000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.50000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.75000    109.522495      .000000      .000000
   .000000      .000000      .000000
1.00000    109.522495      .000000      .000000
   .000000      .000000      .000000

COMB      DL ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.25000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.50000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.75000  -740.743029      .000000      .000000
   .000000      .000000      .000000
1.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000

COMB     CAR ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.25000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.50000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.75000    109.522495      .000000      .000000
   .000000      .000000      .000000
1.00000    109.522495      .000000      .000000
   .000000      .000000      .000000

COMB     CAR ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.25000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.50000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.75000  -740.743029      .000000      .000000
   .000000      .000000      .000000
1.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000

COMB  DESIGN ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.25000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.50000    109.522495      .000000      .000000
   .000000      .000000      .000000
0.75000    109.522495      .000000      .000000
   .000000      .000000      .000000
1.00000    109.522495      .000000      .000000
   .000000      .000000      .000000

COMB  DESIGN ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.25000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.50000  -740.743029      .000000      .000000
   .000000      .000000      .000000
0.75000  -740.743029      .000000      .000000
   .000000      .000000      .000000
1.00000  -740.743029      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5228

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 ELEM       513 ========== LENGTH
=    1.200000

COMB DB-G1-1 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     37.498903      .000000      .000000
   .000000      .000000      .000000
0.25000     37.498903      .000000      .000000
   .000000      .000000      .000000
0.50000     37.498903      .000000      .000000
   .000000      .000000      .000000
0.75000     37.498903      .000000      .000000
   .000000      .000000      .000000
1.00000     37.498903      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-1 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000    -10.862340      .000000      .000000
   .000000      .000000      .000000
0.25000    -10.862340      .000000      .000000
   .000000      .000000      .000000
0.50000    -10.862340      .000000      .000000
   .000000      .000000      .000000
0.75000    -10.862340      .000000      .000000
   .000000      .000000      .000000
1.00000    -10.862340      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-2 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     70.750888      .000000      .000000
   .000000      .000000      .000000
0.25000     70.750888      .000000      .000000
   .000000      .000000      .000000
0.50000     70.750888      .000000      .000000
   .000000      .000000      .000000
0.75000     70.750888      .000000      .000000
   .000000      .000000      .000000
1.00000     70.750888      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-2 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000    -32.110719      .000000      .000000
   .000000      .000000      .000000
0.25000    -32.110719      .000000      .000000
   .000000      .000000      .000000
0.50000    -32.110719      .000000      .000000
   .000000      .000000      .000000
0.75000    -32.110719      .000000      .000000
   .000000      .000000      .000000
1.00000    -32.110719      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-3 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     81.141525      .000000      .000000
   .000000      .000000      .000000
0.25000     81.141525      .000000      .000000
   .000000      .000000      .000000
0.50000     81.141525      .000000      .000000
   .000000      .000000      .000000
0.75000     81.141525      .000000      .000000
   .000000      .000000      .000000
1.00000     81.141525      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-3 ------------------- MIN

REL DIST          P           V2           V3
     T           M2           M3
0.00000  -127.042763      .000000      .000000
   .000000      .000000      .000000
0.25000  -127.042763      .000000      .000000
   .000000      .000000      .000000
0.50000  -127.042763      .000000      .000000
   .000000      .000000      .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                     Page
<                 MOVING                LOAD                >
                                          5229

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P           V2           V3
     T           M2           M3
0.75000  -127.042763      .000000      .000000
   .000000      .000000      .000000
1.00000  -127.042763      .000000      .000000
   .000000      .000000      .000000

COMB DB-G1-4 ------------------- MAX

REL DIST          P           V2           V3
     T           M2           M3
0.00000     93.482270      .000000      .000000
   .000000      .000000      .000000
0.25000     93.482270      .000000      .000000
   .000000      .000000      .000000
0.50000     93.482270      .000000      .000000
   .000000      .000000      .000000
0.75000     93.482270      .000000      .000000
```

.000000 .000000 .000000
1.00000 93.482270 .000000 .000000
.000000 .000000 .000000

COMB DB-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -336.290569 .000000 .000000
.000000 .000000 .000000
0.25000 -336.290569 .000000 .000000
.000000 .000000 .000000
0.50000 -336.290569 .000000 .000000
.000000 .000000 .000000
0.75000 -336.290569 .000000 .000000
.000000 .000000 .000000
1.00000 -336.290569 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 31.035124 .000000 .000000
.000000 .000000 .000000
0.25000 31.035124 .000000 .000000
.000000 .000000 .000000
0.50000 31.035124 .000000 .000000
.000000 .000000 .000000
0.75000 31.035124 .000000 .000000
.000000 .000000 .000000
1.00000 31.035124 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -49.437237 .000000 .000000
.000000 .000000 .000000
0.25000 -49.437237 .000000 .000000
.000000 .000000 .000000
0.50000 -49.437237 .000000 .000000
.000000 .000000 .000000
0.75000 -49.437237 .000000 .000000
.000000 .000000 .000000
1.00000 -49.437237 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 58.528634 .000000 .000000
.000000 .000000 .000000
0.25000 58.528634 .000000 .000000
.000000 .000000 .000000
0.50000 58.528634 .000000 .000000
.000000 .000000 .000000
0.75000 58.528634 .000000 .000000
.000000 .000000 .000000
1.00000 58.528634 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -198.450084 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5230

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -198.450084 .000000 .000000
.000000 .000000 .000000
0.50000 -198.450084 .000000 .000000
.000000 .000000 .000000
0.75000 -198.450084 .000000 .000000
.000000 .000000 .000000
1.00000 -198.450084 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 78.984518 .000000 .000000
.000000 .000000 .000000
0.25000 78.984518 .000000 .000000
.000000 .000000 .000000
0.50000 78.984518 .000000 .000000
.000000 .000000 .000000
0.75000 78.984518 .000000 .000000
.000000 .000000 .000000
1.00000 78.984518 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -186.491814 .000000 .000000
.000000 .000000 .000000
0.25000 -186.491814 .000000 .000000
.000000 .000000 .000000
0.50000 -186.491814 .000000 .000000
.000000 .000000 .000000
0.75000 -186.491814 .000000 .000000
.000000 .000000 .000000
1.00000 -186.491814 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 93.453762 .000000 .000000
.000000 .000000 .000000
0.25000 93.453762 .000000 .000000
.000000 .000000 .000000
0.50000 93.453762 .000000 .000000
.000000 .000000 .000000
0.75000 93.453762 .000000 .000000
.000000 .000000 .000000
1.00000 93.453762 .000000 .000000
.000000 .000000 .000000

COMB DB-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -479.322785 .000000 .000000
.000000 .000000 .000000
0.25000 -479.322785 .000000 .000000
.000000 .000000 .000000
0.50000 -479.322785 .000000 .000000
.000000 .000000 .000000
0.75000 -479.322785 .000000 .000000
.000000 .000000 .000000
1.00000 -479.322785 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 43.235332 .000000 .000000
.000000 .000000 .000000
0.25000 43.235332 .000000 .000000
.000000 .000000 .000000
0.50000 43.235332 .000000 .000000
.000000 .000000 .000000
0.75000 43.235332 .000000 .000000
.000000 .000000 .000000
1.00000 43.235332 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5231

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -579.243213 .000000 .000000
.000000 .000000 .000000
0.25000 -579.243213 .000000 .000000
.000000 .000000 .000000
0.50000 -579.243213 .000000 .000000
.000000 .000000 .000000
0.75000 -579.243213 .000000 .000000
.000000 .000000 .000000
1.00000 -579.243213 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 71.549936 .000000 .000000
.000000 .000000 .000000
0.25000 71.549936 .000000 .000000
.000000 .000000 .000000
0.50000 71.549936 .000000 .000000
.000000 .000000 .000000
0.75000 71.549936 .000000 .000000
.000000 .000000 .000000
1.00000 71.549936 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -761.191624 .000000 .000000
.000000 .000000 .000000
0.25000 -761.191624 .000000 .000000
.000000 .000000 .000000
0.50000 -761.191624 .000000 .000000
.000000 .000000 .000000
0.75000 -761.191624 .000000 .000000
.000000 .000000 .000000
1.00000 -761.191624 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 85.260726 .000000 .000000
.000000 .000000 .000000
0.25000 85.260726 .000000 .000000
.000000 .000000 .000000
0.50000 85.260726 .000000 .000000
.000000 .000000 .000000
0.75000 85.260726 .000000 .000000
.000000 .000000 .000000
1.00000 85.260726 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -747.899585 .000000 .000000
.000000 .000000 .000000
0.25000 -747.899585 .000000 .000000
.000000 .000000 .000000
0.50000 -747.899585 .000000 .000000
.000000 .000000 .000000
0.75000 -747.899585 .000000 .000000
.000000 .000000 .000000
1.00000 -747.899585 .000000 .000000
.000000 .000000 .000000

COMB DB-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 96.056453 .000000 .000000
.000000 .000000 .000000
0.25000 96.056453 .000000 .000000
.000000 .000000 .000000
0.50000 96.056453 .000000 .000000
.000000 .000000 .000000
0.75000 96.056453 .000000 .000000
.000000 .000000 .000000
1.00000 96.056453 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5232

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -631.307525 .000000 .000000
.000000 .000000 .000000
0.25000 -631.307525 .000000 .000000
.000000 .000000 .000000
0.50000 -631.307525 .000000 .000000
.000000 .000000 .000000
0.75000 -631.307525 .000000 .000000
.000000 .000000 .000000
1.00000 -631.307525 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 80.904842 .000000 .000000
.000000 .000000 .000000
0.25000 80.904842 .000000 .000000
.000000 .000000 .000000
0.50000 80.904842 .000000 .000000
.000000 .000000 .000000
0.75000 80.904842 .000000 .000000
.000000 .000000 .000000
1.00000 80.904842 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -15.180224 .000000 .000000
.000000 .000000 .000000
0.25000 -15.180224 .000000 .000000
.000000 .000000 .000000
0.50000 -15.180224 .000000 .000000
.000000 .000000 .000000
0.75000 -15.180224 .000000 .000000
.000000 .000000 .000000
1.00000 -15.180224 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 134.510490 .000000 .000000
.000000 .000000 .000000
0.25000 134.510490 .000000 .000000
.000000 .000000 .000000
0.50000 134.510490 .000000 .000000
.000000 .000000 .000000
0.75000 134.510490 .000000 .000000
.000000 .000000 .000000
1.00000 134.510490 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -49.358985 .000000 .000000
.000000 .000000 .000000
0.25000 -49.358985 .000000 .000000
.000000 .000000 .000000
0.50000 -49.358985 .000000 .000000
.000000 .000000 .000000
0.75000 -49.358985 .000000 .000000
.000000 .000000 .000000
1.00000 -49.358985 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 149.649464 .000000 .000000
.000000 .000000 .000000
0.25000 149.649464 .000000 .000000
.000000 .000000 .000000
0.50000 149.649464 .000000 .000000
.000000 .000000 .000000
0.75000 149.649464 .000000 .000000
.000000 .000000 .000000
1.00000 149.649464 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5233

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G1-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -256.957620 .000000 .000000
.000000 .000000 .000000
0.25000 -256.957620 .000000 .000000
.000000 .000000 .000000
0.50000 -256.957620 .000000 .000000
.000000 .000000 .000000
0.75000 -256.957620 .000000 .000000
.000000 .000000 .000000
1.00000 -256.957620 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 160.074281 .000000 .000000
.000000 .000000 .000000
0.25000 160.074281 .000000 .000000
.000000 .000000 .000000
0.50000 160.074281 .000000 .000000
.000000 .000000 .000000
0.75000 160.074281 .000000 .000000
.000000 .000000 .000000
1.00000 160.074281 .000000 .000000
.000000 .000000 .000000

COMB DL-G1-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -700.331729 .000000 .000000
.000000 .000000 .000000
0.25000 -700.331729 .000000 .000000
.000000 .000000 .000000
0.50000 -700.331729 .000000 .000000
.000000 .000000 .000000
0.75000 -700.331729 .000000 .000000
.000000 .000000 .000000
1.00000 -700.331729 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 52.064702 .000000 .000000
.000000 .000000 .000000
0.25000 52.064702 .000000 .000000
.000000 .000000 .000000
0.50000 52.064702 .000000 .000000
.000000 .000000 .000000
0.75000 52.064702 .000000 .000000
.000000 .000000 .000000
1.00000 52.064702 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -84.743757 .000000 .000000
.000000 .000000 .000000
0.25000 -84.743757 .000000 .000000
.000000 .000000 .000000
0.50000 -84.743757 .000000 .000000
.000000 .000000 .000000
0.75000 -84.743757 .000000 .000000
.000000 .000000 .000000
1.00000 -84.743757 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 85.436512 .000000 .000000
.000000 .000000 .000000
0.25000 85.436512 .000000 .000000
.000000 .000000 .000000
0.50000 85.436512 .000000 .000000
.000000 .000000 .000000
0.75000 85.436512 .000000 .000000
.000000 .000000 .000000
1.00000 85.436512 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5234

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -415.056051 .000000 .000000
.000000 .000000 .000000
0.25000 -415.056051 .000000 .000000
.000000 .000000 .000000
0.50000 -415.056051 .000000 .000000
.000000 .000000 .000000
0.75000 -415.056051 .000000 .000000
.000000 .000000 .000000
1.00000 -415.056051 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 135.240602 .000000 .000000
.000000 .000000 .000000
0.25000 135.240602 .000000 .000000
.000000 .000000 .000000
0.50000 135.240602 .000000 .000000
.000000 .000000 .000000
0.75000 135.240602 .000000 .000000
.000000 .000000 .000000
1.00000 135.240602 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -383.806505 .000000 .000000
.000000 .000000 .000000
0.25000 -383.806505 .000000 .000000
.000000 .000000 .000000
0.50000 -383.806505 .000000 .000000
.000000 .000000 .000000
0.75000 -383.806505 .000000 .000000
.000000 .000000 .000000
1.00000 -383.806505 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 151.093574 .000000 .000000
.000000 .000000 .000000
0.25000 151.093574 .000000 .000000
.000000 .000000 .000000
0.50000 151.093574 .000000 .000000
.000000 .000000 .000000
0.75000 151.093574 .000000 .000000
.000000 .000000 .000000
1.00000 151.093574 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -988.158948 .000000 .000000
.000000 .000000 .000000
0.25000 -988.158948 .000000 .000000
.000000 .000000 .000000
0.50000 -988.158948 .000000 .000000
.000000 .000000 .000000
0.75000 -988.158948 .000000 .000000
.000000 .000000 .000000
1.00000 -988.158948 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-1 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 59.841427 .000000 .000000
.000000 .000000 .000000
0.25000 59.841427 .000000 .000000
.000000 .000000 .000000
0.50000 59.841427 .000000 .000000
.000000 .000000 .000000
0.75000 59.841427 .000000 .000000
.000000 .000000 .000000
1.00000 59.841427 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5235

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-1 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1171.885 .000000 .000000
.000000 .000000 .000000
0.25000 -1171.885 .000000 .000000
.000000 .000000 .000000
0.50000 -1171.885 .000000 .000000
.000000 .000000 .000000
0.75000 -1171.885 .000000 .000000
.000000 .000000 .000000
1.00000 -1171.885 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-2 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 99.682423 .000000 .000000
.000000 .000000 .000000
0.25000 99.682423 .000000 .000000
.000000 .000000 .000000
0.50000 99.682423 .000000 .000000
.000000 .000000 .000000
0.75000 99.682423 .000000 .000000
.000000 .000000 .000000
1.00000 99.682423 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-2 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1573.983 .000000 .000000
.000000 .000000 .000000
0.25000 -1573.983 .000000 .000000
.000000 .000000 .000000
0.50000 -1573.983 .000000 .000000
.000000 .000000 .000000
0.75000 -1573.983 .000000 .000000
.000000 .000000 .000000
1.00000 -1573.983 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-3 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 119.725091 .000000 .000000
.000000 .000000 .000000
0.25000 119.725091 .000000 .000000
.000000 .000000 .000000
0.50000 119.725091 .000000 .000000
.000000 .000000 .000000
0.75000 119.725091 .000000 .000000
.000000 .000000 .000000
1.00000 119.725091 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-3 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1529.278 .000000 .000000
.000000 .000000 .000000
0.25000 -1529.278 .000000 .000000
.000000 .000000 .000000
0.50000 -1529.278 .000000 .000000
.000000 .000000 .000000
0.75000 -1529.278 .000000 .000000
.000000 .000000 .000000
1.00000 -1529.278 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-4 ---------- MAX

REL DIST P V2 V3
T M2 M3
0.00000 147.289088 .000000 .000000
.000000 .000000 .000000
0.25000 147.289088 .000000 .000000
.000000 .000000 .000000
0.50000 147.289088 .000000 .000000
.000000 .000000 .000000
0.75000 147.289088 .000000 .000000
.000000 .000000 .000000
1.00000 147.289088 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5236

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-4 ---------- MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1285.977 .000000 .000000
.000000 .000000 .000000
0.25000 -1285.977 .000000 .000000
.000000 .000000 .000000
0.50000 -1285.977 .000000 .000000
.000000 .000000 .000000
0.75000 -1285.977 .000000 .000000
.000000 .000000 .000000
1.00000 -1285.977 .000000 .000000
.000000 .000000 .000000

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	96.056453	.000000	.000000
.000000	.000000	.000000	
0.25000	96.056453	.000000	.000000
.000000	.000000	.000000	
0.50000	96.056453	.000000	.000000
.000000	.000000	.000000	
0.75000	96.056453	.000000	.000000
.000000	.000000	.000000	
1.00000	96.056453	.000000	.000000
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-761.191624	.000000	.000000
.000000	.000000	.000000	
0.25000	-761.191624	.000000	.000000
.000000	.000000	.000000	
0.50000	-761.191624	.000000	.000000
.000000	.000000	.000000	
0.75000	-761.191624	.000000	.000000
.000000	.000000	.000000	
1.00000	-761.191624	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.25000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.50000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.75000	160.074281	.000000	.000000
.000000	.000000	.000000	
1.00000	160.074281	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.25000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.50000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.75000	-1573.983	.000000	.000000
.000000	.000000	.000000	
1.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.25000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.50000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.75000	160.074281	.000000	.000000
.000000	.000000	.000000	
1.00000	160.074281	.000000	.000000
.000000	.000000	.000000	

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.25000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.50000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.75000	-1573.983	.000000	.000000
.000000	.000000	.000000	
1.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.25000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.50000	160.074281	.000000	.000000
.000000	.000000	.000000	
0.75000	160.074281	.000000	.000000
.000000	.000000	.000000	
1.00000	160.074281	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.25000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.50000	-1573.983	.000000	.000000
.000000	.000000	.000000	
0.75000	-1573.983	.000000	.000000
.000000	.000000	.000000	
1.00000	-1573.983	.000000	.000000
.000000	.000000	.000000	

ELEM 514 ========== LENGTH = 1.200000

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	30.226617	.000000	.000000
.000000	.000000	.000000	
0.25000	30.226617	.000000	.000000
.000000	.000000	.000000	
0.50000	30.226617	.000000	.000000
.000000	.000000	.000000	
0.75000	30.226617	.000000	.000000
.000000	.000000	.000000	
1.00000	30.226617	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-9.229463	.000000	.000000
.000000	.000000	.000000	
0.25000	-9.229463	.000000	.000000
.000000	.000000	.000000	
0.50000	-9.229463	.000000	.000000
.000000	.000000	.000000	
0.75000	-9.229463	.000000	.000000
.000000	.000000	.000000	
1.00000	-9.229463	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	61.459519	.000000	.000000
.000000	.000000	.000000	
0.25000	61.459519	.000000	.000000
.000000	.000000	.000000	
0.50000	61.459519	.000000	.000000
.000000	.000000	.000000	

REL DIST T	P M2	V2 M3	V3
0.75000	61.459519	.000000	.000000
.000000	.000000	.000000	
1.00000	61.459519	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-23.445253	.000000	.000000
.000000	.000000	.000000	
0.25000	-23.445253	.000000	.000000
.000000	.000000	.000000	
0.50000	-23.445253	.000000	.000000
.000000	.000000	.000000	
0.75000	-23.445253	.000000	.000000
.000000	.000000	.000000	
1.00000	-23.445253	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	79.933650	.000000	.000000
.000000	.000000	.000000	
0.25000	79.933650	.000000	.000000
.000000	.000000	.000000	
0.50000	79.933650	.000000	.000000
.000000	.000000	.000000	
0.75000	79.933650	.000000	.000000
.000000	.000000	.000000	
1.00000	79.933650	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-102.646826	.000000	.000000
.000000	.000000	.000000	
0.25000	-102.646826	.000000	.000000
.000000	.000000	.000000	
0.50000	-102.646826	.000000	.000000
.000000	.000000	.000000	
0.75000	-102.646826	.000000	.000000
.000000	.000000	.000000	
1.00000	-102.646826	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	97.502270	.000000	.000000
.000000	.000000	.000000	
0.25000	97.502270	.000000	.000000
.000000	.000000	.000000	
0.50000	97.502270	.000000	.000000
.000000	.000000	.000000	
0.75000	97.502270	.000000	.000000
.000000	.000000	.000000	
1.00000	97.502270	.000000	.000000
.000000	.000000	.000000	

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-311.479524	.000000	.000000
.000000	.000000	.000000	
0.25000	-311.479524	.000000	.000000
.000000	.000000	.000000	
0.50000	-311.479524	.000000	.000000
.000000	.000000	.000000	
0.75000	-311.479524	.000000	.000000
.000000	.000000	.000000	
1.00000	-311.479524	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	33.550954	.000000	.000000
.000000	.000000	.000000	

REL DIST T	P M2	V2 M3	V3
0.25000	33.550954	.000000	.000000
.000000	.000000	.000000	
0.50000	33.550954	.000000	.000000
.000000	.000000	.000000	
0.75000	33.550954	.000000	.000000
.000000	.000000	.000000	
1.00000	33.550954	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-36.051270	.000000	.000000
.000000	.000000	.000000	
0.25000	-36.051270	.000000	.000000
.000000	.000000	.000000	
0.50000	-36.051270	.000000	.000000
.000000	.000000	.000000	
0.75000	-36.051270	.000000	.000000
.000000	.000000	.000000	
1.00000	-36.051270	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	68.372001	.000000	.000000
.000000	.000000	.000000	
0.25000	68.372001	.000000	.000000
.000000	.000000	.000000	
0.50000	68.372001	.000000	.000000
.000000	.000000	.000000	
0.75000	68.372001	.000000	.000000
.000000	.000000	.000000	
1.00000	68.372001	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-167.367662	.000000	.000000
.000000	.000000	.000000	
0.25000	-167.367662	.000000	.000000
.000000	.000000	.000000	
0.50000	-167.367662	.000000	.000000
.000000	.000000	.000000	
0.75000	-167.367662	.000000	.000000
.000000	.000000	.000000	
1.00000	-167.367662	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	81.926285	.000000	.000000
.000000	.000000	.000000	
0.25000	81.926285	.000000	.000000
.000000	.000000	.000000	
0.50000	81.926285	.000000	.000000
.000000	.000000	.000000	
0.75000	81.926285	.000000	.000000
.000000	.000000	.000000	
1.00000	81.926285	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-157.993931	.000000	.000000
.000000	.000000	.000000	
0.25000	-157.993931	.000000	.000000
.000000	.000000	.000000	
0.50000	-157.993931	.000000	.000000
.000000	.000000	.000000	
0.75000	-157.993931	.000000	.000000
.000000	.000000	.000000	
1.00000	-157.993931	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	101.153132	.000000	.000000
.000000	.000000	.000000	
0.25000	101.153132	.000000	.000000
.000000	.000000	.000000	
0.50000	101.153132	.000000	.000000
.000000	.000000	.000000	
0.75000	101.153132	.000000	.000000
.000000	.000000	.000000	
1.00000	101.153132	.000000	.000000
.000000	.000000	.000000	

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-455.583236	.000000	.000000
.000000	.000000	.000000	
0.25000	-455.583236	.000000	.000000
.000000	.000000	.000000	
0.50000	-455.583236	.000000	.000000
.000000	.000000	.000000	
0.75000	-455.583236	.000000	.000000
.000000	.000000	.000000	
1.00000	-455.583236	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	51.477840	.000000	.000000
.000000	.000000	.000000	
0.25000	51.477840	.000000	.000000
.000000	.000000	.000000	
0.50000	51.477840	.000000	.000000
.000000	.000000	.000000	
0.75000	51.477840	.000000	.000000
.000000	.000000	.000000	
1.00000	51.477840	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-577.852300	.000000	.000000
.000000	.000000	.000000	
0.25000	-577.852300	.000000	.000000
.000000	.000000	.000000	
0.50000	-577.852300	.000000	.000000
.000000	.000000	.000000	
0.75000	-577.852300	.000000	.000000
.000000	.000000	.000000	
1.00000	-577.852300	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	85.430238	.000000	.000000
.000000	.000000	.000000	
0.25000	85.430238	.000000	.000000
.000000	.000000	.000000	
0.50000	85.430238	.000000	.000000
.000000	.000000	.000000	
0.75000	85.430238	.000000	.000000
.000000	.000000	.000000	
1.00000	85.430238	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-747.826017	.000000	.000000
.000000	.000000	.000000	
0.25000	-747.826017	.000000	.000000
.000000	.000000	.000000	
0.50000	-747.826017	.000000	.000000
.000000	.000000	.000000	
0.75000	-747.826017	.000000	.000000
.000000	.000000	.000000	
1.00000	-747.826017	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	102.943676	.000000	.000000
.000000	.000000	.000000	
0.25000	102.943676	.000000	.000000
.000000	.000000	.000000	
0.50000	102.943676	.000000	.000000
.000000	.000000	.000000	
0.75000	102.943676	.000000	.000000
.000000	.000000	.000000	
1.00000	102.943676	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-721.533822	.000000	.000000
.000000	.000000	.000000	
0.25000	-721.533822	.000000	.000000
.000000	.000000	.000000	
0.50000	-721.533822	.000000	.000000
.000000	.000000	.000000	
0.75000	-721.533822	.000000	.000000
.000000	.000000	.000000	
1.00000	-721.533822	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	107.186792	.000000	.000000
.000000	.000000	.000000	
0.25000	107.186792	.000000	.000000
.000000	.000000	.000000	
0.50000	107.186792	.000000	.000000
.000000	.000000	.000000	
0.75000	107.186792	.000000	.000000
.000000	.000000	.000000	
1.00000	107.186792	.000000	.000000
.000000	.000000	.000000	

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-607.062520	.000000	.000000
.000000	.000000	.000000	
0.25000	-607.062520	.000000	.000000
.000000	.000000	.000000	
0.50000	-607.062520	.000000	.000000
.000000	.000000	.000000	
0.75000	-607.062520	.000000	.000000
.000000	.000000	.000000	
1.00000	-607.062520	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	84.072588	.000000	.000000
.000000	.000000	.000000	
0.25000	84.072588	.000000	.000000
.000000	.000000	.000000	
0.50000	84.072588	.000000	.000000
.000000	.000000	.000000	
0.75000	84.072588	.000000	.000000
.000000	.000000	.000000	
1.00000	84.072588	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-13.213461	.000000	.000000
.000000	.000000	.000000	
0.25000	-13.213461	.000000	.000000
.000000	.000000	.000000	
0.50000	-13.213461	.000000	.000000
.000000	.000000	.000000	
0.75000	-13.213461	.000000	.000000
.000000	.000000	.000000	
1.00000	-13.213461	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	152.446328	.000000	.000000
.000000	.000000	.000000	
0.25000	152.446328	.000000	.000000
.000000	.000000	.000000	
0.50000	152.446328	.000000	.000000
.000000	.000000	.000000	
0.75000	152.446328	.000000	.000000
.000000	.000000	.000000	
1.00000	152.446328	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-42.027753	.000000	.000000
.000000	.000000	.000000	
0.25000	-42.027753	.000000	.000000
.000000	.000000	.000000	
0.50000	-42.027753	.000000	.000000
.000000	.000000	.000000	
0.75000	-42.027753	.000000	.000000
.000000	.000000	.000000	
1.00000	-42.027753	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	197.053682	.000000	.000000
.000000	.000000	.000000	
0.25000	197.053682	.000000	.000000
.000000	.000000	.000000	
0.50000	197.053682	.000000	.000000
.000000	.000000	.000000	
0.75000	197.053682	.000000	.000000
.000000	.000000	.000000	
1.00000	197.053682	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-232.841770	.000000	.000000
.000000	.000000	.000000	
0.25000	-232.841770	.000000	.000000
.000000	.000000	.000000	
0.50000	-232.841770	.000000	.000000
.000000	.000000	.000000	
0.75000	-232.841770	.000000	.000000
.000000	.000000	.000000	
1.00000	-232.841770	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	230.447146	.000000	.000000
.000000	.000000	.000000	
0.25000	230.447146	.000000	.000000
.000000	.000000	.000000	
0.50000	230.447146	.000000	.000000
.000000	.000000	.000000	
0.75000	230.447146	.000000	.000000
.000000	.000000	.000000	
1.00000	230.447146	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-660.900124	.000000	.000000
.000000	.000000	.000000	
0.25000	-660.900124	.000000	.000000
.000000	.000000	.000000	
0.50000	-660.900124	.000000	.000000
.000000	.000000	.000000	
0.75000	-660.900124	.000000	.000000
.000000	.000000	.000000	
1.00000	-660.900124	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	74.384532	.000000	.000000
.000000	.000000	.000000	
0.25000	74.384532	.000000	.000000
.000000	.000000	.000000	
0.50000	74.384532	.000000	.000000
.000000	.000000	.000000	
0.75000	74.384532	.000000	.000000

.000000 .000000 .000000
1.00000 74.384532 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -74.137067 .000000 .000000
.000000 .000000 .000000
0.25000 -74.137067 .000000 .000000
.000000 .000000 .000000
0.50000 -74.137067 .000000 .000000
.000000 .000000 .000000
0.75000 -74.137067 .000000 .000000
.000000 .000000 .000000
1.00000 -74.137067 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 145.516833 .000000 .000000
.000000 .000000 .000000
0.25000 145.516833 .000000 .000000
.000000 .000000 .000000
0.50000 145.516833 .000000 .000000
.000000 .000000 .000000
0.75000 145.516833 .000000 .000000
.000000 .000000 .000000
1.00000 145.516833 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -382.057116 .000000 .000000
.000000 .000000 .000000
0.25000 -382.057116 .000000 .000000
.000000 .000000 .000000
0.50000 -382.057116 .000000 .000000
.000000 .000000 .000000
0.75000 -382.057116 .000000 .000000
.000000 .000000 .000000
1.00000 -382.057116 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 195.448190 .000000 .000000
.000000 .000000 .000000
0.25000 195.448190 .000000 .000000
.000000 .000000 .000000
0.50000 195.448190 .000000 .000000
.000000 .000000 .000000
0.75000 195.448190 .000000 .000000
.000000 .000000 .000000
1.00000 195.448190 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -353.495773 .000000 .000000
.000000 .000000 .000000
0.25000 -353.495773 .000000 .000000
.000000 .000000 .000000
0.50000 -353.495773 .000000 .000000
.000000 .000000 .000000
0.75000 -353.495773 .000000 .000000
.000000 .000000 .000000
1.00000 -353.495773 .000000 .000000
.000000 .000000 .000000
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Page
< MOVING LOAD >
5244

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G2-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 235.118411 .000000 .000000
.000000 .000000 .000000
0.25000 235.118411 .000000 .000000
.000000 .000000 .000000
0.50000 235.118411 .000000 .000000
.000000 .000000 .000000
0.75000 235.118411 .000000 .000000
.000000 .000000 .000000
1.00000 235.118411 .000000 .000000
.000000 .000000 .000000

COMB DL-G2-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -940.727160 .000000 .000000
.000000 .000000 .000000
0.25000 -940.727160 .000000 .000000
.000000 .000000 .000000
0.50000 -940.727160 .000000 .000000
.000000 .000000 .000000
0.75000 -940.727160 .000000 .000000
.000000 .000000 .000000
1.00000 -940.727160 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 112.784423 .000000 .000000
.000000 .000000 .000000
0.25000 112.784423 .000000 .000000
.000000 .000000 .000000
0.50000 112.784423 .000000 .000000
.000000 .000000 .000000
0.75000 112.784423 .000000 .000000
.000000 .000000 .000000
1.00000 112.784423 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1134.189 .000000 .000000
.000000 .000000 .000000
0.25000 -1134.189 .000000 .000000
.000000 .000000 .000000
0.50000 -1134.189 .000000 .000000
.000000 .000000 .000000
0.75000 -1134.189 .000000 .000000
.000000 .000000 .000000
1.00000 -1134.189 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 186.715553 .000000 .000000
.000000 .000000 .000000
0.25000 186.715553 .000000 .000000
.000000 .000000 .000000
0.50000 186.715553 .000000 .000000
.000000 .000000 .000000
0.75000 186.715553 .000000 .000000
.000000 .000000 .000000
1.00000 186.715553 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.25000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.50000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.75000 -1514.778 .000000 .000000
.000000 .000000 .000000
1.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5245

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 223.293939 .000000 .000000
.000000 .000000 .000000
0.25000 223.293939 .000000 .000000
.000000 .000000 .000000
0.50000 223.293939 .000000 .000000
.000000 .000000 .000000
0.75000 223.293939 .000000 .000000
.000000 .000000 .000000
1.00000 223.293939 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1463.607 .000000 .000000
.000000 .000000 .000000
0.25000 -1463.607 .000000 .000000
.000000 .000000 .000000
0.50000 -1463.607 .000000 .000000
.000000 .000000 .000000
0.75000 -1463.607 .000000 .000000
.000000 .000000 .000000
1.00000 -1463.607 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 242.114870 .000000 .000000
.000000 .000000 .000000
0.25000 242.114870 .000000 .000000
.000000 .000000 .000000
0.50000 242.114870 .000000 .000000
.000000 .000000 .000000
0.75000 242.114870 .000000 .000000
.000000 .000000 .000000
1.00000 242.114870 .000000 .000000
.000000 .000000 .000000

COMB DL-G3-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1229.734 .000000 .000000
.000000 .000000 .000000
0.25000 -1229.734 .000000 .000000
.000000 .000000 .000000
0.50000 -1229.734 .000000 .000000
.000000 .000000 .000000
0.75000 -1229.734 .000000 .000000
.000000 .000000 .000000
1.00000 -1229.734 .000000 .000000
.000000 .000000 .000000

COMB DB ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 107.186792 .000000 .000000
.000000 .000000 .000000
0.25000 107.186792 .000000 .000000
.000000 .000000 .000000
0.50000 107.186792 .000000 .000000
.000000 .000000 .000000
0.75000 107.186792 .000000 .000000
.000000 .000000 .000000
1.00000 107.186792 .000000 .000000
.000000 .000000 .000000

COMB DB ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -747.826017 .000000 .000000
.000000 .000000 .000000
0.25000 -747.826017 .000000 .000000
.000000 .000000 .000000
0.50000 -747.826017 .000000 .000000
.000000 .000000 .000000
0.75000 -747.826017 .000000 .000000
.000000 .000000 .000000
1.00000 -747.826017 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5246

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 242.114870 .000000 .000000
.000000 .000000 .000000
0.25000 242.114870 .000000 .000000
.000000 .000000 .000000
0.50000 242.114870 .000000 .000000
.000000 .000000 .000000
0.75000 242.114870 .000000 .000000
.000000 .000000 .000000
1.00000 242.114870 .000000 .000000
.000000 .000000 .000000

COMB DL ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.25000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.50000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.75000 -1514.778 .000000 .000000
.000000 .000000 .000000
1.00000 -1514.778 .000000 .000000
.000000 .000000 .000000

COMB CAR ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 242.114870 .000000 .000000
.000000 .000000 .000000
0.25000 242.114870 .000000 .000000
.000000 .000000 .000000
0.50000 242.114870 .000000 .000000
.000000 .000000 .000000
0.75000 242.114870 .000000 .000000
.000000 .000000 .000000
1.00000 242.114870 .000000 .000000
.000000 .000000 .000000

COMB CAR ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.25000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.50000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.75000 -1514.778 .000000 .000000
.000000 .000000 .000000
1.00000 -1514.778 .000000 .000000
.000000 .000000 .000000

COMB DESIGN ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 242.114870 .000000 .000000
.000000 .000000 .000000
0.25000 242.114870 .000000 .000000
.000000 .000000 .000000
0.50000 242.114870 .000000 .000000
.000000 .000000 .000000
0.75000 242.114870 .000000 .000000
.000000 .000000 .000000
1.00000 242.114870 .000000 .000000
.000000 .000000 .000000

COMB DESIGN ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.25000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.50000 -1514.778 .000000 .000000
.000000 .000000 .000000
0.75000 -1514.778 .000000 .000000
.000000 .000000 .000000
1.00000 -1514.778 .000000 .000000
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5247

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 515 ========== LENGTH = 1.200000

COMB DB-G1-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 29.767876 21.566469 0.560971
.000000 0.673164 25.679763
0.25000 29.767876 21.566469 0.560971
.000000 0.504873 19.409822
0.50000 29.767876 21.566469 0.560971
.000000 0.336582 12.939881
0.75000 29.767876 21.566469 0.560971
.000000 0.168291 6.469941
1.00000 29.767876 21.566469 0.560971
.000000 .000000 .000000

COMB DB-G1-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -9.249130 -21.582291 -0.561383
.000000 -0.673658 -25.898749
0.25000 -9.249130 -21.582291 -0.561383
.000000 -0.505243 -19.424062
0.50000 -9.249130 -21.582291 -0.561383
.000000 -0.336829 -12.949374
0.75000 -9.249130 -21.582291 -0.561383
.000000 -0.168414 -6.474687
1.00000 -9.249130 -21.582291 -0.561383
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 60.890853 35.146561 0.914207
.000000 1.097034 42.175873
0.25000 60.890853 35.146561 0.914207
.000000 0.822775 31.631905
0.50000 60.890853 35.146561 0.914207
.000000 0.548517 21.087936
0.75000 60.890853 35.146561 0.914207
.000000 0.274262 10.543968
1.00000 60.890853 35.146561 0.914207
.000000 .000000 .000000

COMB DB-G1-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -23.407205 -35.166096 -0.914715
.000000 -1.097643 -42.199315
0.25000 -23.407205 -35.166096 -0.914715
.000000 -0.823232 -31.649486
0.50000 -23.407205 -35.166096 -0.914715
.000000 -0.548821 -21.099657
0.75000 -23.407205 -35.166096 -0.914715
.000000 -0.274397 -10.549829
1.00000 -23.407205 -35.166096 -0.914715
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 79.371385 36.751576 0.955955
.000000 1.147142 44.101891
0.25000 79.371385 36.751576 0.955955
.000000 0.860377 33.076418
0.50000 79.371385 36.751576 0.955955
.000000 0.573585 22.050946
0.75000 79.371385 36.751576 0.955955
.000000 0.286792 11.025473
1.00000 79.371385 36.751576 0.955955
.000000 .000000 .000000

COMB DB-G1-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -102.701788 -36.764539 -0.956292
.000000 -1.147573 -44.117447
0.25000 -102.701788 -36.764539 -0.956292
.000000 -0.860679 -33.088085
0.50000 -102.701788 -36.764539 -0.956292
.000000 -0.573786 -22.058724
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5248

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.75000 -102.701788 -36.764539 -0.956292
.000000 -0.286870 -11.029362
1.00000 -102.701788 -36.764539 -0.956292
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 97.034783 41.437183 1.077834
.000000 1.293413 49.724620
0.25000 97.034783 41.437183 1.077834
.000000 0.970056 37.293465
0.50000 97.034783 41.437183 1.077834
.000000 0.646704 24.862310
0.75000 97.034783 41.437183 1.077834
.000000 0.323356 12.431155
1.00000 97.034783 41.437183 1.077834
.000000 .000000 .000000

COMB DB-G1-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -311.586596 -41.389497 -1.076593
.000000 -1.291923 -49.667396
0.25000 -311.586596 -41.389497 -1.076593
.000000 -0.968937 -37.250547
0.50000 -311.586596 -41.389497 -1.076593
.000000 -0.645966 -24.833698
0.75000 -311.586596 -41.389497 -1.076593
.000000 -0.322977 -12.416849
1.00000 -311.586596 -41.389497 -1.076593
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 33.490917 12.852058 0.334298
.000000 0.401159 15.422469
0.25000 33.490917 12.852058 0.334298
.000000 0.300869 11.566852
0.50000 33.490917 12.852058 0.334298
.000000 0.200579 7.711235
0.75000 33.490917 12.852058 0.334298
.000000 0.100300 3.855617
1.00000 33.490917 12.852058 0.334298
.000000 .000000 .000000

COMB DB-G2-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -35.995718 -12.852674 -0.334314
.000000 -0.401178 -15.423209
0.25000 -35.995718 -12.852674 -0.334314
.000000 -0.300883 -11.567407
0.50000 -35.995718 -12.852674 -0.334314
.000000 -0.200589 -7.711604
0.75000 -35.995718 -12.852674 -0.334314
.000000 -0.100264 -3.855802
1.00000 -35.995718 -12.852674 -0.334314
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 68.291953 18.214268 0.473776
.000000 0.568543 21.857122
0.25000 68.291953 18.214268 0.473776
.000000 0.426402 16.392842
0.50000 68.291953 18.214268 0.473776
.000000 0.284268 10.928561
0.75000 68.291953 18.214268 0.473776
.000000 0.142134 5.464281
1.00000 68.291953 18.214268 0.473776
.000000 .000000 .000000

COMB DB-G2-2 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -167.493605 -18.181258 -0.472918
.000000 -0.567510 -21.817510
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5249

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST P V2 V3
T M2 M3
0.25000 -167.493605 -18.181258 -0.472918
.000000 -0.425626 -16.363132
0.50000 -167.493605 -18.181258 -0.472918
.000000 -0.283751 -10.908755
0.75000 -167.493605 -18.181258 -0.472918
.000000 -0.141867 -5.454377
1.00000 -167.493605 -18.181258 -0.472918
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 81.512401 32.841767 0.854256
.000000 1.025109 39.410120
0.25000 81.512401 32.841767 0.854256
.000000 0.768827 29.557590
0.50000 81.512401 32.841767 0.854256
.000000 0.512551 19.705060
0.75000 81.512401 32.841767 0.854256
.000000 0.256276 9.852530
1.00000 81.512401 32.841767 0.854256
.000000 .000000 .000000

COMB DB-G2-3 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -158.120030 -32.823152 -0.853772
.000000 -1.025526 -39.387393
0.25000 -158.120030 -32.823152 -0.853772
.000000 -0.768388 -29.540837
0.50000 -158.120030 -32.823152 -0.853772
.000000 -0.512259 -19.693891
0.75000 -158.120030 -32.823152 -0.853772
.000000 -0.256121 -9.846946
1.00000 -158.120030 -32.823152 -0.853772
.000000 .000000 .000000

COMB DB-G2-4 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 100.807527 42.789633 1.113013
.000000 1.335618 51.347559
0.25000 100.807527 42.789633 1.113013
.000000 1.001710 38.510669
0.50000 100.807527 42.789633 1.113013
.000000 0.667807 25.673780
0.75000 100.807527 42.789633 1.113013
.000000 0.333903 12.836903
1.00000 100.807527 42.789633 1.113013
.000000 .000000 .000000

COMB DB-G2-4 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -455.677241 -42.711775 -1.110988
.000000 -1.333185 -51.254131
0.25000 -455.677241 -42.711775 -1.110988
.000000 -0.999885 -38.440598
0.50000 -455.677241 -42.711775 -1.110988
.000000 -0.666590 -25.627065
0.75000 -455.677241 -42.711775 -1.110988
.000000 -0.333290 -12.813533
1.00000 -455.677241 -42.711775 -1.110988
.000000 .000000 .000000

COMB DB-G3-1 ------------------ MAX

REL DIST P V2 V3
T M2 M3
0.00000 51.472413 26.808014 0.697311
.000000 0.836773 32.169617
0.25000 51.472413 26.808014 0.697311
.000000 0.627579 24.127213
0.50000 51.472413 26.808014 0.697311
.000000 0.418386 16.084809
0.75000 51.472413 26.808014 0.697311
.000000 0.209190 8.042404
1.00000 51.472413 26.808014 0.697311
.000000 .000000 .000000
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

Page
< MOVING LOAD >
5250

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ------------------ MIN

REL DIST P V2 V3
T M2 M3
0.00000 -577.867206 -26.695279 -0.694378
.000000 -0.833254 -32.034335
0.25000 -577.867206 -26.695279 -0.694378
.000000 -0.624940 -24.025751

```
0.50000 -577.867206  -26.695279  -0.694378
  .000000   -0.416626  -16.017167
0.75000 -577.867206  -26.695279  -0.694378
  .000000   -0.208311   -8.008584
1.00000 -577.867206  -26.695279  -0.694378
  .000000    .000000    .000000

COMB DB-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   85.418525   34.378091    0.894218
  .000000    1.073061   41.253709
0.25000   85.418525   34.378091    0.894218
  .000000    0.804789   30.940282
0.50000   85.418525   34.378091    0.894218
  .000000    0.536526   20.626854
0.75000   85.418525   34.378091    0.894218
  .000000    0.268245   10.313427
1.00000   85.418525   34.378091    0.894218
  .000000    .000000    .000000

COMB DB-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -747.990417  -34.217337   -0.890036
  .000000   -1.068043  -41.060805
0.25000 -747.990417  -34.217337   -0.890036
  .000000   -0.801025  -30.795604
0.50000 -747.990417  -34.217337   -0.890036
  .000000   -0.534016  -20.530402
0.75000 -747.990417  -34.217337   -0.890036
  .000000   -0.266973  -10.265201
1.00000 -747.990417  -34.217337   -0.890036
  .000000    .000000    .000000

COMB DB-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  102.882081   38.918156    1.012311
  .000000    1.214768   46.701788
0.25000  102.882081   38.918156    1.012311
  .000000    0.911072   35.026341
0.50000  102.882081   38.918156    1.012311
  .000000    0.607381   23.350894
0.75000  102.882081   38.918156    1.012311
  .000000    0.303674   11.675447
1.00000  102.882081   38.918156    1.012311
  .000000    .000000    .000000

COMB DB-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -721.675280  -38.775856   -1.008614
  .000000   -1.210324  -46.531027
0.25000 -721.675280  -38.775856   -1.008614
  .000000   -0.907738  -34.898270
0.50000 -721.675280  -38.775856   -1.008614
  .000000   -0.605159  -23.265514
0.75000 -721.675280  -38.775856   -1.008614
  .000000   -0.302556  -11.632757
1.00000 -721.675280  -38.775856   -1.008614
  .000000    .000000    .000000

COMB DB-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  106.946617   45.274491    1.177647
  .000000    1.413179   54.329390
0.25000  106.946617   45.274491    1.177647
  .000000    1.059880   40.747042
0.50000  106.946617   45.274491    1.177647
  .000000    0.706587   27.164695
0.75000  106.946617   45.274491    1.177647
  .000000    0.353280   13.582347
1.00000  106.946617   45.274491    1.177647
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5251

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -607.160097  -45.163312   -1.174755
  .000000   -1.409707  -54.195974
0.25000 -607.160097  -45.163312   -1.174755
  .000000   -1.057275  -40.646980
0.50000 -607.160097  -45.163312   -1.174755
  .000000   -0.704850  -27.097987
0.75000 -607.160097  -45.163312   -1.174755
  .000000   -0.352404  -13.548993
1.00000 -607.160097  -45.163312   -1.174755
  .000000    .000000    .000000

COMB DL-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   83.993363   30.579018    0.795399
  .000000    0.954305   36.694822
0.25000   83.993363   30.579018    0.795399
  .000000    0.715988   27.521116
0.50000   83.993363   30.579018    0.795399
  .000000    0.476981   18.347411
0.75000   83.993363   30.579018    0.795399
  .000000    0.237734    9.173705
1.00000   83.993363   30.579018    0.795399
  .000000    .000000    .000000

COMB DL-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -13.242687  -29.516276   -0.767756
  .000000   -0.921302  -35.419531
0.25000  -13.242687  -29.516276   -0.767756
  .000000   -0.690940  -26.564648
0.50000  -13.242687  -29.516276   -0.767756
  .000000   -0.460756  -17.709765
0.75000  -13.242687  -29.516276   -0.767756
  .000000   -0.230238   -8.854883
1.00000  -13.242687  -29.516276   -0.767756
  .000000    .000000    .000000

COMB DL-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  152.184497   48.223577    1.254353
  .000000    1.504454   57.868292
0.25000  152.184497   48.223577    1.254353
  .000000    1.128645   43.401219
0.50000  152.184497   48.223577    1.254353
  .000000    0.752016   28.934146
0.75000  152.184497   48.223577    1.254353
  .000000    0.375068   14.467073
1.00000  152.184497   48.223577    1.254353
  .000000    .000000    .000000

COMB DL-G1-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -41.971411  -47.676188   -1.240118
  .000000   -1.488259  -57.211426
0.25000  -41.971411  -47.676188   -1.240118
  .000000   -1.116115  -42.908569
0.50000  -41.971411  -47.676188   -1.240118
  .000000   -0.744085  -28.605713
0.75000  -41.971411  -47.676188   -1.240118
  .000000   -0.372278  -14.302856
1.00000  -41.971411  -47.676188   -1.240118
  .000000    .000000    .000000

COMB DL-G1-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  196.666014   48.237941    1.254729
  .000000    1.505030   57.885529
0.25000  196.666014   48.237941    1.254729
  .000000    1.128830   43.414147
0.50000  196.666014   48.237941    1.254729
  .000000    0.752425   28.942765
0.75000  196.666014   48.237941    1.254729
  .000000    0.375484   14.471381
1.00000  196.666014   48.237941    1.254729
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5252

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -232.699289  -47.761737   -1.242302
  .000000   -1.490265  -57.314084
0.25000 -232.699289  -47.761737   -1.242302
  .000000   -1.117584  -42.985563
0.50000 -232.699289  -47.761737   -1.242302
  .000000   -0.744419  -28.657042
0.75000 -232.699289  -47.761737   -1.242302
  .000000   -0.372610  -14.328511
1.00000 -232.699289  -47.761737   -1.242302
  .000000    .000000    .000000

COMB DL-G1-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  230.075696   54.443815    1.416153
  .000000    1.698954   65.332578
0.25000  230.075696   54.443815    1.416153
  .000000    1.274507   48.999433
0.50000  230.075696   54.443815    1.416153
  .000000    0.849723   32.666289
0.75000  230.075696   54.443815    1.416153
  .000000    0.424680   16.333144
1.00000  230.075696   54.443815    1.416153
  .000000    .000000    .000000

COMB DL-G1-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -660.743733  -53.938932   -1.402988
  .000000   -1.683110  -64.726718
0.25000 -660.743733  -53.938932   -1.402988
  .000000   -1.262177  -48.545039
0.50000 -660.743733  -53.938932   -1.402988
  .000000   -0.840879  -32.363359
0.75000 -660.743733  -53.938932   -1.402988
  .000000   -0.420565  -16.181680
1.00000 -660.743733  -53.938932   -1.402988
  .000000    .000000    .000000

COMB DL-G2-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   74.183068   15.918155    0.414035
  .000000    0.496737   19.101786
0.25000   74.183068   15.918155    0.414035
  .000000    0.372434   14.326339
0.50000   74.183068   15.918155    0.414035
  .000000    0.248244    9.550893
0.75000   74.183068   15.918155    0.414035
  .000000    0.123960    4.775446
1.00000   74.183068   15.918155    0.414035
  .000000    .000000    .000000

COMB DL-G2-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -74.012834  -16.527432   -0.429888
  .000000   -0.515940  -19.832919
0.25000  -74.012834  -16.527432   -0.429888
  .000000   -0.386879  -14.874689
0.50000  -74.012834  -16.527432   -0.429888
  .000000   -0.257815   -9.916459
0.75000  -74.012834  -16.527432   -0.429888
  .000000   -0.129051   -4.958230
1.00000  -74.012834  -16.527432   -0.429888
  .000000    .000000    .000000

COMB DL-G2-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  145.179554   21.446440    0.557840
  .000000    0.669472   25.758728
0.25000  145.179554   21.446440    0.557840
  .000000    0.502009   19.301796
0.50000  145.179554   21.446440    0.557840
  .000000    0.334599   12.867864
0.75000  145.179554   21.446440    0.557840
  .000000    0.167270    6.433932
1.00000  145.179554   21.446440    0.557840
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5253

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -381.860667  -21.822913   -0.567588
  .000000   -0.680697  -26.187496
0.25000 -381.860667  -21.822913   -0.567588
  .000000   -0.510200  -19.640622
0.50000 -381.860667  -21.822913   -0.567588
  .000000   -0.339528  -13.093748
0.75000 -381.860667  -21.822913   -0.567588
  .000000   -0.169378   -6.546874
1.00000 -381.860667  -21.822913   -0.567588
  .000000    .000000    .000000

COMB DL-G2-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  195.032799   42.096918    1.094987
  .000000    1.313631   50.516301
0.25000  195.032799   42.096918    1.094987
  .000000    0.985177   37.887726
0.50000  195.032799   42.096918    1.094987
  .000000    0.656597   25.258151
0.75000  195.032799   42.096918    1.094987
  .000000    0.327738   12.629075
1.00000  195.032799   42.096918    1.094987
  .000000    .000000    .000000

COMB DL-G2-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -353.338314  -42.108797   -1.095257
  .000000   -1.313922  -50.530557
0.25000 -353.338314  -42.108797   -1.095257
  .000000   -0.985265  -37.897917
0.50000 -353.338314  -42.108797   -1.095257
  .000000   -0.656226  -25.265278
0.75000 -353.338314  -42.108797   -1.095257
  .000000   -0.327949  -12.632639
1.00000 -353.338314  -42.108797   -1.095257
  .000000    .000000    .000000

COMB DL-G2-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  234.734523   55.310504    1.438690
  .000000    1.726461   66.372605
0.25000  234.734523   55.310504    1.438690
  .000000    1.294818   49.779454
0.50000  234.734523   55.310504    1.438690
  .000000    0.863337   33.186302
0.75000  234.734523   55.310504    1.438690
  .000000    0.431263   16.593151
1.00000  234.734523   55.310504    1.438690
  .000000    .000000    .000000

COMB DL-G2-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -940.549975  -55.409831   -1.441239
  .000000   -1.729038  -66.491797
0.25000 -940.549975  -55.409831   -1.441239
  .000000   -1.296552  -49.868848
0.50000 -940.549975  -55.409831   -1.441239
  .000000   -0.863756  -33.245899
0.75000 -940.549975  -55.409831   -1.441239
  .000000   -0.431514  -16.622949
1.00000 -940.549975  -55.409831   -1.441239
  .000000    .000000    .000000

COMB DL-G3-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  112.734251   35.064054    0.912060
  .000000    1.094373   42.076865
0.25000  112.734251   35.064054    0.912060
  .000000    0.820750   31.557649
0.50000  112.734251   35.064054    0.912060
  .000000    0.546954   21.038432
0.75000  112.734251   35.064054    0.912060
  .000000    0.273051   10.519217
1.00000  112.734251   35.064054    0.912060
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5254

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1134.181  -35.403598   -0.920893
  .000000   -1.104776  -42.484317
0.25000  -1134.181  -35.403598   -0.920893
  .000000   -0.828335  -31.863238
0.50000  -1134.181  -35.403598   -0.920893
  .000000   -0.552062  -21.242159
0.75000  -1134.181  -35.403598   -0.920893
  .000000   -0.275597  -10.621079
1.00000  -1134.181  -35.403598   -0.920893
  .000000    .000000    .000000

COMB DL-G3-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  186.577128   45.274545    1.177650
  .000000    1.413531   54.329454
0.25000  186.577128   45.274545    1.177650
  .000000    1.060139   40.747090
0.50000  186.577128   45.274545    1.177650
  .000000    0.706476   27.164727
0.75000  186.577128   45.274545    1.177650
  .000000    0.352818   13.582436
1.00000  186.577128   45.274545    1.177650
  .000000    .000000    .000000

COMB DL-G3-2 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1514.688  -45.360937   -1.179890
  .000000   -1.415452  -54.433124
0.25000  -1514.688  -45.360937   -1.179890
  .000000   -1.061368  -40.824843
0.50000  -1514.688  -45.360937   -1.179890
  .000000   -0.707357  -27.216562
0.75000  -1514.688  -45.360937   -1.179890
  .000000   -0.353178  -13.608279
1.00000  -1514.688  -45.360937   -1.179890
  .000000    .000000    .000000

COMB DL-G3-3 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  222.998855   48.958742    1.273464
  .000000    1.528350   58.750490
0.25000  222.998855   48.958742    1.273464
  .000000    1.146217   44.062868
0.50000  222.998855   48.958742    1.273464
  .000000    0.763560   29.375245
0.75000  222.998855   48.958742    1.273464
  .000000    0.381466   14.687623
1.00000  222.998855   48.958742    1.273464
  .000000    .000000    .000000

COMB DL-G3-3 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1463.428  -49.397008   -1.284842
  .000000   -1.541254  -59.276409
0.25000  -1463.428  -49.397008   -1.284842
  .000000   -1.155556  -44.457307
0.50000  -1463.428  -49.397008   -1.284842
  .000000   -0.769583  -29.638205
0.75000  -1463.428  -49.397008   -1.284842
  .000000   -0.383962  -14.819102
1.00000  -1463.428  -49.397008   -1.284842
  .000000    .000000    .000000

COMB DL-G3-4 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  241.735935   58.121338    1.511797
  .000000    1.814180   69.745606
0.25000  241.735935   58.121338    1.511797
  .000000    1.360673   52.309204
0.50000  241.735935   58.121338    1.511797
  .000000    0.906602   34.872803
0.75000  241.735935   58.121338    1.511797
  .000000    0.452718   17.436401
1.00000  241.735935   58.121338    1.511797
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5255

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G3-4 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1229.562  -58.632369   -1.525076
  .000000   -1.829583  -70.358843
0.25000  -1229.562  -58.632369   -1.525076
  .000000   -1.371764  -52.769132
0.50000  -1229.562  -58.632369   -1.525076
  .000000   -0.913941  -35.179422
0.75000  -1229.562  -58.632369   -1.525076
  .000000   -0.456455  -17.589711
1.00000  -1229.562  -58.632369   -1.525076
  .000000    .000000    .000000

COMB      DB ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  106.946617   45.274491    1.177647
  .000000    1.413179   54.329390
0.25000  106.946617   45.274491    1.177647
  .000000    1.059880   40.747042
0.50000  106.946617   45.274491    1.177647
  .000000    0.706587   27.164695
0.75000  106.946617   45.274491    1.177647
  .000000    0.353280   13.582347
1.00000  106.946617   45.274491    1.177647
  .000000    .000000    .000000

COMB      DB ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000 -747.990417  -45.163312   -1.174755
  .000000   -1.409707  -54.195974
0.25000 -747.990417  -45.163312   -1.174755
  .000000   -1.057275  -40.646980
0.50000 -747.990417  -45.163312   -1.174755
  .000000   -0.704850  -27.097987
0.75000 -747.990417  -45.163312   -1.174755
  .000000   -0.352404  -13.548993
1.00000 -747.990417  -45.163312   -1.174755
  .000000    .000000    .000000

COMB      DL ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  241.735935   58.121338    1.511797
  .000000    1.814180   69.745606
0.25000  241.735935   58.121338    1.511797
  .000000    1.360673   52.309204
0.50000  241.735935   58.121338    1.511797
  .000000    0.906602   34.872803
0.75000  241.735935   58.121338    1.511797
  .000000    0.452718   17.436401
1.00000  241.735935   58.121338    1.511797
  .000000    .000000    .000000

COMB      DL ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1514.688  -58.632369   -1.525076
  .000000   -1.829583  -70.358843
0.25000  -1514.688  -58.632369   -1.525076
  .000000   -1.371764  -52.769132
0.50000  -1514.688  -58.632369   -1.525076
  .000000   -0.913941  -35.179422
0.75000  -1514.688  -58.632369   -1.525076
  .000000   -0.456455  -17.589711
1.00000  -1514.688  -58.632369   -1.525076
  .000000    .000000    .000000

COMB      CAR ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  241.735935   58.121338    1.511797
  .000000    1.814180   69.745606
0.25000  241.735935   58.121338    1.511797
  .000000    1.360673   52.309204
0.50000  241.735935   58.121338    1.511797
  .000000    0.906602   34.872803
0.75000  241.735935   58.121338    1.511797
  .000000    0.452718   17.436401
1.00000  241.735935   58.121338    1.511797
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5256

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB      CAR ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1514.688  -58.632369   -1.525076
  .000000   -1.829583  -70.358843
0.25000  -1514.688  -58.632369   -1.525076
  .000000   -1.371764  -52.769132
0.50000  -1514.688  -58.632369   -1.525076
  .000000   -0.913941  -35.179422
0.75000  -1514.688  -58.632369   -1.525076
  .000000   -0.456455  -17.589711
1.00000  -1514.688  -58.632369   -1.525076
  .000000    .000000    .000000

COMB    DESIGN ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000  241.735935   58.121338    1.511797
  .000000    1.814180   69.745606
0.25000  241.735935   58.121338    1.511797
  .000000    1.360673   52.309204
0.50000  241.735935   58.121338    1.511797
  .000000    0.906602   34.872803
0.75000  241.735935   58.121338    1.511797
  .000000    0.452718   17.436401
1.00000  241.735935   58.121338    1.511797
  .000000    .000000    .000000

COMB    DESIGN ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000  -1514.688  -58.632369   -1.525076
  .000000   -1.829583  -70.358843
0.25000  -1514.688  -58.632369   -1.525076
  .000000   -1.371764  -52.769132
0.50000  -1514.688  -58.632369   -1.525076
  .000000   -0.913941  -35.179422
0.75000  -1514.688  -58.632369   -1.525076
  .000000   -0.456455  -17.589711
1.00000  -1514.688  -58.632369   -1.525076
  .000000    .000000    .000000

ELEM      516 ================== LENGTH
=    1.200000

COMB DB-G1-1 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   34.497312    .000000    .000000
  .000000    .000000    .000000
0.25000   34.497312    .000000    .000000
  .000000    .000000    .000000
0.50000   34.497312    .000000    .000000
  .000000    .000000    .000000
0.75000   34.497312    .000000    .000000
  .000000    .000000    .000000
1.00000   34.497312    .000000    .000000
  .000000    .000000    .000000

COMB DB-G1-1 ------------------ MIN

REL DIST          P          V2          V3
     T          M2          M3
0.00000   -7.494553    .000000    .000000
  .000000    .000000    .000000
0.25000   -7.494553    .000000    .000000
  .000000    .000000    .000000
0.50000   -7.494553    .000000    .000000
  .000000    .000000    .000000
0.75000   -7.494553    .000000    .000000
  .000000    .000000    .000000
1.00000   -7.494553    .000000    .000000
  .000000    .000000    .000000

COMB DB-G1-2 ------------------ MAX

REL DIST          P          V2          V3
     T          M2          M3
0.00000   66.591862    .000000    .000000
  .000000    .000000    .000000
0.25000   66.591862    .000000    .000000
  .000000    .000000    .000000
0.50000   66.591862    .000000    .000000
  .000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                   MOVING                LOAD                >
                                          5257

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S
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REL DIST          P          V2          V3
       T          M2         M3
0.75000    66.591862    .000000    .000000
 .000000     .000000    .000000
1.00000    66.591862    .000000    .000000
 .000000     .000000    .000000

COMB DB-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -26.569284    .000000    .000000
 .000000     .000000    .000000
0.25000   -26.569284    .000000    .000000
 .000000     .000000    .000000
0.50000   -26.569284    .000000    .000000
 .000000     .000000    .000000
0.75000   -26.569284    .000000    .000000
 .000000     .000000    .000000
1.00000   -26.569284    .000000    .000000
 .000000     .000000    .000000

COMB DB-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    76.597460    .000000    .000000
 .000000     .000000    .000000
0.25000    76.597460    .000000    .000000
 .000000     .000000    .000000
0.50000    76.597460    .000000    .000000
 .000000     .000000    .000000
0.75000    76.597460    .000000    .000000
 .000000     .000000    .000000
1.00000    76.597460    .000000    .000000
 .000000     .000000    .000000

COMB DB-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -120.330234    .000000    .000000
 .000000     .000000    .000000
0.25000  -120.330234    .000000    .000000
 .000000     .000000    .000000
0.50000  -120.330234    .000000    .000000
 .000000     .000000    .000000
0.75000  -120.330234    .000000    .000000
 .000000     .000000    .000000
1.00000  -120.330234    .000000    .000000
 .000000     .000000    .000000

COMB DB-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    89.488447    .000000    .000000
 .000000     .000000    .000000
0.25000    89.488447    .000000    .000000
 .000000     .000000    .000000
0.50000    89.488447    .000000    .000000
 .000000     .000000    .000000
0.75000    89.488447    .000000    .000000
 .000000     .000000    .000000
1.00000    89.488447    .000000    .000000
 .000000     .000000    .000000

COMB DB-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -330.288221    .000000    .000000
 .000000     .000000    .000000
0.25000  -330.288221    .000000    .000000
 .000000     .000000    .000000
0.50000  -330.288221    .000000    .000000
 .000000     .000000    .000000
0.75000  -330.288221    .000000    .000000
 .000000     .000000    .000000
1.00000  -330.288221    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    30.495085    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5258

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

REL DIST          P          V2          V3
       T          M2         M3
0.25000    30.495085    .000000    .000000
 .000000     .000000    .000000
0.50000    30.495085    .000000    .000000
 .000000     .000000    .000000
0.75000    30.495085    .000000    .000000
 .000000     .000000    .000000
1.00000    30.495085    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -47.070480    .000000    .000000
 .000000     .000000    .000000
0.25000   -47.070480    .000000    .000000
 .000000     .000000    .000000
0.50000   -47.070480    .000000    .000000
 .000000     .000000    .000000
0.75000   -47.070480    .000000    .000000
 .000000     .000000    .000000
1.00000   -47.070480    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    57.074846    .000000    .000000
 .000000     .000000    .000000
0.25000    57.074846    .000000    .000000
 .000000     .000000    .000000
0.50000    57.074846    .000000    .000000
 .000000     .000000    .000000
0.75000    57.074846    .000000    .000000
 .000000     .000000    .000000
1.00000    57.074846    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -194.555634    .000000    .000000
 .000000     .000000    .000000
0.25000  -194.555634    .000000    .000000
 .000000     .000000    .000000
0.50000  -194.555634    .000000    .000000
 .000000     .000000    .000000
0.75000  -194.555634    .000000    .000000
 .000000     .000000    .000000
1.00000  -194.555634    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    75.121407    .000000    .000000
 .000000     .000000    .000000
0.25000    75.121407    .000000    .000000
 .000000     .000000    .000000
0.50000    75.121407    .000000    .000000
 .000000     .000000    .000000
0.75000    75.121407    .000000    .000000
 .000000     .000000    .000000
1.00000    75.121407    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -180.466400    .000000    .000000
 .000000     .000000    .000000
0.25000  -180.466400    .000000    .000000
 .000000     .000000    .000000
0.50000  -180.466400    .000000    .000000
 .000000     .000000    .000000
0.75000  -180.466400    .000000    .000000
 .000000     .000000    .000000
1.00000  -180.466400    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5259

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    90.072546    .000000    .000000
 .000000     .000000    .000000
0.25000    90.072546    .000000    .000000
 .000000     .000000    .000000
0.50000    90.072546    .000000    .000000
 .000000     .000000    .000000
0.75000    90.072546    .000000    .000000
 .000000     .000000    .000000
1.00000    90.072546    .000000    .000000
 .000000     .000000    .000000

COMB DB-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -474.228375    .000000    .000000
 .000000     .000000    .000000
0.25000  -474.228375    .000000    .000000
 .000000     .000000    .000000
0.50000  -474.228375    .000000    .000000
 .000000     .000000    .000000
0.75000  -474.228375    .000000    .000000
 .000000     .000000    .000000
1.00000  -474.228375    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    43.004816    .000000    .000000
 .000000     .000000    .000000
0.25000    43.004816    .000000    .000000
 .000000     .000000    .000000
0.50000    43.004816    .000000    .000000
 .000000     .000000    .000000
0.75000    43.004816    .000000    .000000
 .000000     .000000    .000000
1.00000    43.004816    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -579.175355    .000000    .000000
 .000000     .000000    .000000
0.25000  -579.175355    .000000    .000000
 .000000     .000000    .000000
0.50000  -579.175355    .000000    .000000
 .000000     .000000    .000000
0.75000  -579.175355    .000000    .000000
 .000000     .000000    .000000
1.00000  -579.175355    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    70.976365    .000000    .000000
 .000000     .000000    .000000
0.25000    70.976365    .000000    .000000
 .000000     .000000    .000000
0.50000    70.976365    .000000    .000000
 .000000     .000000    .000000
0.75000    70.976365    .000000    .000000
 .000000     .000000    .000000
1.00000    70.976365    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -760.121207    .000000    .000000
 .000000     .000000    .000000
0.25000  -760.121207    .000000    .000000
 .000000     .000000    .000000
0.50000  -760.121207    .000000    .000000
 .000000     .000000    .000000
0.75000  -760.121207    .000000    .000000
 .000000     .000000    .000000
1.00000  -760.121207    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5260

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DB-G3-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    83.943826    .000000    .000000
 .000000     .000000    .000000
0.25000    83.943826    .000000    .000000
 .000000     .000000    .000000
0.50000    83.943826    .000000    .000000
 .000000     .000000    .000000
0.75000    83.943826    .000000    .000000
 .000000     .000000    .000000
1.00000    83.943826    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -745.008672    .000000    .000000
 .000000     .000000    .000000
0.25000  -745.008672    .000000    .000000
 .000000     .000000    .000000
0.50000  -745.008672    .000000    .000000
 .000000     .000000    .000000
0.75000  -745.008672    .000000    .000000
 .000000     .000000    .000000
1.00000  -745.008672    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    93.347914    .000000    .000000
 .000000     .000000    .000000
0.25000    93.347914    .000000    .000000
 .000000     .000000    .000000
0.50000    93.347914    .000000    .000000
 .000000     .000000    .000000
0.75000    93.347914    .000000    .000000
 .000000     .000000    .000000
1.00000    93.347914    .000000    .000000
 .000000     .000000    .000000

COMB DB-G3-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -626.933697    .000000    .000000
 .000000     .000000    .000000
0.25000  -626.933697    .000000    .000000
 .000000     .000000    .000000
0.50000  -626.933697    .000000    .000000
 .000000     .000000    .000000
0.75000  -626.933697    .000000    .000000
 .000000     .000000    .000000
1.00000  -626.933697    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    77.906993    .000000    .000000
 .000000     .000000    .000000
0.25000    77.906993    .000000    .000000
 .000000     .000000    .000000
0.50000    77.906993    .000000    .000000
 .000000     .000000    .000000
0.75000    77.906993    .000000    .000000
 .000000     .000000    .000000
1.00000    77.906993    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -10.563107    .000000    .000000
 .000000     .000000    .000000
0.25000   -10.563107    .000000    .000000
 .000000     .000000    .000000
0.50000   -10.563107    .000000    .000000
 .000000     .000000    .000000
0.75000   -10.563107    .000000    .000000
 .000000     .000000    .000000
1.00000   -10.563107    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5261

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G1-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    128.533263    .000000    .000000
 .000000     .000000    .000000
0.25000    128.533263    .000000    .000000
 .000000     .000000    .000000
0.50000    128.533263    .000000    .000000
 .000000     .000000    .000000
0.75000    128.533263    .000000    .000000
 .000000     .000000    .000000
1.00000    128.533263    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -41.392642    .000000    .000000
 .000000     .000000    .000000
0.25000   -41.392642    .000000    .000000
 .000000     .000000    .000000
0.50000   -41.392642    .000000    .000000
 .000000     .000000    .000000
0.75000   -41.392642    .000000    .000000
 .000000     .000000    .000000
1.00000   -41.392642    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    142.813780    .000000    .000000
 .000000     .000000    .000000
0.25000    142.813780    .000000    .000000
 .000000     .000000    .000000
0.50000    142.813780    .000000    .000000
 .000000     .000000    .000000
0.75000    142.813780    .000000    .000000
 .000000     .000000    .000000
1.00000    142.813780    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -247.532195    .000000    .000000
 .000000     .000000    .000000
0.25000  -247.532195    .000000    .000000
 .000000     .000000    .000000
0.50000  -247.532195    .000000    .000000
 .000000     .000000    .000000
0.75000  -247.532195    .000000    .000000
 .000000     .000000    .000000
1.00000  -247.532195    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    153.671613    .000000    .000000
 .000000     .000000    .000000
0.25000    153.671613    .000000    .000000
 .000000     .000000    .000000
0.50000    153.671613    .000000    .000000
 .000000     .000000    .000000
0.75000    153.671613    .000000    .000000
 .000000     .000000    .000000
1.00000    153.671613    .000000    .000000
 .000000     .000000    .000000

COMB DL-G1-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000  -691.364548    .000000    .000000
 .000000     .000000    .000000
0.25000  -691.364548    .000000    .000000
 .000000     .000000    .000000
0.50000  -691.364548    .000000    .000000
 .000000     .000000    .000000
0.75000  -691.364548    .000000    .000000
 .000000     .000000    .000000
1.00000  -691.364548    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5262

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    49.229260    .000000    .000000
 .000000     .000000    .000000
0.25000    49.229260    .000000    .000000
 .000000     .000000    .000000
0.50000    49.229260    .000000    .000000
 .000000     .000000    .000000
0.75000    49.229260    .000000    .000000
 .000000     .000000    .000000
1.00000    49.229260    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -81.288155    .000000    .000000
 .000000     .000000    .000000
0.25000   -81.288155    .000000    .000000
 .000000     .000000    .000000
0.50000   -81.288155    .000000    .000000
 .000000     .000000    .000000
0.75000   -81.288155    .000000    .000000
 .000000     .000000    .000000
1.00000   -81.288155    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    81.200188    .000000    .000000
 .000000     .000000    .000000
0.25000    81.200188    .000000    .000000
 .000000     .000000    .000000
0.50000    81.200188    .000000    .000000
 .000000     .000000    .000000
0.75000    81.200188    .000000    .000000
 .000000     .000000    .000000
1.00000    81.200188    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -409.342945    .000000    .000000
 .000000     .000000    .000000
0.25000   -409.342945    .000000    .000000
 .000000     .000000    .000000
0.50000   -409.342945    .000000    .000000
 .000000     .000000    .000000
0.75000   -409.342945    .000000    .000000
 .000000     .000000    .000000
1.00000   -409.342945    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-3 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    128.916787    .000000    .000000
 .000000     .000000    .000000
0.25000    128.916787    .000000    .000000
 .000000     .000000    .000000
0.50000    128.916787    .000000    .000000
 .000000     .000000    .000000
0.75000    128.916787    .000000    .000000
 .000000     .000000    .000000
1.00000    128.916787    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-3 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -375.392777    .000000    .000000
 .000000     .000000    .000000
0.25000   -375.392777    .000000    .000000
 .000000     .000000    .000000
0.50000   -375.392777    .000000    .000000
 .000000     .000000    .000000
0.75000   -375.392777    .000000    .000000
 .000000     .000000    .000000
1.00000   -375.392777    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5263

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

COMB DL-G2-4 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    145.190986    .000000    .000000
 .000000     .000000    .000000
0.25000    145.190986    .000000    .000000
 .000000     .000000    .000000
0.50000    145.190986    .000000    .000000
 .000000     .000000    .000000
0.75000    145.190986    .000000    .000000
 .000000     .000000    .000000
1.00000    145.190986    .000000    .000000
 .000000     .000000    .000000

COMB DL-G2-4 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -980.382835    .000000    .000000
 .000000     .000000    .000000
0.25000   -980.382835    .000000    .000000
 .000000     .000000    .000000
0.50000   -980.382835    .000000    .000000
 .000000     .000000    .000000
0.75000   -980.382835    .000000    .000000
 .000000     .000000    .000000
1.00000   -980.382835    .000000    .000000
 .000000     .000000    .000000

COMB DL-G3-1 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    58.934751    .000000    .000000
 .000000     .000000    .000000
0.25000    58.934751    .000000    .000000
 .000000     .000000    .000000
0.50000    58.934751    .000000    .000000
 .000000     .000000    .000000
0.75000    58.934751    .000000    .000000
 .000000     .000000    .000000
1.00000    58.934751    .000000    .000000
 .000000     .000000    .000000

COMB DL-G3-1 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1170.951    .000000    .000000
 .000000     .000000    .000000
0.25000   -1170.951    .000000    .000000
 .000000     .000000    .000000
0.50000   -1170.951    .000000    .000000
 .000000     .000000    .000000
0.75000   -1170.951    .000000    .000000
 .000000     .000000    .000000
1.00000   -1170.951    .000000    .000000
 .000000     .000000    .000000

COMB DL-G3-2 ------------------- MAX

REL DIST          P          V2          V3
       T          M2         M3
0.00000    97.689938    .000000    .000000
 .000000     .000000    .000000
0.25000    97.689938    .000000    .000000
 .000000     .000000    .000000
0.50000    97.689938    .000000    .000000
 .000000     .000000    .000000
0.75000    97.689938    .000000    .000000
 .000000     .000000    .000000
1.00000    97.689938    .000000    .000000
 .000000     .000000    .000000

COMB DL-G3-2 ------------------- MIN

REL DIST          P          V2          V3
       T          M2         M3
0.00000   -1571.228    .000000    .000000
 .000000     .000000    .000000
0.25000   -1571.228    .000000    .000000
 .000000     .000000    .000000
0.50000   -1571.228    .000000    .000000
 .000000     .000000    .000000
0.75000   -1571.228    .000000    .000000
 .000000     .000000    .000000
1.00000   -1571.228    .000000    .000000
 .000000     .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1003.OUT

                      Page
<                  MOVING          LOAD                  >
                                    5264
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F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	116.054806 .000000	.000000 .000000	.000000
0.25000 .000000	116.054806 .000000	.000000 .000000	.000000
0.50000 .000000	116.054806 .000000	.000000 .000000	.000000
0.75000 .000000	116.054806 .000000	.000000 .000000	.000000
1.00000 .000000	116.054806 .000000	.000000 .000000	.000000

COMB DL-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-1524.349 .000000	.000000 .000000	.000000
0.25000 .000000	-1524.349 .000000	.000000 .000000	.000000
0.50000 .000000	-1524.349 .000000	.000000 .000000	.000000
0.75000 .000000	-1524.349 .000000	.000000 .000000	.000000
1.00000 .000000	-1524.349 .000000	.000000 .000000	.000000

COMB DL-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	141.795776 .000000	.000000 .000000	.000000
0.25000 .000000	141.795776 .000000	.000000 .000000	.000000
0.50000 .000000	141.795776 .000000	.000000 .000000	.000000
0.75000 .000000	141.795776 .000000	.000000 .000000	.000000
1.00000 .000000	141.795776 .000000	.000000 .000000	.000000

COMB DL-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-1279.058 .000000	.000000 .000000	.000000
0.25000 .000000	-1279.058 .000000	.000000 .000000	.000000
0.50000 .000000	-1279.058 .000000	.000000 .000000	.000000
0.75000 .000000	-1279.058 .000000	.000000 .000000	.000000
1.00000 .000000	-1279.058 .000000	.000000 .000000	.000000

COMB DB ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	93.347914 .000000	.000000 .000000	.000000
0.25000 .000000	93.347914 .000000	.000000 .000000	.000000
0.50000 .000000	93.347914 .000000	.000000 .000000	.000000
0.75000 .000000	93.347914 .000000	.000000 .000000	.000000
1.00000 .000000	93.347914 .000000	.000000 .000000	.000000

COMB DB ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-760.121207 .000000	.000000 .000000	.000000
0.25000 .000000	-760.121207 .000000	.000000 .000000	.000000
0.50000 .000000	-760.121207 .000000	.000000 .000000	.000000
0.75000 .000000	-760.121207 .000000	.000000 .000000	.000000
1.00000 .000000	-760.121207 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DL ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	153.671613 .000000	.000000 .000000	.000000
0.25000 .000000	153.671613 .000000	.000000 .000000	.000000
0.50000 .000000	153.671613 .000000	.000000 .000000	.000000
0.75000 .000000	153.671613 .000000	.000000 .000000	.000000
1.00000 .000000	153.671613 .000000	.000000 .000000	.000000

COMB DL ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.25000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.50000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.75000 .000000	-1571.228 .000000	.000000 .000000	.000000
1.00000 .000000	-1571.228 .000000	.000000 .000000	.000000

COMB CAR ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	153.671613 .000000	.000000 .000000	.000000
0.25000 .000000	153.671613 .000000	.000000 .000000	.000000
0.50000 .000000	153.671613 .000000	.000000 .000000	.000000
0.75000 .000000	153.671613 .000000	.000000 .000000	.000000
1.00000 .000000	153.671613 .000000	.000000 .000000	.000000

COMB CAR ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.25000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.50000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.75000 .000000	-1571.228 .000000	.000000 .000000	.000000
1.00000 .000000	-1571.228 .000000	.000000 .000000	.000000

COMB DESIGN ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	153.671613 .000000	.000000 .000000	.000000
0.25000 .000000	153.671613 .000000	.000000 .000000	.000000
0.50000 .000000	153.671613 .000000	.000000 .000000	.000000
0.75000 .000000	153.671613 .000000	.000000 .000000	.000000
1.00000 .000000	153.671613 .000000	.000000 .000000	.000000

COMB DESIGN ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.25000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.50000 .000000	-1571.228 .000000	.000000 .000000	.000000
0.75000 .000000	-1571.228 .000000	.000000 .000000	.000000
1.00000 .000000	-1571.228 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 517 ========== LENGTH = 1.100000

COMB DB-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	51.227311 .000000	.000000 .000000	.000000
0.25000 .000000	51.227311 .000000	.000000 .000000	.000000
0.50000 .000000	51.227311 .000000	.000000 .000000	.000000
0.75000 .000000	51.227311 .000000	.000000 .000000	.000000
1.00000 .000000	51.227311 .000000	.000000 .000000	.000000

COMB DB-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-5.029714 .000000	.000000 .000000	.000000
0.25000 .000000	-5.029714 .000000	.000000 .000000	.000000
0.50000 .000000	-5.029714 .000000	.000000 .000000	.000000
0.75000 .000000	-5.029714 .000000	.000000 .000000	.000000
1.00000 .000000	-5.029714 .000000	.000000 .000000	.000000

COMB DB-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	83.100092 .000000	.000000 .000000	.000000
0.25000 .000000	83.100092 .000000	.000000 .000000	.000000
0.50000 .000000	83.100092 .000000	.000000 .000000	.000000
0.75000 .000000	83.100092 .000000	.000000 .000000	.000000
1.00000 .000000	83.100092 .000000	.000000 .000000	.000000

COMB DB-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-11.347731 .000000	.000000 .000000	.000000
0.25000 .000000	-11.347731 .000000	.000000 .000000	.000000
0.50000 .000000	-11.347731 .000000	.000000 .000000	.000000
0.75000 .000000	-11.347731 .000000	.000000 .000000	.000000
1.00000 .000000	-11.347731 .000000	.000000 .000000	.000000

COMB DB-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	81.158693 .000000	.000000 .000000	.000000
0.25000 .000000	81.158693 .000000	.000000 .000000	.000000
0.50000 .000000	81.158693 .000000	.000000 .000000	.000000
0.75000 .000000	81.158693 .000000	.000000 .000000	.000000
1.00000 .000000	81.158693 .000000	.000000 .000000	.000000

COMB DB-G1-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-68.855332 .000000	.000000 .000000	.000000
0.25000 .000000	-68.855332 .000000	.000000 .000000	.000000
0.50000 .000000	-68.855332 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.75000 .000000	-68.855332 .000000	.000000 .000000	.000000
1.00000 .000000	-68.855332 .000000	.000000 .000000	.000000

COMB DB-G1-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	83.632850 .000000	.000000 .000000	.000000
0.25000 .000000	83.632850 .000000	.000000 .000000	.000000
0.50000 .000000	83.632850 .000000	.000000 .000000	.000000
0.75000 .000000	83.632850 .000000	.000000 .000000	.000000
1.00000 .000000	83.632850 .000000	.000000 .000000	.000000

COMB DB-G1-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-265.352001 .000000	.000000 .000000	.000000
0.25000 .000000	-265.352001 .000000	.000000 .000000	.000000
0.50000 .000000	-265.352001 .000000	.000000 .000000	.000000
0.75000 .000000	-265.352001 .000000	.000000 .000000	.000000
1.00000 .000000	-265.352001 .000000	.000000 .000000	.000000

COMB DB-G2-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	23.823486 .000000	.000000 .000000	.000000
0.25000 .000000	23.823486 .000000	.000000 .000000	.000000
0.50000 .000000	23.823486 .000000	.000000 .000000	.000000
0.75000 .000000	23.823486 .000000	.000000 .000000	.000000
1.00000 .000000	23.823486 .000000	.000000 .000000	.000000

COMB DB-G2-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-18.799777 .000000	.000000 .000000	.000000
0.25000 .000000	-18.799777 .000000	.000000 .000000	.000000
0.50000 .000000	-18.799777 .000000	.000000 .000000	.000000
0.75000 .000000	-18.799777 .000000	.000000 .000000	.000000
1.00000 .000000	-18.799777 .000000	.000000 .000000	.000000

COMB DB-G2-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	37.898628 .000000	.000000 .000000	.000000
0.25000 .000000	37.898628 .000000	.000000 .000000	.000000
0.50000 .000000	37.898628 .000000	.000000 .000000	.000000
0.75000 .000000	37.898628 .000000	.000000 .000000	.000000
1.00000 .000000	37.898628 .000000	.000000 .000000	.000000

COMB DB-G2-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-128.563685 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.25000 .000000	-128.563685 .000000	.000000 .000000	.000000
0.50000 .000000	-128.563685 .000000	.000000 .000000	.000000
0.75000 .000000	-128.563685 .000000	.000000 .000000	.000000
1.00000 .000000	-128.563685 .000000	.000000 .000000	.000000

COMB DB-G2-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	69.759823 .000000	.000000 .000000	.000000
0.25000 .000000	69.759823 .000000	.000000 .000000	.000000
0.50000 .000000	69.759823 .000000	.000000 .000000	.000000
0.75000 .000000	69.759823 .000000	.000000 .000000	.000000
1.00000 .000000	69.759823 .000000	.000000 .000000	.000000

COMB DB-G2-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-119.670594 .000000	.000000 .000000	.000000
0.25000 .000000	-119.670594 .000000	.000000 .000000	.000000
0.50000 .000000	-119.670594 .000000	.000000 .000000	.000000
0.75000 .000000	-119.670594 .000000	.000000 .000000	.000000
1.00000 .000000	-119.670594 .000000	.000000 .000000	.000000

COMB DB-G2-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	75.598318 .000000	.000000 .000000	.000000
0.25000 .000000	75.598318 .000000	.000000 .000000	.000000
0.50000 .000000	75.598318 .000000	.000000 .000000	.000000
0.75000 .000000	75.598318 .000000	.000000 .000000	.000000
1.00000 .000000	75.598318 .000000	.000000 .000000	.000000

COMB DB-G2-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-397.928395 .000000	.000000 .000000	.000000
0.25000 .000000	-397.928395 .000000	.000000 .000000	.000000
0.50000 .000000	-397.928395 .000000	.000000 .000000	.000000
0.75000 .000000	-397.928395 .000000	.000000 .000000	.000000
1.00000 .000000	-397.928395 .000000	.000000 .000000	.000000

COMB DB-G3-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	27.517466 .000000	.000000 .000000	.000000
0.25000 .000000	27.517466 .000000	.000000 .000000	.000000
0.50000 .000000	27.517466 .000000	.000000 .000000	.000000
0.75000 .000000	27.517466 .000000	.000000 .000000	.000000
1.00000 .000000	27.517466 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-528.964348 .000000	.000000 .000000	.000000
0.25000 .000000	-528.964348 .000000	.000000 .000000	.000000
0.50000 .000000	-528.964348 .000000	.000000 .000000	.000000
0.75000 .000000	-528.964348 .000000	.000000 .000000	.000000
1.00000 .000000	-528.964348 .000000	.000000 .000000	.000000

COMB DB-G3-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	44.713347 .000000	.000000 .000000	.000000
0.25000 .000000	44.713347 .000000	.000000 .000000	.000000
0.50000 .000000	44.713347 .000000	.000000 .000000	.000000
0.75000 .000000	44.713347 .000000	.000000 .000000	.000000
1.00000 .000000	44.713347 .000000	.000000 .000000	.000000

COMB DB-G3-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-680.852876 .000000	.000000 .000000	.000000
0.25000 .000000	-680.852876 .000000	.000000 .000000	.000000
0.50000 .000000	-680.852876 .000000	.000000 .000000	.000000
0.75000 .000000	-680.852876 .000000	.000000 .000000	.000000
1.00000 .000000	-680.852876 .000000	.000000 .000000	.000000

COMB DB-G3-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	50.999350 .000000	.000000 .000000	.000000
0.25000 .000000	50.999350 .000000	.000000 .000000	.000000
0.50000 .000000	50.999350 .000000	.000000 .000000	.000000
0.75000 .000000	50.999350 .000000	.000000 .000000	.000000
1.00000 .000000	50.999350 .000000	.000000 .000000	.000000

COMB DB-G3-3 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-640.008367 .000000	.000000 .000000	.000000
0.25000 .000000	-640.008367 .000000	.000000 .000000	.000000
0.50000 .000000	-640.008367 .000000	.000000 .000000	.000000
0.75000 .000000	-640.008367 .000000	.000000 .000000	.000000
1.00000 .000000	-640.008367 .000000	.000000 .000000	.000000

COMB DB-G3-4 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	71.533133 .000000	.000000 .000000	.000000
0.25000 .000000	71.533133 .000000	.000000 .000000	.000000
0.50000 .000000	71.533133 .000000	.000000 .000000	.000000
0.75000 .000000	71.533133 .000000	.000000 .000000	.000000
1.00000 .000000	71.533133 .000000	.000000 .000000	.000000

F R A M E E L E M E N T I N T E R N A L F O R C E S

COMB DB-G3-4 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-536.443474 .000000	.000000 .000000	.000000
0.25000 .000000	-536.443474 .000000	.000000 .000000	.000000
0.50000 .000000	-536.443474 .000000	.000000 .000000	.000000
0.75000 .000000	-536.443474 .000000	.000000 .000000	.000000
1.00000 .000000	-536.443474 .000000	.000000 .000000	.000000

COMB DL-G1-1 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	70.320783 .000000	.000000 .000000	.000000
0.25000 .000000	70.320783 .000000	.000000 .000000	.000000
0.50000 .000000	70.320783 .000000	.000000 .000000	.000000
0.75000 .000000	70.320783 .000000	.000000 .000000	.000000
1.00000 .000000	70.320783 .000000	.000000 .000000	.000000

COMB DL-G1-1 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-7.941996 .000000	.000000 .000000	.000000
0.25000 .000000	-7.941996 .000000	.000000 .000000	.000000
0.50000 .000000	-7.941996 .000000	.000000 .000000	.000000
0.75000 .000000	-7.941996 .000000	.000000 .000000	.000000
1.00000 .000000	-7.941996 .000000	.000000 .000000	.000000

COMB DL-G1-2 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	110.834819 .000000	.000000 .000000	.000000
0.25000 .000000	110.834819 .000000	.000000 .000000	.000000
0.50000 .000000	110.834819 .000000	.000000 .000000	.000000
0.75000 .000000	110.834819 .000000	.000000 .000000	.000000
1.00000 .000000	110.834819 .000000	.000000 .000000	.000000

COMB DL-G1-2 ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	-16.290107 .000000	.000000 .000000	.000000
0.25000 .000000	-16.290107 .000000	.000000 .000000	.000000
0.50000 .000000	-16.290107 .000000	.000000 .000000	.000000
0.75000 .000000	-16.290107 .000000	.000000 .000000	.000000
1.00000 .000000	-16.290107 .000000	.000000 .000000	.000000

COMB DL-G1-3 ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000 .000000	113.186408 .000000	.000000 .000000	.000000
0.25000 .000000	113.186408 .000000	.000000 .000000	.000000
0.50000 .000000	113.186408 .000000	.000000 .000000	.000000
0.75000 .000000	113.186408 .000000	.000000 .000000	.000000
1.00000 .000000	113.186408 .000000	.000000 .000000	.000000

FRAME ELEMENT INTERNAL FORCES

COMB DL-G1-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-95.347437	.000000	.000000
.000000	.000000	.000000	
0.25000	-95.347437	.000000	.000000
.000000	.000000	.000000	
0.50000	-95.347437	.000000	.000000
.000000	.000000	.000000	
0.75000	-95.347437	.000000	.000000
.000000	.000000	.000000	
1.00000	-95.347437	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.25000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.50000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.75000	115.771714	.000000	.000000
.000000	.000000	.000000	
1.00000	115.771714	.000000	.000000
.000000	.000000	.000000	

COMB DL-G1-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-305.692769	.000000	.000000
.000000	.000000	.000000	
0.25000	-305.692769	.000000	.000000
.000000	.000000	.000000	
0.50000	-305.692769	.000000	.000000
.000000	.000000	.000000	
0.75000	-305.692769	.000000	.000000
.000000	.000000	.000000	
1.00000	-305.692769	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	34.334390	.000000	.000000
.000000	.000000	.000000	
0.25000	34.334390	.000000	.000000
.000000	.000000	.000000	
0.50000	34.334390	.000000	.000000
.000000	.000000	.000000	
0.75000	34.334390	.000000	.000000
.000000	.000000	.000000	
1.00000	34.334390	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-21.737545	.000000	.000000
.000000	.000000	.000000	
0.25000	-21.737545	.000000	.000000
.000000	.000000	.000000	
0.50000	-21.737545	.000000	.000000
.000000	.000000	.000000	
0.75000	-21.737545	.000000	.000000
.000000	.000000	.000000	
1.00000	-21.737545	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	50.578226	.000000	.000000
.000000	.000000	.000000	
0.25000	50.578226	.000000	.000000
.000000	.000000	.000000	
0.50000	50.578226	.000000	.000000
.000000	.000000	.000000	
0.75000	50.578226	.000000	.000000
.000000	.000000	.000000	
1.00000	50.578226	.000000	.000000
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G2-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-158.943937	.000000	.000000
.000000	.000000	.000000	
0.25000	-158.943937	.000000	.000000
.000000	.000000	.000000	
0.50000	-158.943937	.000000	.000000
.000000	.000000	.000000	
0.75000	-158.943937	.000000	.000000
.000000	.000000	.000000	
1.00000	-158.943937	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	97.437345	.000000	.000000
.000000	.000000	.000000	
0.25000	97.437345	.000000	.000000
.000000	.000000	.000000	
0.50000	97.437345	.000000	.000000
.000000	.000000	.000000	
0.75000	97.437345	.000000	.000000
.000000	.000000	.000000	
1.00000	97.437345	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-149.123136	.000000	.000000
.000000	.000000	.000000	
0.25000	-149.123136	.000000	.000000
.000000	.000000	.000000	
0.50000	-149.123136	.000000	.000000
.000000	.000000	.000000	
0.75000	-149.123136	.000000	.000000
.000000	.000000	.000000	
1.00000	-149.123136	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	104.944337	.000000	.000000
.000000	.000000	.000000	
0.25000	104.944337	.000000	.000000
.000000	.000000	.000000	
0.50000	104.944337	.000000	.000000
.000000	.000000	.000000	
0.75000	104.944337	.000000	.000000
.000000	.000000	.000000	
1.00000	104.944337	.000000	.000000
.000000	.000000	.000000	

COMB DL-G2-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-445.359706	.000000	.000000
.000000	.000000	.000000	
0.25000	-445.359706	.000000	.000000
.000000	.000000	.000000	
0.50000	-445.359706	.000000	.000000
.000000	.000000	.000000	
0.75000	-445.359706	.000000	.000000
.000000	.000000	.000000	
1.00000	-445.359706	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-1 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	37.215964	.000000	.000000
.000000	.000000	.000000	
0.25000	37.215964	.000000	.000000
.000000	.000000	.000000	
0.50000	37.215964	.000000	.000000
.000000	.000000	.000000	
0.75000	37.215964	.000000	.000000
.000000	.000000	.000000	
1.00000	37.215964	.000000	.000000
.000000	.000000	.000000	

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FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-1 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-565.953916	.000000	.000000
.000000	.000000	.000000	
0.25000	-565.953916	.000000	.000000
.000000	.000000	.000000	
0.50000	-565.953916	.000000	.000000
.000000	.000000	.000000	
0.75000	-565.953916	.000000	.000000
.000000	.000000	.000000	
1.00000	-565.953916	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	60.730088	.000000	.000000
.000000	.000000	.000000	
0.25000	60.730088	.000000	.000000
.000000	.000000	.000000	
0.50000	60.730088	.000000	.000000
.000000	.000000	.000000	
0.75000	60.730088	.000000	.000000
.000000	.000000	.000000	
1.00000	60.730088	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-2 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.25000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.50000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.75000	-741.989296	.000000	.000000
.000000	.000000	.000000	
1.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	69.357683	.000000	.000000
.000000	.000000	.000000	
0.25000	69.357683	.000000	.000000
.000000	.000000	.000000	
0.50000	69.357683	.000000	.000000
.000000	.000000	.000000	
0.75000	69.357683	.000000	.000000
.000000	.000000	.000000	
1.00000	69.357683	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-3 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-701.832706	.000000	.000000
.000000	.000000	.000000	
0.25000	-701.832706	.000000	.000000
.000000	.000000	.000000	
0.50000	-701.832706	.000000	.000000
.000000	.000000	.000000	
0.75000	-701.832706	.000000	.000000
.000000	.000000	.000000	
1.00000	-701.832706	.000000	.000000
.000000	.000000	.000000	

COMB DL-G3-4 ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	98.102269	.000000	.000000
.000000	.000000	.000000	
0.25000	98.102269	.000000	.000000
.000000	.000000	.000000	
0.50000	98.102269	.000000	.000000
.000000	.000000	.000000	
0.75000	98.102269	.000000	.000000
.000000	.000000	.000000	
1.00000	98.102269	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

FRAME ELEMENT INTERNAL FORCES

COMB DL-G3-4 ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-589.580229	.000000	.000000
.000000	.000000	.000000	
0.25000	-589.580229	.000000	.000000
.000000	.000000	.000000	
0.50000	-589.580229	.000000	.000000
.000000	.000000	.000000	
0.75000	-589.580229	.000000	.000000
.000000	.000000	.000000	
1.00000	-589.580229	.000000	.000000
.000000	.000000	.000000	

COMB DB ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	83.632850	.000000	.000000
.000000	.000000	.000000	
0.25000	83.632850	.000000	.000000
.000000	.000000	.000000	
0.50000	83.632850	.000000	.000000
.000000	.000000	.000000	
0.75000	83.632850	.000000	.000000
.000000	.000000	.000000	
1.00000	83.632850	.000000	.000000
.000000	.000000	.000000	

COMB DB ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-680.852876	.000000	.000000
.000000	.000000	.000000	
0.25000	-680.852876	.000000	.000000
.000000	.000000	.000000	
0.50000	-680.852876	.000000	.000000
.000000	.000000	.000000	
0.75000	-680.852876	.000000	.000000
.000000	.000000	.000000	
1.00000	-680.852876	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.25000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.50000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.75000	115.771714	.000000	.000000
.000000	.000000	.000000	
1.00000	115.771714	.000000	.000000
.000000	.000000	.000000	

COMB DL ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.25000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.50000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.75000	-741.989296	.000000	.000000
.000000	.000000	.000000	
1.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	

COMB CAR ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.25000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.50000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.75000	115.771714	.000000	.000000
.000000	.000000	.000000	
1.00000	115.771714	.000000	.000000
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1003.OUT

FRAME ELEMENT INTERNAL FORCES

COMB CAR ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.25000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.50000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.75000	-741.989296	.000000	.000000
.000000	.000000	.000000	
1.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.25000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.50000	115.771714	.000000	.000000
.000000	.000000	.000000	
0.75000	115.771714	.000000	.000000
.000000	.000000	.000000	
1.00000	115.771714	.000000	.000000
.000000	.000000	.000000	

COMB DESIGN ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.25000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.50000	-741.989296	.000000	.000000
.000000	.000000	.000000	
0.75000	-741.989296	.000000	.000000
.000000	.000000	.000000	
1.00000	-741.989296	.000000	.000000
.000000	.000000	.000000	

DISPLACEMENT DEGREES OF FREEDOM

(A) = Active DOF, equilibrium equation computed
(-) = Restrained DOF, reaction
(+) = Constrained DOF
(>) = External substructure DOF
( ) = Null DOF

JOINTS		U1	U2	U3	R1	R2	R3
1	TO	280	A	A	A	A	A	A
281	TO	283	A	-	-	A	A	A
284			-	-	-	A	A	A
285	TO	289	A	-	-	A	A	A
290			-	-	-	A	A	A
291	TO	292	A	-	-	A	A	A
293	TO	295	A	A	-	A	A	A
296			-	A	-	A	A	A
297	TO	298	A	A	-	A	A	A

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

TOTAL ASSEMBLED JOINT MASSES

IN GLOBAL COORDINATES

	UX	UY	UZ
RX	RY	RZ	
TOTAL	.000000	.000000	.000000
.000000	.000000	.000000	

TOTAL ACCELERATED MASS AND LOCATION

TOTAL MASS ACTIVATED BY ACCELERATION LOADS, IN GLOBAL COORDINATES

	UX	UY	UZ
MASS	.000000	.000000	.000000
X-LOC	.000000	.000000	.000000
Y-LOC	.000000	.000000	.000000
Z-LOC	.000000	.000000	.000000

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P1 ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-1.75E-05	-3.02E-05	-0.010000
3.06E-05	-0.000253	5.59E-07	
2	-1.76E-05	-2.87E-05	-0.009295
3.08E-05	-0.000252	5.16E-07	
3	-1.78E-05	-2.65E-05	-0.008036
3.01E-05	-0.000248	3.59E-07	
4	-1.78E-05	-2.50E-05	-0.006808
2.88E-05	-0.000241	2.76E-07	
5	-1.78E-05	-2.35E-05	-0.005624
2.71E-05	-0.000230	2.96E-07	
6	-1.77E-05	-2.19E-05	-0.004501
2.49E-05	-0.000217	3.62E-07	
7	-1.77E-05	-1.98E-05	-0.003455
2.23E-05	-0.000199	4.29E-07	
8	-1.76E-05	-1.76E-05	-0.002504
1.92E-05	-0.000179	4.59E-07	
9	-1.76E-05	-1.53E-05	-0.001663
1.58E-05	-0.000156	4.22E-07	
10	-1.74E-05	-1.34E-05	-0.000941
1.24E-05	-0.000132	3.18E-07	
11	-1.73E-05	-1.20E-05	-0.000344
8.96E-06	-0.000107	2.42E-07	
12	-1.71E-05	-1.11E-05	-9.94E-09
6.84E-06	-9.04E-05	3.42E-07	
13	-1.70E-05	-9.61E-06	0.000289
5.75E-06	-7.42E-05	4.46E-07	
14	-1.68E-05	-7.50E-06	0.000599
4.25E-06	-4.99E-05	3.71E-07	
15	-1.65E-05	-5.94E-06	0.000791
2.96E-06	-2.71E-05	2.52E-07	
16	-1.61E-05	-4.86E-06	0.000875
1.90E-06	-6.54E-06	1.82E-07	
17	-1.57E-05	-4.00E-06	0.000862
1.00E-06	1.12E-05	1.61E-07	
18	-1.53E-05	-3.13E-06	0.000772
3.16E-07	2.43E-05	1.66E-07	
19	-1.49E-05	-2.30E-06	0.000628
-1.90E-07	3.28E-05	1.75E-07	
20	-1.46E-05	-1.40E-06	0.000454
-5.18E-07	3.64E-05	1.81E-07	
21	-1.42E-05	-4.89E-07	0.000272
-7.00E-07	3.58E-05	1.78E-07	
22	-1.39E-05	3.79E-07	0.000103
-7.70E-07	3.16E-05	1.64E-07	
23	-1.37E-05	9.20E-07	9.20E-09
-7.67E-07	2.72E-05	1.40E-07	
24	-1.35E-05	1.36E-06	-8.65E-05
-7.97E-07	2.23E-05	1.11E-07	
25	-1.32E-05	1.83E-06	-0.000180
-8.47E-07	1.50E-05	7.68E-08	
26	-1.28E-05	2.14E-06	-0.000237
-8.88E-07	8.12E-06	4.45E-08	
27	-1.24E-05	2.28E-06	-0.000262
-9.15E-07	1.99E-06	1.11E-08	
28	-1.21E-05	2.25E-06	-0.000258
-9.15E-07	-3.78E-06	-2.11E-08	
29	-1.17E-05	2.08E-06	-0.000231
-8.88E-07	-7.18E-06	-4.88E-08	
30	-1.13E-05	1.78E-06	-0.000189
-8.25E-07	-9.72E-06	-6.99E-08	
31	-1.09E-05	1.39E-06	-0.000137
-7.23E-07	-1.08E-05	-8.37E-08	
32	-1.06E-05	9.54E-07	-8.24E-05
-5.71E-07	-1.07E-05	-8.75E-08	
33	-1.03E-05	5.21E-07	-3.14E-05
-3.65E-07	-9.58E-06	-8.26E-08	
34	-1.01E-05	2.43E-07	-2.77E-09
-2.02E-07	-8.38E-06	-7.32E-08	
35	-1.01E-05	9.01E-08	2.66E-05
-3.06E-08	-6.83E-06	-6.06E-08	
36	-1.01E-05	-2.46E-07	5.49E-05
1.81E-07	-4.56E-06	-4.15E-08	
37	-1.01E-05	-4.04E-07	7.23E-05
3.31E-07	-2.48E-06	-2.22E-08	
38	-1.01E-05	-4.69E-07	7.99E-05
4.30E-07	-6.25E-07	-4.21E-09	
39	-1.01E-05	-4.51E-07	7.88E-05
4.85E-07	9.65E-07	1.13E-08	
40	-1.00E-05	-3.63E-07	7.07E-05
5.00E-07	2.15E-06	2.34E-08	
41	-1.00E-05	-2.25E-07	5.78E-05
4.80E-07	2.93E-06	3.20E-08	
42	-1.00E-05	-5.27E-08	4.20E-05
4.30E-07	3.29E-06	3.67E-08	
43	-9.99E-06	1.34E-07	2.54E-05
3.57E-07	3.27E-06	3.78E-08	
44	-9.97E-06	3.17E-07	9.70E-06
2.67E-07	2.94E-06	3.57E-08	
45	-9.96E-06	4.36E-07	7.98E-10
2.03E-07	2.58E-06	3.26E-08	
46	-9.95E-06	5.42E-07	-8.33E-06
1.41E-07	2.17E-06	2.87E-08	
47	-9.94E-06	6.69E-07	-1.76E-05
5.28E-08	1.54E-06	2.22E-08	
48	-9.93E-06	7.63E-07	-2.38E-05
-2.55E-08	9.39E-07	1.59E-08	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

JOINT DISPLACEMENTS

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	-9.92E-06	8.26E-07	-2.70E-05
-9.29E-08	3.84E-07	1.00E-08	
50	-9.91E-06	8.63E-07	-2.76E-05
-1.50E-07	-1.14E-07	4.93E-09	
51	-9.91E-06	8.76E-07	-2.59E-05
-1.94E-07	-5.30E-07	4.79E-10	
52	-9.91E-06	8.67E-07	-2.22E-05
-2.28E-07	-8.65E-07	-4.17E-09	
53	-9.91E-06	8.30E-07	-1.72E-05
-2.52E-07	-1.12E-06	-1.09E-08	
54	-9.92E-06	7.51E-07	-1.10E-05
-2.70E-07	-1.31E-06	-2.19E-08	
55	-9.93E-06	6.37E-07	-4.03E-06
-2.87E-07	-1.42E-06	-3.59E-08	
56	-9.94E-06	5.02E-07	-1.55E-10
-3.05E-07	-1.43E-06	-3.99E-08	
57	-6.71E-06	-2.37E-05	-0.010000
3.44E-05	-0.000254	-2.25E-07	
58	-6.66E-06	-2.43E-05	-0.009297
3.36E-05	-0.000253	-1.44E-07	
59	-6.67E-06	-2.43E-05	-0.008040
3.19E-05	-0.000249	8.67E-08	
60	-6.80E-06	-2.35E-05	-0.006815
3.00E-05	-0.000241	2.40E-07	
61	-6.98E-06	-2.20E-05	-0.005634
2.79E-05	-0.000231	3.25E-07	
62	-7.20E-06	-2.03E-05	-0.004512
2.54E-05	-0.000218	3.79E-07	
63	-7.42E-06	-1.83E-05	-0.003467
2.25E-05	-0.000201	4.19E-07	
64	-7.66E-06	-1.61E-05	-0.002515
1.92E-05	-0.000180	4.56E-07	
65	-7.90E-06	-1.37E-05	-0.001671
1.58E-05	-0.000158	4.37E-07	
66	-8.14E-06	-1.11E-05	-0.000945
1.24E-05	-0.000133	5.40E-07	
67	-8.38E-06	-8.48E-06	-0.000345
9.45E-06	-0.000108	5.08E-07	
68	-8.51E-06	-6.96E-06	-1.23E-08
7.98E-06	-9.09E-05	3.28E-07	
69	-8.59E-06	-6.19E-06	0.000288
6.12E-06	-7.44E-05	1.52E-07	
70	-8.67E-06	-5.56E-06	0.000597
4.10E-06	-4.97E-05	1.25E-07	
71	-8.75E-06	-4.86E-06	0.000786
2.67E-06	-2.68E-05	1.56E-07	
72	-8.84E-06	-4.04E-06	0.000867
1.62E-06	-6.25E-06	1.71E-07	
73	-8.93E-06	-3.19E-06	0.000853
7.92E-07	1.13E-05	1.71E-07	
74	-9.01E-06	-2.37E-06	0.000764
1.92E-07	2.43E-05	1.65E-07	
75	-9.09E-06	-1.58E-06	0.000621
-2.34E-07	3.26E-05	1.58E-07	
76	-9.15E-06	-8.24E-07	0.000448
-5.01E-07	3.62E-05	1.48E-07	
77	-9.21E-06	-1.31E-07	0.000269

-6.43E-07 3.56E-05 1.34E-07
78 -9.26E-06 4.88E-07 0.000101
-7.06E-07 3.13E-05 1.19E-07
79 -9.29E-06 8.85E-07 9.77E-09
-7.37E-07 2.70E-05 1.13E-07
80 -9.32E-06 1.26E-06 -8.52E-05
-7.34E-07 2.20E-05 1.02E-07
81 -9.35E-06 1.68E-06 -0.000176
-7.69E-07 1.47E-05 7.01E-08
82 -9.39E-06 1.94E-06 -0.000232
-8.20E-07 7.96E-06 3.54E-08
83 -9.42E-06 2.03E-06 -0.000257
-8.67E-07 1.89E-06 3.24E-09
84 -9.45E-06 1.98E-06 -0.000253
-8.94E-07 -3.30E-06 -2.46E-08
85 -9.48E-06 1.80E-06 -0.000226
-8.93E-07 -7.14E-06 -4.69E-08
86 -9.51E-06 1.52E-06 -0.000184
-8.57E-07 -9.64E-06 -6.30E-08
87 -9.54E-06 1.19E-06 -0.000133
-7.73E-07 -1.07E-05 -7.18E-08
88 -9.57E-06 8.26E-07 -7.98E-05
-6.28E-07 -1.05E-05 -7.32E-08
89 -9.61E-06 4.76E-07 -3.02E-05
-4.04E-07 -9.31E-06 -6.73E-08
90 -9.63E-06 2.56E-07 -2.87E-09
-2.14E-07 -8.02E-06 -5.91E-08
91 -9.63E-06 6.93E-08 2.54E-05
-1.96E-08 -6.59E-06 -4.88E-08
92 -9.64E-06 -1.34E-07 5.27E-05
2.13E-07 -4.44E-06 -3.34E-08
93 -9.65E-06 -2.62E-07 6.96E-05
3.66E-07 -2.44E-06 -1.84E-08
94 -9.65E-06 -3.19E-07 7.71E-05
4.59E-07 -6.39E-07 -4.40E-09
95 -9.65E-06 -3.09E-07 7.61E-05
5.05E-07 9.13E-07 7.99E-09
96 -9.65E-06 -2.44E-07 6.84E-05
5.11E-07 2.07E-06 1.81E-08
97 -9.64E-06 -1.35E-07 5.59E-05
4.84E-07 2.84E-06 2.56E-08
98 -9.64E-06 3.44E-09 4.07E-05
4.30E-07 3.20E-06 3.02E-08
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
5

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-9.63E-06	1.58E-07	2.46E-05
3.54E-07	3.19E-06	3.20E-08	
100	-9.62E-06	3.17E-07	9.42E-06
2.64E-07	2.87E-06	3.09E-08	
101	-9.61E-06	4.16E-07	7.92E-10
2.01E-07	2.52E-06	2.80E-08	
102	-9.60E-06	5.06E-07	-8.09E-06
1.37E-07	2.12E-06	2.42E-08	
103	-9.60E-06	6.11E-07	-1.71E-05
5.03E-08	1.51E-06	1.89E-08	
104	-9.59E-06	6.93E-07	-2.31E-05
-2.39E-08	9.19E-07	1.38E-08	
105	-9.58E-06	7.49E-07	-2.62E-05
-8.51E-08	3.75E-07	8.75E-09	
106	-9.58E-06	7.80E-07	-2.68E-05
-1.34E-07	-1.15E-07	3.88E-09	
107	-9.58E-06	7.87E-07	-2.51E-05
-1.68E-07	-5.24E-07	-6.41E-10	
108	-9.59E-06	7.75E-07	-2.16E-05
-1.86E-07	-8.54E-07	-4.38E-09	
109	-9.59E-06	7.48E-07	-1.66E-05
-1.88E-07	-1.10E-06	-6.06E-09	
110	-9.59E-06	7.22E-07	-1.06E-05
-1.73E-07	-1.29E-06	-3.44E-09	
111	-9.60E-06	7.22E-07	-3.88E-06
-1.35E-07	-1.39E-06	3.76E-09	
112	-9.59E-06	7.37E-07	-9.22E-11
-1.01E-07	-1.41E-06	6.23E-09	
113	8.88E-07	-2.28E-05	-0.010000
3.19E-05	-0.000255	1.61E-08	
114	8.83E-07	-2.29E-05	-0.009299
3.17E-05	-0.000254	-2.45E-08	
115	7.84E-07	-2.27E-05	-0.008046
3.09E-05	-0.000250	9.59E-08	
116	5.78E-07	-2.19E-05	-0.006824
2.96E-05	-0.000242	2.23E-07	
117	2.90E-07	-2.06E-05	-0.005645
2.78E-05	-0.000232	3.21E-07	
118	-8.65E-08	-1.89E-05	-0.004524
2.56E-05	-0.000219	3.85E-07	
119	-5.02E-07	-1.69E-05	-0.003479
2.29E-05	-0.000202	4.27E-07	
120	-9.53E-07	-1.47E-05	-0.002526
1.98E-05	-0.000182	4.57E-07	
121	-1.42E-06	-1.24E-05	-0.001679
1.65E-05	-0.000159	4.74E-07	
122	-1.89E-06	-1.01E-05	-0.000949
1.30E-05	-0.000135	4.60E-07	
123	-2.32E-06	-8.01E-06	-0.000347
9.69E-06	-0.000109	3.98E-07	
124	-2.60E-06	-6.79E-06	-1.77E-08
7.78E-06	-9.16E-05	3.21E-07	
125	-2.86E-06	-5.82E-06	0.000288
6.31E-06	-7.44E-05	2.52E-07	
126	-3.23E-06	-4.78E-06	0.000594
4.56E-06	-4.94E-05	1.88E-07	
127	-3.60E-06	-3.94E-06	0.000779
3.19E-06	-2.64E-05	1.66E-07	
128	-3.99E-06	-3.15E-06	0.000859
2.06E-06	-5.95E-06	1.63E-07	
129	-4.39E-06	-2.38E-06	0.000844
1.13E-06	1.14E-05	1.60E-07	
130	-4.78E-06	-1.63E-06	0.000755
4.10E-07	1.43E-05	1.57E-07	
131	-5.16E-06	-9.42E-07	0.000613
-1.18E-07	3.25E-05	1.37E-07	
132	-5.52E-06	-3.23E-07	0.000442
-4.67E-07	3.60E-05	1.21E-07	
133	-5.83E-06	2.23E-07	0.000265
-6.73E-07	3.53E-05	1.06E-07	
134	-6.13E-06	7.02E-07	0.000100
-7.69E-07	3.11E-05	9.35E-08	
135	-6.31E-06	1.00E-06	9.99E-09
-7.90E-07	2.67E-05	8.42E-08	
136	-6.49E-06	1.27E-06	-8.38E-05
-8.07E-07	2.18E-05	7.17E-08	
137	-6.76E-06	1.51E-06	-0.000173
-8.48E-07	1.45E-05	4.84E-08	
138	-7.04E-06	1.73E-06	-0.000228
-8.82E-07	7.80E-06	2.22E-08	
139	-7.33E-06	1.77E-06	-0.000252
-8.99E-07	1.80E-06	-3.47E-09	
140	-7.63E-06	1.69E-06	-0.000247
-8.95E-07	-3.32E-06	-2.60E-08	
141	-7.93E-06	1.52E-06	-0.000221
-8.64E-07	-7.10E-06	-4.35E-08	
142	-8.24E-06	1.28E-06	-0.000179
-7.98E-07	-9.54E-06	-5.49E-08	
143	-8.53E-06	9.94E-07	-0.000129
-6.91E-07	-1.06E-05	-5.98E-08	
144	-8.81E-06	7.05E-07	-7.72E-05
-5.37E-07	-1.03E-05	-5.85E-08	
145	-9.08E-06	4.36E-07	-2.90E-05
-3.37E-07	-9.05E-06	-5.22E-08	
146	-9.25E-06	2.72E-07	-2.86E-09
-1.82E-07	-7.71E-06	-4.55E-08	
147	-9.35E-06	1.28E-07	2.43E-05
-3.34E-08	-6.35E-06	-3.76E-08	
148	-9.26E-06	-2.70E-08	5.06E-05
1.59E-07	-4.31E-06	-2.57E-08	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
6

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-9.27E-06	-1.26E-07	6.69E-05
3.03E-07	-2.39E-06	-1.47E-08	
150	-9.28E-06	-1.72E-07	7.43E-05
4.01E-07	-6.45E-07	-4.42E-09	
151	-9.28E-06	-1.70E-07	7.35E-05
4.58E-07	8.68E-07	8.88E-09	
152	-9.28E-06	-1.26E-07	6.61E-05
4.75E-07	2.00E-06	1.29E-08	
153	-9.28E-06	-4.65E-08	5.41E-05
4.59E-07	2.76E-06	1.92E-08	
154	-9.28E-06	5.88E-08	3.94E-05
4.12E-07	3.07E-06	2.50E-08	
155	-9.27E-06	1.79E-07	2.39E-05
3.42E-07	3.10E-06	2.52E-08	
156	-9.26E-06	3.02E-07	9.13E-06
2.57E-07	2.80E-06	2.47E-08	
157	-9.26E-06	3.85E-07	7.45E-10
1.96E-07	2.46E-06	2.32E-08	
158	-9.25E-06	4.61E-07	-7.86E-06
1.36E-07	2.07E-06	2.08E-08	
159	-9.25E-06	5.53E-07	-1.66E-05
5.28E-08	1.48E-06	1.66E-08	
160	-9.24E-06	6.23E-07	-2.25E-05
-2.08E-08	9.01E-07	1.21E-08	
161	-9.24E-06	6.71E-07	-2.55E-05
-8.31E-08	3.67E-07	7.55E-09	
162	-9.23E-06	6.97E-07	-2.61E-05
-1.35E-07	-1.12E-07	3.33E-09	
163	-9.23E-06	7.05E-07	-2.44E-05
-1.74E-07	-5.12E-07	-1.46E-10	
164	-9.23E-06	6.98E-07	-2.10E-05
-2.02E-07	-9.33E-07	6.96E-09	
165	-9.23E-06	6.66E-07	-1.62E-05
-2.20E-07	-1.07E-06	-2.42E-09	
166	-9.24E-06	6.77E-07	-1.03E-05
-2.33E-07	-1.25E-06	-9.73E-10	
167	-9.24E-06	6.76E-07	-3.78E-06
-2.42E-07	-1.35E-06	5.23E-10	
168	-9.24E-06	6.78E-07	-1.38E-10
-2.44E-07	-1.37E-06	-1.79E-10	
169	-1.17E-05	-2.70E-05	-0.009996
3.37E-05	-0.000253	-2.51E-05	
170	-1.17E-05	-2.67E-05	-0.009293
3.26E-05	-0.000252	-2.03E-05	
171	-1.19E-05	-2.55E-05	-0.008036
3.11E-05	-0.000248	-2.36E-05	
172	-1.21E-05	-2.43E-05	-0.006810
2.94E-05	-0.000241	-2.26E-05	
173	-1.22E-05	-2.28E-05	-0.005628
2.74E-05	-0.000231	-2.17E-05	
174	-1.23E-05	-2.11E-05	-0.004506
2.50E-05	-0.000217	-2.03E-05	
175	-1.25E-05	-1.91E-05	-0.003461
2.22E-05	-0.000200	-1.86E-05	
176	-1.26E-05	-1.68E-05	-0.002510
1.89E-05	-0.000180	-1.65E-05	
177	-1.27E-05	-1.45E-05	-0.001667
1.54E-05	-0.000157	-1.42E-05	
178	-1.28E-05	-1.23E-05	-0.000943
1.16E-05	-0.000133	-1.17E-05	
179	-1.28E-05	-1.03E-05	-0.000345
8.53E-06	-0.000107	-8.35E-06	
180	-1.28E-05	-9.09E-06	1.20E-06
6.63E-06	-9.07E-05	-6.22E-06	
181	-1.27E-05	-7.94E-06	0.000289
5.10E-06	-7.41E-05	-4.09E-06	
182	-1.26E-05	-6.52E-06	0.000598
3.46E-06	-4.98E-05	-3.06E-06	
183	-1.25E-05	-5.38E-06	0.000788
2.36E-06	-2.70E-05	-6.95E-07	
184	-1.24E-05	-4.43E-06	0.000871
1.50E-06	-6.44E-06	1.37E-06	
185	-1.23E-05	-3.58E-06	0.000858
7.65E-07	1.12E-05	3.11E-06	
186	-1.22E-05	-2.76E-06	0.000768
1.97E-07	2.42E-05	4.36E-06	
187	-1.20E-05	-1.94E-06	0.000624
-2.17E-07	3.27E-05	5.11E-06	
188	-1.19E-05	-1.11E-06	0.000451
-4.77E-07	3.48E-05	5.46E-06	
189	-1.17E-05	-3.15E-07	0.000270
-5.84E-07	3.56E-05	5.19E-06	
190	-1.16E-05	4.23E-07	0.000102
-6.07E-07	3.15E-05	4.32E-06	
191	-1.15E-05	9.02E-07	3.66E-08
-6.24E-07	2.71E-05	3.55E-06	
192	-1.14E-05	1.31E-06	-8.58E-05
-6.60E-07	2.22E-05	3.29E-06	
193	-1.13E-05	1.75E-06	-0.000178
-7.21E-07	1.48E-05	2.66E-06	
194	-1.11E-05	2.04E-06	-0.000234
-8.04E-07	8.04E-06	1.84E-06	
195	-1.10E-05	2.15E-06	-0.000259
-8.67E-07	1.55E-06	1.10E-06	
196	-1.08E-05	2.12E-06	-0.000255
-8.99E-07	-3.28E-06	4.37E-07	
197	-1.06E-05	1.94E-06	-0.000229
-9.00E-07	-7.16E-06	-7.76E-08	
198	-1.05E-05	1.65E-06	-0.000186
-8.71E-07	-1.07E-06	-4.54E-07	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
7

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-1.04E-05	1.29E-06	-0.000135
-8.07E-07	-1.08E-05	-6.80E-07	
200	-1.03E-05	8.97E-07	-8.12E-05
-6.98E-07	-1.06E-05	-7.74E-07	
201	-1.02E-05	5.07E-07	-3.08E-05
-4.92E-07	-9.45E-06	-7.07E-07	
202	-1.01E-05	2.57E-07	-2.55E-08
-2.19E-07	-8.19E-06	-6.14E-07	
203	-1.01E-05	4.37E-08	2.60E-05
5.13E-08	-6.72E-06	-5.13E-07	
204	-1.00E-05	-1.87E-07	5.39E-05
2.72E-07	-4.51E-06	-3.24E-07	
205	-9.97E-06	-3.31E-07	7.10E-05
3.98E-07	-2.46E-06	-1.20E-07	
206	-9.94E-06	-3.92E-07	7.85E-05
4.73E-07	-6.33E-07	5.94E-08	
207	-9.92E-06	-3.78E-07	7.75E-05
5.10E-07	9.40E-07	2.14E-07	
208	-9.90E-06	-3.02E-07	6.96E-05
5.12E-07	2.27E-06	2.77E-07	
209	-9.87E-06	-1.78E-07	5.69E-05
4.84E-07	2.89E-06	4.01E-07	
210	-9.85E-06	-2.31E-08	4.13E-05
4.30E-07	3.25E-06	4.32E-07	
211	-9.83E-06	1.47E-07	2.50E-05
3.54E-07	3.23E-06	4.28E-07	
212	-9.81E-06	3.51E-07	9.56E-06
2.65E-07	2.91E-06	3.67E-07	
213	-9.80E-06	4.27E-07	4.77E-09
1.95E-07	2.55E-06	3.10E-07	
214	-9.79E-06	5.26E-07	-8.21E-06
1.30E-07	2.15E-06	2.94E-07	
215	-9.78E-06	6.41E-07	-1.74E-05
4.58E-08	1.53E-06	2.52E-07	
216	-9.77E-06	7.29E-07	-2.34E-05
-2.82E-08	9.28E-07	1.88E-07	
217	-9.76E-06	7.88E-07	-2.66E-05
-9.16E-08	3.78E-07	1.33E-07	
218	-9.76E-06	8.21E-07	-2.72E-05
-1.44E-07	1.16E-07	8.27E-08	
219	-9.76E-06	8.31E-07	-2.55E-05
-1.83E-07	-5.30E-07	4.10E-08	
220	-9.76E-06	8.19E-07	-2.19E-05
-2.09E-07	-8.63E-07	7.73E-09	
221	-9.76E-06	7.87E-07	-1.68E-05
-2.22E-07	-1.12E-06	-1.68E-08	
222	-9.77E-06	7.33E-07	-1.07E-05
-2.19E-07	-1.31E-06	-3.47E-08	
223	-9.79E-06	6.58E-07	-3.80E-06
-1.90E-07	-1.43E-06	-4.09E-08	
224	-9.79E-06	6.09E-07	2.12E-07
-1.51E-07	-1.45E-06	-4.86E-08	
225	-3.29E-06	-2.30E-05	-0.010003
3.30E-05	-0.000254	-2.61E-05	
226	-3.22E-06	-2.36E-05	-0.009300
3.27E-05	-0.000254	-2.11E-05	
227	-3.25E-06	-2.35E-05	-0.008045
3.15E-05 -0.000249 -2.46E-05
228 -3.38E-06 -2.27E-05 -0.006820
2.98E-05 -0.000242 -2.37E-05
229 -3.60E-06 -2.13E-05 -0.005639
2.78E-05 -0.000232 -2.27E-05
230 -3.87E-06 -1.96E-05 -0.004518
2.54E-05 -0.000218 -2.14E-05
231 -4.16E-06 -1.76E-05 -0.003473
2.25E-05 -0.000201 -1.97E-05
232 -4.48E-06 -1.54E-05 -0.002520
1.93E-05 -0.000181 -1.76E-05
233 -4.81E-06 -1.31E-05 -0.001674
1.57E-05 0.000159 -1.53E-05
234 -5.14E-06 -1.07E-05 -0.000947
1.19E-05 -0.000134 -1.28E-05
235 -5.47E-06 -8.25E-06 -0.000346
8.21E-06 -0.000108 -9.30E-06
236 -5.68E-06 -6.88E-06 -2.64E-07
5.93E-06 -6.46E-05 -4.01E-06
237 -5.84E-06 -6.04E-06 0.000288
4.79E-06 -7.46E-05 -5.93E-06
238 -6.05E-06 -5.21E-06 0.000596
3.48E-06 -4.96E-05 -3.75E-06
239 -6.25E-06 -4.44E-06 0.000783
2.45E-06 -2.66E-05 -1.38E-06
240 -6.46E-06 -3.63E-06 0.000864
1.59E-06 -6.10E-06 6.87E-07
241 -6.68E-06 -2.81E-06 0.000849
8.31E-07 1.14E-05 2.45E-06
242 -6.89E-06 -2.02E-06 0.000759
2.45E-07 2.43E-05 3.73E-06
243 -7.09E-06 -1.27E-06 0.000617
-1.82E-07 3.62E-05 4.52E-06
244 -7.28E-06 -5.74E-07 0.000445
-4.48E-07 3.62E-05 4.82E-06
245 -7.47E-06 5.02E-08 0.000267
-5.70E-07 3.54E-05 4.69E-06
246 -7.64E-06 5.98E-07 0.000101
-5.92E-07 3.12E-05 3.89E-06
247 -7.76E-06 9.49E-07 -3.92E-08
-5.94E-07 2.69E-05 3.16E-06
248 -7.88E-06 1.28E-06 -8.46E-05
-6.55E-07 2.19E-05 2.90E-06
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
8

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-8.04E-06	1.63E-06	-0.000175
-7.29E-07	1.46E-05	2.28E-06	
250	-8.19E-06	1.84E-06	-0.000230
-7.99E-07	7.87E-06	1.50E-06	
251	-8.34E-06	1.91E-06	-0.000254
-8.57E-07	1.84E-06	8.10E-07	
252	-8.49E-06	1.84E-06	-0.000250
-8.87E-07	-3.32E-06	2.00E-07	
253	-8.63E-06	1.66E-06	-0.000224
-8.87E-07	-7.13E-06	-2.68E-07	
254	-8.77E-06	1.40E-06	-0.000182
-8.56E-07	-9.59E-06	-5.99E-07	
255	-8.90E-06	1.08E-06	-0.000131
-7.83E-07	-1.07E-05	-7.82E-07	
256	-9.02E-06	7.57E-07	-7.84E-05
-6.60E-07	-1.04E-05	-8.35E-07	
257	-9.13E-06	4.48E-07	-2.95E-05
-4.54E-07	-9.17E-06	-7.22E-07	
258	-9.20E-06	2.56E-07	1.74E-08
-2.16E-07	-7.87E-06	-5.97E-07	
259	-9.25E-06	9.34E-08	2.48E-05
2.43E-08	-6.45E-06	-5.07E-07	
260	-9.30E-06	-8.24E-08	5.16E-05
2.42E-07	-4.38E-06	-3.29E-07	
261	-9.35E-06	-1.95E-07	6.82E-05
3.74E-07	-2.42E-06	-1.29E-07	
262	-9.38E-06	-2.46E-07	7.56E-05
4.55E-07	-6.46E-07	4.78E-08	
263	-9.40E-06	-2.40E-07	7.47E-05
4.96E-07	8.86E-07	1.26E-07	
264	-9.42E-06	-1.86E-07	6.72E-05
5.00E-07	2.04E-06	3.15E-07	
265	-9.42E-06	-9.18E-08	5.50E-05
4.74E-07	2.80E-06	3.89E-07	
266	-9.43E-06	3.01E-08	4.00E-05
4.21E-07	3.15E-06	4.27E-07	
267	-9.45E-06	1.67E-07	2.42E-05
3.46E-07	3.14E-06	4.20E-07	
268	-9.42E-06	3.07E-07	9.27E-06
2.58E-07	2.84E-06	3.61E-07	
269	-9.42E-06	4.00E-07	2.06E-10
1.90E-07	2.49E-06	3.05E-07	
270	-9.42E-06	4.83E-07	-7.97E-06
1.26E-07	2.10E-06	2.91E-07	
271	-9.41E-06	5.82E-07	-1.69E-05
4.43E-08	1.49E-06	2.50E-07	
272	-9.41E-06	6.57E-07	-2.28E-05
-2.59E-08	9.10E-07	1.90E-07	
273	-9.40E-06	7.09E-07	-2.59E-05
-8.62E-08	3.72E-07	1.37E-07	
274	-9.40E-06	7.38E-07	-2.64E-05
-1.36E-07	-1.12E-07	8.89E-08	
275	-9.40E-06	7.46E-07	-2.48E-05
-1.71E-07	-5.16E-07	4.95E-08	
276	-9.41E-06	7.37E-07	-2.13E-05
-1.93E-07	-8.40E-07	1.79E-08	
277	-9.41E-06	7.19E-07	-1.64E-05
-2.01E-07	-1.08E-06	-6.60E-09	
278	-9.41E-06	7.03E-07	-1.05E-05
-1.99E-07	-1.26E-06	-2.71E-08	
279	-9.41E-06	7.06E-07	-3.95E-06
-1.93E-07	-1.36E-06	-3.43E-08	
280	-9.41E-06	7.16E-07	-1.57E-07
-1.93E-07	-1.40E-06	-4.57E-08	
281	0.000261	3.43E-22	-0.010000
2.73E-05	-0.000253	5.59E-07	
282	9.14E-05	1.53E-22	.000000
9.67E-06	-9.01E-05	3.42E-07	
283	-4.63E-05	.000000	.000000
-7.67E-07	2.72E-05	1.40E-07	
284	.000000	.000000	.000000
1.59E-08	-8.38E-06	-7.32E-08	
285	-1.31E-05	-6.20E-23	.000000
6.88E-08	2.59E-06	3.26E-08	
286	-8.37E-06	1.37E-24	.000000
-2.76E-07	-1.44E-06	-3.99E-08	
287	0.000273	-3.47E-22	-0.010000
2.12E-05	-0.000255	-2.25E-07	
288	0.000101	-2.63E-23	.000000
5.62E-06	-9.11E-05	3.28E-07	
289	-4.17E-05	.000000	.000000
-7.37E-07	2.70E-05	1.13E-07	
290	.000000	.000000	.000000
-5.00E-09	-8.01E-07	-5.53E-08	
291	-1.27E-05	-2.74E-23	.000000
6.97E-08	2.53E-06	2.80E-08	
292	-8.06E-06	-5.71E-23	.000000
8.76E-09	-1.42E-06	6.23E-09	
293	0.000281	-1.31E-05	-0.010000
8.80E-06	-0.000256	-5.83E-08	
294	0.000107	-6.43E-06	.000000
1.02E-07	-9.19E-05	3.21E-07	
295	-3.81E-05	4.46E-06	.000000
2.28E-06	2.66E-05	8.42E-08	
296	5.50E-26	5.28E-08	.000000
1.82E-08	-7.71E-06	-4.55E-08	
297	-1.21E-05	-1.42E-06	.000000
-2.17E-07	2.46E-06	2.32E-08	
298	-7.71E-06	-6.40E-07	.000000
-5.69E-08	-1.39E-06	7.79E-10	
Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
9

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P2 --------------------

JOINT	U1	U2	U3
R1	R2	R3	
1	5.49E-05	4.05E-05	-1.19E-08
-4.05E-05	0.000329	-9.56E-07	
2	5.51E-05	3.79E-05	-0.000916
-4.10E-05	0.000327	-9.00E-07	
3	5.54E-05	3.39E-05	-0.002540
-4.03E-05	0.000317	-7.00E-07	
4	5.56E-05	3.07E-05	-0.004093
-3.85E-05	0.000300	-6.12E-07	
5	5.57E-05	2.75E-05	-0.005544
-3.58E-05	0.000276	-4.66E-07	
6	5.58E-05	2.39E-05	-0.006857
-3.20E-05	0.000245	-7.80E-07	
7	5.59E-05	1.96E-05	-0.007992
-2.73E-05	0.000206	-9.12E-07	
8	5.60E-05	1.48E-05	-0.008911
-2.16E-05	0.000159	-1.02E-06	
9	5.61E-05	9.48E-06	-0.009580
-1.54E-05	0.000107	-1.08E-06	
10	5.62E-05	4.10E-06	-0.009979
-9.02E-06	5.07E-05	-1.06E-06	
11	5.63E-05	-8.40E-07	-0.010089
-3.13E-06	-6.77E-06	-8.90E-07	
12	5.62E-05	-3.56E-06	-0.010000
1.18E-07	-4.38E-05	-4.35E-07	
13	5.62E-05	-5.28E-06	-0.009784
3.11E-06	-8.01E-05	-3.69E-07	
14	5.59E-05	-6.54E-06	-0.009253
6.56E-06	-0.000132	-1.56E-07	
15	5.56E-05	-7.03E-06	-0.008475
8.97E-06	-0.000178	-4.97E-08	
16	5.53E-05	-7.11E-06	-0.007493
1.04E-05	-0.000214	9.65E-09	
17	5.50E-05	-6.97E-06	-0.006354
1.11E-05	-0.000240	4.79E-08	
18	5.48E-05	-6.65E-06	-0.005120
1.10E-05	-0.000252	7.32E-08	
19	5.45E-05	-6.24E-06	-0.003862
1.03E-05	-0.000250	8.23E-08	
20	5.44E-05	-5.85E-06	-0.002647
9.02E-06	-0.000235	6.44E-08	
21	5.42E-05	-5.62E-06	-0.001532
7.47E-06	-0.000210	1.30E-08	
22	5.41E-05	-5.70E-06	-0.000568
5.86E-06	-0.000176	-4.50E-08	
23	5.41E-05	-5.89E-06	-3.02E-08
4.91E-06	-0.000150	-5.00E-08	
24	5.41E-05	-6.02E-06	0.000477
4.41E-06	-0.000123	-3.70E-08	
25	5.41E-05	-6.24E-06	0.000990
3.98E-06	-8.26E-05	-5.18E-08	
26	5.41E-05	-6.59E-06	0.001306
3.77E-06	-4.49E-05	-4.72E-08	
27	5.41E-05	-6.64E-06	0.001444
3.65E-06	-1.09E-05	-5.55E-09	
28	5.41E-05	-6.51E-06	0.001423
3.52E-06	1.83E-05	5.92E-08	
29	5.41E-05	-6.05E-06	0.001274
3.33E-06	3.99E-05	1.66E-07	
30	5.41E-05	-5.28E-06	0.001037
3.04E-06	5.40E-05	1.82E-07	
31	5.40E-05	-4.28E-06	0.000749
2.63E-06	6.00E-05	2.17E-07	
32	5.40E-05	-3.15E-06	0.000450
2.11E-06	5.90E-05	2.32E-07	
33	5.40E-05	-2.01E-06	0.000170
1.50E-06	5.22E-05	2.23E-07	
34	5.40E-05	-1.27E-06	1.52E-08
1.06E-06	4.50E-05	2.00E-07	
35	5.40E-05	-6.30E-07	-0.000143
5.72E-07	3.69E-05	1.67E-07	
36	5.40E-05	8.46E-08	-0.000298
-1.27E-07	2.49E-05	1.20E-07	
37	5.40E-05	5.56E-07	-0.000393
-7.49E-07	1.37E-05	6.92E-08	
38	5.40E-05	7.72E-07	-0.000435
-1.27E-06

4.70E-06	-0.000176	8.88E-08	
79	5.32E-05	-4.69E-06	-3.50E-08
3.90E-06	-0.000150	-5.91E-09	
80	5.33E-05	-4.86E-06	0.000474
3.16E-06	-0.000123	-8.45E-08	
81	5.33E-05	-5.29E-06	0.000981
2.71E-06	-8.19E-05	-8.09E-08	
82	5.33E-05	-5.58E-06	0.001291
2.68E-06	-4.42E-05	-3.64E-08	
83	5.33E-05	-5.62E-06	0.001426
2.82E-06	-1.05E-05	1.47E-08	
84	5.33E-05	-5.43E-06	0.001404
2.94E-06	1.84E-05	6.42E-08	
85	5.33E-05	-5.00E-06	0.001256
2.97E-06	3.97E-05	1.09E-07	
86	5.34E-05	-4.38E-06	0.001022
2.85E-06	5.36E-05	1.44E-07	
87	5.34E-05	-3.61E-06	0.000738
2.58E-06	5.95E-05	1.66E-07	
88	5.34E-05	-2.77E-06	0.000443
2.16E-06	5.85E-05	1.72E-07	
89	5.34E-05	-1.94E-06	0.000167
1.60E-06	5.17E-05	1.66E-07	
90	5.35E-05	-1.37E-06	1.60E-08
1.15E-06	4.45E-05	1.58E-07	
91	5.35E-05	-8.53E-07	-0.000141
6.85E-07	3.65E-05	1.41E-07	
92	5.35E-05	-2.51E-07	-0.000292
-1.42E-08	2.46E-05	1.02E-07	
93	5.35E-05	1.41E-07	-0.000386
-6.45E-07	1.35E-05	5.71E-08	
94	5.35E-05	3.13E-07	-0.000427
-1.18E-06	3.47E-06	1.28E-08	
95	5.35E-05	2.73E-07	-0.000422
-1.60E-06	-5.13E-06	-2.80E-08	
96	5.35E-05	4.69E-08	-0.000379
-1.86E-06	-1.16E-05	-6.27E-08	
97	5.35E-05	-3.32E-07	-0.000310
-1.96E-06	-1.58E-05	-8.97E-08	
98	5.35E-05	-8.22E-07	-0.000225
-1.90E-06	-1.78E-05	-1.07E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	5.34E-05	-1.37E-06	-0.000136
-1.69E-06	-1.77E-05	-1.15E-07	
100	5.34E-05	-1.94E-06	-5.22E-05
-1.37E-06	-1.59E-05	-1.15E-07	
101	5.34E-05	-2.33E-06	-4.38E-09
-1.10E-06	-1.40E-05	-1.09E-07	
102	5.34E-05	-2.69E-06	4.48E-05
-8.14E-07	-1.18E-05	-9.98E-08	
103	5.33E-05	-3.14E-06	9.49E-05
-3.93E-07	-8.36E-06	-8.25E-08	
104	5.33E-05	-3.51E-06	0.000128
-2.22E-09	-5.08E-06	-6.38E-08	
105	5.33E-05	-3.77E-06	0.000145
3.38E-07	-2.06E-06	-4.46E-08	
106	5.33E-05	-3.95E-06	0.000149
6.21E-07	6.47E-07	-2.55E-08	
107	5.33E-05	-4.03E-06	0.000139
8.27E-07	2.92E-06	-6.21E-09	
108	5.33E-05	-4.02E-06	0.000120
9.52E-07	4.74E-06	8.94E-09	
109	5.33E-05	-3.96E-06	9.22E-05
9.88E-07	6.12E-06	1.53E-08	
110	5.33E-05	-3.91E-06	5.88E-05
9.32E-07	7.14E-06	5.05E-10	
111	5.33E-05	-3.99E-06	2.15E-05
7.56E-07	7.73E-06	-3.69E-08	
112	5.33E-05	-4.12E-06	5.27E-10
5.84E-07	7.83E-06	-4.94E-08	
113	4.45E-05	3.22E-05	-1.14E-08
-4.19E-05	0.000329	-2.55E-07	
114	4.47E-05	3.14E-05	-0.000904
-4.19E-05	0.000327	-3.12E-07	
115	4.50E-05	2.95E-05	-0.002509
-4.11E-05	0.000317	-4.70E-07	
116	4.55E-05	2.68E-05	-0.004046
-3.92E-05	0.000300	-6.48E-07	
117	4.61E-05	2.32E-05	-0.005484
-3.63E-05	0.000277	-7.85E-07	
118	4.68E-05	1.92E-05	-0.006790
-3.25E-05	0.000247	-8.68E-07	
119	4.75E-05	1.48E-05	-0.007925
-2.77E-05	0.000209	-9.01E-07	
120	4.83E-05	1.04E-05	-0.008851
-2.19E-05	0.000163	-8.90E-07	
121	4.90E-05	6.20E-06	-0.009534
-1.58E-05	0.000112	-8.38E-07	
122	4.96E-05	2.31E-06	-0.009952
-9.34E-06	5.53E-05	-7.49E-07	
123	5.02E-05	-1.07E-06	-0.010081
-3.18E-06	-3.71E-06	-6.35E-07	
124	5.06E-05	-3.09E-06	-0.010000
4.07E-07	5.09E-05	-5.46E-07	
125	5.09E-05	-4.79E-06	-0.009786
3.42E-06	-8.13E-05	-4.50E-07	
126	5.14E-05	-6.61E-06	-0.009251
6.95E-06	-0.000135	-3.02E-07	
127	5.17E-05	-7.71E-06	-0.008466
9.35E-06	-0.000181	-1.64E-07	
128	5.20E-05	-8.18E-06	-0.007479
1.08E-05	-0.000217	-4.65E-08	
129	5.23E-05	-8.15E-06	-0.006338
1.15E-05	-0.000243	4.20E-08	
130	5.25E-05	-7.75E-06	-0.005105
1.13E-05	-0.000255	1.02E-07	
131	5.27E-05	-7.12E-06	-0.003850
1.05E-05	-0.000252	1.37E-07	
132	5.28E-05	-6.38E-06	-0.002637
9.24E-06	-0.000238	1.49E-07	
133	5.28E-05	-5.65E-06	-0.001525
7.69E-06	-0.000212	1.34E-07	
134	5.29E-05	-5.07E-06	-0.000564
6.10E-06	-0.000177	8.82E-08	
135	5.29E-05	-4.83E-06	-3.92E-08
5.20E-06	-0.000150	4.84E-08	
136	5.29E-05	-4.71E-06	0.000470
4.58E-06	-0.000122	1.92E-08	
137	5.29E-05	-4.66E-06	0.000971
4.07E-06	-8.12E-05	2.98E-09	
138	5.29E-05	-4.63E-06	0.001277
3.81E-06	-4.36E-05	1.09E-08	
139	5.29E-05	-4.52E-06	0.001408
3.64E-06	-1.01E-05	3.33E-08	
140	5.29E-05	-4.29E-06	0.001385
3.50E-06	1.85E-05	5.99E-08	
141	5.28E-05	-3.94E-06	0.001239
3.31E-06	3.96E-05	8.41E-08	
142	5.28E-05	-3.48E-06	0.001007
3.02E-06	5.32E-05	1.03E-07	
143	5.28E-05	-2.94E-06	0.000727
2.61E-06	5.90E-05	1.16E-07	
144	5.28E-05	-2.35E-06	0.000436
2.10E-06	5.80E-05	1.22E-07	
145	5.29E-05	-1.76E-06	0.000165
1.48E-06	5.12E-05	1.20E-07	
146	5.29E-05	-1.36E-06	1.61E-08
1.03E-06	4.41E-05	1.14E-07	
147	5.29E-05	-9.87E-07	-0.000138
5.57E-07	3.61E-05	1.01E-07	
148	5.29E-05	-5.57E-07	-0.000287
-1.26E-07	2.92E-05	7.38E-08	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	5.29E-05	-2.72E-07	-0.000379
-7.32E-07	1.33E-05	4.21E-08	
150	5.30E-05	-1.48E-07	-0.000419
-1.24E-06	3.40E-06	8.94E-09	
151	5.30E-05	-1.83E-07	-0.000414
-1.62E-06	-5.08E-06	-2.25E-08	
152	5.30E-05	-3.63E-07	-0.000372
-1.86E-06	-1.14E-05	-4.98E-08	
153	5.30E-05	-6.63E-07	-0.000304
-1.94E-06	-1.56E-05	-7.15E-08	
154	5.30E-05	-1.05E-06	-0.000221
-1.86E-06	-1.75E-05	-8.64E-08	
155	5.29E-05	-1.50E-06	-0.000134
-1.64E-06	-1.75E-05	-9.41E-08	
156	5.29E-05	-1.97E-06	-5.11E-05
-1.32E-06	-1.57E-05	-9.49E-08	
157	5.29E-05	-2.29E-06	-4.36E-09
-1.05E-06	-1.38E-05	-9.16E-08	
158	5.29E-05	-2.59E-06	4.39E-05
-7.71E-07	-1.16E-05	-8.50E-08	
159	5.28E-05	-2.98E-06	9.28E-05
-3.55E-07	-8.22E-06	-7.17E-08	
160	5.28E-05	-3.29E-06	0.000125
2.92E-08	-4.99E-06	-5.61E-08	
161	5.28E-05	-3.52E-06	0.000142
3.67E-07	-2.02E-06	-3.95E-08	
162	5.28E-05	-3.68E-06	0.000145
6.57E-07	6.45E-07	-2.34E-08	
163	5.27E-05	-3.76E-06	0.000136
8.83E-07	2.87E-06	-1.01E-08	
164	5.27E-05	-3.78E-06	0.000117
1.05E-06	4.65E-06	-2.76E-09	
165	5.27E-05	-3.80E-06	9.00E-05
1.17E-06	5.98E-06	-4.04E-09	
166	5.27E-05	-3.83E-06	5.75E-05
1.25E-06	6.97E-06	-1.24E-08	
167	5.27E-05	-3.92E-06	2.10E-05
1.31E-06	7.53E-06	-1.97E-08	
168	5.27E-05	-3.97E-06	7.70E-10
1.33E-06	7.62E-06	-2.06E-08	
169	5.13E-05	3.07E-05	-4.23E-06
-4.32E-05	0.000328	3.53E-05	
170	5.14E-05	3.55E-05	-0.000916
-4.26E-05	0.000327	2.85E-05	
171	5.18E-05	3.27E-05	-0.002534
-4.11E-05	0.000317	3.27E-05	
172	5.22E-05	2.98E-05	-0.004083
-3.89E-05	0.000300	3.07E-05	
173	5.25E-05	2.65E-05	-0.005530
-3.58E-05	0.000276	2.84E-05	
174	5.29E-05	2.26E-05	-0.006840
-3.17E-05	0.000245	2.52E-05	
175	5.32E-05	1.83E-05	-0.007974
-2.65E-05	0.000206	2.12E-05	
176	5.36E-05	1.35E-05	-0.008894
-2.02E-05	0.000160	1.64E-05	
177	5.39E-05	8.48E-06	-0.009566
-1.31E-05	0.000108	1.10E-05	
178	5.42E-05	3.49E-06	-0.009968
-5.64E-06	5.19E-05	5.11E-06	
179	5.44E-05	-9.77E-07	-0.010082
1.22E-06	-5.73E-06	-1.13E-06	
180	5.45E-05	-3.48E-06	-0.009995
5.10E-06	-4.33E-05	-4.54E-06	
181	5.46E-05	-5.25E-06	-0.009780
7.63E-06	-8.00E-05	-8.53E-06	
182	5.45E-05	-6.72E-06	-0.009249
1.01E-05	-0.000132	-1.29E-05	
183	5.44E-05	-7.37E-06	-0.008470
1.13E-05	-0.000178	-1.97E-05	
184	5.43E-05	-7.51E-06	-0.007488
1.19E-05	-0.000215	-2.35E-05	
185	5.42E-05	-7.35E-06	-0.006348
1.19E-05	-0.000240	-2.62E-05	
186	5.40E-05	-6.92E-06	-0.005116
1.12E-05	-0.000252	-2.74E-05	
187	5.39E-05	-6.47E-06	-0.003859
9.96E-06	-0.000250	-2.71E-05	
188	5.38E-05	-5.95E-06	-0.002645
8.17E-06	-0.000236	-2.55E-05	
189	5.37E-05	-5.48E-06	-0.001531
6.09E-06	-0.000210	-2.32E-05	
190	5.37E-05	-5.18E-06	-0.000569
4.09E-06	-0.000176	-1.77E-05	
191	5.37E-05	-5.23E-06	-1.11E-06
3.05E-06	-0.000150	-1.39E-05	
192	5.37E-05	-5.39E-06	0.000474
2.56E-06	-0.000123	-1.24E-05	
193	5.37E-05	-5.69E-06	0.000984
2.40E-06	-8.23E-05	-8.94E-06	
194	5.37E-05	-5.97E-06	0.001297
2.65E-06	-4.46E-05	-4.89E-06	
195	5.37E-05	-6.09E-06	0.001434
2.92E-06	-1.08E-05	-1.34E-06	
196	5.37E-05	-5.94E-06	0.001413
3.07E-06	1.83E-05	-6.72E-08	
197	5.37E-05	-5.50E-06	0.001265
3.08E-06	3.98E-05	3.96E-06	
198	5.37E-05	-4.81E-06	0.001029
2.93E-06	5.37E-05	5.42E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	5.37E-05	-3.94E-06	0.000744
2.65E-06	5.98E-05	6.60E-06	
200	5.37E-05	-2.96E-06	0.000446
2.25E-06	5.87E-05	5.94E-06	
201	5.38E-05	-1.99E-06	0.000169
1.73E-06	5.19E-05	4.86E-06	
202	5.38E-05	-1.33E-06	1.26E-07
1.26E-06	4.48E-05	3.87E-06	
203	5.38E-05	-7.68E-07	-0.000142
7.36E-07	3.67E-05	3.39E-06	
204	5.38E-05	-8.81E-08	-0.000295
2.02E-08	2.47E-05	2.39E-06	
205	5.38E-05	3.43E-07	-0.000389
-6.44E-07	1.36E-05	1.23E-06	
206	5.38E-05	5.31E-07	-0.000431
-1.20E-06	3.52E-06	2.06E-07	
207	5.38E-05	5.01E-07	-0.000426
-1.62E-06	-5.14E-06	-6.75E-07	
208	5.37E-05	2.55E-07	-0.000383
-1.88E-06	-1.16E-05	-1.32E-06	
209	5.37E-05	-1.61E-07	-0.000313
-1.92E-06	-1.59E-05	-1.96E-06	
210	5.37E-05	-7.00E-07	-0.000228
-1.91E-06	-1.79E-05	-1.93E-06	
211	5.36E-05	-1.31E-06	-0.000138
-1.71E-06	-1.78E-05	-1.91E-06	
212	5.36E-05	-1.93E-06	-5.28E-05
-1.40E-06	-1.60E-05	-1.60E-06	
213	5.35E-05	-2.61E-06	-4.63E-08
-1.12E-06	-1.41E-05	-1.31E-06	
214	5.35E-05	-2.74E-06	4.53E-05
-8.17E-07	-1.18E-05	-1.19E-06	
215	5.35E-05	-3.22E-06	9.58E-05
-3.90E-07	-8.43E-06	-9.13E-07	
216	5.34E-05	-3.60E-06	0.000129
1.31E-08	-5.13E-06	-5.66E-07	
217	5.34E-05	-3.88E-06	0.000147
3.72E-07	-2.09E-06	-2.53E-07	
218	5.34E-05	-4.07E-06	0.000150
6.75E-07	6.44E-07	2.90E-08	
219	5.34E-05	-4.16E-06	0.000141
9.09E-07	2.93E-06	2.63E-07	
220	5.34E-05	-4.16E-06	0.000121
1.08E-06	4.78E-06	4.50E-07	
221	5.34E-05	-4.07E-06	9.31E-05
1.17E-06	6.18E-06	5.86E-07	
222	5.35E-05	-3.87E-06	5.92E-05
1.17E-06	7.22E-06	6.92E-07	
223	5.35E-05	-3.57E-06	2.11E-05
1.04E-06	7.88E-06	6.47E-07	
224	5.36E-05	-3.35E-06	-1.10E-06
8.58E-07	8.02E-06	7.92E-07	
225	4.72E-05	3.22E-05	2.85E-06
-4.21E-05	0.000329	3.57E-05	
226	4.72E-05	3.21E-05	-0.000905
-4.25E-05	0.000327	2.88E-05	
227	4.74E-05	3.05E-05	-0.002516
-4.16E-05	0.000317	3.32E-05	
228	4.78E-05	2.79E-05	-0.004058
-3.93E-05	0.000300	3.12E-05	
229	4.83E-05	2.44E-05	-0.005500
-3.61E-05	0.000277	2.89E-05	
230	4.88E-05	2.04E-05	-0.006808
-3.19E-05	0.000246	2.58E-05	
231	4.94E-05	1.61E-05	-0.007943
-2.66E-05	0.000208	2.18E-05	
232	4.99E-05	1.16E-05	-0.008868
-2.03E-05	0.000162	1.70E-05	
233	5.05E-05	7.18E-06	-0.009549
-1.33E-05	0.000111	1.16E-05	
234	5.10E-05	3.04E-06	-0.009962
-5.96E-06	5.45E-05	5.63E-06	
235	5.14E-05	-5.69E-07	-0.010087
9.24E-07	-4.03E-06	-7.03E-07	
236	5.16E-05	-2.69E-06	-0.010004
4.76E-06	-4.29E-05	-4.20E-06	
237	5.19E-05	-4.48E-06	-0.009790
7.54E-06	-8.66E-05	-8.22E-06	
238	5.21E-05	-6.32E-06	-0.009255
1.02E-05	-0.000134	-1.46E-05	
239	5.23E-05	-7.39E-06	-0.008471
1.16E-05	-0.000180	-1.94E-05	
240	5.25E-05	-7.84E-06	-0.007484
1.21E-05	-0.000217	-2.33E-05	
241	5.26E-05	-7.83E-06	-0.006343
1.21E-05	-0.000242	-2.60E-05	
242	5.27E-05	-7.50E-06	-0.005109
1.14E-05	-0.000254	-2.72E-05	
243	5.27E-05	-6.96E-06	-0.003852
1.01E-05	-0.000252	-2.69E-05	
244	5.28E-05	-6.31E-06	-0.002639
8.27E-06	-0.000237	-2.54E-05	
245	5.28E-05	-5.64E-06	-0.001525
6.14E-06	-0.000211	-2.27E-05	
246	5.29E-05	-5.05E-06	-0.000564
4.03E-06	-0.000177	-1.76E-05	
247	5.29E-05	-4.65E-06	1.28E-06
2.85E-06	-0.000150	-1.41E-05	
248	5.30E-05	-4.91E-06	0.000473
2.48E-06	-0.000122	-1.22E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	5.30E-05	-5.07E-06	0.000978
2.43E-06	-8.15E-05	-8.72E-06	
250	5.30E-05	-5.18E-06	0.001285
2.65E-06	-4.38E-05	-4.71E-06	
251	5.30E-05	-5.13E-06	0.001418
2.91E-06	-1.02E-05	-1.20E-06	
252	5.31E-05	-4.90E-06	0.001395
3.05E-06	1.65E-05	1.81E-06	
253	5.31E-05	-4.49E-06	0.001248
3.06E-06	3.97E-05	4.01E-06	
254	5.31E-05	-3.94E-06	0.001015
2.93E-06	5.34E-05	5.43E-06	
255	5.31E-05	-3.28E-06	0.000733
2.64E-06	5.93E-05	6.03E-06	
256	5.31E-05	-2.56E-06	0.000439
2.24E-06	5.82E-05	5.93E-06	
257	5.32E-05	-1.85E-06	0.000166
1.72E-06	5.55E-05	4.83E-06	
258	5.32E-05	-1.36E-06	-7.35E-08
1.27E-06	4.43E-05	3.83E-06	
259	5.32E-05	-9.07E-07	-0.000140
7.38E-07	3.63E-05	3.36E-06	
260	5.32E-05	-3.95E-07	-0.000290
1.36E-08	2.44E-05	2.35E-06	
261	5.32E-05	-5.95E-08	-0.000382
-6.30E-07	1.33E-05	1.20E-06	
262	5.32E-05	8.70E-08	-0.000423
-1.18E-06	3.43E-06	1.81E-07	
263	5.32E-05	4.79E-08	-0.000418
-1.60E-06	-5.10E-06	-6.96E-07	
264	5.32E-05	-1.56E-07	-0.000376
-1.85E-06	-1.15E-05	-1.44E-06	
265	5.32E-05	-4.97E-07	-0.000307
-1.95E-06	-1.57E-05	-1.77E-06	
266	5.32E-05	-9.39E-07	-0.000223
-1.89E-06	-1.77E-05	-1.96E-06	
267	5.32E-05	-1.44E-06	-0.000135
-1.69E-06	-1.76E-05	-1.94E-06	
268	5.31E-05	-1.95E-06	-5.16E-05
-1.38E-06	-1.58E-05	-1.64E-06	
269	5.31E-05	-2.31E-06	2.92E-08
-1.11E-06	-1.39E-05	-1.35E-06	
270	5.31E-05	-2.65E-06	4.44E-05
-8.05E-07	-1.17E-05	-1.23E-06	
271	5.31E-05	-3.06E-06	9.39E-05
-3.84E-07	-8.29E-06	-9.70E-07	
272	5.30E-05	-3.40E-06	0.000127
4.17E-09	-5.03E-06	-6.33E-07	
273	5.30E-05	-3.65E-06	0.000144
3.48E-07	-2.04E-06	-3.32E-07	
274	5.30E-05	-3.81E-06	0.000147
6.37E-07	6.63E-07	-6.10E-08	
275	5.30E-05	-3.89E-06	0.000138
8.53E-07	2.88E-06	1.61E-07	
276	5.30E-05	-3.91E-06	0.000118
9.94E-07	4.68E-06	3.39E-07	
277	5.30E-05	-3.89E-06	9.13E-05
1.06E-06	6.03E-06	4.76E-07	
278	5.30E-05	-3.89E-06	5.85E-05
1.07E-06	7.01E-06	5.94E-07	
279	5.30E-05	-3.99E-06	2.19E-05
1.06E-06	7.56E-06	5.62E-07	
280	5.30E-05	-4.09E-06	8.17E-07
1.07E-06	7.63E-06	7.13E-07	
281	-0.000307	2.96E-22	.000000
-3.61E-05	0.000329	-6.35E-22	.000000
282	0.000109	-2.47E-22	-0.010000
1.49E-06	-4.39E-05	-6.35E-07	.000000
283	0.000234	.000000	.000000
4.91E-06	-0.000150	-5.00E-08	.000000
284	.000000	.000000	.000000
-1.14E-07	4.50E-05	2.00E-07	.000000
285	7.08E-05	1.63E-22	.000000
-3.44E-07	-1.42E-05	-1.26E-07	
286	4.49E-05	-8.61E-23	.000000
1.48E-06	7.96E-06	1.92E-07	
287	-0.000313	1.20E-21	.000000
-2.74E-05	0.000330	4.14E-08	
288	0.000105	-8.60E-23	-0.010000
3.52E-06	-4.32E-05	-5.92E-07	.000000
289	0.000233	.000000	.000000
3.90E-06	-0.000150	-5.91E-09	
290	.000000	.000000	.000000
-1.31E-08	4.46E-05	1.58E-07	
291	7.03E-05	-1.62E-22	.000000
-3.71E-07	-1.40E-05	-1.24E-07	
292	4.48E-05	-3.28E-22	.000000
-2.56E-08	7.85E-06	-4.94E-08	
293	-0.000317	1.47E-05	.000000
-1.21E-05	0.000331	-2.55E-07	
294	0.000102	-1.11E-05	-0.010000
-3.19E-06	-4.29E-05	-5.46E-07	
295	0.000232	-2.53E-05	.000000
-1.21E-05	-0.000150	4.84E-08	
296	-2.73E-25	-1.25E-07	.000000
-1.20E-07	4.41E-05	1.14E-07	
297	6.91E-05	8.05E-06	.000000
1.26E-06	-1.38E-05	-9.16E-08	
298	4.43E-05	3.51E-06	.000000
2.87E-07	1.73E-06	-2.06E-08	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P3 ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000187	-1.64E-05	9.48E-09
1.40E-05	-9.82E-05	3.17E-07	
2	-0.000187	-1.55E-05	0.000274
1.41E-05	-9.70E-05	3.40E-07	
3	-0.000187	-1.36E-05	0.000747
1.41E-05	-8.96E-05	4.20E-07	
4	-0.000187	-1.13E-05	0.001168
1.33E-05	-7.67E-05	5.01E-07	
5	-0.000188	-8.64E-06	0.001515
1.20E-05	-5.93E-05	5.73E-07	
6	-0.000188	-5.61E-06	0.001761
1.00E-05	-3.62E-05	6.43E-07	
7	-0.000188	-2.21E-06	0.001877
7.31E-06	-7.77E-06	7.25E-07	
8	-0.000189	1.68E-06	0.001836
4.01E-06	2.64E-05	8.51E-07	
9	-0.000189	6.37E-06	0.001613
4.03E-07	6.43E-05	1.05E-06	
10	-0.000189	1.21E-05	0.001193
-3.19E-06	0.000105	1.26E-06	
11	-0.000190	1.83E-05	0.000562
-6.20E-06	0.000147	1.15E-06	
12	-0.000190	2.14E-05	-2.86E-08
-7.38E-06	0.000174	4.59E-07	
13	-0.000190	2.15E-05	-0.000654
-1.06E-05	0.000200	-2.52E-07	
14	-0.000190	1.95E-05	-0.001738
-1.39E-05	0.000233	-4.41E-07	
15	-0.000190	1.75E-05	-0.002963
-1.58E-05	0.000256	-3.48E-07	
16	-0.000190	1.59E-05	-0.004271
-1.65E-05	0.000266	-3.01E-07	
17	-0.000191	1.43E-05	-0.005596
-1.61E-05	0.000262	-3.46E-07	
18	-0.000191	1.23E-05	-0.006861
-1.46E-05	0.000242	-4.34E-07	
19	-0.000191	9.91E-06	-0.007989
-1.23E-05	0.000207	-5.06E-07	
20	-0.000191	7.31E-06	-0.008909
-9.40E-06	0.000160	-5.12E-07	
21	-0.000192	4.90E-06	-0.009574
-6.32E-06	0.000104	-4.27E-07	
22	-0.000192	3.10E-06	-0.009935
-3.42E-06	4.05E-05	-2.88E-07	
23	-0.000192	2.20E-06	-0.010000
-1.84E-06	-2.31E-06	-2.23E-07	
24	-0.000192	1.45E-06	-0.009913
-1.15E-06	-4.69E-05	-1.77E-07	
25	-0.000193	9.69E-07	-0.009521
-8.29E-07	-0.000110	-1.58E-08	
26	-0.000193	1.24E-06	-0.008829
-1.05E-06	-0.000166	1.09E-07	
27	-0.000193	1.96E-06	-0.007886
-1.61E-06	-0.000211	1.63E-07	
28	-0.000194	2.81E-06	-0.006741
-2.30E-06	-0.000245	1.63E-07	
29	-0.000194	3.59E-06	-0.005468
-2.98E-06	-0.000263	1.37E-07	
30	-0.000195	4.20E-06	-0.004146
-3.56E-06

1.06E-07	-3.16E-06	-2.30E-07	
80	-0.000196	-4.97E-07	-0.009912
1.19E-06	-4.78E-05	-1.45E-08	
81	-0.000196	-2.10E-07	-0.009516
1.47E-06	-0.000112	1.02E-07	
82	-0.000196	4.21E-07	-0.008818
8.21E-07	-0.000167	1.38E-07	
83	-0.000196	1.17E-06	-0.007872
-3.11E-07	-0.000213	1.52E-07	
84	-0.000195	1.97E-06	-0.006726
-1.59E-06	-0.000246	1.55E-07	
85	-0.000195	2.77E-06	-0.005455
-2.84E-06	-0.000264	1.47E-07	
86	-0.000195	3.49E-06	-0.004136
-3.93E-06	-0.000266	1.30E-07	
87	-0.000195	4.14E-06	-0.002846
-4.76E-06	-0.000253	1.14E-07	
88	-0.000195	4.69E-06	-0.001652
-5.16E-06	-0.000227	9.47E-08	
89	-0.000195	5.08E-06	-0.000614
-4.92E-06	-0.000191	3.84E-08	
90	-0.000195	5.07E-06	-3.89E-08
-4.22E-06	-0.000163	-6.29E-08	
91	-0.000195	4.69E-06	0.000514
-3.42E-06	-0.000133	-1.43E-07	
92	-0.000195	3.98E-06	0.001067
-1.55E-06	-8.96E-05	-1.35E-07	
93	-0.000195	3.45E-06	0.001408
5.56E-07	-4.90E-05	-7.98E-08	
94	-0.000195	3.22E-06	0.001559
2.61E-06	-1.26E-05	-1.48E-08	
95	-0.000195	3.31E-06	0.001540
4.38E-06	1.88E-05	5.13E-08	
96	-0.000195	3.72E-06	0.001384
5.61E-06	4.22E-05	1.14E-07	
97	-0.000195	4.42E-06	0.001132
6.27E-06	5.77E-05	1.70E-07	
98	-0.000195	5.36E-06	0.000823
6.34E-06	6.90E-05	2.11E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000195	6.47E-06	0.000498
5.85E-06	6.46E-05	2.37E-07	
100	-0.000195	7.68E-06	0.000191
4.87E-06	5.81E-05	2.52E-07	
101	-0.000195	8.56E-06	1.60E-08
3.98E-06	5.10E-05	2.59E-07	
102	-0.000195	9.46E-06	-0.000164
3.03E-06	4.29E-05	2.56E-07	
103	-0.000195	1.07E-05	-0.000346
1.56E-06	3.05E-05	2.29E-07	
104	-0.000195	1.17E-05	-0.000467
1.61E-07	1.85E-05	1.91E-07	
105	-0.000195	1.25E-05	-0.000531
-1.08E-06	7.52E-06	1.49E-07	
106	-0.000195	1.32E-05	-0.000542
-2.13E-06	-2.38E-06	1.03E-07	
107	-0.000195	1.35E-05	-0.000508
-2.90E-06	-1.07E-05	5.46E-08	
108	-0.000195	1.37E-05	-0.000437
-3.38E-06	-1.91E-05	1.21E-08	
109	-0.000195	1.37E-05	-0.000336
-3.54E-06	-2.23E-05	-5.28E-10	
110	-0.000195	1.38E-05	-0.000215
-3.37E-06	-2.61E-05	5.87E-08	
111	-0.000195	1.44E-05	-7.85E-05
-2.76E-06	-2.82E-05	1.95E-07	
112	-0.000195	1.51E-05	-1.94E-09
-2.16E-06	-2.86E-05	2.39E-07	
113	-0.000195	-1.78E-05	8.18E-09
1.35E-05	-9.55E-05	6.19E-07	
114	-0.000195	-1.61E-05	0.000263
1.37E-05	-9.44E-05	6.31E-07	
115	-0.000195	-1.29E-05	0.000718
1.36E-05	-8.73E-05	6.56E-07	
116	-0.000196	-9.59E-06	0.001125
1.28E-05	-7.50E-05	6.99E-07	
117	-0.000196	-6.11E-06	0.001460
1.15E-05	-5.83E-05	7.23E-07	
118	-0.000197	-2.54E-06	0.001700
9.43E-06	-3.62E-05	7.29E-07	
119	-0.000197	9.72E-07	0.001815
6.70E-06	-8.47E-06	6.99E-07	
120	-0.000198	4.21E-06	0.001780
3.36E-06	2.48E-05	6.15E-07	
121	-0.000198	6.91E-06	0.001569
-2.80E-07	6.20E-05	4.84E-07	
122	-0.000198	8.94E-06	0.001165
-4.05E-06	0.000103	3.57E-07	
123	-0.000198	1.05E-05	0.000552
-7.68E-06	0.000146	3.06E-07	
124	-0.000199	1.16E-05	-3.67E-08
-9.99E-06	0.000174	3.15E-07	
125	-0.000199	1.26E-05	-0.000647
-1.23E-05	0.000200	3.08E-07	
126	-0.000199	1.39E-05	-0.001723
-1.52E-05	0.000234	2.00E-07	
127	-0.000199	1.44E-05	-0.002943
-1.69E-05	0.000257	3.40E-09	
128	-0.000199	1.39E-05	-0.004245
-1.74E-05	0.000268	-2.05E-07	
129	-0.000198	1.25E-05	-0.005566
-1.68E-05	0.000264	-3.67E-07	
130	-0.000198	1.04E-05	-0.006829
-1.52E-05	0.000245	-4.65E-07	
131	-0.000198	7.94E-06	-0.007959
-1.27E-05	0.000210	-5.10E-07	
132	-0.000197	5.41E-06	-0.008886
-9.83E-06	0.000164	-5.07E-07	
133	-0.000197	3.02E-06	-0.009561
-6.72E-06	0.000107	-4.51E-07	
134	-0.000197	1.06E-06	-0.009932
-3.80E-06	4.25E-05	-3.35E-07	
135	-0.000197	9.49E-08	-0.010000
-2.29E-06	-3.21E-06	-2.27E-07	
136	-0.000196	-4.88E-07	-0.009911
-1.39E-06	-4.89E-05	-1.15E-07	
137	-0.000196	-6.99E-07	-0.009509
-9.34E-07	-0.000113	1.65E-08	
138	-0.000196	-3.76E-07	-0.008807
-1.10E-06	-0.000169	1.00E-07	
139	-0.000196	2.63E-07	-0.007858
-1.61E-06	-0.000215	1.47E-07	
140	-0.000196	1.07E-06	-0.006712
-2.30E-06	-0.000248	1.70E-07	
141	-0.000195	1.95E-06	-0.005441
-3.00E-06	-0.000265	1.77E-07	
142	-0.000195	2.85E-06	-0.004124
-3.60E-06	-0.000267	1.73E-07	
143	-0.000195	3.68E-06	-0.002837
-3.96E-06	-0.000254	1.54E-07	
144	-0.000195	4.37E-06	-0.001646
-4.00E-06	-0.000228	1.15E-07	
145	-0.000195	4.82E-06	-0.000610
-3.59E-06	-0.000191	5.29E-08	
146	-0.000195	4.92E-06	-4.31E-08
-2.94E-06	-0.000163	5.82E-09	
147	-0.000195	4.89E-06	0.000510
-1.96E-06	-0.000133	-2.66E-08	
148	-0.000195	4.71E-06	0.001056
-1.46E-07	-8.89E-05	-4.18E-08	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000195	4.54E-06	0.001391
1.73E-06	-4.84E-05	-2.75E-08	
150	-0.000195	4.49E-06	0.001539
3.47E-06	-1.22E-05	5.55E-09	
151	-0.000195	4.61E-06	0.001518
4.94E-06	1.88E-05	4.59E-08	
152	-0.000195	4.94E-06	0.001364
5.93E-06	4.20E-05	8.63E-08	
153	-0.000195	5.45E-06	0.001115
6.41E-06	5.73E-05	1.23E-07	
154	-0.000195	6.14E-06	0.000810
6.32E-06	6.43E-05	1.55E-07	
155	-0.000195	6.96E-06	0.000490
5.73E-06	6.40E-05	1.80E-07	
156	-0.000195	7.89E-06	0.000187
4.69E-06	5.70E-05	1.99E-07	
157	-0.000195	8.58E-06	1.62E-08
3.81E-06	5.05E-05	2.05E-07	
158	-0.000195	9.29E-06	-0.000161
2.84E-06	4.24E-05	2.04E-07	
159	-0.000195	1.03E-05	-0.000340
1.38E-06	3.01E-05	1.89E-07	
160	-0.000195	1.11E-05	-0.000458
-3.26E-09	1.82E-05	1.64E-07	
161	-0.000195	1.18E-05	-0.000520
-1.23E-06	7.35E-06	1.31E-07	
162	-0.000195	1.24E-05	-0.000531
-2.29E-06	-2.38E-06	9.64E-08	
163	-0.000195	1.28E-05	-0.000497
-3.13E-06	-1.05E-05	6.71E-08	
164	-0.000195	1.31E-05	-0.000427
-3.75E-06	-1.70E-05	5.51E-08	
165	-0.000195	1.34E-05	-0.000329
-4.19E-06	-2.19E-05	6.94E-08	
166	-0.000194	1.38E-05	-0.000210
-4.52E-06	-2.55E-05	1.05E-07	
167	-0.000194	1.44E-05	-7.69E-05
-4.76E-06	-2.75E-05	1.32E-07	
168	-0.000194	1.48E-05	-2.82E-09
-4.83E-06	-2.78E-05	1.35E-07	
169	-0.000190	-1.70E-05	-1.75E-06
1.21E-05	-9.78E-05	-1.35E-05	
170	-0.000190	-1.59E-05	0.000269
1.30E-05	-9.66E-05	-1.08E-05	
171	-0.000191	-1.36E-05	0.000738
1.33E-05	-8.91E-05	-1.20E-05	
172	-0.000191	-1.10E-05	0.001156
1.27E-05	-7.63E-05	-1.06E-05	
173	-0.000191	-8.08E-06	0.001500
1.14E-05	-6.01E-05	-8.88E-06	
174	-0.000191	-4.84E-06	0.001743
9.16E-06	-3.63E-05	-6.52E-06	
175	-0.000192	-1.32E-06	0.001859
6.11E-06	-7.87E-06	-3.57E-06	
176	-0.000192	2.52E-06	0.001818
2.21E-06	2.61E-05	-1.47E-08	
177	-0.000192	6.03E-06	0.001597
-2.38E-06	6.38E-05	3.94E-06	
178	-0.000193	1.08E-05	0.001179
-7.51E-06	0.000105	8.34E-06	
179	-0.000193	1.47E-05	0.000551
-1.27E-05	0.000147	1.22E-05	
180	-0.000193	1.68E-05	-1.13E-05
-1.55E-05	0.000174	1.39E-05	
181	-0.000194	1.77E-05	-0.000661
-1.69E-05	0.000199	1.77E-05	
182	-0.000194	1.77E-05	-0.001741
-1.81E-05	0.000232	2.29E-05	
183	-0.000194	1.69E-05	-0.002962
-1.84E-05	0.000256	2.59E-05	
184	-0.000194	1.56E-05	-0.004268
-1.79E-05	0.000266	2.67E-05	
185	-0.000194	1.40E-05	-0.005590
-1.67E-05	0.000262	2.64E-05	
186	-0.000194	1.19E-05	-0.006854
-1.45E-05	0.000243	2.45E-05	
187	-0.000194	9.38E-06	-0.007981
-1.14E-05	0.000208	2.10E-05	
188	-0.000194	6.72E-06	-0.008902
-7.65E-06	0.000161	1.62E-05	
189	-0.000194	4.13E-06	-0.009569
-3.62E-06	0.000105	1.03E-05	
190	-0.000194	1.96E-06	-0.009932
-1.06E-07	4.02E-05	3.17E-06	
191	-0.000194	9.28E-07	-0.009998
1.59E-06	-3.13E-06	-1.10E-06	
192	-0.000194	3.33E-07	-0.009910
2.22E-06	-4.74E-05	-5.50E-06	
193	-0.000194	2.46E-07	-0.009516
2.01E-06	-0.000111	-1.27E-05	
194	-0.000194	7.21E-07	-0.008822
9.00E-07	-0.000166	-1.85E-05	
195	-0.000195	1.50E-06	-0.007877
-4.31E-07	-0.000212	-2.33E-05	
196	-0.000195	2.36E-06	-0.006733
-1.72E-06	-0.000246	-2.67E-05	
197	-0.000195	3.16E-06	-0.005461
-2.92E-06	-0.000263	-2.85E-05	
198	-0.000195	3.86E-06	-0.004141
-3.97E-06	-0.000265	-2.85E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000195	4.40E-06	-0.002851
-4.85E-06	-0.000252	-2.70E-05	
200	-0.000195	4.71E-06	-0.001656
-5.45E-06	-0.000226	-2.43E-05	
201	-0.000195	4.74E-06	-0.000616
-5.47E-06	-0.000190	-1.89E-05	
202	-0.000195	4.48E-06	-1.18E-06
-5.05E-06	-0.000163	-1.49E-05	
203	-0.000195	4.10E-06	0.000515
-4.04E-06	-0.000133	-1.32E-05	
204	-0.000195	3.72E-06	0.001071
-1.92E-06	-9.00E-05	-9.53E-06	
205	-0.000195	2.98E-06	0.001415
4.89E-07	-4.94E-05	-5.20E-06	
206	-0.000195	2.67E-06	0.001569
2.70E-06	-1.29E-05	-1.40E-06	
207	-0.000195	2.17E-06	0.001550
4.50E-06	1.87E-05	1.89E-06	
208	-0.000195	3.12E-06	0.001394
5.73E-06	4.23E-05	4.31E-06	
209	-0.000195	3.90E-06	0.001140
6.37E-06	5.79E-05	5.89E-06	
210	-0.000195	4.96E-06	0.000829
6.42E-06	6.51E-05	6.98E-06	
211	-0.000195	6.22E-06	0.000502
5.95E-06	6.48E-05	6.52E-06	
212	-0.000195	7.60E-06	0.000192
5.03E-06	5.84E-05	5.40E-06	
213	-0.000195	8.60E-06	1.81E-07
4.12E-06	5.13E-05	4.35E-06	
214	-0.000194	9.43E-06	-0.000165
3.10E-06	4.32E-05	3.87E-06	
215	-0.000194	1.08E-05	-0.000349
1.58E-06	3.07E-05	2.81E-06	
216	-0.000194	1.19E-05	-0.000472
1.16E-07	1.87E-05	1.52E-06	
217	-0.000194	1.28E-05	-0.000536
-1.20E-06	7.62E-06	3.61E-07	
218	-0.000194	1.35E-05	-0.000548
-2.33E-06	-2.35E-06	-6.84E-07	
219	-0.000194	1.39E-05	-0.000513
-3.20E-06	-1.07E-05	-1.55E-06	
220	-0.000194	1.41E-05	-0.000441
-3.83E-06	-1.74E-05	-2.24E-06	
221	-0.000194	1.40E-05	-0.000340
-4.18E-06	-2.25E-05	-2.75E-06	
222	-0.000194	1.36E-05	-0.000216
-4.24E-06	-2.63E-05	-3.14E-06	
223	-0.000195	1.28E-05	-7.69E-05
-3.80E-06	-2.87E-05	-2.88E-06	
224	-0.000195	1.22E-05	3.93E-06
-3.16E-06	-2.92E-05	-3.54E-06	
225	-0.000194	-1.79E-05	1.63E-06
1.20E-05	-9.62E-05	-1.17E-05	
226	-0.000194	-1.64E-05	0.000267
1.28E-05	-9.50E-05	-9.33E-06	
227	-0.000195	-1.33E-05	0.000726
1.31E-05	-8.79E-05	-1.04E-05	
228	-0.000195	-1.02E-05	0.001136
1.25E-05	-7.55E-05	-9.01E-06	
229	-0.000196	-6.92E-06	0.001474
1.11E-05	-5.86E-05	-7.28E-06	
230	-0.000196	-3.47E-06	0.001715
8.85E-06	-3.63E-05	-4.96E-06	
231	-0.000196	4.85E-08	0.001832
5.75E-06	-8.51E-06	-2.03E-06	
232	-0.000197	3.45E-06	0.001796
1.82E-06	2.48E-05	1.54E-06	
233	-0.000197	6.43E-06	0.001583
-2.64E-06	6.21E-05	5.57E-06	
234	-0.000197	8.58E-06	0.001177
-7.21E-06	0.000103	1.01E-05	
235	-0.000197	9.86E-06	0.000562
-1.12E-05	0.000145	1.38E-05	
236	-0.000197	1.07E-05	8.34E-06
-1.31E-05	0.000174	1.52E-05	
237	-0.000197	1.23E-05	-0.000642
-1.59E-05	0.000201	1.90E-05	
238	-0.000197	1.42E-05	-0.001722
-1.82E-05	0.000234	2.41E-05	
239	-0.000197	1.49E-05	-0.002945
-1.90E-05	0.000257	2.67E-05	
240	-0.000197	1.44E-05	-0.004251
-1.85E-05	0.000267	2.80E-05	
241	-0.000197	1.29E-05	-0.005573
-1.71E-05	0.000264	2.77E-05	
242	-0.000197	1.09E-05	-0.006837
-1.48E-05	0.000244	2.58E-05	
243	-0.000197	8.52E-06	-0.007968
-1.16E-05	0.000210	2.21E-05	
244	-0.000197	5.98E-06	-0.008894
-7.83E-06	0.000163	1.73E-05	
245	-0.000196	3.47E-06	-0.009567
-3.75E-06	0.000107	1.12E-05	
246	-0.000196	1.25E-06	-0.009936
5.81E-08	4.21E-05	4.06E-06	
247	-0.000196	1.52E-07	-0.010003
2.04E-06	-3.10E-06	-4.00E-07	
248	-0.000196	-3.22E-07	-0.009914
2.44E-06	-4.82E-05	-4.89E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000196	-2.88E-07	-0.009515
2.02E-06	-0.000113	-1.22E-05	
250	-0.000196	1.53E-07	-0.008815
9.23E-07	-0.000169	-1.81E-05	
251	-0.000196	8.08E-07	-0.007866
-4.09E-07	-0.000214	-2.28E-05	
252	-0.000196	1.57E-06	-0.006720
-1.71E-06	-0.000247	-2.63E-05	
253	-0.000196	2.37E-06	-0.005448
-2.93E-06	-0.000265	-2.81E-05	
254	-0.000196	3.15E-06	-0.004130
-4.01E-06	-0.000266	-2.83E-05	
255	-0.000195	3.86E-06	-0.002841
-4.92E-06	-0.000253	-2.69E-05	
256	-0.000195	4.45E-06	-0.001648
-5.56E-06	-0.000227	-2.42E-05	
257	-0.000195	4.89E-06	-0.000611
-5.70E-06	-0.000191	-1.88E-05	
258	-0.000195	4.91E-06	1.25E-06
-5.34E-06	-0.000163	-1.48E-05	
259	-0.000195	4.68E-06	0.000514
-4.08E-06	-0.000133	-1.31E-05	
260	-0.000195	4.25E-06	0.001063
-1.81E-06	-8.91E-05	-9.35E-06	
261	-0.000195	3.92E-06	0.001401
5.46E-07	-4.86E-05	-5.04E-06	
262	-0.000195	3.80E-06	0.001550
2.71E-06	-1.23E-05	-1.25E-06	
263	-0.000195	3.93E-06	0.001530
4.49E-06	1.89E-05	2.02E-06	
264	-0.000195	4.31E-06	0.001374
5.70E-06	4.22E-05	4.44E-06	
265	-0.000195	4.93E-06	0.001123
6.34E-06	5.77E-05	6.02E-06	
266	-0.000195	5.75E-06	0.000817
6.39E-06	6.46E-05	6.73E-06	
267	-0.000195	6.72E-06	0.000494
5.91E-06	6.43E-05	6.69E-06	
268	-0.000195	7.79E-06	0.000189
4.99E-06	5.78E-05	5.97E-06	
269	-0.000195	8.58E-06	-1.17E-07
4.11E-06	5.07E-05	4.51E-06	
270	-0.000195	9.39E-06	-0.000162
3.06E-06	4.26E-05	4.07E-06	
271	-0.000195	1.05E-05	-0.000343
1.56E-06	3.03E-05	3.05E-06	
272	-0.000195	1.14E-05	-0.000463
1.47E-07	1.84E-05	1.79E-06	
273	-0.000195	1.22E-05	-0.000526
-1.12E-06	7.43E-06	6.74E-07	
274	-0.000195	1.28E-05	-0.000536
-2.19E-06	-2.37E-06	-3.28E-07	
275	-0.000195	1.32E-05	-0.000503
-3.00E-06	-1.05E-05	-1.15E-06	
276	-0.000195	1.34E-05	-0.000432
-3.54E-06	-1.71E-05	-1.81E-06	
277	-0.000195	1.36E-05	-0.000333
-3.80E-06	-2.20E-05	-2.32E-06	
278	-0.000195	1.39E-05	-0.000214
-3.88E-06	-2.56E-05	-2.76E-06	
279	-0.000194	1.46E-05	-7.99E-05
-3.87E-06	-2.76E-05	-2.55E-06	
280	-0.000194	1.51E-05	-2.92E-06
-3.93E-06	-2.79E-05	-3.22E-06	
281	-7.89E-05	9.79E-23	.000000
1.27E-05	-9.84E-05	3.17E-07	
282	-0.000399	1.78E-22	.000000
-1.29E-05	0.000174	4.58E-07	
283	-0.000188	.000000	-0.010000
-1.84E-06	-3.23E-06	-2.35E-07	
284	.000000	.000000	.000000
1.08E-06	-0.000163	-1.19E-07	
285	-0.000256	3.97E-23	.000000
1.21E-06	5.18E-05	3.09E-07	
286	-0.000162	8.50E-23	.000000
-5.34E-06	-2.90E-05	-6.25E-07	
287	-8.68E-05	3.63E-22	.000000
7.11E-06	-9.75E-05	5.28E-07	
288	-0.000405	2.82E-22	.000000
-1.33E-05	0.000174	3.96E-07	
289	-0.000192	.000000	-0.010000
1.03E-07	-3.16E-06	-2.30E-07	
290	.000000	.000000	.000000
7.79E-09	-0.000163	-6.29E-08	
291	-0.000257	-8.66E-22	.000000
1.32E-06	5.12E-05	2.59E-07	
292	-0.000164	5.69E-22	.000000
6.93E-08	-2.67E-05	-2.38E-07	
293	-8.96E-05	5.13E-06	.000000
4.83E-06	-9.63E-05	6.19E-07	
294	-0.000406	3.36E-05	.000000
4.58E-06	0.000174	3.15E-07	
295	-0.000192	1.95E-05	-0.010000
-2.65E-06	-2.92E-06	-2.27E-07	
296	5.53E-25	1.39E-06	.000000
1.29E-06	-0.000163	5.82E-09	
297	-0.000254	-2.95E-05	.000000
-4.64E-06	5.04E-05	2.05E-07	
298	-0.000163	-1.28E-05	.000000
-1.02E-06	-2.82E-05	1.35E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P4 ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	4.51E-06	3.81E-06	-2.79E-09
-3.79E-06	2.90E-05	-1.45E-07	
2	4.55E-06	3.41E-06	-8.06E-05
-3.95E-06	2.86E-05	-1.38E-07	
3	4.61E-06	2.79E-06	-0.000220
-4.06E-06	2.64E-05	-1.14E-07	
4	4.65E-06	2.25E-06	-0.000344
-3.94E-06	2.26E-05	-1.07E-07	
5	4.69E-06	1.69E-06	-0.000446
-3.63E-06	1.75E-05	-1.19E-07	
6	4.74E-06	1.05E-06	-0.000519
-3.09E-06	1.07E-05	-1.42E-07	
7	4.79E-06	2.70E-07	-0.000553
-2.33E-06	2.34E-06	-1.77E-07	
8	4.85E-06	-6.77E-07	-0.000542
-1.34E-06	-7.71E-06	-2.10E-07	
9	4.94E-06	-1.84E-06	-0.000476
-1.97E-07	-1.89E-05	-2.61E-07	
10	5.04E-06	-3.28E-06	-0.000353
1.05E-06	-3.10E-05	-3.13E-07	
11	5.16E-06	-4.85E-06	-0.000167
2.29E-06	-4.35E-05	-3.02E-07	
12	5.22E-06	-5.72E-06	1.49E-08
3.02E-06	-5.17E-05	-1.78E-07	
13	5.26E-06	-6.07E-06	0.000194
4.11E-06	-5.87E-05	-4.36E-08	
14	5.30E-06	-6.11E-06	0.000506
5.34E-06	-6.52E-05	1.09E-07	
15	5.34E-06	-6.00E-06	0.000836
6.07E-06	-6.55E-05	3.19E-08	
16	5.38E-06	-5.73E-06	0.001149
6.24E-06	-5.82E-05	7.85E-08	
17	5.42E-06	-5.14E-06	0.001405
5.82E-06	-4.25E-05	1.16E-07	
18	5.45E-06	-4.35E-06	0.001562
4.85E-06	-1.87E-05	2.47E-07	
19	5.46E-06	-2.69E-06	0.001580
3.38E-06	1.30E-05	3.28E-07	
20	5.47E-06	-9.16E-07	0.001425
1.61E-06	4.98E-05	3.74E-07	
21	5.47E-06	9.52E-07	0.001078
-2.89E-07	9.05E-05	3.68E-07	
22	5.47E-06	2.69E-06	0.000518
-2.13E-06	0.000134	3.29E-07	
23	5.46E-06	3.80E-06	-3.41E-08
-3.16E-06	0.000163	3.18E-07	
24	5.45E-06	4.87E-06	-0.000616
-3.68E-06	0.000190	2.88E-07	
25	5.41E-06	6.01E-06	-0.001658
-4.02E-06	0.000226	1.72E-07	
26	5.37E-06	6.55E-06	-0.002854
-3.96E-06	0.000252	5.42E-08	
27	5.29E-06	6.55E-06	-0.004147
-3.58E-06	0.000265	-4.15E-08	
28	5.17E-06	6.11E-06	-0.005468
-2.99E-06	0.000263	-1.20E-07	
29	5.01E-06	5.33E-06	-0.006741
-2.29E-06	0.000245	-1.83E-07	
30	4.80E-06	4.29E-06	-0.007886
-1.59E-06	0.000211	-2.19E-07	
31	4.57E-06	3.20E-06	-0.008829
-1.03E-06	0.000166	-2.42E-07	
32	4.32E-06	2.37E-06	-0.009521
-8.11E-07	0.000110	-1.12E-07	
33	4.08E-06	2.12E-06	-0.009913
-1.15E-06	4.69E-05	7.42E-09	
34	3.93E-06	2.22E-06	-0.010000
-1.85E-06	3.28E-06	2.80E-08	
35	3.79E-06	2.32E-06	-0.009936
-3.49E-06	-4.04E-05	4.93E-08	
36	3.59E-06	2.87E-06	-0.009575
-6.52E-06	-0.000104	1.64E-07	
37	3.41E-06	3.94E-06	-0.008910
-9.75E-06	-0.000160	2.46E-07	
38	3.26E-06	5.24E-06	-0.007991
-1.28E-05	-0.000

-4.92E-06	0.000191	1.34E-07	
81	3.92E-06	6.07E-06	-0.001652
-5.16E-06	0.000227	3.87E-08	
82	3.91E-06	6.09E-06	-0.002846
-4.77E-06	0.000253	-1.76E-08	
83	3.91E-06	5.83E-06	-0.004136
-3.94E-06	0.000266	-7.20E-08	
84	3.90E-06	5.30E-06	-0.005455
-2.83E-06	0.000264	-1.26E-07	
85	3.89E-06	4.52E-06	-0.006726
-1.57E-06	0.000246	-1.71E-07	
86	3.87E-06	3.54E-06	-0.007872
-2.80E-07	0.000213	-2.06E-07	
87	3.85E-06	2.43E-06	-0.008818
8.58E-07	0.000167	-2.32E-07	
88	3.83E-06	1.23E-06	-0.009516
1.51E-06	0.000112	-2.39E-07	
89	3.80E-06	1.60E-07	-0.009912
1.21E-06	4.78E-05	-1.64E-07	
90	3.78E-06	-1.35E-07	-0.010000
1.14E-07	3.15E-06	2.47E-08	
91	3.79E-06	3.30E-07	-0.009934
-1.16E-06	-4.15E-05	2.13E-07	
92	3.81E-06	1.63E-06	-0.009568
-4.31E-06	-0.000106	2.84E-07	
93	3.83E-06	3.03E-06	-0.008898
-7.96E-06	-0.000162	2.70E-07	
94	3.89E-06	4.32E-06	-0.007975
-1.16E-05	-0.000209	2.35E-07	
95	3.92E-06	5.40E-06	-0.006845
-1.47E-05	-0.000243	1.87E-07	
96	3.94E-06	6.22E-06	-0.005581
-1.70E-05	-0.000263	1.28E-07	
97	3.95E-06	6.73E-06	-0.004259
-1.83E-05	-0.000267	6.02E-08	
98	3.94E-06	6.90E-06	-0.002954
-1.86E-05	-0.000256	-8.81E-09	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	3.91E-06	6.71E-06	-0.001731
-1.78E-05	-0.000133	-8.06E-08	
100	3.85E-06	6.10E-06	-0.000651
-1.57E-05	-0.000200	-1.90E-07	
101	3.78E-06	5.25E-06	-3.49E-08
-1.36E-05	-0.000174	-3.28E-07	
102	3.66E-06	3.89E-06	0.000557
-1.12E-05	-0.000146	-4.42E-07	
103	3.48E-06	1.62E-06	0.001179
-6.99E-06	-0.000104	-4.71E-07	
104	3.24E-06	-6.40E-07	0.001591
-2.49E-06	-6.29E-05	-4.42E-07	
105	3.03E-06	-2.70E-06	0.001808
1.77E-06	-2.54E-05	-3.92E-07	
106	2.84E-06	-4.49E-06	0.001846
5.58E-06	8.24E-06	-3.31E-07	
107	2.67E-06	-5.96E-06	0.001730
8.65E-06	3.64E-05	-2.64E-07	
108	2.53E-06	-7.10E-06	0.001488
1.09E-05	5.89E-05	-1.93E-07	
109	2.43E-06	-7.85E-06	0.001147
1.24E-05	7.59E-05	-1.06E-07	
110	2.39E-06	-8.09E-06	0.000733
1.33E-05	8.85E-05	2.63E-08	
111	2.44E-06	-7.54E-06	0.000268
1.36E-05	9.58E-05	2.06E-07	
112	2.51E-06	-6.88E-06	9.57E-09
1.36E-05	9.70E-05	2.64E-07	
113	2.63E-06	2.64E-07	-2.26E-09
-3.82E-06	2.80E-05	-1.05E-07	
114	2.07E-06	2.33E-06	-7.69E-05
-3.92E-06	2.76E-05	-1.10E-07	
115	2.15E-06	1.75E-06	-0.000210
-4.00E-06	2.56E-05	-1.27E-07	
116	2.24E-06	1.08E-06	-0.000329
-3.87E-06	2.20E-05	-1.47E-07	
117	2.34E-06	3.13E-07	-0.000427
-3.54E-06	1.70E-05	-1.64E-07	
118	2.45E-06	-5.17E-07	-0.000497
-2.99E-06	1.05E-05	-1.74E-07	
119	2.56E-06	-1.37E-06	-0.000531
-2.21E-06	2.39E-06	-1.73E-07	
120	2.66E-06	-2.19E-06	-0.000520
-1.22E-06	-7.36E-06	-1.59E-07	
121	2.74E-06	-2.91E-06	-0.000458
-8.46E-08	-1.82E-05	-1.33E-07	
122	2.81E-06	-3.48E-06	-0.000340
1.18E-06	-3.01E-05	-1.04E-07	
123	2.85E-06	-3.92E-06	-0.000161
2.51E-06	-4.24E-05	-8.22E-08	
124	2.88E-06	-4.19E-06	1.57E-08
3.43E-06	-5.05E-05	-7.10E-08	
125	2.89E-06	-4.41E-06	0.000187
4.34E-06	-5.76E-05	-5.22E-08	
126	2.88E-06	-4.55E-06	0.000490
5.47E-06	-6.62E-05	-1.10E-09	
127	2.85E-06	-4.38E-06	0.000810
6.16E-06	-6.43E-05	6.94E-08	
128	2.78E-06	-3.85E-06	0.001115
6.30E-06	-5.73E-05	1.44E-07	
129	2.68E-06	-2.97E-06	0.001364
5.85E-06	-4.20E-05	2.10E-07	
130	2.56E-06	-1.80E-06	0.001519
4.88E-06	-1.89E-05	2.62E-07	
131	2.44E-06	-4.11E-07	0.001539
3.42E-06	1.22E-05	2.99E-07	
132	2.31E-06	1.11E-06	0.001391
1.69E-06	4.84E-05	3.17E-07	
133	2.21E-06	2.65E-06	0.001056
-1.80E-07	8.06E-05	3.06E-07	
134	2.13E-06	4.04E-06	0.000510
-1.98E-06	0.000133	2.57E-07	
135	2.09E-06	4.83E-06	-4.31E-08
-2.96E-06	0.000163	1.99E-07	
136	2.08E-06	5.38E-06	-0.000611
-3.59E-06	0.000191	1.25E-07	
137	2.1E-06	5.72E-06	-0.001646
-4.00E-06	0.000228	2.28E-08	
138	2.17E-06	5.61E-06	-0.002838
-3.95E-06	0.000254	-5.48E-08	
139	2.27E-06	5.17E-06	-0.004125
-3.59E-06	0.000267	-1.12E-07	
140	2.43E-06	4.49E-06	-0.005441
-2.99E-06	0.000265	-1.54E-07	
141	2.61E-06	3.63E-06	-0.006712
-2.29E-06	0.000248	-1.84E-07	
142	2.83E-06	2.65E-06	-0.007858
-1.59E-06	0.000215	-2.01E-07	
143	3.07E-06	1.64E-06	-0.008808
-1.09E-06	0.000169	-2.11E-07	
144	3.31E-06	7.45E-07	-0.009510
-9.28E-07	0.000113	-1.55E-07	
145	3.56E-06	1.71E-07	-0.009911
-1.40E-06	4.88E-05	-6.46E-08	
146	3.73E-06	8.75E-08	-0.010000
-2.32E-06	3.17E-06	2.03E-08	
147	3.90E-06	3.01E-07	-0.009932
-3.85E-06	-4.26E-05	1.04E-07	
148	4.18E-06	1.05E-06	-0.009561
-6.81E-06	-0.000107	1.91E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	4.46E-06	2.10E-06	-0.008885
-9.99E-06	-0.000164	2.27E-07	
150	4.75E-06	3.23E-06	-0.007958
-1.30E-05	-0.000210	2.24E-07	
151	5.03E-06	4.29E-06	-0.006828
-1.55E-05	-0.000245	1.99E-07	
152	5.26E-06	5.18E-06	-0.005565
-1.72E-05	-0.000264	1.57E-07	
153	5.44E-06	5.84E-06	-0.004245
-1.80E-05	-0.000268	1.02E-07	
154	5.56E-06	6.20E-06	-0.002943
-1.78E-05	-0.000257	3.31E-08	
155	5.61E-06	6.17E-06	-0.001723
-1.66E-05	-0.000234	-5.52E-08	
156	5.60E-06	5.65E-06	-0.000647
-1.44E-05	-0.000200	-1.66E-07	
157	5.54E-06	4.95E-06	-3.93E-08
-1.23E-05	-0.000174	-2.45E-07	
158	5.45E-06	4.00E-06	0.000552
-9.76E-06	-0.000145	-3.06E-07	
159	5.26E-06	2.36E-06	0.001165
-5.54E-06	-0.000103	-3.59E-07	
160	5.04E-06	5.63E-07	0.001569
-1.28E-06	-6.21E-05	-3.73E-07	
161	4.80E-06	-1.24E-06	0.001781
2.67E-06	-2.48E-05	-3.61E-07	
162	4.55E-06	-2.93E-06	0.001817
6.17E-06	8.46E-06	-3.32E-07	
163	4.32E-06	-4.46E-06	0.001701
8.98E-06	3.62E-05	-2.89E-07	
164	4.11E-06	-5.73E-06	0.001462
1.11E-05	5.84E-05	-2.28E-07	
165	3.95E-06	-6.66E-06	0.001126
1.24E-05	7.52E-05	-1.48E-07	
166	3.84E-06	-7.15E-06	0.000719
1.30E-05	8.75E-05	-5.42E-08	
167	3.80E-06	-7.22E-06	0.000263
1.29E-05	9.46E-05	2.52E-08	
168	3.80E-06	-7.13E-06	7.76E-09
1.26E-05	9.57E-05	4.14E-08	
169	3.98E-06	3.30E-06	-1.52E-07
-3.59E-06	2.87E-05	3.00E-06	
170	4.01E-06	3.05E-06	-7.97E-05
-3.86E-06	2.84E-05	2.40E-06	
171	4.08E-06	2.53E-06	-0.000218
-3.99E-06	2.62E-05	2.63E-06	
172	4.16E-06	1.99E-06	-0.000340
-3.88E-06	2.24E-05	2.22E-06	
173	4.23E-06	1.37E-06	-0.000442
-3.56E-06	1.74E-05	1.71E-06	
174	4.30E-06	6.58E-07	-0.000513
-2.99E-06	1.07E-05	1.02E-06	
175	4.38E-06	-1.60E-07	-0.000547
-2.17E-06	2.33E-06	1.59E-07	
176	4.46E-06	-1.09E-06	-0.000536
-1.10E-06	-7.64E-06	-8.80E-07	
177	4.55E-06	-2.13E-06	-0.000471
1.95E-07	1.87E-05	-2.04E-06	
178	4.64E-06	-3.23E-06	-0.000348
1.67E-06	-3.08E-05	-3.33E-06	
179	4.74E-06	-4.30E-06	-0.000164
3.26E-06	-4.33E-05	-4.39E-06	
180	4.81E-06	-4.94E-06	1.90E-06
4.30E-06	-5.13E-05	-4.83E-06	
181	4.86E-06	-5.35E-06	0.000194
5.11E-06	-5.82E-05	-5.16E-06	
182	4.91E-06	-5.63E-06	0.000503
5.92E-06	-6.48E-05	-7.18E-06	
183	4.92E-06	-5.61E-06	0.000830
6.34E-06	-6.51E-05	-7.26E-06	
184	4.92E-06	-5.28E-06	0.001141
6.29E-06	-6.79E-05	-7.57E-06	
185	4.90E-06	-4.61E-06	0.001395
5.66E-06	-4.23E-05	-4.99E-06	
186	4.87E-06	-3.54E-06	0.001551
4.47E-06	-1.87E-05	-2.58E-06	
187	4.83E-06	-2.09E-06	0.001569
2.69E-06	1.29E-05	7.15E-07	
188	4.79E-06	-3.27E-06	0.001415
5.13E-07	4.94E-05	4.54E-06	
189	4.75E-06	1.54E-06	0.001071
-1.86E-06	9.01E-05	8.88E-06	
190	4.72E-06	3.35E-06	0.000515
-3.99E-06	0.000133	1.27E-05	
191	4.71E-06	4.48E-06	-1.15E-06
-5.06E-06	0.000163	1.44E-05	
192	4.70E-06	5.38E-06	-0.000616
-5.53E-06	0.000190	1.83E-05	
193	4.68E-06	6.11E-06	-0.001656
-5.52E-06	0.000226	2.36E-05	
194	4.65E-06	6.36E-06	-0.002851
-4.89E-06	0.000252	2.64E-05	
195	4.61E-06	6.20E-06	-0.004142
-3.99E-06	0.000265	2.78E-05	
196	4.55E-06	5.69E-06	-0.005461
-2.92E-06	0.000263	2.77E-05	
197	4.47E-06	4.89E-06	-0.006733
-1.71E-06	0.000246	2.60E-05	
198	4.37E-06	3.85E-06	-0.007877
-4.01E-07	0.000212	2.25E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	4.26E-06	2.70E-06	-0.008822
9.42E-07	0.000166	1.77E-05	
200	4.13E-06	1.66E-06	-0.009516
2.06E-06	0.000111	1.18E-05	
201	3.98E-06	9.93E-07	-0.009910
2.25E-06	4.74E-05	4.63E-06	
202	3.86E-06	9.27E-07	-0.009998
1.59E-06	3.14E-06	2.56E-07	
203	3.76E-06	1.18E-06	-0.009932
-1.38E-07	-4.12E-05	-4.08E-06	
204	3.66E-06	2.11E-06	-0.009569
-3.7E-06	-0.000105	-1.13E-05	
205	3.59E-06	4.38E-06	-0.008902
-7.82E-06	-0.000161	-1.72E-05	
206	3.54E-06	4.70E-06	-0.007981
-1.16E-05	-0.000208	-2.21E-05	
207	3.51E-06	5.87E-06	-0.006853
-1.48E-05	-0.000243	-2.58E-05	
208	3.48E-06	6.13E-06	-0.005589
-1.71E-05	-0.000262	-2.78E-05	
209	3.45E-06	7.22E-06	-0.004266
-1.84E-05	-0.000266	-2.81E-05	
210	3.41E-06	7.27E-06	-0.002960
-1.87E-05	-0.000256	-2.69E-05	
211	3.35E-06	6.84E-06	-0.001736
-1.81E-05	-0.000233	-2.40E-05	
212	3.28E-06	5.85E-06	-0.000654
-1.63E-05	-0.000200	-1.94E-05	
213	3.20E-06	4.71E-06	-1.24E-06
-1.44E-05	-0.000174	-1.55E-05	
214	3.12E-06	3.32E-06	0.000559
-1.18E-05	-0.000146	-1.40E-05	
215	2.98E-06	1.17E-06	0.001184
-7.34E-06	-0.000104	-1.05E-05	
216	2.78E-06	-1.21E-06	0.001600
-2.60E-06	-6.34E-05	-6.12E-06	
217	2.60E-06	-3.39E-06	0.001821
1.82E-06	-2.58E-05	-2.17E-06	
218	2.43E-06	-5.25E-06	0.001860
5.65E-06	8.26E-06	1.36E-06	
219	2.30E-06	-6.69E-06	0.001744
8.68E-06	3.64E-05	4.27E-06	
220	2.19E-06	-7.70E-06	0.001501
1.09E-05	5.91E-05	6.59E-06	
221	2.10E-06	-8.34E-06	0.001157
1.23E-05	7.63E-05	8.32E-06	
222	2.02E-06	-8.72E-06	0.000740
1.30E-05	8.90E-05	9.72E-06	
223	1.94E-06	-9.01E-06	0.000272
1.30E-05	9.63E-05	8.86E-06	
224	1.92E-06	-9.05E-06	1.81E-06
1.25E-05	9.74E-05	1.10E-05	
225	2.84E-06	2.71E-06	-1.28E-08
-3.39E-06	2.83E-05	-2.75E-06	
226	2.87E-06	2.52E-06	-7.79E-05
-3.77E-06	2.79E-05	2.19E-06	
227	2.93E-06	2.03E-06	-0.000213
-3.97E-06	2.58E-05	2.41E-06	
228	3.01E-06	1.41E-06	-0.000333
-3.86E-06	2.21E-05	2.01E-06	
229	3.09E-06	6.93E-07	-0.000432
-3.52E-06	1.72E-05	1.51E-06	
230	3.18E-06	-1.04E-07	-0.000503
-2.94E-06	1.06E-05	8.26E-07	
231	3.27E-06	-9.49E-07	-0.000537
-2.10E-06	2.40E-06	-3.28E-08	
232	3.36E-06	-1.80E-06	-0.000526
-1.02E-06	-7.40E-06	-1.08E-06	
233	3.44E-06	-2.59E-06	-0.000463
2.37E-07	-1.83E-05	-2.25E-06	
234	3.50E-06	-3.24E-06	-0.000344
1.59E-06	-3.02E-05	-3.57E-06	
235	3.54E-06	-3.70E-06	-0.000163
2.95E-06	-4.25E-05	-4.58E-06	
236	3.56E-06	-3.98E-06	-1.30E-06
3.82E-06	-5.08E-05	-4.98E-06	
237	3.58E-06	-4.38E-06	0.000188
4.87E-06	-5.79E-05	-6.08E-06	
238	3.60E-06	-4.75E-06	0.000493
5.90E-06	-6.43E-05	-7.29E-06	
239	3.60E-06	-4.75E-06	0.000816
6.40E-06	-7.06E-05	-8.38E-06	
240	3.56E-06	-4.33E-06	0.001123
6.34E-06	-5.75E-05	-6.72E-06	
241	3.51E-06	-3.54E-06	0.001375
5.70E-06	-4.22E-05	-5.15E-06	
242	3.44E-06	-2.43E-06	0.001530
4.48E-06	-1.89E-05	-2.75E-06	
243	3.37E-06	-1.15E-06	0.001550
2.70E-06	1.23E-05	5.14E-07	
244	3.30E-06	5.33E-07	0.001401
5.35E-07	4.86E-05	4.31E-06	
245	3.24E-06	2.23E-06	0.001063
-1.83E-06	8.92E-05	8.63E-06	
246	3.20E-06	3.87E-06	0.000514
-4.11E-06	0.000133	1.24E-05	
247	3.18E-06	4.85E-06	1.38E-06
-5.34E-06	0.000163	1.42E-05	
248	3.17E-06	5.48E-06	-0.000611
-5.67E-06	0.000191	1.82E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	3.20E-06	5.82E-06	-0.001648
-5.54E-06	0.000227	2.36E-05	
250	3.24E-06	5.80E-06	-0.002841
-4.92E-06	0.000253	2.63E-05	
251	3.29E-06	5.48E-06	-0.004130
-4.01E-06	0.000266	2.78E-05	
252	3.36E-06	4.91E-06	-0.005448
-2.92E-06	0.000265	2.77E-05	
253	3.42E-06	4.12E-06	-0.006720
-1.69E-06	0.000247	2.59E-05	
254	3.49E-06	3.19E-06	-0.007866
-3.82E-07	0.000214	2.25E-05	
255	3.56E-06	2.17E-06	-0.008815
9.56E-07	0.000169	1.78E-05	
256	3.63E-06	1.15E-06	-0.009515
2.06E-06	0.000113	1.20E-05	
257	3.69E-06	3.38E-07	-0.009914
2.46E-06	4.82E-05	4.72E-06	
258	3.75E-06	1.45E-07	-0.010003
2.05E-06	3.09E-06	2.59E-07	
259	3.82E-06	4.94E-07	-0.009936
4.29E-08	7.58E-05	-4.17E-06	
260	3.94E-06	1.51E-06	-0.009567
-3.80E-06	-0.000107	-1.14E-05	
261	4.06E-06	2.71E-06	-0.008894
-7.92E-06	-0.000163	-1.73E-05	
262	4.18E-06	3.87E-06	-0.007968
-1.17E-05	-0.000210	-2.21E-05	
263	4.30E-06	4.90E-06	-0.006837
-1.49E-05	-0.000244	-2.57E-05	
264	4.40E-06	5.72E-06	-0.005573
-1.71E-05	-0.000264	-2.77E-05	
265	4.48E-06	6.27E-06	-0.004252
-1.84E-05	-0.000267	-2.80E-05	
266	4.54E-06	6.50E-06	-0.002947
-1.88E-05	-0.000257	-2.68E-05	
267	4.56E-06	6.36E-06	-0.001726
-1.82E-05	-0.000234	-2.43E-05	
268	4.55E-06	5.82E-06	-0.000647
-1.65E-05	-0.000200	-1.92E-05	
269	4.50E-06	5.02E-06	1.32E-06
-1.47E-05	-0.000174	-1.53E-05	
270	4.44E-06	3.84E-06	0.000556
-1.19E-05	-0.000146	-1.37E-05	
271	4.24E-06	1.91E-06	0.001174
-7.23E-06	-0.000103	-1.01E-05	
272	4.06E-06	-1.07E-07	0.001581
-2.50E-06	-6.24E-05	-5.75E-06	
273	3.87E-06	-2.02E-06	0.001796
1.89E-06	-2.50E-05	-1.82E-06	
274	3.68E-06	-3.75E-06	0.001832
5.70E-06	8.42E-06	1.69E-06	
275	3.51E-06	-5.24E-06	0.001716
8.74E-06	3.63E-05	4.59E-06	
276	3.37E-06	-6.43E-06	0.001475
1.10E-05	5.72E-05	6.98E-06	
277	3.26E-06	-7.27E-06	0.001136
1.24E-05	7.56E-05	8.61E-06	
278	3.21E-06	-7.62E-06	0.000726
1.31E-05	8.80E-05	9.93E-06	
279	3.24E-06	-7.40E-06	0.000265
1.27E-05	9.54E-05	8.99E-06	
280	3.30E-06	-6.91E-06	-9.38E-07
1.16E-05	9.66E-05	1.11E-05	
281	-2.74E-05	2.02E-24	.000000
-3.41E-06	2.90E-05	-1.45E-07	
282	6.73E-05	1.14E-22	.000000
4.63E-06	-5.15E-05	-1.78E-07	
283	-0.000190	.000000	.000000
-3.16E-06	0.000203	3.18E-07	
284	.000000	.000000	-0.010000
-1.93E-06	3.23E-06	2.89E-08	
285	0.000212	-2.40E-22	.000000
-3.48E-06	-0.000175	-3.98E-07	
286	-0.000106	2.87E-23	.000000
1.01E-05	9.85E-05	-3.39E-07	
287	-2.78E-05	-7.42E-23	.000000
-2.39E-06	2.86E-05	-4.65E-08	
288	6.56E-05	9.60E-23	.000000
3.38E-06	-5.11E-05	-1.27E-07	
289	-0.000191	.000000	.000000
-4.21E-06	0.000163	2.64E-07	
290	0.000213	.000000	-0.010000
2.98E-08	3.15E-06	2.47E-08	
291	0.000213	2.43E-22	.000000
-4.53E-06	-0.000174	-3.28E-07	
292	-0.000104	3.77E-22	.000000
6.06E-06	9.77E-05	2.64E-07	
293	-2.88E-05	1.01E-06	.000000
-1.22E-06	2.96E-05	-2.59E-07	
294	6.33E-05	-5.39E-06	.000000
-8.08E-07	-5.06E-05	-7.10E-08	
295	-0.000192	2.34E-05	.000000
1.57E-05	0.000162	1.99E-07	
296	-5.43E-24	-2.70E-06	-0.010000
-2.40E-06	3.10E-06	2.03E-08	
297	0.000213	2.59E-05	.000000
1.68E-05	-0.000173	-2.45E-07	
298	-0.000101	-7.07E-06	.000000
-4.72E-07	9.65E-05	4.14E-08	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P5 ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000177	2.86E-06	5.88E-10
-3.67E-07	-7.96E-06	2.73E-07	
2	0.000177	3.57E-06	2.17E-05
-1.99E-08	-7.85E-06	2.20E-07	
3	0.000177	4.21E-06	5.94E-05
2.60E-07	-7.27E-06	4.07E-08	
4	0.000177	4.08E-06	9.32E-05
3.63E-07	-6.25E-06	-7.58E-08	
5	0.000177	3.66E-06	0.000121
3.49E-07	-4.87E-06	-1.11E-07	
6	0.000177	3.06E-06	0.000141
2.27E-07	-3.03E-06	-1.02E-07	
7	0.000177	2.60E-06	0.000151
-5.24E-09	-7.49E-07	-8.64E-08	
8	0.000177	2.17E-06	0.000148
-3.56E-07	1.90E-06	-9.66E-08	
9	0.000177	1.57E-06	0.000130
-8.30E-07	5.03E-06	-1.57E-07	
10	0.000177	5.53E-07	9.66E-05
-1.47E-06	8.34E-06	-2.52E-07	
11	0.000177	-7.60E-07	4.57E-05
-2.34E-06	1.18E-05	-2.39E-07	
12	0.000178	-1.24E-06	-4.85E-09
-3.16E-06	1.40E-05	1.76E-08	
13	0.000178	-6.38E-07	-5.33E-05
-2.90E-06	1.61E-05	2.70E-07	
14	0.000178	7.96E-07	-0.000139
-2.74E-06	1.79E-05	2.66E-07	
15	0.000178	1.82E-06	-0.000230
-2.66E-06	1.80E-05	1.42E-07	
16	0.000178	2.26E-06	-0.000317
-2.53E-06	1.60E-05	4.09E-08	
17	0.000178	2.30E-06	-0.000387
-2.29E-06	1.17E-05	-2.12E-08	
18	0.000178	2.09E-06	-0.000430
-1.94E-06	5.14E-06	-6.21E-08	
19	0.000178	1.69E-06	-0.000435
-1.45E-06	-3.58E-06	-9.79E-08	
20	0.000178	1.12E-06	-0.000393
-8.63E-07	-1.37E-05	-1.33E-07	
21	0.000178	3.78E-07	-0.000297
-1.88E-07	-2.49E-05	-1.66E-07	
22	0.000178	-5.25E-07	-0.000143
5.46E-07	-3.69E-05	-1.98E-07	
23	0.000178	-1.25E-06	1.52E-08
1.05E-06	-4.50E-05	-2.23E-07	
24	0.000178	-2.06E-06	0.000170
1.49E-06	-5.21E-05	-2.39E-07	
25	0.000178	-3.25E-06	0.000449
2.09E-06	-5.90E-05	-2.51E-07	
26	0.000179	-4.37E-06	0.000749
2.59E-06	-6.00E-05	-2.11E-07	
27	0.000179	-5.32E-06	0.001036
2.98E-06	-5.39E-05	-1.68E-07	
28	0.000179	-6.01E-06	0.001273
3.25E-06	-3.99E-05	-1.10E-07	
29	0.000179	-6.36E-06	0.001422
3.43E-06	-1.83E-05	-4.33E-08	
30	0.000179	-6.45E-06	0.001443
3.55E-06	1.09E-05	1.67E-08	
31	0.000179	-6.27E-06	0.001305
3.66E-06	4.49E-05	4.95E-08	
32	0.000179	-6.04E-06	0.000989
3.89E-06	8.25E-05	4.11E-08	
33	0.000179	-5.92E-06	0.000476
4.37E-06	0.000123	9.94E-09

2.14E-06	-5.85E-05	-1.74E-07	
82	0.000180	-3.70E-06	0.000738
2.54E-06	-5.95E-05	-1.60E-07	
83	0.000180	-4.42E-06	0.001022
2.79E-06	-4.38E-05	-1.38E-07	
84	0.000180	-4.98E-06	0.001256
2.89E-06	-3.97E-05	-9.40E-08	
85	0.000180	-5.33E-06	0.001403
2.85E-06	-1.84E-05	-4.98E-08	
86	0.000180	-5.47E-06	0.001426
2.72E-06	1.05E-05	-4.26E-09	
87	0.000180	-5.38E-06	0.001291
2.58E-06	4.42E-05	3.93E-08	
88	0.000180	-5.10E-06	0.000981
2.62E-06	8.19E-05	7.29E-08	
89	0.000180	-4.76E-06	0.000474
3.11E-06	0.000123	6.14E-08	
90	0.000180	-4.68E-06	-3.50E-08
3.90E-06	0.000150	-3.06E-08	
91	0.000180	-5.01E-06	-0.000566
4.73E-06	0.000176	-1.40E-07	
92	0.000180	-5.92E-06	-0.001528
6.54E-06	0.000211	-2.01E-07	
93	0.000180	-6.99E-06	-0.002642
8.46E-06	0.000236	-2.16E-07	
94	0.000180	-8.11E-06	-0.003855
1.02E-05	0.000251	-2.18E-07	
95	0.000180	-9.21E-06	-0.005112
1.15E-05	0.000253	-2.09E-07	
96	0.000180	-1.02E-05	-0.006345
1.22E-05	0.000241	-1.85E-07	
97	0.000180	-1.11E-05	-0.007486
1.22E-05	0.000216	-1.43E-07	
98	0.000180	-1.17E-05	-0.008470
1.14E-05	0.000179	-8.61E-08	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000180	-1.20E-05	-0.009252
9.59E-06	0.000133	-6.08E-09	
100	0.000180	-1.17E-05	-0.009785
6.49E-06	8.09E-05	1.52E-07	
101	0.000180	-1.08E-05	-0.010000
3.43E-06	4.32E-05	3.85E-07	
102	0.000180	-9.03E-06	-0.010085
8.77E-08	5.04E-06	6.08E-07	
103	0.000181	-5.68E-06	-0.009966
-6.27E-06	-5.32E-05	7.25E-07	
104	0.000181	-2.21E-06	-0.009557
-1.32E-05	-0.000109	7.42E-07	
105	0.000182	1.60E-06	-0.008881
-2.00E-05	-0.000161	7.18E-07	
106	0.000182	5.06E-06	-0.007959
-2.63E-05	-0.000207	6.73E-07	
107	0.000182	8.26E-06	-0.006824
-3.18E-05	-0.000246	6.14E-07	
108	0.000183	1.11E-05	-0.005516
-3.63E-05	-0.000277	5.29E-07	
109	0.000183	1.34E-05	-0.004071
-4.00E-05	-0.000300	3.51E-07	
110	0.000183	1.43E-05	-0.002526
-4.31E-05	-0.000317	1.36E-08	
111	0.000183	1.25E-05	-0.000911
-4.60E-05	-0.000327	-7.20E-07	
112	0.000183	1.01E-05	-1.49E-08
-4.77E-05	-0.000328	-9.41E-07	
113	0.000180	7.10E-06	2.81E-10
3.75E-07	-7.78E-06	-2.46E-07	
114	0.000180	6.44E-06	2.11E-05
5.13E-07	-7.68E-06	-2.39E-07	
115	0.000180	5.35E-06	5.79E-05
7.20E-07	-7.10E-06	-2.03E-07	
116	0.000180	4.47E-06	9.08E-05
7.88E-07	-6.09E-06	-1.55E-07	
117	0.000180	3.82E-06	0.000118
7.39E-07	-4.71E-06	-1.17E-07	
118	0.000180	3.31E-06	0.000137
5.93E-07	-2.90E-06	-9.03E-08	
119	0.000180	2.93E-06	0.000146
3.57E-07	-6.42E-07	-6.44E-08	
120	0.000180	2.70E-06	0.000143
1.90E-08	2.04E-06	-2.74E-08	
121	0.000180	2.67E-06	0.000126
-4.25E-07	5.01E-06	1.77E-08	
122	0.000180	2.84E-06	9.30E-05
-9.88E-07	8.21E-06	4.63E-08	
123	0.000180	3.04E-06	4.39E-05
-1.63E-06	1.15E-05	2.56E-08	
124	0.000180	3.08E-06	-5.40E-09
-1.99E-06	1.37E-05	-1.96E-08	
125	0.000180	2.91E-06	-5.12E-05
-2.15E-06	1.57E-05	-6.74E-08	
126	0.000180	2.47E-06	-0.000134
-2.22E-06	1.74E-05	-9.94E-08	
127	0.000180	2.00E-06	-0.000221
-2.23E-06	1.85E-05	-8.77E-08	
128	0.000180	1.63E-06	-0.000304
-2.17E-06	1.56E-05	-6.39E-08	
129	0.000180	1.35E-06	-0.000372
-2.01E-06	1.14E-05	-5.25E-08	
130	0.000180	1.08E-06	-0.000414
-1.72E-06	5.07E-06	-5.91E-08	
131	0.000180	7.46E-07	-0.000419
-1.30E-06	-3.39E-06	-7.79E-08	
132	0.000180	3.07E-07	-0.000378
-7.71E-07	-1.32E-05	-1.01E-07	
133	0.000180	-2.41E-07	-0.000287
-1.47E-07	-2.42E-05	-1.21E-07	
134	0.000180	-8.74E-07	-0.000138
5.46E-07	-3.03E-05	-1.35E-07	
135	0.000180	-1.35E-06	1.61E-08
1.02E-06	-4.41E-05	-1.39E-07	
136	0.000180	-1.82E-06	0.000165
1.47E-06	-5.12E-05	-1.36E-07	
137	0.000180	-2.46E-06	0.000436
2.08E-06	-5.85E-05	-1.25E-07	
138	0.000180	-3.04E-06	0.000727
2.58E-06	-5.90E-05	-1.11E-07	
139	0.000180	-3.54E-06	0.001007
2.97E-06	-5.32E-05	-9.21E-08	
140	0.000180	-3.93E-06	0.001238
3.26E-06	-3.96E-05	-6.97E-08	
141	0.000180	-4.23E-06	0.001384
3.45E-06	-1.85E-05	-4.55E-08	
142	0.000180	-4.38E-06	0.001408
3.59E-06	1.01E-05	-2.24E-08	
143	0.000180	-4.45E-06	0.001277
3.77E-06	4.36E-05	-7.16E-09	
144	0.000180	-4.49E-06	0.000971
4.05E-06	8.12E-05	1.05E-08	
145	0.000180	-4.61E-06	0.000470
4.58E-06	0.000122	-4.17E-08	
146	0.000180	-4.83E-06	-3.92E-08
5.21E-06	0.000150	-8.31E-08	
147	0.000180	-5.21E-06	-0.000564
6.12E-06	0.000177	-1.36E-07	
148	0.000180	-6.08E-06	-0.001525
7.73E-06	0.000212	-2.02E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000180	-7.20E-06	-0.002637
9.31E-06	0.000237	-2.37E-07	
150	0.000180	-8.42E-06	-0.003850
1.06E-05	0.000252	-2.45E-07	
151	0.000180	-9.63E-06	-0.005105
1.14E-05	0.000254	-2.31E-07	
152	0.000181	-1.07E-05	-0.006338
1.16E-05	0.000243	-1.97E-07	
153	0.000181	-1.16E-05	-0.007479
1.10E-05	0.000217	-1.43E-07	
154	0.000181	-1.22E-05	-0.008466
9.63E-06	0.000181	-6.31E-08	
155	0.000181	-1.22E-05	-0.009250
7.36E-06	0.000135	5.28E-08	
156	0.000182	-1.16E-05	-0.009786
4.02E-06	8.13E-05	2.13E-07	
157	0.000182	-1.07E-05	-0.010000
1.09E-06	4.30E-05	3.39E-07	
158	0.000182	-9.34E-06	-0.010081
-2.55E-06	3.27E-05	4.48E-07	
159	0.000183	-6.77E-06	-0.009953
-8.83E-06	-5.52E-05	5.88E-07	
160	0.000183	-3.70E-06	-0.009535
-1.53E-05	-0.000111	6.63E-07	
161	0.000184	-3.79E-07	-0.008852
-2.16E-05	-0.000163	6.93E-07	
162	0.000185	3.01E-06	-0.007926
-2.73E-05	-0.000209	6.88E-07	
163	0.000185	6.27E-06	-0.006792
-3.20E-05	-0.000247	6.37E-07	
164	0.000186	9.12E-06	-0.005486
-3.58E-05	-0.000277	5.12E-07	
165	0.000186	1.11E-05	-0.004047
-3.85E-05	-0.000301	2.87E-07	
166	0.000186	1.18E-05	-0.002509
-4.00E-05	-0.000318	-1.34E-08	
167	0.000186	1.11E-05	-0.000904
-4.03E-05	-0.000327	-2.73E-07	
168	0.000186	1.02E-05	-1.04E-08
-3.99E-05	-0.000329	-3.35E-07	
169	0.000179	4.56E-07	2.72E-06
1.28E-06	-7.53E-06	3.19E-07	
170	0.000179	4.90E-06	2.38E-05
1.08E-06	-7.53E-06	2.46E-07	
171	0.000179	4.60E-06	6.08E-05
8.79E-07	-7.09E-06	3.54E-07	
172	0.000179	4.17E-06	9.40E-05
7.85E-07	-6.12E-06	4.56E-07	
173	0.000179	3.65E-06	0.000121
6.99E-07	-4.77E-06	5.87E-07	
174	0.000179	3.15E-06	0.000141
5.62E-07	-2.97E-06	7.57E-07	
175	0.000179	2.68E-06	0.000151
3.67E-07	-7.23E-07	9.73E-07	
176	0.000179	2.26E-06	0.000148
1.20E-07	1.98E-06	1.24E-06	
177	0.000179	1.85E-06	0.000131
-1.37E-07	4.98E-06	1.55E-06	
178	0.000179	1.42E-06	9.78E-05
-3.53E-07	8.30E-06	1.91E-06	
179	0.000179	1.01E-06	4.83E-05
-4.90E-07	1.15E-05	2.07E-06	
180	0.000179	8.91E-07	4.01E-06
-7.02E-07	1.41E-05	2.10E-06	
181	0.000179	1.09E-06	-4.98E-05
-1.17E-06	1.64E-05	2.42E-06	
182	0.000179	1.49E-06	-0.000136
-1.77E-06	1.72E-05	2.72E-06	
183	0.000179	1.84E-06	-0.000226
-2.02E-06	1.80E-05	2.71E-06	
184	0.000179	2.02E-06	-0.000312
-2.11E-06	1.60E-05	2.48E-06	
185	0.000179	2.02E-06	-0.000382
-2.00E-06	1.17E-05	2.02E-06	
186	0.000179	1.83E-06	-0.000426
-1.72E-06	5.16E-06	1.32E-06	
187	0.000179	1.46E-06	-0.000431
-1.27E-06	-3.51E-06	3.79E-07	
188	0.000179	9.24E-07	-0.000389
-6.76E-07	-1.36E-05	-6.97E-07	
189	0.000179	2.20E-06	-0.000295
1.75E-08	-2.47E-05	-1.91E-06	
190	0.000179	-6.35E-07	-0.000142
7.51E-07	-3.67E-05	-3.00E-06	
191	0.000179	-1.32E-06	1.34E-07
1.27E-06	-4.48E-05	-3.53E-06	
192	0.000179	-2.04E-06	0.000169
1.72E-06	-5.10E-05	-4.13E-06	
193	0.000179	-3.06E-06	0.000446
2.23E-06	-5.87E-05	-5.64E-06	
194	0.000179	-4.03E-06	0.000743
2.61E-06	-5.97E-05	-5.78E-06	
195	0.000179	-4.86E-06	0.001029
2.87E-06	-5.37E-05	-5.52E-06	
196	0.000179	-5.48E-06	0.001264
3.00E-06	-3.98E-05	-3.83E-06	
197	0.000179	-5.83E-06	0.001412
2.98E-06	-1.83E-05	-1.65E-06	
198	0.000180	-5.91E-06	0.001433
2.81E-06	1.08E-05	1.36E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000180	-5.76E-06	0.001297
2.51E-06	4.46E-05	4.87E-06	
200	0.000180	-5.50E-06	0.000983
2.24E-06	8.23E-05	8.88E-06	
201	0.000180	-5.28E-06	0.000474
2.43E-06	0.000123	1.23E-05	
202	0.000180	-5.23E-06	-1.13E-06
3.04E-06	0.000150	1.38E-05	
203	0.000180	-5.34E-06	-0.000568
4.20E-06	0.000176	1.76E-05	
204	0.000180	-5.94E-06	-0.001531
6.22E-06	0.000210	2.28E-05	
205	0.000179	-6.83E-06	-0.002644
8.34E-06	0.000236	2.55E-05	
206	0.000179	-7.86E-06	-0.003858
1.01E-05	0.000250	2.72E-05	
207	0.000179	-8.96E-06	-0.005115
1.14E-05	0.000252	2.76E-05	
208	0.000179	-1.00E-05	-0.006348
1.20E-05	0.000241	2.64E-05	
209	0.000179	-1.09E-05	-0.007488
1.20E-05	0.000215	2.38E-05	
210	0.000179	-1.15E-05	-0.008470
1.14E-05	0.000178	2.00E-05	
211	0.000178	-1.16E-05	-0.009250
1.00E-05	0.000133	1.52E-05	
212	0.000178	-1.09E-05	-0.009782
7.43E-06	8.07E-05	8.93E-06	
213	0.000178	-9.68E-06	-0.009998
4.80E-06	4.33E-05	4.93E-06	
214	0.000178	-8.00E-06	-0.010085
1.06E-06	5.55E-06	1.59E-06	
215	0.000178	-4.82E-06	-0.009970
-5.60E-06	-5.20E-05	-4.54E-06	
216	0.000179	-1.92E-05	-0.009566
-1.29E-05	-0.000108	-1.04E-05	
217	0.000179	2.63E-06	-0.008894
-1.98E-05	-0.000160	-1.58E-05	
218	0.000179	6.16E-06	-0.007974
-2.60E-05	-0.000206	-2.06E-05	
219	0.000179	9.25E-06	-0.006840
-3.11E-05	-0.000245	-2.45E-05	
220	0.000180	1.18E-05	-0.005530
-3.52E-05	-0.000276	-2.76E-05	
221	0.000180	1.41E-05	-0.004084
-3.82E-05	-0.000300	-2.99E-05	
222	0.000180	1.63E-05	-0.002537
-4.06E-05	-0.000317	-3.20E-05	
223	0.000181	1.89E-05	-0.000922
-4.27E-05	-0.000326	-2.79E-05	
224	0.000181	2.01E-05	-1.20E-05
-4.40E-05	-0.000327	-3.45E-05	
225	0.000180	7.33E-06	-1.91E-06
5.98E-07	-8.04E-06	-7.74E-07	
226	0.000180	6.43E-06	2.01E-05
9.69E-07	-7.87E-06	-6.85E-07	
227	0.000180	5.27E-06	5.78E-05
1.14E-06	-7.17E-06	-7.50E-07	
228	0.000180	4.43E-06	9.12E-05
1.07E-06	-6.12E-06	-6.79E-07	
229	0.000180	3.82E-06	0.000119
9.36E-07	-4.73E-06	-5.50E-07	
230	0.000180	3.32E-06	0.000138
7.64E-07	-2.89E-06	-3.64E-07	
231	0.000180	2.91E-06	0.000147
5.65E-07	-6.13E-07	-1.31E-07	
232	0.000180	2.62E-06	0.000144
3.27E-07	2.12E-06	1.39E-07	
233	0.000180	2.54E-06	0.000126
2.46E-08	5.16E-06	4.22E-07	
234	0.000180	2.77E-06	9.26E-05
-4.16E-07	8.44E-06	7.22E-07	
235	0.000180	3.24E-06	4.22E-05
-1.11E-06	1.19E-05	1.00E-06	
236	0.000180	3.45E-06	-2.81E-06
-1.77E-06	1.38E-05	1.19E-06	
237	0.000180	3.12E-06	-5.38E-05
-1.62E-06	1.55E-05	1.55E-06	
238	0.000180	2.52E-06	-0.000136
-1.66E-06	1.74E-05	1.88E-06	
239	0.000180	2.06E-06	-0.000224
-1.80E-06	1.76E-05	1.85E-06	
240	0.000180	1.79E-06	-0.000307
-1.89E-06	1.45E-05	1.65E-06	
241	0.000180	1.60E-06	-0.000376
-1.83E-06	1.14E-05	1.22E-06	
242	0.000180	1.36E-06	-0.000418
-1.60E-06	5.09E-06	5.80E-07	
243	0.000180	1.02E-06	-0.000423
-1.18E-06	-3.44E-06	-2.90E-07	
244	0.000180	5.43E-07	-0.000382
-6.30E-07	-1.33E-05	-1.30E-06	
245	0.000180	-6.82E-08	-0.000290
2.20E-08	-2.44E-05	-2.45E-06	
246	0.000180	-7.93E-07	-0.000140
7.50E-07	-3.63E-05	-3.45E-06	
247	0.000180	-1.35E-06	-1.23E-07
1.28E-06	-4.43E-05	-3.92E-06	
248	0.000180	-1.91E-06	0.000166
1.72E-06	-5.14E-05	-4.93E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000180	-2.66E-06	0.000439
2.22E-06	-5.82E-05	-6.04E-06	
250	0.000180	-3.37E-06	0.000732
2.61E-06	-5.93E-05	-6.14E-06	
251	0.000180	-3.99E-06	0.001014
2.88E-06	-5.34E-05	-5.54E-06	
252	0.000180	-4.48E-06	0.001248
3.00E-06	-3.97E-05	-4.11E-06	
253	0.000180	-4.82E-06	0.001394
2.97E-06	-1.85E-05	-1.90E-06	
254	0.000180	-4.99E-06	0.001418
2.82E-06	1.02E-05	1.11E-06	
255	0.000180	-5.00E-06	0.001285
2.57E-06	4.38E-05	4.64E-06	
256	0.000180	-4.90E-06	0.000977
2.37E-06	8.15E-05	8.66E-06	
257	0.000180	-4.81E-06	0.000473
2.47E-06	0.000122	1.21E-05	
258	0.000180	-4.86E-06	1.44E-06
2.85E-06	0.000150	1.38E-05	
259	0.000180	-5.19E-06	-0.000564
4.04E-06	0.000177	1.75E-05	
260	0.000180	-6.08E-06	-0.001525
6.19E-06	0.000179	2.20E-05	
261	0.000180	-7.16E-06	-0.002639
8.34E-06	0.000237	2.53E-05	
262	0.000180	-8.30E-06	-0.003852
1.02E-05	0.000252	2.69E-05	
263	0.000180	-9.42E-06	-0.005109
1.15E-05	0.000254	2.72E-05	
264	0.000180	-1.04E-05	-0.006342
1.21E-05	0.000242	2.60E-05	
265	0.000181	-1.13E-05	-0.007484
1.21E-05	0.000217	2.33E-05	
266	0.000181	-1.18E-05	-0.008470
1.15E-05	0.000180	1.95E-05	
267	0.000181	-1.19E-05	-0.009254
1.02E-05	0.000134	1.46E-05	
268	0.000181	-1.15E-05	-0.009788
7.70E-06	8.07E-05	8.23E-06	
269	0.000181	-1.06E-05	-0.010002
5.21E-06	4.29E-05	4.15E-06	
270	0.000181	-9.02E-06	-0.010086
1.14E-06	4.21E-06	6.16E-07	
271	0.000182	-6.80E-06	-0.009962
-5.90E-06	-5.44E-05	-5.72E-06	
272	0.000182	-2.72E-06	-0.009548
-1.32E-05	-0.000111	-1.17E-05	
273	0.000183	7.25E-07	-0.008868
-2.02E-05	-0.000162	-1.71E-05	
274	0.000183	4.11E-06	-0.007944
-2.65E-05	-0.000208	-2.19E-05	
275	0.000183	7.31E-06	-0.006808
-3.18E-05	-0.000246	-2.59E-05	
276	0.000184	1.01E-05	-0.005500
-3.61E-05	-0.000277	-2.90E-05	
277	0.000184	1.22E-05	-0.004057
-3.94E-05	-0.000300	-3.12E-05	
278	0.000184	1.29E-05	-0.002515
-4.17E-05	-0.000318	-3.31E-05	
279	0.000184	1.16E-05	-0.000902
-4.23E-05	-0.000328	-2.87E-05	
280	0.000184	9.60E-06	8.40E-06
-4.11E-05	-0.000330	-3.54E-05	
281	0.000181	1.57E-22	.000000
-4.74E-07	-7.95E-06	2.73E-07	
282	0.000161	-2.65E-22	.000000
-3.60E-06	1.39E-05	1.76E-08	
283	0.000232	.000000	.000000
1.05E-06	-4.50E-05	-2.23E-07	
284	.000000	.000000	.000000
1.03E-06	0.000180	9.91E-09	
285	0.000124	-1.91E-22	-0.010000
-6.83E-07	4.38E-05	4.29E-07	
286	0.000538	1.43E-21	.000000
-2.99E-05	-0.000330	1.86E-06	
287	0.000189	-1.06E-21	.000000
1.78E-06	-7.81E-06	-3.65E-07	
288	0.000163	2.66E-22	.000000
9.93E-07	1.41E-05	-2.08E-09	
289	0.000234	.000000	.000000
1.14E-06	-4.45E-05	-1.83E-07	
290	.000000	.000000	.000000
-5.11E-10	0.000150	-3.06E-08	
291	0.000129	2.44E-22	-0.010000
1.18E-06	4.33E-05	3.85E-07	
292	0.000546	-1.21E-21	.000000
-2.21E-05	-0.000331	-9.41E-07	
293	0.000188	-9.47E-06	.000000
-3.27E-07	-7.78E-06	-2.46E-07	
294	0.000163	-1.30E-05	.000000
-8.37E-07	1.89E-05	1.08E-05	
295	0.000232	-2.69E-05	.000000
-4.05E-06	-4.39E-05	-1.39E-07	
296	5.10E-24	1.42E-06	.000000
1.31E-06	0.000150	-8.31E-08	
297	0.000130	1.24E-05	-0.010000
-6.07E-06	4.25E-05	3.39E-07	
298	0.000547	4.08E-05	.000000
4.93E-06	-0.000331	-3.35E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -P6 ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-3.18E-05	-5.14E-07	-1.06E-10
6.57E-08	1.43E-06	-4.79E-08	
2	-3.18E-05	-6.37E-07	-3.90E-06
3.38E-09	1.41E-06	-3.82E-08	
3	-3.18E-05	-7.46E-07	-1.07E-05
-4.69E-08	1.31E-06	-6.15E-09	
4	-3.18E-05	-7.19E-07	-1.68E-05
-6.53E-08	1.12E-06	1.46E-08	
5	-3.18E-05	-6.27E-07	-2.18E-05
-6.28E-08	8.75E-07	2.07E-08	
6	-3.18E-05	-5.28E-07	-2.54E-05
-4.08E-08	5.45E-07	1.88E-08	
7	-3.18E-05	-4.44E-07	-2.71E-05
9.59E-10	1.35E-07	1.57E-08	
8	-3.18E-05	-3.66E-07	-2.66E-05
6.40E-08	-3.57E-07	1.71E-08	
9	-3.19E-05	-2.60E-07	-2.34E-05
1.49E-07	-9.04E-07	2.75E-08	
10	-3.19E-05	-8.33E-08	-1.74E-05
2.64E-07	-1.50E-06	4.39E-08	
11	-3.19E-05	1.44E-07	-8.22E-06
4.21E-07	-2.12E-06	4.10E-08	
12	-3.19E-05	2.23E-07	8.72E-10
5.68E-07	-2.52E-06	-5.65E-09	
13	-3.19E-05	2.75E-07	9.59E-06
5.20E-07	-2.89E-06	-5.15E-08	
14	-3.19E-05	-1.68E-07	2.51E-05
4.92E-07	-3.22E-06	-5.10E-08	
15	-3.19E-05	-3.68E-07	4.14E-05
4.77E-07	-3.23E-06	-2.88E-08	
16	-3.19E-05	-4.62E-07	5.69E-05
4.54E-07	-2.87E-06	-1.02E-08	
17	-3.19E-05	-4.82E-07	6.96E-05
4.11E-07	-2.10E-06	1.71E-09	
18	-3.19E-05	-4.52E-07	7.73E-05
3.48E-07	-9.23E-07	1.02E-08	
19	-3.20E-05	-3.82E-07	7.83E-05
2.60E-07	6.44E-07	1.81E-08	
20	-3.20E-05	-2.72E-07	7.06E-05
1.54E-07	2.46E-06	2.61E-08	
21	-3.20E-05	-1.23E-07	5.35E-05
3.33E-08	4.48E-06	3.42E-08	
22	-3.20E-05	6.67E-08	2.57E-05
-9.83E-08	6.64E-06	4.24E-08	
23	-3.20E-05	2.25E-07	-2.72E-09
-1.88E-07	8.09E-06	4.90E-08	
24	-3.21E-05	4.05E-07	-3.06E-05
-2.65E-07	9.37E-06	5.38E-08	
25	-3.21E-05	6.77E-07	-8.07E-05
-3.70E-07	1.06E-05	5.46E-08	
26	-3.21E-05	9.40E-07	-0.000135
-4.57E-07	1.08E-05	5.08E-08	
27	-3.21E-05	1.17E-06	-0.000186
-5.24E-07	9.69E-06	4.13E-08	
28	-3.21E-05	1.34E-06	-0.000229
-5.69E-07	7.17E-06	2.81E-08	
29	-3.22E-05	1.44E-06	-0.000255
-5.95E-07	3.28E-06	1.21E-08	
30	-3.22E-05	1.46E-06	-0.000259
-6.09E-07	-1.96E-06	-5.08E-09	
31	-3.22E-05	1.40E-06	-0.000234
-6.19E-07	-8.06E-06	-2.05E-08	
32	-3.22E-05	1.26E-06	-0.000178
-6.45E-07	-1.48E-05	-3.22E-08	
33	-3.23E-05	1.08E-06	-8.56E-05
-7.07E-07	-2.21E-05	-4.27E-08	
34	-3.23E-05	9.33E-07	9.24E-09
-7.77E-07	-2.69E-05	-4.64E-08	
35	-3.20E-05	7.58E-07	0.000102
-8.53E-07	-3.14E-05	-4.91E-08	
36	-3.17E-05	5.10E-07	0.000271
-8.47E-07	-3.57E-05	-4.61E-08	
37	-3.13E-05	2.

-4.55E-07	1.07E-05	4.11E-08	
83	-3.24E-05	1.01E-06	-0.000184
-5.00E-07	9.63E-06	3.47E-08	
84	-3.24E-05	1.16E-06	-0.000226
-5.19E-07	-3.57E-06	2.46E-08	
85	-3.24E-05	1.25E-06	-0.000252
-5.16E-07	3.30E-06	1.26E-08	
86	-3.24E-05	1.28E-06	-0.000256
-4.98E-07	-1.88E-06	-1.18E-09	
87	-3.24E-05	1.24E-06	-0.000232
-4.83E-07	-7.94E-06	-1.51E-08	
88	-3.24E-05	1.13E-06	-0.000176
-5.05E-07	-1.47E-05	-2.76E-08	
89	-3.24E-05	9.79E-07	-8.51E-05
-5.99E-07	-2.20E-05	-3.47E-08	
90	-3.24E-05	8.64E-07	9.81E-09
-7.20E-07	-2.70E-05	-3.04E-08	
91	-3.24E-05	7.77E-07	0.000101
-8.14E-07	-2.91E-05	-2.22E-08	
92	-3.24E-05	6.91E-07	0.000268
-8.69E-07	-3.55E-05	-1.62E-08	
93	-3.24E-05	6.25E-07	0.000448
-7.71E-07	-3.62E-05	-1.32E-08	
94	-3.25E-05	5.73E-07	0.000621
-5.05E-07	-3.26E-05	-1.05E-08	
95	-3.25E-05	5.32E-07	0.000763
-6.01E-08	-2.43E-05	-9.53E-09	
96	-3.25E-05	4.84E-07	0.000853
5.51E-07	-1.13E-05	-1.28E-08	
97	-3.26E-05	4.03E-07	0.000867
1.36E-06	6.27E-06	-2.25E-08	
98	-3.26E-05	2.54E-07	0.000785
2.36E-06	-2.66E-05	-3.92E-08	

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-3.27E-05	-5.30E-09	0.000597
3.67E-06	4.97E-05	-6.72E-08	
100	-3.27E-05	-4.77E-07	0.000288
5.46E-06	7.44E-05	-1.31E-07	
101	-3.28E-05	-1.09E-06	-1.32E-08
7.07E-06	9.10E-05	-2.06E-07	
102	-3.29E-05	-2.13E-06	-0.000345
8.80E-06	0.000108	-3.47E-07	
103	-3.31E-05	-4.06E-06	-0.000945
1.20E-05	0.000133	-4.19E-07	
104	-3.33E-05	-6.21E-06	-0.001671
1.56E-05	0.000158	-4.40E-07	
105	-3.35E-05	-8.41E-06	-0.002515
1.91E-05	0.000181	-4.39E-07	
106	-3.38E-05	-1.06E-05	-0.003467
2.24E-05	0.000201	-4.23E-07	
107	-3.40E-05	-1.26E-05	-0.004512
2.54E-05	0.000218	-3.97E-07	
108	-3.43E-05	-1.45E-05	-0.005634
2.80E-05	0.000231	-3.53E-07	
109	-3.45E-05	-1.61E-05	-0.006815
3.03E-05	0.000241	-2.53E-07	
110	-3.46E-05	-1.68E-05	-0.008040
3.24E-05	0.000249	-2.31E-08	
111	-3.46E-05	-1.61E-05	-0.009296
3.45E-05	0.000253	-3.45E-07	
112	-3.44E-05	-1.49E-05	-0.010000
3.57E-05	0.000254	4.80E-07	
113	-3.23E-05	-1.27E-06	-5.06E-11
-6.75E-08	1.40E-06	4.53E-08	
114	-3.23E-05	-1.15E-06	-3.80E-06
-9.22E-08	1.38E-06	4.42E-08	
115	-3.23E-05	-9.51E-07	-1.04E-05
-1.30E-07	1.28E-06	3.76E-08	
116	-3.23E-05	-7.88E-07	-1.63E-05
-1.42E-07	1.09E-06	2.88E-08	
117	-3.23E-05	-6.66E-07	-2.12E-05
-1.33E-07	8.47E-07	2.17E-08	
118	-3.23E-05	-5.72E-07	-2.46E-05
-1.07E-07	5.27E-07	1.67E-08	
119	-3.23E-05	-5.02E-07	-2.63E-05
-6.41E-08	1.15E-07	1.17E-08	
120	-3.23E-05	-4.60E-07	-2.57E-05
-3.44E-09	-3.67E-07	4.63E-09	
121	-3.23E-05	-4.59E-07	-2.26E-05
7.63E-08	-9.00E-07	-4.01E-09	
122	-3.23E-05	-4.95E-07	-1.67E-05
1.77E-07	-1.48E-06	-9.76E-09	
123	-3.23E-05	-5.40E-07	-7.90E-06
2.92E-07	-2.07E-06	-6.68E-09	
124	-3.23E-05	-5.50E-07	9.71E-10
3.58E-07	-2.47E-06	9.89E-10	
125	-3.23E-05	-5.33E-07	9.21E-06
3.86E-07	-2.82E-06	9.21E-09	
126	-3.23E-05	-4.69E-07	2.41E-05
3.99E-07	-3.13E-06	1.46E-08	
127	-3.24E-05	-4.01E-07	3.97E-05
4.00E-07	-3.14E-06	1.25E-08	
128	-3.24E-05	-3.49E-07	5.46E-05
3.90E-07	-2.96E-06	8.66E-09	
129	-3.24E-05	-3.12E-07	6.68E-05
3.60E-07	-2.05E-06	7.26E-09	
130	-3.24E-05	-2.72E-07	7.43E-05
3.09E-07	-9.11E-07	9.59E-09	
131	-3.24E-05	-2.13E-07	7.53E-05
2.33E-07	6.10E-07	1.45E-08	
132	-3.24E-05	-1.27E-07	6.80E-05
1.38E-07	2.38E-06	2.07E-08	
133	-3.24E-05	-1.01E-08	5.16E-05
2.66E-08	4.35E-06	2.67E-08	
134	-3.24E-05	1.34E-07	2.49E-05
-9.70E-08	6.48E-06	3.18E-08	
135	-3.24E-05	2.48E-07	-2.90E-09
-1.81E-07	8.42E-06	3.47E-08	
136	-3.24E-05	3.68E-07	-2.96E-05
-2.61E-07	9.20E-06	3.52E-08	
137	-3.24E-05	5.41E-07	-7.84E-05
-3.68E-07	1.04E-05	3.48E-08	
138	-3.24E-05	7.06E-07	-0.000131
-4.56E-07	1.23E-05	3.23E-08	
139	-3.24E-05	8.53E-07	-0.000181
-5.23E-07	9.56E-06	2.75E-08	
140	-3.24E-05	9.71E-07	-0.000223
-5.70E-07	7.11E-06	2.05E-08	
141	-3.24E-05	1.05E-06	-0.000249
-5.99E-07	3.32E-06	1.17E-08	
142	-3.24E-05	1.08E-06	-0.000253
-6.19E-07	-1.82E-06	1.94E-09	
143	-3.24E-05	1.07E-06	-0.000229
-6.41E-07	-7.84E-06	-7.25E-09	
144	-3.24E-05	1.02E-06	-0.000175
-6.74E-07	-1.46E-05	-1.35E-08	
145	-3.24E-05	9.48E-07	-8.45E-05
-7.32E-07	-2.12E-05	-1.68E-08	
146	-3.24E-05	9.04E-07	9.93E-09
-7.92E-07	-2.70E-05	-1.10E-08	
147	-3.25E-05	8.83E-07	0.000101
-8.36E-07	-3.13E-05	-4.60E-09	
148	-3.28E-05	8.97E-07	0.000266
-8.05E-07	-3.54E-05	5.00E-09	

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-3.32E-05	9.53E-07	0.000444
-6.22E-07	-3.60E-05	1.07E-08	
150	-3.35E-05	1.03E-06	0.000614
-2.63E-07	-3.25E-05	1.07E-08	
151	-3.39E-05	1.08E-06	0.000756
3.00E-07	-2.42E-05	4.21E-09	
152	-3.42E-05	1.10E-06	0.000845
1.07E-06	-1.14E-05	-9.18E-09	
153	-3.46E-05	1.02E-06	0.000860
2.09E-06	5.98E-06	-3.05E-08	
154	-3.50E-05	8.23E-07	0.000780
3.32E-06	2.64E-05	-6.21E-08	
155	-3.53E-05	4.29E-07	0.000594
4.83E-06	4.94E-05	-1.09E-07	
156	-3.57E-05	-2.43E-07	0.000288
6.72E-06	7.44E-05	-1.75E-07	
157	-3.59E-05	-9.27E-07	-1.70E-08
8.26E-06	9.15E-05	-2.31E-07	
158	-3.62E-05	-1.81E-06	-0.000347
1.01E-05	0.000109	-2.91E-07	
159	-3.66E-05	-3.42E-06	-0.000949
1.33E-05	0.000135	-3.43E-07	
160	-3.70E-05	-5.32E-06	-0.001679
1.66E-05	0.000159	-4.09E-07	
161	-3.75E-05	-7.38E-06	-0.002526
1.99E-05	0.000182	-4.31E-07	
162	-3.79E-05	-9.49E-06	-0.003479
2.29E-05	0.000202	-4.32E-07	
163	-3.84E-05	-1.16E-05	-0.004524
2.55E-05	0.000219	-4.05E-07	
164	-3.87E-05	-1.34E-05	-0.005645
2.77E-05	0.000232	-3.33E-07	
165	-3.90E-05	-1.47E-05	-0.006824
2.93E-05	0.000242	-2.02E-07	
166	-3.92E-05	-1.53E-05	-0.008046
3.05E-05	0.000250	-2.36E-08	
167	-3.93E-05	-1.50E-05	-0.009299
3.11E-05	0.000254	1.38E-07	
168	-3.92E-05	-1.46E-05	-0.010000
3.11E-05	0.000255	1.79E-07	
169	-3.21E-05	-8.95E-07	-4.89E-07
-2.30E-07	-1.35E-06	-6.16E-08	
170	-3.21E-05	-8.16E-06	-4.27E-06
-1.93E-07	1.35E-06	-4.74E-08	
171	-3.21E-05	-8.18E-07	-1.09E-05
-1.58E-07	1.27E-06	-6.76E-08	
172	-3.21E-05	-7.34E-07	-1.69E-05
-1.41E-07	1.10E-06	-8.58E-08	
173	-3.21E-05	-6.38E-07	-2.18E-05
-1.26E-07	8.58E-07	-1.09E-07	
174	-3.21E-05	-5.43E-07	-2.54E-05
-1.01E-07	5.34E-07	-1.40E-07	
175	-3.21E-05	-4.59E-07	-2.71E-05
-6.58E-08	1.30E-07	-1.78E-07	
176	-3.21E-05	-3.84E-07	-2.66E-05
-2.11E-08	-3.56E-07	-2.36E-07	
177	-3.21E-05	-3.11E-07	-2.35E-05
2.47E-08	-8.96E-07	-2.62E-07	
178	-3.22E-05	-2.39E-07	-1.76E-05
6.36E-08	-1.49E-06	-3.45E-07	
179	-3.22E-05	-1.77E-07	-8.68E-06
8.80E-08	-2.07E-06	-3.74E-07	
180	-3.22E-05	-1.61E-07	-7.20E-07
1.26E-07	-2.54E-06	-3.79E-07	
181	-3.22E-05	-2.06E-07	8.95E-06
2.10E-07	-2.95E-06	-4.36E-07	
182	-3.22E-05	-2.94E-07	2.44E-05
3.06E-07	-3.22E-06	-4.90E-07	
183	-3.22E-05	-3.73E-07	4.07E-05
3.63E-07	-3.22E-06	-4.61E-07	
184	-3.22E-05	-4.21E-07	5.61E-05
3.79E-07	-2.87E-06	-4.48E-07	
185	-3.22E-05	-4.32E-07	6.87E-05
3.59E-07	-2.10E-06	-3.64E-07	
186	-3.22E-05	-4.05E-07	7.65E-05
3.08E-07	-9.29E-07	-2.94E-07	
187	-3.22E-05	-3.41E-07	7.74E-05
2.26E-07	6.31E-07	-7.23E-08	
188	-3.22E-05	-2.38E-07	6.99E-05
1.20E-07	2.44E-06	1.20E-07	
189	-3.22E-05	-9.43E-08	5.29E-05
-4.61E-09	4.44E-06	3.35E-07	
190	-3.22E-05	8.31E-08	2.55E-05
-1.35E-07	6.59E-06	5.30E-07	
191	-3.22E-05	2.38E-07	-2.59E-08
-2.26E-07	8.04E-06	6.26E-07	
192	-3.22E-05	4.03E-07	-3.03E-05
-3.09E-07	9.33E-06	8.03E-07	
193	-3.22E-05	6.45E-07	-8.02E-05
-3.98E-07	1.13E-05	9.86E-07	
194	-3.22E-05	8.81E-07	-0.000134
-4.64E-07	1.07E-05	1.03E-06	
195	-3.22E-05	1.09E-06	-0.000185
-5.10E-07	9.64E-06	9.26E-07	
196	-3.22E-05	1.25E-06	-0.000227
-5.31E-07	7.15E-06	6.78E-07	
197	-3.22E-05	1.34E-06	-0.000254
-5.27E-07	3.29E-06	2.88E-07	
198	-3.22E-05	1.36E-06	-0.000258
-4.96E-07	-1.93E-06	-2.47E-07	

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-3.22E-05	1.31E-06	-0.000233
-4.43E-07	-8.00E-06	-8.72E-07	
200	-3.21E-05	1.19E-06	-0.000177
-3.97E-07	-1.48E-05	-1.58E-06	
201	-3.21E-05	1.02E-06	-8.53E-05
-4.52E-07	-2.20E-05	-2.19E-06	
202	-3.20E-05	8.89E-07	7.40E-08
-6.16E-07	-2.69E-05	-2.47E-06	
203	-3.20E-05	7.54E-07	0.000102
-8.05E-07	-3.14E-05	-2.61E-06	
204	-3.18E-05	5.95E-07	0.000269
-8.76E-07	-3.56E-05	-4.00E-06	
205	-3.17E-05	4.56E-07	0.000450
-7.54E-07	-3.63E-05	-4.20E-06	
206	-3.16E-05	3.40E-07	0.000623
-4.46E-07	-3.27E-05	-3.96E-06	
207	-3.14E-05	2.61E-07	0.000767
3.46E-08	-2.43E-05	-3.21E-06	
208	-3.12E-05	2.01E-07	0.000857
6.71E-07	-1.12E-05	-1.97E-06	
209	-3.11E-05	1.35E-07	0.000870
1.47E-06	6.43E-06	-2.31E-07	
210	-3.09E-05	-6.27E-09	0.000787
2.36E-06	2.70E-05	1.83E-06	
211	-3.07E-05	-3.30E-07	0.000597
3.45E-06	4.99E-05	4.20E-06	
212	-3.06E-05	-9.80E-07	0.000287
5.00E-06	7.43E-05	6.29E-06	
213	-3.05E-05	-1.70E-06	-9.36E-07
6.42E-06	9.07E-05	-2.27E-06	
214	-3.05E-05	-2.67E-06	-0.000346
8.35E-06	0.000107	9.47E-06	
215	-3.05E-05	-4.54E-06	-0.000944
1.17E-05	0.000132	1.29E-05	
216	-3.06E-05	-6.70E-06	-0.001668
1.54E-05	0.000157	1.54E-05	
217	-3.07E-05	-8.98E-06	-0.002510
1.89E-05	0.000180	1.77E-05	
218	-3.08E-05	-1.11E-05	-0.003461
2.21E-05	0.000200	1.98E-05	
219	-3.10E-05	-1.31E-05	-0.004506
2.49E-05	0.000217	2.15E-05	
220	-3.11E-05	-1.49E-05	-0.005628
2.72E-05	0.000231	2.28E-05	
221	-3.13E-05	-1.65E-05	-0.006810
2.92E-05	0.000241	2.38E-05	
222	-3.16E-05	-1.81E-05	-0.008035
3.09E-05	0.000248	2.48E-05	
223	-3.19E-05	-1.98E-05	-0.009291
3.27E-05	0.000252	2.13E-05	
224	-3.20E-05	-2.05E-05	-0.009993
3.40E-05	0.000252	2.63E-05	
225	-3.23E-05	-1.32E-06	3.44E-07
-1.08E-07	1.45E-06	1.42E-07	
226	-3.23E-05	-1.16E-06	-3.61E-06
-1.74E-07	1.42E-06	1.26E-07	
227	-3.23E-05	-9.38E-07	-1.04E-05
-2.05E-07	1.29E-06	1.38E-07	
228	-3.24E-05	-7.81E-07	-1.64E-05
-1.93E-07	1.10E-06	1.25E-07	
229	-3.24E-05	-6.67E-07	-2.13E-05
-1.68E-07	8.49E-07	1.02E-07	
230	-3.24E-05	-5.75E-07	-2.48E-05
-1.37E-07	5.20E-07	6.90E-08	
231	-3.24E-05	-5.00E-07	-2.64E-05
-1.01E-07	1.10E-07	2.75E-08	
232	-3.24E-05	-4.47E-07	-2.59E-05
-5.87E-08	-3.80E-07	-2.06E-08	
233	-3.24E-05	-4.35E-07	-2.27E-05
-4.31E-09	-9.28E-07	-7.11E-08	
234	-3.24E-05	-4.81E-07	-1.66E-05
7.48E-08	-1.15E-06	-1.25E-07	
235	-3.24E-05	-5.75E-07	-7.59E-06
2.00E-07	-2.14E-06	-1.75E-07	
236	-3.24E-05	-6.20E-07	5.05E-07
3.17E-07	-2.49E-06	-2.08E-07	
237	-3.24E-05	-5.77E-07	9.68E-06
2.91E-07	-2.80E-06	-2.72E-07	
238	-3.24E-05	-4.72E-07	2.45E-05
2.98E-07	-3.13E-06	-3.30E-07	
239	-3.24E-05	-4.12E-07	4.03E-05
3.22E-07	-3.16E-06	-3.26E-07	
240	-3.24E-05	-3.79E-07	5.53E-05
3.38E-07	-2.81E-06	-2.90E-07	
241	-3.24E-05	-3.57E-07	6.75E-05
3.28E-07	-2.06E-06	-2.38E-07	
242	-3.24E-05	-3.22E-07	7.51E-05
2.86E-07	-9.15E-07	-9.87E-08	
243	-3.24E-05	-2.62E-07	7.61E-05
2.11E-07	6.17E-07	5.66E-08	
244	-3.24E-05	-1.70E-07	6.87E-05
1.12E-07	2.40E-06	2.37E-07	
245	-3.24E-05	-4.23E-08	5.21E-05
-5.32E-09	4.38E-06	4.42E-07	
246	-3.24E-05	1.18E-07	2.51E-05
-1.36E-07	6.52E-06	6.21E-07	
247	-3.24E-05	2.46E-07	2.59E-08
-2.31E-07	7.96E-06	7.05E-07	
248	-3.24E-05	3.81E-07	-2.98E-05
-3.08E-07	9.24E-06	8.85E-07	

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-3.24E-05	5.74E-07	-7.89E-05
-3.96E-07	1.05E-05	1.08E-06	
250	-3.24E-05	7.63E-07	-0.000132
-4.64E-07	1.07E-05	1.10E-06	
251	-3.24E-05	9.33E-07	-0.000182
-5.10E-07	1.59E-06	9.39E-07	
252	-3.24E-05	1.07E-06	-0.000224
-5.30E-07	7.13E-06	7.39E-07	
253	-3.24E-05	1.16E-06	-0.000251
-5.25E-07	3.32E-06	3.45E-07	
254	-3.25E-05	1.19E-06	-0.000255
-5.00E-07	-1.84E-06	-1.93E-07	
255	-3.25E-05	1.17E-06	-0.000231
-4.63E-07	-7.88E-06	-8.21E-07	
256	-3.25E-05	1.09E-06	-0.000176
-4.49E-07	-1.47E-05	-1.54E-06	
257	-3.26E-05	9.83E-07	-8.50E-05
-5.03E-07	-2.20E-05	-2.16E-06	
258	-3.26E-05	8.99E-07	-7.89E-08
-6.15E-07	-2.70E-05	-2.45E-06	
259	-3.27E-05	8.37E-07	0.000101
-7.66E-07	-3.13E-05	-3.13E-06	
260	-3.28E-05	7.97E-07	0.000267
-8.30E-07	-3.54E-05	-3.91E-06	
261	-3.30E-05	7.88E-07	0.000446
-7.17E-07	-3.62E-05	-4.06E-06	
262	-3.31E-05	7.89E-07	0.000618
-4.24E-07	-3.25E-05	-3.78E-06	
263	-3.33E-05	7.87E-07	0.000760
4.26E-08	-2.43E-05	-2.99E-06	
264	-3.34E-05	7.56E-07	0.000850
6.66E-07	-1.14E-05	-1.72E-06	
265	-3.36E-05	6.62E-07	0.000864
1.45E-06	6.10E-06	4.38E-08	
266	-3.37E-05	4.70E-07	0.000784
2.35E-06	2.66E-05	2.13E-06	
267	-3.39E-05	1.28E-07	0.000597
3.44E-06	4.96E-05	4.53E-06	
268	-3.41E-05	-4.62E-07	0.000289
4.93E-06	7.45E-05	6.66E-06	
269	-3.43E-05	-1.10E-06	1.22E-06
6.29E-06	9.14E-05	7.67E-06	
270	-3.44E-05	-2.05E-06	-0.000345
8.38E-06	0.000108	9.98E-06	
271	-3.47E-05	-3.83E-06	-0.000946
1.19E-05	0.000134	1.35E-05	
272	-3.50E-05	-5.84E-06	-0.001674
1.56E-05	0.000159	1.61E-05	
273	-3.53E-05	-7.96E-06	-0.002519
1.92E-05	0.000181	1.84E-05	
274	-3.57E-05	-1.01E-05	-0.003473
2.25E-05	0.000201	2.05E-05	
275	-3.60E-05	-1.21E-05	-0.004518
2.53E-05	0.000218	2.22E-05	
276	-3.62E-05	-1.40E-05	-0.005640
2.78E-05	0.000232	2.36E-05	
277	-3.65E-05	-1.54E-05	-0.006820
2.99E-05	0.000242	2.45E-05	
278	-3.66E-05	-1.60E-05	-0.008045
3.16E-05	0.000249	2.50E-05	
279	-3.65E-05	-1.55E-05	-0.009301
3.26E-05	0.000254	2.18E-05	
280	-3.64E-05	-1.44E-05	-0.010005
3.25E-05	0.000255	2.68E-05	
281	-3.34E-05	-7.68E-24	.000000
8.49E-08	1.43E-06	-4.79E-08	
282	-3.18E-05	5.91E-23	.000000
6.47E-07	-2.51E-06	-5.65E-09	
283	-4.17E-05	.000000	.000000
-1.88E-07	8.09E-06	4.90E-08	
284	.000000	.000000	.000000
-7.75E-08	-2.69E-05	-4.64E-08	
285	-0.000137	-5.67E-22	.000000
3.29E-06	-0.000136	-2.42E-07	
286	-0.000306	4.09E-22	-0.010000
2.39E-05	0.000254	-1.07E-06	
287	-3.39E-05	1.38E-22	.000000
-3.19E-07	1.41E-06	6.68E-08	
288	-2.94E-05	-8.72E-23	.000000
-1.79E-07	2.53E-06	-2.72E-09	
289	-4.20E-05	.000000	.000000
-2.07E-07	8.00E-06	4.20E-08	
290	.000000	.000000	.000000
-1.89E-08	-2.70E-05	-3.04E-08	
291	-0.000142	-3.74E-22	.000000
2.33E-06	9.12E-05	-2.36E-07	
292	-0.000155	5.39E-22	-0.010000
1.60E-05	0.000256	4.80E-07	
293	-3.38E-05	1.70E-06	.000000
5.88E-08	1.40E-06	4.53E-08	
294	-2.93E-05	2.33E-06	.000000
1.50E-07	-2.49E-06	9.89E-10	
295	-4.16E-05	4.84E-06	.000000
7.30E-07	2.53E-06	3.47E-08	
296	8.46E-26	-4.61E-08	.000000
-9.07E-08	-2.70E-05	-1.10E-08	
297	-0.000145	-1.54E-05	.000000
-7.08E-06	9.16E-05	-2.31E-07	
298	-0.000319	-2.38E-05	-0.010000
-3.67E-06	0.000257	1.79E-07	

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -2N+1- ----------

JOINT	U1	U2	U3
R1	R2	R3	
1	-2.76E-05	-4.38E-05	-0.010000
4.42E-05	-0.000359	1.15E-06	
2	-2.79E-05	-4.07E-05	-0.009000
4.49E-05	-0.000357	1.08E-06	
3	-2.83E-05	-3.59E-05	-0.007230
4.44E-05	-0.000345	8.20E-07	
4	-2.85E-05	-3.22E-05	-0.005546
4.25E-05	-0.000324	7.04E-07	
5	-2.86E-05	-2.86E-05	-0.003988
3.95E-05	-0.000294	7.59E-07	
6	-2.87E-05	-2.44E-05	-0.002599
3.52E-05	-0.000256	9.03E-07	
7	-2.88E-05	-1.95E-05	-0.001428
2.96E-05	-0.000208	1.07E-06	
8	-2.90E-05	-1.37E-05	-0.000521
2.29E-05	-0.000151	1.21E-06	
9	-2.92E-05	-7.38E-06	7.94E-05
1.54E-05	-8.70E-05	1.31E-06	
10	-2.94E-05	-7.43E-07	0.000349
7.71E-06	-1.82E-05	1.35E-06	
11	-2.95E-05	5.54E-06	0.000264
4.22E-07	5.24E-05	1.15E-06	
12	-2.96E-05	9.06E-06	-4.34E-08
-3.70E-06	9.81E-05	8.19E-07	
13	-2.95E-05	1.12E-05	-0.000419
-7.74E-06	0.000142	4.64E-07	
14	-2.93E-05	1.26E-05	-0.001278
-1.24E-05	0.000201	1.96E-07	
15	-2.91E-05	1.34E-05	-0.002402
-1.55E-05	0.000246	4.66E-08	
16	-2.88E-05	1.33E-05	-0.003713
-1.71E-05	0.000275	-7.80E-08	
17	-2.85E-05	1.26E-05	-0.005121
-1.74E-05	0.000285	-2.06E-07	
18	-2.83E-05	1.12E-05	-0.006519
-1.62E-05	0.000272	-3.30E-07	
19	-2.80E-05	9.31E-06	-0.007797
-1.39E-05	0.000236	-4.29E-07	
20	-2.78E-05	7.03E-06	-0.008849
-1.08E-05	0.000183	-4.64E-07	
21	-2.77E-05	4.79E-06	-0.009599
-7.21E-06	0.000115	-4.15E-07	
22	-2.76E-05	2.95E-06	-0.009976
-3.64E-06	3.51E-05	-3.22E-07	
23	-2.75E-05	1.87E-06	-0.010000
-1.56E-06	-2.10E-05	-3.17E-07	
24	-2.75E-05	7.47E-07	-0.009830
-4.62E-07	-7.67E-05	-3.05E-07	
25	-2.74E-05	-4.52E-07	-0.009252
4.11E-07	-0.000154	-1.75E-07	
26	-2.73E-05	-9.90E-07	-0.008317
6.49E-07	-0.000218	-5.73E-08	
27	-2.72E-05	-1.08E-06	-0.007111
4.51E-07	-0.000263	5.77E-09	
28	-2.71E-05	-9.46E-07	-0.005725
4.10E-08	-0.000288	3.23E-08	
29	-2.69E-05	-7.25E-07	-0.004278
-4.41E-07	-0.000288	4.47E-08	
30	-2.67E-05	-4.74E-07	-0.002892
-8.31E-07	-0.000263	4.28E-08	
31	-2.64E-05	-2.64E-07	-0.001686
-9.82E-07	-0.000218	4.58E-09

1.61E-06	-0.000265	2.25E-08	
84	-2.49E-05	-1.03E-06	-0.005723
4.06E-07	-0.000289	3.66E-08	
85	-2.49E-05	-7.68E-07	-0.004278
-8.78E-07	-0.000289	5.01E-08	
86	-2.49E-05	-4.48E-07	-0.002894
-2.07E-06	-0.000265	6.32E-08	
87	-2.49E-05	-5.75E-08	-0.001688
-2.95E-06	-0.000219	8.11E-08	
88	-2.49E-05	4.11E-07	-0.000751
-3.16E-06	-0.000155	9.44E-08	
89	-2.49E-05	7.97E-07	-0.000170
-2.21E-06	-7.74E-05	3.25E-08	
90	-2.49E-05	6.46E-07	-7.68E-08
-5.40E-07	-2.07E-05	-1.53E-07	
91	-2.49E-05	-2.54E-07	-2.66E-05
1.29E-06	3.63E-05	-3.32E-07	
92	-2.49E-05	-2.07E-06	-0.000408
5.19E-06	0.000117	-3.69E-07	
93	-2.49E-05	-3.80E-06	-0.001164
9.38E-06	0.000185	-3.14E-07	
94	-2.49E-05	-5.20E-06	-0.002219
1.33E-05	0.000238	-2.37E-07	
95	-2.49E-05	-6.21E-06	-0.003496
1.64E-05	0.000273	-1.50E-07	
96	-2.49E-05	-6.67E-06	-0.004893
1.83E-05	0.000286	-5.22E-08	
97	-2.49E-05	-6.80E-06	-0.006298
1.89E-05	0.000276	5.20E-08	
98	-2.48E-05	-6.33E-06	-0.007606
1.81E-05	0.000247	1.55E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-2.47E-05	-5.33E-06	-0.008729
1.58E-05	0.000201	2.63E-07	
100	-2.45E-05	-3.68E-06	-0.009585
1.16E-05	0.000141	4.35E-07	
101	-2.44E-05	-1.82E-06	-0.010000
7.61E-06	9.68E-05	6.73E-07	
102	-2.41E-05	9.29E-07	-0.010257
3.25E-06	5.25E-05	8.88E-07	
103	-2.37E-05	5.59E-06	-0.010329
-4.65E-06	-2.12E-05	9.73E-07	
104	-2.32E-05	1.04E-05	-0.010048
-1.31E-05	-8.99E-05	9.47E-07	
105	-2.28E-05	1.49E-05	-0.009439
-2.12E-05	-0.000153	8.76E-07	
106	-2.23E-05	1.90E-05	-0.008528
-2.86E-05	-0.000210	7.80E-07	
107	-2.19E-05	2.26E-05	-0.007357
-3.48E-05	-0.000257	6.68E-07	
108	-2.15E-05	2.56E-05	-0.005974
-3.99E-05	-0.000295	5.37E-07	
109	-2.12E-05	2.79E-05	-0.004424
-4.37E-05	-0.000323	3.44E-07	
110	-2.11E-05	2.88E-05	-0.002752
-4.67E-05	-0.000344	-3.69E-09	
111	-2.12E-05	2.76E-05	-0.000993
-4.89E-05	-0.000356	-5.22E-07	
112	-2.14E-05	2.59E-05	-1.69E-08
-4.99E-05	-0.000358	-6.99E-07	
113	-1.43E-05	-3.35E-05	-0.010000
4.58E-05	-0.000358	3.15E-07	
114	-1.45E-05	-3.26E-05	-0.009015
4.59E-05	-0.000356	3.67E-07	
115	-1.49E-05	-3.03E-05	-0.007270
4.52E-05	-0.000344	5.59E-07	
116	-1.54E-05	-2.71E-05	-0.005609
4.32E-05	-0.000323	7.66E-07	
117	-1.61E-05	-2.29E-05	-0.004067
4.00E-05	-0.000295	9.27E-07	
118	-1.69E-05	-1.81E-05	-0.002688
3.56E-05	-0.000258	1.02E-06	
119	-1.77E-05	-1.30E-05	-0.001518
2.99E-05	-0.000211	1.06E-06	
120	-1.86E-05	-7.79E-06	-0.000603
2.32E-05	-0.000155	1.04E-06	
121	-1.94E-05	-2.83E-06	1.51E-05
1.58E-05	-9.24E-05	9.75E-07	
122	-2.01E-05	1.67E-06	0.000309
7.98E-06	-2.37E-05	8.63E-07	
123	-2.08E-05	5.55E-06	0.000249
3.79E-07	4.82E-05	7.24E-07	
124	-2.11E-05	7.83E-06	-5.98E-08
-4.19E-06	9.60E-05	6.16E-07	
125	-2.15E-05	9.73E-06	-0.000410
-8.15E-06	0.000142	4.93E-07	
126	-2.19E-05	1.16E-05	-0.001263
-1.28E-05	0.000202	2.89E-07	
127	-2.22E-05	1.25E-05	-0.002384
-1.59E-05	0.000249	8.16E-08	
128	-2.25E-05	1.24E-05	-0.003690
-1.75E-05	0.000278	-1.06E-07	
129	-2.26E-05	1.14E-05	-0.005093
-1.77E-05	0.000287	-2.70E-07	
130	-2.27E-05	9.82E-06	-0.006487
-1.65E-05	0.000274	-3.74E-07	
131	-2.27E-05	7.74E-06	-0.007765
-1.42E-05	0.000239	-4.51E-07	
132	-2.27E-05	5.40E-06	-0.008822
-1.11E-05	0.000187	-4.86E-07	
133	-2.27E-05	3.01E-06	-0.009583
-7.54E-06	0.000118	-4.66E-07	
134	-2.26E-05	8.91E-07	-0.009971
-4.02E-06	3.76E-05	-3.77E-07	
135	-2.26E-05	-2.49E-07	-0.010000
-2.07E-06	-2.05E-05	-2.81E-07	
136	-2.26E-05	-1.04E-06	-0.009830
-7.27E-07	-1.79E-05	-1.79E-07	
137	-2.26E-05	-1.60E-06	-0.009247
2.95E-07	-0.000157	-6.06E-08	
138	-2.27E-05	-1.69E-06	-0.008308
6.01E-07	-0.000221	1.17E-08	
139	-2.28E-05	-1.51E-06	-0.007102
4.67E-07	-0.000266	5.11E-08	
140	-2.29E-05	-1.17E-06	-0.005720
6.03E-08	-0.000291	7.38E-08	
141	-2.31E-05	-7.43E-07	-0.004278
-4.20E-07	-0.000291	8.84E-08	
142	-2.33E-05	-2.60E-07	-0.002896
-8.03E-07	-0.000266	9.57E-08	
143	-2.35E-05	2.23E-07	-0.001690
-8.86E-07	-0.000221	8.71E-08	
144	-2.38E-05	5.90E-07	-0.000752
-4.96E-07	-0.000157	4.65E-08	
145	-2.41E-05	6.40E-07	-0.000169
6.49E-07	-7.81E-05	-4.11E-08	
146	-2.43E-05	3.65E-07	-8.52E-08
2.09E-06	-1.03E-05	-1.28E-07	
147	-2.43E-05	-1.97E-07	-3.01E-05
4.13E-06	3.77E-05	-2.01E-07	
148	-2.43E-05	-1.39E-06	-0.000419
7.74E-06	0.000119	-2.70E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-2.43E-05	-2.78E-06	-0.001180
1.13E-05	0.000187	-2.79E-07	
150	-2.42E-05	-4.11E-06	-0.002237
1.45E-05	0.000239	-2.44E-07	
151	-2.41E-05	-5.19E-06	-0.003514
1.68E-05	0.000274	-1.80E-07	
152	-2.40E-05	-5.91E-06	-0.004908
1.80E-05	0.000287	-9.83E-08	
153	-2.38E-05	-6.20E-06	-0.006311
1.79E-05	0.000278	-3.56E-10	
154	-2.35E-05	-5.97E-06	-0.007616
1.64E-05	0.000248	1.15E-07	
155	-2.32E-05	-5.10E-06	-0.008737
1.34E-05	0.000202	2.58E-07	
156	-2.28E-05	-3.44E-06	-0.009590
8.97E-06	0.000142	4.36E-07	
157	-2.25E-05	-1.73E-06	-0.010000
5.09E-06	9.59E-05	5.67E-07	
158	-2.21E-05	4.04E-07	-0.010249
4.23E-07	4.81E-05	6.82E-07	
159	-2.15E-05	4.03E-06	-0.010309
-7.41E-06	-2.37E-05	7.94E-07	
160	-2.08E-05	8.04E-06	-0.010015
-1.54E-05	-1.81E-05	8.93E-07	
161	-2.01E-05	1.21E-05	-0.009398
-2.29E-05	-0.000155	8.32E-07	
162	-1.94E-05	1.61E-05	-0.008483
-2.97E-05	-0.000211	7.87E-07	
163	-1.87E-05	1.98E-05	-0.007313
-3.53E-05	-0.000258	7.04E-07	
164	-1.81E-05	2.29E-05	-0.005934
-3.98E-05	-0.000295	5.64E-07	
165	-1.76E-05	2.52E-05	-0.004392
-4.29E-05	-0.000324	3.54E-07	
166	-1.73E-05	2.63E-05	-0.002730
-4.48E-05	-0.000344	9.02E-08	
167	-1.72E-05	2.61E-05	-0.000985
-4.53E-05	-0.000356	-1.41E-07	
168	-1.73E-05	2.57E-05	-1.33E-08
-4.50E-05	-0.000358	-1.99E-07	
169	-2.31E-05	-3.90E-05	-0.009995
4.70E-05	-0.000358	-3.83E-05	
170	-2.33E-05	-3.77E-05	-0.009000
4.67E-05	-0.000356	-3.09E-05	
171	-2.38E-05	-3.45E-05	-0.007237
4.53E-05	-0.000344	-3.53E-05	
172	-2.42E-05	-3.11E-05	-0.005560
4.29E-05	-0.000323	-3.28E-05	
173	-2.46E-05	-2.72E-05	-0.004007
3.95E-05	-0.000294	-3.00E-05	
174	-2.51E-05	-2.29E-05	-0.002622
3.48E-05	-0.000256	-2.61E-05	
175	-2.55E-05	-1.77E-05	-0.001452
2.87E-05	-0.000209	-2.12E-05	
176	-2.59E-05	-1.20E-05	-0.000544
2.13E-05	-0.000152	-1.53E-05	
177	-2.63E-05	-6.03E-06	6.00E-05
1.29E-05	-9.83E-05	-8.71E-06	
178	-2.67E-05	-1.99E-08	0.000334
3.90E-06	-1.97E-05	-1.43E-06	
179	-2.70E-05	5.45E-06	0.000255
-4.62E-06	5.12E-05	5.89E-06	
180	-2.72E-05	8.59E-06	-6.09E-06
-9.53E-06	9.71E-05	9.75E-06	
181	-2.73E-05	1.08E-05	-0.000422
-1.29E-05	0.000141	1.49E-05	
182	-2.72E-05	1.26E-05	-0.001279
-1.63E-05	0.000200	2.25E-05	
183	-2.72E-05	1.33E-05	-0.002401
-1.80E-05	0.000247	2.74E-05	
184	-2.70E-05	1.32E-05	-0.003709
-1.85E-05	0.000277	3.05E-05	
185	-2.69E-05	1.24E-05	-0.005115
-1.79E-05	0.000285	3.16E-05	
186	-2.67E-05	1.09E-05	-0.006511
-1.60E-05	0.000272	3.02E-05	
187	-2.66E-05	8.91E-06	-0.007788
-1.29E-05	0.000237	2.69E-05	
188	-2.64E-05	6.54E-06	-0.008840
-8.80E-06	0.000184	2.08E-05	
189	-2.63E-05	4.03E-06	-0.009593
-4.19E-06	0.000116	1.36E-05	
190	-2.62E-05	1.74E-06	-0.009972
3.71E-08	3.60E-05	4.50E-06	
191	-2.62E-05	-1.14E-06	-0.009998
2.23E-06	-2.08E-05	-1.07E-06	
192	-2.62E-05	-3.96E-07	-0.009827
3.28E-06	-7.71E-05	-6.74E-06	
193	-2.62E-05	-1.06E-06	-0.009248
3.52E-06	-0.000154	-1.57E-05	
194	-2.61E-05	-1.27E-06	-0.008313
2.70E-06	-0.000218	-2.29E-05	
195	-2.61E-05	-1.20E-06	-0.007108
1.58E-06	-0.000264	-2.74E-05	
196	-2.61E-05	-9.99E-07	-0.005724
3.78E-07	-0.000289	-3.01E-05	
197	-2.60E-05	-7.29E-07	-0.004278
-8.42E-07	-0.000289	-3.02E-05	
198	-2.59E-05	-3.96E-07	-0.002894
-2.04E-06	-0.000264	-2.76E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-2.58E-05	-6.78E-08	-0.001689
-3.15E-06	-0.000218	-2.28E-05	
200	-2.57E-05	1.11E-07	-0.000753
-3.91E-06	-0.000155	-1.62E-05	
201	-2.57E-05	-3.74E-08	-0.000173
-3.53E-06	-7.73E-05	-7.30E-06	
202	-2.56E-05	-4.90E-07	-2.33E-06
-2.23E-06	-2.10E-05	-1.66E-06	
203	-2.56E-05	-1.19E-06	-2.75E-05
2.06E-07	3.58E-05	3.87E-06	
204	-2.56E-05	-2.62E-06	-0.000406
4.57E-06	0.000116	-1.29E-05	
205	-2.57E-05	-4.18E-06	-0.001158
9.22E-06	0.000184	2.02E-05	
206	-2.58E-05	-5.58E-06	-0.002211
1.33E-05	0.000237	2.59E-05	
207	-2.59E-05	-6.63E-06	-0.003488
1.64E-05	0.000272	2.97E-05	
208	-2.60E-05	-7.20E-06	-0.004884
1.83E-05	0.000285	3.11E-05	
209	-2.61E-05	-7.19E-06	-0.006291
1.89E-05	0.000276	3.01E-05	
210	-2.62E-05	-6.57E-06	-0.007600
1.82E-05	0.000247	2.70E-05	
211	-2.62E-05	-5.62E-06	-0.008723
1.63E-05	0.000201	2.22E-05	
212	-2.62E-05	-2.94E-06	-0.009580
1.27E-05	0.000142	1.47E-05	
213	-2.62E-05	-6.57E-07	-0.009998
9.12E-06	9.72E-05	9.59E-06	
214	-2.61E-05	2.09E-06	-0.010258
4.29E-06	4.95E-05	5.12E-06	
215	-2.59E-05	6.65E-06	-0.010336
-3.97E-06	-1.98E-05	-1.49E-06	
216	-2.56E-05	1.15E-05	-0.010061
-1.28E-05	-8.85E-05	-8.73E-06	
217	-2.53E-05	1.62E-05	-0.009457
-2.11E-05	-0.000152	-1.53E-05	
218	-2.50E-05	1.93E-05	-0.008549
-2.85E-05	-0.000209	-2.12E-05	
219	-2.47E-05	2.40E-05	-0.007379
-3.45E-05	-0.000256	-2.60E-05	
220	-2.45E-05	2.68E-05	-0.005994
-3.92E-05	-0.000294	-2.99E-05	
221	-2.42E-05	2.89E-05	-0.004441
-4.26E-05	-0.000323	-3.27E-05	
222	-2.39E-05	3.07E-05	-0.002764
-4.50E-05	-0.000344	-3.52E-05	
223	-2.36E-05	3.24E-05	-0.001002
-4.67E-05	-0.000356	-3.08E-05	
224	-2.35E-05	3.29E-05	-7.84E-06
-4.74E-05	-0.000358	-3.81E-05	
225	-1.78E-05	-3.36E-05	-0.010003
4.56E-05	-0.000359	-3.86E-05	
226	-1.78E-05	-3.35E-05	-0.009013
4.64E-05	-0.000357	-3.11E-05	
227	-1.80E-05	-3.16E-05	-0.007261
4.57E-05	-0.000344	-3.57E-05	
228	-1.85E-05	-2.85E-05	-0.005593
4.34E-05	-0.000323	-3.34E-05	
229	-1.90E-05	-2.44E-05	-0.004046
3.98E-05	-0.000295	-3.06E-05	
230	-1.96E-05	-1.97E-05	-0.002665
3.50E-05	-0.000257	-2.67E-05	
231	-2.03E-05	-1.46E-05	-0.001494
2.88E-05	-0.000211	-2.18E-05	
232	-2.09E-05	-9.36E-06	-0.000580
2.14E-05	-0.000154	-1.59E-05	
233	-2.15E-05	-4.15E-06	3.42E-05
1.31E-05	-9.15E-05	-9.28E-06	
234	-2.21E-05	6.78E-07	0.000323
4.29E-06	-2.28E-05	-1.94E-06	
235	-2.26E-05	4.84E-06	0.000258
-4.07E-06	-4.87E-05	5.46E-06	
236	-2.28E-05	7.30E-06	5.27E-06
-8.89E-06	9.61E-06	9.39E-06	
237	-2.31E-05	9.44E-06	-0.000408
-1.27E-05	0.000142	1.46E-05	
238	-2.34E-05	1.15E-05	-0.001263
-1.64E-05	0.000202	2.22E-05	
239	-2.36E-05	1.06E-05	-0.002386
-1.83E-05	0.000248	2.72E-05	
240	-2.37E-05	1.26E-05	-0.003694
-1.88E-05	0.000277	3.03E-05	
241	-2.37E-05	1.17E-05	-0.005099
-1.81E-05	0.000286	3.14E-05	
242	-2.37E-05	1.02E-05	-0.006496
-1.62E-05	0.000274	3.01E-05	
243	-2.37E-05	8.28E-06	-0.007774
-1.30E-05	0.000239	2.64E-05	
244	-2.37E-05	5.95E-06	-0.008831
-8.91E-06	0.000186	2.08E-05	
245	-2.37E-05	3.45E-06	-0.009590
-4.30E-06	0.000118	1.36E-05	
246	-2.37E-05	1.06E-06	-0.009975
2.16E-07	3.70E-05	4.50E-06	
247	-2.37E-05	-2.47E-07	-0.010003
2.73E-06	-2.05E-05	-1.16E-06	
248	-2.37E-05	-9.54E-07	-0.009833
3.50E-06	-7.77E-05	-6.92E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-2.38E-05	-1.32E-06	-0.009251
3.51E-06	-0.000156	-1.59E-05	
250	-2.38E-05	-1.38E-06	-0.008313
2.73E-06	-0.000220	-2.27E-05	
251	-2.39E-05	-1.28E-06	-0.007106
1.61E-06	-0.000265	-2.76E-05	
252	-2.40E-05	-1.07E-06	-0.005722
4.00E-07	-0.000290	-3.02E-05	
253	-2.41E-05	-7.87E-07	-0.004277
-8.46E-07	-0.000290	-3.03E-05	
254	-2.41E-05	-4.42E-07	-0.002893
-2.05E-06	-0.000265	-2.77E-05	
255	-2.42E-05	-5.91E-08	-0.001687
-3.14E-06	-0.000220	-2.30E-05	
256	-2.42E-05	-1.22E-07	-0.000748
-3.85E-06	-0.000156	-1.64E-05	
257	-2.43E-05	5.26E-07	-0.000167
-3.68E-06	-7.76E-05	-7.39E-06	
258	-2.43E-05	3.13E-07	2.71E-06
-2.71E-06	-2.04E-05	-1.64E-06	
259	-2.43E-05	-4.24E-07	-2.54E-05
-1.53E-08	3.71E-05	3.95E-06	
260	-2.43E-05	-1.91E-06	-0.000411
4.62E-06	0.000118	1.30E-05	
261	-2.43E-05	-3.44E-06	-0.001170
9.26E-06	0.000186	2.02E-05	
262	-2.43E-05	-4.75E-06	-0.002227
1.33E-05	0.000239	2.61E-05	
263	-2.43E-05	-5.74E-06	-0.003505
1.64E-05	0.000274	2.94E-05	
264	-2.42E-05	-6.32E-06	-0.004901
1.83E-05	0.000286	3.07E-05	
265	-2.41E-05	-6.44E-06	-0.006306
1.89E-05	0.000277	2.97E-05	
266	-2.40E-05	-6.03E-06	-0.007613
1.83E-05	0.000248	2.66E-05	
267	-2.38E-05	-5.05E-06	-0.008736
1.64E-05	0.000202	2.17E-05	
268	-2.36E-05	-3.40E-06	-0.009590
1.29E-05	0.000141	1.42E-05	
269	-2.34E-05	-1.61E-06	-0.010003
9.51E-06	9.61E-05	8.96E-06	
270	-2.31E-05	8.54E-07	-0.010256
4.33E-06	4.89E-05	4.97E-06	
271	-2.26E-05	4.99E-06	-0.010321
-4.30E-06	-2.27E-05	-2.42E-06	
272	-2.21E-05	9.35E-06	-0.010034
-1.31E-05	-9.13E-05	-9.67E-06	
273	-2.15E-05	1.36E-05	-0.009420
-2.14E-05	-0.000154	-1.62E-05	
274	-2.10E-05	1.76E-05	-0.008507
-2.88E-05	-0.000211	-2.21E-05	
275	-2.05E-05	2.12E-05	-0.007336
-3.49E-05	-0.000257	-2.70E-05	
276	-2.01E-05	2.43E-05	-0.005954
-3.98E-05	-0.000295	-3.08E-05	
277	-1.98E-05	2.65E-05	-0.004407
-4.34E-05	-0.000324	-3.36E-05	
278	-1.96E-05	2.75E-05	-0.002739
-4.58E-05	-0.000344	-3.59E-05	
279	-1.97E-05	2.69E-05	-0.000985
-4.63E-05	-0.000357	-3.70E-05	
280	-1.99E-05	2.54E-05	5.32E-06
-4.52E-05	-0.000359	-3.87E-05	
281	0.000368	-5.97E-22	-0.010000
3.95E-05	-0.000360	1.15E-06	
282	-0.000147	7.36E-23	.000000
-6.77E-06	9.80E-05	8.19E-07	
283	-2.31E-06	-1.79E-06	-0.010000
-1.56E-06	-2.10E-05	-3.17E-07	
284	.000000	.000000	.000000
2.12E-06	-2.14E-05	-1.82E-07	
285	-0.000146	-8.97E-22	-0.010000
5.96E-07	9.82E-05	7.71E-07	
286	0.000367	-2.27E-22	.000000
-3.55E-05	-0.000360	1.15E-06	
287	0.000375	-1.89E-21	-0.010000
3.01E-05	-0.000360	-6.17E-08	
288	-0.000141	-1.34E-22	.000000
-6.72E-06	9.69E-05	7.22E-07	
289	2.69E-08	.000000	-0.010000
5.08E-07	-2.07E-05	-3.00E-07	
290	.000000	.000000	.000000
2.28E-09	-2.07E-05	-1.53E-07	
291	-0.000141	-1.20E-23	-0.010000
2.57E-06	9.71E-05	6.73E-07	
292	0.000374	-6.17E-22	.000000
-2.20E-05	-0.000361	-6.95E-07	
293	0.000370	-1.72E-22	-0.010000
1.33E-05	-0.000361	3.15E-07	
294	-0.000136	1.42E-05	.000000
3.84E-06	9.60E-05	6.16E-07	
295	1.72E-06	-2.95E-06	-0.010000
-4.41E-06	-2.02E-05	-2.81E-07	
296	-1.61E-24	2.87E-06	.000000
2.61E-06	-2.02E-05	-1.72E-07	
297	-0.000136	-1.86E-05	-0.010000
-1.09E-05	9.54E-05	5.67E-07	
298	0.000376	2.73E-05	.000000
3.85E-06	-0.000361	-1.99E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

LOAD -2N+2- ------------------

JOINT	U1	U2	U3
R1	R2	R3	
1	2.76E-05	4.38E-05	-1.48E-08
-4.42E-05	0.000359	-1.15E-06	
2	2.79E-05	4.07E-05	-0.001000
-4.49E-05	0.000357	-1.08E-06	
3	2.83E-05	3.59E-05	-0.002770
-4.44E-05	0.000345	-8.20E-07	
4	2.85E-05	3.22E-05	-0.004454
-4.25E-05	0.000324	7.04E-07	
5	2.86E-05	2.86E-05	-0.006012
-3.95E-05	0.000294	-7.59E-07	
6	2.87E-05	2.44E-05	-0.007401
-3.52E-05	0.000256	-9.03E-07	
7	2.88E-05	1.95E-05	-0.008572
-2.96E-05	0.000208	-1.07E-06	
8	2.90E-05	1.37E-05	-0.009479
-2.29E-05	0.000151	-1.21E-06	
9	2.92E-05	7.38E-06	-0.010079
-1.54E-05	8.70E-05	-1.31E-06	
10	2.94E-05	7.43E-07	-0.010349
-7.71E-06	1.82E-05	-1.32E-06	
11	2.95E-05	-5.54E-06	-0.010264
-4.22E-07	-5.24E-05	-1.15E-06	
12	2.96E-05	-9.06E-06	-0.010000
3.70E-06	-9.81E-05	-8.19E-07	
13	2.95E-05	-1.12E-05	-0.009581
7.74E-06	-0.000142	-4.64E-07	
14	2.93E-05	-1.28E-05	-0.008722
1.24E-05	-0.000201	-1.96E-07	
15	2.91E-05	-1.34E-05	-0.007598
1.55E-05	-0.000246	-4.66E-08	
16	2.88E-05	-1.33E-05	-0.006287
1.71E-05	-0.000275	7.80E-08	
17	2.85E-05	-1.26E-05	-0.004879
1.74E-05	-0.000285	2.06E-07	
18	2.83E-05	-1.12E-05	-0.003481
1.62E-05	-0.000272	3.06E-07	
19	2.80E-05	-9.31E-06	-0.002203
1.39E-05	-0.000236	4.29E-07	
20	2.78E-05	-7.03E-06	-0.001151
1.08E-05	-0.000183	4.64E-07	
21	2.77E-05	-4.79E-06	-0.000401
7.21E-06	-0.000115	4.15E-07	
22	2.76E-05	-2.95E-06	-2.42E-05
3.64E-06	-3.51E-05	3.22E-07	
23	2.75E-05	-1.87E-06	-6.70E-08
1.56E-06	2.10E-05	3.17E-07	
24	2.75E-05	-7.47E-07	-0.000170
4.62E-07	7.67E-05	3.05E-07	
25	2.74E-05	4.52E-07	-0.000748
-4.11E-07	0.000154	1.75E-07	
26	2.73E-05	9.90E-07	-0.001683
-6.49E-07	0.000218	5.73E-08	
27	2.72E-05	1.08E-06	-0.002889
-4.51E-07	0.000263	-5.78E-09	
28	2.71E-05	9.46E-07	-0.004275
-4.10E-08	0.000288	-3.23E-08	
29	2.69E-05	7.25E-07	-0.005722
4.41E-07	0.000288	-4.47E-08	
30	2.67E-05	4.74E-07	-0.007108
8.31E-07	0.000263	-4.28E-08	
31	2.64E-05	3.16E-07	-0.008314
9.82E-07	0.000218	-4.58E-09	
32	2.61E-05	4.87E-07	-0.009249
6.59E-07	0.000154	8.73E-08	
33	2.59E-05	1.19E-06	-0.009829
-3.51E-07	7.70E-05	1.90E-07	
34	2.57E-05	1.88E-06	-0.010000
-1.57E-06	2.14E-05	1.82E-07	
35	2.58E-05	2.45E-06	-0.009977
-3.78E-06	-3.48E-05	1.17E-07	
36	2.60E-05	3.46E-06	-0.009602
-7.50E-06	-0.000115	2.38E-07	
37	2.62E-05	4.78E-06	-0.008851
-1.12E-05	-0.000183	2.75E-07	
38	2.64E-05	6.10E-06	-0.007799
-1.44E-05	-0.

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	2.47E-05	5.33E-06	-0.001271
-1.58E-05	-0.000201	-2.63E-07	
100	2.45E-05	3.68E-06	-0.000415
-1.16E-05	-0.000141	-4.35E-07	
101	2.44E-05	1.82E-06	-5.25E-08
-7.61E-06	-9.68E-05	-6.73E-07	
102	2.41E-05	-9.29E-07	0.000257
-3.25E-06	-5.01E-05	-8.88E-07	
103	2.37E-05	-5.59E-06	0.000329
4.65E-06	2.12E-05	-9.73E-07	
104	2.32E-05	-1.04E-05	4.76E-05
1.31E-05	8.99E-05	-9.47E-07	
105	2.28E-05	-1.49E-05	-0.000561
2.12E-05	0.000153	-8.76E-07	
106	2.23E-05	-1.90E-05	-0.001472
2.86E-05	0.000210	-7.80E-07	
107	2.19E-05	-2.27E-05	-0.002643
3.48E-05	0.000257	-6.68E-07	
108	2.15E-05	-2.56E-05	-0.004026
3.99E-05	0.000295	-5.37E-07	
109	2.12E-05	-2.79E-05	-0.005576
4.37E-05	0.000323	-3.44E-07	
110	2.11E-05	-2.88E-05	-0.007248
4.67E-05	0.000344	3.69E-09	
111	2.12E-05	-2.76E-05	-0.009007
4.89E-05	0.000356	5.22E-07	
112	2.14E-05	-2.59E-05	-0.010000
4.99E-05	0.000358	6.95E-07	
113	1.43E-05	3.35E-05	-1.37E-08
-4.58E-05	0.000358	-3.15E-07	
114	1.45E-05	3.26E-05	-0.000985
-4.59E-05	0.000356	-3.67E-07	
115	1.49E-05	3.03E-05	-0.002730
-4.52E-05	0.000344	-5.59E-07	
116	1.54E-05	2.71E-05	-0.004391
-4.32E-05	0.000323	-7.66E-07	
117	1.61E-05	2.29E-05	-0.005933
-4.00E-05	0.000295	-9.27E-07	
118	1.69E-05	1.81E-05	-0.007312
-3.56E-05	0.000258	-1.02E-06	
119	1.77E-05	1.30E-05	-0.008482
-2.99E-05	0.000211	-1.06E-06	
120	1.86E-05	7.79E-06	-0.009397
-2.32E-05	0.000155	-1.12E-06	
121	1.94E-05	2.83E-06	-0.010015
-1.58E-05	9.24E-05	-9.75E-07	
122	2.01E-05	-1.67E-06	-0.010309
-7.98E-06	2.37E-05	-8.63E-07	
123	2.08E-05	-5.55E-06	-0.010249
-3.79E-07	-4.82E-05	-7.24E-07	
124	2.11E-05	-7.83E-06	-0.010000
4.19E-06	-9.60E-05	-6.16E-07	
125	2.15E-05	-9.73E-06	-0.009590
8.15E-06	-0.000142	-4.93E-07	
126	2.19E-05	-1.16E-05	-0.008737
1.28E-05	-0.000202	-2.89E-07	
127	2.22E-05	-1.25E-05	-0.007616
1.59E-05	-0.000249	-8.16E-08	
128	2.25E-05	-1.24E-05	-0.006310
1.75E-05	-0.000278	1.06E-07	
129	2.26E-05	-1.14E-05	-0.004907
1.77E-05	-0.000287	2.60E-07	
130	2.27E-05	-9.82E-06	-0.003513
1.65E-05	-0.000274	3.77E-07	
131	2.27E-05	-7.74E-06	-0.002235
1.42E-05	-0.000239	4.51E-07	
132	2.27E-05	-5.40E-06	-0.001178
1.11E-05	-0.000187	4.86E-07	
133	2.27E-05	-3.01E-06	-0.000417
7.54E-06	-0.000118	4.66E-07	
134	2.26E-05	-8.91E-07	-2.94E-05
4.02E-06	-3.76E-05	3.77E-07	
135	2.26E-05	2.49E-07	-8.52E-08
2.07E-06	2.05E-05	2.81E-07	
136	2.26E-05	1.04E-06	-0.000170
7.27E-07	7.82E-05	1.79E-07	
137	2.26E-05	1.60E-06	-0.000753
-2.95E-07	0.000137	6.06E-08	
138	2.27E-05	1.69E-06	-0.001692
-6.01E-07	0.000221	-1.17E-08	
139	2.28E-05	1.51E-06	-0.002898
-4.67E-07	0.000266	-5.11E-08	
140	2.29E-05	1.17E-06	-0.004280
-6.03E-08	0.000291	-7.38E-08	
141	2.31E-05	7.43E-07	-0.005722
4.20E-07	0.000291	-8.84E-08	
142	2.33E-05	2.60E-07	-0.007104
8.03E-07	0.000266	-9.57E-08	
143	2.35E-05	-2.23E-07	-0.008310
8.86E-07	0.000221	-8.71E-08	
144	2.38E-05	-5.90E-07	-0.009248
4.96E-07	0.000157	-4.65E-08	
145	2.41E-05	-6.40E-07	-0.009831
-6.49E-07	7.81E-05	4.11E-08	
146	2.43E-05	-3.65E-07	-0.010000
-2.09E-06	2.03E-05	1.23E-07	
147	2.43E-05	1.97E-07	-0.009970
-4.13E-06	-3.13E-05	1.39E-07	
148	2.43E-05	1.39E-06	-0.009581
-7.74E-06	-0.000119	2.70E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	2.43E-05	2.78E-06	-0.008820
-1.13E-05	-0.000187	2.79E-07	
150	2.42E-05	4.11E-06	-0.007763
-1.45E-05	-0.000239	2.44E-07	
151	2.41E-05	5.19E-06	-0.006486
-1.68E-05	-0.000274	1.80E-07	
152	2.40E-05	5.91E-06	-0.005092
-1.80E-05	-0.000287	9.83E-08	
153	2.38E-05	6.20E-06	-0.003689
-1.79E-05	-0.000278	3.56E-10	
154	2.35E-05	5.97E-06	-0.002384
-1.64E-05	-0.000248	-1.15E-07	
155	2.32E-05	5.10E-06	-0.001263
-1.34E-05	-0.000202	-2.58E-07	
156	2.28E-05	3.44E-06	-0.000410
-8.97E-06	-0.000142	-4.36E-07	
157	2.25E-05	1.73E-06	-6.07E-08
-5.09E-06	-9.59E-05	-5.67E-07	
158	2.21E-05	-4.04E-07	0.000249
-4.23E-07	-4.81E-05	-6.82E-07	
159	2.15E-05	-4.03E-06	0.000309
7.41E-06	2.37E-05	-7.94E-07	
160	2.08E-05	-8.04E-06	1.54E-05
1.54E-05	9.24E-05	-8.39E-07	
161	2.01E-05	-1.21E-05	-0.000602
2.29E-05	0.000155	-8.62E-07	
162	1.94E-05	-1.61E-05	-0.001517
2.97E-05	0.000211	-7.87E-07	
163	1.87E-05	-1.98E-05	-0.002687
3.53E-05	0.000258	-7.04E-07	
164	1.81E-05	-2.29E-05	-0.004066
3.98E-05	0.000295	-5.64E-07	
165	1.76E-05	-2.52E-05	-0.005608
4.29E-05	0.000324	-3.54E-07	
166	1.73E-05	-2.63E-05	-0.007270
4.48E-05	0.000344	-9.02E-08	
167	1.72E-05	-2.61E-05	-0.009015
4.53E-05	0.000356	1.41E-07	
168	1.73E-05	-2.57E-05	-0.010000
4.50E-05	0.000358	1.99E-07	
169	2.31E-05	3.90E-05	-4.87E-06
-4.70E-05	0.000358	3.83E-05	
170	2.33E-05	3.77E-05	-0.001000
-4.67E-05	0.000356	3.09E-05	
171	2.38E-05	3.45E-05	-0.002763
-4.53E-05	0.000344	3.53E-05	
172	2.42E-05	3.11E-05	-0.004440
-4.29E-05	0.000323	3.28E-05	
173	2.46E-05	2.72E-05	-0.005993
-3.95E-05	0.000294	3.00E-05	
174	2.51E-05	2.28E-05	-0.007378
-3.48E-05	0.000256	2.61E-05	
175	2.55E-05	1.77E-05	-0.008548
-2.87E-05	0.000209	2.12E-05	
176	2.59E-05	1.20E-05	-0.009456
-2.13E-05	0.000152	1.53E-05	
177	2.63E-05	6.03E-06	-0.010060
-1.29E-05	8.83E-05	8.71E-06	
178	2.67E-05	1.99E-08	-0.010334
-3.90E-06	2.45E-05	1.43E-06	
179	2.70E-05	-5.45E-06	-0.010255
4.62E-06	-5.12E-05	-5.89E-06	
180	2.72E-05	-8.59E-06	-0.009994
9.53E-06	-9.71E-05	-9.75E-06	
181	2.73E-05	-1.08E-05	-0.009578
1.29E-05	-0.000141	-1.49E-05	
182	2.72E-05	-1.14E-05	-0.008721
1.63E-05	-0.000200	-2.25E-05	
183	2.72E-05	-1.33E-05	-0.007599
1.80E-05	-0.000247	-2.74E-05	
184	2.70E-05	-1.32E-05	-0.006291
1.85E-05	-0.000275	-3.05E-05	
185	2.69E-05	-1.24E-05	-0.004885
1.77E-05	-0.000285	-3.16E-05	
186	2.67E-05	-1.09E-05	-0.003489
1.60E-05	-0.000272	-3.02E-05	
187	2.66E-05	-8.91E-06	-0.002212
1.29E-05	-0.000237	-2.65E-05	
188	2.64E-05	-6.54E-06	-0.001160
8.80E-06	-0.000184	-2.04E-05	
189	2.63E-05	-4.03E-06	-0.000407
4.19E-06	-0.000116	-1.36E-05	
190	2.62E-05	-1.74E-06	-2.81E-05
-3.71E-08	-3.60E-05	-4.50E-06	
191	2.62E-05	-5.14E-07	-2.28E-06
-2.23E-06	2.08E-05	1.07E-06	
192	2.62E-05	3.00E-06	-0.000173
-3.28E-06	7.71E-05	6.74E-06	
193	2.62E-05	1.06E-06	-0.000752
-3.52E-06	0.000154	1.57E-05	
194	2.61E-05	1.27E-06	-0.001687
-2.70E-06	0.000218	2.25E-05	
195	2.61E-05	1.20E-06	-0.002892
-1.58E-06	0.000264	2.76E-05	
196	2.61E-05	9.99E-07	-0.004276
-3.78E-07	0.000289	3.01E-05	
197	2.60E-05	7.29E-07	-0.005722
8.42E-07	0.000289	3.02E-05	
198	2.59E-05	3.96E-07	-0.007106
2.04E-06	0.000264	2.76E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	2.58E-05	6.78E-08	-0.008311
3.15E-06	0.000218	2.28E-05	
200	2.57E-05	-1.11E-07	-0.009247
3.91E-06	0.000155	1.62E-05	
201	2.57E-05	3.14E-08	-0.009827
3.53E-06	7.73E-05	7.30E-06	
202	2.56E-05	4.90E-08	-0.009998
2.23E-06	2.10E-05	1.66E-06	
203	2.56E-05	1.19E-06	-0.009972
-2.06E-07	-3.58E-05	-3.87E-06	
204	2.56E-05	2.62E-06	-0.009594
-4.57E-06	-0.000116	-1.29E-05	
205	2.57E-05	4.18E-06	-0.008842
-9.22E-06	-0.000184	-2.02E-05	
206	2.58E-05	5.58E-06	-0.007789
-1.33E-05	-0.000237	-2.59E-05	
207	2.59E-05	6.63E-06	-0.006512
-1.64E-05	-0.000272	-2.97E-05	
208	2.60E-05	7.20E-06	-0.005116
-1.83E-05	-0.000285	-3.11E-05	
209	2.61E-05	7.13E-06	-0.003709
-1.89E-05	-0.000276	-3.01E-05	
210	2.62E-05	6.57E-06	-0.002400
-1.82E-05	-0.000247	-2.70E-05	
211	2.62E-05	5.20E-06	-0.001277
-1.63E-05	-0.000201	-2.22E-05	
212	2.62E-05	2.14E-06	-0.000420
-1.27E-05	-0.000142	-1.47E-05	
213	2.62E-05	6.57E-07	-2.23E-06
-9.12E-06	-9.72E-05	-9.59E-06	
214	2.61E-05	-2.09E-06	0.000258
-4.29E-06	-5.09E-05	-5.76E-06	
215	2.59E-05	-6.65E-06	0.000336
3.97E-06	1.98E-05	-1.46E-06	
216	2.56E-05	-1.15E-05	6.15E-05
1.28E-05	8.85E-05	8.73E-06	
217	2.53E-05	-1.62E-05	-0.000543
2.11E-05	0.000152	1.53E-05	
218	2.50E-05	-2.05E-05	-0.001451
2.85E-05	0.000209	2.12E-05	
219	2.47E-05	-2.40E-05	-0.002621
3.45E-05	0.000256	2.60E-05	
220	2.45E-05	-2.68E-05	-0.004006
3.92E-05	0.000294	2.99E-05	
221	2.42E-05	-2.89E-05	-0.005559
4.26E-05	0.000323	3.27E-05	
222	2.39E-05	-3.07E-05	-0.007236
4.50E-05	0.000344	3.52E-05	
223	2.36E-05	-3.24E-05	-0.008998
4.67E-05	0.000356	3.08E-05	
224	2.35E-05	-3.29E-05	-0.009992
4.74E-05	0.000358	3.81E-05	
225	1.78E-05	3.36E-05	3.18E-06
-4.56E-05	0.000359	3.86E-05	
226	1.78E-05	3.35E-05	-0.000987
-4.64E-05	0.000357	3.11E-05	
227	1.80E-05	3.16E-05	-0.002739
-4.57E-05	0.000344	3.57E-05	
228	1.85E-05	2.85E-05	-0.004407
-4.34E-05	0.000323	3.34E-05	
229	1.90E-05	2.44E-05	-0.005954
-3.98E-05	0.000295	3.06E-05	
230	1.96E-05	1.97E-05	-0.007335
-3.50E-05	0.000257	2.67E-05	
231	2.03E-05	1.46E-05	-0.008506
-2.88E-05	0.000211	2.18E-05	
232	2.09E-05	9.36E-06	-0.009420
-2.14E-05	0.000154	1.59E-05	
233	2.15E-05	4.15E-06	-0.010034
-1.31E-05	9.15E-05	9.28E-06	
234	2.21E-05	-6.78E-07	-0.010323
-4.29E-06	2.28E-05	1.94E-06	
235	2.26E-05	-4.84E-06	-0.010258
4.07E-06	-4.87E-05	-5.46E-06	
236	2.28E-05	-7.30E-06	-0.010005
8.89E-06	-9.61E-05	-9.39E-06	
237	2.31E-05	-9.44E-06	-0.009592
1.27E-05	-0.000142	-1.46E-05	
238	2.34E-05	-1.15E-05	-0.008737
1.64E-05	-0.000202	-2.22E-05	
239	2.35E-05	-1.26E-05	-0.007614
1.83E-05	-0.000248	-2.72E-05	
240	2.36E-05	-1.26E-05	-0.006306
1.88E-05	-0.000277	-3.03E-05	
241	2.37E-05	-1.17E-05	-0.004901
1.81E-05	-0.000286	-3.14E-05	
242	2.37E-05	-1.02E-05	-0.003504
1.62E-05	-0.000274	-3.01E-05	
243	2.37E-05	-8.28E-06	-0.002226
1.30E-05	-0.000239	-2.67E-05	
244	2.37E-05	-5.95E-06	-0.001169
8.91E-06	-0.000186	-2.08E-05	
245	2.37E-05	-3.45E-06	-0.000410
4.30E-06	-0.000118	-1.36E-05	
246	2.37E-05	-1.06E-06	-2.50E-05
-2.16E-07	-3.70E-05	-4.50E-06	
247	2.37E-05	2.47E-07	2.69E-06
-2.73E-06	2.05E-05	1.16E-06	
248	2.37E-05	9.54E-07	-0.000167
-3.50E-06	7.77E-05	6.92E-06	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	2.38E-05	1.32E-06	-0.000749
-3.51E-06	0.000156	1.59E-05	
250	2.38E-05	1.38E-06	-0.001687
-2.73E-06	0.000220	2.27E-05	
251	2.39E-05	1.28E-06	-0.002894
-1.61E-06	0.000265	2.76E-05	
252	2.40E-05	1.07E-06	-0.004278
-4.00E-07	0.000290	3.02E-05	
253	2.41E-05	7.87E-07	-0.005723
8.46E-07	0.000290	3.04E-05	
254	2.41E-05	4.42E-07	-0.007107
2.05E-06	0.000265	2.77E-05	
255	2.42E-05	5.91E-08	-0.008313
3.14E-06	0.000220	2.30E-05	
256	2.42E-05	-3.12E-07	-0.009252
3.85E-06	0.000156	1.64E-05	
257	2.43E-05	-7.67E-07	-0.009833
3.68E-06	7.76E-05	7.39E-06	
258	2.43E-05	-3.13E-07	-0.010003
2.71E-06	2.04E-05	1.64E-06	
259	2.43E-05	4.24E-07	-0.009975
1.53E-08	-3.71E-05	-3.95E-06	
260	2.43E-05	1.91E-07	-0.009589
-4.62E-06	-0.000118	-1.30E-05	
261	2.43E-05	3.44E-06	-0.008830
-9.26E-06	-0.000186	-2.02E-05	
262	2.43E-05	4.75E-06	-0.007773
-1.33E-05	-0.000239	-2.57E-05	
263	2.43E-05	5.74E-06	-0.006495
-1.64E-05	-0.000274	-2.94E-05	
264	2.42E-05	6.32E-06	-0.005099
-1.83E-05	-0.000286	-3.07E-05	
265	2.41E-05	6.44E-06	-0.003694
-1.89E-05	-0.000277	-2.97E-05	
266	2.40E-05	6.03E-06	-0.002387
-1.83E-05	-0.000248	-2.66E-05	
267	2.38E-05	5.05E-06	-0.001264
-1.64E-05	-0.000202	-2.17E-05	
268	2.36E-05	3.40E-06	-0.000410
-1.29E-05	-0.000141	-1.42E-05	
269	2.34E-05	1.61E-06	2.57E-06
-9.51E-06	-9.61E-05	-8.96E-06	
270	2.31E-05	-8.54E-07	0.000256
-4.32E-06	-4.89E-05	-4.97E-06	
271	2.26E-05	-4.99E-06	0.000321
4.30E-06	2.27E-05	2.42E-06	
272	2.21E-05	-9.35E-06	3.37E-05
1.31E-05	9.13E-05	9.67E-06	
273	2.16E-05	-1.36E-05	-0.000580
2.14E-05	0.000154	1.62E-05	
274	2.10E-05	-1.76E-05	-0.001493
2.88E-05	0.000211	2.21E-05	
275	2.05E-05	-2.12E-05	-0.002664
3.49E-05	0.000257	2.70E-05	
276	2.01E-05	-2.43E-05	-0.004046
3.98E-05	0.000295	3.08E-05	
277	1.96E-05	-2.65E-05	-0.005593
4.34E-05	0.000324	3.36E-05	
278	1.96E-05	-2.75E-05	-0.007261
4.58E-05	0.000344	3.59E-05	
279	1.97E-05	-2.69E-05	-0.009015
4.63E-05	0.000357	3.13E-05	
280	1.99E-05	-2.54E-05	-0.010005
4.52E-05	0.000359	3.97E-05	
281	-0.000368	7.11E-23	.000000
-3.95E-05	0.000360	-1.15E-06	
282	0.000147	-8.81E-23	-0.010000
6.77E-06	-9.80E-05	-8.19E-07	
283	2.31E-06	.000000	.000000
1.56E-06	2.10E-05	3.17E-07	
284	.000000	.000000	-0.010000
-2.12E-06	2.14E-05	1.82E-07	
285	0.000146	-4.10E-22	.000000
-5.96E-07	-9.82E-05	-7.71E-07	
286	-0.000367	6.33E-22	-0.010000
3.55E-05	0.000360	-1.19E-06	
287	-0.000375	-2.08E-21	.000000
-3.01E-05	0.000360	6.11E-08	
288	0.000141	-4.32E-22	-0.010000
6.72E-06	-9.69E-05	-7.22E-07	
289	-2.69E-08	.000000	.000000
-5.08E-07	2.07E-05	3.00E-07	
290	.000000	.000000	-0.010000
-2.28E-09	2.07E-05	5.33E-07	
291	0.000141	-3.93E-22	.000000
-2.57E-06	-9.71E-05	-6.73E-07	
292	-0.000374	1.89E-21	-0.010000
2.20E-05	0.000361	6.95E-07	
293	-0.000379	1.74E-05	.000000
-1.33E-05	0.000361	-3.15E-07	
294	0.000153	-1.42E-05	-0.010000
-3.84E-06	-9.60E-05	-6.16E-07	
295	-1.72E-06	2.95E-06	.000000
4.41E-06	2.02E-05	2.81E-07	
296	4.25E-24	-2.87E-06	-0.010000
-2.61E-06	2.02E-05	1.23E-07	
297	0.000136	1.86E-05	.000000
1.09E-05	-9.54E-05	-5.53E-07	
298	-0.000376	-2.73E-05	-0.010000
-3.85E-06	0.000361	1.99E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB SETTLE ---------- MAX

JOINT	U1	U2	U3
R1	R2	R3	
1	0.000177	4.38E-05	9.48E-09
4.42E-05	0.000359	1.15E-06	
2	0.000177	4.07E-05	0.000274
4.49E-05	0.000357	1.08E-06	
3	0.000177	3.59E-05	0.000747
4.44E-05	0.000345	8.20E-07	
4	0.000177	3.22E-05	0.001168
4.25E-05	0.000324	7.04E-07	
5	0.000177	2.86E-05	0.001515
3.95E-05	0.000294	7.59E-07	
6	0.000177	2.44E-05	0.001761
3.52E-05	0.000256	9.03E-07	
7	0.000177	1.96E-05	0.001877
2.96E-05	0.000208	1.07E-06	
8	0.000177	1.48E-05	0.001836
2.29E-05	0.000159	1.21E-06	
9	0.000177	9.48E-06	0.001613
1.58E-05	0.000107	1.31E-06	
10	0.000177	1.21E-05	0.001193
1.24E-05	0.000105	1.32E-06	
11	0.000177	1.83E-05	0.000562
8.96E-06	0.000147	1.15E-06	
12	0.000178	2.14E-05	1.49E-08
6.84E-06	0.000174	8.19E-07	
13	0.000178	2.15E-05	0.000289
7.74E-06	0.000200	4.64E-07	
14	0.000178	1.95E-05	0.000599
1.24E-05	0.000233	3.71E-07	
15	0.000178	1.75E-05	0.000836
1.55E-05	0.000256	2.52E-07	
16	0.000178	1.59E-05	0.001149
1.71E-05	0.000275	1.82E-07	
17	0.000178	1.43E-05	0.001405
1.74E-05	0.000285	2.06E-07	
18	0.000178	1.23E-05	0.001562
1.62E-05	0.000272	3.30E-07	
19	0.000178	9.91E-06	0.001580
1.39E-05	0.000236	4.29E-07	
20	0.000178	7.31E-06	0.001425
1.08E-05	0.000183	4.64E-07	
21	0.000178	4.90E-06	0.001078
7.47E-06	0.000115	4.15E-07	
22	0.000178	3.10E-06	0.000518
5.86E-06	0.000134	3.29E-07	
23	0.000178	2.86E-06	1.52E-08
4.91E-06	0.000163	3.18E-07	
24	0.000178	4.87E-06	0.000477
4.41E-06	0.000190	3.05E-07	
25	0.000178	6.01E-06	0.000990
3.98E-06	0.000226	1.75E-07	
26	0.000179	6.55E-06	0.001306
3.77E-06	0.000252	1.09E-07	
27	0.000179	6.55E-06	0.001444
3.65E-06	0.000265	1.63E-07	
28	0.000179	6.11E-06	0.001423
3.52E-06	0.000288	1.63E-07	
29	0.000179	5.33E-06	0.001422
3.43E-06	0.000288	1.37E-07	
30	0.000179	4.29E-06	0.001443
3.55E-06	0.000263	1.82E-07	
31	0.000179	4.57E-06	0.001305
3.66E-06	0.000218	2.17E-07	
32	0.000179	4.60E-06	0.000989
3.89E-06	0.000154	2.32E-07	
33	0.000179	4.21E-06	0.000476
4.37E-06	0.000123	2.23E-07	
34	0.000180	3.78E-06	1.52E-08
4.92E-06	0.000150	2.00E-07	
35	0.000179	3.42E-06	0.000518
5.94E-06	0.000175	1.67E-07	
36	0.000179	3.46E-06	0.001078
7.61E-06	0.000210	2.38E-07	
37	0.000179	4.78E-06	0.001425
1.12E-05	0.000235	2.75E-07	
38	0.000179	6.10E-06	0.001580
1.44E-05	0.000250	2.53E-07	
39	0.000178	7.10E-06	0.001562
1.68E-05	0.000247	2.03E-07	
40	0.000178	7.60E-06	0.001405
1.79E-05	0.000285	1.34E-07	
41	0.000177	7.68E-06	0.001149
1.78E-05	0.000275	2.12E-07	
42	0.000177	7.56E-06	0.000836
1.63E-05	0.000246	2.71E-07	
43	0.000177	6.82E-06	0.000599
1.35E-05	0.000201	4.74E-07	
44	0.000176	7.55E-06	0.000289
9.25E-06	0.000142	6.93E-07	
45	0.000176	8.65E-06	1.51E-08
7.93E-06	9.80E-05	7.71E-07	
46	0.000176	9.68E-06	0.000563
9.74E-06	0.000167	8.26E-07	
47	0.000176	1.10E-05	0.001193
1.28E-05	0.000132	9.46E-07	
48	0.000176	1.29E-05	0.001612
1.61E-05	0.000156	9.91E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
49	0.000175	1.77E-05	0.001835
2.22E-05	0.000179	9.26E-07	
50	0.000175	2.20E-05	0.001875
2.90E-05	0.000208	7.68E-07	
51	0.000175	2.54E-05	0.001759
3.46E-05	0.000256	5.74E-07	
52	0.000175	2.79E-05	0.001513
3.89E-05	0.000295	4.10E-07	
53	0.000175	2.96E-05	0.001167
4.18E-05	0.000324

2.97E-06	0.000289	1.47E-07	
86	0.000180	3.54E-06	0.001426
2.85E-06	0.000265	1.44E-07	
87	0.000180	4.14E-06	0.001291
2.95E-06	0.000219	1.66E-07	
88	0.000180	4.69E-06	0.000981
3.16E-06	0.000155	1.72E-07	
89	0.000180	5.08E-06	0.000474
3.11E-06	0.000123	1.66E-07	
90	0.000180	5.07E-06	1.60E-08
3.90E-06	0.000150	1.58E-07	
91	0.000180	4.69E-06	0.000514
4.73E-06	0.000176	3.32E-07	
92	0.000180	3.98E-06	0.001067
6.54E-06	0.000211	3.69E-07	
93	0.000180	3.80E-06	0.001408
9.38E-06	0.000236	3.14E-07	
94	0.000180	5.20E-06	0.001559
1.33E-05	0.000251	2.37E-07	
95	0.000180	6.21E-06	0.001540
1.64E-05	0.000273	1.87E-07	
96	0.000180	6.76E-06	0.001384
1.83E-05	0.000286	1.28E-07	
97	0.000180	6.80E-06	0.001132
1.89E-05	0.000276	1.70E-07	
98	0.000180	6.90E-06	0.000823
1.81E-05	0.000247	2.11E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	0.000180	6.71E-06	0.000597
1.58E-05	0.000201	2.63E-07	
100	0.000180	7.68E-06	0.000288
1.16E-05	0.000141	4.35E-07	
101	0.000180	8.56E-06	1.60E-08
7.61E-06	9.68E-05	6.73E-07	
102	0.000180	9.46E-06	0.000557
8.80E-06	0.000108	8.88E-07	
103	0.000181	1.07E-05	0.001179
1.20E-05	0.000133	9.73E-07	
104	0.000181	1.17E-05	0.001591
1.56E-05	0.000158	9.47E-07	
105	0.000182	1.49E-05	0.001808
2.12E-05	0.000181	8.76E-07	
106	0.000182	1.90E-05	0.001846
2.86E-05	0.000210	7.80E-07	
107	0.000182	2.26E-05	0.001730
3.48E-05	0.000257	6.68E-07	
108	0.000183	2.56E-05	0.001488
3.99E-05	0.000295	5.37E-07	
109	0.000183	2.79E-05	0.001147
4.37E-05	0.000323	3.51E-07	
110	0.000183	2.88E-05	0.000733
4.67E-05	0.000344	5.87E-08	
111	0.000183	2.75E-05	0.000268
4.89E-05	0.000356	5.22E-07	
112	0.000183	2.59E-05	9.57E-09
4.99E-05	0.000358	6.95E-07	
113	0.000180	3.35E-05	8.18E-09
4.58E-05	0.000358	6.19E-07	
114	0.000180	3.26E-05	0.000263
4.59E-05	0.000357	6.33E-07	
115	0.000180	3.03E-05	0.000718
4.52E-05	0.000344	6.67E-07	
116	0.000180	2.71E-05	0.001125
4.32E-05	0.000323	7.66E-07	
117	0.000180	2.32E-05	0.001460
4.00E-05	0.000295	9.27E-07	
118	0.000180	1.92E-05	0.001700
3.56E-05	0.000258	1.02E-06	
119	0.000180	1.48E-05	0.001815
2.99E-05	0.000211	1.06E-06	
120	0.000180	1.04E-05	0.001780
2.32E-05	0.000163	1.04E-06	
121	0.000180	6.91E-06	0.001569
1.65E-05	0.000118	9.75E-07	
122	0.000180	8.94E-06	0.001165
1.30E-05	0.000103	8.63E-07	
123	0.000180	1.05E-05	0.000552
9.69E-06	0.000146	7.24E-07	
124	0.000180	1.16E-05	1.57E-08
7.78E-06	0.000174	6.16E-07	
125	0.000180	1.22E-05	0.000288
8.15E-06	0.000200	4.93E-07	
126	0.000180	1.39E-05	0.000594
1.28E-05	0.000234	2.89E-07	
127	0.000180	1.44E-05	0.000810
1.59E-05	0.000257	1.66E-07	
128	0.000180	1.36E-05	0.001115
1.75E-05	0.000278	1.63E-07	
129	0.000180	1.25E-05	0.001364
1.77E-05	0.000287	2.60E-07	
130	0.000180	1.04E-05	0.001519
1.65E-05	0.000274	3.74E-07	
131	0.000180	7.94E-06	0.001539
1.42E-05	0.000238	4.51E-07	
132	0.000180	5.41E-06	0.001391
1.11E-05	0.000187	4.86E-07	
133	0.000180	3.02E-06	0.001056
7.69E-06	0.000118	4.66E-07	
134	0.000180	4.04E-06	0.000510
6.10E-06	0.000133	3.77E-07	
135	0.000180	4.83E-06	1.61E-08
5.20E-06	0.000163	2.81E-07	
136	0.000180	5.38E-06	0.000470
4.58E-06	0.000191	1.79E-07	
137	0.000180	5.72E-06	0.000971
4.07E-06	0.000228	6.06E-08	
138	0.000180	5.61E-06	0.001277
3.81E-06	0.000189	1.01E-07	
139	0.000180	5.17E-06	0.001408
3.64E-06	0.000267	1.47E-07	
140	0.000180	4.49E-06	0.001385
3.50E-06	0.000291	1.70E-07	
141	0.000180	3.63E-06	0.001384
3.45E-06	0.000291	1.77E-07	
142	0.000180	2.85E-06	0.001408
3.59E-06	0.000266	1.73E-07	
143	0.000180	3.68E-06	0.001277
3.77E-06	0.000221	1.54E-07	
144	0.000180	4.37E-06	0.000971
4.05E-06	0.000157	1.22E-07	
145	0.000180	4.82E-06	0.000470
4.58E-06	0.000122	1.20E-07	
146	0.000180	4.92E-06	1.61E-08
5.21E-06	0.000150	1.23E-07	
147	0.000180	4.89E-06	0.000510
6.12E-06	0.000177	2.01E-07	
148	0.000180	4.71E-06	0.001056
7.74E-06	0.000212	2.74E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	0.000180	4.54E-06	0.001391
1.13E-05	0.000237	2.79E-07	
150	0.000180	4.49E-06	0.001539
1.45E-05	0.000252	2.44E-07	
151	0.000180	5.19E-06	0.001518
1.69E-05	0.000274	1.99E-07	
152	0.000181	5.91E-06	0.001364
1.80E-05	0.000287	1.57E-07	
153	0.000181	6.20E-06	0.001115
1.79E-05	0.000278	1.23E-07	
154	0.000181	6.20E-06	0.000810
1.64E-05	0.000248	1.55E-07	
155	0.000181	5.96E-06	0.000594
1.34E-05	0.000202	2.58E-07	
156	0.000182	7.89E-06	0.000288
8.97E-06	0.000142	4.36E-07	
157	0.000182	8.58E-06	1.62E-08
8.26E-06	9.59E-05	5.67E-07	
158	0.000182	9.29E-06	0.000552
1.01E-05	0.000109	6.82E-07	
159	0.000183	1.03E-05	0.001165
1.33E-05	0.000135	7.94E-07	
160	0.000183	1.11E-05	0.001569
1.66E-05	0.000159	8.39E-07	
161	0.000184	1.21E-05	0.001781
2.29E-05	0.000182	8.32E-07	
162	0.000185	1.61E-05	0.001817
2.97E-05	0.000211	7.87E-07	
163	0.000185	1.98E-05	0.001701
3.53E-05	0.000258	7.04E-07	
164	0.000186	2.29E-05	0.001462
3.98E-05	0.000295	5.64E-07	
165	0.000186	2.52E-05	0.001126
4.29E-05	0.000324	3.54E-07	
166	0.000358	2.63E-05	0.000719
4.48E-05	0.000344	1.05E-07	
167	0.000186	2.61E-05	0.000263
4.53E-05	0.000356	1.41E-07	
168	0.000186	2.57E-05	7.76E-09
4.50E-05	0.000358	1.99E-07	
169	0.000179	3.90E-05	2.72E-06
4.70E-05	0.000358	3.83E-05	
170	0.000179	3.77E-05	0.000269
4.67E-05	0.000356	3.09E-05	
171	0.000179	3.45E-05	0.000738
4.53E-05	0.000344	3.53E-05	
172	0.000179	3.11E-05	0.001156
4.29E-05	0.000323	3.29E-05	
173	0.000179	2.72E-05	0.001500
3.95E-05	0.000294	3.00E-05	
174	0.000179	2.28E-05	0.001743
3.48E-05	0.000256	2.61E-05	
175	0.000179	1.83E-05	0.001859
2.87E-05	0.000209	2.12E-05	
176	0.000179	1.35E-05	0.001818
2.13E-05	0.000160	1.64E-05	
177	0.000179	8.48E-06	0.001597
1.54E-05	0.000108	1.10E-05	
178	0.000179	1.08E-05	0.001179
1.18E-05	0.000105	8.34E-06	
179	0.000179	1.47E-05	0.000551
8.53E-06	0.000147	1.22E-05	
180	0.000179	1.68E-05	4.01E-06
9.53E-06	0.000174	1.39E-05	
181	0.000179	1.77E-05	0.000289
1.29E-05	0.000199	1.77E-05	
182	0.000179	1.77E-05	0.000598
1.63E-05	0.000232	2.29E-05	
183	0.000179	1.69E-05	0.000830
1.80E-05	0.000256	2.74E-05	
184	0.000179	1.56E-05	0.001141
1.85E-05	0.000275	3.05E-05	
185	0.000179	1.40E-05	0.001395
1.79E-05	0.000285	3.16E-05	
186	0.000179	1.19E-05	0.001551
1.60E-05	0.000272	3.02E-05	
187	0.000179	9.38E-06	0.001569
1.29E-05	0.000237	2.65E-05	
188	0.000179	6.72E-06	0.001415
8.80E-06	0.000184	2.08E-05	
189	0.000179	4.13E-06	0.001071
6.05E-06	0.000116	1.36E-05	
190	0.000179	3.35E-06	0.000515
4.09E-06	0.000133	1.27E-05	
191	0.000179	4.48E-06	1.34E-07
3.05E-06	0.000163	1.44E-05	
192	0.000179	5.38E-06	0.000474
3.28E-06	0.000190	1.83E-05	
193	0.000116	5.11E-06	0.000984
3.52E-06	0.000226	2.36E-05	
194	0.000179	6.36E-06	0.001297
2.70E-06	0.000252	2.64E-05	
195	0.000179	6.20E-06	0.001434
2.92E-06	0.000265	2.78E-05	
196	0.000179	5.69E-06	0.001413
3.07E-06	0.000289	3.01E-05	
197	0.000179	4.89E-06	0.001412
3.08E-06	0.000289	3.02E-05	
198	0.000180	3.86E-06	0.001433
2.93E-06	0.000264	2.76E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	0.000180	4.40E-06	0.001297
3.15E-06	0.000218	2.29E-05	
200	0.000180	4.71E-06	0.000983
3.91E-06	0.000155	1.62E-05	
201	0.000180	4.74E-06	0.000474
3.53E-06	0.000123	1.23E-05	
202	0.000180	4.48E-06	1.26E-07
3.04E-06	0.000150	1.38E-05	
203	0.000180	4.10E-06	0.000515
4.20E-06	0.000176	1.76E-05	
204	0.000180	3.51E-06	0.001071
6.22E-06	0.000210	2.28E-05	
205	0.000179	4.18E-06	0.001415
9.22E-06	0.000236	2.55E-05	
206	0.000179	5.58E-06	0.001569
1.33E-05	0.000250	2.72E-05	
207	0.000179	6.63E-06	0.001550
1.64E-05	0.000272	2.97E-05	
208	0.000179	7.20E-06	0.001394
1.83E-05	0.000285	3.11E-05	
209	0.000179	7.22E-06	0.001140
1.89E-05	0.000276	3.01E-05	
210	0.000179	7.27E-06	0.000829
1.82E-05	0.000247	2.70E-05	
211	0.000178	6.84E-06	0.000597
1.63E-05	0.000201	2.22E-05	
212	0.000178	7.60E-06	0.000287
1.27E-05	0.000142	1.47E-05	
213	0.000178	8.60E-06	1.81E-07
9.12E-06	9.72E-05	9.59E-06	
214	0.000178	9.57E-06	0.000559
8.35E-06	0.000107	9.47E-06	
215	0.000178	1.08E-05	0.001184
1.17E-05	0.000132	1.29E-05	
216	0.000178	1.19E-05	0.001600
1.54E-05	0.000193	1.54E-05	
217	0.000179	1.62E-05	0.001821
2.11E-05	0.000180	1.77E-05	
218	0.000179	2.05E-05	0.001860
2.85E-05	0.000209	2.12E-05	
219	0.000179	2.40E-05	0.001744
3.45E-05	0.000256	2.60E-05	
220	0.000179	2.68E-05	0.001501
3.92E-05	0.000294	2.99E-05	
221	0.000180	2.89E-05	0.001157
4.26E-05	0.000323	3.27E-05	
222	0.000180	3.07E-05	0.000740
4.50E-05	0.000344	3.52E-05	
223	0.000181	3.24E-05	0.000272
4.67E-05	0.000356	3.08E-05	
224	0.000181	3.29E-05	3.93E-06
4.74E-05	0.000358	3.81E-05	
225	0.000180	3.36E-05	3.18E-06
4.56E-05	0.000359	3.86E-05	
226	0.000180	3.35E-05	0.000267
4.64E-05	0.000357	3.11E-05	
227	0.000180	3.16E-05	0.000726
4.57E-05	0.000344	3.57E-05	
228	0.000180	2.85E-05	0.001136
4.34E-05	0.000323	3.34E-05	
229	0.000180	2.44E-05	0.001474
3.98E-05	0.000295	3.06E-05	
230	0.000180	2.04E-05	0.001715
3.50E-05	0.000257	2.67E-05	
231	0.000180	1.61E-05	0.001832
2.88E-05	0.000211	2.18E-05	
232	0.000180	1.16E-05	0.001796
2.14E-05	0.000162	1.70E-05	
233	0.000180	7.18E-06	0.001583
1.57E-05	0.000111	1.16E-05	
234	0.000180	8.59E-06	0.001177
1.19E-05	0.000103	1.01E-05	
235	0.000180	9.86E-06	0.000562
8.21E-06	0.000145	1.38E-05	
236	0.000180	1.07E-05	8.34E-06
8.89E-06	0.000174	1.52E-05	
237	0.000180	1.23E-05	0.000288
1.27E-05	0.000201	1.90E-05	
238	0.000180	1.42E-05	0.000596
1.64E-05	0.000234	2.41E-05	
239	0.000180	1.49E-05	0.000816
1.83E-05	0.000257	2.72E-05	
240	0.000180	1.44E-05	0.001123
1.88E-05	0.000277	3.03E-05	
241	0.000180	1.23E-05	0.001375
1.81E-05	0.000286	3.14E-05	
242	0.000180	1.09E-05	0.001530
1.62E-05	0.000274	3.01E-05	
243	0.000180	8.52E-06	0.001550
1.30E-05	0.000239	2.64E-05	
244	0.000180	5.98E-06	0.001401
8.91E-06	0.000167	2.08E-05	
245	0.000180	3.47E-06	0.001063
6.14E-06	0.000118	1.36E-05	
246	0.000180	3.87E-06	0.000514
4.03E-06	0.000133	1.24E-05	
247	0.000180	4.85E-06	2.69E-06
2.85E-06	0.000163	1.42E-05	
248	0.000180	5.48E-06	0.000473
3.50E-06	0.000191	1.82E-05	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	0.000180	5.82E-06	0.000978
3.51E-06	0.000227	2.36E-05	
250	0.000180	5.80E-06	0.001285
2.73E-06	0.000253	2.63E-05	
251	0.000180	5.48E-06	0.001418
2.91E-06	0.000266	2.78E-05	
252	0.000180	4.91E-06	0.001395
3.05E-06	0.000290	3.02E-05	
253	0.000180	4.12E-06	0.001394
3.06E-06	0.000290	3.03E-05	
254	0.000180	3.19E-06	0.001418
2.93E-06	0.000265	2.77E-05	
255	0.000180	3.86E-06	0.001285
3.14E-06	0.000220	2.30E-05	
256	0.000180	4.45E-06	0.000977
3.85E-06	0.000156	1.64E-05	
257	0.000180	4.89E-06	0.000473
3.68E-06	0.000122	1.21E-05	
258	0.000180	4.91E-06	2.71E-06
2.85E-06	0.000150	1.38E-05	
259	0.000180	4.68E-06	0.000514
4.04E-06	0.000177	1.75E-05	
260	0.000180	4.25E-06	0.001063
6.19E-06	0.000211	2.26E-05	
261	0.000180	3.92E-06	0.001401
9.26E-06	0.000237	2.53E-05	
262	0.000180	4.75E-06	0.001550
1.33E-05	0.000252	2.69E-05	
263	0.000180	5.74E-06	0.001530
1.64E-05	0.000274	2.94E-05	
264	0.000180	6.32E-06	0.001374
1.83E-05	0.000286	3.07E-05	
265	0.000181	6.44E-06	0.001123
1.89E-05	0.000277	2.97E-05	
266	0.000181	6.50E-06	0.000817
1.83E-05	0.000248	2.66E-05	
267	0.000181	6.72E-06	0.000597
1.64E-05	0.000202	2.17E-05	
268	0.000181	7.73E-06	0.000289
1.29E-05	0.000141	1.42E-05	
269	0.000181	8.58E-06	2.57E-06
9.51E-06	9.61E-05	8.96E-06	
270	0.000181	9.39E-06	0.000556
8.38E-06	0.000108	9.98E-06	
271	0.000182	1.05E-05	0.001174
1.19E-05	0.000134	1.35E-05	
272	0.000182	1.14E-05	0.001581
1.56E-05	0.000159	1.61E-05	
273	0.000183	1.36E-05	0.001796
2.14E-05	0.000181	1.84E-05	
274	0.000183	1.76E-05	0.001832
2.88E-05	0.000211	2.21E-05	
275	0.000183	2.12E-05	0.001716
3.49E-05	0.000257	2.70E-05	
276	0.000184	2.43E-05	0.001475
3.98E-05	0.000295	3.08E-05	
277	0.000184	2.65E-05	0.001136
4.34E-05	0.000324	3.36E-05	
278	0.000184	2.75E-05	0.000726
4.58E-05	0.000344	3.59E-05	
279	0.000184	2.69E-05	0.000265
4.63E-05	0.000357	3.13E-05	
280	0.000184	2.54E-05	8.40E-06
4.52E-05	0.000359	3.87E-05	
281	0.000366	2.50E-22	.000000
3.95E-05	0.000360	1.15E-06	
282	0.000161	-2.68E-22	.000000
9.67E-06	0.000174	8.19E-07	
283	0.000234	.000000	.000000
4.91E-06	0.000163	3.18E-07	
284	.000000	.000000	.000000
2.12E-06	0.000150	2.00E-07	
285	0.000212	-2.49E-22	.000000
3.23E-06	9.82E-05	7.71E-07	
286	0.000538	1.90E-21	.000000
3.55E-05	0.000360	1.86E-06	
287	0.000375	-1.31E-21	.000000
3.01E-05	0.000360	5.28E-07	
288	0.000163	2.66E-22	.000000
6.72E-06	0.000174	7.22E-07	
289	0.000234	.000000	.000000
3.90E-06	0.000163	3.00E-07	
290	.000000	.000000	.000000
2.98E-08	0.000150	1.58E-07	
291	0.000213	2.43E-22	.000000
2.57E-06	9.71E-05	6.73E-07	
292	0.000546	-1.21E-21	.000000
2.20E-05	0.000361	6.95E-07	
293	0.000379	1.74E-05	.000000
1.33E-05	0.000361	6.19E-07	
294	0.000163	3.36E-05	.000000
4.58E-06	0.000174	6.16E-07	
295	0.000232	2.34E-05	.000000
1.57E-05	0.000162	2.81E-07	
296	1.16E-23	2.87E-06	.000000
2.61E-06	0.000150	1.23E-07	
297	0.000213	2.59E-05	.000000
1.68E-05	9.54E-05	5.67E-07	
298	0.000547	4.08E-05	.000000
4.93E-06	0.000361	1.98E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

COMB SETTLE ---------- MIN

JOINT	U1	U2	U3
R1	R2	R3	
1	-0.000187	-4.38E-05	-0.010000
-4.42E-05	-0.000359	-1.15E-06	
2	-0.000187	-4.07E-05	-0.009295
-4.49E-05	-0.000357	-2.08E-06	
3	-0.000187	-3.59E-05	-0.008036
-4.44E-05	-0.000345	-8.20E-07	
4	-0.000187	-3.22E-05	-0.006808
-4.25E-05	-0.000324	-7.04E-07	
5	-0.000188	-2.86E-05	-0.006012
-3.95E-05	-0.000294	-7.59E-07	
6	-0.000188	-2.44E-05	-0.007401
-3.52E-05	-0.000256	-9.03E-07	
7	-0.000188	-1.98E-05	-0.008572
-2.96E-05	-0.000208	-1.07E-06	
8	-0.000189	-1.76E-05	-0.009479
-2.29E-05	-0.000179	-1.21E-06	
9	-0.000189	-1.53E-05	-0.010079
-1.54E-05	-0.000156	-1.31E-06	
10	-0.000189	-1.34E-05	-0.010349
-9.02E-06	-0.000132	-1.32E-06	
11	-0.000190	-1.20E-05	-0.010264
-6.20E-06	-0.000107	-1.15E-06	
12	-0.000190	-1.11E-05	-0.010000
-7.38E-06	-9.81E-05	-8.19E-07	
13	-0.000190	-1.12E-05	-0.009784
-1.06E-05	-0.000142	-4.64E-07	
14	-0.000190	-1.26E-05	-0.009253
-1.39E-05	-0.000201	-4.41E-07	
15	-0.000190	-1.34E-05	-0.008475
-1.58E-05	-0.000246	-3.48E-07	
16	-0.000190	-1.33E-05	-0.007493
-1.71E-05	-0.000275	-3.01E-07	
17	-0.000191	-1.26E-05	-0.006354
-1.74E-05	-0.000285	-3.46E-07	
18	-0.000191	-1.12E-05	-0.006861
-1.62E-05	-0.000272	-4.34E-07	
19	-0.000191	-9.31E-06	-0.007989
-1.39E-05	-0.000250	-5.06E-07	
20	-0.000191	-7.03E-06	-0.008909
-1.08E-05	-0.000235	-5.12E-07	
21	-0.000192	-5.62E-06	-0.009599
-7.21E-06	-0.000210	-4.27E-07	
22	-0.000192	-5.70E-06	-0.009976
-3.64E-06	-0.000176	-3.22E-07	
23	-0.000192	-5.89E-06	-0.010000
-3.16E-06	-0.000150	-3.17E-07	
24	-0.000192	-6.02E-06	-0.009913
-3.68E-06	-0.000123	-3.05E-07	
25	-0.000193	-6.24E-06	-0.009521
-4.02E-06	-0.000154	-2.36E-07	
26	-0.000193	-6.50E-06	-0.008829
-3.96E-06	-0.000218	-2.11E-07	
27	-0.000193	-6.64E-06	-0.007886
-3.58E-06	-0.000263	-1.68E-07	
28	-0.000194	-6.51E-06	-0.006741
-2.99E-06	-0.000288	-1.20E-07	
29	-0.000194	-6.39E-06	-0.006741
-2.98E-06	-0.000288	-1.83E-07	
30	-0.000195	-6.45E-06	-0.007886
-3.56E-06	-0.000265	-2.76E-07	
31	-0.000195	-6.27E-06	-0.008829
-3.92E-06	-0.000252	-2.02E-07	
32	-0.000195	-6.04E-06	-0.009521
-3.98E-06	-0.000226	-1.12E-07	
33	-0.000195	-5.92E-06	-0.009913
-3.65E-06	-0.000190	-1.90E-07	
34	-0.000195	-5.91E-06	-0.010000
-3.15E-06	-0.000163	-1.82E-07	
35	-0.000195	-5.88E-06	-0.009977
-3.78E-06	-0.000134	-1.67E-07	
36	-0.000195	-6.11E-06	-0.009602
-7.50E-06	-0.000115	-2.38E-07	
37	-0.000195	-6.75E-06	-0.008910
-1.12E-05	-0.000183	-4.91E-07	
38	-0.000195	-7.66E-06	-0.007991
-1.44E-05	-0.000236	-2.40E-07	
39	-0.000195	-8.70E-06	-0.006863
-1.68E-05	-0.000272	-2.09E-07	
40	-0.000195	-9.72E-06	-0.006352
-1.79E-05	-0.000285	-1.49E-07	
41	-0.000195	-1.06E-05	-0.007492
-1.79E-05	-0.000275	-1.49E-07	
42	-0.000195	-1.11E-05	-0.008474
-1.77E-05	-0.000255	-2.62E-07	
43	-0.000194	-1.09E-05	-0.009253
-1.66E-05	-0.000233	-4.74E-07	
44	-0.000194	-9.77E-06	-0.009784
-1.45E-05	-0.000200	-6.93E-07	
45	-0.000194	-8.34E-06	-0.010000
-1.25E-05	-0.000174	-7.71E-07	
46	-0.000194	-6.71E-06	-0.010264
-1.00E-05	-0.000147	-8.26E-07	
47	-0.000194	-7.97E-06	-0.010349
-8.11E-06	-0.000105	-9.48E-07	
48	-0.000194	-1.29E-05	-0.010079
-1.46E-05	-0.000107	-9.91E-07	

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

| JOINT | U1 | U2 | U3 |
|---|---

87	-0.000195	-5.38E-06	-0.008818
88	-0.000195	-5.10E-06	-0.009516
89	-0.000195	-4.76E-06	-0.009912
90	-0.000195	-4.68E-06	-0.010000
91	-0.000195	-5.01E-06	-0.009973
92	-0.000195	-5.92E-06	-0.009592
93	-0.000195	-6.99E-06	-0.008898
94	-0.000195	-8.11E-06	-0.007975
95	-0.000195	-9.21E-06	-0.006845
96	-0.000195	-1.02E-05	-0.006345
97	-0.000195	-1.11E-05	-0.007486
98	-0.000195	-1.17E-05	-0.008470

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 59

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
99	-0.000195	-1.20E-05	-0.009252
-1.78E-05	-0.000233	-2.63E-07	
100	-0.000195	-1.17E-05	-0.009785
-1.57E-05	-0.000200	-4.35E-07	
101	-0.000195	-1.08E-05	-0.010000
-1.36E-05	-0.000174	-6.73E-07	
102	-0.000195	-9.03E-06	-0.010257
-1.12E-05	-0.000146	-8.88E-07	
103	-0.000195	-5.68E-06	-0.010329
-6.99E-06	-0.000104	-9.73E-07	
104	-0.000195	-1.04E-05	-0.010048
-1.32E-05	-0.000109	-9.47E-07	
105	-0.000195	-1.49E-05	-0.009439
-2.12E-05	-0.000161	-8.21E-07	
106	-0.000195	-1.90E-05	-0.008528
-2.86E-05	-0.000210	-7.80E-07	
107	-0.000195	-2.26E-05	-0.007357
-3.48E-05	-0.000257	-6.68E-07	
108	-0.000195	-2.56E-05	-0.005974
-3.99E-05	-0.000295	-5.37E-07	
109	-0.000195	-2.79E-05	-0.006815
-4.37E-05	-0.000323	-3.44E-07	
110	-0.000195	-2.88E-05	-0.008040
-4.67E-05	-0.000344	-5.90E-08	
111	-0.000195	-2.76E-05	-0.009296
-4.89E-05	-0.000356	-7.20E-07	
112	-0.000195	-2.59E-05	-0.010000
-4.99E-05	-0.000358	-9.41E-07	
113	-0.000195	-3.35E-05	-0.010000
-4.58E-05	-0.000358	-3.15E-07	
114	-0.000195	-3.26E-05	-0.009299
-4.59E-05	-0.000356	-3.67E-07	
115	-0.000195	-3.03E-05	-0.008046
-4.52E-05	-0.000344	-5.52E-07	
116	-0.000196	-2.71E-05	-0.006824
-4.32E-05	-0.000323	-7.66E-07	
117	-0.000196	-2.29E-05	-0.005933
-4.00E-05	-0.000295	-9.27E-07	
118	-0.000197	-1.89E-05	-0.007312
-3.56E-05	-0.000258	-1.02E-06	
119	-0.000197	-1.69E-05	-0.008482
-2.99E-05	-0.000211	-1.06E-06	
120	-0.000198	-1.47E-05	-0.009397
-2.32E-05	-0.000182	-1.04E-06	
121	-0.000198	-1.24E-05	-0.010015
-1.58E-05	-0.000159	-9.75E-07	
122	-0.000198	-1.01E-05	-0.010309
-9.34E-06	-0.000135	-8.63E-07	
123	-0.000198	-8.01E-06	-0.010249
-7.68E-06	-0.000109	-7.24E-07	
124	-0.000199	-7.83E-06	-0.010000
-9.99E-06	-9.60E-05	-6.16E-07	
125	-0.000199	-9.73E-06	-0.009786
-1.23E-05	-0.000142	-4.93E-07	
126	-0.000199	-1.16E-05	-0.009251
-1.52E-05	-0.000202	-3.02E-07	
127	-0.000199	-1.25E-05	-0.008466
-1.69E-05	-0.000249	-1.64E-07	
128	-0.000199	-1.24E-05	-0.007479
-1.75E-05	-0.000278	-2.05E-07	
129	-0.000198	-1.14E-05	-0.006338
-1.77E-05	-0.000287	-3.67E-07	
130	-0.000198	-9.82E-06	-0.006829
-1.65E-05	-0.000274	-4.65E-07	
131	-0.000198	-7.74E-06	-0.007959
-1.42E-05	-0.000252	-5.10E-07	
132	-0.000197	-6.38E-06	-0.008886
-1.11E-05	-0.000238	-5.15E-07	
133	-0.000197	-5.65E-06	-0.009583
-7.54E-06	-0.000212	-4.66E-07	
134	-0.000197	-5.07E-06	-0.009971
-4.02E-06	-0.000177	-3.77E-07	
135	-0.000197	-4.83E-06	-0.010000
-2.96E-06	-0.000150	-2.81E-07	
136	-0.000196	-4.77E-06	-0.009911
-3.59E-06	-0.000122	-1.79E-07	
137	-0.000196	-4.66E-06	-0.009509
-4.00E-06	-0.000157	-1.25E-07	
138	-0.000196	-4.63E-06	-0.008807
-3.95E-06	-0.000221	-1.11E-07	
139	-0.000196	-4.52E-06	-0.007858
-3.59E-06	-0.000266	-1.12E-07	
140	-0.000196	-4.29E-06	-0.006712
-2.99E-06	-0.000291	-1.54E-07	
141	-0.000195	-4.22E-06	-0.006712
-3.00E-06	-0.000291	-1.84E-07	
142	-0.000195	-4.38E-06	-0.007858
-3.60E-06	-0.000267	-2.01E-07	
143	-0.000195	-4.45E-06	-0.008808
-3.96E-06	-0.000254	-1.96E-07	
144	-0.000195	-4.49E-06	-0.009510
-4.00E-06	-0.000228	-1.55E-07	
145	-0.000195	-4.61E-06	-0.009911
-3.59E-06	-0.000191	-6.46E-08	
146	-0.000195	-4.83E-06	-0.010000
-2.94E-06	-0.000163	-1.23E-07	
147	-0.000195	-5.21E-06	-0.009970
-4.13E-06	-0.000133	-2.01E-07	
148	-0.000195	-6.08E-06	-0.009581
-7.74E-06	-0.000119	-2.70E-07	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 60

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
149	-0.000195	-7.20E-06	-0.008885
-1.13E-05	-0.000187	-2.79E-07	
150	-0.000195	-8.42E-06	-0.007958
-1.45E-05	-0.000239	-2.45E-07	
151	-0.000195	-9.63E-06	-0.006828
-1.68E-05	-0.000274	-2.31E-07	
152	-0.000195	-1.07E-05	-0.006338
-1.82E-05	-0.000287	-1.92E-07	
153	-0.000195	-1.16E-05	-0.007479
-1.80E-05	-0.000278	-1.43E-07	
154	-0.000195	-1.22E-05	-0.008466
-1.78E-05	-0.000257	-1.15E-07	
155	-0.000195	-1.22E-05	-0.009250
-1.66E-05	-0.000234	-2.58E-07	
156	-0.000195	-1.16E-05	-0.009786
-1.44E-05	-0.000200	-4.36E-07	
157	-0.000195	-1.07E-05	-0.010000
-1.23E-05	-0.000174	-5.67E-07	
158	-0.000195	-9.34E-06	-0.010249
-9.76E-06	-0.000145	-6.82E-07	
159	-0.000195	-6.77E-06	-0.010309
-8.83E-06	-0.000103	-7.94E-07	
160	-0.000195	-8.04E-06	-0.010015
-1.54E-05	-0.000111	-8.39E-07	
161	-0.000195	-1.21E-05	-0.009398
-2.29E-05	-0.000163	-8.32E-07	
162	-0.000195	-1.61E-05	-0.008483
-2.97E-05	-0.000211	-7.87E-07	
163	-0.000195	-1.98E-05	-0.007313
-3.53E-05	-0.000258	-7.04E-07	
164	-0.000195	-2.29E-05	-0.005934
-3.98E-05	-0.000295	-5.64E-07	
165	-0.000195	-2.52E-05	-0.006824
-4.29E-05	-0.000324	-3.54E-07	
166	-0.000194	-2.63E-05	-0.008046
-4.48E-05	-0.000344	-9.02E-08	
167	-0.000194	-2.61E-05	-0.009299
-4.53E-05	-0.000356	-2.73E-07	
168	-0.000194	-2.57E-05	-0.010000
-4.50E-05	-0.000358	-3.35E-07	
169	-0.000190	-3.90E-05	-0.009996
-4.70E-05	-0.000358	-3.83E-05	
170	-0.000190	-3.77E-05	-0.009293
-4.67E-05	-0.000356	-3.09E-05	
171	-0.000191	-3.45E-05	-0.008036
-4.53E-05	-0.000344	-3.53E-05	
172	-0.000191	-3.11E-05	-0.006810
-4.29E-05	-0.000323	-3.28E-05	
173	-0.000191	-2.72E-05	-0.005993
-3.95E-05	-0.000294	-3.00E-05	
174	-0.000191	-2.28E-05	-0.007378
-3.48E-05	-0.000256	-2.61E-05	
175	-0.000192	-1.91E-05	-0.008548
-2.87E-05	-0.000209	-2.12E-05	
176	-0.000192	-1.68E-05	-0.009456
-2.13E-05	-0.000180	-1.65E-05	
177	-0.000192	-1.45E-05	-0.010060
-1.31E-05	-0.000157	-1.42E-05	
178	-0.000193	-1.23E-05	-0.010334
-7.51E-06	-0.000133	-1.17E-05	
179	-0.000193	-1.03E-05	-0.010255
-1.27E-05	-0.000107	-8.35E-06	
180	-0.000193	-9.09E-06	-0.009995
-1.55E-05	-0.000156	-9.75E-06	
181	-0.000194	-1.08E-05	-0.009780
-1.69E-05	-0.000141	-1.49E-05	
182	-0.000194	-1.26E-05	-0.009249
-1.81E-05	-0.000200	-2.25E-05	
183	-0.000194	-1.33E-05	-0.008470
-1.84E-05	-0.000247	-2.74E-05	
184	-0.000194	-1.27E-05	-0.007488
-1.85E-05	-0.000275	-3.05E-05	
185	-0.000194	-1.24E-05	-0.006348
-1.79E-05	-0.000285	-3.16E-05	
186	-0.000194	-1.09E-05	-0.006854
-1.60E-05	-0.000272	-3.02E-05	
187	-0.000194	-8.91E-06	-0.007981
-1.29E-05	-0.000250	-2.71E-05	
188	-0.000194	-6.54E-06	-0.008902
-8.80E-06	-0.000236	-2.55E-05	
189	-0.000194	-5.48E-06	-0.009593
-4.19E-06	-0.000210	-2.28E-05	
190	-0.000194	-5.18E-06	-0.009972
-3.99E-06	-0.000176	-1.90E-05	
191	-0.000194	-5.23E-06	-0.009998
-5.06E-06	-0.000150	-1.39E-05	
192	-0.000194	-5.39E-06	-0.009910
-5.53E-06	-0.000123	-1.24E-05	
193	-0.000194	-5.69E-06	-0.009516
-5.52E-06	-0.000154	-1.57E-05	
194	-0.000194	-5.74E-06	-0.008822
-4.89E-06	-0.000218	-2.25E-05	
195	-0.000195	-6.09E-06	-0.007877
-3.99E-06	-0.000264	-2.74E-05	
196	-0.000195	-5.94E-06	-0.006733
-2.92E-06	-0.000289	-3.01E-05	
197	-0.000195	-5.83E-06	-0.006733
-2.92E-06	-0.000289	-3.01E-05	
198	-0.000195	-5.91E-06	-0.007877
-3.97E-06	-0.000265	-2.85E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 61

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
199	-0.000195	-5.76E-06	-0.008822
-4.85E-06	-0.000252	-2.70E-05	
200	-0.000195	-5.50E-06	-0.009516
-5.45E-06	-0.000226	-2.41E-05	
201	-0.000195	-5.28E-06	-0.009910
-5.47E-06	-0.000190	-1.89E-05	
202	-0.000195	-5.23E-06	-0.009998
-5.05E-06	-0.000163	-1.49E-05	
203	-0.000195	-5.34E-06	-0.009972
-4.04E-06	-0.000133	-1.32E-05	
204	-0.000195	-5.94E-06	-0.009594
-4.57E-06	-0.000116	-1.29E-05	
205	-0.000195	-6.83E-06	-0.008902
-9.22E-06	-0.000184	-2.02E-05	
206	-0.000195	-7.86E-06	-0.007981
-1.33E-05	-0.000237	-2.59E-05	
207	-0.000195	-8.96E-06	-0.006853
-1.64E-05	-0.000272	-2.91E-05	
208	-0.000195	-1.00E-05	-0.006348
-1.83E-05	-0.000285	-3.11E-05	
209	-0.000195	-1.09E-05	-0.007488
-1.89E-05	-0.000276	-3.01E-05	
210	-0.000195	-1.15E-05	-0.008470
-1.87E-05	-0.000256	-2.70E-05	
211	-0.000195	-1.16E-05	-0.009250
-1.81E-05	-0.000233	-2.45E-05	
212	-0.000195	-1.09E-05	-0.009782
-1.63E-05	-0.000200	-1.94E-05	
213	-0.000195	-9.68E-06	-0.009998
-1.44E-05	-0.000174	-1.55E-05	
214	-0.000195	-1.40E-05	-0.010258
-1.18E-05	-0.000146	-1.40E-05	
215	-0.000194	-6.65E-06	-0.010336
-7.34E-06	-0.000104	-1.05E-05	
216	-0.000194	-1.15E-05	-0.010061
-1.29E-05	-0.000108	-1.04E-05	
217	-0.000194	-1.62E-05	-0.009457
-2.11E-05	-0.000160	-1.09E-05	
218	-0.000194	-2.05E-05	-0.008549
-2.85E-05	-0.000209	-2.12E-05	
219	-0.000194	-2.40E-05	-0.007379
-3.45E-05	-0.000256	-2.60E-05	
220	-0.000194	-2.68E-05	-0.005994
-3.92E-05	-0.000294	-2.99E-05	
221	-0.000194	-2.89E-05	-0.006810
-4.26E-05	-0.000323	-3.27E-05	
222	-0.000194	-3.07E-05	-0.008035
-4.50E-05	-0.000344	-3.52E-05	
223	-0.000195	-3.24E-05	-0.009291
-4.67E-05	-0.000356	-3.08E-05	
224	-0.000195	-3.29E-05	-0.009993
-4.71E-05	-0.000358	-3.81E-05	
225	-0.000194	-3.36E-05	-0.010003
-4.56E-05	-0.000359	-3.86E-05	
226	-0.000194	-3.35E-05	-0.009300
-4.64E-05	-0.000357	-3.11E-05	
227	-0.000195	-3.16E-05	-0.008045
-4.57E-05	-0.000344	-3.57E-05	
228	-0.000195	-2.85E-05	-0.006820
-4.34E-05	-0.000323	-3.34E-05	
229	-0.000196	-2.44E-05	-0.005954
-3.98E-05	-0.000295	-3.06E-05	
230	-0.000196	-1.97E-05	-0.007335
-3.50E-05	-0.000257	-2.67E-05	
231	-0.000196	-1.56E-05	-0.008506
-2.88E-05	-0.000211	-2.18E-05	
232	-0.000197	-1.54E-05	-0.009420
-2.14E-05	-0.000181	-1.76E-05	
233	-0.000197	-1.31E-05	-0.010034
-1.33E-05	-0.000159	-1.53E-05	
234	-0.000197	-1.07E-05	-0.010323
-7.21E-06	-0.000134	-1.28E-05	
235	-0.000197	-8.25E-06	-0.010258
-1.12E-05	-0.000108	-9.30E-06	
236	-0.000197	-7.30E-06	-0.010005
-1.31E-05	-9.61E-05	-9.39E-06	
237	-0.000197	-9.44E-06	-0.009790
-1.59E-05	-0.000142	-1.46E-05	
238	-0.000197	-1.15E-05	-0.009255
-1.82E-05	-0.000202	-2.22E-05	
239	-0.000197	-1.26E-05	-0.008471
-1.90E-05	-0.000248	-2.72E-05	
240	-0.000197	-1.26E-05	-0.007484
-1.88E-05	-0.000277	-3.03E-05	
241	-0.000197	-1.17E-05	-0.006343
-1.81E-05	-0.000286	-3.14E-05	
242	-0.000197	-1.02E-05	-0.006837
-1.62E-05	-0.000274	-3.01E-05	
243	-0.000197	-8.28E-06	-0.007968
-1.30E-05	-0.000252	-2.69E-05	
244	-0.000197	-6.31E-06	-0.008894
-8.91E-06	-0.000237	-2.54E-05	
245	-0.000196	-5.64E-06	-0.009590
-4.30E-06	-0.000211	-2.27E-05	
246	-0.000196	-5.05E-06	-0.009975
-4.11E-06	-0.000177	-1.76E-05	
247	-0.000196	-4.85E-06	-0.010003
-5.34E-06	-0.000150	-1.38E-05	
248	-0.000196	-4.91E-06	-0.009914
-5.67E-06	-0.000122	-1.22E-05	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 62

< UNEQUAL SETTLEMENT >

J O I N T D I S P L A C E M E N T S

TRANSLATIONS AND ROTATIONS, IN LOCAL COORDINATES

JOINT	U1	U2	U3
R1	R2	R3	
249	-0.000196	-5.07E-06	-0.009515
-5.54E-06	-0.000156	-1.59E-05	
250	-0.000196	-5.18E-06	-0.008815
-4.92E-06	-0.000220	-2.27E-05	
251	-0.000196	-5.13E-06	-0.007866
-4.01E-06	-0.000265	-2.76E-05	
252	-0.000196	-4.90E-06	-0.006720
-2.92E-06	-0.000290	-3.02E-05	
253	-0.000196	-4.82E-06	-0.006720
-2.93E-06	-0.000290	-3.03E-05	
254	-0.000196	-4.99E-06	-0.007866
-4.01E-06	-0.000266	-2.83E-05	
255	-0.000195	-5.00E-06	-0.008815
-4.92E-06	-0.000253	-2.42E-05	
256	-0.000195	-4.90E-06	-0.009515
-5.56E-06	-0.000227	-2.42E-05	
257	-0.000195	-4.81E-06	-0.009914
-5.70E-06	-0.000191	-1.88E-05	
258	-0.000195	-4.86E-06	-0.010003
-5.34E-06	-0.000163	-1.48E-05	
259	-0.000195	-5.19E-06	-0.009975
-4.08E-06	-0.000133	-1.31E-05	
260	-0.000195	-6.08E-06	-0.009589
-4.62E-06	-0.000118	-1.30E-05	
261	-0.000195	-7.16E-06	-0.008894
-9.26E-06	-0.000186	-2.02E-05	
262	-0.000195	-8.30E-06	-0.007968
-1.33E-05	-0.000239	-2.57E-05	
263	-0.000195	-9.42E-06	-0.006837
-1.64E-05	-0.000274	-2.94E-05	
264	-0.000195	-1.04E-05	-0.006342
-1.83E-05	-0.000286	-3.07E-05	
265	-0.000195	-1.13E-05	-0.007484
-1.89E-05	-0.000277	-3.01E-05	
266	-0.000195	-1.18E-05	-0.008470
-1.88E-05	-0.000257	-2.68E-05	
267	-0.000195	-1.19E-05	-0.009254
-1.82E-05	-0.000234	-2.43E-05	
268	-0.000195	-1.15E-05	-0.009788
-1.65E-05	-0.000200	-1.92E-05	
269	-0.000195	-1.06E-05	-0.010003
-1.47E-05	-0.000174	-1.53E-05	
270	-0.000195	-9.02E-06	-0.010256
-1.19E-05	-0.000146	-1.37E-05	
271	-0.000195	-6.06E-06	-0.010321
-7.23E-06	-0.000103	-1.01E-05	
272	-0.000195	-9.35E-06	-0.010034
-1.32E-05	-0.000111	-1.17E-05	
273	-0.000195	-1.36E-05	-0.009420
-2.14E-05	-0.000162	-1.71E-05	
274	-0.000195	-1.76E-05	-0.008507
-2.88E-05	-0.000211	-2.21E-05	
275	-0.000195	-2.12E-05	-0.007336
-3.49E-05	-0.000257	-2.70E-05	
276	-0.000195	-2.43E-05	-0.005954
-3.98E-05	-0.000295	-3.08E-05	
277	-0.000195	-2.65E-05	-0.006820
-4.34E-05	-0.000324	-3.36E-05	
278	-0.000195	-2.75E-05	-0.008045
-4.58E-05	-0.000344	-3.59E-05	
279	-0.000194	-2.69E-05	-0.009301
-4.63E-05	-0.000357	-3.13E-05	
280	-0.000194	-2.54E-05	-0.010005
-4.52E-05	-0.000359	-3.87E-05	
281	-0.000368	-6.47E-22	-0.010000
-3.95E-05	-0.000360	-1.15E-06	
282	-0.000399	1.78E-22	-0.010000
-1.29E-05	-0.000E+05	-8.73E-07	
283	-0.000150	.000000	-0.010000
-3.16E-06	-0.000150	-3.17E-07	
284	.000000	.000000	-0.010000
-2.12E-06	-0.000163	-1.82E-07	
285	-0.000256	3.97E-23	-0.010000
-3.48E-06	-0.000175	-7.71E-07	
286	-0.000357	-2.13E-22	-0.010000
-3.55E-05	-0.000360	-1.19E-06	
287	-0.000375	-2.08E-21	-0.010000
-3.01E-05	-0.000360	-3.65E-07	
288	-0.000405	-8.27E-25	-0.010000
-1.33E-05	-9.69E-05	-7.22E-07	
289	-0.000192	.000000	-0.010000
-4.21E-06	-0.000150	-3.00E-07	
290	.000000	.000000	-0.010000
-1.89E-08	-0.000163	-1.53E-07	
291	-0.000257	-2.56E-21	-0.010000
-4.53E-06	-0.000174	-6.73E-07	
292	-0.000374	-1.48E-21	-0.010000
-2.21E-05	-0.000361	-3.41E-07	
293	-0.000379	-1.74E-05	-0.010000
-1.33E-05	-0.000361	-3.15E-07	
294	-0.000406	-1.42E-05	-0.010000
-3.84E-06	-9.60E-05	-6.16E-07	
295	-0.000192	-2.69E-05	-0.010000
-1.21E-05	-0.000150	-2.81E-07	
296	-2.03E-24	-2.87E-06	-0.010000
-2.61E-06	-0.000163	-1.23E-07	
297	-0.000254	-2.95E-05	-0.010000
-1.09E-05	-0.000173	-5.67E-07	
298	-0.000376	-2.73E-05	-0.010000
-3.85E-06	-0.000361	-3.35E-07	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 63

< UNEQUAL SETTLEMENT >

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

LOAD -P1 ----------

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	-6.159398	-8.948810
.000000	.000000	.000000	
282	.000000	-7.545913	17.395667
.000000	.000000	.000000	
283	.000000	0.417725	-16.094887
.000000	.000000	.000000	
284	5.330796	-0.062970	4.852114
.000000	.000000	.000000	
285	.000000	-0.000496	-1.396125
.000000	.000000	.000000	
286	.000000	-0.331095	0.295020
.000000	.000000	.000000	
287	.000000	4.921718	-11.767356
.000000	.000000	.000000	
288	.000000	8.938580	21.547471
.000000	.000000	.000000	
289	.000000	-0.469873	-17.105725
.000000	.000000	.000000	
290	-0.409206	-0.041519	5.024354
.000000	.000000	.000000	
291	.000000	0.041075	-1.385939
.000000	.000000	.000000	
292	.000000	0.317139	0.176096
.000000	.000000	.000000	
293	.000000	.000000	-10.030044
.000000	.000000	.000000	
294	.000000	.000000	30.949337
.000000	.000000	.000000	
295	.000000	.000000	-17.474998
.000000	.000000	.000000	
296	-4.297389	.000000	5.004123
.000000	.000000	.000000	
297	.000000	.000000	-1.303579
.000000	.000000	.000000	
298	.000000	.000000	0.263281
.000000	.000000	.000000	

LOAD -P2 ----------

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	8.356378	22.642359
.000000	.000000	.000000	
282	.000000	-4.322535	-48.348250
.000000	.000000	.000000	
283	.000000	-2.101739	52.925255
.000000	.000000	.000000	
284	-0.425062	0.239321	-26.639936
.000000	.000000	.000000	
285	.000000	-0.096802	7.371597
.000000	.000000	.000000	
286	.000000	1.715490	-1.597395
.000000	.000000	.000000	
287	.000000	-6.723903	25.477409
.000000	.000000	.000000	
288	.000000	1.065417	-64.604402
.000000	.000000	.000000	
289	.000000	3.765971	61.249932
.000000	.000000	.000000	
290	0.143272	-0.284583	-27.969165
.000000	.000000	.000000	
291	.000000	0.008618	7.663454
.000000	.000000	.000000	
292	.000000	-1.686759	-1.005189
.000000	.000000	.000000	
293	.000000	.000000	21.772707
.000000	.000000	.000000	
294	.000000	.000000	-75.468257
.000000	.000000	.000000	
295	.000000	.000000	68.537164
.000000	.000000	.000000	
296	0.309722	.000000	-28.161293
.000000	.000000	.000000	
297	.000000	.000000	7.624463
.000000	.000000	.000000	
298	.000000	.000000	-1.470455
.000000	.000000	.000000	

LOAD -P3 ----------

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	0.661156	-18.093145
.000000	.000000	.000000	
282	.000000	25.706159	50.082924
.000000	.000000	.000000	
283	.000000	3.544541	-74.675820
.000000	.000000	.000000	
284	-2.133445	-2.240335	59.608942
.000000	.000000	.000000	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 64

< UNEQUAL SETTLEMENT >

R E S T R A I N T F O R C E S (R E A C T I O N S)

FORCES AND MOMENTS ACTING ON JOINTS, IN LOCAL COORDINATES

JOINT	F1	F2	F3
M1	M2	M3	
285	.000000	0.355532	-26.447762
.000000	.000000	.000000	
286	.000000	-6.105716	5.781206
.000000	.000000	.000000	
287	.000000	-1.172760	-16.958200
.000000	.000000	.000000	
288	.000000	-23.371729	68.436300
.000000	.000000	.000000	
289	.000000	-6.927244	-89.258766
.000000	.000000	.000000	
290	0.955202	3.865179	68.065929
.000000	.000000	.000000	
291	.000000	-0.442905	-27.989738
.000000	.000000	.000000	
292	.000000	6.100700	3.707591
.000000	.000000	.000000	
293	.000000	.000000	-15.624266
.000000	.000000	.000000	
294	.000000	.000000	64.193127
.000000	.000000	.000000	
295	.000000	.000000	-103.382606
.000000	.000000	.000000	
296	-0.677020	.000000	75.460603
.000000	.000000	.000000	
297	.000000	.000000	-28.287385
.000000	.000000	.000000	
298	.000000	.000000	5.381065
.000000	.000000	.000000	

LOAD -P4 ----------

JOINT	F1	F2	F3
M1	M2	M3	
281	.000000	0.982433	5.320101
.000000	.000000	.000000	
282	.000000	-4.684675	-26.087788
.000000	.000000	.000000	
283	.000000	-2.165318	59.603769
.000000	.000000	.000000	
284	-0.291410	3.969809	-74.531089
.000000	.000000	.000000	
285	.000000	-2.144846	52.791363
.000000	.000000	.000000	
286	.000000	-4.975760	-17.614803
.000000	.000000	.000000	
287	.000000	-0.895009	5.239092
.000000	.000000	.000000	
288	.000000	4.281519	-29.256232
.000000	.000000	.000000	
289	.000000	4.008167	68.072514
.000000	.000000	.000000	
290	0.117077	-7.034148	-89.246901
.000000	.000000	.000000	
291	.000000	3.981948	61.121150
.000000	.000000	.000000	
292	.000000	4.689462	-18.270873
.000000	.000000	.000000	
293	.000000	.000000	4.321398
.000000	.000000	.000000	
294	.000000	.000000	-27.426373
.000000	.000000	.000000	
295	.000000	.000000	75.459189
.000000	.000000	.000000	
296	0.118753	.000000	-103.484312
.000000	.000000	.000000	
297	.000000	.000000	68.802313
.000000	.000000	.000000	
298	.000000	.000000	-14.812518
.000000	.000000	.000000	

LOAD -P5 ----------

| JOINT | F1 |

```
   .000000     .000000     .000000
      285     .000000    3.277621   -49.306397
   .000000     .000000     .000000
      286     .000000   21.516402    21.721478
   .000000     .000000     .000000
      287     .000000    4.717880    -2.426857
   .000000     .000000     .000000
      288     .000000   11.070380     4.725787
   .000000     .000000     .000000
      289     .000000    -0.442619   -27.982703
   .000000     .000000     .000000
      290    -1.342945    3.834780    61.290030
   .000000     .000000     .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  65

R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

  JOINT          F1          F2          F3
     M1          M2          M3
    291    .000000    -6.552931   -62.520578
.000000    .000000    .000000
    292    .000000   -19.885381    28.389789
.000000    .000000    .000000
    293    .000000    .000000    -0.536320
.000000    .000000    .000000
    294    .000000    .000000     9.450891
.000000    .000000    .000000
    295    .000000    .000000   -28.215434
.000000    .000000    .000000
    296   -0.228632    .000000    68.552301
.000000    .000000    .000000
    297    .000000    .000000   -76.662768
.000000    .000000    .000000
    298    .000000    .000000    19.814662
.000000    .000000    .000000

 LOAD      -P6 -------------------

  JOINT          F1          F2          F3
     M1          M2          M3
    281    .000000    0.840031    0.201959
.000000    .000000    .000000
    282    .000000    2.007694    -1.525390
.000000    .000000    .000000
    283    .000000    -0.086703    4.768429
.000000    .000000    .000000
    284   -6.111697    0.133762   -16.162526
.000000    .000000    .000000
    285    .000000    -1.391010    16.987323
.000000    .000000    .000000
    286    .000000   -11.816920    -8.585506
.000000    .000000    .000000
    287    .000000    -0.847926    0.435912
.000000    .000000    .000000
    288    .000000    -1.984168    -0.848923
.000000    .000000    .000000
    289    .000000    0.065598     5.024748
.000000    .000000    .000000
    290    0.536600   -0.339709   -17.164247
.000000    .000000    .000000
    291    .000000    2.964195    23.111651
.000000    .000000    .000000
    292    .000000   10.464840   -12.997414
.000000    .000000    .000000
    293    .000000    .000000     0.096525
.000000    .000000    .000000
    294    .000000    .000000    -1.698725
.000000    .000000    .000000
    295    .000000    .000000     5.076685
.000000    .000000    .000000
    296    4.774567    .000000   -17.371422
.000000    .000000    .000000
    297    .000000    .000000    29.826955
.000000    .000000    .000000
    298    .000000    .000000    -9.176035
.000000    .000000    .000000

 LOAD   -2N+1- ------------------

  JOINT          F1          F2          F3
     M1          M2          M3
    281    .000000   -10.178841   -28.164420
.000000    .000000    .000000
    282    .000000    6.999516    75.961428
.000000    .000000    .000000
    283    .000000    4.353760   -117.297453
.000000    .000000    .000000
    284    6.828169   -4.393892   117.333551
.000000    .000000    .000000
    285    .000000    3.632657    -77.150284
.000000    .000000    .000000
    286    .000000   15.079590    27.797704
.000000    .000000    .000000
    287    .000000    8.466839   -31.152413
.000000    .000000    .000000
    288    .000000   -3.362768    94.709557
.000000    .000000    .000000
    289    .000000   -7.839736   -134.347194
.000000    .000000    .000000
    290   -0.796949    7.658440   134.380313
.000000    .000000    .000000
    291    .000000   -6.954761   -91.896255
.000000    .000000    .000000
    292    .000000   -13.467542    32.273476
.000000    .000000    .000000
    293    .000000    .000000    -26.190630
.000000    .000000    .000000
    294    .000000    .000000    104.593355
.000000    .000000    .000000
    295    .000000    .000000   -149.073038
.000000    .000000    .000000
    296   -5.203041    .000000    149.017026
.000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  66

R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

  JOINT          F1          F2          F3
     M1          M2          M3
    297    .000000    .000000   -106.253731
.000000    .000000    .000000
    298    .000000    .000000    25.459008
.000000    .000000    .000000

 LOAD   -2N+2- ------------------

  JOINT          F1          F2          F3
     M1          M2          M3
    281    .000000    10.178841    28.164420
.000000    .000000    .000000
    282    .000000    -6.999516   -75.961428
.000000    .000000    .000000
    283    .000000    -4.353760   117.297453
.000000    .000000    .000000
    284   -6.828169    4.393892   -117.333551
.000000    .000000    .000000
    285    .000000    -3.632657    77.150284
.000000    .000000    .000000
    286    .000000   -15.079590   -27.797704
.000000    .000000    .000000
    287    .000000    -8.466839    31.152413
.000000    .000000    .000000
    288    .000000    3.362768    -94.709557
.000000    .000000    .000000
    289    .000000    7.839736    134.347194
.000000    .000000    .000000
    290    0.796949   -7.658440   -134.380313
.000000    .000000    .000000
    291    .000000    6.954761    91.896255
.000000    .000000    .000000
    292    .000000   13.467542    -32.273476
.000000    .000000    .000000
    293    .000000    .000000     26.190630
.000000    .000000    .000000
    294    .000000    .000000   -104.593355
.000000    .000000    .000000
    295    .000000    .000000    149.073038
.000000    .000000    .000000
    296    5.203041    .000000   -149.017027
.000000    .000000    .000000
    297    .000000    .000000    106.253731
.000000    .000000    .000000
    298    .000000    .000000    -25.459008
.000000    .000000    .000000

 COMB  SETTLE -------------------- MAX

  JOINT          F1          F2          F3
     M1          M2          M3
    281    .000000    10.178841    28.164420
.000000    .000000    .000000
    282    .000000    6.999516    75.961428
.000000    .000000    .000000
    283    .000000    4.353760    117.297453
.000000    .000000    .000000
    284    6.828169    4.393892    117.333551
.000000    .000000    .000000
    285    .000000    3.632657    77.150284
.000000    .000000    .000000
    286    .000000   21.516402    27.797704
.000000    .000000    .000000
    287    .000000    8.466839    31.152413
.000000    .000000    .000000
    288    .000000   11.070380    94.709557
.000000    .000000    .000000
    289    .000000    7.839736    134.347194
.000000    .000000    .000000
    290    0.955202    7.658440   134.380313
.000000    .000000    .000000
    291    .000000    6.954761    91.896255
.000000    .000000    .000000
    292    .000000   13.467542    32.273476
.000000    .000000    .000000
    293    .000000    .000000     26.190630
.000000    .000000    .000000
    294    .000000    .000000    104.593355
.000000    .000000    .000000
    295    .000000    .000000    149.073038
.000000    .000000    .000000
    296    5.203041    .000000    149.017026
.000000    .000000    .000000
    297    .000000    .000000    106.253731
.000000    .000000    .000000
    298    .000000    .000000    25.459008
.000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  67

R E S T R A I N T   F O R C E S   ( R E A C
T I O N S )

 FORCES AND MOMENTS ACTING ON JOINTS,
IN LOCAL COORDINATES

 COMB  SETTLE -------------------- MIN

  JOINT          F1          F2          F3
     M1          M2          M3
    281    .000000   -10.178841   -28.164420
.000000    .000000    .000000
    282    .000000   -11.160730   -75.961428
.000000    .000000    .000000
    283    .000000    -4.353760   -117.297453
.000000    .000000    .000000
    284   -6.828169    -4.393892   -117.333551
.000000    .000000    .000000
    285    .000000    -3.632657    -77.150284
.000000    .000000    .000000
    286    .000000   -15.079590    -27.797704
.000000    .000000    .000000
    287    .000000    -8.466839    -31.152413
.000000    .000000    .000000
    288    .000000   -23.371729    -94.709557
.000000    .000000    .000000
    289    .000000    -7.839736   -134.347194
.000000    .000000    .000000
    290   -1.342945    -7.658440   -134.380313
.000000    .000000    .000000
    291    .000000    -6.954761    -91.896255
.000000    .000000    .000000
    292    .000000   -19.885381    -32.273476
.000000    .000000    .000000
    293    .000000    .000000     -26.190630
.000000    .000000    .000000
    294    .000000    .000000    -104.593355
.000000    .000000    .000000
    295    .000000    .000000    -149.073038
.000000    .000000    .000000
    296   -5.203041    .000000    -149.017027
.000000    .000000    .000000
    297    .000000    .000000    -106.253731
.000000    .000000    .000000
    298    .000000    .000000    -25.459008
.000000    .000000    .000000
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  68

G L O B A L   F O R C E   B A L A N C E

 TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

 LOAD      -P1 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      5.14E-10               -3.98E-11
-9.42E-09    7.06E-08                5.76E-09
1.03E-08

   TOTAL    5.14E-10   -3.98E-11   -9.42E-09
 7.06E-08    5.76E-09    1.03E-08

 LOAD      -P2 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      -1.70E-09               2.35E-10
-2.80E-09    -3.55E-08               1.48E-07
-1.28E-08

   TOTAL   -1.70E-09    2.35E-10   -2.80E-09
 -3.55E-08    1.48E-07   -1.28E-08

 LOAD      -P3 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      6.85E-10               -2.57E-10
9.03E-09    2.82E-09    -9.36E-07   -1.78E-08

   TOTAL    6.85E-10   -2.57E-10    9.03E-09
 2.82E-09    -9.36E-07   -1.78E-08

 LOAD      -P4 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      -7.42E-10               -4.18E-11
-6.29E-10    -5.13E-08                1.04E-07
-5.62E-09

   TOTAL   -7.42E-10   -4.18E-11   -6.29E-10
 -5.13E-08    1.04E-07   -5.62E-09

 LOAD      -P5 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      3.19E-09               -1.28E-10
3.49E-09    -4.89E-08   -7.21E-07   -5.93E-08

   TOTAL    3.19E-09   -1.28E-10    3.49E-09
 -4.89E-08   -7.21E-07   -5.93E-08

 LOAD      -P6 -------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      -1.84E-09               1.68E-11
2.31E-09    -3.22E-08   -5.87E-07    1.09E-08

   TOTAL   -1.84E-09    1.68E-11    2.31E-09
 -3.22E-08   -5.87E-07    1.09E-08
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  69

G L O B A L   F O R C E   B A L A N C E

 TOTAL FORCE AND MOMENT AT THE ORIGIN,
IN GLOBAL COORDINATES

 LOAD   -2N+1- ------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      4.28E-09               -4.73E-10
1.62E-08    -3.69E-09   -3.92E-06   -2.80E-08

   TOTAL    4.28E-09   -4.73E-10    1.62E-08
 -3.69E-09   -3.92E-06   -2.80E-08

 LOAD   -2N+2- ------------------

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      -4.22E-09               1.83E-10
8.73E-09    9.43E-08    -3.52E-06    1.08E-08

   TOTAL   -4.22E-09    1.83E-10    8.73E-09
 9.43E-08    -3.52E-06    1.08E-08

 COMB  SETTLE -------------------- MAX

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      4.28E-09               2.35E-10
1.62E-08    9.43E-08    1.48E-07    1.09E-08

   TOTAL    4.28E-09    2.35E-10    1.62E-08
 9.43E-08    1.48E-07    1.09E-08

 COMB  SETTLE -------------------- MIN

                FX          FY          FZ
      MX          MY          MZ
APPLIED     .000000     .000000     .000000
 .000000     .000000     .000000
REACTNS      -4.22E-09               -4.73E-10
-9.42E-09    -5.13E-08               -3.92E-06
-5.93E-08

   TOTAL   -4.22E-09   -4.73E-10   -9.42E-09
 -5.13E-08    3.92E-06   -5.93E-08
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  70

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

ELEM       1 ================== LENGTH
=     2.768596

 LOAD      -P1 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    1.176014    9.849882   -2.155666
 1.909257   -1.139686    0.849691
  0.25000    1.176014    9.849882   -2.155666
 1.909257    0.352356   -5.967896
  0.50000    1.176014    9.849882   -2.155666
 1.909257    1.844399   -12.785482
  0.75000    1.176014    9.849882   -2.155666
 1.909257    3.336441   -19.603069
  1.00000    1.176014    9.849882   -2.155666
 1.909257    4.828484   -26.420656

 LOAD      -P2 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -1.622349   -23.047509    2.897669
 -5.387759   1.611862   -1.152826
  0.25000   -1.622349   -23.047509    2.897669
 -5.387759   -0.393757   14.799485
  0.50000   -1.622349   -23.047509    2.897669
 -5.387759   -2.399376   30.751796
  0.75000   -1.622349   -23.047509    2.897669
 -5.387759   -4.404994   46.704108
  1.00000   -1.622349   -23.047509    2.897669
 -5.387759   -6.410613   62.656419

 LOAD      -P3 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    0.172712   17.163360    0.277612
  2.723278   -0.609101   -0.051470
  0.25000    0.172712   17.163360    0.277612
  2.723278   -0.801250   -11.931074
  0.50000    0.172712   17.163360    0.277612
  2.723278   -0.993399   -23.810677
  0.75000    0.172712   17.163360    0.277612
  2.723278   -1.185548   -35.690280
  1.00000    0.172712   17.163360    0.277612
  2.723278   -1.377697   -47.569883

 LOAD      -P4 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -0.170852   -5.052908    0.331252
 -1.690020   0.140814   -0.131158
  0.25000   -0.170852   -5.052908    0.331252
 -1.690020   -0.088462   3.366208
  0.50000   -0.170852   -5.052908    0.331252
 -1.690020   -0.317738   6.863574
  0.75000   -0.170852   -5.052908    0.331252
 -1.690020   -0.547014   10.360940
  1.00000   -0.170852   -5.052908    0.331252
 -1.690020   -0.776291   13.858306

 LOAD      -P5 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    0.541572    1.325468   -1.646030
  2.980252   -0.004439    0.591994
  0.25000    0.541572    1.325468   -1.646030
  2.980252    1.134859   -0.325427
  0.50000    0.541572    1.325468   -1.646030
  2.980252    2.274158   -1.242848
  0.75000    0.541572    1.325468   -1.646030
  2.980252    3.413456   -2.160269
  1.00000    0.541572    1.325468   -1.646030
  2.980252    4.552754   -3.077690

 LOAD      -P6 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -0.097096   -0.238293    0.295164
 -0.535007    0.000551   -0.106231
  0.25000   -0.097096   -0.238293    0.295164
 -0.535007   -0.203746    0.058703
  0.50000   -0.097096   -0.238293    0.295164
 -0.535007   -0.408043    0.223637
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  71

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 REL DIST          P          V2          V3
        T          M2          M3
  0.75000   -0.097096   -0.238293    0.295164
 -0.535007   -0.612340    0.388571
  1.00000   -0.097096   -0.238293    0.295164
 -0.535007   -0.816637    0.553505

 LOAD   -2N+1- ------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    1.890297   28.338710   -3.524085
  7.612787   -1.753226    1.390214
  0.25000    1.890297   28.338710   -3.524085
  7.612787    0.685966   -18.224397
  0.50000    1.890297   28.338710   -3.524085
  7.612787    3.125157   -37.839007
  0.75000    1.890297   28.338710   -3.524085
  7.612787    5.564349   -57.453618
  1.00000    1.890297   28.338710   -3.524085
  7.612787    8.003541   -77.068229

 LOAD   -2N+2- ------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -1.890297  -28.338710    3.524085
 -7.612787   1.753226   -1.390214
  0.25000   -1.890297  -28.338710    3.524085
 -7.612787   0.685966   18.224397
  0.50000   -1.890297  -28.338710    3.524085
 -7.612787   3.125157   37.839007
  0.75000   -1.890297  -28.338710    3.524085
 -7.612787   5.564349   57.453618
  1.00000   -1.890297  -28.338710    3.524085
 -7.612787   8.003541   77.068229

 COMB  SETTLE -------------------- MAX

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    1.890297   28.338710    3.524085
  7.612787   1.753226    1.390214
  0.25000    1.890297   28.338710    3.524085
  7.612787   1.134859   18.224397
  0.50000    1.890297   28.338710    3.524085
  7.612787   3.125157   37.839007
  0.75000    1.890297   28.338710    3.524085
  7.612787   5.564349   57.453618
  1.00000    1.890297   28.338710    3.524085
  7.612787   8.003541   77.068229

 COMB  SETTLE -------------------- MIN

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -1.890297  -28.338710   -3.524085
 -7.612787  -1.753226   -1.390214
  0.25000   -1.890297  -28.338710   -3.524085
 -7.612787  -0.801250   -18.224397
  0.50000   -1.890297  -28.338710   -3.524085
 -7.612787  -3.125157   -37.839007
  0.75000   -1.890297  -28.338710   -3.524085
 -7.612787  -5.564349   -57.453618
  1.00000   -1.890297  -28.338710   -3.524085
 -7.612787  -8.003541   -77.068229

ELEM       2 ================== LENGTH
=     4.987313

 LOAD      -P1 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    1.732122   10.198052   -0.076105
 -0.658016   3.516116   -26.343849
  0.25000    1.732122   10.198052   -0.076105
 -0.658016   3.611005   -39.059068
  0.50000    1.732122   10.198052   -0.076105
 -0.658016   3.705895   -51.774287
  0.75000    1.732122   10.198052   -0.076105
 -0.658016   3.800784   -64.489505
  1.00000    1.732122   10.198052   -0.076105
 -0.658016   3.895673   -77.204724
Program    SAP2000    Nonlinear    Version    7.42
                File:하행S06-S1004.OUT

                                Page
<           UNEQUAL          SETTLEMENT          >
                                  72

F R A M E   E L E M E N T   I N T E R N A
L   F O R C E S

 LOAD      -P2 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -2.407706   -23.209127    0.069033
 -3.072132   -4.557883   62.561103
  0.25000   -2.407706   -23.209127    0.069033
 -3.072132   -4.643955   91.498898
  0.50000   -2.407706   -23.209127    0.069033
 -3.072132   -4.730028   120.436693
  0.75000   -2.407706   -23.209127    0.069033
 -3.072132   -4.816101   149.374488
  1.00000   -2.407706   -23.209127    0.069033
 -3.072132   -4.902174   178.312283

 LOAD      -P3 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    0.472658   16.821126   -0.075425
  4.176105   -2.080163   -47.541387
  0.25000    0.472658   16.821126   -0.075425
  4.176105   -1.986121   -68.514441
  0.50000    0.472658   16.821126   -0.075425
  4.176105   -1.892078   -89.487496
  0.75000    0.472658   16.821126   -0.075425
  4.176105   -1.798036   -110.460550
  1.00000    0.472658   16.821126   -0.075425
  4.176105   -1.703993   -131.433604

 LOAD      -P4 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000   -0.238643   -4.951351   -0.020131
 -1.857791   -0.616129   13.855537
  0.25000   -0.238643   -4.951351   -0.020131
 -1.857791   -0.591029   20.029021
  0.50000   -0.238643   -4.951351   -0.020131
 -1.857791   -0.565930   26.202504
  0.75000   -0.238643   -4.951351   -0.020131
 -1.857791   -0.540830   32.375988
  1.00000   -0.238643   -4.951351   -0.020131
 -1.857791   -0.515731   38.549472

 LOAD      -P5 -------------------

 REL DIST          P          V2          V3
        T          M2          M3
  0.00000    0.537883    1.391387    0.125604
  1.720797   4.555469   -3.086509
  0.25000    0.537883    1.391387    0.125604
  1.720797   4.398862   -4.821330
  0.50000    0.537883    1.391387    0.125604
  1.720797   4.242255   -6.556151
  0.75000    0.537883    1.391387    0.125604
  1.720797   4.085648   -8.290971
  1.00000    0.537883    1.391387    0.125604
  1.720797   3.929042   -10.025792
```

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.096314	-0.250087	-0.022977
-0.308962		-0.817410	0.555105	
0.25000		-0.096314	-0.250087	-0.022977
-0.308962		-0.788762	0.866920	
0.50000		-0.096314	-0.250087	-0.022977
-0.308962		-0.760114	1.178735	
0.75000		-0.096314	-0.250087	-0.022977
-0.308962		-0.731466	1.490550	
1.00000		-0.096314	-0.250087	-0.022977
-0.308962		-0.702818	1.802365	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.742663	28.410564	-0.025926
5.238886		5.991422	-76.971746	
0.25000		2.742663	28.410564	-0.025926
5.238886		6.023747	-112.394839	
0.50000		2.742663	28.410564	-0.025926
5.238886		6.056072	-147.817933	
0.75000		2.742663	28.410564	-0.025926
5.238886		6.088397	-183.241026	
1.00000		2.742663	28.410564	-0.025926
5.238886		6.120722	-218.664120	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
73

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.742663	-28.410564	0.025926
-5.238886		-5.991422	76.971746	
0.25000		-2.742663	-28.410564	0.025926
-5.238886		-6.023747	112.394839	
0.50000		-2.742663	-28.410564	0.025926
-5.238886		-6.056072	147.817933	
0.75000		-2.742663	-28.410564	0.025926
-5.238886		-6.088397	183.241026	
1.00000		-2.742663	-28.410564	0.025926
-5.238886		-6.120722	218.664120	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.742663	28.410564	0.125604
5.238886		5.991422	76.971746	
0.25000		2.742663	28.410564	0.125604
5.238886		6.023747	112.394839	
0.50000		2.742663	28.410564	0.125604
5.238886		6.056072	147.817933	
0.75000		2.742663	28.410564	0.125604
5.238886		6.088397	183.241026	
1.00000		2.742663	28.410564	0.125604
5.238886		6.120722	218.664120	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.742663	-28.410564	-0.076105
-5.238886		-5.991422	-76.971746	
0.25000		-2.742663	-28.410564	-0.076105
-5.238886		-6.023747	-112.394839	
0.50000		-2.742663	-28.410564	-0.076105
-5.238886		-6.056072	-147.817933	
0.75000		-2.742663	-28.410564	-0.076105
-5.238886		-6.088397	-183.241026	
1.00000		-2.742663	-28.410564	-0.076105
-5.238886		-6.120722	-218.664120	

ELEM 3 ========== LENGTH = 4.987261

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.203730	10.243618	0.338357
-1.917759		2.755422	-77.130032	
0.25000		2.203730	10.243618	0.338357
-1.917759		2.333553	-89.901930	
0.50000		2.203730	10.243618	0.338357
-1.917759		1.911684	-102.673828	
0.75000		2.203730	10.243618	0.338357
-1.917759		1.489814	-115.445726	
1.00000		2.203730	10.243618	0.338357
-1.917759		1.067945	-128.217624	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.065802	-23.198714	-0.486852
-1.495684		-3.311136	178.228612	
0.25000		-3.065802	-23.198714	-0.486852
-1.495684		-2.704122	207.153121	
0.50000		-3.065802	-23.198714	-0.486852
-1.495684		-2.097108	236.077629	
0.75000		-3.065802	-23.198714	-0.486852
-1.495684		-1.490094	265.002137	
1.00000		-3.065802	-23.198714	-0.486852
-1.495684		-0.883080	293.926646	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.718584	16.749217	-0.149440
4.203626		-2.300587	-131.418977	
0.25000		0.718584	16.749217	-0.149440
4.203626		-2.114263	-152.302154	
0.50000		0.718584	16.749217	-0.149440
4.203626		-1.927940	-173.185332	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
74

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.718584	16.749217	-0.149440
4.203626		-1.741616	-194.068509	
1.00000		0.718584	16.749217	-0.149440
4.203626		-1.555292	-214.951686	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.292638	-4.923697	-0.086028
-1.742278		-0.385503	38.550752	
0.25000		-0.292638	-4.923697	-0.086028
-1.742278		-0.278243	44.689692	
0.50000		-0.292638	-4.923697	-0.086028
-1.742278		-0.170982	50.828632	
0.75000		-0.292638	-4.923697	-0.086028
-1.742278		-0.063721	56.967572	
1.00000		-0.292638	-4.923697	-0.086028
-1.742278		0.043540	63.106513	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.531127	1.377094	0.468490
1.160426		3.948337	-10.034255	
0.25000		0.531127	1.377094	0.468490
1.160426		3.364217	-11.751237	
0.50000		0.531127	1.377094	0.468490
1.160426		2.780097	-13.468219	
0.75000		0.531127	1.377094	0.468490
1.160426		2.195977	-15.185201	
1.00000		0.531127	1.377094	0.468490
1.160426		1.611857	-16.902183	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.095000	-0.247518	-0.084528
-0.208332		-0.706532	1.803900	
0.25000		-0.095000	-0.247518	-0.084528
-0.208332		-0.601142	2.112509	
0.50000		-0.095000	-0.247518	-0.084528
-0.208332		-0.495752	2.421118	
0.75000		-0.095000	-0.247518	-0.084528
-0.208332		-0.390361	2.729727	
1.00000		-0.095000	-0.247518	-0.084528
-0.208332		-0.284971	3.038336	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.453440	28.369929	0.657407
3.446294		4.403172	-218.583264	
0.25000		3.453440	28.369929	0.657407
3.446294		3.583506	-253.955322	
0.50000		3.453440	28.369929	0.657407
3.446294		2.763841	-289.327379	
0.75000		3.453440	28.369929	0.657407
3.446294		1.944176	-324.699436	
1.00000		3.453440	28.369929	0.657407
3.446294		1.124511	-360.071494	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.453440	-28.369929	-0.657407
-3.446294		-4.403172	218.583264	
0.25000		-3.453440	-28.369929	-0.657407
-3.446294		-3.583506	253.955322	
0.50000		-3.453440	-28.369929	-0.657407
-3.446294		-2.763841	289.327379	
0.75000		-3.453440	-28.369929	-0.657407
-3.446294		-1.944176	324.699436	
1.00000		-3.453440	-28.369929	-0.657407
-3.446294		-1.124511	360.071494	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.453440	28.369929	0.657407
4.203626		4.403172	218.583264	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
75

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.453440	28.369929	0.657407
4.203626		3.583506	253.955322	
0.50000		3.453440	28.369929	0.657407
4.203626		2.780097	289.327379	
0.75000		3.453440	28.369929	0.657407
4.203626		2.195977	324.699436	
1.00000		3.453440	28.369929	0.657407
4.203626		1.611857	360.071494	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.453440	-28.369929	-0.657407
-3.446294		-4.403172	-218.583264	
0.25000		-3.453440	-28.369929	-0.657407
-3.446294		-3.583506	-253.955322	
0.50000		-3.453440	-28.369929	-0.657407
-3.446294		-2.763841	-289.327379	
0.75000		-3.453440	-28.369929	-0.657407
-3.446294		-1.944176	-324.699436	
1.00000		-3.453440	-28.369929	-0.657407
-3.446294		-1.555292	-360.071494	

ELEM 4 ========== LENGTH = 4.987335

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.662395	10.215907	0.146422
-2.877612		-0.037646	-128.139280	
0.25000		2.662395	10.215907	0.146422
-2.877612		-0.220209	-140.876819	
0.50000		2.662395	10.215907	0.146422
-2.877612		-0.402773	-153.614358	
0.75000		2.662395	10.215907	0.146422
-2.877612		-0.585337	-166.351897	
1.00000		2.662395	10.215907	0.146422
-2.877612		-0.767900	-179.089437	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.691939	-23.128354	-0.219216
0.062473		0.626110	293.839910	
0.25000		-3.691939	-23.128354	-0.219216
0.062473		0.899436	322.677124	
0.50000		-3.691939	-23.128354	-0.219216
0.062473		1.172762	351.514339	
0.75000		-3.691939	-23.128354	-0.219216
0.062473		1.446087	380.351554	
1.00000		-3.691939	-23.128354	-0.219216
0.062473		1.719413	409.188769	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.942453	16.707643	-0.137241
3.653139		-2.097548	-214.939167	
0.25000		0.942453	16.707643	-0.137241
3.653139		-1.926432	-235.770822	
0.50000		0.942453	16.707643	-0.137241
3.653139		-1.755315	-256.602477	
0.75000		0.942453	16.707643	-0.137241
3.653139		-1.584199	-277.434132	
1.00000		0.942453	16.707643	-0.137241
3.653139		-1.413083	-298.265788	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.339079	-4.909868	-0.052687
-1.488476		0.155105	63.108000	
0.25000		-0.339079	-4.909868	-0.052687
-1.488476		0.220797	69.229790	
0.50000		-0.339079	-4.909868	-0.052687
-1.488476		0.286488	75.351579	
0.75000		-0.339079	-4.909868	-0.052687
-1.488476		0.352180	81.473369	
1.00000		-0.339079	-4.909868	-0.052687
-1.488476		0.417872	87.595159	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
76

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.518871	1.358931	0.320699
0.792758		1.645172	-16.909044	
0.25000		0.518871	1.358931	0.320699
0.792758		1.245314	-18.603406	
0.50000		0.518871	1.358931	0.320699
0.792758		0.845455	-20.297767	
0.75000		0.518871	1.358931	0.320699
0.792758		0.445597	-21.992128	
1.00000		0.518871	1.358931	0.320699
0.792758		0.045739	-23.686489	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.092701	-0.244259	-0.057977
-0.142283		-0.291194	3.044582	
0.25000		-0.092701	-0.244259	-0.057977
-0.142283		-0.218905	3.344132	
0.50000		-0.092701	-0.244259	-0.057977
-0.142283		-0.146617	3.648683	
0.75000		-0.092701	-0.244259	-0.057977
-0.142283		-0.074329	3.953234	
1.00000		-0.092701	-0.244259	-0.057977
-0.142283		-0.002040	4.257785	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.123719	28.282482	0.329880
1.568286		-0.490022	-359.987491	
0.25000		4.123719	28.282482	0.329880
1.568286		-0.901327	-395.251047	
0.50000		4.123719	28.282482	0.329880
1.568286		-1.312633	-430.514602	
0.75000		4.123719	28.282482	0.329880
1.568286		-1.723939	-465.778157	
1.00000		4.123719	28.282482	0.329880
1.568286		-2.135244	-501.041713	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.123719	-28.282482	-0.329880
-1.568286		0.490022	359.987491	
0.25000		-4.123719	-28.282482	-0.329880
-1.568286		0.901327	395.251047	
0.50000		-4.123719	-28.282482	-0.329880
-1.568286		1.312633	430.514602	
0.75000		-4.123719	-28.282482	-0.329880
-1.568286		1.723939	465.778157	
1.00000		-4.123719	-28.282482	-0.329880
-1.568286		2.135244	501.041713	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.123719	28.282482	0.329880
3.653139		1.645172	359.987491	
0.25000		4.123719	28.282482	0.329880
3.653139		1.245314	395.251047	
0.50000		4.123719	28.282482	0.329880
3.653139		1.312633	430.514602	
0.75000		4.123719	28.282482	0.329880
3.653139		1.723939	465.778157	
1.00000		4.123719	28.282482	0.329880
3.653139		2.135244	501.041713	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.123719	-28.282482	-0.329880
-2.877612		-2.097548	-359.987491	
0.25000		-4.123719	-28.282482	-0.329880
-2.877612		-1.926432	-395.251047	
0.50000		-4.123719	-28.282482	-0.329880
-2.877612		-1.755315	-430.514602	
0.75000		-4.123719	-28.282482	-0.329880
-2.877612		-1.723939	-465.778157	
1.00000		-4.123719	-28.282482	-0.329880
-2.877612		-2.135244	-501.041713	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
77

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 5 ========== LENGTH = 4.988640

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.100770	10.160963	-0.096629
-3.797018		-1.826978	-179.009774	
0.25000		3.100770	10.160963	-0.096629
-3.797018		-1.706466	-191.682121	
0.50000		3.100770	10.160963	-0.096629
-3.797018		-1.585954	-204.354468	
0.75000		3.100770	10.160963	-0.096629
-3.797018		-1.465443	-217.026815	
1.00000		3.100770	10.160963	-0.096629
-3.797018		-1.344931	-229.699162	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.270503	-23.046424	0.094094
1.822672		2.511177	409.106522	
0.25000		-4.270503	-23.046424	0.094094
1.822672		2.999826	437.843101	
0.50000		-4.270503	-23.046424	0.094094
1.822672		2.882475	466.585681	
0.75000		-4.270503	-23.046424	0.094094
1.822672		2.765125	495.328260	
1.00000		-4.270503	-23.046424	0.094094
1.822672		2.647774	524.070839	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.131948	16.685899	-0.074861
2.722699		-1.871982	-298.253897	
0.25000		1.131948	16.685899	-0.074861
2.722699		-1.778619	-319.063884	
0.50000		1.131948	16.685899	-0.074861
2.722699		-1.685256	-339.873870	
0.75000		1.131948	16.685899	-0.074861
2.722699		-1.591893	-360.683857	
1.00000		1.131948	16.685899	-0.074861
2.722699		-1.498530	-381.493844	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.375076	-4.911477	-0.021744
-1.103273		0.504657	87.596277	
0.25000		-0.375076	-4.911477	-0.021744
-1.103273		0.531775	93.721675	
0.50000		-0.375076	-4.911477	-0.021744
-1.103273		0.558893	99.847072	
0.75000		-0.375076	-4.911477	-0.021744
-1.103273		0.586012	105.972470	
1.00000		-0.375076	-4.911477	-0.021744
-1.103273		0.613130	112.097868	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.502539	1.354504	0.121303
0.432484		0.086755	-23.691897	
0.25000		0.502539	1.354504	0.121303
0.432484		-0.064572	-25.381179	
0.50000		0.502539	1.354504	0.121303
0.432484		-0.215813	-27.070462	
0.75000		0.502539	1.354504	0.121303
0.432484		-0.367098	-28.759745	
1.00000		0.502539	1.354504	0.121303
0.432484		-0.518382	-30.449027	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.089678	-0.243465	-0.022164
-0.077564		-0.009629	4.258769	
0.25000		-0.089678	-0.243465	-0.022164
-0.077564		0.018013	4.562408	
0.50000		-0.089678	-0.243465	-0.022164
-0.077564		0.045655	4.866048	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
78

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.089678	-0.243465	-0.022164
-0.077564		0.073296	5.169687	
1.00000		-0.089678	-0.243465	-0.022164
-0.077564		0.100938	5.473326	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.735257	28.201366	-0.050187
-0.641835		-3.612205	-500.955568	
0.25000		4.735257	28.201366	-0.050187
-0.641835		-3.549614	-536.127184	
0.50000		4.735257	28.201366	-0.050187
-0.641835		-3.487024	-571.298801	
0.75000		4.735257	28.201366	-0.050187
-0.641835		-3.424433	-606.470417	
1.00000		4.735257	28.201366	-0.050187
-0.641835		-3.361842	-641.642034	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.735257	-28.201366	0.050187
0.641835		3.612205	500.955568	
0.25000		-4.735257	-28.201366	0.050187
0.641835		3.549614	536.127184	
0.50000		-4.735257	-28.201366	0.050187
0.641835		3.487024	571.298801	
0.75000		-4.735257	-28.201366	0.050187
0.641835		3.424433	606.470417	
1.00000		-4.735257	-28.201366	0.050187
0.641835		3.361842	641.642034	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.735257	28.201366	0.121303
2.722699		3.612205	500.955568	
0.25000		4.735257	28.201366	0.121303
2.722699		3.549614	536.127184	
0.50000		4.735257	28.201366	0.121303
2.722699		3.487024	571.298801	
0.75000		4.735257	28.201366	0.121303
2.722699		3.424433	606.470417	
1.00000		4.735257	28.201366	0.121303
2.722699		3.361842	641.642034	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.735257	-28.201366	-0.096629
-3.797018		-3.612205	-500.955568	
0.25000		-4.735257	-28.201366	-0.096629
-3.797018		-3.549614	-536.127184	
0.50000		-4.735257	-28.201366	-0.096629
-3.797018		-3.487024	-571.298801	
0.75000		-4.735257	-28.201366	-0.096629
-3.797018		-3.424433	-606.470417	
1.00000		-4.735257	-28.201366	-0.096629
-3.797018		-3.361842	-641.642034	

ELEM 6 ========== LENGTH = 4.986975

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.513103	10.074102	-0.287967
-4.783582		-2.343362	-229.617868	
0.25000		3.513103	10.074102	-0.287967
-4.783582		-1.984341	-242.177693	
0.50000		3.513103	10.074102	-0.287967
-4.783582		-1.625321	-254.737517	
0.75000		3.513103	10.074102	-0.287967
-4.783582		-1.266300	-267.297342	
1.00000		3.513103	10.074102	-0.287967
-4.783582		-0.907279	-279.857166	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
79

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.787359	-22.892748	0.287306
3.778507		3.899201	523.981669	
0.25000		-4.787359	-22.892748	0.287306
3.778507		3.541004	552.523062	
0.50000		-4.787359	-22.892748	0.287306
3.778507		3.182807	581.064455	
0.75000		-4.787359	-22.892748	0.287306
3.778507		2.824610	609.605848	
1.00000		-4.787359	-22.892748	0.287306
3.778507		2.466413	638.147242	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.274879	16.615471	0.056270
1.598372		-1.844236	-381.483672	
0.25000		1.274879	16.615471	0.056270
1.598372		-1.914431	-402.198908	
0.50000		1.274879	16.615471	0.056270
1.598372		-1.984545	-422.914145	
0.75000		1.274879	16.615471	0.056270
1.598372		-2.054700	-443.629381	
1.00000		1.274879	16.615471	0.056270
1.598372		-2.124855	-464.344617	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.397593	-4.908628	-0.022890
-0.621064		0.667526	112.098896	
0.25000		-0.397593	-4.908628	-0.022890
-0.621064		0.696064	118.218698	
0.50000		-0.397593	-4.908628	-0.022890
-0.621064		0.724602	124.338500	
0.75000		-0.397593	-4.908628	-0.022890
-0.621064		0.753139	130.458302	
1.00000		-0.397593	-4.908628	-0.022890
-0.621064		0.781677	136.578104	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.483071	1.355430	-0.039427
0.033705		-0.471437	-30.453093	
0.25000		0.483071	1.355430	-0.039427
0.033705		-0.422282	-32.142968	
0.50000		0.483071	1.355430	-0.039427
0.033705		-0.373127	-33.832842	
0.75000		0.483071	1.355430	-0.039427
0.033705		-0.323972	-35.522716	
1.00000		0.483071	1.355430	-0.039427
0.033705		-0.274816	-37.212591	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.086101	-0.243627	0.006707
-0.005938		0.092308	5.474068	
0.25000		-0.086101	-0.243627	0.006707
-0.005938		0.083946	5.777808	
0.50000		-0.086101	-0.243627	0.006707
-0.005938		0.075584	6.081548	
0.75000		-0.086101	-0.243627	0.006707
-0.005938		0.067222	6.385288	
1.00000		-0.086101	-0.243627	0.006707
-0.005938		0.058860	6.689029	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.271053	28.045003	-0.271123
-3.151505		-4.659035	-641.554633	
0.25000		5.271053	28.045003	-0.271123
-3.151505		-4.321014	-676.519568	
0.50000		5.271053	28.045003	-0.271123
-3.151505		-3.982993	-711.484504	
0.75000		5.271053	28.045003	-0.271123
-3.151505		-3.644971	-746.449439	
1.00000		5.271053	28.045003	-0.271123
-3.151505		-3.306950	-781.414374	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
80

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.271053	-28.045003	0.271123
3.151505		4.659035	641.554633	
0.25000		-5.271053	-28.045003	0.271123
3.151505		4.321014	676.519568	
0.50000		-5.271053	-28.045003	0.271123
3.151505		3.982993	711.484504	
0.75000		-5.271053	-28.045003	0.271123
3.151505		3.644971	746.449439	
1.00000		-5.271053	-28.045003	0.271123
3.151505		3.306950	781.414374	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.271053	28.045003	0.287306
3.778507		4.659035	641.554633	
0.25000		5.271053	28.045003	0.287306
3.778507		4.321014	676.519568	
0.50000		5.271053	28.045003	0.287306
3.778507		3.982993	711.484504	
0.75000		5.271053	28.045003	0.287306
3.778507		3.644971	746.449439	
1.00000		5.271053	28.045003	0.287306
3.778507		3.306950	781.414374	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.271053	-28.045003	-0.287967
-4.783582		-4.659035	-641.554633	
0.25000		-5.271053	-28.045003	-0.287967
-4.783582		-4.321014	-676.519568	
0.50000		-5.271053	-28.045003	-0.287967
-4.783582		-3.982993	-711.484504	
0.75000		-5.271053	-28.045003	-0.287967
-4.783582		-3.644971	-746.449439	
1.00000		-5.271053	-28.045003	-0.287967
-4.783582		-3.306950	-781.414374	

ELEM 7 ========== LENGTH = 4.987426

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.892207	9.930867	-0.441890
-5.778465		-1.827561	-279.775399	
0.25000		3.892207	9.930867	-0.441890
-5.778465		-1.276587	-292.157765	
0.50000		3.892207	9.930867	-0.441890
-5.778465		-0.725613	-304.540132	
0.75000		3.892207	9.930867	-0.441890
-5.778465		-0.174639	-316.922498	
1.00000		3.892207	9.930867	-0.441890
-5.778465		0.376334	-329.304865	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.226776	-22.609778	0.373497
5.708527		3.532533	638.059379	
0.25000		-5.226776	-22.609778	0.373497
5.708527		3.066836	666.250527	
0.50000		-5.226776	-22.609778	0.373497
5.708527		2.601138	694.441676	
0.75000		-5.226776	-22.609778	0.373497
5.708527		2.135440	722.632825	
1.00000		-5.226776	-22.609778	0.373497
5.708527		1.669743	750.823973	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.360318	16.461428	0.278463
0.498295		-2.329673	-464.337535	
0.25000		1.360318	16.461428	0.278463
0.498295		-2.676877	-484.862574	
0.50000		1.360318	16.461428	0.278463
0.498295		-3.024080	-505.387613	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
81

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		1.360318	16.461428	0.278463
0.498295		-3.371283	-525.912651	
1.00000		1.360318	16.461428	0.278463
0.498295		-3.718487	-546.437690	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.403479	-4.897302	-0.056036
-0.072412		0.795692	136.579002	
0.25000		-0.403479	-4.897302	-0.056036
-0.072412		0.865561	142.685235	
0.50000		-0.403479	-4.897302	-0.056036
-0.072412		0.935429	148.791467	
0.75000		-0.403479	-4.897302	-0.056036
-0.072412		1.005297	154.897700	
1.00000		-0.403479	-4.897302	-0.056036
-0.072412		1.075166	161.003933	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.459537	1.359050	-0.187306
-0.433993		-0.219802	-37.214899	
0.25000		0.459537	1.359050	-0.187306
-0.433993		0.013742	-38.909439	
0.50000		0.459537	1.359050	-0.187306
-0.433993		0.247286	-40.603979	
0.75000		0.459537	1.359050	-0.187306
-0.433993		0.480830	-42.298519	
1.00000		0.459537	1.359050	-0.187306
-0.433993		0.714373	-43.993058	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.081807	-0.244265	0.033271
0.078049		0.048810	6.689453	
0.25000		-0.081807	-0.244265	0.033271
0.078049		0.007325	6.994016	
0.50000		-0.081807	-0.244265	0.033271
0.078049		-0.034160	7.298580	
0.75000		-0.081807	-0.244265	0.033271
0.078049		-0.075645	7.603143	
1.00000		-0.081807	-0.244265	0.033271
0.078049		-0.117129	7.907707	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.712062	27.751345	-0.350733
-5.714164		-4.377035	-781.327834	
0.25000		5.712062	27.751345	-0.350733
-5.714164		-3.939721	-815.929779	
0.50000		5.712062	27.751345	-0.350733
-5.714164		-3.502407	-850.531723	
0.75000		5.712062	27.751345	-0.350733
-5.714164		-3.065093	-885.133668	
1.00000		5.712062	27.751345	-0.350733
-5.714164		-2.627779	-919.735613	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.712062	-27.751345	0.350733
5.714164		4.377035	781.327834	
0.25000		-5.712062	-27.751345	0.350733
5.714164		3.939721	815.929779	
0.50000		-5.712062	-27.751345	0.350733
5.714164		3.502407	850.531723	
0.75000		-5.712062	-27.751345	0.350733
5.714164		3.065093	885.133668	
1.00000		-5.712062	-27.751345	0.350733
5.714164		2.627779	919.735613	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.712062	27.751345	0.373497
5.714164		4.377035	781.327834	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
82

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.712062	27.751345	0.373497
5.714164		3.939721	815.929779	
0.50000		5.712062	27.751345	0.373497
5.714164		3.502407	850.531723	
0.75000		5.712062	27.751345	0.373497
5.714164		3.065093	885.133668	
1.00000		5.712062	27.751345	0.373497
5.714164		2.627779	919.735613	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.712062	-27.751345	-0.441890
-5.778465		-4.377035	-781.327834	
0.25000		-5.712062	-27.751345	-0.441890
-5.778465		-3.939721	-815.929779	
0.50000		-5.712062	-27.751345	-0.441890
-5.778465		-3.502407	-850.531723	
0.75000		-5.712062	-27.751345	-0.441890
-5.778465		-3.371283	-885.133668	
1.00000		-5.712062	-27.751345	-0.441890
-5.778465		-3.718487	-919.735613	

ELEM 8 ========== LENGTH = 4.988004

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.230361	9.690953	-0.546401
-6.669357		-0.446389	-329.224400	
0.25000		4.230361	9.690953	-0.546401
-6.669357		0.234973	-341.309027	
0.50000		4.230361	9.690953	-0.546401
-6.669357		0.916336	-353.393654	
0.75000		4.230361	9.690953	-0.546401
-6.669357		1.597698	-365.478281	
1.00000		4.230361	9.690953	-0.546401
-6.669357		2.279061	-377.562908	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.572853	-22.102787	0.438299
7.237488		2.510831	750.741505	
0.25000		-5.572853	-22.102787	0.438299
7.237488		1.964272	778.303701	
0.50000		-5.572853	-22.102787	0.438299
7.237488		1.417712	805.865896	
0.75000		-5.572853	-22.102787	0.438299
7.237488		0.871153	833.428091	
1.00000		-5.572853	-22.102787	0.438299
7.237488		0.324594	860.990286	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.378846	16.161065	0.418050
-0.213805		-3.759040	-546.436465	
0.25000		1.378846	16.161065	0.418050
-0.213805		-4.280349	-566.589328	
0.50000		1.378846	16.161065	0.418050
-0.213805		-4.801658	-586.742191	
0.75000		1.378846	16.161065	0.418050
-0.213805		-5.322967	-606.895054	
1.00000		1.378846	16.161065	0.418050
-0.213805		-5.844276	-627.047917	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.389699	-4.872000	-0.080267
0.494212		1.041216	161.004960	
0.25000		-0.389699	-4.872000	-0.080267
0.494212		1.141309	167.080349	
0.50000		-0.389699	-4.872000	-0.080267
0.494212		1.241402	173.155738	
0.75000		-0.389699	-4.872000	-0.080267
0.494212		1.341496	179.231127	
1.00000		-0.389699	-4.872000	-0.080267
0.494212		1.441589	185.306516	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
83

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.429748	1.368756	-0.279496
-1.034382		0.782965	-43.993371	
0.25000		0.429748	1.368756	-0.279496
-1.034382		1.131497	-45.700211	
0.50000		0.429748	1.368756	-0.279496
-1.034382		1.480029	-47.407051	
0.75000		0.429748	1.368756	-0.279496
-1.034382		1.828560	-49.113890	
1.00000		0.429748	1.368756	-0.279496
-1.034382		2.177092	-50.820730	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.076403	-0.245987	0.049815
0.185843		-0.012933	7.907871	
0.25000		-0.076403	-0.245987	0.049815
0.185843		-0.191702	8.214516	
0.50000		-0.076403	-0.245987	0.049815
0.185843		-0.253822	8.521262	
0.75000		-0.076403	-0.245987	0.049815
0.185843		-0.315941	8.828007	
1.00000		-0.076403	-0.245987	0.049815
0.185843		-0.378060	9.134753	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.038955	27.220774	-0.407847
-7.917544		-3.422464	-919.654236	
0.25000		6.038955	27.220774	-0.407847
-7.917544		-2.913879	-953.598566	
0.50000		6.038955	27.220774	-0.407847
-7.917544		-2.405293	-987.542895	
0.75000		6.038955	27.220774	-0.407847
-7.917544		-1.896708	-1021.487	
1.00000		6.038955	27.220774	-0.407847
-7.917544		-1.388123	-1055.432	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.038955	-27.220774	0.407847
7.917544		3.422464	919.654236	
0.25000		-6.038955	-27.220774	0.407847
7.917544		2.913879	953.598566	
0.50000		-6.038955	-27.220774	0.407847
7.917544		2.405293	987.542895	
0.75000		-6.038955	-27.220774	0.407847
7.917544		1.896708	1021.487	
1.00000		-6.038955	-27.220774	0.407847
7.917544		1.388123	1055.432	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.038955	27.220774	0.438299
7.917544		3.422464	919.654236	
0.25000		6.038955	27.220774	0.438299
7.917544		2.913879	953.598566	
0.50000		6.038955	27.220774	0.438299
7.917544		2.405293	987.542895	
0.75000		6.038955	27.220774	0.438299
7.917544		1.896708	1021.487	
1.00000		6.038955	27.220774	0.438299
7.917544		2.279061	1055.432	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.038955	-27.220774	-0.546401
-7.917544		-3.759040	-919.654236	
0.25000		-6.038955	-27.220774	-0.546401
-7.917544		-4.280349	-953.598566	
0.50000		-6.038955	-27.220774	-0.546401
-7.917544		-4.801658	-987.542895	
0.75000		-6.038955	-27.220774	-0.546401
-7.917544		-5.322967	-1021.487	
1.00000		-6.038955	-27.220774	-0.546401
-7.917544		-5.844276	-1055.432	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
84

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 9 ========== LENGTH = 4.987712

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.519534	9.242897	-0.405665
-7.216591		1.574532	-377.486101	
0.25000		4.519534	9.242897	-0.405665
-7.216591		2.080367	-389.011329	
0.50000		4.519534	9.242897	-0.405665
-7.216591		2.586201	-400.536557	
0.75000		4.519534	9.242897	-0.405665
-7.216591		3.092036	-412.061784	
1.00000		4.519534	9.242897	-0.405665
-7.216591		3.597871	-423.587012	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.811309	-21.095291	0.594142
7.538275		0.907126	860.919045	
0.25000		-5.811309	-21.095291	0.594142
7.538275		0.166274	887.223355	
0.50000		-5.811309	-21.095291	0.594142
7.538275		-0.574578	913.527665	
0.75000		-5.811309	-21.095291	0.594142
7.538275		-1.315430	939.831975	
1.00000		-5.811309	-21.095291	0.594142
7.538275		-2.056282	966.136285	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.323748	15.501130	-0.192903
0.319845		-5.709284	-627.056952	
0.25000		1.323748	15.501130	-0.192903
0.319845		-5.468748	-646.385745	
0.50000		1.323748	15.501130	-0.192903
0.319845		-5.228213	-665.714538	
0.75000		1.323748	15.501130	-0.192903
0.319845		-4.987677	-685.043331	
1.00000		1.323748	15.501130	-0.192903
0.319845		-4.747141	-704.372125	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.354017	-4.792305	0.032768
0.926134		1.355150	185.308214	
0.25000		-0.354017	-4.792305	0.032768
0.926134		1.314290	191.283874	
0.50000		-0.354017	-4.792305	0.032768
0.926134		1.273430	197.259534	
0.75000		-0.354017	-4.792305	0.032768
0.926134		1.232570	203.235194	
1.00000		-0.354017	-4.792305	0.032768
0.926134		1.191710	209.210853	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.391551	1.394076	-0.034000
-1.910885		2.266728	-50.818579	
0.25000		0.391551	1.394076	-0.034000
-1.910885		2.091224	-52.556891	
0.50000		0.391551	1.394076	-0.034000
-1.910885		2.351520	-54.295204	
0.75000		0.391551	1.394076	-0.034000
-1.910885		2.393916	-56.033517	
1.00000		0.391551	1.394076	-0.034000
-1.910885		2.436312	-57.771830	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.069507	-0.250507	0.005658
0.343222		-0.394252	9.134372	
0.25000		-0.069507	-0.250507	0.005658
0.343222		-0.401307	9.446736	
0.50000		-0.069507	-0.250507	0.005658
0.343222		-0.408361	9.759100	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
85

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.069507	-0.250507	0.005658
0.343222		-0.415416	10.071464	
1.00000		-0.069507	-0.250507	0.005658
0.343222		-0.422470	10.383828	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.234833	26.138103	-0.632568
-8.807631		-1.868023	-1055.362	
0.25000		6.234833	26.138103	-0.632568
-8.807631		-1.079257	-1087.954	
0.50000		6.234833	26.138103	-0.632568
-8.807631		-0.290491	-1120.546	
0.75000		6.234833	26.138103	-0.632568
-8.807631		0.498275	-1153.139	
1.00000		6.234833	26.138103	-0.632568
-8.807631		1.287042	-1185.731	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.234833	-26.138103	0.632568
8.807631		1.868023	1055.362	
0.25000		-6.234833	-26.138103	0.632568
8.807631		1.079257	1087.954	
0.50000		-6.234833	-26.138103	0.632568
8.807631		0.290491	1120.546	
0.75000		-6.234833	-26.138103	0.632568
8.807631		-0.498275	1153.139	
1.00000		-6.234833	-26.138103	0.632568
8.807631		-1.287042	1185.731	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.234833	26.138103	0.632568
8.807631		2.266728	1055.362	
0.25000		6.234833	26.138103	0.632568
8.807631		2.309124	1087.954	
0.50000		6.234833	26.138103	0.632568
8.807631		2.586201	1120.546	
0.75000		6.234833	26.138103	0.632568
8.807631		3.092036	1153.139	
1.00000		6.234833	26.138103	0.632568
8.807631		3.597871	1185.731	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.234833	-26.138103	-0.632568
-8.807631		-5.709284	-1055.362	
0.25000		-6.234833	-26.138103	-0.632568
-8.807631		-5.468748	-1087.954	
0.50000		-6.234833	-26.138103	-0.632568
-8.807631		-5.228213	-1120.546	
0.75000		-6.234833	-26.138103	-0.632568
-8.807631		-4.987677	-1153.139	
1.00000		-6.234833	-26.138103	-0.632568
-8.807631		-4.747141	-1185.731	

ELEM 10 ========== LENGTH = 4.987631

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.754956	8.616564	0.438405
-7.517624		3.028250	-423.517461	
0.25000		4.754956	8.616564	0.438405
-7.517624		2.481600	-434.261521	
0.50000		4.754956	8.616564	0.438405
-7.517624		1.934949	-445.005581	
0.75000		4.754956	8.616564	0.438405
-7.517624		1.388298	-455.749641	
1.00000		4.754956	8.616564	0.438405
-7.517624		0.841647	-466.493701	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
86

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.930373	-19.540421	0.988351
6.125094		-1.759508	966.085903	
0.25000		-5.930373	-19.540421	0.988351
6.125094		-2.991891	990.451005	
0.50000		-5.930373	-19.540421	0.988351
6.125094		-4.224274	1014.816	
0.75000		-5.930373	-19.540421	0.988351
6.125094		-5.456657	1039.181	
1.00000		-5.930373	-19.540421	0.988351
6.125094		-6.689040	1063.546	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.184986	14.348249	-2.912855
3.130549		-4.427263	-704.399962	
0.25000		1.184986	14.348249	-2.912855
3.130549		-3.795201	-722.290903	
0.50000		1.184986	14.348249	-2.912855
3.130549		2.836861	-740.181845	
0.75000		1.184986	14.348249	-2.912855
3.130549		6.468922	-758.072787	
1.00000		1.184986	14.348249	-2.912855
3.130549		10.100984	-775.963729	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.293797	-4.656377	0.534956
1.080508		1.049070	209.214600	
0.25000		-0.293797	-4.656377	0.534956
1.080508		0.382029	215.020672	
0.50000		-0.293797	-4.656377	0.534956
1.080508		-0.285012	220.826744	
0.75000		-0.293797	-4.656377	0.534956
1.080508		-0.952053	226.632816	
1.00000		-0.293797	-4.656377	0.534956
1.080508		-1.619095	232.438888	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.345438	1.501859	1.160089
-3.435679		2.552905	-57.765834	
0.25000		0.345438	1.501859	1.160089
-3.435679		1.106381	-59.638513	
0.50000		0.345438	1.501859	1.160089
-3.435679		-0.340143	-61.511192	
0.75000		0.345438	1.501859	1.160089
-3.435679		-1.786667	-63.383871	
1.00000		0.345438	1.501859	1.160089
-3.435679		-3.233191	-65.256550	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061210	-0.269873	-0.208947
0.617152	-0.443455	10.382753	
0.25000	-0.061210	-0.269873	-0.208947
0.617152	-0.182918	10.719260	
0.50000	-0.061210	-0.269873	-0.208947
0.617152	0.077619	11.055767	
0.75000	-0.061210	-0.269873	-0.208947
0.617152	0.338116	11.392274	
1.00000	-0.061210	-0.269873	-0.208947
0.617152	0.598694	11.728782	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.285380	24.466671	-1.314361
-7.822754	1.153892	-1185.683	
0.25000	6.285380	24.466671	-1.314361
-7.822754	2.792779	-1216.191	
0.50000	6.285380	24.466671	-1.314361
-7.822754	4.431666	-1246.699	
0.75000	6.285380	24.466671	-1.314361
-7.822754	6.070554	-1277.206	
1.00000	6.285380	24.466671	-1.314361
-7.822754	7.709441	-1307.714	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
87

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.285380	-24.466671	1.314361
7.822754	-1.153892	1185.683	
0.25000	-6.285380	-24.466671	1.314361
7.822754	-2.792779	1216.191	
0.50000	-6.285380	-24.466671	1.314361
7.822754	-4.431666	1246.699	
0.75000	-6.285380	-24.466671	1.314361
7.822754	-6.070554	1277.206	
1.00000	-6.285380	-24.466671	1.314361
7.822754	-7.709441	1307.714	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.285380	24.466671	1.314361
7.822754	3.028250	1185.683	
0.25000	6.285380	24.466671	1.314361
7.822754	2.792779	1216.191	
0.50000	6.285380	24.466671	1.314361
7.822754	4.431666	1246.699	
0.75000	6.285380	24.466671	1.314361
7.822754	6.446822	1277.206	
1.00000	6.285380	24.466671	1.314361
7.822754	10.100984	1307.714	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.285380	-24.466671	-2.912855
-7.822754	-4.427263	-1185.683	
0.25000	-6.285380	-24.466671	-2.912855
-7.822754	-2.991891	-1216.191	
0.50000	-6.285380	-24.466671	-2.912855
-7.822754	-4.431666	-1246.699	
0.75000	-6.285380	-24.466671	-2.912855
-7.822754	-6.070554	-1277.206	
1.00000	-6.285380	-24.466671	-2.912855
-7.822754	-7.709441	-1307.714	

ELEM 11 ========== LENGTH = 3.491086

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.954064	7.838642	2.435144
-7.774546	0.380301	-466.431525	
0.25000	4.954064	7.838642	2.435144
-7.774546	-1.745023	-473.273169	
0.50000	4.954064	7.838642	2.435144
-7.774546	-3.870347	-480.114513	
0.75000	4.954064	7.838642	2.435144
-7.774546	-5.995672	-486.955857	
1.00000	4.954064	7.838642	2.435144
-7.774546	-8.120996	-493.797201	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.922023	-17.403440	1.740975
2.650157	-6.696230	1063.524	
0.25000	-5.922023	-17.403440	1.740975
2.650157	-8.215704	1078.714	
0.50000	-5.922023	-17.403440	1.740975
2.650157	-9.735178	1093.903	
0.75000	-5.922023	-17.403440	1.740975
2.650157	-11.254651	1109.092	
1.00000	-5.922023	-17.403440	1.740975
2.650157	-12.774125	1124.281	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.922391	12.575190	-9.007615
9.327396	10.672669	-776.021543	
0.25000	0.922391	12.575190	-9.007615
9.327396	18.534259	-786.996811	
0.50000	0.922391	12.575190	-9.007615
9.327396	26.395849	-797.972079	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
88

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.922391	12.575190	-9.007615
9.327396	34.257439	-808.947347	
1.00000	0.922391	12.575190	-9.007615
9.327396	42.119029	-819.922616	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197857	-4.434177	1.664025
0.712904	-1.837570	232.447491	
0.25000	-0.197857	-4.434177	1.664025
0.712904	-3.289884	236.317515	
0.50000	-0.197857	-4.434177	1.664025
0.712904	-4.742197	240.187539	
0.75000	-0.197857	-4.434177	1.664025
0.712904	-6.194511	244.057562	
1.00000	-0.197857	-4.434177	1.664025
0.712904	-7.646824	247.927586	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.295714	1.735866	3.861870
-5.992934	-3.092631	-65.245162	
0.25000	0.295714	1.735866	3.861870
-5.992934	-6.463162	-66.760176	
0.50000	0.295714	1.735866	3.861870
-5.992934	-9.833693	-68.275191	
0.75000	0.295714	1.735866	3.861870
-5.992934	-13.204223	-69.790205	
1.00000	0.295714	1.735866	3.861870
-5.992934	-16.574754	-71.305219	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.052289	-0.312080	-0.694400
1.077023	0.573461	11.726734	
0.25000	-0.052289	-0.312080	-0.694400
1.077023	1.179513	11.999108	
0.50000	-0.052289	-0.312080	-0.694400
1.077023	1.785566	12.271483	
0.75000	-0.052289	-0.312080	-0.694400
1.077023	2.391618	12.543857	
1.00000	-0.052289	-0.312080	-0.694400
1.077023	2.997670	12.816231	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.172169	22.149697	-2.710600
-4.440084	7.960339	-1307.699	
0.25000	6.172169	22.149697	-2.710600
-4.440084	10.326074	-1327.030	
0.50000	6.172169	22.149697	-2.710600
-4.440084	12.691809	-1346.362	
0.75000	6.172169	22.149697	-2.710600
-4.440084	15.057544	-1365.693	
1.00000	6.172169	22.149697	-2.710600
-4.440084	17.423279	-1385.025	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.172169	-22.149697	2.710600
4.440084	-7.960339	1307.699	
0.25000	-6.172169	-22.149697	2.710600
4.440084	-10.326074	1327.030	
0.50000	-6.172169	-22.149697	2.710600
4.440084	-12.691809	1346.362	
0.75000	-6.172169	-22.149697	2.710600
4.440084	-15.057544	1365.693	
1.00000	-6.172169	-22.149697	2.710600
4.440084	-17.423279	1385.025	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.172169	22.149697	3.861870
9.327396	10.672669	1307.699	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
89

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	6.172169	22.149697	3.861870
9.327396	18.534259	1327.030	
0.50000	6.172169	22.149697	3.861870
9.327396	26.395849	1346.362	
0.75000	6.172169	22.149697	3.861870
9.327396	34.257439	1365.693	
1.00000	6.172169	22.149697	3.861870
9.327396	42.119029	1385.025	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.172169	-22.149697	-9.007615
-7.774546	-7.960339	-1307.699	
0.25000	-6.172169	-22.149697	-9.007615
-7.774546	-10.326074	-1327.030	
0.50000	-6.172169	-22.149697	-9.007615
-7.774546	-12.691809	-1346.362	
0.75000	-6.172169	-22.149697	-9.007615
-7.774546	-15.057544	-1365.693	
1.00000	-6.172169	-22.149697	-9.007615
-7.774546	-17.423279	-1385.025	

ELEM 12 ========== LENGTH = 3.491148

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.949949	-10.446009	-2.608842
1.289824	-8.525911	-492.773956	
0.25000	5.949949	-10.446009	-2.608842
1.289824	-6.248948	-483.656815	
0.50000	5.949949	-10.446009	-2.608842
1.289824	-3.971985	-474.539673	
0.75000	5.949949	-10.446009	-2.608842
1.289824	-1.695022	-465.422532	
1.00000	5.949949	-10.446009	-2.608842
1.289824	0.581942	-456.305390	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.345946	33.521737	-1.645962
2.153574	-13.018460	1124.855	
0.25000	-5.345946	33.521737	-1.645962
2.153574	-11.581885	1095.598	
0.50000	-5.345946	33.521737	-1.645962
2.153574	-10.145311	1066.340	
0.75000	-5.345946	33.521737	-1.645962
2.153574	-8.708736	1037.083	
1.00000	-5.345946	33.521737	-1.645962
2.153574	-7.272162	1007.826	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.236871	-39.831220	9.038290
-11.919970	42.948530	-823.335684	
0.25000	-2.236871	-39.831220	9.038290
-11.919970	35.060027	-788.571509	
0.50000	-2.236871	-39.831220	9.038290
-11.919970	27.171524	-753.807335	
0.75000	-2.236871	-39.831220	9.038290
-11.919970	19.283021	-719.043160	
1.00000	-2.236871	-39.831220	9.038290
-11.919970	11.394517	-684.278986	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.436921	21.990548	-1.607168
5.235981	-7.936303	248.548378	
0.25000	0.436921	21.990548	-1.607168
5.235981	-6.533587	229.355311	
0.50000	0.436921	21.990548	-1.607168
5.235981	-5.130871	210.162244	
0.75000	0.436921	21.990548	-1.607168
5.235981	-3.728156	190.969177	
1.00000	0.436921	21.990548	-1.607168
5.235981	-2.325440	171.776110	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
90

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.457219	-6.382381	-3.874306
3.951964	-16.441690	-69.847777	
0.25000	1.457219	-6.382381	-3.874306
3.951964	-13.060245	-64.277318	
0.50000	1.457219	-6.382381	-3.874306
3.951964	-9.678801	-58.706858	
0.75000	1.457219	-6.382381	-3.874306
3.951964	-6.297357	-53.136398	
1.00000	1.457219	-6.382381	-3.874306
3.951964	-2.915913	-47.565939	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.261272	1.147323	0.697988
-0.711373	2.261734	12.554050	
0.25000	-0.261272	1.147323	0.697988
-0.711373	2.364639	11.552680	
0.50000	-0.261272	1.147323	0.697988
-0.711373	1.755444	10.551311	
0.75000	-0.261272	1.147323	0.697988
-0.711373	1.146250	9.549942	
1.00000	-0.261272	1.147323	0.697988
-0.711373	0.537055	8.548573	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.170297	-56.659609	2.555143
-6.678181	17.980929	-1385.957	
0.25000	5.170297	-56.659609	2.555143
-6.678181	15.750833	-1336.506	
0.50000	5.170297	-56.659609	2.555143
-6.678181	13.520738	-1287.054	
0.75000	5.170297	-56.659609	2.555143
-6.678181	11.290642	-1237.602	
1.00000	5.170297	-56.659609	2.555143
-6.678181	9.060546	-1188.150	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.170297	56.659609	-2.555143
6.678181	-17.980929	1385.957	
0.25000	-5.170297	56.659609	-2.555143
6.678181	-15.750833	1336.506	
0.50000	-5.170297	56.659609	-2.555143
6.678181	-13.520738	1287.054	
0.75000	-5.170297	56.659609	-2.555143
6.678181	-11.290642	1237.602	
1.00000	-5.170297	56.659609	-2.555143
6.678181	-9.060546	1188.150	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.949949	56.659609	9.038290
6.678181	42.948530	1385.957	
0.25000	5.949949	56.659609	9.038290
6.678181	35.060027	1336.506	
0.50000	5.949949	56.659609	9.038290
6.678181	27.171524	1287.054	
0.75000	5.949949	56.659609	9.038290
6.678181	19.283021	1237.602	
1.00000	5.949949	56.659609	9.038290
6.678181	11.394517	1188.150	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.345946	-56.659609	-3.874306
-11.919970	-17.980929	-1385.957	
0.25000	-5.345946	-56.659609	-3.874306
-11.919970	-15.750833	-1336.506	
0.50000	-5.345946	-56.659609	-3.874306
-11.919970	-13.520738	-1287.054	
0.75000	-5.345946	-56.659609	-3.874306
-11.919970	-11.290642	-1237.602	
1.00000	-5.345946	-56.659609	-3.874306
-11.919970	-9.060546	-1188.150	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
91

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 13 ========== LENGTH = 4.987936

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.075179	-11.325331	-0.656742
1.475767	0.270605	-456.293886	
0.25000	6.075179	-11.325331	-0.656742
1.475767	1.089552	-442.171379	
0.50000	6.075179	-11.325331	-0.656742
1.475767	1.908499	-428.048872	
0.75000	6.075179	-11.325331	-0.656742
1.475767	2.727446	-413.926366	
1.00000	6.075179	-11.325331	-0.656742
1.475767	3.546394	-399.803859	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.159924	35.680797	-0.908604
-1.804421	-5.725774	100.857	
0.25000	-5.159924	35.680797	-0.908604
-1.804421	-6.592759	963.363657	
0.50000	-5.159924	35.680797	-0.908604
-1.804421	-5.459744	918.870274	
0.75000	-5.159924	35.680797	-0.908604
-1.804421	-4.326729	874.376891	
1.00000	-5.159924	35.680797	-0.908604
-1.804421	-3.193714	829.883508	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.637126	-41.505505	3.019344
-5.518920	12.396892	-684.307765	
0.25000	-2.637126	-41.505505	3.019344
-5.518920	8.631819	-632.551064	
0.50000	-2.637126	-41.505505	3.019344
-5.518920	4.866746	-580.794363	
0.75000	-2.637126	-41.505505	3.019344
-5.518920	1.101672	-529.037662	
1.00000	-2.637126	-41.505505	3.019344
-5.518920	-2.663401	-477.280961	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.570943	22.246525	-0.499499
4.472454	-2.653075	171.776103	
0.25000	0.570943	22.246525	-0.499499
4.472454	-2.030208	144.035041	
0.50000	0.570943	22.246525	-0.499499
4.472454	-1.407342	116.293979	
0.75000	0.570943	22.246525	-0.499499
4.472454	-0.784475	88.552918	
1.00000	0.570943	22.246525	-0.499499
4.472454	-0.161608	60.811856	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.402390	-6.213242	-1.165850
1.677364	-2.806082	-47.583155	
0.25000	1.402390	-6.213242	-1.165850
1.677364	-1.612286	-39.835341	
0.50000	1.402390	-6.213242	-1.165850
1.677364	0.101509	-32.087527	
0.75000	1.402390	-6.213242	-1.165850
1.677364	1.555305	-24.339713	
1.00000	1.402390	-6.213242	-1.165850
1.677364	3.009101	-16.591899	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.251462	1.116756	0.211351
-0.302245	0.517434	8.551664	
0.25000	-0.251462	1.116756	0.211351
-0.302245	0.253883	7.550087	
0.50000	-0.251462	1.116756	0.211351
-0.302245	-0.009669	5.766509	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
92

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.251462	1.116756	0.211351
-0.302245	-0.273220	4.373932	
1.00000	-0.251462	1.116756	0.211351
-0.302245	-0.536772	2.981355	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.840443	-59.044078	1.196752
-2.365788	9.861415	-1188.185	
0.25000	4.840443	-59.044078	1.196752
-2.365788	8.369084	-1114.558	
0.50000	4.840443	-59.044078	1.196752
-2.365788	6.876754	-1040.931	
0.75000	4.840443	-59.044078	1.196752
-2.365788	5.384424	-967.303741	
1.00000	4.840443	-59.044078	1.196752
-2.365788	3.892094	-893.676719	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.840443	59.044078	-1.196752
2.365788	-9.861415	1188.185	
0.25000	-4.840443	59.044078	-1.196752
2.365788	-8.369084	1114.558	
0.50000	-4.840443	59.044078	-1.196752
2.365788	-6.876754	1040.931	
0.75000	-4.840443	59.044078	-1.196752
2.365788	-5.384424	967.303741	
1.00000	-4.840443	59.044078	-1.196752
2.365788	-3.892094	893.676719	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.075179	59.044078	3.019344
4.472454	12.396892	1188.185	
0.25000	6.075179	59.044078	3.019344
4.472454	8.631819	1114.558	
0.50000	6.075179	59.044078	3.019344
4.472454	6.876754	1040.931	
0.75000	6.075179	59.044078	3.019344
4.472454	5.384424	967.303741	
1.00000	6.075179	59.044078	3.019344
4.472454	3.892094	893.676719	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.159924	-59.044078	-1.196752
-5.518920	-9.861415	-1188.185	
0.25000	-5.159924	-59.044078	-1.196752
-5.518920	-8.369084	-1114.558	
0.50000	-5.159924	-59.044078	-1.196752
-5.518920	-6.876754	-1040.931	
0.75000	-5.159924	-59.044078	-1.196752
-5.518920	-5.384424	-967.303741	
1.00000	-5.159924	-59.044078	-1.196752
-5.518920	-3.892094	-893.676719	

ELEM 14 ========== LENGTH = 4.988128

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.144654	-12.020487	0.172469
1.366486	3.376541	-399.801670	
0.25000	6.144654	-12.020487	0.172469
1.366486	3.161467	-384.811739	
0.50000	6.144654	-12.020487	0.172469
1.366486	2.946393	-369.821807	
0.75000	6.144654	-12.020487	0.172469
1.366486	2.731319	-354.831876	
1.00000	6.144654	-12.020487	0.172469
1.366486	2.516245	-339.841945	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
93

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.869190	37.240270	-0.507022
-3.562263	-3.904723	829.941786	
0.25000	-4.869190	37.240270	-0.507022
-3.562263	-3.272450	783.501979	
0.50000	-4.869190	37.240270	-0.507022
-3.562263	-2.640177	737.062173	
0.75000	-4.869190	37.240270	-0.507022
-3.562263	-2.007904	690.622367	
1.00000	-4.869190	37.240270	-0.507022
-3.562263	-1.375631	644.182561	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.100706	-42.550119	0.312813
-2.186787	-1.525492	-477.330561	
0.25000	-3.100706	-42.550119	0.312813
-2.186787	-1.015580	-424.269205	
0.50000	-3.100706	-42.550119	0.312813
-2.186787	-2.305668	-371.207848	
0.75000	-3.100706	-42.550119	0.312813
-2.186787	-2.695756	-318.146492	
1.00000	-3.100706	-42.550119	0.312813
-2.186787	-3.085845	-265.085136	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.714242	22.379114	0.000926
3.969936	-0.510639	60.810920	
0.25000	0.714242	22.379114	0.000926
3.969936	-0.511793	32.903450	
0.50000	0.714242	22.379114	0.000926
3.969936	-0.512948	4.995980	
0.75000	0.714242	22.379114	0.000926
3.969936	-0.514103	-22.911490	
1.00000	0.714242	22.379114	0.000926
3.969936	-0.515257	-50.818960	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.353782	-6.155071	0.023136
0.504065	3.121051	-16.603999	
0.25000	1.353782	-6.155071	0.023136
0.504065	3.092200	-8.928429	
0.50000	1.353782	-6.155071	0.023136
0.504065	3.063349	-1.252859	
0.75000	1.353782	-6.155071	0.023136
0.504065	3.034497	6.422711	
1.00000	1.353782	-6.155071	0.023136
0.504065	3.005646	14.098280	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.242782	1.106292	-0.002321
-0.091437		-0.556738	2.983524	
0.25000		-0.242782	1.106292	-0.002321
-0.091437		-0.553843	1.603943	
0.50000		-0.242782	1.106292	-0.002321
-0.091437		-0.550948	0.224362	
0.75000		-0.242782	1.106292	-0.002321
-0.091437		-0.548054	-1.155220	
1.00000		-0.242782	1.106292	-0.002321
-0.091437		-0.545159	-2.534801	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.397730	-60.725677	0.508418
-0.316237		4.972100	-893.736230	
0.25000		4.397730	-60.725677	0.508418
-0.316237		4.338087	-818.009373	
0.50000		4.397730	-60.725677	0.508418
-0.316237		3.704073	-742.282515	
0.75000		4.397730	-60.725677	0.508418
-0.316237		3.070060	-666.555657	
1.00000		4.397730	-60.725677	0.508418
-0.316237		2.436047	-590.828800	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
94

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.397730	60.725677	-0.508418
0.316237		-4.972100	893.736230	
0.25000		-4.397730	60.725677	-0.508418
0.316237		-4.338087	818.009373	
0.50000		-4.397730	60.725677	-0.508418
0.316237		-3.704073	742.282515	
0.75000		-4.397730	60.725677	-0.508418
0.316237		-3.070060	666.555657	
1.00000		-4.397730	60.725677	-0.508418
0.316237		-2.436047	590.828800	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.144654	60.725677	0.508418
3.969936		4.972100	893.736230	
0.25000		6.144654	60.725677	0.508418
3.969936		4.338087	818.009373	
0.50000		6.144654	60.725677	0.508418
3.969936		3.704073	742.282515	
0.75000		6.144654	60.725677	0.508418
3.969936		3.070060	690.622367	
1.00000		6.144654	60.725677	0.508418
3.969936		3.005646	644.182561	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.869190	-60.725677	-0.508418
-3.562263		-4.972100	-893.736230	
0.25000		-4.869190	-60.725677	-0.508418
-3.562263		-4.338087	-818.009373	
0.50000		-4.869190	-60.725677	-0.508418
-3.562263		-3.704073	-742.282515	
0.75000		-4.869190	-60.725677	-0.508418
-3.562263		-3.070060	-666.555657	
1.00000		-4.869190	-60.725677	-0.508418
-3.562263		-3.085845	-590.828800	

ELEM 15 ========== LENGTH = 4.987643

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.165289	-12.479426	0.306665
1.221725		2.469094	-339.844843	
0.25000		6.165289	-12.479426	0.306665
1.221725		2.086710	-324.284112	
0.50000		6.165289	-12.479426	0.306665
1.221725		1.704327	-308.723382	
0.75000		6.165289	-12.479426	0.306665
1.221725		1.321943	-293.162651	
1.00000		6.165289	-12.479426	0.306665
1.221725		0.939560	-277.601920	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.476240	38.189469	-0.354447
-4.434008		-2.328991	644.257421	
0.25000		-4.476240	38.189469	-0.354447
-4.434008		-1.887027	596.638560	
0.50000		-4.476240	38.189469	-0.354447
-4.434008		-1.445064	549.019699	
0.75000		-4.476240	38.189469	-0.354447
-4.434008		-1.003100	501.400838	
1.00000		-4.476240	38.189469	-0.354447
-4.434008		-0.561137	453.781977	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.619406	-43.083191	-0.276894
-0.219611		-1.833251	-265.154037	
0.25000		-3.619406	-43.083191	-0.276894
-0.219611		-1.487988	-211.433141	
0.50000		-3.619406	-43.083191	-0.276894
-0.219611		-1.142726	-157.712245	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
95

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-3.619406	-43.083191	-0.276894
-0.219611		-0.797464	-103.991349	
1.00000		-3.619406	-43.083191	-0.276894
-0.219611		-0.452201	-50.270453	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.860908	22.414073	0.105817
3.414748		-0.868989	-50.814864	
0.25000		0.860908	22.414073	0.105817
3.414748		-1.000933	-78.763213	
0.50000		0.860908	22.414073	0.105817
3.414748		-1.132878	-106.711563	
0.75000		0.860908	22.414073	0.105817
3.414748		-1.264823	-134.659912	
1.00000		0.860908	22.414073	0.105817
3.414748		-1.396768	-162.608261	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.303207	-6.145515	0.264612
0.022033		3.129360	14.089565	
0.25000		1.303207	-6.145515	0.264612
0.022033		2.799412	21.752474	
0.50000		1.303207	-6.145515	0.264612
0.022033		2.469465	29.415383	
0.75000		1.303207	-6.145515	0.264612
0.022033		2.139517	37.078292	
1.00000		1.303207	-6.145515	0.264612
0.022033		1.809569	44.741202	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.233758	1.104591	-0.045753
-0.004887		-0.567224	-2.533240	
0.25000		-0.233758	1.104591	-0.045753
-0.004887		-0.510174	-3.910566	
0.50000		-0.233758	1.104591	-0.045753
-0.004887		-0.453123	-5.287892	
0.75000		-0.233758	1.104591	-0.045753
-0.004887		-0.396073	-6.665218	
1.00000		-0.233758	1.104591	-0.045753
-0.004887		-0.339023	-8.042544	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.849091	-61.708133	0.294383
1.024147		3.765203	-590.909316	
0.25000		3.849091	-61.708133	0.294383
1.024147		3.398134	-513.964780	
0.50000		3.849091	-61.708133	0.294383
1.024147		3.031065	-437.020244	
0.75000		3.849091	-61.708133	0.294383
1.024147		2.663996	-360.075707	
1.00000		3.849091	-61.708133	0.294383
1.024147		2.296927	-283.131171	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.849091	61.708133	-0.294383
-1.024147		-3.765203	590.909316	
0.25000		-3.849091	61.708133	-0.294383
-1.024147		-3.398134	513.964780	
0.50000		-3.849091	61.708133	-0.294383
-1.024147		-3.031065	437.020244	
0.75000		-3.849091	61.708133	-0.294383
-1.024147		-2.663996	360.075707	
1.00000		-3.849091	61.708133	-0.294383
-1.024147		-2.296927	283.131171	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.165289	61.708133	0.306665
3.414748		3.765203	644.257421	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
96

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		6.165289	61.708133	0.306665
3.414748		3.398134	596.638560	
0.50000		6.165289	61.708133	0.306665
3.414748		3.031065	549.019699	
0.75000		6.165289	61.708133	0.306665
3.414748		2.663996	501.400838	
1.00000		6.165289	61.708133	0.306665
3.414748		2.296927	453.781977	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.476240	-61.708133	-0.354447
-4.434008		-3.765203	-590.909316	
0.25000		-4.476240	-61.708133	-0.354447
-4.434008		-3.398134	-513.964780	
0.50000		-4.476240	-61.708133	-0.354447
-4.434008		-3.031065	-437.020244	
0.75000		-4.476240	-61.708133	-0.354447
-4.434008		-2.663996	-360.075707	
1.00000		-4.476240	-61.708133	-0.354447
-4.434008		-2.296927	-283.131171	

ELEM 16 ========== LENGTH = 4.987093

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.142108	-12.707362	0.202841
0.583155		0.998576	-277.609884	
0.25000		6.142108	-12.707362	0.202841
0.583155		0.745679	-261.766686	
0.50000		6.142108	-12.707362	0.202841
0.583155		0.492782	-245.923487	
0.75000		6.142108	-12.707362	0.202841
0.583155		0.239886	-230.080288	
1.00000		6.142108	-12.707362	0.202841
0.583155		-0.013011	-214.237090	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.005743	38.632956	-0.313962
-4.121898		-1.701610	453.871852	
0.25000		-4.005743	38.632956	-0.313962
-4.121898		-1.310170	405.705315	
0.50000		-4.005743	38.632956	-0.313962
-4.121898		-0.918731	357.538778	
0.75000		-4.005743	38.632956	-0.313962
-4.121898		-0.527292	309.372242	
1.00000		-4.005743	38.632956	-0.313962
-4.121898		-0.135852	261.205705	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.159374	-43.291450	-0.093228
1.051633		0.850271	-50.350068	
0.25000		-4.159374	-43.291450	-0.093228
1.051633		0.966505	3.624555	
0.50000		-4.159374	-43.291450	-0.093228
1.051633		1.082739	57.599177	
0.75000		-4.159374	-43.291450	-0.093228
1.051633		1.198973	111.573800	
1.00000		-4.159374	-43.291450	-0.093228
1.051633		1.315207	165.548422	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.993709	22.404643	0.057291
2.540322		-1.716884	-162.604631	
0.25000		0.993709	22.404643	0.057291
2.540322		-1.788313	-190.538140	
0.50000		0.993709	22.404643	0.057291
2.540322		-1.859743	-218.471649	
0.75000		0.993709	22.404643	0.057291
2.540322		-1.931172	-246.405158	
1.00000		0.993709	22.404643	0.057291
2.540322		-2.002601	-274.338668	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
97

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.254335	-6.142907	0.177135
-0.063760		1.930191	44.733982	
0.25000		1.254335	-6.142907	0.177135
-0.063760		1.709344	52.392794	
0.50000		1.254335	-6.142907	0.177135
-0.063760		1.488498	60.051606	
0.75000		1.254335	-6.142907	0.177135
-0.063760		1.267651	67.710418	
1.00000		1.254335	-6.142907	0.177135
-0.063760		1.046805	75.369230	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.225035	1.104120	-0.030077
0.010547		-0.360455	-8.104251	
0.25000		-0.225035	1.104120	-0.030077
0.010547		-0.323045	-9.417838	
0.50000		-0.225035	1.104120	-0.030077
0.010547		-0.285546	-10.794425	
0.75000		-0.225035	1.104120	-0.030077
0.010547		-0.248047	-12.171012	
1.00000		-0.225035	1.104120	-0.030077
0.010547		-0.210547	-13.547599	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.237069	-62.141719	0.286748
1.571028		3.779038	-283.225970	
0.25000		3.237069	-62.141719	0.286748
1.571028		3.421529	-205.749337	
0.50000		3.237069	-62.141719	0.286748
1.571028		3.064020	-128.272704	
0.75000		3.237069	-62.141719	0.286748
1.571028		2.706510	-50.796071	
1.00000		3.237069	-62.141719	0.286748
1.571028		2.349001	26.680562	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.237069	62.141719	-0.286748
-1.571028		-3.779038	283.225970	
0.25000		-3.237069	62.141719	-0.286748
-1.571028		-3.421529	205.749337	
0.50000		-3.237069	62.141719	-0.286748
-1.571028		-3.064020	128.272704	
0.75000		-3.237069	62.141719	-0.286748
-1.571028		-2.706510	50.796071	
1.00000		-3.237069	62.141719	-0.286748
-1.571028		-2.349001	-26.680562	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.142108	62.141719	0.286748
2.540322		3.779038	453.871852	
0.25000		6.142108	62.141719	0.286748
2.540322		3.421529	405.705315	
0.50000		6.142108	62.141719	0.286748
2.540322		3.064020	357.538778	
0.75000		6.142108	62.141719	0.286748
2.540322		2.706510	309.372242	
1.00000		6.142108	62.141719	0.286748
2.540322		2.349001	261.205705	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.159374	-62.141719	-0.313962
-4.121898		-3.779038	-283.225970	
0.25000		-4.159374	-62.141719	-0.313962
-4.121898		-3.421529	-261.766686	
0.50000		-4.159374	-62.141719	-0.313962
-4.121898		-3.064020	-245.923487	
0.75000		-4.159374	-62.141719	-0.313962
-4.121898		-2.706510	-246.405158	
1.00000		-4.159374	-62.141719	-0.313962
-4.121898		-2.349001	-274.338668	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
98

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 17 ========== LENGTH = 4.987729

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.083159	-12.831417	0.094047
-0.034004		0.131027	-214.247119	
0.25000		6.083159	-12.831417	0.094047
-0.034004		0.013757	-198.247212	
0.50000		6.083159	-12.831417	0.094047
-0.034004		-0.103513	-182.247304	
0.75000		6.083159	-12.831417	0.094047
-0.034004		-0.220783	-166.247396	
1.00000		6.083159	-12.831417	0.094047
-0.034004		-0.338053	-150.247488	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.481130	38.831865	-0.320990
-3.802008		-1.406918	261.381750	
0.25000		-3.481130	38.831865	-0.320990
-3.802008		-1.006665	212.881044	
0.50000		-3.481130	38.831865	-0.320990
-3.802008		-0.606413	164.460338	
0.75000		-3.481130	38.831865	-0.320990
-3.802008		-0.206160	116.039632	
1.00000		-3.481130	38.831865	-0.320990
-3.802008		0.194092	67.618926	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.693069	-43.308610	0.197518
2.347391		2.605878	165.462605	
0.25000		-4.693069	-43.308610	0.197518
2.347391		2.359587	219.465509	
0.50000		-4.693069	-43.308610	0.197518
2.347391		2.113296	273.468412	
0.75000		-4.693069	-43.308610	0.197518
2.347391		1.867005	327.471316	
1.00000		-4.693069	-43.308610	0.197518
2.347391		1.620713	381.474219	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.095799	22.340644	-0.026678
1.419944		-2.249452	-274.333859	
0.25000		1.095799	22.340644	-0.026678
1.419944		-2.216187	-302.191129	
0.50000		1.095799	22.340644	-0.026678
1.419944		-2.182921	-330.048400	
0.75000		1.095799	22.340644	-0.026678
1.419944		-2.149656	-357.905670	
1.00000		1.095799	22.340644	-0.026678
1.419944		-2.116391	-385.762940	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.212870	-6.135172	0.066327
0.084617		1.148096	75.363129	
0.25000		1.212870	-6.135172	0.066327
0.084617		1.065290	83.013273	
0.50000		1.212870	-6.135172	0.066327
0.084617		0.982684	90.663418	
0.75000		1.212870	-6.135172	0.066327
0.084617		0.899978	98.313563	
1.00000		1.212870	-6.135172	0.066327
0.084617		0.817273	105.963707	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.217630	1.102690	-0.010225
-0.015940		-0.228631	-13.546506	
0.25000		-0.217630	1.102690	-0.010225
-0.015940		-0.215882	-14.921485	
0.50000		-0.217630	1.102690	-0.010225
-0.015940		-0.203133	-16.296465	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
99

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.217630	1.102690	-0.010225
-0.015940		-0.190383	-17.671444	
1.00000		-0.217630	1.102690	-0.010225
-0.015940		-0.177634	-19.046424	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.602960	-62.275199	0.357892
2.398004		3.885001	26.578615	
0.25000		2.602960	-62.275199	0.357892
2.398004		3.438734	104.231570	
0.50000		2.602960	-62.275199	0.357892
2.398004		2.992467	181.884526	
0.75000		2.602960	-62.275199	0.357892
2.398004		2.546200	259.537482	
1.00000		2.602960	-62.275199	0.357892
2.398004		2.099933	337.190438	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.602960	62.275199	-0.357892
-2.398004		-3.885001	-26.578615	
0.25000		-2.602960	62.275199	-0.357892
-2.398004		-3.438734	-104.231570	
0.50000		-2.602960	62.275199	-0.357892
-2.398004		-2.992467	-181.884526	
0.75000		-2.602960	62.275199	-0.357892
-2.398004		-2.546200	-259.537482	
1.00000		-2.602960	62.275199	-0.357892
-2.398004		-2.099933	-337.190438	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.083159	62.275199	0.357892
2.398004		3.885001	261.301710	
0.25000		6.083159	62.275199	0.357892
2.398004		3.438734	219.465509	
0.50000		6.083159	62.275199	0.357892
2.398004		2.992467	273.468412	
0.75000		6.083159	62.275199	0.357892
2.398004		2.546200	327.471316	
1.00000		6.083159	62.275199	0.357892
2.398004		2.099933	381.474219	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.693069	-62.275199	-0.357892
-3.802008		-3.885001	-274.333859	
0.25000		-4.693069	-62.275199	-0.357892
-3.802008		-3.438734	-302.191129	
0.50000		-4.693069	-62.275199	-0.357892
-3.802008		-2.992467	-330.048400	
0.75000		-4.693069	-62.275199	-0.357892
-3.802008		-2.546200	-357.905670	
1.00000		-4.693069	-62.275199	-0.357892
-3.802008		-2.116391	-385.762940	

ELEM 18 ========== LENGTH = 4.987492

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.999097	-12.885094	0.037080
-0.576043		-0.134311	-150.258166	
0.25000		5.999097	-12.885094	0.037080
-0.576043		-0.180544	-134.192089	
0.50000		5.999097	-12.885094	0.037080
-0.576043		-0.226778	-118.126013	
0.75000		5.999097	-12.885094	0.037080
-0.576043		-0.273011	-102.059936	
1.00000		5.999097	-12.885094	0.037080
-0.576043		-0.319245	-85.993859	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
100

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.931204	38.818180	-0.368923
-3.563313		-1.138060	67.717147	
0.25000		-2.931204	38.818180	-0.368923
-3.563313		-0.678060	19.315802	
0.50000		-2.931204	38.818180	-0.368923
-3.563313		-0.218059	-29.085542	
0.75000		-2.931204	38.818180	-0.368923
-3.563313		0.241941	-77.486887	
1.00000		-2.931204	38.818180	-0.368923
-3.563313		0.701942	-125.888231	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.190408	-43.105315	0.441902
3.686769		2.826314	381.386943	
0.25000		-5.190408	-43.105315	0.441902
3.686769		2.275317	435.113381	
0.50000		-5.190408	-43.105315	0.441902
3.686769		1.724321	488.880658	
0.75000		-5.190408	-43.105315	0.441902
3.686769		1.173325	542.627515	
1.00000		-5.190408	-43.105315	0.441902
3.686769		0.622329	596.374373	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.150492	22.191844	-0.121184
0.111326		-2.249848	-385.758818	
0.25000		1.150492	22.191844	-0.121184
0.111326		-2.098747	-413.429232	
0.50000		1.150492	22.191844	-0.121184
0.111326		-1.947646	-441.099645	
0.75000		1.150492	22.191844	-0.121184
0.111326		-1.796545	-468.770059	
1.00000		1.150492	22.191844	-0.121184
0.111326		-1.645444	-496.440472	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.184599	-6.119355	0.011575
0.416384		0.885789	105.958358	
0.25000		1.184599	-6.119355	0.011575
0.416384		0.871357	113.588417	
0.50000		1.184599	-6.119355	0.011575
0.416384		0.856925	121.218476	
0.75000		1.184599	-6.119355	0.011575
0.416384		0.842493	128.848535	
1.00000		1.184599	-6.119355	0.011575
0.416384		0.828061	136.478595	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.212576	1.099739	-0.000449
-0.075122		-0.189884	-19.045464	
0.25000		-0.212576	1.099739	-0.000449
-0.075122		-0.189323	-20.416699	
0.50000		-0.212576	1.099739	-0.000449
-0.075122		-0.188763	-21.787934	
0.75000		-0.212576	1.099739	-0.000449
-0.075122		-0.188203	-23.159169	
1.00000		-0.212576	1.099739	-0.000449
-0.075122		-0.187642	-24.530405	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.993288	-62.109764	0.490557
3.527109		3.577791	337.087135	
0.25000		1.993288	-62.109764	0.490557
3.527109		2.966130	414.530128	
0.50000		1.993288	-62.109764	0.490557
3.527109		2.354468	491.973122	
0.75000		1.993288	-62.109764	0.490557
3.527109		1.742806	569.416115	
1.00000		1.993288	-62.109764	0.490557
3.527109		1.131145	646.859108	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
101

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.993288	62.109764	-0.490557
-3.527109		-3.577791	-337.087135	
0.25000		-1.993288	62.109764	-0.490557
-3.527109		-2.966130	-414.530128	
0.50000		-1.993288	62.109764	-0.490557
-3.527109		-2.354468	-491.973122	
0.75000		-1.993288	62.109764	-0.490557
-3.527109		-1.742806	-569.416115	
1.00000		-1.993288	62.109764	-0.490557
-3.527109		-1.131145	-646.859108	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.999097	62.109764	0.490557
3.686769		3.577791	381.386943	
0.25000		5.999097	62.109764	0.490557
3.686769		2.966130	435.133801	
0.50000		5.999097	62.109764	0.490557
3.686769		2.354468	491.973122	
0.75000		5.999097	62.109764	0.490557
3.686769		1.742806	569.416115	
1.00000		5.999097	62.109764	0.490557
3.686769		1.131145	646.859108	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.190408	-62.109764	-0.490557
-3.563313		-3.577791	-385.758818	
0.25000		-5.190408	-62.109764	-0.490557
-3.563313		-2.966130	-414.530128	
0.50000		-5.190408	-62.109764	-0.490557
-3.563313		-2.354468	-491.973122	
0.75000		-5.190408	-62.109764	-0.490557
-3.563313		-1.796545	-569.416115	
1.00000		-5.190408	-62.109764	-0.490557
-3.563313		-1.645444	-646.859108	

ELEM 19 ========== LENGTH = 4.987423

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.900458	-12.892412	0.019437
-0.951668		-0.080558	-86.004468	
0.25000		5.900458	-12.892412	0.019437
-0.951668		-0.104793	-69.929490	
0.50000		5.900458	-12.892412	0.019437
-0.951668		-0.129028	-53.854511	
0.75000		5.900458	-12.892412	0.019437
-0.951668		-0.153263	-37.779533	
1.00000		5.900458	-12.892412	0.019437
-0.951668		-0.177497	-21.704555	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.387526	38.623007	-0.423400
-3.486529		-0.615751	-125.792317	
0.25000		-2.387526	38.623007	-0.423400
-3.486529		-0.087833	-173.949636	
0.50000		-2.387526	38.623007	-0.423400
-3.486529		0.440086	-222.106956	
0.75000		-2.387526	38.623007	-0.423400
-3.486529		0.968004	-270.264276	
1.00000		-2.387526	38.623007	-0.423400
-3.486529		1.495922	-318.421595	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.617292	-42.662109	0.609867
4.892947		1.659804	596.291459	
0.25000		-5.617292	-42.662109	0.609867
4.892947		0.899388	649.484955	
0.50000		-5.617292	-42.662109	0.609867
4.892947		0.138972	702.678452	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
102

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-5.617292	-42.662109	0.609867
4.892947		-1.622444	755.871949	
1.00000		-5.617292	-42.662109	0.609867
4.892947		-1.381860	809.065446	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.140516	21.935280	-0.208183
-1.181835		-1.623603	-496.439099	
0.25000		1.140516	21.935280	-0.208183
-1.181835		-1.364029	-523.789230	
0.50000		1.140516	21.935280	-0.208183
-1.181835		-1.104455	-551.139361	
0.75000		1.140516	21.935280	-0.208183
-1.181835		-0.844880	-578.489492	
1.00000		1.140516	21.935280	-0.208183
-1.181835		-0.585306	-605.839623	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.174628	-6.099776	0.000757
0.885741		0.852075	136.474005	
0.25000		1.174628	-6.099776	0.000757
0.885741		0.851131	144.079545	
0.50000		1.174628	-6.099776	0.000757
0.885741		0.850188	151.685086	
0.75000		1.174628	-6.099776	0.000757
0.885741		0.849245	159.290627	
1.00000		1.174628	-6.099776	0.000757
0.885741		0.848302	166.896167	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.210784	1.096009	0.001523
-0.158656		-0.191966	-24.529580	
0.25000		-0.210784	1.096009	0.001523
-0.158656		-0.193865	-25.696145	
0.50000		-0.210784	1.096009	0.001523
-0.158656		-0.195763	-27.262710	
0.75000		-0.210784	1.096009	0.001523
-0.158656		-0.197662	-28.629275	
1.00000		-0.210784	1.096009	0.001523
-0.158656		-0.199560	-29.995840	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.457794	-61.654297	0.630060
4.827019		2.431321	646.760995	
0.25000		1.457794	-61.654297	0.630060
4.827019		1.645726	723.635011	
0.50000		1.457794	-61.654297	0.630060
4.827019		0.860132	800.509027	
0.75000		1.457794	-61.654297	0.630060
4.827019		0.074538	877.383043	
1.00000		1.457794	-61.654297	0.630060
4.827019		-0.711056	954.257059	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.457794	61.654297	-0.630060
-4.827019		-2.431321	-646.760995	
0.25000		-1.457794	61.654297	-0.630060
-4.827019		-1.645726	-723.635011	
0.50000		-1.457794	61.654297	-0.630060
-4.827019		-0.860132	-800.509027	
0.75000		-1.457794	61.654297	-0.630060
-4.827019		-0.074538	-877.383043	
1.00000		-1.457794	61.654297	-0.630060
-4.827019		0.711056	-954.257059	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.900458	61.654297	0.630060
4.892947		2.431321	646.760995	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
103

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.900458	61.654297	0.630060
4.892947		1.645726	723.635011	
0.50000		5.900458	61.654297	0.630060
4.892947		0.860132	800.509027	
0.75000		5.900458	61.654297	0.630060
4.892947		0.968004	877.383043	
1.00000		5.900458	61.654297	0.630060
4.892947		1.495922	954.257059	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.617292	-61.654297	-0.630060
-4.827019		-2.431321	-646.760995	
0.25000		-5.617292	-61.654297	-0.630060
-4.827019		-1.645726	-723.635011	
0.50000		-5.617292	-61.654297	-0.630060
-4.827019		-1.104455	-800.509027	
0.75000		-5.617292	-61.654297	-0.630060
-4.827019		-0.844880	-877.383043	
1.00000		-5.617292	-61.654297	-0.630060
-4.827019		-1.381860	-954.257059	

ELEM 20 ========== LENGTH = 4.988395

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.797116	-12.866075	0.007335
-1.155454		0.072483	-21.713997	
0.25000		5.797116	-12.866075	0.007335
-1.155454		0.063335	-5.668732	
0.50000		5.797116	-12.866075	0.007335
-1.155454		0.054187	10.376533	
0.75000		5.797116	-12.866075	0.007335
-1.155454		0.045040	26.421798	
1.00000		5.797116	-12.866075	0.007335
-1.155454		0.035892	42.467063	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.877641	38.124877	-0.408674
-3.409938		0.259076	-318.329915	
0.25000		-1.877641	38.124877	-0.408674
-3.409938		0.768733	-365.875399	
0.50000		-1.877641	38.124877	-0.408674
-3.409938		1.278390	-413.420882	
0.75000		-1.877641	38.124877	-0.408674
-3.409938		1.788048	-460.966366	
1.00000		-1.877641	38.124877	-0.408674
-3.409938		2.297705	-508.511849	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.946130	-41.670005	0.612318
5.614002		-0.579432	808.990704	
0.25000		-5.946130	-41.670005	0.612318
5.614002		-1.343053	860.957311	
0.50000		-5.946130	-41.670005	0.612318
5.614002		-2.106673	912.923918	
0.75000		-5.946130	-41.670005	0.612318
5.614002		-2.870294	964.890525	
1.00000		-5.946130	-41.670005	0.612318
5.614002		-3.633915	1016.857	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.053392	21.359561	-0.212170
-2.249650		-0.378093	-605.843497	
0.25000		1.053392	21.359561	-0.212170
-2.249650		-0.113496	-632.480977	
0.50000		1.053392	21.359561	-0.212170
-2.249650		0.151101	-659.118457	
0.75000		1.053392	21.359561	-0.212170
-2.249650		0.415698	-685.755938	
1.00000		1.053392	21.359561	-0.212170
-2.249650		0.680295	-712.393418	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
104

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.186073	-6.031836	-0.000963
1.462062		0.820647	166.891753	
0.25000		1.186073	-6.031836	-0.000963
1.462062		0.821848	174.414047	
0.50000		1.186073	-6.031836	-0.000963
1.462062		0.823049	181.936342	
0.75000		1.186073	-6.031836	-0.000963
1.462062		0.824251	189.458636	
1.00000		1.186073	-6.031836	-0.000963
1.462062		0.825452	196.980930	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.212810	1.083477	0.002155
-0.261022		-0.194080	-29.998048	
0.25000		-0.212810	1.083477	0.002155
-0.261022		-0.197367	-31.346250	
0.50000		-0.212810	1.083477	0.002155
-0.261022		-0.200655	-32.697453	
0.75000		-0.212810	1.083477	0.002155
-0.261022		-0.202742	-34.048656	
1.00000		-0.212810	1.083477	0.002155
-0.261022		-0.205429	-35.399858	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.037059	-60.567916	0.618690
5.920610		0.313698	954.168460	
0.25000		1.037059	-60.567916	0.618690
5.920610		-0.457869	1029.703	
0.50000		1.037059	-60.567916	0.618690
5.920610		-1.229436	1105.237	
0.75000		1.037059	-60.567916	0.618690
5.920610		2.001004	1180.771	
1.00000		1.037059	-60.567916	0.618690
5.920610		-2.772571	1256.305	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.037059	60.567916	-0.618690
-5.920610		-0.313698	-954.168460	
0.25000		-1.037059	60.567916	-0.618690
-5.920610		0.457869	-1029.703	
0.50000		-1.037059	60.567916	-0.618690
-5.920610		1.229436	-1105.237	
0.75000		-1.037059	60.567916	-0.618690
-5.920610		2.001004	-1180.771	
1.00000		-1.037059	60.567916	-0.618690
-5.920610		2.772571	-1256.305	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.797116	60.567916	0.618690
5.920610		0.820647	954.168460	
0.25000		5.797116	60.567916	0.618690
5.920610		0.821848	1029.703	
0.50000		5.797116	60.567916	0.618690
5.920610		1.278390	1105.237	
0.75000		5.797116	60.567916	0.618690
5.920610		2.001004	1180.771	
1.00000		5.797116	60.567916	0.618690
5.920610		2.772571	1256.305	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.946130	-60.567916	-0.618690
-5.920610		-0.579432	-954.168460	
0.25000		-5.946130	-60.567916	-0.618690
-5.920610		-1.343053	-1029.703	
0.50000		-5.946130	-60.567916	-0.618690
-5.920610		-2.106673	-1105.237	
0.75000		-5.946130	-60.567916	-0.618690
-5.920610		-2.870294	-1180.771	
1.00000		-5.946130	-60.567916	-0.618690
-5.920610		-3.633915	-1256.305	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
105

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 21 ========== LENGTH = 4.987567

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.697770	-12.789641	-0.033746
-1.199593		0.276120	42.458301	
0.25000		5.697770	-12.789641	-0.033746
-1.199593		0.318198	58.405598	
0.50000		5.697770	-12.789641	-0.033746
-1.199593		0.360275	74.352896	
0.75000		5.697770	-12.789641	-0.033746
-1.199593		0.402352	90.300193	
1.00000		5.697770	-12.789641	-0.033746
-1.199593		0.444430	106.247490	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.425864	37.292861	-0.151507
-2.996888		1.390996	-508.240406	
0.25000		-1.425864	37.292861	-0.151507
-2.996888		1.390996	-554.930568	
0.50000		-1.425864	37.292861	-0.151507
-2.996888		1.579910	-601.430729	
0.75000		-1.425864	37.292861	-0.151507
-2.996888		1.768823	-647.930890	
1.00000		-1.425864	37.292861	-0.151507
-2.996888		1.957736	-694.431051	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.154377	-40.117319	0.168980
5.117889		-3.125148	1016.800	
0.25000		-6.154377	-40.117319	0.168980
5.117889		-3.335848	1066.822	
0.50000		-6.154377	-40.117319	0.168980
5.117889		-3.546548	1116.844	
0.75000		-6.154377	-40.117319	0.168980
5.117889		-3.757247	1166.866	
1.00000		-6.154377	-40.117319	0.168980
5.117889		-3.967947	1216.888	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.880500	20.485871	0.038686
-2.602906		1.096459	-712.406183	
0.25000		0.880500	20.485871	0.038686
-2.602906		1.048222	-737.949847	
0.50000		0.880500	20.485871	0.038686
-2.602906		0.999984	-763.493511	
0.75000		0.880500	20.485871	0.038686
-2.602906		0.951747	-789.037174	
1.00000		0.880500	20.485871	0.038686
-2.602906		0.903509	-814.580838	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.220995	-5.938113	-0.030840
2.046363		0.740893	196.977504	
0.25000		1.220995	-5.938113	-0.030840
2.046363		0.779388	204.381688	
0.50000		1.220995	-5.938113	-0.030840
2.046363		0.817882	211.785872	
0.75000		1.220995	-5.938113	-0.030840
2.046363		0.856256	219.190056	
1.00000		1.220995	-5.938113	-0.030840
2.046363		0.894711	226.594241	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.219023	1.066341	0.008427
-0.364866		-0.190407	-35.399243	
0.25000		-0.219023	1.066341	0.008427
-0.364866		-0.200915	-36.728855	
0.50000		-0.219023	1.066341	0.008427
-0.364866		-0.211423	-38.058467	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
106

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.219023	1.066341	0.008427
-0.364866		-0.221931	-39.388078	
1.00000		-0.219023	1.066341	0.008427
-0.364866		-0.232439	-40.717690	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.764387	-58.845073	0.104394
5.964659		-2.108135	1256.236	
0.25000		0.764387	-58.845073	0.104394
5.964659		-2.238303	1329.609	
0.50000		0.764387	-58.845073	0.104394
5.964659		-2.368471	1402.983	
0.75000		0.764387	-58.845073	0.104394
5.964659		-2.498639	1476.356	
1.00000		0.764387	-58.845073	0.104394
5.964659		-2.628807	1549.730	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.764387	58.845073	-0.104394
-5.964659		2.108135	-1256.236	
0.25000		-0.764387	58.845073	-0.104394
-5.964659		2.238303	-1329.609	
0.50000		-0.764387	58.845073	-0.104394
-5.964659		2.368471	-1402.983	
0.75000		-0.764387	58.845073	-0.104394
-5.964659		2.498639	-1476.356	
1.00000		-0.764387	58.845073	-0.104394
-5.964659		2.628807	-1549.730	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.697770	58.845073	0.168980
5.964659		2.108135	1256.236	
0.25000		5.697770	58.845073	0.168980
5.964659		2.238303	1329.609	
0.50000		5.697770	58.845073	0.168980
5.964659		2.368471	1402.983	
0.75000		5.697770	58.845073	0.168980
5.964659		2.498639	1476.356	
1.00000		5.697770	58.845073	0.168980
5.964659		2.628807	1549.730	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.154377	-58.845073	-0.151507
-5.964659		-3.125148	-1256.236	
0.25000		-6.154377	-58.845073	-0.151507
-5.964659		-3.335848	-1329.609	
0.50000		-6.154377	-58.845073	-0.151507
-5.964659		-3.546548	-1402.983	
0.75000		-6.154377	-58.845073	-0.151507
-5.964659		-3.757247	-1476.356	
1.00000		-6.154377	-58.845073	-0.151507
-5.964659		-3.967947	-1549.730	

ELEM 22 ========== LENGTH = 3.491348

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.602313	-12.669585	-0.141736
-1.113368		0.670963	106.238654	
0.25000		5.602313	-12.669585	-0.141736
-1.113368		0.794675	117.297136	
0.50000		5.602313	-12.669585	-0.141736
-1.113368		0.918387	128.355617	
0.75000		5.602313	-12.669585	-0.141736
-1.113368		1.042099	139.414099	
1.00000		5.602313	-12.669585	-0.141736
-1.113368		1.165811	150.472580	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
107

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.020623	36.155343	0.547532
-2.246292		0.994280	-694.359648	
0.25000		-1.020623	36.155343	0.547532
-2.246292		0.516375	-725.917366	
0.50000		-1.020623	36.155343	0.547532
-2.246292		0.038469	-757.475085	
0.75000		-1.020623	36.155343	0.547532
-2.246292		-0.439437	-789.032803	
1.00000		-1.020623	36.155343	0.547532
-2.246292		-0.917343	-820.590521	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.234186	-38.029346	-1.003775
3.447324		-3.780414	1216.854	
0.25000		-6.234186	-38.029346	-1.003775
3.447324		-2.904282	1250.047	
0.50000		-6.234186	-38.029346	-1.003775
3.447324		-2.028150	1283.240	
0.75000		-6.234186	-38.029346	-1.003775
3.447324		-1.152019	1316.434	
1.00000		-6.234186	-38.029346	-1.003775
3.447324		-0.275887	1349.627	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.597915	19.315028	0.685333
-2.226615		1.578707	-814.608319	
0.25000		0.597915	19.315028	0.685333
-2.226615		0.980523	-831.467189	
0.50000		0.597915	19.315028	0.685333
-2.226615		0.382339	-848.326058	
0.75000		0.597915	19.315028	0.685333
-2.226615		-0.215844	-865.184928	
1.00000		0.597915	19.315028	0.685333
-2.226615		-0.814028	-882.043797	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.284986	-5.816190	-0.112017
2.604821		0.741715	226.593133	
0.25000		1.284986	-5.816190	-0.112017
2.604821		0.839487	231.669718	
0.50000		1.284986	-5.816190	-0.112017
2.604821		0.937260	236.746303	
0.75000		1.284986	-5.816190	-0.112017
2.604821		1.035033	241.822888	
1.00000		1.284986	-5.816190	-0.112017
2.604821		1.132806	246.899474	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.230404	1.044750	0.024663
-0.465870		-0.205252	-40.717484	
0.25000		-0.230404	1.044750	0.024663
-0.465870		-0.226779	-41.629380	
0.50000		-0.230404	1.044750	0.024663
-0.465870		-0.248305	-42.541277	
0.75000		-0.230404	1.044750	0.024663
-0.465870		-0.269832	-43.453173	
1.00000		-0.230404	1.044750	0.024663
-0.465870		-0.291359	-44.365069	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.653112	-56.515120	-1.257527
4.938777		-2.367736	1549.685	
0.25000		0.653112	-56.515120	-1.257527
4.938777		-1.270119	1599.014	
0.50000		0.653112	-56.515120	-1.257527
4.938777		-0.172503	1648.342	
0.75000		0.653112	-56.515120	-1.257527
4.938777		0.925114	1697.671	
1.00000		0.653112	-56.515120	-1.257527
4.938777		2.022730	1746.999	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
108

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.653112	56.515120	1.257527
-4.938777		2.367736	-1549.685	
0.25000		-0.653112	56.515120	1.257527
-4.938777		1.270119	-1599.014	
0.50000		-0.653112	56.515120	1.257527
-4.938777		0.172503	-1648.342	
0.75000		-0.653112	56.515120	1.257527
-4.938777		-0.925114	-1697.671	
1.00000		-0.653112	56.515120	1.257527
-4.938777		-2.022730	-1746.999	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.602313	56.515120	1.257527
4.938777		2.367736	1549.685	
0.25000		5.602313	56.515120	1.257527
4.938777		1.270119	1599.014	
0.50000		5.602313	56.515120	1.257527
4.938777		0.937260	1648.342	
0.75000		5.602313	56.515120	1.257527
4.938777		1.044999	1697.671	
1.00000		5.602313	56.515120	1.257527
4.938777		2.022730	1746.999	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.234186	-56.515120	-1.257527
-4.938777		-3.780414	-1549.685	
0.25000		-6.234186	-56.515120	-1.257527
-4.938777		-2.904282	-1599.014	
0.50000		-6.234186	-56.515120	-1.257527
-4.938777		-2.028150	-1648.342	
0.75000		-6.234186	-56.515120	-1.257527
-4.938777		-1.152019	-1697.671	
1.00000		-6.234186	-56.515120	-1.257527
-4.938777		-2.022730	-1746.999	

ELEM 23 ========== LENGTH = 3.491011

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.501064	3.545234	0.151752
-1.403478		1.378264	150.451621	
0.25000		5.501064	3.545234	0.151752
-1.403478		1.245822	147.357508	
0.50000		5.501064	3.545234	0.151752
-1.403478		1.113380	144.263395	
0.75000		5.501064	3.545234	0.151752
-1.403478		0.980939	141.169283	
1.00000		5.501064	3.545234	0.151752
-1.403478		0.848497	138.075170	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.597966	-18.101237	-0.732485
1.408823		-1.782323	-820.471741	
0.25000		-0.597966	-18.101237	-0.732485
1.408823		-1.143045	-804.673837	
0.50000		-0.597966	-18.101237	-0.732485
1.408823		-0.503767	-788.875934	
0.75000		-0.597966	-18.101237	-0.732485
1.408823		0.135511	-773.078030	
1.00000		-0.597966	-18.101237	-0.732485
1.408823		0.774789	-757.280127	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.302618	39.077659	1.071437
-3.457919		-0.330491	1349.520	
0.25000		-6.302618	39.077659	1.071437
-3.457919		-1.265590	1315.415	
0.50000		-6.302618	39.077659	1.071437
-3.457919		-2.200690	1281.310	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
109

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-6.302618	39.077659	1.071437
-3.457919		-3.135789	1247.205	
1.00000		-6.302618	39.077659	1.071437
-3.457919		-4.070889	1213.100	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.280648	-41.640943	-0.620642
1.345847		0.062617	-882.027227	
0.25000		0.280648	-41.640943	-0.620642
1.345847		0.604284	-845.684982	
0.50000		0.280648	-41.640943	-0.620642
1.345847		1.145951	-809.342738	
0.75000		0.280648	-41.640943	-0.620642
1.345847		1.687618	-773.000493	
1.00000		0.280648	-41.640943	-0.620642
1.345847		2.229285	-736.658248	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.362676	20.869843	0.169887
2.548198		0.926684	246.889966	
0.25000		1.362676	20.869843	0.169887
2.548198		0.778415	228.675755	
0.50000		1.362676	20.869843	0.169887
2.548198		0.630145	210.461544	
0.75000		1.362676	20.869843	0.169887
2.548198		0.481876	192.247333	
1.00000		1.362676	20.869843	0.169887
2.548198		0.333606	174.033122	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.243804	-3.750555	-0.039949
-0.441471		-0.254751	-44.362875	
0.25000		-0.243804	-3.750555	-0.039949
-0.441471		-0.219885	-41.089568	
0.50000		-0.243804	-3.750555	-0.039949
-0.441471		-0.185019	-37.816261	
0.75000		-0.243804	-3.750555	-0.039949
-0.441471		-0.150153	-34.542955	
1.00000		-0.243804	-3.750555	-0.039949
-0.441471		-0.115287	-31.269648	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.561123	63.492735	1.393076
-2.313198		1.974457	1746.862	
0.25000		0.561123	63.492735	1.393076
-2.313198		0.758646	1691.448	
0.50000		0.561123	63.492735	1.393076
-2.313198		-0.457164	1636.035	
0.75000		0.561123	63.492735	1.393076
-2.313198		-1.672975	1580.621	
1.00000		0.561123	63.492735	1.393076
-2.313198		-2.888786	1525.208	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.561123	-63.492735	-1.393076
2.313198		-1.974457	-1746.862	
0.25000		-0.561123	-63.492735	-1.393076
2.313198		-0.758646	-1691.448	
0.50000		-0.561123	-63.492735	-1.393076
2.313198		0.457164	-1636.035	
0.75000		-0.561123	-63.492735	-1.393076
2.313198		1.672975	-1580.621	
1.00000		-0.561123	-63.492735	-1.393076
2.313198		2.888786	-1525.208	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.501064	63.492735	1.393076
2.548198		1.974457	1746.862	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
110

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.501064	63.492735	1.393076
2.548198		1.245822	1691.448	
0.50000		5.501064	63.492735	1.393076
2.548198		1.145951	1636.035	
0.75000		5.501064	63.492735	1.393076
2.548198		1.687618	1580.621	
1.00000		5.501064	63.492735	1.393076
2.548198		2.888786	1525.208	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.302618	-63.492735	-1.393076
-3.457919		-1.974457	-1746.862	
0.25000		-6.302618	-63.492735	-1.393076
-3.457919		-1.265590	-1691.448	
0.50000		-6.302618	-63.492735	-1.393076
-3.457919		-2.200690	-1636.035	
0.75000		-6.302618	-63.492735	-1.393076
-3.457919		-3.135789	-1580.621	
1.00000		-6.302618	-63.492735	-1.393076
-3.457919		-4.070889	-1525.208	

ELEM 24 ========== LENGTH = 4.988003

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.427982	3.644773	0.060171
-1.156677		1.023304	138.069991	
0.25000		5.427982	3.644773	0.060171
-1.156677		0.948270	133.524957	
0.50000		5.427982	3.644773	0.060171
-1.156677		0.873237	128.979923	
0.75000		5.427982	3.644773	0.060171
-1.156677		0.798204	124.434889	
1.00000		5.427982	3.644773	0.060171
-1.156677		0.723171	119.889855	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.314871	-19.269919	-0.110754
2.225813		0.097834	-757.248779	
0.25000		-0.314871	-19.269919	-0.110754
2.225813		0.235944	-733.219178	
0.50000		-0.314871	-19.269919	-0.110754
2.225813		0.374054	-709.189578	
0.75000		-0.314871	-19.269919	-0.110754
2.225813		0.512163	-685.159977	
1.00000		-0.314871	-19.269919	-0.110754
2.225813		0.650273	-661.130377	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.178605	41.173522	-0.102565
-5.526939		-4.362508	1213.139	
0.25000		-6.178605	41.173522	-0.102565
-5.526939		-4.234609	1161.795	
0.50000		-6.178605	41.173522	-0.102565
-5.526939		-4.106711	1110.452	
0.75000		-6.178605	41.173522	-0.102565
-5.526939		-3.978812	1059.108	
1.00000		-6.178605	41.173522	-0.102565
-5.526939		-3.850914	1007.765	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.134604	-42.804772	0.101571
2.216712		3.215740	-736.726331	
0.25000		-0.134604	-42.804772	0.101571
2.216712		3.089081	-683.348753	
0.50000		-0.134604	-42.804772	0.101571
2.216712		2.962421	-629.971176	
0.75000		-0.134604	-42.804772	0.101571
2.216712		2.835762	-576.593599	
1.00000		-0.134604	-42.804772	0.101571
2.216712		2.709103	-523.216021	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
111

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.461580	21.036336	0.072326
2.713142		0.099191	174.036862	
0.25000		1.461580	21.036336	0.072326
2.713142		0.009001	147.804539	
0.50000		1.461580	21.036336	0.072326
2.713142		-0.081189	121.572215	
0.75000		1.461580	21.036336	0.072326
2.713142		-0.171379	95.339891	
1.00000		1.461580	21.036336	0.072326
2.713142		-0.261569	69.107567	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.261482	-3.779940	-0.020749
-0.472050		-0.073261	-3.779940	
0.25000		-0.261482	-3.779940	-0.020749
-0.472050		-0.047687	-26.556773	
0.50000		-0.261482	-3.779940	-0.020749
-0.472050		-0.021813	-21.843186	
0.75000		-0.261482	-3.779940	-0.020749
-0.472050		0.004061	-17.129599	
1.00000		-0.261482	-3.779940	-0.020749
-0.472050		0.029935	-12.416012	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.710956	65.854630	0.029931
-3.970474		-3.240013	1525.245	
0.25000		0.710956	65.854630	0.029931
-3.970474		-3.277338	1443.125	
0.50000		0.710956	65.854630	0.029931
-3.970474		-3.314662	1361.004	
0.75000		0.710956	65.854630	0.029931
-3.970474		-3.351987	1278.883	
1.00000		0.710956	65.854630	0.029931
-3.970474		-3.389311	1196.762	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.710956	-65.854630	-0.029931
3.970474		3.240013	-1525.245	
0.25000		-0.710956	-65.854630	-0.029931
3.970474		3.277338	-1443.125	
0.50000		-0.710956	-65.854630	-0.029931
3.970474		3.314662	-1361.004	
0.75000		-0.710956	-65.854630	-0.029931
3.970474		3.351987	-1278.883	
1.00000		-0.710956	-65.854630	-0.029931
3.970474		3.389311	-1196.762	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.427982	65.854630	0.101571
3.970474		3.240013	1525.245	
0.25000		5.427982	65.854630	0.101571
3.970474		3.277338	1443.125	
0.50000		5.427982	65.854630	0.101571
3.970474		3.314662	1361.004	
0.75000		5.427982	65.854630	0.101571
3.970474		3.351987	1278.883	
1.00000		5.427982	65.854630	0.101571
3.970474		3.389311	1196.762	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.178605	-65.854630	-0.110754
-5.526939		-4.362508	-1525.245	
0.25000		-6.178605	-65.854630	-0.110754
-5.526939		-4.234609	-1443.125	
0.50000		-6.178605	-65.854630	-0.110754
-5.526939		-4.106711	-1361.004	
0.75000		-6.178605	-65.854630	-0.110754
-5.526939		-3.978812	-1278.883	
1.00000		-6.178605	-65.854630	-0.110754
-5.526939		-3.850914	-1196.762	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
112

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 25 ========== LENGTH = 4.987564

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.375979	3.720831	0.018272
-0.812537		0.849196	119.687231	
0.25000		5.375979	3.720831	0.018272
-0.812537		0.826413	115.247760	
0.50000		5.375979	3.720831	0.018272
-0.812537		0.803630	110.608289	
0.75000		5.375979	3.720831	0.018272
-0.812537		0.780847	105.968818	
1.00000		5.375979	3.720831	0.018272
-0.812537		0.758064	101.329347	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.135287	-20.139483	0.132033
1.971452		0.292196	-661.114792	
0.25000		-0.135287	-20.139483	0.132033
1.971452		0.052168	-636.003051	
0.50000		-0.135287	-20.139483	0.132033
1.971452		-0.112463	-610.891311	
0.75000		-0.135287	-20.139483	0.132033
1.971452		-0.277094	-585.779571	
1.00000		-0.135287	-20.139483	0.132033
1.971452		-0.441725	-560.667830	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.929276	42.729158	-0.538714
-5.943896		-4.457892	1007.830	
0.25000		-5.929276	42.729158	-0.538714
-5.943896		-3.786175	954.551173	
0.50000		-5.929276	42.729158	-0.538714
-5.943896		-3.114457	901.272572	
0.75000		-5.929276	42.729158	-0.538714
-5.943896		-2.442739	847.993971	
1.00000		-5.929276	42.729158	-0.538714
-5.943896		-1.771021	794.715369	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.599432	-43.650645	0.365166
2.527828		3.835997	-523.295208	
0.25000		-0.599432	-43.650645	0.365166
2.527828		3.380675	-468.867612	
0.50000		-0.599432	-43.650645	0.365166
2.527828		2.925354	-414.440017	
0.75000		-0.599432	-43.650645	0.365166
2.527828		2.470032	-360.012422	
1.00000		-0.599432	-43.650645	0.365166
2.527828		2.014710	-305.584827	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.568787	21.138559	0.036390
2.730778		-0.520367	69.109407	
0.25000		1.568787	21.138559	0.036390
2.730778		-0.565741	42.751929	
0.50000		1.568787	21.138559	0.036390
2.730778		-0.611116	16.394450	
0.75000		1.568787	21.138559	0.036390
2.730778		-0.656490	-9.963029	
1.00000		1.568787	21.138559	0.036390
2.730778		-0.701865	-36.320507	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.280771	-3.798420	-0.013147
-0.473625		0.076267	-12.416414	
0.25000		-0.280771	-3.798420	-0.013147
-0.473625		0.092659	-7.680198	
0.50000		-0.280771	-3.798420	-0.013147
-0.473625		0.109052	-2.943983	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
113

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.280771	-3.798420	-0.013147
-0.473625		0.125444	1.792232	
1.00000		-0.280771	-3.798420	-0.013147
-0.473625		0.141837	6.528448	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.015490	67.588548	-0.484052
-4.025655		-4.129063	1196.826	
0.25000		1.015490	67.588548	-0.484052
-4.025655		-3.525503	1112.551	
0.50000		1.015490	67.588548	-0.484052
-4.025655		-2.921942	1028.275	
0.75000		1.015490	67.588548	-0.484052
-4.025655		-2.318382	943.999760	
1.00000		1.015490	67.588548	-0.484052
-4.025655		-1.714821	859.724209	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.015490	-67.588548	0.484052
4.025655		4.129063	-1196.826	
0.25000		-1.015490	-67.588548	0.484052
4.025655		3.525503	-1112.551	
0.50000		-1.015490	-67.588548	0.484052
4.025655		2.921942	-1028.275	
0.75000		-1.015490	-67.588548	0.484052
4.025655		2.318382	-943.999760	
1.00000		-1.015490	-67.588548	0.484052
4.025655		1.714821	-859.724209	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.375979	67.588548	0.484052
4.025655		4.129063	1196.826	
0.25000		5.375979	67.588548	0.484052
4.025655		3.525503	1112.551	
0.50000		5.375979	67.588548	0.484052
4.025655		2.925354	1028.275	
0.75000		5.375979	67.588548	0.484052
4.025655		2.470032	943.999760	
1.00000		5.375979	67.588548	0.484052
4.025655		2.014710	859.724209	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.929276	-67.588548	-0.538714
-5.943896		-4.457892	-1196.826	
0.25000		-5.929276	-67.588548	-0.538714
-5.943896		-3.786175	-1112.551	
0.50000		-5.929276	-67.588548	-0.538714
-5.943896		-3.114457	-1028.275	
0.75000		-5.929276	-67.588548	-0.538714
-5.943896		-2.442739	-943.999760	
1.00000		-5.929276	-67.588548	-0.538714
-5.943896		-1.771021	-859.724209	

ELEM 26 ========== LENGTH = 4.987251

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.339472	3.771885	0.014377
-0.482055		0.846291	101.327094	
0.25000		5.339472	3.771885	0.014377
-0.482055		0.828366	96.624460	
0.50000		5.339472	3.771885	0.014377
-0.482055		0.810441	91.921626	
0.75000		5.339472	3.771885	0.014377
-0.482055		0.792516	87.218792	
1.00000		5.339472	3.771885	0.014377
-0.482055		0.774591	82.515958	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
114

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.035051	-20.703499	0.131760
1.233964		-0.681694	-560.661320	
0.25000		-0.035051	-20.703499	0.131760
1.233964		-0.845974	-534.847935	
0.50000		-0.035051	-20.703499	0.131760
1.233964		-1.010254	-509.034550	
0.75000		-0.035051	-20.703499	0.131760
1.233964		-1.174534	-483.221165	
1.00000		-0.035051	-20.703499	0.131760
1.233964		-1.338814	-457.407780	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.558531	43.714311	-0.547887
-5.571743		-2.673059	794.797903	
0.25000		-5.558531	43.714311	-0.547887
-5.571743		-1.989946	740.294346	
0.50000		-5.558531	43.714311	-0.547887
-5.571743		-1.306833	685.790789	
0.75000		-5.558531	43.714311	-0.547887
-5.571743		-0.623720	631.287233	
1.00000		-5.558531	43.714311	-0.547887
-5.571743		0.059393	576.783676	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.125185	-44.149278	0.384523
2.781612		3.289090	-305.674256	
0.25000		-1.125185	-44.149278	0.384523
2.781612		2.809663	-250.628377	
0.50000		-1.125185	-44.149278	0.384523
2.781612		2.330235	-195.582498	
0.75000		-1.125185	-44.149278	0.384523
2.781612		1.850808	-140.536620	
1.00000		-1.125185	-44.149278	0.384523
2.781612		1.371380	-85.490741	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.680292	21.170967	0.028369
2.460736		-0.971024	-36.317408	
0.25000		1.680292	21.170967	0.028369
2.460736		-1.006395	-62.713638	
0.50000		1.680292	21.170967	0.028369
2.460736		-1.041766	-89.109867	
0.75000		1.680292	21.170967	0.028369
2.460736		-1.077137	-115.506097	
1.00000		1.680292	21.170967	0.028369
2.460736		-1.112508	-141.902327	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.300998	-3.804386	-0.011141
-0.422514	0.190396	6.527788	
0.25000	-0.300998	-3.804386	-0.011141
-0.422514	0.204286	11.271144	
0.50000	-0.300998	-3.804386	-0.011141
-0.422514	0.218177	16.014501	
0.75000	-0.300998	-3.804386	-0.011141
-0.422514	0.232067	20.757857	
1.00000	-0.300998	-3.804386	-0.011141
-0.422514	0.245958	25.501213	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.461234	68.657163	-0.505142
-3.593062	-2.797792	859.807788	
0.25000	1.461234	68.657163	-0.505142
-3.593062	-2.167975	774.205168	
0.50000	1.461234	68.657163	-0.505142
-3.593062	-1.538158	688.602548	
0.75000	1.461234	68.657163	-0.505142
-3.593062	-0.908341	602.999928	
1.00000	1.461234	68.657163	-0.505142
-3.593062	-0.278523	517.397308	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
115

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.461234	-68.657163	0.505142
3.593062	2.797792	859.807788	
0.25000	-1.461234	-68.657163	0.505142
3.593062	2.167975	774.205168	
0.50000	-1.461234	-68.657163	0.505142
3.593062	1.538158	688.602548	
0.75000	-1.461234	-68.657163	0.505142
3.593062	0.908341	602.999928	
1.00000	-1.461234	-68.657163	0.505142
3.593062	0.278523	517.397308	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.339472	68.657163	0.505142
3.593062	3.289090	859.807788	
0.25000	5.339472	68.657163	0.505142
3.593062	2.809663	774.205168	
0.50000	5.339472	68.657163	0.505142
3.593062	2.330235	688.602548	
0.75000	5.339472	68.657163	0.505142
3.593062	1.850808	631.287233	
1.00000	5.339472	68.657163	0.505142
3.593062	1.371380	576.783676	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.558531	-68.657163	-0.547887
-5.571743	-2.797792	-859.807788	
0.25000	-5.558531	-68.657163	-0.547887
-5.571743	-2.167975	-774.205168	
0.50000	-5.558531	-68.657163	-0.547887
-5.571743	-1.538158	-688.602548	
0.75000	-5.558531	-68.657163	-0.547887
-5.571743	-1.174534	-602.999928	
1.00000	-5.558531	-68.657163	-0.547887
-5.571743	-1.338814	-517.397308	

ELEM 27 ========== LENGTH = 4.988063

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.317781	3.787167	0.022139
-0.142470	0.827208	82.514364	
0.25000	5.317781	3.787167	0.022139
-0.142470	0.799601	77.791708	
0.50000	5.317781	3.787167	0.022139
-0.142470	0.771993	73.069052	
0.75000	5.317781	3.787167	0.022139
-0.142470	0.744386	68.346395	
1.00000	5.317781	3.787167	0.022139
-0.142470	0.716778	63.623739	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006666	-20.963065	0.058879
0.070990	-1.405901	-457.406900	
0.25000	-0.006666	-20.963065	0.058879
0.070990	-1.479323	-431.265630	
0.50000	-0.006666	-20.963065	0.058879
0.070990	-1.552746	-405.124360	
0.75000	-0.006666	-20.963065	0.058879
0.070990	-1.626168	-378.983090	
1.00000	-0.006666	-20.963065	0.058879
0.070990	-1.699591	-352.841820	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.090234	44.163179	-0.429989
-4.566075	-1.077412	576.876905	
0.25000	-5.090234	44.163179	-0.429989
-4.566075	-0.541209	521.804729	
0.50000	-5.090234	44.163179	-0.429989
-4.566075	-0.005006	466.732554	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
116

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-5.090234	44.163179	-0.429989
-4.566075	0.531196	411.660379	
1.00000	-5.090234	44.163179	-0.429989
-4.566075	1.067399	356.588203	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.682569	-44.345697	0.339557
3.097812	2.721962	-85.586232	
0.25000	-1.682569	-44.345697	0.339557
3.097812	2.298530	-30.286453	
0.50000	-1.682569	-44.345697	0.339557
3.097812	1.875097	25.013326	
0.75000	-1.682569	-44.345697	0.339557
3.097812	1.451664	80.313106	
1.00000	-1.682569	-44.345697	0.339557
3.097812	1.028231	135.612885	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.781304	21.161066	0.019072
1.848515	-1.356444	-141.898509	
0.25000	1.781304	21.161066	0.019072
1.848515	-1.380228	-168.286690	
0.50000	1.781304	21.161066	0.019072
1.848515	-1.404011	-194.674871	
0.75000	1.781304	21.161066	0.019072
1.848515	-1.427795	-221.063053	
1.00000	1.781304	21.161066	0.019072
1.848515	-1.451578	-247.451234	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.319615	-3.802650	-0.009658
-0.308772	0.290586	25.500372	
0.25000	-0.319615	-3.802650	-0.009658
-0.308772	0.302630	30.242336	
0.50000	-0.319615	-3.802650	-0.009658
-0.308772	0.314674	34.984299	
0.75000	-0.319615	-3.802650	-0.009658
-0.308772	0.326717	39.726263	
1.00000	-0.319615	-3.802650	-0.009658
-0.308772	0.338761	44.468226	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.008850	69.111412	-0.388778
-2.860030	-1.606648	517.492760	
0.25000	2.008850	69.111412	-0.388778
-2.860030	-1.121836	431.309747	
0.50000	2.008850	69.111412	-0.388778
-2.860030	-0.637025	345.126734	
0.75000	2.008850	69.111412	-0.388778
-2.860030	-0.152213	258.943721	
1.00000	2.008850	69.111412	-0.388778
-2.860030	0.332599	172.760708	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.008850	-69.111412	0.388778
2.860030	1.606648	-517.492760	
0.25000	-2.008850	-69.111412	0.388778
2.860030	1.121836	-431.309747	
0.50000	-2.008850	-69.111412	0.388778
2.860030	0.637025	-345.126734	
0.75000	-2.008850	-69.111412	0.388778
2.860030	0.152213	-258.943721	
1.00000	-2.008850	-69.111412	0.388778
2.860030	-0.332599	-172.760708	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.317781	69.111412	0.388778
3.097812	2.721962	576.876905	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
117

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	5.317781	69.111412	0.388778
3.097812	2.298530	521.804729	
0.50000	5.317781	69.111412	0.388778
3.097812	1.875097	466.732554	
0.75000	5.317781	69.111412	0.388778
3.097812	1.451664	411.660379	
1.000000	5.317781	69.111412	0.388778
3.097812	1.067399	356.588203	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.090234	-69.111412	-0.429989
-4.566075	-1.606648	-517.492760	
0.25000	-5.090234	-69.111412	-0.429989
-4.566075	-1.479323	-431.309747	
0.50000	-5.090234	-69.111412	-0.429989
-4.566075	-1.552746	-405.124360	
0.75000	-5.090234	-69.111412	-0.429989
-4.566075	-1.626168	-378.983090	
1.00000	-5.090234	-69.111412	-0.429989
-4.566075	-1.699591	-352.841820	

ELEM 28 ========== LENGTH = 4.987000

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.309338	3.791842	0.029109
0.149030	0.737648	63.622469	
0.25000	5.309338	3.791842	0.029109
0.149030	0.701356	58.894990	
0.50000	5.309338	3.791842	0.029109
0.149030	0.665064	54.167512	
0.75000	5.309338	3.791842	0.029109
0.149030	0.628772	49.440034	
1.00000	5.309338	3.791842	0.029109
0.149030	0.592480	44.712555	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038701	-21.110715	-0.003965
-1.027537	-1.621513	-352.843996	
0.25000	-0.038701	-21.110715	-0.003965
-1.027537	-1.616570	-326.524212	
0.50000	-0.038701	-21.110715	-0.003965
-1.027537	-1.611627	-300.204428	
0.75000	-0.038701	-21.110715	-0.003965
-1.027537	-1.606683	-273.884644	
1.00000	-0.038701	-21.110715	-0.003965
-1.027537	-1.601740	-247.564861	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.552571	44.371060	-0.349102
-3.674226	-0.235902	356.686724	
0.25000	-4.552571	44.371060	-0.349102
-3.674226	0.199342	301.367105	
0.50000	-4.552571	44.371060	-0.349102
-3.674226	0.634585	246.047486	
0.75000	-4.552571	44.371060	-0.349102
-3.674226	1.069829	190.727867	
1.00000	-4.552571	44.371060	-0.349102
-3.674226	1.505073	135.408248	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.239797	-44.355663	0.343563
3.744112	2.378143	135.514936	
0.25000	-2.239797	-44.355663	0.343563
3.744112	1.949805	190.815359	
0.50000	-2.239797	-44.355663	0.343563
3.744112	1.521467	246.115782	
0.75000	-2.239797	-44.355663	0.343563
3.744112	1.093130	301.416204	
1.00000	-2.239797	-44.355663	0.343563
3.744112	0.664792	356.716627	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
118

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.855558	21.094187	-0.014237
0.949584	-1.631056	-247.447447	
0.25000	1.855558	21.094187	-0.014237
0.949584	-1.613306	-273.746625	
0.50000	1.855558	21.094187	-0.014237
0.949584	-1.595556	-300.045803	
0.75000	1.855558	21.094187	-0.014237
0.949584	-1.577806	-326.344980	
1.00000	1.855558	21.094187	-0.014237
0.949584	-1.560055	-352.644158	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.333826	-3.790711	-0.005368
-0.140961	0.372681	44.467114	
0.25000	-0.333826	-3.790711	-0.005368
-0.140961	0.379373	49.193383	
0.50000	-0.333826	-3.790711	-0.005368
-0.140961	0.386066	53.919452	
0.75000	-0.333826	-3.790711	-0.005368
-0.140961	0.392758	58.645520	
1.00000	-0.333826	-3.790711	-0.005368
-0.140961	0.399450	63.371589	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.612325	69.257089	-0.334231
-2.575613	-1.129310	172.861745	
0.25000	2.612325	69.257089	-0.334231
-2.575613	-0.712608	86.515470	
0.50000	2.612325	69.257089	-0.334231
-2.575613	-0.295906	0.169195	
0.75000	2.612325	69.257089	-0.334231
-2.575613	0.120795	-86.177080	
1.00000	2.612325	69.257089	-0.334231
-2.575613	0.537497	-172.523355	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.612325	-69.257089	0.334231
2.575613	1.129310	-172.861745	
0.25000	-2.612325	-69.257089	0.334231
2.575613	0.712608	-86.515470	
0.50000	-2.612325	-69.257089	0.334231
2.575613	0.295906	-0.169195	
0.75000	-2.612325	-69.257089	0.334231
2.575613	-0.120795	86.177080	
1.00000	-2.612325	-69.257089	0.334231
2.575613	-0.537497	172.523355	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.309338	69.257089	0.343563
3.744112	2.378143	356.686724	
0.25000	5.309338	69.257089	0.343563
3.744112	1.949805	301.367105	
0.50000	5.309338	69.257089	0.343563
3.744112	1.521467	246.115782	
0.75000	5.309338	69.257089	0.343563
3.744112	1.093130	301.416204	
1.00000	5.309338	69.257089	0.343563
3.744112	1.505073	356.716627	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.552571	-69.257089	-0.349102
-3.674226	-1.631056	-352.843996	
0.25000	-4.552571	-69.257089	-0.349102
-3.674226	-1.616570	-326.524212	
0.50000	-4.552571	-69.257089	-0.349102
-3.674226	-1.611627	-300.204428	
0.75000	-4.552571	-69.257089	-0.349102
-3.674226	-1.606683	-326.344980	
1.00000	-4.552571	-69.257089	-0.349102
-3.674226	-1.601740	-352.644158	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
119

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 29 ========== LENGTH = 4.988063

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.311520	3.781893	0.032359
0.399995	0.587991	44.711445	
0.25000	5.311520	3.781893	0.032359
0.399995	0.547639	39.995365	
0.50000	5.311520	3.781893	0.032359
0.399995	0.507287	35.279285	
0.75000	5.311520	3.781893	0.032359
0.399995	0.466935	30.563206	
1.00000	5.311520	3.781893	0.032359
0.399995	0.426584	25.847126	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.115093	-21.175203	-0.036486
-1.932325	-1.417232	-247.168542	
0.25000	-0.115093	-21.175203	-0.036486
-1.932325	-1.371734	-221.162732	
0.50000	-0.115093	-21.175203	-0.036486
-1.932325	-1.326235	-194.756921	
0.75000	-0.115093	-21.175203	-0.036486
-1.932325	-1.280736	-168.351111	
1.00000	-0.115093	-21.175203	-0.036486
-1.932325	-1.235237	-141.945301	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.980286	44.361307	-0.344047
-3.020817	0.118653	135.508012	
0.25000	-3.980286	44.361307	-0.344047
-3.020817	0.547685	80.188768	
0.50000	-3.980286	44.361307	-0.344047
-3.020817	0.976716	24.869524	
0.75000	-3.980286	44.361307	-0.344047
-3.020817	1.405748	-30.449721	
1.00000	-3.980286	44.361307	-0.344047
-3.020817	1.834779	-85.768965	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.762114	-44.145221	0.424848
4.620489	1.930947	356.620021	
0.25000	-2.762114	-44.145221	0.424848
4.620489	1.401154	411.669803	
0.50000	-2.762114	-44.145221	0.424848
4.620489	0.871362	466.719584	
0.75000	-2.762114	-44.145221	0.424848
4.620489	0.341569	521.769366	
1.00000	-2.762114	-44.145221	0.424848
4.620489	-0.188223	576.819147	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.886863	20.940642	-0.078707
-0.131572	-1.636424	-352.641740	
0.25000	1.886863	20.940642	-0.078707
-0.131572	-1.636275	-378.755949	
0.50000	1.886863	20.940642	-0.078707
-0.131572	-1.440125	-404.868357	
0.75000	1.886863	20.940642	-0.078707
-0.131572	-1.341976	-430.981666	
1.00000	1.886863	20.940642	-0.078707
-0.131572	-1.243826	-457.094975	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.340889	-3.763418	0.002033
0.064231	0.416066	63.370804	
0.25000	-0.340889	-3.763418	0.002033
0.064231	0.413530	68.063845	
0.50000	-0.340889	-3.763418	0.002033
0.064231	0.410995	72.756886	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
120

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.340889	-3.763418	0.002033
0.064231	0.408460	77.449926	
1.00000	-0.340889	-3.763418	0.002033
0.064231	0.405924	82.142967	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.218096	69.083842	-0.390395
-2.752395	-0.929780	-172.422283	
0.25000	3.218096	69.083842	-0.390395
-2.752395	-0.442951	-258.570916	
0.50000	3.218096	69.083842	-0.390395
-2.752395	0.043878	-344.719548	
0.75000	3.218096	69.083842	-0.390395
-2.752395	0.530707	-430.868181	
1.00000	3.218096	69.083842	-0.390395
-2.752395	1.017537	-517.016814	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.218096	-69.083842	0.390395
2.752395	0.929780	172.422283	
0.25000	-3.218096	-69.083842	0.390395
2.752395	0.442951	258.570916	
0.50000	-3.218096	-69.083842	0.390395
2.752395	-0.043878	344.719548	
0.75000	-3.218096	-69.083842	0.390395
2.752395	-0.530707	430.868181	
1.00000	-3.218096	-69.083842	0.390395
2.752395	-1.017537	517.016814	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.311520	69.083842	0.424848
4.620489	1.930947	356.620021	
0.25000	5.311520	69.083842	0.424848
4.620489	1.401154	411.669803	
0.50000	5.311520	69.083842	0.424848
4.620489	0.976716	466.719584	
0.75000	5.311520	69.083842	0.424848
4.620489	1.405748	521.769366	
1.00000	5.311520	69.083842	0.424848
4.620489	1.834779	576.819147	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.980286	-69.083842	-0.390395
-3.020817	-1.636424	-352.641740	
0.25000	-3.980286	-69.083842	-0.390395
-3.020817	-1.538275	-378.755049	
0.50000	-3.980286	-69.083842	-0.390395
-3.020817	-1.440125	-404.868357	
0.75000	-3.980286	-69.083842	-0.390395
-3.020817	-1.341976	-430.981666	
1.00000	-3.980286	-69.083842	-0.390395
-3.020817	-1.243826	-457.094975	

ELEM 30 ========== LENGTH = 4.987251

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.321731	3.752807	0.033653
0.623622	0.402960	25.845965	
0.25000	5.321731	3.752807	0.033653
0.623622	0.361001	21.166917	
0.50000	5.321731	3.752807	0.033653
0.623622	0.319042	16.487870	
0.75000	5.321731	3.752807	0.033653
0.623622	0.277082	11.808822	
1.00000	5.321731	3.752807	0.033653
0.623622	0.235123	7.129774	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
121

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.219750	-21.184107	-0.045115
-2.545181	-0.982698	-141.949212	
0.25000	-0.219750	-21.184107	-0.045115
-2.545181	-0.926448	-115.536599	
0.50000	-0.219750	-21.184107	-0.045115
-2.545181	-0.870197	-89.123987	
0.75000	-0.219750	-21.184107	-0.045115
-2.545181	-0.813947	-62.711374	
1.00000	-0.219750	-21.184107	-0.045115
-2.545181	-0.757696	-36.298762	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.408137	44.170174	-0.386154
-2.711747	0.448355	-85.671696	
0.25000	-3.408137	44.170174	-0.386154
-2.711747	0.892817	-140.774328	
0.50000	-3.408137	44.170174	-0.386154
-2.711747	1.411279	-195.815559	
0.75000	-3.408137	44.170174	-0.386154
-2.711747	1.892741	-250.887491	
1.00000	-3.408137	44.170174	-0.386154
-2.711747	2.374203	-305.959423	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.214779	-43.690361	0.541345
5.600119	0.910797	576.727976	
0.25000	-3.214779	-43.690361	0.541345
5.600119	0.235841	631.201671	
0.50000	-3.214779	-43.690361	0.541345
5.600119	-0.439114	685.675366	
0.75000	-3.214779	-43.690361	0.541345
5.600119	-1.114070	740.149061	
1.00000	-3.214779	-43.690361	0.541345
5.600119	-1.789025	794.622755	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.859067	20.666264	-0.153465
-1.249954	-1.178142	-457.095584	
0.25000	1.859067	20.666264	-0.153465
-1.249954	-0.986801	-482.862543	
0.50000	1.859067	20.666264	-0.153465
-1.249954	-0.795459	-508.629503	
0.75000	1.859067	20.666264	-0.153465
-1.249954	-0.604118	-534.396462	
1.00000	1.859067	20.666264	-0.153465
-1.249954	-0.412776	-560.163422	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.338131	-3.714777	0.009736
0.283141		0.398728	82.142550	
0.25000		-0.338131	-3.714777	0.009736
0.283141		0.386589	86.774182	
0.50000		-0.338131	-3.714777	0.009736
0.283141		0.374450	91.405814	
0.75000		-0.338131	-3.714777	0.009736
0.283141		0.362311	96.037445	
1.00000		-0.338131	-3.714777	0.009736
0.283141		0.350172	100.669077	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.772661	68.589245	-0.505965
-3.338078		-0.326827	-516.921315	
0.25000		3.772661	68.589245	-0.505965
-3.338078		0.304017	-602.439254	
0.50000		3.772661	68.589245	-0.505965
-3.338078		0.934861	-687.957193	
0.75000		3.772661	68.589245	-0.505965
-3.338078		1.565705	-773.475131	
1.00000		3.772661	68.589245	-0.505965
-3.338078		2.196549	-858.993070	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
122

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.772661	-68.589245	0.505965
3.338078		0.326827	516.921315	
0.25000		-3.772661	-68.589245	0.505965
3.338078		-0.304017	602.439254	
0.50000		-3.772661	-68.589245	0.505965
3.338078		-0.934861	687.957193	
0.75000		-3.772661	-68.589245	0.505965
3.338078		-1.565705	773.475131	
1.00000		-3.772661	-68.589245	0.505965
3.338078		-2.196549	858.993070	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.321731	68.589245	0.541345
5.600119		0.919797	576.727976	
0.25000		5.321731	68.589245	0.541345
5.600119		0.929817	631.201671	
0.50000		5.321731	68.589245	0.541345
5.600119		1.411279	687.957193	
0.75000		5.321731	68.589245	0.541345
5.600119		1.892741	773.475131	
1.00000		5.321731	68.589245	0.541345
5.600119		2.374203	858.993070	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.772661	-68.589245	-0.505965
-3.338078		-1.178142	-516.921315	
0.25000		-3.772661	-68.589245	-0.505965
-3.338078		-0.986801	-602.439254	
0.50000		-3.772661	-68.589245	-0.505965
-3.338078		-0.934861	-687.957193	
0.75000		-3.772661	-68.589245	-0.505965
-3.338078		-1.565705	-773.475131	
1.00000		-3.772661	-68.589245	-0.505965
-3.338078		-2.196549	-858.993070	

ELEM 31 ========== LENGTH = 4.987564

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.337159	3.697535	0.036227
0.840107		0.139184	7.128244	
0.25000		5.337159	3.697535	0.036227
0.840107		0.154013	2.517821	
0.50000		5.337159	3.697535	0.036227
0.840107		0.108842	-2.092601	
0.75000		5.337159	3.697535	0.036227
0.840107		0.063671	-6.703024	
1.00000		5.337159	3.697535	0.036227
0.840107		0.018500	-11.313447	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.336435	-21.152061	-0.049256
-2.811335		-0.476269	-36.302182	
0.25000		-0.336435	-21.152061	-0.049256
-2.811335		-0.414852	-9.927868	
0.50000		-0.336435	-21.152061	-0.049256
-2.811335		-0.353436	16.446447	
0.75000		-0.336435	-21.152061	-0.049256
-2.811335		-0.292019	42.820762	
1.00000		-0.336435	-21.152061	-0.049256
-2.811335		-0.230603	69.195076	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.867826	43.688675	-0.362501
-2.498705		1.064462	-305.868122	
0.25000		-2.867826	43.688675	-0.362501
-2.498705		1.516461	-360.343137	
0.50000		-2.867826	43.688675	-0.362501
-2.498705		1.968460	-414.818152	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
123

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-2.867826	43.688675	-0.362501
-2.498705		2.420459	-469.293186	
1.00000		-2.867826	43.688675	-0.362501
-2.498705		2.872458	-523.768181	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.569718	-42.693180	0.519834
5.928976		-0.925233	794.542482	
0.25000		-3.569718	-42.693180	0.519834
5.928976		-1.573409	847.776223	
0.50000		-3.569718	-42.693180	0.519834
5.928976		-2.221585	901.009964	
0.75000		-3.569718	-42.693180	0.519834
5.928976		-2.869761	954.243705	
1.00000		-3.569718	-42.693180	0.519834
5.928976		-3.517937	1007.477	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.760595	20.067747	-0.154490
-1.883862		-0.176958	-560.169871	
0.25000		1.760595	20.067747	-0.154490
-1.883862		0.015674	-585.192165	
0.50000		1.760595	20.067747	-0.154490
-1.883862		0.208306	-610.214458	
0.75000		1.760595	20.067747	-0.154490
-1.883862		0.400939	-635.236751	
1.00000		1.760595	20.067747	-0.154490
-1.883862		0.593571	-660.259044	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.323775	-3.608715	0.010186
0.424819		0.314815	100.669450	
0.25000		-0.323775	-3.608715	0.010186
0.424819		0.302114	105.169125	
0.50000		-0.323775	-3.608715	0.010186
0.424819		0.289413	109.668800	
0.75000		-0.323775	-3.608715	0.010186
0.424819		0.276711	114.168475	
1.00000		-0.323775	-3.608715	0.010186
0.424819		0.264010	118.668149	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.229928	67.453957	-0.480764
-3.542461		1.086687	-858.909750	
0.25000		4.229928	67.453957	-0.480764
-3.542461		1.686148	-943.017480	
0.50000		4.229928	67.453957	-0.480764
-3.542461		2.285608	-1027.125	
0.75000		4.229928	67.453957	-0.480764
-3.542461		2.885069	-1111.233	
1.00000		4.229928	67.453957	-0.480764
-3.542461		3.484529	-1195.341	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.229928	-67.453957	0.480764
3.542461		-1.086687	858.909750	
0.25000		-4.229928	-67.453957	0.480764
3.542461		-1.686148	943.017480	
0.50000		-4.229928	-67.453957	0.480764
3.542461		-2.285608	1027.125	
0.75000		-4.229928	-67.453957	0.480764
3.542461		-2.885069	1111.233	
1.00000		-4.229928	-67.453957	0.480764
3.542461		-3.484529	1195.341	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.337159	67.453957	0.519834
5.928976		1.086687	858.909750	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
124

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.337159	67.453957	0.519834
5.928976		1.686148	943.017480	
0.50000		5.337159	67.453957	0.519834
5.928976		2.285608	1027.125	
0.75000		5.337159	67.453957	0.519834
5.928976		2.885069	1111.233	
1.00000		5.337159	67.453957	0.519834
5.928976		3.484529	1195.341	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.229928	-67.453957	-0.480764
-3.542461		-1.086687	-858.909750	
0.25000		-4.229928	-67.453957	-0.480764
-3.542461		-1.686148	-943.017480	
0.50000		-4.229928	-67.453957	-0.480764
-3.542461		-2.285608	-1027.125	
0.75000		-4.229928	-67.453957	-0.480764
-3.542461		-2.885069	-1111.233	
1.00000		-4.229928	-67.453957	-0.480764
-3.542461		-3.517937	-1195.341	

ELEM 32 ========== LENGTH = 4.988003

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.355248	3.605421	0.040962
1.076080		-0.023600	-11.315740	
0.25000		5.355248	3.605421	0.040962
1.076080		-0.074680	-15.811702	
0.50000		5.355248	3.605421	0.040962
1.076080		-0.125760	-20.307664	
0.75000		5.355248	3.605421	0.040962
1.076080		-0.176840	-24.803626	
1.00000		5.355248	3.605421	0.040962
1.076080		-0.227921	-29.299588	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.450278	-21.052673	-0.070693
-2.783263		0.044058	69.192664	
0.25000		-0.450278	-21.052673	-0.070693
-2.783263		0.132213	95.445360	
0.50000		-0.450278	-21.052673	-0.070693
-2.783263		0.220368	121.698056	
0.75000		-0.450278	-21.052673	-0.070693
-2.783263		0.308522	147.950751	
1.00000		-0.450278	-21.052673	-0.070693
-2.783263		0.396677	174.203447	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.388616	42.879305	-0.094499
-2.284795		1.710580	-523.686799	
0.25000		-2.388616	42.879305	-0.094499
-2.284795		1.828420	-577.157318	
0.50000		-2.388616	42.879305	-0.094499
-2.284795		1.946260	-630.627838	
0.75000		-2.388616	42.879305	-0.094499
-2.284795		2.064101	-684.098358	
1.00000		-2.388616	42.879305	-0.094499
-2.284795		2.181941	-737.568877	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.803403	-41.117417	0.042858
5.447907		-2.949141	1007.415	
0.25000		-3.803403	-41.117417	0.042858
5.447907		-3.002584	1058.689	
0.50000		-3.803403	-41.117417	0.042858
5.447907		-3.056027	1109.962	
0.75000		-3.803403	-41.117417	0.042858
5.447907		-3.109471	1161.236	
1.00000		-3.803403	-41.117417	0.042858
5.447907		-3.162914	1212.509	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
125

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.583816	19.133081	0.089956
-1.941949		1.020505	-660.275177	
0.25000		1.583816	19.133081	0.089956
-1.941949		0.908329	-684.134141	
0.50000		1.583816	19.133081	0.089956
-1.941949		0.796154	-707.993105	
0.75000		1.583816	19.133081	0.089956
-1.941949		0.683979	-731.852070	
1.00000		1.583816	19.133081	0.089956
-1.941949		0.571804	-755.711034	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.296767	-3.447717	-0.008584
0.486020		0.197598	118.669869	
0.25000		-0.296767	-3.447717	-0.008584
0.486020		0.208302	122.969174	
0.50000		-0.296767	-3.447717	-0.008584
0.486020		0.219005	127.268480	
0.75000		-0.296767	-3.447717	-0.008584
0.486020		0.229709	131.567785	
1.00000		-0.296767	-3.447717	-0.008584
0.486020		0.240413	135.867090	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.550448	65.617807	0.036419
-3.150664		2.707485	-1195.278	
0.25000		4.550448	65.617807	0.036419
-3.150664		2.662070	-1277.103	
0.50000		4.550448	65.617807	0.036419
-3.150664		2.616654	-1358.929	
0.75000		4.550448	65.617807	0.036419
-3.150664		2.571239	-1440.754	
1.00000		4.550448	65.617807	0.036419
-3.150664		2.525824	-1522.579	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.550448	-65.617807	-0.036419
3.150664		-2.707485	1195.278	
0.25000		-4.550448	-65.617807	-0.036419
3.150664		-2.662070	1277.103	
0.50000		-4.550448	-65.617807	-0.036419
3.150664		-2.616654	1358.929	
0.75000		-4.550448	-65.617807	-0.036419
3.150664		-2.571239	1440.754	
1.00000		-4.550448	-65.617807	-0.036419
3.150664		-2.525824	1522.579	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.355248	65.617807	0.089956
5.447907		2.707485	1195.278	
0.25000		5.355248	65.617807	0.089956
5.447907		2.662070	1277.103	
0.50000		5.355248	65.617807	0.089956
5.447907		2.616654	1358.929	
0.75000		5.355248	65.617807	0.089956
5.447907		2.571239	1440.754	
1.00000		5.355248	65.617807	0.089956
5.447907		2.525824	1522.579	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.550448	-65.617807	-0.094499
-3.150664		-2.949141	-1195.278	
0.25000		-4.550448	-65.617807	-0.094499
-3.150664		-3.002584	-1277.103	
0.50000		-4.550448	-65.617807	-0.094499
-3.150664		-3.056027	-1358.929	
0.75000		-4.550448	-65.617807	-0.094499
-3.150664		-3.109471	-1440.754	
1.00000		-4.550448	-65.617807	-0.094499
-3.150664		-3.162914	-1522.579	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
126

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 33 ========== LENGTH = 3.491011

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.375262	3.505581	0.048631
1.269010		-0.273850	-29.301390	
0.25000		5.375262	3.505581	0.048631
1.269010		-0.316292	-32.360895	
0.50000		5.375262	3.505581	0.048631
1.269010		-0.358735	-35.420400	
0.75000		5.375262	3.505581	0.048631
1.269010		-0.401178	-38.479905	
1.00000		5.375262	3.505581	0.048631
1.269010		-0.443620	-41.539410	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.557758	-20.894874	-0.138850
-2.592884		0.651506	174.198726	
0.25000		-0.557758	-20.894874	-0.138850
-2.592884		0.772688	192.434784	
0.50000		-0.557758	-20.894874	-0.138850
-2.592884		0.893869	210.670841	
0.75000		-0.557758	-20.894874	-0.138850
-2.592884		1.015051	228.906898	
1.00000		-0.557758	-20.894874	-0.138850
-2.592884		1.136233	247.142956	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.957927	41.759995	0.631745
-1.536475		1.158531	-737.498121	
0.25000		-1.957927	41.759995	0.631745
-1.536475		0.607175	-773.944269	
0.50000		-1.957927	41.759995	0.631745
-1.536475		0.055818	-810.390417	
0.75000		-1.957927	41.759995	0.631745
-1.536475		-0.495539	-846.836566	
1.00000		-1.957927	41.759995	0.631745
-1.536475		-1.046896	-883.282714	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.911148	-38.999273	-1.209766
3.314985		-2.910777	1212.473	
0.25000		-3.911148	-38.999273	-1.209766
3.314985		-1.854950	1246.510	
0.50000		-3.911148	-38.999273	-1.209766
3.314985		-0.799123	1280.546	
0.75000		-3.911148	-38.999273	-1.209766
3.314985		0.256703	1314.583	
1.00000		-3.911148	-38.999273	-1.209766
3.314985		1.312530	1348.620	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.304706	17.888790	0.715433
-0.892860		1.239653	-755.743330	
0.25000		1.304706	17.888790	0.715433
-0.892860		0.915257	-771.355820	
0.50000		1.304706	17.888790	0.715433
-0.892860		-0.009138	-786.968310	
0.75000		1.304706	17.888790	0.715433
-0.892860		-0.633534	-802.580799	
1.00000		1.304706	17.888790	0.715433
-0.892860		-1.257930	-818.193289	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.253135	-3.260219	-0.047192
0.438223		0.134936	135.871259	
0.25000		-0.253135	-3.260219	-0.047192
0.438223		0.176123	138.716624	
0.50000		-0.253135	-3.260219	-0.047192
0.438223		0.217310	141.561989	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
127

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.253135	-3.260219	-0.047192
0.438223		0.258497	144.407354	
1.00000		-0.253135	-3.260219	-0.047192
0.438223		0.299684	147.252720	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.722041	63.154366	1.395808
-1.160324		2.124335	-1522.543	
0.25000		4.722041	63.154366	1.395808
-1.160324		0.906139	-1577.661	
0.50000		4.722041	63.154366	1.395808
-1.160324		-0.312056	-1632.779	
0.75000		4.722041	63.154366	1.395808
-1.160324		-1.530251	-1687.897	
1.00000		4.722041	63.154366	1.395808
-1.160324		-2.748446	-1743.015	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.722041	-63.154366	-1.395808
1.160324		-2.124335	1522.543	
0.25000		-4.722041	-63.154366	-1.395808
1.160324		-0.906139	1577.661	
0.50000		-4.722041	-63.154366	-1.395808
1.160324		0.312056	1632.779	
0.75000		-4.722041	-63.154366	-1.395808
1.160324		1.530251	1687.897	
1.00000		-4.722041	-63.154366	-1.395808
1.160324		2.748446	1743.015	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.375262	63.154366	1.395808
3.314985		2.124335	1522.543	
0.25000		5.375262	63.154366	1.395808
3.314985		0.906139	1577.661	
0.50000		5.375262	63.154366	1.395808
3.314985		0.893869	1632.779	
0.75000		5.375262	63.154366	1.395808
3.314985		1.530251	1687.897	
1.00000		5.375262	63.154366	1.395808
3.314985		2.748446	1743.015	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.722041	-63.154366	-1.395808
-2.592884		-2.910777	-1522.543	
0.25000		-4.722041	-63.154366	-1.395808
-2.592884		-1.854950	-1577.661	
0.50000		-4.722041	-63.154366	-1.395808
-2.592884		-0.799123	-1632.779	
0.75000		-4.722041	-63.154366	-1.395808
-2.592884		-1.530251	-1687.897	
1.00000		-4.722041	-63.154366	-1.395808
-2.592884		-2.748446	-1743.015	

ELEM 34 ========== LENGTH = 3.491348

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065148	-1.357244	-0.007598
1.216453		-0.490721	-47.938172	
0.25000		0.065148	-1.357244	-0.007598
1.216453		-0.484090	-46.753519	
0.50000		0.065148	-1.357244	-0.007598
1.216453		-0.477458	-45.568866	
0.75000		0.065148	-1.357244	-0.007598
1.216453		-0.470827	-44.384213	
1.00000		0.065148	-1.357244	-0.007598
1.216453		-0.464195	-43.199560	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
128

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.230817	5.885601	0.075891
-2.469829		1.366152	247.648661	
0.25000		-0.230817	5.885601	0.075891
-2.469829		1.299911	242.511491	
0.50000		-0.230817	5.885601	0.075891
-2.469829		1.233671	237.374321	
0.75000		-0.230817	5.885601	0.075891
-2.469829		1.167430	232.237151	
1.00000		-0.230817	5.885601	0.075891
-2.469829		1.101190	227.099980	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.565559	-19.189979	-0.748607
2.104215		-1.962701	-880.668647	
0.25000		0.565559	-19.189979	-0.748607
2.104215		-1.309220	-863.918925	
0.50000		0.565559	-19.189979	-0.748607
2.104215		-0.655879	-847.169202	
0.75000		0.565559	-19.189979	-0.748607
2.104215		-0.002467	-830.419480	
1.00000		0.565559	-19.189979	-0.748607
2.104215		0.650944	-813.669757	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.626432	37.966881	1.196133
-4.109208		1.327336	1348.970	
0.25000		-3.626432	37.966881	1.196133
-4.109208		0.283307	1315.831	
0.50000		-3.626432	37.966881	1.196133
-4.109208		-0.760723	1282.692	
0.75000		-3.626432	37.966881	1.196133
-4.109208		-1.804752	1249.553	
1.00000		-3.626432	37.966881	1.196133
-4.109208		-2.848782	1216.414	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.689268	-36.329107	-0.550064
2.799964		-0.403873	-822.604815	
0.25000		-2.689268	-36.329107	-0.550064
2.799964		0.076243	-790.895428	
0.50000		-2.689268	-36.329107	-0.550064
2.799964		0.556358	-759.186042	
0.75000		-2.689268	-36.329107	-0.550064
2.799964		1.036474	-727.476655	
1.00000		-2.689268	-36.329107	-0.550064
2.799964		1.516590	-695.767269	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.915811	13.023848	0.034243
0.458405		0.163808	154.593226	
0.25000		5.915811	13.023848	0.034243
0.458405		0.133919	143.225530	
0.50000		5.915811	13.023848	0.034243
0.458405		0.104030	131.857834	
0.75000		5.915811	13.023848	0.034243
0.458405		0.074141	120.490138	
1.00000		5.915811	13.023848	0.034243
0.458405		0.044253	109.122442	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.058562	-56.876331	-1.306268
6.120632		-2.857296	-1751.212	
0.25000		-2.058562	-56.876331	-1.306268
6.120632		-1.717137	-1701.568	
0.50000		-2.058562	-56.876331	-1.306268
6.120632		-0.576978	-1651.924	
0.75000		-2.058562	-56.876331	-1.306268
6.120632		0.563181	-1602.280	
1.00000		-2.058562	-56.876331	-1.306268
6.120632		1.703339	-1552.637	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
129

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.058562	56.876331	1.306268
-6.120632		2.857296	1751.212	
0.25000		2.058562	56.876331	1.306268
-6.120632		1.717137	1701.568	
0.50000		2.058562	56.876331	1.306268
-6.120632		0.576978	1651.924	
0.75000		2.058562	56.876331	1.306268
-6.120632		-0.563181	1602.280	
1.00000		2.058562	56.876331	1.306268
-6.120632		-1.703339	1552.637	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.915811	56.876331	1.306268
6.120632		2.857296	1751.212	
0.25000		5.915811	56.876331	1.306268
6.120632		1.717137	1701.568	
0.50000		5.915811	56.876331	1.306268
6.120632		1.233671	1651.924	
0.75000		5.915811	56.876331	1.306268
6.120632		1.167430	1602.280	
1.00000		5.915811	56.876331	1.306268
6.120632		1.703339	1552.637	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.626432	-56.876331	-1.306268
-6.120632		-2.857296	-1751.212	
0.25000		-3.626432	-56.876331	-1.306268
-6.120632		-1.717137	-1701.568	
0.50000		-3.626432	-56.876331	-1.306268
-6.120632		-0.760723	-1651.924	
0.75000		-3.626432	-56.876331	-1.306268
-6.120632		-1.804752	-1602.280	
1.00000		-3.626432	-56.876331	-1.306268
-6.120632		-2.848782	-1552.637	

ELEM 35 ========== LENGTH = 4.987567

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.080698	-1.284242	-0.004464
0.813121		-0.500028	-43.201630	
0.25000		0.080698	-1.284242	-0.004464
0.813121		-0.494462	-41.600319	
0.50000		0.080698	-1.284242	-0.004464
0.813121		-0.488896	-39.999008	
0.75000		0.080698	-1.284242	-0.004464
0.813121		-0.483330	-38.397697	
1.00000		0.080698	-1.284242	-0.004464
0.813121		-0.477764	-36.796386	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.305202	5.984905	0.024411
-1.832233		1.278626	227.098824	
0.25000		-0.305202	5.984905	0.024411
-1.832233		1.248188	219.636295	
0.50000		-0.305202	5.984905	0.024411
-1.832233		1.217750	212.173767	
0.75000		-0.305202	5.984905	0.024411
-1.832233		1.187312	204.711238	
1.00000		-0.305202	5.984905	0.024411
-1.832233		1.156874	197.248709	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.864682	-20.400503	-0.102972
2.609564		-0.064566	-813.639697	
0.25000		0.864682	-20.400503	-0.102972
2.609564		0.063829	-788.202478	
0.50000		0.864682	-20.400503	-0.102972
2.609564		0.192223	-762.765259	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
130

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.864682	-20.400503	-0.102972
2.609564		0.320818	-737.328040	
1.00000		0.864682	-20.400503	-0.102972
2.609564		0.449012	-711.890821	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.530428	40.066740	-0.054321
-5.836704		-3.073332	1216.454	
0.25000		-3.530428	40.066740	-0.054321
-5.836704		-3.005600	1166.495	
0.50000		-3.530428	40.066740	-0.054321
-5.836704		-2.937868	1116.536	
0.75000		-3.530428	40.066740	-0.054321
-5.836704		-2.870136	1066.577	
1.00000		-3.530428	40.066740	-0.054321
-5.836704		-2.802404	1016.618	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.091433	-37.410142	0.151850
3.394244		2.473266	-695.840210	
0.25000		-3.091433	-37.410142	0.151850
3.394244		2.283926	-649.193812	
0.50000		-3.091433	-37.410142	0.151850
3.394244		2.094586	-602.547415	
0.75000		-3.091433	-37.410142	0.151850
3.394244		1.905246	-555.901018	
1.00000		-3.091433	-37.410142	0.151850
3.394244		1.715906	-509.254621	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.981684	13.043241	-0.014504
0.852008		-0.113966	109.129147	
0.25000		5.981684	13.043241	-0.014504
0.852008		-0.095681	92.865637	
0.50000		5.981684	13.043241	-0.014504
0.852008		-0.077395	76.602127	
0.75000		5.981684	13.043241	-0.014504
0.852008		-0.059710	60.338616	
1.00000		5.981684	13.043241	-0.014504
0.852008		-0.041624	44.075106	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.146054	-59.094887	0.044414
6.816930		1.908673	-1552.682	
0.25000		-2.146054	-59.094887	0.044414
6.816930		1.853293	-1478.997	
0.50000		-2.146054	-59.094887	0.044414
6.816930		1.797913	-1405.312	
0.75000		-2.146054	-59.094887	0.044414
6.816930		1.742534	-1331.627	
1.00000		-2.146054	-59.094887	0.044414
6.816930		1.687154	-1257.942	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.146054	59.094887	-0.044414
-6.816930		-1.908673	1552.682	
0.25000		2.146054	59.094887	-0.044414
-6.816930		-1.853293	1478.997	
0.50000		2.146054	59.094887	-0.044414
-6.816930		-1.797913	1405.312	
0.75000		2.146054	59.094887	-0.044414
-6.816930		-1.742534	1331.627	
1.00000		2.146054	59.094887	-0.044414
-6.816930		-1.687154	1257.942	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.981684	59.094887	0.151850
6.816930		2.473266	1552.682	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
131

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.981684	59.094887	0.151850
6.816930		2.283926	1478.997	
0.50000		5.981684	59.094887	0.151850
6.816930		2.094586	1405.312	
0.75000		5.981684	59.094887	0.151850
6.816930		1.905246	1331.627	
1.00000		5.981684	59.094887	0.151850
6.816930		1.715906	1257.942	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.530428	-59.094887	-0.102972
-6.816930		-3.073332	-1552.682	
0.25000		-3.530428	-59.094887	-0.102972
-6.816930		-3.005600	-1478.997	
0.50000		-3.530428	-59.094887	-0.102972
-6.816930		-2.937868	-1405.312	
0.75000		-3.530428	-59.094887	-0.102972
-6.816930		-2.870136	-1331.627	
1.00000		-3.530428	-59.094887	-0.102972
-6.816930		-2.802404	-1257.942	

ELEM 36 ========== LENGTH = 4.988395

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.090182	-1.212478	-0.008460
0.414009		-0.499690	-36.797986	
0.25000		0.090182	-1.212478	-0.008460
0.414009		-0.489140	-35.285906	
0.50000		0.090182	-1.212478	-0.008460
0.414009		-0.478589	-33.773826	
0.75000		0.090182	-1.212478	-0.008460
0.414009		-0.468039	-32.261746	
1.00000		0.090182	-1.212478	-0.008460
0.414009		-0.457489	-30.749666	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.351099	6.062001	0.006407
-1.165296		1.267815	197.249315	
0.25000		-0.351099	6.062001	0.006407
-1.165296		1.259824	189.689402	
0.50000		-0.351099	6.062001	0.006407
-1.165296		1.251834	182.129489	
0.75000		-0.351099	6.062001	0.006407
-1.165296		1.243843	174.569576	
1.00000		-0.351099	6.062001	0.006407
-1.165296		1.235853	167.009663	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.054455	-21.313213	0.150031
2.383693		-0.008941	-711.875912	
0.25000		1.054455	-21.313213	0.150031
2.383693		-0.196045	-685.296232	
0.50000		1.054455	-21.313213	0.150031
2.383693		-0.383149	-658.716552	
0.75000		1.054455	-21.313213	0.150031
2.383693		-0.570253	-632.136872	
1.00000		1.054455	-21.313213	0.150031
2.383693		-0.757357	-605.557192	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.306466	41.631085	-0.530944
-6.440369		-3.347872	1016.681	
0.25000		-3.306466	41.631085	-0.530944
-6.440369		-2.685732	964.762974	
0.50000		-3.306466	41.631085	-0.530944
-6.440369		-2.023593	912.844903	
0.75000		-3.306466	41.631085	-0.530944
-6.440369		-1.361453	860.926832	
1.00000		-3.306466	41.631085	-0.530944
-6.440369		-0.699314	809.008762	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
132

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.542497	-38.186520	0.407413
3.668477		2.810247	-509.337542	
0.25000		-3.542497	-38.186520	0.407413
3.668477		2.302162	-461.715184	
0.50000		-3.542497	-38.186520	0.407413
3.668477		1.794078	-414.092825	
0.75000		-3.542497	-38.186520	0.407413
3.668477		1.285994	-366.470467	
1.00000		-3.542497	-38.186520	0.407413
3.668477		0.777909	-318.848109	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.055425	13.019126	-0.024448
1.139486		-0.021559	44.081080	
0.25000		6.055425	13.019126	-0.024448
1.139486		-0.191070	27.844946	
0.50000		6.055425	13.019126	-0.024448
1.139486		-0.160581	11.608812	
0.75000		6.055425	13.019126	-0.024448
1.139486		-0.130092	-4.627322	
1.00000		6.055425	13.019126	-0.024448
1.139486		-0.099603	-20.863457	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.397860	-60.712212	0.548985
6.466179		2.301616	-1258.011	
0.25000		-2.397860	-60.712212	0.548985
6.466179		1.616978	-1182.297	
0.50000		-2.397860	-60.712212	0.548985
6.466179		0.932340	-1106.583	
0.75000		-2.397860	-60.712212	0.548985
6.466179		0.247702	-1030.869	
1.00000		-2.397860	-60.712212	0.548985
6.466179		-0.436936	-955.154968	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.397860	60.712212	-0.548985
-6.466179		-2.301616	1258.011	
0.25000		2.397860	60.712212	-0.548985
-6.466179		-1.616978	1182.297	
0.50000		2.397860	60.712212	-0.548985
-6.466179		-0.932340	1106.583	
0.75000		2.397860	60.712212	-0.548985
-6.466179		-0.247702	1030.869	
1.00000		2.397860	60.712212	-0.548985
-6.466179		0.436936	955.154968	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.055425	60.712212	0.548985
6.466179		2.810247	1258.011	
0.25000		6.055425	60.712212	0.548985
6.466179		2.302162	1182.297	
0.50000		6.055425	60.712212	0.548985
6.466179		1.794078	1106.583	
0.75000		6.055425	60.712212	0.548985
6.466179		1.285994	1030.869	
1.00000		6.055425	60.712212	0.548985
6.466179		1.235853	955.154968	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.542497	-60.712212	-0.548985
-6.466179		-3.347872	-1258.011	
0.25000		-3.542497	-60.712212	-0.548985
-6.466179		-2.685732	-1182.297	
0.50000		-3.542497	-60.712212	-0.548985
-6.466179		-2.023593	-1106.583	
0.75000		-3.542497	-60.712212	-0.548985
-6.466179		-1.361453	-1030.869	
1.00000		-3.542497	-60.712212	-0.548985
-6.466179		-0.699314	-955.154968	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
133

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 37 ========== LENGTH = 4.987423

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.094994	-1.168468	-0.012519
0.108926		-0.468436	-30.750406	
0.25000		0.094994	-1.168468	-0.012519
0.108926		-0.452827	-29.293495	
0.50000		0.094994	-1.168468	-0.012519
0.108926		-0.437217	-27.836585	
0.75000		0.094994	-1.168468	-0.012519
0.108926		-0.421608	-26.379674	
1.00000		0.094994	-1.168468	-0.012519
0.108926		-0.405998	-24.922764	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.375039	6.120740	0.011750
-0.504528		1.259814	167.047522	
0.25000		-0.375039	6.120740	0.011750
-0.504528		1.278963	159.378841	
0.50000		-0.375039	6.120740	0.011750
-0.504528		1.264312	151.747161	
0.75000		-0.375039	6.120740	0.011750
-0.504528		1.249661	144.115480	
1.00000		-0.375039	6.120740	0.011750
-0.504528		1.235010	136.483800	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.159570	-21.908729	0.149187
1.394067		-1.008981	-605.551548	
0.25000		1.159570	-21.908729	0.149187
1.394067		-1.194996	-578.234523	
0.50000		1.159570	-21.908729	0.149187
1.394067		-1.381010	-550.917498	
0.75000		1.159570	-21.908729	0.149187
1.394067		-1.567025	-523.600473	
1.00000		1.159570	-21.908729	0.149187
1.394067		-1.753039	-496.283448	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.960286	42.629858	-0.548190
-5.871726		-1.542428	809.090622	
0.25000		-2.960286	42.629858	-0.548190
-5.871726		-0.858914	755.937337	
0.50000		-2.960286	42.629858	-0.548190
-5.871726		-0.175400	702.784053	
0.75000		-2.960286	42.629858	-0.548190
-5.871726		0.508114	649.630769	
1.00000		-2.960286	42.629858	-0.548190
-5.871726		1.191629	596.477484	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.053913	-38.654109	0.424914
3.696234		2.018744	-318.941260	
0.25000		-4.053913	-38.654109	0.424914
3.696234		1.888337	-270.745161	
0.50000		-4.053913	-38.654109	0.424914
3.696234		0.959131	-222.549061	
0.75000		-4.053913	-38.654109	0.424914
3.696234		0.429324	-174.352962	
1.00000		-4.053913	-38.654109	0.424914
3.696234		-0.100483	-126.156862	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.134674	12.980708	-0.025142
1.177028		-0.292512	-20.857929	
0.25000		6.134674	12.980708	-0.025142
1.177028		-0.261164	-37.042999	
0.50000		6.134674	12.980708	-0.025142
1.177028		-0.229816	-53.228069	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
134

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		6.134674	12.980708	-0.025142
1.177028		-0.198467	-69.413139	
1.00000		6.134674	12.980708	-0.025142
1.177028		-0.167119	-85.598209	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.799348	-61.731306	0.561582
5.199227		0.541326	-955.243214	
0.25000		-2.799348	-61.731306	0.561582
5.199227		-0.158885	-878.273179	
0.50000		-2.799348	-61.731306	0.561582
5.199227		-0.859097	-801.303144	
0.75000		-2.799348	-61.731306	0.561582
5.199227		-1.559308	-724.333109	
1.00000		-2.799348	-61.731306	0.561582
5.199227		-2.259520	-647.363074	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.799348	61.731306	-0.561582
-5.199227		-0.541326	955.243214	
0.25000		2.799348	61.731306	-0.561582
-5.199227		0.158885	878.273179	
0.50000		2.799348	61.731306	-0.561582
-5.199227		0.859097	801.303144	
0.75000		2.799348	61.731306	-0.561582
-5.199227		1.559308	724.333109	
1.00000		2.799348	61.731306	-0.561582
-5.199227		2.259520	647.363074	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.134674	61.731306	0.561582
5.199227		2.018744	955.243214	
0.25000		6.134674	61.731306	0.561582
5.199227		1.488937	878.273179	
0.50000		6.134674	61.731306	0.561582
5.199227		1.264312	801.303144	
0.75000		6.134674	61.731306	0.561582
5.199227		1.559308	724.333109	
1.00000		6.134674	61.731306	0.561582
5.199227		2.259520	647.363074	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.053913	-61.731306	-0.561582
-5.871726		-1.542428	-955.243214	
0.25000		-4.053913	-61.731306	-0.561582
-5.871726		-1.194996	-878.273179	
0.50000		-4.053913	-61.731306	-0.561582
-5.871726		-1.381010	-801.303144	
0.75000		-4.053913	-61.731306	-0.561582
-5.871726		-1.567025	-724.333109	
1.00000		-4.053913	-61.731306	-0.561582
-5.871726		-2.259520	-647.363074	

ELEM 38 ========== LENGTH = 4.987492

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.095803	-1.140536	-0.014503
-0.104373		-0.407504	-24.922676	
0.25000		0.095803	-1.140536	-0.014503
-0.104373		-0.389420	-23.500572	
0.50000		0.095803	-1.140536	-0.014503
-0.104373		-0.371337	-22.078468	
0.75000		0.095803	-1.140536	-0.014503
-0.104373		-0.353253	-20.656365	
1.00000		0.095803	-1.140536	-0.014503
-0.104373		-0.335170	-19.234261	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
135

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.379218	6.135340	0.023292
0.066651		1.245185	136.484253	
0.25000		-0.379218	6.135340	0.023292
0.066651		1.216143	128.834262	
0.50000		-0.379218	6.135340	0.023292
0.066651		1.187101	121.184271	
0.75000		-0.379218	6.135340	0.023292
0.066651		1.158059	113.534280	
1.00000		-0.379218	6.135340	0.023292
0.066651		1.129018	105.884289	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.188208	-22.172452	0.072514
0.154309		-1.820745	-496.283231	
0.25000		1.188208	-22.172452	0.072514
0.154309		-1.911161	-468.636997	
0.50000		1.188208	-22.172452	0.072514
0.154309		-2.001576	-440.990763	
0.75000		1.188208	-22.172452	0.072514
0.154309		-2.091992	-413.344529	
1.00000		1.188208	-22.172452	0.072514
0.154309		-2.182407	-385.698295	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.513691	43.076952	-0.437192
-4.885168		0.107423	596.568458	
0.25000		-2.513691	43.076952	-0.437192
-4.885168		0.652546	542.856965	
0.50000		-2.513691	43.076952	-0.437192
-4.885168		1.197668	489.145473	
0.75000		-2.513691	43.076952	-0.437192
-4.885168		1.742791	435.433981	
1.00000		-2.513691	43.076952	-0.437192
-4.885168		2.287913	381.722489	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.601366	-38.836669	0.387067
3.797895		1.226570	-126.254409	
0.25000		-4.601366	-38.836669	0.387067
3.797895		0.743946	-77.830012	
0.50000		-4.601366	-38.836669	0.387067
3.797895		0.261322	-29.405615	
0.75000		-4.601366	-38.836669	0.387067
3.797895		-0.221302	19.018781	
1.00000		-4.601366	-38.836669	0.387067
3.797895		-0.703926	67.443178	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.210264	12.937364	-0.031178
0.970687		-0.350929	-85.592394	
0.25000		6.210264	12.937364	-0.031178
0.970687		-0.312053	-101.723646	
0.50000		6.210264	12.937364	-0.031178
0.970687		-0.273178	-117.854897	
0.75000		6.210264	12.937364	-0.031178
0.970687		-0.234303	-133.986149	
1.00000		6.210264	12.937364	-0.031178
0.970687		-0.195427	-150.117400	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.317355	-62.149657	0.445078
3.847831		-1.001680	-647.460316	
0.25000		-3.317355	-62.149657	0.445078
3.847831		-1.556636	-569.967581	
0.50000		-3.317355	-62.149657	0.445078
3.847831		-2.111591	-492.474847	
0.75000		-3.317355	-62.149657	0.445078
3.847831		-2.666547	-414.982112	
1.00000		-3.317355	-62.149657	0.445078
3.847831		-3.221503	-337.489378	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
136

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.317355	62.149657	-0.445078
-3.847831		1.001680	647.460316	
0.25000		3.317355	62.149657	-0.445078
-3.847831		1.556636	569.967581	
0.50000		3.317355	62.149657	-0.445078
-3.847831		2.111591	492.474847	
0.75000		3.317355	62.149657	-0.445078
-3.847831		2.666547	414.982112	
1.00000		3.317355	62.149657	-0.445078
-3.847831		3.221503	337.489378	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.210264	62.149657	0.445078
3.847831		1.245185	647.460316	
0.25000		6.210264	62.149657	0.445078
3.847831		1.556636	569.967581	
0.50000		6.210264	62.149657	0.445078
3.847831		2.111591	492.474847	
0.75000		6.210264	62.149657	0.445078
3.847831		2.666547	435.433981	
1.00000		6.210264	62.149657	0.445078
3.847831		3.221503	381.722489	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.601366	-62.149657	-0.445078
-4.885168		-1.820745	-647.460316	
0.25000		-4.601366	-62.149657	-0.445078
-4.885168		-1.911161	-569.967581	
0.50000		-4.601366	-62.149657	-0.445078
-4.885168		-2.111591	-492.474847	
0.75000		-4.601366	-62.149657	-0.445078
-4.885168		-2.666547	-414.982112	
1.00000		-4.601366	-62.149657	-0.445078
-4.885168		-3.221503	-385.698295	

ELEM 39 ========== LENGTH = 4.987729

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.093287	-1.127112	-0.015012
-0.250043		-0.328810	-19.233756	
0.25000		0.093287	-1.127112	-0.015012
-0.250043		-0.310091	-17.828323	
0.50000		0.093287	-1.127112	-0.015012
-0.250043		-0.291371	-16.422891	
0.75000		0.093287	-1.127112	-0.015012
-0.250043		-0.272652	-15.017458	
1.00000		0.093287	-1.127112	-0.015012
-0.250043		-0.253932	-13.612026	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.366659	6.147431	0.032636
0.538118		1.098878	105.884575	
0.25000		-0.366659	6.147431	0.032636
0.538118		1.058183	98.219144	
0.50000		-0.366659	6.147431	0.032636
0.538118		1.017487	90.553713	
0.75000		-0.366659	6.147431	0.032636
0.538118		0.976792	82.888283	
1.00000		-0.366659	6.147431	0.032636
0.538118		0.936096	75.222852	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.152494	-22.323151	0.006527
-1.098542		-2.095362	-385.701108	
0.25000		1.152494	-22.323151	0.006527
-1.098542		-2.103501	-357.865649	
0.50000		1.152494	-22.323151	0.006527
-1.098542		-2.111640	-330.030191	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
137

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		1.152494	-22.323151	0.006527
-1.098542		-2.119779	-302.194733	
1.00000		1.152494	-22.323151	0.006527
-1.098542		-2.127918	-274.359275	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.993951	43.284638	-0.353221
-3.871137		1.028070	381.819823	
0.25000		-1.993951	43.284638	-0.353221
-3.871137		1.468513	327.846811	
0.50000		-1.993951	43.284638	-0.353221
-3.871137		1.908956	273.873799	
0.75000		-1.993951	43.284638	-0.353221
-3.871137		2.349398	219.900786	
1.00000		-1.993951	43.284638	-0.353221
-3.871137		2.789841	165.927774	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.157194	-38.847235	0.385380
4.119316		0.642938	67.342697	
0.25000		-5.157194	-38.847235	0.385380
4.119316		0.162395	115.782568	
0.50000		-5.157194	-38.847235	0.385380
4.119316		-0.318148	164.222440	
0.75000		-5.157194	-38.847235	0.385380
4.119316		-0.798691	212.662312	
1.00000		-5.157194	-38.847235	0.385380
4.119316		-1.279234	261.102183	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.272021	12.865430	-0.056310
0.562289		-0.345714	-150.112231	
0.25000		6.272021	12.865430	-0.056310
0.562289		-0.275498	-166.154550	
0.50000		6.272021	12.865430	-0.056310
0.562289		-0.205283	-182.196870	
0.75000		6.272021	12.865430	-0.056310
0.562289		-0.135068	-198.239189	
1.00000		6.272021	12.865430	-0.056310
0.562289		-0.064852	-214.281509	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.911412	-62.297499	0.376895
2.770730		-1.781235	-337.592167	
0.25000		-3.911412	-62.297499	0.376895
2.770730		-2.251197	-259.911404	
0.50000		-3.911412	-62.297499	0.376895
2.770730		-2.721160	-182.230642	
0.75000		-3.911412	-62.297499	0.376895
2.770730		-3.191122	-104.549880	
1.00000		-3.911412	-62.297499	0.376895
2.770730		-3.661085	-26.869118	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.911412	62.297499	-0.376895
-2.770730		1.781235	337.592167	
0.25000		3.911412	62.297499	-0.376895
-2.770730		2.251197	259.911404	
0.50000		3.911412	62.297499	-0.376895
-2.770730		2.721160	182.230642	
0.75000		3.911412	62.297499	-0.376895
-2.770730		3.191122	104.549880	
1.00000		3.911412	62.297499	-0.376895
-2.770730		3.661085	26.869117	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.272021	62.297499	0.385380
4.119316		1.781235	381.819823	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
138

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		6.272021	62.297499	0.385380
4.119316		2.251197	327.846811	
0.50000		6.272021	62.297499	0.385380
4.119316		2.721160	273.873799	
0.75000		6.272021	62.297499	0.385380
4.119316		3.191122	219.900786	
1.00000		6.272021	62.297499	0.385380
4.119316		3.661085	261.102183	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.157194	-62.297499	-0.376895
-3.871137		-2.095362	-385.701108	
0.25000		-5.157194	-62.297499	-0.376895
-3.871137		-2.251197	-357.865649	
0.50000		-5.157194	-62.297499	-0.376895
-3.871137		-2.721160	-330.030191	
0.75000		-5.157194	-62.297499	-0.376895
-3.871137		-3.191122	-302.194733	
1.00000		-5.157194	-62.297499	-0.376895
-3.871137		-3.661085	-274.359275	

ELEM 40 ========== LENGTH = 4.987093

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.088330	-1.121188	-0.014829
-0.342412		-0.241787	-13.611266	
0.25000		0.088330	-1.121188	-0.014829
-0.342412		-0.223299	-12.213399	
0.50000		0.088330	-1.121188	-0.014829
-0.342412		-0.204811	-10.815532	
0.75000		0.088330	-1.121188	-0.014829
-0.342412		-0.186323	-9.417665	
1.00000		0.088330	-1.121188	-0.014829
-0.342412		-0.167835	-8.019798	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.341798	6.152178	0.037322
0.887839		0.876347	75.222344	
0.25000		-0.341798	6.152178	0.037322
0.887839		0.829815	67.552473	
0.50000		-0.341798	6.152178	0.037322
0.887839		0.783284	59.882101	
0.75000		-0.341798	6.152178	0.037322
0.887839		0.736752	52.211730	
1.00000		-0.341798	6.152178	0.037322
0.887839		0.690220	44.541359	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.069551	-22.386376	-0.026932
-2.144025		-1.927414	-274.363108	
0.25000		1.069551	-22.386376	-0.026932
-2.144025		-1.893836	-246.452373	
0.50000		1.069551	-22.386376	-0.026932
-2.144025		-1.860258	-218.541638	
0.75000		1.069551	-22.386376	-0.026932
-2.144025		-1.826680	-190.630903	
1.00000		1.069551	-22.386376	-0.026932
-2.144025		-1.793103	-162.720168	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.436244	43.271093	-0.350555
-3.057638		1.438520	166.026059	
0.25000		-1.436244	43.271093	-0.350555
-3.057638		1.875583	112.076817	
0.50000		-1.436244	43.271093	-0.350555
-3.057638		2.312646	58.127575	
0.75000		-1.436244	43.271093	-0.350555
-3.057638		2.749708	4.178333	
1.00000		-1.436244	43.271093	-0.350555
-3.057638		3.186771	-49.770909	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
139

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.689327	-38.650160	0.459553
4.582967		0.011085	261.003039	
0.25000		-5.689327	-38.650160	0.459553
4.582967		-0.561874	309.191026	
0.50000		-5.689327	-38.650160	0.459553
4.582967		-1.134833	357.379012	
0.75000		-5.689327	-38.650160	0.459553
4.582967		-1.707792	405.566999	
1.00000		-5.689327	-38.650160	0.459553
4.582967		-2.280750	453.754986	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.309489	12.734453	-0.104559
0.073268		-0.156750	-214.377568	
0.25000		6.309489	12.734453	-0.104559
0.073268		-0.026389	-230.154543	
0.50000		6.309489	12.734453	-0.104559
0.073268		0.103973	-246.031519	
0.75000		6.309489	12.734453	-0.104559
0.073268		0.234335	-261.908494	
1.00000		6.309489	12.734453	-0.104559
0.073268		0.364696	-277.785469	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.531447	-62.157724	0.417793
2.096530		-2.158117	-26.971335	
0.25000		-4.531447	-62.157724	0.417793
2.096530		-2.679009	50.525254	
0.50000		-4.531447	-62.157724	0.417793
2.096530		-3.199902	128.021842	
0.75000		-4.531447	-62.157724	0.417793
2.096530		-3.720795	205.518431	
1.00000		-4.531447	-62.157724	0.417793
2.096530		-4.241688	283.015019	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.531447	62.157724	-0.417793
-2.096530		2.158117	26.971335	
0.25000		4.531447	62.157724	-0.417793
-2.096530		2.679009	-50.525254	
0.50000		4.531447	62.157724	-0.417793
-2.096530		3.199902	-128.021842	
0.75000		4.531447	62.157724	-0.417793
-2.096530		3.720795	-205.518431	
1.00000		4.531447	62.157724	-0.417793
-2.096530		4.241688	-283.015019	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.309489	62.157724	0.459553
4.582967		2.158117	261.003039	
0.25000		6.309489	62.157724	0.459553
4.582967		2.679009	309.191026	
0.50000		6.309489	62.157724	0.459553
4.582967		3.199902	357.379012	
0.75000		6.309489	62.157724	0.459553
4.582967		3.720795	405.566999	
1.00000		6.309489	62.157724	0.459553
4.582967		4.241688	453.754986	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.689327	-62.157724	-0.417793
-3.057638		-2.158117	-274.363108	
0.25000		-5.689327	-62.157724	-0.417793
-3.057638		-2.679009	-246.452373	
0.50000		-5.689327	-62.157724	-0.417793
-3.057638		-3.199902	-246.031519	
0.75000		-5.689327	-62.157724	-0.417793
-3.057638		-3.720795	-261.908494	
1.00000		-5.689327	-62.157724	-0.417793
-3.057638		-4.241688	-283.015019	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
140

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 41 ========== LENGTH = 4.987643

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.081760	-1.119235	-0.014563
-0.393979		-0.151882	-8.018830	
0.25000		0.081760	-1.119235	-0.014563
-0.393979		-0.133723	-6.623244	
0.50000		0.081760	-1.119235	-0.014563
-0.393979		-0.115565	-5.227659	
0.75000		0.081760	-1.119235	-0.014563
-0.393979		-0.097406	-3.832073	
1.00000		0.081760	-1.119235	-0.014563
-0.393979		-0.079248	-2.436487	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.309039	6.150768	0.039016
1.119231		0.611447	44.540843	
0.25000		-0.309039	6.150768	0.039016
1.119231		0.562798	36.871384	
0.50000		-0.309039	6.150768	0.039016
1.119231		0.514148	29.201924	
0.75000		-0.309039	6.150768	0.039016
1.119231		0.465499	21.532465	
1.00000		-0.309039	6.150768	0.039016
1.119231		0.416849	13.863006	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.956340	-22.392855	-0.037655
-2.902270		-1.519731	-162.723409	
0.25000		0.956340	-22.392855	-0.037655
-2.902270		-1.472778	-134.801517	
0.50000		0.956340	-22.392855	-0.037655
-2.902270		-1.425826	-106.879624	
0.75000		0.956340	-22.392855	-0.037655
-2.902270		-1.378873	-78.957732	
1.00000		0.956340	-22.392855	-0.037655
-2.902270		-1.331921	-51.035840	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.873567	43.068126	-0.387415
-2.554217		1.823083	-49.674910	
0.25000		-0.873567	43.068126	-0.387415
-2.554217		2.306156	-103.377022	
0.50000		-0.873567	43.068126	-0.387415
-2.554217		2.789228	-157.079133	
0.75000		-0.873567	43.068126	-0.387415
-2.554217		3.272300	-210.781244	
1.00000		-0.873567	43.068126	-0.387415
-2.554217		3.755372	-264.483355	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.167953	-38.213956	0.562826
5.135937		-1.118574	453.660698	
0.25000		-6.167953	-38.213956	0.562826
5.135937		-1.720368	501.310092	
0.50000		-6.167953	-38.213956	0.562826
5.135937		-2.522163	548.959486	
0.75000		-6.167953	-38.213956	0.562826
5.135937		-3.223957	596.608880	
1.00000		-6.167953	-38.213956	0.562826
5.135937		-3.925751	644.258274	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.312458	12.507151	-0.162209
-0.404702		0.355657	-277.784391	
0.25000		6.312458	12.507151	-0.162209
-0.404702		0.557917	-293.379693	
0.50000		6.312458	12.507151	-0.162209
-0.404702		0.760177	-308.974995	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
141

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		6.312458	12.507151	-0.162209
-0.404702		0.962438	-324.570296	
1.00000		6.312458	12.507151	-0.162209
-0.404702		1.164698	-340.165598	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.129853	-61.726046	0.510608
1.839688		-2.790187	282.918459	
0.25000		-5.129853	-61.726046	0.510608
1.839688		-3.426870	359.885331	
0.50000		-5.129853	-61.726046	0.510608
1.839688		-4.063553	436.852203	
0.75000		-5.129853	-61.726046	0.510608
1.839688		-4.700237	513.819075	
1.00000		-5.129853	-61.726046	0.510608
1.839688		-5.336920	590.785947	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.129853	61.726046	-0.510608
-1.839688		2.790187	-282.918459	
0.25000		5.129853	61.726046	-0.510608
-1.839688		3.426870	-359.885331	
0.50000		5.129853	61.726046	-0.510608
-1.839688		4.063553	-436.852203	
0.75000		5.129853	61.726046	-0.510608
-1.839688		4.700237	-513.819075	
1.00000		5.129853	61.726046	-0.510608
-1.839688		5.336920	-590.785947	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.312458	61.726046	0.562826
5.135937		2.790187	453.660698	
0.25000		6.312458	61.726046	0.562826
5.135937		3.426870	501.310092	
0.50000		6.312458	61.726046	0.562826
5.135937		4.063553	548.959486	
0.75000		6.312458	61.726046	0.562826
5.135937		4.700237	596.608880	
1.00000		6.312458	61.726046	0.562826
5.135937		5.336920	644.258274	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.167953	-61.726046	-0.510608
-2.902270		-2.790187	-282.918459	
0.25000		-6.167953	-61.726046	-0.510608
-2.902270		-3.426870	-359.885331	
0.50000		-6.167953	-61.726046	-0.510608
-2.902270		-4.063553	-436.852203	
0.75000		-6.167953	-61.726046	-0.510608
-2.902270		-4.700237	-513.819075	
1.00000		-6.167953	-61.726046	-0.510608
-2.902270		-5.336920	-590.785947	

ELEM 42 ========== LENGTH = 4.988128

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.074406	-1.120352	-0.013850
-0.404755		-0.061448	-2.435711	
0.25000		0.074406	-1.120352	-0.013850
-0.404755		-0.044176	-1.038596	
0.50000		0.074406	-1.120352	-0.013850
-0.404755		-0.026904	0.358519	
0.75000		0.074406	-1.120352	-0.013850
-0.404755		-0.009632	1.755633	
1.00000		0.074406	-1.120352	-0.013850
-0.404755		0.007640	3.152748	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
142

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.272864	6.144478	0.039991
1.207684		0.329837	13.862846	
0.25000		-0.272864	6.144478	0.039991
1.207684		0.279968	6.200485	
0.50000		-0.272864	6.144478	0.039991
1.207684		0.230098	-1.461875	
0.75000		-0.272864	6.144478	0.039991
1.207684		0.180229	-9.124236	
1.00000		-0.272864	6.144478	0.039991
1.207684		0.130359	-16.786596	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.829950	-22.355467	-0.043251
-3.246038		-1.026897	-51.039907	
0.25000		0.829950	-22.355467	-0.043251
-3.246038		-0.972962	-23.161926	
0.50000		0.829950	-22.355467	-0.043251
-3.246038		-0.919027	4.716054	
0.75000		0.829950	-22.355467	-0.043251
-3.246038		-0.865092	32.594035	
1.00000		0.829950	-22.355467	-0.043251
-3.246038		-0.811157	60.472015	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.335995	42.567396	-0.370600
-1.978335		2.453220	-264.395243	
0.25000		-0.335995	42.567396	-0.370600
-1.978335		2.915371	-317.478145	
0.50000		-0.335995	42.567396	-0.370600
-1.978335		3.377521	-370.561047	
0.75000		-0.335995	42.567396	-0.370600
-1.978335		3.839671	-423.643949	
1.00000		-0.335995	42.567396	-0.370600
-1.978335		4.301822	-476.726851	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.568727	-37.287832	0.550737
4.706203		-2.952166	644.177870	
0.25000		-6.568727	-37.287832	0.550737
4.706203		-3.638953	690.676987	
0.50000		-6.568727	-37.287832	0.550737
4.706203		-4.325740	737.176105	
0.75000		-6.568727	-37.287832	0.550737
4.706203		-5.012527	783.675222	
1.00000		-6.568727	-37.287832	0.550737
4.706203		-5.699314	830.174340	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.273230	12.051777	-0.163026
-0.284759		1.257453	-340.169855	
0.25000		6.273230	12.051777	-0.163026
-0.284759		1.460752	-355.198805	
0.50000		6.273230	12.051777	-0.163026
-0.284759		1.664051	-370.227755	
0.75000		6.273230	12.051777	-0.163026
-0.284759		1.867351	-385.256706	
1.00000		6.273230	12.051777	-0.163026
-0.284759		2.070650	-400.285656	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.664371	-60.763651	0.493636
1.055410		-4.040511	590.702252	
0.25000		-5.664371	-60.763651	0.493636
1.055410		-4.656091	666.476465	
0.50000		-5.664371	-60.763651	0.493636
1.055410		-5.271671	742.250678	
0.75000		-5.664371	-60.763651	0.493636
1.055410		-5.887251	818.024890	
1.00000		-5.664371	-60.763651	0.493636
1.055410		-6.502831	893.799103	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
143

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.664371	60.763651	-0.493636
-1.055410		4.040511	-590.702252	
0.25000		5.664371	60.763651	-0.493636
-1.055410		4.656091	-666.476465	
0.50000		5.664371	60.763651	-0.493636
-1.055410		5.271671	-742.250678	
0.75000		5.664371	60.763651	-0.493636
-1.055410		5.887251	-818.024890	
1.00000		5.664371	60.763651	-0.493636
-1.055410		6.502831	-893.799103	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.273230	60.763651	0.550737
4.706203		4.040511	644.177870	
0.25000		6.273230	60.763651	0.550737
4.706203		4.656091	690.676987	
0.50000		6.273230	60.763651	0.550737
4.706203		5.271671	742.250678	
0.75000		6.273230	60.763651	0.550737
4.706203		5.887251	818.024890	
1.00000		6.273230	60.763651	0.550737
4.706203		6.502831	893.799103	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.568727	-60.763651	-0.493636
-3.246038		-4.040511	-590.702252	
0.25000		-6.568727	-60.763651	-0.493636
-3.246038		-4.656091	-666.476465	
0.50000		-6.568727	-60.763651	-0.493636
-3.246038		-5.271671	-742.250678	
0.75000		-6.568727	-60.763651	-0.493636
-3.246038		-5.887251	-818.024890	
1.00000		-6.568727	-60.763651	-0.493636
-3.246038		-6.502831	-893.799103	

ELEM 43 ========== LENGTH = 4.987936

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.067040	-1.122294	-0.011820
-0.384510		0.025433	3.153746	
0.25000		0.067040	-1.122294	-0.011820
-0.384510		0.040172	4.553229	
0.50000		0.067040	-1.122294	-0.011820
-0.384510		0.054911	5.952711	
0.75000		0.067040	-1.122294	-0.011820
-0.384510		0.069650	7.352194	
1.00000		0.067040	-1.122294	-0.011820
-0.384510		0.084388	8.751677	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.237507	6.123753	0.045357
1.192496		0.045321	-16.787756	
0.25000		-0.237507	6.123753	0.045357
1.192496		-0.011239	-24.423978	
0.50000		-0.237507	6.123753	0.045357
1.192496		-0.067799	-32.060200	
0.75000		-0.237507	6.123753	0.045357
1.192496		-0.124359	-39.696422	
1.00000		-0.237507	6.123753	0.045357
1.192496		-0.180919	-47.332644	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.706625	-22.241525	-0.075544
-3.301548		-0.513427	60.471196	
0.25000		0.706625	-22.241525	-0.075544
-3.301548		-0.419225	88.206022	
0.50000		0.706625	-22.241525	-0.075544
-3.301548		-0.325023	115.940848	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
144

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.706625	-22.241525	-0.075544
-3.301548		-0.136821	143.675674	
1.00000		0.706625	-22.241525	-0.075544
-3.301548		-0.136619	171.410499	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.144939	41.709594	-0.107492
-1.493193		3.135816	-476.647156	
0.25000		0.144939	41.709594	-0.107492
-1.493193		3.269857	-528.658353	
0.50000		0.144939	41.709594	-0.107492
-1.493193		3.403897	-580.669550	
0.75000		0.144939	41.709594	-0.107492
-1.493193		3.537938	-632.680747	
1.00000		0.144939	41.709594	-0.107492
-1.493193		3.671979	-684.691943	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.867299	-35.807001	0.138745
3.836581		-4.972916	830.107088	
0.25000		-6.867299	-35.807001	0.138745
3.836581		-5.145930	874.757846	
0.50000		-6.867299	-35.807001	0.138745
3.836581		-5.318943	919.408603	
0.75000		-6.867299	-35.807001	0.138745
3.836581		-5.491956	964.059360	
1.00000		-6.867299	-35.807001	0.138745
3.836581		-5.664970	1008.710	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.186201	11.337473	0.010753
0.150174		2.279774	-400.297118	
0.25000		6.186201	11.337473	0.010753
0.150174		2.266366	-414.434765	
0.50000		6.186201	11.337473	0.010753
0.150174		2.252957	-428.572412	
0.75000		6.186201	11.337473	0.010753
0.150174		2.239549	-442.710060	
1.00000		6.186201	11.337473	0.010753
0.150174		2.226141	-456.847707	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.093634	-59.170819	0.051382
0.150522		-5.460910	893.732031	
0.25000		-6.093634	-59.170819	0.051382
0.150522		-5.524983	967.517097	
0.50000		-6.093634	-59.170819	0.051382
0.150522		-5.589055	1041.302	
0.75000		-6.093634	-59.170819	0.051382
0.150522		-5.653128	1115.087	
1.00000		-6.093634	-59.170819	0.051382
0.150522		-5.717200	1188.872	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.093634	59.170819	-0.051382
-0.150522		5.460910	-893.732031	
0.25000		6.093634	59.170819	-0.051382
-0.150522		5.524983	-967.517097	
0.50000		6.093634	59.170819	-0.051382
-0.150522		5.589055	-1041.302	
0.75000		6.093634	59.170819	-0.051382
-0.150522		5.653128	-1115.087	
1.00000		6.093634	59.170819	-0.051382
-0.150522		5.717200	-1188.872	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.186201	59.170819	0.138745
3.836581		5.460910	893.732031	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
145

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		6.186201	59.170819	0.138745
3.836581		5.524983	967.517097	
0.50000		6.186201	59.170819	0.138745
3.836581		5.589055	1041.302	
0.75000		6.186201	59.170819	0.138745
3.836581		5.653128	1115.087	
1.00000		6.186201	59.170819	0.138745
3.836581		5.717200	1188.872	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.867299	-59.170819	-0.107492
-3.301548		-5.460910	-893.732031	
0.25000		-6.867299	-59.170819	-0.107492
-3.301548		-5.524983	-967.517097	
0.50000		-6.867299	-59.170819	-0.107492
-3.301548		-5.589055	-1041.302	
0.75000		-6.867299	-59.170819	-0.107492
-3.301548		-5.653128	-1115.087	
1.00000		-6.867299	-59.170819	-0.107492
-3.301548		-5.717200	-1188.872	

ELEM 44 ========== LENGTH = 3.491148

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.059715	-1.124094	-0.007895
-0.344432		0.101811	8.752177	
0.25000		0.059715	-1.124094	-0.007895
-0.344432		0.108702	9.733272	
0.50000		0.059715	-1.124094	-0.007895
-0.344432		0.115592	10.714367	
0.75000		0.059715	-1.124094	-0.007895
-0.344432		0.122483	11.695462	
1.00000		0.059715	-1.124094	-0.007895
-0.344432		0.129373	12.676557	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.203709	6.089461	0.061246
1.108287		-0.260900	-47.332650	
0.25000		-0.203709	6.089461	0.061246
1.108287		-0.314355	-52.647453	
0.50000		-0.203709	6.089461	0.061246
1.108287		-0.367810	-57.962255	
0.75000		-0.203709	6.089461	0.061246
1.108287		-0.421265	-63.277058	
1.00000		-0.203709	6.089461	0.061246
1.108287		-0.474720	-68.591860	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.589913	-22.056905	-0.168811
-3.174664		0.140245	171.407255	
0.25000		0.589913	-22.056905	-0.168811
-3.174664		0.287581	190.658237	
0.50000		0.589913	-22.056905	-0.168811
-3.174664		0.434916	209.909220	
0.75000		0.589913	-22.056905	-0.168811
-3.174664		0.582252	229.160202	
1.00000		0.589913	-22.056905	-0.168811
-3.174664		0.729588	248.411185	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.582763	40.536327	0.615226
-0.521614		2.631594	-684.623057	
0.25000		0.582763	40.536327	0.615226
-0.521614		2.094632	-720.002641	
0.50000		0.582763	40.536327	0.615226
-0.521614		1.557670	-755.382224	
0.75000		0.582763	40.536327	0.615226
-0.521614		1.020709	-790.761807	
1.00000		0.582763	40.536327	0.615226
-0.521614		0.483747	-826.141390	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
146

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.067177	-33.823038	-0.977449
1.516507		-5.192358	1008.667	
0.25000		-7.067177	-33.823038	-0.977449
1.516507		-4.339254	1038.187	
0.50000		-7.067177	-33.823038	-0.977449
1.516507		-3.486149	1067.707	
0.75000		-7.067177	-33.823038	-0.977449
1.516507		-2.633045	1097.227	
1.00000		-7.067177	-33.823038	-0.977449
1.516507		-1.779940	1126.748	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.038495	10.378251	0.477682
1.415916		2.579810	-456.870734	
0.25000		6.038495	10.378251	0.477682
1.415916		2.162695	-465.928237	
0.50000		6.038495	10.378251	0.477682
1.415916		1.745780	-474.986240	
0.75000		6.038495	10.378251	0.477682
1.415916		1.328866	-484.044243	
1.00000		6.038495	10.378251	0.477682
1.415916		0.911951	-493.102246	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.417549	-57.004038	-1.154155
-2.002589		-4.950303	1188.826	
0.25000		-6.417549	-57.004038	-1.154155
-2.002589		-3.942972	1238.578	
0.50000		-6.417549	-57.004038	-1.154155
-2.002589		-2.935641	1288.331	
0.75000		-6.417549	-57.004038	-1.154155
-2.002589		-1.928309	1338.083	
1.00000		-6.417549	-57.004038	-1.154155
-2.002589		-0.920978	1387.835	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.417549	57.004038	1.154155
2.002589		4.950303	-1188.826	
0.25000		6.417549	57.004038	1.154155
2.002589		3.942972	-1238.578	
0.50000		6.417549	57.004038	1.154155
2.002589		2.935641	-1288.331	
0.75000		6.417549	57.004038	1.154155
2.002589		1.928309	-1338.083	
1.00000		6.417549	57.004038	1.154155
2.002589		0.920978	-1387.835	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.417549	57.004038	1.154155
2.002589		4.950303	1188.826	
0.25000		6.417549	57.004038	1.154155
2.002589		3.942972	1238.578	
0.50000		6.417549	57.004038	1.154155
2.002589		2.935641	1288.331	
0.75000		6.417549	57.004038	1.154155
2.002589		1.928309	1338.083	
1.00000		6.417549	57.004038	1.154155
2.002589		0.920978	1387.835	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.067177	-57.004038	-1.154155
-3.174664		-5.192358	-1188.826	
0.25000		-7.067177	-57.004038	-1.154155
-3.174664		-4.339254	-1238.578	
0.50000		-7.067177	-57.004038	-1.154155
-3.174664		-3.486149	-1288.331	
0.75000		-7.067177	-57.004038	-1.154155
-3.174664		-2.633045	-1338.083	
1.00000		-7.067177	-57.004038	-1.154155
-3.174664		-1.779940	-1387.835	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
147

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 45 ========== LENGTH = 3.491086

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.052609	0.264849	-0.002802
-0.280979		0.146047	12.676624	
0.25000		0.052609	0.264849	-0.002802
-0.280979		0.148492	12.445471	
0.50000		0.052609	0.264849	-0.002802
-0.280979		0.150938	12.214318	
0.75000		0.052609	0.264849	-0.002802
-0.280979		0.153383	11.983165	
1.00000		0.052609	0.264849	-0.002802
-0.280979		0.155828	11.752012	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.174797	-1.304307	-0.019195
1.065050		0.548372	-68.584605	
0.25000		-0.174797	-1.304307	-0.019195
1.065050		-0.531619	-67.455843	
0.50000		-0.174797	-1.304307	-0.019195
1.065050		-0.514866	-66.317482	
0.75000		-0.174797	-1.304307	-0.019195
1.065050		-0.498113	-65.179120	
1.00000		-0.174797	-1.304307	-0.019195
1.065050		-0.481361	-64.040758	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.492105	4.562921	0.081756
-3.293894		0.980683	248.418309	
0.25000		0.492105	4.562921	0.081756
-3.293894		0.909328	244.435921	
0.50000		0.492105	4.562921	0.081756
-3.293894		0.837974	240.453533	
0.75000		0.492105	4.562921	0.081756
-3.293894		0.766619	236.471145	
1.00000		0.492105	4.562921	0.081756
-3.293894		0.695265	232.488757	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.928994	-13.601096	-0.671707
3.445124		-0.460238	-826.156191	
0.25000		0.928994	-13.601096	-0.671707
3.445124		0.126009	-814.285541	
0.50000		0.928994	-13.601096	-0.671707
3.445124		0.712256	-802.414891	
0.75000		0.928994	-13.601096	-0.671707
3.445124		1.298503	-790.544240	
1.00000		0.928994	-13.601096	-0.671707
3.445124		1.884749	-778.673590	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.103378	17.763094	0.906792
-5.735082		-1.495168	1126.839	
0.25000		-7.103378	17.763094	0.906792
-5.735082		-2.766590	1111.336	
0.50000		-7.103378	17.763094	0.906792
-5.735082		-3.078012	1095.833	
0.75000		-7.103378	17.763094	0.906792
-5.735082		-3.869434	1080.330	
1.00000		-7.103378	17.763094	0.906792
-5.735082		-4.660856	1064.827	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.804467	-7.685462	-0.294844
4.799781		1.377048	-493.183687	
0.25000		5.804467	-7.685462	-0.294844
4.799781		1.634379	-486.476034	
0.50000		5.804467	-7.685462	-0.294844
4.799781		1.891711	-479.768381	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
148

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		5.804467	-7.685462	-0.294844
4.799781		2.149042	-473.060728	
1.00000		5.804467	-7.685462	-0.294844
4.799781		2.406374	-466.353075	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.558663	22.590864	0.985746
-9.309956		-0.368438	1387.934	
0.25000		-6.558663	22.590864	0.985746
-9.309956		-1.228769	1368.217	
0.50000		-6.558663	22.590864	0.985746
-9.309956		-2.089100	1348.501	
0.75000		-6.558663	22.590864	0.985746
-9.309956		-2.949431	1328.784	
1.00000		-6.558663	22.590864	0.985746
-9.309956		-3.809763	1309.067	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.558663	-22.590864	-0.985746
9.309956		0.368438	-1387.934	
0.25000		6.558663	-22.590864	-0.985746
9.309956		1.228769	-1368.217	
0.50000		6.558663	-22.590864	-0.985746
9.309956		2.089100	-1348.501	
0.75000		6.558663	-22.590864	-0.985746
9.309956		2.949431	-1328.784	
1.00000		6.558663	-22.590864	-0.985746
9.309956		3.809763	-1309.067	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.558663	22.590864	0.985746
9.309956		1.377048	1387.934	
0.25000		6.558663	22.590864	0.985746
9.309956		1.634379	1368.217	
0.50000		6.558663	22.590864	0.985746
9.309956		2.089100	1348.501	
0.75000		6.558663	22.590864	0.985746
9.309956		2.949431	1328.784	
1.00000		6.558663	22.590864	0.985746
9.309956		3.809763	1309.067	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.103378	-22.590864	-0.985746
-9.309956		-1.495168	-1387.934	
0.25000		-7.103378	-22.590864	-0.985746
-9.309956		-2.286590	-1368.217	
0.50000		-7.103378	-22.590864	-0.985746
-9.309956		-3.078012	-1348.501	
0.75000		-7.103378	-22.590864	-0.985746
-9.309956		-3.869434	-1328.784	
1.00000		-7.103378	-22.590864	-0.985746
-9.309956		-4.660856	-1309.067	

ELEM 46 ========== LENGTH = 4.987631

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.046769	0.256027	0.002278
-0.204325		0.169801	11.752231	
0.25000		0.046769	0.256027	0.002278
-0.204325		0.166960	11.432989	
0.50000		0.046769	0.256027	0.002278
-0.204325		0.164120	11.113748	
0.75000		0.046769	0.256027	0.002278
-0.204325		0.161279	10.794506	
1.00000		0.046769	0.256027	0.002278
-0.204325		0.158439	10.475265	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
149

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.150209	-1.317305	-0.009103
0.836748		-0.540081	-64.041437	
0.25000		-0.150209	-1.317305	-0.009103
0.836748		-0.528730	-62.398878	
0.50000		-0.150209	-1.317305	-0.009103
0.836748		-0.517380	-60.756320	
0.75000		-0.150209	-1.317305	-0.009103
0.836748		-0.506030	-59.113762	
1.00000		-0.150209	-1.317305	-0.009103
0.836748		-0.494680	-57.471204	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.410271	4.689966	0.009061
-2.710434		0.890622	232.490407	
0.25000		0.410271	4.689966	0.009061
-2.710434		0.879224	226.642453	
0.50000		0.410271	4.689966	0.009061
-2.710434		0.868027	220.794498	
0.75000		0.410271	4.689966	0.009061
-2.710434		0.856729	214.946543	
1.00000		0.410271	4.689966	0.009061
-2.710434		0.845432	209.098589	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.242144	-14.764826	-0.029215
3.882940		1.136642	-778.646388	
0.25000		1.242144	-14.764826	-0.029215
3.882940		1.173071	-760.236012	
0.50000		1.242144	-14.764826	-0.029215
3.882940		1.209499	-741.825636	
0.75000		1.242144	-14.764826	-0.029215
3.882940		1.245927	-723.415260	
1.00000		1.242144	-14.764826	-0.029215
3.882940		1.282355	-705.004885	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.129625	19.710854	-0.196662
-7.510272		-4.596092	1064.854	
0.25000		-7.129625	19.710854	-0.196662
-7.510272		-4.350873	1040.277	
0.50000		-7.129625	19.710854	-0.196662
-7.510272		-4.105654	1015.699	
0.75000		-7.129625	19.710854	-0.196662
-7.510272		-3.860435	991.121514	
1.00000		-7.129625	19.710854	-0.196662
-7.510272		-3.615215	966.543898	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.580650	-8.574715	0.223641
5.705343		2.939107	-466.409174	
0.25000		5.580650	-8.574715	0.223641
5.705343		2.660248	-455.717296	
0.50000		5.580650	-8.574715	0.223641
5.705343		2.381389	-445.025419	
0.75000		5.580650	-8.574715	0.223641
5.705343		2.102529	-434.333541	
1.00000		5.580650	-8.574715	0.223641
5.705343		1.823670	-423.641663	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.672585	24.656847	-0.185323
-10.425031		-3.535669	1309.097	
0.25000		-6.672585	24.656847	-0.185323
-10.425031		-3.304588	1278.352	
0.50000		-6.672585	24.656847	-0.185323
-10.425031		-3.073507	1247.607	
0.75000		-6.672585	24.656847	-0.185323
-10.425031		-2.842426	1216.863	
1.00000		-6.672585	24.656847	-0.185323
-10.425031		-2.611345	1186.118	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
150

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.672585	-24.656847	0.185323
10.425031		3.535669	-1309.097	
0.25000		6.672585	-24.656847	0.185323
10.425031		3.304588	-1278.352	
0.50000		6.672585	-24.656847	0.185323
10.425031		3.073507	-1247.607	
0.75000		6.672585	-24.656847	0.185323
10.425031		2.842426	-1216.863	
1.00000		6.672585	-24.656847	0.185323
10.425031		2.611345	-1186.118	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.672585	24.656847	0.223641
10.425031		3.535669	1309.097	
0.25000		6.672585	24.656847	0.223641
10.425031		3.304588	1278.352	
0.50000		6.672585	24.656847	0.223641
10.425031		3.073507	1247.607	
0.75000		6.672585	24.656847	0.223641
10.425031		2.842426	1216.863	
1.00000		6.672585	24.656847	0.223641
10.425031		2.611345	1186.118	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.129625	-24.656847	-0.196662
-10.425031		-4.596092	-1309.097	
0.25000		-7.129625	-24.656847	-0.196662
-10.425031		-4.350873	-1278.352	
0.50000		-7.129625	-24.656847	-0.196662
-10.425031		-4.105654	-1247.607	
0.75000		-7.129625	-24.656847	-0.196662
-10.425031		-3.860435	-1216.863	
1.00000		-7.129625	-24.656847	-0.196662
-10.425031		-3.615215	-1186.118	

ELEM 47 ========== LENGTH = 4.987712

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.042434	0.250119	0.004391
-0.137076		0.169016	10.475456	
0.25000		0.042434	0.250119	0.004391
-0.137076		0.163541	10.163576	
0.50000		0.042434	0.250119	0.004391
-0.137076		0.158065	9.851695	
0.75000		0.042434	0.250119	0.004391
-0.137076		0.152589	9.539814	
1.00000		0.042434	0.250119	0.004391
-0.137076		0.147114	9.227934	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.133988	-1.329074	-0.005892
0.614394		-0.534036	-57.472346	
0.25000		-0.133988	-1.329074	-0.005892
0.614394		-0.526690	-55.815087	
0.50000		-0.133988	-1.329074	-0.005892
0.614394		-0.519343	-54.157828	
0.75000		-0.133988	-1.329074	-0.005892
0.614394		-0.511996	-52.500568	
1.00000		-0.133988	-1.329074	-0.005892
0.614394		-0.504650	-50.843309	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.359622	4.785955	-0.014662
-2.076633		0.968009	209.102781	
0.25000		0.359622	4.785955	-0.014662
-2.076633		0.986291	203.135039	
0.50000		0.359622	4.785955	-0.014662
-2.076633		1.004573	197.167297	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
151

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.359622	4.785955	-0.014662
-2.076633		1.022855	191.199555	
1.00000		0.359622	4.785955	-0.014662
-2.076633		1.041137	185.231813	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.445936	-15.631075	0.227355
3.533412		0.791577	-704.993226	
0.25000		1.445936	-15.631075	0.227355
3.533412		0.508081	-685.502400	
0.50000		1.445936	-15.631075	0.227355
3.533412		0.224585	-666.011575	
0.75000		1.445936	-15.631075	0.227355
3.533412		-0.058910	-646.520749	
1.00000		1.445936	-15.631075	0.227355
3.533412		-0.342406	-627.029924	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.032876	21.172771	-0.629516
-7.938662		-3.854997	966.595235	
0.25000		-7.032876	21.172771	-0.629516
-7.938662		-3.070036	940.194313	
0.50000		-7.032876	21.172771	-0.629516
-7.938662		-2.285075	913.793391	
0.75000		-7.032876	21.172771	-0.629516
-7.938662		-1.500114	887.392469	
1.00000		-7.032876	21.172771	-0.629516
-7.938662		-0.715153	860.991547	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.318872	-9.248697	0.418323
6.004566		2.460432	-423.707900	
0.25000		5.318872	-9.248697	0.418323
6.004566		1.938813	-412.175440	
0.50000		5.318872	-9.248697	0.418323
6.004566		1.417195	-400.642980	
0.75000		5.318872	-9.248697	0.418323
6.004566		0.895576	-389.110520	
1.00000		5.318872	-9.248697	0.418323
6.004566		0.373958	-377.578060	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.630820	26.208846	-0.639786
-10.152372		-2.717972	1186.173	
0.25000		-6.630820	26.208846	-0.639786
-10.152372		-1.920205	1153.493	
0.50000		-6.630820	26.208846	-0.639786
-10.152372		-1.122437	1120.812	
0.75000		-6.630820	26.208846	-0.639786
-10.152372		-0.324669	1088.132	
1.00000		-6.630820	26.208846	-0.639786
-10.152372		0.473098	1055.451	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.630820	-26.208846	0.639786
10.152372		2.717972	-1186.173	
0.25000		6.630820	-26.208846	0.639786
10.152372		1.920205	-1153.493	
0.50000		6.630820	-26.208846	0.639786
10.152372		1.122437	-1120.812	
0.75000		6.630820	-26.208846	0.639786
10.152372		0.324669	-1088.132	
1.00000		6.630820	-26.208846	0.639786
10.152372		-0.473098	-1055.451	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.630820	26.208846	0.639786
10.152372		2.717972	1186.173	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
152

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		6.630820	26.208846	0.639786
10.152372		1.938813	1153.493	
0.50000		6.630820	26.208846	0.639786
10.152372		1.417195	1120.812	
0.75000		6.630820	26.208846	0.639786
10.152372		1.022855	1088.132	
1.00000		6.630820	26.208846	0.639786
10.152372		1.041137	1055.451	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.032876	-26.208846	-0.639786
-10.152372		-3.854997	-1186.173	
0.25000		-7.032876	-26.208846	-0.639786
-10.152372		-3.070036	-1153.493	
0.50000		-7.032876	-26.208846	-0.639786
-10.152372		-2.285075	-1120.812	
0.75000		-7.032876	-26.208846	-0.639786
-10.152372		-1.500114	-1088.132	
1.00000		-7.032876	-26.208846	-0.639786
-10.152372		-0.715153	-1055.451	

ELEM 48 ========== LENGTH = 4.988004

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.039155	0.247217	0.005123
-0.083305		0.155141	9.228009	
0.25000		0.039155	0.247217	0.005123
-0.083305		0.148753	8.919729	
0.50000		0.039155	0.247217	0.005123
-0.083305		0.142365	8.611449	
0.75000		0.039155	0.247217	0.005123
-0.083305		0.135976	8.303170	
1.00000		0.039155	0.247217	0.005123
-0.083305		0.129588	7.994890	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.124269	-1.339950	-0.008475
0.413509		-0.528284	-50.844467	
0.25000		-0.124269	-1.339950	-0.008475
0.413509		-0.517716	-49.173548	
0.50000		-0.124269	-1.339950	-0.008475
0.413509		-0.507147	-47.502630	
0.75000		-0.124269	-1.339950	-0.008475
0.413509		-0.496579	-45.831711	
1.00000		-0.124269	-1.339950	-0.008475
0.413509		-0.486011	-44.160792	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.333897	4.856600	-0.004588
-1.454539		1.103394	185.236901	
0.25000		0.333897	4.856600	-0.004588
-1.454539		1.109115	179.180717	
0.50000		0.333897	4.856600	-0.004588
-1.454539		1.114837	173.124533	
0.75000		0.333897	4.856600	-0.004588
-1.454539		1.120559	167.068348	
1.00000		0.333897	4.856600	-0.004588
-1.454539		1.126281	161.012164	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.563711	-16.207612	0.230306
2.489493		-0.623319	-627.027850	
0.25000		1.563711	-16.207612	0.230306
2.489493		-0.910511	-606.816943	
0.50000		1.563711	-16.207612	0.230306
2.489493		-1.197702	-586.606036	
0.75000		1.563711	-16.207612	0.230306
2.489493		-1.484894	-566.395130	
1.00000		1.563711	-16.207612	0.230306
2.489493		-1.772086	-546.184223	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
153

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.817144	22.150565	-0.652392
-7.077457		-1.245339	861.060363	
0.25000		-6.817144	22.150565	-0.652392
-7.077457		-0.431805	833.438588	
0.50000		-6.817144	22.150565	-0.652392
-7.077457		0.381728	805.816813	
0.75000		-6.817144	22.150565	-0.652392
-7.077457		1.195261	778.195038	
1.00000		-6.817144	22.150565	-0.652392
-7.077457		2.008794	750.573263	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.004650	-9.706820	0.430026
5.712299		1.138407	-377.552955	
0.25000		5.004650	-9.706820	0.430026
5.712299		0.602164	-365.548542	
0.50000		5.004650	-9.706820	0.430026
5.712299		0.065920	-353.444129	
0.75000		5.004650	-9.706820	0.430026
5.712299		-0.470323	-341.339715	
1.00000		5.004650	-9.706820	0.430026
5.712299		-1.006567	-329.235302	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.444092	27.254382	-0.651857
-8.615301		0.013196	1055.525	
0.25000		-6.444092	27.254382	-0.651857
-8.615301		0.826063	1021.539	
0.50000		-6.444092	27.254382	-0.651857
-8.615301		1.638930	987.552795	
0.75000		-6.444092	27.254382	-0.651857
-8.615301		2.451796	953.566556	
1.00000		-6.444092	27.254382	-0.651857
-8.615301		3.264663	919.580317	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.444092	-27.254382	0.651857
8.615301		-0.013196	-1055.525	
0.25000		6.444092	-27.254382	0.651857
8.615301		-0.826063	-1021.539	
0.50000		6.444092	-27.254382	0.651857
8.615301		-1.638930	-987.552795	
0.75000		6.444092	-27.254382	0.651857
8.615301		-2.451796	-953.566556	
1.00000		6.444092	-27.254382	0.651857
8.615301		-3.264663	-919.580317	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.444092	27.254382	0.651857
8.615301		1.138407	1055.525	
0.25000		6.444092	27.254382	0.651857
8.615301		1.109115	1021.539	
0.50000		6.444092	27.254382	0.651857
8.615301		1.638930	987.552795	
0.75000		6.444092	27.254382	0.651857
8.615301		2.451796	953.566556	
1.00000		6.444092	27.254382	0.651857
8.615301		3.264663	919.580317	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.817144	-27.254382	-0.652392
-8.615301		-1.245339	-1055.525	
0.25000		-6.817144	-27.254382	-0.652392
-8.615301		-0.91511	-1021.539	
0.50000		-6.817144	-27.254382	-0.652392
-8.615301		-1.638930	-987.552795	
0.75000		-6.817144	-27.254382	-0.652392
-8.615301		-2.451796	-953.566556	
1.00000		-6.817144	-27.254382	-0.652392
-8.615301		-3.264663	-919.580317	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
154

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 49 ========== LENGTH = 4.987426

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.036878	0.244714	0.004892
-0.039097		0.135196	7.994864	
0.25000		0.036878	0.244714	0.004892
-0.039097		0.129097	7.689741	
0.50000		0.036878	0.244714	0.004892
-0.039097		0.122997	7.384618	
0.75000		0.036878	0.244714	0.004892
-0.039097		0.116898	7.079495	
1.00000		0.036878	0.244714	0.004892
-0.039097		0.110799	6.774372	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.120638	-1.341445	-0.010048
0.227165		-0.496813	-44.141861	
0.25000		-0.120638	-1.341445	-0.010048
0.227165		-0.482484	-42.489271	
0.50000		-0.120638	-1.341445	-0.010048
0.227165		-0.469956	-40.816681	
0.75000		-0.120638	-1.341445	-0.010048
0.227165		-0.457427	-39.144091	
1.00000		-0.120638	-1.341445	-0.010048
0.227165		-0.444898	-37.471501	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.331426	4.879436	0.004958
-0.840697		1.132683	161.017523	
0.25000		0.331426	4.879436	0.004958
-0.840697		1.126501	154.933566	
0.50000		0.331426	4.879436	0.004958
-0.840697		1.120319	148.849609	
0.75000		0.331426	4.879436	0.004958
-0.840697		1.114137	142.765652	
1.00000		0.331426	4.879436	0.004958
-0.840697		1.107955	136.681695	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.602496	-16.482617	0.150223
0.883178		-1.862718	-546.187031	
0.25000		1.602496	-16.482617	0.150223
0.883178		-2.050024	-525.635572	
0.50000		1.602496	-16.482617	0.150223
0.883178		-2.237331	-505.084114	
0.75000		1.602496	-16.482617	0.150223
0.883178		-2.424638	-484.532656	
1.00000		1.602496	-16.482617	0.150223
0.883178		-2.611945	-463.981197	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.493918	22.648586	-0.517872
-5.144579		1.219553	750.650896	
0.25000		-6.493918	22.648586	-0.517872
-5.144579		1.962565	722.411360	
0.50000		-6.493918	22.648586	-0.517872
-5.144579		2.510976	694.171824	
0.75000		-6.493918	22.648586	-0.517872
-5.144579		3.156688	665.932288	
1.00000		-6.493918	22.648586	-0.517872
-5.144579		3.802400	637.692752	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.643755	-9.948673	0.367847
4.914030		-0.129701	-329.314392	
0.25000		4.643755	-9.948673	0.367847
4.914030		-0.588353	-316.900824	
0.50000		4.643755	-9.948673	0.367847
4.914030		-1.047006	-304.505256	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
155

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		4.643755	-9.948673	0.367847
4.914030		-1.505658	-292.100689	
1.00000		4.643755	-9.948673	0.367847
4.914030		-1.964311	-279.696121	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.125613	27.772736	-0.508022
-6.024373		2.487432	919.663283	
0.25000		-6.125613	27.772736	-0.508022
-6.024373		3.120862	885.034667	
0.50000		-6.125613	27.772736	-0.508022
-6.024373		3.754292	850.406051	
0.75000		-6.125613	27.772736	-0.508022
-6.024373		4.387723	815.777435	
1.00000		-6.125613	27.772736	-0.508022
-6.024373		5.021153	781.148819	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.125613	-27.772736	0.508022
6.024373		-2.487432	-919.663283	
0.25000		6.125613	-27.772736	0.508022
6.024373		-3.120862	-885.034667	
0.50000		6.125613	-27.772736	0.508022
6.024373		-3.754292	-850.406051	
0.75000		6.125613	-27.772736	0.508022
6.024373		-4.387723	-815.777435	
1.00000		6.125613	-27.772736	0.508022
6.024373		-5.021153	-781.148819	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		6.125613	27.772736	0.508022
6.024373		2.487432	919.663283	
0.25000		6.125613	27.772736	0.508022
6.024373		3.120862	885.034667	
0.50000		6.125613	27.772736	0.508022
6.024373		3.754292	850.406051	
0.75000		6.125613	27.772736	0.508022
6.024373		4.387723	815.777435	
1.00000		6.125613	27.772736	0.508022
6.024373		5.021153	781.148819	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.493918	-27.772736	-0.517872
-6.024373		-2.487432	-919.663283	
0.25000		-6.493918	-27.772736	-0.517872
-6.024373		-3.120862	-885.034667	
0.50000		-6.493918	-27.772736	-0.517872
-6.024373		-3.754292	-850.406051	
0.75000		-6.493918	-27.772736	-0.517872
-6.024373		-4.387723	-815.777435	
1.00000		-6.493918	-27.772736	-0.517872
-6.024373		-5.021153	-781.148819	

ELEM 50 ========== LENGTH = 4.986975

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035522	0.243200	0.002659
-0.006166		0.114173	6.774285	
0.25000		0.035522	0.243200	0.002659
-0.006166		0.110858	6.471077	
0.50000		0.035522	0.243200	0.002659
-0.006166		0.107543	6.167869	
0.75000		0.035522	0.243200	0.002659
-0.006166		0.104228	5.864661	
1.00000		0.035522	0.243200	0.002659
-0.006166		0.100914	5.561453	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
156

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.122491	-1.341523	-0.000883
0.078090		-0.440666	-37.472528	
0.25000		-0.122491	-1.341523	-0.000883
0.078090		-0.439566	-35.799993	
0.50000		-0.122491	-1.341523	-0.000883
0.078090		-0.438465	-34.127458	
0.75000		-0.122491	-1.341523	-0.000883
0.078090		-0.437364	-32.454923	
1.00000		-0.122491	-1.341523	-0.000883
0.078090		-0.436263	-30.782387	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.349790	4.889304	-0.024938
-0.334387		1.064128	136.687300	
0.25000		0.349790	4.889304	-0.024938
-0.334387		1.095220	130.591590	
0.50000		0.349790	4.889304	-0.024938
-0.334387		1.126311	124.495879	
0.75000		0.349790	4.889304	-0.024938
-0.334387		1.157402	118.400169	
1.00000		0.349790	4.889304	-0.024938
-0.334387		1.188493	112.304459	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.572181	-16.626984	0.049392
-0.824511		-2.536689	-463.995906	
0.25000		1.572181	-16.626984	0.049392
-0.824511		-2.598268	-443.256316	
0.50000		1.572181	-16.626984	0.049392
-0.824511		-2.659848	-422.526726	
0.75000		1.572181	-16.626984	0.049392
-0.824511		-2.721427	-401.797135	
1.00000		1.572181	-16.626984	0.049392
-0.824511		-2.783007	-381.067545	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.078774	22.928218	-0.271029
-2.830337		2.792676	637.773389	
0.25000		-6.078774	22.928218	-0.271029
-2.830337		3.130580	609.187774	
0.50000		-6.078774	22.928218	-0.271029
-2.830337		3.468484	580.602159	
0.75000		-6.078774	22.928218	-0.271029
-2.830337		3.806388	552.016544	
1.00000		-6.078774	22.928218	-0.271029
-2.830337		4.144292	523.430929	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.243773	-10.092215	0.244799
3.917312		-0.993622	-279.776538	
0.25000		4.243773	-10.092215	0.244799
3.917312		-1.298824	-267.194131	
0.50000		4.243773	-10.092215	0.244799
3.917312		-1.604026	-254.611723	
0.75000		4.243773	-10.092215	0.244799
3.917312		-1.909227	-242.029316	
1.00000		4.243773	-10.092215	0.244799
3.917312		-2.214429	-229.446908	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.693463	28.060722	-0.293308
-3.170890		3.970977	781.234973	
0.25000		-5.693463	28.060722	-0.293308
-3.170890		4.336658	746.250440	
0.50000		-5.693463	28.060722	-0.293308
-3.170890		4.702338	711.265907	
0.75000		-5.693463	28.060722	-0.293308
-3.170890		5.068018	676.281374	
1.00000		-5.693463	28.060722	-0.293308
-3.170890		5.433698	641.296841	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.693463	-28.060722	0.293308
3.170890		-3.970977	-781.234973	
0.25000		5.693463	-28.060722	0.293308
3.170890		-4.336658	-746.250440	
0.50000		5.693463	-28.060722	0.293308
3.170890		-4.702338	-711.265907	
0.75000		5.693463	-28.060722	0.293308
3.170890		-5.068018	-676.281374	
1.00000		5.693463	-28.060722	0.293308
3.170890		-5.433698	-641.296841	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.693463	28.060722	0.293308
3.917312		3.970977	781.234973	
0.25000		5.693463	28.060722	0.293308
3.917312		4.336658	746.250440	
0.50000		5.693463	28.060722	0.293308
3.917312		4.702338	711.265907	
0.75000		5.693463	28.060722	0.293308
3.917312		5.068018	676.281374	
1.00000		5.693463	28.060722	0.293308
3.917312		5.433698	641.296841	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.078774	-28.060722	-0.293308
-3.170890		-3.970977	-781.234973	
0.25000		-6.078774	-28.060722	-0.293308
-3.170890		-4.336658	-746.250440	
0.50000		-6.078774	-28.060722	-0.293308
-3.170890		-4.702338	-711.265907	
0.75000		-6.078774	-28.060722	-0.293308
-3.170890		-5.068018	-676.281374	
1.00000		-6.078774	-28.060722	-0.293308
-3.170890		-5.433698	-641.296841	

ELEM 51 ========== LENGTH = 4.987646

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.034933	0.242114	-0.003933
0.016123		0.102387	5.561342	
0.25000		0.034933	0.242114	-0.003933
0.016123		0.107291	5.259446	
0.50000		0.034933	0.242114	-0.003933
0.016123		0.112194	4.957551	
0.75000		0.034933	0.242114	-0.003933
0.016123		0.117098	4.655656	
1.00000		0.034933	0.242114	-0.003933
0.016123		0.122002	4.353760	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.128890	-1.340187	0.031907
-0.027654		-0.420859	-30.783455	
0.25000		-0.128890	-1.340187	0.031907
-0.027654		-0.460644	-29.112361	
0.50000		-0.128890	-1.340187	0.031907
-0.027654		-0.500429	-27.441267	
0.75000		-0.128890	-1.340187	0.031907
-0.027654		-0.540214	-25.770173	
1.00000		-0.128890	-1.340187	0.031907
-0.027654		-0.579999	-24.099079	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.385406	4.889794	-0.140384
0.031242		1.102338	112.310454	
0.25000		0.385406	4.889794	-0.140384
0.031242		1.277384	106.213313	
0.50000		0.385406	4.889794	-0.140384
0.031242		1.452430	100.116172	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.385406	4.889794	-0.140384
0.031242		1.627476	94.019031	
1.00000		0.385406	4.889794	-0.140384
0.031242		1.802522	87.921890	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.485213	-16.695773	-0.094590
-2.432131		-2.572371	-381.072088	
0.25000		1.485213	-16.695773	-0.094590
-2.432131		-2.454426	-360.253936	
0.50000		1.485213	-16.695773	-0.094590
-2.432131		-2.336480	-339.435784	
0.75000		1.485213	-16.695773	-0.094590
-2.432131		-2.218535	-318.617633	
1.00000		1.485213	-16.695773	-0.094590
-2.432131		-2.100590	-297.799481	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.588316	23.084913	0.232302
-0.442702		2.956819	523.510331	
0.25000		-5.588316	23.084913	0.232302
-0.442702		2.667159	494.725487	
0.50000		-5.588316	23.084913	0.232302
-0.442702		2.377500	465.940644	
0.75000		-5.588316	23.084913	0.232302
-0.442702		2.087840	437.155801	
1.00000		-5.588316	23.084913	0.232302
-0.442702		1.798181	408.370957	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.811654	-10.180862	-0.025302
2.855122		-1.168315	-229.526583	
0.25000		3.811654	-10.180862	-0.025302
2.855122		-1.136765	-216.831949	
0.50000		3.811654	-10.180862	-0.025302
2.855122		-1.105215	-204.137316	
0.75000		3.811654	-10.180862	-0.025302
2.855122		-1.073665	-191.442682	
1.00000		3.811654	-10.180862	-0.025302
2.855122		-1.042115	-178.748049	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.167977	28.216822	0.087985
-0.395337		4.161544	641.382126	
0.25000		-5.167977	28.216822	0.087985
-0.395337		4.051834	606.198246	
0.50000		-5.167977	28.216822	0.087985
-0.395337		3.942124	571.014367	
0.75000		-5.167977	28.216822	0.087985
-0.395337		3.832414	535.830487	
1.00000		-5.167977	28.216822	0.087985
-0.395337		3.722704	500.646608	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.167977	-28.216822	-0.087985
0.395337		-4.161544	-641.382126	
0.25000		5.167977	-28.216822	-0.087985
0.395337		-4.051834	-606.198246	
0.50000		5.167977	-28.216822	-0.087985
0.395337		-3.942124	-571.014367	
0.75000		5.167977	-28.216822	-0.087985
0.395337		-3.832414	-535.830487	
1.00000		5.167977	-28.216822	-0.087985
0.395337		-3.722704	-500.646608	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.167977	28.216822	0.232302
2.855122		4.161544	641.382126	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.167977	28.216822	0.232302
2.855122		4.051834	606.198246	
0.50000		5.167977	28.216822	0.232302
2.855122		3.942124	571.014367	
0.75000		5.167977	28.216822	0.232302
2.855122		3.832414	535.830487	
1.00000		5.167977	28.216822	0.232302
2.855122		3.722704	500.646608	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.588316	-28.216822	-0.140384
-2.432131		-4.161544	-641.382126	
0.25000		-5.588316	-28.216822	-0.140384
-2.432131		-4.051834	-606.198246	
0.50000		-5.588316	-28.216822	-0.140384
-2.432131		-3.942124	-571.014367	
0.75000		-5.588316	-28.216822	-0.140384
-2.432131		-3.832414	-535.830487	
1.00000		-5.588316	-28.216822	-0.140384
-2.432131		-3.722704	-500.646608	

ELEM 52 ========== LENGTH = 4.988329

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.034920	0.240995	-0.015961
0.026859		0.121986	4.353660	
0.25000		0.034920	0.240995	-0.015961
0.026859		0.141890	4.053119	
0.50000		0.034920	0.240995	-0.015961
0.026859		0.161795	3.752578	
0.75000		0.034920	0.240995	-0.015961
0.026859		0.181700	3.452037	
1.00000		0.034920	0.240995	-0.015961
0.026859		0.201605	3.151497	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.138712	-1.336679	0.094057
-0.079484		-0.555869	-24.100279	
0.25000		-0.138712	-1.336679	0.094057
-0.079484		-0.673165	-22.433330	
0.50000		-0.138712	-1.336679	0.094057
-0.079484		-0.790462	-20.766381	
0.75000		-0.138712	-1.336679	0.094057
-0.079484		-0.907758	-19.099432	
1.00000		-0.138712	-1.336679	0.094057
-0.079484		-1.025055	-17.432483	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.434042	4.880175	-0.361906
0.211374		1.683310	87.928495	
0.25000		0.434042	4.880175	-0.361906
0.211374		2.134637	81.842515	
0.50000		0.434042	4.880175	-0.361906
0.211374		2.585963	75.756535	
0.75000		0.434042	4.880175	-0.361906
0.211374		3.037290	69.670555	
1.00000		0.434042	4.880175	-0.361906
0.211374		3.488617	63.584575	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.353038	-16.723901	-0.304364
-3.770407		-1.782662	-297.803577	
0.25000		1.353038	-16.723901	-0.304364
-3.770407		-1.403096	-276.947497	
0.50000		1.353038	-16.723901	-0.304364
-3.770407		-1.023529	-256.091417	
0.75000		1.353038	-16.723901	-0.304364
-3.770407		-0.643963	-235.235337	
1.00000		1.353038	-16.723901	-0.304364
-3.770407		-0.264396	-214.379257	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.036612	23.179996	1.059837
1.814125		0.469796	408.447124	
0.25000		-5.036612	23.179996	1.059837
1.814125		-0.851908	379.539763	
0.50000		-5.036612	23.179996	1.059837
1.814125		-2.173612	350.632403	
0.75000		-5.036612	23.179996	1.059837
1.814125		-3.495316	321.725042	
1.00000		-5.036612	23.179996	1.059837
1.814125		-4.817021	292.817681	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.353323	-10.240586	-0.471663
1.797532		0.063433	-178.825423	
0.25000		3.353323	-10.240586	-0.471663
1.797532		0.651642	-166.054570	
0.50000		3.353323	-10.240586	-0.471663
1.797532		1.239844	-153.283718	
0.75000		3.353323	-10.240586	-0.471663
1.797532		1.828047	-140.512865	
1.00000		3.353323	-10.240586	-0.471663
1.797532		2.416250	-127.742013	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.567650	28.301166	0.681970
2.052359		2.275092	500.729279	
0.25000		-4.567650	28.301166	0.681970
2.052359		1.424619	465.435398	
0.50000		-4.567650	28.301166	0.681970
2.052359		0.574146	430.141516	
0.75000		-4.567650	28.301166	0.681970
2.052359		-0.276326	394.847635	
1.00000		-4.567650	28.301166	0.681970
2.052359		-1.126799	359.553753	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.567650	-28.301166	-0.681970
-2.052359		-2.275092	-500.729279	
0.25000		4.567650	-28.301166	-0.681970
-2.052359		-1.424619	-465.435398	
0.50000		4.567650	-28.301166	-0.681970
-2.052359		-0.574146	-430.141516	
0.75000		4.567650	-28.301166	-0.681970
-2.052359		0.276326	-394.847635	
1.00000		4.567650	-28.301166	-0.681970
-2.052359		1.126799	-359.553753	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.567650	28.301166	1.059837
2.052359		2.275092	500.729279	
0.25000		4.567650	28.301166	1.059837
2.052359		2.134637	465.435398	
0.50000		4.567650	28.301166	1.059837
2.052359		2.585963	430.141516	
0.75000		4.567650	28.301166	1.059837
2.052359		3.037290	394.847635	
1.00000		4.567650	28.301166	1.059837
2.052359		3.488617	359.553753	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.036612	-28.301166	-0.681970
-3.770407		-2.275092	-500.729279	
0.25000		-5.036612	-28.301166	-0.681970
-3.770407		-1.424619	-465.435398	
0.50000		-5.036612	-28.301166	-0.681970
-3.770407		-2.173612	-430.141516	
0.75000		-5.036612	-28.301166	-0.681970
-3.770407		-3.495316	-394.847635	
1.00000		-5.036612	-28.301166	-0.681970
-3.770407		-4.817021	-359.553753	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 53 ========== LENGTH = 4.987261

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035224	0.240409	-0.025624
0.022344		0.200702	3.151421	
0.25000		0.035224	0.240409	-0.025624
0.022344		0.232651	2.851676	
0.50000		0.035224	0.240409	-0.025624
0.022344		0.264599	2.551931	
0.75000		0.035224	0.240409	-0.025624
0.022344		0.296548	2.252186	
1.00000		0.035224	0.240409	-0.025624
0.022344		0.328497	1.952441	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.150446	-1.334452	0.144417
-0.056691		-1.433660	-17.434872	
0.25000		-0.150446	-1.334452	0.144417
-0.056691		-1.175722	-15.770057	
0.50000		-0.150446	-1.334452	0.144417
-0.056691		-1.355784	-14.106241	
0.75000		-0.150446	-1.334452	0.144417
-0.056691		-1.535846	-12.442426	
1.00000		-0.150446	-1.334452	0.144417
-0.056691		-1.715907	-10.778610	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.490047	4.873362	-0.542022
0.130367		3.349286	63.591958	
0.25000		0.490047	4.873362	-0.542022
0.130367		4.025088	57.515776	
0.50000		0.490047	4.873362	-0.542022
0.130367		4.700890	51.439594	
0.75000		0.490047	4.873362	-0.542022
0.130367		5.376691	45.363413	
1.00000		0.490047	4.873362	-0.542022
0.130367		6.052493	39.287231	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.185598	-16.782519	-0.473667
-4.781255		0.136416	-214.381558	
0.25000		1.185598	-16.782519	-0.473667
-4.781255		0.726991	-193.456859	
0.50000		1.185598	-16.782519	-0.473667
-4.781255		1.317567	-172.532160	
0.75000		1.185598	-16.782519	-0.473667
-4.781255		1.908143	-151.607461	
1.00000		1.185598	-16.782519	-0.473667
-4.781255		2.498718	-130.682763	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.433193	23.285835	1.727783
4.111105		-6.261780	292.889327	
0.25000		-4.433193	23.285835	1.727783
4.111105		-8.416006	263.856195	
0.50000		-4.433193	23.285835	1.727783
4.111105		-10.570233	234.823063	
0.75000		-4.433193	23.285835	1.727783
4.111105		-12.724459	205.789931	
1.00000		-4.433193	23.285835	1.727783
4.111105		-14.878686	176.756799	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.872771	-10.282635	-0.830887
0.574130		3.571036	-127.817276	
0.25000		2.872771	-10.282635	-0.830887
0.574130		4.606998	-114.696732	
0.50000		2.872771	-10.282635	-0.830887
0.574130		5.642960	-102.176187	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		2.872771	-10.282635	-0.830887
0.574130		6.678923	-89.355642	
1.00000		2.872771	-10.282635	-0.830887
0.574130		7.714885	-76.535097	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.907922	28.399606	1.160137
4.263816		-2.711792	359.632707	
0.25000		-3.907922	28.399606	1.160137
4.263816		-4.158268	324.223647	
0.50000		-3.907922	28.399606	1.160137
4.263816		-5.604744	288.814588	
0.75000		-3.907922	28.399606	1.160137
4.263816		-7.051220	253.405529	
1.00000		-3.907922	28.399606	1.160137
4.263816		-8.497696	217.996470	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.907922	-28.399606	-1.160137
-4.263816		2.711792	-359.632707	
0.25000		3.907922	-28.399606	-1.160137
-4.263816		4.158268	-324.223647	
0.50000		3.907922	-28.399606	-1.160137
-4.263816		5.604744	-288.814588	
0.75000		3.907922	-28.399606	-1.160137
-4.263816		7.051220	-253.405529	
1.00000		3.907922	-28.399606	-1.160137
-4.263816		8.497696	-217.996470	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.907922	28.399606	1.727783
4.263816		3.571036	359.632707	
0.25000		3.907922	28.399606	1.727783
4.263816		4.606998	324.223647	
0.50000		3.907922	28.399606	1.727783
4.263816		5.642960	288.814588	
0.75000		3.907922	28.399606	1.727783
4.263816		7.051220	253.405529	
1.00000		3.907922	28.399606	1.727783
4.263816		8.497696	217.996470	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.433193	-28.399606	-1.160137
-4.781255		-6.261780	-359.632707	
0.25000		-4.433193	-28.399606	-1.160137
-4.781255		-8.416006	-324.223647	
0.50000		-4.433193	-28.399606	-1.160137
-4.781255		-10.570233	-288.814588	
0.75000		-4.433193	-28.399606	-1.160137
-4.781255		-12.724459	-253.405529	
1.00000		-4.433193	-28.399606	-1.160137
-4.781255		-14.878686	-217.996470	

ELEM 54 ========== LENGTH = 4.987313

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035584	0.241616	-0.001637
-0.012649		0.327510	1.952479	
0.25000		0.035584	0.241616	-0.001637
-0.012649		0.329551	1.651225	
0.50000		0.035584	0.241616	-0.001637
-0.012649		0.331592	1.349971	
0.75000		0.035584	0.241616	-0.001637
-0.012649		0.333632	1.048716	
1.00000		0.035584	0.241616	-0.001637
-0.012649		0.335673	0.747462	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.162558	-1.339894	0.019269
0.120437		-1.685834	-10.780589	
0.25000		-0.162558	-1.339894	0.019269
0.120437		-1.709859	-9.109972	
0.50000		-0.162558	-1.339894	0.019269
0.120437		-1.733884	-7.439355	
0.75000		-0.162558	-1.339894	0.019269
0.120437		-1.757910	-5.768738	
1.00000		-0.162558	-1.339894	0.019269
0.120437		-1.781935	-4.098121	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.547625	4.891697	-0.094861
-0.496425		5.910125	39.296741	
0.25000		0.547625	4.891697	-0.094861
-0.496425		6.028400	33.197535	
0.50000		0.547625	4.891697	-0.094861
-0.496425		6.146676	27.098330	
0.75000		0.547625	4.891697	-0.094861
-0.496425		6.264951	20.999124	
1.00000		0.547625	4.891697	-0.094861
-0.496425		6.383227	14.900318	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.991867	-16.857328	-0.126417
-5.501166		2.964807	-130.684719	
0.25000		0.991867	-16.857328	-0.126417
-5.501166		3.122428	-109.666526	
0.50000		0.991867	-16.857328	-0.126417
-5.501166		3.280048	-88.648333	
0.75000		0.991867	-16.857328	-0.126417
-5.501166		3.437669	-67.630141	
1.00000		0.991867	-16.857328	-0.126417
-5.501166		3.595290	-46.611948	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.787531	23.304247	0.211005
7.168116		-16.432351	176.821184	
0.25000		-3.787531	23.304247	0.211005
7.168116		-16.695438	147.764791	
0.50000		-3.787531	23.304247	0.211005
7.168116		-16.958525	118.708399	
0.75000		-3.787531	23.304247	0.211005
7.168116		-17.221612	89.652006	
1.00000		-3.787531	23.304247	0.211005
7.168116		-17.484699	60.595613	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.375014	-10.240338	-0.007359
-1.278313		8.915743	-76.605096	
0.25000		2.375014	-10.240338	-0.007359
-1.278313		8.924918	-63.837153	
0.50000		2.375014	-10.240338	-0.007359
-1.278313		8.934094	-51.069210	
0.75000		2.375014	-10.240338	-0.007359
-1.278313		8.943269	-38.301267	
1.00000		2.375014	-10.240338	-0.007359
-1.278313		8.952445	-25.533324	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.204323	28.437560	0.114507
6.659041		-10.194716	218.070404	
0.25000		-3.204323	28.437560	0.114507
6.659041		-10.337487	182.613652	
0.50000		-3.204323	28.437560	0.114507
6.659041		-10.480258	147.156899	
0.75000		-3.204323	28.437560	0.114507
6.659041		-10.623029	111.700146	
1.00000		-3.204323	28.437560	0.114507
6.659041		-10.765800	76.243393	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
164

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.204323	-28.437560	-0.114507
-6.659041		10.194716	-218.070404	
0.25000		3.204323	-28.437560	-0.114507
-6.659041		10.337487	-182.613652	
0.50000		3.204323	-28.437560	-0.114507
-6.659041		10.480258	-147.156899	
0.75000		3.204323	-28.437560	-0.114507
-6.659041		10.623029	-111.700146	
1.00000		3.204323	-28.437560	-0.114507
-6.659041		10.765800	-76.243393	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.204323	28.437560	0.211005
7.168116		10.194716	218.070404	
0.25000		3.204323	28.437560	0.211005
7.168116		10.337487	182.613652	
0.50000		3.204323	28.437560	0.211005
7.168116		10.480258	147.156899	
0.75000		3.204323	28.437560	0.211005
7.168116		10.623029	111.700146	
1.00000		3.204323	28.437560	0.211005
7.168116		10.765800	76.243393	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.787531	-28.437560	-0.126417
-6.659041		-16.432351	-218.070404	
0.25000		-3.787531	-28.437560	-0.126417
-6.659041		-16.695438	-182.613652	
0.50000		-3.787531	-28.437560	-0.126417
-6.659041		-16.956525	-147.156899	
0.75000		-3.787531	-28.437560	-0.126417
-6.659041		-17.221612	-111.700146	
1.00000		-3.787531	-28.437560	-0.126417
-6.659041		-17.484699	-76.243393	

ELEM 55 ========== LENGTH = 2.768596

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035958	0.255773	0.121039
-0.131389		0.035179	0.147696	
0.25000		0.035958	0.255773	0.121039
-0.131389		0.251403	0.570663	
0.50000		0.035958	0.255773	0.121039
-0.131389		0.167626	0.393629	
0.75000		0.035958	0.255773	0.121039
-0.131389		0.083849	0.216596	
1.00000		0.035958	0.255773	0.121039
-0.131389		7.23E-05	0.039563	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.176446	-1.407832	-0.623678
0.720536		-1.751265	-4.101202	
0.25000		-0.176446	-1.407832	-0.623678
0.720536		-1.319587	-3.126773	
0.50000		-0.176446	-1.407832	-0.623678
0.720536		-0.887909	-2.152343	
0.75000		-0.176446	-1.407832	-0.623678
0.720536		-0.456230	-1.177913	
1.00000		-0.176446	-1.407832	-0.623678
0.720536		-0.024552	-0.203483	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.613989	5.125993	2.207784
-2.615139		6.234189	14.913909	
0.25000		0.613989	5.125993	2.207784
-2.615139		4.706073	11.365958	
0.50000		0.613989	5.125993	2.207784
-2.615139		3.177958	7.818007	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
165

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.613989	5.125993	2.207784
-2.615139		1.649542	4.270056	
1.00000		0.613989	5.125993	2.207784
-2.615139		0.121727	0.722105	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.748582	-17.064550	1.689542
-5.813804		4.170424	-46.624881	
0.25000		0.748582	-17.064550	1.689542
-5.813804		3.001009	-34.813669	
0.50000		0.748582	-17.064550	1.689542
-5.813804		1.831595	-23.002458	
0.75000		0.748582	-17.064550	1.689542
-5.813804		0.662180	-11.191246	
1.00000		0.748582	-17.064550	1.689542
-5.813804		-0.507235	0.619966	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.006041	22.875729	-7.574797
13.233512		-19.339781	60.671169	
0.25000		-3.006041	22.875729	-7.574797
13.233512		-14.096893	44.837755	
0.50000		-3.006041	22.875729	-7.574797
13.233512		-8.854004	29.004340	
0.75000		-3.006041	22.875729	-7.574797
13.233512		-3.611116	13.170926	
1.00000		-3.006041	22.875729	-7.574797
13.233512		1.631773	-2.662488	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.783959	-9.785114	4.180111
-5.393716		10.351254	-25.606691	
0.25000		1.783959	-9.785114	4.180111
-5.393716		7.457994	-18.833934	
0.50000		1.783959	-9.785114	4.180111
-5.393716		4.564734	-12.061177	
0.75000		1.783959	-9.785114	4.180111
-5.393716		1.671474	-5.288419	
1.00000		1.783959	-9.785114	4.180111
-5.393716		-1.221786	1.484338	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.356094	28.257496	-5.245975
10.486985		-12.770413	76.332774	
0.25000		-2.356094	28.257496	-5.245975
10.486985		-9.139417	56.774376	
0.50000		-2.356094	28.257496	-5.245975
10.486985		-5.508421	37.215977	
0.75000		-2.356094	28.257496	-5.245975
10.486985		-1.877424	17.657578	
1.00000		-2.356094	28.257496	-5.245975
10.486985		1.753572	-1.900821	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.356094	-28.257496	5.245975
-10.486985		12.770413	-76.332774	
0.25000		2.356094	-28.257496	5.245975
-10.486985		9.139417	-56.774376	
0.50000		2.356094	-28.257496	5.245975
-10.486985		5.508421	-37.215977	
0.75000		2.356094	-28.257496	5.245975
-10.486985		1.877424	-17.657578	
1.00000		2.356094	-28.257496	5.245975
-10.486985		-1.753572	1.900821	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.356094	28.257496	5.245975
13.233512		12.770413	76.332774	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
166

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		2.356094	28.257496	5.245975
13.233512		9.139417	56.774376	
0.50000		2.356094	28.257496	5.245975
13.233512		5.508421	37.215977	
0.75000		2.356094	28.257496	5.245975
13.233512		1.877424	17.657578	
1.00000		2.356094	28.257496	5.245975
13.233512		1.753572	1.900821	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.006041	-28.257496	-7.574797
-10.486985		-19.339781	-76.332774	
0.25000		-3.006041	-28.257496	-7.574797
-10.486985		-14.096893	-56.774376	
0.50000		-3.006041	-28.257496	-7.574797
-10.486985		-8.854004	-37.215977	
0.75000		-3.006041	-28.257496	-7.574797
-10.486985		-3.611116	-17.657578	
1.00000		-3.006041	-28.257496	-7.574797
-10.486985		-1.753572	-2.662488	

ELEM 56 ========== LENGTH = 2.751480

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.359677	10.603245	1.420058
-5.916431		-2.275067	-0.275218	
0.25000		-0.359677	10.603245	1.420058
-5.916431		-3.251882	-7.568872	
0.50000		-0.359677	10.603245	1.420058
-5.916431		-4.228697	-14.862526	
0.75000		-0.359677	10.603245	1.420058
-5.916431		-5.205512	-22.156180	
1.00000		-0.359677	10.603245	1.420058
-5.916431		-6.182327	-29.449834	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.507785	-23.869807	-1.959409
4.201591		3.178540	0.376807	
0.25000		0.507785	-23.869807	-1.959409
4.201591		4.526359	16.796131	
0.50000		0.507785	-23.869807	-1.959409
4.201591		5.874177	33.215455	
0.75000		0.507785	-23.869807	-1.959409
4.201591		7.221996	49.634778	
1.00000		0.507785	-23.869807	-1.959409
4.201591		8.569815	66.054102	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.059510	17.028235	-0.427140
4.848205		-1.178717	0.164423	
0.25000		0.059510	17.028235	-0.427140
4.848205		-0.884900	-11.548790	
0.50000		0.059510	17.028235	-0.427140
4.848205		-0.591084	-23.262002	
0.75000		0.059510	17.028235	-0.427140
4.848205		-0.297267	-34.975214	
1.00000		0.059510	17.028235	-0.427140
4.848205		-0.003451	-46.688426	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.072694	-5.047565	-0.282714
-0.957887		0.260987	0.061858	
0.25000		0.072694	-5.047565	-0.282714
-0.957887		0.455458	3.533927	
0.50000		0.072694	-5.047565	-0.282714
-0.957887		0.649929	7.005995	
0.75000		0.072694	-5.047565	-0.282714
-0.957887		0.844399	10.478063	
1.00000		0.072694	-5.047565	-0.282714
-0.957887		1.038870	13.950131	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
167

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.341564	1.567598	1.523276
-2.651958		0.017574	-0.399719	
0.25000		-0.341564	1.567598	1.523276
-2.651958		-1.030241	-1.478023	
0.50000		-0.341564	1.567598	1.523276
-2.651958		-2.078057	-2.556326	
0.75000		-0.341564	1.567598	1.523276
-2.651958		-3.125873	-3.634630	
1.00000		-0.341564	1.567598	1.523276
-2.651958		-4.173688	-4.712933	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.061252	-0.281706	-0.274070
0.476481		-0.000318	0.071850	
0.25000		0.061252	-0.281706	-0.274070
0.476481		0.185207	0.265627	
0.50000		0.061252	-0.281706	-0.274070
0.476481		0.373732	0.459405	
0.75000		0.061252	-0.281706	-0.274070
0.476481		0.562257	0.653182	
1.00000		0.061252	-0.281706	-0.274070
0.476481		0.750782	0.846960	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.641731	29.199078	2.516194
-3.720185		-3.436210	-0.510515	
0.25000		-0.641731	29.199078	2.516194
-3.720185		-5.167024	-20.595684	
0.50000		-0.641731	29.199078	2.516194
-3.720185		-6.897838	-40.680854	
0.75000		-0.641731	29.199078	2.516194
-3.720185		-8.628652	-60.766024	
1.00000		-0.641731	29.199078	2.516194
-3.720185		-10.359466	-80.851193	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.641731	-29.199078	-2.516194
3.720185		3.436210	0.510515	
0.25000		0.641731	-29.199078	-2.516194
3.720185		5.167024	20.595684	
0.50000		0.641731	-29.199078	-2.516194
3.720185		6.897838	40.680854	
0.75000		0.641731	-29.199078	-2.516194
3.720185		8.628652	60.766024	
1.00000		0.641731	-29.199078	-2.516194
3.720185		10.359466	80.851193	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.641731	29.199078	2.516194
4.848205		3.436210	0.510515	
0.25000		0.641731	29.199078	2.516194
4.848205		5.167024	20.595684	
0.50000		0.641731	29.199078	2.516194
4.848205		6.897838	40.680854	
0.75000		0.641731	29.199078	2.516194
4.848205		8.628652	60.766024	
1.00000		0.641731	29.199078	2.516194
4.848205		10.359466	80.851193	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.641731	-29.199078	-2.516194
-5.916431		-3.436210	-0.510515	
0.25000		-0.641731	-29.199078	-2.516194
-5.916431		-5.167024	-20.595684	
0.50000		-0.641731	-29.199078	-2.516194
-5.916431		-6.897838	-40.680854	
0.75000		-0.641731	-29.199078	-2.516194
-5.916431		-8.628652	-60.766024	
1.00000		-0.641731	-29.199078	-2.516194
-5.916431		-10.359466	-80.851193	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
168

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 57 ========== LENGTH = 4.958041

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.337623	10.237474	-0.847625
-5.588270		-8.827959	-29.268451	
0.25000		-0.337623	10.237474	-0.847625
-5.588270		-7.777319	-41.957904	
0.50000		-0.337623	10.237474	-0.847625
-5.588270		-6.726679	-54.647357	
0.75000		-0.337623	10.237474	-0.847625
-5.588270		-5.676039	-67.336810	
1.00000		-0.337623	10.237474	-0.847625
-5.588270		-4.625400	-80.026263	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.497385	-23.383270	1.138002
2.712725		12.228223	65.819927	
0.25000		0.497385	-23.383270	1.138002
2.712725		10.847858	94.803728	
0.50000		0.497385	-23.383270	1.138002
2.712725		9.437294	123.787530	
0.75000		0.497385	-23.383270	1.138002
2.712725		8.026729	152.771331	
1.00000		0.497385	-23.383270	1.138002
2.712725		6.616165	181.755132	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.021706	17.094332	-0.212257
5.544662		-1.356112	-46.628299	
0.25000		0.021706	17.094332	-0.212257
5.544662		-1.093016	-67.816899	
0.50000		0.021706	17.094332	-0.212257
5.544662		-0.829921	-89.005498	
0.75000		0.021706	17.094332	-0.212257
5.544662		-0.566826	-110.194097	
1.00000		0.021706	17.094332	-0.212257
5.544662		-0.303730	-131.382697	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.077330	-4.993509	0.090844
-1.598795		1.340061	13.937503	
0.25000		0.077330	-4.993509	0.090844
-1.598795		1.227458	20.127099	
0.50000		0.077330	-4.993509	0.090844
-1.598795		1.114856	26.316514	
0.75000		0.077330	-4.993509	0.090844
-1.598795		1.002253	32.506020	
1.00000		0.077330	-4.993509	0.090844
-1.598795		0.889650	38.695525	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.315133	1.273997	-0.205396
-1.304691		-4.163111	-4.706493	
0.25000		-0.315133	1.273997	-0.205396
-1.304691		-3.908621	-6.285525	
0.50000		-0.315133	1.273997	-0.205396
-1.304691		-3.653930	-7.864757	
0.75000		-0.315133	1.273997	-0.205396
-1.304691		-3.399339	-9.443889	
1.00000		-0.315133	1.273997	-0.205396
-1.304691		-3.144749	-11.023021	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.056335	-0.229024	0.036433
0.234369		0.748698	0.845814	
0.25000		0.056335	-0.229024	0.036433
0.234369		0.703539	1.129691	
0.50000		0.056335	-0.229024	0.036433
0.234369		0.658381	1.413569	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
169

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.056335	-0.229024	0.036433
0.234369		0.613222	1.697446	
1.00000		0.056335	-0.229024	0.036433
0.234369		0.568063	1.981324	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.631051	28.605803	-1.265279
-1.348299		-14.347182	-80.603244	
0.25000		-0.631051	28.605803	-1.265279
-1.348299		-12.778856	-116.060428	
0.50000		-0.631051	28.605803	-1.265279
-1.348299		-11.210530	-151.517612	
0.75000		-0.631051	28.605803	-1.265279
-1.348299		-9.642204	-186.974797	
1.00000		-0.631051	28.605803	-1.265279
-1.348299		-8.073879	-222.431981	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.631051	-28.605803	1.265279
1.348299		14.347182	80.603244	
0.25000		0.631051	-28.605803	1.265279
1.348299		12.778856	116.060428	
0.50000		0.631051	-28.605803	1.265279
1.348299		11.210530	151.517612	
0.75000		0.631051	-28.605803	1.265279
1.348299		9.642204	186.974797	
1.00000		0.631051	-28.605803	1.265279
1.348299		8.073879	222.431981	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.631051	28.605803	1.265279
5.544662		14.347182	80.603244	
0.25000		0.631051	28.605803	1.265279
5.544662		12.778856	116.060428	
0.50000		0.631051	28.605803	1.265279
5.544662		11.210530	151.517612	
0.75000		0.631051	28.605803	1.265279
5.544662		9.642204	186.974797	
1.00000		0.631051	28.605803	1.265279
5.544662		8.073879	222.431981	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.631051	-28.605803	-1.265279
-5.588270		-14.347182	-80.603244	
0.25000		-0.631051	-28.605803	-1.265279
-5.588270		-12.778856	-116.060428	
0.50000		-0.631051	-28.605803	-1.265279
-5.588270		-11.210530	-151.517612	
0.75000		-0.631051	-28.605803	-1.265279
-5.588270		-9.642204	-186.974797	
1.00000		-0.631051	-28.605803	-1.265279
-5.588270		-8.073879	-222.431981	

ELEM 58 ========== LENGTH = 4.957991

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.322922	10.292021	-1.005797
-5.297524		-6.992903	-79.956510	
0.25000		-0.322922	10.292021	-1.005797
-5.297524		-5.746221	-92.613446	
0.50000		-0.322922	10.292021	-1.005797
-5.297524		-4.499538	-105.370383	
0.75000		-0.322922	10.292021	-1.005797
-5.297524		-3.252856	-118.127319	
1.00000		-0.322922	10.292021	-1.005797
-5.297524		-2.006173	-130.884255	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
170

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.494609	-23.486862	1.346301
2.738668		9.876519	181.545576	
0.25000		0.494609	-23.486862	1.346301
2.738668		8.207782	210.657487	
0.50000		0.494609	-23.486862	1.346301
2.738668		6.539044	239.769399	
0.75000		0.494609	-23.486862	1.346301
2.738668		4.870307	268.881310	
1.00000		0.494609	-23.486862	1.346301
2.738668		3.201569	297.993222	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.010903	17.142813	-0.136244
4.586274		-1.445981	-131.339829	
0.25000		-0.010903	17.142813	-0.136244
4.586274		-1.277107	-152.588306	
0.50000		-0.010903	17.142813	-0.136244
4.586274		-1.108233	-173.836784	
0.75000		-0.010903	17.142813	-0.136244
4.586274		-0.939358	-195.085261	
1.00000		-0.010903	17.142813	-0.136244
4.586274		-0.770484	-216.333738	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.082152	-5.012991	0.119045
-1.532117		1.144082	38.688201	
0.25000		0.082152	-5.012991	0.119045
-1.532117		0.996527	44.901792	
0.50000		0.082152	-5.012991	0.119045
-1.532117		0.848971	51.115383	
0.75000		0.082152	-5.012991	0.119045
-1.532117		0.701416	57.328974	
1.00000		0.082152	-5.012991	0.119045
-1.532117		0.553861	63.542566	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.295618	1.298435	-0.393537
-0.603783		-3.150693	-11.017840	
0.25000		-0.295618	1.298435	-0.393537
-0.603783		-2.662905	-12.627247	
0.50000		-0.295618	1.298435	-0.393537
-0.603783		-2.175117	-14.236654	
0.75000		-0.295618	1.298435	-0.393537
-0.603783		-1.687328	-15.846060	
1.00000		-0.295618	1.298435	-0.393537
-0.603783		-1.199540	-17.455467	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.052682	-0.233415	0.070232
0.108483		0.568977	1.980402	
0.25000		0.052682	-0.233415	0.070232
0.108483		0.481924	2.269720	
0.50000		0.052682	-0.233415	0.070232
0.108483		0.394872	2.559038	
0.75000		0.052682	-0.233415	0.070232
0.108483		0.307819	2.848356	
1.00000		0.052682	-0.233415	0.070232
0.108483		0.220767	3.137673	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.629443	28.733269	-1.535578
-1.315033		-11.589578	-222.214179	
0.25000		-0.629443	28.733269	-1.535578
-1.315033		-9.686233	-257.828999	
0.50000		-0.629443	28.733269	-1.535578
-1.315033		-7.782887	-293.443820	
0.75000		-0.629443	28.733269	-1.535578
-1.315033		-5.879542	-329.058640	
1.00000		-0.629443	28.733269	-1.535578
-1.315033		-3.976197	-364.673461	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
171

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.629443	-28.733269	1.535578
1.315033		11.589578	222.214179	
0.25000		0.629443	-28.733269	1.535578
1.315033		9.686233	257.828999	
0.50000		0.629443	-28.733269	1.535578
1.315033		7.782887	293.443820	
0.75000		0.629443	-28.733269	1.535578
1.315033		5.879542	329.058640	
1.00000		0.629443	-28.733269	1.535578
1.315033		3.976197	364.673461	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.629443	28.733269	1.535578
4.586274		11.589578	222.214179	
0.25000		0.629443	28.733269	1.535578
4.586274		9.686233	257.828999	
0.50000		0.629443	28.733269	1.535578
4.586274		7.782887	293.443820	
0.75000		0.629443	28.733269	1.535578
4.586274		5.879542	329.058640	
1.00000		0.629443	28.733269	1.535578
4.586274		3.976197	364.673461	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.629443	-28.733269	-1.535578
-5.297524		-11.589578	-222.214179	
0.25000		-0.629443	-28.733269	-1.535578
-5.297524		-9.686233	-257.828999	
0.50000		-0.629443	-28.733269	-1.535578
-5.297524		-7.782887	-293.443820	
0.75000		-0.629443	-28.733269	-1.535578
-5.297524		-5.879542	-329.058640	
1.00000		-0.629443	-28.733269	-1.535578
-5.297524		-3.976197	-364.673461	

ELEM 59 ========== LENGTH = 4.958182

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.308823	10.339891	-0.731926
-5.345468		-4.339282	-130.716225	
0.25000		-0.308823	10.339891	-0.731926
-5.345468		-3.432026	-143.534991	
0.50000		-0.308823	10.339891	-0.731926
-5.345468		-2.524770	-156.351757	
0.75000		-0.308823	10.339891	-0.731926
-5.345468		-1.617514	-169.168523	
1.00000		-0.308823	10.339891	-0.731926
-5.345468		-0.710258	-181.985289	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.492983	-23.539348	0.962591
3.682741		6.345341	297.788807	
0.25000		0.492983	-23.539348	0.962591
3.682741		5.152166	326.966902	
0.50000		0.492983	-23.539348	0.962591
3.682741		3.958991	356.144996	
0.75000		0.492983	-23.539348	0.962591
3.682741		2.765816	385.323090	
1.00000		0.492983	-23.539348	0.962591
3.682741		1.572642	414.501184	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.043995	17.112220	-0.147094
3.012570		-1.797453	-216.290610	
0.25000		-0.043995	17.112220	-0.147094
3.012570		-1.615123	-237.501987	
0.50000		-0.043995	17.112220	-0.147094
3.012570		-1.432793	-258.713364	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
172

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.043995	17.112220	-0.147094
3.012570		-1.250463	-279.924741	
1.00000		-0.043995	17.112220	-0.147094
3.012570		-1.068133	-301.136118	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.087206	-5.016151	0.069760
-1.211727		0.776820	63.535867	
0.25000		0.087206	-5.016151	0.069760
-1.211727		0.690350	69.753614	
0.50000		0.087206	-5.016151	0.069760
-1.211727		0.603879	75.971362	
0.75000		0.087206	-5.016151	0.069760
-1.211727		0.517409	82.189109	
1.00000		0.087206	-5.016151	0.069760
-1.211727		0.430938	88.406856	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.276462	1.345194	-0.186345
-0.168437		-1.207486	-17.453094	
0.25000		-0.276462	1.345194	-0.186345
-0.168437		-0.976503	-19.120524	
0.50000		-0.276462	1.345194	-0.186345
-0.168437		-0.745520	-20.787953	
0.75000		-0.276462	1.345194	-0.186345
-0.168437		-0.514536	-22.455382	
1.00000		-0.276462	1.345194	-0.186345
-0.168437		-0.283553	-24.122812	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.049092	-0.241807	0.033015
0.030320		0.222060	3.137255	
0.25000		0.049092	-0.241807	0.033015
0.030320		0.181136	3.436986	
0.50000		0.049092	-0.241807	0.033015
0.030320		0.140212	3.736717	
0.75000		0.049092	-0.241807	0.033015
0.030320		0.099288	4.036447	
1.00000		0.049092	-0.241807	0.033015
0.030320		0.058364	4.336178	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.629281	28.797305	-1.065366
-2.501334		-7.344221	-364.461930	
0.25000		-0.629281	28.797305	-1.065366
-2.501334		-6.023652	-400.157502	
0.50000		-0.629281	28.797305	-1.065366
-2.501334		-4.703083	-435.853074	
0.75000		-0.629281	28.797305	-1.065366
-2.501334		-3.382513	-471.548646	
1.00000		-0.629281	28.797305	-1.065366
-2.501334		-2.061944	-507.244219	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.629281	-28.797305	1.065366
2.501334		7.344221	364.461930	
0.25000		0.629281	-28.797305	1.065366
2.501334		6.023652	400.157502	
0.50000		0.629281	-28.797305	1.065366
2.501334		4.703083	435.853074	
0.75000		0.629281	-28.797305	1.065366
2.501334		3.382513	471.548646	
1.00000		0.629281	-28.797305	1.065366
2.501334		2.061944	507.244219	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.629281	28.797305	1.065366
3.682741		7.344221	364.461930	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
173

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.629281	28.797305	1.065366
3.682741		6.023652	400.157502	
0.50000		0.629281	28.797305	1.065366
3.682741		4.703083	435.853074	
0.75000		0.629281	28.797305	1.065366
3.682741		3.382513	471.548646	
1.00000		0.629281	28.797305	1.065366
3.682741		2.061944	507.244219	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.629281	-28.797305	-1.065366
-5.345468		-7.344221	-364.461930	
0.25000		-0.629281	-28.797305	-1.065366
-5.345468		-6.023652	-400.157502	
0.50000		-0.629281	-28.797305	-1.065366
-5.345468		-4.703083	-435.853074	
0.75000		-0.629281	-28.797305	-1.065366
-5.345468		-3.382513	-471.548646	
1.00000		-0.629281	-28.797305	-1.065366
-5.345468		-2.061944	-507.244219	

ELEM 60 ========== LENGTH = 4.957498

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.292200	10.368245	-0.548007
-5.620543		-2.950904	-181.824178	
0.25000		-0.292200	10.368245	-0.548007
-5.620543		-2.271719	-194.674316	
0.50000		-0.292200	10.368245	-0.548007
-5.620543		-1.592533	-207.524454	
0.75000		-0.292200	10.368245	-0.548007
-5.620543		-0.913348	-220.374592	
1.00000		-0.292200	10.368245	-0.548007
-5.620543		-0.234163	-233.224730	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.488229	-23.571985	0.707395
5.294757		4.493993	414.304026	
0.25000		0.488229	-23.571985	0.707395
5.294757		3.617265	443.518541	
0.50000		0.488229	-23.571985	0.707395
5.294757		2.740538	472.733056	
0.75000		0.488229	-23.571985	0.707395
5.294757		1.863811	501.947571	
1.00000		0.488229	-23.571985	0.707395
5.294757		0.987084	531.162087	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.077090	17.097234	-0.170904
0.910806		-1.925557	-301.094140	
0.25000		-0.077090	17.097234	-0.170904
0.910806		-1.713743	-322.284015	
0.50000		-0.077090	17.097234	-0.170904
0.910806		-1.501929	-343.473890	
0.75000		-0.077090	17.097234	-0.170904
0.910806		-1.290115	-364.663764	
1.00000		-0.077090	17.097234	-0.170904
0.910806		-1.078301	-385.853639	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.092052	-5.018300	0.036429
-0.694495		0.604683	88.401049	
0.25000		0.092052	-5.018300	0.036429
-0.694495		0.559533	94.620602	
0.50000		0.092052	-5.018300	0.036429
-0.694495		0.514383	100.840156	
0.75000		0.092052	-5.018300	0.036429
-0.694495		0.469234	107.059709	
1.00000		0.092052	-5.018300	0.036429
-0.694495		0.424084	113.279262	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
174

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.256313	1.371297	-0.029811
0.133325		-0.279906	-24.122969	
0.25000		-0.256313	1.371297	-0.029811
0.133325		-0.242860	-25.822520	
0.50000		-0.256313	1.371297	-0.029811
0.133325		-0.205913	-27.522071	
0.75000		-0.256313	1.371297	-0.029811
0.133325		-0.168967	-29.221622	
1.00000		-0.256313	1.371297	-0.029811
0.133325		-0.132020	-30.921173	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.045322	-0.246492	0.004897
-0.023850		0.057591	4.336712	
0.25000		0.045322	-0.246492	0.004897
-0.023850		0.051523	4.641708	
0.50000		0.045322	-0.246492	0.004897
-0.023850		0.045454	4.947203	
0.75000		0.045322	-0.246492	0.004897
-0.023850		0.039385	5.252698	
1.00000		0.045322	-0.246492	0.004897
-0.023850		0.033317	5.558194	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.625603	28.836777	-0.748721
-4.576412		-5.156267	-507.041287	
0.25000		-0.625603	28.836777	-0.748721
-4.576412		-4.228321	-542.780851	
0.50000		-0.625603	28.836777	-0.748721
-4.576412		-3.300376	-578.520415	
0.75000		-0.625603	28.836777	-0.748721
-4.576412		-2.372430	-614.259979	
1.00000		-0.625603	28.836777	-0.748721
-4.576412		-1.444484	-649.999542	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.625603	-28.836777	0.748721
4.576412		5.156267	507.041287	
0.25000		0.625603	-28.836777	0.748721
4.576412		4.228321	542.780851	
0.50000		0.625603	-28.836777	0.748721
4.576412		3.300376	578.520415	
0.75000		0.625603	-28.836777	0.748721
4.576412		2.372430	614.259979	
1.00000		0.625603	-28.836777	0.748721
4.576412		1.444484	649.999542	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.625603	28.836777	0.748721
5.294757		5.156267	507.041287	
0.25000		0.625603	28.836777	0.748721
5.294757		4.228321	542.780851	
0.50000		0.625603	28.836777	0.748721
5.294757		3.300376	578.520415	
0.75000		0.625603	28.836777	0.748721
5.294757		2.372430	614.259979	
1.00000		0.625603	28.836777	0.748721
5.294757		1.444484	649.999542	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.625603	-28.836777	-0.748721
-5.620543		-5.156267	-507.041287	
0.25000		-0.625603	-28.836777	-0.748721
-5.620543		-4.228321	-542.780851	
0.50000		-0.625603	-28.836777	-0.748721
-5.620543		-3.300376	-578.520415	
0.75000		-0.625603	-28.836777	-0.748721
-5.620543		-2.372430	-614.259979	
1.00000		-0.625603	-28.836777	-0.748721
-5.620543		-1.444484	-649.999542	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
175

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 61 ========== LENGTH = 4.957717

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.275578	10.376272	-0.458805
-6.210342		-2.343323	-233.066906	
0.25000		-0.275578	10.376272	-0.458805
-6.210342		-1.774666	-245.927560	
0.50000		-0.275578	10.376272	-0.458805
-6.210342		-1.206010	-258.788215	
0.75000		-0.275578	10.376272	-0.458805
-6.210342		-0.637353	-271.648869	
1.00000		-0.275578	10.376272	-0.458805
-6.210342		-0.068697	-284.509524	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.483865	-23.569519	0.622275
7.583417		3.601237	530.917173	
0.25000		0.483865	-23.569519	0.622275
7.583417		2.829970	560.183923	
0.50000		0.483865	-23.569519	0.622275
7.583417		2.058704	589.396674	
0.75000		0.483865	-23.569519	0.622275
7.583417		1.287438	618.609424	
1.00000		0.483865	-23.569519	0.622275
7.583417		0.516171	647.822175	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.111465	17.071519	-0.243044
-1.660396		-1.709766	-385.813722	
0.25000		-0.111465	17.071519	-0.243044
-1.660396		-1.408531	-406.972662	
0.50000		-0.111465	17.071519	-0.243044
-1.660396		-1.107295	-428.131601	
0.75000		-0.111465	17.071519	-0.243044
-1.660396		-0.806060	-449.290540	
1.00000		-0.111465	17.071519	-0.243044
-1.660396		-0.504825	-470.449480	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.096977	-5.014022	0.037175
-0.009611		0.531281	113.274681	
0.25000		0.096977	-5.014022	0.037175
-0.009611		0.485205	119.489206	
0.50000		0.096977	-5.014022	0.037175
-0.009611		0.439130	125.703731	
0.75000		0.096977	-5.014022	0.037175
-0.009611		0.393054	131.918256	
1.00000		0.096977	-5.014022	0.037175
-0.009611		0.346978	138.132782	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.235172	1.384638	0.052233
0.361794		-0.108458	-30.923914	
0.25000		-0.235172	1.384638	0.052233
0.361794		-0.073197	-32.640076	
0.50000		-0.235172	1.384638	0.052233
0.361794		-0.237936	-34.356237	
0.75000		-0.235172	1.384638	0.052233
0.361794		-0.302675	-36.072399	
1.00000		-0.235172	1.384638	0.052233
0.361794		-0.367414	-37.788560	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041374	-0.248888	-0.009835
-0.064862		0.029028	5.558689	
0.25000		0.041374	-0.248888	-0.009835
-0.064862		0.041218	5.867169	
0.50000		0.041374	-0.248888	-0.009835
-0.064862		0.053407	6.175648	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
176

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.041374	-0.248888	-0.009835
-0.064862		0.065597	6.484128	
1.00000		0.041374	-0.248888	-0.009835
-0.064862		0.077786	6.792607	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.622216	28.832429	-0.649616
-7.508944		-4.161546	-649.804543	
0.25000		-0.622216	28.832429	-0.649616
-7.508944		-3.356394	-685.540298	
0.50000		-0.622216	28.832429	-0.649616
-7.508944		-2.551241	-721.276053	
0.75000		-0.622216	28.832429	-0.649616
-7.508944		-1.746088	-757.011808	
1.00000		-0.622216	28.832429	-0.649616
-7.508944		-0.940935	-792.747563	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.622216	-28.832429	0.649616
7.508944		4.161546	649.804543	
0.25000		0.622216	-28.832429	0.649616
7.508944		3.356394	685.540298	
0.50000		0.622216	-28.832429	0.649616
7.508944		2.551241	721.276053	
0.75000		0.622216	-28.832429	0.649616
7.508944		1.746088	757.011808	
1.00000		0.622216	-28.832429	0.649616
7.508944		0.940935	792.747563	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.622216	28.832429	0.649616
7.583417		4.161546	649.804543	
0.25000		0.622216	28.832429	0.649616
7.583417		3.356394	685.540298	
0.50000		0.622216	28.832429	0.649616
7.583417		2.551241	721.276053	
0.75000		0.622216	28.832429	0.649616
7.583417		1.746088	757.011808	
1.00000		0.622216	28.832429	0.649616
7.583417		0.940935	792.747563	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.622216	-28.832429	-0.649616
-7.508944		-4.161546	-649.804543	
0.25000		-0.622216	-28.832429	-0.649616
-7.508944		-3.356394	-685.540298	
0.50000		-0.622216	-28.832429	-0.649616
-7.508944		-2.551241	-721.276053	
0.75000		-0.622216	-28.832429	-0.649616
-7.508944		-1.746088	-757.011808	
1.00000		-0.622216	-28.832429	-0.649616
-7.508944		-0.940935	-792.747563	

ELEM 62 ========== LENGTH = 4.958271

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.257497	10.371880	-0.374597
-6.773924		-2.009190	-284.361514	
0.25000		-0.257497	10.371880	-0.374597
-6.773924		-1.544851	-297.218163	
0.50000		-0.257497	10.371880	-0.374597
-6.773924		-1.080513	-310.074812	
0.75000		-0.257497	10.371880	-0.374597
-6.773924		-0.616175	-322.931460	
1.00000		-0.257497	10.371880	-0.374597
-6.773924		-0.151837	-335.788109	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
177

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.478333	-23.528122	0.635126
9.841598		2.739017	647.646439	
0.25000		0.478333	-23.528122	0.635126
9.841598		1.951735	676.811142	
0.50000		0.478333	-23.528122	0.635126
9.841598		1.164453	705.975846	
0.75000		0.478333	-23.528122	0.635126
9.841598		0.377170	735.140549	
1.00000		0.478333	-23.528122	0.635126
9.841598		-0.410112	764.305252	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.146879	17.007535	-0.465996
-4.295795		-0.849170	-470.414293	
0.25000		-0.146879	17.007535	-0.465996
-4.295795		-0.671536	-491.496287	
0.50000		-0.146879	17.007535	-0.465996
-4.295795		0.306098	-512.578281	
0.75000		-0.146879	17.007535	-0.465996
-4.295795		0.883732	-533.660276	
1.00000		-0.146879	17.007535	-0.465996
-4.295795		1.461366	-554.742270	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102034	-4.999149	0.077627
0.744828		0.370038	138.129604	
0.25000		0.102034	-4.999149	0.077627
0.744828		0.273814	144.326389	
0.50000		0.102034	-4.999149	0.077627
0.744828		0.177589	150.523174	
0.75000		0.102034	-4.999149	0.077627
0.744828		0.081365	156.719959	
1.00000		0.102034	-4.999149	0.077627
0.744828		-0.014860	162.916744	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.213281	1.399402	0.156362
0.588944		-0.319959	-37.793781	
0.25000		-0.213281	1.399402	0.156362
0.588944		-0.513780	-39.528434	
0.50000		-0.213281	1.399402	0.156362
0.588944		-0.707601	-41.263088	
0.75000		-0.213281	1.399402	0.156362
0.588944		-0.901422	-42.997741	
1.00000		-0.213281	1.399402	0.156362
0.588944		-1.095242	-44.732395	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.037289	-0.251546	-0.028523
-0.105651		0.069262	6.793544	
0.25000		0.037289	-0.251546	-0.028523
-0.105651		0.104618	7.105353	
0.50000		0.037289	-0.251546	-0.028523
-0.105651		0.139974	7.417161	
0.75000		0.037289	-0.251546	-0.028523
-0.105651		0.175330	7.728969	
1.00000		0.037289	-0.251546	-0.028523
-0.105651		0.210685	8.040778	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.617657	28.778817	-0.684231
-10.480775		-3.178318	-792.569587	
0.25000		-0.617657	28.778817	-0.684231
-10.480775		-2.330167	-828.242884	
0.50000		-0.617657	28.778817	-0.684231
-10.480775		-1.482016	-863.916181	
0.75000		-0.617657	28.778817	-0.684231
-10.480775		-0.633865	-899.589477	
1.00000		-0.617657	28.778817	-0.684231
-10.480775		0.214286	-935.262774	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
178

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.617657	-28.778817	0.684231
10.480775		3.178318	792.569587	
0.25000		0.617657	-28.778817	0.684231
10.480775		2.330167	828.242884	
0.50000		0.617657	-28.778817	0.684231
10.480775		1.482016	863.916181	
0.75000		0.617657	-28.778817	0.684231
10.480775		0.633865	899.589477	
1.00000		0.617657	-28.778817	0.684231
10.480775		-0.214286	935.262774	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.617657	28.778817	0.684231
10.480775		3.178318	792.569587	
0.25000		0.617657	28.778817	0.684231
10.480775		2.330167	828.242884	
0.50000		0.617657	28.778817	0.684231
10.480775		1.482016	863.916181	
0.75000		0.617657	28.778817	0.684231
10.480775		0.633865	899.589477	
1.00000		0.617657	28.778817	0.684231
10.480775		1.461366	935.262774	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.617657	-28.778817	-0.684231
-10.480775		-3.178318	-792.569587	
0.25000		-0.617657	-28.778817	-0.684231
-10.480775		-2.330167	-828.242884	
0.50000		-0.617657	-28.778817	-0.684231
-10.480775		-1.482016	-863.916181	
0.75000		-0.617657	-28.778817	-0.684231
-10.480775		-0.901422	-899.589477	
1.00000		-0.617657	-28.778817	-0.684231
-10.480775		-1.095242	-935.262774	

ELEM 63 ========== LENGTH = 4.957948

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.238945	10.393188	-0.265329
-7.074055		-1.888077	-335.650017	
0.25000		-0.238945	10.393188	-0.265329
-7.074055		-1.559205	-348.532239	
0.50000		-0.238945	10.393188	-0.265329
-7.074055		-1.230332	-361.414462	
0.75000		-0.238945	10.393188	-0.265329
-7.074055		-0.901460	-374.296684	
1.00000		-0.238945	10.393188	-0.265329
-7.074055		-0.572587	-387.178907	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.472912	-23.533842	0.676985
11.651633		1.336768	764.147848	
0.25000		0.472912	-23.533842	0.676985
11.651633		0.497654	793.317741	
0.50000		0.472912	-23.533842	0.676985
11.651633		-0.341460	822.487634	
0.75000		0.472912	-23.533842	0.676985
11.651633		-1.180573	851.657527	
1.00000		0.472912	-23.533842	0.676985
11.651633		-2.019687	880.827420	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.183507	16.966918	-0.802384
-6.863949		1.470763	-554.715705	
0.25000		-0.183507	16.966918	-0.802384
-6.863949		2.465307	-575.745982	
0.50000		-0.183507	16.966918	-0.802384
-6.863949		3.459852	-596.776258	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
179

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.183507	16.966918	-0.802384
-6.863949		4.454397	-617.806534	
1.00000		-0.183507	16.966918	-0.802384
-6.863949		5.448941	-638.836811	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.107305	-4.992776	0.140419
1.580537		-0.094339	162.915876	
0.25000		0.107305	-4.992776	0.140419
1.580537		-0.268387	169.104356	
0.50000		0.107305	-4.992776	0.140419
1.580537		-0.442435	175.292837	
0.75000		0.107305	-4.992776	0.140419
1.580537		-0.616482	181.481318	
1.00000		0.107305	-4.992776	0.140419
1.580537		-0.790530	187.669799	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.190876	1.422157	0.305616
0.860217		-1.022866	-44.740171	
0.25000		-0.190876	1.422157	0.305616
0.860217		-1.401673	-46.502916	
0.50000		-0.190876	1.422157	0.305616
0.860217		-1.780480	-48.265661	
0.75000		-0.190876	1.422157	0.305616
0.860217		-2.159287	-50.028406	
1.00000		-0.190876	1.422157	0.305616
0.860217		-2.538094	-51.791150	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.033112	-0.255646	-0.055306
-0.154384		0.197752	8.042170	
0.25000		0.033112	-0.255646	-0.055306
-0.154384		0.266304	8.359040	
0.50000		0.033112	-0.255646	-0.055306
-0.154384		0.334855	8.675909	
0.75000		0.033112	-0.255646	-0.055306
-0.154384		0.403406	8.992779	
1.00000		0.033112	-0.255646	-0.055306
-0.154384		0.471958	9.309649	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.613328	28.782263	-0.762098
-13.077786		-1.440181	-935.105894	
0.25000		-0.613328	28.782263	-0.762098
-13.077786		-0.495571	-970.781137	
0.50000		-0.613328	28.782263	-0.762098
-13.077786		0.449040	-1006.456	
0.75000		-0.613328	28.782263	-0.762098
-13.077786		1.393650	-1042.132	
1.00000		-0.613328	28.782263	-0.762098
-13.077786		2.338260	-1077.807	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.613328	-28.782263	0.762098
13.077786		1.440181	935.105894	
0.25000		0.613328	-28.782263	0.762098
13.077786		0.495571	970.781137	
0.50000		0.613328	-28.782263	0.762098
13.077786		-0.449040	1006.456	
0.75000		0.613328	-28.782263	0.762098
13.077786		-1.393650	1042.132	
1.00000		0.613328	-28.782263	0.762098
13.077786		-2.336260	1077.807	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.613328	28.782263	0.762098
13.077786		1.470763	935.105894	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
180

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.613328	28.782263	0.762098
13.077786		2.465307	970.781137	
0.50000		0.613328	28.782263	0.762098
13.077786		3.459852	1006.456	
0.75000		0.613328	28.782263	0.762098
13.077786		4.454397	1042.132	
1.00000		0.613328	28.782263	0.762098
13.077786		5.448941	1077.807	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.613328	-28.782263	-0.802384
-13.077786		-1.888077	-935.105894	
0.25000		-0.613328	-28.782263	-0.802384
-13.077786		-1.559205	-970.781137	
0.50000		-0.613328	-28.782263	-0.802384
-13.077786		-1.780480	-1006.456	
0.75000		-0.613328	-28.782263	-0.802384
-13.077786		-2.159287	-1042.132	
1.00000		-0.613328	-28.782263	-0.802384
-13.077786		-2.538094	-1077.807	

ELEM 64 ========== LENGTH = 4.957564

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.222324	10.351081	-0.321798
-6.732102		-2.085308	-387.051753	
0.25000		-0.222324	10.351081	-0.321798
-6.732102		-1.686474	-399.880791	
0.50000		-0.222324	10.351081	-0.321798
-6.732102		-1.287640	-412.709828	
0.75000		-0.222324	10.351081	-0.321798
-6.732102		-0.888806	-425.538865	
1.00000		-0.222324	10.351081	-0.321798
-6.732102		-0.489973	-438.367903	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.469195	-23.469198	0.664789
12.351007		-0.810733	880.691686	
0.25000		0.469195	-23.469198	0.664789
12.351007		-1.634667	909.779200	
0.50000		0.469195	-23.469198	0.664789
12.351007		-2.458601	938.866715	
0.75000		0.469195	-23.469198	0.664789
12.351007		-3.282535	967.954230	
1.00000		0.469195	-23.469198	0.664789
12.351007		-4.106469	997.041744	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.219520	16.955705	-0.648954
-9.157941		5.874655	-638.820252	
0.25000		-0.219520	16.955705	-0.648954
-9.157941		6.678963	-659.835002	
0.50000		-0.219520	16.955705	-0.648954
-9.157941		7.483270	-680.849752	
0.75000		-0.219520	16.955705	-0.648954
-9.157941		8.287578	-701.864503	
1.00000		-0.219520	16.955705	-0.648954
-9.157941		9.091885	-722.879253	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.112347	-4.987271	0.111898
2.521368		-0.988900	187.670929	
0.25000		0.112347	-4.987271	0.111898
2.521368		-1.127585	193.852108	
0.50000		0.112347	-4.987271	0.111898
2.521368		-1.266270	200.033287	
0.75000		0.112347	-4.987271	0.111898
2.521368		-1.404956	206.214466	
1.00000		0.112347	-4.987271	0.111898
2.521368		-1.543641	212.395644	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
181

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.168665	1.401650	0.237060
1.240336		-2.445114	-51.802241	
0.25000		-0.168665	1.401650	0.237060
1.240336		-2.738924	-53.539433	
0.50000		-0.168665	1.401650	0.237060
1.240336		-3.032734	-55.276625	
0.75000		-0.168665	1.401650	0.237060
1.240336		-3.326544	-57.013817	
1.00000		-0.168665	1.401650	0.237060
1.240336		-3.620353	-58.751010	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.028967	-0.251967	-0.042995
-0.222669		0.455399	9.313632	
0.25000		0.028967	-0.251967	-0.042995
-0.222669		0.508687	9.623918	
0.50000		0.028967	-0.251967	-0.042995
-0.222669		0.561976	9.936204	
0.75000		0.028967	-0.251967	-0.042995
-0.222669		0.615264	10.248490	
1.00000		0.028967	-0.251967	-0.042995
-0.222669		0.668552	10.560776	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.610510	28.708436	-0.733692
-14.649706		1.344233	-1077.674	
0.25000		-0.610510	28.708436	-0.733692
-14.649706		2.253565	-1113.255	
0.50000		-0.610510	28.708436	-0.733692
-14.649706		3.162896	-1148.836	
0.75000		-0.610510	28.708436	-0.733692
-14.649706		4.072227	-1184.417	
1.00000		-0.610510	28.708436	-0.733692
-14.649706		4.981559	-1219.998	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.610510	-28.708436	0.733692
14.649706		-1.344233	1077.674	
0.25000		0.610510	-28.708436	0.733692
14.649706		-2.253565	1113.255	
0.50000		0.610510	-28.708436	0.733692
14.649706		-3.162896	1148.836	
0.75000		0.610510	-28.708436	0.733692
14.649706		-4.072227	1184.417	
1.00000		0.610510	-28.708436	0.733692
14.649706		-4.981559	1219.998	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.610510	28.708436	0.733692
14.649706		5.874655	1077.674	
0.25000		0.610510	28.708436	0.733692
14.649706		6.678963	1113.255	
0.50000		0.610510	28.708436	0.733692
14.649706		7.483270	1148.836	
0.75000		0.610510	28.708436	0.733692
14.649706		8.287578	1184.417	
1.00000		0.610510	28.708436	0.733692
14.649706		9.091885	1219.998	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.610510	-28.708436	-0.733692
-14.649706		-2.445114	-1077.674	
0.25000		-0.610510	-28.708436	-0.733692
-14.649706		-2.738924	-1113.255	
0.50000		-0.610510	-28.708436	-0.733692
-14.649706		-3.162896	-1148.836	
0.75000		-0.610510	-28.708436	-0.733692
-14.649706		-4.072227	-1184.417	
1.00000		-0.610510	-28.708436	-0.733692
-14.649706		-4.981559	-1219.998	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
182

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 65 ========== LENGTH = 4.958481

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.207427	10.272449	-1.110470
-4.973429		-1.757796	-438.263277	
0.25000		-0.207427	10.272449	-1.110470
-4.973429		-0.381234	-450.997214	
0.50000		-0.207427	10.272449	-1.110470
-4.973429		0.995327	-463.731150	
0.75000		-0.207427	10.272449	-1.110470
-4.973429		2.371888	-476.465087	
1.00000		-0.207427	10.272449	-1.110470
-4.973429		3.748449	-489.199024	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.463834	-23.675271	0.445151
10.580954		-3.494602	996.948966	
0.25000		0.463834	-23.675271	0.445151
10.580954		-4.046420	1026.297	
0.50000		0.463834	-23.675271	0.445151
10.580954		-4.598237	1055.646	
0.75000		0.463834	-23.675271	0.445151
10.580954		-5.150055	1084.994	
1.00000		0.463834	-23.675271	0.445151
10.580954		-5.701873	1114.342	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.247402	17.520185	1.624868
-10.756446		9.991843	-722.884422	
0.25000		-0.247402	17.520185	1.624868
-10.756446		7.977623	-744.602799	
0.50000		-0.247402	17.520185	1.624868
-10.756446		5.963404	-766.321177	
0.75000		-0.247402	17.520185	1.624868
-10.756446		3.949184	-788.039554	
1.00000		-0.247402	17.520185	1.624868
-10.756446		1.934965	-809.757931	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.115997	-5.108797	-0.305928
3.527911		-1.875036	212.400733	
0.25000		0.115997	-5.108797	-0.305928
3.527911		-1.495801	218.733701	
0.50000		0.115997	-5.108797	-0.305928
3.527911		-1.116567	225.066669	
0.75000		0.115997	-5.108797	-0.305928
3.527911		-0.737332	231.399638	
1.00000		0.115997	-5.108797	-0.305928
3.527911		-0.358098	237.732606	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.150561	1.208691	-0.796050
1.975648		-3.514104	-58.765334	
0.25000		-0.150561	1.208691	-0.796050
1.975648		-2.927304	-60.263653	
0.50000		-0.150561	1.208691	-0.796050
1.975648		-1.540504	-61.761971	
0.75000		-0.150561	1.208691	-0.796050
1.975648		-0.553704	-63.260289	
1.00000		-0.150561	1.208691	-0.796050
1.975648		0.433096	-64.758607	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.025560	-0.217258	0.142429
-0.354639		0.649694	10.563335	
0.25000		0.025560	-0.217258	0.142429
-0.354639		0.473136	10.832552	
0.50000		0.025560	-0.217258	0.142429
-0.354639		0.296578	11.101769	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
183

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.025560	-0.217258	0.142429
-0.354639		0.120019	11.371286	
1.00000		0.025560	-0.217258	0.142429
-0.354639		-0.056539	11.640604	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.605390	29.001325	-0.281652
-13.754227		4.719943	-1219.913	
0.25000		-0.605390	29.001325	-0.281652
-13.754227		5.069085	-1255.864	
0.50000		-0.605390	29.001325	-0.281652
-13.754227		5.418227	-1291.814	
0.75000		-0.605390	29.001325	-0.281652
-13.754227		5.767368	-1327.765	
1.00000		-0.605390	29.001325	-0.281652
-13.754227		6.116510	-1363.716	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.605390	-29.001325	0.281652
13.754227		-4.719943	1219.913	
0.25000		0.605390	-29.001325	0.281652
13.754227		-5.069085	1255.864	
0.50000		0.605390	-29.001325	0.281652
13.754227		-5.418227	1291.814	
0.75000		0.605390	-29.001325	0.281652
13.754227		-5.767368	1327.765	
1.00000		0.605390	-29.001325	0.281652
13.754227		-6.116510	1363.716	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.605390	29.001325	1.624868
13.754227		9.991843	1219.913	
0.25000		0.605390	29.001325	1.624868
13.754227		7.977623	1255.864	
0.50000		0.605390	29.001325	1.624868
13.754227		5.963404	1291.814	
0.75000		0.605390	29.001325	1.624868
13.754227		5.767368	1327.765	
1.00000		0.605390	29.001325	1.624868
13.754227		6.116510	1363.716	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.605390	-29.001325	-1.110470
-13.754227		-4.719943	-1219.913	
0.25000		-0.605390	-29.001325	-1.110470
-13.754227		-5.069085	-1255.864	
0.50000		-0.605390	-29.001325	-1.110470
-13.754227		-5.418227	-1291.814	
0.75000		-0.605390	-29.001325	-1.110470
-13.754227		-5.767368	-1327.765	
1.00000		-0.605390	-29.001325	-1.110470
-13.754227		-6.116510	-1363.716	

ELEM 66 ========== LENGTH = 3.470073

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.196239	9.806914	-3.244230
1.222570		2.691922	-489.120410	
0.25000		-0.196239	9.806914	-3.244230
-1.222570		5.506251	-497.628088	
0.50000		-0.196239	9.806914	-3.244230
-1.222570		8.320680	-506.135766	
0.75000		-0.196239	9.806914	-3.244230
-1.222570		11.135109	-514.643444	
1.00000		-0.196239	9.806914	-3.244230
-1.222570		13.949537	-523.151122	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
184

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.456445	-23.986983	-0.145789
6.030288		-5.714578	1114.305	
0.25000		0.456445	-23.986983	-0.145789
6.030288		-5.588103	1135.114	
0.50000		0.456445	-23.986983	-0.145789
6.030288		-5.461628	1155.923	
0.75000		0.456445	-23.986983	-0.145789
6.030288		-5.335154	1176.733	
1.00000		0.456445	-23.986983	-0.145789
6.030288		-5.208679	1197.542	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.262477	19.205090	7.822361
-12.501965		3.382036	-809.796497	
0.25000		-0.262477	19.205090	7.822361
-12.501965		-3.404006	-826.457265	
0.50000		-0.262477	19.205090	7.822361
-12.501965		-10.190048	-843.118033	
0.75000		-0.262477	19.205090	7.822361
-12.501965		-16.976090	-859.778801	
1.00000		-0.262477	19.205090	7.822361
-12.501965		-23.762132	-876.439570	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.117232	-5.437060	-1.432431
4.703387		-0.849673	237.745375	
0.25000		0.117232	-5.437060	-1.432431
4.703387		0.392987	242.462125	
0.50000		0.117232	-5.437060	-1.432431
4.703387		1.635647	247.178875	
0.75000		0.117232	-5.437060	-1.432431
4.703387		2.878307	251.895624	
1.00000		0.117232	-5.437060	-1.432431
4.703387		4.120967	256.612374	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.138118	0.502172	-3.655542
3.644573		0.571440	-64.777573	
0.25000		-0.138118	0.502172	-3.655542
3.644573		3.742691	-65.213216	
0.50000		-0.138118	0.502172	-3.655542
3.644573		6.913941	-65.648859	
0.75000		-0.138118	0.502172	-3.655542
3.644573		10.085191	-66.084502	
1.00000		-0.138118	0.502172	-3.655542
3.644573		13.256441	-66.520146	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.023156	-0.090132	0.655631	
-0.653713	-0.081048	11.643988		
0.25000	0.023156	-0.090132	0.655631	
-0.653713	-0.649820	11.722179		
0.50000	0.023156	-0.090132	0.655631	
-0.653713	-1.218591	11.800370		
0.75000	0.023156	-0.090132	0.655631	
-0.653713	-1.787363	11.878561		
1.00000	0.023156	-0.090132	0.655631	
-0.653713	-2.356134	11.956752		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.596834	29.514175	0.922589	
-10.079962	6.645299	-1363.694		
0.25000	-0.596834	29.514175	0.922589	
-10.079962	5.844936	-1389.299		
0.50000	-0.596834	29.514175	0.922589	
-10.079962	5.044573	-1414.903		
0.75000	-0.596834	29.514175	0.922589	
-10.079962	4.244210	-1440.507		
1.00000	-0.596834	29.514175	0.922589	
-10.079962	3.443846	-1466.111		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
185

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.596834	-29.514175	-0.922589	
10.079962	-6.645299	1363.694		
0.25000	0.596834	-29.514175	-0.922589	
10.079962	-5.844936	1389.299		
0.50000	0.596834	-29.514175	-0.922589	
10.079962	-5.044573	1414.903		
0.75000	0.596834	-29.514175	-0.922589	
10.079962	-4.244210	1440.507		
1.00000	0.596834	-29.514175	-0.922589	
10.079962	-3.443846	1466.111		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.596834	29.514175	7.822361	
10.079962	6.645299	1363.694		
0.25000	0.596834	29.514175	7.822361	
10.079962	5.844936	1389.299		
0.50000	0.596834	29.514175	7.822361	
10.079962	8.320680	1414.903		
0.75000	0.596834	29.514175	7.822361	
10.079962	11.135109	1440.507		
1.00000	0.596834	29.514175	7.822361	
10.079962	13.949537	1466.111		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.596834	-29.514175	-3.655542	
-12.501965	-6.645299	-1363.694		
0.25000	-0.596834	-29.514175	-3.655542	
-12.501965	-5.844936	-1389.299		
0.50000	-0.596834	-29.514175	-3.655542	
-12.501965	-10.190048	-1414.903		
0.75000	-0.596834	-29.514175	-3.655542	
-12.501965	-16.976090	-1440.507		
1.00000	-0.596834	-29.514175	-3.655542	
-12.501965	-23.762132	-1466.111		

ELEM 67 ========== LENGTH = 3.471054

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.640378	-12.729616	2.859429	
-5.699819	13.065309	-523.642757		
0.25000	-0.640378	-12.729616	2.859429	
-5.699819	10.584001	-512.596460		
0.50000	-0.640378	-12.729616	2.859429	
-5.699819	8.102693	-501.550163		
0.75000	-0.640378	-12.729616	2.859429	
-5.699819	5.621384	-490.503866		
1.00000	-0.640378	-12.729616	2.859429	
-5.699819	3.140076	-479.457569		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.393114	40.337670	0.153608	
-1.072305	-5.684865	1197.494		
0.25000	0.393114	40.337670	0.153608	
-1.072305	-5.818160	1162.490		
0.50000	0.393114	40.337670	0.153608	
-1.072305	-5.951456	1127.487		
0.75000	0.393114	40.337670	0.153608	
-1.072305	-6.084751	1092.483		
1.00000	0.393114	40.337670	0.153608	
-1.072305	-6.218047	1057.480		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.915650	-46.330713	-7.386788	
10.327280	-21.964215	-875.083780		
0.25000	0.915650	-46.330713	-7.386788	
10.327280	-15.554230	-834.879677		
0.50000	0.915650	-46.330713	-7.386788	
10.327280	-9.144245	-794.675573		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
186

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000	0.915650	-46.330713	-7.386788	
10.327280	-2.733260	-754.471469		
1.00000	0.915650	-46.330713	-7.386788	
10.327280	3.675725	-714.267365		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.100273	23.251560	1.358819	
1.221056	3.516922	256.370056		
0.25000	-0.100273	23.251560	1.358819	
1.221056	2.337789	236.193200		
0.50000	-0.100273	23.251560	1.358819	
1.221056	1.158655	216.016344		
0.75000	-0.100273	23.251560	1.358819	
1.221056	-0.020478	195.839488		
1.00000	-0.100273	23.251560	1.358819	
1.221056	-1.199612	175.662632		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.690001	-5.521164	3.671651	
-5.819474	13.458906	-67.219374		
0.25000	-0.690001	-5.521164	3.671651	
-5.819474	10.272781	-62.428309		
0.50000	-0.690001	-5.521164	3.671651	
-5.819474	7.086656	-57.637244		
0.75000	-0.690001	-5.521164	3.671651	
-5.819474	3.900531	-52.846179		
1.00000	-0.690001	-5.521164	3.671651	
-5.819474	0.714406	-48.055115		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.121887	0.992264	-0.656719	
1.043262	-2.392057	12.082056		
0.25000	0.121887	0.992264	-0.656719	
1.043262	-1.822180	11.221005		
0.50000	0.121887	0.992264	-0.656719	
1.043262	-1.252303	10.359955		
0.75000	0.121887	0.992264	-0.656719	
1.043262	-0.682426	9.498904		
1.00000	0.121887	0.992264	-0.656719	
1.043262	-0.112549	8.637854		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.414729	-64.581494	-0.855708	
-1.192013	4.560000	-1465.946		
0.25000	-0.414729	-64.581494	-0.855708	
-1.192013	5.302552	-1402.904		
0.50000	-0.414729	-64.581494	-0.855708	
-1.192013	6.045104	-1353.863		
0.75000	-0.414729	-64.581494	-0.855708	
-1.192013	6.787656	-1297.822		
1.00000	-0.414729	-64.581494	-0.855708	
-1.192013	7.530208	-1241.780		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.414729	64.581494	0.855708	
1.192013	-4.560000	1465.946		
0.25000	0.414729	64.581494	0.855708	
1.192013	-5.302552	1409.904		
0.50000	0.414729	64.581494	0.855708	
1.192013	-6.045104	1353.863		
0.75000	0.414729	64.581494	0.855708	
1.192013	-6.787656	1297.822		
1.00000	0.414729	64.581494	0.855708	
1.192013	-7.530208	1241.780		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.915650	64.581494	3.671651	
10.327280	13.458906	1465.946		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
187

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000	0.915650	64.581494	3.671651	
10.327280	10.584001	1409.904		
0.50000	0.915650	64.581494	3.671651	
10.327280	8.102693	1353.863		
0.75000	0.915650	64.581494	3.671651	
10.327280	6.787656	1297.822		
1.00000	0.915650	64.581494	3.671651	
10.327280	7.530208	1241.780		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.690001	-64.581494	-7.386788	
-5.819474	-21.964215	-1465.946		
0.25000	-0.690001	-64.581494	-7.386788	
-5.819474	-15.554230	-1409.904		
0.50000	-0.690001	-64.581494	-7.386788	
-5.819474	-9.144245	-1353.863		
0.75000	-0.690001	-64.581494	-7.386788	
-5.819474	-6.787656	-1297.822		
1.00000	-0.690001	-64.581494	-7.386788	
-5.819474	-7.530208	-1241.780		

ELEM 68 ========== LENGTH = 4.957870

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.614038	-13.156986	0.674231	
-1.400577	2.510992	-479.407409		
0.25000	-0.614038	-13.156986	0.674231	
-1.400577	1.675304	-463.099752		
0.50000	-0.614038	-13.156986	0.674231	
-1.400577	0.839617	-446.792096		
0.75000	-0.614038	-13.156986	0.674231	
-1.400577	0.003930	-430.484440		
1.00000	-0.614038	-13.156986	0.674231	
-1.400577	-0.831758	-414.176784		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.385194	40.054058	-0.466164	
-6.192237	-7.101704	1057.550		
0.25000	0.385194	40.054058	-0.466164	
-6.192237	-6.523909	1007.905		
0.50000	0.385194	40.054058	-0.466164	
-6.192237	-5.946114	958.259008		
0.75000	0.385194	40.054058	-0.466164	
-6.192237	-5.368320	908.613306		
1.00000	0.385194	40.054058	-0.466164	
-6.192237	-4.790525	858.967603		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.864641	-44.780846	-1.081849	
8.997614	5.634543	-714.424707		
0.25000	0.864641	-44.780846	-1.081849	
8.997614	6.975459	-658.920305		
0.50000	0.864641	-44.780846	-1.081849	
8.997614	8.316376	-603.415902		
0.75000	0.864641	-44.780846	-1.081849	
8.997614	9.657292	-547.911500		
1.00000	0.864641	-44.780846	-1.081849	
8.997614	10.998209	-492.407097		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.092592	22.940988	0.197030	
1.774642	-1.846627	175.695440		
0.25000	-0.092592	22.940988	0.197030	
1.774642	-2.090839	147.260831		
0.50000	-0.092592	22.940988	0.197030	
1.774642	-2.335050	118.826223		
0.75000	-0.092592	22.940988	0.197030	
1.774642	-2.579262	90.391615		
1.00000	-0.092592	22.940988	0.197030	
1.774642	-2.823474	61.957007		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
188

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.659446	-6.165423	0.822002	
-3.873969	0.958751	-48.050791		
0.25000	-0.659446	-6.165423	0.822002	
-3.873969	-0.060094	-40.408950		
0.50000	-0.659446	-6.165423	0.822002	
-3.873969	-1.078939	-32.767108		
0.75000	-0.659446	-6.165423	0.822002	
-3.873969	-2.097783	-25.125267		
1.00000	-0.659446	-6.165423	0.822002	
-3.873969	-3.116628	-17.483426		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.116241	1.108209	-0.145250	
0.694526	-0.155554	8.103055		
0.25000	0.116241	1.108209	-0.145250	
0.694526	0.024078	7.263465		
0.50000	0.116241	1.108209	-0.145250	
0.694526	0.204111	5.889876		
0.75000	0.116241	1.108209	-0.145250	
0.694526	0.384143	4.516286		
1.00000	0.116241	1.108209	-0.145250	
0.694526	0.564176	3.142697		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.408843	-64.103255	0.414384	
3.723068	9.104285	-1241.883		
0.25000	-0.408843	-64.103255	0.414384	
3.723068	8.590670	-1162.429		
0.50000	-0.408843	-64.103255	0.414384	
3.723068	8.077054	-1082.975		
0.75000	-0.408843	-64.103255	0.414384	
3.723068	7.563439	-1003.521		
1.00000	-0.408843	-64.103255	0.414384	
3.723068	7.049823	-924.067306		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.408843	64.103255	-0.414384	
-3.723068	-9.104285	1241.883		
0.25000	0.408843	64.103255	-0.414384	
-3.723068	-8.590670	1162.429		
0.50000	0.408843	64.103255	-0.414384	
-3.723068	-8.077054	1082.975		
0.75000	0.408843	64.103255	-0.414384	
-3.723068	-7.563439	1003.521		
1.00000	0.408843	64.103255	-0.414384	
-3.723068	-7.049823	924.067306		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.864641	64.103255	0.822002	
8.997614	9.104285	1241.883		
0.25000	0.864641	64.103255	0.822002	
8.997614	8.590670	1162.429		
0.50000	0.864641	64.103255	0.822002	
8.997614	8.316376	1082.975		
0.75000	0.864641	64.103255	0.822002	
8.997614	9.657292	1003.521		
1.00000	0.864641	64.103255	0.822002	
8.997614	10.998209	924.067306		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.659446	-64.103255	-1.081849	
-6.192237	-9.104285	-1241.883		
0.25000	-0.659446	-64.103255	-1.081849	
-6.192237	-8.590670	-1162.429		
0.50000	-0.659446	-64.103255	-1.081849	
-6.192237	-8.077054	-1082.975		
0.75000	-0.659446	-64.103255	-1.081849	
-6.192237	-7.563439	-1003.521		
1.00000	-0.659446	-64.103255	-1.081849	
-6.192237	-7.049823	-924.067306		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
189

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 69 ========== LENGTH = 4.958128

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.594814	-13.197901	-0.099926	
0.640262	-1.179173	-414.153292		
0.25000	-0.594814	-13.197901	-0.099926	
0.640262	-1.055311	-397.794071		
0.50000	-0.594814	-13.197901	-0.099926	
0.640262	-0.931449	-381.434850		
0.75000	-0.594814	-13.197901	-0.099926	
0.640262	-0.807586	-365.075629		
1.00000	-0.594814	-13.197901	-0.099926	
0.640262	-0.683724	-348.716408		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.375926	39.871410	-0.680025	
-8.579962	-6.284868	859.038564		
0.25000	0.375926	39.871410	-0.680025	
-8.579962	-5.359756	809.666675		
0.50000	0.375926	39.871410	-0.680025	
-8.579962	-4.516844	760.244786		
0.75000	0.375926	39.871410	-0.680025	
-8.579962	-3.673932	710.822898		
1.00000	0.375926	39.871410	-0.680025	
-8.579962	-2.831020	661.401009		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.832997	-44.357025	1.165634	
8.326036	13.252942	-492.585934		
0.25000	0.832997	-44.357025	1.165634	
8.326036	11.808101	-437.603982		
0.50000	0.832997	-44.357025	1.165634	
8.326036	10.363260	-382.622030		
0.75000	0.832997	-44.357025	1.165634	
8.326036	8.918420	-327.640078		
1.00000	0.832997	-44.357025	1.165634	
8.326036	7.473579	-272.658126		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.088418	22.860135	-0.211351	
1.933105	-3.518088	61.989299		
0.25000	-0.088418	22.860135	-0.211351	
1.933105	-3.256111	33.653431		
0.50000	-0.088418	22.860135	-0.211351	
1.933105	-2.994134	5.317563		
0.75000	-0.088418	22.860135	-0.211351	
1.933105	-2.732158	-23.018306		
1.00000	-0.088418	22.860135	-0.211351	
1.933105	-2.470181	-51.354174		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.637917	-6.311037	-0.215247	
-2.825738	-2.874111	-17.480848		
0.25000	-0.637917	-6.311037	-0.215247	
-2.825738	-2.590706	-9.658116		
0.50000	-0.637917	-6.311037	-0.215247	
-2.825738	-2.340501	-1.835383		
0.75000	-0.637917	-6.311037	-0.215247	
-2.825738	-2.073695	5.987349		
1.00000	-0.637917	-6.311037	-0.215247	
-2.825738	-1.806890	13.810082		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.112225	1.134419	0.040915	
0.506298	0.521098	3.142211		
0.25000	0.112225	1.134419	0.040915	
0.506298	0.470383	1.736063		
0.50000	0.112225	1.134419	0.040915	
0.506298	0.419667	0.329914		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
190

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000	0.112225	1.134419	0.040915	
0.506298	0.368951	-1.076234		
1.00000	0.112225	1.134419	0.040915	
0.506298	0.318235	-2.482383		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.399733	-63.865964	0.850461	
6.140559	9.199658	-924.220074		
0.25000	-0.399733	-63.865964	0.850461	
6.140559	8.145484	-845.056169		
0.50000	-0.399733	-63.865964	0.850461	
6.140559	7.091311	-765.892263		
0.75000	-0.399733	-63.865964	0.850461	
6.140559	6.037138	-686.728358		
1.00000	-0.399733	-63.865964	0.850461	
6.140559	4.982965	-607.564452		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.399733	63.865964	-0.850461	
-6.140559	-9.199658	924.220074		
0.25000	0.399733	63.865964	-0.850461	
-6.140559	-8.145484	845.056169		
0.50000	0.399733	63.865964	-0.850461	
-6.140559	-7.091311	765.892263		
0.75000	0.399733	63.865964	-0.850461	
-6.140559	-6.037138	686.728358		
1.00000	0.399733	63.865964	-0.850461	
-6.140559	-4.982965	607.564452		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.832997	63.865964	1.165634	
8.326036	13.252942	924.220074		
0.25000	0.832997	63.865964	1.165634	
8.326036	11.808101	845.056169		
0.50000	0.832997	63.865964	1.165634	
8.326036	10.363260	765.892263		
0.75000	0.832997	63.865964	1.165634	
8.326036	8.918420	710.822898		
1.00000	0.832997	63.865964	1.165634	
8.326036	7.473579	661.401009		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.637917	-63.865964	-0.850461	
-8.579962	-9.199658	-924.220074		
0.25000	-0.637917	-63.865964	-0.850461	
-8.579962	-8.145484	-845.056169		
0.50000	-0.637917	-63.865964	-0.850461	
-8.579962	-7.091311	-765.892263		
0.75000	-0.637917	-63.865964	-0.850461	
-8.579962	-6.037138	-686.728358		
1.00000	-0.637917	-63.865964	-0.850461	
-8.579962	-4.982965	-607.564452		

ELEM 70 ========== LENGTH = 4.957515

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.579601	-13.239229	-0.142672	
1.192938	-0.810328	-348.713498		
0.25000	-0.579601	-13.239229	-0.142672	
1.192938	-0.633504	-332.304990		
0.50000	-0.579601	-13.239229	-0.142672	
1.192938	-0.456679	-315.896572		
0.75000	-0.579601	-13.239229	-0.142672	
1.192938	-0.279855	-299.488154		
1.00000	-0.579601	-13.239229	-0.142672	
1.192938	-0.103031	-283.079736		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
191

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.366305	39.955904	-0.704185	
-8.938374	-4.742350	661.559840		
0.25000	0.366305	39.955904	-0.704185	
-8.938374	-3.869598	612.039343		
0.50000	0.366305	39.955904	-0.704185	
-8.938374	-2.996846	562.518847		
0.75000	0.366305	39.955904	-0.704185	
-8.938374	-2.124094	512.998350		
1.00000	0.366305	39.955904	-0.704185	
-8.938374	-1.251342	463.477853		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.811863	-44.395406	1.313194	
7.806439	10.043200	-272.852971		
0.25000	0.811863	-44.395406	1.313194	
7.806439	8.415655	-217.830750		
0.50000	0.811863	-44.395406	1.313194	
7.806439	6.788110	-162.807528		
0.75000	0.811863	-44.395406	1.313194	
7.806439	5.160565	-107.784807		
1.00000	0.811863	-44.395406	1.313194	
7.806439	3.533020	-52.762086		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.086155	22.847346	-0.238434	
1.660170	-3.188536	51.320126		
0.25000	-0.086155	22.847346	-0.238434	
1.660170	-2.893026	-79.636640		
0.50000	-0.086155	22.847346	-0.238434	
1.660170	-2.597515	-107.953154		
0.75000	-0.086155	22.847346	-0.238434	
1.660170	-2.302005	-136.269668		
1.00000	-0.086155	22.847346	-0.238434	
1.660170	-2.006495	-164.586182		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.621544	-6.301275	-0.280539	
-2.096358	-1.579894	13.808846		
0.25000	-0.621544	-6.301275	-0.280539	
-2.096358	-1.232199	21.618512		
0.50000	-0.621544	-6.301275	-0.280539	
-2.096358	-0.884505	29.428179		
0.75000	-0.621544	-6.301275	-0.280539	
-2.096358	-0.536810	37.237845		
1.00000	-0.621544	-6.301275	-0.280539	
-2.096358	-0.189116	45.047511		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.109132	1.132660	0.052636
0.375185		0.277908	-2.482181	
0.25000		0.109132	1.132660	0.052636
0.375185		0.212672	-3.885976	
0.50000		0.109132	1.132660	0.052636
0.375185		0.147436	-5.289770	
0.75000		0.109132	1.132660	0.052636
0.375185		0.082199	-6.693565	
1.00000		0.109132	1.132660	0.052636
0.375185		0.016963	-8.097360	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.389282	-63.935910	0.889983
6.903019		7.652978	-607.757533	
0.25000		-0.389282	-63.935910	0.889983
6.903019		6.549952	-528.516727	
0.50000		-0.389282	-63.935910	0.889983
6.903019		5.446926	-449.275922	
0.75000		-0.389282	-63.935910	0.889983
6.903019		4.343900	-370.035116	
1.00000		-0.389282	-63.935910	0.889983
6.903019		3.240873	-290.794311	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
192

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.389282	63.935910	-0.889983
-6.903019		-7.652978	607.757533	
0.25000		0.389282	63.935910	-0.889983
-6.903019		-6.549952	528.516727	
0.50000		0.389282	63.935910	-0.889983
-6.903019		-5.446926	449.275922	
0.75000		0.389282	63.935910	-0.889983
-6.903019		-4.343900	370.035116	
1.00000		0.389282	63.935910	-0.889983
-6.903019		-3.240873	290.794311	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.811863	63.935910	1.313194
7.806439		10.043200	661.559840	
0.25000		0.811863	63.935910	1.313194
7.806439		8.415655	612.039343	
0.50000		0.811863	63.935910	1.313194
7.806439		6.788110	562.518847	
0.75000		0.811863	63.935910	1.313194
7.806439		5.160565	512.998350	
1.00000		0.811863	63.935910	1.313194
7.806439		3.533020	463.477853	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.621544	-63.935910	-0.889983
-8.938374		-7.652978	-607.757533	
0.25000		-0.621544	-63.935910	-0.889983
-8.938374		-6.549952	-528.516727	
0.50000		-0.621544	-63.935910	-0.889983
-8.938374		-5.446926	-449.275922	
0.75000		-0.621544	-63.935910	-0.889983
-8.938374		-4.343900	-370.035116	
1.00000		-0.621544	-63.935910	-0.889983
-8.938374		-3.240873	-290.794311	

ELEM 71 ========== LENGTH = 4.958026

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.565598	-13.193848	-0.019058
0.936193		-0.027911	-283.089810	
0.25000		-0.565598	-13.193848	-0.019058
0.936193		-0.004288	-266.735948	
0.50000		-0.565598	-13.193848	-0.019058
0.936193		0.019335	-250.382087	
0.75000		-0.565598	-13.193848	-0.019058
0.936193		0.042958	-234.028225	
1.00000		-0.565598	-13.193848	-0.019058
0.936193		0.066581	-217.674363	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.356638	39.919271	-0.673563
-8.248765		-3.553546	463.659759	
0.25000		0.356638	39.919271	-0.673563
-8.248765		-2.718660	414.179560	
0.50000		0.356638	39.919271	-0.673563
-8.248765		-1.883775	364.699362	
0.75000		0.356638	39.919271	-0.673563
-8.248765		-1.048889	315.219164	
1.00000		0.356638	39.919271	-0.673563
-8.248765		-0.214003	265.738966	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.793601	-44.445548	0.965213
7.565749		6.255382	-52.964369	
0.25000		0.793601	-44.445548	0.965213
7.565749		5.058993	2.126179	
0.50000		0.793601	-44.445548	0.965213
7.565749		3.862605	57.216726	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
193

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.793601	-44.445548	0.965213
7.565749		4.669217	112.307274	
1.00000		0.793601	-44.445548	0.965213
7.565749		1.469828	167.397822	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.084420	22.867295	-0.173409
0.929332		-2.665826	-164.553168	
0.25000		-0.084420	22.867295	-0.173409
0.929332		-2.450885	-192.897331	
0.50000		-0.084420	22.867295	-0.173409
0.929332		-2.235944	-221.241493	
0.75000		-0.084420	22.867295	-0.173409
0.929332		-2.021002	-249.585655	
1.00000		-0.084420	22.867295	-0.173409
0.929332		-1.806061	-277.929817	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.606497	-6.275122	-0.123653
-1.439620		0.010448	45.044403	
0.25000		-0.606497	-6.275122	-0.123653
-1.439620		0.163717	52.822459	
0.50000		-0.606497	-6.275122	-0.123653
-1.439620		0.316985	60.600514	
0.75000		-0.606497	-6.275122	-0.123653
-1.439620		0.470254	68.378569	
1.00000		-0.606497	-6.275122	-0.123653
-1.439620		0.623523	76.156625	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.106275	1.127952	0.024470
0.257112		-0.018547	-8.096815	
0.25000		0.106275	1.127952	0.024470
0.257112		-0.048877	-9.494919	
0.50000		0.106275	1.127952	0.024470
0.257112		-0.079207	-10.893023	
0.75000		0.106275	1.127952	0.024470
0.257112		-0.109538	-12.291128	
1.00000		0.106275	1.127952	0.024470
0.257112		-0.139868	-13.689232	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.378493	-63.914519	0.822502
7.062321		6.237919	-291.009776	
0.25000		-0.378493	-63.914519	0.822502
7.062321		5.218423	-211.787311	
0.50000		-0.378493	-63.914519	0.822502
7.062321		4.198926	-132.564846	
0.75000		-0.378493	-63.914519	0.822502
7.062321		3.179429	-53.342382	
1.00000		-0.378493	-63.914519	0.822502
7.062321		2.159932	25.880083	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.378493	63.914519	-0.822502
-7.062321		-6.237919	291.009776	
0.25000		0.378493	63.914519	-0.822502
-7.062321		-5.218423	211.787311	
0.50000		0.378493	63.914519	-0.822502
-7.062321		-4.198926	132.564846	
0.75000		0.378493	63.914519	-0.822502
-7.062321		-3.179429	53.342382	
1.00000		0.378493	63.914519	-0.822502
-7.062321		-2.159932	-25.880083	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.793601	63.914519	0.965213
7.565749		6.255382	463.659759	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
194

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.793601	63.914519	0.965213
7.565749		5.218423	414.179560	
0.50000		0.793601	63.914519	0.965213
7.565749		4.198926	364.699362	
0.75000		0.793601	63.914519	0.965213
7.565749		3.179429	315.219164	
1.00000		0.793601	63.914519	0.965213
7.565749		2.159932	265.738966	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.606497	-63.914519	-0.822502
-8.248765		-6.237919	-291.009776	
0.25000		-0.606497	-63.914519	-0.822502
-8.248765		-5.218423	-266.735948	
0.50000		-0.606497	-63.914519	-0.822502
-8.248765		-4.198926	-250.382087	
0.75000		-0.606497	-63.914519	-0.822502
-8.248765		-3.179429	-249.585655	
1.00000		-0.606497	-63.914519	-0.822502
-8.248765		-2.159932	-277.929817	

ELEM 72 ========== LENGTH = 4.957718

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.552286	-13.191749	0.059605
0.406802		0.315703	-217.692603	
0.25000		-0.552286	-13.191749	0.059605
0.406802		0.241827	-201.342361	
0.50000		-0.552286	-13.191749	0.059605
0.406802		0.167951	-184.992119	
0.75000		-0.552286	-13.191749	0.059605
0.406802		0.094075	-168.641877	
1.00000		-0.552286	-13.191749	0.059605
0.406802		0.020199	-152.291635	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.348945	39.943230	-0.648547
-7.434623		-2.788903	265.931562	
0.25000		0.348945	39.943230	-0.648547
-7.434623		-1.985075	216.424747	
0.50000		0.348945	39.943230	-0.648547
-7.434623		-1.181246	166.917932	
0.75000		0.348945	39.943230	-0.648547
-7.434623		-0.377418	117.411116	
1.00000		0.348945	39.943230	-0.648547
-7.434623		0.426411	67.904301	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.774224	-44.492762	0.727346
7.852731		4.178489	167.197898	
0.25000		0.774224	-44.492762	0.727346
7.852731		3.276995	222.343536	
0.50000		0.774224	-44.492762	0.727346
7.852731		2.375501	277.489174	
0.75000		0.774224	-44.492762	0.727346
7.852731		1.474006	332.634812	
1.00000		0.774224	-44.492762	0.727346
7.852731		0.572512	387.780450	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.082349	22.875420	-0.122312
-0.166406		-2.317653	-277.900967	
0.25000		-0.082349	22.875420	-0.122312
-0.166406		-2.166056	-306.253436	
0.50000		-0.082349	22.875420	-0.122312
-0.166406		-2.014460	-334.605906	
0.75000		-0.082349	22.875420	-0.122312
-0.166406		-1.862863	-362.958375	
1.00000		-0.082349	22.875420	-0.122312
-0.166406		-1.711266	-391.310844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
195

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.592054	-6.259245	-0.022357
-0.800813		0.780229	76.152626	
0.25000		-0.592054	-6.259245	-0.022357
-0.800813		0.807939	83.910519	
0.50000		-0.592054	-6.259245	-0.022357
-0.800813		0.835648	91.668411	
0.75000		-0.592054	-6.259245	-0.022357
-0.800813		0.863358	99.426304	
1.00000		-0.592054	-6.259245	-0.022357
-0.800813		0.891067	107.184196	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.103522	1.125105	0.006265
0.142310		-0.167865	-13.688515	
0.25000		0.103522	1.125105	0.006265
0.142310		-0.175630	-15.083004	
0.50000		0.103522	1.125105	0.006265
0.142310		-0.183394	-16.477492	
0.75000		0.103522	1.125105	0.006265
0.142310		-0.191159	-17.871980	
1.00000		0.103522	1.125105	0.006265
0.142310		-0.198924	-19.266469	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.370117	-63.943756	0.764594
7.458720		5.274421	25.657920	
0.25000		-0.370117	-63.943756	0.764594
7.458720		4.326761	104.911693	
0.50000		-0.370117	-63.943756	0.764594
7.458720		3.379100	184.165466	
0.75000		-0.370117	-63.943756	0.764594
7.458720		2.431440	263.419239	
1.00000		-0.370117	-63.943756	0.764594
7.458720		1.483779	342.673012	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.370117	63.943756	-0.764594
-7.458720		-5.274421	-25.657920	
0.25000		0.370117	63.943756	-0.764594
-7.458720		-4.326761	-104.911693	
0.50000		0.370117	63.943756	-0.764594
-7.458720		-3.379100	-184.165466	
0.75000		0.370117	63.943756	-0.764594
-7.458720		-2.431440	-263.419239	
1.00000		0.370117	63.943756	-0.764594
-7.458720		-1.483779	-342.673012	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.774224	63.943756	0.764594
7.852731		5.274421	265.931562	
0.25000		0.774224	63.943756	0.764594
7.852731		4.326761	222.343536	
0.50000		0.774224	63.943756	0.764594
7.852731		3.379100	277.489174	
0.75000		0.774224	63.943756	0.764594
7.852731		2.431440	332.634812	
1.00000		0.774224	63.943756	0.764594
7.852731		1.483779	387.780450	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.592054	-63.943756	-0.764594
-7.458720		-5.274421	-277.900967	
0.25000		-0.592054	-63.943756	-0.764594
-7.458720		-4.326761	-306.253436	
0.50000		-0.592054	-63.943756	-0.764594
-7.458720		-3.379100	-334.605906	
0.75000		-0.592054	-63.943756	-0.764594
-7.458720		-2.431440	-362.958375	
1.00000		-0.592054	-63.943756	-0.764594
-7.458720		-1.711266	-391.310844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
196

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 73 ========== LENGTH = 4.958477

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.539713	-13.188143	0.078079
-0.174909		0.096972	-152.314831	
0.25000		-0.539713	-13.188143	0.078079
-0.174909		0.300184	-135.966554	
0.50000		-0.539713	-13.188143	0.078079
-0.174909		0.203396	-119.618277	
0.75000		-0.539713	-13.188143	0.078079
-0.174909		0.106608	-103.269999	
1.00000		-0.539713	-13.188143	0.078079
-0.174909		0.009820	-86.921722	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.342093	39.936335	-0.610766
-6.746146		-2.270915	68.182088	
0.25000		0.342093	39.936335	-0.610766
-6.746146		-1.513798	18.596234	
0.50000		0.342093	39.936335	-0.610766
-6.746146		-0.756680	-30.909620	
0.75000		0.342093	39.936335	-0.610766
-6.746146		0.000437	-80.415474	
1.00000		0.342093	39.936335	-0.610766
-6.746146		0.757554	-129.921328	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.755227	-44.485754	0.605527
8.593291		3.094232	387.587438	
0.25000		0.755227	-44.485754	0.605527
8.593291		2.343609	442.732840	
0.50000		0.755227	-44.485754	0.605527
8.593291		1.592986	497.878242	
0.75000		0.755227	-44.485754	0.605527
8.593291		0.842363	553.023644	
1.00000		0.755227	-44.485754	0.605527
8.593291		0.091740	608.169045	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.080253	22.863993	-0.076585
-1.571671		-1.989504	-391.289717	
0.25000		-0.080253	22.863993	-0.076585
-1.571671		-1.894567	-419.632365	
0.50000		-0.080253	22.863993	-0.076585
-1.571671		-1.799630	-447.975013	
0.75000		-0.080253	22.863993	-0.076585
-1.571671		-1.704693	-476.317660	
1.00000		-0.080253	22.863993	-0.076585
-1.571671		-1.609756	-504.660308	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.578231	-6.249888	0.001885
-0.120820		0.985156	107.180881	
0.25000		-0.578231	-6.249888	0.001885
-0.120820		0.993819	114.928363	
0.50000		-0.578231	-6.249888	0.001885
-0.120820		0.980482	122.675845	
0.75000		-0.578231	-6.249888	0.001885
-0.120820		0.978145	130.423328	
1.00000		-0.578231	-6.249888	0.001885
-0.120820		0.975807	138.170810	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.100876	1.123458	0.001860
0.020255		-0.215941	-19.265859	
0.25000		0.100876	1.123458	0.001860
0.020255		-0.216247	-20.658518	
0.50000		0.100876	1.123458	0.001860
0.020255		-0.220553	-22.051178	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
197

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.100876	1.123458	0.001860
0.020255		-0.222859	-23.443838	
1.00000		0.100876	1.123458	0.001860
0.020255		-0.225165	-24.836498	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.362716	-63.923786	0.685491
8.297562		4.476359	342.453488	
0.25000		-0.362716	-63.923786	0.685491
8.297562		3.626611	421.694649	
0.50000		-0.362716	-63.923786	0.685491
8.297562		2.776863	500.935810	
0.75000		-0.362716	-63.923786	0.685491
8.297562		1.927115	580.176972	
1.00000		-0.362716	-63.923786	0.685491
8.297562		1.077367	659.418133	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.362716	63.923786	-0.685491
-8.297562		-4.476359	-342.453488	
0.25000		0.362716	63.923786	-0.685491
-8.297562		-3.626611	-421.694649	
0.50000		0.362716	63.923786	-0.685491
-8.297562		-2.776863	-500.935810	
0.75000		0.362716	63.923786	-0.685491
-8.297562		-1.927115	-580.176972	
1.00000		0.362716	63.923786	-0.685491
-8.297562		-1.077367	-659.418133	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.755227	63.923786	0.685491
8.593291		4.476359	387.587438	
0.25000		0.755227	63.923786	0.685491
8.593291		3.626611	442.732840	
0.50000		0.755227	63.923786	0.685491
8.593291		2.776863	500.935810	
0.75000		0.755227	63.923786	0.685491
8.593291		1.927115	580.176972	
1.00000		0.755227	63.923786	0.685491
8.593291		1.077367	659.418133	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.578231	-63.923786	-0.685491
-8.297562		-4.476359	-391.289717	
0.25000		-0.578231	-63.923786	-0.685491
-8.297562		-3.626611	-421.694649	
0.50000		-0.578231	-63.923786	-0.685491
-8.297562		-2.776863	-500.935810	
0.75000		-0.578231	-63.923786	-0.685491
-8.297562		-1.927115	-580.176972	
1.00000		-0.578231	-63.923786	-0.685491
-8.297562		-1.609756	-659.418133	

ELEM 74 ========== LENGTH = 4.957366

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.527793	-13.185712	0.070954
0.636120		0.466524	-86.947104	
0.25000		-0.527793	-13.185712	0.070954
-0.636120		0.378589	-70.605506	
0.50000		-0.527793	-13.185712	0.070954
-0.636120		0.290653	-54.263907	
0.75000		-0.527793	-13.185712	0.070954
-0.636120		0.202718	-37.922309	
1.00000		-0.527793	-13.185712	0.070954
-0.636120		0.114782	-21.580711	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
198

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.334863	39.961248	-0.570352
-6.254888		-1.917601	-129.728123	
0.25000		0.334863	39.961248	-0.570352
-6.254888		-1.210740	-179.253752	
0.50000		0.334863	39.961248	-0.570352
-6.254888		-0.503879	-228.779381	
0.75000		0.334863	39.961248	-0.570352
-6.254888		0.202983	-278.305009	
1.00000		0.334863	39.961248	-0.570352
-6.254888		0.909844	-327.830638	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.737872	-44.552050	0.528299
9.314443		2.264823	607.993791	
0.25000		0.737872	-44.552050	0.528299
9.314443		1.610081	663.209881	
0.50000		0.737872	-44.552050	0.528299
9.314443		0.955339	718.424190	
0.75000		0.737872	-44.552050	0.528299
9.314443		0.300596	773.639389	
1.00000		0.737872	-44.552050	0.528299
9.314443		-0.354146	828.854588	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.078128	22.913616	-0.023411
-2.891741		-1.572083	-504.651479	
0.25000		-0.078128	22.913616	-0.023411
-2.891741		-1.543069	-533.049272	
0.50000		-0.078128	22.913616	-0.023411
-2.891741		-1.514055	-561.447064	
0.75000		-0.078128	22.913616	-0.023411
-2.891741		-1.485042	-589.844857	
1.00000		-0.078128	22.913616	-0.023411
-2.891741		-1.456028	-618.242650	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.565178	-6.262975	-0.009264
0.572159		0.985763	138.169064	
0.25000		-0.565178	-6.262975	-0.009264
0.572159		0.997244	145.931028	
0.50000		-0.565178	-6.262975	-0.009264
0.572159		1.008726	153.692992	
0.75000		-0.565178	-6.262975	-0.009264
0.572159		1.020207	161.454956	
1.00000		-0.565178	-6.262975	-0.009264
0.572159		1.031688	169.216921	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.098364	1.125872	0.003775
-0.103853		-0.227427	-24.836149	
0.25000		0.098364	1.125872	0.003775
-0.103853		-0.232105	-26.231489	
0.50000		0.098364	1.125872	0.003775
-0.103853		-0.236783	-27.626829	
0.75000		0.098364	1.125872	0.003775
-0.103853		-0.241462	-29.022170	
1.00000		0.098364	1.125872	0.003775
-0.103853		-0.246140	-30.417510	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.355100	-64.000737	0.589988
9.250482		3.717111	659.215751	
0.25000		-0.355100	-64.000737	0.589988
9.250482		2.985914	738.534513	
0.50000		-0.355100	-64.000737	0.589988
9.250482		2.254717	817.853274	
0.75000		-0.355100	-64.000737	0.589988
9.250482		1.523521	897.172036	
1.00000		-0.355100	-64.000737	0.589988
9.250482		0.792324	976.490798	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
199

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.355100	64.000737	-0.589988
-9.250482		-3.717111	-659.215751	
0.25000		0.355100	64.000737	-0.589988
-9.250482		-2.985914	-738.534513	
0.50000		0.355100	64.000737	-0.589988
-9.250482		-2.254717	-817.853274	
0.75000		0.355100	64.000737	-0.589988
-9.250482		-1.523521	-897.172036	
1.00000		0.355100	64.000737	-0.589988
-9.250482		-0.792324	-976.490798	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.737872	64.000737	0.589988
9.314443		3.717111	659.215751	
0.25000		0.737872	64.000737	0.589988
9.314443		2.985914	738.534513	
0.50000		0.737872	64.000737	0.589988
9.314443		2.254717	817.853274	
0.75000		0.737872	64.000737	0.589988
9.314443		1.523521	897.172036	
1.00000		0.737872	64.000737	0.589988
9.314443		1.031688	976.490798	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.565178	-64.000737	-0.589988
-9.250482		-3.717111	-659.215751	
0.25000		-0.565178	-64.000737	-0.589988
-9.250482		-2.985914	-738.534513	
0.50000		-0.565178	-64.000737	-0.589988
-9.250482		-2.254717	-817.853274	
0.75000		-0.565178	-64.000737	-0.589988
-9.250482		-1.523521	-897.172036	
1.00000		-0.565178	-64.000737	-0.589988
-9.250482		-1.456028	-976.490798	

ELEM 75 ========== LENGTH = 4.958415

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.516905	-13.195072	0.067820
-0.945435		0.602055	-21.606163	
0.25000		-0.516905	-13.195072	0.067820
-0.945435		0.517985	-5.249502	
0.50000		-0.516905	-13.195072	0.067820
-0.945435		0.433915	11.107159	
0.75000		-0.516905	-13.195072	0.067820
-0.945435		0.349845	27.463820	
1.00000		-0.516905	-13.195072	0.067820
-0.945435		0.265774	43.820482	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.329179	39.931997	-0.587096
-5.436937		-1.612216	-327.650463	
0.25000		0.329179	39.931997	-0.587096
-5.436937		-0.884450	-377.150318	
0.50000		0.329179	39.931997	-0.587096
-5.436937		-0.156683	-426.650173	
0.75000		0.329179	39.931997	-0.587096
-5.436937		0.571084	-476.150028	
1.00000		0.329179	39.931997	-0.587096
-5.436937		1.298851	-525.649883	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.720982	-44.452610	0.566023
8.805994		1.345275	828.707864	
0.25000		0.720982	-44.452610	0.566023
8.805994		0.643631	883.811489	
0.50000		0.720982	-44.452610	0.566023
8.805994		-0.058014	938.915113	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
200

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.720982	-44.452610	0.566023
-8.805994		-0.758659	994.018737	
1.00000		0.720982	-44.452610	0.566023
8.805994		-1.461304	1049.122	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.076269	22.840924	-0.033842
-3.399996		-1.046569	-618.251561	
0.25000		-0.076269	22.840924	-0.033842
-3.399996		-1.004619	-646.565257	
0.50000		-0.076269	22.840924	-0.033842
-3.399996		-0.962668	-674.878952	
0.75000		-0.076269	22.840924	-0.033842
-3.399996		-0.920718	-703.192648	
1.00000		-0.076269	22.840924	-0.033842
-3.399996		-0.878768	-731.506343	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.552988	-6.248524	-0.018244
1.190508		0.942500	169.217961	
0.25000		-0.552988	-6.248524	-0.018244
1.190508		0.965115	176.963655	
0.50000		-0.552988	-6.248524	-0.018244
1.190508		0.987730	184.709348	
0.75000		-0.552988	-6.248524	-0.018244
1.190508		1.010345	192.455042	
1.00000		-0.552988	-6.248524	-0.018244
1.190508		1.032960	200.200736	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.096000	1.123285	0.005338
-0.214133		-0.231045	-30.417637	
0.25000		0.096000	1.123285	0.005338
-0.214133		-0.237662	-31.810066	
0.50000		0.096000	1.123285	0.005338
-0.214133		-0.244279	-33.202495	
0.75000		0.096000	1.123285	0.005338
-0.214133		-0.250897	-34.594924	
1.00000		0.096000	1.123285	0.005338
-0.214133		-0.257514	-35.987353	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.348910	-63.896206	0.615600
9.051066		2.889830	976.319662	
0.25000		-0.348910	-63.896206	0.615600
9.051066		2.126730	1055.526	
0.50000		-0.348910	-63.896206	0.615600
9.051066		1.363631	1134.732	
0.75000		-0.348910	-63.896206	0.615600
9.051066		0.600531	1213.938	
1.00000		-0.348910	-63.896206	0.615600
9.051066		-0.162569	1293.144	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.348910	63.896206	-0.615600
-9.051066		-2.889830	-976.319662	
0.25000		0.348910	63.896206	-0.615600
-9.051066		-2.126730	-1055.526	
0.50000		0.348910	63.896206	-0.615600
-9.051066		-1.363631	-1134.732	
0.75000		0.348910	63.896206	-0.615600
-9.051066		-0.600531	-1213.938	
1.00000		0.348910	63.896206	-0.615600
-9.051066		0.162569	-1293.144	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.720982	63.896206	0.615600
9.051066		2.889830	976.319662	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
201

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.720982	63.896206	0.615600
9.051066		2.126730	1055.526	
0.50000		0.720982	63.896206	0.615600
9.051066		1.363631	1134.732	
0.75000		0.720982	63.896206	0.615600
9.051066		1.010345	1213.938	
1.00000		0.720982	63.896206	0.615600
9.051066		1.298851	1293.144	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.552988	-63.896206	-0.615600
-9.051066		-2.889830	-976.319662	
0.25000		-0.552988	-63.896206	-0.615600
-9.051066		-2.126730	-1055.526	
0.50000		-0.552988	-63.896206	-0.615600
-9.051066		-1.363631	-1134.732	
0.75000		-0.552988	-63.896206	-0.615600
-9.051066		-0.920718	-1213.938	
1.00000		-0.552988	-63.896206	-0.615600
-9.051066		-1.461304	-1293.144	

ELEM 76 ========== LENGTH = 4.957518

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.506364	-13.206641	0.109969
-1.165585		0.737595	43.797687	
0.25000		-0.506364	-13.206641	0.109969
-1.165585		0.601302	60.165729	
0.50000		-0.506364	-13.206641	0.109969
-1.165585		0.465009	76.533771	
0.75000		-0.506364	-13.206641	0.109969
-1.165585		0.328715	92.901814	
1.00000		-0.506364	-13.206641	0.109969
-1.165585		0.192422	109.269856	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.320803	39.988769	-0.895408
-3.910392		-0.944995	-525.490697	
0.25000		0.320803	39.988769	-0.895408
-3.910392		0.164755	-575.051962	
0.50000		0.320803	39.988769	-0.895408
-3.910392		1.274506	-624.613227	
0.75000		0.320803	39.988769	-0.895408
-3.910392		2.384257	-674.174493	
1.00000		0.320803	39.988769	-0.895408
-3.910392		3.494008	-723.735758	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.708665	-44.540406	1.098722
6.427015		-0.346559	1049.016	
0.25000		0.708665	-44.540406	1.098722
6.427015		-1.708292	1104.218	
0.50000		0.708665	-44.540406	1.098722
6.427015		-3.070026	1159.420	
0.75000		0.708665	-44.540406	1.098722
6.427015		-4.431759	1214.623	
1.00000		0.708665	-44.540406	1.098722
6.427015		-5.793492	1269.825	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.075140	22.915608	-0.324913
-2.838325		-0.056662	-731.539347	
0.25000		-0.075140	22.915608	-0.324913
-2.838325		0.346028	-759.940484	
0.50000		-0.075140	22.915608	-0.324913
-2.838325		0.748718	-788.341621	
0.75000		-0.075140	22.915608	-0.324913
-2.838325		1.151408	-816.742757	
1.00000		-0.075140	22.915608	-0.324913
-2.838325		1.554098	-845.143894	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
202

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.541769	-6.287263	0.011455
1.812059		0.833946	200.204825	
0.25000		-0.541769	-6.287263	0.011455
1.812059		0.819649	207.997130	
0.50000		-0.541769	-6.287263	0.011455
1.812059		0.805452	215.789435	
0.75000		-0.541769	-6.287263	0.011455
1.812059		0.791254	223.581741	
1.00000		-0.541769	-6.287263	0.011455
1.812059		0.777057	231.374046	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.093805	1.129933	0.000175
-0.324773		0.093805	-35.988900	
0.25000		0.093805	1.129933	0.000175
-0.324773		-0.223442	-37.388416	
0.50000		0.093805	1.129933	0.000175
-0.324773		-0.223659	-38.788833	
0.75000		0.093805	1.129933	0.000175
-0.324773		-0.223876	-40.189249	
1.00000		0.093805	1.129933	0.000175
-0.324773		-0.224093	-41.589665	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.339468	-64.034310	1.220146
7.073490		1.224883	1293.018	
0.25000		-0.339468	-64.034310	1.220146
7.073490		-0.287341	1372.381	
0.50000		-0.339468	-64.034310	1.220146
7.073490		-1.799565	1451.744	
0.75000		-0.339468	-64.034310	1.220146
7.073490		-3.311789	1531.106	
1.00000		-0.339468	-64.034310	1.220146
7.073490		-4.824013	1610.469	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.339468	64.034310	-1.220146
-7.073490		-1.224883	-1293.018	
0.25000		0.339468	64.034310	-1.220146
-7.073490		0.287341	-1372.381	
0.50000		0.339468	64.034310	-1.220146
-7.073490		1.799565	-1451.744	
0.75000		0.339468	64.034310	-1.220146
-7.073490		3.311789	-1531.106	
1.00000		0.339468	64.034310	-1.220146
-7.073490		4.824013	-1610.469	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.708665	64.034310	1.220146
7.073490		1.224883	1293.018	
0.25000		0.708665	64.034310	1.220146
7.073490		0.819649	1372.381	
0.50000		0.708665	64.034310	1.220146
7.073490		1.799565	1451.744	
0.75000		0.708665	64.034310	1.220146
7.073490		3.311789	1531.106	
1.00000		0.708665	64.034310	1.220146
7.073490		4.824013	1610.469	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.541769	-64.034310	-1.220146
-7.073490		-1.224883	-1293.018	
0.25000		-0.541769	-64.034310	-1.220146
-7.073490		-1.708292	-1372.381	
0.50000		-0.541769	-64.034310	-1.220146
-7.073490		-3.070026	-1451.744	
0.75000		-0.541769	-64.034310	-1.220146
-7.073490		-4.431759	-1531.106	
1.00000		-0.541769	-64.034310	-1.220146
-7.073490		-5.793492	-1610.469	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
203

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 77 ========== LENGTH = 3.470356

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.496288	-13.216901	0.210926
-1.456084		0.637223	109.248072	
0.25000		-0.496288	-13.216901	0.210926
-1.456084		0.454227	120.749910	
0.50000		-0.496288	-13.216901	0.210926
-1.456084		0.271230	132.181748	
0.75000		-0.496288	-13.216901	0.210926
-1.456084		0.088234	143.648586	
1.00000		-0.496288	-13.216901	0.210926
-1.456084		-0.094763	155.115424	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.313755	39.936333	-1.646348
-0.619315		1.514069	-723.660170	
0.25000		0.313755	39.936333	-1.646348
-0.619315		2.942422	-758.254492	
0.50000		0.313755	39.936333	-1.646348
-0.619315		4.370775	-792.902814	
0.75000		0.313755	39.936333	-1.646348
-0.619315		5.799128	-827.551136	
1.00000		0.313755	39.936333	-1.646348
-0.619315		7.227481	-862.199458	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.697785	-44.382157	2.544112
0.210422		-5.325971	1269.781	
0.25000		0.697785	-44.382157	2.544112
0.210422		-7.533214	1308.286	
0.50000		0.697785	-44.382157	2.544112
0.210422		-9.740458	1346.792	
0.75000		0.697785	-44.382157	2.544112
0.210422		-11.947702	1385.297	
1.00000		0.697785	-44.382157	2.544112
0.210422		-14.154946	1423.803	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.076571	22.837984	-1.216473
0.134096		2.899834	-845.217510	
0.25000		-0.076571	22.837984	-1.216473
0.134096		3.955233	-865.031493	
0.50000		-0.076571	22.837984	-1.216473
0.134096		5.010631	-884.845476	
0.75000		-0.076571	22.837984	-1.216473
0.134096		6.066030	-904.659459	
1.00000		-0.076571	22.837984	-1.216473
0.134096		7.121429	-924.473441	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.530211	-6.307614	0.127835
2.109827		0.440738	231.386362	
0.25000		-0.530211	-6.307614	0.127835
2.109827		0.329829	236.858778	
0.50000		-0.530211	-6.307614	0.127835
2.109827		0.218921	242.331194	
0.75000		-0.530211	-6.307614	0.127835
2.109827		0.108012	247.803611	
1.00000		-0.530211	-6.307614	0.127835
2.109827		-0.002896	253.276027	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.091529	1.132356	-0.020052
-0.378945		-0.165893	-41.591747	
0.25000		0.091529	1.132356	-0.020052
-0.378945		-0.148496	-42.574166	
0.50000		0.091529	1.132356	-0.020052
-0.378945		-0.131099	-43.556585	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
204

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.091529	1.132356	-0.020052
-0.378945		-0.113702	-44.539005	
1.00000		0.091529	1.132356	-0.020052
-0.378945		-0.096305	-45.521424	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.328714	-63.906672	2.882873
0.864164		-4.248010	1610.415	
0.25000		-0.328714	-63.906672	2.882873
0.864164		-6.749159	1665.860	
0.50000		-0.328714	-63.906672	2.882873
0.864164		-9.250307	1721.305	
0.75000		-0.328714	-63.906672	2.882873
0.864164		-11.751456	1776.750	
1.00000		-0.328714	-63.906672	2.882873
0.864164		-14.252605	1832.194	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.328714	63.906672	-2.882873
-0.864164		4.248010	-1610.415	
0.25000		0.328714	63.906672	-2.882873
-0.864164		6.749159	-1665.860	
0.50000		0.328714	63.906672	-2.882873
-0.864164		9.250307	-1721.305	
0.75000		0.328714	63.906672	-2.882873
-0.864164		11.751456	-1776.750	
1.00000		0.328714	63.906672	-2.882873
-0.864164		14.252605	-1832.194	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.697785	63.906672	2.882873
2.109827		4.248010	1610.415	
0.25000		0.697785	63.906672	2.882873
2.109827		6.749159	1665.860	
0.50000		0.697785	63.906672	2.882873
2.109827		9.250307	1721.305	
0.75000		0.697785	63.906672	2.882873
2.109827		11.751456	1776.750	
1.00000		0.697785	63.906672	2.882873
2.109827		14.252605	1832.194	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.530211	-63.906672	-2.882873
-1.456084		-5.325971	-1610.415	
0.25000		-0.530211	-63.906672	-2.882873
-1.456084		-7.533214	-1665.860	
0.50000		-0.530211	-63.906672	-2.882873
-1.456084		-9.740458	-1721.305	
0.75000		-0.530211	-63.906672	-2.882873
-1.456084		-11.947702	-1776.750	
1.00000		-0.530211	-63.906672	-2.882873
-1.456084		-14.252605	-1832.194	

ELEM 78 ========== LENGTH = 3.471017

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.474341	3.907988	-0.109582
-1.108609		0.315550	155.110166	
0.25000		-0.474341	3.907988	-0.109582
-1.108609		0.410640	151.718994	
0.50000		-0.474341	3.907988	-0.109582
-1.108609		0.505730	148.327821	
0.75000		-0.474341	3.907988	-0.109582
-1.108609		0.600820	144.936648	
1.00000		-0.474341	3.907988	-0.109582
-1.108609		0.695910	141.545475	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
205

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.212261	-21.618259	1.066115
-0.753104		5.474030	-862.208175	
0.25000		0.212261	-21.618259	1.066115
-0.753104		4.548904	-843.448841	
0.50000		0.212261	-21.618259	1.066115
-0.753104		3.623778	-824.689507	
0.75000		0.212261	-21.618259	1.066115
-0.753104		2.698652	-805.930174	
1.00000		0.212261	-21.618259	1.066115
-0.753104		1.773526	-787.170840	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.859840	45.490054	-2.473127
-0.004344		-14.219185	1424.021	
0.25000		0.859840	45.490054	-2.473127
-0.004344		-12.073118	1384.547	
0.50000		0.859840	45.490054	-2.473127
-0.004344		-9.927052	1345.072	
0.75000		0.859840	45.490054	-2.473127
-0.004344		-7.780986	1305.598	
1.00000		0.859840	45.490054	-2.473127
-0.004344		-5.634920	1266.124	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.177747	-45.562439	1.666402
-0.300847		8.897927	-924.703894	
0.25000		-0.177747	-45.562439	1.666402
-0.300847		7.451900	-885.166898	
0.50000		-0.177747	-45.562439	1.666402
-0.300847		6.005872	-845.629903	
0.75000		-0.177747	-45.562439	1.666402
-0.300847		4.559845	-806.092907	
1.00000		-0.177747	-45.562439	1.666402
-0.300847		3.113817	-766.555912	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.507605	21.677752	-0.170235
2.629084		-0.449330	253.307624	
0.25000		-0.507605	21.677752	-0.170235
2.629084		-0.301608	234.496666	
0.50000		-0.507605	21.677752	-0.170235
2.629084		-0.153885	215.685707	
0.75000		-0.507605	21.677752	-0.170235
2.629084		-0.006163	196.874748	
1.00000		-0.507605	21.677752	-0.170235
2.629084		0.141560	178.063790	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.087592	-3.895095	0.020426	
-0.462180	-0.018993	-45.526512		
0.25000	0.087592	-3.895095	0.020426	
-0.462180	-0.036718	-42.146527		
0.50000	0.087592	-3.895095	0.020426	
-0.462180	-0.054443	-38.766542		
0.75000	0.087592	-3.895095	0.020426	
-0.462180	-0.072168	-35.386557		
1.00000	0.087592	-3.895095	0.020426	
-0.462180	-0.089893	-32.006572		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.122105	71.075793	-2.752944	
1.516131	-14.352965	1832.439		
0.25000	-0.122105	71.075793	-2.752944	
1.516131	-11.964086	1770.762		
0.50000	-0.122105	71.075793	-2.752944	
1.516131	-9.575208	1709.086		
0.75000	-0.122105	71.075793	-2.752944	
1.516131	-7.186329	1647.410		
1.00000	-0.122105	71.075793	-2.752944	
1.516131	-4.797450	1585.733		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 206

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.122105	-71.075793	2.752944	
-1.516131	14.352965	-1832.439		
0.25000	0.122105	-71.075793	2.752944	
-1.516131	11.964086	-1770.762		
0.50000	0.122105	-71.075793	2.752944	
-1.516131	9.575208	-1709.086		
0.75000	0.122105	-71.075793	2.752944	
-1.516131	7.186329	-1647.410		
1.00000	0.122105	-71.075793	2.752944	
-1.516131	4.797450	-1585.733		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.859840	71.075793	2.752944	
2.629084	14.352965	1832.439		
0.25000	0.859840	71.075793	2.752944	
2.629084	11.964086	1770.762		
0.50000	0.859840	71.075793	2.752944	
2.629084	9.575208	1709.086		
0.75000	0.859840	71.075793	2.752944	
2.629084	7.186329	1647.410		
1.00000	0.859840	71.075793	2.752944	
2.629084	4.797450	1585.733		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.507605	-71.075793	-2.752944	
-1.516131	-14.352965	-1832.439		
0.25000	-0.507605	-71.075793	-2.752944	
-1.516131	-12.073118	-1770.762		
0.50000	-0.507605	-71.075793	-2.752944	
-1.516131	-9.927052	-1709.086		
0.75000	-0.507605	-71.075793	-2.752944	
-1.516131	-7.780986	-1647.410		
1.00000	-0.507605	-71.075793	-2.752944	
-1.516131	-5.634920	-1585.733		

ELEM 79 ========== LENGTH = 4.957989

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.466182	3.902618	0.015822	
-1.068721	1.027052	141.530457		
0.25000	-0.466182	3.902618	0.015822	
-1.068721	1.007441	136.693174		
0.50000	-0.466182	3.902618	0.015822	
-1.068721	0.987830	131.855890		
0.75000	-0.466182	3.902618	0.015822	
-1.068721	0.968218	127.018607		
1.00000	-0.466182	3.902618	0.015822	
-1.068721	0.948607	122.181323		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.212960	-21.674366	0.214346	
2.126421	0.423514	-787.095557		
0.25000	0.212960	-21.674366	0.214346	
2.126421	0.157833	-760.230243		
0.50000	0.212960	-21.674366	0.214346	
2.126421	-0.107849	-733.364929		
0.75000	0.212960	-21.674366	0.214346	
2.126421	-0.373530	-706.499616		
1.00000	0.212960	-21.674366	0.214346	
2.126421	-0.639211	-679.634302		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.836238	45.636919	-1.035589	
-5.852918	-6.224921	1266.177		
0.25000	0.836238	45.636919	-1.035589	
-5.852918	-4.941312	1209.610		
0.50000	0.836238	45.636919	-1.035589	
-5.852918	-3.657703	1153.043		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 207

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000	0.836238	45.636919	-1.035589	
-5.852918	-2.374094	1096.477		
1.00000	0.836238	45.636919	-1.035589	
-5.852918	-1.090485	1039.910		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.170321	-45.620302	0.879535	
2.797039	5.140078	-766.685779		
0.25000	-0.170321	-45.620302	0.879535	
2.797039	4.049897	-710.139545		
0.50000	-0.170321	-45.620302	0.879535	
2.797039	2.959716	-653.593312		
0.75000	-0.170321	-45.620302	0.879535	
2.797039	1.869534	-597.047079		
1.00000	-0.170321	-45.620302	0.879535	
2.797039	0.779353	-540.500846		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.498370	21.645714	-0.078652	
2.426508	-0.363048	178.083821		
0.25000	-0.498370	21.645714	-0.078652	
2.426508	-0.265559	151.254021		
0.50000	-0.498370	21.645714	-0.078652	
2.426508	-0.168070	124.424220		
0.75000	-0.498370	21.645714	-0.078652	
2.426508	-0.070581	97.594419		
1.00000	-0.498370	21.645714	-0.078652	
2.426508	0.026908	70.764619		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.085676	-3.890584	0.004538	
-0.428330	-0.002675	-32.010001		
0.25000	0.085676	-3.890584	0.004538	
-0.428330	-0.008299	-27.187634		
0.50000	0.085676	-3.890584	0.004538	
-0.428330	-0.013923	-22.365266		
0.75000	0.085676	-3.890584	0.004538	
-0.428330	-0.019548	-17.542899		
1.00000	0.085676	-3.890584	0.004538	
-0.428330	-0.025172	-12.720532		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.128315	71.185251	-1.098419	
-4.495130	-5.560917	1585.791		
0.25000	-0.128315	71.185251	-1.098419	
-4.495130	-4.199430	1497.557		
0.50000	-0.128315	71.185251	-1.098419	
-4.495130	-2.837944	1409.324		
0.75000	-0.128315	71.185251	-1.098419	
-4.495130	-1.476457	1321.090		
1.00000	-0.128315	71.185251	-1.098419	
-4.495130	-0.114970	1232.856		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.128315	-71.185251	1.098419	
4.495130	5.560917	-1585.791		
0.25000	0.128315	-71.185251	1.098419	
4.495130	4.199430	-1497.557		
0.50000	0.128315	-71.185251	1.098419	
4.495130	2.837944	-1409.324		
0.75000	0.128315	-71.185251	1.098419	
4.495130	1.476457	-1321.090		
1.00000	0.128315	-71.185251	1.098419	
4.495130	0.114970	-1232.856		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.836238	71.185251	1.098419	
4.495130	5.560917	1585.791		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 208

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000	0.836238	71.185251	1.098419	
4.495130	4.199430	1497.557		
0.50000	0.836238	71.185251	1.098419	
4.495130	2.959716	1409.324		
0.75000	0.836238	71.185251	1.098419	
4.495130	1.869534	1321.090		
1.00000	0.836238	71.185251	1.098419	
4.495130	0.948607	1232.856		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.498370	-71.185251	-1.098419	
-5.852918	-6.224921	-1585.791		
0.25000	-0.498370	-71.185251	-1.098419	
-5.852918	-4.941312	-1497.557		
0.50000	-0.498370	-71.185251	-1.098419	
-5.852918	-3.657703	-1409.324		
0.75000	-0.498370	-71.185251	-1.098419	
-5.852918	-2.374094	-1321.090		
1.00000	-0.498370	-71.185251	-1.098419	
-5.852918	-1.090485	-1232.856		

ELEM 80 ========== LENGTH = 4.957552

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.458908	3.880883	0.052460	
-0.857977	1.183873	122.172074		
0.25000	-0.458908	3.880883	0.052460	
-0.857977	1.118855	117.362153		
0.50000	-0.458908	3.880883	0.052460	
-0.857977	1.053837	112.552233		
0.75000	-0.458908	3.880883	0.052460	
-0.857977	0.988820	107.742312		
1.00000	-0.458908	3.880883	0.052460	
-0.857977	0.923802	102.932392		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.211656	-21.596839	-0.059218	
3.010090	-1.500390	-679.595766		
0.25000	0.211656	-21.596839	-0.059218	
3.010090	-1.426996	-652.828901		
0.50000	0.211656	-21.596839	-0.059218	
3.010090	-1.353603	-626.062036		
0.75000	0.211656	-21.596839	-0.059218	
3.010090	-1.280209	-599.295171		
1.00000	0.211656	-21.596839	-0.059218	
3.010090	-1.206815	-572.528306		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.817331	45.544317	-0.508511	
-8.378980	-2.321530	1040.020		
0.25000	0.817331	45.544317	-0.508511	
-8.378980	-1.691287	983.572828		
0.50000	0.817331	45.544317	-0.508511	
-8.378980	-1.061044	927.125745		
0.75000	0.817331	45.544317	-0.508511	
-8.378980	-0.430801	870.678662		
1.00000	0.817331	45.544317	-0.508511	
-8.378980	0.199441	814.231579		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.163273	-45.565265	0.554573	
4.425902	3.091999	-540.658107		
0.25000	-0.163273	-45.565265	0.554573	
4.425902	2.404668	-484.185061		
0.50000	-0.163273	-45.565265	0.554573	
4.425902	1.717338	-427.712015		
0.75000	-0.163273	-45.565265	0.554573	
4.425902	1.030007	-371.238969		
1.00000	-0.163273	-45.565265	0.554573	
4.425902	0.342676	-314.765923		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 209

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.490872	21.623892	-0.036278	
2.188549	-0.523528	70.786056		
0.25000	-0.490872	21.623892	-0.036278	
2.188549	-0.478566	43.985661		
0.50000	-0.490872	21.623892	-0.036278	
2.188549	-0.433604	17.185267		
0.75000	-0.490872	21.623892	-0.036278	
2.188549	-0.388642	-9.615128		
1.00000	-0.490872	21.623892	-0.036278	
2.188549	-0.343680	-36.415522		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.084067	-3.886988	-0.003026	
-0.387583	0.069376	-12.724168		
0.25000	0.084067	-3.886988	-0.003026	
-0.387583	0.073326	-7.906681		
0.50000	0.084067	-3.886988	-0.003026	
-0.387583	0.077076	-3.089193		
0.75000	0.084067	-3.886988	-0.003026	
-0.387583	0.080826	1.728294		
1.00000	0.084067	-3.886988	-0.003026	
-0.387583	0.084576	6.545781		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.132450	71.049092	-0.492329	
-7.048408	-1.661185	1232.978		
0.25000	-0.132450	71.049092	-0.492329	
-7.048408	-1.050998	1144.921		
0.50000	-0.132450	71.049092	-0.492329	
-7.048408	-0.440811	1056.863		
0.75000	-0.132450	71.049092	-0.492329	
-7.048408	0.169376	968.805846		
1.00000	-0.132450	71.049092	-0.492329	
-7.048408	0.779563	880.748448		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.132450	-71.049092	0.492329	
7.048408	1.661185	-1232.978		
0.25000	0.132450	-71.049092	0.492329	
7.048408	1.050998	-1144.921		
0.50000	0.132450	-71.049092	0.492329	
7.048408	0.440811	-1056.863		
0.75000	0.132450	-71.049092	0.492329	
7.048408	-0.169376	-968.805846		
1.00000	0.132450	-71.049092	0.492329	
7.048408	-0.779563	-880.748448		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.817331	71.049092	0.554573	
7.048408	3.091999	1232.978		
0.25000	0.817331	71.049092	0.554573	
7.048408	2.404668	1144.921		
0.50000	0.817331	71.049092	0.554573	
7.048408	1.717338	1056.863		
0.75000	0.817331	71.049092	0.554573	
7.048408	1.030007	968.805846		
1.00000	0.817331	71.049092	0.554573	
7.048408	0.923802	880.748448		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.490872	-71.049092	-0.508511	
-8.378980	-2.321530	-1232.978		
0.25000	-0.490872	-71.049092	-0.508511	
-8.378980	-1.691287	-1144.921		
0.50000	-0.490872	-71.049092	-0.508511	
-8.378980	-1.353603	-1056.863		
0.75000	-0.490872	-71.049092	-0.508511	
-8.378980	-1.280209	-968.805846		
1.00000	-0.490872	-71.049092	-0.508511	
-8.378980	-1.206815	-880.748448		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 210

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 81 ========== LENGTH = 4.958252

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.452454	3.890498	0.051606	
-0.596874	1.086777	102.926115		
0.25000	-0.452454	3.890498	0.051606	
-0.596874	1.022809	98.103597		
0.50000	-0.452454	3.890498	0.051606	
-0.596874	0.958840	93.281080		
0.75000	-0.452454	3.890498	0.051606	
-0.596874	0.894871	88.458563		
1.00000	-0.452454	3.890498	0.051606	
-0.596874	0.830902	83.636046		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.210268	-21.663858	-0.065834	
2.644331	1.686337	-572.519376		
0.25000	0.210268	-21.663858	-0.065834	
2.644331	1.604731	-545.659359		
0.50000	0.210268	-21.663858	-0.065834	
2.644331	1.523126	-518.805641		
0.75000	0.210268	-21.663858	-0.065834	
2.644331	1.441520	-491.951924		
1.00000	0.210268	-21.663858	-0.065834	
2.644331	1.359915	-465.098206		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.803100	45.641999	-0.480192	
-8.749900	-1.614002	814.381695		
0.25000	0.803100	45.641999	-0.480192	
-8.749900	-1.018774	757.805561		
0.50000	0.803100	45.641999	-0.480192	
-8.749900	-0.423546	701.229427		
0.75000	0.803100	45.641999	-0.480192	
-8.749900	0.171682	644.653293		
1.00000	0.803100	45.641999	-0.480192	
-8.749900	0.766911	588.077159		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.159787	-45.593331	0.533228	
5.287222	2.941978	-314.945364		
0.25000	-0.159787	-45.593331	0.533228	
5.287222	2.281009	-258.429557		
0.50000	-0.159787	-45.593331	0.533228	
5.287222	1.620039	-201.913750		
0.75000	-0.159787	-45.593331	0.533228	
5.287222	0.959070	-145.397943		
1.00000	-0.159787	-45.593331	0.533228	
5.287222	0.298101	-88.882136		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.483619	21.608920	-0.035266	
1.723452	-0.909814	-36.391027		
0.25000	-0.483619	21.608920	-0.035266	
1.723452	-0.866100	-63.176645		
0.50000	-0.483619	21.608920	-0.035266	
1.723452	-0.822386	-89.962264		
0.75000	-0.483619	21.608920	-0.035266	
1.723452	-0.778672	-116.747882		
1.00000	-0.483619	21.608920	-0.035266	
1.723452	-0.734958	-143.533500		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.082493	-3.884228	-0.003542	
-0.308231	0.181398	6.541657		
0.25000	0.082493	-3.884228	-0.003542	
-0.308231	0.185788	11.356402		
0.50000	0.082493	-3.884228	-0.003542	
-0.308231	0.190179	16.171147		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 211

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000	0.082493	-3.884228	-0.003542	
-0.308231	0.194569	20.985893		
1.00000	0.082493	-3.884228	-0.003542	
-0.308231	0.198959	25.800638		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.132974	71.141417	-0.463852	
-7.623322	-1.437039	880.916783		
0.25000	-0.132974	71.141417	-0.463852	
-7.623322	-0.862065	792.732513		
0.50000	-0.132974	71.141417	-0.463852	
-7.623322	-0.287092	704.548244		
0.75000	-0.132974	71.141417	-0.463852	
-7.623322	0.287881	616.363974		
1.00000	-0.132974	71.141417	-0.463852	
-7.623322	0.862855	528.179704		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.132974	-71.141417	0.463852	
7.623322	1.437039	-880.916783		
0.25000	0.132974	-71.141417	0.463852	
7.623322	0.862065	-792.732513		
0.50000	0.132974	-71.141417	0.463852	
7.623322	0.287092	-704.548244		
0.75000	0.132974	-71.141417	0.463852	
7.623322	-0.287881	-616.363974		
1.00000	0.132974	-71.141417	0.463852	
7.623322	-0.862855	-528.179704		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.803100	71.141417	0.533228	
7.623322	2.941978	880.916783		
0.25000	0.803100	71.141417	0.533228	
7.623322	2.281009	792.732513		
0.50000	0.803100	71.141417	0.533228	
7.623322	1.620039	704.548244		
0.75000	0.803100	71.141417	0.533228	
7.623322	0.959070	644.653293		
1.00000	0.803100	71.141417	0.533228	
7.623322	0.862855	588.077159		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.483619	-71.141417	-0.480192	
-8.749900	-1.686337	-880.916783		
0.25000	-0.483619	-71.141417	-0.480192	
-8.749900	-1.604731	-792.732513		
0.50000	-0.483619	-71.141417	-0.480192	
-8.749900	-1.523126	-704.548244		
0.75000	-0.483619	-71.141417	-0.480192	
-8.749900	-1.441520	-616.363974		
1.00000	-0.483619	-71.141417	-0.480192	
-8.749900	-1.359915	-528.179704		

ELEM 82 ========== LENGTH = 4.958063

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.446763	3.880692	0.043299	
-0.285954	0.927834	83.632454		
0.25000	-0.446763	3.880692	0.043299	
-0.285954	0.874165	78.822275		
0.50000	-0.446763	3.880692	0.043299	
-0.285954	0.820495	74.012097		
0.75000	-0.446763	3.880692	0.043299	
-0.285954	0.766825	69.201919		
1.00000	-0.446763	3.880692	0.043299	
-0.285954	0.713156	64.391740		

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 212

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.208951	-21.611015	-0.014310	
1.445247	-1.495123	-465.100427		
0.25000	0.208951	-21.611015	-0.014310	
1.445247	-1.477385	-438.313233		
0.50000	0.208951	-21.611015	-0.014310	
1.445247	-1.459648	-411.526040		
0.75000	0.208951	-21.611015	-0.014310	
1.445247	-1.441910	-384.738847		
1.00000	0.208951	-21.611015	-0.014310	
1.445247	-1.424172	-357.951653		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.789726	45.568846	-0.571779	
-7.800795	-1.515414	588.255939		
0.25000	0.789726	45.568846	-0.571779	
-7.800795	-0.806685	531.772636		
0.50000	0.789726	45.568846	-0.571779	
-7.800795	-0.097957	475.289333		
0.75000	0.789726	45.568846	-0.571779	
-7.800795	0.610772	418.806030		
1.00000	0.789726	45.568846	-0.571779	
-7.800795	1.319500	362.322727		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.155506	-45.567999	0.588621	
5.899765	3.041659	-89.075054		
0.25000	-0.155506	-45.567999	0.588621	
5.899765	2.312054	-32.592802		
0.50000	-0.155506	-45.567999	0.588621	
5.899765	1.582450	23.889450		
0.75000	-0.155506	-45.567999	0.588621	
5.899765	0.852845	80.371703		
1.00000	-0.155506	-45.567999	0.588621	
5.899765	0.123241	136.853955		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.477512	21.614353	-0.043455	
0.911967	-1.243701	-143.509607		
0.25000	-0.477512	21.614353	-0.043455	
0.911967	-1.189838	-170.300938		
0.50000	-0.477512	21.614353	-0.043455	
0.911967	-1.135974	-197.092269		
0.75000	-0.477512	21.614353	-0.043455	
0.911967	-1.082110	-223.883600		
1.00000	-0.477512	21.614353	-0.043455	
0.911967	-1.028247	-250.674931		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.081105	-3.884877	-0.002375
-0.170230		0.284746	25.796695	
0.25000		0.081105	-3.884877	-0.002375
-0.170230		0.287690	30.612062	
0.50000		0.081105	-3.884877	-0.002375
-0.170230		0.290634	35.427429	
0.75000		0.081105	-3.884877	-0.002375
-0.170230		0.293578	40.242796	
1.00000		0.081105	-3.884877	-0.002375
-0.170230		0.296522	45.058162	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.134550	71.063891	-0.571935
-7.174782		-1.831281	528.378786	
0.25000		-0.134550	71.063891	-0.571935
-7.174782		-1.122359	440.293973	
0.50000		-0.134550	71.063891	-0.571935
-7.174782		-0.413436	352.209161	
0.75000		-0.134550	71.063891	-0.571935
-7.174782		0.295487	264.124348	
1.00000		-0.134550	71.063891	-0.571935
-7.174782		1.004409	176.039536	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
213

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.134550	-71.063891	0.571935
7.174782		1.831281	-528.378786	
0.25000		0.134550	-71.063891	0.571935
7.174782		1.122359	-440.293973	
0.50000		0.134550	-71.063891	0.571935
7.174782		0.413436	-352.209161	
0.75000		0.134550	-71.063891	0.571935
7.174782		-0.295487	-264.124348	
1.00000		0.134550	-71.063891	0.571935
7.174782		-1.004409	-176.039536	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.789726	71.063891	0.588621
7.174782		3.041659	588.255939	
0.25000		0.789726	71.063891	0.588621
7.174782		2.312054	531.772636	
0.50000		0.789726	71.063891	0.588621
7.174782		1.582450	475.289333	
0.75000		0.789726	71.063891	0.588621
7.174782		0.852845	418.806030	
1.00000		0.789726	71.063891	0.588621
7.174782		1.319500	362.322727	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.477512	-71.063891	-0.571935
-7.800795		-1.831281	-528.378786	
0.25000		-0.477512	-71.063891	-0.571935
-7.800795		-1.477385	-440.293973	
0.50000		-0.477512	-71.063891	-0.571935
-7.800795		-1.459648	-411.526040	
0.75000		-0.477512	-71.063891	-0.571935
-7.800795		-1.441910	-384.758847	
1.00000		-0.477512	-71.063891	-0.571935
-7.800795		-1.424172	-357.951653	

ELEM 83 ========== LENGTH = 4.957000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.441936	3.883154	0.037854
0.004130		0.753215	64.390042	
0.25000		-0.441936	3.883154	0.037854
0.004130		0.706304	59.577843	
0.50000		-0.441936	3.883154	0.037854
0.004130		0.659393	54.765644	
0.75000		-0.441936	3.883154	0.037854
0.004130		0.612482	49.953445	
1.00000		-0.441936	3.883154	0.037854
0.004130		0.565571	45.141246	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.208117	-21.625355	0.018436
0.123060		-1.266892	-357.965043	
0.25000		0.208117	-21.625355	0.018436
0.123060		-1.289738	-331.165821	
0.50000		0.208117	-21.625355	0.018436
0.123060		-1.312584	-304.366599	
0.75000		0.208117	-21.625355	0.018436
0.123060		-1.335431	-277.567378	
1.00000		0.208117	-21.625355	0.018436
0.123060		-1.358277	-250.768156	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.777636	45.589380	-0.625141
-6.706270		-1.304422	362.516817	
0.25000		0.777636	45.589380	-0.625141
-6.706270		-0.529716	306.020177	
0.50000		0.777636	45.589380	-0.625141
-6.706270		0.244990	249.523538	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
214

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.777636	45.589380	-0.625141
-6.706270		1.034696	193.026899	
1.00000		0.777636	45.589380	-0.625141
-6.706270		1.794402	136.530259	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.151389	-45.575118	0.610729
6.769735		2.861430	136.657638	
0.25000		-0.151389	-45.575118	0.610729
6.769735		2.104584	193.136603	
0.50000		-0.151389	-45.575118	0.610729
6.769735		1.347738	249.615568	
0.75000		-0.151389	-45.575118	0.610729
6.769735		0.590892	306.094533	
1.00000		-0.151389	-45.575118	0.610729
6.769735		-0.165954	362.573498	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.472289	21.611620	-0.039276
-0.209377		-1.400297	-250.654370	
0.25000		-0.472289	21.611620	-0.039276
-0.209377		-1.351624	-277.436569	
0.50000		-0.472289	21.611620	-0.039276
-0.209377		-1.302951	-304.218769	
0.75000		-0.472289	21.611620	-0.039276
-0.209377		-1.254278	-331.000968	
1.00000		-0.472289	21.611620	-0.039276
-0.209377		-1.205605	-357.783168	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.079861	-3.883681	-0.002602
0.018722		0.356965	45.054916	
0.25000		0.079861	-3.883681	-0.002602
0.018722		0.360189	49.867767	
0.50000		0.079861	-3.883681	-0.002602
0.018722		0.363414	54.680619	
0.75000		0.079861	-3.883681	-0.002602
0.018722		0.366638	59.493470	
1.00000		0.079861	-3.883681	-0.002602
0.018722		0.369863	64.306321	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.136588	71.084154	-0.626563
-6.911517		-1.951503	176.252489	
0.25000		-0.136588	71.084154	-0.626563
-6.911517		-1.175035	88.161451	
0.50000		-0.136588	71.084154	-0.626563
-6.911517		-0.398568	0.070413	
0.75000		-0.136588	71.084154	-0.626563
-6.911517		0.377900	-88.020625	
1.00000		-0.136588	71.084154	-0.626563
-6.911517		1.154368	-176.111662	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.136588	-71.084154	0.626563
6.911517		1.951503	-176.252489	
0.25000		0.136588	-71.084154	0.626563
6.911517		1.175035	-88.161451	
0.50000		0.136588	-71.084154	0.626563
6.911517		0.398568	-0.070413	
0.75000		0.136588	-71.084154	0.626563
6.911517		-0.377900	88.020625	
1.00000		0.136588	-71.084154	0.626563
6.911517		-1.154368	176.111662	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.777636	71.084154	0.626563
6.911517		2.861430	362.516817	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
215

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.777636	71.084154	0.626563
6.911517		2.104584	306.020177	
0.50000		0.777636	71.084154	0.626563
6.911517		1.347738	249.615568	
0.75000		0.777636	71.084154	0.626563
6.911517		1.019696	306.094533	
1.00000		0.777636	71.084154	0.626563
6.911517		1.794402	362.573498	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.472289	-71.084154	-0.626563
-6.911517		-1.951503	-357.965043	
0.25000		-0.472289	-71.084154	-0.626563
-6.911517		-1.351624	-331.165821	
0.50000		-0.472289	-71.084154	-0.626563
-6.911517		-1.312584	-304.366599	
0.75000		-0.472289	-71.084154	-0.626563
-6.911517		-1.335431	-331.000968	
1.00000		-0.472289	-71.084154	-0.626563
-6.911517		-1.358277	-357.783168	

ELEM 84 ========== LENGTH = 4.958063

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.437938	3.883295	0.035745
0.265024		0.562002	45.140781	
0.25000		-0.437938	3.883295	0.035745
0.265024		0.517695	40.327376	
0.50000		-0.437938	3.883295	0.035745
0.265024		0.473388	35.513970	
0.75000		-0.437938	3.883295	0.035745
0.265024		0.429081	30.700565	
1.00000		-0.437938	3.883295	0.035745
0.265024		0.384774	25.887159	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.207687	-21.626536	0.025343
-1.006469		-0.984861	-250.788346	
0.25000		0.207687	-21.626536	0.025343
-1.006469		-1.016274	-223.981915	
0.50000		0.207687	-21.626536	0.025343
-1.006469		-1.047686	-197.175483	
0.75000		0.207687	-21.626536	0.025343
-1.006469		-1.079099	-170.369052	
1.00000		0.207687	-21.626536	0.025343
-1.006469		-1.110512	-143.562620	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.766984	45.583049	-0.600279
-5.843140		-1.005830	136.730000	
0.25000		0.766984	45.583049	-0.600279
-5.843140		-0.261775	80.229093	
0.50000		0.766984	45.583049	-0.600279
-5.843140		0.482279	23.728185	
0.75000		0.766984	45.583049	-0.600279
-5.843140		1.226334	-32.772722	
1.00000		0.766984	45.583049	-0.600279
-5.843140		1.970389	-89.273630	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.147635	-45.555974	0.552622
7.859076		2.400785	362.382536	
0.25000		-0.147635	-45.555974	0.552622
7.859076		1.715801	418.849864	
0.50000		-0.147635	-45.555974	0.552622
7.859076		1.030818	475.317231	
0.75000		-0.147635	-45.555974	0.552622
7.859076		0.345834	531.784578	
1.00000		-0.147635	-45.555974	0.552622
7.859076		-0.339150	588.251925	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
216

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.467837	21.596090	-0.007569
-1.508408		-1.362856	-357.769403	
0.25000		-0.467837	21.596090	-0.007569
-1.508408		-1.353473	-384.538097	
0.50000		-0.467837	21.596090	-0.007569
-1.508408		-1.344091	-411.306791	
0.75000		-0.467837	21.596090	-0.007569
-1.508408		-1.334708	-438.075484	
1.00000		-0.467837	21.596090	-0.007569
-1.508408		-1.325326	-464.844178	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.078740	-3.879925	-0.005862
0.233917		0.359070	64.304431	
0.25000		0.078740	-3.879925	-0.005862
0.233917		0.398026	69.113659	
0.50000		0.078740	-3.879925	-0.005862
0.233917		0.405293	73.922887	
0.75000		0.078740	-3.879925	-0.005862
0.233917		0.412559	78.732115	
1.00000		0.078740	-3.879925	-0.005862
0.233917		0.419825	83.541343	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.138782	71.062434	-0.572103
-7.086524		-1.806684	-175.898622	
0.25000		-0.138792	71.062434	-0.572103
-7.086524		-1.097554	-263.981628	
0.50000		-0.138792	71.062434	-0.572103
-7.086524		-0.388424	-352.064635	
0.75000		-0.138792	71.062434	-0.572103
-7.086524		0.320707	-440.147642	
1.00000		-0.138792	71.062434	-0.572103
-7.086524		1.029837	-528.230648	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.138792	-71.062434	0.572103
7.086524		1.806684	175.898622	
0.25000		0.138792	-71.062434	0.572103
7.086524		1.097554	263.981628	
0.50000		0.138792	-71.062434	0.572103
7.086524		0.388424	352.064635	
0.75000		0.138792	-71.062434	0.572103
7.086524		-0.320707	440.147642	
1.00000		0.138792	-71.062434	0.572103
7.086524		-1.029837	528.230648	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.766984	71.062434	0.572103
7.859076		2.400785	362.382536	
0.25000		0.766984	71.062434	0.572103
7.859076		1.715801	418.849864	
0.50000		0.766984	71.062434	0.572103
7.859076		1.030818	475.317231	
0.75000		0.766984	71.062434	0.572103
7.859076		1.226334	531.784578	
1.00000		0.766984	71.062434	0.572103
7.859076		1.970389	588.251925	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.467837	-71.062434	-0.600279
-7.086524		-1.806684	-357.769403	
0.25000		-0.467837	-71.062434	-0.600279
-7.086524		-1.353473	-384.538097	
0.50000		-0.467837	-71.062434	-0.600279
-7.086524		-1.344091	-411.306791	
0.75000		-0.467837	-71.062434	-0.600279
-7.086524		-1.334708	-440.147642	
1.00000		-0.467837	-71.062434	-0.600279
-7.086524		-1.325326	-528.230648	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
217

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 85 ========== LENGTH = 4.958252

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.434758	3.883969	0.035255
0.520116		0.351288	25.887192	
0.25000		-0.434758	3.883969	0.035255
0.520116		0.307587	21.072768	
0.50000		-0.434758	3.883969	0.035255
0.520116		0.263886	16.258344	
0.75000		-0.434758	3.883969	0.035255
0.520116		0.220186	11.443920	
1.00000		-0.434758	3.883969	0.035255
0.520116		0.176485	6.629495	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.207571	-21.620477	0.020904
-1.819257		0.528452	-143.589235	
0.25000		0.207571	-21.620477	0.020904
-1.819257		-0.624364	-116.786291	
0.50000		0.207571	-21.620477	0.020904
-1.819257		-0.650277	-89.986347	
0.75000		0.207571	-21.620477	0.020904
-1.819257		-0.676189	-63.186403	
1.00000		0.207571	-21.620477	0.020904
-1.819257		-0.702101	-36.386458	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.757927	45.603781	-0.543452
-5.250218		-0.840118	-89.076931	
0.25000		0.757927	45.603781	-0.543452
-5.250218		-0.166475	-145.605691	
0.50000		0.757927	45.603781	-0.543452
-5.250218		0.507169	-202.134452	
0.75000		0.757927	45.603781	-0.543452
-5.250218		1.180813	-258.663212	
1.00000		0.757927	45.603781	-0.543452
-5.250218		1.854456	-315.191973	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.144414	-45.630935	0.454809
8.788377		1.890996	588.076035	
0.25000		-0.144414	-45.630935	0.454809
8.788377		1.327231	644.638455	
0.50000		-0.144414	-45.630935	0.454809
8.788377		0.763466	701.200875	
0.75000		-0.144414	-45.630935	0.454809
8.788377		0.199701	757.763295	
1.00000		-0.144414	-45.630935	0.454809
8.788377		-0.364064	814.325715	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.464046	21.654498	0.043904
-2.656899		-1.190667	-464.841729	
0.25000		-0.464046	21.654498	0.043904
-2.656899		-1.245089	-491.683844	
0.50000		-0.464046	21.654498	0.043904
-2.656899		-1.299510	-518.525959	
0.75000		-0.464046	21.654498	0.043904
-2.656899		-1.353932	-545.368074	
1.00000		-0.464046	21.654498	0.043904
-2.656899		-1.408353	-572.210189	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.077719	-3.890835	-0.011420
0.417881		0.386954	83.541668	
0.25000		0.077719	-3.890835	-0.011420
0.417881		0.401110	88.364603	
0.50000		0.077719	-3.890835	-0.011420
0.417881		0.415266	93.187538	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
218

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.077719	-3.890835	-0.011420
0.417881		0.429422	98.010474	
1.00000		0.077719	-3.890835	-0.011420
0.417881		0.443577	102.833409	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.140877	71.142248	-0.464294
-7.387001		-1.679498	-528.031467	
0.25000		-0.140877	71.142248	-0.464294
-7.387001		-1.103976	-616.216767	
0.50000		-0.140877	71.142248	-0.464294
-7.387001		-0.528455	-704.402067	
0.75000		-0.140877	71.142248	-0.464294
-7.387001		0.047067	-792.587367	
1.00000		-0.140877	71.142248	-0.464294
-7.387001		0.622588	-880.772666	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.140877	-71.142248	0.464294
7.387001		1.679498	528.031467	
0.25000		0.140877	-71.142248	0.464294
7.387001		1.103976	616.216767	
0.50000		0.140877	-71.142248	0.464294
7.387001		0.528455	704.402067	
0.75000		0.140877	-71.142248	0.464294
7.387001		-0.047067	792.587367	
1.00000		0.140877	-71.142248	0.464294
7.387001		-0.622588	880.772666	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.757927	71.142248	0.464294
8.788377		1.890996	588.076035	
0.25000		0.757927	71.142248	0.464294
8.788377		1.327231	644.638455	
0.50000		0.757927	71.142248	0.464294
8.788377		0.763466	704.402067	
0.75000		0.757927	71.142248	0.464294
8.788377		1.180813	792.587367	
1.00000		0.757927	71.142248	0.464294
8.788377		1.854456	880.772666	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.464046	-71.142248	-0.543452
-7.387001		-1.679498	-528.031467	
0.25000		-0.464046	-71.142248	-0.543452
-7.387001		-1.245089	-616.216767	
0.50000		-0.464046	-71.142248	-0.543452
-7.387001		-1.299510	-704.402067	
0.75000		-0.464046	-71.142248	-0.543452
-7.387001		-1.353932	-792.587367	
1.00000		-0.464046	-71.142248	-0.543452
-7.387001		-1.408353	-880.772666	

ELEM 86 ========== LENGTH = 4.957552

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.432340	3.894663	0.034788
0.806413		0.126982	6.629240	
0.25000		-0.432340	3.894663	0.034788
0.806413		0.083867	1.802241	
0.50000		-0.432340	3.894663	0.034788
0.806413		0.040751	-3.024758	
0.75000		-0.432340	3.894663	0.034788
0.806413		-0.002364	-7.851756	
1.00000		-0.432340	3.894663	0.034788
0.806413		-0.045480	-12.678755	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
219

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.207486	-21.635257	0.023128
-2.280476		-0.130190	-36.410849	
0.25000		0.207486	-21.635257	0.023128
-2.280476		-0.158854	-9.596369	
0.50000		0.207486	-21.635257	0.023128
-2.280476		-0.187518	17.218111	
0.75000		0.207486	-21.635257	0.023128
-2.280476		-0.216182	44.032591	
1.00000		0.207486	-21.635257	0.023128
-2.280476		-0.244846	70.847071	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.751367	45.553181	-0.562126
-4.426499		-0.816827	-315.008295	
0.25000		0.751367	45.553181	-0.562126
-4.426499		-0.120134	-371.466365	
0.50000		0.751367	45.553181	-0.562126
-4.426499		0.576558	-427.924435	
0.75000		0.751367	45.553181	-0.562126
-4.426499		1.273251	-484.382505	
1.00000		0.751367	45.553181	-0.562126
-4.426499		1.969943	-540.840574	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.142085	-45.537334	0.481005
8.375901		1.402419	814.178339	
0.25000		-0.142085	-45.537334	0.481005
8.375901		0.806267	870.616768	
0.50000		-0.142085	-45.537334	0.481005
8.375901		0.210115	927.055197	
0.75000		-0.142085	-45.537334	0.481005
8.375901		-0.386037	983.493626	
1.00000		-0.142085	-45.537334	0.481005
8.375901		-0.982189	1039.932	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.461252	21.615702	0.035979
-2.927013		-0.929180	-572.225575	
0.25000		-0.461252	21.615702	0.035979
-2.927013		-0.973771	-599.015819	
0.50000		-0.461252	21.615702	0.035979
-2.927013		-1.018363	-625.806063	
0.75000		-0.461252	21.615702	0.035979
-2.927013		-1.062954	-652.596306	
1.00000		-0.461252	21.615702	0.035979
-2.927013		-1.107546	-679.386550	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.076823	-3.890955	-0.012773
0.451674		0.346795	102.837140	
0.25000		0.076823	-3.890955	-0.012773
0.451674		0.362626	107.659544	
0.50000		0.076823	-3.890955	-0.012773
0.451674		0.378456	112.481947	
0.75000		0.076823	-3.890955	-0.012773
0.451674		0.394287	117.304350	
1.00000		0.076823	-3.890955	-0.012773
0.451674		0.410117	122.126753	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.142224	71.063546	-0.491360
-6.547100		-1.619025	-880.604630	
0.25000		-0.142224	71.063546	-0.491360
-6.547100		-1.010039	-968.679943	
0.50000		-0.142224	71.063546	-0.491360
-6.547100		-0.401053	-1056.755	
0.75000		-0.142224	71.063546	-0.491360
-6.547100		0.207932	-1144.831	
1.00000		-0.142224	71.063546	-0.491360
-6.547100		0.816918	-1232.906	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
220

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.142224	-71.063546	0.491360
6.547100		1.619025	880.604630	
0.25000		0.142224	-71.063546	0.491360
6.547100		1.010039	968.679943	
0.50000		0.142224	-71.063546	0.491360
6.547100		0.401053	1056.755	
0.75000		0.142224	-71.063546	0.491360
6.547100		-0.207932	1144.831	
1.00000		0.142224	-71.063546	0.491360
6.547100		-0.816918	1232.906	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.751367	71.063546	0.491360
8.375901		1.619025	880.604630	
0.25000		0.751367	71.063546	0.491360
8.375901		1.010039	968.679943	
0.50000		0.751367	71.063546	0.491360
8.375901		0.576558	1056.755	
0.75000		0.751367	71.063546	0.491360
8.375901		1.273251	1144.831	
1.00000		0.751367	71.063546	0.491360
8.375901		1.969943	1232.906	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.461252	-71.063546	-0.562126
-6.547100		-1.619025	-880.604630	
0.25000		-0.461252	-71.063546	-0.562126
-6.547100		-1.010039	-968.679943	
0.50000		-0.461252	-71.063546	-0.562126
-6.547100		-1.018363	-1056.755	
0.75000		-0.461252	-71.063546	-0.562126
-6.547100		-1.062954	-1144.831	
1.00000		-0.461252	-71.063546	-0.562126
-6.547100		-1.107546	-1232.906	

ELEM 87 ========== LENGTH = 4.957989

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.430665	3.917382	0.033887
1.173314		-0.098174	-12.680562	
0.25000		-0.430665	3.917382	0.033887
1.173314		-0.140177	-17.536145	
0.50000		-0.430665	3.917382	0.033887
1.173314		-0.182180	-22.391729	
0.75000		-0.430665	3.917382	0.033887
1.173314		-0.224184	-27.247312	
1.00000		-0.430665	3.917382	0.033887
1.173314		-0.266187	-32.102896	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.208194	-21.656208	0.054147
-2.505819		0.314230	70.825544	
0.25000		0.208194	-21.656208	0.054147
-2.505819		0.247115	97.668351	
0.50000		0.208194	-21.656208	0.054147
-2.505819		0.180000	124.511158	
0.75000		0.208194	-21.656208	0.054147
-2.505819		0.112886	151.353965	
1.00000		0.208194	-21.656208	0.054147
-2.505819		0.045771	178.196772	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.742740	45.554093	-0.878658
-2.860384		-0.419547	-540.678541	
0.25000		0.742740	45.554093	-0.878658
-2.860384		0.669547	-597.142708	
0.50000		0.742740	45.554093	-0.878658
-2.860384		1.758641	-653.606875	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
221

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.742740	45.554093	-0.878658
-2.860384		2.847736	-710.071043	
1.00000		0.742740	45.554093	-0.878658
-2.860384		3.936830	-766.535210	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.136668	-45.637267	1.026718
5.778391		0.207536	1039.825	
0.25000		-0.136668	-45.637267	1.026718
5.778391		-1.065078	1096.392	
0.50000		-0.136668	-45.637267	1.026718
5.778391		-2.337692	1152.959	
0.75000		-0.136668	-45.637267	1.026718
5.778391		-3.610306	1209.526	
1.00000		-0.136668	-45.637267	1.026718
5.778391		-4.882920	1266.094	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.459524	21.761861	-0.243855
-1.887233		-0.245571	-679.425938	
0.25000		-0.459524	21.761861	-0.243855
-1.887233		0.056686	-706.399702	
0.50000		-0.459524	21.761861	-0.243855
-1.887233		0.358943	-733.373466	
0.75000		-0.459524	21.761861	-0.243855
-1.887233		0.661200	-760.347230	
1.00000		-0.459524	21.761861	-0.243855
-1.887233		0.963457	-787.320994	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.075923	-3.939861	0.007761
0.301731		0.241527	122.134937	
0.25000		0.075923	-3.939861	0.007761
0.301731		0.231908	127.018383	
0.50000		0.075923	-3.939861	0.007761
0.301731		0.222288	131.901829	
0.75000		0.075923	-3.939861	0.007761
0.301731		0.212669	136.785275	
1.00000		0.075923	-3.939861	0.007761
0.301731		0.203049	141.668721	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.147449	71.233335	-1.088625
-3.574303		-0.763292	-1232.785	
0.25000		-0.147449	71.233335	-1.088625
-3.574303		0.586056	-1321.079	
0.50000		-0.147449	71.233335	-1.088625
-3.574303		1.935403	-1409.372	
0.75000		-0.147449	71.233335	-1.088625
-3.574303		3.284751	-1497.666	
1.00000		-0.147449	71.233335	-1.088625
-3.574303		4.634099	-1585.959	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.147449	-71.233335	1.088625
3.574303		0.763292	1232.785	
0.25000		0.147449	-71.233335	1.088625
3.574303		-0.586056	1321.079	
0.50000		0.147449	-71.233335	1.088625
3.574303		-1.935403	1409.372	
0.75000		0.147449	-71.233335	1.088625
3.574303		-3.284751	1497.666	
1.00000		0.147449	-71.233335	1.088625
3.574303		-4.634099	1585.959	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.742740	71.233335	1.088625
5.778391		0.763292	1232.785	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
222

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.742740	71.233335	1.088625
5.778391		0.669547	1321.079	
0.50000		0.742740	71.233335	1.088625
5.778391		1.935403	1409.372	
0.75000		0.742740	71.233335	1.088625
5.778391		3.284751	1497.666	
1.00000		0.742740	71.233335	1.088625
5.778391		4.634099	1585.959	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.459524	-71.233335	-1.088625
-3.574303		-0.763292	-1232.785	
0.25000		-0.459524	-71.233335	-1.088625
-3.574303		-1.065078	-1321.079	
0.50000		-0.459524	-71.233335	-1.088625
-3.574303		-2.337692	-1409.372	
0.75000		-0.459524	-71.233335	-1.088625
-3.574303		-3.610306	-1497.666	
1.00000		-0.459524	-71.233335	-1.088625
-3.574303		-4.882920	-1585.959	

ELEM 88 ========== LENGTH = 3.471017

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.429519	3.944437	0.036328
1.520150		-0.315379	-32.105422	
0.25000		-0.429519	3.944437	0.036328
1.520150		-0.346903	-35.528224	
0.50000		-0.429519	3.944437	0.036328
1.520150		-0.378426	-38.951026	
0.75000		-0.429519	3.944437	0.036328
1.520150		-0.409950	-42.373828	
1.00000		-0.429519	3.944437	0.036328
1.520150		-0.441473	-45.796630	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.208805	-21.685697	0.110749
-2.672606		0.563121	178.176248	
0.25000		0.208805	-21.685697	0.110749
-2.672606		0.467018	196.994101	
0.50000		0.208805	-21.685697	0.110749
-2.672606		0.370916	215.811954	
0.75000		0.208805	-21.685697	0.110749
-2.672606		0.274813	234.629807	
1.00000		0.208805	-21.685697	0.110749
-2.672606		0.178710	253.447660	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.735352	45.430082	-1.643261
0.156408		1.823781	-766.399730	
0.25000		0.735352	45.430082	-1.643261
0.156408		3.249728	-805.821871	
0.50000		0.735352	45.430082	-1.643261
0.156408		4.675674	-845.244013	
0.75000		0.735352	45.430082	-1.643261
0.156408		6.101621	-884.666154	
1.00000		0.735352	45.430082	-1.643261
0.156408		7.527568	-924.088295	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.129092	-45.492503	2.522289
-0.153585		-4.330604	1266.043	
0.25000		-0.129092	-45.492503	2.522289
-0.153585		-6.519331	1305.520	
0.50000		-0.129092	-45.492503	2.522289
-0.153585		-8.708057	1344.996	
0.75000		-0.129092	-45.492503	2.522289
-0.153585		-10.896784	1384.472	
1.00000		-0.129092	-45.492503	2.522289
-0.153585		-13.085510	1423.949	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
223

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.460774	21.790912	-1.108693
1.160870		2.316491	-787.397750	
0.25000		-0.460774	21.790912	-1.108693
1.160870		3.278564	-806.306904	
0.50000		-0.460774	21.790912	-1.108693
1.160870		4.240637	-825.216058	
0.75000		-0.460774	21.790912	-1.108693
1.160870		5.202710	-844.125212	
1.00000		-0.460774	21.790912	-1.108693
1.160870		6.164782	-863.034366	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.075228	-3.987232	0.082589
-0.011237		-0.057218	141.683324	
0.25000		0.075228	-3.987232	0.082589
-0.011237		-0.129077	145.143261	
0.50000		0.075228	-3.987232	0.082589
-0.011237		-0.200744	148.603198	
0.75000		0.075228	-3.987232	0.082589
-0.011237		-0.272410	152.063135	
1.00000		0.075228	-3.987232	0.082589
-0.011237		-0.344077	155.523072	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.154941	71.165431	-2.715626
2.837428		3.824893	-1585.903	
0.25000		-0.154941	71.165431	-2.715626
2.837428		6.181389	-1647.657	
0.50000		-0.154941	71.165431	-2.715626
2.837428		8.537885	-1709.411	
0.75000		-0.154941	71.165431	-2.715626
2.837428		10.894381	-1771.165	
1.00000		-0.154941	71.165431	-2.715626
2.837428		13.250877	-1832.919	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.154941	-71.165431	2.715626
-2.837428		-3.824893	1585.903	
0.25000		0.154941	-71.165431	2.715626
-2.837428		-6.181389	1647.657	
0.50000		0.154941	-71.165431	2.715626
-2.837428		-8.537885	1709.411	
0.75000		0.154941	-71.165431	2.715626
-2.837428		-10.894381	1771.165	
1.00000		0.154941	-71.165431	2.715626
-2.837428		-13.250877	1832.919	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.735352	71.165431	2.715626
2.837428		3.824893	1585.903	
0.25000		0.735352	71.165431	2.715626
2.837428		6.181389	1647.657	
0.50000		0.735352	71.165431	2.715626
2.837428		8.537885	1709.411	
0.75000		0.735352	71.165431	2.715626
2.837428		10.894381	1771.165	
1.00000		0.735352	71.165431	2.715626
2.837428		13.250877	1832.919	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.460774	-71.165431	-2.715626
-2.837428		-4.330604	-1585.903	
0.25000		-0.460774	-71.165431	-2.715626
-2.837428		-6.519331	-1647.657	
0.50000		-0.460774	-71.165431	-2.715626
-2.837428		-8.708057	-1709.411	
0.75000		-0.460774	-71.165431	-2.715626
-2.837428		-10.896784	-1771.165	
1.00000		-0.460774	-71.165431	-2.715626
-2.837428		-13.085510	-1832.919	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
224

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 89 ========== LENGTH = 3.470356

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.019564	-1.083114	-0.005568
1.466357		-0.483467	-45.308666	
0.25000		-0.019564	-1.083114	-0.005568
1.466357		-0.478637	-44.368968	
0.50000		-0.019564	-1.083114	-0.005568
1.466357		-0.473806	-43.429271	
0.75000		-0.019564	-1.083114	-0.005568
1.466357		-0.468975	-42.489573	
1.00000		-0.019564	-1.083114	-0.005568
1.466357		-0.464144	-41.549876	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065932	6.290451	-0.074491
-2.247843		0.641947	253.257119	
0.25000		0.065932	6.290451	-0.074491
-2.247843		0.706574	247.799593	
0.50000		0.065932	6.290451	-0.074491
-2.247843		0.771202	242.342067	
0.75000		0.065932	6.290451	-0.074491
-2.247843		0.835829	236.884541	
1.00000		0.065932	6.290451	-0.074491
-2.247843		0.900457	231.427015	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.222011	-22.969341	1.119428
-0.184027		5.655077	-925.121540	
0.25000		-0.222011	-22.969341	1.119428
-0.184027		4.683873	-905.193592	
0.50000		-0.222011	-22.969341	1.119428
-0.184027		3.712669	-885.265645	
0.75000		-0.222011	-22.969341	1.119428
-0.184027		2.741466	-865.337698	
1.00000		-0.222011	-22.969341	1.119428
-0.184027		1.770262	-845.409751	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.246589	44.384293	-2.529892
-0.279403		-13.057365	1423.806	
0.25000		-0.246589	44.384293	-2.529892
-0.279403		-10.862459	1385.299	
0.50000		-0.246589	44.384293	-2.529892
-0.279403		-8.667552	1346.792	
0.75000		-0.246589	44.384293	-2.529892
-0.279403		-6.472646	1308.284	
1.00000		-0.246589	44.384293	-2.529892
-0.279403		-4.277740	1269.777	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.884859	-39.791834	1.660270
0.979568		7.923979	-861.531966	
0.25000		0.884859	-39.791834	1.660270
0.979568		6.938546	-827.009010	
0.50000		0.884859	-39.791834	1.660270
0.979568		5.043114	-792.486053	
0.75000		0.884859	-39.791834	1.660270
0.979568		3.602682	-757.963097	
1.00000		0.884859	-39.791834	1.660270
0.979568		2.162250	-723.440140	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.462628	13.169545	-0.169748
0.265347		-0.680170	154.898823	
0.25000		-0.462628	13.169545	-0.169748
0.265347		-0.532899	143.473071	
0.50000		-0.462628	13.169545	-0.169748
0.265347		-0.385627	132.047319	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
225

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.462628	13.169545	-0.169748
0.265347		-0.238356	120.621567	
1.00000		-0.462628	13.169545	-0.169748
0.265347		-0.091085	109.195815	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.643284	-63.844289	2.774130
2.261899		13.095588	-1831.962	
0.25000		0.643284	-63.844289	2.774130
2.261899		10.688783	-1776.572	
0.50000		0.643284	-63.844289	2.774130
2.261899		8.281978	-1721.181	
0.75000		0.643284	-63.844289	2.774130
2.261899		5.875173	-1665.790	
1.00000		0.643284	-63.844289	2.774130
2.261899		3.468368	-1610.400	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.643284	63.844289	-2.774130
-2.261899		-13.095588	1831.962	
0.25000		-0.643284	63.844289	-2.774130
-2.261899		-10.688783	1776.572	
0.50000		-0.643284	63.844289	-2.774130
-2.261899		-8.281978	1721.181	
0.75000		-0.643284	63.844289	-2.774130
-2.261899		-5.875173	1665.790	
1.00000		-0.643284	63.844289	-2.774130
-2.261899		-3.468368	1610.400	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.884859	63.844289	2.774130
2.261899		13.095588	1831.962	
0.25000		0.884859	63.844289	2.774130
2.261899		10.688783	1776.572	
0.50000		0.884859	63.844289	2.774130
2.261899		8.281978	1721.181	
0.75000		0.884859	63.844289	2.774130
2.261899		5.875173	1665.790	
1.00000		0.884859	63.844289	2.774130
2.261899		3.468368	1610.400	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.643284	-63.844289	-2.774130
-2.261899		-13.095588	-1831.962	
0.25000		-0.643284	-63.844289	-2.774130
-2.261899		-10.862459	-1776.572	
0.50000		-0.643284	-63.844289	-2.774130
-2.261899		-8.667552	-1721.181	
0.75000		-0.643284	-63.844289	-2.774130
-2.261899		-6.472646	-1665.790	
1.00000		-0.643284	-63.844289	-2.774130
-2.261899		-4.277740	-1610.400	

ELEM 90 ========== LENGTH = 4.957518

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.019069	-1.105255	-0.007021
0.966247		-0.494133	-41.552745	
0.25000		-0.019069	-1.105255	-0.007021
0.966247		-0.485431	-40.182914	
0.50000		-0.019069	-1.105255	-0.007021
0.966247		-0.476728	-38.813084	
0.75000		-0.019069	-1.105255	-0.007021
0.966247		-0.468026	-37.443253	
1.00000		-0.019069	-1.105255	-0.007021
0.966247		-0.459324	-36.073422	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
226

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065974	6.281394	0.009222
-1.877396		1.256244	231.413903	
0.25000		0.065974	6.281394	0.009222
-1.877396		1.244815	223.628872	
0.50000		0.065974	6.281394	0.009222
-1.877396		1.233386	215.843841	
0.75000		0.065974	6.281394	0.009222
-1.877396		1.221957	208.058809	
1.00000		0.065974	6.281394	0.009222
-1.877396		1.210528	200.273778	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.219918	-22.984303	0.240011
2.809345		0.328967	-845.330250	
0.25000		-0.219918	-22.984303	0.240011
2.809345		0.031502	-816.844974	
0.50000		-0.219918	-22.984303	0.240011
2.809345		-0.265963	-788.357697	
0.75000		-0.219918	-22.984303	0.240011
2.809345		-0.563428	-759.871421	
1.00000		-0.219918	-22.984303	0.240011
2.809345		-0.860893	-731.385145	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.254045	44.541382	-1.031481
-6.491366		-4.776788	1269.824	
0.25000		-0.254045	44.541382	-1.031481
-6.491366		-3.498392	1214.620	
0.50000		-0.254045	44.541382	-1.031481
-6.491366		-2.219995	1159.416	
0.75000		-0.254045	44.541382	-1.031481
-6.491366		-0.941598	1104.212	
1.00000		-0.254045	44.541382	-1.031481
-6.491366		0.336798	1049.009	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.891565	-39.910579	0.902391
4.127342		4.149671	-723.571265	
0.25000		0.891565	-39.910579	0.902391
4.127342		3.031266	-674.106907	
0.50000		0.891565	-39.910579	0.902391
4.127342		1.912860	-624.642549	
0.75000		0.891565	-39.910579	0.902391
4.127342		0.794455	-575.178191	
1.00000		0.891565	-39.910579	0.902391
4.127342		-0.323951	-525.713834	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.464508	13.177362	-0.113122
0.465827		-0.463961	109.216837	
0.25000		-0.464508	13.177362	-0.113122
0.465827		-0.323760	92.885084	
0.50000		-0.464508	13.177362	-0.113122
0.465827		-0.183559	76.553330	
0.75000		-0.464508	13.177362	-0.113122
0.465827		-0.043358	60.221577	
1.00000		-0.464508	13.177362	-0.113122
0.465827		0.096842	43.889824	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.652578	-64.000137	1.135381
7.902935		3.984505	-1610.454	
0.25000		0.652578	-64.000137	1.135381
7.902935		2.577337	-1531.134	
0.50000		0.652578	-64.000137	1.135381
7.902935		1.170169	-1451.813	
0.75000		0.652578	-64.000137	1.135381
7.902935		-0.237000	-1372.493	
1.00000		0.652578	-64.000137	1.135381
7.902935		-1.644168	-1293.172	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
227

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.652578	64.000137	-1.135381
-7.902935		-3.984505	1610.454	
0.25000		-0.652578	64.000137	-1.135381
-7.902935		-2.577337	1531.134	
0.50000		-0.652578	64.000137	-1.135381
-7.902935		-1.170169	1451.813	
0.75000		-0.652578	64.000137	-1.135381
-7.902935		0.237000	1372.493	
1.00000		-0.652578	64.000137	-1.135381
-7.902935		1.644168	1293.172	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.891565	64.000137	1.135381
7.902935		4.149671	1610.454	
0.25000		0.891565	64.000137	1.135381
7.902935		3.031266	1531.134	
0.50000		0.891565	64.000137	1.135381
7.902935		1.912860	1451.813	
0.75000		0.891565	64.000137	1.135381
7.902935		0.794453	1372.493	
1.00000		0.891565	64.000137	1.135381
7.902935		1.644168	1293.172	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.652578	-64.000137	-1.135381
-7.902935		-4.776788	-1610.454	
0.25000		-0.652578	-64.000137	-1.135381
-7.902935		-3.498392	-1531.134	
0.50000		-0.652578	-64.000137	-1.135381
-7.902935		-2.219995	-1451.813	
0.75000		-0.652578	-64.000137	-1.135381
-7.902935		-0.941598	-1372.493	
1.00000		-0.652578	-64.000137	-1.135381
-7.902935		-1.644168	-1293.172	

ELEM 91 ========== LENGTH = 4.958415

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.018725	-1.119250	-0.006913
0.447921		-0.472423	-36.076351	
0.25000		-0.018725	-1.119250	-0.006913
0.447921		-0.463854	-34.688924	
0.50000		-0.018725	-1.119250	-0.006913
0.447921		-0.455285	-33.301497	
0.75000		-0.018725	-1.119250	-0.006913
0.447921		-0.446716	-31.914070	
1.00000		-0.018725	-1.119250	-0.006913
0.447921		-0.438147	-30.526643	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.066416	6.251836	0.030905
-1.233608		1.432029	200.268627	
0.25000		0.066416	6.251836	0.030905
-1.233608		1.393719	192.518827	
0.50000		0.066416	6.251836	0.030905
-1.233608		1.355409	184.769028	
0.75000		0.066416	6.251836	0.030905
-1.233608		1.317099	177.019229	
1.00000		0.066416	6.251836	0.030905
-1.233608		1.278790	169.269430	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.220626	-22.853954	-0.044620
3.403611		-1.778463	-731.346313	
0.25000		-0.220626	-22.853954	-0.044620
3.403611		-1.723152	-703.016465	
0.50000		-0.220626	-22.853954	-0.044620
3.403611		-1.667841	-674.686617	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
228

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.220626	-22.853954	-0.044620
3.403611		-1.612530	-646.356769	
1.00000		-0.220626	-22.853954	-0.044620
3.403611		-1.557219	-618.026921	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.260093	44.444584	-0.488555
-8.797396		-0.804988	1049.117	
0.25000		-0.260093	44.444584	-0.488555
-8.797396		-0.199372	994.023734	
0.50000		-0.260093	44.444584	-0.488555
-8.797396		0.406243	938.930058	
0.75000		-0.260093	44.444584	-0.488555
-8.797396		1.011858	883.836383	
1.00000		-0.260093	44.444584	-0.488555
-8.797396		1.617473	828.742708	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.900373	-39.913401	0.595945
5.483099		1.930415	-525.874378	
0.25000		0.900373	-39.913401	0.595945
5.483099		1.191680	-476.397574	
0.50000		0.900373	-39.913401	0.595945
5.483099		0.452945	-426.920771	
0.75000		0.900373	-39.913401	0.595945
5.483099		-0.285791	-377.443967	
1.00000		0.900373	-39.913401	0.595945
5.483099		-1.024526	-327.967164	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.467345	13.190186	-0.086761
0.696373		-0.306570	43.911007	
0.25000		-0.467345	13.190186	-0.086761
0.696373		-0.199020	27.560402	
0.50000		-0.467345	13.190186	-0.086761
0.696373		-0.091471	11.209798	
0.75000		-0.467345	13.190186	-0.086761
0.696373		0.016079	-5.140806	
1.00000		-0.467345	13.190186	-0.086761
0.696373		0.123629	-21.491410	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.661022	-63.886606	0.544412
9.334631		-0.320471	-1293.297	
0.25000		0.661022	-63.886606	0.544412
9.334631		-0.995326	-1214.103	
0.50000		0.661022	-63.886606	0.544412
9.334631		-1.670182	-1134.909	
0.75000		0.661022	-63.886606	0.544412
9.334631		-2.345037	-1055.715	
1.00000		0.661022	-63.886606	0.544412
9.334631		-3.019892	-976.520727	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.661022	63.886606	-0.544412
-9.334631		0.320471	1293.297	
0.25000		-0.661022	63.886606	-0.544412
-9.334631		0.995326	1214.103	
0.50000		-0.661022	63.886606	-0.544412
-9.334631		1.670182	1134.909	
0.75000		-0.661022	63.886606	-0.544412
-9.334631		2.345037	1055.715	
1.00000		-0.661022	63.886606	-0.544412
-9.334631		3.019892	976.520727	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.900373	63.886606	0.595945
9.334631		1.930415	1293.297	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
229

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.900373	63.886606	0.595945
9.334631		1.393719	1214.103	
0.50000		0.900373	63.886606	0.595945
9.334631		1.670182	1134.909	
0.75000		0.900373	63.886606	0.595945
9.334631		2.345037	1055.715	
1.00000		0.900373	63.886606	0.595945
9.334631		3.019892	976.520727	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.661022	-63.886606	-0.544412
-9.334631		-1.778463	-1293.297	
0.25000		-0.661022	-63.886606	-0.544412
-9.334631		-1.723152	-1214.103	
0.50000		-0.661022	-63.886606	-0.544412
-9.334631		-1.670182	-1134.909	
0.75000		-0.661022	-63.886606	-0.544412
-9.334631		-2.345037	-1055.715	
1.00000		-0.661022	-63.886606	-0.544412
-9.334631		-3.019892	-976.520727	

ELEM 92 ========== LENGTH = 4.957366

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.018430	-1.130347	-0.007455
0.095001		-0.437112	-30.528016	
0.25000		-0.018430	-1.130347	-0.007455
0.095001		-0.427873	-29.127130	
0.50000		-0.018430	-1.130347	-0.007455
0.095001		-0.418634	-27.726244	
0.75000		-0.018430	-1.130347	-0.007455
0.095001		-0.409395	-26.325358	
1.00000		-0.018430	-1.130347	-0.007455
0.095001		-0.400156	-24.924472	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.066806	6.270436	0.029941
-0.657044		1.393860	169.267098	
0.25000		0.066806	6.270436	0.029941
-0.657044		1.356753	161.495887	
0.50000		0.066806	6.270436	0.029941
-0.657044		1.319646	153.724675	
0.75000		0.066806	6.270436	0.029941
-0.657044		1.282539	145.953464	
1.00000		0.066806	6.270436	0.029941
-0.657044		1.245433	138.182253	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.222046	-22.902490	-0.052115
2.897142		-2.065865	-618.011646	
0.25000		-0.222046	-22.902490	-0.052115
2.897142		-2.001277	-589.627642	
0.50000		-0.222046	-22.902490	-0.052115
2.897142		-1.936689	-561.243639	
0.75000		-0.222046	-22.902490	-0.052115
2.897142		-1.872101	-532.859636	
1.00000		-0.222046	-22.902490	-0.052115
2.897142		-1.807513	-504.475633	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.263164	44.538253	-0.469637
-9.131264		-0.107777	828.889730	
0.25000		-0.263164	44.538253	-0.469637
-9.131264		0.474264	773.691631	
0.50000		-0.263164	44.538253	-0.469637
-9.131264		1.056305	718.493531	
0.75000		-0.263164	44.538253	-0.469637
-9.131264		1.638346	663.295432	
1.00000		-0.263164	44.538253	-0.469637
-9.131264		2.220387	608.097332	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
230

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.907412	-39.968512	0.585975
6.155482		1.511312	-328.147605	
0.25000		0.907412	-39.968512	0.585975
6.155482		0.785089	-278.612974	
0.50000		0.907412	-39.968512	0.585975
6.155482		0.058867	-229.078344	
0.75000		0.907412	-39.968512	0.585975
6.155482		-0.667356	-179.543713	
1.00000		0.907412	-39.968512	0.585975
6.155482		-1.393579	-130.009082	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.470578	13.192660	-0.086709
0.640682		-0.279418	21.496562	
0.25000		-0.470578	13.192660	-0.086709
0.640682		-0.186957	-37.819771	
0.50000		-0.470578	13.192660	-0.086709
0.640682		-0.079495	-54.169980	
0.75000		-0.470578	13.192660	-0.086709
0.640682		0.027967	-70.520189	
1.00000		-0.470578	13.192660	-0.086709
0.640682		0.135428	-86.870398	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.666935	-64.001349	0.526405
9.147625		-0.991664	-976.687266	
0.25000		0.666935	-64.001349	0.526405
9.147625		-1.644060	-897.367747	
0.50000		0.666935	-64.001349	0.526405
9.147625		-2.296456	-818.048227	
0.75000		0.666935	-64.001349	0.526405
9.147625		-2.948852	-738.728707	
1.00000		0.666935	-64.001349	0.526405
9.147625		-3.601247	-659.409187	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.666935	64.001349	-0.526405
-9.147625		0.991664	976.687266	
0.25000		-0.666935	64.001349	-0.526405
-9.147625		1.644060	897.367747	
0.50000		-0.666935	64.001349	-0.526405
-9.147625		2.296456	818.048227	
0.75000		-0.666935	64.001349	-0.526405
-9.147625		2.948852	738.728707	
1.00000		-0.666935	64.001349	-0.526405
-9.147625		3.601247	659.409187	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.907412	64.001349	0.585975
9.147625		1.511312	976.687266	
0.25000		0.907412	64.001349	0.585975
9.147625		1.644060	897.367747	
0.50000		0.907412	64.001349	0.585975
9.147625		2.296456	818.048227	
0.75000		0.907412	64.001349	0.585975
9.147625		2.948852	738.728707	
1.00000		0.907412	64.001349	0.585975
9.147625		3.601247	659.409187	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.666935	-64.001349	-0.526405
-9.147625		-2.065865	-976.687266	
0.25000		-0.666935	-64.001349	-0.526405
-9.147625		-2.001277	-897.367747	
0.50000		-0.666935	-64.001349	-0.526405
-9.147625		-2.296456	-818.048227	
0.75000		-0.666935	-64.001349	-0.526405
-9.147625		-2.948852	-738.728707	
1.00000		-0.666935	-64.001349	-0.526405
-9.147625		-3.601247	-659.409187	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
231

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 93 ========== LENGTH = 4.958477

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.018181	-1.129496	-0.008183
-0.143661		-0.385781	-24.925227	
0.25000		-0.018181	-1.129496	-0.008183
-0.143661		-0.375637	-23.525082	
0.50000		-0.018181	-1.129496	-0.008183
-0.143661		-0.365493	-22.124938	
0.75000		-0.018181	-1.129496	-0.008183
-0.143661		-0.355349	-20.724793	
1.00000		-0.018181	-1.129496	-0.008183
-0.143661		-0.345205	-19.324648	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.067278	6.257725	0.024545
-0.073989		1.264334	138.182946	
0.25000		0.067278	6.257725	0.024545
-0.073989		1.233908	130.425750	
0.50000		0.067278	6.257725	0.024545
-0.073989		1.203482	122.668553	
0.75000		0.067278	6.257725	0.024545
-0.073989		1.173057	114.911357	
1.00000		0.067278	6.257725	0.024545
-0.073989		1.142631	107.154160	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.223940	-22.847619	0.001445
1.540337		-1.946374	-504.478325	
0.25000		-0.223940	-22.847619	0.001445
1.540337		-1.948166	-476.155975	
0.50000		-0.223940	-22.847619	0.001445
1.540337		-1.949957	-447.833625	
0.75000		-0.223940	-22.847619	0.001445
1.540337		-1.951749	-419.511275	
1.00000		-0.223940	-22.847619	0.001445
1.540337		-1.953540	-391.188925	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.267251	44.470883	-0.558049
-8.098706		0.020780	608.272534	
0.25000		-0.267251	44.470883	-0.558049
-8.098706		0.712548	553.145566	
0.50000		-0.267251	44.470883	-0.558049
-8.098706		1.404316	498.018599	
0.75000		-0.267251	44.470883	-0.558049
-8.098706		2.096085	442.891631	
1.00000		-0.267251	44.470883	-0.558049
-8.098706		2.787853	387.764664	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.916889	-39.949478	0.629807
6.506212		1.298858	-130.202498	
0.25000		0.916889	-39.949478	0.629807
6.506212		0.518196	-80.680353	
0.50000		0.916889	-39.949478	0.629807
6.506212		-0.262585	-31.158207	
0.75000		0.916889	-39.949478	0.629807
6.506212		-1.043306	18.363938	
1.00000		0.916889	-39.949478	0.629807
6.506212		-1.824027	67.886083	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.474795	13.197984	-0.089565
0.269808		-0.251816	-86.849430	
0.25000		-0.474795	13.197984	-0.089565
0.269808		-0.140790	-103.209906	
0.50000		-0.474795	13.197984	-0.089565
0.269808		-0.029764	-119.570382	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
232

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.474795	13.197984	-0.089565
0.269808		0.081262	-135.930858	
1.00000		-0.474795	13.197984	-0.089565
0.269808		0.192288	-152.291334	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.674768	-63.926592	0.623069
7.902888		-1.033298	-659.606050	
0.25000		0.674768	-63.926592	0.623069
7.902888		-1.805666	-580.361410	
0.50000		0.674768	-63.926592	0.623069
7.902888		-2.578035	-501.116770	
0.75000		0.674768	-63.926592	0.623069
7.902888		-3.350403	-421.872130	
1.00000		0.674768	-63.926592	0.623069
7.902888		-4.122772	-342.627490	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.674768	63.926592	-0.623069
-7.902888		1.033298	659.606050	
0.25000		-0.674768	63.926592	-0.623069
-7.902888		1.805666	580.361410	
0.50000		-0.674768	63.926592	-0.623069
-7.902888		2.578035	501.116770	
0.75000		-0.674768	63.926592	-0.623069
-7.902888		3.350403	421.872130	
1.00000		-0.674768	63.926592	-0.623069
-7.902888		4.122772	342.627490	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.916889	63.926592	0.629807
7.902888		1.298858	659.606050	
0.25000		0.916889	63.926592	0.629807
7.902888		1.805666	580.361410	
0.50000		0.916889	63.926592	0.629807
7.902888		2.578035	501.116770	
0.75000		0.916889	63.926592	0.629807
7.902888		3.350403	442.891631	
1.00000		0.916889	63.926592	0.629807
7.902888		4.122772	387.764664	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.674768	-63.926592	-0.623069
-8.098706		-1.946374	-659.606050	
0.25000		-0.674768	-63.926592	-0.623069
-8.098706		-1.948166	-580.361410	
0.50000		-0.674768	-63.926592	-0.623069
-8.098706		-2.578035	-501.116770	
0.75000		-0.674768	-63.926592	-0.623069
-8.098706		-3.350403	-421.872130	
1.00000		-0.674768	-63.926592	-0.623069
-8.098706		-4.122772	-391.188925	

ELEM 94 ========== LENGTH = 4.957718

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017982	-1.129887	-0.008612
-0.294153		-0.319161	-19.325702	
0.25000		-0.017982	-1.129887	-0.008612
-0.294153		-0.308487	-17.924688	
0.50000		-0.017982	-1.129887	-0.008612
-0.294153		-0.297813	-16.524273	
0.75000		-0.017982	-1.129887	-0.008612
-0.294153		-0.287139	-15.123858	
1.00000		-0.017982	-1.129887	-0.008612
-0.294153		-0.276465	-13.723444	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
233

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.067826	6.262184	0.021613
0.417658		1.079580	107.157079	
0.25000		0.067826	6.262184	0.021613
0.417658		1.052793	99.395543	
0.50000		0.067826	6.262184	0.021613
0.417658		1.026006	91.634008	
0.75000		0.067826	6.262184	0.021613
0.417658		0.999218	83.872473	
1.00000		0.067826	6.262184	0.021613
0.417658		0.972431	76.110938	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.226015	-22.861705	0.033363
0.057122		-1.777152	-391.203578	
0.25000		-0.226015	-22.861705	0.033363
0.057122		-1.818502	-362.868107	
0.50000		-0.226015	-22.861705	0.033363
0.057122		-1.859853	-334.532637	
0.75000		-0.226015	-22.861705	0.033363
0.057122		-1.901204	-306.197166	
1.00000		-0.226015	-22.861705	0.033363
0.057122		-1.942554	-277.861696	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.270908	44.489506	-0.609963
-6.870898		0.237746	387.955628	
0.25000		-0.270908	44.489506	-0.609963
-6.870898		0.993752	332.814024	
0.50000		-0.270908	44.489506	-0.609963
-6.870898		1.749758	277.672421	
0.75000		-0.270908	44.489506	-0.609963
-6.870898		2.505764	222.530817	
1.00000		-0.270908	44.489506	-0.609963
-6.870898		3.261769	167.389213	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.926805	-39.959215	0.648905
7.034639		0.893784	67.688692	
0.25000		0.926805	-39.959215	0.648905
7.034639		0.089512	117.215319	
0.50000		0.926805	-39.959215	0.648905
7.034639		-0.714761	166.741947	
0.75000		0.926805	-39.959215	0.648905
7.034639		-1.519033	216.268574	
1.00000		0.926805	-39.959215	0.648905
7.034639		-2.323305	265.795201	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.479726	13.199116	-0.085306
-0.344367		-0.114797	-152.272719	
0.25000		-0.479726	13.199116	-0.085306
-0.344367		-0.009067	-168.632092	
0.50000		-0.479726	13.199116	-0.085306
-0.344367		0.096663	-184.991466	
0.75000		-0.479726	13.199116	-0.085306
-0.344367		0.202394	-201.350839	
1.00000		-0.479726	13.199116	-0.085306
-0.344367		0.308124	-217.710212	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.682808	-63.950807	0.673656
6.797608		-1.202529	-342.839988	
0.25000		0.682808	-63.950807	0.673656
6.797608		-2.037478	-263.577475	
0.50000		0.682808	-63.950807	0.673656
6.797608		-2.872427	-184.314963	
0.75000		0.682808	-63.950807	0.673656
6.797608		-3.707375	-105.052451	
1.00000		0.682808	-63.950807	0.673656
6.797608		-4.542324	-25.789939	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
234

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.682808	63.950807	-0.673656
-6.797608		1.202529	342.839988	
0.25000		-0.682808	63.950807	-0.673656
-6.797608		2.037478	263.577475	
0.50000		-0.682808	63.950807	-0.673656
-6.797608		2.872427	184.314963	
0.75000		-0.682808	63.950807	-0.673656
-6.797608		3.707375	105.052451	
1.00000		-0.682808	63.950807	-0.673656
-6.797608		4.542324	25.789939	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.926805	63.950807	0.673656
7.034639		1.202529	387.955628	
0.25000		0.926805	63.950807	0.673656
7.034639		2.037478	332.814024	
0.50000		0.926805	63.950807	0.673656
7.034639		2.872427	277.672421	
0.75000		0.926805	63.950807	0.673656
7.034639		3.707375	222.530817	
1.00000		0.926805	63.950807	0.673656
7.034639		4.542324	265.795201	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.682808	-63.950807	-0.673656
-6.870898		-1.777152	-391.203578	
0.25000		-0.682808	-63.950807	-0.673656
-6.870898		-2.037478	-362.868107	
0.50000		-0.682808	-63.950807	-0.673656
-6.870898		-2.872427	-334.532637	
0.75000		-0.682808	-63.950807	-0.673656
-6.870898		-3.707375	-306.197166	
1.00000		-0.682808	-63.950807	-0.673656
-6.870898		-4.542324	-277.861696	

ELEM 95 ========== LENGTH = 4.958026

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017821	-1.129389	-0.008689
-0.378484		-0.241820	-13.723895	
0.25000		-0.017821	-1.129389	-0.008689
-0.378484		-0.231049	-12.324010	
0.50000		-0.017821	-1.129389	-0.008689
-0.378484		-0.220279	-10.924125	
0.75000		-0.017821	-1.129389	-0.008689
-0.378484		-0.209509	-9.524240	
1.00000		-0.017821	-1.129389	-0.008689
-0.378484		-0.198739	-8.124354	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.068463	6.262224	0.021226
0.770970		0.848618	76.115490	
0.25000		0.068463	6.262224	0.021226
0.770970		0.822308	68.353422	
0.50000		0.068463	6.262224	0.021226
0.770970		0.795998	60.591355	
0.75000		0.068463	6.262224	0.021226
0.770970		0.769687	52.829287	
1.00000		0.068463	6.262224	0.021226
0.770970		0.743377	45.067219	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.228398	-22.861655	0.038903
-1.166276		-1.531846	-277.883657	
0.25000		-0.228398	-22.861655	0.038903
-1.166276		-1.580067	-249.546486	
0.50000		-0.228398	-22.861655	0.038903
-1.166276		-1.628287	-221.209314	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
235

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.228398	-22.861655	0.038903
-1.166276		-1.677508	-192.872143	
1.00000		-0.228398	-22.861655	0.038903
-1.166276		-1.724728	-164.534971	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.275060	44.481599	-0.593634
-5.862622		0.520615	167.584628	
0.25000		-0.275060	44.481599	-0.593634
-5.862622		1.256427	112.449395	
0.50000		-0.275060	44.481599	-0.593634
-5.862622		1.992240	57.3141162	
0.75000		-0.275060	44.481599	-0.593634
-5.862622		2.728053	2.178929	
1.00000		-0.275060	44.481599	-0.593634
-5.862622		3.463866	-52.956304	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.938310	-39.945135	0.604792
7.644954		0.275094	265.603614	
0.25000		0.938310	-39.945135	0.604792
7.644954		-0.474550	315.115871	
0.50000		0.938310	-39.945135	0.604792
7.644954		-1.224193	364.628129	
0.75000		0.938310	-39.945135	0.604792
7.644954		-1.973837	414.140386	
1.00000		0.938310	-39.945135	0.604792
7.644954		-2.723481	463.652643	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.485494	13.192357	-0.062599
-1.008543		0.129339	-217.696180	
0.25000		-0.485494	13.192357	-0.062599
-1.008543		0.206930	-234.048193	
0.50000		-0.485494	13.192357	-0.062599
-1.008543		0.284522	-250.400206	
0.75000		-0.485494	13.192357	-0.062599
-1.008543		0.362113	-266.752219	
1.00000		-0.485494	13.192357	-0.062599
-1.008543		0.439705	-283.104232	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.692091	-63.936180	0.635006
6.100195		-1.498572	-26.003938	
0.25000		0.692091	-63.936180	0.635006
6.100195		-2.285666	53.245375	
0.50000		0.692091	-63.936180	0.635006
6.100195		-3.072760	132.494689	
0.75000		0.692091	-63.936180	0.635006
6.100195		-3.859854	211.744003	
1.00000		0.692091	-63.936180	0.635006
6.100195		-4.646948	290.993317	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.692091	63.936180	-0.635006
-6.100195		1.498572	26.003938	
0.25000		-0.692091	63.936180	-0.635006
-6.100195		2.285666	-53.245375	
0.50000		-0.692091	63.936180	-0.635006
-6.100195		3.072760	-132.494689	
0.75000		-0.692091	63.936180	-0.635006
-6.100195		3.859854	-211.744003	
1.00000		-0.692091	63.936180	-0.635006
-6.100195		4.646948	-290.993317	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.938310	63.936180	0.635006
7.644954		1.498572	265.603614	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
236

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.938310	63.936180	0.635006
7.644954		2.285666	315.115871	
0.50000		0.938310	63.936180	0.635006
7.644954		3.072760	364.628129	
0.75000		0.938310	63.936180	0.635006
7.644954		3.859854	414.140386	
1.00000		0.938310	63.936180	0.635006
7.644954		4.646948	463.652643	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.692091	-63.936180	-0.635006
-6.100195		-1.531846	-277.883657	
0.25000		-0.692091	-63.936180	-0.635006
-6.100195		-2.285666	-249.546486	
0.50000		-0.692091	-63.936180	-0.635006
-6.100195		-3.072760	-250.400206	
0.75000		-0.692091	-63.936180	-0.635006
-6.100195		-3.859854	-266.752219	
1.00000		-0.692091	-63.936180	-0.635006
-6.100195		-4.646948	-290.993317	

ELEM 96 ========== LENGTH = 4.957515

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017683	-1.128827	-0.008382
-0.420475		-0.158784	-8.124733	
0.25000		-0.017683	-1.128827	-0.008382
-0.420475		-0.148395	-6.725689	
0.50000		-0.017683	-1.128827	-0.008382
-0.420475		-0.138007	-5.326645	
0.75000		-0.017683	-1.128827	-0.008382
-0.420475		-0.127618	-3.927601	
1.00000		-0.017683	-1.128827	-0.008382
-0.420475		-0.117229	-2.528557	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.069136	6.260474	0.021337
1.010011		0.580424	45.072499	
0.25000		0.069136	6.260474	0.021337
1.010011		0.553979	37.313401	
0.50000		0.069136	6.260474	0.021337
1.010011		0.527535	29.554303	
0.75000		0.069136	6.260474	0.021337
1.010011		0.501090	21.795205	
1.00000		0.069136	6.260474	0.021337
1.010011		0.474645	14.036107	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.230886	-22.855166	0.034288
-2.091819		-1.162449	-164.560498	
0.25000		-0.230886	-22.855166	0.034288
-2.091819		-1.204944	-136.234293	
0.50000		-0.230886	-22.855166	0.034288
-2.091819		-1.247440	-107.908087	
0.75000		-0.230886	-22.855166	0.034288
-2.091819		-1.289935	-79.581882	
1.00000		-0.230886	-22.855166	0.034288
-2.091819		-1.332431	-51.255676	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.280994	44.501537	-0.550838
-5.051944		0.697015	-52.762456	
0.25000		-0.280994	44.501537	-0.550838
-5.051944		1.379712	-107.916713	
0.50000		-0.280994	44.501537	-0.550838
-5.051944		2.062409	-163.070970	
0.75000		-0.280994	44.501537	-0.550838
-5.051944		2.745107	-218.225227	
1.00000		-0.280994	44.501537	-0.550838
-5.051944		3.427804	-273.379484	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
237

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.952488	-39.999625	0.528764
8.058026		-0.393445	463.472776	
0.25000		0.952488	-39.999625	0.528764
8.058026		-1.048783	513.047459	
0.50000		0.952488	-39.999625	0.528764
8.058026		-1.704122	562.622142	
0.75000		0.952488	-39.999625	0.528764
8.058026		-2.359460	612.196825	
1.00000		0.952488	-39.999625	0.528764
8.058026		-3.014799	661.771508	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.492061	13.221606	-0.025168
-1.503799		0.437938	-283.097588	
0.25000		-0.492061	13.221606	-0.025168
-1.503799		0.468431	-299.484166	
0.50000		-0.492061	13.221606	-0.025168
-1.503799		0.499624	-315.870743	
0.75000		-0.492061	13.221606	-0.025168
-1.503799		0.530817	-332.257320	
1.00000		-0.492061	13.221606	-0.025168
-1.503799		0.562010	-348.643898	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.703919	-63.983617	0.554669
5.545732		-1.714677	290.787546	
0.25000		0.703919	-63.983617	0.554669
5.545732		-2.402123	370.087478	
0.50000		0.703919	-63.983617	0.554669
5.545732		-3.089568	449.387410	
0.75000		0.703919	-63.983617	0.554669
5.545732		-3.777014	528.687342	
1.00000		0.703919	-63.983617	0.554669
5.545732		-4.464459	607.987274	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.703919	63.983617	-0.554669
-5.545732		1.714677	-290.787546	
0.25000		-0.703919	63.983617	-0.554669
-5.545732		2.402123	-370.087478	
0.50000		-0.703919	63.983617	-0.554669
-5.545732		3.089568	-449.387410	
0.75000		-0.703919	63.983617	-0.554669
-5.545732		3.777014	-528.687342	
1.00000		-0.703919	63.983617	-0.554669
-5.545732		4.464459	-607.987274	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.952488	63.983617	0.554669
8.058026		1.714677	463.472776	
0.25000		0.952488	63.983617	0.554669
8.058026		2.402123	513.047459	
0.50000		0.952488	63.983617	0.554669
8.058026		3.089568	562.622142	
0.75000		0.952488	63.983617	0.554669
8.058026		3.777014	612.196825	
1.00000		0.952488	63.983617	0.554669
8.058026		4.464459	661.771508	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.703919	-63.983617	-0.554669
-5.545732		-1.714677	-290.787546	
0.25000		-0.703919	-63.983617	-0.554669
-5.545732		-2.402123	-370.087478	
0.50000		-0.703919	-63.983617	-0.554669
-5.545732		-3.089568	-449.387410	
0.75000		-0.703919	-63.983617	-0.554669
-5.545732		-3.777014	-528.687342	
1.00000		-0.703919	-63.983617	-0.554669
-5.545732		-4.464459	-607.987274	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
238

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 97 ========== LENGTH = 4.958128

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017589	-1.129670	-0.008583
-0.423437		-0.075418	-2.528939	
0.25000		-0.017589	-1.129670	-0.008583
-0.423437		-0.064778	-1.128677	
0.50000		-0.017589	-1.129670	-0.008583
-0.423437		-0.054139	0.271586	
0.75000		-0.017589	-1.129670	-0.008583
-0.423437		-0.043500	1.671848	
1.00000		-0.017589	-1.129670	-0.008583
-0.423437		-0.032861	3.072111	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.069948	6.265410	0.021058
1.125577		0.294531	14.041503	
0.25000		0.069948	6.265410	0.021058
1.125577		0.268429	6.275357	
0.50000		0.069948	6.265410	0.021058
1.125577		0.242327	-1.490820	
0.75000		0.069948	6.265410	0.021058
1.125577		0.216225	-9.256996	
1.00000		0.069948	6.265410	0.021058
1.125577		0.190122	-17.023173	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.233860	-22.873173	0.034937
-2.659291		-0.702604	-51.281498	
0.25000		-0.233860	-22.873173	0.034937
-2.659291		-0.745910	-22.929468	
0.50000		-0.233860	-22.873173	0.034937
-2.659291		-0.789216	5.422562	
0.75000		-0.233860	-22.873173	0.034937
-2.659291		0.832522	33.774591	
1.00000		-0.233860	-22.873173	0.034937
-2.659291		-0.875828	62.126621	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.286856	44.476544	-0.565054
-4.025512		0.782252	-273.197821	
0.25000		-0.286856	44.476544	-0.565054
-4.025512		1.482655	-328.327920	
0.50000		-0.286856	44.476544	-0.565054
-4.025512		2.183057	-383.458019	
0.75000		-0.286856	44.476544	-0.565054
-4.025512		2.883460	-438.588118	
1.00000		-0.286856	44.476544	-0.565054
-4.025512		3.583863	-493.718217	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.967854	-39.912645	0.550779
7.310797		-1.066793	661.615885	
0.25000		0.967854	-39.912645	0.550779
7.310797		-1.749501	711.088685	
0.50000		0.967854	-39.912645	0.550779
7.310797		-2.432209	760.561886	
0.75000		0.967854	-39.912645	0.550779
7.310797		-3.114917	810.034886	
1.00000		0.967854	-39.912645	0.550779
7.310797		-3.797625	859.507887	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.499496	13.173534	-0.033137
-1.328134		0.768031	-348.649160	
0.25000		-0.499496	13.173534	-0.033137
-1.328134		0.809106	-364.978177	
0.50000		-0.499496	13.173534	-0.033137
-1.328134		0.850180	-381.307194	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
239

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.499496	13.173534	-0.033137
-1.328134		0.891254	-397.636211	
1.00000		-0.499496	13.173534	-0.033137
-1.328134		0.932328	-413.965229	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.716405	-63.915488	0.577133
4.228069		-1.844814	607.805448	
0.25000		0.716405	-63.915488	0.577133
4.228069		-2.560189	687.030740	
0.50000		0.716405	-63.915488	0.577133
4.228069		-3.275564	766.256033	
0.75000		0.716405	-63.915488	0.577133
4.228069		-3.990939	845.481326	
1.00000		0.716405	-63.915488	0.577133
4.228069		-4.706314	924.706619	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.716405	63.915488	-0.577133
-4.228069		1.844814	-607.805448	
0.25000		-0.716405	63.915488	-0.577133
-4.228069		2.560189	-687.030740	
0.50000		-0.716405	63.915488	-0.577133
-4.228069		3.275564	-766.256033	
0.75000		-0.716405	63.915488	-0.577133
-4.228069		3.990939	-845.481326	
1.00000		-0.716405	63.915488	-0.577133
-4.228069		4.706314	-924.706619	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.967854	63.915488	0.577133
7.310797		1.844814	661.615885	
0.25000		0.967854	63.915488	0.577133
7.310797		2.560189	711.088885	
0.50000		0.967854	63.915488	0.577133
7.310797		3.275564	766.256033	
0.75000		0.967854	63.915488	0.577133
7.310797		3.990939	845.481326	
1.00000		0.967854	63.915488	0.577133
7.310797		4.706314	924.706619	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.716405	-63.915488	-0.577133
-4.228069		-1.844814	-607.805448	
0.25000		-0.716405	-63.915488	-0.577133
-4.228069		-2.560189	-687.030740	
0.50000		-0.716405	-63.915488	-0.577133
-4.228069		-3.275564	-766.256033	
0.75000		-0.716405	-63.915488	-0.577133
-4.228069		-3.990939	-845.481326	
1.00000		-0.716405	-63.915488	-0.577133
-4.228069		-4.706314	-924.706619	

ELEM 98 ========== LENGTH = 4.957870

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017535	-1.130902	-0.010699
0.394259		0.007566	3.071750	
0.25000		-0.017535	-1.130902	-0.010699
-0.394259		0.020827	4.473466	
0.50000		-0.017535	-1.130902	-0.010699
-0.394259		0.034087	5.875182	
0.75000		-0.017535	-1.130902	-0.010699
-0.394259		0.047348	7.276898	
1.00000		-0.017535	-1.130902	-0.010699
-0.394259		0.060609	8.678615	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
240

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.070829	6.271010	0.015699
1.150494		0.012982	-17.018315	
0.25000		0.070829	6.271010	0.015699
1.150494		-0.006477	-24.791029	
0.50000		0.070829	6.271010	0.015699
1.150494		-0.025936	-32.563742	
0.75000		0.070829	6.271010	0.015699
1.150494		-0.045394	-40.336455	
1.00000		0.070829	6.271010	0.015699
1.150494		-0.064853	-48.109169	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.236993	-22.894744	0.077112
-2.991584		-0.255380	62.103781	
0.25000		-0.236993	-22.894744	0.077112
-2.991584		-0.350958	90.481072	
0.50000		-0.236993	-22.894744	0.077112
-2.991584		-0.446535	118.858362	
0.75000		-0.236993	-22.894744	0.077112
-2.991584		-0.542113	147.235653	
1.00000		-0.236993	-22.894744	0.077112
-2.991584		-0.637690	175.612943	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.294522	44.524825	-0.886978
-2.124537		1.198176	-493.560216	
0.25000		-0.294522	44.524825	-0.886978
-2.124537		2.297557	-548.747289	
0.50000		-0.294522	44.524825	-0.886978
-2.124537		3.396938	-603.934362	
0.75000		-0.294522	44.524825	-0.886978
-2.124537		4.496319	-659.121435	
1.00000		-0.294522	44.524825	-0.886978
-2.124537		5.595700	-714.308507	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.986687	-39.974504	1.048851
4.281969		-2.334424	859.392012	
0.25000		0.986687	-39.974504	1.048851
4.281969		-3.634441	908.939109	
0.50000		0.986687	-39.974504	1.048851
4.281969		-4.934458	958.486207	
0.75000		0.986687	-39.974504	1.048851
4.281969		-6.234475	1008.033	
1.00000		0.986687	-39.974504	1.048851
4.281969		-7.534492	1057.580	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.508465	13.204315	-0.243985
0.077916		1.371080	-413.989011	
0.25000		-0.508465	13.204315	-0.243985
0.077916		1.673492	-430.355329	
0.50000		-0.508465	13.204315	-0.243985
0.077916		1.975903	-446.721648	
0.75000		-0.508465	13.204315	-0.243985
0.077916		2.278315	-463.087966	
1.00000		-0.508465	13.204315	-0.243985
0.077916		2.580727	-479.454285	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.732158	-64.000150	1.115264
0.896127		-2.582238	924.567542	
0.25000		0.732158	-64.000150	1.115264
0.896127		-3.964572	1003.894	
0.50000		0.732158	-64.000150	1.115264
0.896127		-5.346906	1083.220	
0.75000		0.732158	-64.000150	1.115264
0.896127		-6.729240	1162.546	
1.00000		0.732158	-64.000150	1.115264
0.896127		-8.111574	1241.872	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 241
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.732158	64.000150	-1.115264
-0.896127		2.582238	-924.567542	
0.25000		-0.732158	64.000150	-1.115264
-0.896127		3.964572	-1003.894	
0.50000		-0.732158	64.000150	-1.115264
-0.896127		5.346906	-1083.220	
0.75000		-0.732158	64.000150	-1.115264
-0.896127		6.729240	-1162.546	
1.00000		-0.732158	64.000150	-1.115264
-0.896127		8.111574	-1241.872	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.986687	64.000150	1.115264
4.281969		2.582238	924.567542	
0.25000		0.986687	64.000150	1.115264
4.281969		3.964572	1003.894	
0.50000		0.986687	64.000150	1.115264
4.281969		5.346906	1083.220	
0.75000		0.986687	64.000150	1.115264
4.281969		6.729240	1162.546	
1.00000		0.986687	64.000150	1.115264
4.281969		8.111574	1241.872	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.732158	-64.000150	-1.115264
-2.991584		-2.582238	-924.567542	
0.25000		-0.732158	-64.000150	-1.115264
-2.991584		-3.964572	-1003.894	
0.50000		-0.732158	-64.000150	-1.115264
-2.991584		-5.346906	-1083.220	
0.75000		-0.732158	-64.000150	-1.115264
-2.991584		-6.729240	-1162.546	
1.00000		-0.732158	-64.000150	-1.115264
-2.991584		-8.111574	-1241.872	

ELEM 99 ========== LENGTH = 3.471054

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017521	-1.133300	-0.018622
-0.348822		0.099166	8.677813	
0.25000		-0.017521	-1.133300	-0.018622
-0.348822		0.115325	9.661249	
0.50000		-0.017521	-1.133300	-0.018622
-0.348822		0.131484	10.644686	
0.75000		-0.017521	-1.133300	-0.018622
-0.348822		0.147644	11.628123	
1.00000		-0.017521	-1.133300	-0.018622
-0.348822		0.163803	12.611559	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.071869	6.279144	0.010416
1.151511		-0.232114	-48.103740	
0.25000		0.071869	6.279144	0.010416
1.151511		-0.241152	-53.552553	
0.50000		0.071869	6.279144	0.010416
1.151511		-0.250190	-59.001365	
0.75000		0.071869	6.279144	0.010416
1.151511		-0.259229	-64.450177	
1.00000		0.071869	6.279144	0.010416
1.151511		-0.268267	-69.898989	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.240695	-22.927884	0.163686
-3.327082		-0.057032	175.590583	
0.25000		-0.240695	-22.927884	0.163686
-3.327082		-0.199073	195.486564	
0.50000		-0.240695	-22.927884	0.163686
-3.327082		-0.341114	215.382546	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 242
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.240695	-22.927884	0.163686
-3.327082		-0.483155	235.278528	
1.00000		-0.240695	-22.927884	0.163686
-3.327082		-0.625196	255.174509	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.303889	44.445317	-1.665122
1.391390		3.466236	-714.177110	
0.25000		-0.303889	44.445317	-1.665122
1.391390		4.911168	-752.745135	
0.50000		-0.303889	44.445317	-1.665122
1.391390		6.356100	-791.313161	
0.75000		-0.303889	44.445317	-1.665122
1.391390		7.801032	-829.881186	
1.00000		-0.303889	44.445317	-1.665122
1.391390		9.245965	-868.449212	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.010293	-39.780501	2.388723
-2.094971		-6.589753	1057.516	
0.25000		1.010293	-39.780501	2.388723
-2.094971		-8.662600	1092.036	
0.50000		1.010293	-39.780501	2.388723
-2.094971		-10.735446	1126.556	
0.75000		1.010293	-39.780501	2.388723
-2.094971		-12.808293	1161.076	
1.00000		1.010293	-39.780501	2.388723
-2.094971		-14.881139	1195.596	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.520057	13.117224	-0.879081
3.227974		3.313498	-479.503335	
0.25000		-0.520057	13.117224	-0.879081
3.227974		4.076332	-490.885984	
0.50000		-0.520057	13.117224	-0.879081
3.227974		4.839166	-502.268633	
0.75000		-0.520057	13.117224	-0.879081
3.227974		5.602000	-513.651282	
1.00000		-0.520057	13.117224	-0.879081
3.227974		6.364834	-525.033931	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.752077	-63.841685	2.533787
-5.770875		-6.547620	1241.784	
0.25000		0.752077	-63.841685	2.533787
-5.770875		-8.746348	1297.184	
0.50000		0.752077	-63.841685	2.533787
-5.770875		-10.945076	1352.583	
0.75000		0.752077	-63.841685	2.533787
-5.770875		-13.143804	1407.983	
1.00000		0.752077	-63.841685	2.533787
-5.770875		-15.342532	1463.382	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.752077	63.841685	-2.533787
5.770875		6.547620	-1241.784	
0.25000		-0.752077	63.841685	-2.533787
5.770875		8.746348	-1297.184	
0.50000		-0.752077	63.841685	-2.533787
5.770875		10.945076	-1352.583	
0.75000		-0.752077	63.841685	-2.533787
5.770875		13.143804	-1407.983	
1.00000		-0.752077	63.841685	-2.533787
5.770875		15.342532	-1463.382	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.010293	63.841685	2.533787
5.770875		6.547620	1241.784	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 243
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		1.010293	63.841685	2.533787
5.770875		8.746348	1297.184	
0.50000		1.010293	63.841685	2.533787
5.770875		10.945076	1352.583	
0.75000		1.010293	63.841685	2.533787
5.770875		13.143804	1407.983	
1.00000		1.010293	63.841685	2.533787
5.770875		15.342532	1463.382	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.752077	-63.841685	-2.533787
-5.770875		-6.589753	-1241.784	
0.25000		-0.752077	-63.841685	-2.533787
-5.770875		-8.746348	-1297.184	
0.50000		-0.752077	-63.841685	-2.533787
-5.770875		-10.945076	-1352.583	
0.75000		-0.752077	-63.841685	-2.533787
-5.770875		-13.143804	-1407.983	
1.00000		-0.752077	-63.841685	-2.533787
-5.770875		-15.342532	-1463.382	

ELEM 100 ========== LENGTH = 3.470073

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016416	0.250947	0.013862
-0.306138		0.200407	12.611881	
0.25000		-0.016416	0.250947	0.013862
-0.306138		0.188381	12.394179	
0.50000		-0.016416	0.250947	0.013862
-0.306138		0.176356	12.176478	
0.75000		-0.016416	0.250947	0.013862
-0.306138		0.164331	11.958777	
1.00000		-0.016416	0.250947	0.013862
-0.306138		0.152306	11.741075	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.073305	-1.385316	0.004119
1.010665		-0.422539	-69.893549	
0.25000		0.073305	-1.385316	0.004119
1.010665		-0.426112	-68.691762	
0.50000		0.073305	-1.385316	0.004119
1.010665		-0.429685	-67.489974	
0.75000		0.073305	-1.385316	0.004119
1.010665		-0.433258	-66.288187	
1.00000		0.073305	-1.385316	0.004119
1.010665		-0.436831	-65.086400	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.257084	5.060992	-0.137998
-2.843355		-0.098284	255.140749	
0.25000		-0.257084	5.060992	-0.137998
-2.843355		0.021432	250.750245	
0.50000		-0.257084	5.060992	-0.137998
-2.843355		0.141148	246.359742	
0.75000		-0.257084	5.060992	-0.137998
-2.843355		0.260864	241.969239	
1.00000		-0.257084	5.060992	-0.137998
-2.843355		0.380580	237.578735	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.205553	-17.018528	1.200018
1.139186		7.339668	-868.215386	
0.25000		-0.205553	-17.018528	1.200018
1.139186		6.298630	-853.451501	
0.50000		-0.205553	-17.018528	1.200018
1.139186		5.257593	-838.687615	
0.75000		-0.205553	-17.018528	1.200018
1.139186		4.216556	-823.923729	
1.00000		-0.205553	-17.018528	1.200018
1.139186		3.175518	-809.159843	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 244
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.858515	23.377213	-2.368000
-2.704305		-14.362165	1195.370	
0.25000		0.858515	23.377213	-2.368000
-2.704305		-12.307881	1175.089	
0.50000		0.858515	23.377213	-2.368000
-2.704305		-10.253598	1154.809	
0.75000		0.858515	23.377213	-2.368000
-2.704305		-8.199315	1134.529	
1.00000		0.858515	23.377213	-2.368000
-2.704305		-6.145032	1114.249	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.452768	-10.285308	1.288000
3.703947		7.454284	-525.013327	
0.25000		-0.452768	-10.285308	1.288000
3.703947		6.225550	-516.090634	
0.50000		-0.452768	-10.285308	1.288000
3.703947		5.108186	-507.167941	
0.75000		-0.452768	-10.285308	1.288000
3.703947		3.990822	-498.245247	
1.00000		-0.452768	-10.285308	1.288000
3.703947		2.873459	-489.322554	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.585016	28.689152	-2.492136
-5.853798		-14.260042	1463.122	
0.25000		0.585016	28.689152	-2.492136
-5.853798		-12.098068	1438.234	
0.50000		0.585016	28.689152	-2.492136
-5.853798		-9.936094	1413.346	
0.75000		0.585016	28.689152	-2.492136
-5.853798		-7.774120	1388.457	
1.00000		0.585016	28.689152	-2.492136
-5.853798		-5.612146	1363.569	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.585016	-28.689152	2.492136
5.853798		14.260042	-1463.122	
0.25000		-0.585016	-28.689152	2.492136
5.853798		12.098068	-1438.234	
0.50000		-0.585016	-28.689152	2.492136
5.853798		9.936094	-1413.346	
0.75000		-0.585016	-28.689152	2.492136
5.853798		7.774120	-1388.457	
1.00000		-0.585016	-28.689152	2.492136
5.853798		5.612146	-1363.569	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.858515	28.689152	2.492136
5.853798		14.260042	1463.122	
0.25000		0.858515	28.689152	2.492136
5.853798		12.098068	1438.234	
0.50000		0.858515	28.689152	2.492136
5.853798		9.936094	1413.346	
0.75000		0.858515	28.689152	2.492136
5.853798		7.774120	1388.457	
1.00000		0.858515	28.689152	2.492136
5.853798		5.612146	1363.569	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.585016	-28.689152	-2.492136
-5.853798		-14.362165	-1463.122	
0.25000		-0.585016	-28.689152	-2.492136
-5.853798		-12.307881	-1438.234	
0.50000		-0.585016	-28.689152	-2.492136
-5.853798		-10.253598	-1413.346	
0.75000		-0.585016	-28.689152	-2.492136
-5.853798		-8.199315	-1388.457	
1.00000		-0.585016	-28.689152	-2.492136
-5.853798		-6.145032	-1363.569	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 245
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 101 ========== LENGTH = 4.958481

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016356	0.248960	0.007873
-0.205717		0.183168	11.740245	
0.25000		-0.016356	0.248960	0.007873
-0.205717		0.173409	11.431628	
0.50000		-0.016356	0.248960	0.007873
-0.205717		0.163649	11.123012	
0.75000		-0.016356	0.248960	0.007873
-0.205717		0.153890	10.814396	
1.00000		-0.016356	0.248960	0.007873
-0.205717		0.144130	10.505779	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.074520	-1.379627	-0.009761
0.795736		0.560501	-65.082689	
0.25000		0.074520	-1.379627	-0.009761
0.795736		-0.548400	-63.372475	
0.50000		0.074520	-1.379627	-0.009761
0.795736		-0.536300	-61.662262	
0.75000		0.074520	-1.379627	-0.009761
0.795736		-0.524200	-59.952049	
1.00000		0.074520	-1.379627	-0.009761
0.795736		-0.512099	-58.241836	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.262393	5.037032	-0.021571
-2.487584		0.792094	237.565198	
0.25000		-0.262393	5.037032	-0.021571
-2.487584		0.818834	231.321190	
0.50000		-0.262393	5.037032	-0.021571
-2.487584		0.845574	225.077183	
0.75000		-0.262393	5.037032	-0.021571
-2.487584		0.872314	218.833175	
1.00000		-0.262393	5.037032	-0.021571
-2.487584		0.899055	212.589168	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.206002	-17.103690	0.312173
4.049385		1.692073	-809.084157	
0.25000		-0.206002	-17.103690	0.312173
4.049385		1.305096	-787.882076	
0.50000		-0.206002	-17.103690	0.312173
4.049385		0.918120	-766.679994	
0.75000		-0.206002	-17.103690	0.312173
4.049385		0.531143	-745.477912	
1.00000		-0.206002	-17.103690	0.312173
4.049385		0.144166	-724.275830	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.869536	23.566886	-0.997027
-8.524243		-6.112262	1114.275	
0.25000		0.869536	23.566886	-0.997027
-8.524243		-4.876327	1085.061	
0.50000		0.869536	23.566886	-0.997027
-8.524243		-3.640392	1055.847	
0.75000		0.869536	23.566886	-0.997027
-8.524243		-2.404458	1026.633	
1.00000		0.869536	23.566886	-0.997027
-8.524243		-1.168523	997.418597	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.459304	-10.369562	0.708313
6.372424		4.005428	-489.413157	
0.25000		-0.459304	-10.369562	0.708313
6.372424		3.127389	-476.558837	
0.50000		-0.459304	-10.369562	0.708313
6.372424		2.249349	-463.704518	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 246
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.459304	-10.369562	0.708313
6.372424		1.371310	-450.850198	
1.00000		-0.459304	-10.369562	0.708313
6.372424		0.493271	-437.995878	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.590786	28.852879	-1.010725
-11.217545		-5.137000	1363.580	
0.25000		0.590786	28.852879	-1.010725
-11.217545		-3.884085	1327.813	
0.50000		0.590786	28.852879	-1.010725
-11.217545		-2.631169	1292.047	
0.75000		0.590786	28.852879	-1.010725
-11.217545		-1.378253	1256.280	
1.00000		0.590786	28.852879	-1.010725
-11.217545		-0.125338	1220.514	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.590786	-28.852879	1.010725
11.217545		5.137000	-1363.580	
0.25000		-0.590786	-28.852879	1.010725
11.217545		3.884085	-1327.813	
0.50000		-0.590786	-28.852879	1.010725
11.217545		2.631169	-1292.047	
0.75000		-0.590786	-28.852879	1.010725
11.217545		1.378253	-1256.280	
1.00000		-0.590786	-28.852879	1.010725
11.217545		0.125338	-1220.514	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.869536	28.852879	1.010725
11.217545		5.137000	1363.580	
0.25000		0.869536	28.852879	1.010725
11.217545		3.884085	1327.813	
0.50000		0.869536	28.852879	1.010725
11.217545		2.631169	1292.047	
0.75000		0.869536	28.852879	1.010725
11.217545		1.378253	1256.280	
1.00000		0.869536	28.852879	1.010725
11.217545		0.899055	1220.514	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.590786	-28.852879	-1.010725
-11.217545		-6.112262	-1363.580	
0.25000		-0.590786	-28.852879	-1.010725
-11.217545		-4.876327	-1327.813	
0.50000		-0.590786	-28.852879	-1.010725
-11.217545		-3.640392	-1292.047	
0.75000		-0.590786	-28.852879	-1.010725
-11.217545		-2.404458	-1256.280	
1.00000		-0.590786	-28.852879	-1.010725
-11.217545		-1.168523	-1220.514	

ELEM 102 ========== LENGTH = 4.957564

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016322	0.246722	0.004970
0.121127		0.167775	10.505127	
0.25000		-0.016322	0.246722	0.004970
-0.121127		0.161615	10.199372	
0.50000		-0.016322	0.246722	0.004970
-0.121127		0.155455	9.893587	
0.75000		-0.016322	0.246722	0.004970
-0.121127		0.149296	9.587802	
1.00000		-0.016322	0.246722	0.004970
-0.121127		0.143136	9.282018	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 247
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.075670	-1.368681	-0.011547
0.554954		-0.597289	-58.240017	
0.25000		0.075670	-1.368681	-0.011547
0.554954		-0.582978	-56.543687	
0.50000		0.075670	-1.368681	-0.011547
0.554954		-0.568666	-54.847356	
0.75000		0.075670	-1.368681	-0.011547
0.554954		-0.554354	-53.151026	
1.00000		0.075670	-1.368681	-0.011547
0.554954		-0.540043	-51.454695	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.267306	4.996326	0.009228
-1.882544		1.166259	212.583795	
0.25000		-0.267306	4.996326	0.009228
-1.882544		1.154822	206.391392	
0.50000		-0.267306	4.996326	0.009228
-1.882544		1.143385	200.198990	
0.75000		-0.267306	4.996326	0.009228
-1.882544		1.131948	194.006588	
1.00000		-0.267306	4.996326	0.009228
-1.882544		1.120511	187.814185	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.208442	-17.036945	0.021044
4.843633		-0.821930	-724.239556	
0.25000		-0.208442	-17.036945	0.021044
4.843633		-0.848012	-703.124118	
0.50000		-0.208442	-17.036945	0.021044
4.843633		-0.874094	-682.008680	
0.75000		-0.208442	-17.036945	0.021044
4.843633		-0.900176	-660.893242	
1.00000		-0.208442	-17.036945	0.021044
4.843633		-0.926259	-639.777803	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.882916	23.504550	-0.501994
-10.982871		-1.755470	997.501461	
0.25000		0.882916	23.504550	-0.501994
-10.982871		-1.133303	968.370132	
0.50000		0.882916	23.504550	-0.501994
-10.982871		-0.511136	939.238803	
0.75000		0.882916	23.504550	-0.501994
-10.982871		0.111031	910.107473	
1.00000		0.882916	23.504550	-0.501994
-10.982871		0.733198	880.976144	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.466516	-10.341972	0.478299
7.587955		1.840655	-438.110839	
0.25000		-0.466516	-10.341972	0.478299
7.587955		1.247855	-425.293091	
0.50000		-0.466516	-10.341972	0.478299
7.587955		0.655056	-412.475344	
0.75000		-0.466516	-10.341972	0.478299
7.587955		0.062256	-399.657596	
1.00000		-0.466516	-10.341972	0.478299
7.587955		-0.530544	-386.839848	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.599288	28.747598	-0.487796
-12.986542		-0.421436	1220.590	
0.25000		0.599288	28.747598	-0.487796
-12.986542		0.183134	1184.961	
0.50000		0.599288	28.747598	-0.487796
-12.986542		0.787704	1149.331	
0.75000		0.599288	28.747598	-0.487796
-12.986542		1.392275	1113.702	
1.00000		0.599288	28.747598	-0.487796
-12.986542		1.996845	1078.072	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
248

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.599288	-28.747598	0.487796
12.986542		0.421436	-1220.590	
0.25000		-0.599288	-28.747598	0.487796
12.986542		-0.183134	-1184.961	
0.50000		-0.599288	-28.747598	0.487796
12.986542		-0.787704	-1149.331	
0.75000		-0.599288	-28.747598	0.487796
12.986542		-1.392275	-1113.702	
1.00000		-0.599288	-28.747598	0.487796
12.986542		-1.996845	-1078.072	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.882916	28.747598	0.487796
12.986542		1.840655	1220.590	
0.25000		0.882916	28.747598	0.487796
12.986542		1.247855	1184.961	
0.50000		0.882916	28.747598	0.487796
12.986542		1.143385	1149.331	
0.75000		0.882916	28.747598	0.487796
12.986542		1.392275	1113.702	
1.00000		0.882916	28.747598	0.487796
12.986542		1.996845	1078.072	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.599288	-28.747598	-0.501994
-12.986542		-1.755470	-1220.590	
0.25000		-0.599288	-28.747598	-0.501994
-12.986542		-1.133303	-1184.961	
0.50000		-0.599288	-28.747598	-0.501994
-12.986542		-0.874094	-1149.331	
0.75000		-0.599288	-28.747598	-0.501994
-12.986542		-1.392275	-1113.702	
1.00000		-0.599288	-28.747598	-0.501994
-12.986542		-1.996845	-1078.072	

ELEM 103 ========== LENGTH = 4.957948

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016294	0.247055	0.004195
-0.054051		0.161327	9.281385	
0.25000		-0.016294	0.247055	0.004195
-0.054051		0.156127	8.975164	
0.50000		-0.016294	0.247055	0.004195
-0.054051		0.150928	8.668943	
0.75000		-0.016294	0.247055	0.004195
-0.054051		0.145728	8.362722	
1.00000		-0.016294	0.247055	0.004195
-0.054051		0.140528	8.056501	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.07681	-1.370751	-0.008688
0.308631		-0.594432	-51.453699	
0.25000		0.07681	-1.370751	-0.008688
0.308631		-0.583663	-49.754671	
0.50000		0.07681	-1.370751	-0.008688
0.308631		-0.572895	-48.055643	
0.75000		0.07681	-1.370751	-0.008688
0.308631		-0.562127	-46.356615	
1.00000		0.07681	-1.370751	-0.008688
0.308631		-0.551359	-44.657587	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.272188	5.004213	0.000251
-1.131701		1.270240	187.813120	
0.25000		-0.272188	5.004213	0.000251
-1.131701		1.269929	181.610462	
0.50000		-0.272188	5.004213	0.000251
-1.131701		1.269618	175.407805	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
249

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.272188	5.004213	0.000251
-1.131701		1.269307	169.205148	
1.00000		-0.272188	5.004213	0.000251
-1.131701		1.268996	163.002490	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.212554	-17.086608	0.008739
4.019003		-1.474342	-639.768232	
0.25000		-0.212554	-17.086608	0.008739
4.019003		-1.485175	-618.589603	
0.50000		-0.212554	-17.086608	0.008739
4.019003		-1.496007	-597.410973	
0.75000		-0.212554	-17.086608	0.008739
4.019003		-1.506839	-576.232344	
1.00000		-0.212554	-17.086608	0.008739
4.019003		-1.517671	-555.053714	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.897605	23.583564	-0.454817
-10.790887		-0.438014	881.103773	
0.25000		0.897605	23.583564	-0.454817
-10.790887		0.125725	851.872251	
0.50000		0.897605	23.583564	-0.454817
-10.790887		0.689464	822.640728	
0.75000		0.897605	23.583564	-0.454817
-10.790887		1.253203	793.409206	
1.00000		0.897605	23.583564	-0.454817
-10.790887		1.816942	764.177683	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.473386	-10.377473	0.450319
7.649005		1.075221	-386.976347	
0.25000		-0.473386	-10.377473	0.450319
7.649005		0.517057	-374.113604	
0.50000		-0.473386	-10.377473	0.450319
7.649005		-0.041108	-361.250860	
0.75000		-0.473386	-10.377473	0.450319
7.649005		-0.599272	-348.388117	
1.00000		-0.473386	-10.377473	0.450319
7.649005		-1.157437	-335.525374	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.609123	28.834831	-0.450371
-11.976639		0.993553	1078.198	
0.25000		0.609123	28.834831	-0.450371
-11.976639		1.551781	1042.458	
0.50000		0.609123	28.834831	-0.450371
-11.976639		2.110010	1006.717	
0.75000		0.609123	28.834831	-0.450371
-11.976639		2.668238	970.977075	
1.00000		0.609123	28.834831	-0.450371
-11.976639		3.226467	935.236674	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.609123	-28.834831	0.450371
11.976639		-0.993553	-1078.198	
0.25000		-0.609123	-28.834831	0.450371
11.976639		-1.551781	-1042.458	
0.50000		-0.609123	-28.834831	0.450371
11.976639		-2.110010	-1006.717	
0.75000		-0.609123	-28.834831	0.450371
11.976639		-2.668238	-970.977075	
1.00000		-0.609123	-28.834831	0.450371
11.976639		-3.226467	-935.236674	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.897605	28.834831	0.450371
11.976639		1.270240	1078.198	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
250

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.897605	28.834831	0.450371
11.976639		1.551781	1042.458	
0.50000		0.897605	28.834831	0.450371
11.976639		2.110010	1006.717	
0.75000		0.897605	28.834831	0.450371
11.976639		2.668238	970.977075	
1.00000		0.897605	28.834831	0.450371
11.976639		3.226467	935.236674	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.609123	-28.834831	-0.454817
-11.976639		-1.474342	-1078.198	
0.25000		-0.609123	-28.834831	-0.454817
-11.976639		-1.551781	-1042.458	
0.50000		-0.609123	-28.834831	-0.454817
-11.976639		-2.110010	-1006.717	
0.75000		-0.609123	-28.834831	-0.454817
-11.976639		-2.668238	-970.977075	
1.00000		-0.609123	-28.834831	-0.454817
-11.976639		-3.226467	-935.236674	

ELEM 104 ========== LENGTH = 4.957276

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016293	0.246728	0.003788
0.000120		0.153725	8.055839	
0.25000		-0.016293	0.246728	0.003788
0.000120		0.149031	7.750064	
0.50000		-0.016293	0.246728	0.003788
0.000120		0.144336	7.444289	
0.75000		-0.016293	0.246728	0.003788
0.000120		0.139641	7.138514	
1.00000		-0.016293	0.246728	0.003788
0.000120		0.134946	6.832739	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.078038	-1.368864	-0.004008
0.072916		-0.577486	-44.656945	
0.25000		0.078038	-1.368864	-0.004008
0.072916		-0.572519	-42.960486	
0.50000		0.078038	-1.368864	-0.004008
0.072916		-0.567552	-41.264026	
0.75000		0.078038	-1.368864	-0.004008
0.072916		-0.562585	-39.567567	
1.00000		0.078038	-1.368864	-0.004008
0.072916		-0.557619	-37.871107	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.277282	4.997709	-0.020614
-0.347289		1.311119	163.003560	
0.25000		-0.277282	4.997709	-0.020614
-0.347289		1.336666	156.809803	
0.50000		-0.277282	4.997709	-0.020614
-0.347289		1.362214	150.616047	
0.75000		-0.277282	4.997709	-0.020614
-0.347289		1.387762	144.422290	
1.00000		-0.277282	4.997709	-0.020614
-0.347289		1.413310	138.228533	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.216388	-17.070632	0.053379
2.528244		-1.680352	-555.059955	
0.25000		-0.216388	-17.070632	0.053379
2.528244		-1.746506	-533.903995	
0.50000		-0.216388	-17.070632	0.053379
2.528244		-1.812660	-512.748034	
0.75000		-0.216388	-17.070632	0.053379
2.528244		-1.878814	-491.592074	
1.00000		-0.216388	-17.070632	0.053379
2.528244		-1.944968	-470.436114	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
251

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.913987	23.565905	-0.498453
-9.469375		0.113466	764.329437	
0.25000		0.913987	23.565905	-0.498453
-9.469375		0.731208	735.123761	
0.50000		0.913987	23.565905	-0.498453
-9.469375		1.348949	705.918085	
0.75000		0.913987	23.565905	-0.498453
-9.469375		1.966691	676.712409	
1.00000		0.913987	23.565905	-0.498453
-9.469375		2.584433	647.506732	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.482062	-10.370846	0.465907
7.215383		0.879628	-335.671935	
0.25000		-0.482062	-10.370846	0.465907
7.215383		0.102120	-322.819147	
0.50000		-0.482062	-10.370846	0.465907
7.215383		-0.475288	-309.966359	
0.75000		-0.482062	-10.370846	0.465907
7.215383		-1.052695	-297.113572	
1.00000		-0.482062	-10.370846	0.465907
7.215383		-1.630103	-284.260784	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.620413	28.810342	-0.515279
-9.816544		1.578310	935.388835	
0.25000		0.620413	28.810342	-0.515279
-9.816544		2.216905	899.683628	
0.50000		0.620413	28.810342	-0.515279
-9.816544		2.855500	863.978420	
0.75000		0.620413	28.810342	-0.515279
-9.816544		3.494094	828.273213	
1.00000		0.620413	28.810342	-0.515279
-9.816544		4.132689	792.568005	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.620413	-28.810342	0.515279
9.816544		-1.578310	-935.388835	
0.25000		-0.620413	-28.810342	0.515279
9.816544		-2.216905	-899.683628	
0.50000		-0.620413	-28.810342	0.515279
9.816544		-2.855500	-863.978420	
0.75000		-0.620413	-28.810342	0.515279
9.816544		-3.494094	-828.273213	
1.00000		-0.620413	-28.810342	0.515279
9.816544		-4.132689	-792.568005	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.913987	28.810342	0.515279
9.816544		1.578310	935.388835	
0.25000		0.913987	28.810342	0.515279
9.816544		2.216905	899.683628	
0.50000		0.913987	28.810342	0.515279
9.816544		2.855500	863.978420	
0.75000		0.913987	28.810342	0.515279
9.816544		3.494094	828.273213	
1.00000		0.913987	28.810342	0.515279
9.816544		4.132689	792.568005	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.620413	-28.810342	-0.515279
-9.816544		-1.680352	-935.388835	
0.25000		-0.620413	-28.810342	-0.515279
-9.816544		-2.855500	-899.683628	
0.50000		-0.620413	-28.810342	-0.515279
-9.816544		-2.855500	-863.978420	
0.75000		-0.620413	-28.810342	-0.515279
-9.816544		-3.494094	-828.273213	
1.00000		-0.620413	-28.810342	-0.515279
-9.816544		-4.132689	-792.568005	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
252

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 105 ========== LENGTH = 4.958712

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016289	0.247142	0.003947
0.048595		0.143808	6.832094	
0.25000		-0.016289	0.247142	0.003947
0.048595		0.138915	6.525718	
0.50000		-0.016289	0.247142	0.003947
0.048595		0.134022	6.219342	
0.75000		-0.016289	0.247142	0.003947
0.048595		0.129129	5.912966	
1.00000		-0.016289	0.247142	0.003947
0.048595		0.124236	5.606590	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.079239	-1.371026	-0.003371
-0.163379		0.558975	-37.870824	
0.25000		0.079239	-1.371026	-0.003371
-0.163379		-0.554796	-36.171194	
0.50000		0.079239	-1.371026	-0.003371
-0.163379		-0.550617	-34.471564	
0.75000		0.079239	-1.371026	-0.003371
-0.163379		-0.546437	-32.771934	
1.00000		0.079239	-1.371026	-0.003371
-0.163379		-0.542258	-31.072304	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.282314	5.005713	-0.025283
0.476949		1.361009	138.231411	
0.25000		-0.282314	5.005713	-0.025283
0.476949		1.392352	132.025939	
0.50000		-0.282314	5.005713	-0.025283
0.476949		1.423695	125.820467	
0.75000		-0.282314	5.005713	-0.025283
0.476949		1.455037	119.614995	
1.00000		-0.282314	5.005713	-0.025283
0.476949		1.486380	113.409522	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.220101	-17.092505	0.086632
0.777360		-1.765255	-470.454792	
0.25000		-0.220101	-17.092505	0.086632
0.777360		-1.872650	-449.265591	
0.50000		-0.220101	-17.092505	0.086632
0.777360		-1.980046	-428.076391	
0.75000		-0.220101	-17.092505	0.086632
0.777360		-2.087442	-406.887190	
1.00000		-0.220101	-17.092505	0.086632
0.777360		-2.194837	-385.697989	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.930138	23.593922	-0.544711
-7.799277		0.403799	647.679072	
0.25000		0.930138	23.593922	-0.544711
-7.799277		1.079065	618.430210	
0.50000		0.930138	23.593922	-0.544711
-7.799277		1.754332	589.181347	
0.75000		0.930138	23.593922	-0.544711
-7.799277		2.429599	559.932484	
1.00000		0.930138	23.593922	-0.544711
-7.799277		3.104865	530.683621	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.490673	-10.383246	0.482787
6.659753		0.415614	-284.416962	
0.25000		-0.490673	-10.383246	0.482787
6.659753		-0.182886	-271.545081	
0.50000		-0.490673	-10.383246	0.482787
6.659753		-0.781386	-258.673201	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
253

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.490673	-10.383246	0.482787
6.659753		-1.379886	-245.801320	
1.00000		-0.490673	-10.383246	0.482787
6.659753		-1.978386	-232.929440	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.631535	28.846777	-0.566047
-7.273733		1.908615	792.742578	
0.25000		0.631535	28.846777	-0.566047
-7.273733		2.610332	756.981866	
0.50000		0.631535	28.846777	-0.566047
-7.273733		3.312048	721.221155	
0.75000		0.631535	28.846777	-0.566047
-7.273733		4.013765	685.460444	
1.00000		0.631535	28.846777	-0.566047
-7.273733		4.715481	649.699733	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.631535	-28.846777	0.566047
7.273733		-1.908615	-792.742578	
0.25000		-0.631535	-28.846777	0.566047
7.273733		-2.610332	-756.981866	
0.50000		-0.631535	-28.846777	0.566047
7.273733		-3.312048	-721.221155	
0.75000		-0.631535	-28.846777	0.566047
7.273733		-4.013765	-685.460444	
1.00000		-0.631535	-28.846777	0.566047
7.273733		-4.715481	-649.699733	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.930138	28.846777	0.566047
7.273733		1.908615	792.742578	
0.25000		0.930138	28.846777	0.566047
7.273733		2.610332	756.981866	
0.50000		0.930138	28.846777	0.566047
7.273733		3.312048	721.221155	
0.75000		0.930138	28.846777	0.566047
7.273733		4.013765	685.460444	
1.00000		0.930138	28.846777	0.566047
7.273733		4.715481	649.699733	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.631535	-28.846777	-0.566047
-7.799277		-1.908615	-792.742578	
0.25000		-0.631535	-28.846777	-0.566047
-7.799277		-2.610332	-756.981866	
0.50000		-0.631535	-28.846777	-0.566047
-7.799277		-3.312048	-721.221155	
0.75000		-0.631535	-28.846777	-0.566047
-7.799277		-4.013765	-685.460444	
1.00000		-0.631535	-28.846777	-0.566047
-7.799277		-4.715481	-649.699733	

ELEM 106 ========== LENGTH = 4.957498

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016256	0.247829	0.007511
0.097551		0.129587	5.605882	
0.25000		-0.016256	0.247829	0.007511
0.097551		0.120279	5.298728	
0.50000		-0.016256	0.247829	0.007511
0.097551		0.110970	4.991575	
0.75000		-0.016256	0.247829	0.007511
0.097551		0.101662	4.684422	
1.00000		-0.016256	0.247829	0.007511
0.097551		0.092353	4.377268	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
254

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.080307	-1.374568	-0.021522
-0.416621		-0.523514	-31.071896	
0.25000		0.080307	-1.374568	-0.021522
-0.416621		-0.496840	-29.368291	
0.50000		0.080307	-1.374568	-0.021522
-0.416621		-0.470166	-27.664687	
0.75000		0.080307	-1.374568	-0.021522
-0.416621		-0.443492	-25.961082	
1.00000		0.080307	-1.374568	-0.021522
-0.416621		-0.416818	-24.257478	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.286916	5.018388	0.038985
1.379725		1.357417	113.412358	
0.25000		-0.286916	5.018388	0.038985
1.379725		1.309100	107.192687	
0.50000		-0.286916	5.018388	0.038985
1.379725		1.260783	100.973035	
0.75000		-0.286916	5.018388	0.038985
1.379725		1.212466	94.753374	
1.00000		-0.286916	5.018388	0.038985
1.379725		1.164148	88.533712	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.223164	-17.092263	0.152267
-1.044314		-1.730444	-385.725151	
0.25000		-0.223164	-17.092263	0.152267
-1.044314		-1.919160	-364.541437	
0.50000		-0.223164	-17.092263	0.152267
-1.044314		-2.107876	-343.357723	
0.75000		-0.223164	-17.092263	0.152267
-1.044314		-2.296592	-322.174010	
1.00000		-0.223164	-17.092263	0.152267
-1.044314		-2.485308	-300.990296	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.943369	23.570125	-0.795773
-6.212875		0.527231	530.875444	
0.25000		0.943369	23.570125	-0.795773
-6.212875		1.513492	501.663234	
0.50000		0.943369	23.570125	-0.795773
-6.212875		2.499753	472.451024	
0.75000		0.943369	23.570125	-0.795773
-6.212875		3.486013	443.238814	
1.00000		0.943369	23.570125	-0.795773
-6.212875		4.472274	414.026604	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.497340	-10.369511	0.618532
6.196534		0.239722	-233.096637	
0.25000		-0.497340	-10.369511	0.618532
6.196534		-0.526871	-220.244931	
0.50000		-0.497340	-10.369511	0.618532
6.196534		-1.293463	-207.393224	
0.75000		-0.497340	-10.369511	0.618532
6.196534		-2.060056	-194.541517	
1.00000		-0.497340	-10.369511	0.618532
6.196534		-2.826649	-181.689810	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.640197	28.836342	-0.749277
-4.735599		2.014236	649.893684	
0.25000		0.640197	28.836342	-0.749277
-4.735599		2.942871	614.154659	
0.50000		0.640197	28.836342	-0.749277
-4.735599		3.871506	578.415634	
0.75000		0.640197	28.836342	-0.749277
-4.735599		4.800141	542.676609	
1.00000		0.640197	28.836342	-0.749277
-4.735599		5.728775	506.937584	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
255

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.640197	-28.836342	0.749277
4.735599		-2.014236	-649.893684	
0.25000		-0.640197	-28.836342	0.749277
4.735599		-2.942871	-614.154659	
0.50000		-0.640197	-28.836342	0.749277
4.735599		-3.871506	-578.415634	
0.75000		-0.640197	-28.836342	0.749277
4.735599		-4.800141	-542.676609	
1.00000		-0.640197	-28.836342	0.749277
4.735599		-5.728775	-506.937584	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.943369	28.836342	0.749277
6.196534		2.014236	649.893684	
0.25000		0.943369	28.836342	0.749277
6.196534		2.942871	614.154659	
0.50000		0.943369	28.836342	0.749277
6.196534		3.871506	578.415634	
0.75000		0.943369	28.836342	0.749277
6.196534		4.800141	542.676609	
1.00000		0.943369	28.836342	0.749277
6.196534		5.728775	506.937584	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.640197	-28.836342	-0.795773
-6.212875		-2.014236	-649.893684	
0.25000		-0.640197	-28.836342	-0.795773
-6.212875		-2.942871	-614.154659	
0.50000		-0.640197	-28.836342	-0.795773
-6.212875		-3.871506	-578.415634	
0.75000		-0.640197	-28.836342	-0.795773
-6.212875		-4.800141	-542.676609	
1.00000		-0.640197	-28.836342	-0.795773
-6.212875		-5.728775	-506.937584	

ELEM 107 ========== LENGTH = 4.958182

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016174	0.249680	0.018277
0.145569		0.094964	4.376522	
0.25000		-0.016174	0.249680	0.018277
0.145569		0.072309	4.067032	
0.50000		-0.016174	0.249680	0.018277
0.145569		0.049653	3.757542	
0.75000		-0.016174	0.249680	0.018277
0.145569		0.026998	3.448052	
1.00000		-0.016174	0.249680	0.018277
0.145569		0.004342	3.138561	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.081087	-1.384150	-0.078083
-0.669263		-0.382412	-24.256911	
0.25000		0.081087	-1.384150	-0.078083
-0.669263		-0.285624	-22.541194	
0.50000		0.081087	-1.384150	-0.078083
-0.669263		-0.188837	-20.825477	
0.75000		0.081087	-1.384150	-0.078083
-0.669263		-0.092050	-19.109760	
1.00000		0.081087	-1.384150	-0.078083
-0.669263		0.004738	-17.394043	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.290446	5.052485	0.242074
2.285745		0.975472	88.536152	
0.25000		-0.290446	5.052485	0.242074
2.285745		0.675409	82.273367	
0.50000		-0.290446	5.052485	0.242074
2.285745		0.375347	76.010582	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
256

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.290446	5.052485	0.242074
2.285745		0.075285	69.747797	
1.00000		-0.290446	5.052485	0.242074
2.285745		-0.224778	63.485012	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.225658	-17.073809	0.319499
-2.420919		-1.795399	-301.023299	
0.25000		-0.225658	-17.073809	0.319499
-2.420919		-2.191432	-279.859534	
0.50000		-0.225658	-17.073809	0.319499
-2.420919		-2.587466	-258.695770	
0.75000		-0.225658	-17.073809	0.319499
-2.420919		-2.983500	-237.532005	
1.00000		-0.225658	-17.073809	0.319499
-2.420919		-3.379533	-216.368241	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.954368	23.469755	-1.499605
-5.542290		1.581001	414.228676	
0.25000		0.954368	23.469755	-1.499605
-5.542290		3.439830	385.136845	
0.50000		0.954368	23.469755	-1.499605
-5.542290		5.298660	356.045015	
0.75000		0.954368	23.469755	-1.499605
-5.542290		7.157489	326.953184	
1.00000		0.954368	23.469755	-1.499605
-5.542290		9.016318	297.861353	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.503177	-10.313961	0.997837
6.201158		-0.473627	-181.861141	
0.25000		-0.503177	-10.313961	0.997837
6.201158		-1.710492	-169.076516	
0.50000		-0.503177	-10.313961	0.997837
6.201158		-2.947357	-156.291892	
0.75000		-0.503177	-10.313961	0.997837
6.201158		-4.184222	-143.507267	
1.00000		-0.503177	-10.313961	0.997837
6.201158		-5.421087	-130.722643	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.647748	28.771920	-1.239254
-3.110976		2.651437	507.141351	
0.25000		0.647748	28.771920	-1.239254
-3.110976		4.187549	471.477244	
0.50000		0.647748	28.771920	-1.239254
-3.110976		5.723660	435.813138	
0.75000		0.647748	28.771920	-1.239254
-3.110976		7.259771	400.149032	
1.00000		0.647748	28.771920	-1.239254
-3.110976		8.795882	364.484926	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.647748	-28.771920	1.239254
3.110976		-2.651437	-507.141351	
0.25000		-0.647748	-28.771920	1.239254
3.110976		-4.187549	-471.477244	
0.50000		-0.647748	-28.771920	1.239254
3.110976		-5.723660	-435.813138	
0.75000		-0.647748	-28.771920	1.239254
3.110976		-7.259771	-400.149032	
1.00000		-0.647748	-28.771920	1.239254
3.110976		-8.795882	-364.484926	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.954368	28.771920	1.239254
6.201158		2.651437	507.141351	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
257

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.954368	28.771920	1.239254
6.201158		4.187549	471.477244	
0.50000		0.954368	28.771920	1.239254
6.201158		5.723660	435.813138	
0.75000		0.954368	28.771920	1.239254
6.201158		7.259771	400.149032	
1.00000		0.954368	28.771920	1.239254
6.201158		9.016318	364.484926	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.647748	-28.771920	-1.499605
-5.542290		-2.651437	-507.141351	
0.25000		-0.647748	-28.771920	-1.499605
-5.542290		-4.187549	-471.477244	
0.50000		-0.647748	-28.771920	-1.499605
-5.542290		-5.723660	-435.813138	
0.75000		-0.647748	-28.771920	-1.499605
-5.542290		-7.259771	-400.149032	
1.00000		-0.647748	-28.771920	-1.499605
-5.542290		-8.795882	-364.484926	

ELEM 108 ========== LENGTH = 4.957991

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016025	0.253252	0.032862
0.194186		0.004706	3.137709	
0.25000		-0.016025	0.253252	0.032862
0.194186		-0.036026	2.823805	
0.50000		-0.016025	0.253252	0.032862
0.194186		-0.076759	2.509900	
0.75000		-0.016025	0.253252	0.032862
0.194186		-0.117491	2.195995	
1.00000		-0.016025	0.253252	0.032862
0.194186		-0.158224	1.882090	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.081543	-1.402758	-0.154378
-0.928408		0.051863	-17.392968	
0.25000		0.081543	-1.402758	-0.154378
-0.928408		0.243214	-15.654253	
0.50000		0.081543	-1.402758	-0.154378
-0.928408		0.434565	-13.915538	
0.75000		0.081543	-1.402758	-0.154378
-0.928408		0.625916	-12.176823	
1.00000		0.081543	-1.402758	-0.154378
-0.928408		0.817268	-10.438108	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.292860	5.118847	0.515609
3.219440		-0.461652	63.485779	
0.25000		-0.292860	5.118847	0.515609
3.219440		-1.100749	57.140979	
0.50000		-0.292860	5.118847	0.515609
3.219440		-1.739845	50.796179	
0.75000		-0.292860	5.118847	0.515609
3.219440		-2.378942	44.451380	
1.00000		-0.292860	5.118847	0.515609
3.219440		-3.018038	38.106580	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.226663	-17.048240	0.550805
-3.216613		-2.524418	-216.405844	
0.25000		-0.226663	-17.048240	0.550805
-3.216613		-3.207140	-195.274590	
0.50000		-0.226663	-17.048240	0.550805
-3.216613		-3.889861	-174.143337	
0.75000		-0.226663	-17.048240	0.550805
-3.216613		-4.572583	-153.012083	
1.00000		-0.226663	-17.048240	0.550805
-3.216613		-5.255304	-131.880829	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
258

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.959216	23.292881	-2.473458
-5.889105		5.905675	298.076049	
0.25000		0.959216	23.292881	-2.473458
-5.889105		8.971520	269.204576	
0.50000		0.959216	23.292881	-2.473458
-5.889105		12.037366	240.333103	
0.75000		0.959216	23.292881	-2.473458
-5.889105		15.103211	211.461631	
1.00000		0.959216	23.292881	-2.473458
-5.889105		18.169057	182.590158	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.505211	-10.213983	1.528560
6.620500		-2.076173	-130.900725	
0.25000		-0.505211	-10.213983	1.528560
6.620500		-4.870820	-118.240516	
0.50000		-0.505211	-10.213983	1.528560
6.620500		-6.765466	-105.580308	
0.75000		-0.505211	-10.213983	1.528560
6.620500		-8.660112	-92.920099	
1.00000		-0.505211	-10.213983	1.528560
6.620500		-10.554758	-80.259890	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.650331	28.664980	-1.924987
-2.475478		5.448729	364.699537	
0.25000		0.650331	28.664980	-1.924987
-2.475478		7.834745	329.169360	
0.50000		0.650331	28.664980	-1.924987
-2.475478		10.220762	293.639182	
0.75000		0.650331	28.664980	-1.924987
-2.475478		12.606779	258.109005	
1.00000		0.650331	28.664980	-1.924987
-2.475478		14.992795	222.578828	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.650331	-28.664980	1.924987
2.475478		-5.448729	-364.699537	
0.25000		-0.650331	-28.664980	1.924987
2.475478		-7.834745	-329.169360	
0.50000		-0.650331	-28.664980	1.924987
2.475478		-10.220762	-293.639182	
0.75000		-0.650331	-28.664980	1.924987
2.475478		-12.606779	-258.109005	
1.00000		-0.650331	-28.664980	1.924987
2.475478		-14.992795	-222.578828	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.959216	28.664980	1.924987
6.620500		5.905675	364.699537	
0.25000		0.959216	28.664980	1.924987
6.620500		8.971520	329.169360	
0.50000		0.959216	28.664980	1.924987
6.620500		12.037366	293.639182	
0.75000		0.959216	28.664980	1.924987
6.620500		15.103211	258.109005	
1.00000		0.959216	28.664980	1.924987
6.620500		18.169057	222.578828	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.650331	-28.664980	-2.473458
-5.889105		-5.448729	-364.699537	
0.25000		-0.650331	-28.664980	-2.473458
-5.889105		-7.834745	-329.169360	
0.50000		-0.650331	-28.664980	-2.473458
-5.889105		-10.220762	-293.639182	
0.75000		-0.650331	-28.664980	-2.473458
-5.889105		-12.606779	-258.109005	
1.00000		-0.650331	-28.664980	-2.473458
-5.889105		-14.992795	-222.578828	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
259

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 109 ========== LENGTH = 4.958041

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.015912	0.253547	0.020104
0.249046		-0.160203	1.881090	
0.25000		-0.015912	0.253547	0.020104
0.249046		-0.185122	1.566815	
0.50000		-0.015912	0.253547	0.020104
0.249046		-0.210042	1.252541	
0.75000		-0.015912	0.253547	0.020104
0.249046		-0.234962	0.938267	
1.00000		-0.015912	0.253547	0.020104
0.249046		-0.259881	0.623992	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.082170	-1.404193	-0.086136
-1.223592		0.876906	-10.443260	
0.25000		0.082170	-1.404193	-0.086136
-1.223592		0.983673	-8.695748	
0.50000		0.082170	-1.404193	-0.086136
-1.223592		1.090440	-6.955236	
0.75000		0.082170	-1.404193	-0.086136
-1.223592		1.197207	-5.214724	
1.00000		0.082170	-1.404193	-0.086136
-1.223592		1.303974	-3.474212	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.295881	5.123918	0.268760
4.287617		-3.300967	38.104634	
0.25000		-0.295881	5.123918	0.268760
4.287617		-3.634098	31.753486	
0.50000		-0.295881	5.123918	0.268760
4.287617		-3.967229	25.402337	
0.75000		-0.295881	5.123918	0.268760
4.287617		-4.300361	19.051189	
1.00000		-0.295881	5.123918	0.268760
4.287617		-4.633492	12.700040	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.228153	-16.982275	0.385567
-3.182975		-4.299425	-131.921882	
0.25000		-0.228153	-16.982275	0.385567
-3.182975		-4.777340	-110.872179	
0.50000		-0.228153	-16.982275	0.385567
-3.182975		-5.255254	-89.822475	
0.75000		-0.228153	-16.982275	0.385567
-3.182975		-5.733168	-68.772771	
1.00000		-0.228153	-16.982275	0.385567
-3.182975		-6.211083	-47.723068	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.966069	23.156981	-1.742347
-7.824189		14.973193	182.816465	
0.25000		0.966069	23.156981	-1.742347
-7.824189		17.132650	154.113150	
0.50000		0.966069	23.156981	-1.742347
-7.824189		19.292507	125.409836	
0.75000		0.966069	23.156981	-1.742347
-7.824189		21.452165	96.706522	
1.00000		0.966069	23.156981	-1.742347
-7.824189		23.611822	68.003207	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.508294	-10.147977	1.154052
7.694093		-8.089504	-80.444046	
0.25000		-0.508294	-10.147977	1.154052
7.694093		-9.519963	-67.865524	
0.50000		-0.508294	-10.147977	1.154052
7.694093		-10.950422	-55.287003	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
260

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.508294	-10.147977	1.154052
7.694093		-12.380881	-42.708482	
1.00000		-0.508294	-10.147977	1.154052
7.694093		-13.811340	-30.129960	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.654276	28.534446	-1.453483
-3.287526		11.512023	222.802188	
0.25000		0.654276	28.534446	-1.453483
-3.287526		13.313630	187.433451	
0.50000		0.654276	28.534446	-1.453483
-3.287526		15.115236	152.064714	
0.75000		0.654276	28.534446	-1.453483
-3.287526		16.916843	116.695977	
1.00000		0.654276	28.534446	-1.453483
-3.287526		18.718449	81.327240	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.654276	-28.534446	1.453483
3.287526		-11.512023	-222.802188	
0.25000		-0.654276	-28.534446	1.453483
3.287526		-13.313630	-187.433451	
0.50000		-0.654276	-28.534446	1.453483
3.287526		-15.115236	-152.064714	
0.75000		-0.654276	-28.534446	1.453483
3.287526		-16.916843	-116.695977	
1.00000		-0.654276	-28.534446	1.453483
3.287526		-18.718449	-81.327240	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.966069	28.534446	1.453483
7.694093		14.973193	222.802188	
0.25000		0.966069	28.534446	1.453483
7.694093		17.132850	187.433451	
0.50000		0.966069	28.534446	1.453483
7.694093		19.292507	152.064714	
0.75000		0.966069	28.534446	1.453483
7.694093		21.452165	116.695977	
1.00000		0.966069	28.534446	1.453483
7.694093		23.611822	81.327240	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.654276	-28.534446	-1.742347
-7.824189		-11.512023	-222.802188	
0.25000		-0.654276	-28.534446	-1.742347
-7.824189		-13.313630	-187.433451	
0.50000		-0.654276	-28.534446	-1.742347
-7.824189		-15.115236	-152.064714	
0.75000		-0.654276	-28.534446	-1.742347
-7.824189		-16.916843	-116.695977	
1.00000		-0.654276	-28.534446	-1.742347
-7.824189		-18.718449	-81.327240	

ELEM 110 ========== LENGTH = 2.751480

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016089	0.233004	-0.098016
0.303457		-0.264730	0.623219	
0.25000		-0.016089	0.233004	-0.098016
0.303457		-0.197308	0.462943	
0.50000		-0.016089	0.233004	-0.098016
0.303457		-0.129886	0.302667	
0.75000		-0.016089	0.233004	-0.098016
0.303457		-0.062464	0.142390	
1.00000		-0.016089	0.233004	-0.098016
0.303457		0.004958	-0.017886	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
261

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.084483	-1.298141	0.529902
-1.536909		1.384455	-3.473746	
0.25000		0.084483	-1.298141	0.529902
-1.536909		1.019952	-2.580794	
0.50000		0.084483	-1.298141	0.529902
-1.536909		0.655448	-1.687842	
0.75000		0.084483	-1.298141	0.529902
-1.536909		0.290945	-0.794889	
1.00000		0.084483	-1.298141	0.529902
-1.536909		-0.073559	0.098063	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.305019	4.747296	-1.937468
5.451392		-4.999906	12.703374	
0.25000		-0.305019	4.747296	-1.937468
5.451392		-3.667181	9.437581	
0.50000		-0.305019	4.747296	-1.937468
5.451392		-2.334455	6.172329	
0.75000		-0.305019	4.747296	-1.937468
5.451392		-1.001729	2.906806	
1.00000		-0.305019	4.747296	-1.937468
5.451392		0.330997	-0.358716	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.234638	-17.289391	-1.501764
-0.953828		-5.095032	-47.780755	
0.25000		-0.234638	-17.289391	-1.501764
-0.953828		-4.062014	-35.887902	
0.50000		-0.234638	-17.289391	-1.501764
-0.953828		-3.028996	-23.995049	
0.75000		-0.234638	-17.289391	-1.501764
-0.953828		-1.995978	-12.102196	
1.00000		-0.234638	-17.289391	-1.501764
-0.953828		-0.962960	-0.209343	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.994068	24.468865	6.187533
-12.721166		20.059289	68.254474	
0.25000		0.994068	24.468865	6.187533
-12.721166		15.803070	51.423076	
0.50000		0.994068	24.468865	6.187533
-12.721166		11.546852	34.591678	
0.75000		0.994068	24.468865	6.187533
-12.721166		7.290634	17.760280	
1.00000		0.994068	24.468865	6.187533
-12.721166		3.034415	0.928881	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.522805	-10.861633	-3.180188
9.457054	-11.084075	-30.326566	
0.25000	-0.522805	-10.861633	-3.180188
9.457054	-8.896519	-22.855175	
0.50000	-0.522805	-10.861633	-3.180188
9.457054	-6.708963	-15.383783	
0.75000	-0.522805	-10.861633	-3.180188
9.457054	-4.521407	-7.912391	
1.00000	-0.522805	-10.861633	-3.180188
9.457054	-2.333851	-0.441000	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.672960	29.449165	4.152050
-6.966317	14.794652	81.581068	
0.25000	0.672960	29.449165	4.152050
-6.966317	11.938582	61.323870	
0.50000	0.672960	29.449165	4.152050
-6.966317	9.082511	41.066673	
0.75000	0.672960	29.449165	4.152050
-6.966317	6.226440	20.809476	
1.00000	0.672960	29.449165	4.152050
-6.966317	3.370370	0.552279	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
262

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672960	-29.449165	-4.152050
6.966317	-14.794652	-81.581068	
0.25000	-0.672960	-29.449165	-4.152050
6.966317	-11.938582	-61.323870	
0.50000	-0.672960	-29.449165	-4.152050
6.966317	-9.082511	-41.066673	
0.75000	-0.672960	-29.449165	-4.152050
6.966317	-6.226440	-20.809476	
1.00000	-0.672960	-29.449165	-4.152050
6.966317	-3.370370	-0.552279	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.994068	29.449165	6.187533
9.457054	20.059289	81.581068	
0.25000	0.994068	29.449165	6.187533
9.457054	15.803070	61.323870	
0.50000	0.994068	29.449165	6.187533
9.457054	11.546852	41.066673	
0.75000	0.994068	29.449165	6.187533
9.457054	7.290634	20.809476	
1.00000	0.994068	29.449165	6.187533
9.457054	3.370370	0.928881	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.672960	-29.449165	-4.152050
-12.721166	-14.794652	-81.581068	
0.25000	-0.672960	-29.449165	-4.152050
-12.721166	-11.938582	-61.323870	
0.50000	-0.672960	-29.449165	-4.152050
-12.721166	-9.082511	-41.066673	
0.75000	-0.672960	-29.449165	-4.152050
-12.721166	-6.226440	-20.809476	
1.00000	-0.672960	-29.449165	-4.152050
-12.721166	-3.370370	-0.552279	

ELEM 111 ========== LENGTH = 2.734364

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.470845	10.155152	0.217881
-0.580422	-1.152383	0.069908	
0.25000	-0.470845	10.155152	0.217881
-0.580422	-1.301325	-6.872061	
0.50000	-0.470845	10.155152	0.217881
-0.580422	-1.450266	-13.814030	
0.75000	-0.470845	10.155152	0.217881
-0.580422	-1.599208	-20.756000	
1.00000	-0.470845	10.155152	0.217881
-0.580422	-1.748150	-27.697969	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.650251	-22.693919	-0.310135
-1.853376	1.591397	-0.092311	
0.25000	0.650251	-22.693919	-0.310135
-1.853376	1.803402	15.421046	
0.50000	0.650251	-22.693919	-0.310135
-1.853376	2.015408	30.934403	
0.75000	0.650251	-22.693919	-0.310135
-1.853376	2.227414	46.447760	
1.00000	0.650251	-22.693919	-0.310135
-1.853376	2.439419	61.961118	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.223277	16.296964	-0.009181
2.637120	-0.545963	0.028481	
0.25000	-0.223277	16.296964	-0.009181
2.637120	-0.539687	-11.111976	
0.50000	-0.223277	16.296964	-0.009181
2.637120	-0.533411	-22.252433	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
263

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.223277	16.296964	-0.009181
2.637120	-0.527735	-33.392890	
1.00000	-0.223277	16.296964	-0.009181
2.637120	-0.520860	-44.533347	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051477	-4.727112	-0.044964
-1.232079	0.126029	-0.005581	
0.25000	0.051477	-4.727112	-0.044964
-1.232079	0.156766	3.225829	
0.50000	0.051477	-4.727112	-0.044964
-1.232079	0.187503	6.457240	
0.75000	0.051477	-4.727112	-0.044964
-1.232079	0.218239	9.688651	
1.00000	0.051477	-4.727112	-0.044964
-1.232079	0.248976	12.920061	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009320	1.181285	0.178684
1.254021	-0.023377	-0.000599	
0.25000	-0.009320	1.181285	0.178684
1.254021	-0.145524	-0.808115	
0.50000	-0.009320	1.181285	0.178684
1.254021	-0.267671	-1.615630	
0.75000	-0.009320	1.181285	0.178684
1.254021	-0.389817	-2.423146	
1.00000	-0.009320	1.181285	0.178684
1.254021	-0.511964	-3.230661	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001714	-0.212370	-0.032286
-0.225264	0.004297	0.000102	
0.25000	0.001714	-0.212370	-0.032286
-0.225264	0.026367	0.145276	
0.50000	0.001714	-0.212370	-0.032286
-0.225264	0.048438	0.290450	
0.75000	0.001714	-0.212370	-0.032286
-0.225264	0.070508	0.435624	
1.00000	0.001714	-0.212370	-0.032286
-0.225264	0.092578	0.580798	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.703442	27.633400	0.387385
3.310719	-1.721723	0.097790	
0.25000	-0.703442	27.633400	0.387385
3.310719	-1.986535	-18.792151	
0.50000	-0.703442	27.633400	0.387385
3.310719	-2.251348	-37.682093	
0.75000	-0.703442	27.633400	0.387385
3.310719	-2.516161	-56.572035	
1.00000	-0.703442	27.633400	0.387385
3.310719	-2.780974	-75.461977	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.703442	-27.633400	-0.387385
-3.310719	1.721723	-0.097790	
0.25000	0.703442	-27.633400	-0.387385
-3.310719	1.986535	18.792151	
0.50000	0.703442	-27.633400	-0.387385
-3.310719	2.251348	37.682093	
0.75000	0.703442	-27.633400	-0.387385
-3.310719	2.516161	56.572035	
1.00000	0.703442	-27.633400	-0.387385
-3.310719	2.780974	75.461977	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.703442	27.633400	0.387385
3.310719	1.721723	0.097790	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
264

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.703442	27.633400	0.387385
3.310719	1.986535	18.792151	
0.50000	0.703442	27.633400	0.387385
3.310719	2.251348	37.682093	
0.75000	0.703442	27.633400	0.387385
3.310719	2.516161	56.572035	
1.00000	0.703442	27.633400	0.387385
3.310719	2.780974	75.461977	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.703442	-27.633400	-0.387385
-3.310719	-1.721723	-0.097790	
0.25000	-0.703442	-27.633400	-0.387385
-3.310719	-1.986535	-18.792151	
0.50000	-0.703442	-27.633400	-0.387385
-3.310719	-2.251348	-37.682093	
0.75000	-0.703442	-27.633400	-0.387385
-3.310719	-2.516161	-56.572035	
1.00000	-0.703442	-27.633400	-0.387385
-3.310719	-2.780974	-75.461977	

ELEM 112 ========== LENGTH = 4.928892

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.041042	10.195531	-0.080775
-1.387936	-3.084485	-27.613764	
0.25000	-1.041042	10.195531	-0.080775
-1.387936	-2.984952	-40.176932	
0.50000	-1.041042	10.195531	-0.080775
-1.387936	-2.885419	-52.740101	
0.75000	-1.041042	10.195531	-0.080775
-1.387936	-2.785886	-65.303270	
1.00000	-1.041042	10.195531	-0.080775
-1.387936	-2.686352	-77.866438	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.436044	-23.051546	0.102956
-1.889579	4.281130	61.858302	
0.25000	1.436044	-23.051546	0.102956
-1.889579	4.154265	90.262950	
0.50000	1.436044	-23.051546	0.102956
-1.889579	4.027400	118.667599	
0.75000	1.436044	-23.051546	0.102956
-1.889579	3.900534	147.072247	
1.00000	1.436044	-23.051546	0.102956
-1.889579	3.773669	175.476895	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.491686	16.588740	-0.121633
3.810771	-1.149042	-44.509007	
0.25000	-0.491686	16.588740	-0.121633
3.810771	-0.999163	-64.950036	
0.50000	-0.491686	16.588740	-0.121633
3.810771	-0.849283	-85.391064	
0.75000	-0.491686	16.588740	-0.121633
3.810771	-0.699404	-105.832093	
1.00000	-0.491686	16.588740	-0.121633
3.810771	-0.549525	-126.273122	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113098	-4.885445	-0.010157
-1.665328	0.393596	12.917306	
0.25000	0.113098	-4.885445	-0.010157
-1.665328	0.406111	18.937264	
0.50000	0.113098	-4.885445	-0.010157
-1.665328	0.418627	24.957222	
0.75000	0.113098	-4.885445	-0.010157
-1.665328	0.431142	30.977180	
1.00000	0.113098	-4.885445	-0.010157
-1.665328	0.443657	36.997138	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
265

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020115	1.405323	0.133978
1.379947	-0.538692	-3.234279	
0.25000	-0.020115	1.405323	0.133978
1.379947	-0.703783	-4.965951	
0.50000	-0.020115	1.405323	0.133978
1.379947	-0.868873	-6.697623	
0.75000	-0.020115	1.405323	0.133978
1.379947	-1.033964	-8.429295	
1.00000	-0.020115	1.405323	0.133978
1.379947	-1.199054	-10.160967	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003701	-0.252603	-0.024369
-0.247876	0.007493	0.581441	
0.25000	0.003701	-0.252603	-0.024369
-0.247876	0.127521	0.892704	
0.50000	0.003701	-0.252603	-0.024369
-0.247876	0.157549	1.203967	
0.75000	0.003701	-0.252603	-0.024369
-0.247876	0.187577	1.515231	
1.00000	0.003701	-0.252603	-0.024369
-0.247876	0.217605	1.826494	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.552843	28.189594	-0.068431
3.802783	-4.772219	-75.357050	
0.25000	-1.552843	28.189594	-0.068431
3.802783	-4.687897	-110.092919	
0.50000	-1.552843	28.189594	-0.068431
3.802783	-4.603575	-144.828788	
0.75000	-1.552843	28.189594	-0.068431
3.802783	-4.519253	-179.564657	
1.00000	-1.552843	28.189594	-0.068431
3.802783	-4.434931	-214.300527	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.552843	-28.189594	0.068431
-3.802783	4.772219	75.357050	
0.25000	1.552843	-28.189594	0.068431
-3.802783	4.687897	110.092919	
0.50000	1.552843	-28.189594	0.068431
-3.802783	4.603575	144.828788	
0.75000	1.552843	-28.189594	0.068431
-3.802783	4.519253	179.564657	
1.00000	1.552843	-28.189594	0.068431
-3.802783	4.434931	214.300527	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.552843	28.189594	0.133978
3.810771	4.772219	75.357050	
0.25000	1.552843	28.189594	0.133978
3.810771	4.687897	110.092919	
0.50000	1.552843	28.189594	0.133978
3.810771	4.603575	144.828788	
0.75000	1.552843	28.189594	0.133978
3.810771	4.519253	179.564657	
1.00000	1.552843	28.189594	0.133978
3.810771	4.434931	214.300527	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.552843	-28.189594	-0.121633
-3.802783	-4.772219	-75.357050	
0.25000	-1.552843	-28.189594	-0.121633
-3.802783	-4.687897	-110.092919	
0.50000	-1.552843	-28.189594	-0.121633
-3.802783	-4.603575	-144.828788	
0.75000	-1.552843	-28.189594	-0.121633
-3.802783	-4.519253	-179.564657	
1.00000	-1.552843	-28.189594	-0.121633
-3.802783	-4.434931	-214.300527	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
266

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 113 ========== LENGTH = 4.927847

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.531131	10.143899	-0.326691
-2.423436	-3.869372	-77.785775	
0.25000	-1.531131	10.143899	-0.326691
-2.423436	-3.466901	-90.282670	
0.50000	-1.531131	10.143899	-0.326691
-2.423436	-3.064430	-102.779566	
0.75000	-1.531131	10.143899	-0.326691
-2.423436	-2.661959	-115.276461	
1.00000	-1.531131	10.143899	-0.326691
-2.423436	-2.259488	-127.773356	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.103498	-23.066471	0.441027
-0.609698	3.384941	175.386707	
0.25000	2.103498	-23.066471	0.441027
-0.609698	4.841613	203.803715	
0.50000	2.103498	-23.066471	0.441027
-0.609698	4.298286	232.220723	
0.75000	2.103498	-23.066471	0.441027
-0.609698	3.754958	260.637731	
1.00000	2.103498	-23.066471	0.441027
-0.609698	3.211630	289.054739	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.711150	16.687775	-0.124443
3.803839	-1.078807	-126.260955	
0.25000	-0.711150	16.687775	-0.124443
3.803839	-0.925498	-146.819654	
0.50000	-0.711150	16.687775	-0.124443
3.803839	-0.772188	-167.378354	
0.75000	-0.711150	16.687775	-0.124443
3.803839	-0.618879	-187.937054	
1.00000	-0.711150	16.687775	-0.124443
3.803839	-0.465569	-208.495754	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.162832	-4.916352	0.028446
-1.580339	0.563901	36.998220	
0.25000	0.162832	-4.916352	0.028446
-1.580339	0.528857	43.054977	
0.50000	0.162832	-4.916352	0.028446
-1.580339	0.493812	49.111734	
0.75000	0.162832	-4.916352	0.028446
-1.580339	0.458768	55.168491	
1.00000	0.162832	-4.916352	0.028446
-1.580339	0.423723	61.225248	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029474	1.403406	-0.021928
0.986918	-1.222606	-10.165498	
0.25000	-0.029474	1.403406	-0.021928
0.986918	-1.139592	-11.894441	
0.50000	-0.029474	1.403406	-0.021928
0.986918	-1.168577	-13.623384	
0.75000	-0.029474	1.403406	-0.021928
0.986918	-1.141562	-15.352326	
1.00000	-0.029474	1.403406	-0.021928
0.986918	-1.114548	-17.081269	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005426	-0.252258	0.003590
-0.177284	0.221943	1.827301	
0.25000	0.005426	-0.252258	0.003590
-0.177284	0.217521	2.138074	
0.50000	0.005426	-0.252258	0.003590
-0.177284	0.213098	2.448847	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
267

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.005426	-0.252258	0.003590
-0.177284	0.208675	2.759619	
1.00000	0.005426	-0.252258	0.003590
-0.177284	0.204252	3.070392	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.271755	28.235081	-0.473063
2.367320	-6.170786	-214.212227	
0.25000	-2.271755	28.235081	-0.473063
2.367320	-5.587991	-248.996765	
0.50000	-2.271755	28.235081	-0.473063
2.367320	-5.005196	-283.781303	
0.75000	-2.271755	28.235081	-0.473063
2.367320	-4.422401	-318.565841	
1.00000	-2.271755	28.235081	-0.473063
2.367320	-3.839605	-353.350379	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.271755	-28.235081	0.473063
-2.367320	6.170786	214.212227	
0.25000	2.271755	-28.235081	0.473063
-2.367320	5.587991	248.996765	
0.50000	2.271755	-28.235081	0.473063
-2.367320	5.005196	283.781303	
0.75000	2.271755	-28.235081	0.473063
-2.367320	4.422401	318.565841	
1.00000	2.271755	-28.235081	0.473063
-2.367320	3.839605	353.350379	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.271755	28.235081	0.473063
3.803839	6.170786	214.212227	
0.25000	2.271755	28.235081	0.473063
3.803839	5.587991	248.996765	
0.50000	2.271755	28.235081	0.473063
3.803839	5.005196	283.781303	
0.75000	2.271755	28.235081	0.473063
3.803839	4.422401	318.565841	
1.00000	2.271755	28.235081	0.473063
3.803839	3.839605	353.350379	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.271755	-28.235081	-0.473063
-2.423436	-6.170786	-214.212227	
0.25000	-2.271755	-28.235081	-0.473063
-2.423436	-5.587991	-248.996765	
0.50000	-2.271755	-28.235081	-0.473063
-2.423436	-5.005196	-283.781303	
0.75000	-2.271755	-28.235081	-0.473063
-2.423436	-4.422401	-318.565841	
1.00000	-2.271755	-28.235081	-0.473063
-2.423436	-3.839605	-353.350379	

ELEM 114 ========== LENGTH = 4.927922

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.017052	10.097803	-0.418156
-3.441013	-3.427405	-127.688450	
0.25000	-2.017052	10.097803	-0.418156
-3.441013	-2.912244	-140.128746	
0.50000	-2.017052	10.097803	-0.418156
-3.441013	-2.397084	-152.569042	
0.75000	-2.017052	10.097803	-0.418156
-3.441013	-1.881923	-165.009338	
1.00000	-2.017052	10.097803	-0.418156
-3.441013	-1.366763	-177.449634	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
268

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.751198	-23.026138	0.577875
1.101907	4.768174	288.960286	
0.25000	2.751198	-23.026138	0.577875
1.101907	4.056243	317.328040	
0.50000	2.751198	-23.026138	0.577875
1.101907	3.344313	345.695793	
0.75000	2.751198	-23.026138	0.577875
1.101907	2.632383	374.063546	
1.00000	2.751198	-23.026138	0.577875
1.101907	1.920452	402.431299	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.908747	16.718573	-0.139812
3.129997	-0.940428	-208.485021	
0.25000	-0.908747	16.718573	-0.139812
3.129997	-0.768183	-229.081977	
0.50000	-0.908747	16.718573	-0.139812
3.129997	-0.595938	-249.678933	
0.75000	-0.908747	16.718573	-0.139812
3.129997	-0.423693	-270.275890	
1.00000	-0.908747	16.718573	-0.139812
3.129997	-0.251448	-290.872846	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.206464	-4.914739	0.048643
-1.286121	0.528555	61.226296	
0.25000	0.206464	-4.914739	0.048643
-1.286121	0.468628	67.281159	
0.50000	0.206464	-4.914739	0.048643
-1.286121	0.408701	73.336021	
0.75000	0.206464	-4.914739	0.048643
-1.286121	0.348774	79.390884	
1.00000	0.206464	-4.914739	0.048643
-1.286121	0.288846	85.445746	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039060	1.370929	-0.083125
0.603682	-1.137368	-17.083985	
0.25000	-0.039060	1.370929	-0.083125
0.603682	-1.034959	-18.772943	
0.50000	-0.039060	1.370929	-0.083125
0.603682	-0.932550	-20.461900	
0.75000	-0.039060	1.370929	-0.083125
0.603682	-0.830141	-22.150857	
1.00000	-0.039060	1.370929	-0.083125
0.603682	-0.727732	-23.839815	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.007196	-0.246428	0.014576
-0.108452		0.208472	3.070873	
0.25000		0.007196	-0.246428	0.014576
-0.108452		0.190515	3.374467	
0.50000		0.007196	-0.246428	0.014576
-0.108452		0.172558	3.678061	
0.75000		0.007196	-0.246428	0.014576
-0.108452		0.154601	3.981655	
1.00000		0.007196	-0.246428	0.014576
-0.108452		0.136643	4.285249	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.964859	28.187304	-0.641094
0.292665		-5.505201	-353.257456	
0.25000		-2.964859	28.187304	-0.641094
0.292665		-4.715386	-387.983665	
0.50000		-2.964859	28.187304	-0.641094
0.292665		-3.925571	-422.709875	
0.75000		-2.964859	28.187304	-0.641094
0.292665		-3.135757	-457.436085	
1.00000		-2.964859	28.187304	-0.641094
0.292665		-2.345942	-492.162294	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
269

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.964859	-28.187304	0.641094
-0.292665		5.505201	353.257456	
0.25000		2.964859	-28.187304	0.641094
-0.292665		4.715386	387.983665	
0.50000		2.964859	-28.187304	0.641094
-0.292665		3.925571	422.709875	
0.75000		2.964859	-28.187304	0.641094
-0.292665		3.135757	457.436085	
1.00000		2.964859	-28.187304	0.641094
-0.292665		2.345942	492.162294	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.964859	28.187304	0.641094
3.129997		5.505201	353.257456	
0.25000		2.964859	28.187304	0.641094
3.129997		4.715386	387.983665	
0.50000		2.964859	28.187304	0.641094
3.129997		3.925571	422.709875	
0.75000		2.964859	28.187304	0.641094
3.129997		3.135757	457.436085	
1.00000		2.964859	28.187304	0.641094
3.129997		2.345942	492.162294	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.964859	-28.187304	-0.641094
-3.441013		-5.505201	-353.257456	
0.25000		-2.964859	-28.187304	-0.641094
-3.441013		-4.715386	-387.983665	
0.50000		-2.964859	-28.187304	-0.641094
-3.441013		-3.925571	-422.709875	
0.75000		-2.964859	-28.187304	-0.641094
-3.441013		-3.135757	-457.436085	
1.00000		-2.964859	-28.187304	-0.641094
-3.441013		-2.345942	-492.162294	

ELEM 115 ========== LENGTH = 4.928235

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.484257	10.122800	-0.370524
-4.308357		-2.489945	-177.363378	
0.25000		-2.484257	10.122800	-0.370524
-4.308357		-2.033437	-189.835261	
0.50000		-2.484257	10.122800	-0.370524
-4.308357		-1.576929	-202.307144	
0.75000		-2.484257	10.122800	-0.370524
-4.308357		-1.120422	-214.779027	
1.00000		-2.484257	10.122800	-0.370524
-4.308357		-0.663914	-227.250911	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.353846	-23.071783	0.545884
2.854405		3.368637	402.334863	
0.25000		3.353846	-23.071783	0.545884
2.854405		2.696075	430.760653	
0.50000		3.353846	-23.071783	0.545884
2.854405		2.023514	459.186443	
0.75000		3.353846	-23.071783	0.545884
2.854405		1.350952	487.612234	
1.00000		3.353846	-23.071783	0.545884
2.854405		0.678391	516.038024	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.071229	16.752630	-0.196786
2.093545		-0.641592	-290.862247	
0.25000		-1.071229	16.752630	-0.196786
2.093545		-0.399141	-311.502471	
0.50000		-1.071229	16.752630	-0.196786
2.093545		-0.156689	-332.142694	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
270

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-1.071229	16.752630	-0.196786
2.093545		0.087262	-352.782918	
1.00000		-1.071229	16.752630	-0.196786
2.093545		0.328214	-373.423141	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.240197	-4.910198	0.056589
-0.880627		0.369701	85.446223	
0.25000		0.240197	-4.910198	0.056589
-0.880627		0.299979	91.495875	
0.50000		0.240197	-4.910198	0.056589
-0.880627		0.230258	97.545527	
0.75000		0.240197	-4.910198	0.056589
-0.880627		0.160537	103.595179	
1.00000		0.240197	-4.910198	0.056589
-0.880627		0.090816	109.644831	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.047287	1.349052	-0.042429
0.293837		-0.747054	-23.840896	
0.25000		-0.047287	1.349052	-0.042429
0.293837		-0.694779	-25.503007	
0.50000		-0.047287	1.349052	-0.042429
0.293837		-0.642504	-27.165118	
0.75000		-0.047287	1.349052	-0.042429
0.293837		-0.590229	-28.827230	
1.00000		-0.047287	1.349052	-0.042429
0.293837		-0.537954	-30.489341	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008730	-0.242501	0.007266
-0.052804		0.140253	4.285435	
0.25000		0.008730	-0.242501	0.007266
-0.052804		0.131302	4.584211	
0.50000		0.008730	-0.242501	0.007266
-0.052804		0.122350	4.882987	
0.75000		0.008730	-0.242501	0.007266
-0.052804		0.113399	5.181763	
1.00000		0.008730	-0.242501	0.007266
-0.052804		0.104447	5.480538	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.602774	28.224482	-0.609739
-1.920974		-3.878591	-492.066521	
0.25000		-3.602774	28.224482	-0.609739
-1.920974		-3.127357	-526.840739	
0.50000		-3.602774	28.224482	-0.609739
-1.920974		-2.376122	-561.614957	
0.75000		-3.602774	28.224482	-0.609739
-1.920974		-1.624888	-596.389175	
1.00000		-3.602774	28.224482	-0.609739
-1.920974		-0.873653	-631.163393	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.602774	-28.224482	0.609739
1.920974		3.878591	492.066521	
0.25000		3.602774	-28.224482	0.609739
1.920974		3.127357	526.840739	
0.50000		3.602774	-28.224482	0.609739
1.920974		2.376122	561.614957	
0.75000		3.602774	-28.224482	0.609739
1.920974		1.624888	596.389175	
1.00000		3.602774	-28.224482	0.609739
1.920974		0.873653	631.163393	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.602774	28.224482	0.609739
2.854405		3.878591	492.066521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
271

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.602774	28.224482	0.609739
2.854405		3.127357	526.840739	
0.50000		3.602774	28.224482	0.609739
2.854405		2.376122	561.614957	
0.75000		3.602774	28.224482	0.609739
2.854405		1.624888	596.389175	
1.00000		3.602774	28.224482	0.609739
2.854405		0.873653	631.163393	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.602774	-28.224482	-0.609739
-4.308357		-3.878591	-492.066521	
0.25000		-3.602774	-28.224482	-0.609739
-4.308357		-3.127357	-526.840739	
0.50000		-3.602774	-28.224482	-0.609739
-4.308357		-2.376122	-561.614957	
0.75000		-3.602774	-28.224482	-0.609739
-4.308357		-1.624888	-596.389175	
1.00000		-3.602774	-28.224482	-0.609739
-4.308357		-0.873653	-631.163393	

ELEM 116 ========== LENGTH = 4.928666

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.925519	10.202992	-0.283781
-5.153245		-1.725230	-227.164161	
0.25000		-2.925519	10.202992	-0.283781
-5.153245		-1.375564	-239.735945	
0.50000		-2.925519	10.202992	-0.283781
-5.153245		-1.025898	-252.307730	
0.75000		-2.925519	10.202992	-0.283781
-5.153245		-0.676232	-264.879514	
1.00000		-2.925519	10.202992	-0.283781
-5.153245		-0.326566	-277.451298	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.894867	-23.231203	0.472257
4.644763		1.978400	515.941793	
0.25000		3.894867	-23.231203	0.472257
4.644763		1.396501	544.566503	
0.50000		3.894867	-23.231203	0.472257
4.644763		0.814602	573.191212	
0.75000		3.894867	-23.231203	0.472257
4.644763		0.232703	601.815921	
1.00000		3.894867	-23.231203	0.472257
4.644763		-0.349197	630.440631	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.187069	16.851330	-0.279949
0.920975		0.051407	-373.413957	
0.25000		-1.187069	16.851330	-0.279949
0.920975		0.396350	-394.177601	
0.50000		-1.187069	16.851330	-0.279949
0.920975		0.741293	-414.941245	
0.75000		-1.187069	16.851330	-0.279949
0.920975		1.086236	-435.704889	
1.00000		-1.187069	16.851330	-0.279949
0.920975		1.431179	-456.468533	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.260432	-4.918050	0.064198
-0.405613		0.138994	109.645103	
0.25000		0.260432	-4.918050	0.064198
-0.405613		0.059891	115.704959	
0.50000		0.260432	-4.918050	0.064198
-0.405613		-0.019212	121.764815	
0.75000		0.260432	-4.918050	0.064198
-0.405613		-0.098315	127.824671	
1.00000		0.260432	-4.918050	0.064198
-0.405613		-0.177418	133.884527	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
272

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.052432	1.334893	0.033694
-0.008339		-0.550422	-30.489300	
0.25000		-0.052432	1.334893	0.033694
-0.008339		-0.591938	-32.134110	
0.50000		-0.052432	1.334893	0.033694
-0.008339		-0.633454	-33.778920	
0.75000		-0.052432	1.334893	0.033694
-0.008339		-0.674970	-35.423729	
1.00000		-0.052432	1.334893	0.033694
-0.008339		-0.716486	-37.068539	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.009722	-0.239962	-0.006419
0.001458		0.106851	5.480621	
0.25000		0.009722	-0.239962	-0.006419
0.001458		0.114760	5.776194	
0.50000		0.009722	-0.239962	-0.006419
0.001458		0.122670	6.071867	
0.75000		0.009722	-0.239962	-0.006419
0.001458		0.130579	6.367540	
1.00000		0.009722	-0.239962	-0.006419
0.001458		0.138488	6.663212	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.165020	28.389214	-0.530036
-4.240609		-2.224246	-631.067418	
0.25000		-4.165020	28.389214	-0.530036
-4.240609		-1.571153	-666.047656	
0.50000		-4.165020	28.389214	-0.530036
-4.240609		-0.918059	-701.027894	
0.75000		-4.165020	28.389214	-0.530036
-4.240609		0.264966	-736.008132	
1.00000		-4.165020	28.389214	-0.530036
-4.240609		0.388127	-770.988370	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.165020	-28.389214	0.530036
4.240609		2.224246	631.067418	
0.25000		4.165020	-28.389214	0.530036
4.240609		1.571153	666.047656	
0.50000		4.165020	-28.389214	0.530036
4.240609		0.918059	701.027894	
0.75000		4.165020	-28.389214	0.530036
4.240609		0.264966	736.008132	
1.00000		4.165020	-28.389214	0.530036
4.240609		-0.388127	770.988370	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.165020	28.389214	0.530036
4.644763		2.224246	631.067418	
0.25000		4.165020	28.389214	0.530036
4.644763		1.571153	666.047656	
0.50000		4.165020	28.389214	0.530036
4.644763		0.918059	701.027894	
0.75000		4.165020	28.389214	0.530036
4.644763		1.086236	736.008132	
1.00000		4.165020	28.389214	0.530036
4.644763		1.431179	770.988370	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.165020	-28.389214	-0.530036
-5.153245		-2.224246	-631.067418	
0.25000		-4.165020	-28.389214	-0.530036
-5.153245		-1.571153	-666.047656	
0.50000		-4.165020	-28.389214	-0.530036
-5.153245		-1.025898	-701.027894	
0.75000		-4.165020	-28.389214	-0.530036
-5.153245		-0.676232	-736.008132	
1.00000		-4.165020	-28.389214	-0.530036
-5.153245		-0.716486	-770.988370	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
273

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 117 ========== LENGTH = 4.928122

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.333654	10.351263	-0.232505
-6.021874		-1.308397	-277.364039	
0.25000		-3.333654	10.351263	-0.232505
-6.021874		-1.021943	-290.117110	
0.50000		-3.333654	10.351263	-0.232505
-6.021874		-0.735490	-302.870181	
0.75000		-3.333654	10.351263	-0.232505
-6.021874		-0.449037	-315.623252	
1.00000		-3.333654	10.351263	-0.232505
-6.021874		-0.162584	-328.376323	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.356927	-23.557218	0.415113
6.411230		0.760525	630.413938	
0.25000		4.356927	-23.557218	0.415113
6.411230		0.249193	659.369148	
0.50000		4.356927	-23.557218	0.415113
6.411230		-0.262239	688.392358	
0.75000		4.356927	-23.557218	0.415113
6.411230		-0.773671	717.415568	
1.00000		4.356927	-23.557218	0.415113
6.411230		-1.285103	746.438778	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.243061	17.070734	-0.309012
-0.194449		1.299455	-456.462395	
0.25000		-1.243061	17.070734	-0.309012
-0.194449		1.680167	-477.494059	
0.50000		-1.243061	17.070734	-0.309012
-0.194449		2.060878	-498.525723	
0.75000		-1.243061	17.070734	-0.309012
-0.194449		2.441590	-519.557387	
1.00000		-1.243061	17.070734	-0.309012
-0.194449		2.822302	-540.589052	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.263281	-4.944646	0.065781
0.128961		-0.171254	133.884850	
0.25000		0.263281	-4.944646	0.065781
0.128961		-0.252298	139.976804	
0.50000		0.263281	-4.944646	0.065781
0.128961		-0.333341	146.068758	
0.75000		0.263281	-4.944646	0.065781
0.128961		-0.414385	152.160712	
1.00000		0.263281	-4.944646	0.065781
0.128961		-0.495429	158.252666	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.053484	1.316537	0.074373
-0.394695		-0.719689	-37.067338	
0.25000		-0.053484	1.316537	0.074373
-0.394695		-0.811320	-38.689352	
0.50000		-0.053484	1.316537	0.074373
-0.394695		-0.902950	-40.311366	
0.75000		-0.053484	1.316537	0.074373
-0.394695		-0.994580	-41.933380	
1.00000		-0.053484	1.316537	0.074373
-0.394695		-1.086211	-43.555394	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.009991	-0.236670	-0.013750
0.070828		0.139261	6.662985	
0.25000		0.009991	-0.236670	-0.013750
0.070828		0.156202	6.954570	
0.50000		0.009991	-0.236670	-0.013750
0.070828		0.173142	7.246155	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
274

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.009991	-0.236670	-0.013750
0.070828		0.190083	7.537739	
1.00000		0.009991	-0.236670	-0.013750
0.070828		0.207024	7.829324	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.630199	28.738534	-0.467143
-6.611019		-0.728631	-770.893773	
0.25000		-4.630199	28.738534	-0.467143
-6.611019		-0.153097	-806.300522	
0.50000		-4.630199	28.738534	-0.467143
-6.611019		0.422438	-841.707270	
0.75000		-4.630199	28.738534	-0.467143
-6.611019		0.997973	-877.114019	
1.00000		-4.630199	28.738534	-0.467143
-6.611019		1.573508	-912.520768	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.630199	-28.738534	0.467143
6.611019		0.728631	770.893773	
0.25000		4.630199	-28.738534	0.467143
6.611019		0.153097	806.300522	
0.50000		4.630199	-28.738534	0.467143
6.611019		-0.422438	841.707270	
0.75000		4.630199	-28.738534	0.467143
6.611019		-0.997973	877.114019	
1.00000		4.630199	-28.738534	0.467143
6.611019		-1.573508	912.520768	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.630199	28.738534	0.467143
6.611019		1.299455	770.893773	
0.25000		4.630199	28.738534	0.467143
6.611019		1.680167	806.300522	
0.50000		4.630199	28.738534	0.467143
6.611019		2.060878	841.707270	
0.75000		4.630199	28.738534	0.467143
6.611019		2.441590	877.114019	
1.00000		4.630199	28.738534	0.467143
6.611019		2.822302	912.520768	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.630199	-28.738534	-0.467143
-6.611019		-1.308397	-770.893773	
0.25000		-4.630199	-28.738534	-0.467143
-6.611019		-1.021943	-806.300522	
0.50000		-4.630199	-28.738534	-0.467143
-6.611019		-0.902950	-841.707270	
0.75000		-4.630199	-28.738534	-0.467143
-6.611019		-0.997973	-877.114019	
1.00000		-4.630199	-28.738534	-0.467143
-6.611019		-1.573508	-912.520768	

ELEM 118 ========== LENGTH = 4.927799

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.701393	10.622171	-0.259534
-6.685899		-1.046890	-328.292489	
0.25000		-3.701393	10.622171	-0.259534
-6.685899		-0.727157	-341.378470	
0.50000		-3.701393	10.622171	-0.259534
-6.685899		-0.407424	-354.464452	
0.75000		-3.701393	10.622171	-0.259534
-6.685899		-0.087691	-367.550433	
1.00000		-3.701393	10.622171	-0.259534
-6.685899		0.232042	-380.636415	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
275

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.722060	-24.177085	0.358363
7.522055		-0.408586	746.352704	
0.25000		4.722060	-24.177085	0.358363
7.522055		-0.850071	776.137659	
0.50000		4.722060	-24.177085	0.358363
7.522055		-1.291555	805.922613	
0.75000		4.722060	-24.177085	0.358363
7.522055		-1.733040	835.707568	
1.00000		4.722060	-24.177085	0.358363
7.522055		-2.174525	865.492522	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.224601	17.497281	-0.147513
-0.708236		2.869183	-540.590038	
0.25000		-1.224601	17.497281	-0.147513
-0.708236		3.050911	-562.145810	
0.50000		-1.224601	17.497281	-0.147513
-0.708236		3.232639	-583.701581	
0.75000		-1.224601	17.497281	-0.147513
-0.708236		3.414367	-605.257353	
1.00000		-1.224601	17.497281	-0.147513
-0.708236		3.596095	-626.813124	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.244674	-5.001521	0.037649
0.622201		-0.540825	156.253598	
0.25000		0.244674	-5.001521	0.037649
0.622201		-0.587207	164.415221	
0.50000		0.244674	-5.001521	0.037649
0.622201		-0.633589	170.576844	
0.75000		0.244674	-5.001521	0.037649
0.622201		-0.679971	176.738467	
1.00000		0.244674	-5.001521	0.037649
0.622201		-0.726353	182.900090	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.050247	1.291301	0.013950
-0.914214		-1.078815	-43.552581	
0.25000		-0.050247	1.291301	0.013950
-0.914214		-1.096001	-45.143399	
0.50000		-0.050247	1.291301	0.013950
-0.914214		-1.113186	-46.734217	
0.75000		-0.050247	1.291301	0.013950
-0.914214		-1.130371	-48.325035	
1.00000		-0.050247	1.291301	0.013950
-0.914214		-1.147556	-49.915853	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.009507	-0.232147	-0.002915
0.164093		0.205934	7.828805	
0.25000		0.009507	-0.232147	-0.002915
0.164093		0.209525	8.114799	
0.50000		0.009507	-0.232147	-0.002915
0.164093		0.213116	8.400792	
0.75000		0.009507	-0.232147	-0.002915
0.164093		0.216707	8.686786	
1.00000		0.009507	-0.232147	-0.002915
0.164093		0.220297	8.972780	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.976241	29.410753	-0.393097
-8.308349		0.743477	-912.435108	
0.25000		-4.976241	29.410753	-0.393097
-8.308349		1.227753	-948.667679	
0.50000		-4.976241	29.410753	-0.393097
-8.308349		1.712029	-984.900250	
0.75000		-4.976241	29.410753	-0.393097
-8.308349		2.196305	-1021.133	
1.00000		-4.976241	29.410753	-0.393097
-8.308349		2.680581	-1057.365	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 276
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.976241	-29.410753	0.393097
8.308349		-0.743477	912.435108	
0.25000		4.976241	-29.410753	0.393097
8.308349		-1.227753	948.667679	
0.50000		4.976241	-29.410753	0.393097
8.308349		-1.712029	984.900250	
0.75000		4.976241	-29.410753	0.393097
8.308349		-2.196305	1021.133	
1.00000		4.976241	-29.410753	0.393097
8.308349		-2.680581	1057.365	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.976241	29.410753	0.393097
8.308349		2.869183	912.435108	
0.25000		4.976241	29.410753	0.393097
8.308349		3.050911	948.667679	
0.50000		4.976241	29.410753	0.393097
8.308349		3.232639	984.900250	
0.75000		4.976241	29.410753	0.393097
8.308349		3.414367	1021.133	
1.00000		4.976241	29.410753	0.393097
8.308349		3.596095	1057.365	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.976241	-29.410753	-0.393097
-8.308349		-1.078815	-912.435108	
0.25000		-4.976241	-29.410753	-0.393097
-8.308349		-1.227753	-948.667679	
0.50000		-4.976241	-29.410753	-0.393097
-8.308349		-1.712029	-984.900250	
0.75000		-4.976241	-29.410753	-0.393097
-8.308349		-2.196305	-1021.133	
1.00000		-4.976241	-29.410753	-0.393097
-8.308349		-2.680581	-1057.365	

ELEM 119 ========== LENGTH = 4.928501

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.023383	11.077909	-0.367168
-7.103713		-0.540836	-380.554581	
0.25000		-4.023383	11.077909	-0.367168
-7.103713		-0.088439	-394.203954	
0.50000		-4.023383	11.077909	-0.367168
-7.103713		0.363959	-407.853326	
0.75000		-4.023383	11.077909	-0.367168
-7.103713		0.816356	-421.502698	
1.00000		-4.023383	11.077909	-0.367168
-7.103713		1.268753	-435.152070	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.976642	-25.172364	0.268874
7.946335		-1.564155	865.415604	
0.25000		4.976662	-25.172364	0.268874
7.946335		-1.895441	896.431111	
0.50000		4.976662	-25.172364	0.268874
7.946335		-2.226728	927.446618	
0.75000		4.976662	-25.172364	0.268874
7.946335		-2.558015	958.462125	
1.00000		4.976662	-25.172364	0.268874
7.946335		-2.889302	989.477632	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.120362	18.114200	0.270395
-0.706461		3.846703	-626.823833	
0.25000		-1.120362	18.114200	0.270395
-0.706461		3.513542	-649.142798	
0.50000		-1.120362	18.114200	0.270395
-0.706461		3.180381	-671.461762	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 277
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-1.120362	18.114200	0.270395
-0.706461		2.847220	-693.780726	
1.00000		-1.120362	18.114200	0.270395
-0.706461		2.514059	-716.099690	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.201466	-5.070597	-0.035201
1.155209		-0.830506	182.901700	
0.25000		0.201466	-5.070597	-0.035201
1.155209		-0.787133	189.149310	
0.50000		0.201466	-5.070597	-0.035201
1.155209		-0.743761	195.396920	
0.75000		0.201466	-5.070597	-0.035201
1.155209		-0.700388	201.644531	
1.00000		0.201466	-5.070597	-0.035201
1.155209		-0.657016	207.892141	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.042645	1.281207	-0.166444
-1.573868		-1.128340	-49.910732	
0.25000		-0.042645	1.281207	-0.166444
-1.573868		-0.923261	-51.489340	
0.50000		-0.042645	1.281207	-0.166444
-1.573868		-0.718181	-53.067948	
0.75000		-0.042645	1.281207	-0.166444
-1.573868		-0.513101	-54.646556	
1.00000		-0.042645	1.281207	-0.166444
-1.573868		-0.308022	-56.225164	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008260	-0.230355	0.029544
0.282498		0.217134	8.971843	
0.25000		0.008260	-0.230355	0.029544
0.282498		0.180733	9.255670	
0.50000		0.008260	-0.230355	0.029544
0.282498		0.144331	9.539497	
0.75000		0.008260	-0.230355	0.029544
0.282498		0.107930	9.823324	
1.00000		0.008260	-0.230355	0.029544
0.282498		0.071528	10.107151	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.186389	30.473316	-0.263217
-9.384041		2.177526	-1057.289	
0.25000		-5.186389	30.473316	-0.263217
-9.384041		2.501842	-1094.836	
0.50000		-5.186389	30.473316	-0.263217
-9.384041		2.826158	-1132.383	
0.75000		-5.186389	30.473316	-0.263217
-9.384041		3.150474	-1169.930	
1.00000		-5.186389	30.473316	-0.263217
-9.384041		3.474790	-1207.477	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.186389	-30.473316	0.263217
9.384041		-2.177526	1057.289	
0.25000		5.186389	-30.473316	0.263217
9.384041		-2.501842	1094.836	
0.50000		5.186389	-30.473316	0.263217
9.384041		-2.826158	1132.383	
0.75000		5.186389	-30.473316	0.263217
9.384041		-3.150474	1169.930	
1.00000		5.186389	-30.473316	0.263217
9.384041		-3.474790	1207.477	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.186389	30.473316	0.270395
9.384041		3.846703	1057.289	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 278
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.186389	30.473316	0.270395
9.384041		3.513542	1094.836	
0.50000		5.186389	30.473316	0.270395
9.384041		3.180381	1132.383	
0.75000		5.186389	30.473316	0.270395
9.384041		3.150474	1169.930	
1.00000		5.186389	30.473316	0.270395
9.384041		3.474790	1207.477	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.186389	-30.473316	-0.367168
-9.384041		-2.177526	-1057.289	
0.25000		-5.186389	-30.473316	-0.367168
-9.384041		-2.501842	-1094.836	
0.50000		-5.186389	-30.473316	-0.367168
-9.384041		-2.826158	-1132.383	
0.75000		-5.186389	-30.473316	-0.367168
-9.384041		-3.150474	-1169.930	
1.00000		-5.186389	-30.473316	-0.367168
-9.384041		-3.474790	-1207.477	

ELEM 120 ========== LENGTH = 4.928335

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.291631	11.878447	-0.450369
-6.809972		0.625759	-435.078495	
0.25000		-4.291631	11.878447	-0.450369
-6.809972		1.180651	-449.713738	
0.50000		-4.291631	11.878447	-0.450369
-6.809972		1.735543	-464.348981	
0.75000		-4.291631	11.878447	-0.450369
-6.809972		2.290435	-478.984225	
1.00000		-4.291631	11.878447	-0.450369
-6.809972		2.845327	-493.619468	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.107902	-26.729380	0.152257
7.064749		-2.575111	989.421400	
0.25000		5.107902	-26.729380	0.152257
7.064749		-2.762705	1022.354	
0.50000		5.107902	-26.729380	0.152257
7.064749		-2.950298	1055.287	
0.75000		5.107902	-26.729380	0.152257
7.064749		-3.137892	1088.220	
1.00000		5.107902	-26.729380	0.152257
7.064749		-3.325485	1121.153	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.924790	18.844034	0.677758
-0.278541		2.981162	-716.125686	
0.25000		-0.924790	18.844034	0.677758
-0.278541		2.146107	-739.343116	
0.50000		-0.924790	18.844034	0.677758
-0.278541		1.311052	-762.560546	
0.75000		-0.924790	18.844034	0.677758
-0.278541		0.475997	-785.777976	
1.00000		-0.924790	18.844034	0.677758
-0.278541		-0.359058	-808.995405	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.132019	-5.127674	-0.108390
1.766454		-0.823916	207.894754	
0.25000		0.132019	-5.127674	-0.108390
1.766454		-0.690371	214.212478	
0.50000		0.132019	-5.127674	-0.108390
1.766454		-0.556825	220.530203	
0.75000		0.132019	-5.127674	-0.108390
1.766454		-0.423280	226.847927	
1.00000		0.132019	-5.127674	-0.108390
1.766454		-0.289734	233.165651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 279
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.029551	1.383316	-0.330529
-2.123836		-0.273578	-56.217778	
0.25000		-0.029551	1.383316	-0.330529
-2.123836		0.133661	-57.922139	
0.50000		-0.029551	1.383316	-0.330529
-2.123836		0.540900	-59.626499	
0.75000		-0.029551	1.383316	-0.330529
-2.123836		0.948139	-61.330860	
1.00000		-0.029551	1.383316	-0.330529
-2.123836		1.355378	-63.035221	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.006051	-0.248742	0.059272
0.381147		0.065685	10.115805	
0.25000		0.006051	-0.248742	0.059272
0.381147		-0.007343	10.412276	
0.50000		0.006051	-0.248742	0.059272
0.381147		-0.080371	10.718748	
0.75000		0.006051	-0.248742	0.059272
0.381147		-0.153399	11.025219	
1.00000		0.006051	-0.248742	0.059272
0.381147		-0.226427	11.331691	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.245971	32.105797	-0.103139
-9.212350		3.333343	-1207.422	
0.25000		-5.245971	32.105797	-0.103139
-9.212350		3.460419	-1246.979	
0.50000		-5.245971	32.105797	-0.103139
-9.212350		3.587495	-1286.536	
0.75000		-5.245971	32.105797	-0.103139
-9.212350		3.714571	-1326.093	
1.00000		-5.245971	32.105797	-0.103139
-9.212350		3.841647	-1365.650	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.245971	-32.105797	0.103139
9.212350		-3.333343	1207.422	
0.25000		5.245971	-32.105797	0.103139
9.212350		-3.460419	1246.979	
0.50000		5.245971	-32.105797	0.103139
9.212350		-3.587495	1286.536	
0.75000		5.245971	-32.105797	0.103139
9.212350		-3.714571	1326.093	
1.00000		5.245971	-32.105797	0.103139
9.212350		-3.841647	1365.650	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.245971	32.105797	0.677758
9.212350		3.333343	1207.422	
0.25000		5.245971	32.105797	0.677758
9.212350		3.460419	1246.979	
0.50000		5.245971	32.105797	0.677758
9.212350		3.587495	1286.536	
0.75000		5.245971	32.105797	0.677758
9.212350		3.714571	1326.093	
1.00000		5.245971	32.105797	0.677758
9.212350		3.841647	1365.650	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.245971	-32.105797	-0.450369
-9.212350		-3.333343	-1207.422	
0.25000		-5.245971	-32.105797	-0.450369
-9.212350		-3.460419	-1246.979	
0.50000		-5.245971	-32.105797	-0.450369
-9.212350		-3.587495	-1286.536	
0.75000		-5.245971	-32.105797	-0.450369
-9.212350		-3.714571	-1326.093	
1.00000		-5.245971	-32.105797	-0.450369
-9.212350		-3.841647	-1365.650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 280
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 121 ========== LENGTH = 3.449978

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.517581	13.156418	-0.264728
-4.974781		2.311399	-493.562038	
0.25000		-4.517581	13.156418	-0.264728
-4.974781		2.539725	-504.909375	
0.50000		-4.517581	13.156418	-0.264728
-4.974781		2.768051	-516.256712	
0.75000		-4.517581	13.156418	-0.264728
-4.974781		2.996377	-527.604049	
1.00000		-4.517581	13.156418	-0.264728
-4.974781		3.224703	-538.951386	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.111047	-28.682413	0.059242
4.312730		-3.313099	1121.127	
0.25000		5.111047	-28.682413	0.059242
4.312730		-3.371005	1145.865	
0.50000		5.111047	-28.682413	0.059242
4.312730		-3.422102	1170.603	
0.75000		5.111047	-28.682413	0.059242
4.312730		-3.473198	1195.342	
1.00000		5.111047	-28.682413	0.059242
4.312730		-3.524294	1220.080	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.618274	19.071471	0.421144
-0.404287		0.366098	-809.036378	
0.25000		-0.618274	19.071471	0.421144
-0.404287		0.002864	-825.485416	
0.50000		-0.618274	19.071471	0.421144
-0.404287		-0.360370	-841.934453	
0.75000		-0.618274	19.071471	0.421144
-0.404287		-0.723604	-858.383490	
1.00000		-0.618274	19.071471	0.421144
-0.404287		-1.086838	-874.832528	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.029003	-5.057518	-0.059971
2.549215		-0.534173	233.171368	
0.25000		0.029003	-5.057518	-0.059971
2.549215		-0.482449	237.533449	
0.50000		0.029003	-5.057518	-0.059971
2.549215		-0.430724	241.895530	
0.75000		0.029003	-5.057518	-0.059971
2.549215		-0.379000	246.257611	
1.00000		0.029003	-5.057518	-0.059971
2.549215		-0.327276	250.619692	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.006238	1.843479	-0.190311
-1.807004		1.412923	-63.030404	
0.25000		-0.006238	1.843479	-0.190311
-1.807004		1.677065	-64.620394	
0.50000		-0.006238	1.843479	-0.190311
-1.807004		1.741208	-66.210384	
0.75000		-0.006238	1.843479	-0.190311
-1.807004		1.905350	-67.800374	
1.00000		-0.006238	1.843479	-0.190311
-1.807004		2.069493	-69.390365	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002044	-0.331437	0.034623
0.324127		-0.236338	11.330802	
0.25000		0.002044	-0.331437	0.034623
0.324127		-0.266200	11.616864	
0.50000		0.002044	-0.331437	0.034623
0.324127		-0.296063	11.902527	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 281
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.002044	-0.331437	0.034623
0.324127		-0.325925	12.188389	
1.00000		0.002044	-0.331437	0.034623
0.324127		-0.355788	12.474251	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.142094	34.071368	-0.033895
-7.186072		4.090420	-1365.629	
0.25000		-5.142094	34.071368	-0.033895
-7.186072		4.119654	-1395.015	
0.50000		-5.142094	34.071368	-0.033895
-7.186072		4.148889	-1424.402	
0.75000		-5.142094	34.071368	-0.033895
-7.186072		4.178123	-1453.788	
1.00000		-5.142094	34.071368	-0.033895
-7.186072		4.207358	-1483.174	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.142094	-34.071368	0.033895
7.186072		-4.090420	1365.629	
0.25000		5.142094	-34.071368	0.033895
7.186072		-4.119654	1395.015	
0.50000		5.142094	-34.071368	0.033895
7.186072		-4.148889	1424.402	
0.75000		5.142094	-34.071368	0.033895
7.186072		-4.178123	1453.788	
1.00000		5.142094	-34.071368	0.033895
7.186072		-4.207358	1483.174	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.142094	34.071368	0.421144
7.186072		4.090420	1365.629	
0.25000		5.142094	34.071368	0.421144
7.186072		4.119654	1395.015	
0.50000		5.142094	34.071368	0.421144
7.186072		4.148889	1424.402	
0.75000		5.142094	34.071368	0.421144
7.186072		4.178123	1453.788	
1.00000		5.142094	34.071368	0.421144
7.186072		4.207358	1483.174	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.142094	-34.071368	-0.264728
-7.186072		-4.090420	-1365.629	
0.25000		-5.142094	-34.071368	-0.264728
-7.186072		-4.119654	-1395.015	
0.50000		-5.142094	-34.071368	-0.264728
-7.186072		-4.148889	-1424.402	
0.75000		-5.142094	-34.071368	-0.264728
-7.186072		-4.178123	-1453.788	
1.00000		-5.142094	-34.071368	-0.264728
-7.186072		-4.207358	-1483.174	

ELEM 122 ========== LENGTH = 3.449042

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.712689	-16.026185	0.067566
1.596114		2.767487	-538.913022	
0.25000		-4.712689	-16.026185	0.067566
1.596114		2.709228	-525.094276	
0.50000		-4.712689	-16.026185	0.067566
1.596114		2.650969	-511.275530	
0.75000		-4.712689	-16.026185	0.067566
1.596114		2.592709	-497.456784	
1.00000		-4.712689	-16.026185	0.067566
1.596114		2.534450	-483.638037	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 282
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.013968	44.745563	-0.012466
0.789475		-3.752203	1220.086	
0.25000		5.013968	44.745563	-0.012466
0.789475		-3.741454	1181.503	
0.50000		5.013968	44.745563	-0.012466
0.789475		-3.730705	1142.921	
0.75000		5.013968	44.745563	-0.012466
0.789475		-3.719956	1104.339	
1.00000		5.013968	44.745563	-0.012466
0.789475		-3.709207	1065.756	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.222847	-45.858620	-0.252243
-2.706404		-0.159364	-874.882713	
0.25000		-0.222847	-45.858620	-0.252243
-2.706404		0.056135	-835.340638	
0.50000		-0.222847	-45.858620	-0.252243
-2.706404		0.275634	-795.798563	
0.75000		-0.222847	-45.858620	-0.252243
-2.706404		0.493133	-756.256488	
1.00000		-0.222847	-45.858620	-0.252243
-2.706404		0.710632	-716.714413	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.101217	22.580290	0.053494
3.597237		-0.632800	250.627304	
0.25000		-0.101217	22.580290	0.053494
3.597237		-0.678925	231.157212	
0.50000		-0.101217	22.580290	0.053494
3.597237		-0.725051	211.687120	
0.75000		-0.101217	22.580290	0.053494
3.597237		-0.771176	192.217029	
1.00000		-0.101217	22.580290	0.053494
3.597237		-0.817302	172.746937	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.026387	-6.633483	0.173731
-0.102365		2.145901	-69.391778	
0.25000		0.026387	-6.633483	0.173731
-0.102365		1.996099	-63.671988	
0.50000		0.026387	-6.633483	0.173731
-0.102365		1.846298	-57.952198	
0.75000		0.026387	-6.633483	0.173731
-0.102365		1.696497	-52.232408	
1.00000		0.026387	-6.633483	0.173731
-0.102365		1.546696	-46.512618	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003602	1.192435	-0.030081
0.018172	-0.369020	12.474477	
0.25000	-0.003602	1.192435	-0.030081
0.018172	-0.343082	11.446288	
0.50000	-0.003602	1.192435	-0.030081
0.018172	-0.317145	10.418098	
0.75000	-0.003602	1.192435	-0.030081
0.018172	-0.291207	9.389909	
1.00000	-0.003602	1.192435	-0.030081
0.018172	-0.265270	8.361720	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.909148	-68.518288	-0.010947
-4.404884	4.754023	-1483.188	
0.25000	-4.909148	-68.518288	-0.010947
-4.404884	4.763462	-1424.107	
0.50000	-4.909148	-68.518288	-0.010947
-4.404884	4.772901	-1365.026	
0.75000	-4.909148	-68.518288	-0.010947
-4.404884	4.782340	-1305.946	
1.00000	-4.909148	-68.518288	-0.010947
-4.404884	4.791779	-1246.865	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 283
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.909148	68.518288	0.010947
4.404884	-4.754023	1483.188	
0.25000	4.909148	68.518288	0.010947
4.404884	-4.763462	1424.107	
0.50000	4.909148	68.518288	0.010947
4.404884	-4.772901	1365.026	
0.75000	4.909148	68.518288	0.010947
4.404884	-4.782340	1305.946	
1.00000	4.909148	68.518288	0.010947
4.404884	-4.791779	1246.865	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.013968	68.518288	0.173731
4.404884	4.754023	1483.188	
0.25000	5.013968	68.518288	0.173731
4.404884	4.763462	1424.107	
0.50000	5.013968	68.518288	0.173731
4.404884	4.772901	1365.026	
0.75000	5.013968	68.518288	0.173731
4.404884	4.782340	1305.946	
1.00000	5.013968	68.518288	0.173731
4.404884	4.791779	1246.865	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.909148	-68.518288	-0.252243
-4.404884	-4.754023	-1483.188	
0.25000	-4.909148	-68.518288	-0.252243
-4.404884	-4.763462	-1424.107	
0.50000	-4.909148	-68.518288	-0.252243
-4.404884	-4.772901	-1365.026	
0.75000	-4.909148	-68.518288	-0.252243
-4.404884	-4.782340	-1305.946	
1.00000	-4.909148	-68.518288	-0.252243
-4.404884	-4.791779	-1246.865	

ELEM 123 ========== LENGTH = 4.928729

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.854022	-14.670713	0.222179
0.356534	2.196539	-483.616456	
0.25000	-4.854022	-14.670713	0.222179
0.356534	1.922774	-465.539463	
0.50000	-4.854022	-14.670713	0.222179
0.356534	1.649009	-447.462470	
0.75000	-4.854022	-14.670713	0.222179
0.356534	1.375244	-429.385477	
1.00000	-4.854022	-14.670713	0.222179
0.356534	1.101479	-411.308484	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.830334	42.710365	-0.138010
-2.068037	-4.144176	1065.788	
0.25000	4.830334	42.710365	-0.138010
-2.068037	-3.974122	1013.161	
0.50000	4.830334	42.710365	-0.138010
-2.068037	-3.804068	960.533987	
0.75000	4.830334	42.710365	-0.138010
-2.068037	-3.634015	907.907031	
1.00000	4.830334	42.710365	-0.138010
-2.068037	-3.463961	855.280074	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210684	-45.551481	-0.419475
-2.490925	1.744132	-716.765911	
0.25000	0.210684	-45.551481	-0.419475
-2.490925	2.261001	-660.638182	
0.50000	0.210684	-45.551481	-0.419475
-2.490925	2.777871	-604.510453	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 284
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.210684	-45.551481	-0.419475
-2.490925	3.291741	-548.382724	
1.00000	0.210684	-45.551481	-0.419475
-2.490925	3.811611	-492.254996	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.240680	22.566254	0.066396
3.947367	-1.149383	172.750200	
0.25000	-0.240680	22.566254	0.066396
3.947367	-1.231194	144.944461	
0.50000	-0.240680	22.566254	0.066396
3.947367	-1.313006	117.138721	
0.75000	-0.240680	22.566254	0.066396
3.947367	-1.394817	89.332982	
1.00000	-0.240680	22.566254	0.066396
3.947367	-1.476629	61.527242	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063778	-6.162167	0.325730
0.311265	1.633180	-46.518477	
0.25000	0.063778	-6.162167	0.325730
0.311265	1.231821	-38.925563	
0.50000	0.063778	-6.162167	0.325730
0.311265	0.830463	-31.332650	
0.75000	0.063778	-6.162167	0.325730
0.311265	0.429105	-23.739736	
1.00000	0.063778	-6.162167	0.325730
0.311265	0.027746	-16.146823	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010095	1.107741	-0.056819
-0.056204	-0.280292	8.362743	
0.25000	-0.010095	1.107741	-0.056819
-0.056204	-0.210281	6.997803	
0.50000	-0.010095	1.107741	-0.056819
-0.056204	-0.140269	5.632864	
0.75000	-0.010095	1.107741	-0.056819
-0.056204	-0.070257	4.267925	
1.00000	-0.010095	1.107741	-0.056819
-0.056204	-0.000246	2.902985	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.579559	-66.384361	0.128434
-1.823126	5.573851	-1246.901	
0.25000	-4.579559	-66.384361	0.128434
-1.823126	5.415597	-1165.103	
0.50000	-4.579559	-66.384361	0.128434
-1.823126	5.257343	-1083.306	
0.75000	-4.579559	-66.384361	0.128434
-1.823126	5.099089	-1001.508	
1.00000	-4.579559	-66.384361	0.128434
-1.823126	4.940836	-919.710302	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.579559	66.384361	-0.128434
1.823126	-5.573851	1246.901	
0.25000	4.579559	66.384361	-0.128434
1.823126	-5.415597	1165.103	
0.50000	4.579559	66.384361	-0.128434
1.823126	-5.257343	1083.306	
0.75000	4.579559	66.384361	-0.128434
1.823126	-5.099089	1001.508	
1.00000	4.579559	66.384361	-0.128434
1.823126	-4.940836	919.710302	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.830334	66.384361	0.325730
3.947367	5.573851	1246.901	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 285
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	4.830334	66.384361	0.325730
3.947367	5.415597	1165.103	
0.50000	4.830334	66.384361	0.325730
3.947367	5.257343	1083.306	
0.75000	4.830334	66.384361	0.325730
3.947367	5.099089	1001.508	
1.00000	4.830334	66.384361	0.325730
3.947367	4.940836	919.710302	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.854022	-66.384361	-0.419475
-2.490925	-5.573851	-1246.901	
0.25000	-4.854022	-66.384361	-0.419475
-2.490925	-5.415597	-1165.103	
0.50000	-4.854022	-66.384361	-0.419475
-2.490925	-5.257343	-1083.306	
0.75000	-4.854022	-66.384361	-0.419475
-2.490925	-5.099089	-1001.508	
1.00000	-4.854022	-66.384361	-0.419475
-2.490925	-4.940836	-919.710302	

ELEM 124 ========== LENGTH = 4.928061

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.931390	-13.841853	0.140791
0.965776	0.912358	-411.301047	
0.25000	-4.931390	-13.841853	0.140791
0.965776	0.738901	-394.247671	
0.50000	-4.931390	-13.841853	0.140791
0.965776	0.565445	-377.194295	
0.75000	-4.931390	-13.841853	0.140791
0.965776	0.391988	-360.140920	
1.00000	-4.931390	-13.841853	0.140791
0.965776	0.218531	-343.087544	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.540950	41.137251	-0.271008
-3.838568	-4.160248	855.337651	
0.25000	4.540950	41.137251	-0.271008
-3.838568	-3.826361	804.655926	
0.50000	4.540950	41.137251	-0.271008
-3.838568	-3.492475	753.974201	
0.75000	4.540950	41.137251	-0.271008
-3.838568	-3.158589	703.292476	
1.00000	4.540950	41.137251	-0.271008
-3.838568	-2.824702	652.610751	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.689678	-44.807496	0.010581
-0.862476	4.970650	-492.317220	
0.25000	0.689678	-44.807496	0.010581
-0.862476	4.957614	-437.113697	
0.50000	0.689678	-44.807496	0.010581
-0.862476	4.944578	-381.910175	
0.75000	0.689678	-44.807496	0.010581
-0.862476	4.931542	-326.706653	
1.00000	0.689678	-44.807496	0.010581
-0.862476	4.918506	-271.503131	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.386263	22.483711	-0.020421
3.746129	-1.828563	61.529684	
0.25000	-0.386263	22.483711	-0.020421
3.746129	-1.803404	33.829408	
0.50000	-0.386263	22.483711	-0.020421
3.746129	-1.778244	6.129131	
0.75000	-0.386263	22.483711	-0.020421
3.746129	-1.753085	-21.571145	
1.00000	-0.386263	22.483711	-0.020421
3.746129	-1.727926	-49.271422	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 286
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104138	-6.061173	0.168359
-0.012760	0.122545	-16.153163	
0.25000	0.104138	-6.061173	0.168359
-0.012760	-0.084876	-8.685705	
0.50000	0.104138	-6.061173	0.168359
-0.012760	-0.292296	-1.218247	
0.75000	0.104138	-6.061173	0.168359
-0.012760	-0.499717	6.249212	
1.00000	0.104138	-6.061173	0.168359
-0.012760	-0.707138	13.716670	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017113	1.089560	-0.028302
0.001899	-0.016743	1.089694	
0.25000	-0.017113	1.089560	-0.028302
0.001899	0.018126	1.561740	
0.50000	-0.017113	1.089560	-0.028302
0.001899	0.052994	0.219385	
0.75000	-0.017113	1.089560	-0.028302
0.001899	0.087862	-1.122970	
1.00000	-0.017113	1.089560	-0.028302
0.001899	0.122730	-2.465324	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.137574	-64.710522	0.319731
0.090540	6.005553	-919.771429	
0.25000	-4.137574	-64.710522	0.319731
0.090540	5.611639	-840.047073	
0.50000	-4.137574	-64.710522	0.319731
0.090540	5.217726	-760.322717	
0.75000	-4.137574	-64.710522	0.319731
0.090540	4.823812	-680.598361	
1.00000	-4.137574	-64.710522	0.319731
0.090540	4.429899	-600.874005	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.137574	64.710522	-0.319731
-0.090540	-6.005553	919.771429	
0.25000	4.137574	64.710522	-0.319731
-0.090540	-5.611639	840.047073	
0.50000	4.137574	64.710522	-0.319731
-0.090540	-5.217726	760.322717	
0.75000	4.137574	64.710522	-0.319731
-0.090540	-4.823812	680.598361	
1.00000	4.137574	64.710522	-0.319731
-0.090540	-4.429899	600.874005	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.540950	64.710522	0.319731
3.746129	6.005553	919.771429	
0.25000	4.540950	64.710522	0.319731
3.746129	5.611639	840.047073	
0.50000	4.540950	64.710522	0.319731
3.746129	5.217726	760.322717	
0.75000	4.540950	64.710522	0.319731
3.746129	4.931542	703.292476	
1.00000	4.540950	64.710522	0.319731
3.746129	4.918506	652.610751	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.931390	-64.710522	-0.319731
-3.838568	-6.005553	-919.771429	
0.25000	-4.931390	-64.710522	-0.319731
-3.838568	-5.611639	-840.047073	
0.50000	-4.931390	-64.710522	-0.319731
-3.838568	-5.217726	-760.322717	
0.75000	-4.931390	-64.710522	-0.319731
-3.838568	-4.823812	-680.598361	
1.00000	-4.931390	-64.710522	-0.319731
-3.838568	-4.429899	-600.874005	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 287
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 125 ========== LENGTH = 4.928509

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.961080	-13.397057	0.027403
0.806243	0.145626	-343.087624	
0.25000	-4.961080	-13.397057	0.027403
0.806243	0.111862	-326.580746	
0.50000	-4.961080	-13.397057	0.027403
0.806243	0.078099	-310.073868	
0.75000	-4.961080	-13.397057	0.027403
0.806243	0.044335	-293.566990	
1.00000	-4.961080	-13.397057	0.027403
0.806243	0.010572	-277.060113	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.148507	40.188213	-0.359762
-4.454259	3.767984	652.697766	
0.25000	4.148507	40.188213	-0.359762
-4.454259	-3.324712	603.170778	
0.50000	4.148507	40.188213	-0.359762
-4.454259	-2.881440	553.653789	
0.75000	4.148507	40.188213	-0.359762
-4.454259	-2.438168	504.136801	
1.00000	4.148507	40.188213	-0.359762
-4.454259	-1.994896	454.619813	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.228503	-44.233252	0.440065
0.731453	6.216668	-271.580733	
0.25000	1.228503	-44.233252	0.440065
0.731453	5.674451	-217.079742	
0.50000	1.228503	-44.233252	0.440065
0.731453	5.132235	-162.578751	
0.75000	1.228503	-44.233252	0.440065
0.731453	4.590018	-108.077760	
1.00000	1.228503	-44.233252	0.440065
0.731453	4.047802	-53.576769	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.536120	22.421379	-0.101296
3.187783	-2.089041	-49.266732	
0.25000	-0.536120	22.421379	-0.101296
3.187783	-1.964232	-76.892722	
0.50000	-0.536120	22.421379	-0.101296
3.187783	-1.839422	-104.518712	
0.75000	-0.536120	22.421379	-0.101296
3.187783	-1.714613	-132.144703	
1.00000	-0.536120	22.421379	-0.101296
3.187783	-1.589804	-159.770693	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144267	-6.070509	-0.010264
-0.330120	-0.611348	13.711803	
0.25000	0.144267	-6.070509	-0.010264
-0.330120	-0.596702	21.191442	
0.50000	0.144267	-6.070509	-0.010264
-0.330120	-0.586056	28.671081	
0.75000	0.144267	-6.070509	-0.010264
-0.330120	-0.573410	36.150720	
1.00000	0.144267	-6.070509	-0.010264
-0.330120	-0.560764	43.630359	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024077	1.091226	0.003853
0.058900	0.106080	-2.464481	
0.25000	-0.024077	1.091226	0.003853
0.058900	0.101332	-3.809010	
0.50000	-0.024077	1.091226	0.003853
0.058900	0.096585	-5.153539	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 288
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.024077	1.091226	0.003853
0.058900	0.091838	-6.498068	
1.00000	-0.024077	1.091226	0.003853
0.058900	0.087090	-7.842597	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.588310	-63.700818	0.457204
1.207576	5.750946	-600.956553	
0.25000	-3.588310	-63.700818	0.457204
1.207576	5.187612	-522.469046	
0.50000	-3.588310	-63.700818	0.457204
1.207576	4.624278	-443.981538	
0.75000	-3.588310	-63.700818	0.457204
1.207576	4.060944	-365.494030	
1.00000	-3.588310	-63.700818	0.457204
1.207576	3.497610	-287.006522	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.588310	63.700818	-0.457204
-1.207576	-5.750946	600.956553	
0.25000	3.588310	63.700818	-0.457204
-1.207576	-5.187612	522.469046	
0.50000	3.588310	63.700818	-0.457204
-1.207576	-4.624278	443.981538	
0.75000	3.588310	63.700818	-0.457204
-1.207576	-4.060944	365.494030	
1.00000	3.588310	63.700818	-0.457204
-1.207576	-3.497610	287.006522	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.148507	63.700818	0.457204
3.187783	6.216668	652.697766	
0.25000	4.148507	63.700818	0.457204
3.187783	5.674451	603.170778	
0.50000	4.148507	63.700818	0.457204
3.187783	5.132235	553.653789	
0.75000	4.148507	63.700818	0.457204
3.187783	4.590018	504.136801	
1.00000	4.148507	63.700818	0.457204
3.187783	4.047802	454.619813	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.961080	-63.700818	-0.457204
-4.454259	-5.750946	-600.956553	
0.25000	-4.961080	-63.700818	-0.457204
-4.454259	-5.187612	-522.469046	
0.50000	-4.961080	-63.700818	-0.457204
-4.454259	-4.624278	-443.981538	
0.75000	-4.961080	-63.700818	-0.457204
-4.454259	-4.060944	-365.494030	
1.00000	-4.961080	-63.700818	-0.457204
-4.454259	-3.497610	-287.006522	

ELEM 126 ========== LENGTH = 4.927961

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.949319	-13.132699	-0.013220
0.278888	0.038606	-277.064768	
0.25000	-4.949319	-13.132699	-0.013220
0.278888	0.054893	-260.885411	
0.50000	-4.949319	-13.132699	-0.013220
0.278888	0.071179	-244.706054	
0.75000	-4.949319	-13.132699	-0.013220
0.278888	0.087466	-228.526697	
1.00000	-4.949319	-13.132699	-0.013220
0.278888	0.103753	-212.347340	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 289
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.674380	39.623908	-0.400155
-4.331003	-3.133911	454.711485	
0.25000	3.674380	39.623908	-0.400155
-4.331003	-2.640923	405.895215	
0.50000	3.674380	39.623908	-0.400155
-4.331003	-2.147935	357.078946	
0.75000	3.674380	39.623908	-0.400155
-4.331003	-1.654948	308.262677	
1.00000	3.674380	39.623908	-0.400155
-4.331003	-1.161960	259.446407	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.800361	-43.905499	0.606618
2.071273	5.421384	-53.666612	
0.25000	1.800361	-43.905499	0.606618
2.071273	4.674036	-0.424554	
0.50000	1.800361	-43.905499	0.606618
2.071273	3.926689	54.515681	
0.75000	1.800361	-43.905499	0.606618
2.071273	3.179342	108.606827	
1.00000	1.800361	-43.905499	0.606618
2.071273	2.431995	162.697974	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.674393	22.418657	-0.128735
2.308173	-1.922198	-159.765297	
0.25000	-0.674393	22.418657	-0.128735
2.308173	-1.763598	-187.384864	
0.50000	-0.674393	22.418657	-0.128735
2.308173	-1.604997	-215.004430	
0.75000	-0.674393	22.418657	-0.128735
2.308173	-1.446397	-242.623997	
1.00000	-0.674393	22.418657	-0.128735
2.308173	-1.287797	-270.243564	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.179049	-6.101101	-0.081121
-0.398645	-0.476366	43.627265	
0.25000	0.179049	-6.101101	-0.081121
-0.398645	-0.376426	51.143762	
0.50000	0.179049	-6.101101	-0.081121
-0.398645	-0.276486	58.660258	
0.75000	0.179049	-6.101101	-0.081121
-0.398645	-0.176546	66.176755	
1.00000	0.179049	-6.101101	-0.081121
-0.398645	-0.076606	73.693252	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.030079	1.096733	0.016613
0.071314		0.072485	-7.842073	
0.25000		-0.030079	1.096733	0.016613
0.071314		0.052018	-9.193237	
0.50000		-0.030079	1.096733	0.016613
0.071314		0.031550	-10.544401	
0.75000		-0.030079	1.096733	0.016613
0.071314		0.011083	-11.895565	
1.00000		-0.030079	1.096733	0.016613
0.071314		-0.009385	-13.246729	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.969908	-63.139298	0.512277
1.951516		4.983623	-287.104115	
0.25000		-2.969908	-63.139298	0.512277
1.951516		4.352503	-209.317115	
0.50000		-2.969908	-63.139298	0.512277
1.951516		3.721382	-131.530115	
0.75000		-2.969908	-63.139298	0.512277
1.951516		3.090262	-53.743115	
1.00000		-2.969908	-63.139298	0.512277
1.951516		2.459142	24.043885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
290

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.969908	63.139298	-0.512277
-1.951516		-4.983623	287.104115	
0.25000		2.969908	63.139298	-0.512277
-1.951516		-4.352503	209.317115	
0.50000		2.969908	63.139298	-0.512277
-1.951516		-3.721382	131.530115	
0.75000		2.969908	63.139298	-0.512277
-1.951516		-3.090262	53.743115	
1.00000		2.969908	63.139298	-0.512277
-1.951516		-2.459142	-24.043885	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.674380	63.139298	0.606618
2.308173		5.421384	454.711485	
0.25000		3.674380	63.139298	0.606618
2.308173		4.674036	405.895215	
0.50000		3.674380	63.139298	0.606618
2.308173		3.926689	357.078946	
0.75000		3.674380	63.139298	0.606618
2.308173		3.179342	308.262677	
1.00000		3.674380	63.139298	0.606618
2.308173		2.459142	259.446407	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.949319	-63.139298	-0.512277
-4.331003		-4.983623	-287.104115	
0.25000		-4.949319	-63.139298	-0.512277
-4.331003		-4.352503	-260.885411	
0.50000		-4.949319	-63.139298	-0.512277
-4.331003		-3.721382	-244.706054	
0.75000		-4.949319	-63.139298	-0.512277
-4.331003		-3.090262	-242.623997	
1.00000		-4.949319	-63.139298	-0.512277
-4.331003		-2.459142	-270.243564	

ELEM 127 ========== LENGTH = 4.927654

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.902929	-13.011427	-0.001080
-0.266572		0.215791	-212.354134	
0.25000		-4.902929	-13.011427	-0.001080
-0.266572		0.217121	-196.325180	
0.50000		-4.902929	-13.011427	-0.001080
-0.266572		0.218450	-180.296226	
0.75000		-4.902929	-13.011427	-0.001080
-0.266572		0.219780	-164.267272	
1.00000		-4.902929	-13.011427	-0.001080
-0.266572		0.221110	-148.238318	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.145917	39.405997	-0.399125
-4.054165		-2.432929	259.543045	
0.25000		3.145917	39.405997	-0.399125
-4.054165		-1.941241	210.998263	
0.50000		3.145917	39.405997	-0.399125
-4.054165		-1.449553	162.453481	
0.75000		3.145917	39.405997	-0.399125
-4.054165		-0.957866	113.908698	
1.00000		3.145917	39.405997	-0.399125
-4.054165		-0.466178	65.363916	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.369475	-43.850248	0.571129
3.258691		3.799085	162.603101	
0.25000		2.369475	-43.850248	0.571129
3.258691		3.095504	216.622817	
0.50000		2.369475	-43.850248	0.571129
3.258691		2.391923	270.642532	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
291

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		2.369475	-43.850248	0.571129
3.258691		1.688341	324.662248	
1.00000		2.369475	-43.850248	0.571129
3.258691		0.984760	378.681963	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.782461	22.480922	-0.114911
1.252868		-1.547390	-270.236739	
0.25000		-0.782461	22.480922	-0.114911
1.252868		-1.405829	-297.931292	
0.50000		-0.782461	22.480922	-0.114911
1.252868		-1.264269	-325.625845	
0.75000		-0.782461	22.480922	-0.114911
1.252868		-1.122708	-353.320399	
1.00000		-0.782461	22.480922	-0.114911
1.252868		-0.981148	-381.014952	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.204396	-6.126591	-0.070860
-0.232554		-0.014554	73.691100	
0.25000		0.204396	-6.126591	-0.070860
-0.232554		0.072740	81.238530	
0.50000		0.204396	-6.126591	-0.070860
-0.232554		0.160034	88.785960	
0.75000		0.204396	-6.126591	-0.070860
-0.232554		0.247328	96.333390	
1.00000		0.204396	-6.126591	-0.070860
-0.232554		0.334622	103.880820	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.034397	1.101347	0.014847
0.041732		-0.020004	-13.246373	
0.25000		-0.034397	1.101347	0.014847
0.041732		-0.038294	-14.603137	
0.50000		-0.034397	1.101347	0.014847
0.041732		-0.056585	-15.959901	
0.75000		-0.034397	1.101347	0.014847
0.041732		-0.074875	-17.316665	
1.00000		-0.034397	1.101347	0.014847
0.041732		-0.093166	-18.673429	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.329058	-62.988266	0.499189
2.759565		4.000322	23.940067	
0.25000		-2.329058	-62.988266	0.499189
2.759565		3.385364	101.536167	
0.50000		-2.329058	-62.988266	0.499189
2.759565		2.770407	179.132266	
0.75000		-2.329058	-62.988266	0.499189
2.759565		2.155450	256.728366	
1.00000		-2.329058	-62.988266	0.499189
2.759565		1.540492	334.324465	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.329058	62.988266	-0.499189
-2.759565		-4.000322	-23.940067	
0.25000		2.329058	62.988266	-0.499189
-2.759565		-3.385364	-101.536167	
0.50000		2.329058	62.988266	-0.499189
-2.759565		-2.770407	-179.132266	
0.75000		2.329058	62.988266	-0.499189
-2.759565		-2.155450	-256.728366	
1.00000		2.329058	62.988266	-0.499189
-2.759565		-1.540492	-334.324465	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.145917	62.988266	0.571129
3.258691		4.000322	259.543045	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
292

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.145917	62.988266	0.571129
3.258691		3.385364	216.622817	
0.50000		3.145917	62.988266	0.571129
3.258691		2.770407	270.642532	
0.75000		3.145917	62.988266	0.571129
3.258691		2.155450	324.662248	
1.00000		3.145917	62.988266	0.571129
3.258691		1.540492	378.681963	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.902929	-62.988266	-0.499189
-4.054165		-4.000322	-270.236739	
0.25000		-4.902929	-62.988266	-0.499189
-4.054165		-3.385364	-297.931292	
0.50000		-4.902929	-62.988266	-0.499189
-4.054165		-2.770407	-325.625845	
0.75000		-4.902929	-62.988266	-0.499189
-4.054165		-2.155450	-353.320399	
1.00000		-4.902929	-62.988266	-0.499189
-4.054165		-1.540492	-381.014952	

ELEM 128 ========== LENGTH = 4.928464

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.831055	-12.957740	0.024166
-0.748234		0.394562	-148.246205	
0.25000		-4.831055	-12.957740	0.024166
-0.748234		0.364786	-132.280767	
0.50000		-4.831055	-12.957740	0.024166
-0.748234		0.335011	-116.315330	
0.75000		-4.831055	-12.957740	0.024166
-0.748234		0.305235	-100.349892	
1.00000		-4.831055	-12.957740	0.024166
-0.748234		0.275460	-84.384454	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.592189	39.418721	-0.384137
-3.784789		-1.798261	65.467295	
0.25000		2.592189	39.418721	-0.384137
-3.784789		-1.324960	16.894362	
0.50000		2.592189	39.418721	-0.384137
-3.784789		-0.851658	-31.674071	
0.75000		2.592189	39.418721	-0.384137
-3.784789		-0.378357	-80.242504	
1.00000		2.592189	39.418721	-0.384137
-3.784789		0.094944	-128.810937	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.901673	-44.055533	0.481540
4.379927		2.263328	378.586727	
0.25000		2.901673	-44.055533	0.481540
4.379927		1.670016	432.868249	
0.50000		2.901673	-44.055533	0.481540
4.379927		1.076703	487.149772	
0.75000		2.901673	-44.055533	0.481540
4.379927		0.483390	541.431294	
1.00000		2.901673	-44.055533	0.481540
4.379927		-0.109922	595.712816	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.843114	22.640157	-0.093133
0.046991		-1.126518	-381.009386	
0.25000		-0.843114	22.640157	-0.093133
0.046991		-1.011768	-408.904683	
0.50000		-0.843114	22.640157	-0.093133
0.046991		-0.897018	-436.799980	
0.75000		-0.843114	22.640157	-0.093133
0.046991		-0.782268	-464.695277	
1.00000		-0.843114	22.640157	-0.093133
0.046991		-0.667517	-492.590574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
293

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.216695	-6.151501	-0.037406
0.128817		0.365041	103.879244	
0.25000		0.216695	-6.151501	-0.037406
0.128817		0.411130	111.458607	
0.50000		0.216695	-6.151501	-0.037406
0.128817		0.457219	119.037969	
0.75000		0.216695	-6.151501	-0.037406
0.128817		0.503308	126.617331	
1.00000		0.216695	-6.151501	-0.037406
0.128817		0.549397	134.196693	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.036388	1.105896	0.008970
-0.022712		-0.098152	-18.673176	
0.25000		-0.036388	1.105896	0.008970
-0.022712		-0.109205	-20.035768	
0.50000		-0.036388	1.105896	0.008970
-0.022712		-0.120257	-21.398360	
0.75000		-0.036388	1.105896	0.008970
-0.022712		-0.131309	-22.760952	
1.00000		-0.036388	1.105896	0.008970
-0.022712		-0.142362	-24.123544	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.712687	-63.164774	0.468300
3.760510		3.022932	334.219767	
0.25000		-1.712687	-63.164774	0.468300
3.760510		2.445932	412.046089	
0.50000		-1.712687	-63.164774	0.468300
3.760510		1.868933	489.872411	
0.75000		-1.712687	-63.164774	0.468300
3.760510		1.291934	567.698733	
1.00000		-1.712687	-63.164774	0.468300
3.760510		0.714935	645.525055	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.712687	63.164774	-0.468300
-3.760510		-3.022932	-334.219767	
0.25000		1.712687	63.164774	-0.468300
-3.760510		-2.445932	-412.046089	
0.50000		1.712687	63.164774	-0.468300
-3.760510		-1.868933	-489.872411	
0.75000		1.712687	63.164774	-0.468300
-3.760510		-1.291934	-567.698733	
1.00000		1.712687	63.164774	-0.468300
-3.760510		-0.714935	-645.525055	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.901673	63.164774	0.481540
4.379927		3.022932	378.586727	
0.25000		2.901673	63.164774	0.481540
4.379927		2.445932	432.868249	
0.50000		2.901673	63.164774	0.481540
4.379927		1.868933	489.872411	
0.75000		2.901673	63.164774	0.481540
4.379927		1.291934	567.698733	
1.00000		2.901673	63.164774	0.481540
4.379927		0.714935	645.525055	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.831055	-63.164774	-0.468300
-3.784789		-3.022932	-381.009386	
0.25000		-4.831055	-63.164774	-0.468300
-3.784789		-2.445932	-412.046089	
0.50000		-4.831055	-63.164774	-0.468300
-3.784789		-1.868933	-489.872411	
0.75000		-4.831055	-63.164774	-0.468300
-3.784789		-1.291934	-567.698733	
1.00000		-4.831055	-63.164774	-0.468300
-3.784789		-0.714935	-645.525055	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
294

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 129 ========== LENGTH = 4.928349

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.743087	-12.950238	0.042345
-1.113392		0.487566	-84.392417	
0.25000		-4.743087	-12.950238	0.042345
-1.113392		0.435393	-68.436594	
0.50000		-4.743087	-12.950238	0.042345
-1.113392		0.383221	-52.480771	
0.75000		-4.743087	-12.950238	0.042345
-1.113392		0.331048	-36.524947	
1.00000		-4.743087	-12.950238	0.042345
-1.113392		0.278875	-20.569124	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.042289	39.670652	-0.379367
-3.581483		-1.222893	-128.270953	
0.25000		2.042289	39.670652	-0.379367
-3.581483		-0.760080	-177.590659	
0.50000		2.042289	39.670652	-0.379367
-3.581483		-0.292666	-226.468365	
0.75000		2.042289	39.670652	-0.379367
-3.581483		0.171747	-275.346071	
1.00000		2.042289	39.670652	-0.379367
-3.581483		0.642160	-324.223777	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.363457	-44.629213	0.435898
5.323716		0.998682	595.621546	
0.25000		3.363457	-44.629213	0.435898
5.323716		0.461618	650.608631	
0.50000		3.363457	-44.629213	0.435898
5.323716		-0.075447	705.595717	
0.75000		3.363457	-44.629213	0.435898
5.323716		-0.612511	760.582802	
1.00000		3.363457	-44.629213	0.435898
5.323716		-1.149576	815.569888	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.839300	22.992147	-0.092506
-1.144020		-0.657217	-492.588242	
0.25000		-0.839300	22.992147	-0.092506
-1.144020		-0.543241	-520.916574	
0.50000		-0.839300	22.992147	-0.092506
-1.144020		-0.429265	-549.244906	
0.75000		-0.839300	22.992147	-0.092506
-1.144020		-0.315289	-577.573239	
1.00000		-0.839300	22.992147	-0.092506
-1.144020		-0.201313	-605.901571	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.211993	-6.197696	-0.010615
0.626484		0.538449	134.195408	
0.25000		0.211993	-6.197696	-0.010615
0.626484		0.555128	141.831510	
0.50000		0.211993	-6.197696	-0.010615
0.626484		0.564606	149.467612	
0.75000		0.211993	-6.197696	-0.010615
0.626484		0.577684	157.103714	
1.00000		0.211993	-6.197696	-0.010615
0.626484		0.590763	164.739816	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.035352	1.114347	0.004245
-0.111305		-0.139988	-24.123341	
0.25000		-0.035352	1.114347	0.004245
-0.111305		-0.145218	-25.496314	
0.50000		-0.035352	1.114347	0.004245
-0.111305		-0.150448	-26.869286	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
295

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.035352	1.114347	0.004245
-0.111305		-0.155678	-28.242258	
1.00000		-0.035352	1.114347	0.004245
-0.111305		-0.160909	-29.615231	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.167637	-63.777146	0.467628
4.836808		2.024697	645.424536	
0.25000		-1.167637	-63.777146	0.467628
4.836808		1.448539	724.003547	
0.50000		-1.167637	-63.777146	0.467628
4.836808		0.872380	802.582558	
0.75000		-1.167637	-63.777146	0.467628
4.836808		0.296221	881.161568	
1.00000		-1.167637	-63.777146	0.467628
4.836808		-0.279938	959.740579	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.167637	63.777146	-0.467628
-4.836808		-2.024697	-645.424536	
0.25000		1.167637	63.777146	-0.467628
-4.836808		-1.448539	-724.003547	
0.50000		1.167637	63.777146	-0.467628
-4.836808		-0.872380	-802.582558	
0.75000		1.167637	63.777146	-0.467628
-4.836808		-0.296221	-881.161568	
1.00000		1.167637	63.777146	-0.467628
-4.836808		0.279938	-959.740579	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.363457	63.777146	0.467628
5.323716		2.024697	645.424536	
0.25000		3.363457	63.777146	0.467628
5.323716		1.448539	724.003547	
0.50000		3.363457	63.777146	0.467628
5.323716		0.872380	802.582558	
0.75000		3.363457	63.777146	0.467628
5.323716		0.577684	881.161568	
1.00000		3.363457	63.777146	0.467628
5.323716		0.642160	959.740579	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.743087	-63.777146	-0.467628
-4.836808		-2.024697	-645.424536	
0.25000		-4.743087	-63.777146	-0.467628
-4.836808		-1.448539	-724.003547	
0.50000		-4.743087	-63.777146	-0.467628
-4.836808		-0.872380	-802.582558	
0.75000		-4.743087	-63.777146	-0.467628
-4.836808		-0.612511	-881.161568	
1.00000		-4.743087	-63.777146	-0.467628
-4.836808		-1.149576	-959.740579	

ELEM 130 ========== LENGTH = 4.928362

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.648984	-12.988501	0.052726
-1.319447		0.505680	-20.576497	
0.25000		-4.648984	-12.988501	0.052726
-1.319447		0.440717	-4.573490	
0.50000		-4.648984	-12.988501	0.052726
-1.319447		0.375754	11.429517	
0.75000		-4.648984	-12.988501	0.052726
-1.319447		0.310791	27.432525	
1.00000		-4.648984	-12.988501	0.052726
-1.319447		0.245829	43.435532	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
296

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.524879	40.181039	-0.396802
-3.394458		-0.601978	-324.132018	
0.25000		1.524879	40.181039	-0.396802
-3.394458		-0.113082	-373.638691	
0.50000		1.524879	40.181039	-0.396802
-3.394458		0.375815	-423.145364	
0.75000		1.524879	40.181039	-0.396802
-3.394458		0.864711	-472.652037	
1.00000		1.524879	40.181039	-0.396802
-3.394458		1.353608	-522.158709	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.726434	-45.605853	0.454246
5.846618		-0.279078	815.490255	
0.25000		3.726434	-45.605853	0.454246
5.846618		-0.938750	871.680790	
0.50000		3.726434	-45.605853	0.454246
5.846618		-1.398422	927.871325	
0.75000		3.726434	-45.605853	0.454246
5.846618		-1.958093	984.061859	
1.00000		3.726434	-45.605853	0.454246
5.846618		-2.517765	1040.252	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.758919	23.541752	-0.116865
-2.152551		-0.006154	-605.905362	
0.25000		-0.758919	23.541752	-0.116865
-2.152551		0.137834	-634.910929	
0.50000		-0.758919	23.541752	-0.116865
-2.152551		0.281822	-663.916497	
0.75000		-0.758919	23.541752	-0.116865
-2.152551		0.425810	-692.922064	
1.00000		-0.758919	23.541752	-0.116865
-2.152551		0.569798	-721.927632	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.187360	-6.253038	0.005605
1.239988		0.531472	164.738676	
0.25000		0.187360	-6.253038	0.005605
1.239988		0.524566	172.442984	
0.50000		0.187360	-6.253038	0.005605
1.239988		0.517660	180.147292	
0.75000		0.187360	-6.253038	0.005605
1.239988		0.510753	187.851600	
1.00000		0.187360	-6.253038	0.005605
1.239988		0.503847	195.555907	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.030770	1.124600	0.001090
-0.220150		-0.149942	-29.615055	
0.25000		-0.030770	1.124600	0.001090
-0.220150		-0.151286	-31.000664	
0.50000		-0.030770	1.124600	0.001090
-0.220150		-0.152629	-32.386274	
0.75000		-0.030770	1.124600	0.001090
-0.220150		-0.153973	-33.771883	
1.00000		-0.030770	1.124600	0.001090
-0.220150		-0.155316	-35.157492	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.735190	-64.847391	0.512577
5.767159		0.758074	959.652435	
0.25000		-0.735190	-64.847391	0.512577
5.767159		0.126533	1039.550	
0.50000		-0.735190	-64.847391	0.512577
5.767159		-0.505008	1119.448	
0.75000		-0.735190	-64.847391	0.512577
5.767159		-1.136549	1199.346	
1.00000		-0.735190	-64.847391	0.512577
5.767159		-1.768090	1279.244	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
297

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.735190	64.847391	-0.512577
-5.767159		-0.758074	-959.652435	
0.25000		0.735190	64.847391	-0.512577
-5.767159		-0.126533	-1039.550	
0.50000		0.735190	64.847391	-0.512577
-5.767159		0.505008	-1119.448	
0.75000		0.735190	64.847391	-0.512577
-5.767159		1.136549	-1199.346	
1.00000		0.735190	64.847391	-0.512577
-5.767159		1.768090	-1279.244	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.726434	64.847391	0.512577
5.846618		0.758074	959.652435	
0.25000		3.726434	64.847391	0.512577
5.846618		0.524566	1039.550	
0.50000		3.726434	64.847391	0.512577
5.846618		0.517660	1119.448	
0.75000		3.726434	64.847391	0.512577
5.846618		1.136549	1199.346	
1.00000		3.726434	64.847391	0.512577
5.846618		1.768090	1279.244	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.648984	-64.847391	-0.512577
-5.767159		-0.758074	-959.652435	
0.25000		-4.648984	-64.847391	-0.512577
-5.767159		-0.838750	-1039.550	
0.50000		-4.648984	-64.847391	-0.512577
-5.767159		-1.398422	-1119.448	
0.75000		-4.648984	-64.847391	-0.512577
-5.767159		-1.958093	-1199.346	
1.00000		-4.648984	-64.847391	-0.512577
-5.767159		-2.517765	-1279.244	

ELEM 131 ========== LENGTH = 4.927534

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.557667	-13.073925	0.053491
-1.375999		0.466001	43.428957	
0.25000		-4.557667	-13.073925	0.053491
-1.375999		0.400106	59.534509	
0.50000		-4.557667	-13.073925	0.053491
-1.375999		0.334211	75.640062	
0.75000		-4.557667	-13.073925	0.053491
-1.375999		0.268316	91.745614	
1.00000		-4.557667	-13.073925	0.053491
-1.375999		0.202421	107.851166	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.064959	41.093193	-0.382064
-2.789271		0.247285	-522.077927	
0.25000		1.064959	41.093193	-0.382064
-2.789271		0.717943	-572.699950	
0.50000		1.064959	41.093193	-0.382064
-2.789271		1.188601	-623.321974	
0.75000		1.064959	41.093193	-0.382064
-2.789271		1.659259	-673.943997	
1.00000		1.064959	41.093193	-0.382064
-2.789271		2.129917	-724.566021	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.966845	-47.311122	0.432959
4.978296		-1.942413	1040.193	
0.25000		3.966845	-47.311122	0.432959
4.978296		-2.475768	1098.474	
0.50000		3.966845	-47.311122	0.432959
4.978296		-3.009124	1156.756	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
298

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		3.966845	-47.311122	0.432959
4.978296		-3.542479	1215.038	
1.00000		3.966845	-47.311122	0.432959
4.978296		-4.075834	1273.320	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.592319	24.500471	-0.115363
-2.339778		0.973403	-721.941393	
0.25000		-0.592319	24.500471	-0.115363
-2.339778		1.115516	-752.123117	
0.50000		-0.592319	24.500471	-0.115363
-2.339778		1.257629	-782.304842	
0.75000		-0.592319	24.500471	-0.115363
-2.339778		1.399743	-812.486566	
1.00000		-0.592319	24.500471	-0.115363
-2.339778		1.541856	-842.668291	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.140399	-6.351530	0.012092
1.855096		0.390455	195.555214	
0.25000		0.140399	-6.351530	0.012092
1.855096		0.375559	203.379559	
0.50000		0.140399	-6.351530	0.012092
1.855096		0.360663	211.203903	
0.75000		0.140399	-6.351530	0.012092
1.855096		0.345767	219.028248	
1.00000		0.140399	-6.351530	0.012092
1.855096		0.330871	226.852593	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.022216	1.142914	-0.001116
-0.328344		-0.134730	-35.157399	
0.25000		-0.022216	1.142914	-0.001116
-0.328344		-0.133355	-36.565336	
0.50000		-0.022216	1.142914	-0.001116
-0.328344		-0.131980	-37.973273	
0.75000		-0.022216	1.142914	-0.001116
-0.328344		-0.130606	-39.381209	
1.00000		-0.022216	1.142914	-0.001116
-0.328344		-0.129231	-40.789146	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.450423	-66.736577	0.498543
5.457393		-1.085957	1279.177	
0.25000		-0.450423	-66.736577	0.498543
5.457393		-1.700103	1361.388	
0.50000		-0.450423	-66.736577	0.498543
5.457393		-2.314249	1443.600	
0.75000		-0.450423	-66.736577	0.498543
5.457393		-2.928396	1525.812	
1.00000		-0.450423	-66.736577	0.498543
5.457393		-3.542542	1608.023	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.450423	66.736577	-0.498543
-5.457393		1.085957	-1279.177	
0.25000		0.450423	66.736577	-0.498543
-5.457393		1.700103	-1361.388	
0.50000		0.450423	66.736577	-0.498543
-5.457393		2.314249	-1443.600	
0.75000		0.450423	66.736577	-0.498543
-5.457393		2.928396	-1525.812	
1.00000		0.450423	66.736577	-0.498543
-5.457393		3.542542	-1608.023	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.966845	66.736577	0.498543
5.457393		1.085957	1279.177	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
299

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.966845	66.736577	0.498543
5.457393		1.700103	1361.388	
0.50000		3.966845	66.736577	0.498543
5.457393		2.314249	1443.600	
0.75000		3.966845	66.736577	0.498543
5.457393		2.928396	1525.812	
1.00000		3.966845	66.736577	0.498543
5.457393		3.542542	1608.023	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.557667	-66.736577	-0.498543
-5.457393		-1.942413	-1279.177	
0.25000		-4.557667	-66.736577	-0.498543
-5.457393		-2.475768	-1361.388	
0.50000		-4.557667	-66.736577	-0.498543
-5.457393		-3.009124	-1443.600	
0.75000		-4.557667	-66.736577	-0.498543
-5.457393		-3.542479	-1525.812	
1.00000		-4.557667	-66.736577	-0.498543
-5.457393		-4.075834	-1608.023	

ELEM 132 ========== LENGTH = 3.450336

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.470503	-13.217795	0.029875
-1.371962		0.409393	107.844304	
0.25000		-4.470503	-13.217795	0.029875
-1.371962		0.383624	119.245762	
0.50000		-4.470503	-13.217795	0.029875
-1.371962		0.357854	130.647220	
0.75000		-4.470503	-13.217795	0.029875
-1.371962		0.332085	142.048678	
1.00000		-4.470503	-13.217795	0.029875
-1.371962		0.306315	153.450136	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.655044	42.405240	-0.219760
-1.433629		1.158259	-724.495904	
0.25000		0.655044	42.405240	-0.219760
-1.433629		1.347821	-761.073983	
0.50000		0.655044	42.405240	-0.219760
-1.433629		1.537383	-797.652063	
0.75000		0.655044	42.405240	-0.219760
-1.433629		1.726944	-834.230142	
1.00000		0.655044	42.405240	-0.219760
-1.433629		1.916506	-870.808222	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.072668	-49.726568	0.205235
2.202193		-3.828154	1273.284	
0.25000		4.072668	-49.726568	0.205235
2.202193		-4.005186	1316.177	
0.50000		4.072668	-49.726568	0.205235
2.202193		-4.182218	1359.071	
0.75000		4.072668	-49.726568	0.205235
2.202193		-4.359251	1401.964	
1.00000		4.072668	-49.726568	0.205235
2.202193		-4.536283	1444.857	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.312885	25.853720	-0.023960
-1.361016		2.207696	-842.697220	
0.25000		-0.312885	25.853720	-0.023960
-1.361016		2.228363	-864.998223	
0.50000		-0.312885	25.853720	-0.023960
-1.361016		2.249031	-887.299227	
0.75000		-0.312885	25.853720	-0.023960
-1.361016		2.269698	-909.600230	
1.00000		-0.312885	25.853720	-0.023960
-1.361016		2.290366	-931.901234	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
300

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.064117	-6.481801	0.011881
2.384748		0.149308	226.854169	
0.25000		0.064117	-6.481801	0.011881
2.384748		0.139060	232.445266	
0.50000		0.064117	-6.481801	0.011881
2.384748		0.128812	238.036364	
0.75000		0.064117	-6.481801	0.011881
2.384748		0.118564	243.627462	
1.00000		0.064117	-6.481801	0.011881
2.384748		0.108316	249.218560	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.008441	1.167204	-0.003270
-0.420334		-0.093603	-40.778461	
0.25000		-0.008441	1.167204	-0.003270
-0.420334		-0.093682	-41.796273	
0.50000		-0.008441	1.167204	-0.003270
-0.420334		-0.090861	-42.803084	
0.75000		-0.008441	1.167204	-0.003270
-0.420334		-0.088040	-43.809896	
1.00000		-0.008441	1.167204	-0.003270
-0.420334		-0.085220	-44.816707	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.333718	-69.426164	0.246990
3.214979		-3.269453	1607.983	
0.25000		-0.333718	-69.426164	0.246990
3.214979		-3.482502	1667.868	
0.50000		-0.333718	-69.426164	0.246990
3.214979		-3.695552	1727.754	
0.75000		-0.333718	-69.426164	0.246990
3.214979		-3.908602	1787.640	
1.00000		-0.333718	-69.426164	0.246990
3.214979		-4.121652	1847.526	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.333718	69.426164	-0.246990
-3.214979		3.269453	-1607.983	
0.25000		0.333718	69.426164	-0.246990
-3.214979		3.482502	-1667.868	
0.50000		0.333718	69.426164	-0.246990
-3.214979		3.695552	-1727.754	
0.75000		0.333718	69.426164	-0.246990
-3.214979		3.908602	-1787.640	
1.00000		0.333718	69.426164	-0.246990
-3.214979		4.121652	-1847.526	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.072668	69.426164	0.246990
3.214979		3.269453	1607.983	
0.25000		4.072668	69.426164	0.246990
3.214979		3.482502	1667.868	
0.50000		4.072668	69.426164	0.246990
3.214979		3.695552	1727.754	
0.75000		4.072668	69.426164	0.246990
3.214979		3.908602	1787.640	
1.00000		4.072668	69.426164	0.246990
3.214979		4.121652	1847.526	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.470503	-69.426164	-0.246990
-3.214979		-3.828154	-1607.983	
0.25000		-4.470503	-69.426164	-0.246990
-3.214979		-4.005186	-1667.868	
0.50000		-4.470503	-69.426164	-0.246990
-3.214979		-4.182218	-1727.754	
0.75000		-4.470503	-69.426164	-0.246990
-3.214979		-4.359251	-1787.640	
1.00000		-4.470503	-69.426164	-0.246990
-3.214979		-4.536283	-1847.526	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
301

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 133 ========== LENGTH = 3.448999

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.388797	4.096224	0.009337
-1.299007		0.497910	153.443841	
0.25000		-4.388797	4.096224	0.009337
-1.299007		0.489859	149.911873	
0.50000		-4.388797	4.096224	0.009337
-1.299007		0.481808	146.379905	
0.75000		-4.388797	4.096224	0.009337
-1.299007		0.473757	142.847936	
1.00000		-4.388797	4.096224	0.009337
-1.299007		0.465706	139.315968	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.286255	-24.572564	-0.039810
0.482168		1.052217	-870.756248	
0.25000		0.286255	-24.572564	-0.039810
0.482168		1.086543	-849.568562	
0.50000		0.286255	-24.572564	-0.039810
0.482168		1.120869	-828.380876	
0.75000		0.286255	-24.572564	-0.039810
0.482168		1.155195	-807.193190	
1.00000		0.286255	-24.572564	-0.039810
0.482168		1.189521	-786.005504	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.067984	50.806633	-0.142983
-1.872207		-4.547292	1444.860	
0.25000		4.067984	50.806633	-0.142983
-1.872207		-4.424005	1401.052	
0.50000		4.067984	50.806633	-0.142983
-1.872207		-4.300718	1357.244	
0.75000		4.067984	50.806633	-0.142983
-1.872207		-4.177431	1313.436	
1.00000		4.067984	50.806633	-0.142983
-1.872207		-4.054144	1269.628	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.061529	-47.993563	0.185172
0.466167		3.167940	-931.953693	
0.25000		0.061529	-47.993563	0.185172
0.466167		3.008275	-890.571257	
0.50000		0.061529	-47.993563	0.185172
0.466167		2.848611	-849.188820	
0.75000		0.061529	-47.993563	0.185172
0.466167		2.688946	-807.806384	
1.00000		0.061529	-47.993563	0.185172
0.466167		2.529281	-766.423948	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.036674	21.536872	-0.009563
2.697030		-0.128074	249.223341	
0.25000		-0.036674	21.536872	-0.009563
2.697030		-0.119928	230.653179	
0.50000		-0.036674	21.536872	-0.009563
2.697030		-0.111583	212.083017	
0.75000		-0.036674	21.536872	-0.009563
2.697030		-0.103338	193.512855	
1.00000		-0.036674	21.536872	-0.009563
2.697030		-0.095092	174.942693	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.009704	-3.873602	-0.002154
-0.474152		-0.042701	-44.817605	
0.25000		0.009704	-3.873602	-0.002154
-0.474152		-0.040844	-41.477593	
0.50000		0.009704	-3.873602	-0.002154
-0.474152		-0.038987	-38.137580	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
302

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.009704	-3.873602	-0.002154
-0.474152		-0.037129	-34.797568	
1.00000		0.009704	-3.873602	-0.002154
-0.474152		-0.035272	-31.457556	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.357487	76.439729	-0.143208
-0.474183		-4.177456	1847.528	
0.25000		-0.357487	76.439729	-0.143208
-0.474183		-4.053974	1781.617	
0.50000		-0.357487	76.439729	-0.143208
-0.474183		-3.930493	1715.707	
0.75000		-0.357487	76.439729	-0.143208
-0.474183		-3.807012	1649.797	
1.00000		-0.357487	76.439729	-0.143208
-0.474183		-3.683530	1583.887	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.357487	-76.439729	0.143208
0.474183		4.177456	-1847.528	
0.25000		0.357487	-76.439729	0.143208
0.474183		4.053974	-1781.617	
0.50000		0.357487	-76.439729	0.143208
0.474183		3.930493	-1715.707	
0.75000		0.357487	-76.439729	0.143208
0.474183		3.807012	-1649.797	
1.00000		0.357487	-76.439729	0.143208
0.474183		3.683530	-1583.887	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.067984	76.439729	0.185172
2.697030		4.177456	1847.528	
0.25000		4.067984	76.439729	0.185172
2.697030		4.053974	1781.617	
0.50000		4.067984	76.439729	0.185172
2.697030		3.930493	1715.707	
0.75000		4.067984	76.439729	0.185172
2.697030		3.807012	1649.797	
1.00000		4.067984	76.439729	0.185172
2.697030		3.683530	1583.887	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.388797	-76.439729	-0.143208
-1.872207		-4.547292	-1847.528	
0.25000		-4.388797	-76.439729	-0.143208
-1.872207		-4.424005	-1781.617	
0.50000		-4.388797	-76.439729	-0.143208
-1.872207		-4.300718	-1715.707	
0.75000		-4.388797	-76.439729	-0.143208
-1.872207		-4.177431	-1649.797	
1.00000		-4.388797	-76.439729	-0.143208
-1.872207		-4.054144	-1583.887	

ELEM 134 ========== LENGTH = 4.928994

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.323917	3.984075	0.006780
-1.107228		0.620030	139.311570	
0.25000		-4.323917	3.984075	0.006780
-1.107228		0.611675	134.402199	
0.50000		-4.323917	3.984075	0.006780
-1.107228		0.603320	129.492828	
0.75000		-4.323917	3.984075	0.006780
-1.107228		0.594965	124.583457	
1.00000		-4.323917	3.984075	0.006780
-1.107228		0.586610	119.674086	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
303

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.006363	-23.248957	0.041640
1.831756		0.523276	-785.970806	
0.25000		0.006363	-23.248957	0.041640
1.831756		0.471965	-757.322312	
0.50000		0.006363	-23.248957	0.041640
1.831756		0.420654	-728.673818	
0.75000		0.006363	-23.248957	0.041640
1.831756		0.369343	-700.025324	
1.00000		0.006363	-23.248957	0.041640
1.831756		0.318032	-671.376830	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.953936	48.392525	-0.372432
-4.994078		-4.322436	1269.659	
0.25000		3.953936	48.392525	-0.372432
-4.994078		-3.663537	1210.027	
0.50000		3.953936	48.392525	-0.372432
-4.994078		-3.404578	1150.396	
0.75000		3.953936	48.392525	-0.372432
-4.994078		-2.945649	1090.764	
1.00000		3.953936	48.392525	-0.372432
-4.994078		-2.486719	1031.133	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.481399	-46.634353	0.359641
1.967229		3.525329	-766.488989	
0.25000		0.481399	-46.634353	0.359641
1.967229		3.082162	-709.023874	
0.50000		0.481399	-46.634353	0.359641
1.967229		2.638995	-651.558759	
0.75000		0.481399	-46.634353	0.359641
1.967229		2.195828	-594.093644	
1.00000		0.481399	-46.634353	0.359641
1.967229		1.752661	-536.628529	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.147446	21.345171	-0.035851
2.790281		-0.358319	174.947596	
0.25000		-0.147446	21.345171	-0.035851
2.790281		-0.314141	148.645039	
0.50000		-0.147446	21.345171	-0.035851
2.790281		-0.269963	122.342482	
0.75000		-0.147446	21.345171	-0.035851
2.790281		-0.225786	96.039925	
1.00000		-0.147446	21.345171	-0.035851
2.790281		-0.181608	69.737368	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.029664	-3.838462	0.000222
-0.487961		0.012120	-31.458490	
0.25000		0.029664	-3.838462	0.000222
-0.487961		0.011847	-26.728551	
0.50000		0.029664	-3.838462	0.000222
-0.487961		0.011573	-21.998612	
0.75000		0.029664	-3.838462	0.000222
-0.487961		0.011299	-17.268674	
1.00000		0.029664	-3.838462	0.000222
-0.487961		0.011025	-12.538735	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.517426	73.721771	-0.401503
-3.311024		-4.060725	1583.918	
0.25000		-0.517426	73.721771	-0.401503
-3.311024		-3.565973	1493.075	
0.50000		-0.517426	73.721771	-0.401503
-3.311024		-3.071221	1402.231	
0.75000		-0.517426	73.721771	-0.401503
-3.311024		-2.576470	1311.388	
1.00000		-0.517426	73.721771	-0.401503
-3.311024		-2.081718	1220.544	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
304

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.517426	-73.721771	0.401503
3.311024		4.060725	-1583.918	
0.25000		0.517426	-73.721771	0.401503
3.311024		3.565973	-1493.075	
0.50000		0.517426	-73.721771	0.401503
3.311024		3.071221	-1402.231	
0.75000		0.517426	-73.721771	0.401503
3.311024		2.576470	-1311.388	
1.00000		0.517426	-73.721771	0.401503
3.311024		2.081718	-1220.544	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.953936	73.721771	0.401503
3.311024		4.060725	1583.918	
0.25000		3.953936	73.721771	0.401503
3.311024		3.565973	1493.075	
0.50000		3.953936	73.721771	0.401503
3.311024		3.071221	1402.231	
0.75000		3.953936	73.721771	0.401503
3.311024		2.576470	1311.388	
1.00000		3.953936	73.721771	0.401503
3.311024		2.081718	1220.544	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.323917	-73.721771	-0.401503
-4.994078		-4.322436	-1583.918	
0.25000		-4.323917	-73.721771	-0.401503
-4.994078		-3.863507	-1493.075	
0.50000		-4.323917	-73.721771	-0.401503
-4.994078		-3.404578	-1402.231	
0.75000		-4.323917	-73.721771	-0.401503
-4.994078		-2.945649	-1311.388	
1.00000		-4.323917	-73.721771	-0.401503
-4.994078		-2.486719	-1220.544	

ELEM 135 ========== LENGTH = 4.927556

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.279028	3.903082	0.015381
-0.769406		1.694824	119.672351	
0.25000		-4.279028	3.903082	0.015381
-0.769406		0.675875	114.864187	
0.50000		-4.279028	3.903082	0.015381
-0.769406		0.656927	110.056024	
0.75000		-4.279028	3.903082	0.015381
-0.769406		0.637979	105.247860	
1.00000		-4.279028	3.903082	0.015381
-0.769406		0.619031	100.439696	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.168494	-22.308490	0.038278
1.722732		-0.104650	-671.360368	
0.25000		-0.168494	-22.308490	0.038278
1.722732		-0.151804	-643.878786	
0.50000		-0.168494	-22.308490	0.038278
1.722732		-0.198959	-616.397205	
0.75000		-0.168494	-22.308490	0.038278
1.722732		-0.246114	-588.915624	
1.00000		-0.168494	-22.308490	0.038278
1.722732		-0.293269	-561.434043	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.705645	46.690286	-0.394895
-5.720654		-3.081566	1031.195	
0.25000		3.705645	46.690286	-0.394895
-5.720654		-2.595099	973.677876	
0.50000		3.705645	46.690286	-0.394895
-5.720654		-2.108632	916.160631	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
305

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		3.705645	46.690286	-0.394895
-5.720654		-1.622165	858.643385	
1.00000		3.705645	46.690286	-0.394895
-5.720654		-1.135699	801.126139	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.956736	-45.698736	0.381931
2.461068		2.896102	-536.708058	
0.25000		0.956736	-45.698736	0.381931
2.461068		2.425606	-480.412291	
0.50000		0.956736	-45.698736	0.381931
2.461068		1.955110	-424.116524	
0.75000		0.956736	-45.698736	0.381931
2.461068		1.484613	-367.820757	
1.00000		0.956736	-45.698736	0.381931
2.461068		1.014117	-311.524990	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.265964	21.231437	-0.040587
2.791639		-0.467380	69.740308	
0.25000		-0.265964	21.231437	-0.040587
2.791639		-0.417381	43.585536	
0.50000		-0.265964	21.231437	-0.040587
2.791639		-0.367382	17.430764	
0.75000		-0.265964	21.231437	-0.040587
2.791639		-0.317383	-8.724008	
1.00000		-0.265964	21.231437	-0.040587
2.791639		-0.267383	-34.878781	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.051105	-3.817579	-0.000108
-0.485380		0.062669	-12.539356	
0.25000		0.051105	-3.817579	-0.000108
-0.485380		0.062803	-7.836522	
0.50000		0.051105	-3.817579	-0.000108
-0.485380		0.062936	-3.133689	
0.75000		0.051105	-3.817579	-0.000108
-0.485380		0.063070	1.569144	
1.00000		0.051105	-3.817579	-0.000108
-0.485380		0.063204	6.271978	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.839347	71.824805	-0.420101
-3.698421		-2.854122	1220.608	
0.25000		-0.839347	71.824805	-0.420101
-3.698421		-2.336604	1132.128	
0.50000		-0.839347	71.824805	-0.420101
-3.698421		-1.819087	1043.647	
0.75000		-0.839347	71.824805	-0.420101
-3.698421		-1.301569	955.167236	
1.00000		-0.839347	71.824805	-0.420101
-3.698421		-0.784052	866.687054	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.839347	-71.824805	0.420101
3.698421		2.854122	-1220.608	
0.25000		0.839347	-71.824805	0.420101
3.698421		2.336604	-1132.128	
0.50000		0.839347	-71.824805	0.420101
3.698421		1.819087	-1043.647	
0.75000		0.839347	-71.824805	0.420101
3.698421		1.301569	-955.167236	
1.00000		0.839347	-71.824805	0.420101
3.698421		0.784052	-866.687054	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.705645	71.824805	0.420101
3.698421		2.896102	1220.608	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
306

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.705645	71.824805	0.420101
3.698421		2.425606	1132.128	
0.50000		3.705645	71.824805	0.420101
3.698421		1.955110	1043.647	
0.75000		3.705645	71.824805	0.420101
3.698421		1.484613	955.167236	
1.00000		3.705645	71.824805	0.420101
3.698421		1.014117	866.687054	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.279028	-71.824805	-0.420101
-5.720654		-3.081566	-1220.608	
0.25000		-4.279028	-71.824805	-0.420101
-5.720654		-2.595099	-1132.128	
0.50000		-4.279028	-71.824805	-0.420101
-5.720654		-2.108632	-1043.647	
0.75000		-4.279028	-71.824805	-0.420101
-5.720654		-1.622165	-955.167236	
1.00000		-4.279028	-71.824805	-0.420101
-5.720654		-1.135699	-866.687054	

ELEM 136 ========== LENGTH = 4.928244

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.249007	3.858691	0.023846
-0.421464		0.691220	100.438393	
0.25000		-4.249007	3.858691	0.023846
-0.421464		0.661840	95.684250	
0.50000		-4.249007	3.858691	0.023846
-0.421464		0.632460	90.930108	
0.75000		-4.249007	3.858691	0.023846
-0.421464		0.603079	86.175965	
1.00000		-4.249007	3.858691	0.023846
-0.421464		0.573699	81.421822	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.263932	-21.768084	0.010947
0.930939		-0.523805	-561.426918	
0.25000		-0.263932	-21.768084	0.010947
0.930939		-0.537292	-534.607313	
0.50000		-0.263932	-21.768084	0.010947
0.930939		-0.550779	-507.787708	
0.75000		-0.263932	-21.768084	0.010947
0.930939		-0.564266	-480.968102	
1.00000		-0.263932	-21.768084	0.010947
0.930939		-0.577753	-454.148497	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.335581	45.717490	-0.357393
-5.310258		-2.024182	801.207218	
0.25000		3.335581	45.717490	-0.357393
-5.310258		-1.583852	744.880486	
0.50000		3.335581	45.717490	-0.357393
-5.310258		-1.143523	688.553753	
0.75000		3.335581	45.717490	-0.357393
-5.310258		-0.703193	632.227021	
1.00000		3.335581	45.717490	-0.357393
-5.310258		-0.262864	575.900289	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.491622	-45.178998	0.362761
2.743617		2.300580	-311.615153	
0.25000		1.491622	-45.178998	0.362761
2.743617		1.853636	-255.951875	
0.50000		1.491622	-45.178998	0.362761
2.743617		1.406693	-200.288598	
0.75000		1.491622	-45.178998	0.362761
2.743617		0.959749	-144.625320	
1.00000		1.491622	-45.178998	0.362761
2.743617		0.512805	-88.962043	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
307

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.387519	21.178979	-0.039640
2.484724		-0.560301	-34.874648	
0.25000		-0.387519	21.178979	-0.039640
2.484724		-0.511462	-60.968441	
0.50000		-0.387519	21.178979	-0.039640
2.484724		-0.462623	-87.062233	
0.75000		-0.387519	21.178979	-0.039640
2.484724		-0.413784	-113.156026	
1.00000		-0.387519	21.178979	-0.039640
2.484724		-0.364945	-139.249818	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.073255	-3.808079	-0.000522
-0.427559		0.116487	6.271107	
0.25000		0.073255	-3.808079	-0.000522
-0.427559		0.117130	10.962892	
0.50000		0.073255	-3.808079	-0.000522
-0.427559		0.117773	15.654677	
0.75000		0.073255	-3.808079	-0.000522
-0.427559		0.118415	20.346462	
1.00000		0.073255	-3.808079	-0.000522
-0.427559		0.119058	25.038247	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.300945	70.755161	-0.373186
-3.246997		-1.893262	866.770963	
0.25000		-1.300945	70.755161	-0.373186
-3.246997		-1.433474	779.596296	
0.50000		-1.300945	70.755161	-0.373186
-3.246997		-0.973686	692.421628	
0.75000		-1.300945	70.755161	-0.373186
-3.246997		-0.513898	605.246961	
1.00000		-1.300945	70.755161	-0.373186
-3.246997		-0.054109	518.072293	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.300945	-70.755161	0.373186
3.246997		1.893262	-866.770963	
0.25000		1.300945	-70.755161	0.373186
3.246997		1.433474	-779.596296	
0.50000		1.300945	-70.755161	0.373186
3.246997		0.973686	-692.421628	
0.75000		1.300945	-70.755161	0.373186
3.246997		0.513898	-605.246961	
1.00000		1.300945	-70.755161	0.373186
3.246997		0.054109	-518.072293	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.335581	70.755161	0.373186
3.246997		2.300580	866.770963	
0.25000		3.335581	70.755161	0.373186
3.246997		1.853636	779.596296	
0.50000		3.335581	70.755161	0.373186
3.246997		1.406693	692.421628	
0.75000		3.335581	70.755161	0.373186
3.246997		0.959749	632.227021	
1.00000		3.335581	70.755161	0.373186
3.246997		0.573699	575.900289	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.249007	-70.755161	-0.373186
-5.310258		-2.024182	-866.770963	
0.25000		-4.249007	-70.755161	-0.373186
-5.310258		-1.583852	-779.596296	
0.50000		-4.249007	-70.755161	-0.373186
-5.310258		-1.143523	-692.421628	
0.75000		-4.249007	-70.755161	-0.373186
-5.310258		-0.703193	-605.246961	
1.00000		-4.249007	-70.755161	-0.373186
-5.310258		-0.262864	-518.072293	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
308

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 137 ========== LENGTH = 4.928063

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.232835	3.829067	0.026537
-0.122912		0.612525	81.420814	
0.25000		-4.232835	3.829067	0.026537
-0.122912		0.579830	76.703343	
0.50000		-4.232835	3.829067	0.026537
-0.122912		0.547136	71.985872	
0.75000		-4.232835	3.829067	0.026537
-0.122912		0.514441	67.268401	
1.00000		-4.232835	3.829067	0.026537
-0.122912		0.481747	62.550931	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.288731	-21.427226	0.002686
0.019947		0.637670	-454.147092	
0.25000		-0.288731	-21.427226	0.002686
0.019947		-0.640980	-427.748410	
0.50000		-0.288731	-21.427226	0.002686
0.019947		-0.644289	-401.349728	
0.75000		-0.288731	-21.427226	0.002686
0.019947		-0.647598	-374.951045	
1.00000		-0.288731	-21.427226	0.002686
0.019947		-0.650907	-348.552363	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.868064	45.148385	-0.337780
-4.656210		-1.386943	575.991637	
0.25000		2.868064	45.148385	-0.337780
-4.656210		-0.970793	520.368110	
0.50000		2.868064	45.148385	-0.337780
-4.656210		-0.554642	464.744584	
0.75000		2.868064	45.148385	-0.337780
-4.656210		-0.138491	409.121058	
1.00000		2.868064	45.148385	-0.337780
-4.656210		0.277660	353.497532	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.057236	-44.928208	0.344623
3.176156		1.873751	-89.057846	
0.25000		2.057236	-44.928208	0.344623
3.176156		1.449171	-33.705581	
0.50000		2.057236	-44.928208	0.344623
3.176156		1.024590	21.646683	
0.75000		2.057236	-44.928208	0.344623
3.176156		0.600010	76.998948	
1.00000		2.057236	-44.928208	0.344623
3.176156		0.175429	132.351213	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.497301	21.187957	-0.035204
1.903035		-0.629513	-139.244659	
0.25000		-0.497301	21.187957	-0.035204
1.903035		-0.576141	-165.348558	
0.50000		-0.497301	21.187957	-0.035204
1.903035		-0.542769	-191.452457	
0.75000		-0.497301	21.187957	-0.035204
1.903035		-0.499397	-217.556356	
1.00000		-0.497301	21.187957	-0.035204
1.903035		-0.456025	-243.660255	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.093567	-3.809975	-0.000861
-0.320017		0.167850	25.037146	
0.25000		0.093567	-3.809975	-0.000861
-0.320017		0.168912	29.731095	
0.50000		0.093567	-3.809975	-0.000861
-0.320017		0.169973	34.425044	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
309

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.093567	-3.809975	-0.000861
-0.320017		0.171035	39.118994	
1.00000		0.093567	-3.809975	-0.000861
-0.320017		0.172096	43.812943	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.862072	70.165409	-0.346447
-2.876086		-1.403931	518.167792	
0.25000		-1.862072	70.165409	-0.346447
-2.876086		-0.977103	431.722896	
0.50000		-1.862072	70.165409	-0.346447
-2.876086		-0.550275	345.278000	
0.75000		-1.862072	70.165409	-0.346447
-2.876086		-0.123446	258.833104	
1.00000		-1.862072	70.165409	-0.346447
-2.876086		0.303382	172.388208	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.862072	-70.165409	0.346447
2.876086		1.403931	-518.167792	
0.25000		1.862072	-70.165409	0.346447
2.876086		0.977103	-431.722896	
0.50000		1.862072	-70.165409	0.346447
2.876086		0.550275	-345.278000	
0.75000		1.862072	-70.165409	0.346447
2.876086		0.123446	-258.833104	
1.00000		1.862072	-70.165409	0.346447
2.876086		-0.303382	-172.388208	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.868064	70.165409	0.346447
3.176156		1.873751	575.991637	
0.25000		2.868064	70.165409	0.346447
3.176156		1.449171	520.368110	
0.50000		2.868064	70.165409	0.346447
3.176156		1.024590	464.744584	
0.75000		2.868064	70.165409	0.346447
3.176156		0.600010	409.121058	
1.00000		2.868064	70.165409	0.346447
3.176156		0.481747	353.497532	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.232835	-70.165409	-0.346447
-4.656210		-1.403931	-518.167792	
0.25000		-4.232835	-70.165409	-0.346447
-4.656210		-0.977103	-431.722896	
0.50000		-4.232835	-70.165409	-0.346447
-4.656210		-0.644289	-401.349728	
0.75000		-4.232835	-70.165409	-0.346447
-4.656210		-0.647598	-374.951045	
1.00000		-4.232835	-70.165409	-0.346447
-4.656210		-0.650907	-348.552363	

ELEM 138 ========== LENGTH = 4.929000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.228980	3.822044	0.027042
0.169930		0.490951	62.550256	
0.25000		-4.228980	3.822044	0.027042
0.169930		0.457629	57.840543	
0.50000		-4.228980	3.822044	0.027042
0.169930		0.424306	53.130829	
0.75000		-4.228980	3.822044	0.027042
0.169930		0.390984	48.421116	
1.00000		-4.228980	3.822044	0.027042
0.169930		0.357661	43.711403	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
310

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.253852	-21.266122	0.009306
-1.054422		-0.566668	-348.554656	
0.25000		-0.253852	-21.266122	0.009306
-1.054422		-0.578135	-322.349477	
0.50000		-0.253852	-21.266122	0.009306
-1.054422		-0.589603	-296.144299	
0.75000		-0.253852	-21.266122	0.009306
-1.054422		-0.601071	-269.939120	
1.00000		-0.253852	-21.266122	0.009306
-1.054422		-0.612538	-243.733942	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.330466	44.925149	-0.333943
-3.798380		-1.015761	353.596250	
0.25000		2.330466	44.925149	-0.333943
-3.798380		-0.604260	298.237235	
0.50000		2.330466	44.925149	-0.333943
-3.798380		-0.192759	242.878220	
0.75000		2.330466	44.925149	-0.333943
-3.798380		0.218742	187.519205	
1.00000		2.330466	44.925149	-0.333943
-3.798380		0.630243	132.160190	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.622106	-44.920458	0.325331
3.810922		1.534645	132.252105	
0.25000		2.622106	-44.920458	0.325331
3.810922		1.133755	187.605399	
0.50000		2.622106	-44.920458	0.325331
3.810922		0.732865	242.958573	
0.75000		2.622106	-44.920458	0.325331
3.810922		0.331976	298.311807	
1.00000		2.622106	-44.920458	0.325331
3.810922		-0.068914	353.665042	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.578973	21.263575	-0.026407
1.031056		-0.652756	-243.655858	
0.25000		-0.578973	21.263575	-0.026407
1.031056		-0.620216	-269.857898	
0.50000		-0.578973	21.263575	-0.026407
1.031056		-0.587676	-296.059938	
0.75000		-0.578973	21.263575	-0.026407
1.031056		-0.555136	-322.261978	
1.00000		-0.578973	21.263575	-0.026407
1.031056		-0.522597	-348.464019	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.109233	-3.824188	-0.001330
-0.159106	0.209589	43.811903	
0.25000	0.109233	-3.824188	-0.001330
-0.159106	0.211228	48.524259	
0.50000	0.109233	-3.824188	-0.001330
-0.159106	0.212867	53.236615	
0.75000	0.109233	-3.824188	-0.001330
-0.159106	0.214506	57.948970	
1.00000	0.109233	-3.824188	-0.001330
-0.159106	0.216145	62.661326	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.477487	70.010768	-0.333308
-2.597394	-1.177566	172.490648	
0.25000	-2.477487	70.010768	-0.333308
-2.597394	-0.766848	86.219880	
0.50000	-2.477487	70.010768	-0.333308
-2.597394	-0.356129	-0.050889	
0.75000	-2.477487	70.010768	-0.333308
-2.597394	0.054589	-86.321657	
1.00000	-2.477487	70.010768	-0.333308
-2.597394	0.465308	-172.592426	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.477487	-70.010768	0.333308
2.597394	1.177566	-172.490648	
0.25000	2.477487	-70.010768	0.333308
2.597394	0.766848	-86.219880	
0.50000	2.477487	-70.010768	0.333308
2.597394	0.356129	0.050889	
0.75000	2.477487	-70.010768	0.333308
2.597394	-0.054589	86.321657	
1.00000	2.477487	-70.010768	0.333308
2.597394	-0.465308	172.592426	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.622106	70.010768	0.333308
3.810922	1.534645	353.596250	
0.25000	2.622106	70.010768	0.333308
3.810922	1.133755	298.237235	
0.50000	2.622106	70.010768	0.333308
3.810922	0.732865	242.958573	
0.75000	2.622106	70.010768	0.333308
3.810922	0.331974	298.311807	
1.00000	2.622106	70.010768	0.333308
3.810922	0.630243	353.665042	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.228980	-70.010768	-0.333943
-3.798380	-1.177566	-348.554656	
0.25000	-4.228980	-70.010768	-0.333943
-3.798380	-0.766848	-322.349477	
0.50000	-4.228980	-70.010768	-0.333943
-3.798380	-0.589603	-296.144299	
0.75000	-4.228980	-70.010768	-0.333943
-3.798380	-0.601071	-322.261978	
1.00000	-4.228980	-70.010768	-0.333943
-3.798380	-0.612538	-348.464019	

ELEM 139 ========== LENGTH = 4.928063

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.234920	3.830718	0.026686
0.425717	0.343446	43.710736	
0.25000	-4.234920	3.830718	0.026686
0.425717	0.310569	38.991231	
0.50000	-4.234920	3.830718	0.026686
0.425717	0.277691	34.271726	
0.75000	-4.234920	3.830718	0.026686
0.425717	0.244814	29.552221	
1.00000	-4.234920	3.830718	0.026686
0.425717	0.211936	24.832716	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.174824	-21.194435	0.018770
-1.947586	-0.421923	-243.737797	
0.25000	-0.174824	-21.194435	0.018770
-1.947586	-0.445049	-217.625917	
0.50000	-0.174824	-21.194435	0.018770
-1.947586	-0.468174	-191.514037	
0.75000	-0.174824	-21.194435	0.018770
-1.947586	-0.491299	-165.402156	
1.00000	-0.174824	-21.194435	0.018770
-1.947586	-0.514425	-139.290276	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.756443	44.931880	-0.348172
-3.167797	-0.751041	132.260566	
0.25000	1.756443	44.931880	-0.348172
-3.167797	-0.322087	76.903778	
0.50000	1.756443	44.931880	-0.348172
-3.167797	0.106867	21.546990	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	1.756443	44.931880	-0.348172
-3.167797	0.533521	-33.809798	
1.00000	1.756443	44.931880	-0.348172
-3.167797	0.964774	-89.166586	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.152339	-45.144834	0.324644
4.662773	1.206825	353.567335	
0.25000	3.152339	-45.144834	0.324644
4.662773	0.806858	409.186487	
0.50000	3.152339	-45.144834	0.324644
4.662773	0.406891	464.805638	
0.75000	3.152339	-45.144834	0.324644
4.662773	0.006924	520.424790	
1.00000	3.152339	-45.144834	0.324644
4.662773	-0.393043	576.043942	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.616574	21.431744	-0.021356
-0.008307	-0.613066	-348.461329	
0.25000	-0.616574	21.431744	-0.021356
-0.008307	-0.586755	-374.865578	
0.50000	-0.616574	21.431744	-0.021356
-0.008307	-0.560444	-401.269827	
0.75000	-0.616574	21.431744	-0.021356
-0.008307	-0.534134	-427.674076	
1.00000	-0.616574	21.431744	-0.021356
-0.008307	-0.507823	-454.078324	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117536	-3.855072	-0.000573
0.035201	0.235759	62.660488	
0.25000	0.117536	-3.855072	-0.000573
0.035201	0.236464	67.409999	
0.50000	0.117536	-3.855072	-0.000573
0.035201	0.237170	72.159509	
0.75000	0.117536	-3.855072	-0.000573
0.035201	0.237875	76.909019	
1.00000	0.117536	-3.855072	-0.000573
0.035201	0.238581	81.658530	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.095051	70.194342	-0.342842
-2.750388	-1.020660	-172.490027	
0.25000	-3.095051	70.194342	-0.342842
-2.750388	-0.598273	-258.970569	
0.50000	-3.095051	70.194342	-0.342842
-2.750388	-0.175886	-345.451111	
0.75000	-3.095051	70.194342	-0.342842
-2.750388	0.246500	-431.931653	
1.00000	-3.095051	70.194342	-0.342842
-2.750388	0.668887	-518.412195	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.095051	-70.194342	0.342842
2.750388	1.020660	172.490027	
0.25000	3.095051	-70.194342	0.342842
2.750388	0.598273	258.970569	
0.50000	3.095051	-70.194342	0.342842
2.750388	0.175886	345.451111	
0.75000	3.095051	-70.194342	0.342842
2.750388	-0.246500	431.931653	
1.00000	3.095051	-70.194342	0.342842
2.750388	-0.668887	518.412195	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.152339	70.194342	0.342842
4.662773	1.206825	353.567335	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	3.152339	70.194342	0.342842
4.662773	0.806858	409.186487	
0.50000	3.152339	70.194342	0.342842
4.662773	0.406891	464.805638	
0.75000	3.152339	70.194342	0.342842
4.662773	0.535821	520.424790	
1.00000	3.152339	70.194342	0.342842
4.662773	0.964774	576.043942	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.234920	-70.194342	-0.348172
-3.167797	-1.020660	-348.461329	
0.25000	-4.234920	-70.194342	-0.348172
-3.167797	-0.598273	-374.865578	
0.50000	-4.234920	-70.194342	-0.348172
-3.167797	-0.560444	-401.269827	
0.75000	-4.234920	-70.194342	-0.348172
-3.167797	-0.534134	-427.674076	
1.00000	-4.234920	-70.194342	-0.348172
-3.167797	-0.668887	-518.412195	

ELEM 140 ========== LENGTH = 4.928244

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.248105	3.858241	0.024515
0.647590	0.180481	24.831974	
0.25000	-4.248105	3.858241	0.024515
0.647590	0.150277	20.078387	
0.50000	-4.248105	3.858241	0.024515
0.647590	0.120074	15.324799	
0.75000	-4.248105	3.858241	0.024515
0.647590	0.089870	10.571212	
1.00000	-4.248105	3.858241	0.024515
0.647590	0.059667	5.817625	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067521	-21.187065	0.022999
-2.539869	-0.255635	-139.294846	
0.25000	-0.067521	-21.187065	0.022999
-2.539869	-0.283970	-113.191092	
0.50000	-0.067521	-21.187065	0.022999
-2.539869	-0.312306	-87.087338	
0.75000	-0.067521	-21.187065	0.022999
-2.539869	-0.340642	-60.983584	
1.00000	-0.067521	-21.187065	0.022999
-2.539869	-0.368977	-34.879831	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.179915	45.182037	-0.361786
-2.741985	-0.422564	-89.069227	
0.25000	1.179915	45.182037	-0.361786
-2.741985	0.023178	-144.736248	
0.50000	1.179915	45.182037	-0.361786
-2.741985	0.468920	-200.403269	
0.75000	1.179915	45.182037	-0.361786
-2.741985	0.914662	-256.070290	
1.00000	1.179915	45.182037	-0.361786
-2.741985	1.360403	-311.737311	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.614356	-45.718089	0.343047
5.298603	0.717889	575.953395	
0.25000	3.614356	-45.718089	0.343047
5.298603	0.295235	632.280865	
0.50000	3.614356	-45.718089	0.343047
5.298603	-0.127420	688.608336	
0.75000	3.614356	-45.718089	0.343047
5.298603	-0.550074	744.935806	
1.00000	3.614356	-45.718089	0.343047
5.298603	-0.972729	801.263277	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.594486	21.781749	-0.032059
-0.872925	-0.454030	-454.079538	
0.25000	-0.594486	21.781749	-0.032059
-0.872925	-0.414531	-480.915979	
0.50000	-0.594486	21.781749	-0.032059
-0.872925	-0.375033	-507.752421	
0.75000	-0.594486	21.781749	-0.032059
-0.872925	-0.335534	-534.588862	
1.00000	-0.594486	21.781749	-0.032059
-0.872925	-0.296035	-561.425304	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115841	-3.916873	0.003285
0.208586	0.233859	81.658241	
0.25000	0.115841	-3.916873	0.003285
0.208586	0.229812	86.484067	
0.50000	0.115841	-3.916873	0.003285
0.208586	0.225765	91.309893	
0.75000	0.115841	-3.916873	0.003285
0.208586	0.221718	96.135718	
1.00000	0.115841	-3.916873	0.003285
0.208586	0.217671	100.961544	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.662675	70.822027	-0.369330
-2.967320	-0.696113	-518.316791	
0.25000	-3.662675	70.822027	-0.369330
-2.967320	-0.241076	-605.573841	
0.50000	-3.662675	70.822027	-0.369330
-2.967320	0.213961	-692.830890	
0.75000	-3.662675	70.822027	-0.369330
-2.967320	0.668998	-780.087940	
1.00000	-3.662675	70.822027	-0.369330
-2.967320	1.124035	-867.344990	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.662675	-70.822027	0.369330
2.967320	0.696113	518.316791	
0.25000	3.662675	-70.822027	0.369330
2.967320	0.241076	605.573841	
0.50000	3.662675	-70.822027	0.369330
2.967320	-0.213961	692.830890	
0.75000	3.662675	-70.822027	0.369330
2.967320	-0.668998	780.087940	
1.00000	3.662675	-70.822027	0.369330
2.967320	-1.124035	867.344990	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.662675	70.822027	0.369330
5.298603	0.717889	575.953395	
0.25000	3.662675	70.822027	0.369330
5.298603	0.295235	632.280865	
0.50000	3.662675	70.822027	0.369330
5.298603	0.468920	692.830890	
0.75000	3.662675	70.822027	0.369330
5.298603	0.914662	780.087940	
1.00000	3.662675	70.822027	0.369330
5.298603	1.360403	867.344990	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.248105	-70.822027	-0.369330
-2.967320	-0.696113	-518.316791	
0.25000	-4.248105	-70.822027	-0.369330
-2.967320	-0.414531	-605.573841	
0.50000	-4.248105	-70.822027	-0.369330
-2.967320	-0.375033	-692.830890	
0.75000	-4.248105	-70.822027	-0.369330
-2.967320	-0.668998	-780.087940	
1.00000	-4.248105	-70.822027	-0.369330
-2.967320	-1.124035	-867.344990	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 141 ========== LENGTH = 4.927556

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.265727	3.909050	0.020634
0.853717	0.017763	5.816316	
0.25000	-4.265727	3.909050	0.020634
0.853717	0.007656	1.000800	
0.50000	-4.265727	3.909050	0.020634
0.853717	-0.033074	-3.814715	
0.75000	-4.265727	3.909050	0.020634
0.853717	-0.058492	-8.630230	
1.00000	-4.265727	3.909050	0.020634
0.853717	-0.083911	-13.445746	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051784	-21.239358	0.023095
-2.849083	0.261314	-34.893363	
0.25000	0.051784	-21.239358	0.023095
-2.849083	-0.109765	-8.718832	
0.50000	0.051784	-21.239358	0.023095
-2.849083	-0.138215	17.445698	
0.75000	0.051784	-21.239358	0.023095
-2.849083	-0.166666	43.610228	
1.00000	0.051784	-21.239358	0.023095
-2.849083	-0.195117	69.774758	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.632345	45.707185	-0.378837
-2.451242	0.043229	-311.645339	
0.25000	0.632345	45.707185	-0.378837
-2.451242	0.509914	-367.951514	
0.50000	0.632345	45.707185	-0.378837
-2.451242	0.976600	-424.257690	
0.75000	0.632345	45.707185	-0.378837
-2.451242	1.443285	-480.563865	
1.00000	0.632345	45.707185	-0.378837
-2.451242	1.909971	-536.870040	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.980874	-46.698745	0.385909
5.677398	-0.092696	801.182844	
0.25000	3.980874	-46.698745	0.385909
5.677398	-0.568093	858.710510	
0.50000	3.980874	-46.698745	0.385909
5.677398	-1.043490	916.238176	
0.75000	3.980874	-46.698745	0.385909
5.677398	-1.518887	973.765842	
1.00000	3.980874	-46.698745	0.385909
5.677398	-1.994284	1031.294	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.501636	22.328373	-0.061825
-1.622427	-0.071225	-561.432489	
0.25000	-0.501636	22.328373	-0.061825
-1.622427	0.004936	588.538564	
0.50000	-0.501636	22.328373	-0.061825
-1.622427	0.081097	-616.444639	
0.75000	-0.501636	22.328373	-0.061825
-1.622427	0.157258	-643.950714	
1.00000	-0.501636	22.328373	-0.061825
-1.622427	0.233419	-671.456789	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102359	-4.006505	0.011024
0.391638	0.184244	100.962031	
0.25000	0.102359	-4.006505	0.011024
0.391638	0.170663	105.897600	
0.50000	0.102359	-4.006505	0.011024
0.391638	0.157083	110.833170	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.102359	-4.006505	0.011024
0.391638	0.143503	115.768740	
1.00000	0.102359	-4.006505	0.011024
0.391638	0.129922	120.704309	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.135017	71.944608	-0.420028
-3.219952	-0.010233	-867.261512	
0.25000	-4.135017	71.944608	-0.420028
-3.219952	0.507195	-955.889278	
0.50000	-4.135017	71.944608	-0.420028
-3.219952	1.024623	-1044.517	
0.75000	-4.135017	71.944608	-0.420028
-3.219952	1.542051	-1133.145	
1.00000	-4.135017	71.944608	-0.420028
-3.219952	2.059479	-1221.773	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.135017	-71.944608	0.420028
3.219952	0.010233	867.261512	
0.25000	4.135017	-71.944608	0.420028
3.219952	-0.507195	955.889278	
0.50000	4.135017	-71.944608	0.420028
3.219952	-1.024623	1044.517	
0.75000	4.135017	-71.944608	0.420028
3.219952	-1.542051	1133.145	
1.00000	4.135017	-71.944608	0.420028
3.219952	-2.059479	1221.773	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.135017	71.944608	0.420028
5.677398	0.184244	867.261512	
0.25000	4.135017	71.944608	0.420028
5.677398	0.509914	955.889278	
0.50000	4.135017	71.944608	0.420028
5.677398	1.024623	1044.517	
0.75000	4.135017	71.944608	0.420028
5.677398	1.542051	1133.145	
1.00000	4.135017	71.944608	0.420028
5.677398	2.059479	1221.773	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.265727	-71.944608	-0.420028
-3.219952	-0.092696	-867.261512	
0.25000	-4.265727	-71.944608	-0.420028
-3.219952	-0.568093	-955.889278	
0.50000	-4.265727	-71.944608	-0.420028
-3.219952	-1.043490	-1044.517	
0.75000	-4.265727	-71.944608	-0.420028
-3.219952	-1.542051	-1133.145	
1.00000	-4.265727	-71.944608	-0.420028
-3.219952	-2.059479	-1221.773	

ELEM 142 ========== LENGTH = 4.928994

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.285206	3.984360	0.013766
1.037048	-0.130015	-13.447792	
0.25000	-4.285206	3.984360	0.013766
1.037048	-0.146978	-18.357514	
0.50000	-4.285206	3.984360	0.013766
1.037048	-0.163942	-23.267236	
0.75000	-4.285206	3.984360	0.013766
1.037048	-0.180905	-28.176958	
1.00000	-4.285206	3.984360	0.013766
1.037048	-0.197869	-33.086680	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.168369	-21.351093	0.019344
-2.841586	0.086121	69.772365	
0.25000	0.168369	-21.351093	0.019344
-2.841586	0.062285	96.082220	
0.50000	0.168369	-21.351093	0.019344
-2.841586	0.038448	122.392074	
0.75000	0.168369	-21.351093	0.019344
-2.841586	0.014611	148.701929	
1.00000	0.168369	-21.351093	0.019344
-2.841586	-0.009226	175.011783	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.142567	46.660516	-0.360714
-1.913301	0.731552	-536.788581	
0.25000	0.142567	46.660516	-0.360714
-1.913301	1.176042	-594.285935	
0.50000	0.142567	46.660516	-0.360714
-1.913301	1.620531	-651.783290	
0.75000	0.142567	46.660516	-0.360714
-1.913301	2.065021	-709.280644	
1.00000	0.142567	46.660516	-0.360714
-1.913301	2.509511	-766.777998	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.227637	-48.413894	0.376572
4.903042	-1.403136	1031.232	
0.25000	4.227637	-48.413894	0.376572
4.903042	-1.867166	1090.890	
0.50000	4.227637	-48.413894	0.376572
4.903042	-2.331197	1150.547	
0.75000	4.227637	-48.413894	0.376572
4.903042	-2.795228	1210.205	
1.00000	4.227637	-48.413894	0.376572
4.903042	-3.259258	1269.863	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.329111	23.265229	-0.065030
-1.717260	0.651079	-671.473496	
0.25000	-0.329111	23.265229	-0.065030
-1.717260	0.731213	-700.142041	
0.50000	-0.329111	23.265229	-0.065030
-1.717260	0.811346	-728.810586	
0.75000	-0.329111	23.265229	-0.065030
-1.717260	0.891480	-757.479131	
1.00000	-0.329111	23.265229	-0.065030
-1.717260	0.971613	-786.147676	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.075745	-4.145117	0.016062
0.532056		0.064398	120.705914	
0.25000		0.075745	-4.145117	0.016062
0.532056		0.044606	125.813729	
0.50000		0.075745	-4.145117	0.016062
0.532056		0.024814	130.921543	
0.75000		0.075745	-4.145117	0.016062
0.532056		0.005021	136.029357	
1.00000		0.075745	-4.145117	0.016062
0.532056		-0.014771	141.137171	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.471750	73.910105	-0.411978
-2.593512		1.252616	-1221.710	
0.25000		-4.471750	73.910105	-0.411978
-2.593512		1.760276	-1312.785	
0.50000		-4.471750	73.910105	-0.411978
-2.593512		2.267936	-1403.861	
0.75000		-4.471750	73.910105	-0.411978
-2.593512		2.775596	-1494.937	
1.00000		-4.471750	73.910105	-0.411978
-2.593512		3.283255	-1586.012	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
318

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.471750	-73.910105	0.411978
2.593512		-1.252616	1221.710	
0.25000		4.471750	-73.910105	0.411978
2.593512		-1.760276	1312.785	
0.50000		4.471750	-73.910105	0.411978
2.593512		-2.267936	1403.861	
0.75000		4.471750	-73.910105	0.411978
2.593512		-2.775596	1494.937	
1.00000		4.471750	-73.910105	0.411978
2.593512		-3.283255	1586.012	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.471750	73.910105	0.411978
4.903042		1.252616	1221.710	
0.25000		4.471750	73.910105	0.411978
4.903042		1.760276	1312.785	
0.50000		4.471750	73.910105	0.411978
4.903042		2.267936	1403.861	
0.75000		4.471750	73.910105	0.411978
4.903042		2.775596	1494.937	
1.00000		4.471750	73.910105	0.411978
4.903042		3.283255	1586.012	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.471750	-73.910105	-0.411978
-2.841586		-1.403136	-1221.710	
0.25000		-4.471750	-73.910105	-0.411978
-2.841586		-1.867166	-1312.785	
0.50000		-4.471750	-73.910105	-0.411978
-2.841586		-2.331197	-1403.861	
0.75000		-4.471750	-73.910105	-0.411978
-2.841586		-2.795228	-1494.937	
1.00000		-4.471750	-73.910105	-0.411978
-2.841586		-3.283255	-1586.012	

ELEM 143 ========== LENGTH = 3.448999

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.305543	4.067462	0.005913
1.168914		-0.245110	-33.088213	
0.25000		-4.305543	4.067462	0.005913
1.168914		-0.250208	-36.595381	
0.50000		-4.305543	4.067462	0.005913
1.168914		-0.255307	-40.102549	
0.75000		-4.305543	4.067462	0.005913
1.168914		-0.260405	-43.609717	
1.00000		-4.305543	4.067462	0.005913
1.168914		-0.265504	-47.116885	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.277523	-21.536841	0.000482
-2.727459		0.250181	175.007275	
0.25000		0.277523	-21.536841	0.000482
-2.727459		0.249765	193.577410	
0.50000		0.277523	-21.536841	0.000482
-2.727459		0.249350	212.147545	
0.75000		0.277523	-21.536841	0.000482
-2.727459		0.248934	230.717680	
1.00000		0.277523	-21.536841	0.000482
-2.727459		0.248519	249.287816	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.294696	48.040905	-0.198933
-0.351639		1.472074	-766.710808	
0.25000		-0.294696	48.040905	-0.198933
-0.351639		1.643604	-808.134064	
0.50000		-0.294696	48.040905	-0.198933
-0.351639		1.815134	-849.557320	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
319

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.294696	48.040905	-0.198933
-0.351639		1.986564	-890.980577	
1.00000		-0.294696	48.040905	-0.198933
-0.351639		2.158194	-932.403833	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.342154	-50.847294	0.163486
1.714343		-2.989990	1269.833	
0.25000		4.342154	-50.847294	0.163486
1.714343		-3.130955	1313.676	
0.50000		4.342154	-50.847294	0.163486
1.714343		-3.271921	1357.519	
0.75000		4.342154	-50.847294	0.163486
1.714343		-3.412886	1401.362	
1.00000		4.342154	-50.847294	0.163486
1.714343		-3.553851	1445.205	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.051157	24.579038	0.022527
-0.379682		1.633783	-786.182563	
0.25000		-0.051157	24.579038	0.022527
-0.379682		1.614359	-807.375832	
0.50000		-0.051157	24.579038	0.022527
-0.379682		1.594935	-828.569101	
0.75000		-0.051157	24.579038	0.022527
-0.379682		1.575511	-849.762370	
1.00000		-0.051157	24.579038	0.022527
-0.379682		1.556087	-870.955638	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.031719	-4.303270	0.006525
0.575524		-0.120938	141.141254	
0.25000		0.031719	-4.303270	0.006525
0.575524		-0.126565	144.851748	
0.50000		0.031719	-4.303270	0.006525
0.575524		-0.132191	148.562241	
0.75000		0.031719	-4.303270	0.006525
0.575524		-0.137818	152.272735	
1.00000		0.031719	-4.303270	0.006525
0.575524		-0.143444	155.983229	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.651396	76.687406	-0.170493
0.437592		2.860747	-1585.982	
0.25000		-4.651396	76.687406	-0.170493
0.437592		3.007755	-1652.105	
0.50000		-4.651396	76.687406	-0.170493
0.437592		3.154762	-1718.229	
0.75000		-4.651396	76.687406	-0.170493
0.437592		3.301769	-1784.353	
1.00000		-4.651396	76.687406	-0.170493
0.437592		3.448776	-1850.476	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.651396	-76.687406	0.170493
-0.437592		-2.860747	1585.982	
0.25000		4.651396	-76.687406	0.170493
-0.437592		-3.007755	1652.105	
0.50000		4.651396	-76.687406	0.170493
-0.437592		-3.154762	1718.229	
0.75000		4.651396	-76.687406	0.170493
-0.437592		-3.301769	1784.353	
1.00000		4.651396	-76.687406	0.170493
-0.437592		-3.448776	1850.476	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.651396	76.687406	0.170493
1.714343		2.860747	1585.982	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
320

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		4.651396	76.687406	0.170493
1.714343		3.007755	1652.105	
0.50000		4.651396	76.687406	0.170493
1.714343		3.154762	1718.229	
0.75000		4.651396	76.687406	0.170493
1.714343		3.301769	1784.353	
1.00000		4.651396	76.687406	0.170493
1.714343		3.448776	1850.476	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.651396	-76.687406	-0.198933
-2.727459		-2.989990	-1585.982	
0.25000		-4.651396	-76.687406	-0.198933
-2.727459		-3.130955	-1652.105	
0.50000		-4.651396	-76.687406	-0.198933
-2.727459		-3.271921	-1718.229	
0.75000		-4.651396	-76.687406	-0.198933
-2.727459		-3.412886	-1784.353	
1.00000		-4.651396	-76.687406	-0.198933
-2.727459		-3.553851	-1850.476	

ELEM 144 ========== LENGTH = 3.450336

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.028334	-0.916563	-0.003569
1.065227		-0.311661	-41.961452	
0.25000		-0.028334	-0.916563	-0.003569
1.065227		-0.308582	-47.170839	
0.50000		-0.028334	-0.916563	-0.003569
1.065227		-0.305504	-40.380227	
0.75000		-0.028334	-0.916563	-0.003569
1.065227		-0.302425	-39.589614	
1.00000		-0.028334	-0.916563	-0.003569
1.065227		-0.299347	-38.799001	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.067196	6.442478	-0.009345
-2.367299		0.481591	248.911799	
0.25000		0.067196	6.442478	-0.009345
-2.367299		0.489652	243.354621	
0.50000		0.067196	6.442478	-0.009345
-2.367299		0.497713	237.797443	
0.75000		0.067196	6.442478	-0.009345
-2.367299		0.505774	232.240265	
1.00000		0.067196	6.442478	-0.009345
-2.367299		0.513835	226.683087	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.011963	-25.813179	-0.008846
1.467401		1.233926	-931.538361	
0.25000		-0.011963	-25.813179	-0.008846
1.467401		1.241557	-909.272327	
0.50000		-0.011963	-25.813179	-0.008846
1.467401		1.249187	-887.006294	
0.75000		-0.011963	-25.813179	-0.008846
1.467401		1.256817	-864.740260	
1.00000		-0.011963	-25.813179	-0.008846
1.467401		1.264447	-842.474226	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.229982	49.765997	-0.170430
-2.434169		-3.538416	1445.064	
0.25000		4.229982	49.765997	-0.170430
-2.434169		-3.391406	1402.136	
0.50000		4.229982	49.765997	-0.170430
-2.434169		-3.244396	1359.209	
0.75000		4.229982	49.765997	-0.170430
-2.434169		-3.097386	1316.282	
1.00000		4.229982	49.765997	-0.170430
-2.434169		-2.950376	1273.354	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
321

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.544670	-42.411751	0.212027
1.548574		2.416976	-870.735204	
0.25000		0.544670	-42.411751	0.212027
1.548574		2.234085	-834.151509	
0.50000		0.544670	-42.411751	0.212027
1.548574		2.051194	-797.567814	
0.75000		0.544670	-42.411751	0.212027
1.548574		1.868303	-760.984118	
1.00000		0.544670	-42.411751	0.212027
1.548574		1.685412	-724.400423	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.801550	12.933019	-0.019837
0.720266		-0.228217	150.259338	
0.25000		-4.801550	12.933019	-0.019837
0.720266		-0.265305	139.103824	
0.50000		-4.801550	12.933019	-0.019837
0.720266		-0.248194	127.948009	
0.75000		-4.801550	12.933019	-0.019837
0.720266		-0.231082	116.792195	
1.00000		-4.801550	12.933019	-0.019837
0.720266		-0.213971	105.636381	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.504373	-69.141493	0.199612
4.081202		3.339242	-1844.235	
0.25000		0.504373	-69.141493	0.199612
4.081202		3.167059	-1784.595	
0.50000		0.504373	-69.141493	0.199612
4.081202		2.994877	-1724.954	
0.75000		0.504373	-69.141493	0.199612
4.081202		2.822694	-1665.314	
1.00000		0.504373	-69.141493	0.199612
4.081202		2.650512	-1605.674	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.504373	69.141493	-0.199612
-4.081202		-3.339242	1844.235	
0.25000		-0.504373	69.141493	-0.199612
-4.081202		-3.167059	1784.595	
0.50000		-0.504373	69.141493	-0.199612
-4.081202		-2.994877	1724.954	
0.75000		-0.504373	69.141493	-0.199612
-4.081202		-2.822694	1665.314	
1.00000		-0.504373	69.141493	-0.199612
-4.081202		-2.650512	1605.674	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.229982	69.141493	0.212027
4.081202		3.339242	1844.235	
0.25000		4.229982	69.141493	0.212027
4.081202		3.167059	1784.595	
0.50000		4.229982	69.141493	0.212027
4.081202		2.994877	1724.954	
0.75000		4.229982	69.141493	0.212027
4.081202		2.822694	1665.314	
1.00000		4.229982	69.141493	0.212027
4.081202		2.650512	1605.674	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.801550	-69.141493	-0.199612
-4.081202		-3.538416	-1844.235	
0.25000		-4.801550	-69.141493	-0.199612
-4.081202		-3.391406	-1784.595	
0.50000		-4.801550	-69.141493	-0.199612
-4.081202		-3.244396	-1724.954	
0.75000		-4.801550	-69.141493	-0.199612
-4.081202		-3.097386	-1665.314	
1.00000		-4.801550	-69.141493	-0.199612
-4.081202		-2.950376	-1605.674	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
322

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 145 ========== LENGTH = 4.927534

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.043788	-0.962297	-0.011339
0.754647		-0.334869	-38.800640	
0.25000		-0.043788	-0.962297	-0.011339
0.754647		-0.320901	-37.615202	
0.50000		-0.043788	-0.962297	-0.011339
0.754647		-0.306934	-36.429765	
0.75000		-0.043788	-0.962297	-0.011339
0.754647		-0.292966	-35.244327	
1.00000		-0.043788	-0.962297	-0.011339
0.754647		-0.278998	-34.058890	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.142339	6.323321	-0.001248
-1.795673		0.692549	226.681490	
0.25000		0.142339	6.323321	-0.001248
-1.795673		0.694086	218.891895	
0.50000		0.142339	6.323321	-0.001248
-1.795673		0.695624	211.102300	
0.75000		0.142339	6.323321	-0.001248
-1.795673		0.697161	203.312705	
1.00000		0.142339	6.323321	-0.001248
-1.795673		0.698699	195.523111	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.311134	-24.482767	0.064566
2.394256		0.551995	-842.442813	
0.25000		-0.311134	-24.482767	0.064566
2.394256		0.472457	-812.282897	
0.50000		-0.311134	-24.482767	0.064566
2.394256		0.392918	-782.122981	
0.75000		-0.311134	-24.482767	0.064566
2.394256		0.313380	-751.963065	
1.00000		-0.311134	-24.482767	0.064566
2.394256		0.233842	-721.803150	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.127363	47.340562	-0.384429
-5.256924		-3.190939	1273.390	
0.25000		4.127363	47.340562	-0.384429
-5.256924		-2.717368	1215.072	
0.50000		4.127363	47.340562	-0.384429
-5.256924		-2.243797	1156.754	
0.75000		4.127363	47.340562	-0.384429
-5.256924		-1.770226	1098.436	
1.00000		4.127363	47.340562	-0.384429
-5.256924		-1.296655	1040.118	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.953565	-41.089563	0.383123
2.930957		2.655042	-724.470981	
0.25000		0.953565	-41.089563	0.383123
2.930957		2.180079	-673.853428	
0.50000		0.953565	-41.089563	0.383123
2.930957		1.711117	-623.235875	
0.75000		0.953565	-41.089563	0.383123
2.930957		1.239154	-572.618322	
1.00000		0.953565	-41.089563	0.383123
2.930957		0.767191	-522.000769	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.868344	12.870744	-0.050674
0.972737		-0.373776	105.642485	
0.25000		-4.868344	12.870744	-0.050674
0.972737		-0.311352	89.787229	
0.50000		-4.868344	12.870744	-0.050674
0.972737		-0.248928	73.931973	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
323

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-4.868344	12.870744	-0.050674
0.972737		-0.186503	58.076716	
1.00000		-4.868344	12.870744	-0.050674
0.972737		-0.124079	42.221460	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.598643	-66.534628	0.436351
6.079859		2.872167	-1605.714	
0.25000		0.598643	-66.534628	0.436351
6.079859		2.334634	-1523.752	
0.50000		0.598643	-66.534628	0.436351
6.079859		1.797101	-1441.789	
0.75000		0.598643	-66.534628	0.436351
6.079859		1.259568	-1359.826	
1.00000		0.598643	-66.534628	0.436351
6.079859		0.722035	-1277.863	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.598643	66.534628	-0.436351
-6.079859		-2.872167	1605.714	
0.25000		-0.598643	66.534628	-0.436351
-6.079859		-2.334634	1523.752	
0.50000		-0.598643	66.534628	-0.436351
-6.079859		-1.797101	1441.789	
0.75000		-0.598643	66.534628	-0.436351
-6.079859		-1.259568	1359.826	
1.00000		-0.598643	66.534628	-0.436351
-6.079859		-0.722035	1277.863	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.127363	66.534628	0.436351
6.079859		2.872167	1605.714	
0.25000		4.127363	66.534628	0.436351
6.079859		2.334634	1523.752	
0.50000		4.127363	66.534628	0.436351
6.079859		1.797101	1441.789	
0.75000		4.127363	66.534628	0.436351
6.079859		1.259568	1359.826	
1.00000		4.127363	66.534628	0.436351
6.079859		0.767191	1277.863	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.868344	-66.534628	-0.436351
-6.079859		-3.190939	-1605.714	
0.25000		-4.868344	-66.534628	-0.436351
-6.079859		-2.717368	-1523.752	
0.50000		-4.868344	-66.534628	-0.436351
-6.079859		-2.243797	-1441.789	
0.75000		-4.868344	-66.534628	-0.436351
-6.079859		-1.770226	-1359.826	
1.00000		-4.868344	-66.534628	-0.436351
-6.079859		-1.296655	-1277.863	

ELEM 146 ========== LENGTH = 4.928362

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.053487	-1.012221	-0.009181
0.416256		-0.301279	-34.060435	
0.25000		-0.053487	-1.012221	-0.009181
0.416256		-0.289968	-32.813287	
0.50000		-0.053487	-1.012221	-0.009181
0.416256		-0.278656	-31.566138	
0.75000		-0.053487	-1.012221	-0.009181
0.416256		-0.267344	-30.318990	
1.00000		-0.053487	-1.012221	-0.009181
0.416256		-0.256032	-29.071842	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
324

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.188428	6.232287	0.005134
-1.141943		0.809818	195.523563	
0.25000		0.188428	6.232287	0.005134
-1.141943		0.803493	187.844822	
0.50000		0.188428	6.232287	0.005134
-1.141943		0.797168	180.166082	
0.75000		0.188428	6.232287	0.005134
-1.141943		0.790843	172.487341	
1.00000		0.188428	6.232287	0.005134
-1.141943		0.784517	164.808600	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.497464	-23.540824	0.057707
2.180103		-0.216837	-721.786774	
0.25000		-0.497464	-23.540824	0.057707
2.180103		-0.287937	-692.782351	
0.50000		-0.497464	-23.540824	0.057707
2.180103		-0.359037	-663.777927	
0.75000		-0.497464	-23.540824	0.057707
2.180103		-0.430137	-634.773503	
1.00000		-0.497464	-23.540824	0.057707
2.180103		-0.501236	-605.769079	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.891479	45.632632	-0.391077
-6.164763		-1.861778	1040.179	
0.25000		3.891479	45.632632	-0.391077
-6.164763		-1.379935	983.955390	
0.50000		3.891479	45.632632	-0.391077
-6.164763		-0.898093	927.731861	
0.75000		3.891479	45.632632	-0.391077
-6.164763		-0.416251	871.508333	
1.00000		3.891479	45.632632	-0.391077
-6.164763		0.065592	815.284804	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.413334	-40.173401	0.402652
3.538605		1.873409	-522.082241	
0.25000		1.413334	-40.173401	0.402652
3.538605		1.377305	-472.584978	
0.50000		1.413334	-40.173401	0.402652
3.538605		0.881201	-423.087715	
0.75000		1.413334	-40.173401	0.402652
3.538605		0.385097	-373.590453	
1.00000		1.413334	-40.173401	0.402652
3.538605		-0.111007	-324.093190	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.942290	12.861528	-0.065235
1.171743		-0.303333	42.226969	
0.25000		-4.942290	12.861528	-0.065235
1.171743		-0.222958	26.380403	
0.50000		-4.942290	12.861528	-0.065235
1.171743		-0.142583	10.533838	
0.75000		-4.942290	12.861528	-0.065235
1.171743		-0.062208	-5.312728	
1.00000		-4.942290	12.861528	-0.065235
1.171743		0.018167	-21.159294	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.862383	-64.726447	0.451178
6.134963		1.355292	-1277.929	
0.25000		0.862383	-64.726447	0.451178
6.134963		0.799400	-1198.181	
0.50000		0.862383	-64.726447	0.451178
6.134963		0.243508	-1118.432	
0.75000		0.862383	-64.726447	0.451178
6.134963		-0.312384	-1038.683	
1.00000		0.862383	-64.726447	0.451178
6.134963		-0.868276	-958.934110	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.862383	64.726447	-0.451178
-6.134963		-1.355292	1277.929	
0.25000		-0.862383	64.726447	-0.451178
-6.134963		-0.799400	1198.181	
0.50000		-0.862383	64.726447	-0.451178
-6.134963		-0.243508	1118.432	
0.75000		-0.862383	64.726447	-0.451178
-6.134963		0.312384	1038.683	
1.00000		-0.862383	64.726447	-0.451178
-6.134963		0.868276	958.934110	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.891479	64.726447	0.451178
6.134963		1.873409	1277.929	
0.25000		3.891479	64.726447	0.451178
6.134963		1.377305	1198.181	
0.50000		3.891479	64.726447	0.451178
6.134963		0.881201	1118.432	
0.75000		3.891479	64.726447	0.451178
6.134963		0.790843	1038.683	
1.00000		3.891479	64.726447	0.451178
6.134963		0.868276	958.934110	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.942290	-64.726447	-0.451178
-6.164763		-1.861778	-1277.929	
0.25000		-4.942290	-64.726447	-0.451178
-6.164763		-1.379935	-1198.181	
0.50000		-4.942290	-64.726447	-0.451178
-6.164763		-0.898093	-1118.432	
0.75000		-4.942290	-64.726447	-0.451178
-6.164763		-0.430137	-1038.683	
1.00000		-4.942290	-64.726447	-0.451178
-6.164763		-0.868276	-958.934110	

ELEM 147 ========== LENGTH = 4.928349

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.058593	-1.049990	-0.006312
0.132375		-0.267489	-29.072535	
0.25000		-0.058593	-1.049990	-0.006312
0.132375		-0.259712	-27.778855	
0.50000		-0.058593	-1.049990	-0.006312
0.132375		-0.251935	-26.485175	
0.75000		-0.058593	-1.049990	-0.006312
0.132375		-0.244159	-25.191495	
1.00000		-0.058593	-1.049990	-0.006312
0.132375		-0.236382	-23.897816	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.212257	6.182002	0.010978
-0.488625		0.841772	164.809333	
0.25000		0.212257	6.182002	0.010978
-0.488625		0.828246	157.192567	
0.50000		0.212257	6.182002	0.010978
-0.488625		0.814720	149.575801	
0.75000		0.212257	6.182002	0.010978
-0.488625		0.801194	141.959036	
1.00000		0.212257	6.182002	0.010978
-0.488625		0.787669	134.342270	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.598538	-22.995655	0.026909
1.183322		-0.745595	-605.763209	
0.25000		-0.598538	-22.995655	0.026909
1.183322		-0.778749	-577.430555	
0.50000		-0.598538	-22.995655	0.026909
1.183322		-0.811903	-549.097901	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.598538	-22.995655	0.026909
1.183322		-0.845058	-520.765247	
1.00000		-0.598538	-22.995655	0.026909
1.183322		-0.878212	-492.432592	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.534331	44.655156	-0.344120
-5.696442		-0.791892	815.366634	
0.25000		3.534331	44.655156	-0.344120
-5.696442		-0.367906	760.347585	
0.50000		3.534331	44.655156	-0.344120
-5.696442		0.056080	705.328535	
0.75000		3.534331	44.655156	-0.344120
-5.696442		0.480065	650.309485	
1.00000		3.534331	44.655156	-0.344120
-5.696442		0.904051	595.290436	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.931321	-39.667633	0.381821
3.707463		1.134709	-324.186345	
0.25000		1.931321	-39.667633	0.381821
3.707463		0.664272	-275.312359	
0.50000		1.931321	-39.667633	0.381821
3.707463		0.193835	-226.438373	
0.75000		1.931321	-39.667633	0.381821
3.707463		-0.276603	-177.564387	
1.00000		1.931321	-39.667633	0.381821
3.707463		-0.747040	-128.690400	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.020777	12.876121	-0.069277
1.161907		-0.171506	-21.153878	
0.25000		-5.020777	12.876121	-0.069277
1.161907		-0.086151	-37.018383	
0.50000		-5.020777	12.876121	-0.069277
1.161907		-0.000796	-52.882888	
0.75000		-5.020777	12.876121	-0.069277
1.161907		0.084560	-68.747392	
1.00000		-5.020777	12.876121	-0.069277
1.161907		0.169915	-84.611897	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.274189	-63.713279	0.402419
5.023161		0.121626	-959.022089	
0.25000		1.274189	-63.713279	0.402419
5.023161		-0.374189	-880.521769	
0.50000		1.274189	-63.713279	0.402419
5.023161		-0.870004	-802.021449	
0.75000		1.274189	-63.713279	0.402419
5.023161		-1.365819	-723.521129	
1.00000		1.274189	-63.713279	0.402419
5.023161		-1.861634	-645.020808	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.274189	63.713279	-0.402419
-5.023161		-0.121626	959.022089	
0.25000		-1.274189	63.713279	-0.402419
-5.023161		0.374189	880.521769	
0.50000		-1.274189	63.713279	-0.402419
-5.023161		0.870004	802.021449	
0.75000		-1.274189	63.713279	-0.402419
-5.023161		1.365819	723.521129	
1.00000		-1.274189	63.713279	-0.402419
-5.023161		1.861634	645.020808	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.534331	63.713279	0.402419
5.023161		1.134709	959.022089	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		3.534331	63.713279	0.402419
5.023161		0.828246	880.521769	
0.50000		3.534331	63.713279	0.402419
5.023161		0.870004	802.021449	
0.75000		3.534331	63.713279	0.402419
5.023161		1.365819	723.521129	
1.00000		3.534331	63.713279	0.402419
5.023161		1.861634	645.020808	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.020777	-63.713279	-0.402419
-5.696442		-0.791892	-959.022089	
0.25000		-5.020777	-63.713279	-0.402419
-5.696442		-0.778749	-880.521769	
0.50000		-5.020777	-63.713279	-0.402419
-5.696442		-0.870004	-802.021449	
0.75000		-5.020777	-63.713279	-0.402419
-5.696442		-1.365819	-723.521129	
1.00000		-5.020777	-63.713279	-0.402419
-5.696442		-1.861634	-645.020808	

ELEM 148 ========== LENGTH = 4.928464

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.059649	-1.071613	-0.005084
-0.077416		-0.238281	-23.897830	
0.25000		-0.059649	-1.071613	-0.005084
-0.077416		-0.232017	-22.577480	
0.50000		-0.059649	-1.071613	-0.005084
-0.077416		-0.225752	-21.257129	
0.75000		-0.059649	-1.071613	-0.005084
-0.077416		-0.219487	-19.936778	
1.00000		-0.059649	-1.071613	-0.005084
-0.077416		-0.213223	-18.616427	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.216125	6.140420	0.013611
0.061226		0.796749	134.342828	
0.25000		0.216125	6.140420	0.013611
0.061226		0.779978	126.777119	
0.50000		0.216125	6.140420	0.013611
0.061226		0.763207	119.211410	
0.75000		0.216125	6.140420	0.013611
0.061226		0.746437	111.645701	
1.00000		0.216125	6.140420	0.013611
0.061226		0.729666	104.079992	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.623550	-22.641787	0.016398
0.024432		-0.938829	-492.432197	
0.25000		-0.623550	-22.641787	0.016398
0.024432		-0.959034	-464.534892	
0.50000		-0.623550	-22.641787	0.016398
0.024432		-0.979239	-436.637587	
0.75000		-0.623550	-22.641787	0.016398
0.024432		-0.999443	-408.740283	
1.00000		-0.623550	-22.641787	0.016398
0.024432		-1.019648	-380.842978	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.079305	44.078536	-0.329876
-4.847789		-0.189838	595.382971	
0.25000		3.079305	44.078536	-0.329876
-4.847789		0.216608	541.073106	
0.50000		3.079305	44.078536	-0.329876
-4.847789		0.623054	486.763242	
0.75000		3.079305	44.078536	-0.329876
-4.847789		1.029500	432.453377	
1.00000		3.079305	44.078536	-0.329876
-4.847789		1.435946	378.143512	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.482322	-39.422271	0.371737
3.900617		0.578325	-128.789172	
0.25000		2.482322	-39.422271	0.371737
3.900617		0.120301	-80.216366	
0.50000		2.482322	-39.422271	0.371737
3.900617		-0.337723	-31.643560	
0.75000		2.482322	-39.422271	0.371737
3.900617		-0.795746	16.929246	
1.00000		2.482322	-39.422271	0.371737
3.900617		-1.253770	65.502052	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.094552	12.916714	-0.066786
0.938930		-0.008125	-84.606599	
0.25000		-5.094552	12.916714	-0.066786
0.938930		0.074163	-100.521487	
0.50000		-5.094552	12.916714	-0.066786
0.938930		0.156452	-116.436375	
0.75000		-5.094552	12.916714	-0.066786
0.938930		0.238741	-132.351263	
1.00000		-5.094552	12.916714	-0.066786
0.938930		0.321029	-148.266151	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.799122	-63.135670	0.383051
3.847633		-0.598786	-645.119200	
0.25000		1.799122	-63.135670	0.383051
3.847633		-1.070749	-567.328738	
0.50000		1.799122	-63.135670	0.383051
3.847633		-1.542713	-489.538277	
0.75000		1.799122	-63.135670	0.383051
3.847633		-2.014677	-411.747815	
1.00000		1.799122	-63.135670	0.383051
3.847633		-2.486641	-333.957353	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.799122	63.135670	-0.383051
-3.847633		0.598786	645.119200	
0.25000		-1.799122	63.135670	-0.383051
-3.847633		1.070749	567.328738	
0.50000		-1.799122	63.135670	-0.383051
-3.847633		1.542713	489.538277	
0.75000		-1.799122	63.135670	-0.383051
-3.847633		2.014677	411.747815	
1.00000		-1.799122	63.135670	-0.383051
-3.847633		2.486641	333.957353	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.079305	63.135670	0.383051
3.900617		0.796749	645.119200	
0.25000		3.079305	63.135670	0.383051
3.900617		1.070749	567.328738	
0.50000		3.079305	63.135670	0.383051
3.900617		1.542713	489.538277	
0.75000		3.079305	63.135670	0.383051
3.900617		2.014677	432.453377	
1.00000		3.079305	63.135670	0.383051
3.900617		2.486641	378.143512	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.094552	-63.135670	-0.383051
-4.847789		-0.938829	-645.119200	
0.25000		-5.094552	-63.135670	-0.383051
-4.847789		-1.070749	-567.328738	
0.50000		-5.094552	-63.135670	-0.383051
-4.847789		-1.542713	-489.538277	
0.75000		-5.094552	-63.135670	-0.383051
-4.847789		-2.014677	-411.747815	
1.00000		-5.094552	-63.135670	-0.383051
-4.847789		-2.486641	-381.842978	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 149 ========== LENGTH = 4.927654

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.057321	-1.084699	-0.005381
-0.225224		-0.207097	-18.616051	
0.25000		-0.057321	-1.084699	-0.005381
-0.225224		-0.200467	-17.279795	
0.50000		-0.057321	-1.084699	-0.005381
-0.225224		-0.193838	-15.943539	
0.75000		-0.057321	-1.084699	-0.005381
-0.225224		-0.187209	-14.607283	
1.00000		-0.057321	-1.084699	-0.005381
-0.225224		-0.180580	-13.271027	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.203062	6.124158	0.014422
0.513294		0.691750	104.084656	
0.25000		0.203062	6.124158	0.014422
0.513294		0.680083	96.536062	
0.50000		0.203062	6.124158	0.014422
0.513294		0.662316	88.991628	
0.75000		0.203062	6.124158	0.014422
0.513294		0.644549	81.447194	
1.00000		0.203062	6.124158	0.014422
0.513294		0.626782	73.902760	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.584126	-22.478008	0.022913
-1.134720		-0.924554	-380.846001	
0.25000		-0.584126	-22.478008	0.022913
-1.134720		-0.952781	-353.155037	
0.50000		-0.584126	-22.478008	0.022913
-1.134720		-0.981008	-325.464073	
0.75000		-0.584126	-22.478008	0.022913
-1.134720		-1.009234	-297.773110	
1.00000		-0.584126	-22.478008	0.022913
-1.134720		-1.037461	-270.082146	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.553870	43.857218	-0.337538
-3.926751		0.171424	378.240695	
0.25000		2.553870	43.857218	-0.337538
-3.926751		0.587242	324.212392	
0.50000		2.553870	43.857218	-0.337538
-3.926751		1.003060	270.184090	
0.75000		2.553870	43.857218	-0.337538
-3.926751		1.418878	216.155788	
1.00000		2.553870	43.857218	-0.337538
-3.926751		1.834696	162.127486	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.037769	-39.409791	0.364748
4.203251		0.082863	65.402251	
0.25000		3.037769	-39.409791	0.364748
4.203251		-0.366675	113.951707	
0.50000		3.037769	-39.409791	0.364748
4.203251		-0.815814	162.501163	
0.75000		3.037769	-39.409791	0.364748
4.203251		-1.265152	211.050620	
1.00000		3.037769	-39.409791	0.364748
4.203251		-1.714491	259.600076	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.153255	12.991122	-0.059164
0.570150		0.179514	-148.261390	
0.25000		-5.153255	12.991122	-0.059164
0.570150		0.252399	-164.265530	
0.50000		-5.153255	12.991122	-0.059164
0.570150		0.325283	-180.269669	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-5.153255	12.991122	-0.059164
0.570150		0.398168	-196.273209	
1.00000		-5.153255	12.991122	-0.059164
0.570150		0.471053	-212.277149	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.396323	-62.972498	0.382280
2.843307		-1.048787	-334.059800	
0.25000		2.396323	-62.972498	0.382280
2.843307		-1.519723	-256.483124	
0.50000		2.396323	-62.972498	0.382280
2.843307		-1.990659	-178.906449	
0.75000		2.396323	-62.972498	0.382280
2.843307		-2.461595	-101.329773	
1.00000		2.396323	-62.972498	0.382280
2.843307		-2.932531	-23.753097	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.396323	62.972498	-0.382280
-2.843307		1.048787	334.059800	
0.25000		-2.396323	62.972498	-0.382280
-2.843307		1.519723	256.483124	
0.50000		-2.396323	62.972498	-0.382280
-2.843307		1.990659	178.906449	
0.75000		-2.396323	62.972498	-0.382280
-2.843307		2.461595	101.329773	
1.00000		-2.396323	62.972498	-0.382280
-2.843307		2.932531	23.753097	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.037769	62.972498	0.382280
4.203251		1.048787	378.240695	
0.25000		3.037769	62.972498	0.382280
4.203251		1.519723	324.212392	
0.50000		3.037769	62.972498	0.382280
4.203251		1.990659	270.184090	
0.75000		3.037769	62.972498	0.382280
4.203251		2.461595	216.155788	
1.00000		3.037769	62.972498	0.382280
4.203251		2.932531	259.600076	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.153255	-62.972498	-0.382280
-3.926751		-1.048787	-380.846001	
0.25000		-5.153255	-62.972498	-0.382280
-3.926751		-1.519723	-353.155037	
0.50000		-5.153255	-62.972498	-0.382280
-3.926751		-1.990659	-325.464073	
0.75000		-5.153255	-62.972498	-0.382280
-3.926751		-2.461595	-297.773110	
1.00000		-5.153255	-62.972498	-0.382280
-3.926751		-2.932531	-270.082146	

ELEM 150 ========== LENGTH = 4.927961

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.052483	-1.090809	-0.006375
-0.321012		-0.168503	-13.270422	
0.25000		-0.052483	-1.090809	-0.006375
-0.321012		-0.160650	-11.926556	
0.50000		-0.052483	-1.090809	-0.006375
-0.321012		-0.152796	-10.582691	
0.75000		-0.052483	-1.090809	-0.006375
-0.321012		-0.144942	-9.238825	
1.00000		-0.052483	-1.090809	-0.006375
-0.321012		-0.137088	-7.894960	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.177434	6.117616	0.015317
0.852990		0.564661	73.903145	
0.25000		0.177434	6.117616	0.015317
0.852990		0.545791	66.366301	
0.50000		0.177434	6.117616	0.015317
0.852990		0.526921	58.829457	
0.75000		0.177434	6.117616	0.015317
0.852990		0.508050	51.292614	
1.00000		0.177434	6.117616	0.015317
0.852990		0.489180	43.755770	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.496770	-22.408376	0.031026
-2.116832		-0.826805	-270.086788	
0.25000		-0.496770	-22.408376	0.031026
-2.116832		-0.865029	-242.479886	
0.50000		-0.496770	-22.408376	0.031026
-2.116832		-0.903254	-214.872985	
0.75000		-0.496770	-22.408376	0.031026
-2.116832		-0.941478	-187.266084	
1.00000		-0.496770	-22.408376	0.031026
-2.116832		-0.979702	-159.659183	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.989918	43.869226	-0.347713
-3.150194		0.477374	162.225985	
0.25000		1.989918	43.869226	-0.347713
-3.150194		0.905752	108.179526	
0.50000		1.989918	43.869226	-0.347713
-3.150194		1.334131	54.133067	
0.75000		1.989918	43.869226	-0.347713
-3.150194		1.762509	0.086608	
1.00000		1.989918	43.869226	-0.347713
-3.150194		2.190888	-53.959851	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.568755	-39.615690	0.359440
4.591913		-0.436963	259.502059	
0.25000		3.568755	-39.615890	0.359440
4.591913		-0.879790	308.308449	
0.50000		3.568755	-39.615890	0.359440
4.591913		-1.322617	357.114839	
0.75000		3.568755	-39.615690	0.359440
4.591913		-1.765444	405.921229	
1.00000		3.568755	-39.615890	0.359440
4.591913		-2.208271	454.727619	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.186854	13.128232	-0.051696
0.143136		0.390237	-212.273979	
0.25000		-5.186854	13.128232	-0.051696
0.143136		0.453926	-228.447833	
0.50000		-5.186854	13.128232	-0.051696
0.143136		0.517615	-244.621688	
0.75000		-5.186854	13.128232	-0.051696
0.143136		0.581304	-260.795542	
1.00000		-5.186854	13.128232	-0.051696
0.143136		0.644993	-276.969396	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.019501	-63.115074	0.384092
2.154069		-1.432272	-23.855150	
0.25000		3.019501	-63.115074	0.384092
2.154069		-1.905469	53.902006	
0.50000		3.019501	-63.115074	0.384092
2.154069		-2.378667	131.659163	
0.75000		3.019501	-63.115074	0.384092
2.154069		-2.851864	209.416320	
1.00000		3.019501	-63.115074	0.384092
2.154069		-3.325061	287.173477	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
332

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.019501	63.115074	-0.384092
-2.154069		1.432272	-23.855150	
0.25000		-3.019501	63.115074	-0.384092
-2.154069		1.905469	-53.902006	
0.50000		-3.019501	63.115074	-0.384092
-2.154069		2.378667	-131.659163	
0.75000		-3.019501	63.115074	-0.384092
-2.154069		2.851864	-209.416320	
1.00000		-3.019501	63.115074	-0.384092
-2.154069		3.325061	-287.173477	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.568755	63.115074	0.384092
4.591913		1.432272	259.502059	
0.25000		3.568755	63.115074	0.384092
4.591913		1.905469	308.308449	
0.50000		3.568755	63.115074	0.384092
4.591913		2.378667	357.114839	
0.75000		3.568755	63.115074	0.384092
4.591913		2.851864	405.921229	
1.00000		3.568755	63.115074	0.384092
4.591913		3.325061	454.727619	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.186854	-63.115074	-0.384092
-3.150194		-1.432272	-270.086788	
0.25000		-5.186854	-63.115074	-0.384092
-3.150194		-1.905469	-242.479886	
0.50000		-5.186854	-63.115074	-0.384092
-3.150194		-2.378667	-244.621688	
0.75000		-5.186854	-63.115074	-0.384092
-3.150194		-2.851864	-260.795542	
1.00000		-5.186854	-63.115074	-0.384092
-3.150194		-3.325061	-287.173477	

ELEM 151 ========== LENGTH = 4.928509

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.045984	-1.092948	-0.007480
-0.377510		-0.121068	-7.894076	
0.25000		-0.045984	-1.092948	-0.007480
-0.377510		-0.111852	-6.547425	
0.50000		-0.045984	-1.092948	-0.007480
-0.377510		-0.102635	-5.200774	
0.75000		-0.045984	-1.092948	-0.007480
-0.377510		-0.093419	-3.854124	
1.00000		-0.045984	-1.092948	-0.007480
-0.377510		-0.084202	-2.507473	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.143607	6.118676	0.016636
1.091163		0.407279	43.755542	
0.25000		0.143607	6.118676	0.016636
1.091163		0.386781	36.216554	
0.50000		0.143607	6.118676	0.016636
1.091163		0.366284	28.677567	
0.75000		0.143607	6.118676	0.016636
1.091163		0.345786	21.138580	
1.00000		0.143607	6.118676	0.016636
1.091163		0.325289	13.599593	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.378016	-22.400687	0.034420
-2.876957		-0.693440	-159.663128	
0.25000		-0.378016	-22.400687	0.034420
-2.876957		-0.735851	-132.062634	
0.50000		-0.378016	-22.400687	0.034420
-2.876957		-0.778261	-104.462140	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
333

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.378016	-22.400687	0.034420
-2.876957		-0.820571	-76.861645	
1.00000		-0.378016	-22.400687	0.034420
-2.876957		-0.863082	-49.261151	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.419143	44.122257	-0.359977
-2.551483		0.818168	-53.862492	
0.25000		1.419143	44.122257	-0.359977
-2.551483		1.261706	-108.226723	
0.50000		1.419143	44.122257	-0.359977
-2.551483		1.705244	-162.590953	
0.75000		1.419143	44.122257	-0.359977
-2.551483		2.148782	-216.955184	
1.00000		1.419143	44.122257	-0.359977
-2.551483		2.592320	-271.319415	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.046676	-40.155250	0.368869
4.938416		-1.059951	454.633449	
0.25000		4.046676	-40.155250	0.368869
4.938416		-1.514444	504.109823	
0.50000		4.046676	-40.155250	0.368869
4.938416		-1.968937	553.586198	
0.75000		4.046676	-40.155250	0.368869
4.938416		-2.423431	603.062572	
1.00000		4.046676	-40.155250	0.368869
4.938416		-2.877924	652.538946	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.185426	13.407952	-0.052467
-0.223629		0.649013	-276.969294	
0.25000		-5.185426	13.407952	-0.052467
-0.223629		0.713659	-293.489596	
0.50000		-5.185426	13.407952	-0.052467
-0.223629		0.778306	-310.009897	
0.75000		-5.185426	13.407952	-0.052467
-0.223629		0.842952	-326.530199	
1.00000		-5.185426	13.407952	-0.052467
-0.223629		0.907599	-343.050500	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.622676	-63.648885	0.395809
1.683949		-1.874460	287.076245	
0.25000		3.622676	-63.648885	0.395809
1.683949		-2.362147	365.499764	
0.50000		3.622676	-63.648885	0.395809
1.683949		-2.849834	443.923284	
0.75000		3.622676	-63.648885	0.395809
1.683949		-3.337520	522.346803	
1.00000		3.622676	-63.648885	0.395809
1.683949		-3.825207	600.770323	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.622676	63.648885	-0.395809
-1.683949		1.874460	-287.076245	
0.25000		-3.622676	63.648885	-0.395809
-1.683949		2.362147	-365.499764	
0.50000		-3.622676	63.648885	-0.395809
-1.683949		2.849834	-443.923284	
0.75000		-3.622676	63.648885	-0.395809
-1.683949		3.337520	-522.346803	
1.00000		-3.622676	63.648885	-0.395809
-1.683949		3.825207	-600.770323	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.046676	63.648885	0.395809
4.938416		1.874460	454.633449	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
334

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		4.046676	63.648885	0.395809
4.938416		2.362147	504.109823	
0.50000		4.046676	63.648885	0.395809
4.938416		2.849834	553.586198	
0.75000		4.046676	63.648885	0.395809
4.938416		3.337520	603.062572	
1.00000		4.046676	63.648885	0.395809
4.938416		3.825207	652.538946	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.185426	-63.648885	-0.395809
-2.876957		-1.874460	-287.076245	
0.25000		-5.185426	-63.648885	-0.395809
-2.876957		-2.362147	-365.499764	
0.50000		-5.185426	-63.648885	-0.395809
-2.876957		-2.849834	-443.923284	
0.75000		-5.185426	-63.648885	-0.395809
-2.876957		-3.337520	-522.346803	
1.00000		-5.185426	-63.648885	-0.395809
-2.876957		-3.825207	-600.770323	

ELEM 152 ========== LENGTH = 4.928061

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.038692	-1.092951	-0.008165
-0.394212		-0.066326	-2.506657	
0.25000		-0.038692	-1.092951	-0.008165
-0.394212		-0.056266	-4.160124	
0.50000		-0.038692	-1.092951	-0.008165
-0.394212		-0.046207	0.186409	
0.75000		-0.038692	-1.092951	-0.008165
-0.394212		-0.036147	1.532941	
1.00000		-0.038692	-1.092951	-0.008165
-0.394212		-0.026088	2.879474	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.106248	6.130911	0.017007
1.199557		0.234873	13.599408	
0.25000		0.106248	6.130911	0.017007
1.199557		0.213920	6.046032	
0.50000		0.106248	6.130911	0.017007
1.199557		0.192967	-1.507344	
0.75000		0.106248	6.130911	0.017007
1.199557		0.172014	-9.060720	
1.00000		0.106248	6.130911	0.017007
1.199557		0.151061	-16.614095	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.245671	-22.459777	0.035222
-3.275904		-0.544002	-49.265222	
0.25000		-0.245671	-22.459777	0.035222
-3.275904		-0.587396	-21.594432	
0.50000		-0.245671	-22.459777	0.035222
-3.275904		-0.630790	6.076358	
0.75000		-0.245671	-22.459777	0.035222
-3.275904		-0.674184	33.747149	
1.00000		-0.245671	-22.459777	0.035222
-3.275904		-0.717578	61.417939	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.875119	44.648474	-0.381564
-1.989976		1.283720	-271.229844	
0.25000		0.875119	44.648474	-0.381564
-1.989976		1.753813	-326.237449	
0.50000		0.875119	44.648474	-0.381564
-1.989976		2.223906	-381.245055	
0.75000		0.875119	44.648474	-0.381564
-1.989976		2.693999	-436.252660	
1.00000		0.875119	44.648474	-0.381564
-1.989976		3.164093	-491.260265	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
335

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.444516	-41.083095	0.403457
4.644096		-1.922513	652.458076	
0.25000		4.444516	-41.083095	0.403457
4.644096		-2.419578	703.073080	
0.50000		4.444516	-41.083095	0.403457
4.644096		-2.916643	753.688084	
0.75000		4.444516	-41.083095	0.403457
4.644096		-3.413708	804.303088	
1.00000		4.444516	-41.083095	0.403457
4.644096		-3.910772	854.918092	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.141520	13.856439	-0.065956
-0.183561		1.141048	-343.055762	
0.25000		-5.141520	13.856439	-0.065956
-0.183561		1.095507	-360.127108	
0.50000		-5.141520	13.856439	-0.065956
-0.183561		1.176766	-377.198453	
0.75000		-5.141520	13.856439	-0.065956
-0.183561		1.258025	-394.269798	
1.00000		-5.141520	13.856439	-0.065956
-0.183561		1.339284	-411.341144	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.160153	-64.635824	0.430514
0.973980		-2.532840	600.686197	
0.25000		4.160153	-64.635824	0.430514
0.973980		-3.063240	680.318524	
0.50000		4.160153	-64.635824	0.430514
0.973980		-3.593639	759.950851	
0.75000		4.160153	-64.635824	0.430514
0.973980		-4.124039	839.583178	
1.00000		4.160153	-64.635824	0.430514
0.973980		-4.654438	919.215505	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.160153	64.635824	-0.430514
-0.973980		2.532840	-600.686197	
0.25000		-4.160153	64.635824	-0.430514
-0.973980		3.063240	-680.318524	
0.50000		-4.160153	64.635824	-0.430514
-0.973980		3.593639	-759.950851	
0.75000		-4.160153	64.635824	-0.430514
-0.973980		4.124039	-839.583178	
1.00000		-4.160153	64.635824	-0.430514
-0.973980		4.654438	-919.215505	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.444516	64.635824	0.430514
4.644096		2.532840	652.458076	
0.25000		4.444516	64.635824	0.430514
4.644096		3.063240	703.073080	
0.50000		4.444516	64.635824	0.430514
4.644096		3.593639	759.950851	
0.75000		4.444516	64.635824	0.430514
4.644096		4.124039	839.583178	
1.00000		4.444516	64.635824	0.430514
4.644096		4.654438	919.215505	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.141520	-64.635824	-0.430514
-3.275904		-2.532840	-600.686197	
0.25000		-5.141520	-64.635824	-0.430514
-3.275904		-3.063240	-680.318524	
0.50000		-5.141520	-64.635824	-0.430514
-3.275904		-3.593639	-759.950851	
0.75000		-5.141520	-64.635824	-0.430514
-3.275904		-4.124039	-839.583178	
1.00000		-5.141520	-64.635824	-0.430514
-3.275904		-4.654438	-919.215505	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
336

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 153 ========== LENGTH = 4.928729

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.031364	-1.091393	-0.007899
-0.377492		-0.008150	2.880282	
0.25000		-0.031364	-1.091393	-0.007899
-0.377492		0.001582	4.225077	
0.50000		-0.031364	-1.091393	-0.007899
-0.377492		0.011315	5.569873	
0.75000		-0.031364	-1.091393	-0.007899
-0.377492		0.021047	6.914668	
1.00000		-0.031364	-1.091393	-0.007899
-0.377492		0.030780	8.259463	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.069500	6.155024	0.016020
1.199909		0.062055	-16.611595	
0.25000		0.069500	6.155024	0.016020
1.199909		0.042316	-24.198706	
0.50000		0.069500	6.155024	0.016020
1.199909		0.022577	-31.782818	
0.75000		0.069500	6.155024	0.016020
1.199909		0.002838	-39.366929	
1.00000		0.069500	6.155024	0.016020
1.199909		-0.016901	-46.951040	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.115600	-22.584947	0.029003
-3.373227		-0.403681	61.415255	
0.25000		-0.115600	-22.584947	0.029003
-3.373227		-0.439418	89.244026	
0.50000		-0.115600	-22.584947	0.029003
-3.373227		-0.475155	117.072798	
0.75000		-0.115600	-22.584947	0.029003
-3.373227		-0.510892	144.901570	
1.00000		-0.115600	-22.584947	0.029003
-3.373227		-0.546630	172.730341	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.386461	45.592614	-0.359794
-1.132915		1.987992	-491.181431	
0.25000		0.386461	45.592614	-0.359794
-1.132915		2.431324	-547.359844	
0.50000		0.386461	45.592614	-0.359794
-1.132915		2.874656	-603.538257	
0.75000		0.386461	45.592614	-0.359794
-1.132915		3.317988	-659.716670	
1.00000		0.386461	45.592614	-0.359794
-1.132915		3.761320	-715.895082	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.740178	-42.701557	0.378139
3.134713		-3.201344	854.855232	
0.25000		4.740178	-42.701557	0.378139
3.134713		-3.667280	907.471335	
0.50000		4.740178	-42.701557	0.378139
3.134713		-4.133216	960.087437	
0.75000		4.740178	-42.701557	0.378139
3.134713		-4.599152	1012.704	
1.00000		4.740178	-42.701557	0.378139
3.134713		-5.065089	1065.320	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.049175	14.630259	-0.055469
0.549012		1.563128	-411.354741	
0.25000		-5.049175	14.630259	-0.055469
0.549012		1.631476	-429.381887	
0.50000		-5.049175	14.630259	-0.055469
0.549012		1.699824	-447.409033	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
337

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-5.049175	14.630259	-0.055469
0.549012		1.768172	-465.436179	
1.00000		-5.049175	14.630259	-0.055469
0.549012		1.836520	-483.463325	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.593214	-66.377896	0.399244
-0.616006		-3.613175	919.150768	
0.25000		4.593214	-66.377896	0.399244
-0.616006		-4.105116	1000.940	
0.50000		4.593214	-66.377896	0.399244
-0.616006		-4.597057	1082.730	
0.75000		4.593214	-66.377896	0.399244
-0.616006		-5.088998	1164.520	
1.00000		4.593214	-66.377896	0.399244
-0.616006		-5.580939	1246.309	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.593214	66.377896	-0.399244
0.616006		3.613175	-919.150768	
0.25000		-4.593214	66.377896	-0.399244
0.616006		4.105116	-1000.940	
0.50000		-4.593214	66.377896	-0.399244
0.616006		4.597057	-1082.730	
0.75000		-4.593214	66.377896	-0.399244
0.616006		5.088998	-1164.520	
1.00000		-4.593214	66.377896	-0.399244
0.616006		5.580939	-1246.309	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.740178	66.377896	0.399244
3.134713		3.613175	919.150768	
0.25000		4.740178	66.377896	0.399244
3.134713		4.105116	1000.940	
0.50000		4.740178	66.377896	0.399244
3.134713		4.597057	1082.730	
0.75000		4.740178	66.377896	0.399244
3.134713		5.088998	1164.520	
1.00000		4.740178	66.377896	0.399244
3.134713		5.580939	1246.309	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.049175	-66.377896	-0.399244
-3.373227		-3.613175	-919.150768	
0.25000		-5.049175	-66.377896	-0.399244
-3.373227		-4.105116	-1000.940	
0.50000		-5.049175	-66.377896	-0.399244
-3.373227		-4.597057	-1082.730	
0.75000		-5.049175	-66.377896	-0.399244
-3.373227		-5.088998	-1164.520	
1.00000		-5.049175	-66.377896	-0.399244
-3.373227		-5.580939	-1246.309	

ELEM 154 ========== LENGTH = 3.449042

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.024017	-1.090138	-0.006397
0.337052		0.048410	8.259997	
0.25000		-0.024017	-1.090138	-0.006397
0.337052		0.053926	9.199980	
0.50000		-0.024017	-1.090138	-0.006397
0.337052		0.059442	10.139963	
0.75000		-0.024017	-1.090138	-0.006397
0.337052		0.064958	11.079946	
1.00000		-0.024017	-1.090138	-0.006397
0.337052		0.070474	12.019929	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
338

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.034067	6.197516	0.016163
1.127732		-0.101327	-46.951109	
0.25000		0.034067	6.197516	0.016163
1.127732		-0.115264	-52.294983	
0.50000		0.034067	6.197516	0.016163
1.127732		-0.129201	-57.638856	
0.75000		0.034067	6.197516	0.016163
1.127732		-0.143138	-62.982729	
1.00000		0.034067	6.197516	0.016163
1.127732		-0.157075	-68.326602	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008447	-22.796226	-0.000845
-3.277314		-0.251871	172.727238	
0.25000		0.008447	-22.796226	-0.000845
-3.277314		-0.251142	192.383523	
0.50000		0.008447	-22.796226	-0.000845
-3.277314		-0.250413	212.039807	
0.75000		0.008447	-22.796226	-0.000845
-3.277314		-0.249684	231.696092	
1.00000		0.008447	-22.796226	-0.000845
-3.277314		-0.248955	251.352377	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.055824	46.977371	-0.184001
0.331707		2.712826	-715.828924	
0.25000		-0.055824	46.977371	-0.184001
0.331707		2.871483	-756.335654	
0.50000		-0.055824	46.977371	-0.184001
0.331707		3.030139	-796.842384	
0.75000		-0.055824	46.977371	-0.184001
0.331707		3.188796	-837.349114	
1.00000		-0.055824	46.977371	-0.184001
0.331707		3.347453	-877.855844	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.929535	-45.025385	0.148092
-0.018581		-4.618312	1065.283	
0.25000		4.929535	-45.025385	0.148092
-0.018581		-4.746006	1104.107	
0.50000		4.929535	-45.025385	0.148092
-0.018581		-4.873699	1142.930	
0.75000		4.929535	-45.025385	0.148092
-0.018581		-5.001393	1181.754	
1.00000		4.929535	-45.025385	0.148092
-0.018581		-5.129087	1220.578	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.892208	15.736863	0.026989
2.173508		2.210275	-483.490462	
0.25000		-4.892208	15.736863	0.026989
2.173508		2.187004	-497.059737	
0.50000		-4.892208	15.736863	0.026989
2.173508		2.163733	-510.629012	
0.75000		-4.892208	15.736863	0.026989
2.173508		2.140461	-524.198287	
1.00000		-4.892208	15.736863	0.026989
2.173508		2.117190	-537.767562	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.913965	-68.911750	0.140849
-3.632947		-4.821773	1246.270	
0.25000		4.913965	-68.911750	0.140849
-3.632947		-4.943222	1305.690	
0.50000		4.913965	-68.911750	0.140849
-3.632947		-5.064671	1365.110	
0.75000		4.913965	-68.911750	0.140849
-3.632947		-5.186120	1424.530	
1.00000		4.913965	-68.911750	0.140849
-3.632947		-5.307569	1483.950	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
339

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.913965	68.911750	-0.140849
3.632947		4.821773	-1246.270	
0.25000		-4.913965	68.911750	-0.140849
3.632947		4.943222	-1305.690	
0.50000		-4.913965	68.911750	-0.140849
3.632947		5.064671	-1365.110	
0.75000		-4.913965	68.911750	-0.140849
3.632947		5.186120	-1424.530	
1.00000		-4.913965	68.911750	-0.140849
3.632947		5.307569	-1483.950	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.929535	68.911750	0.148092
3.632947		4.821773	1246.270	
0.25000		4.929535	68.911750	0.148092
3.632947		4.943222	1305.690	
0.50000		4.929535	68.911750	0.148092
3.632947		5.064671	1365.110	
0.75000		4.929535	68.911750	0.148092
3.632947		5.186120	1424.530	
1.00000		4.929535	68.911750	0.148092
3.632947		5.307569	1483.950	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.913965	-68.911750	-0.184001
-3.632947		-4.821773	-1246.270	
0.25000		-4.913965	-68.911750	-0.184001
-3.632947		-4.943222	-1305.690	
0.50000		-4.913965	-68.911750	-0.184001
-3.632947		-5.064671	-1365.110	
0.75000		-4.913965	-68.911750	-0.184001
-3.632947		-5.186120	-1424.530	
1.00000		-4.913965	-68.911750	-0.184001
-3.632947		-5.307569	-1483.950	

ELEM 155 ========== LENGTH = 3.449978

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.016860	0.220708	-0.002853
-0.272976		0.087364	12.209078	
0.25000		-0.016860	0.220708	-0.002853
-0.272976		0.089824	11.829619	
0.50000		-0.016860	0.220708	-0.002853
-0.272976		0.092284	11.639259	
0.75000		-0.016860	0.220708	-0.002853
-0.272976		0.094745	11.448899	
1.00000		-0.016860	0.220708	-0.002853
-0.272976		0.097205	11.258539	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000893	-1.394554	0.011390
0.996560		-0.235021	-68.325613	
0.25000		0.000893	-1.394554	0.011390
0.996560		-0.244845	-67.122818	
0.50000		0.000893	-1.394554	0.011390
0.996560		-0.254669	-65.920023	
0.75000		0.000893	-1.394554	0.011390
0.996560		-0.264492	-64.717228	
1.00000		0.000893	-1.394554	0.011390
0.996560		-0.274316	-63.514433	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.122793	5.286235	-0.024001
-3.060735		0.019377	251.347260	
0.25000		0.122793	5.286235	-0.024001
-3.060735		0.040078	246.787912	
0.50000		0.122793	5.286235	-0.024001
-3.060735		0.060779	242.228564	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
340

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.122793	5.286235	-0.024001
-3.060735		0.081180	237.669216	
1.00000		0.122793	5.286235	-0.024001
-3.060735		0.102181	233.109868	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.456627	-20.216180	0.020842
2.616651		2.407803	-877.804288	
0.25000		-0.456627	-20.216180	0.020842
2.616651		2.389827	-860.367945	
0.50000		-0.456627	-20.216180	0.020842
2.616651		2.371851	-842.931602	
0.75000		-0.456627	-20.216180	0.020842
2.616651		2.353875	-825.495260	
1.00000		-0.456627	-20.216180	0.020842
2.616651		2.335899	-808.058917	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.031098	28.955612	-0.176228
-4.765836		-4.890842	1220.571	
0.25000		5.031098	28.955612	-0.176228
-4.765836		-4.738847	1195.597	
0.50000		5.031098	28.955612	-0.176228
-4.765836		-4.586851	1170.623	
0.75000		5.031098	28.955612	-0.176228
-4.765836		-4.434856	1145.649	
1.00000		5.031098	28.955612	-0.176228
-4.765836		-4.282860	1120.675	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.681296	-12.851820	0.170850
4.486336		2.611320	-537.808374	
0.25000		-4.681296	-12.851820	0.170850
4.486336		2.463963	-526.723751	
0.50000		-4.681296	-12.851820	0.170850
4.486336		2.316606	-515.639128	
0.75000		-4.681296	-12.851820	0.170850
4.486336		2.169249	-504.554505	
1.00000		-4.681296	-12.851820	0.170850
4.486336		2.021892	-493.469881	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.137031	34.462555	-0.203082
-8.099547		-4.784102	1483.938	
0.25000		5.137031	34.462555	-0.203082
-8.099547		-4.608945	1454.215	
0.50000		5.137031	34.462555	-0.203082
-8.099547		-4.433788	1424.491	
0.75000		5.137031	34.462555	-0.203082
-8.099547		-4.258631	1394.767	
1.00000		5.137031	34.462555	-0.203082
-8.099547		-4.083474	1365.043	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.137031	-34.462555	0.203082
8.099547		4.784102	-1483.938	
0.25000		-5.137031	-34.462555	0.203082
8.099547		4.608945	-1454.215	
0.50000		-5.137031	-34.462555	0.203082
8.099547		4.433788	-1424.491	
0.75000		-5.137031	-34.462555	0.203082
8.099547		4.258631	-1394.767	
1.00000		-5.137031	-34.462555	0.203082
8.099547		4.083474	-1365.043	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.137031	34.462555	0.203082
8.099547		4.784102	1483.938	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
341

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		5.137031	34.462555	0.203082
8.099547		4.608945	1454.215	
0.50000		5.137031	34.462555	0.203082
8.099547		4.433788	1424.491	
0.75000		5.137031	34.462555	0.203082
8.099547		4.258631	1394.767	
1.00000		5.137031	34.462555	0.203082
8.099547		4.083474	1365.043	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.137031	-34.462555	-0.203082
-8.099547		-4.890842	-1483.938	
0.25000		-5.137031	-34.462555	-0.203082
-8.099547		-4.738847	-1454.215	
0.50000		-5.137031	-34.462555	-0.203082
-8.099547		-4.586851	-1424.491	
0.75000		-5.137031	-34.462555	-0.203082
-8.099547		-4.434856	-1394.767	
1.00000		-5.137031	-34.462555	-0.203082
-8.099547		-4.282860	-1365.043	

ELEM 156 ========== LENGTH = 4.928335

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.010912	0.230137	0.000818
-0.196559		0.111423	11.258643	
0.25000		-0.010912	0.230137	0.000818
-0.196559		0.110415	10.975095	
0.50000		-0.010912	0.230137	0.000818
-0.196559		0.109408	10.691547	
0.75000		-0.010912	0.230137	0.000818
-0.196559		0.108401	10.407999	
1.00000		-0.010912	0.230137	0.000818
-0.196559		0.107393	10.124451	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.025405	-1.379946	0.002761
0.787292		-0.336955	-63.514362	
0.25000		-0.025405	-1.379946	0.002761
0.787292		-0.340358	-61.814153	
0.50000		-0.025405	-1.379946	0.002761
0.787292		-0.343760	-60.113944	
0.75000		-0.025405	-1.379946	0.002761
0.787292		-0.347162	-58.413735	
1.00000		-0.025405	-1.379946	0.002761
0.787292		-0.350565	-56.713525	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.211365	5.156650	-0.024609
-2.538710		0.313124	233.108879	
0.25000		0.211365	5.156650	-0.024609
-2.538710		0.343444	226.755454	
0.50000		0.211365	5.156650	-0.024609
-2.538710		0.373764	220.402029	
0.75000		0.211365	5.156650	-0.024609
-2.538710		0.404085	214.048605	
1.00000		0.211365	5.156650	-0.024609
-2.538710		0.434405	207.695180	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.764507	-18.877558	0.103327
3.818691		1.602665	-808.029713	
0.25000		-0.764507	-18.877558	0.103327
3.818691		1.475357	-784.770979	
0.50000		-0.764507	-18.877558	0.103327
3.818691		1.348049	-761.512245	
0.75000		-0.764507	-18.877558	0.103327
3.818691		1.220742	-738.253511	
1.00000		-0.764507	-18.877558	0.103327
3.818691		1.093434	-714.994776	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
342

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.030680	26.703865	-0.367850
-7.836075		-4.280630	1120.703	
0.25000		5.030680	26.703865	-0.367850
-7.836075		-3.827408	1087.802	
0.50000		5.030680	26.703865	-0.367850
-7.836075		-3.374187	1054.900	
0.75000		5.030680	26.703865	-0.367850
-7.836075		-2.920965	1021.999	
1.00000		5.030680	26.703865	-0.367850
-7.836075		-2.467743	989.097476	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.441221	-11.833147	0.285553
5.965360		2.590374	-493.526524	
0.25000		-4.441221	-11.833147	0.285553
5.965360		2.238550	-478.947095	
0.50000		-4.441221	-11.833147	0.285553
5.965360		1.886725	-464.367665	
0.75000		-4.441221	-11.833147	0.285553
5.965360		1.534900	-449.788235	
1.00000		-4.441221	-11.833147	0.285553
5.965360		1.183075	-435.208805	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.231134	32.090651	-0.391641
-10.571344		-3.856084	1365.071	
0.25000		5.231134	32.090651	-0.391641
-10.571344		-3.373549	1325.532	
0.50000		5.231134	32.090651	-0.391641
-10.571344		-2.891014	1285.994	
0.75000		5.231134	32.090651	-0.391641
-10.571344		-2.408479	1246.455	
1.00000		5.231134	32.090651	-0.391641
-10.571344		-1.925945	1206.917	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.231134	-32.090651	0.391641
10.571344		3.856084	-1365.071	
0.25000		-5.231134	-32.090651	0.391641
10.571344		3.373549	-1325.532	
0.50000		-5.231134	-32.090651	0.391641
10.571344		2.891014	-1285.994	
0.75000		-5.231134	-32.090651	0.391641
10.571344		2.408479	-1246.455	
1.00000		-5.231134	-32.090651	0.391641
10.571344		1.925945	-1206.917	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.231134	32.090651	0.391641
10.571344		3.856084	1365.071	
0.25000		5.231134	32.090651	0.391641
10.571344		3.373549	1325.532	
0.50000		5.231134	32.090651	0.391641
10.571344		2.891014	1285.994	
0.75000		5.231134	32.090651	0.391641
10.571344		2.408479	1246.455	
1.00000		5.231134	32.090651	0.391641
10.571344		1.925945	1206.917	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.231134	-32.090651	-0.391641
-10.571344		-4.280630	-1365.071	
0.25000		-5.231134	-32.090651	-0.391641
-10.571344		-3.827408	-1325.532	
0.50000		-5.231134	-32.090651	-0.391641
-10.571344		-3.374187	-1285.994	
0.75000		-5.231134	-32.090651	-0.391641
-10.571344		-2.920965	-1246.455	
1.00000		-5.231134	-32.090651	-0.391641
-10.571344		-2.467743	-1206.917	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
343

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 157 ========== LENGTH = 4.928501

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.006426	0.236085	0.001948
-0.124569		0.118262	10.124621	
0.25000		-0.006426	0.236085	0.001948
-0.124569		0.115862	9.833734	
0.50000		-0.006426	0.236085	0.001948
-0.124569		0.113462	9.542848	
0.75000		-0.006426	0.236085	0.001948
-0.124569		0.111062	9.251962	
1.00000		-0.006426	0.236085	0.001948
-0.124569		0.108662	8.961076	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.043328	-1.366883	-0.000852
0.543810		-0.393874	-56.714315	
0.25000		-0.043328	-1.366883	-0.000852
0.543810		-0.392825	-55.030144	
0.50000		-0.043328	-1.366883	-0.000852
0.543810		-0.391776	-53.345973	
0.75000		-0.043328	-1.366883	-0.000852
0.543810		-0.390726	-51.661803	
1.00000		-0.043328	-1.366883	-0.000852
0.543810		-0.389677	-49.977632	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.268429	5.056651	-0.023030
-1.824787		0.572497	207.697976	
0.25000		0.268429	5.056651	-0.023030
-1.824787		0.600873	201.467549	
0.50000		0.268429	5.056651	-0.023030
-1.824787		0.629249	195.237121	
0.75000		0.268429	5.056651	-0.023030
-1.824787		0.657625	189.006694	
1.00000		0.268429	5.056651	-0.023030
-1.824787		0.686001	182.776267	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.959487	-17.924915	0.099807
3.504223		0.621236	-714.984709	
0.25000		-0.959487	-17.924915	0.099807
3.504223		0.498261	-692.898968	
0.50000		-0.959487	-17.924915	0.099807
3.504223		0.375286	-670.813226	
0.75000		-0.959487	-17.924915	0.099807
3.504223		0.252311	-648.727484	
1.00000		-0.959487	-17.924915	0.099807
3.504223		0.129336	-626.641742	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.900846	25.092768	-0.368346
-8.464344		-2.776774	989.156716	
0.25000		4.900846	25.092768	-0.368346
-8.464344		-2.322926	958.239281	
0.50000		4.900846	25.092768	-0.368346
-8.464344		-1.869078	927.321846	
0.75000		4.900846	25.092768	-0.368346
-8.464344		-1.415230	896.404411	
1.00000		4.900846	25.092768	-0.368346
-8.464344		-0.961381	865.486976	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.160033	-11.093706	0.290473
6.365668		1.858654	-435.280287	
0.25000		-4.160033	-11.093706	0.290473
6.365668		1.500755	-421.611452	
0.50000		-4.160033	-11.093706	0.290473
6.365668		1.142857	-407.942616	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
344

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-4.160033	-11.093706	0.290473
6.365668		0.784958	-394.273781	
1.00000		-4.160033	-11.093706	0.290473
6.365668		0.427059	-380.604945	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.162848	30.385503	-0.389428
-10.413701		-2.086016	1206.979	
0.25000		5.162848	30.385503	-0.389428
-10.413701		-1.606191	1169.541	
0.50000		5.162848	30.385503	-0.389428
-10.413701		-1.126367	1132.102	
0.75000		5.162848	30.385503	-0.389428
-10.413701		-0.646542	1094.663	
1.00000		5.162848	30.385503	-0.389428
-10.413701		-0.166718	1057.224	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.162848	-30.385503	0.389428
10.413701		2.086016	-1206.979	
0.25000		-5.162848	-30.385503	0.389428
10.413701		1.606191	-1169.541	
0.50000		-5.162848	-30.385503	0.389428
10.413701		1.126367	-1132.102	
0.75000		-5.162848	-30.385503	0.389428
10.413701		0.646542	-1094.663	
1.00000		-5.162848	-30.385503	0.389428
10.413701		0.166718	-1057.224	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.162848	30.385503	0.389428
10.413701		2.086016	1206.979	
0.25000		5.162848	30.385503	0.389428
10.413701		1.606191	1169.541	
0.50000		5.162848	30.385503	0.389428
10.413701		1.142857	1132.102	
0.75000		5.162848	30.385503	0.389428
10.413701		0.784958	1094.663	
1.00000		5.162848	30.385503	0.389428
10.413701		0.686001	1057.224	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.162848	-30.385503	-0.389428
-10.413701		-2.776774	-1206.979	
0.25000		-5.162848	-30.385503	-0.389428
-10.413701		-2.322926	-1169.541	
0.50000		-5.162848	-30.385503	-0.389428
-10.413701		-1.869078	-1132.102	
0.75000		-5.162848	-30.385503	-0.389428
-10.413701		-1.415230	-1094.663	
1.00000		-5.162848	-30.385503	-0.389428
-10.413701		-0.961381	-1057.224	

ELEM 158 ========== LENGTH = 4.927799

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.002943	0.239472	0.002383
0.066885		0.117072	8.961059	
0.25000		-0.002943	0.239472	0.002383
-0.066885		0.114136	8.666041	
0.50000		-0.002943	0.239472	0.002383
-0.066885		0.111201	8.371024	
0.75000		-0.002943	0.239472	0.002383
-0.066885		0.108265	8.076006	
1.00000		-0.002943	0.239472	0.002383
-0.066885		0.105330	7.780988	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
345

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.055023	-1.358469	-0.003469
0.322564		-0.417849	-49.978166	
0.25000		-0.055023	-1.358469	-0.003469
0.322564		-0.413576	-48.304600	
0.50000		-0.055023	-1.358469	-0.003469
0.322564		-0.409302	-46.631033	
0.75000		-0.055023	-1.358469	-0.003469
0.322564		-0.405028	-44.957467	
1.00000		-0.055023	-1.358469	-0.003469
0.322564		-0.400755	-43.283901	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.301450	4.994640	-0.015074
-1.128366		0.765816	182.779084	
0.25000		0.301450	4.994640	-0.015074
-1.128366		0.784387	176.625038	
0.50000		0.301450	4.994640	-0.015074
-1.128366		0.802957	170.472993	
0.75000		0.301450	4.994640	-0.015074
-1.128366		0.821528	164.319647	
1.00000		0.301450	4.994640	-0.015074
-1.128366		0.840099	158.166502	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.068068	-17.354953	0.069611
2.436095		-0.133470	-626.641638	
0.25000		-1.068068	-17.354953	0.069611
2.436095		-0.219227	-605.261207	
0.50000		-1.068068	-17.354953	0.069611
2.436095		-0.304985	-583.880776	
0.75000		-1.068068	-17.354953	0.069611
2.436095		-0.390742	-562.500345	
1.00000		-1.068068	-17.354953	0.069611
2.436095		-0.476499	-541.119914	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.648319	24.113404	-0.334470
-7.704351		-1.566320	865.565287	
0.25000		4.648319	24.113404	-0.334470
-7.704351		-1.154269	835.858784	
0.50000		4.648319	24.113404	-0.334470
-7.704351		-0.742219	806.152282	
0.75000		4.648319	24.113404	-0.334470
-7.704351		-0.330168	776.445779	
1.00000		4.648319	24.113404	-0.334470
-7.704351		0.081882	746.739276	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.823734	-10.634093	0.281020
6.140943		1.234751	-380.685626	
0.25000		-3.823734	-10.634093	0.281020
6.140943		0.888549	-367.584957	
0.50000		-3.823734	-10.634093	0.281020
6.140943		0.542347	-354.484289	
0.75000		-3.823734	-10.634093	0.281020
6.140943		0.196145	-341.383620	
1.00000		-3.823734	-10.634093	0.281020
6.140943		-0.150057	-328.282951	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.946826	29.347515	-0.347162
-8.899602		-0.683432	1057.305	
0.25000		4.946826	29.347515	-0.347162
-8.899602		-0.255746	1021.151	
0.50000		4.946826	29.347515	-0.347162
-8.899602		0.171939	984.996098	
0.75000		4.946826	29.347515	-0.347162
-8.899602		0.599625	948.841432	
1.00000		4.946826	29.347515	-0.347162
-8.899602		1.027311	912.686766	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
346

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.946826	-29.347515	0.347162
8.899602		0.683432	-1057.305	
0.25000		-4.946826	-29.347515	0.347162
8.899602		0.255746	-1021.151	
0.50000		-4.946826	-29.347515	0.347162
8.899602		-0.171939	-984.996098	
0.75000		-4.946826	-29.347515	0.347162
8.899602		-0.599625	-948.841432	
1.00000		-4.946826	-29.347515	0.347162
8.899602		-1.027311	-912.686766	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.946826	29.347515	0.347162
8.899602		1.234751	1057.305	
0.25000		4.946826	29.347515	0.347162
8.899602		0.888549	1021.151	
0.50000		4.946826	29.347515	0.347162
8.899602		0.802957	984.996098	
0.75000		4.946826	29.347515	0.347162
8.899602		0.821528	948.841432	
1.00000		4.946826	29.347515	0.347162
8.899602		1.027311	912.686766	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.946826	-29.347515	-0.347162
-8.899602		-1.566320	-1057.305	
0.25000		-4.946826	-29.347515	-0.347162
-8.899602		-1.154269	-1021.151	
0.50000		-4.946826	-29.347515	-0.347162
-8.899602		-0.742219	-984.996098	
0.75000		-4.946826	-29.347515	-0.347162
-8.899602		-0.599625	-948.841432	
1.00000		-4.946826	-29.347515	-0.347162
-8.899602		-1.027311	-912.686766	

ELEM 159 ========== LENGTH = 4.928122

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000417	0.241055	0.003351
-0.022620		0.111417	7.780842	
0.25000		-0.000417	0.241055	0.003351
-0.022620		0.107288	7.483855	
0.50000		-0.000417	0.241055	0.003351
-0.022620		0.103159	7.186869	
0.75000		-0.000417	0.241055	0.003351
-0.022620		0.099030	6.889882	
1.00000		-0.000417	0.241055	0.003351
-0.022620		0.094901	6.592895	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.060944	-1.351939	-0.008591
0.137291		-0.414965	-43.284179	
0.25000		-0.060944	-1.351939	-0.008591
0.137291		-0.404381	-41.618549	
0.50000		-0.060944	-1.351939	-0.008591
0.137291		-0.393797	-39.952919	
0.75000		-0.060944	-1.351939	-0.008591
0.137291		-0.383213	-38.287289	
1.00000		-0.060944	-1.351939	-0.008591
0.137291		-0.372629	-36.621660	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.312383	4.953018	0.004080
-0.519897		0.866508	158.168976	
0.25000		0.312383	4.953018	0.004080
-0.519897		0.861481	152.066707	
0.50000		0.312383	4.953018	0.004080
-0.519897		0.856454	145.964438	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
347

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.312383	4.953018	0.004080
-0.519897		0.851426	139.862169	
1.00000		0.312383	4.953018	0.004080
-0.519897		0.846399	133.759900	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.097164	-17.009652	0.069388
1.118356		-0.547478	-541.124558	
0.25000		-1.097164	-17.009652	0.069388
1.118356		-0.632967	-520.168148	
0.50000		-1.097164	-17.009652	0.069388
1.118356		-0.718455	-499.211739	
0.75000		-1.097164	-17.009652	0.069388
1.118356		-0.803944	-478.255329	
1.00000		-1.097164	-17.009652	0.069388
1.118356		-0.889432	-457.298919	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.286144	23.514235	-0.371308
-6.333852		-0.787817	746.826010	
0.25000		4.286144	23.514235	-0.371308
-6.333852		-0.330354	717.855756	
0.50000		4.286144	23.514235	-0.371308
-6.333852		0.127109	688.885502	
0.75000		4.286144	23.514235	-0.371308
-6.333852		0.584572	659.915247	
1.00000		4.286144	23.514235	-0.371308
-6.333852		1.042035	630.944993	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.440001	-10.346717	0.303079
5.620722		0.772335	-328.367091	
0.25000		-3.440001	-10.346717	0.303079
5.620722		0.398933	-315.619621	
0.50000		-3.440001	-10.346717	0.303079
5.620722		0.025531	-302.872150	
0.75000		-3.440001	-10.346717	0.303079
5.620722		-0.347871	-290.124680	
1.00000		-3.440001	-10.346717	0.303079
5.620722		-0.721274	-277.377209	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.598110	28.708308	-0.363876
-6.876369		0.190109	912.775827	
0.25000		4.598110	28.708308	-0.363876
-6.876369		0.638415	877.406318	
0.50000		4.598110	28.708308	-0.363876
-6.876369		1.086722	842.036808	
0.75000		4.598110	28.708308	-0.363876
-6.876369		1.535028	806.667298	
1.00000		4.598110	28.708308	-0.363876
-6.876369		1.983335	771.297789	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.598110	-28.708308	0.363876
6.876369		-0.190109	-912.775827	
0.25000		-4.598110	-28.708308	0.363876
6.876369		-0.638415	-877.406318	
0.50000		-4.598110	-28.708308	0.363876
6.876369		-1.086722	-842.036808	
0.75000		-4.598110	-28.708308	0.363876
6.876369		-1.535028	-806.667298	
1.00000		-4.598110	-28.708308	0.363876
6.876369		-1.983335	-771.297789	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.598110	28.708308	0.363876
6.876369		0.866508	912.775827	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
348

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		4.598110	28.708308	0.363876
6.876369		0.861481	877.406318	
0.50000		4.598110	28.708308	0.363876
6.876369		1.086722	842.036808	
0.75000		4.598110	28.708308	0.363876
6.876369		1.535028	806.667298	
1.00000		4.598110	28.708308	0.363876
6.876369		1.983335	771.297789	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.598110	-28.708308	-0.371308
-6.876369		-0.787817	-912.775827	
0.25000		-4.598110	-28.708308	-0.371308
-6.876369		-0.638415	-877.406318	
0.50000		-4.598110	-28.708308	-0.371308
-6.876369		-1.086722	-842.036808	
0.75000		-4.598110	-28.708308	-0.371308
-6.876369		-1.535028	-806.667298	
1.00000		-4.598110	-28.708308	-0.371308
-6.876369		-1.983335	-771.297789	

ELEM 160 ========== LENGTH = 4.928666

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001263	0.242140	0.005696
0.014087		0.098920	6.592676	
0.25000		0.001263	0.242140	0.005696
0.014087		0.091902	6.294320	
0.50000		0.001263	0.242140	0.005696
0.014087		0.084883	5.995963	
0.75000		0.001263	0.242140	0.005696
0.014087		0.077865	5.697606	
1.00000		0.001263	0.242140	0.005696
0.014087		0.070847	5.399250	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.061799	-1.349612	-0.020033
-0.030548		-0.374512	-36.621820	
0.25000		-0.061799	-1.349612	-0.020033
-0.030548		-0.349827	-34.958873	
0.50000		-0.061799	-1.349612	-0.020033
-0.030548		-0.325143	-33.295926	
0.75000		-0.061799	-1.349612	-0.020033
-0.030548		-0.300459	-31.632979	
1.00000		-0.061799	-1.349612	-0.020033
-0.030548		-0.275774	-29.970032	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.303986	4.934805	0.045027
0.052684		0.825800	133.762331	
0.25000		0.303986	4.934805	0.045027
0.052684		0.770319	127.681829	
0.50000		0.303986	4.934805	0.045027
0.052684		0.714838	121.601327	
0.75000		0.303986	4.934805	0.045027
0.052684		0.659357	115.520826	
1.00000		0.303986	4.934805	0.045027
0.052684		0.603875	109.440324	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.056262	-16.842195	0.106394
-0.486377		-0.791664	-457.306441	
0.25000		-1.056262	-16.842195	0.106394
-0.486377		-0.922759	-436.554053	
0.50000		-1.056262	-16.842195	0.106394
-0.486377		-1.053855	-415.801665	
0.75000		-1.056262	-16.842195	0.106394
-0.486377		-1.184950	-395.049277	
1.00000		-1.056262	-16.842195	0.106394
-0.486377		-1.316046	-374.296889	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
349

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.827461	23.204907	-0.525553
-4.359891		-0.059630	631.038259	
0.25000		3.827461	23.204907	-0.525553
-4.359891		0.587939	602.445950	
0.50000		3.827461	23.204907	-0.525553
-4.359891		1.235508	573.853641	
0.75000		3.827461	23.204907	-0.525553
-4.359891		1.883077	545.261332	
1.00000		3.827461	23.204907	-0.525553
-4.359891		2.530645	516.669023	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.014648	-10.190045	0.388469
4.810046		0.001486	-277.465005	
0.25000		-3.014648	-10.190045	0.388469
4.810046		-0.177572	-264.909172	
0.50000		-3.014648	-10.190045	0.388469
4.810046		-0.656231	-252.353340	
0.75000		-3.014648	-10.190045	0.388469
4.810046		-1.134889	-239.797508	
1.00000		-3.014648	-10.190045	0.388469
4.810046		-1.613547	-227.241676	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.132709	28.381852	-0.474830
-4.293120		0.865090	771.393266	
0.25000		4.132709	28.381852	-0.474830
-4.293120		1.450159	736.422099	
0.50000		4.132709	28.381852	-0.474830
-4.293120		2.035229	701.450932	
0.75000		4.132709	28.381852	-0.474830
-4.293120		2.620298	666.479764	
1.00000		4.132709	28.381852	-0.474830
-4.293120		3.205367	631.508597	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.132709	-28.381852	0.474830
4.293120		-0.865090	-771.393266	
0.25000		-4.132709	-28.381852	0.474830
4.293120		-1.450159	-736.422099	
0.50000		-4.132709	-28.381852	0.474830
4.293120		-2.035229	-701.450932	
0.75000		-4.132709	-28.381852	0.474830
4.293120		-2.620298	-666.479764	
1.00000		-4.132709	-28.381852	0.474830
4.293120		-3.205367	-631.508597	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		4.132709	28.381852	0.474830
4.810046		0.865090	771.393266	
0.25000		4.132709	28.381852	0.474830
4.810046		1.450159	736.422099	
0.50000		4.132709	28.381852	0.474830
4.810046		2.035229	701.450932	
0.75000		4.132709	28.381852	0.474830
4.810046		2.620298	666.479764	
1.00000		4.132709	28.381852	0.474830
4.810046		3.205367	631.508597	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.132709	-28.381852	-0.525553
-4.359891		-0.865090	-771.393266	
0.25000		-4.132709	-28.381852	-0.525553
-4.359891		-1.450159	-736.422099	
0.50000		-4.132709	-28.381852	-0.525553
-4.359891		-2.035229	-701.450932	
0.75000		-4.132709	-28.381852	-0.525553
-4.359891		-2.620298	-666.479764	
1.00000		-4.132709	-28.381852	-0.525553
-4.359891		-3.205367	-631.508597	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
350

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 161 ========== LENGTH = 4.928235

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002234	0.242501	0.008931
0.039256		0.073125	5.398982	
0.25000		0.002234	0.242501	0.008931
0.039256		0.062121	5.100207	
0.50000		0.002234	0.242501	0.008931
0.039256		0.051117	4.801432	
0.75000		0.002234	0.242501	0.008931
0.039256		0.040113	4.502657	
1.00000		0.002234	0.242501	0.008931
0.039256		0.029109	4.203882	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.058434	-1.347198	-0.035949
-0.150005		-0.068439	-29.370094	
0.25000		-0.058434	-1.347198	-0.035949
-0.150005		-0.223047	-28.310267	
0.50000		-0.058434	-1.347198	-0.035949
-0.150005		-0.178756	-26.650440	
0.75000		-0.058434	-1.347198	-0.035949
-0.150005		-0.134465	-24.990612	
1.00000		-0.058434	-1.347198	-0.035949
-0.150005		-0.090173	-23.330785	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.279515	4.920870	0.101201
0.466236		0.544003	109.442636	
0.25000		0.279515	4.920870	0.101201
0.466236		0.419317	103.379835	
0.50000		0.279515	4.920870	0.101201
0.466236		0.294632	97.317034	
0.75000		0.279515	4.920870	0.101201
0.466236		0.169946	91.254233	
1.00000		0.279515	4.920870	0.101201
0.466236		0.045261	85.191432	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.957662	-16.771273	0.159710
-1.970898		-1.079485	-374.305024	
0.25000		-0.957662	-16.771273	0.159710
-1.970898		-1.276257	-353.641832	
0.50000		-0.957662	-16.771273	0.159710
-1.970898		-1.473028	-332.978639	
0.75000		-0.957662	-16.771273	0.159710
-1.970898		-1.669800	-312.315447	
1.00000		-0.957662	-16.771273	0.159710
-1.970898		-1.866572	-291.652254	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.289865	23.068937	-0.739153
-2.314166		1.240158	516.762652	
0.25000		3.289865	23.068937	-0.739153
-2.314166		1.210838	488.340369	
0.50000		3.289865	23.068937	-0.739153
-2.314166		3.061517	459.918086	
0.75000		3.289865	23.068937	-0.739153
-2.314166		3.972196	431.495803	
1.00000		3.289865	23.068937	-0.739153
-2.314166		4.882876	403.073520	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.555518	-10.113836	0.505260
3.929576		-0.510462	-227.329152	
0.25000		-2.555518	-10.113836	0.505260
3.929576		-1.132972	-214.868313	
0.50000		-2.555518	-10.113836	0.505260
3.929576		-1.755481	-202.407473	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
351

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-2.555518	-10.113836	0.505260
3.929576		-2.377991	-189.946634	
1.00000		-2.555518	-10.113836	0.505260
3.929576		-3.000501	-177.485795	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.571614	28.232308	-0.629020
-1.808674		1.857286	631.604271	
0.25000		3.571614	28.232308	-0.629020
-1.808674		2.632276	596.820412	
0.50000		3.571614	28.232308	-0.629020
-1.808674		3.407266	562.036552	
0.75000		3.571614	28.232308	-0.629020
-1.808674		4.182256	527.252693	
1.00000		3.571614	28.232308	-0.629020
-1.808674		4.957246	492.468834	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.571614	-28.232308	0.629020
1.808674		-1.857286	-631.604271	
0.25000		-3.571614	-28.232308	0.629020
1.808674		-2.632276	-596.820412	
0.50000		-3.571614	-28.232308	0.629020
1.808674		-3.407266	-562.036552	
0.75000		-3.571614	-28.232308	0.629020
1.808674		-4.182256	-527.252693	
1.00000		-3.571614	-28.232308	0.629020
1.808674		-4.957246	-492.468834	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		3.571614	28.232308	0.629020
3.929576		1.857286	631.604271	
0.25000		3.571614	28.232308	0.629020
3.929576		2.632276	596.820412	
0.50000		3.571614	28.232308	0.629020
3.929576		3.407266	562.036552	
0.75000		3.571614	28.232308	0.629020
3.929576		4.182256	527.252693	
1.00000		3.571614	28.232308	0.629020
3.929576		4.957246	492.468834	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.571614	-28.232308	-0.739153
-2.314166		-1.857286	-631.604271	
0.25000		-3.571614	-28.232308	-0.739153
-2.314166		-2.632276	-596.820412	
0.50000		-3.571614	-28.232308	-0.739153
-2.314166		-3.407266	-562.036552	
0.75000		-3.571614	-28.232308	-0.739153
-2.314166		-4.182256	-527.252693	
1.00000		-3.571614	-28.232308	-0.739153
-2.314166		-4.957246	-492.468834	

ELEM 162 ========== LENGTH = 4.927922

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002608	0.241814	0.010334
0.050975		0.029922	4.203614	
0.25000		0.002608	0.241814	0.010334
0.050975		0.017190	3.905704	
0.50000		0.002608	0.241814	0.010334
0.050975		0.004458	3.607794	
0.75000		0.002608	0.241814	0.010334
0.050975		-0.008273	3.309884	
1.00000		0.002608	0.241814	0.010334
0.050975		-0.021005	3.011974	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
352

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.051537	-1.341367	-0.042410
-0.206106		-0.073120	-23.330942	
0.25000		-0.051537	-1.341367	-0.042410
-0.206106		-0.020872	-21.678404	
0.50000		-0.051537	-1.341367	-0.042410
-0.206106		0.031376	-20.025867	
0.75000		-0.051537	-1.341367	-0.042410
-0.206106		0.083624	-18.373329	
1.00000		-0.051537	-1.341367	-0.042410
-0.206106		0.135872	-16.720791	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.241631	4.897264	0.123066
0.661103		-0.047300	85.194244	
0.25000		0.241631	4.897264	0.123066
0.661103		-0.198816	79.160911	
0.50000		0.241631	4.897264	0.123066
0.661103		-0.350531	73.127576	
0.75000		0.241631	4.897264	0.123066
0.661103		-0.502147	67.094242	
1.00000		0.241631	4.897264	0.123066
0.661103		-0.653762	61.060908	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.813857	-16.764274	0.182957
-3.308792		-1.521295	-291.659976	
0.25000		-0.813857	-16.764274	0.182957
-3.308792		-1.746694	-271.006718	
0.50000		-0.813857	-16.764274	0.182957
-3.308792		-1.972093	-250.353459	
0.75000		-0.813857	-16.764274	0.182957
-3.308792		-2.197493	-229.700200	
1.00000		-0.813857	-16.764274	0.182957
-3.308792		-2.422892	-209.046942	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.691995	23.077736	-0.832882
-0.097802		3.448385	403.165264	
0.25000		2.691995	23.077736	-0.832882
-0.097802		4.474479	374.733942	
0.50000		2.691995	23.077736	-0.832882
-0.097802		5.500573	346.302621	
0.75000		2.691995	23.077736	-0.832882
-0.097802		6.526667	317.871299	
1.00000		2.691995	23.077736	-0.832882
-0.097802		7.552761	289.439978	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.070840	-10.111174	0.558934
2.900621		-1.836591	-177.572203	
0.25000		-2.070840	-10.111174	0.558934
2.900621		-2.525187	-165.115434	
0.50000		-2.070840	-10.111174	0.558934
2.900621		-3.213783	-152.658665	
0.75000		-2.070840	-10.111174	0.558934
2.900621		-3.902379	-140.201896	
1.00000		-2.070840	-10.111174	0.558934
2.900621		-4.590974	-127.745126	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.936234	28.216814	-0.699481
0.614277		3.431006	492.563122	
0.25000		2.936234	28.216814	-0.699481
0.614277		4.292753	457.800556	
0.50000		2.936234	28.216814	-0.699481
0.614277		5.154500	423.037990	
0.75000		2.936234	28.216814	-0.699481
0.614277		6.016247	388.275425	
1.00000		2.936234	28.216814	-0.699481
0.614277		6.877994	353.512859	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.936234	-28.216814	0.699481
-0.614277		-3.431006	-492.563122	
0.25000		-2.936234	-28.216814	0.699481
-0.614277		-4.292753	-457.800556	
0.50000		-2.936234	-28.216814	0.699481
-0.614277		-5.154500	-423.037990	
0.75000		-2.936234	-28.216814	0.699481
-0.614277		-6.016247	-388.275425	
1.00000		-2.936234	-28.216814	0.699481
-0.614277		-6.877994	-353.512859	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.936234	28.216814	0.699481
2.900621		3.448385	492.563122	
0.25000		2.936234	28.216814	0.699481
2.900621		4.474479	457.800556	
0.50000		2.936234	28.216814	0.699481
2.900621		5.500573	423.037990	
0.75000		2.936234	28.216814	0.699481
2.900621		6.526667	388.275425	
1.00000		2.936234	28.216814	0.699481
2.900621		7.552761	353.512859	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.936234	-28.216814	-0.832882
-3.308792		-3.431006	-492.563122	
0.25000		-2.936234	-28.216814	-0.832882
-3.308792		-4.292753	-457.800556	
0.50000		-2.936234	-28.216814	-0.832882
-3.308792		-5.154500	-423.037990	
0.75000		-2.936234	-28.216814	-0.832882
-3.308792		-6.016247	-388.275425	
1.00000		-2.936234	-28.216814	-0.832882
-3.308792		-6.877994	-353.512859	

ELEM 163 ========== LENGTH = 4.927847

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002457	0.239398	0.005494
0.044351		-0.021434	3.011757	
0.25000		0.002457	0.239398	0.005494
0.044351		-0.028203	2.716828	
0.50000		0.002457	0.239398	0.005494
0.044351		-0.034972	2.421899	
0.75000		0.002457	0.239398	0.005494
0.044351		-0.041741	2.126969	
1.00000		0.002457	0.239398	0.005494
0.044351		-0.048510	1.832040	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.041580	-1.328153	-0.017022
-0.171932		0.160136	-16.721285	
0.25000		-0.041580	-1.328153	-0.017022
-0.171932		0.181107	-15.085051	
0.50000		-0.041580	-1.328153	-0.017022
-0.171932		0.202077	-13.448818	
0.75000		-0.041580	-1.328153	-0.017022
-0.171932		0.223048	-11.812585	
1.00000		-0.041580	-1.328153	-0.017022
-0.171932		0.244018	-10.176352	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.192204	4.849284	0.031863
0.539387		-0.773517	61.065034	
0.25000		0.192204	4.849284	0.031863
0.539387		-0.812771	55.090902	
0.50000		0.192204	4.849284	0.031863
0.539387		-0.852024	49.116769	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.192204	4.849284	0.031863
0.539387		-0.891278	43.142636	
1.00000		0.192204	4.849284	0.031863
0.539387		-0.930531	37.168504	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.637048	-16.773266	0.105917
-4.400578		-1.997921	-209.052681	
0.25000		-0.637048	-16.773266	0.105917
-4.400578		-2.128407	-188.388660	
0.50000		-0.637048	-16.773266	0.105917
-4.400578		-2.258893	-167.724639	
0.75000		-0.637048	-16.773266	0.105917
-4.400578		-2.389379	-147.060617	
1.00000		-0.637048	-16.773266	0.105917
-4.400578		-2.519866	-126.396596	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.053031	23.208295	-0.502013
2.430154		6.018381	289.525838	
0.25000		2.053031	23.208295	-0.502013
2.430154		6.636841	260.934108	
0.50000		2.053031	23.208295	-0.502013
2.430154		7.255301	232.342378	
0.75000		2.053031	23.208295	-0.502013
2.430154		7.873762	203.750648	
1.00000		2.053031	23.208295	-0.502013
2.430154		8.492222	175.158918	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.569064	-10.195558	0.375760
1.558618		-3.385645	-127.828663	
0.25000		-1.569064	-10.195558	0.375760
1.558618		-3.848567	-115.268126	
0.50000		-1.569064	-10.195558	0.375760
1.558618		-4.311489	-102.707589	
0.75000		-1.569064	-10.195558	0.375760
1.558618		-4.774411	-90.147052	
1.00000		-1.569064	-10.195558	0.375760
1.558618		-5.237333	-77.586515	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.247692	28.296977	-0.464655
3.013892		5.223430	353.602629	
0.25000		2.247692	28.296977	-0.464655
3.013892		5.795867	318.741838	
0.50000		2.247692	28.296977	-0.464655
3.013892		6.368305	283.881046	
0.75000		2.247692	28.296977	-0.464655
3.013892		6.940743	249.020254	
1.00000		2.247692	28.296977	-0.464655
3.013892		7.513180	214.159462	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.247692	-28.296977	0.464655
-3.013892		-5.223430	-353.602629	
0.25000		-2.247692	-28.296977	0.464655
-3.013892		-5.795867	-318.741838	
0.50000		-2.247692	-28.296977	0.464655
-3.013892		-6.368305	-283.881046	
0.75000		-2.247692	-28.296977	0.464655
-3.013892		-6.940743	-249.020254	
1.00000		-2.247692	-28.296977	0.464655
-3.013892		-7.513180	-214.159462	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.247692	28.296977	0.464655
3.013892		6.018381	353.602629	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		2.247692	28.296977	0.464655
3.013892		6.636841	318.741838	
0.50000		2.247692	28.296977	0.464655
3.013892		7.255301	283.881046	
0.75000		2.247692	28.296977	0.464655
3.013892		7.873762	249.020254	
1.00000		2.247692	28.296977	0.464655
3.013892		8.492222	214.159462	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.247692	-28.296977	-0.502013
-4.400578		-5.223430	-353.602629	
0.25000		-2.247692	-28.296977	-0.502013
-4.400578		-5.795867	-318.741838	
0.50000		-2.247692	-28.296977	-0.502013
-4.400578		-6.368305	-283.881046	
0.75000		-2.247692	-28.296977	-0.502013
-4.400578		-6.940743	-249.020254	
1.00000		-2.247692	-28.296977	-0.502013
-4.400578		-7.513180	-214.159462	

ELEM 164 ========== LENGTH = 4.928892

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001849	0.236933	-0.005717
0.019499		-0.049948	1.831967	
0.25000		0.001849	0.236933	-0.005717
0.019499		-0.042904	1.540013	
0.50000		0.001849	0.236933	-0.005717
0.019499		-0.035859	1.248059	
0.75000		0.001849	0.236933	-0.005717
0.019499		-0.028814	0.956104	
1.00000		0.001849	0.236933	-0.005717
0.019499		-0.021770	0.664150	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.029179	-1.315897	0.040055
-0.046611		0.273758	-10.177594	
0.25000		-0.029179	-1.315897	0.040055
-0.046611		0.224401	-8.556116	
0.50000		-0.029179	-1.315897	0.040055
-0.046611		0.175045	-6.934638	
0.75000		-0.029179	-1.315897	0.040055
-0.046611		0.125688	-5.313160	
1.00000		-0.029179	-1.315897	0.040055
-0.046611		0.076332	-3.691682	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.133875	4.806180	-0.169382
0.096202		-1.070367	37.175322	
0.25000		0.133875	4.806180	-0.169382
0.096202		-0.861651	31.253035	
0.50000		0.133875	4.806180	-0.169382
0.096202		-0.652935	25.330749	
0.75000		0.133875	4.806180	-0.169382
0.096202		-0.444219	19.408462	
1.00000		0.133875	4.806180	-0.169382
0.096202		-0.235502	13.486175	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.440746	-16.686162	-0.079066
-4.907768		-2.044892	-126.401366	
0.25000		-0.440746	-16.686162	-0.079066
-4.907768		-1.947465	-105.840292	
0.50000		-0.440746	-16.686162	-0.079066
-4.907768		-1.850037	-85.279218	
0.75000		-0.440746	-16.686162	-0.079066
-4.907768		-1.752610	-64.718144	
1.00000		-0.440746	-16.686162	-0.079066
-4.907768		-1.655183	-44.157070	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.400078	23.211983	0.278024
4.722558		6.913006	175.235123	
0.25000		1.400078	23.211983	0.278024
4.722558		6.570418	146.632782	
0.50000		1.400078	23.211983	0.278024
4.722558		6.227830	118.030440	
0.75000		1.400078	23.211983	0.278024
4.722558		5.885242	89.428098	
1.00000		1.400078	23.211983	0.278024
4.722558		5.542654	60.825757	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.065877	-10.253038	-0.063914
0.116121		-4.021556	-77.663452	
0.25000		-1.065877	-10.253038	-0.063914
0.116121		-3.942800	-65.029422	
0.50000		-1.065877	-10.253038	-0.063914
0.116121		-3.864044	-52.395391	
0.75000		-1.065877	-10.253038	-0.063914
0.116121		-3.785288	-39.761361	
1.00000		-1.065877	-10.253038	-0.063914
0.116121		-3.706531	-27.127331	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.535802	28.255096	0.102925
4.838259		5.792690	214.242412	
0.25000		1.535802	28.255096	0.102925
4.838259		5.665863	179.425830	
0.50000		1.535802	28.255096	0.102925
4.838259		5.539036	144.609247	
0.75000		1.535802	28.255096	0.102925
4.838259		5.412209	109.792665	
1.00000		1.535802	28.255096	0.102925
4.838259		5.285382	74.976082	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.535802	-28.255096	-0.102925
-4.838259		-5.792690	-214.242412	
0.25000		-1.535802	-28.255096	-0.102925
-4.838259		-5.665863	-179.425830	
0.50000		-1.535802	-28.255096	-0.102925
-4.838259		-5.539036	-144.609247	
0.75000		-1.535802	-28.255096	-0.102925
-4.838259		-5.412209	-109.792665	
1.00000		-1.535802	-28.255096	-0.102925
-4.838259		-5.285382	-74.976082	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.535802	28.255096	0.278024
4.838259		6.913006	214.242412	
0.25000		1.535802	28.255096	0.278024
4.838259		6.570418	179.425830	
0.50000		1.535802	28.255096	0.278024
4.838259		6.227830	144.609247	
0.75000		1.535802	28.255096	0.278024
4.838259		5.885242	109.792665	
1.00000		1.535802	28.255096	0.278024
4.838259		5.542654	74.976082	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.535802	-28.255096	-0.169382
-4.907768		-5.792690	-214.242412	
0.25000		-1.535802	-28.255096	-0.169382
-4.907768		-5.665863	-179.425830	
0.50000		-1.535802	-28.255096	-0.169382
-4.907768		-5.539036	-144.609247	
0.75000		-1.535802	-28.255096	-0.169382
-4.907768		-5.412209	-109.792665	
1.00000		-1.535802	-28.255096	-0.169382
-4.907768		-5.285382	-74.976082	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 165 ========== LENGTH = 2.734364

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000848	0.242971	-0.009538
-0.004025		-0.024042	0.664243	
0.25000		0.000848	0.242971	-0.009538
-0.004025		-0.017522	0.498150	
0.50000		0.000848	0.242971	-0.009538
-0.004025		-0.011002	0.332057	
0.75000		0.000848	0.242971	-0.009538
-0.004025		-0.004482	0.165964	
1.00000		0.000848	0.242971	-0.009538
-0.004025		0.002038	-0.000128	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.013234	-1.351644	0.053204
0.060704		0.112373	-3.693661	
0.25000		-0.013234	-1.351644	0.053204
0.060704		0.076903	-2.769890	
0.50000		-0.013234	-1.351644	0.053204
0.060704		0.040533	-1.845918	
0.75000		-0.013234	-1.351644	0.053204
0.060704		0.004163	-0.921947	
1.00000		-0.013234	-1.351644	0.053204
0.060704		-0.032207	0.002025	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.060646	4.939266	-0.202282
-0.268696		-0.405394	13.496479	
0.25000		0.060646	4.939266	-0.202282
-0.268696		-0.267116	10.120041	
0.50000		0.060646	4.939266	-0.202282
-0.268696		-0.128838	6.743604	
0.75000		0.060646	4.939266	-0.202282
-0.268696		0.009441	3.367166	
1.00000		0.060646	4.939266	-0.202282
-0.268696		0.147719	-0.009272	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.200506	-16.163414	-0.219474
-3.757734		-1.091048	-44.173251	
0.25000		-0.200506	-16.163414	-0.219474
-3.757734		-0.941018	-33.124088	
0.50000		-0.200506	-16.163414	-0.219474
-3.757734		-0.790987	-22.074925	
0.75000		-0.200506	-16.163414	-0.219474
-3.757734		-0.640957	-11.025763	
1.00000		-0.200506	-16.163414	-0.219474
-3.757734		-0.490926	0.023400	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.634520	22.308939	0.800994
4.590910		3.744460	60.915030	
0.25000		0.634520	22.308939	0.800994
4.590910		3.196908	45.664842	
0.50000		0.634520	22.308939	0.800994
4.590910		2.649356	30.414653	
0.75000		0.634520	22.308939	0.800994
4.590910		2.101804	15.164464	
1.00000		0.634520	22.308939	0.800994
4.590910		1.554252	-0.085724	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.482275	-9.976119	-0.422904
-0.621158		-2.337249	-27.208639	
0.25000		-0.482275	-9.976119	-0.422904
-0.621158		-2.048156	-20.389055	
0.50000		-0.482275	-9.976119	-0.422904
-0.621158		-1.759063	-13.569470	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.482275	-9.976119	-0.422904
-0.621158		-1.469970	-6.749886	
1.00000		-0.482275	-9.976119	-0.422904
-0.621158		-1.180877	0.069699	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.696015	27.491177	0.589173
4.318188		3.315024	75.075752	
0.25000		0.696015	27.491177	0.589173
4.318188		2.912270	56.283033	
0.50000		0.696015	27.491177	0.589173
4.318188		2.509517	37.490314	
0.75000		0.696015	27.491177	0.589173
4.318188		2.106763	18.697595	
1.00000		0.696015	27.491177	0.589173
4.318188		1.704010	-0.095124	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.696015	-27.491177	-0.589173
-4.318188		-3.315024	-75.075752	
0.25000		-0.696015	-27.491177	-0.589173
-4.318188		-2.912270	-56.283033	
0.50000		-0.696015	-27.491177	-0.589173
-4.318188		-2.509517	-37.490314	
0.75000		-0.696015	-27.491177	-0.589173
-4.318188		-2.106763	-18.697595	
1.00000		-0.696015	-27.491177	-0.589173
-4.318188		-1.704010	0.095124	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.696015	27.491177	0.800994
4.590910		3.744460	75.075752	
0.25000		0.696015	27.491177	0.800994
4.590910		3.196908	56.283033	
0.50000		0.696015	27.491177	0.800994
4.590910		2.649356	37.490314	
0.75000		0.696015	27.491177	0.800994
4.590910		2.101763	18.697595	
1.00000		0.696015	27.491177	0.800994
4.590910		1.704010	0.095124	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.696015	-27.491177	-0.589173
-4.318188		-3.315024	-75.075752	
0.25000		-0.696015	-27.491177	-0.589173
-4.318188		-2.912270	-56.283033	
0.50000		-0.696015	-27.491177	-0.589173
-4.318188		-2.509517	-37.490314	
0.75000		-0.696015	-27.491177	-0.589173
-4.318188		-2.106763	-18.697595	
1.00000		-0.696015	-27.491177	-0.589173
-4.318188		-1.704010	-0.095124	

ELEM 166 ========== LENGTH = 2.977110

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-3.903013	-1.136465	0.466171
4.03E-05		0.535703	-3.344331	
0.57750		-3.903013	-1.136465	0.466171
4.03E-05		0.340248	-2.867836	
0.71833		-3.903013	-1.136465	0.466171
4.03E-05		0.144793	-2.391342	
0.85917		-3.903013	-1.136465	0.466171
4.03E-05		-0.050662	-1.914848	
1.00000		-3.903013	-1.136465	0.466171
4.03E-05		-0.246117	-1.438354	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		5.370922	0.727576	-0.659277
-4.16E-05		-0.757687	2.798249	
0.57750		5.370922	0.727576	-0.659277
-4.16E-05		-0.481267	2.493193	
0.71833		5.370922	0.727576	-0.659277
-4.16E-05		-0.204847	2.188136	
0.85917		5.370922	0.727576	-0.659277
-4.16E-05		0.071573	1.883080	
1.00000		5.370922	0.727576	-0.659277
-4.16E-05		0.347993	1.578024	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.322592	0.950774	0.248842
3.25E-06		0.286698	2.209725	
0.57750		0.322592	0.950774	0.248842
3.25E-06		0.182354	1.811087	
0.71833		0.322592	0.950774	0.248842
3.25E-06		0.078030	1.412449	
0.85917		0.322592	0.950774	0.248842
3.25E-06		-0.026304	1.013811	
1.00000		0.322592	0.950774	0.248842
3.25E-06		-0.130638	0.615174	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.659638	-0.228161	-0.057613
2.45E-06		-0.066169	-0.319812	
0.57750		0.659638	-0.228161	-0.057613
2.45E-06		-0.042013	-0.224150	
0.71833		0.659638	-0.228161	-0.057613
2.45E-06		-0.017857	-0.128487	
0.85917		0.659638	-0.228161	-0.057613
2.45E-06		0.006299	-0.032824	
1.00000		0.659638	-0.228161	-0.057613
2.45E-06		0.030455	0.062839	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-2.986361	-1.382239	0.002165
-5.37E-06		0.001632	-1.637726	
0.57750		-2.986361	-1.382239	0.002165
-5.37E-06		0.000724	-1.477461	
0.71833		-2.986361	-1.382239	0.002165
-5.37E-06		-0.000184	-1.317197	
0.85917		-2.986361	-1.382239	0.002165
-5.37E-06		-0.001092	-1.156933	
1.00000		-2.986361	-1.382239	0.002165
-5.37E-06		-0.002000	-0.996669	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.536221	0.068516	-0.000288
9.73E-07	-0.000177	0.293895	
0.57750	0.536221	0.068516	-0.000288
9.73E-07	-5.64E-05	0.265168	
0.71833	0.536221	0.068516	-0.000288
9.73E-07	6.45E-05	0.236440	
0.85917	0.536221	0.068516	-0.000288
9.73E-07	0.000185	0.207713	
1.00000	0.536221	0.068516	-0.000288
9.73E-07	0.000306	0.178986	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-6.566781	-0.567930	0.717179
3.82E-05	0.824033	-2.772331	
0.57750	-6.566781	-0.567930	0.717179
3.82E-05	0.523336	-2.534211	
0.71833	-6.566781	-0.567930	0.717179
3.82E-05	0.222639	-2.296090	
0.85917	-6.566781	-0.567930	0.717179
3.82E-05	-0.078058	-2.057970	
1.00000	-6.566781	-0.567930	0.717179
3.82E-05	-0.378755	-1.819849	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
360

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	6.566781	0.567930	-0.717179
-3.82E-05	-0.824033	2.772331	
0.57750	6.566781	0.567930	-0.717179
-3.82E-05	-0.523336	2.534211	
0.71833	6.566781	0.567930	-0.717179
-3.82E-05	-0.222639	2.296090	
0.85917	6.566781	0.567930	-0.717179
-3.82E-05	0.078058	2.057970	
1.00000	6.566781	0.567930	-0.717179
-3.82E-05	0.378755	1.819849	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	6.566781	0.950774	0.717179
4.03E-05	0.824033	2.798249	
0.57750	6.566781	0.950774	0.717179
4.03E-05	0.523336	2.534211	
0.71833	6.566781	0.950774	0.717179
4.03E-05	0.222639	2.296090	
0.85917	6.566781	0.950774	0.717179
4.03E-05	0.078058	2.057970	
1.00000	6.566781	0.950774	0.717179
4.03E-05	0.378755	1.819849	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-6.566781	-1.136465	-0.717179
-4.16E-05	-0.824033	-3.344331	
0.57750	-6.566781	-1.136465	-0.717179
-4.16E-05	-0.523336	-2.867836	
0.71833	-6.566781	-1.136465	-0.717179
-4.16E-05	-0.222639	-2.391342	
0.85917	-6.566781	-1.136465	-0.717179
-4.16E-05	-0.078058	-2.057970	
1.00000	-6.566781	-1.136465	-0.717179
-4.16E-05	-0.378755	-1.819849	

ELEM 167 ========== LENGTH = 2.977170

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.558488	-1.180981	0.455910
-1.21E-05	0.241580	-1.408410	
0.14084	-3.558488	-1.180981	0.455910
-1.21E-05	0.050420	-0.943234	
0.28167	-3.558488	-1.180981	0.455910
-1.21E-05	-0.140739	-0.448058	
0.42251	-3.558488	-1.180981	0.455910
-1.21E-05	-0.331899	0.047119	
0.56334	-3.558488	-1.180981	0.455910
-1.21E-05	-0.523058	0.542295	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	4.881236	0.835150	-0.645427
3.51E-05	-0.341962	1.578087	
0.14084	4.881236	0.835150	-0.645427
3.51E-05	-0.071339	1.227915	
0.28167	4.881236	0.835150	-0.645427
3.51E-05	0.199283	0.877743	
0.42251	4.881236	0.835150	-0.645427
3.51E-05	0.469906	0.527570	
0.56334	4.881236	0.835150	-0.645427
3.51E-05	0.740528	0.177398	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.514390	0.866025	0.256844
-3.98E-05	0.136666	0.615171	
0.14084	0.514390	0.866025	0.256844
-3.98E-05	0.028974	0.252053	
0.28167	0.514390	0.866025	0.256844
-3.98E-05	-0.078719	-0.111065	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
361

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	0.514390	0.866025	0.256844
-3.98E-05	0.188712	-0.474183	
0.56334	0.514390	0.866025	0.256844
-3.98E-05	-0.294105	-0.837301	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.616558	-0.204268	-0.055255
8.92E-06	-0.029195	0.062839	
0.14084	0.616558	-0.204268	-0.055255
8.92E-06	-0.006027	0.148486	
0.28167	0.616558	-0.204268	-0.055255
8.92E-06	0.017141	0.234134	
0.42251	0.616558	-0.204268	-0.055255
8.92E-06	0.040309	0.319782	
0.56334	0.616558	-0.204268	-0.055255
8.92E-06	0.063477	0.405430	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.990786	-0.384927	-0.014840
9.61E-06	-0.008707	-0.996672	
0.14084	-2.990786	-0.384927	-0.014840
9.61E-06	-0.002485	-0.835275	
0.28167	-2.990786	-0.384927	-0.014840
9.61E-06	0.003737	-0.673878	
0.42251	-2.990786	-0.384927	-0.014840
9.61E-06	0.009959	-0.512481	
0.56334	-2.990786	-0.384927	-0.014840
9.61E-06	0.016181	-0.351085	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.537091	0.069000	0.002768
-1.73E-06	0.001618	0.178986	
0.14084	0.537091	0.069000	0.002768
-1.73E-06	0.000458	0.150055	
0.28167	0.537091	0.069000	0.002768
-1.73E-06	-0.000703	0.121124	
0.42251	0.537091	0.069000	0.002768
-1.73E-06	-0.001863	0.092193	
0.56334	0.537091	0.069000	0.002768
-1.73E-06	-0.003024	0.063262	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.034885	-0.699882	0.697914
-4.23E-05	0.369539	-1.819912	
0.14084	-6.034885	-0.699882	0.697914
-4.23E-05	0.076909	-1.526456	
0.28167	-6.034885	-0.699882	0.697914
-4.23E-05	-0.215721	-1.233001	
0.42251	-6.034885	-0.699882	0.697914
-4.23E-05	-0.508352	-0.939546	
0.56334	-6.034885	-0.699882	0.697914
-4.23E-05	-0.800982	-0.646090	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.034885	0.699882	-0.697914
4.23E-05	-0.369539	1.819912	
0.14084	6.034885	0.699882	-0.697914
4.23E-05	-0.076909	1.526456	
0.28167	6.034885	0.699882	-0.697914
4.23E-05	0.215721	1.233001	
0.42251	6.034885	0.699882	-0.697914
4.23E-05	0.508352	0.939546	
0.56334	6.034885	0.699882	-0.697914
4.23E-05	0.800982	0.646090	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	6.034885	0.866025	0.697914
4.23E-05	0.369539	1.819912	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
362

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	6.034885	0.866025	0.697914
4.23E-05	0.076909	1.526456	
0.28167	6.034885	0.866025	0.697914
4.23E-05	0.215721	1.233001	
0.42251	6.034885	0.866025	0.697914
4.23E-05	0.508352	0.939546	
0.56334	6.034885	0.866025	0.697914
4.23E-05	0.800982	0.646090	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-6.034885	-1.180981	-0.697914
-4.23E-05	-0.369539	-1.819912	
0.14084	-6.034885	-1.180981	-0.697914
-4.23E-05	-0.076909	-1.526456	
0.28167	-6.034885	-1.180981	-0.697914
-4.23E-05	-0.215721	-1.233001	
0.42251	-6.034885	-1.180981	-0.697914
-4.23E-05	-0.508352	-0.939546	
0.56334	-6.034885	-1.180981	-0.697914
-4.23E-05	-0.800982	-0.837301	

ELEM 168 ========== LENGTH = 2.976955

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-2.060701	-0.472229	0.559844
3.48E-05	0.586920	-1.852669	
0.57752	-2.060701	-0.472229	0.559844
3.48E-05	0.352212	-1.654693	
0.71834	-2.060701	-0.472229	0.559844
3.48E-05	0.117504	-1.456716	
0.85917	-2.060701	-0.472229	0.559844
3.48E-05	-0.117205	-1.258739	
1.00000	-2.060701	-0.472229	0.559844
3.48E-05	-0.351913	-1.060762	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	2.821783	0.330933	-0.790306
-3.49E-05	-0.828650	1.646413	
0.57752	2.821783	0.330933	-0.790306
-3.49E-05	-0.497323	1.507673	
0.71834	2.821783	0.330933	-0.790306
-3.49E-05	-0.165996	1.368933	
0.85917	2.821783	0.330933	-0.790306
-3.49E-05	0.165331	1.230193	
1.00000	2.821783	0.330933	-0.790306
-3.49E-05	0.496658	1.091454	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.330637	0.362653	0.299648
1.22E-06	0.314183	1.162922	
0.57752	0.330637	0.362653	0.299648
1.22E-06	0.188558	1.010884	
0.71834	0.330637	0.362653	0.299648
1.22E-06	0.062934	0.858846	
0.85917	0.330637	0.362653	0.299648
1.22E-06	-0.062690	0.706807	
1.00000	0.330637	0.362653	0.299648
1.22E-06	-0.188314	0.554769	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.357624	-0.080318	-0.068297
2.58E-06	-0.071663	-0.116257	
0.57752	0.357624	-0.080318	-0.068297
2.58E-06	-0.043031	-0.082584	
0.71834	0.357624	-0.080318	-0.068297
2.58E-06	-0.014398	-0.048912	
0.85917	0.357624	-0.080318	-0.068297
2.58E-06	0.014235	-0.015239	
1.00000	0.357624	-0.080318	-0.068297
2.58E-06	0.042867	0.018433	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
363

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-1.766576	-0.171855	-0.001232
-4.52E-06	-0.001117	-1.024274	
0.57752	-1.766576	-0.171855	-0.001232
-4.52E-06	-0.000601	-0.952226	
0.71834	-1.766576	-0.171855	-0.001232
-4.52E-06	-8.42E-05	-0.880177	
0.85917	-1.766576	-0.171855	-0.001232
-4.52E-06	0.000432	-0.808129	
1.00000	-1.766576	-0.171855	-0.001232
-4.52E-06	0.000949	-0.736080	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.317234	0.030817	0.000343
8.18E-07	0.000328	0.183866	
0.57752	0.317234	0.030817	0.000343
8.18E-07	0.000184	0.170946	
0.71834	0.317234	0.030817	0.000343
8.18E-07	4.06E-05	0.158026	
0.85917	0.317234	0.030817	0.000343
8.18E-07	-0.000103	0.145106	
1.00000	0.317234	0.030817	0.000343
8.18E-07	-0.000247	0.132186	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-3.496640	-0.281432	0.858260
3.15E-05	0.899986	-1.714022	
0.57752	-3.496640	-0.281432	0.858260
3.15E-05	0.540170	-1.596035	
0.71834	-3.496640	-0.281432	0.858260
3.15E-05	0.180354	-1.478048	
0.85917	-3.496640	-0.281432	0.858260
3.15E-05	-0.179462	-1.360060	
1.00000	-3.496640	-0.281432	0.858260
3.15E-05	-0.539278	-1.242073	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	3.496640	0.281432	-0.858260
-3.15E-05	-0.899986	1.714022	
0.57752	3.496640	0.281432	-0.858260
-3.15E-05	-0.540170	1.596035	
0.71834	3.496640	0.281432	-0.858260
-3.15E-05	-0.180354	1.478048	
0.85917	3.496640	0.281432	-0.858260
-3.15E-05	0.179462	1.360060	
1.00000	3.496640	0.281432	-0.858260
-3.15E-05	0.539278	1.242073	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	3.496640	0.362653	0.858260
3.48E-05	0.899986	1.714022	
0.57752	3.496640	0.362653	0.858260
3.48E-05	0.540170	1.596035	
0.71834	3.496640	0.362653	0.858260
3.48E-05	0.180354	1.478048	
0.85917	3.496640	0.362653	0.858260
3.48E-05	0.179462	1.360060	
1.00000	3.496640	0.362653	0.858260
3.48E-05	0.539278	1.242073	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-3.496640	-0.472229	-0.858260
-3.49E-05	-0.899986	-1.852669	
0.57752	-3.496640	-0.472229	-0.858260
-3.49E-05	-0.540170	-1.654693	
0.71834	-3.496640	-0.472229	-0.858260
-3.49E-05	-0.180354	-1.478048	
0.85917	-3.496640	-0.472229	-0.858260
-3.49E-05	-0.179462	-1.360060	
1.00000	-3.496640	-0.472229	-0.858260
-3.49E-05	-0.539278	-1.242073	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
364

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 169 ========== LENGTH = 2.977141

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.299454	-0.482740	0.554183
-9.12E-06	0.350611	-1.060280	
0.14084	-2.299454	-0.482740	0.554183
-9.12E-06	0.118250	-0.857875	
0.28167	-2.299454	-0.482740	0.554183
-9.12E-06	-0.114111	-0.655469	
0.42250	-2.299454	-0.482740	0.554183
-9.12E-06	-0.346471	-0.453063	
0.56334	-2.299454	-0.482740	0.554183
-9.12E-06	-0.578832	-0.250658	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.160686	0.344408	-0.782778
3.09E-05	0.489543	1.092092	
0.14083	3.160686	0.344408	-0.782778
3.09E-05	-0.166866	0.945887	
0.28167	3.160686	0.344408	-0.782778
3.09E-05	0.161342	0.801482	
0.42250	3.160686	0.344408	-0.782778
3.09E-05	0.489549	0.657076	
0.56334	3.160686	0.344408	-0.782778
3.09E-05	0.817756	0.512671	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.197912	0.364969	0.307202
-3.63E-05	0.194039	0.555689	
0.14083	0.197912	0.364969	0.307202
-3.63E-05	0.065234	0.402663	
0.28167	0.197912	0.364969	0.307202
-3.63E-05	-0.063571	0.249637	
0.42250	0.197912	0.364969	0.307202
-3.63E-05	-0.192377	0.096611	
0.56334	0.197912	0.364969	0.307202
-3.63E-05	-0.321182	-0.056416	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.387260	-0.078921	-0.066723
8.79E-06	-0.042158	0.018177	
0.14083	0.387260	-0.078921	-0.066723
8.79E-06	-0.014182	0.051268	
0.28167	0.387260	-0.078921	-0.066723
8.79E-06	0.013794	0.084358	
0.42250	0.387260	-0.078921	-0.066723
8.79E-06	0.041770	0.117449	
0.56334	0.387260	-0.078921	-0.066723
8.79E-06	0.069746	0.150539	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.762930	-0.179995	-0.014635
6.92E-06	-0.009138	-0.736060	
0.14083	-1.762930	-0.179995	-0.014635
6.92E-06	0.003001	-0.660591	
0.28167	-1.762930	-0.179995	-0.014635
6.92E-06	0.003135	-0.585122	
0.42250	-1.762930	-0.179995	-0.014635
6.92E-06	0.009271	-0.509652	
0.56334	-1.762930	-0.179995	-0.014635
6.92E-06	0.015408	-0.434183	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.316526	0.032279	0.002752
-1.25E-06	0.001719	0.132183	
0.14083	0.316526	0.032279	0.002752
-1.25E-06	0.000565	0.118649	
0.28167	0.316526	0.032279	0.002752
-1.25E-06	-0.000589	0.105114	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
365

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	0.316526	0.032279	0.002752
-1.25E-06	-0.001742	0.091580	
0.56334	0.316526	0.032279	0.002752
-1.25E-06	-0.002896	0.078046	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.864472	-0.297766	0.846749
-3.85E-05	0.535512	-1.240652	
0.14083	-3.864472	-0.297766	0.846749
-3.85E-05	0.180482	-1.115803	
0.28167	-3.864472	-0.297766	0.846749
-3.85E-05	-0.174547	-0.990954	
0.42250	-3.864472	-0.297766	0.846749
-3.85E-05	-0.529577	-0.866105	
0.56334	-3.864472	-0.297766	0.846749
-3.85E-05	-0.884606	-0.741256	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.864472	0.297766	-0.846749
3.85E-05	-0.535512	1.240652	
0.14083	3.864472	0.297766	-0.846749
3.85E-05	-0.180482	1.115803	
0.28167	3.864472	0.297766	-0.846749
3.85E-05	0.174547	0.990954	
0.42250	3.864472	0.297766	-0.846749
3.85E-05	0.529577	0.866105	
0.56334	3.864472	0.297766	-0.846749
3.85E-05	0.884606	0.741256	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	3.864472	0.364969	0.846749
3.85E-05	0.535512	1.240652	
0.14083	3.864472	0.364969	0.846749
3.85E-05	0.180482	1.115803	
0.28167	3.864472	0.364969	0.846749
3.85E-05	0.174547	0.990954	
0.42250	3.864472	0.364969	0.846749
3.85E-05	0.529577	0.866105	
0.56334	3.864472	0.364969	0.846749
3.85E-05	0.884606	0.741256	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.864472	-0.482740	-0.846749
-3.85E-05	-0.535512	-1.240652	
0.14083	-3.864472	-0.482740	-0.846749
-3.85E-05	-0.180482	-1.115803	
0.28167	-3.864472	-0.482740	-0.846749
-3.85E-05	-0.174547	-0.990954	
0.42250	-3.864472	-0.482740	-0.846749
-3.85E-05	-0.529577	-0.866105	
0.56334	-3.864472	-0.482740	-0.846749
-3.85E-05	-0.884606	-0.741256	

ELEM 170 ========== LENGTH = 2.977211

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.420878	-0.070856	0.470976
4.07E-05	0.530024	-0.778026	
0.57749	-0.420878	-0.070856	0.470976
4.07E-05	0.332543	-0.748315	
0.71833	-0.420878	-0.070856	0.470976
4.07E-05	0.135061	-0.718605	
0.85916	-0.420878	-0.070856	0.470976
4.07E-05	-0.062420	-0.688895	
1.00000	-0.420878	-0.070856	0.470976
4.07E-05	-0.259901	-0.659185	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
366

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.569255	0.023664	-0.657082
-4.33E-05	-0.739680	0.645640	
0.57749	0.569255	0.023664	-0.657082
-4.33E-05	-0.464164	0.635717	
0.71833	0.569255	0.023664	-0.657082
-4.33E-05	-0.188647	0.625795	
0.85916	0.569255	0.023664	-0.657082
-4.33E-05	0.086869	0.615873	
1.00000	0.569255	0.023664	-0.657082
-4.33E-05	0.362385	0.605951	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.066599	0.076026	0.246487
3.43E-06	0.277230	0.592221	
0.57749	0.066599	0.076026	0.246487
3.43E-06	0.173877	0.560343	
0.71833	0.066599	0.076026	0.246487
3.43E-06	0.070524	0.528465	
0.85916	0.066599	0.076026	0.246487
3.43E-06	-0.032829	0.496587	
1.00000	0.066599	0.076026	0.246487
3.43E-06	-0.136182	0.464709	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.068767	-0.023584	-0.053732
1.64E-06	-0.060609	-0.048456	
0.57749	0.068767	-0.023584	-0.053732
1.64E-06	-0.038079	-0.038567	
0.71833	0.068767	-0.023584	-0.053732
1.64E-06	-0.015549	-0.028678	
0.85916	0.068767	-0.023584	-0.053732
1.64E-06	0.006982	-0.018789	
1.00000	0.068767	-0.023584	-0.053732
1.64E-06	0.029512	-0.008900	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.345820	-0.006394	-0.008230
-3.04E-06	-0.008631	-0.501418	
0.57749	-0.345820	-0.006394	-0.008230
-3.04E-06	-0.005180	-0.498737	
0.71833	-0.345820	-0.006394	-0.008230
-3.04E-06	-0.001729	-0.496055	
0.85916	-0.345820	-0.006394	-0.008230
-3.04E-06	0.001721	-0.493374	
1.00000	-0.345820	-0.006394	-0.008230
-3.04E-06	0.005172	-0.490693	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665	0.062076	0.001145		0.001581
5.53E-07	0.001666	0.090038		
0.57749	0.062076	0.001145		0.001581
5.53E-07	0.001003	0.089558		
0.71833	0.062076	0.001145		0.001581
5.53E-07	0.000340	0.089078		
0.85916	0.062076	0.001145		0.001581
5.53E-07	-0.000323	0.088598		
1.00000	0.062076	0.001145		0.001581
5.53E-07	-0.000986	0.088118		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665	-0.700099	-0.001224		0.709233
4.11E-05	0.798623	-0.687223		
0.57749	-0.700099	-0.001224		0.709233
4.11E-05	0.501239	-0.686709		
0.71833	-0.700099	-0.001224		0.709233
4.11E-05	0.203856	-0.686196		
0.85916	-0.700099	-0.001224		0.709233
4.11E-05	-0.093527	-0.685683		
1.00000	-0.700099	-0.001224		0.709233
4.11E-05	-0.390911	-0.685169		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
367

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665	0.700099	0.001224		-0.709233
-4.11E-05	-0.798623	0.687223		
0.57749	0.700099	0.001224		-0.709233
-4.11E-05	-0.501239	0.686709		
0.71833	0.700099	0.001224		-0.709233
-4.11E-05	-0.203856	0.686196		
0.85916	0.700099	0.001224		-0.709233
-4.11E-05	0.093527	0.685683		
1.00000	0.700099	0.001224		-0.709233
-4.11E-05	0.390911	0.685169		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665	0.700099	0.076026		0.709233
4.11E-05	0.798623	0.687223		
0.57749	0.700099	0.076026		0.709233
4.11E-05	0.501239	0.686709		
0.71833	0.700099	0.076026		0.709233
4.11E-05	0.203856	0.686196		
0.85916	0.700099	0.076026		0.709233
4.11E-05	0.093527	0.685683		
1.00000	0.700099	0.076026		0.709233
4.11E-05	0.390911	0.685169		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665	-0.700099	-0.070856		-0.709233
-4.33E-05	-0.798623	-0.778026		
0.57749	-0.700099	-0.070856		-0.709233
-4.33E-05	-0.501239	-0.748315		
0.71833	-0.700099	-0.070856		-0.709233
-4.33E-05	-0.203856	-0.718605		
0.85916	-0.700099	-0.070856		-0.709233
-4.33E-05	-0.093527	-0.688895		
1.00000	-0.700099	-0.070856		-0.709233
-4.33E-05	-0.390911	-0.685169		

ELEM 171 ========== LENGTH = 2.977271

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.416995	-0.044775		0.481017
-1.90E-05	0.269586	-0.657241		
0.14084	-0.416995	-0.044775		0.481017
-1.90E-05	0.067887	-0.638466		
0.28168	-0.416995	-0.044775		0.481017
-1.90E-05	-0.133812	-0.619691		
0.42252	-0.416995	-0.044775		0.481017
-1.90E-05	-0.335511	-0.600916		
0.56336	-0.416995	-0.044775		0.481017
-1.90E-05	-0.537210	-0.582141		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.567485	-0.033427		-0.671100
4.10E-05	-0.375867	0.601486		
0.14084	0.567485	-0.033427		-0.671100
4.10E-05	-0.094462	0.615503		
0.28168	0.567485	-0.033427		-0.671100
4.10E-05	0.186942	0.629519		
0.42252	0.567485	-0.033427		-0.671100
4.10E-05	0.468346	0.643535		
0.56336	0.567485	-0.033427		-0.671100
4.10E-05	0.749751	0.657552		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.064068	0.114117		0.252305
-3.28E-05	0.140639	0.467979		
0.14084	0.064068	0.114117		0.252305
-3.28E-05	0.034843	0.420127		
0.28168	0.064068	0.114117		0.252305
-3.28E-05	-0.070953	0.372276		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
368

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42252	0.064068	0.114117		0.252305
-3.28E-05	-0.176748	0.324425		
0.56336	0.064068	0.114117		0.252305
-3.28E-05	-0.282544	0.276574		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.069865	-0.035547		-0.054840
8.73E-06	-0.030680	-0.009860		
0.14084	0.069865	-0.035547		-0.054840
8.73E-06	-0.007685	0.005046		
0.28168	0.069865	-0.035547		-0.054840
8.73E-06	0.015310	0.019951		
0.42252	0.069865	-0.035547		-0.054840
8.73E-06	0.038306	0.034857		
0.56336	0.069865	-0.035547		-0.054840
8.73E-06	0.061301	0.049762		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.346649	-0.000444		-0.009126
2.53E-06	-0.004555	-0.490436		
0.14084	-0.346649	-0.000444		-0.009126
2.53E-06	-0.000729	-0.490249		
0.28168	-0.346649	-0.000444		-0.009126
2.53E-06	0.003098	-0.490063		
0.42252	-0.346649	-0.000444		-0.009126
2.53E-06	0.006924	-0.489877		
0.56336	-0.346649	-0.000444		-0.009126
2.53E-06	0.010751	-0.489691		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.062226	7.56E-05		0.001744
-4.62E-07	0.000877	0.088072		
0.14084	0.062226	7.56E-05		0.001744
-4.62E-07	0.000146	0.088040		
0.28168	0.062226	7.56E-05		0.001744
-4.62E-07	-0.000586	0.088009		
0.42252	0.062226	7.56E-05		0.001744
-4.62E-07	-0.001317	0.087977		
0.56336	0.062226	7.56E-05		0.001744
-4.62E-07	-0.002048	0.087945		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.699576	0.068898		0.724196
-4.93E-05	0.405670	-0.679698		
0.14084	-0.699576	0.068898		0.724196
-4.93E-05	0.102002	-0.708588		
0.28168	-0.699576	0.068898		0.724196
-4.93E-05	-0.201667	-0.737479		
0.42252	-0.699576	0.068898		0.724196
-4.93E-05	-0.505335	-0.766369		
0.56336	-0.699576	0.068898		0.724196
-4.93E-05	-0.809003	-0.795259		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.699576	-0.068898		-0.724196
4.93E-05	-0.405670	0.679698		
0.14084	0.699576	-0.068898		-0.724196
4.93E-05	-0.102002	0.708588		
0.28168	0.699576	-0.068898		-0.724196
4.93E-05	0.201667	0.737479		
0.42252	0.699576	-0.068898		-0.724196
4.93E-05	0.505335	0.766369		
0.56336	0.699576	-0.068898		-0.724196
4.93E-05	0.809003	0.795259		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.699576	0.114117		0.724196
4.93E-05	0.405670	0.679698		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
369

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14084	0.699576	0.114117		0.724196
4.93E-05	0.102002	0.708588		
0.28168	0.699576	0.114117		0.724196
4.93E-05	0.201667	0.737479		
0.42252	0.699576	0.114117		0.724196
4.93E-05	0.505335	0.766369		
0.56336	0.699576	0.114117		0.724196
4.93E-05	0.809003	0.795259		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.699576	-0.068898		-0.724196
-4.93E-05	-0.405670	-0.679698		
0.14084	-0.699576	-0.068898		-0.724196
-4.93E-05	-0.102002	-0.708588		
0.28168	-0.699576	-0.068898		-0.724196
-4.93E-05	-0.201667	-0.737479		
0.42252	-0.699576	-0.068898		-0.724196
-4.93E-05	-0.505335	-0.766369		
0.56336	-0.699576	-0.068898		-0.724196
-4.93E-05	-0.809003	-0.795259		

ELEM 172 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.177574	0.038395		0.457479
4.10E-05	0.512846	-0.362647		
0.57753	0.177574	0.038395		0.457479
4.10E-05	0.320987	-0.378749		
0.71830	0.177574	0.038395		0.457479
4.10E-05	0.129128	-0.394851		
0.85915	0.177574	0.038395		0.457479
4.10E-05	-0.062731	-0.410953		
1.00000	0.177574	0.038395		0.457479
4.10E-05	-0.254590	-0.427055		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.245786	-0.085206		-0.624407
-4.50E-05	-0.700162	0.185218		
0.57745	-0.245786	-0.085206		-0.624407
-4.50E-05	-0.438297	0.220952		
0.71830	-0.245786	-0.085206		-0.624407
-4.50E-05	-0.176431	0.256686		
0.85915	-0.245786	-0.085206		-0.624407
-4.50E-05	0.085435	0.292420		
1.00000	-0.245786	-0.085206		-0.624407
-4.50E-05	0.347300	0.328154		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.018897	0.040516		0.224589
5.48E-06	0.251262	0.482026		
0.57745	-0.018897	0.040516		0.224589
5.48E-06	0.157073	0.465035		
0.71830	-0.018897	0.040516		0.224589
5.48E-06	0.062884	0.448043		
0.85915	-0.018897	0.040516		0.224589
5.48E-06	-0.031305	0.431051		
1.00000	-0.018897	0.040516		0.224589
5.48E-06	-0.125494	0.414059		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.030853	-0.015701		-0.046097
9.79E-07	-0.051839	-0.044394		
0.57745	-0.030853	-0.015701		-0.046097
9.79E-07	-0.032506	-0.037809		
0.71830	-0.030853	-0.015701		-0.046097
9.79E-07	-0.013174	-0.031224		
0.85915	-0.030853	-0.015701		-0.046097
9.79E-07	0.006159	-0.024639		
1.00000	-0.030853	-0.015701		-0.046097
9.79E-07	0.025491	-0.018054		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
370

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.143797	0.026808		-0.014217
-2.94E-06	-0.014893	-0.317165		
0.57745	0.143797	0.026808		-0.014217
-2.94E-06	-0.008930	-0.328408		
0.71830	0.143797	0.026808		-0.014217
-2.94E-06	-0.002968	-0.339651		
0.85915	0.143797	0.026808		-0.014217
-2.94E-06	0.002994	-0.350893		
1.00000	0.143797	0.026808		-0.014217
-2.94E-06	0.008956	-0.362136		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.025835	-0.004812		0.002652
5.35E-07	0.000276	0.056961		
0.57745	-0.025835	-0.004812		0.002652
5.35E-07	0.001673	0.058979		
0.71830	-0.025835	-0.004812		0.002652
5.35E-07	0.000561	0.060997		
0.85915	-0.025835	-0.004812		0.002652
5.35E-07	-0.000551	0.063015		
1.00000	-0.025835	-0.004812		0.002652
5.35E-07	-0.001664	0.065033		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.302474	0.105719		0.667852
4.35E-05	0.749215	-0.197786		
0.57745	0.302474	0.105719		0.667852
4.35E-05	0.469130	-0.242122		
0.71830	0.302474	0.105719		0.667852
4.35E-05	0.189044	-0.286459		
0.85915	0.302474	0.105719		0.667852
4.35E-05	-0.091042	-0.330796		
1.00000	0.302474	0.105719		0.667852
4.35E-05	-0.371128	-0.375132		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.302474	-0.105719		-0.667852
-4.35E-05	-0.749215	0.197786		
0.57745	-0.302474	-0.105719		-0.667852
-4.35E-05	-0.469130	0.242122		
0.71830	-0.302474	-0.105719		-0.667852
-4.35E-05	-0.189044	0.286459		
0.85915	-0.302474	-0.105719		-0.667852
-4.35E-05	0.091042	0.330796		
1.00000	-0.302474	-0.105719		-0.667852
-4.35E-05	0.371128	0.375132		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.302474	0.105719		0.667852
4.35E-05	0.749215	0.482026		
0.57745	0.302474	0.105719		0.667852
4.35E-05	0.469130	0.465035		
0.71830	0.302474	0.105719		0.667852
4.35E-05	0.189044	0.448043		
0.85915	0.302474	0.105719		0.667852
4.35E-05	0.091042	0.431051		
1.00000	0.302474	0.105719		0.667852
4.35E-05	0.371128	0.414059		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.302474	-0.105719		-0.667852
-4.50E-05	-0.749215	-0.362647		
0.57745	-0.302474	-0.105719		-0.667852
-4.50E-05	-0.469130	-0.378749		
0.71830	-0.302474	-0.105719		-0.667852
-4.50E-05	-0.189044	-0.394851		
0.85915	-0.302474	-0.105719		-0.667852
-4.50E-05	-0.091042	-0.410953		
1.00000	-0.302474	-0.105719		-0.667852
-4.50E-05	-0.371128	-0.427055		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
371

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 173 ========== LENGTH = 2.977477

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.174290	0.024999		0.475545
-1.98E-05	0.269658	-0.424552		
0.14084	0.174290	0.024999		0.475545
-1.98E-05	0.070229	-0.435036		
0.28169	0.174290	0.024999		0.475545
-1.98E-05	-0.129200	-0.445520		
0.42254	0.174290	0.024999		0.475545
-1.98E-05	-0.328629	-0.456004		
0.56339	0.174290	0.024999		0.475545
-1.98E-05	-0.528058	-0.466488		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.238111	-0.055045		-0.649408
3.88E-05	0.322135	0.322414		
0.14085	-0.238111	-0.055045		-0.649408
3.88E-05	-0.095793	0.345499		
0.28169	-0.238111	-0.055045		-0.649408
3.88E-05	0.176549	0.368583		
0.42254	-0.238111	-0.055045		-0.649408
3.88E-05	0.448890	0.391667		
0.56339	-0.238111	-0.055045		-0.649408
3.88E-05	0.721232	0.414751		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.024652	0.019184		0.229244
-2.76E-05	0.129102	0.418261		
0.14085	-0.024652	0.019184		0.229244
-2.76E-05	0.032964	0.410216		
0.28169	-0.024652	0.019184		0.229244
-2.76E-05	-0.063174	0.402171		
0.42254	-0.024652	0.019184		0.229244
-2.76E-05	0.159311	0.394125		
0.56339	-0.024652	0.019184		0.229244
-2.76E-05	-0.255449	0.386080		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.029202	-0.009288		-0.048604
7.55E-06	-0.027600	-0.019285		
0.14085	-0.029202	-0.009288		-0.048604
7.55E-06	-0.007217	-0.015390		
0.28169	-0.029202	-0.009288		-0.048604
7.55E-06	0.013166	-0.011495		
0.42254	-0.029202	-0.009288		-0.048604
7.55E-06	0.033549	-0.007600		
0.56339	-0.029202	-0.009288		-0.048604
7.55E-06	0.053932	-0.003705		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.143449	0.024556		-0.008385
1.26E-06	-0.003757	-0.361814		
0.14085	0.143449	0.024556		-0.008385
1.26E-06	-0.000241	-0.372112		
0.28169	0.143449	0.024556		-0.008385
1.26E-06	0.003275	-0.382410		
0.42254	0.143449	0.024556		-0.008385
1.26E-06	0.006791	-0.392708		
0.56339	0.143449	0.024556		-0.008385
1.26E-06	0.010307	-0.403006		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.025774	-0.004407		0.001608
-2.34E-07	0.000732	0.064975		
0.14085	-0.025774	-0.004407		0.001608
-2.34E-07	5.81E-05	0.066823		
0.28169	-0.025774	-0.004407		0.001608
-2.34E-07	-0.000616	0.068671		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
372

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42254	-0.025774	-0.004407		0.001608
-2.34E-07	-0.001290	0.070519		
0.56339	-0.025774	-0.004407		0.001608
-2.34E-07	-0.001964	0.072367		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.293087	0.068740		0.696404
-4.61E-05	0.395002	-0.368104		
0.14085	0.293087	0.068740		0.696404
-4.61E-05	0.102952	-0.396931		
0.28169	0.293087	0.068740		0.696404
-4.61E-05	-0.189099	-0.425759		
0.42254	0.293087	0.068740		0.696404
-4.61E-05	-0.481149	-0.454586		
0.56339	0.293087	0.068740		0.696404
-4.61E-05	-0.773200	-0.483413		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.293087	-0.068740		-0.696404
4.61E-05	-0.395002	0.368104		
0.14085	-0.293087	-0.068740		-0.696404
4.61E-05	-0.102952	0.396931		
0.28169	-0.293087	-0.068740		-0.696404
4.61E-05	0.189099	0.425759		
0.42254	-0.293087	-0.068740		-0.696404
4.61E-05	0.481149	0.454586		
0.56339	-0.293087	-0.068740		-0.696404
4.61E-05	0.773200	0.483413		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.293087	0.068740		0.696404
4.61E-05	0.395002	0.413161		
0.14085	0.293087	0.068740		0.696404
4.61E-05	0.102952	0.410216		
0.28169	0.293087	0.068740		0.696404
4.61E-05	0.189099	0.425759		
0.42254	0.293087	0.068740		0.696404
4.61E-05	0.481149	0.454586		
0.56339	0.293087	0.068740		0.696404
4.61E-05	0.773200	0.483413		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.293087	-0.068740		-0.696404
-4.61E-05	-0.395002	-0.424552		
0.14085	-0.293087	-0.068740		-0.696404
-4.61E-05	-0.102952	-0.435036		
0.28169	-0.293087	-0.068740		-0.696404
-4.61E-05	-0.189099	-0.445520		
0.42254	-0.293087	-0.068740		-0.696404
-4.61E-05	-0.481149	-0.456004		
0.56339	-0.293087	-0.068740		-0.696404
-4.61E-05	-0.773200	-0.483413		

ELEM 174 ========== LENGTH = 2.976819

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.225264	0.068537		0.438281
4.11E-05	0.491207	-0.136374		
0.57753	0.225264	0.068537		0.438281
4.11E-05	0.307478	-0.165105		
0.71835	0.225264	0.068537		0.438281
4.11E-05	0.123748	-0.193836		
0.85918	0.225264	0.068537		0.438281
4.11E-05	-0.059982	-0.222567		
1.00000	0.225264	0.068537		0.438281
4.11E-05	-0.243712	-0.251298		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
373

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.288420	-0.099354		-0.578295
-4.52E-05	-0.648484	-0.103543		
0.57753	-0.288420	-0.099354		-0.578295
-4.52E-05	-0.406060	-0.061894		
0.71835	-0.288420	-0.099354		-0.578295
-4.52E-05	-0.163636	-0.020244		
0.85918	-0.288420	-0.099354		-0.578295
-4.52E-05	0.078787	0.021406		
1.00000	-0.288420	-0.099354		-0.578295
-4.52E-05	0.321211	0.063055		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.068635	0.017672		0.190002
5.28E-06	0.212719	0.499383		
0.57753	-0.068635	0.017672		0.190002
5.28E-06	0.130069	0.481775		
0.71835	-0.068635	0.017672		0.190002
5.28E-06	0.053419	0.484567		
0.85918	-0.068635	0.017672		0.190002
5.28E-06	-0.026231	0.477159		
1.00000	-0.068635	0.017672		0.190002
5.28E-06	-0.105881	0.469751		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.029243	-0.000140		-0.035819
8.32E-07	-0.040375	-0.041286		
0.57753	-0.029243	-0.000140		-0.035819
8.32E-07	-0.025360	-0.041228		
0.71835	-0.029243	-0.000140		-0.035819
8.32E-07	-0.010344	-0.041169		
0.85918	-0.029243	-0.000140		-0.035819
8.32E-07	0.004672	-0.041110		
1.00000	-0.029243	-0.000140		-0.035819
8.32E-07	0.019687	-0.041052		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.196293	0.016194		-0.017384
-2.46E-06	-0.018491	-0.265937		
0.57753	0.196293	0.016194		-0.017384
-2.46E-06	-0.011203	-0.272726		
0.71835	0.196293	0.016194		-0.017384
-2.46E-06	-0.003916	-0.279514		
0.85918	0.196293	0.016194		-0.017384
-2.46E-06	0.003372	-0.286303		
1.00000	0.196293	0.016194		-0.017384
-2.46E-06	0.010659	-0.293091		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-0.035259	-0.002908	0.003214
4.48E-07	0.003424	0.047758	
0.57753	-0.035259	-0.002908	0.003214
4.48E-07	0.002076	0.048977	
0.71835	-0.035259	-0.002908	0.003214
4.48E-07	0.000729	0.050196	
0.85918	-0.035259	-0.002908	0.003214
4.48E-07	-0.000618	0.051415	
1.00000	-0.035259	-0.002908	0.003214
4.48E-07	-0.001965	0.052634	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.352922	0.102402	0.610900
4.39E-05	0.685436	0.097072	
0.57753	0.352922	0.102402	0.610900
4.39E-05	0.429343	0.054145	
0.71835	0.352922	0.102402	0.610900
4.39E-05	0.173251	0.011217	
0.85918	0.352922	0.102402	0.610900
4.39E-05	-0.082841	-0.031710	
1.00000	0.352922	0.102402	0.610900
4.39E-05	-0.338933	-0.074638	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
374

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-0.352922	-0.102402	-0.610900
-4.39E-05	-0.685436	-0.097072	
0.57753	-0.352922	-0.102402	-0.610900
-4.39E-05	-0.429343	-0.054145	
0.71835	-0.352922	-0.102402	-0.610900
-4.39E-05	-0.173251	-0.011217	
0.85918	-0.352922	-0.102402	-0.610900
-4.39E-05	0.082841	0.031710	
1.00000	-0.352922	-0.102402	-0.610900
-4.39E-05	0.338933	0.074638	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43671	0.352922	0.102402	0.610900
4.39E-05	0.685436	0.499383	
0.57753	0.352922	0.102402	0.610900
4.39E-05	0.429343	0.491975	
0.71835	0.352922	0.102402	0.610900
4.39E-05	0.173251	0.484567	
0.85918	0.352922	0.102402	0.610900
4.39E-05	0.082841	0.477159	
1.00000	0.352922	0.102402	0.610900
4.39E-05	0.338933	0.469751	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43671	-0.352922	-0.102402	-0.610900
-4.52E-05	-0.685436	-0.265937	
0.57753	-0.352922	-0.102402	-0.610900
-4.52E-05	-0.429343	-0.272726	
0.71835	-0.352922	-0.102402	-0.610900
-4.52E-05	-0.173251	-0.279514	
0.85918	-0.352922	-0.102402	-0.610900
-4.52E-05	-0.082841	-0.286303	
1.00000	-0.352922	-0.102402	-0.610900
-4.52E-05	-0.338933	-0.293091	

ELEM 175 ========== LENGTH = 2.977871

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.220128	0.067774	0.455545
-1.77E-05	0.258017	-0.247665	
0.14086	0.220128	0.067774	0.455545
-1.77E-05	0.066931	-0.276094	
0.28172	0.220128	0.067774	0.455545
-1.77E-05	-0.124156	-0.304523	
0.42258	0.220128	0.067774	0.455545
-1.77E-05	-0.315242	-0.332953	
0.56345	0.220128	0.067774	0.455545
-1.77E-05	-0.506329	-0.361382	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.276260	-0.097307	-0.602287
3.10E-05	-0.341044	0.054751	
0.14086	-0.276260	-0.097307	-0.602287
3.10E-05	-0.088404	0.095568	
0.28172	-0.276260	-0.097307	-0.602287
3.10E-05	0.164236	0.136386	
0.42258	-0.276260	-0.097307	-0.602287
3.10E-05	0.416876	0.177203	
0.56345	-0.276260	-0.097307	-0.602287
3.10E-05	0.669516	0.218020	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077821	0.015786	0.193948
-1.92E-05	0.109063	0.475809	
0.14086	-0.077821	0.015786	0.193948
-1.92E-05	0.027707	0.469187	
0.28172	-0.077821	0.015786	0.193948
-1.92E-05	-0.053648	0.462566	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
375

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42258	-0.077821	0.015786	0.193948
-1.92E-05	-0.135003	0.455944	
0.56345	-0.077821	0.015786	0.193948
-1.92E-05	-0.216358	0.449323	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026595	0.000366	-0.038361
5.34E-06	-0.021772	-0.042828	
0.14086	-0.026595	0.000366	-0.038361
5.34E-06	-0.005681	-0.042982	
0.28172	-0.026595	0.000366	-0.038361
5.34E-06	0.010410	-0.043135	
0.42258	-0.026595	0.000366	-0.038361
5.34E-06	0.026501	-0.043288	
0.56345	-0.026595	0.000366	-0.038361
5.34E-06	0.042592	-0.043442	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.195703	0.016311	-0.010899
6.94E-07	-0.005263	-0.292616	
0.14086	0.195703	0.016311	-0.010899
6.94E-07	-0.000691	-0.299457	
0.28172	0.195703	0.016311	-0.010899
6.94E-07	0.003881	-0.306299	
0.42258	0.195703	0.016311	-0.010899
6.94E-07	0.008452	-0.313141	
0.56345	0.195703	0.016311	-0.010899
6.94E-07	0.013024	-0.319983	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035155	-0.002929	0.002053
-1.31E-07	0.000999	0.052549	
0.14086	-0.035155	-0.002929	0.002053
-1.31E-07	0.000138	0.053777	
0.28172	-0.035155	-0.002929	0.002053
-1.31E-07	-0.000723	0.055006	
0.42258	-0.035155	-0.002929	0.002053
-1.31E-07	-0.001584	0.056235	
0.56345	-0.035155	-0.002929	0.002053
-1.31E-07	-0.002445	0.057463	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338009	0.099871	0.638595
-3.62E-05	0.361817	-0.064472	
0.14086	0.338009	0.099871	0.638595
-3.62E-05	0.093947	-0.105364	
0.28172	0.338009	0.099871	0.638595
-3.62E-05	-0.173923	-0.148257	
0.42258	0.338009	0.099871	0.638595
-3.62E-05	-0.441793	-0.190149	
0.56345	0.338009	0.099871	0.638595
-3.62E-05	-0.709663	-0.232042	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338009	-0.099871	-0.638595
3.62E-05	-0.361817	0.064472	
0.14086	-0.338009	-0.099871	-0.638595
3.62E-05	-0.093947	0.106364	
0.28172	-0.338009	-0.099871	-0.638595
3.62E-05	0.173923	0.148257	
0.42258	-0.338009	-0.099871	-0.638595
3.62E-05	0.441793	0.190149	
0.56345	-0.338009	-0.099871	-0.638595
3.62E-05	0.709663	0.232042	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.338009	0.099871	0.638595
3.62E-05	0.361817	0.475809	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
376

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	0.338009	0.099871	0.638595
3.62E-05	0.093947	0.469187	
0.28172	0.338009	0.099871	0.638595
3.62E-05	0.173923	0.462566	
0.42258	0.338009	0.099871	0.638595
3.62E-05	0.441793	0.455944	
0.56345	0.338009	0.099871	0.638595
3.62E-05	0.709663	0.449323	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.338009	-0.099871	-0.638595
-3.62E-05	-0.361817	-0.292616	
0.14086	-0.338009	-0.099871	-0.638595
-3.62E-05	-0.093947	-0.299457	
0.28172	-0.338009	-0.099871	-0.638595
-3.62E-05	-0.173923	-0.306299	
0.42258	-0.338009	-0.099871	-0.638595
-3.62E-05	-0.441793	-0.313253	
0.56345	-0.338009	-0.099871	-0.638595
-3.62E-05	-0.709663	-0.361382	

ELEM 176 ========== LENGTH = 2.977068

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.169429	0.097165	0.413231
4.19E-05	0.463018	0.036613	
0.57753	0.169429	0.097165	0.413231
4.19E-05	0.289764	-0.004125	
0.71834	0.169429	0.097165	0.413231
4.19E-05	0.116510	-0.044864	
0.85917	0.169429	0.097165	0.413231
4.19E-05	-0.056743	-0.085602	
1.00000	0.169429	0.097165	0.413231
4.19E-05	-0.229997	-0.126340	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.161237	-0.163609	-0.517747
-4.68E-05	-0.580596	-0.454318	
0.57750	-0.161237	-0.163609	-0.517747
-4.68E-05	-0.363522	-0.385722	
0.71834	-0.161237	-0.163609	-0.517747
-4.68E-05	-0.146448	-0.317126	
0.85917	-0.161237	-0.163609	-0.517747
-4.68E-05	0.070626	-0.248530	
1.00000	-0.161237	-0.163609	-0.517747
-4.68E-05	0.287700	-0.179934	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.141068	0.062105	0.143027
5.98E-06	0.160390	0.704342	
0.57750	-0.141068	0.062105	0.143027
5.98E-06	0.100424	0.678304	
0.71834	-0.141068	0.062105	0.143027
5.98E-06	0.040457	0.652265	
0.85917	-0.141068	0.062105	0.143027
5.98E-06	-0.019509	0.626227	
1.00000	-0.141068	0.062105	0.143027
5.98E-06	-0.079476	0.600188	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.003236	-0.002660	-0.022406
3.88E-07	-0.025365	-0.075401	
0.57750	0.003236	-0.002660	-0.022406
3.88E-07	-0.015971	-0.074286	
0.71834	0.003236	-0.002660	-0.022406
3.88E-07	-0.006576	-0.073170	
0.85917	0.003236	-0.002660	-0.022406
3.88E-07	0.002818	-0.072055	
1.00000	0.003236	-0.002660	-0.022406
3.88E-07	0.012212	-0.070940	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
377

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.158028	0.008537	-0.019730
-1.90E-06	-0.021379	-0.257466	
0.57750	0.158028	0.008537	-0.019730
-1.90E-06	-0.013107	-0.261045	
0.71834	0.158028	0.008537	-0.019730
-1.90E-06	-0.004835	-0.264624	
0.85917	0.158028	0.008537	-0.019730
-1.90E-06	0.003437	-0.268204	
1.00000	0.158028	0.008537	-0.019730
-1.90E-06	0.011709	-0.271783	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.028388	-0.001538	0.003626
3.47E-07	0.003882	0.046529	
0.57750	-0.028388	-0.001538	0.003626
3.47E-07	0.002412	0.046874	
0.71834	-0.028388	-0.001538	0.003626
3.47E-07	0.000892	0.047519	
0.85917	-0.028388	-0.001538	0.003626
3.47E-07	-0.000628	0.048163	
1.00000	-0.028388	-0.001538	0.003626
3.47E-07	-0.002148	0.048808	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.186390	0.167808	0.536527
4.60E-05	0.602029	0.483490	
0.57750	0.186390	0.167808	0.536527
4.60E-05	0.377081	0.413134	
0.71834	0.186390	0.167808	0.536527
4.60E-05	0.152133	0.342777	
0.85917	0.186390	0.167808	0.536527
4.60E-05	-0.072816	0.272421	
1.00000	0.186390	0.167808	0.536527
4.60E-05	-0.297764	0.202065	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.186390	-0.167808	-0.536527
-4.60E-05	-0.602029	-0.483490	
0.57750	-0.186390	-0.167808	-0.536527
-4.60E-05	-0.377081	-0.413134	
0.71834	-0.186390	-0.167808	-0.536527
-4.60E-05	-0.152133	-0.342777	
0.85917	-0.186390	-0.167808	-0.536527
-4.60E-05	0.072816	-0.272421	
1.00000	-0.186390	-0.167808	-0.536527
-4.60E-05	0.297764	-0.202065	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.186390	0.167808	0.536527
4.60E-05	0.602029	0.704342	
0.57750	0.186390	0.167808	0.536527
4.60E-05	0.377081	0.678304	
0.71834	0.186390	0.167808	0.536527
4.60E-05	0.152133	0.652265	
0.85917	0.186390	0.167808	0.536527
4.60E-05	0.072816	0.626227	
1.00000	0.186390	0.167808	0.536527
4.60E-05	0.297764	0.600188	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.186390	-0.167808	-0.536527
-4.68E-05	-0.602029	-0.483490	
0.57750	-0.186390	-0.167808	-0.536527
-4.68E-05	-0.377081	-0.413134	
0.71834	-0.186390	-0.167808	-0.536527
-4.68E-05	-0.152133	-0.342777	
0.85917	-0.186390	-0.167808	-0.536527
-4.68E-05	-0.072816	-0.272421	
1.00000	-0.186390	-0.167808	-0.536527
-4.68E-05	-0.297764	-0.271783	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
378

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 177 ========== LENGTH = 2.977234

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.162277	0.097769	0.428401
-1.45E-05	0.242292	-0.121666	
0.14086	0.162277	0.097769	0.428401
-1.45E-05	0.062660	-0.162661	
0.28168	0.162277	0.097769	0.428401
-1.45E-05	-0.116972	-0.203657	
0.42251	0.162277	0.097769	0.428401
-1.45E-05	-0.296605	-0.244652	
0.56335	0.162277	0.097769	0.428401
-1.45E-05	-0.476237	-0.285648	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.144754	-0.164804	-0.538888
2.13E-05	-0.304783	-0.160600	
0.14084	-0.144754	-0.164804	-0.538888
2.13E-05	-0.078823	-0.121496	
0.28168	-0.144754	-0.164804	-0.538888
2.13E-05	0.147137	-0.052392	
0.42251	-0.144754	-0.164804	-0.538888
2.13E-05	0.373098	0.016712	
0.56335	-0.144754	-0.164804	-0.538888
2.13E-05	0.599058	0.085816	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.153270	0.062799	0.147554
-1.01E-05	0.083000	0.607956	
0.14084	-0.153270	0.062799	0.147554
-1.01E-05	0.021129	0.581624	
0.28168	-0.153270	0.062799	0.147554
-1.01E-05	-0.040741	0.555292	
0.42251	-0.153270	0.062799	0.147554
-1.01E-05	-0.102612	0.528960	
0.56335	-0.153270	0.062799	0.147554
-1.01E-05	-0.164483	0.502628	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006734	-0.002836	-0.024609
2.85E-06	-0.013982	-0.073219	
0.14084	0.006734	-0.002836	-0.024609
2.85E-06	-0.003663	-0.072029	
0.28168	0.006734	-0.002836	-0.024609
2.85E-06	0.006656	-0.070840	
0.42251	0.006734	-0.002836	-0.024609
2.85E-06	0.016974	-0.069651	
0.56335	0.006734	-0.002836	-0.024609
2.85E-06	0.027293	-0.068462	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.157267	0.008627	-0.015292
5.41E-07	-0.008016	-0.271170	
0.14084	0.157267	0.008627	-0.015292
5.41E-07	-0.001604	-0.274788	
0.28168	0.157267	0.008627	-0.015292
5.41E-07	0.004808	-0.278405	
0.42251	0.157267	0.008627	-0.015292
5.41E-07	0.011220	-0.282023	
0.56335	0.157267	0.008627	-0.015292
5.41E-07	0.017632	-0.285640	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028254	-0.001554	0.002833
-1.03E-07	0.001489	0.048698	
0.14084	-0.028254	-0.001554	0.002833
-1.03E-07	0.000301	0.049350	
0.28168	-0.028254	-0.001554	0.002833
-1.03E-07	-0.000887	0.050002	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
379

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-0.028254	-0.001554	0.002833
-1.03E-07	-0.002075	0.050653	
0.56335	-0.028254	-0.001554	0.002833
-1.03E-07	-0.003263	0.051305	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.166274	0.169195	0.560664
-2.41E-05	0.317276	0.215120	
0.14084	0.166274	0.169195	0.560664
-2.41E-05	0.082185	0.144175	
0.28168	0.166274	0.169195	0.560664
-2.41E-05	-0.152906	0.073231	
0.42251	0.166274	0.169195	0.560664
-2.41E-05	-0.387997	0.002286	
0.56335	0.166274	0.169195	0.560664
-2.41E-05	-0.623088	-0.068659	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166274	-0.169195	-0.560664
2.41E-05	-0.317276	-0.215120	
0.14084	-0.166274	-0.169195	-0.560664
2.41E-05	-0.082185	-0.144175	
0.28168	-0.166274	-0.169195	-0.560664
2.41E-05	0.152906	-0.073231	
0.42251	-0.166274	-0.169195	-0.560664
2.41E-05	0.387997	-0.002286	
0.56335	-0.166274	-0.169195	-0.560664
2.41E-05	0.623088	0.068659	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.166274	0.169195	0.560664
2.41E-05	0.317276	0.607956	
0.14084	0.166274	0.169195	0.560664
2.41E-05	0.082185	0.581624	
0.28168	0.166274	0.169195	0.560664
2.41E-05	0.152906	0.555292	
0.42251	0.166274	0.169195	0.560664
2.41E-05	0.387997	0.528960	
0.56335	0.166274	0.169195	0.560664
2.41E-05	0.623088	0.502628	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.166274	-0.169195	-0.560664
-2.41E-05	-0.317276	-0.271170	
0.14084	-0.166274	-0.169195	-0.560664
-2.41E-05	-0.082185	-0.274788	
0.28168	-0.166274	-0.169195	-0.560664
-2.41E-05	-0.152906	-0.278405	
0.42251	-0.166274	-0.169195	-0.560664
-2.41E-05	-0.387997	-0.282023	
0.56335	-0.166274	-0.169195	-0.560664
-2.41E-05	-0.623088	-0.285648	

ELEM 178 ========== LENGTH = 2.977605

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.126463	0.151064	0.380932
4.23E-05	0.426515	0.221250	
0.57744	0.126463	0.151064	0.380932
4.23E-05	0.266952	0.157893	
0.71830	0.126463	0.151064	0.380932
4.23E-05	0.107188	0.094537	
0.85915	0.126463	0.151064	0.380932
4.23E-05	-0.052575	0.031180	
1.00000	0.126463	0.151064	0.380932
4.23E-05	-0.212339	-0.032177	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
380

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.043931	-0.286108	-0.441078
-4.70E-05	-0.494626	-0.919189	
0.57744	-0.043931	-0.286108	-0.441078
-4.70E-05	-0.309637	-0.799195	
0.71830	-0.043931	-0.286108	-0.441078
-4.70E-05	-0.124649	-0.679201	
0.85915	-0.043931	-0.286108	-0.441078
-4.70E-05	0.060340	-0.559206	
1.00000	-0.043931	-0.286108	-0.441078
-4.70E-05	0.245328	-0.439212	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.237635	0.140088	0.084614
5.60E-06	0.095187	1.061801	
0.57744	-0.237635	0.140088	0.084614
5.60E-06	0.059699	1.003048	
0.71830	-0.237635	0.140088	0.084614
5.60E-06	0.024212	0.944295	
0.85915	-0.237635	0.140088	0.084614
5.60E-06	-0.011275	0.885542	
1.00000	-0.237635	0.140088	0.084614
5.60E-06	-0.046762	0.826789	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.035781	-0.009204	-0.005690
1.28E-07	-0.006643	-0.128832	
0.57744	0.035781	-0.009204	-0.005690
1.28E-07	-0.004257	-0.124972	
0.71830	0.035781	-0.009204	-0.005690
1.28E-07	-0.001870	-0.121112	
0.85915	0.035781	-0.009204	-0.005690
1.28E-07	0.000516	-0.117252	
1.00000	0.035781	-0.009204	-0.005690
1.28E-07	0.002903	-0.113392	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.145454	0.005085	-0.022975
-1.26E-06	-0.025246	-0.286453	
0.57744	0.145454	0.005085	-0.022975
-1.26E-06	-0.015610	-0.288586	
0.71830	0.145454	0.005085	-0.022975
-1.26E-06	-0.005975	-0.290718	
0.85915	0.145454	0.005085	-0.022975
-1.26E-06	0.003661	-0.292851	
1.00000	0.145454	0.005085	-0.022975
-1.26E-06	0.013297	-0.294984	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.026131	-0.000925	0.004196
2.31E-07	0.004613	0.051423	
0.57744	-0.026131	-0.000925	0.004196
2.31E-07	0.002853	0.051811	
0.71830	-0.026131	-0.000925	0.004196
2.31E-07	0.001093	0.052199	
0.85915	-0.026131	-0.000925	0.004196
2.31E-07	-0.000667	0.052587	
1.00000	-0.026131	-0.000925	0.004196
2.31E-07	-0.002427	0.052975	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.034281	0.296237	0.442572
4.66E-05	0.496656	0.996598	
0.57744	0.034281	0.296237	0.442572
4.66E-05	0.311041	0.872356	
0.71830	0.034281	0.296237	0.442572
4.66E-05	0.125426	0.748113	
0.85915	0.034281	0.296237	0.442572
4.66E-05	-0.060189	0.623871	
1.00000	0.034281	0.296237	0.442572
4.66E-05	-0.245805	0.499629	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
381

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.034281	-0.296237	-0.442572
-4.66E-05	-0.496656	-0.996598	
0.57744	-0.034281	-0.296237	-0.442572
-4.66E-05	-0.311041	-0.872356	
0.71830	-0.034281	-0.296237	-0.442572
-4.66E-05	-0.125426	-0.748113	
0.85915	-0.034281	-0.296237	-0.442572
-4.66E-05	0.060189	-0.623871	
1.00000	-0.034281	-0.296237	-0.442572
-4.66E-05	0.245805	-0.499629	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.145454	0.296237	0.442572
4.66E-05	0.496656	1.061801	
0.57744	0.145454	0.296237	0.442572
4.66E-05	0.311041	1.003048	
0.71830	0.145454	0.296237	0.442572
4.66E-05	0.125426	0.944295	
0.85915	0.145454	0.296237	0.442572
4.66E-05	0.060534	0.885542	
1.00000	0.145454	0.296237	0.442572
4.66E-05	0.245805	0.826789	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.237635	-0.296237	-0.442572
-4.70E-05	-0.496656	-0.996598	
0.57744	-0.237635	-0.296237	-0.442572
-4.70E-05	-0.311041	-0.872356	
0.71830	-0.237635	-0.296237	-0.442572
-4.70E-05	-0.125426	-0.748113	
0.85915	-0.237635	-0.296237	-0.442572
-4.70E-05	-0.060189	-0.623871	
1.00000	-0.237635	-0.296237	-0.442572
-4.70E-05	-0.245805	-0.499629	

ELEM 179 ========== LENGTH = 2.977665

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117655	0.151172	0.392857
-1.00E-05	0.221968	-0.026707	
0.14085	0.117655	0.151172	0.392857
-1.00E-05	0.057198	-0.090111	
0.28171	0.117655	0.151172	0.392857
-1.00E-05	-0.107573	-0.153515	
0.42256	0.117655	0.151172	0.392857
-1.00E-05	-0.272344	-0.216919	
0.56342	0.117655	0.151172	0.392857
-1.00E-05	-0.437114	-0.280323	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023670	-0.286352	-0.457142
8.97E-06	-0.258298	-0.451688	
0.14085	-0.023670	-0.286352	-0.457142
8.97E-06	-0.066565	-0.331588	
0.28171	-0.023670	-0.286352	-0.457142
8.97E-06	0.125168	-0.211487	
0.42256	-0.023670	-0.286352	-0.457142
8.97E-06	0.316901	-0.091386	
0.56342	-0.023670	-0.286352	-0.457142
8.97E-06	0.508634	0.028714	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252544	0.140238	0.088161
9.43E-07	0.049560	0.835872	
0.14085	-0.252544	0.140238	0.088161
9.43E-07	0.012584	0.777054	
0.28171	-0.252544	0.140238	0.088161
9.43E-07	-0.024393	0.718236	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
382

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.252544	0.140238	0.088161
9.43E-07	0.659418	0.659418	
0.56342	-0.252544	0.140238	0.088161
9.43E-07	-0.098345	0.600600	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040070	-0.009165	-0.007153
-2.74E-07	-0.004089	-0.116058	
0.14085	0.040070	-0.009165	-0.007153
-2.74E-07	-0.001089	-0.112214	
0.28171	0.040070	-0.009165	-0.007153
-2.74E-07	0.001911	-0.108370	
0.42256	0.040070	-0.009165	-0.007153
-2.74E-07	0.004911	-0.104526	
0.56342	0.040070	-0.009165	-0.007153
-2.74E-07	0.007911	-0.100682	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144441	0.005021	-0.020476
4.83E-07	-0.011195	-0.294264	
0.14085	0.144441	0.005021	-0.020476
4.83E-07	-0.002606	-0.296370	
0.28171	0.144441	0.005021	-0.020476
4.83E-07	0.005982	-0.298476	
0.42256	0.144441	0.005021	-0.020476
4.83E-07	0.014570	-0.300582	
0.56342	0.144441	0.005021	-0.020476
4.83E-07	0.023158	-0.302688	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025953	-0.000914	0.003753
-9.24E-08	0.002054	0.052846	
0.14085	-0.025953	-0.000914	0.003753
-9.24E-08	0.000480	0.053229	
0.28171	-0.025953	-0.000914	0.003753
-9.24E-08	-0.001095	0.053613	
0.42256	-0.025953	-0.000914	0.003753
-9.24E-08	-0.002669	0.053996	
0.56342	-0.025953	-0.000914	0.003753
-9.24E-08	-0.004243	0.054379	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009552	0.296431	0.460542
-8.60E-06	0.260333	0.514900	
0.14085	0.009552	0.296431	0.460542
-8.60E-06	0.067175	0.390572	
0.28171	0.009552	0.296431	0.460542
-8.60E-06	-0.125984	0.266245	
0.42256	0.009552	0.296431	0.460542
-8.60E-06	-0.319143	0.141917	
0.56342	0.009552	0.296431	0.460542
-8.60E-06	-0.512301	0.017589	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009552	-0.296431	-0.460542
8.60E-06	-0.260333	-0.514900	
0.14085	-0.009552	-0.296431	-0.460542
8.60E-06	-0.067175	-0.390572	
0.28171	-0.009552	-0.296431	-0.460542
8.60E-06	0.125984	-0.266245	
0.42256	-0.009552	-0.296431	-0.460542
8.60E-06	0.319143	-0.141917	
0.56342	-0.009552	-0.296431	-0.460542
8.60E-06	0.512301	-0.017589	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.144441	0.296431	0.460542
8.97E-06	0.260333	0.835872	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
383

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.144441	0.296431	0.460542
8.97E-06	0.067175	0.777054	
0.28171	0.144441	0.296431	0.460542
8.97E-06	0.125984	0.718236	
0.42256	0.144441	0.296431	0.460542
8.97E-06	0.319143	0.659418	
0.56342	0.144441	0.296431	0.460542
8.97E-06	0.512301	0.600600	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.252544	-0.296431	-0.460542
-1.00E-05	-0.260333	-0.514900	
0.14085	-0.252544	-0.296431	-0.460542
-1.00E-05	-0.067175	-0.390572	
0.28171	-0.252544	-0.296431	-0.460542
-1.00E-05	-0.125984	-0.298476	
0.42256	-0.252544	-0.296431	-0.460542
-1.00E-05	-0.319143	-0.300582	
0.56342	-0.252544	-0.296431	-0.460542
-1.00E-05	-0.512301	-0.302688	

ELEM 180 ========== LENGTH = 2.977216

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.069439	0.244503	0.340667
4.19E-05	0.381329	0.453026	
0.57749	0.069439	0.244503	0.340667
4.19E-05	0.238486	0.350505	
0.71832	0.069439	0.244503	0.340667
4.19E-05	0.095643	0.247984	
0.85916	0.069439	0.244503	0.340667
4.19E-05	-0.047200	0.145463	
1.00000	0.069439	0.244503	0.340667
4.19E-05	-0.190042	0.042941	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.007088	-0.508324	-0.348133
-4.58E-05	-0.390019	-1.599371	
0.57749	-0.007088	-0.508324	-0.348133
-4.58E-05	-0.244046	-1.386229	
0.71832	-0.007088	-0.508324	-0.348133
-4.58E-05	-0.098072	-1.173087	
0.85916	-0.007088	-0.508324	-0.348133
-4.58E-05	0.047902	-0.959944	
1.00000	-0.007088	-0.508324	-0.348133
-4.58E-05	0.193876	-0.746802	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.164199	0.291067	0.016736
4.59E-06	0.018869	1.667354	
0.57749	-0.164199	0.291067	0.016736
4.59E-06	0.011852	1.545309	
0.71832	-0.164199	0.291067	0.016736
4.59E-06	0.004834	1.423263	
0.85916	-0.164199	0.291067	0.016736
4.59E-06	-0.002183	1.301218	
1.00000	-0.164199	0.291067	0.016736
4.59E-06	-0.009200	1.179173	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.027696	-0.023688	0.014131
-1.11E-07	0.015641	-0.215164	
0.57749	0.027696	-0.023688	0.014131
-1.11E-07	0.009716	-0.205232	
0.71832	0.027696	-0.023688	0.014131
-1.11E-07	0.003791	-0.195299	
0.85916	0.027696	-0.023688	0.014131
-1.11E-07	-0.002134	-0.185367	
1.00000	0.027696	-0.023688	0.014131
-1.11E-07	-0.008059	-0.175434	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
384

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.090372	-0.004311	-0.028589
-7.02E-07	-0.031549	-0.372750	
0.57749	0.090372	-0.004311	-0.028589
-7.02E-07	-0.019561	-0.370942	
0.71832	0.090372	-0.004311	-0.028589
-7.02E-07	-0.007573	-0.369135	
0.85916	0.090372	-0.004311	-0.028589
-7.02E-07	0.004414	-0.367327	
1.00000	0.090372	-0.004311	-0.028589
-7.02E-07	0.016402	-0.365520	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.016219	0.000753	0.005190
1.30E-07	0.005729	0.066935	
0.57749	-0.016219	0.000753	0.005190
1.30E-07	0.003553	0.066589	
0.71832	-0.016219	0.000753	0.005190
1.30E-07	0.001377	0.066274	
0.85916	-0.016219	0.000753	0.005190
1.30E-07	-0.000800	0.065958	
1.00000	-0.016219	0.000753	0.005190
1.30E-07	-0.002976	0.065642	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.004388	0.531259	0.328813
4.58E-05	0.368649	1.747631	
0.57749	-0.004388	0.531259	0.328813
4.58E-05	0.230777	1.524871	
0.71832	-0.004388	0.531259	0.328813
4.58E-05	0.092904	1.302112	
0.85916	-0.004388	0.531259	0.328813
4.58E-05	-0.044968	1.079353	
1.00000	-0.004388	0.531259	0.328813
4.58E-05	-0.182841	0.856594	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.004388	-0.531259	-0.328813
-4.58E-05	-0.368649	-1.747631	
0.57749	0.004388	-0.531259	-0.328813
-4.58E-05	-0.230777	-1.524871	
0.71832	0.004388	-0.531259	-0.328813
-4.58E-05	-0.092904	-1.302112	
0.85916	0.004388	-0.531259	-0.328813
-4.58E-05	0.044968	-1.079353	
1.00000	0.004388	-0.531259	-0.328813
-4.58E-05	0.182841	-0.856594	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.090372	0.531259	0.340667
4.58E-05	0.381329	1.747631	
0.57749	0.090372	0.531259	0.340667
4.58E-05	0.238486	1.545309	
0.71832	0.090372	0.531259	0.340667
4.58E-05	0.095643	1.423263	
0.85916	0.090372	0.531259	0.340667
4.58E-05	0.047902	1.301218	
1.00000	0.090372	0.531259	0.340667
4.58E-05	0.193876	1.179173	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.164199	-0.531259	-0.348133
-4.58E-05	-0.390019	-1.747631	
0.57749	-0.164199	-0.531259	-0.348133
-4.58E-05	-0.244046	-1.524871	
0.71832	-0.164199	-0.531259	-0.348133
-4.58E-05	-0.098072	-1.302112	
0.85916	-0.164199	-0.531259	-0.348133
-4.58E-05	-0.047200	-1.079353	
1.00000	-0.164199	-0.531259	-0.348133
-4.58E-05	0.193042	-0.856594	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
385

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 181 ========== LENGTH = 2.978174

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057562	0.270791	0.350363
-5.07E-06	0.197909	0.049892	
0.14087	0.057562	0.270791	0.350363
-5.07E-06	0.050916	-0.063716	
0.28175	0.057562	0.270791	0.350363
-5.07E-06	-0.096076	-0.177325	
0.42262	0.057562	0.270791	0.350363
-5.07E-06	-0.243069	-0.290933	
0.56349	0.057562	0.270791	0.350363
-5.07E-06	-0.390062	-0.404542	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020096	-0.566978	-0.358240
-4.73E-06	0.051271	-0.767553	
0.14087	0.020096	-0.566978	-0.358240
-4.73E-06	-0.051973	-0.524781	
0.28175	0.020096	-0.566978	-0.358240
-4.73E-06	0.098324	-0.286909	
0.42262	0.020096	-0.566978	-0.358240
-4.73E-06	0.248622	-0.049037	
0.56349	0.020096	-0.566978	-0.358240
-4.73E-06	0.398919	0.188835	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.183983	0.332340	0.014688
1.33E-05	0.007922	1.190708	
0.14087	-0.183983	0.332340	0.014688
1.33E-05	0.001760	1.051277	
0.28175	-0.183983	0.332340	0.014688
1.33E-05	-0.004402	0.911846	
0.42262	-0.183983	0.332340	0.014688
1.33E-05	-0.010565	0.772415	
0.56349	-0.183983	0.332340	0.014688
1.33E-05	-0.016727	0.632984	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.033431	-0.035860	0.014145
-3.96E-06	0.007989	-0.178825	
0.14087	0.033431	-0.035860	0.014145
-3.96E-06	0.002055	-0.163780	
0.28175	0.033431	-0.035860	0.014145
-3.96E-06	-0.003880	-0.148735	
0.42262	0.033431	-0.035860	0.014145
-3.96E-06	-0.009814	-0.133691	
0.56349	0.033431	-0.035860	0.014145
-3.96E-06	-0.015748	-0.118646	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088841	-0.000330	-0.025620
5.12E-07	-0.014122	-0.364599	
0.14087	0.088841	-0.000330	-0.025620
5.12E-07	-0.003373	-0.364460	
0.28175	0.088841	-0.000330	-0.025620
5.12E-07	0.007376	-0.364322	
0.42262	0.088841	-0.000330	-0.025620
5.12E-07	0.018124	-0.364184	
0.56349	0.088841	-0.000330	-0.025620
5.12E-07	0.028873	-0.364045	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015948	3.75E-05	0.004664
-9.64E-08	0.002572	0.065476	
0.14087	-0.015948	3.75E-05	0.004664
-9.64E-08	0.000616	0.065461	
0.28175	-0.015948	3.75E-05	0.004664
-9.64E-08	-0.001341	0.065445	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
386

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42262	-0.015948	3.75E-05	0.004664
-9.64E-08	-0.003298	0.065429	
0.56349	-0.015948	3.75E-05	0.004664
-9.64E-08	-0.005255	0.065413	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.037580	0.602801	0.339432
8.78E-06	0.191709	0.876001	
0.14087	-0.037580	0.602801	0.339432
8.78E-06	0.049303	0.623100	
0.28175	-0.037580	0.602801	0.339432
8.78E-06	-0.093103	0.370199	
0.42262	-0.037580	0.602801	0.339432
8.78E-06	-0.235510	0.117298	
0.56349	-0.037580	0.602801	0.339432
8.78E-06	-0.377916	-0.135603	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.037580	-0.602801	-0.339432
-8.78E-06	-0.191709	-0.876001	
0.14087	0.037580	-0.602801	-0.339432
-8.78E-06	-0.049303	-0.623100	
0.28175	0.037580	-0.602801	-0.339432
-8.78E-06	0.093103	-0.370199	
0.42262	0.037580	-0.602801	-0.339432
-8.78E-06	0.235510	-0.117298	
0.56349	0.037580	-0.602801	-0.339432
-8.78E-06	0.377916	0.135603	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088841	0.602801	0.350363
1.33E-05	0.197909	1.190708	
0.14087	0.088841	0.602801	0.350363
1.33E-05	0.050916	1.051277	
0.28175	0.088841	0.602801	0.350363
1.33E-05	0.098324	0.911846	
0.42262	0.088841	0.602801	0.350363
1.33E-05	0.248622	0.772415	
0.56349	0.088841	0.602801	0.350363
1.33E-05	0.398919	0.632984	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.183983	-0.602801	-0.358240
-8.78E-06	-0.202271	-0.876001	
0.14087	-0.183983	-0.602801	-0.358240
-8.78E-06	-0.051973	-0.623100	
0.28175	-0.183983	-0.602801	-0.358240
-8.78E-06	-0.096076	-0.370199	
0.42262	-0.183983	-0.602801	-0.358240
-8.78E-06	-0.243069	-0.364184	
0.56349	-0.183983	-0.602801	-0.358240
-8.78E-06	-0.390062	-0.404542	

ELEM 182 ========== LENGTH = 2.977796

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.189278	0.437524	0.291535
4.08E-05	0.326793	0.762113	
0.57742	-0.189278	0.437524	0.291535
4.08E-05	0.204509	0.598595	
0.71828	-0.189278	0.437524	0.291535
4.08E-05	0.082225	0.415076	
0.85914	-0.189278	0.437524	0.291535
4.08E-05	-0.040059	0.231557	
1.00000	-0.189278	0.437524	0.291535
4.08E-05	-0.162343	0.048038	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
387

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.066727	-1.013297	-0.241074
-4.25E-05	-0.270177	-2.710669	
0.57742	-0.066727	-1.013297	-0.241074
-4.25E-05	-0.169059	-2.285643	
0.71828	-0.066727	-1.013297	-0.241074
-4.25E-05	-0.067941	-1.860617	
0.85914	-0.066727	-1.013297	-0.241074
-4.25E-05	0.033177	-1.435591	
1.00000	-0.066727	-1.013297	-0.241074
-4.25E-05	0.134295	-1.010564	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.563639	0.694870	-0.055551
1.75E-06	-0.063017	2.783041	
0.57742	0.563639	0.694870	-0.055551
1.75E-06	-0.037716	2.491579	
0.71828	0.563639	0.694870	-0.055551
1.75E-06	-0.016415	2.200116	
0.85914	0.563639	0.694870	-0.055551
1.75E-06	0.006886	1.908654	
1.00000	0.563639	0.694870	-0.055551
1.75E-06	0.030187	1.617191	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.106210	-0.086198	0.035780
-2.19E-07	0.040080	-0.387720	
0.57742	-0.106210	-0.086198	0.035780
-2.19E-07	0.025072	-0.351564	
0.71828	-0.106210	-0.086198	0.035780
-2.19E-07	0.010065	-0.315408	
0.85914	-0.106210	-0.086198	0.035780
-2.19E-07	-0.004943	-0.279253	
1.00000	-0.106210	-0.086198	0.035780
-2.19E-07	-0.019951	-0.243097	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.245596	-0.040073	-0.037455
2.41E-07	-0.041106	-0.568891	
0.57742	-0.245596	-0.040073	-0.037455
2.41E-07	-0.025395	-0.552083	
0.71828	-0.245596	-0.040073	-0.037455
2.41E-07	-0.009685	-0.535274	
0.85914	-0.245596	-0.040073	-0.037455
2.41E-07	0.006025	-0.518466	
1.00000	-0.245596	-0.040073	-0.037455
2.41E-07	0.021736	-0.501657	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.044173	0.007174	0.006765
-4.03E-08	0.007426	0.102126	
0.57742	0.044173	0.007174	0.006765
-4.03E-08	0.004589	0.099117	
0.71828	0.044173	0.007174	0.006765
-4.03E-08	0.001751	0.096108	
0.85914	0.044173	0.007174	0.006765
-4.03E-08	-0.001086	0.093099	
1.00000	0.044173	0.007174	0.006765
-4.03E-08	-0.003924	0.090090	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.128764	1.092321	0.198529
4.28E-05	0.222670	2.996263	
0.57742	0.128764	1.092321	0.198529
4.28E-05	0.139398	2.538091	
0.71828	0.128764	1.092321	0.198529
4.28E-05	0.056125	2.079918	
0.85914	0.128764	1.092321	0.198529
4.28E-05	-0.027148	1.621745	
1.00000	0.128764	1.092321	0.198529
4.28E-05	-0.110420	1.163572	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
388

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.128764	-1.092321	-0.198529
-4.28E-05	-0.222670	-2.996263	
0.57742	-0.128764	-1.092321	-0.198529
-4.28E-05	-0.139398	-2.538091	
0.71828	-0.128764	-1.092321	-0.198529
-4.28E-05	-0.056125	-2.079918	
0.85914	-0.128764	-1.092321	-0.198529
-4.28E-05	0.027148	-1.621745	
1.00000	-0.128764	-1.092321	-0.198529
-4.28E-05	0.110420	-1.163572	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.563639	1.092321	0.291535
4.28E-05	0.326793	2.996263	
0.57742	0.563639	1.092321	0.291535
4.28E-05	0.204509	2.538091	
0.71828	0.563639	1.092321	0.291535
4.28E-05	0.082225	2.200116	
0.85914	0.563639	1.092321	0.291535
4.28E-05	0.033177	1.908654	
1.00000	0.563639	1.092321	0.291535
4.28E-05	0.134295	1.617191	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.245596	-1.092321	-0.241074
-4.28E-05	-0.270177	-2.996263	
0.57742	-0.245596	-1.092321	-0.241074
-4.28E-05	-0.169059	-2.538091	
0.71828	-0.245596	-1.092321	-0.241074
-4.28E-05	-0.067941	-2.079918	
0.85914	-0.245596	-1.092321	-0.241074
-4.28E-05	-0.040059	-1.621745	
1.00000	-0.245596	-1.092321	-0.241074
-4.28E-05	-0.162343	-1.163572	

ELEM 183 ========== LENGTH = 2.976771

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199863	0.419577	0.305059
-1.53E-06	-0.172515	0.054803	
0.14082	-0.199863	0.419577	0.305059
-1.53E-06	0.044637	-0.121080	
0.28164	-0.199863	0.419577	0.305059
-1.53E-06	-0.083241	-0.296964	
0.42246	-0.199863	0.419577	0.305059
-1.53E-06	-0.211120	-0.472847	
0.56329	-0.199863	0.419577	0.305059
-1.53E-06	-0.338998	-0.648730	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042197	-0.975872	-0.247199
-1.67E-05	-0.139232	-1.026014	
0.14082	-0.042197	-0.975872	-0.247199
-1.67E-05	-0.035607	-0.616935	
0.28164	-0.042197	-0.975872	-0.247199
-1.67E-05	0.068017	-0.207857	
0.42246	-0.042197	-0.975872	-0.247199
-1.67E-05	0.171641	0.201221	
0.56329	-0.042197	-0.975872	-0.247199
-1.67E-05	0.275265	0.610300	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.545559	0.671167	-0.072765
2.64E-05	-0.042522	1.628459	
0.14082	0.545559	0.671167	-0.072765
2.64E-05	-0.012019	1.347111	
0.28164	0.545559	0.671167	-0.072765
2.64E-05	0.018483	1.065763	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
389

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42246	0.545559	0.671167	-0.072765
2.64E-05	0.084986	0.784415	
0.56329	0.545559	0.671167	-0.072765
2.64E-05	0.079488	0.503066	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.101028	-0.078545	0.039078
-8.03E-06	0.022287	-0.246412	
0.14082	-0.101028	-0.078545	0.039078
-8.03E-06	0.005905	-0.213486	
0.28164	-0.101028	-0.078545	0.039078
-8.03E-06	-0.010476	-0.180561	
0.42246	-0.101028	-0.078545	0.039078
-8.03E-06	-0.026858	-0.147636	
0.56329	-0.101028	-0.078545	0.039078
-8.03E-06	-0.043239	-0.114710	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246868	-0.044251	-0.029523
-7.29E-08	-0.015939	-0.500767	
0.14082	-0.246868	-0.044251	-0.029523
-7.29E-08	-0.003564	-0.482217	
0.28164	-0.246868	-0.044251	-0.029523
-7.29E-08	0.008812	-0.463667	
0.42246	-0.246868	-0.044251	-0.029523
-7.29E-08	0.021188	-0.445118	
0.56329	-0.246868	-0.044251	-0.029523
-7.29E-08	0.033564	-0.426568	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044397	0.007924	0.005350
9.85E-09	0.002891	0.089930	
0.14082	0.044397	0.007924	0.005350
9.85E-09	0.000648	0.086608	
0.28164	0.044397	0.007924	0.005350
9.85E-09	-0.001595	0.083286	
0.42246	0.044397	0.007924	0.005350
9.85E-09	-0.003837	0.079964	
0.56329	0.044397	0.007924	0.005350
9.85E-09	-0.006080	0.076643	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098828	1.046492	0.202771
2.47E-05	0.114054	1.182496	
0.14082	0.098828	1.046492	0.202771
2.47E-05	0.029054	0.743814	
0.28164	0.098828	1.046492	0.202771
2.47E-05	-0.055946	0.305132	
0.42246	0.098828	1.046492	0.202771
2.47E-05	-0.140946	-0.133550	
0.56329	0.098828	1.046492	0.202771
2.47E-05	-0.225946	-0.572232	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098828	-1.046492	-0.202771
-2.47E-05	-0.114054	-1.182496	
0.14082	-0.098828	-1.046492	-0.202771
-2.47E-05	-0.029054	-0.743814	
0.28164	-0.098828	-1.046492	-0.202771
-2.47E-05	0.055946	-0.305132	
0.42246	-0.098828	-1.046492	-0.202771
-2.47E-05	0.140946	0.133550	
0.56329	-0.098828	-1.046492	-0.202771
-2.47E-05	0.225946	0.572232	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.545559	1.046492	0.305059
2.64E-05	0.172515	1.628459	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
390

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	0.545559	1.046492	0.305059
2.64E-05	0.044637	1.347111	
0.28164	0.545559	1.046492	0.305059
2.64E-05	0.068017	1.065763	
0.42246	0.545559	1.046492	0.305059
2.64E-05	0.171641	0.784415	
0.56329	0.545559	1.046492	0.305059
2.64E-05	0.275265	0.610300	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.246868	-1.046492	-0.247199
-2.47E-05	-0.139232	-1.182496	
0.14082	-0.246868	-1.046492	-0.247199
-2.47E-05	-0.035607	-0.743814	
0.28164	-0.246868	-1.046492	-0.247199
-2.47E-05	-0.083241	-0.463667	
0.42246	-0.246868	-1.046492	-0.247199
-2.47E-05	-0.211120	-0.472847	
0.56329	-0.246868	-1.046492	-0.247199
-2.47E-05	-0.338998	-0.648730	

ELEM 184 ========== LENGTH = 2.977458

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.902366	0.573413	0.235293
3.61E-05	0.264758	0.998658	
0.57746	-0.902366	0.573413	0.235293
3.61E-05	0.166084	0.758189	
0.71831	-0.902366	0.573413	0.235293
3.61E-05	0.067410	0.517720	
0.85915	-0.902366	0.573413	0.235293
3.61E-05	-0.031264	0.277251	
1.00000	-0.902366	0.573413	0.235293
3.61E-05	-0.129937	0.036782	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.272246	-1.573960	-0.122905
-3.29E-05	-0.137527	-4.031910	
0.57746	-0.272246	-1.573960	-0.122905
-3.29E-05	-0.085985	-3.371847	
0.71831	-0.272246	-1.573960	-0.122905
-3.29E-05	-0.034443	-2.711784	
0.85915	-0.272246	-1.573960	-0.122905
-3.29E-05	0.017099	-2.051721	
1.00000	-0.272246	-1.573960	-0.122905
-3.29E-05	0.068641	-1.391658	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	2.640119	1.313062	-0.131109
-3.53E-06	-0.150009	4.504855	
0.57746	2.640119	1.313062	-0.131109
-3.53E-06	-0.095026	3.954204	
0.71831	2.640119	1.313062	-0.131109
-3.53E-06	-0.040044	3.403552	
0.85915	2.640119	1.313062	-0.131109
-3.53E-06	0.014939	2.852900	
1.00000	2.640119	1.313062	-0.131109
-3.53E-06	0.069921	2.302249	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.491604	-0.165614	0.058821
3.30E-08	0.066428	-0.640516	
0.57746	-0.491604	-0.165614	0.058821
3.30E-08	0.041760	-0.571064	
0.71831	-0.491604	-0.165614	0.058821
3.30E-08	0.017093	-0.501611	
0.85915	-0.491604	-0.165614	0.058821
3.30E-08	-0.007574	-0.432158	
1.00000	-0.491604	-0.165614	0.058821
3.30E-08	-0.032242	-0.362706	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
391

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-1.187280	-0.179081	-0.048900
3.18E-07	-0.053231	-1.013046	
0.57746	-1.187280	-0.179081	-0.048900
3.18E-07	-0.032724	-0.937945	
0.71831	-1.187280	-0.179081	-0.048900
3.18E-07	-0.012217	-0.862845	
0.85915	-1.187280	-0.179081	-0.048900
3.18E-07	0.008290	-0.787745	
1.00000	-1.187280	-0.179081	-0.048900
3.18E-07	0.028797	-0.712644	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.213376	0.032180	0.008800
-5.50E-08	0.009582	0.181859	
0.57746	0.213376	0.032180	0.008800
-5.50E-08	0.005892	0.168464	
0.71831	0.213376	0.032180	0.008800
-5.50E-08	0.002201	0.154968	
0.85915	0.213376	0.032180	0.008800
-5.50E-08	-0.001489	0.141473	
1.00000	0.213376	0.032180	0.008800
-5.50E-08	-0.005180	0.127978	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.550474	1.707394	0.055284
3.29E-05	0.061517	4.490468	
0.57746	0.550474	1.707394	0.055284
3.29E-05	0.038333	3.774447	
0.71831	0.550474	1.707394	0.055284
3.29E-05	0.015149	3.058427	
0.85915	0.550474	1.707394	0.055284
3.29E-05	-0.008035	2.342406	
1.00000	0.550474	1.707394	0.055284
3.29E-05	-0.031219	1.626386	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.550474	-1.707394	-0.055284
-3.29E-05	-0.061517	-4.490468	
0.57746	-0.550474	-1.707394	-0.055284
-3.29E-05	-0.038333	-3.774447	
0.71831	-0.550474	-1.707394	-0.055284
-3.29E-05	-0.015149	-3.058427	
0.85915	-0.550474	-1.707394	-0.055284
-3.29E-05	0.008035	-2.342406	
1.00000	-0.550474	-1.707394	-0.055284
-3.29E-05	0.031219	-1.626386	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	2.640119	1.707394	0.235293
3.61E-05	0.264758	4.504855	
0.57746	2.640119	1.707394	0.235293
3.61E-05	0.166084	3.954204	
0.71831	2.640119	1.707394	0.235293
3.61E-05	0.067410	3.403552	
0.85915	2.640119	1.707394	0.235293
3.61E-05	0.017099	2.852900	
1.00000	2.640119	1.707394	0.235293
3.61E-05	0.069921	2.302249	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-1.187280	-1.707394	-0.131109
-3.29E-05	-0.150009	-4.490468	
0.57746	-1.187280	-1.707394	-0.131109
-3.29E-05	-0.095026	-3.774447	
0.71831	-1.187280	-1.707394	-0.131109
-3.29E-05	-0.040044	-3.058427	
0.85915	-1.187280	-1.707394	-0.131109
-3.29E-05	-0.031264	-2.342406	
1.00000	-1.187280	-1.707394	-0.131109
-3.29E-05	-0.129937	-1.626386	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
392

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 185 ========== LENGTH = 2.977431

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.919703	0.624834	0.254184
3.50E-07	0.144021	0.044328	
0.14085	-0.919703	0.624834	0.254184
3.50E-07	0.037427	-0.217701	
0.28169	-0.919703	0.624834	0.254184
3.50E-07	-0.069167	-0.479730	
0.42254	-0.919703	0.624834	0.254184
3.50E-07	-0.175761	-0.741759	
0.56338	-0.919703	0.624834	0.254184
3.50E-07	-0.282355	-1.003788	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.236683	-1.676548	-0.122801
-2.45E-05	-0.366823	-4.031823	
0.14085	-0.236683	-1.676548	-0.122801
-2.45E-05	-0.017373	-0.705749	
0.28169	-0.236683	-1.676548	-0.122801
-2.45E-05	0.034124	-0.002676	
0.42254	-0.236683	-1.676548	-0.122801
-2.45E-05	0.085622	0.700398	
0.56338	-0.236683	-1.676548	-0.122801
-2.45E-05	0.137120	1.403471	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.616881	1.372092	-0.172610
3.62E-05	-0.100145	2.314706	
0.14085	2.616881	1.372092	-0.172610
3.62E-05	-0.027759	1.739308	
0.28169	2.616881	1.372092	-0.172610
3.62E-05	0.044626	1.163911	
0.42254	2.616881	1.372092	-0.172610
3.62E-05	0.117011	0.588514	
0.56338	2.616881	1.372092	-0.172610
3.62E-05	0.189396	0.013116	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.484966	-0.184621	0.066856
-1.20E-05	0.038100	-0.366387	
0.14085	-0.484966	-0.184621	0.066856
-1.20E-05	0.010063	-0.288965	
0.28169	-0.484966	-0.184621	0.066856
-1.20E-05	-0.017974	-0.211543	
0.42254	-0.484966	-0.184621	0.066856
-1.20E-05	-0.046010	-0.134121	
0.56338	-0.484966	-0.184621	0.066856
-1.20E-05	-0.074047	-0.056699	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.189255	-0.165497	-0.031278
5.81E-09	-0.015997	-0.711617	
0.14085	-1.189255	-0.165497	-0.031278
5.81E-09	-0.002881	-0.642214	
0.28169	-1.189255	-0.165497	-0.031278
5.81E-09	0.010236	-0.572812	
0.42254	-1.189255	-0.165497	-0.031278
5.81E-09	0.023352	-0.503410	
0.56338	-1.189255	-0.165497	-0.031278
5.81E-09	0.036469	-0.434007	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.213726	0.029740	0.005649
-2.49E-09	0.002892	0.127793	
0.14085	0.213726	0.029740	0.005649
-2.49E-09	0.000524	0.115322	
0.28169	0.213726	0.029740	0.005649
-2.49E-09	-0.001845	0.102850	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
393

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	0.213726	0.029740	0.005649
-2.49E-09	-0.004214	0.090378	
0.56338	0.213726	0.029740	0.005649
-2.49E-09	-0.006583	0.077907	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.507923	1.831429	0.050296
3.65E-05	0.027879	1.647417	
0.14085	0.507923	1.831429	0.050296
3.65E-05	0.006787	0.879393	
0.28169	0.507923	1.831429	0.050296
3.65E-05	-0.014306	0.111369	
0.42254	0.507923	1.831429	0.050296
3.65E-05	-0.035398	-0.656655	
0.56338	0.507923	1.831429	0.050296
3.65E-05	-0.056490	-1.424679	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.507923	-1.831429	-0.050296
-3.65E-05	-0.027879	-1.647417	
0.14085	-0.507923	-1.831429	-0.050296
-3.65E-05	-0.006787	-0.879393	
0.28169	-0.507923	-1.831429	-0.050296
-3.65E-05	0.014306	-0.111369	
0.42254	-0.507923	-1.831429	-0.050296
-3.65E-05	0.035398	0.656655	
0.56338	-0.507923	-1.831429	-0.050296
-3.65E-05	0.056490	1.424679	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	2.616881	1.831429	0.254184
3.65E-05	0.144021	2.317706	
0.14085	2.616881	1.831429	0.254184
3.65E-05	0.037427	1.739308	
0.28169	2.616881	1.831429	0.254184
3.65E-05	0.044626	1.163911	
0.42254	2.616881	1.831429	0.254184
3.65E-05	0.117011	0.700398	
0.56338	2.616881	1.831429	0.254184
3.65E-05	0.189396	1.424679	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.189255	-1.831429	-0.172610
-3.65E-05	-0.100145	-1.647417	
0.14085	-1.189255	-1.831429	-0.172610
-3.65E-05	-0.027759	-0.879393	
0.28169	-1.189255	-1.831429	-0.172610
-3.65E-05	-0.069167	-0.572812	
0.42254	-1.189255	-1.831429	-0.172610
-3.65E-05	-0.175761	-0.741759	
0.56338	-1.189255	-1.831429	-0.172610
-3.65E-05	-0.282355	-1.424679	

ELEM 186 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.060876	0.655880	0.193587
3.17E-05	0.210508	0.938754	
0.57749	-2.060876	0.655880	0.193587
3.17E-05	0.129337	0.663754	
0.71833	-2.060876	0.655880	0.193587
3.17E-05	0.048166	0.388745	
0.85916	-2.060876	0.655880	0.193587
3.17E-05	-0.033004	0.113735	
1.00000	-2.060876	0.655880	0.193587
3.17E-05	-0.114175	-0.161275	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
394

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.597533	-2.176600	0.002641
-1.48E-05	0.003770	-5.315516	
0.57749	-0.597533	-2.176600	0.002641
-1.48E-05	0.002663	-4.402871	
0.71833	-0.597533	-2.176600	0.002641
-1.48E-05	0.001555	-3.490225	
0.85916	-0.597533	-2.176600	0.002641
-1.48E-05	0.000448	-2.577579	
1.00000	-0.597533	-2.176600	0.002641
-1.48E-05	-0.000659	-1.664934	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.973123	2.133997	-0.238803
-2.53E-05	-0.262264	6.830141	
0.57749	5.973123	2.133997	-0.238803
-2.53E-05	-0.162134	5.935538	
0.71833	5.973123	2.133997	-0.238803
-2.53E-05	-0.062005	5.040576	
0.85916	5.973123	2.133997	-0.238803
-2.53E-05	0.038125	4.145794	
1.00000	5.973123	2.133997	-0.238803
-2.53E-05	0.138255	3.251011	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.112648	-0.289240	0.091553
2.71E-06	0.099848	-1.012284	
0.57749	-1.112648	-0.289240	0.091553
2.71E-06	0.061460	-0.891006	
0.71833	-1.112648	-0.289240	0.091553
2.71E-06	0.023073	-0.769728	
0.85916	-1.112648	-0.289240	0.091553
2.71E-06	-0.015315	-0.648450	
1.00000	-1.112648	-0.289240	0.091553
2.71E-06	-0.053703	-0.527172	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.684380	-0.395207	-0.059693
6.93E-06	-0.063211	-1.756955	
0.57749	-2.684380	-0.395207	-0.059693
6.93E-06	-0.038182	-1.591245	
0.71833	-2.684380	-0.395207	-0.059693
6.93E-06	-0.013153	-1.425536	
0.85916	-2.684380	-0.395207	-0.059693
6.93E-06	0.011876	-1.259826	
1.00000	-2.684380	-0.395207	-0.059693
6.93E-06	0.036905	-1.094116	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.482313	0.071170	0.010715
-1.24E-06	0.011349	0.315850	
0.57749	0.482313	0.071170	0.010715
-1.24E-06	0.006856	0.286009	
0.71833	0.482313	0.071170	0.010715
-1.24E-06	0.002363	0.256167	
0.85916	0.482313	0.071170	0.010715
-1.24E-06	-0.002130	0.226326	
1.00000	0.482313	0.071170	0.010715
-1.24E-06	-0.006622	0.196484	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.227868	2.394670	-0.104909
1.33E-05	-0.114967	6.011950	
0.57749	1.227868	2.394670	-0.104909
1.33E-05	-0.070979	5.007867	
0.71833	1.227868	2.394670	-0.104909
1.33E-05	-0.026991	4.003785	
0.85916	1.227868	2.394670	-0.104909
1.33E-05	0.016997	2.999703	
1.00000	1.227868	2.394670	-0.104909
1.33E-05	0.060985	1.995621	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.227868	-2.394670	0.104909
-1.33E-05	0.114967	-6.011950	
0.57749	-1.227868	-2.394670	0.104909
-1.33E-05	0.070979	-5.007867	
0.71833	-1.227868	-2.394670	0.104909
-1.33E-05	0.026991	-4.003785	
0.85916	-1.227868	-2.394670	0.104909
-1.33E-05	-0.016997	-2.999703	
1.00000	-1.227868	-2.394670	0.104909
-1.33E-05	-0.060985	-1.995621	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	5.973123	2.394670	0.193587
3.17E-05	0.211008	6.830141	
0.57749	5.973123	2.394670	0.193587
3.17E-05	0.129337	5.935358	
0.71833	5.973123	2.394670	0.193587
3.17E-05	0.048166	5.040576	
0.85916	5.973123	2.394670	0.193587
3.17E-05	0.033794	4.145794	
1.00000	5.973123	2.394670	0.193587
3.17E-05	0.138255	3.251011	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-2.684380	-2.394670	-0.238803
-2.53E-05	-0.262264	-6.011950	
0.57749	-2.684380	-2.394670	-0.238803
-2.53E-05	-0.162134	-5.007867	
0.71833	-2.684380	-2.394670	-0.238803
-2.53E-05	-0.062005	-4.003785	
0.85916	-2.684380	-2.394670	-0.238803
-2.53E-05	-0.033004	-2.999703	
1.00000	-2.684380	-2.394670	-0.238803
-2.53E-05	-0.114175	-1.995621	

ELEM 187 ========== LENGTH = 2.978250

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.037558	0.649548	0.213315
-5.43E-06	0.128995	-0.154704	
0.14088	-2.037558	0.649548	0.213315
-5.43E-06	0.039496	-0.427230	
0.28175	-2.037558	0.649548	0.213315
-5.43E-06	-0.050003	-0.699756	
0.42263	-2.037558	0.649548	0.213315
-5.43E-06	-0.139502	-0.972282	
0.56350	-2.037558	0.649548	0.213315
-5.43E-06	-0.229001	-1.244808	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.559213	-2.244143	0.006573
-2.26E-05	0.003463	-1.680178	
0.14088	-0.559213	-2.244143	0.006573
-2.26E-05	0.000705	-0.738620	
0.28175	-0.559213	-2.244143	0.006573
-2.26E-05	-0.002053	0.202938	
0.42263	-0.559213	-2.244143	0.006573
-2.26E-05	-0.004810	1.144496	
0.56350	-0.559213	-2.244143	0.006573
-2.26E-05	-0.007568	2.086055	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.891590	2.269432	-0.289456
4.90E-05	-0.175751	3.262399	
0.14088	5.891590	2.269432	-0.289456
4.90E-05	-0.054307	2.310230	
0.28175	5.891590	2.269432	-0.289456
4.90E-05	0.067138	1.358062	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42263	5.891590	2.269432	-0.289456
4.90E-05	0.081883	0.405893	
0.56350	5.891590	2.269432	-0.289456
4.90E-05	0.310028	-0.546275	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.086098	-0.318612	0.101413
-1.67E-05	0.061046	-0.530515	
0.14088	-1.086098	-0.318612	0.101413
-1.67E-05	0.018497	-0.396837	
0.28175	-1.086098	-0.318612	0.101413
-1.67E-05	-0.024053	-0.263159	
0.42263	-1.086098	-0.318612	0.101413
-1.67E-05	-0.066602	-0.129481	
0.56350	-1.086098	-0.318612	0.101413
-1.67E-05	-0.109151	0.004196	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.692486	-0.434439	-0.038833
-5.19E-06	-0.021651	-1.093348	
0.14088	-2.692486	-0.434439	-0.038833
-5.19E-06	-0.005359	-0.911074	
0.28175	-2.692486	-0.434439	-0.038833
-5.19E-06	0.010934	-0.728800	
0.42263	-2.692486	-0.434439	-0.038833
-5.19E-06	0.027227	-0.546526	
0.56350	-2.692486	-0.434439	-0.038833
-5.19E-06	0.043520	-0.364251	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.483764	0.078214	0.006987
9.32E-07	0.003899	0.196346	
0.14088	0.483764	0.078214	0.006987
9.32E-07	0.000967	0.163531	
0.28175	0.483764	0.078214	0.006987
9.32E-07	-0.001965	0.130715	
0.42263	0.483764	0.078214	0.006987
9.32E-07	-0.004896	0.097899	
0.56350	0.483764	0.078214	0.006987
9.32E-07	-0.007828	0.065083	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.161547	2.484540	-0.114973
3.84E-05	-0.068407	2.014346	
0.14088	1.161547	2.484540	-0.114973
3.84E-05	-0.020169	0.971926	
0.28175	1.161547	2.484540	-0.114973
3.84E-05	0.028070	-0.070494	
0.42263	1.161547	2.484540	-0.114973
3.84E-05	0.076308	-1.112914	
0.56350	1.161547	2.484540	-0.114973
3.84E-05	0.124547	-2.155334	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.161547	-2.484540	0.114973
-3.84E-05	0.068407	-2.014346	
0.14088	-1.161547	-2.484540	0.114973
-3.84E-05	0.020169	-0.971926	
0.28175	-1.161547	-2.484540	0.114973
-3.84E-05	-0.028070	0.070494	
0.42263	-1.161547	-2.484540	0.114973
-3.84E-05	-0.076308	1.112914	
0.56350	-1.161547	-2.484540	0.114973
-3.84E-05	-0.124547	2.155334	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.891590	2.484540	0.213315
4.90E-05	0.128995	3.262399	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14088	5.891590	2.484540	0.213315
4.90E-05	0.039496	2.310230	
0.28175	5.891590	2.484540	0.213315
4.90E-05	0.067138	1.358062	
0.42263	5.891590	2.484540	0.213315
4.90E-05	0.186583	1.144496	
0.56350	5.891590	2.484540	0.213315
4.90E-05	0.310028	2.155334	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.692486	-2.484540	-0.289456
-3.84E-05	-0.175751	-2.014346	
0.14088	-2.692486	-2.484540	-0.289456
-3.84E-05	-0.054307	-0.971926	
0.28175	-2.692486	-2.484540	-0.289456
-3.84E-05	-0.050003	-0.728800	
0.42263	-2.692486	-2.484540	-0.289456
-3.84E-05	-0.139502	-1.112914	
0.56350	-2.692486	-2.484540	-0.289456
-3.84E-05	-0.229001	-2.155334	

ELEM 188 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-2.524425	0.739386	0.172409
1.72E-05	0.181509	0.803549	
0.57749	-2.524425	0.739386	0.172409
1.72E-05	0.109209	0.493468	
0.71831	-2.524425	0.739386	0.172409
1.72E-05	0.036910	0.183428	
0.85916	-2.524425	0.739386	0.172409
1.72E-05	-0.035389	-0.126633	
1.00000	-2.524425	0.739386	0.172409
1.72E-05	-0.107689	-0.436693	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.734723	-2.625549	0.104107
4.58E-07	0.109433	-6.118258	
0.57747	-0.734723	-2.625549	0.104107
4.58E-07	0.065776	-5.017238	
0.71831	-0.734723	-2.625549	0.104107
4.58E-07	0.022119	-3.916218	
0.85916	-0.734723	-2.625549	0.104107
4.58E-07	-0.021538	-2.815197	
1.00000	-0.734723	-2.625549	0.104107
4.58E-07	-0.065195	-1.714177	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.356761	2.768252	-0.353150
-1.76E-05	-0.371892	8.651068	
0.57747	7.356761	2.768252	-0.353150
-1.76E-05	-0.223799	7.490206	
0.71831	7.356761	2.768252	-0.353150
-1.76E-05	-0.075706	6.329343	
0.85916	7.356761	2.768252	-0.353150
-1.76E-05	0.072387	5.168480	
1.00000	7.356761	2.768252	-0.353150
-1.76E-05	0.220480	4.007618	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.363321	-0.419192	0.123284
1.55E-07	0.129729	-1.376238	
0.57747	-1.363321	-0.419192	0.123284
1.55E-07	0.078030	-1.200451	
0.71831	-1.363321	-0.419192	0.123284
1.55E-07	0.026332	-1.024664	
0.85916	-1.363321	-0.419192	0.123284
1.55E-07	-0.025367	-0.848876	
1.00000	-1.363321	-0.419192	0.123284
1.55E-07	-0.077066	-0.673089	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-3.333127	-0.564868	-0.056828
-1.85E-07	-0.059426	-2.390259	
0.57747	-3.333127	-0.564868	-0.056828
-1.85E-07	-0.035595	-2.153382	
0.71831	-3.333127	-0.564868	-0.056828
-1.85E-07	-0.011765	-1.916506	
0.85916	-3.333127	-0.564868	-0.056828
-1.85E-07	0.012066	-1.679629	
1.00000	-3.333127	-0.564868	-0.056828
-1.85E-07	0.035897	-1.442753	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.598834	0.101970	0.010179
3.35E-08	0.010647	0.430138	
0.57747	0.598834	0.101970	0.010179
3.35E-08	0.006378	0.387377	
0.71831	0.598834	0.101970	0.010179
3.35E-08	0.002110	0.344616	
0.85916	0.598834	0.101970	0.010179
3.35E-08	-0.002159	0.301855	
1.00000	0.598834	0.101970	0.010179
3.35E-08	-0.006427	0.259094	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.499210	2.942770	-0.237569
-6.46E-07	-0.249809	7.064358	
0.57747	1.499210	2.942770	-0.237569
-6.46E-07	-0.150185	5.830312	
0.71831	1.499210	2.942770	-0.237569
-6.46E-07	-0.050560	4.596265	
0.85916	1.499210	2.942770	-0.237569
-6.46E-07	0.049064	3.362218	
1.00000	1.499210	2.942770	-0.237569
-6.46E-07	0.148688	2.128172	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.499210	-2.942770	0.237569
6.46E-07	0.249809	-7.064358	
0.57747	-1.499210	-2.942770	0.237569
6.46E-07	0.150185	-5.830312	
0.71831	-1.499210	-2.942770	0.237569
6.46E-07	0.050560	-4.596265	
0.85916	-1.499210	-2.942770	0.237569
6.46E-07	-0.049064	-3.362218	
1.00000	-1.499210	-2.942770	0.237569
6.46E-07	-0.148688	-2.128172	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	7.356761	2.942770	0.237569
1.72E-05	0.249809	8.651068	
0.57747	7.356761	2.942770	0.237569
1.72E-05	0.150185	7.490206	
0.71831	7.356761	2.942770	0.237569
1.72E-05	0.050560	6.329343	
0.85916	7.356761	2.942770	0.237569
1.72E-05	0.072387	5.168480	
1.00000	7.356761	2.942770	0.237569
1.72E-05	0.220480	4.007618	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-3.333127	-2.942770	-0.353150
-1.76E-05	-0.371892	-7.064358	
0.57747	-3.333127	-2.942770	-0.353150
-1.76E-05	-0.223799	-5.830312	
0.71831	-3.333127	-2.942770	-0.353150
-1.76E-05	-0.075706	-4.596265	
0.85916	-3.333127	-2.942770	-0.353150
-1.76E-05	-0.049064	-3.362218	
1.00000	-3.333127	-2.942770	-0.353150
-1.76E-05	-0.148688	-2.128172	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 189 ========== LENGTH = 2.977377

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.538736	0.719045	0.178374
-1.19E-06	0.112554	-0.431813	
0.14084	-2.538736	0.719045	0.178374
-1.19E-06	0.037754	-0.733341	
0.28169	-2.538736	0.719045	0.178374
-1.19E-06	-0.037047	-1.034868	
0.42253	-2.538736	0.719045	0.178374
-1.19E-06	-0.111847	-1.336395	
0.56337	-2.538736	0.719045	0.178374
-1.19E-06	-0.186647	-1.637923	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.705865	-2.474914	0.105633
-1.16E-05	0.008585	-1.729703	
0.14084	-0.705865	-2.474914	0.105633
-1.16E-05	0.022088	-0.686862	
0.28169	-0.705865	-2.474914	0.105633
-1.16E-05	-0.022208	0.350978	
0.42253	-0.705865	-2.474914	0.105633
-1.16E-05	-0.066504	1.388819	
0.56337	-0.705865	-2.474914	0.105633
-1.16E-05	-0.110801	2.426660	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.339137	2.564741	-0.365629
2.16E-05	-0.230644	4.014662	
0.14084	7.339137	2.564741	-0.365629
2.16E-05	-0.077319	2.939153	
0.28169	7.339137	2.564741	-0.365629
2.16E-05	0.076005	1.863643	
0.42253	7.339137	2.564741	-0.365629
2.16E-05	0.229330	0.788134	
0.56337	7.339137	2.564741	-0.365629
2.16E-05	0.382654	-0.287375	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.355962	-0.406565	0.126398
-1.37E-05	0.079576	-0.675267	
0.14084	-1.355962	-0.406565	0.126398
-1.37E-05	0.026571	-0.504776	
0.28169	-1.355962	-0.406565	0.126398
-1.37E-05	-0.026433	-0.334285	
0.42253	-1.355962	-0.406565	0.126398
-1.37E-05	-0.079438	-0.163795	
0.56337	-1.355962	-0.406565	0.126398
-1.37E-05	-0.132442	0.006696	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.338337	-0.491015	-0.054574
5.85E-06	-0.033972	-1.441802	
0.14084	-3.338337	-0.491015	-0.054574
5.85E-06	0.011087	-1.235898	
0.28169	-3.338337	-0.491015	-0.054574
5.85E-06	0.011798	-1.029994	
0.42253	-3.338337	-0.491015	-0.054574
5.85E-06	0.034684	-0.824090	
0.56337	-3.338337	-0.491015	-0.054574
5.85E-06	0.057569	-0.618186	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.599762	0.088707	0.009798
-1.05E-06	0.006102	0.258923	
0.14084	0.599762	0.088707	0.009798
-1.05E-06	0.001993	0.221724	
0.28169	0.599762	0.088707	0.009798
-1.05E-06	-0.002116	0.184526	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.599762	0.088707	0.009798
-1.05E-06	-0.006224	0.147327	
0.56337	0.599762	0.088707	0.009798
-1.05E-06	-0.010333	0.110128	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.462064	2.792772	-0.241829
2.63E-05	-0.152062	2.141046	
0.14084	1.462064	2.792772	-0.241829
2.63E-05	-0.050653	0.969914	
0.28169	1.462064	2.792772	-0.241829
2.63E-05	0.050757	-0.201219	
0.42253	1.462064	2.792772	-0.241829
2.63E-05	0.152166	-1.372351	
0.56337	1.462064	2.792772	-0.241829
2.63E-05	0.253576	-2.543483	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.462064	-2.792772	0.241829
-2.63E-05	0.152062	-2.141046	
0.14084	-1.462064	-2.792772	0.241829
-2.63E-05	0.050653	-0.969914	
0.28169	-1.462064	-2.792772	0.241829
-2.63E-05	-0.050757	0.201219	
0.42253	-1.462064	-2.792772	0.241829
-2.63E-05	-0.152166	1.372351	
0.56337	-1.462064	-2.792772	0.241829
-2.63E-05	-0.253576	2.543483	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.339137	2.792772	0.241829
2.63E-05	0.152062	4.014662	
0.14084	7.339137	2.792772	0.241829
2.63E-05	0.050653	2.939153	
0.28169	7.339137	2.792772	0.241829
2.63E-05	0.076005	1.863643	
0.42253	7.339137	2.792772	0.241829
2.63E-05	0.229330	1.388819	
0.56337	7.339137	2.792772	0.241829
2.63E-05	0.382654	2.543483	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.338337	-2.792772	-0.365629
-2.63E-05	-0.230644	-2.141046	
0.14084	-3.338337	-2.792772	-0.365629
-2.63E-05	-0.077319	-1.235898	
0.28169	-3.338337	-2.792772	-0.365629
-2.63E-05	-0.050757	-1.034868	
0.42253	-3.338337	-2.792772	-0.365629
-2.63E-05	-0.152166	-1.372351	
0.56337	-3.338337	-2.792772	-0.365629
-2.63E-05	-0.253576	-2.543483	

ELEM 190 ========== LENGTH = 2.977627

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-2.026640	0.759530	0.130935
3.68E-06	0.141679	1.128993	
0.57744	-2.026640	0.759530	0.130935
3.68E-06	0.086764	0.810441	
0.71829	-2.026640	0.759530	0.130935
3.68E-06	0.031849	0.491889	
0.85915	-2.026640	0.759530	0.130935
3.68E-06	-0.023067	0.173336	
1.00000	-2.026640	0.759530	0.130935
3.68E-06	-0.077982	-0.145216	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.584903	-2.197955	0.190991
1.62E-05	0.206136	-5.364499	
0.57744	-0.584903	-2.197955	0.190991
1.62E-05	0.126034	-4.442661	
0.71829	-0.584903	-2.197955	0.190991
1.62E-05	0.045931	-3.520824	
0.85915	-0.584903	-2.197955	0.190991
1.62E-05	-0.034172	-2.598987	
1.00000	-0.584903	-2.197955	0.190991
1.62E-05	-0.114275	-1.677149	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	5.918631	2.031729	-0.422094
-1.10E-05	-0.455447	6.654840	
0.57744	5.918631	2.031729	-0.422094
-1.10E-05	-0.278418	5.802719	
0.71829	5.918631	2.031729	-0.422094
-1.10E-05	-0.101389	4.950598	
0.85915	5.918631	2.031729	-0.422094
-1.10E-05	0.075641	4.098477	
1.00000	5.918631	2.031729	-0.422094
-1.10E-05	0.252670	3.246356	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.092596	-0.321867	0.137804
-1.85E-06	0.149078	-1.071837	
0.57744	-1.092596	-0.321867	0.137804
-1.85E-06	0.091282	-0.936843	
0.71829	-1.092596	-0.321867	0.137804
-1.85E-06	0.033486	-0.801850	
0.85915	-1.092596	-0.321867	0.137804
-1.85E-06	-0.024310	-0.666857	
1.00000	-1.092596	-0.321867	0.137804
-1.85E-06	-0.082105	-0.531863	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-2.699507	-0.331105	-0.045818
-8.59E-06	-0.050463	-1.642684	
0.57744	-2.699507	-0.331105	-0.045818
-8.59E-06	-0.031247	-1.504016	
0.71829	-2.699507	-0.331105	-0.045818
-8.59E-06	-0.012030	-1.365149	
0.85915	-2.699507	-0.331105	-0.045818
-8.59E-06	0.007186	-1.226281	
1.00000	-2.699507	-0.331105	-0.045818
-8.59E-06	0.026403	-1.087413	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.485016	0.059668	0.008183
1.54E-06		0.009017	0.295386	
0.57744		0.485016	0.059668	0.008183
1.54E-06		0.005585	0.270361	
0.71829		0.485016	0.059668	0.008183
1.54E-06		0.002153	0.245336	
0.85915		0.485016	0.059668	0.008183
1.54E-06		-0.001279	0.220311	
1.00000		0.485016	0.059668	0.008183
1.54E-06		-0.004711	0.195286	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		1.192484	2.460155	-0.336977
-1.59E-05		-0.364231	6.140949	
0.57744		1.192484	2.460155	-0.336977
-1.59E-05		-0.222901	5.109143	
0.71829		1.192484	2.460155	-0.336977
-1.59E-05		-0.081570	4.077338	
0.85915		1.192484	2.460155	-0.336977
-1.59E-05		0.059761	3.045532	
1.00000		1.192484	2.460155	-0.336977
-1.59E-05		0.201091	2.013727	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
402

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-1.192484	-2.460155	0.336977
1.59E-05		0.364231	-6.140949	
0.57744		-1.192484	-2.460155	0.336977
1.59E-05		0.222901	-5.109143	
0.71829		-1.192484	-2.460155	0.336977
1.59E-05		0.081570	-4.077338	
0.85915		-1.192484	-2.460155	0.336977
1.59E-05		-0.059761	-3.045532	
1.00000		-1.192484	-2.460155	0.336977
1.59E-05		-0.201091	-2.013727	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		5.918631	2.460155	0.336977
1.62E-05		0.364231	6.654840	
0.57744		5.918631	2.460155	0.336977
1.62E-05		0.222901	5.802719	
0.71829		5.918631	2.460155	0.336977
1.62E-05		0.081570	4.950598	
0.85915		5.918631	2.460155	0.336977
1.62E-05		0.075641	4.098477	
1.00000		5.918631	2.460155	0.336977
1.62E-05		0.252670	3.246356	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-2.699507	-2.460155	-0.422094
-1.59E-05		-0.455447	-6.140949	
0.57744		-2.699507	-2.460155	-0.422094
-1.59E-05		-0.278418	-5.109143	
0.71829		-2.699507	-2.460155	-0.422094
-1.59E-05		-0.101389	-4.077338	
0.85915		-2.699507	-2.460155	-0.422094
-1.59E-05		-0.059761	-3.045532	
1.00000		-2.699507	-2.460155	-0.422094
-1.59E-05		-0.201091	-2.013727	

ELEM 191 ========== LENGTH = 2.977613

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.063547	0.755852	0.122321
9.45E-07		0.072352	-0.139288	
0.14085		-2.063547	0.755852	0.122321
9.45E-07		0.021051	-0.456294	
0.28170		-2.063547	0.755852	0.122321
9.45E-07		-0.030251	-0.773301	
0.42256		-2.063547	0.755852	0.122321
9.45E-07		-0.081553	-1.090308	
0.56341		-2.063547	0.755852	0.122321
9.45E-07		-0.132855	-1.407315	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.582737	-2.283482	0.189642
-9.31E-07		0.113462	-1.690505	
0.14085		-0.582737	-2.283482	0.189642
-9.31E-07		0.033925	-0.732805	
0.28170		-0.582737	-2.283482	0.189642
-9.31E-07		-0.045611	0.224895	
0.42256		-0.582737	-2.283482	0.189642
-9.31E-07		-0.125148	1.182594	
0.56341		-0.582737	-2.283482	0.189642
-9.31E-07		-0.204685	2.140294	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.960745	2.197771	-0.394048
-2.34E-06		-0.233737	3.255702	
0.14085		5.960745	2.197771	-0.394048
-2.34E-06		-0.068472	2.333950	
0.28170		5.960745	2.197771	-0.394048
-2.34E-06		0.096793	1.412198	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
403

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42256		5.960745	2.197771	-0.394048
-2.34E-06		0.490446	-0.430058	
0.56341		5.960745	2.197771	-0.394048
-2.34E-06		0.427323	-0.431306	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.109179	-0.370277	0.133605
-1.14E-05		0.079377	-0.534190	
0.14085		-1.109179	-0.370277	0.133605
-1.14E-05		0.023343	-0.378894	
0.28170		-1.109179	-0.370277	0.133605
-1.14E-05		-0.032692	-0.223599	
0.42256		-1.109179	-0.370277	0.133605
-1.14E-05		-0.088726	-0.068303	
0.56341		-1.109179	-0.370277	0.133605
-1.14E-05		-0.144760	0.086992	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.688283	-0.365752	-0.062781
1.67E-05		-0.038334	-1.086917	
0.14085		-2.688283	-0.365752	-0.062781
1.67E-05		-0.012003	-0.933519	
0.28170		-2.688283	-0.365752	-0.062781
1.67E-05		0.014327	-0.780122	
0.42256		-2.688283	-0.365752	-0.062781
1.67E-05		0.040658	-0.626724	
0.56341		-2.688283	-0.365752	-0.062781
1.67E-05		0.066988	-0.473327	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.483001	0.065888	0.011261
-3.00E-06		0.006880	0.195197	
0.14085		0.483001	0.065888	0.011261
-3.00E-06		0.002157	0.167563	
0.28170		0.483001	0.065888	0.011261
-3.00E-06		-0.002566	0.139929	
0.42256		0.483001	0.065888	0.011261
-3.00E-06		-0.007289	0.112296	
0.56341		0.483001	0.065888	0.011261
-3.00E-06		-0.012011	0.084662	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.208915	2.587871	-0.334508
1.53E-05		-0.199719	2.029498	
0.14085		1.208915	2.587871	-0.334508
1.53E-05		-0.059425	0.944136	
0.28170		1.208915	2.587871	-0.334508
1.53E-05		0.080869	-0.141225	
0.42256		1.208915	2.587871	-0.334508
1.53E-05		0.221163	-1.226587	
0.56341		1.208915	2.587871	-0.334508
1.53E-05		0.361456	-2.311948	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.208915	-2.587871	0.334508
-1.53E-05		0.199719	-2.029498	
0.14085		-1.208915	-2.587871	0.334508
-1.53E-05		0.059425	-0.944136	
0.28170		-1.208915	-2.587871	0.334508
-1.53E-05		-0.080869	0.141225	
0.42256		-1.208915	-2.587871	0.334508
-1.53E-05		-0.221163	1.226587	
0.56341		-1.208915	-2.587871	0.334508
-1.53E-05		-0.361456	2.311948	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		5.960745	2.587871	0.334508
1.67E-05		0.199719	3.255702	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
404

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14085		5.960745	2.587871	0.334508
1.67E-05		0.059425	2.333950	
0.28170		5.960745	2.587871	0.334508
1.67E-05		0.096793	1.412198	
0.42256		5.960745	2.587871	0.334508
1.67E-05		0.262058	1.226587	
0.56341		5.960745	2.587871	0.334508
1.67E-05		0.427323	2.311948	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-2.688283	-2.587871	-0.394048
-1.53E-05		-0.233737	-2.029498	
0.14085		-2.688283	-2.587871	-0.394048
-1.53E-05		-0.068472	-0.944136	
0.28170		-2.688283	-2.587871	-0.394048
-1.53E-05		-0.080869	-0.780122	
0.42256		-2.688283	-2.587871	-0.394048
-1.53E-05		-0.221163	-1.226587	
0.56341		-2.688283	-2.587871	-0.394048
-1.53E-05		-0.361456	-2.311948	

ELEM 192 ========== LENGTH = 2.977542

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.901186	0.642432	0.070500
9.76E-07		0.078507	1.145618	
0.57745		-0.901186	0.642432	0.070500
9.76E-07		0.048940	0.876192	
0.71830		-0.901186	0.642432	0.070500
9.76E-07		0.019374	0.606765	
0.85915		-0.901186	0.642432	0.070500
9.76E-07		-0.010193	0.337338	
1.00000		-0.901186	0.642432	0.070500
9.76E-07		-0.039760	0.067912	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.281550	-1.579129	0.294329
3.43E-05		0.329654	-4.043543	
0.57745		-0.281550	-1.579129	0.294329
3.43E-05		0.206217	-3.381279	
0.71830		-0.281550	-1.579129	0.294329
3.43E-05		0.082780	-2.719015	
0.85915		-0.281550	-1.579129	0.294329
3.43E-05		0.040658	-2.056751	
1.00000		-0.281550	-1.579129	0.294329
3.43E-05		-0.164095	-1.394487	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		2.654335	1.205448	-0.471529
-3.37E-05		-0.526959	4.260286	
0.57745		2.654335	1.205448	-0.471529
-3.37E-05		-0.329206	3.754738	
0.71830		2.654335	1.205448	-0.471529
-3.37E-05		-0.131454	3.249191	
0.85915		2.654335	1.205448	-0.471529
-3.37E-05		0.066298	2.743643	
1.00000		2.654335	1.205448	-0.471529
-3.37E-05		0.264050	2.238096	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.494995	-0.162471	0.144461
7.17E-07		0.161856	-0.609215	
0.57745		-0.494995	-0.162471	0.144461
7.17E-07		0.101272	-0.541078	
0.71830		-0.494995	-0.162471	0.144461
7.17E-07		0.040687	-0.472940	
0.85915		-0.494995	-0.162471	0.144461
7.17E-07		-0.019898	-0.404802	
1.00000		-0.494995	-0.162471	0.144461
7.17E-07		-0.080483	-0.336664	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
405

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-1.190556	-0.129576	-0.045954
-2.75E-06		-0.052410	-0.918075	
0.57745		-1.190556	-0.129576	-0.045954
-2.75E-06		-0.033138	-0.863733	
0.71830		-1.190556	-0.129576	-0.045954
-2.75E-06		-0.013865	-0.809391	
0.85915		-1.190556	-0.129576	-0.045954
-2.75E-06		0.005408	-0.755049	
1.00000		-1.190556	-0.129576	-0.045954
-2.75E-06		0.024680	-0.700707	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.213951	0.023296	0.008193
4.92E-07		0.009351	0.164931	
0.57745		0.213951	0.023296	0.008193
4.92E-07		0.005915	0.155160	
0.71830		0.213951	0.023296	0.008193
4.92E-07		0.002479	0.145390	
0.85915		0.213951	0.023296	0.008193
4.92E-07		-0.000957	0.135620	
1.00000		0.213951	0.023296	0.008193
4.92E-07		-0.004393	0.125850	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.562594	1.718304	-0.446983
-3.55E-05		-0.500862	4.487828	
0.57745		0.562594	1.718304	-0.446983
-3.55E-05		-0.313404	3.767196	
0.71830		0.562594	1.718304	-0.446983
-3.55E-05		-0.125945	3.046565	
0.85915		0.562594	1.718304	-0.446983
-3.55E-05		0.061513	2.325933	
1.00000		0.562594	1.718304	-0.446983
-3.55E-05		0.248971	1.605301	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.562594	-1.718304	0.446983
3.55E-05		0.500862	-4.487828	
0.57745		-0.562594	-1.718304	0.446983
3.55E-05		0.313404	-3.767196	
0.71830		-0.562594	-1.718304	0.446983
3.55E-05		0.125945	-3.046565	
0.85915		-0.562594	-1.718304	0.446983
3.55E-05		-0.061513	-2.325933	
1.00000		-0.562594	-1.718304	0.446983
3.55E-05		-0.248971	-1.605301	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		2.654335	1.718304	0.446983
3.55E-05		0.500862	4.487828	
0.57745		2.654335	1.718304	0.446983
3.55E-05		0.313404	3.767196	
0.71830		2.654335	1.718304	0.446983
3.55E-05		0.125945	3.249191	
0.85915		2.654335	1.718304	0.446983
3.55E-05		0.066298	2.743643	
1.00000		2.654335	1.718304	0.446983
3.55E-05		0.264050	2.238096	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-1.190556	-1.718304	-0.471529
-3.55E-05		-0.526959	-4.487828	
0.57745		-1.190556	-1.718304	-0.471529
-3.55E-05		-0.329206	-3.767196	
0.71830		-1.190556	-1.718304	-0.471529
-3.55E-05		-0.131454	-3.046565	
0.85915		-1.190556	-1.718304	-0.471529
-3.55E-05		-0.061513	-2.325933	
1.00000		-1.190556	-1.718304	-0.471529
-3.55E-05		-0.248971	-1.605301	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
406

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 193 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.915564	0.692882	0.063243
-7.02E-06		0.035143	0.075312	
0.14085		-0.915564	0.692882	0.063243
-7.02E-06		0.008620	-0.215271	
0.28170		-0.915564	0.692882	0.063243
-7.02E-06		-0.017903	-0.505854	
0.42255		-0.915564	0.692882	0.063243
-7.02E-06		-0.044426	-0.796437	
0.56340		-0.915564	0.692882	0.063243
-7.02E-06		-0.070949	-1.087020	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.248192	-1.676178	0.295796
2.08E-06		0.116548	-1.692832	
0.14085		-0.248192	-1.676178	0.295796
2.08E-06		0.041426	-0.706871	
0.28170		-0.248192	-1.676178	0.295796
2.08E-06		-0.082626	-0.003910	
0.42255		-0.248192	-1.676178	0.295796
2.08E-06		-0.206677	0.699051	
0.56340		-0.248192	-1.676178	0.295796
2.08E-06		-0.330729	1.402012	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.632472	1.255630	-0.451253
1.09E-05		-0.251059	2.246900	
0.14085		2.632472	1.255630	-0.451253
1.09E-05		-0.061811	1.720310	
0.28170		2.632472	1.255630	-0.451253
1.09E-05		0.127437	1.193719	
0.42255		2.632472	1.255630	-0.451253
1.09E-05		0.316685	0.667129	
0.56340		2.632472	1.255630	-0.451253
1.09E-05		0.505933	0.140539	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.490874	-0.175895	0.141725
-1.47E-05		0.078877	-0.337789	
0.14085		-0.490874	-0.175895	0.141725
-1.47E-05		0.019440	-0.264021	
0.28170		-0.490874	-0.175895	0.141725
-1.47E-05		-0.039997	-0.190254	
0.42255		-0.490874	-0.175895	0.141725
-1.47E-05		-0.099434	-0.116486	
0.56340		-0.490874	-0.175895	0.141725
-1.47E-05		-0.158871	-0.042719	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.192063	-0.117580	-0.060329
1.07E-05		-0.034662	-0.700383	
0.14085		-1.192063	-0.117580	-0.060329
1.07E-05		0.003061	-0.551072	
0.28170		-1.192063	-0.117580	-0.060329
1.07E-05		0.015940	-0.601761	
0.42255		-1.192063	-0.117580	-0.060329
1.07E-05		0.041241	-0.552450	
0.56340		-1.192063	-0.117580	-0.060329
1.07E-05		0.066542	-0.503139	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.214220	0.021141	0.010819
-1.91E-06		0.006223	0.125792	
0.14085		0.214220	0.021141	0.010819
-1.91E-06		0.001685	0.116925	
0.28170		0.214220	0.021141	0.010819
-1.91E-06		-0.002852	0.108059	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
407

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42255		0.214220	0.021141	0.010819
-1.91E-06		-0.007389	0.099193	
0.56340		0.214220	0.021141	0.010819
-1.91E-06		-0.011926	0.090326	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.524846	1.830932	-0.448339
1.46E-05		-0.250577	1.621829	
0.14085		0.524846	1.830932	-0.448339
1.46E-05		-0.062551	0.853967	
0.28170		0.524846	1.830932	-0.448339
1.46E-05		0.125475	0.086105	
0.42255		0.524846	1.830932	-0.448339
1.46E-05		0.313501	-0.681757	
0.56340		0.524846	1.830932	-0.448339
1.46E-05		0.501527	-1.449620	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.524846	-1.830932	0.448339
-1.46E-05		0.250577	-1.621829	
0.14085		-0.524846	-1.830932	0.448339
-1.46E-05		0.062551	-0.853967	
0.28170		-0.524846	-1.830932	0.448339
-1.46E-05		-0.125475	-0.086105	
0.42255		-0.524846	-1.830932	0.448339
-1.46E-05		-0.313501	0.681757	
0.56340		-0.524846	-1.830932	0.448339
-1.46E-05		-0.501527	1.449620	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		2.632472	1.830932	0.448339
1.46E-05		0.250577	2.246900	
0.14085		2.632472	1.830932	0.448339
1.46E-05		0.062551	1.720310	
0.28170		2.632472	1.830932	0.448339
1.46E-05		0.127437	1.193719	
0.42255		2.632472	1.830932	0.448339
1.46E-05		0.316685	0.667129	
0.56340		2.632472	1.830932	0.448339
1.46E-05		0.505933	1.449620	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-1.192063	-1.830932	-0.451253
-1.47E-05		-0.251059	-1.621829	
0.14085		-1.192063	-1.830932	-0.451253
-1.47E-05		-0.062551	-0.853967	
0.28170		-1.192063	-1.830932	-0.451253
-1.47E-05		-0.125475	-0.601761	
0.42255		-1.192063	-1.830932	-0.451253
-1.47E-05		-0.313501	-0.796437	
0.56340		-1.192063	-1.830932	-0.451253
-1.47E-05		-0.501527	-1.449620	

ELEM 194 ========== LENGTH = 2.976473

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.189749	0.448394	0.019558
-3.86E-06		0.021811	0.840537	
0.57757		-0.189749	0.448394	0.019558
-3.86E-06		0.013614	0.652607	
0.71838		-0.189749	0.448394	0.019558
-3.86E-06		0.005417	0.464677	
0.85919		-0.189749	0.448394	0.019558
-3.86E-06		-0.002780	0.276747	
1.00000		-0.189749	0.448394	0.019558
-3.86E-06		-0.010977	0.088817	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
408

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.073947	-0.955331	0.394959
4.53E-05		0.441620	-2.602560	
0.57757		-0.073947	-0.955331	0.394959
4.53E-05		0.276086	-2.202164	
0.71838		-0.073947	-0.955331	0.394959
4.53E-05		0.110552	-1.801767	
0.85919		-0.073947	-0.955331	0.394959
4.53E-05		-0.054983	-1.401371	
1.00000		-0.073947	-0.955331	0.394959
4.53E-05		-0.220517	-1.000974	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		0.572160	0.568307	-0.518885
-4.12E-05		-0.580287	2.451756	
0.57757		0.572160	0.568307	-0.518885
-4.12E-05		-0.362813	2.213588	
0.71838		0.572160	0.568307	-0.518885
-4.12E-05		-0.145339	1.975381	
0.85919		0.572160	0.568307	-0.518885
-4.12E-05		0.072135	1.737193	
1.00000		0.572160	0.568307	-0.518885
-4.12E-05		0.289610	1.499005	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.106215	-0.041385	0.146437
2.61E-06		0.163997	-0.266888	
0.57757		-0.106215	-0.041385	0.146437
2.61E-06		0.102623	-0.249543	
0.71838		-0.106215	-0.041385	0.146437
2.61E-06		0.041248	-0.232198	
0.85919		-0.106215	-0.041385	0.146437
2.61E-06		-0.020126	-0.214853	
1.00000		-0.106215	-0.041385	0.146437
2.61E-06		-0.081501	-0.197508	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.246600	-0.024346	-0.051196
-3.46E-06		-0.057380	-0.515417	
0.57757		-0.246600	-0.024346	-0.051196
-3.46E-06		-0.035923	-0.505213	
0.71838		-0.246600	-0.024346	-0.051196
-3.46E-06		-0.014466	-0.495009	
0.85919		-0.246600	-0.024346	-0.051196
-3.46E-06		0.006991	-0.484805	
1.00000		-0.246600	-0.024346	-0.051196
-3.46E-06		0.028449	-0.474601	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		0.044351	0.004361	0.009128
6.21E-07		0.010239	0.092573	
0.57757		0.044351	0.004361	0.009128
6.21E-07		0.006413	0.090745	
0.71838		0.044351	0.004361	0.009128
6.21E-07		0.002588	0.088917	
0.85919		0.044351	0.004361	0.009128
6.21E-07		-0.001238	0.087089	
1.00000		0.044351	0.004361	0.009128
6.21E-07		-0.005064	0.085261	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		0.135810	0.992354	-0.550524
-4.85E-05		-0.615856	2.776876	
0.57757		0.135810	0.992354	-0.550524
-4.85E-05		-0.385122	2.360962	
0.71838		0.135810	0.992354	-0.550524
-4.85E-05		-0.154388	1.945048	
0.85919		0.135810	0.992354	-0.550524
-4.85E-05		0.076347	1.529135	
1.00000		0.135810	0.992354	-0.550524
-4.85E-05		0.307081	1.113221	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
409

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.135810	-0.992354	0.550524
4.85E-05		0.615856	-2.776876	
0.57757		-0.135810	-0.992354	0.550524
4.85E-05		0.385122	-2.360962	
0.71838		-0.135810	-0.992354	0.550524
4.85E-05		0.154388	-1.945048	
0.85919		-0.135810	-0.992354	0.550524
4.85E-05		-0.076347	-1.529135	
1.00000		-0.135810	-0.992354	0.550524
4.85E-05		-0.307081	-1.113221	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		0.572160	0.992354	0.550524
4.85E-05		0.615856	2.776876	
0.57757		0.572160	0.992354	0.550524
4.85E-05		0.385122	2.360962	
0.71838		0.572160	0.992354	0.550524
4.85E-05		0.154388	1.975381	
0.85919		0.572160	0.992354	0.550524
4.85E-05		0.076347	1.737193	
1.00000		0.572160	0.992354	0.550524
4.85E-05		0.307081	1.499005	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43676		-0.246600	-0.992354	-0.550524
-4.85E-05		-0.615856	-2.776876	
0.57757		-0.246600	-0.992354	-0.550524
-4.85E-05		-0.385122	-2.360962	
0.71838		-0.246600	-0.992354	-0.550524
-4.85E-05		-0.154388	-1.945048	
0.85919		-0.246600	-0.992354	-0.550524
-4.85E-05		-0.076347	-1.529135	
1.00000		-0.246600	-0.992354	-0.550524
-4.85E-05		-0.307081	-1.113221	

ELEM 195 ========== LENGTH = 2.977593

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.199067	0.420083	0.018560
-5.35E-06		0.010825	0.395169	
0.14085		-0.199067	0.420083	0.018560
-5.35E-06		0.003041	-0.081013	
0.28170		-0.199067	0.420083	0.018560
-5.35E-06		-0.004743	-0.257195	
0.42255		-0.199067	0.420083	0.018560
-5.35E-06		-0.012528	-0.433377	
0.56341		-0.199067	0.420083	0.018560
-5.35E-06		-0.020312	-0.609559	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.055447	-0.914439	0.399429
-3.38E-06		0.224399	-1.013071	
0.14085		-0.055447	-0.914439	0.399429
-3.38E-06		0.056879	-0.629557	
0.28170		-0.055447	-0.914439	0.399429
-3.38E-06		-0.110640	-0.246043	
0.42255		-0.055447	-0.914439	0.399429
-3.38E-06		-0.278160	0.137471	
0.56341		-0.055447	-0.914439	0.399429
-3.38E-06		-0.445680	0.520986	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.562794	0.573585	-0.519301
1.70E-05		-0.291888	1.504067	
0.14085		0.562794	0.573585	-0.519301
1.70E-05		-0.074094	1.263507	
0.28170		0.562794	0.573585	-0.519301
1.70E-05		0.143701	1.022946	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
410

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42255		0.562794	0.573585	-0.519301
1.70E-05		0.361495	0.782386	
0.56341		0.562794	0.573585	-0.519301
1.70E-05		0.579289	0.541825	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.106180	-0.062170	0.147168
-1.65E-05		0.082471	-0.196605	
0.14085		-0.106180	-0.062170	0.147168
-1.65E-05		0.020749	-0.170531	
0.28170		-0.106180	-0.062170	0.147168
-1.65E-05		-0.040974	-0.144458	
0.42255		-0.106180	-0.062170	0.147168
-1.65E-05		-0.102696	-0.118384	
0.56341		-0.106180	-0.062170	0.147168
-1.65E-05		-0.164418	-0.092310	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.246419	-0.020779	-0.055887
1.01E-05		-0.031463	-0.474869	
0.14085		-0.246419	-0.020779	-0.055887
1.01E-05		-0.008024	-0.466154	
0.28170		-0.246419	-0.020779	-0.055887
1.01E-05		0.015415	-0.457440	
0.42255		-0.246419	-0.020779	-0.055887
1.01E-05		0.038854	-0.448725	
0.56341		-0.246419	-0.020779	-0.055887
1.01E-05		0.062293	-0.440011	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.044320	0.003720	0.010031
-1.80E-06		0.005656	0.085309	
0.14085		0.044320	0.003720	0.010031
-1.80E-06		0.001449	0.083749	
0.28170		0.044320	0.003720	0.010031
-1.80E-06		-0.002758	0.082189	
0.42255		0.044320	0.003720	0.010031
-1.80E-06		-0.006965	0.080629	
0.56341		0.044320	0.003720	0.010031
-1.80E-06		-0.011172	0.079069	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.117307	0.972889	-0.556628
2.17E-05		-0.312526	1.124367	
0.14085		0.117307	0.972889	-0.556628
2.17E-05		-0.079077	0.716339	
0.28170		0.117307	0.972889	-0.556628
2.17E-05		0.154372	0.308311	
0.42255		0.117307	0.972889	-0.556628
2.17E-05		0.387821	-0.099717	
0.56341		0.117307	0.972889	-0.556628
2.17E-05		0.621270	-0.507745	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.117307	-0.972889	0.556628
-2.17E-05		0.312526	1.124367	
0.14085		-0.117307	-0.972889	0.556628
-2.17E-05		0.079077	-0.716339	
0.28170		-0.117307	-0.972889	0.556628
-2.17E-05		-0.154372	-0.308311	
0.42255		-0.117307	-0.972889	0.556628
-2.17E-05		-0.387821	0.099717	
0.56341		-0.117307	-0.972889	0.556628
-2.17E-05		-0.621270	0.507745	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.562794	0.972889	0.556628
2.17E-05		0.312526	1.504067	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
411

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14085		0.562794	0.972889	0.556628
2.17E-05		0.079077	1.263507	
0.28170		0.562794	0.972889	0.556628
2.17E-05		0.154372	1.022946	
0.42255		0.562794	0.972889	0.556628
2.17E-05		0.387821	0.782386	
0.56341		0.562794	0.972889	0.556628
2.17E-05		0.621270	0.541825	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.246419	-0.972889	-0.556628
-2.17E-05		-0.312526	-1.124367	
0.14085		-0.246419	-0.972889	-0.556628
-2.17E-05		-0.079077	-0.716339	
0.28170		-0.246419	-0.972889	-0.556628
-2.17E-05		-0.154372	-0.457440	
0.42255		-0.246419	-0.972889	-0.556628
-2.17E-05		-0.387821	-0.448725	
0.56341		-0.246419	-0.972889	-0.556628
-2.17E-05		-0.621270	-0.609559	

ELEM 196 ========== LENGTH = 2.977541

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.057964	0.231815	-0.024534
-4.95E-06		-0.027228	0.508025	
0.57757		0.057964	0.231815	-0.024534
-4.95E-06		-0.016938	0.410805	
0.71830		0.057964	0.231815	-0.024534
-4.95E-06		-0.006649	0.313585	
0.85915		0.057964	0.231815	-0.024534
-4.95E-06		0.003640	0.216365	
1.00000		0.057964	0.231815	-0.024534
-4.95E-06		0.013929	0.119145	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.008339	-0.443782	0.472245
4.82E-05		0.528596	-1.478048	
0.57745		0.008339	-0.443782	0.472245
4.82E-05		0.330543	-1.291932	
0.71830		0.008339	-0.443782	0.472245
4.82E-05		0.132491	-1.105817	
0.85915		0.008339	-0.443782	0.472245
4.82E-05		-0.065561	-0.919701	
1.00000		0.008339	-0.443782	0.472245
4.82E-05		-0.263614	-0.733585	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.175718	0.198108	-0.538946
-4.27E-05		-0.604174	1.276083	
0.57745		-0.175718	0.198108	-0.538946
-4.27E-05		-0.378148	1.193000	
0.71830		-0.175718	0.198108	-0.538946
-4.27E-05		-0.152122	1.109916	
0.85915		-0.175718	0.198108	-0.538946
-4.27E-05		0.073904	1.026832	
1.00000		-0.175718	0.198108	-0.538946
-4.27E-05		0.299931	0.943748	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.043092	0.012028	0.132361
1.34E-06		0.148621	-0.041921	
0.57745		0.043092	0.012028	0.132361
1.34E-06		0.093111	-0.046965	
0.71830		0.043092	0.012028	0.132361
1.34E-06		0.037601	-0.052009	
0.85915		0.043092	0.012028	0.132361
1.34E-06		-0.017910	-0.057054	
1.00000		0.043092	0.012028	0.132361
1.34E-06		-0.073420	-0.062098	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
412

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.080802	0.002226	-0.050051
-2.37E-06		-0.055772	-0.322034	
0.57745		0.080802	0.002226	-0.050051
-2.37E-06		-0.034781	-0.322968	
0.71830		0.080802	0.002226	-0.050051
-2.37E-06		-0.013791	-0.323901	
0.85915		0.080802	0.002226	-0.050051
-2.37E-06		0.007200	-0.324835	
1.00000		0.080802	0.002226	-0.050051
-2.37E-06		0.028190	-0.325768	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.014479	-0.000396	0.008926
4.26E-07		0.040957	0.057894	
0.57745		-0.014479	-0.000396	0.008926
4.26E-07		0.006214	0.058060	
0.71830		-0.014479	-0.000396	0.008926
4.26E-07		0.002470	0.058226	
0.85915		-0.014479	-0.000396	0.008926
4.26E-07		-0.001273	0.058392	
1.00000		-0.014479	-0.000396	0.008926
4.26E-07		-0.005016	0.058558	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.036952	0.432150	-0.613531
-5.00E-05		-0.687174	1.462074	
0.57745		-0.036952	0.432150	-0.613531
-5.00E-05		-0.429868	1.280837	
0.71830		-0.036952	0.432150	-0.613531
-5.00E-05		-0.172562	1.099600	
0.85915		-0.036952	0.432150	-0.613531
-5.00E-05		0.084744	0.918363	
1.00000		-0.036952	0.432150	-0.613531
-5.00E-05		0.342050	0.737126	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.036952	-0.432150	0.613531
5.00E-05		0.687174	-1.462074	
0.57745		0.036952	-0.432150	0.613531
5.00E-05		0.429868	-1.280837	
0.71830		0.036952	-0.432150	0.613531
5.00E-05		0.172562	-1.099600	
0.85915		0.036952	-0.432150	0.613531
5.00E-05		-0.084744	-0.918363	
1.00000		0.036952	-0.432150	0.613531
5.00E-05		-0.342050	-0.737126	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.080802	0.432150	0.613531
5.00E-05		0.687174	1.462074	
0.57745		0.080802	0.432150	0.613531
5.00E-05		0.429868	1.280837	
0.71830		0.080802	0.432150	0.613531
5.00E-05		0.172562	1.109916	
0.85915		0.080802	0.432150	0.613531
5.00E-05		0.084744	1.026832	
1.00000		0.080802	0.432150	0.613531
5.00E-05		0.342050	0.943748	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.175718	-0.443782	-0.613531
-5.00E-05		-0.687174	-1.478048	
0.57745		-0.175718	-0.443782	-0.613531
-5.00E-05		-0.429868	-1.291932	
0.71830		-0.175718	-0.443782	-0.613531
-5.00E-05		-0.172562	-1.105817	
0.85915		-0.175718	-0.443782	-0.613531
-5.00E-05		-0.084744	-0.919701	
1.00000		-0.175718	-0.443782	-0.613531
-5.00E-05		-0.342050	-0.737126	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
413

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 197 ========== LENGTH = 2.977660

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.046069	0.272674	-0.022529
-2.51E-06		-0.012086	0.125138	
0.14085		0.046069	0.272674	-0.022529
-2.51E-06		-0.002637	0.010775	
0.28171		0.046069	0.272674	-0.022529
-2.51E-06		0.006812	-0.103588	
0.42256		0.046069	0.272674	-0.022529
-2.51E-06		0.016261	-0.217952	
0.56342		0.046069	0.272674	-0.022529
-2.51E-06		0.025711	-0.332315	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.028694	-0.521795	0.480572
-8.72E-06		0.270275	-1.478424	
0.14085		0.028694	-0.521795	0.480572
-8.72E-06		0.068716	-0.524575	
0.28171		0.028694	-0.521795	0.480572
-8.72E-06		-0.132843	-0.305727	
0.42256		0.028694	-0.521795	0.480572
-8.72E-06		-0.334402	-0.086878	
0.56342		0.028694	-0.521795	0.480572
-8.72E-06		-0.535962	0.131971	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.180135	0.231774	-0.552860
1.78E-05		-0.311626	0.944923	
0.14085		-0.180135	0.231774	-0.552860
1.78E-05		-0.079748	0.847713	
0.28171		-0.180135	0.231774	-0.552860
1.78E-05		0.152130	0.750504	
0.42256		-0.180135	0.231774	-0.552860
1.78E-05		0.384007	0.653295	
0.56342		-0.180135	0.231774	-0.552860
1.78E-05		0.615885	0.556085	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.037863	0.015825	0.135223
-1.27E-05		0.075815	-0.058645	
0.14085		0.037863	0.015825	0.135223
-1.27E-05		0.019100	-0.065282	
0.28171		0.037863	0.015825	0.135223
-1.27E-05		-0.037515	-0.071919	
0.42256		0.037863	0.015825	0.135223
-1.27E-05		-0.094329	-0.078556	
0.56342		0.037863	0.015825	0.135223
-1.27E-05		-0.151044	-0.085194	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.082245	0.001851	-0.049276
7.42E-06		-0.027305	-0.326721	
0.14085		0.082245	0.001851	-0.049276
7.42E-06		-0.006138	-0.327498	
0.28171		0.082245	0.001851	-0.049276
7.42E-06		0.014029	-0.328274	
0.42256		0.082245	0.001851	-0.049276
7.42E-06		0.034696	-0.329050	
0.56342		0.082245	0.001851	-0.049276
7.42E-06		0.055363	-0.329827	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.014735	-0.000328	0.008869
-1.33E-06		0.004927	0.058729	
0.14085		-0.014735	-0.000328	0.008869
-1.33E-06		0.001207	0.058867	
0.28171		-0.014735	-0.000328	0.008869
-1.33E-06		-0.002513	0.059004	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
414

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42256		-0.014735	-0.000328	0.008869
-1.33E-06		-0.006233	0.059142	
0.56342		-0.014735	-0.000328	0.008869
-1.33E-06		-0.009953	0.059280	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.051821	0.506298	-0.624665
2.27E-05		-0.351017	0.743340	
0.14085		-0.051821	0.506298	-0.624665
2.27E-05		-0.089023	0.530991	
0.28171		-0.051821	0.506298	-0.624665
2.27E-05		0.172971	0.318641	
0.42256		-0.051821	0.506298	-0.624665
2.27E-05		0.434964	0.106292	
0.56342		-0.051821	0.506298	-0.624665
2.27E-05		0.696958	-0.106057	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.051821	-0.506298	0.624665
-2.27E-05		0.351017	-0.743340	
0.14085		0.051821	-0.506298	0.624665
-2.27E-05		0.089023	-0.530991	
0.28171		0.051821	-0.506298	0.624665
-2.27E-05		0.172971	-0.318641	
0.42256		0.051821	-0.506298	0.624665
-2.27E-05		0.434964	-0.106292	
0.56342		0.051821	-0.506298	0.624665
-2.27E-05		0.696958	0.106057	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.082245	0.506298	0.624665
2.27E-05		0.351017	0.944923	
0.14085		0.082245	0.506298	0.624665
2.27E-05		0.089023	0.847713	
0.28171		0.082245	0.506298	0.624665
2.27E-05		0.172971	0.750504	
0.42256		0.082245	0.506298	0.624665
2.27E-05		0.434964	0.653295	
0.56342		0.082245	0.506298	0.624665
2.27E-05		0.696958	0.556085	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.180135	-0.521795	-0.624665
-2.27E-05		-0.351017	-0.743424	
0.14085		-0.180135	-0.521795	-0.624665
-2.27E-05		-0.089023	-0.530991	
0.28171		-0.180135	-0.521795	-0.624665
-2.27E-05		-0.172971	-0.328274	
0.42256		-0.180135	-0.521795	-0.624665
-2.27E-05		-0.434964	-0.329050	
0.56342		-0.180135	-0.521795	-0.624665
-2.27E-05		-0.696958	-0.332315	

ELEM 198 ========== LENGTH = 2.977743

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.070514	0.128500	-0.059690
-5.71E-06		-0.066699	0.292792	
0.57743		0.070514	0.128500	-0.059690
-5.71E-06		-0.041663	0.238895	
0.71829		0.070514	0.128500	-0.059690
-5.71E-06		-0.016626	0.184997	
0.85914		0.070514	0.128500	-0.059690
-5.71E-06		0.008410	0.131100	
1.00085		0.070514	0.128500	-0.059690
-5.71E-06		0.033446	0.077202	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
415

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.037657	-0.197010	0.526210
5.15E-05		0.589267	-0.737330	
0.57743		0.037657	-0.197010	0.526210
5.15E-05		0.368556	-0.654697	
0.71829		0.037657	-0.197010	0.526210
5.15E-05		0.147845	-0.572064	
0.85914		0.037657	-0.197010	0.526210
5.15E-05		-0.072866	-0.489431	
1.00000		0.037657	-0.197010	0.526210
5.15E-05		-0.293578	-0.406798	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.269006	0.001081	-0.533972
-4.68E-05		-0.598816	0.462354	
0.57743		-0.269006	0.001081	-0.533972
-4.68E-05		-0.374849	0.461901	
0.71829		-0.269006	0.001081	-0.533972
-4.68E-05		-0.150882	0.461447	
0.85914		-0.269006	0.001081	-0.533972
-4.68E-05		0.073085	0.460994	
1.00000		-0.269006	0.001081	-0.533972
-4.68E-05		0.297052	0.460540	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.074744	0.068589	0.102018
3.05E-06		0.114669	0.169552	
0.57743		0.074744	0.068589	0.102018
3.05E-06		0.071879	0.140783	
0.71829		0.074744	0.068589	0.102018
3.05E-06		0.029089	0.112015	
0.85914		0.074744	0.068589	0.102018
3.05E-06		-0.013701	0.083246	
1.00000		0.074744	0.068589	0.102018
3.05E-06		-0.056491	0.054477	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.104883	-0.001467	-0.042070
-2.55E-06		-0.046781	-0.228583	
0.57743		0.104883	-0.001467	-0.042070
-2.55E-06		-0.029135	-0.227967	
0.71829		0.104883	-0.001467	-0.042070
-2.55E-06		-0.011489	-0.227352	
0.85914		0.104883	-0.001467	-0.042070
-2.55E-06		0.006156	-0.226737	
1.00000		0.104883	-0.001467	-0.042070
-2.55E-06		0.023802	-0.226121	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.018792	0.000307	0.007505
4.62E-07	0.008360	0.041215	
0.57743	-0.018792	0.000307	0.007505
4.62E-07	0.005212	0.041086	
0.71829	-0.018792	0.000307	0.007505
4.62E-07	0.002065	0.040957	
0.85914	-0.018792	0.000307	0.007505
4.62E-07	-0.001083	0.040828	
1.00000	-0.018792	0.000307	0.007505
4.62E-07	-0.004231	0.040699	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.093608	0.128114	-0.635733
-5.50E-05	-0.712296	0.526563	
0.57743	-0.093608	0.128114	-0.635733
-5.50E-05	-0.445647	0.472828	
0.71829	-0.093608	0.128114	-0.635733
-5.50E-05	-0.178998	0.419092	
0.85914	-0.093608	0.128114	-0.635733
-5.50E-05	0.087651	0.365357	
1.00000	-0.093608	0.128114	-0.635733
-5.50E-05	0.354300	0.311621	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 416

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.093608	-0.128114	0.635733
5.50E-05	0.712296	-0.526563	
0.57743	0.093608	-0.128114	0.635733
5.50E-05	0.445647	-0.472828	
0.71829	0.093608	-0.128114	0.635733
5.50E-05	0.178998	-0.419092	
0.85914	0.093608	-0.128114	0.635733
5.50E-05	-0.087651	-0.365357	
1.00000	0.093608	-0.128114	0.635733
5.50E-05	-0.354300	-0.311621	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.104883	0.128500	0.635733
5.50E-05	0.712296	0.526563	
0.57743	0.104883	0.128500	0.635733
5.50E-05	0.445647	0.472828	
0.71829	0.104883	0.128500	0.635733
5.50E-05	0.178998	0.461447	
0.85914	0.104883	0.128500	0.635733
5.50E-05	0.087651	0.460094	
1.00000	0.104883	0.128500	0.635733
5.50E-05	0.354300	0.460540	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.269006	-0.197010	-0.635733
-5.50E-05	-0.712296	-0.737330	
0.57743	-0.269006	-0.197010	-0.635733
-5.50E-05	-0.445647	-0.654697	
0.71829	-0.269006	-0.197010	-0.635733
-5.50E-05	-0.178998	-0.572064	
0.85914	-0.269006	-0.197010	-0.635733
-5.50E-05	-0.087651	-0.489431	
1.00000	-0.269006	-0.197010	-0.635733
-5.50E-05	-0.354300	-0.406798	

ELEM 199 ========== LENGTH = 2.977803

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063099	0.128046	-0.058062
1.89E-06	-0.032082	0.081618	
0.14086	0.063099	0.128046	-0.058062
1.89E-06	-0.007728	0.027909	
0.28172	0.063099	0.128046	-0.058062
1.89E-06	0.016627	-0.025800	
0.42258	0.063099	0.128046	-0.058062
1.89E-06	0.040981	-0.079509	
0.56344	0.063099	0.128046	-0.058062
1.89E-06	0.065335	-0.133218	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.047060	-0.194629	0.536364
-1.64E-05	0.301671	-0.412186	
0.14086	0.047060	-0.194629	0.536364
-1.64E-05	0.076693	-0.330549	
0.28172	0.047060	-0.194629	0.536364
-1.64E-05	-0.148286	-0.248912	
0.42259	0.047060	-0.194629	0.536364
-1.64E-05	-0.373264	-0.167275	
0.56344	0.047060	-0.194629	0.536364
-1.64E-05	-0.598243	-0.085638	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.264016	-0.002894	-0.550307
1.89E-05	-0.310231	0.457132	
0.14086	-0.264016	-0.002894	-0.550307
1.89E-05	-0.079405	0.458346	
0.28172	-0.264016	-0.002894	-0.550307
1.89E-05	0.151422	0.459559	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 417

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42258	-0.264016	-0.002894	-0.550307
1.89E-05	-0.361248	0.460773	
0.56344	-0.264016	-0.002894	-0.550307
1.89E-05	0.613075	0.461987	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065664	0.071354	0.104568
-9.10E-06	0.058554	0.060137	
0.14086	0.065664	0.071354	0.104568
-9.10E-06	0.014694	0.030208	
0.28172	0.065664	0.071354	0.104568
-9.10E-06	-0.029167	0.000278	
0.42258	0.065664	0.071354	0.104568
-9.10E-06	-0.073028	-0.029652	
0.56344	0.065664	0.071354	0.104568
-9.10E-06	-0.116889	-0.059581	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107437	-0.002342	-0.039766
5.62E-06	-0.021895	-0.227680	
0.14086	0.107437	-0.002342	-0.039766
5.62E-06	-0.005215	-0.226698	
0.28172	0.107437	-0.002342	-0.039766
5.62E-06	0.011465	-0.225715	
0.42258	0.107437	-0.002342	-0.039766
5.62E-06	0.028145	-0.224733	
0.56344	0.107437	-0.002342	-0.039766
5.62E-06	0.044825	-0.223751	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019245	0.000464	0.007203
-1.01E-06	0.003983	0.040980	
0.14086	-0.019245	0.000464	0.007203
-1.01E-06	0.000961	0.040785	
0.28172	-0.019245	0.000464	0.007203
-1.01E-06	-0.002060	0.040590	
0.42258	-0.019245	0.000464	0.007203
-1.01E-06	-0.005081	0.040395	
0.56344	-0.019245	0.000464	0.007203
-1.01E-06	-0.008103	0.040200	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093479	0.122810	-0.648135
2.65E-05	-0.364208	0.311069	
0.14086	-0.093479	0.122810	-0.648135
2.65E-05	-0.092347	0.259557	
0.28172	-0.093479	0.122810	-0.648135
2.65E-05	0.179513	0.208044	
0.42258	-0.093479	0.122810	-0.648135
2.65E-05	0.451374	0.156531	
0.56344	-0.093479	0.122810	-0.648135
2.65E-05	0.723235	0.105019	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093479	-0.122810	0.648135
-2.65E-05	0.364208	-0.311069	
0.14086	0.093479	-0.122810	0.648135
-2.65E-05	0.092347	-0.259557	
0.28172	0.093479	-0.122810	0.648135
-2.65E-05	-0.179513	-0.208044	
0.42258	0.093479	-0.122810	0.648135
-2.65E-05	-0.451374	-0.156531	
0.56344	0.093479	-0.122810	0.648135
-2.65E-05	-0.723235	-0.105019	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.107437	0.128046	0.648135
2.65E-05	0.364208	0.457132	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 418

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14086	0.107437	0.128046	0.648135
2.65E-05	0.092347	0.458346	
0.28172	0.107437	0.128046	0.648135
2.65E-05	0.179513	0.459559	
0.42258	0.107437	0.128046	0.648135
2.65E-05	0.451374	0.460773	
0.56344	0.107437	0.128046	0.648135
2.65E-05	0.723235	0.461987	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.264016	-0.194629	-0.648135
-2.65E-05	-0.364208	-0.412186	
0.14086	-0.264016	-0.194629	-0.648135
-2.65E-05	-0.092347	-0.330549	
0.28172	-0.264016	-0.194629	-0.648135
-2.65E-05	-0.179513	-0.248912	
0.42258	-0.264016	-0.194629	-0.648135
-2.65E-05	-0.451374	-0.167273	
0.56344	-0.264016	-0.194629	-0.648135
-2.65E-05	-0.723235	-0.223751	

ELEM 200 ========== LENGTH = 2.976964

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.023410	0.055176	-0.084390
-5.76E-06	-0.094400	0.139934	
0.57751	0.023410	0.055176	-0.084390
-5.76E-06	-0.059020	0.116802	
0.71834	0.023410	0.055176	-0.084390
-5.76E-06	-0.023641	0.093670	
0.85917	0.023410	0.055176	-0.084390
-5.76E-06	0.011739	0.070538	
1.00000	0.023410	0.055176	-0.084390
-5.76E-06	0.047119	0.047406	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.063059	0.017486	0.551657
5.22E-05	0.617383	-0.123478	
0.57751	0.063059	0.017486	0.551657
5.22E-05	0.386106	-0.130809	
0.71834	0.063059	0.017486	0.551657
5.22E-05	0.154829	-0.138140	
0.85917	0.063059	0.017486	0.551657
5.22E-05	-0.076448	-0.145471	
1.00000	0.063059	0.017486	0.551657
5.22E-05	-0.307726	-0.152802	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.207024	-0.216060	-0.498951
-4.76E-05	-0.559122	-0.293079	
0.57751	-0.207024	-0.216060	-0.498951
-4.76E-05	-0.349941	-0.202498	
0.71834	-0.207024	-0.216060	-0.498951
-4.76E-05	-0.140761	-0.111917	
0.85917	-0.207024	-0.216060	-0.498951
-4.76E-05	0.068420	-0.021336	
1.00000	-0.207024	-0.216060	-0.498951
-4.76E-05	0.277601	0.069245	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.079813	0.153847	0.055068
3.15E-06	0.062108	0.426440	
0.57751	0.079813	0.153847	0.055068
3.15E-06	0.039021	0.361940	
0.71834	0.079813	0.153847	0.055068
3.15E-06	0.015934	0.297441	
0.85917	0.079813	0.153847	0.055068
3.15E-06	-0.007152	0.232942	
1.00000	0.079813	0.153847	0.055068
3.15E-06	-0.030239	0.168443	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 419

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.049599	-0.012875	-0.028464
-2.38E-06	-0.031635	-0.183019	
0.57751	0.049599	-0.012875	-0.028464
-2.38E-06	-0.019702	-0.177621	
0.71834	0.049599	-0.012875	-0.028464
-2.38E-06	-0.007769	-0.172224	
0.85917	0.049599	-0.012875	-0.028464
-2.38E-06	0.004164	-0.166826	
1.00000	0.049599	-0.012875	-0.028464
-2.38E-06	0.016098	-0.161428	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.008857	0.002425	0.005081
4.33E-07	0.005667	0.033203	
0.57751	-0.008857	0.002425	0.005081
4.33E-07	0.003537	0.032186	
0.71834	-0.008857	0.002425	0.005081
4.33E-07	0.001407	0.031169	
0.85917	-0.008857	0.002425	0.005081
4.33E-07	-0.000723	0.030153	
1.00000	-0.008857	0.002425	0.005081
4.33E-07	-0.002853	0.029136	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.134015	-0.173759	-0.611805
-5.58E-05	-0.685158	-0.336164	
0.57751	-0.134015	-0.173759	-0.611805
-5.58E-05	-0.428664	-0.263317	
0.71834	-0.134015	-0.173759	-0.611805
-5.58E-05	-0.172170	-0.190470	
0.85917	-0.134015	-0.173759	-0.611805
-5.58E-05	0.084324	0.117624	
1.00000	-0.134015	-0.173759	-0.611805
-5.58E-05	0.340817	0.044777	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.134015	0.173759	0.611805
5.58E-05	0.685158	0.336164	
0.57751	0.134015	0.173759	0.611805
5.58E-05	0.428664	0.263317	
0.71834	0.134015	0.173759	0.611805
5.58E-05	0.172170	0.190470	
0.85917	0.134015	0.173759	0.611805
5.58E-05	-0.084324	0.117624	
1.00000	0.134015	0.173759	0.611805
5.58E-05	-0.340817	0.044777	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.134015	0.173759	0.611805
5.58E-05	0.685158	0.426440	
0.57751	0.134015	0.173759	0.611805
5.58E-05	0.428664	0.361940	
0.71834	0.134015	0.173759	0.611805
5.58E-05	0.172170	0.297441	
0.85917	0.134015	0.173759	0.611805
5.58E-05	0.084324	0.232942	
1.00000	0.134015	0.173759	0.611805
5.58E-05	0.340817	0.168443	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.207024	-0.216060	-0.611805
-5.58E-05	-0.685158	-0.336164	
0.57751	-0.207024	-0.216060	-0.611805
-5.58E-05	-0.428664	-0.263317	
0.71834	-0.207024	-0.216060	-0.611805
-5.58E-05	-0.172170	-0.190470	
0.85917	-0.207024	-0.216060	-0.611805
-5.58E-05	-0.084324	-0.166826	
1.00000	-0.207024	-0.216060	-0.611805
-5.58E-05	-0.340817	-0.161428	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 420

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 201 ========== LENGTH = 2.978021

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018147	0.056826	-0.084133
5.70E-06	-0.046957	0.050766	
0.14087	0.018147	0.056826	-0.084133
5.70E-06	-0.011663	0.026928	
0.28173	0.018147	0.056826	-0.084133
5.70E-06	0.023631	0.003089	
0.42260	0.018147	0.056826	-0.084133
5.70E-06	0.058926	-0.020750	
0.56347	0.018147	0.056826	-0.084133
5.70E-06	0.094220	-0.044589	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065828	0.013836	0.561340
-2.05E-05	0.315787	-0.154226	
0.14087	0.065828	0.013836	0.561340
-2.05E-05	0.080272	-0.160130	
0.28173	0.065828	0.013836	0.561340
-2.05E-05	-0.155213	-0.165935	
0.42260	0.065828	0.013836	0.561340
-2.05E-05	-0.390698	-0.171739	
0.56347	0.065828	0.013836	0.561340
-2.05E-05	-0.626183	-0.177543	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194592	-0.213541	-0.511894
1.41E-05	-0.288232	0.060740	
0.14087	-0.194592	-0.213541	-0.511894
1.41E-05	-0.073489	0.150322	
0.28173	-0.194592	-0.213541	-0.511894
1.41E-05	0.141253	0.239903	
0.42260	-0.194592	-0.213541	-0.511894
1.41E-05	0.355995	0.329485	
0.56347	-0.194592	-0.213541	-0.511894
1.41E-05	0.570737	0.419067	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066952	0.153020	0.056173
-1.66E-06	0.031150	0.177052	
0.14087	0.066952	0.153020	0.056173
-1.66E-06	0.007586	0.112859	
0.28173	0.066952	0.153020	0.056173
-1.66E-06	-0.015979	0.048667	
0.42260	0.066952	0.153020	0.056173
-1.66E-06	-0.039544	-0.015526	
0.56347	0.066952	0.153020	0.056173
-1.66E-06	-0.063109	-0.079718	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.053153	-0.012498	-0.026335
2.89E-06	-0.014392	-0.163793	
0.14087	0.053153	-0.012498	-0.026335
2.89E-06	-0.003844	-0.158550	
0.28173	0.053153	-0.012498	-0.026335
2.89E-06	0.007704	-0.153307	
0.42260	0.053153	-0.012498	-0.026335
2.89E-06	0.018751	-0.148064	
0.56347	0.053153	-0.012498	-0.026335
2.89E-06	0.029799	-0.142821	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009488	0.002358	0.004850
-5.17E-07	0.002674	0.029561	
0.14087	-0.009488	0.002358	0.004850
-5.17E-07	0.000639	0.028572	
0.28173	-0.009488	0.002358	0.004850
-5.17E-07	-0.001396	0.027583	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 421

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42260	-0.009488	0.002358	0.004850
-5.17E-07	-0.003430	0.026594	
0.56347	-0.009488	0.002358	0.004850
-5.17E-07	-0.005465	0.025605	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.123292	-0.169213	-0.622363
2.27E-05	-0.349581	-0.052287	
0.14087	-0.123292	-0.169213	-0.622363
2.27E-05	-0.088497	0.018699	
0.28173	-0.123292	-0.169213	-0.622363
2.27E-05	0.172588	0.089685	
0.42260	-0.123292	-0.169213	-0.622363
2.27E-05	0.433672	0.160671	
0.56347	-0.123292	-0.169213	-0.622363
2.27E-05	0.694757	0.231657	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123292	0.169213	0.622363
-2.27E-05	0.349581	0.052287	
0.14087	0.123292	0.169213	0.622363
-2.27E-05	0.088497	-0.018699	
0.28173	0.123292	0.169213	0.622363
-2.27E-05	-0.172588	-0.089685	
0.42260	0.123292	0.169213	0.622363
-2.27E-05	-0.433672	-0.160671	
0.56347	0.123292	0.169213	0.622363
-2.27E-05	-0.694757	-0.231657	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123292	0.169213	0.622363
2.27E-05	0.349581	0.177552	
0.14087	0.123292	0.169213	0.622363
2.27E-05	0.088497	0.150322	
0.28173	0.123292	0.169213	0.622363
2.27E-05	0.172588	0.239903	
0.42260	0.123292	0.169213	0.622363
2.27E-05	0.433672	0.329485	
0.56347	0.123292	0.169213	0.622363
2.27E-05	0.694757	0.419067	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.194592	-0.213541	-0.622363
-2.27E-05	-0.349581	-0.163793	
0.14087	-0.194592	-0.213541	-0.622363
-2.27E-05	-0.088497	-0.160130	
0.28173	-0.194592	-0.213541	-0.622363
-2.27E-05	-0.172588	-0.165935	
0.42260	-0.194592	-0.213541	-0.622363
-2.27E-05	-0.433672	-0.171739	
0.56347	-0.194592	-0.213541	-0.622363
-2.27E-05	-0.694757	-0.231657	

ELEM 202 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.011440	0.006646	-0.098773
-4.74E-06	-0.110709	0.029926	
0.57748	-0.011440	0.006646	-0.098773
-4.74E-06	-0.069292	0.027139	
0.71832	-0.011440	0.006646	-0.098773
-4.74E-06	-0.027875	0.024353	
0.85916	-0.011440	0.006646	-0.098773
-4.74E-06	0.013542	0.021566	
1.00000	-0.011440	0.006646	-0.098773
-4.74E-06	0.054959	0.018779	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page 422

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.055548	0.198850	0.545578
4.97E-05	0.610800	0.424362	
0.57748	0.055548	0.198850	0.545578
4.97E-05	0.382031	0.340982	
0.71832	0.055548	0.198850	0.545578
4.97E-05	0.153262	0.257601	
0.85916	0.055548	0.198850	0.545578
4.97E-05	-0.075507	0.174220	
1.00000	0.055548	0.198850	0.545578
4.97E-05	-0.304276	0.090840	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.115228	-0.450902	-0.429402
-4.56E-05	-0.481109	-1.079734	
0.57748	-0.115228	-0.450902	-0.429402
-4.56E-05	-0.301054	-0.890664	
0.71832	-0.115228	-0.450902	-0.429402
-4.56E-05	-0.120999	-0.701594	
0.85916	-0.115228	-0.450902	-0.429402
-4.56E-05	0.059055	-0.512525	
1.00000	-0.115228	-0.450902	-0.429402
-4.56E-05	0.239110	-0.323455	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.065996	0.260976	-0.009191
2.54E-06	-0.009932	0.758540	
0.57748	0.065996	0.260976	-0.009191
2.54E-06	-0.006079	0.649109	
0.71832	0.065996	0.260976	-0.009191
2.54E-06	-0.002225	0.539677	
0.85916	0.065996	0.260976	-0.009191
2.54E-06	0.001629	0.430246	
1.00000	0.065996	0.260976	-0.009191
2.54E-06	0.005483	0.320815	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.006297	-0.019237	-0.010001
-2.32E-06	-0.011056	-0.162937	
0.57748	0.006297	-0.019237	-0.010001
-2.32E-06	-0.006862	-0.154870	
0.71832	0.006297	-0.019237	-0.010001
-2.32E-06	-0.002669	-0.146804	
0.85916	0.006297	-0.019237	-0.010001
-2.32E-06	0.001525	-0.138738	
1.00000	0.006297	-0.019237	-0.010001
-2.32E-06	0.005719	-0.130671	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.001174	0.003667	0.001789
4.24E-07	0.002006	0.029842	
0.57748	-0.001174	0.003667	0.001789
4.24E-07	0.001256	0.028305	
0.71832	-0.001174	0.003667	0.001789
4.24E-07	0.000505	0.026767	
0.85916	-0.001174	0.003667	0.001789
4.24E-07	-0.000245	0.025230	
1.00000	-0.001174	0.003667	0.001789
4.24E-07	-0.000995	0.023692	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.602873	-1.212744	
0.57748	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.377208	-1.018395	
0.71832	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.151542	-0.824046	
0.85916	-0.120370	-0.463493	-0.538177
-5.27E-05	0.074123	-0.629696	
1.00000	-0.120370	-0.463493	-0.538177
-5.27E-05	0.299788	-0.435347	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
423

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.120370	0.463493	0.538177
5.27E-05	0.602873	1.212744	
0.57748	0.120370	0.463493	0.538177
5.27E-05	0.377208	1.018395	
0.71832	0.120370	0.463493	0.538177
5.27E-05	0.151542	0.824046	
0.85916	0.120370	0.463493	0.538177
5.27E-05	-0.074123	0.629696	
1.00000	0.120370	0.463493	0.538177
5.27E-05	-0.299788	0.435347	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.120370	0.463493	0.545578
5.27E-05	0.610800	1.212744	
0.57748	0.120370	0.463493	0.545578
5.27E-05	0.382031	1.018395	
0.71832	0.120370	0.463493	0.545578
5.27E-05	0.153262	0.824046	
0.85916	0.120370	0.463493	0.545578
5.27E-05	0.074123	0.629696	
1.00000	0.120370	0.463493	0.545578
5.27E-05	0.299788	0.435347	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.602873	-1.212744	
0.57748	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.377208	-1.018395	
0.71832	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.151542	-0.824046	
0.85916	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.075507	-0.629696	
1.00000	-0.120370	-0.463493	-0.538177
-5.27E-05	-0.304276	-0.435347	

ELEM 203 ========== LENGTH = 2.977363

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014283	0.007810	-0.100448
7.60E-06	-0.056313	0.020531	
0.14084	-0.014283	0.007810	-0.100448
7.60E-06	-0.014191	0.017256	
0.28169	-0.014283	0.007810	-0.100448
7.60E-06	0.027931	0.013981	
0.42253	-0.014283	0.007810	-0.100448
7.60E-06	0.070053	0.010706	
0.56337	-0.014283	0.007810	-0.100448
7.60E-06	0.112175	0.007431	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048609	0.239866	0.557119
-1.99E-05	0.313442	0.093502	
0.14084	0.048609	0.239866	0.557119
-1.99E-05	0.079820	-0.007084	
0.28169	0.048609	0.239866	0.557119
-1.99E-05	-0.153803	-0.107669	
0.42253	0.048609	0.239866	0.557119
-1.99E-05	-0.387425	-0.208255	
0.56337	0.048609	0.239866	0.557119
-1.99E-05	-0.621048	-0.308840	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089470	-0.549218	-0.440668
5.07E-06	-0.248011	-0.335829	
0.14084	-0.089470	-0.549218	-0.440668
5.07E-06	-0.063221	-0.105520	
0.28169	-0.089470	-0.549218	-0.440668
5.07E-06	0.121569	0.124790	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
424

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.089470	-0.549218	-0.440668
5.07E-06	0.355099	0.124790	
0.56337	-0.089470	-0.549218	-0.440668
5.07E-06	0.491149	0.585409	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045392	0.333291	-0.009212
7.53E-06	-0.005560	0.331089	
0.14084	0.045392	0.333291	-0.009212
7.53E-06	-0.001697	0.191327	
0.28169	0.045392	0.333291	-0.009212
7.53E-06	0.002166	0.051564	
0.42253	0.045392	0.333291	-0.009212
7.53E-06	0.006029	-0.088198	
0.56337	0.045392	0.333291	-0.009212
7.53E-06	0.009892	-0.227960	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011928	-0.038960	-0.008520
-2.99E-07	-0.004509	-0.133492	
0.14084	0.011928	-0.038960	-0.008520
-2.99E-07	-0.000936	-0.117155	
0.28169	0.011928	-0.038960	-0.008520
-2.99E-07	0.002637	-0.100817	
0.42253	0.011928	-0.038960	-0.008520
-2.99E-07	0.006210	-0.084480	
0.56337	0.011928	-0.038960	-0.008520
-2.99E-07	0.009782	-0.068142	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002175	0.007212	0.001730
5.08E-08	0.000951	0.024200	
0.14084	-0.002175	0.007212	0.001730
5.08E-08	0.000225	0.021175	
0.28169	-0.002175	0.007212	0.001730
5.08E-08	-0.000500	0.018151	
0.42253	-0.002175	0.007212	0.001730
5.08E-08	-0.001225	0.015127	
0.56337	-0.002175	0.007212	0.001730
5.08E-08	-0.001951	0.012103	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091825	-0.580368	-0.549636
1.24E-05	-0.308833	-0.448790	
0.14084	-0.091825	-0.580368	-0.549636
1.24E-05	-0.078348	-0.205418	
0.28169	-0.091825	-0.580368	-0.549636
1.24E-05	0.152137	0.037954	
0.42253	-0.091825	-0.580368	-0.549636
1.24E-05	0.382622	0.281326	
0.56337	-0.091825	-0.580368	-0.549636
1.24E-05	0.613106	0.524698	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091825	0.580368	0.549636
-1.24E-05	0.308833	0.448790	
0.14084	0.091825	0.580368	0.549636
-1.24E-05	0.078348	0.205418	
0.28169	0.091825	0.580368	0.549636
-1.24E-05	-0.152137	-0.037954	
0.42253	0.091825	0.580368	0.549636
-1.24E-05	-0.382622	-0.281326	
0.56337	0.091825	0.580368	0.549636
-1.24E-05	-0.613106	-0.524698	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091825	0.580368	0.557119
1.24E-05	0.313442	0.448790	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
425

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.091825	0.580368	0.557119
1.24E-05	0.079820	0.205418	
0.28169	0.091825	0.580368	0.557119
1.24E-05	0.152137	0.124790	
0.42253	0.091825	0.580368	0.557119
1.24E-05	0.382622	0.355099	
0.56337	0.091825	0.580368	0.557119
1.24E-05	0.613106	0.585409	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091825	-0.580368	-0.549636
-1.99E-05	-0.308833	-0.448790	
0.14084	-0.091825	-0.580368	-0.549636
-1.99E-05	-0.078348	-0.205418	
0.28169	-0.091825	-0.580368	-0.549636
-1.99E-05	-0.153803	-0.107669	
0.42253	-0.091825	-0.580368	-0.549636
-1.99E-05	-0.387425	-0.208255	
0.56337	-0.091825	-0.580368	-0.549636
-1.99E-05	-0.621048	-0.524698	

ELEM 204 ========== LENGTH = 2.977668

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.016826	-0.027392	-0.103416
-5.47E-06	-0.115988	-0.054756	
0.57744	-0.016826	-0.027392	-0.103416
-5.47E-06	-0.072613	-0.043267	
0.71829	-0.016826	-0.027392	-0.103416
-5.47E-06	-0.029239	-0.031779	
0.85915	-0.016826	-0.027392	-0.103416
-5.47E-06	0.014135	-0.020290	
1.00000	-0.016826	-0.027392	-0.103416
-5.47E-06	0.057510	-0.008801	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.033459	0.497019	0.512056
5.00E-05	0.573386	1.093766	
0.57744	-0.033459	0.497019	0.512056
5.00E-05	0.358621	0.885308	
0.71829	-0.033459	0.497019	0.512056
5.00E-05	0.143856	0.676850	
0.85915	-0.033459	0.497019	0.512056
5.00E-05	0.070909	0.468391	
1.00000	-0.033459	0.497019	0.512056
5.00E-05	-0.285675	0.259933	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.087079	-0.988667	-0.332023
-4.41E-05	-0.372233	-2.220336	
0.57744	0.087079	-0.988667	-0.332023
-4.41E-05	-0.232977	-1.805672	
0.71829	0.087079	-0.988667	-0.332023
-4.41E-05	-0.093720	-1.391009	
0.85915	0.087079	-0.988667	-0.332023
-4.41E-05	0.045536	-0.976345	
1.00000	0.087079	-0.988667	-0.332023
-4.41E-05	0.184792	-0.561681	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.036139	0.574586	-0.086027
1.61E-06	-0.095750	1.350372	
0.57744	-0.036139	0.574586	-0.086027
1.61E-06	-0.059669	1.109380	
0.71829	-0.036139	0.574586	-0.086027
1.61E-06	-0.023588	0.868389	
0.85915	-0.036139	0.574586	-0.086027
1.61E-06	0.012494	0.627398	
1.00000	-0.036139	0.574586	-0.086027
1.61E-06	0.048575	0.386407	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
426

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.000380	-0.068084	0.011444
-2.51E-06	0.012827	-0.207088	
0.57744	-0.000380	-0.068084	0.011444
-2.51E-06	0.008027	-0.178532	
0.71829	-0.000380	-0.068084	0.011444
-2.51E-06	0.003227	-0.149977	
0.85915	-0.000380	-0.068084	0.011444
-2.51E-06	-0.001573	-0.121421	
1.00000	-0.000380	-0.068084	0.011444
-2.51E-06	-0.006372	-0.092865	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.000275	0.012538	-0.002035
4.60E-07	-0.000243	0.038043	
0.57744	-0.000275	0.012538	-0.002035
4.60E-07	-0.001390	0.032784	
0.71829	-0.000275	0.012538	-0.002035
4.60E-07	-0.000536	0.027525	
0.85915	-0.000275	0.012538	-0.002035
4.60E-07	0.000317	0.022267	
1.00000	-0.000275	0.012538	-0.002035
4.60E-07	0.001171	0.017008	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.069873	-1.084143	-0.423995
-5.20E-05	-0.475393	-2.482180	
0.57744	0.069873	-1.084143	-0.423995
-5.20E-05	-0.297563	-2.027472	
0.71829	0.069873	-1.084143	-0.423995
-5.20E-05	-0.119732	-1.572764	
0.85915	0.069873	-1.084143	-0.423995
-5.20E-05	0.058099	-1.118056	
1.00000	0.069873	-1.084143	-0.423995
-5.20E-05	0.235929	-0.663348	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.069873	1.084143	0.423995
5.20E-05	0.475393	2.482180	
0.57744	-0.069873	1.084143	0.423995
5.20E-05	0.297563	2.027472	
0.71829	-0.069873	1.084143	0.423995
5.20E-05	0.119732	1.572764	
0.85915	-0.069873	1.084143	0.423995
5.20E-05	-0.058099	1.118056	
1.00000	-0.069873	1.084143	0.423995
5.20E-05	-0.235929	0.663348	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.087079	1.084143	0.512056
5.20E-05	0.573386	2.482180	
0.57744	0.087079	1.084143	0.512056
5.20E-05	0.356621	2.027472	
0.71829	0.087079	1.084143	0.512056
5.20E-05	0.143856	1.572764	
0.85915	0.087079	1.084143	0.512056
5.20E-05	0.058099	1.118056	
1.00000	0.087079	1.084143	0.512056
5.20E-05	0.235929	0.663348	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.069873	-1.084143	-0.423995
-5.20E-05	-0.475393	-2.482180	
0.57744	-0.069873	-1.084143	-0.423995
-5.20E-05	-0.297563	-2.027472	
0.71829	-0.069873	-1.084143	-0.423995
-5.20E-05	-0.119732	-1.572764	
0.85915	-0.069873	-1.084143	-0.423995
-5.20E-05	-0.070909	-1.118056	
1.00000	-0.069873	-1.084143	-0.423995
-5.20E-05	-0.285675	-0.663348	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
427

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 205 ========== LENGTH = 2.977689

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016946	-0.038104	-0.106373
1.00E-05	-0.059871	-0.008422	
0.14085	-0.016946	-0.038104	-0.106373
1.00E-05	-0.015256	0.007560	
0.28171	-0.016946	-0.038104	-0.106373
1.00E-05	0.029359	0.023542	
0.42256	-0.016946	-0.038104	-0.106373
1.00E-05	0.073974	0.039524	
0.56342	-0.016946	-0.038104	-0.106373
1.00E-05	0.118589	0.055506	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042694	0.488440	0.524807
-2.13E-05	0.269545	0.288609	
0.14085	-0.042694	0.488440	0.524807
-2.13E-05	0.075530	0.061047	
0.28171	-0.042694	0.488440	0.524807
-2.13E-05	-0.144586	-0.143816	
0.42256	-0.042694	0.488440	0.524807
-2.13E-05	-0.364702	-0.348679	
0.56342	-0.042694	0.488440	0.524807
-2.13E-05	-0.584818	-0.553541	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.108894	-0.930610	-0.342752
-1.68E-06	-0.193001	-0.576757	
0.14085	0.108894	-0.930610	-0.342752
-1.68E-06	-0.049243	-0.186439	
0.28171	0.108894	-0.930610	-0.342752
-1.68E-06	0.094515	0.203880	
0.42256	0.108894	-0.930610	-0.342752
-1.68E-06	0.238273	0.594198	
0.56342	0.108894	-0.930610	-0.342752
-1.68E-06	0.382031	0.984516	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.052095	0.524412	-0.086191
1.58E-05	-0.048903	0.397663	
0.14085	-0.052095	0.524412	-0.086191
1.58E-05	-0.012753	0.177713	
0.28171	-0.052095	0.524412	-0.086191
1.58E-05	0.023398	-0.042237	
0.42256	-0.052095	0.524412	-0.086191
1.58E-05	0.059549	-0.262187	
0.56342	-0.052095	0.524412	-0.086191
1.58E-05	0.095699	-0.482137	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003867	-0.054177	0.012444
-3.46E-06	0.007219	-0.095958	
0.14085	0.003867	-0.054177	0.012444
-3.46E-06	0.002000	-0.073235	
0.28171	0.003867	-0.054177	0.012444
-3.46E-06	-0.003219	-0.050513	
0.42256	0.003867	-0.054177	0.012444
-3.46E-06	-0.008439	-0.027790	
0.56342	0.003867	-0.054177	0.012444
-3.46E-06	-0.013658	-0.005067	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001027	0.010038	-0.001935
6.12E-07	-0.001090	0.017564	
0.14085	-0.001027	0.010038	-0.001935
6.12E-07	-0.000278	0.013354	
0.28171	-0.001027	0.010038	-0.001935
6.12E-07	0.000534	0.009143	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
428

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.001027	0.010038	-0.001935
6.12E-07	0.001346	0.004933	
0.56342	-0.001027	0.010038	-0.001935
6.12E-07	0.002157	0.000723	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095816	-1.022891	-0.436681
4.88E-06	-0.245653	-0.681137	
0.14085	0.095816	-1.022891	-0.436681
4.88E-06	-0.062499	-0.252114	
0.28171	0.095816	-1.022891	-0.436681
4.88E-06	0.120654	0.176909	
0.42256	0.095816	-1.022891	-0.436681
4.88E-06	0.303808	0.605932	
0.56342	0.095816	-1.022891	-0.436681
4.88E-06	0.486962	1.034956	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095816	1.022891	0.436681
-4.88E-06	0.245653	0.681137	
0.14085	-0.095816	1.022891	0.436681
-4.88E-06	0.062499	0.252114	
0.28171	-0.095816	1.022891	0.436681
-4.88E-06	-0.120654	-0.176909	
0.42256	-0.095816	1.022891	0.436681
-4.88E-06	-0.303808	-0.605932	
0.56342	-0.095816	1.022891	0.436681
-4.88E-06	-0.486962	-1.034956	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.108894	1.022891	0.524807
1.58E-05	0.295645	0.681137	
0.14085	0.108894	1.022891	0.524807
1.58E-05	0.075530	0.252114	
0.28171	0.108894	1.022891	0.524807
1.58E-05	0.120654	0.203880	
0.42256	0.108894	1.022891	0.524807
1.58E-05	0.303808	0.605932	
0.56342	0.108894	1.022891	0.524807
1.58E-05	0.486962	1.034956	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095816	-1.022891	-0.436681
-2.13E-05	-0.245653	-0.681137	
0.14085	-0.095816	-1.022891	-0.436681
-2.13E-05	-0.062499	-0.252114	
0.28171	-0.095816	-1.022891	-0.436681
-2.13E-05	-0.144586	-0.176909	
0.42256	-0.095816	-1.022891	-0.436681
-2.13E-05	-0.364702	-0.605932	
0.56342	-0.095816	-1.022891	-0.436681
-2.13E-05	-0.584818	-1.034956	

ELEM 206 ========== LENGTH = 2.977077

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.017973	-0.075495	-0.099284
4.02E-06	-0.111589	-0.150188	
0.57750	0.017973	-0.075495	-0.099284
4.02E-06	-0.069962	-0.118536	
0.71833	0.017973	-0.075495	-0.099284
4.02E-06	-0.028336	-0.086883	
0.85917	0.017973	-0.075495	-0.099284
4.02E-06	0.013291	-0.055230	
1.00000	0.017973	-0.075495	-0.099284
4.02E-06	0.054918	-0.023577	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
429

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.298452	0.815631	0.453162
4.27E-05	0.508472	1.797827	
0.57750	-0.298452	0.815631	0.453162
4.27E-05	0.318475	1.455858	
0.71833	-0.298452	0.815631	0.453162
4.27E-05	0.128478	1.113889	
0.85917	-0.298452	0.815631	0.453162
4.27E-05	-0.061519	0.771920	
1.00000	-0.298452	0.815631	0.453162
4.27E-05	-0.251516	0.429951	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.564387	-1.521663	-0.210201
-3.33E-05	-0.236416	-3.407583	
0.57750	0.564387	-1.521663	-0.210201
-3.33E-05	-0.148285	-2.776597	
0.71833	0.564387	-1.521663	-0.210201
-3.33E-05	-0.060154	-2.131610	
0.85917	0.564387	-1.521663	-0.210201
-3.33E-05	0.027976	-1.493624	
1.00000	0.564387	-1.521663	-0.210201
-3.33E-05	0.116107	-0.855637	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.307314	0.856849	-0.172434
-3.61E-06	-0.192746	1.958558	
0.57750	-0.307314	0.856849	-0.172434
-3.61E-06	-0.120450	1.599307	
0.71833	-0.307314	0.856849	-0.172434
-3.61E-06	-0.048153	1.240057	
0.85917	-0.307314	0.856849	-0.172434
-3.61E-06	0.024143	0.880806	
1.00000	-0.307314	0.856849	-0.172434
-3.61E-06	0.096439	0.521556	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.029656	-0.092114	0.034994
-2.08E-06	0.039218	-0.243165	
0.57750	0.029656	-0.092114	0.034994
-2.08E-06	0.024546	-0.204544	
0.71833	0.029656	-0.092114	0.034994
-2.08E-06	0.009874	-0.165924	
0.85917	0.029656	-0.092114	0.034994
-2.08E-06	-0.004798	-0.127303	
1.00000	0.029656	-0.092114	0.034994
-2.08E-06	-0.019470	-0.088682	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.006250	0.016792	-0.006238
3.84E-07	-0.006940	0.044552	
0.57750	-0.006250	0.016792	-0.006238
3.84E-07	-0.004324	0.037512	
0.71833	-0.006250	0.016792	-0.006238
3.84E-07	-0.001709	0.030471	
0.85917	-0.006250	0.016792	-0.006238
3.84E-07	0.000907	0.023431	
1.00000	-0.006250	0.016792	-0.006238
3.84E-07	0.003522	0.016390	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.612016	-1.689272	-0.274491
-3.94E-05	-0.308787	-3.800937	
0.57750	0.612016	-1.689272	-0.274491
-3.94E-05	-0.193701	-3.092677	
0.71833	0.612016	-1.689272	-0.274491
-3.94E-05	-0.078616	-2.384417	
0.85917	0.612016	-1.689272	-0.274491
-3.94E-05	0.036470	-1.676157	
1.00000	0.612016	-1.689272	-0.274491
-3.94E-05	0.151555	-0.967897	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.612016	1.689272	0.274491
3.94E-05	0.308787	3.800937	
0.57750	-0.612016	1.689272	0.274491
3.94E-05	0.193701	3.092677	
0.71833	-0.612016	1.689272	0.274491
3.94E-05	0.078616	2.384417	
0.85917	-0.612016	1.689272	0.274491
3.94E-05	-0.036470	1.676157	
1.00000	-0.612016	1.689272	0.274491
3.94E-05	-0.151555	0.967897	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.612016	1.689272	0.453162
4.27E-05	0.508472	3.800937	
0.57750	0.612016	1.689272	0.453162
4.27E-05	0.318475	3.092677	
0.71833	0.612016	1.689272	0.453162
4.27E-05	0.128478	2.384417	
0.85917	0.612016	1.689272	0.453162
4.27E-05	0.036470	1.676157	
1.00000	0.612016	1.689272	0.453162
4.27E-05	0.151555	0.967897	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.612016	-1.689272	-0.274491
-3.94E-05	-0.308787	-3.800937	
0.57750	-0.612016	-1.689272	-0.274491
-3.94E-05	-0.193701	-3.092677	
0.71833	-0.612016	-1.689272	-0.274491
-3.94E-05	-0.078616	-2.384417	
0.85917	-0.612016	-1.689272	-0.274491
-3.94E-05	-0.061519	-1.676157	
1.00000	-0.612016	-1.689272	-0.274491
-3.94E-05	-0.251516	-0.967897	

ELEM 207 ========== LENGTH = 2.977171

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020516	-0.086048	-0.102856
9.29E-06	-0.057741	-0.124370	
0.14084	0.020516	-0.086048	-0.102856
9.29E-06	-0.014614	0.011709	
0.28167	0.020516	-0.086048	-0.102856
9.29E-06	0.028513	0.047789	
0.42251	0.020516	-0.086048	-0.102856
9.29E-06	0.071640	0.083868	
0.56334	0.020516	-0.086048	-0.102856
9.29E-06	0.114767	0.119947	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.321111	0.885788	0.467456
-1.77E-05	0.262528	0.439368	
0.14084	-0.321111	0.885788	0.467456
-1.77E-05	0.066528	0.067964	
0.28167	-0.321111	0.885788	0.467456
-1.77E-05	-0.129473	-0.303441	
0.42251	-0.321111	0.885788	0.467456
-1.77E-05	-0.325474	-0.674845	
0.56334	-0.321111	0.885788	0.467456
-1.77E-05	-0.521475	-1.046249	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.603199	-1.645140	-0.222743
-9.13E-06	-0.125418	-0.874427	
0.14084	0.603199	-1.645140	-0.222743
-9.13E-06	-0.032023	-0.184631	
0.28167	0.603199	-1.645140	-0.222743
-9.13E-06	0.061371	0.505164	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	0.603199	-1.645140	-0.222743
-9.13E-06	1.194565	1.194960	
0.56334	0.603199	-1.645140	-0.222743
-9.13E-06	0.248160	1.884755	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.331300	0.938686	-0.171549
2.31E-05	-0.096140	0.534683	
0.14084	-0.331300	0.938686	-0.171549
2.31E-05	-0.024211	0.141098	
0.28167	-0.331300	0.938686	-0.171549
2.31E-05	0.047719	-0.252486	
0.42251	-0.331300	0.938686	-0.171549
2.31E-05	0.119648	-0.646071	
0.56334	-0.331300	0.938686	-0.171549
2.31E-05	0.191577	-1.039655	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036094	-0.114016	0.035678
-6.81E-06	0.020090	-0.092294	
0.14084	0.036094	-0.114016	0.035678
-6.81E-06	0.005131	-0.044488	
0.28167	0.036094	-0.114016	0.035678
-6.81E-06	-0.009829	0.003318	
0.42251	0.036094	-0.114016	0.035678
-6.81E-06	-0.024788	0.051124	
0.56334	0.036094	-0.114016	0.035678
-6.81E-06	-0.039748	0.098930	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007397	0.020730	-0.005986
1.20E-06	-0.003320	0.017040	
0.14084	-0.007397	0.020730	-0.005986
1.20E-06	-0.000810	0.008348	
0.28167	-0.007397	0.020730	-0.005986
1.20E-06	0.001699	-0.000344	
0.42251	-0.007397	0.020730	-0.005986
1.20E-06	0.004209	-0.009036	
0.56334	-0.007397	0.020730	-0.005986
1.20E-06	0.006719	-0.017728	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.659809	-1.845204	-0.289921
-6.65E-06	-0.163068	-0.991091	
0.14084	0.659809	-1.845204	-0.289921
-6.65E-06	-0.041506	-0.217410	
0.28167	0.659809	-1.845204	-0.289921
-6.65E-06	0.080055	0.556271	
0.42251	0.659809	-1.845204	-0.289921
-6.65E-06	0.201617	1.329952	
0.56334	0.659809	-1.845204	-0.289921
-6.65E-06	0.323179	2.103633	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.659809	1.845204	0.289921
6.65E-06	0.163068	0.991091	
0.14084	-0.659809	1.845204	0.289921
6.65E-06	0.041506	0.217410	
0.28167	-0.659809	1.845204	0.289921
6.65E-06	-0.080055	-0.556271	
0.42251	-0.659809	1.845204	0.289921
6.65E-06	-0.201617	-1.329952	
0.56334	-0.659809	1.845204	0.289921
6.65E-06	-0.323179	-2.103633	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.659809	1.845204	0.467456
2.31E-05	0.262528	0.991091	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.659809	1.845204	0.467456
2.31E-05	0.066528	0.217410	
0.28167	0.659809	1.845204	0.467456
2.31E-05	0.080055	0.556271	
0.42251	0.659809	1.845204	0.467456
2.31E-05	0.201617	1.329952	
0.56334	0.659809	1.845204	0.467456
2.31E-05	0.323179	2.103633	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.659809	-1.845204	-0.289921
-1.77E-05	-0.163068	-0.991091	
0.14084	-0.659809	-1.845204	-0.289921
-1.77E-05	-0.041506	-0.217410	
0.28167	-0.659809	-1.845204	-0.289921
-1.77E-05	-0.129473	-0.556271	
0.42251	-0.659809	-1.845204	-0.289921
-1.77E-05	-0.325474	-1.329952	
0.56334	-0.659809	-1.845204	-0.289921
-1.77E-05	-0.521475	-2.103633	

ELEM 208 ========== LENGTH = 2.977599

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.090666	-0.114841	-0.095135
-3.58E-06	-0.103264	-0.221201	
0.57745	0.090666	-0.114841	-0.095135
-3.58E-06	-0.063364	-0.137037	
0.71830	0.090666	-0.114841	-0.095135
-3.58E-06	-0.023464	-0.124872	
0.85915	0.090666	-0.114841	-0.095135
-3.58E-06	0.016435	-0.076708	
1.00000	0.090666	-0.114841	-0.095135
-3.58E-06	0.056335	-0.028544	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.760272	1.094026	0.404848
3.43E-05	0.438878	2.313415	
0.57745	-0.760272	1.094026	0.404848
3.43E-05	0.269085	1.854581	
0.71830	-0.760272	1.094026	0.404848
3.43E-05	0.099292	1.395747	
0.85915	-0.760272	1.094026	0.404848
3.43E-05	-0.070501	0.936912	
1.00000	-0.760272	1.094026	0.404848
3.43E-05	-0.240294	0.478078	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.322001	-2.012544	-0.078808
-1.99E-05	-0.085418	-4.285259	
0.57745	1.322001	-2.012544	-0.078808
-1.99E-05	-0.052366	-3.441199	
0.71830	1.322001	-2.012544	-0.078808
-1.99E-05	-0.019314	-2.597139	
0.85915	1.322001	-2.012544	-0.078808
-1.99E-05	0.013738	-1.753078	
1.00000	1.322001	-2.012544	-0.078808
-1.99E-05	0.046790	-0.909018	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.718841	1.129892	-0.283711
-9.24E-06	-0.307582	2.409126	
0.57745	-0.718841	1.129892	-0.283711
-9.24E-06	-0.188594	1.935249	
0.71830	-0.718841	1.129892	-0.283711
-9.24E-06	-0.069606	1.461373	
0.85915	-0.718841	1.129892	-0.283711
-9.24E-06	0.049383	0.987497	
1.00000	-0.718841	1.129892	-0.283711
-9.24E-06	0.168371	0.513621	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.082986	-0.117172	0.064248
-1.94E-06	0.069748	-0.263278	
0.57745	0.082986	-0.117172	0.064248
-1.94E-06	0.042802	-0.214136	
0.71830	0.082986	-0.117172	0.064248
-1.94E-06	0.015857	-0.164994	
0.85915	0.082986	-0.117172	0.064248
-1.94E-06	-0.011089	-0.115852	
1.00000	0.082986	-0.117172	0.064248
-1.94E-06	-0.038034	-0.066711	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.016541	0.020639	-0.011442
3.57E-07	-0.012362	0.047198	
0.57745	-0.016541	0.020639	-0.011442
3.57E-07	-0.007563	0.038542	
0.71830	-0.016541	0.020639	-0.011442
3.57E-07	-0.002765	0.029886	
0.85915	-0.016541	0.020639	-0.011442
3.57E-07	0.002034	0.021230	
1.00000	-0.016541	0.020639	-0.011442
3.57E-07	0.006833	0.012574	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.495653	-2.244557	-0.109695
-2.54E-05	-0.118934	-4.769738	
0.57745	1.495653	-2.244557	-0.109695
-2.54E-05	-0.072928	-3.828372	
0.71830	1.495653	-2.244557	-0.109695
-2.54E-05	-0.026922	-2.887005	
0.85915	1.495653	-2.244557	-0.109695
-2.54E-05	0.019084	-1.945639	
1.00000	1.495653	-2.244557	-0.109695
-2.54E-05	0.065090	-1.004272	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.495653	2.244557	0.109695
2.54E-05	0.118934	4.769738	
0.57745	-1.495653	2.244557	0.109695
2.54E-05	0.072928	3.828372	
0.71830	-1.495653	2.244557	0.109695
2.54E-05	0.026922	2.887005	
0.85915	-1.495653	2.244557	0.109695
2.54E-05	-0.019084	1.945639	
1.00000	-1.495653	2.244557	0.109695
2.54E-05	-0.065090	1.004272	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.495653	2.244557	0.404848
3.43E-05	0.438878	4.769738	
0.57745	1.495653	2.244557	0.404848
3.43E-05	0.269085	3.828372	
0.71830	1.495653	2.244557	0.404848
3.43E-05	0.099292	2.887005	
0.85915	1.495653	2.244557	0.404848
3.43E-05	0.049383	1.945639	
1.00000	1.495653	2.244557	0.404848
3.43E-05	0.168371	1.004272	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.495653	-2.244557	-0.283711
-2.54E-05	-0.307582	-4.769738	
0.57745	-1.495653	-2.244557	-0.283711
-2.54E-05	-0.188594	-3.828372	
0.71830	-1.495653	-2.244557	-0.283711
-2.54E-05	-0.069606	-2.887005	
0.85915	-1.495653	-2.244557	-0.283711
-2.54E-05	-0.070501	-1.945639	
1.00000	-1.495653	-2.244557	-0.283711
-2.54E-05	-0.240294	-1.004272	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 209 ========== LENGTH = 2.977688

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076884	-0.131261	-0.098411
9.22E-06	-0.058909	-0.029937	
0.14085	0.076884	-0.131261	-0.098411
9.22E-06	-0.017634	0.025117	
0.28171	0.076884	-0.131261	-0.098411
9.22E-06	0.023642	0.080171	
0.42256	0.076884	-0.131261	-0.098411
9.22E-06	0.064918	0.135224	
0.56342	0.076884	-0.131261	-0.098411
9.22E-06	0.106194	0.190278	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.709039	1.148235	0.418188
-1.98E-05	0.250530	0.481749	
0.14085	-0.709039	1.148235	0.418188
-1.98E-05	0.075133	0.005554	
0.28171	-0.709039	1.148235	0.418188
-1.98E-05	-0.100264	-0.476041	
0.42256	-0.709039	1.148235	0.418188
-1.98E-05	-0.275661	-0.957636	
0.56342	-0.709039	1.148235	0.418188
-1.98E-05	-0.451058	-1.439231	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.347558	-2.077735	-0.090019
-3.77E-06	-0.055010	-0.924864	
0.14085	1.347558	-2.077735	-0.090019
-3.77E-06	-0.017254	-0.053416	
0.28171	1.347558	-2.077735	-0.090019
-3.77E-06	0.020502	0.818032	
0.42256	1.347558	-2.077735	-0.090019
-3.77E-06	0.058258	1.689480	
0.56342	1.347558	-2.077735	-0.090019
-3.77E-06	0.096014	2.560928	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.797512	1.167015	-0.283741
2.17E-05	-0.168833	0.524187	
0.14085	-0.797512	1.167015	-0.283741
2.17E-05	-0.049826	0.034715	
0.28171	-0.797512	1.167015	-0.283741
2.17E-05	0.069181	-0.454757	
0.42256	-0.797512	1.167015	-0.283741
2.17E-05	0.188189	-0.944228	
0.56342	-0.797512	1.167015	-0.283741
2.17E-05	0.307196	-1.433700	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.101980	-0.129014	0.065080
-8.91E-06	0.038774	-0.069634	
0.14085	0.101980	-0.129014	0.065080
-8.91E-06	0.011478	-0.015523	
0.28171	0.101980	-0.129014	0.065080
-8.91E-06	-0.015818	0.038588	
0.42256	0.101980	-0.129014	0.065080
-8.91E-06	-0.043114	0.092699	
0.56342	0.101980	-0.129014	0.065080
-8.91E-06	-0.070411	0.146810	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019871	0.022760	-0.011096
1.57E-06	-0.006551	0.013099	
0.14085	-0.019871	0.022760	-0.011096
1.57E-06	-0.001897	0.003553	
0.28171	-0.019871	0.022760	-0.011096
1.57E-06	0.002757	-0.005993	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.019871	0.022760	-0.011096
1.57E-06	0.007410	-0.015539	
0.56342	-0.019871	0.022760	-0.011096
1.57E-06	0.012064	-0.025085	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.526422	-2.338010	-0.123350
-3.46E-06	-0.075146	-1.024435	
0.14085	1.526422	-2.338010	-0.123350
-3.46E-06	-0.023410	-0.043822	
0.28171	1.526422	-2.338010	-0.123350
-3.46E-06	0.028326	0.936791	
0.42256	1.526422	-2.338010	-0.123350
-3.46E-06	0.080062	1.917404	
0.56342	1.526422	-2.338010	-0.123350
-3.46E-06	0.131798	2.898016	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.526422	2.338010	0.123350
3.46E-06	0.075146	1.024435	
0.14085	-1.526422	2.338010	0.123350
3.46E-06	0.023410	0.043822	
0.28171	-1.526422	2.338010	0.123350
3.46E-06	-0.028326	-0.936791	
0.42256	-1.526422	2.338010	0.123350
3.46E-06	-0.080062	-1.917404	
0.56342	-1.526422	2.338010	0.123350
3.46E-06	-0.131798	-2.898016	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.526422	2.338010	0.418188
2.17E-05	0.250530	1.024435	
0.14085	1.526422	2.338010	0.418188
2.17E-05	0.075133	0.043822	
0.28171	1.526422	2.338010	0.418188
2.17E-05	0.069181	0.936791	
0.42256	1.526422	2.338010	0.418188
2.17E-05	0.188189	1.917404	
0.56342	1.526422	2.338010	0.418188
2.17E-05	0.307196	2.898016	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.526422	-2.338010	-0.283741
-1.98E-05	-0.168833	-1.024435	
0.14085	-1.526422	-2.338010	-0.283741
-1.98E-05	-0.049826	-0.053416	
0.28171	-1.526422	-2.338010	-0.283741
-1.98E-05	-0.100264	-0.936791	
0.42256	-1.526422	-2.338010	-0.283741
-1.98E-05	-0.275661	-1.917404	
0.56342	-1.526422	-2.338010	-0.283741
-1.98E-05	-0.451058	-2.898016	

ELEM 210 ========== LENGTH = 2.977323

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.107925	-0.113683	-0.090504
-2.05E-06	-0.095177	-0.204098	
0.57748	0.107925	-0.113683	-0.090504
-2.05E-06	-0.057226	-0.156627	
0.71832	0.107925	-0.113683	-0.090504
-2.05E-06	-0.019275	-0.108957	
0.85916	0.107925	-0.113683	-0.090504
-2.05E-06	0.018677	-0.061286	
1.00000	0.107925	-0.113683	-0.090504
-2.05E-06	0.056628	-0.013616	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.896132	1.280039	0.368529
2.12E-05	0.387441	2.524179	
0.57748	-0.896132	1.280039	0.368529
2.12E-05	0.232906	1.987419	
0.71832	-0.896132	1.280039	0.368529
2.12E-05	0.078370	1.450659	
0.85916	-0.896132	1.280039	0.368529
2.12E-05	-0.076166	0.913899	
1.00000	-0.896132	1.280039	0.368529
2.12E-05	-0.230701	0.377139	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.634157	-2.337668	0.023305
1.07E-06	0.024405	-4.637922	
0.57748	1.634157	-2.337668	0.023305
1.07E-06	0.014432	-3.657565	
0.71832	1.634157	-2.337668	0.023305
1.07E-06	0.004859	-2.677409	
0.85916	1.634157	-2.337668	0.023305
1.07E-06	-0.004913	-1.697153	
1.00000	1.634157	-2.337668	0.023305
1.07E-06	-0.014686	-0.716897	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.939561	1.298352	-0.373505
-1.93E-05	-0.392658	2.570395	
0.57748	-0.939561	1.298352	-0.373505
-1.93E-05	-0.236036	2.025956	
0.71832	-0.939561	1.298352	-0.373505
-1.93E-05	-0.079414	1.481517	
0.85916	-0.939561	1.298352	-0.373505
-1.93E-05	0.077208	0.937078	
1.00000	-0.939561	1.298352	-0.373505
-1.93E-05	0.233830	0.392639	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.116359	-0.152602	0.087794
-1.03E-06	0.092358	-0.304656	
0.57748	0.116359	-0.152602	0.087794
-1.03E-06	0.055543	-0.240665	
0.71832	0.116359	-0.152602	0.087794
-1.03E-06	0.018728	-0.176674	
0.85916	0.116359	-0.152602	0.087794
-1.03E-06	-0.018087	-0.112683	
1.00000	0.116359	-0.152602	0.087794
-1.03E-06	-0.054902	-0.048692	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.022748	0.025561	-0.015619
1.90E-07	-0.016368	0.052301	
0.57748	-0.022748	0.025561	-0.015619
1.90E-07	-0.009818	0.041582	
0.71832	-0.022748	0.025561	-0.015619
1.90E-07	-0.003269	0.030864	
0.85916	-0.022748	0.025561	-0.015619
1.90E-07	0.003281	0.020145	
1.00000	-0.022748	0.025561	-0.015619
1.90E-07	0.009831	0.009426	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.858441	-2.603953	0.020595
-2.02E-06	0.021585	-5.146875	
0.57748	1.858441	-2.603953	0.020595
-2.02E-06	0.012949	-4.054958	
0.71832	1.858441	-2.603953	0.020595
-2.02E-06	0.004313	-2.963040	
0.85916	1.858441	-2.603953	0.020595
-2.02E-06	-0.004323	-1.871122	
1.00000	1.858441	-2.603953	0.020595
-2.02E-06	-0.012960	-0.779204	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
437

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-1.858441	2.603953	-0.020595
2.02E-06	-0.021585	5.146875	
0.57748	-1.858441	2.603953	-0.020595
2.02E-06	-0.012949	4.054958	
0.71832	-1.858441	2.603953	-0.020595
2.02E-06	-0.004313	2.963040	
0.85916	-1.858441	2.603953	-0.020595
2.02E-06	0.004323	1.871122	
1.00000	-1.858441	2.603953	-0.020595
2.02E-06	0.012960	0.779204	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.858441	2.603953	0.368529
2.12E-05	0.387441	5.146875	
0.57748	1.858441	2.603953	0.368529
2.12E-05	0.232906	4.054958	
0.71832	1.858441	2.603953	0.368529
2.12E-05	0.078370	2.963040	
0.85916	1.858441	2.603953	0.368529
2.12E-05	0.077208	1.871122	
1.00000	1.858441	2.603953	0.368529
2.12E-05	0.233830	0.779204	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-1.858441	-2.603953	-0.373505
-1.93E-05	-0.392658	-5.146875	
0.57748	-1.858441	-2.603953	-0.373505
-1.93E-05	-0.236036	-4.054958	
0.71832	-1.858441	-2.603953	-0.373505
-1.93E-05	-0.079414	-2.963040	
0.85916	-1.858441	-2.603953	-0.373505
-1.93E-05	-0.076166	-1.871122	
1.00000	-1.858441	-2.603953	-0.373505
-1.93E-05	-0.230701	-0.779204	

ELEM 211 ========== LENGTH = 2.977383

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112989	-0.126003	-0.092308
7.96E-06	-0.058071	-0.115137	
0.14084	0.112989	-0.126003	-0.092308
7.96E-06	-0.019362	0.037701	
0.28169	0.112989	-0.126003	-0.092308
7.96E-06	0.019347	0.090540	
0.42253	0.112989	-0.126003	-0.092308
7.96E-06	0.058056	0.143379	
0.56337	0.112989	-0.126003	-0.092308
7.96E-06	0.096765	0.196218	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.919836	1.249702	0.375313
-1.86E-05	0.236120	0.385526	
0.14084	-0.919836	1.249702	0.375313
-1.86E-05	0.078734	-0.138531	
0.28169	-0.919836	1.249702	0.375313
-1.86E-05	-0.078652	-0.662589	
0.42253	-0.919836	1.249702	0.375313
-1.86E-05	-0.236038	-1.186646	
0.56337	-0.919836	1.249702	0.375313
-1.86E-05	-0.393423	-1.710703	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.672299	-2.254488	0.022875
-1.59E-06	0.014306	-0.730725	
0.14084	1.672299	-2.254488	0.022875
-1.59E-06	0.004713	0.214685	
0.28169	1.672299	-2.254488	0.022875
-1.59E-06	-0.004880	1.160095	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
438

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	1.672299	-2.254488	0.022875
-1.59E-06	0.014472	2.105505	
0.56337	1.672299	-2.254488	0.022875
-1.59E-06	-0.024065	3.050915	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.965813	1.272914	-0.380167
2.09E-05	-0.239145	0.401636	
0.14084	-0.965813	1.272914	-0.380167
2.09E-05	-0.079724	-0.132155	
0.28169	-0.965813	1.272914	-0.380167
2.09E-05	0.079697	-0.665946	
0.42253	-0.965813	1.272914	-0.380167
2.09E-05	0.239118	-1.199737	
0.56337	-0.965813	1.272914	-0.380167
2.09E-05	0.398540	-1.733528	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124559	-0.170998	0.089634
-1.05E-05	0.056383	-0.051172	
0.14084	0.124559	-0.170998	0.089634
-1.05E-05	0.018795	0.020535	
0.28169	0.124559	-0.170998	0.089634
-1.05E-05	-0.018792	0.092242	
0.42253	0.124559	-0.170998	0.089634
-1.05E-05	-0.056380	0.163949	
0.56337	0.124559	-0.170998	0.089634
-1.05E-05	-0.093968	0.235656	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024198	0.028873	-0.015348
1.85E-06	-0.009592	0.009872	
0.14084	-0.024198	0.028873	-0.015348
1.85E-06	-0.003156	-0.002236	
0.28169	-0.024198	0.028873	-0.015348
1.85E-06	0.003280	-0.014344	
0.42253	-0.024198	0.028873	-0.015348
1.85E-06	0.009716	-0.026451	
0.56337	-0.024198	0.028873	-0.015348
1.85E-06	0.016152	-0.038559	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.909847	-2.551488	0.020201
-4.14E-06	0.012617	-0.797034	
0.14084	1.909847	-2.551488	0.020201
-4.14E-06	0.004146	0.272922	
0.28169	1.909847	-2.551488	0.020201
-4.14E-06	-0.004325	1.342878	
0.42253	1.909847	-2.551488	0.020201
-4.14E-06	-0.012797	2.412834	
0.56337	1.909847	-2.551488	0.020201
-4.14E-06	-0.021268	3.482790	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.909847	2.551488	-0.020201
4.14E-06	0.012617	0.797034	
0.14084	-1.909847	2.551488	-0.020201
4.14E-06	-0.004146	-0.272922	
0.28169	-1.909847	2.551488	-0.020201
4.14E-06	0.004325	-1.342878	
0.42253	-1.909847	2.551488	-0.020201
4.14E-06	0.012797	-2.412834	
0.56337	-1.909847	2.551488	-0.020201
4.14E-06	0.021268	-3.482790	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.909847	2.551488	0.375313
2.09E-05	0.236120	0.797034	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
439

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	1.909847	2.551488	0.375313
2.09E-05	0.078734	0.272922	
0.28169	1.909847	2.551488	0.375313
2.09E-05	0.079697	1.342878	
0.42253	1.909847	2.551488	0.375313
2.09E-05	0.239118	2.412834	
0.56337	1.909847	2.551488	0.375313
2.09E-05	0.398540	3.482790	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.909847	-2.551488	-0.380167
-1.86E-05	-0.239145	-0.797034	
0.14084	-1.909847	-2.551488	-0.380167
-1.86E-05	-0.079724	-0.272922	
0.28169	-1.909847	-2.551488	-0.380167
-1.86E-05	-0.078652	-1.342878	
0.42253	-1.909847	-2.551488	-0.380167
-1.86E-05	-0.236038	-2.412834	
0.56337	-1.909847	-2.551488	-0.380167
-1.86E-05	-0.393423	-3.482790	

ELEM 212 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.075505	-0.095194	-0.073474
-1.20E-06	-0.079604	-0.183758	
0.57750	0.075505	-0.095194	-0.073474
-1.20E-06	-0.048798	-0.143846	
0.71833	0.075505	-0.095194	-0.073474
-1.20E-06	-0.017993	-0.103933	
0.85917	0.075505	-0.095194	-0.073474
-1.20E-06	0.012813	-0.064021	
1.00000	0.075505	-0.095194	-0.073474
-1.20E-06	0.043618	-0.024109	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.688803	1.129518	0.284484
1.10E-05	0.398338	2.388762	
0.57750	-0.688803	1.129518	0.284484
1.10E-05	0.189062	1.915189	
0.71833	-0.688803	1.129518	0.284484
1.10E-05	0.069787	1.441615	
0.85917	-0.688803	1.129518	0.284484
1.10E-05	0.049489	0.968042	
1.00000	-0.688803	1.129518	0.284484
1.10E-05	-0.168765	0.494468	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.322160	-2.020425	0.122656
2.27E-05	0.132688	-4.312747	
0.57750	1.322160	-2.020425	0.122656
2.27E-05	0.081262	-3.465642	
0.71833	1.322160	-2.020425	0.122656
2.27E-05	0.029836	-2.618538	
0.85917	1.322160	-2.020425	0.122656
2.27E-05	-0.021590	-1.771433	
1.00000	1.322160	-2.020425	0.122656
2.27E-05	-0.073015	-0.924329	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.790595	1.118560	-0.414563
-3.29E-05	-0.449288	2.374341	
0.57750	-0.790595	1.118560	-0.414563
-3.29E-05	-0.275474	1.905362	
0.71833	-0.790595	1.118560	-0.414563
-3.29E-05	-0.101660	1.436383	
0.85917	-0.790595	1.118560	-0.414563
-3.29E-05	0.072154	0.967403	
1.00000	-0.790595	1.118560	-0.414563
-3.29E-05	0.245968	0.498424	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
440

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.101634	-0.160704	0.098463
5.13E-07	0.106833	-0.324841	
0.57750	0.101634	-0.160704	0.098463
5.13E-07	0.065551	-0.257463	
0.71833	0.101634	-0.160704	0.098463
5.13E-07	0.024269	-0.190084	
0.85917	0.101634	-0.160704	0.098463
5.13E-07	-0.017014	-0.122706	
1.00000	0.101634	-0.160704	0.098463
5.13E-07	-0.058296	-0.055328	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.019902	0.028245	-0.017565
-8.90E-08	-0.011867	0.058242	
0.57750	-0.019902	0.028245	-0.017565
-8.90E-08	-0.011603	0.046400	
0.71833	-0.019902	0.028245	-0.017565
-8.90E-08	-0.004238	0.034558	
0.85917	-0.019902	0.028245	-0.017565
-8.90E-08	0.003126	0.022715	
1.00000	-0.019902	0.028245	-0.017565
-8.90E-08	0.010490	0.010873	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.499300	-2.276324	0.147644
2.20E-05	0.159918	-4.821346	
0.57750	1.499300	-2.276324	0.147644
2.20E-05	0.098015	-3.866951	
0.71833	1.499300	-2.276324	0.147644
2.20E-05	0.036112	-2.912555	
0.85917	1.499300	-2.276324	0.147644
2.20E-05	0.025791	-1.958160	
1.00000	1.499300	-2.276324	0.147644
2.20E-05	-0.087694	-1.003765	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.499300	2.276324	-0.147644
-2.20E-05	-0.159918	4.821346	
0.57750	-1.499300	2.276324	-0.147644
-2.20E-05	-0.098015	3.866951	
0.71833	-1.499300	2.276324	-0.147644
-2.20E-05	-0.036112	2.912555	
0.85917	-1.499300	2.276324	-0.147644
-2.20E-05	0.025791	1.958160	
1.00000	-1.499300	2.276324	-0.147644
-2.20E-05	0.087694	1.003765	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.499300	2.276324	0.284484
2.27E-05	0.308338	4.821346	
0.57750	1.499300	2.276324	0.284484
2.27E-05	0.189062	3.866951	
0.71833	1.499300	2.276324	0.284484
2.27E-05	0.069787	2.912555	
0.85917	1.499300	2.276324	0.284484
2.27E-05	0.072154	1.958160	
1.00000	1.499300	2.276324	0.284484
2.27E-05	0.245968	1.003765	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.499300	-2.276324	-0.414563
-3.29E-05	-0.449288	-4.821346	
0.57750	-1.499300	-2.276324	-0.414563
-3.29E-05	-0.275474	-3.866951	
0.71833	-1.499300	-2.276324	-0.414563
-3.29E-05	-0.101660	-2.912555	
0.85917	-1.499300	-2.276324	-0.414563
-3.29E-05	-0.049489	-1.958160	
1.00000	-1.499300	-2.276324	-0.414563
-3.29E-05	-0.168765	-1.003765	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
441

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 213 ========== LENGTH = 2.977141

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093301	-0.101939	-0.073817
7.25E-06	-0.043940	-0.025939	
0.14084	0.093301	-0.101939	-0.073817
7.25E-06	-0.012990	0.016802	
0.28167	0.093301	-0.101939	-0.073817
7.25E-06	0.017960	0.059543	
0.42250	0.093301	-0.101939	-0.073817
7.25E-06	0.048911	0.102285	
0.56334	0.093301	-0.101939	-0.073817
7.25E-06	0.079861	0.145026	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.765790	1.165139	0.284821
-2.03E-05	0.369454	0.558567	
0.14083	-0.765790	1.165139	0.284821
-2.03E-05	0.050033	0.016041	
0.28167	-0.765790	1.165139	0.284821
-2.03E-05	-0.069388	-0.472484	
0.42250	-0.765790	1.165139	0.284821
-2.03E-05	-0.188810	-0.961010	
0.56334	-0.765790	1.165139	0.284821
-2.03E-05	-0.308231	-1.449536	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.339890	-2.088324	0.132963
4.76E-07	0.080429	-0.940563	
0.14083	1.339890	-2.088324	0.132963
4.76E-07	0.024679	-0.064959	
0.28167	1.339890	-2.088324	0.132963
4.76E-07	-0.031071	0.810645	
0.42250	1.339890	-2.088324	0.132963
4.76E-07	-0.086820	1.686249	
0.56334	1.339890	-2.088324	0.132963
4.76E-07	-0.142570	2.561852	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.739411	1.180664	-0.427962
2.28E-05	-0.256208	0.508310	
0.14083	-0.739411	1.180664	-0.427962
2.28E-05	-0.076769	0.013275	
0.28167	-0.739411	1.180664	-0.427962
2.28E-05	0.102669	-0.481760	
0.42250	-0.739411	1.180664	-0.427962
2.28E-05	0.282107	-0.976795	
0.56334	-0.739411	1.180664	-0.427962
2.28E-05	0.461545	-1.471831	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.089886	-0.188836	0.101331
-1.24E-05	0.060534	-0.057669	
0.14083	0.089886	-0.188836	0.101331
-1.24E-05	0.018047	0.021507	
0.28167	0.089886	-0.188836	0.101331
-1.24E-05	-0.024440	0.100683	
0.42250	0.089886	-0.188836	0.101331
-1.24E-05	-0.066926	0.179859	
0.56334	0.089886	-0.188836	0.101331
-1.24E-05	-0.109413	0.259035	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017876	0.033295	-0.017337
2.19E-06	-0.010269	0.011293	
0.14083	-0.017876	0.033295	-0.017337
2.19E-06	-0.003000	-0.002667	
0.28167	-0.017876	0.033295	-0.017337
2.19E-06	0.004269	-0.016627	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
442

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-0.017876	0.033295	-0.017337
2.19E-06	0.011538	-0.030587	
0.56334	-0.017876	0.033295	-0.017337
2.19E-06	0.018808	-0.044547	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.523077	-2.379098	0.160478
-4.70E-06	0.097022	-1.024171	
0.14083	1.523077	-2.379098	0.160478
-4.70E-06	0.029736	-0.026650	
0.28167	1.523077	-2.379098	0.160478
-4.70E-06	-0.037550	0.970872	
0.42250	1.523077	-2.379098	0.160478
-4.70E-06	-0.104836	1.968393	
0.56334	1.523077	-2.379098	0.160478
-4.70E-06	-0.172122	2.965914	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.523077	2.379098	-0.160478
4.70E-06	-0.097022	1.024171	
0.14083	-1.523077	2.379098	-0.160478
4.70E-06	-0.029736	0.026650	
0.28167	-1.523077	2.379098	-0.160478
4.70E-06	0.037550	-0.970872	
0.42250	-1.523077	2.379098	-0.160478
4.70E-06	0.104836	-1.968393	
0.56334	-1.523077	2.379098	-0.160478
4.70E-06	0.172122	-2.965914	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.523077	2.379098	0.284821
2.28E-05	0.169454	1.024171	
0.14083	1.523077	2.379098	0.284821
2.28E-05	0.050033	0.026650	
0.28167	1.523077	2.379098	0.284821
2.28E-05	0.102669	0.970872	
0.42250	1.523077	2.379098	0.284821
2.28E-05	0.282107	1.968393	
0.56334	1.523077	2.379098	0.284821
2.28E-05	0.461545	2.965914	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.523077	-2.379098	-0.427962
-2.03E-05	-0.256208	-1.024171	
0.14083	-1.523077	-2.379098	-0.427962
-2.03E-05	-0.076769	-0.064959	
0.28167	-1.523077	-2.379098	-0.427962
-2.03E-05	-0.069388	-0.970872	
0.42250	-1.523077	-2.379098	-0.427962
-2.03E-05	-0.188810	-1.968393	
0.56334	-1.523077	-2.379098	-0.427962
-2.03E-05	-0.308231	-2.965914	

ELEM 214 ========== LENGTH = 2.977780

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.019344	-0.075036	-0.052199
-1.05E-06	-0.058391	-0.159133	
0.57743	0.019344	-0.075036	-0.052199
-1.05E-06	-0.036497	-0.127659	
0.71828	0.019344	-0.075036	-0.052199
-1.05E-06	-0.014602	-0.096186	
0.85914	0.019344	-0.075036	-0.052199
-1.05E-06	0.007293	-0.064712	
1.00000	0.019344	-0.075036	-0.052199
-1.05E-06	0.029188	-0.033239	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
443

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.293196	0.853565	0.179541
5.14E-06	0.200847	1.949207	
0.57743	-0.293196	0.853565	0.179541
5.14E-06	0.125539	1.591183	
0.71828	-0.293196	0.853565	0.179541
5.14E-06	0.050231	1.233160	
0.85914	-0.293196	0.853565	0.179541
5.14E-06	-0.025076	0.875136	
1.00000	-0.293196	0.853565	0.179541
5.14E-06	-0.100384	0.517112	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.558655	-1.524969	0.250912
3.66E-05	0.281878	-3.485046	
0.57743	0.558655	-1.524969	0.250912
3.66E-05	0.176634	-2.845536	
0.71828	0.558655	-1.524969	0.250912
3.66E-05	0.071390	-2.205765	
0.85914	0.558655	-1.524969	0.250912
3.66E-05	-0.033853	-1.566125	
1.00000	0.558655	-1.524969	0.250912
3.66E-05	-0.139097	-0.926485	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.311872	0.828712	-0.465984
-4.12E-05	-0.523131	1.856069	
0.57743	-0.311872	0.828712	-0.465984
-4.12E-05	-0.327677	1.508470	
0.71828	-0.311872	0.828712	-0.465984
-4.12E-05	-0.132222	1.160871	
0.85914	-0.311872	0.828712	-0.465984
-4.12E-05	0.063232	0.813272	
1.00000	-0.311872	0.828712	-0.465984
-4.12E-05	0.258687	0.465673	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.034407	-0.100346	0.106932
5.38E-07	0.120249	-0.198249	
0.57743	0.034407	-0.100346	0.106932
5.38E-07	0.075397	-0.156160	
0.71828	0.034407	-0.100346	0.106932
5.38E-07	0.030545	-0.114070	
0.85914	0.034407	-0.100346	0.106932
5.38E-07	-0.014307	-0.071980	
1.00000	0.034407	-0.100346	0.106932
5.38E-07	-0.059160	-0.029891	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.007338	0.018074	-0.019203
-9.62E-08	-0.021451	0.037153	
0.57743	-0.007338	0.018074	-0.019203
-9.62E-08	-0.013397	0.029572	
0.71828	-0.007338	0.018074	-0.019203
-9.62E-08	-0.005342	0.021991	
0.85914	-0.007338	0.018074	-0.019203
-9.62E-08	0.002712	0.014410	
1.00000	-0.007338	0.018074	-0.019203
-9.62E-08	0.010767	0.006829	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.612406	-1.700351	0.305645
3.61E-05	0.343736	-3.842428	
0.57743	0.612406	-1.700351	0.305645
3.61E-05	0.215535	-3.129225	
0.71828	0.612406	-1.700351	0.305645
3.61E-05	0.087333	-2.416021	
0.85914	0.612406	-1.700351	0.305645
3.61E-05	-0.040868	-1.702817	
1.00000	0.612406	-1.700351	0.305645
3.61E-05	-0.169069	-0.989614	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
444

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.612406	1.700351	-0.305645
-3.61E-05	-0.343736	3.842428	
0.57743	-0.612406	1.700351	-0.305645
-3.61E-05	-0.215535	3.129225	
0.71828	-0.612406	1.700351	-0.305645
-3.61E-05	-0.087333	2.416021	
0.85914	-0.612406	1.700351	-0.305645
-3.61E-05	0.040868	1.702817	
1.00000	-0.612406	1.700351	-0.305645
-3.61E-05	0.169069	0.989614	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.612406	1.700351	0.305645
3.66E-05	0.343736	3.842428	
0.57743	0.612406	1.700351	0.305645
3.66E-05	0.215535	3.129225	
0.71828	0.612406	1.700351	0.305645
3.66E-05	0.087333	2.416021	
0.85914	0.612406	1.700351	0.305645
3.66E-05	0.063232	1.702817	
1.00000	0.612406	1.700351	0.305645
3.66E-05	0.258687	0.989614	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.612406	-1.700351	-0.465984
-4.12E-05	-0.523131	-3.842428	
0.57743	-0.612406	-1.700351	-0.465984
-4.12E-05	-0.327677	-3.129225	
0.71828	-0.612406	-1.700351	-0.465984
-4.12E-05	-0.132222	-2.416021	
0.85914	-0.612406	-1.700351	-0.465984
-4.12E-05	-0.040868	-1.702817	
1.00000	-0.612406	-1.700351	-0.465984
-4.12E-05	-0.169069	-0.989614	

ELEM 215 ========== LENGTH = 2.976842

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022939	-0.088473	-0.052327
6.52E-06	-0.020299	-0.035348	
0.14082	0.022939	-0.088473	-0.052327
6.52E-06	-0.007363	0.001740	
0.28165	0.022939	-0.088473	-0.052327
6.52E-06	0.014573	0.038829	
0.42247	0.022939	-0.088473	-0.052327
6.52E-06	0.036509	0.075918	
0.56330	0.022939	-0.088473	-0.052327
6.52E-06	0.058445	0.113007	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.315286	0.928993	0.179469
-2.25E-05	0.100615	0.528798	
0.14082	-0.315286	0.928993	0.179469
-2.25E-05	0.025379	0.139354	
0.28165	-0.315286	0.928993	0.179469
-2.25E-05	-0.049856	-0.250089	
0.42247	-0.315286	0.928993	0.179469
-2.25E-05	-0.125091	-0.639533	
0.56330	-0.315286	0.928993	0.179469
-2.25E-05	-0.200326	-1.028977	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.597564	-1.646704	0.262727
5.54E-06	0.147594	-0.944342	
0.14082	0.597564	-1.646704	0.262727
5.54E-06	0.037456	-0.254027	
0.28165	0.597564	-1.646704	0.262727
5.54E-06	-0.072682	0.436288	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
445

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42247	0.597564	-1.646704	0.262727
5.54E-06	0.126604		
0.56330	0.597564	-1.646704	0.262727
5.54E-06	-0.292958	1.816919	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.335491	0.902293	-0.481204
2.10E-05	-0.270123	0.474965	
0.14082	-0.335491	0.902293	-0.481204
2.10E-05	-0.068397	0.096715	
0.28165	-0.335491	0.902293	-0.481204
2.10E-05	0.133329	-0.281536	
0.42247	-0.335491	0.902293	-0.481204
2.10E-05	0.335054	-0.659786	
0.56330	-0.335491	0.902293	-0.481204
2.10E-05	0.536780	-1.038037	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038324	-0.117214	0.110093
-1.28E-05	0.061562	-0.031123	
0.14082	0.038324	-0.117214	0.110093
-1.28E-05	0.015411	0.018014	
0.28165	0.038324	-0.117214	0.110093
-1.28E-05	-0.030741	0.067152	
0.42247	0.038324	-0.117214	0.110093
-1.28E-05	-0.076893	0.116289	
0.56330	0.038324	-0.117214	0.110093
-1.28E-05	-0.123045	0.165426	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008050	0.021104	-0.018757
2.25E-06	-0.010348	0.007050	
0.14082	-0.008050	0.021104	-0.018757
2.25E-06	-0.002485	-0.001797	
0.28165	-0.008050	0.021104	-0.018757
2.25E-06	0.005378	-0.010644	
0.42247	-0.008050	0.021104	-0.018757
2.25E-06	0.013241	-0.019491	
0.56330	-0.008050	0.021104	-0.018757
2.25E-06	0.021104	-0.028338	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.658827	-1.852391	0.320492
-7.60E-07	0.179857	-1.010813	
0.14082	0.658827	-1.852391	0.320492
-7.60E-07	0.045503	-0.234272	
0.28165	0.658827	-1.852391	0.320492
-7.60E-07	-0.088851	0.542269	
0.42247	0.658827	-1.852391	0.320492
-7.60E-07	-0.223204	1.318811	
0.56330	0.658827	-1.852391	0.320492
-7.60E-07	-0.357558	2.095352	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.658827	1.852391	-0.320492
7.60E-07	-0.179857	1.010813	
0.14082	-0.658827	1.852391	-0.320492
7.60E-07	-0.045503	0.234272	
0.28165	-0.658827	1.852391	-0.320492
7.60E-07	0.088851	-0.542269	
0.42247	-0.658827	1.852391	-0.320492
7.60E-07	0.223204	-1.318811	
0.56330	-0.658827	1.852391	-0.320492
7.60E-07	0.357558	-2.095352	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.658827	1.852391	0.320492
2.10E-05	0.179857	1.010813	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
446

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	0.658827	1.852391	0.320492
2.10E-05	0.045503	0.234272	
0.28165	0.658827	1.852391	0.320492
2.10E-05	0.133329	0.542269	
0.42247	0.658827	1.852391	0.320492
2.10E-05	0.335054	1.318811	
0.56330	0.658827	1.852391	0.320492
2.10E-05	0.536780	2.095352	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.658827	-1.852391	-0.481204
-2.25E-05	-0.270123	-1.010813	
0.14082	-0.658827	-1.852391	-0.481204
-2.25E-05	-0.068397	-0.254027	
0.28165	-0.658827	-1.852391	-0.481204
-2.25E-05	-0.088851	-0.542269	
0.42247	-0.658827	-1.852391	-0.481204
-2.25E-05	-0.223204	-1.318811	
0.56330	-0.658827	-1.852391	-0.481204
-2.25E-05	-0.357558	-2.095352	

ELEM 216 ========== LENGTH = 2.977556

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.019869	-0.052335	-0.036587
-5.47E-07	-0.040821	-0.109365	
0.57743	-0.019869	-0.052335	-0.036587
-5.47E-07	-0.025477	-0.087416	
0.71830	-0.019869	-0.052335	-0.036587
-5.47E-07	-0.010133	-0.065467	
0.85915	-0.019869	-0.052335	-0.036587
-5.47E-07	0.005211	-0.043519	
1.00000	-0.019869	-0.052335	-0.036587
-5.47E-07	0.020555	-0.021570	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.033010	0.563049	0.099575
-2.99E-07	0.110951	1.340731	
0.57745	-0.033010	0.563049	0.099575
-2.99E-07	0.069190	1.104594	
0.71830	-0.033010	0.563049	0.099575
-2.99E-07	0.027429	0.868458	
0.85915	-0.033010	0.563049	0.099575
-2.99E-07	-0.014331	0.632321	
1.00000	-0.033010	0.563049	0.099575
-2.99E-07	-0.056092	0.396184	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.096819	-0.981120	0.373465
4.80E-05	0.418147	-2.335891	
0.57745	0.096819	-0.981120	0.373465
4.80E-05	0.261520	-1.924420	
0.71830	0.096819	-0.981120	0.373465
4.80E-05	0.104893	-1.512949	
0.85915	0.096819	-0.981120	0.373465
4.80E-05	-0.051734	-1.101478	
1.00000	0.096819	-0.981120	0.373465
4.80E-05	-0.208361	-0.690007	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.044860	0.496840	-0.527629
-4.91E-05	-0.590743	1.139770	
0.57745	-0.044860	0.496840	-0.527629
-4.91E-05	-0.369461	0.931401	
0.71830	-0.044860	0.496840	-0.527629
-4.91E-05	-0.148180	0.723032	
0.85915	-0.044860	0.496840	-0.527629
-4.91E-05	0.073102	0.514663	
1.00000	-0.044860	0.496840	-0.527629
-4.91E-05	0.294384	0.306294	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
447

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.001825	-0.032357	0.111343
2.46E-06	0.124896	-0.045937	
0.57745	0.001825	-0.032357	0.111343
2.46E-06	0.078200	-0.032367	
0.71830	0.001825	-0.032357	0.111343
2.46E-06	0.031504	-0.018797	
0.85915	0.001825	-0.032357	0.111343
2.46E-06	-0.015192	-0.005227	
1.00000	0.001825	-0.032357	0.111343
2.46E-06	-0.061888	0.008343	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.000905	0.005923	-0.020167
-4.49E-07	-0.022530	0.010691	
0.57745	-0.000905	0.005923	-0.020167
-4.49E-07	-0.013972	0.008207	
0.71830	-0.000905	0.005923	-0.020167
-4.49E-07	-0.005514	0.005723	
0.85915	-0.000905	0.005923	-0.020167
-4.49E-07	0.002943	0.003239	
1.00000	-0.000905	0.005923	-0.020167
-4.49E-07	0.011401	0.000755	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.078775	-1.065812	0.448220
4.99E-05	0.502222	-2.491192	
0.57745	0.078775	-1.065812	0.448220
4.99E-05	0.314243	-2.044203	
0.71830	0.078775	-1.065812	0.448220
4.99E-05	0.126265	-1.597213	
0.85915	0.078775	-1.065812	0.448220
4.99E-05	-0.061714	-1.150223	
1.00000	0.078775	-1.065812	0.448220
4.99E-05	-0.249693	-0.703233	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.078775	1.065812	-0.448220
-4.99E-05	-0.502222	2.491192	
0.57745	-0.078775	1.065812	-0.448220
-4.99E-05	-0.314243	2.044203	
0.71830	-0.078775	1.065812	-0.448220
-4.99E-05	-0.126265	1.597213	
0.85915	-0.078775	1.065812	-0.448220
-4.99E-05	0.061714	1.150223	
1.00000	-0.078775	1.065812	-0.448220
-4.99E-05	0.249693	0.703233	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.096819	1.065812	0.448220
4.99E-05	0.502222	2.491192	
0.57745	0.096819	1.065812	0.448220
4.99E-05	0.314243	2.044203	
0.71830	0.096819	1.065812	0.448220
4.99E-05	0.126265	1.597213	
0.85915	0.096819	1.065812	0.448220
4.99E-05	0.073102	1.150223	
1.00000	0.096819	1.065812	0.448220
4.99E-05	0.294384	0.703233	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.078775	-1.065812	-0.527629
-4.99E-05	-0.590743	-2.491192	
0.57745	-0.078775	-1.065812	-0.527629
-4.99E-05	-0.369461	-2.044203	
0.71830	-0.078775	-1.065812	-0.527629
-4.99E-05	-0.148180	-1.597213	
0.85915	-0.078775	-1.065812	-0.527629
-4.99E-05	-0.061714	-1.150223	
1.00000	-0.078775	-1.065812	-0.527629
-4.99E-05	-0.249693	-0.703233	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
448

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 217 ========== LENGTH = 2.977615

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017365	-0.044055	-0.036963
4.63E-06	-0.020677	-0.023451	
0.14085	-0.017365	-0.044055	-0.036963
4.63E-06	-0.005375	-0.004974	
0.28170	-0.017365	-0.044055	-0.036963
4.63E-06	0.010128	0.013503	
0.42256	-0.017365	-0.044055	-0.036963
4.63E-06	0.025631	0.031980	
0.56341	-0.017365	-0.044055	-0.036963
4.63E-06	0.041133	0.050457	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047799	0.517415	0.100284
-1.59E-05	0.056552	0.446618	
0.14085	-0.047799	0.517415	0.100284
-1.59E-05	0.014793	0.189612	
0.28170	-0.047799	0.517415	0.100284
-1.59E-05	-0.027267	-0.027394	
0.42256	-0.047799	0.517415	0.100284
-1.59E-05	-0.069326	-0.244400	
0.56341	-0.047799	0.517415	0.100284
-1.59E-05	-0.111386	-0.461405	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118893	-0.925926	0.382037
-2.27E-06	0.214778	-0.704837	
0.14085	0.118893	-0.925926	0.382037
-2.27E-06	0.054550	-0.316500	
0.28170	0.118893	-0.925926	0.382037
-2.27E-06	-0.105678	0.071837	
0.42256	0.118893	-0.925926	0.382037
-2.27E-06	-0.265906	0.460174	
0.56341	0.118893	-0.925926	0.382037
-2.27E-06	-0.426134	0.848511	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054750	0.493481	-0.539744
2.52E-05	-0.303831	0.312045	
0.14085	-0.054750	0.493481	-0.539744
2.52E-05	-0.077460	0.105078	
0.28170	-0.054750	0.493481	-0.539744
2.52E-05	0.148911	-0.101890	
0.42256	-0.054750	0.493481	-0.539744
2.52E-05	0.375282	-0.308858	
0.56341	-0.054750	0.493481	-0.539744
2.52E-05	0.601652	-0.515826	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001985	-0.050007	0.113591
-1.42E-05	0.063649	0.008984	
0.14085	0.001985	-0.050007	0.113591
-1.42E-05	0.016609	0.029957	
0.28170	0.001985	-0.050007	0.113591
-1.42E-05	-0.031632	0.050930	
0.42256	0.001985	-0.050007	0.113591
-1.42E-05	-0.079272	0.071902	
0.56341	0.001985	-0.050007	0.113591
-1.42E-05	-0.126913	0.092875	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000964	0.009092	-0.019205
2.49E-06	-0.010572	0.000640	
0.14085	-0.000964	0.009092	-0.019205
2.49E-06	-0.002517	-0.003173	
0.28170	-0.000964	0.009092	-0.019205
2.49E-06	0.005538	-0.006986	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
449

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.000964	0.009092	-0.019205
2.49E-06	0.013592	-0.010800	
0.56341	-0.000964	0.009092	-0.019205
2.49E-06	0.021647	-0.014613	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103512	-1.019988	0.458665
-1.18E-05	0.257550	-0.719304	
0.14085	0.103512	-1.019988	0.458665
-1.18E-05	0.065184	-0.291517	
0.28170	0.103512	-1.019988	0.458665
-1.18E-05	-0.127182	0.136270	
0.42256	0.103512	-1.019988	0.458665
-1.18E-05	-0.319548	0.564057	
0.56341	0.103512	-1.019988	0.458665
-1.18E-05	-0.511914	0.991844	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103512	1.019988	-0.458665
1.18E-05	-0.257550	0.719304	
0.14085	-0.103512	1.019988	-0.458665
1.18E-05	-0.065184	0.291517	
0.28170	-0.103512	1.019988	-0.458665
1.18E-05	0.127182	-0.136270	
0.42256	-0.103512	1.019988	-0.458665
1.18E-05	0.319548	-0.564057	
0.56341	-0.103512	1.019988	-0.458665
1.18E-05	0.511914	-0.991844	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118893	1.019988	0.458665
2.52E-05	0.257550	0.719304	
0.14085	0.118893	1.019988	0.458665
2.52E-05	0.065184	0.291517	
0.28170	0.118893	1.019988	0.458665
2.52E-05	0.148911	0.136270	
0.42256	0.118893	1.019988	0.458665
2.52E-05	0.375282	0.564057	
0.56341	0.118893	1.019988	0.458665
2.52E-05	0.601652	0.991844	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103512	-1.019988	-0.539744
-1.59E-05	-0.303831	-0.719304	
0.14085	-0.103512	-1.019988	-0.539744
-1.59E-05	-0.077460	-0.316500	
0.28170	-0.103512	-1.019988	-0.539744
-1.59E-05	-0.127182	-0.136270	
0.42256	-0.103512	-1.019988	-0.539744
-1.59E-05	-0.319548	-0.564057	
0.56341	-0.103512	-1.019988	-0.539744
-1.59E-05	-0.511914	-0.991844	

ELEM 218 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.033506	-0.017316	-0.021779
-6.02E-07	-0.024399	-0.051615	
0.57747	-0.033506	-0.017316	-0.021779
-6.02E-07	-0.015266	-0.044353	
0.71831	-0.033506	-0.017316	-0.021779
-6.02E-07	-0.006133	-0.037092	
0.85916	-0.033506	-0.017316	-0.021779
-6.02E-07	0.003000	-0.029830	
1.00001	-0.033506	-0.017316	-0.021779
-6.02E-07	0.012133	-0.022569	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
450

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.057341	0.263465	0.027898
-1.28E-06	0.030939	0.787847	
0.57747	0.057341	0.263465	0.027898
-1.28E-06	0.019240	0.677363	
0.71831	0.057341	0.263465	0.027898
-1.28E-06	0.007541	0.566878	
0.85916	0.057341	0.263465	0.027898
-1.28E-06	-0.004158	0.456394	
1.00000	0.057341	0.263465	0.027898
-1.28E-06	-0.015857	0.345909	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.064151	-0.453514	0.470757
4.98E-05	0.526855	-1.296837	
0.57747	-0.064151	-0.453514	0.470757
4.98E-05	0.329443	-1.106655	
0.71831	-0.064151	-0.453514	0.470757
4.98E-05	0.132030	-0.916473	
0.85916	-0.064151	-0.453514	0.470757
4.98E-05	-0.065383	-0.726291	
1.00000	-0.064151	-0.453514	0.470757
4.98E-05	-0.262795	-0.536109	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.040103	0.199173	-0.559203
-4.87E-05	-0.626035	0.486133	
0.57747	0.040103	0.199173	-0.559203
-4.87E-05	-0.391532	0.402609	
0.71831	0.040103	0.199173	-0.559203
-4.87E-05	-0.157029	0.319085	
0.85916	0.040103	0.199173	-0.559203
-4.87E-05	0.077474	0.235562	
1.00000	0.040103	0.199173	-0.559203
-4.87E-05	0.311977	0.152038	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	3.76E-05	0.009921	0.100892
9.84E-07	0.113213	0.086337	
0.57747	3.76E-05	0.009921	0.100892
9.84E-07	0.070904	0.082177	
0.71831	3.76E-05	0.009921	0.100892
9.84E-07	0.028595	0.078017	
0.85916	3.76E-05	0.009921	0.100892
9.84E-07	-0.013715	0.073856	
1.00000	3.76E-05	0.009921	0.100892
9.84E-07	-0.056024	0.069696	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.000175	-0.001729	-0.018565
-1.92E-07	-0.020574	-0.011866	
0.57747	0.000175	-0.001729	-0.018565
-1.92E-07	-0.012789	-0.011141	
0.71831	0.000175	-0.001729	-0.018565
-1.92E-07	-0.005004	-0.010415	
0.85916	0.000175	-0.001729	-0.018565
-1.92E-07	0.002781	-0.009690	
1.00000	0.000175	-0.001729	-0.018565
-1.92E-07	0.010567	-0.008965	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.097619	-0.460909	0.549870
5.02E-05	0.615670	-1.262114	
0.57747	-0.097619	-0.460909	0.549870
5.02E-05	0.385081	-1.068831	
0.71831	-0.097619	-0.460909	0.549870
5.02E-05	0.154492	-0.875548	
0.85916	-0.097619	-0.460909	0.549870
5.02E-05	-0.076097	-0.682265	
1.00000	-0.097619	-0.460909	0.549870
5.02E-05	-0.306686	-0.488982	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 451
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.097619	0.460909	-0.549870
-5.02E-05	-0.615670	1.262114	
0.57747	0.097619	0.460909	-0.549870
-5.02E-05	-0.385081	1.068831	
0.71831	0.097619	0.460909	-0.549870
-5.02E-05	-0.154492	0.875548	
0.85916	0.097619	0.460909	-0.549870
-5.02E-05	0.076097	0.682265	
1.00000	0.097619	0.460909	-0.549870
-5.02E-05	0.306686	0.488982	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.097619	0.460909	0.549870
5.02E-05	0.615670	1.262114	
0.57747	0.097619	0.460909	0.549870
5.02E-05	0.385081	1.068831	
0.71831	0.097619	0.460909	0.549870
5.02E-05	0.154492	0.875548	
0.85916	0.097619	0.460909	0.549870
5.02E-05	0.077474	0.682265	
1.00000	0.097619	0.460909	0.549870
5.02E-05	0.311977	0.488982	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.097619	-0.460909	-0.559203
-5.02E-05	-0.626035	-1.296837	
0.57747	-0.097619	-0.460909	-0.559203
-5.02E-05	-0.391532	-1.106655	
0.71831	-0.097619	-0.460909	-0.559203
-5.02E-05	-0.157029	-0.916473	
0.85916	-0.097619	-0.460909	-0.559203
-5.02E-05	-0.076097	-0.726291	
1.00000	-0.097619	-0.460909	-0.559203
-5.02E-05	-0.306686	-0.536109	

ELEM 219 ========== LENGTH = 2.977474

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030151	-0.029317	-0.022928
2.92E-06	-0.013086	-0.024340	
0.14085	-0.030151	-0.029317	-0.022928
2.92E-06	-0.003470	-0.012046	
0.28169	-0.030151	-0.029317	-0.022928
2.92E-06	0.006145	0.000249	
0.42254	-0.030151	-0.029317	-0.022928
2.92E-06	0.015760	0.012543	
0.56339	-0.030151	-0.029317	-0.022928
2.92E-06	0.025376	0.024838	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038225	0.330305	0.028850
-8.71E-06	0.016680	0.355749	
0.14085	0.038225	0.330305	0.028850
-8.71E-06	0.004581	0.217229	
0.28169	0.038225	0.330305	0.028850
-8.71E-06	-0.007518	0.078710	
0.42254	0.038225	0.330305	0.028850
-8.71E-06	-0.019617	-0.059809	
0.56339	0.038225	0.330305	0.028850
-8.71E-06	-0.031716	-0.198329	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039014	-0.550066	0.478676
-8.80E-06	0.268958	-0.548563	
0.14085	-0.039014	-0.550066	0.478676
-8.80E-06	0.068217	-0.317882	
0.28169	-0.039014	-0.550066	0.478676
-8.80E-06	-0.132525	-0.087202	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 452
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	-0.039014	-0.550066	0.478676
-8.80E-06	0.143267	0.143478	
0.56339	-0.039014	-0.550066	0.478676
-8.80E-06	-0.534008	0.374159	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034530	0.239203	-0.569787
2.30E-05	-0.320353	0.153959	
0.14085	0.034530	0.239203	-0.569787
2.30E-05	-0.081402	0.053645	
0.28169	0.034530	0.239203	-0.569787
2.30E-05	0.157549	-0.046670	
0.42254	0.034530	0.239203	-0.569787
2.30E-05	0.396500	-0.146984	
0.56339	0.034530	0.239203	-0.569787
2.30E-05	0.635451	-0.247299	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004537	0.011976	0.102156
-1.02E-05	0.057012	0.072700	
0.14085	-0.004537	0.011976	0.102156
-1.02E-05	0.014171	0.067678	
0.28169	-0.004537	0.011976	0.102156
-1.02E-05	-0.028670	0.062656	
0.42254	-0.004537	0.011976	0.102156
-1.02E-05	-0.071511	0.057634	
0.56339	-0.004537	0.011976	0.102156
-1.02E-05	-0.114352	0.052612	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000947	-0.002101	-0.016967
1.79E-06	-0.009212	-0.009505	
0.14085	0.000947	-0.002101	-0.016967
1.79E-06	-0.002097	-0.008624	
0.28169	0.000947	-0.002101	-0.016967
1.79E-06	0.005019	-0.007743	
0.42254	0.000947	-0.002101	-0.016967
1.79E-06	0.012134	-0.006862	
0.56339	0.000947	-0.002101	-0.016967
1.79E-06	0.019249	-0.005981	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073702	-0.567407	0.557904
-1.61E-05	0.312885	-0.500203	
0.14085	-0.073702	-0.567407	0.557904
-1.61E-05	0.078917	-0.262250	
0.28169	-0.073702	-0.567407	0.557904
-1.61E-05	-0.155050	-0.024297	
0.42254	-0.073702	-0.567407	0.557904
-1.61E-05	-0.389017	0.213656	
0.56339	-0.073702	-0.567407	0.557904
-1.61E-05	-0.622985	0.451608	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073702	0.567407	-0.557904
1.61E-05	-0.312885	0.500203	
0.14085	0.073702	0.567407	-0.557904
1.61E-05	-0.078917	0.262250	
0.28169	0.073702	0.567407	-0.557904
1.61E-05	0.155050	0.024297	
0.42254	0.073702	0.567407	-0.557904
1.61E-05	0.389017	-0.213656	
0.56339	0.073702	0.567407	-0.557904
1.61E-05	0.622985	-0.451608	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073702	0.567407	0.557904
2.30E-05	0.312885	0.500203	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 453
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.073702	0.567407	0.557904
2.30E-05	0.078917	0.262250	
0.28169	0.073702	0.567407	0.557904
2.30E-05	0.157549	0.078710	
0.42254	0.073702	0.567407	0.557904
2.30E-05	0.396500	0.213656	
0.56339	0.073702	0.567407	0.557904
2.30E-05	0.635451	0.451608	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073702	-0.567407	-0.569787
-1.61E-05	-0.320353	-0.548563	
0.14085	-0.073702	-0.567407	-0.569787
-1.61E-05	-0.081402	-0.317882	
0.28169	-0.073702	-0.567407	-0.569787
-1.61E-05	-0.155050	-0.087202	
0.42254	-0.073702	-0.567407	-0.569787
-1.61E-05	-0.389017	-0.213656	
0.56339	-0.073702	-0.567407	-0.569787
-1.61E-05	-0.622985	-0.451608	

ELEM 220 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.033263	-0.006675	-0.008566
-5.48E-07	-0.009771	-0.018702	
0.57747	-0.033263	-0.006675	-0.008566
-5.48E-07	-0.006178	-0.015903	
0.71832	-0.033263	-0.006675	-0.008566
-5.48E-07	-0.002586	-0.013104	
0.85916	-0.033263	-0.006675	-0.008566
-5.48E-07	0.001006	-0.010305	
1.00000	-0.033263	-0.006675	-0.008566
-5.48E-07	0.004598	-0.007505	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.054012	0.151150	-0.032182
-2.10E-06	-0.036381	0.473424	
0.57747	0.054012	0.151150	-0.032182
-2.10E-06	-0.022885	0.410042	
0.71832	0.054012	0.151150	-0.032182
-2.10E-06	-0.009390	0.346660	
0.85916	0.054012	0.151150	-0.032182
-2.10E-06	0.004105	0.283277	
1.00000	0.054012	0.151150	-0.032182
-2.10E-06	0.017600	0.219895	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.044110	-0.210896	0.539623
5.25E-05	0.604123	-0.621438	
0.57747	-0.044110	-0.210896	0.539623
5.25E-05	0.377842	-0.533003	
0.71832	-0.044110	-0.210896	0.539623
5.25E-05	0.151560	-0.444567	
0.85916	-0.044110	-0.210896	0.539623
5.25E-05	-0.074722	-0.356132	
1.00000	-0.044110	-0.210896	0.539623
5.25E-05	-0.301004	-0.267696	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.005133	0.010291	-0.558939
-5.19E-05	-0.625706	-0.046537	
0.57747	0.005133	0.010291	-0.558939
-5.19E-05	-0.391324	-0.050852	
0.71832	0.005133	0.010291	-0.558939
-5.19E-05	-0.156942	-0.055167	
0.85916	0.005133	0.010291	-0.558939
-5.19E-05	0.077440	-0.059482	
1.00000	0.005133	0.010291	-0.558939
-5.19E-05	0.311822	-0.063798	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 454
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.020165	0.068207	0.074238
2.47E-06	0.083290	0.252616	
0.57747	0.020165	0.068207	0.074238
2.47E-06	0.052160	0.224015	
0.71832	0.020165	0.068207	0.074238
2.47E-06	0.021029	0.195414	
0.85916	0.020165	0.068207	0.074238
2.47E-06	-0.010101	0.166812	
1.00000	0.020165	0.068207	0.074238
2.47E-06	-0.041232	0.138211	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.001936	-0.012076	-0.014173
-4.71E-07	-0.015556	-0.033363	
0.57747	-0.001936	-0.012076	-0.014173
-4.71E-07	-0.009613	-0.034299	
0.71832	-0.001936	-0.012076	-0.014173
-4.71E-07	-0.003670	-0.029235	
0.85916	-0.001936	-0.012076	-0.014173
-4.71E-07	0.002273	-0.024171	
1.00000	-0.001936	-0.012076	-0.014173
-4.71E-07	0.008216	-0.019107	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.057209	-0.149364	0.605294
5.44E-05	0.677643	-0.387524	
0.57747	-0.057209	-0.149364	0.605294
5.44E-05	0.423823	-0.324891	
0.71832	-0.057209	-0.149364	0.605294
5.44E-05	0.170002	-0.262257	
0.85916	-0.057209	-0.149364	0.605294
5.44E-05	-0.083818	-0.199624	
1.00000	-0.057209	-0.149364	0.605294
5.44E-05	-0.337638	-0.136991	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.057209	0.149364	-0.605294
-5.44E-05	-0.677643	0.387524	
0.57747	0.057209	0.149364	-0.605294
-5.44E-05	-0.423823	0.324891	
0.71832	0.057209	0.149364	-0.605294
-5.44E-05	-0.170002	0.262257	
0.85916	0.057209	0.149364	-0.605294
-5.44E-05	0.083818	0.199624	
1.00000	0.057209	0.149364	-0.605294
-5.44E-05	0.337638	0.136991	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.057209	0.151150	0.605294
5.44E-05	0.677643	0.473424	
0.57747	0.057209	0.151150	0.605294
5.44E-05	0.423823	0.410042	
0.71832	0.057209	0.151150	0.605294
5.44E-05	0.170002	0.346660	
0.85916	0.057209	0.151150	0.605294
5.44E-05	0.083818	0.283277	
1.00000	0.057209	0.151150	0.605294
5.44E-05	0.337638	0.219895	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.057209	-0.210896	-0.605294
-5.44E-05	-0.677643	-0.621438	
0.57747	-0.057209	-0.210896	-0.605294
-5.44E-05	-0.423823	-0.533003	
0.71832	-0.057209	-0.210896	-0.605294
-5.44E-05	-0.170002	-0.444567	
0.85916	-0.057209	-0.210896	-0.605294
-5.44E-05	-0.083818	-0.356132	
1.00000	-0.057209	-0.210896	-0.605294
-5.44E-05	-0.337638	-0.267696	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 455
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 221 ========== LENGTH = 2.977396

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031144	-0.006512	-0.010793
1.09E-06	-0.006453	-0.008868	
0.14084	-0.031144	-0.006512	-0.010793
1.09E-06	-0.001927	-0.006137	
0.28169	-0.031144	-0.006512	-0.010793
1.09E-06	0.002599	-0.003406	
0.42253	-0.031144	-0.006512	-0.010793
1.09E-06	0.007125	-0.000676	
0.56338	-0.031144	-0.006512	-0.010793
1.09E-06	0.011651	0.002055	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.042085	0.150356	-0.031921
-6.15E-09	0.021481	0.221463	
0.14084	0.042085	0.150356	-0.031921
-6.15E-09	-0.003995	0.164411	
0.28169	0.042085	0.150356	-0.031921
-6.15E-09	0.009391	0.101360	
0.42253	0.042085	0.150356	-0.031921
-6.15E-09	0.022776	0.038308	
0.56338	0.042085	0.150356	-0.031921
-6.15E-09	0.036162	-0.024743	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032107	-0.208075	0.548694
-1.86E-05	0.308213	-0.275343	
0.14084	-0.032107	-0.208075	0.548694
-1.86E-05	0.078119	-0.188088	
0.28169	-0.032107	-0.208075	0.548694
-1.86E-05	-0.151975	-0.100832	
0.42253	-0.032107	-0.208075	0.548694
-1.86E-05	-0.382069	-0.013576	
0.56338	-0.032107	-0.208075	0.548694
-1.86E-05	-0.612163	0.073680	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009820	0.005937	-0.568442
2.30E-05	-0.319384	-0.066717	
0.14084	0.009820	0.005937	-0.568442
2.30E-05	-0.081009	-0.069206	
0.28169	0.009820	0.005937	-0.568442
2.30E-05	0.157367	-0.071696	
0.42253	0.009820	0.005937	-0.568442
2.30E-05	0.395742	-0.074186	
0.56338	0.009820	0.005937	-0.568442
2.30E-05	0.634118	-0.076675	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011861	0.070852	0.074201
-6.71E-06	0.041173	0.143527	
0.14084	0.011861	0.070852	0.074201
-6.71E-06	0.040517	0.113816	
0.28169	0.011861	0.070852	0.074201
-6.71E-06	-0.021059	0.084104	
0.42253	0.011861	0.070852	0.074201
-6.71E-06	-0.052175	0.054392	
0.56338	0.011861	0.070852	0.074201
-6.71E-06	-0.083291	0.024681	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000516	-0.012558	-0.011739
1.20E-06	-0.000167	-0.020063	
0.14084	-0.000516	-0.012558	-0.011739
1.20E-06	-0.001244	-0.014796	
0.28169	-0.000516	-0.012558	-0.011739
1.20E-06	0.003678	-0.009530	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 456
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.000516	-0.012558	-0.011739
1.20E-06	0.008601	-0.004264	
0.56338	-0.000516	-0.012558	-0.011739
1.20E-06	0.013524	0.001002	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051390	-0.143735	0.612101
-2.42E-05	0.342932	-0.140684	
0.14084	-0.051390	-0.143735	0.612101
-2.42E-05	0.086248	-0.080409	
0.28169	-0.051390	-0.143735	0.612101
-2.42E-05	-0.170436	-0.020134	
0.42253	-0.051390	-0.143735	0.612101
-2.42E-05	-0.427120	0.040141	
0.56338	-0.051390	-0.143735	0.612101
-2.42E-05	-0.683804	0.100416	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051390	0.143735	-0.612101
2.42E-05	-0.342932	0.140684	
0.14084	0.051390	0.143735	-0.612101
2.42E-05	-0.086248	0.080409	
0.28169	0.051390	0.143735	-0.612101
2.42E-05	0.170436	0.020134	
0.42253	0.051390	0.143735	-0.612101
2.42E-05	0.427120	-0.040141	
0.56338	0.051390	0.143735	-0.612101
2.42E-05	0.683804	-0.100416	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051390	0.150356	0.612101
2.42E-05	0.342932	0.227463	
0.14084	0.051390	0.150356	0.612101
2.42E-05	0.086248	0.164411	
0.28169	0.051390	0.150356	0.612101
2.42E-05	0.170436	0.101360	
0.42253	0.051390	0.150356	0.612101
2.42E-05	0.427120	0.054392	
0.56338	0.051390	0.150356	0.612101
2.42E-05	0.683804	0.100416	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051390	-0.208075	-0.612101
-2.42E-05	-0.342932	-0.275343	
0.14084	-0.051390	-0.208075	-0.612101
-2.42E-05	-0.086248	-0.188088	
0.28169	-0.051390	-0.208075	-0.612101
-2.42E-05	-0.170436	-0.100832	
0.42253	-0.051390	-0.208075	-0.612101
-2.42E-05	-0.427120	-0.074186	
0.56338	-0.051390	-0.208075	-0.612101
-2.42E-05	-0.683804	-0.100416	

ELEM 222 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.030407	0.008145	0.002023
-5.27E-07	0.001867	0.016279	
0.57747	-0.030407	0.008145	0.002023
-5.27E-07	0.001019	0.012864	
0.71832	-0.030407	0.008145	0.002023
-5.27E-07	0.000170	0.009448	
0.85916	-0.030407	0.008145	0.002023
-5.27E-07	-0.000678	0.006033	
1.00000	-0.030407	0.008145	0.002023
-5.27E-07	-0.001526	0.002617	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 457
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.029004	0.066341	-0.076285
-2.39E-06	-0.085667	0.249773	
0.57747	0.029004	0.066341	-0.076285
-2.39E-06	-0.053678	0.221954	
0.71832	0.029004	0.066341	-0.076285
-2.39E-06	-0.021689	0.194135	
0.85916	0.029004	0.066341	-0.076285
-2.39E-06	0.010299	0.166316	
1.00000	0.029004	0.066341	-0.076285
-2.39E-06	0.042288	0.138497	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.015629	0.010707	0.574023
5.27E-05	0.642671	-0.039437	
0.57747	0.015629	0.010707	0.574023
5.27E-05	0.401064	-0.043927	
0.71832	0.015629	0.010707	0.574023
5.27E-05	0.161257	-0.048417	
0.85916	0.015629	0.010707	0.574023
5.27E-05	-0.079449	-0.052906	
1.00000	0.015629	0.010707	0.574023
5.27E-05	-0.320156	-0.057396	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.055967	-0.214171	-0.524251
-5.16E-05	-0.586894	-0.632807	
0.57747	-0.055967	-0.214171	-0.524251
-5.16E-05	-0.367058	-0.542998	
0.71832	-0.055967	-0.214171	-0.524251
-5.16E-05	-0.147222	-0.453189	
0.85916	-0.055967	-0.214171	-0.524251
-5.16E-05	0.072615	-0.363379	
1.00000	-0.055967	-0.214171	-0.524251
-5.16E-05	0.292451	-0.273570	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.045809	0.156564	0.031546
2.24E-06	0.035496	0.482754	
0.57747	0.045809	0.156564	0.031546
2.24E-06	0.022268	0.417101	
0.71832	0.045809	0.156564	0.031546
2.24E-06	0.009040	0.351449	
0.85916	0.045809	0.156564	0.031546
2.24E-06	-0.004189	0.285797	
1.00000	0.045809	0.156564	0.031546
2.24E-06	-0.017417	0.220144	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.004067	-0.027586	-0.007055
-4.54E-07	-0.007474	-0.076562	
0.57747	-0.004067	-0.027586	-0.007055
-4.54E-07	-0.004515	-0.064995	
0.71832	-0.004067	-0.027586	-0.007055
-4.54E-07	-0.001556	-0.053427	
0.85916	-0.004067	-0.027586	-0.007055
-4.54E-07	0.001402	-0.041860	
1.00000	-0.004067	-0.027586	-0.007055
-4.54E-07	0.004361	-0.030292	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.031030	0.175416	0.607592
5.44E-05	0.680035	0.459596	
0.57747	0.031030	0.175416	0.607592
5.44E-05	0.425251	0.386038	
0.71832	0.031030	0.175416	0.607592
5.44E-05	0.170467	0.312481	
0.85916	0.031030	0.175416	0.607592
5.44E-05	-0.084316	0.238923	
1.00000	0.031030	0.175416	0.607592
5.44E-05	-0.339100	0.165365	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
458

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.031030	-0.175416	-0.607592
-5.44E-05	-0.680035	-0.459596	
0.57747	-0.031030	-0.175416	-0.607592
-5.44E-05	-0.425251	-0.386038	
0.71832	-0.031030	-0.175416	-0.607592
-5.44E-05	-0.170467	-0.312481	
0.85916	-0.031030	-0.175416	-0.607592
-5.44E-05	0.084316	-0.238923	
1.00000	-0.031030	-0.175416	-0.607592
-5.44E-05	0.339100	-0.165365	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.045809	0.175416	0.607592
5.44E-05	0.680035	0.482754	
0.57747	0.045809	0.175416	0.607592
5.44E-05	0.425251	0.417101	
0.71832	0.045809	0.175416	0.607592
5.44E-05	0.170467	0.351449	
0.85916	0.045809	0.175416	0.607592
5.44E-05	0.084316	0.285797	
1.00000	0.045809	0.175416	0.607592
5.44E-05	0.339100	0.220144	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.055967	-0.214171	-0.607592
-5.44E-05	-0.680035	-0.632807	
0.57747	-0.055967	-0.214171	-0.607592
-5.44E-05	-0.425251	-0.542998	
0.71832	-0.055967	-0.214171	-0.607592
-5.44E-05	-0.170467	-0.453189	
0.85916	-0.055967	-0.214171	-0.607592
-5.44E-05	-0.084316	-0.363379	
1.00000	-0.055967	-0.214171	-0.607592
-5.44E-05	-0.339100	-0.273570	

ELEM 223 ========== LENGTH = 2.977396

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028867	0.007682	-0.001397
-4.28E-07	-0.001339	0.001658	
0.14084	-0.028867	0.007634	-0.001397
-4.28E-07	-0.000754	-0.001563	
0.28169	-0.028867	0.007682	-0.001397
-4.28E-07	-0.000168	-0.004785	
0.42253	-0.028867	0.007682	-0.001397
-4.28E-07	0.000418	-0.008007	
0.56338	-0.028867	0.007682	-0.001397
-4.28E-07	0.001004	-0.011228	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020532	0.068985	-0.076964
7.14E-06	-0.042826	0.143816	
0.14084	0.020532	0.068985	-0.076964
7.14E-06	-0.010551	0.114887	
0.28169	0.020532	0.068985	-0.076964
7.14E-06	0.021723	0.085958	
0.42253	0.020532	0.068985	-0.076964
7.14E-06	0.053998	0.057029	
0.56338	0.020532	0.068985	-0.076964
7.14E-06	0.086273	0.028101	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020430	0.006366	0.584589
-2.43E-05	0.328595	-0.060312	
0.14084	0.020430	0.006366	0.584589
-2.43E-05	0.083448	-0.062982	
0.28169	0.020430	0.006366	0.584589
-2.43E-05	-0.161699	-0.065651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
459

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.020430	0.006366	0.584589
-2.43E-05	0.406846	-0.068321	
0.56338	0.020430	0.006366	0.584589
-2.43E-05	-0.651993	-0.070990	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044071	-0.211361	-0.532678
1.73E-05	-0.299134	-0.281219	
0.14084	-0.044071	-0.211361	-0.532678
1.73E-05	-0.075756	-0.192585	
0.28169	-0.044071	-0.211361	-0.532678
1.73E-05	0.147622	-0.103951	
0.42253	-0.044071	-0.211361	-0.532678
1.73E-05	0.371000	-0.015316	
0.56338	-0.044071	-0.211361	-0.532678
1.73E-05	0.594377	0.073318	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034023	0.155774	0.029991
3.41E-07	0.016115	0.227708	
0.14084	0.034023	0.155774	0.029991
3.41E-07	0.003539	0.162384	
0.28169	0.034023	0.155774	0.029991
3.41E-07	-0.009038	0.097060	
0.42253	0.034023	0.155774	0.029991
3.41E-07	-0.021615	0.031737	
0.56338	0.034023	0.155774	0.029991
3.41E-07	-0.034192	-0.033587	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002048	-0.027446	-0.003542
-2.42E-08	-0.001411	-0.031651	
0.14084	-0.002048	-0.027446	-0.003542
-2.42E-08	7.48E-05	-0.020142	
0.28169	-0.002048	-0.027446	-0.003542
-2.42E-08	0.001560	-0.008632	
0.42253	-0.002048	-0.027446	-0.003542
-2.42E-08	0.003045	0.002878	
0.56338	-0.002048	-0.027446	-0.003542
-2.42E-08	0.004531	0.014387	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.025586	0.169822	0.613183
-2.44E-05	0.343371	0.169054	
0.14084	0.025586	0.169822	0.613183
-2.44E-05	0.086233	0.097839	
0.28169	0.025586	0.169822	0.613183
-2.44E-05	-0.170905	0.026624	
0.42253	0.025586	0.169822	0.613183
-2.44E-05	-0.428043	-0.044591	
0.56338	0.025586	0.169822	0.613183
-2.44E-05	-0.685181	-0.115805	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025586	-0.169822	-0.613183
2.44E-05	-0.343371	-0.169054	
0.14084	-0.025586	-0.169822	-0.613183
2.44E-05	-0.086233	-0.097839	
0.28169	-0.025586	-0.169822	-0.613183
2.44E-05	0.170905	-0.026624	
0.42253	-0.025586	-0.169822	-0.613183
2.44E-05	0.428043	0.044591	
0.56338	-0.025586	-0.169822	-0.613183
2.44E-05	0.685181	0.115805	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034023	0.169822	0.613183
2.44E-05	0.343371	0.227708	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
460

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.034023	0.169822	0.613183
2.44E-05	0.086233	0.162384	
0.28169	0.034023	0.169822	0.613183
2.44E-05	0.170905	0.097060	
0.42253	0.034023	0.169822	0.613183
2.44E-05	0.426043	0.057029	
0.56338	0.034023	0.169822	0.613183
2.44E-05	0.685181	0.115805	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044071	-0.211361	-0.613183
-2.44E-05	-0.343371	-0.281219	
0.14084	-0.044071	-0.211361	-0.613183
-2.44E-05	-0.086233	-0.192585	
0.28169	-0.044071	-0.211361	-0.613183
-2.44E-05	-0.170905	-0.103951	
0.42253	-0.044071	-0.211361	-0.613183
-2.44E-05	-0.428043	-0.015321	
0.56338	-0.044071	-0.211361	-0.613183
-2.44E-05	-0.685181	-0.115805	

ELEM 224 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.029641	0.027362	0.010043
-8.23E-07	0.010610	0.058467	
0.57747	-0.029641	0.027362	0.010043
-8.23E-07	0.006398	0.046993	
0.71831	-0.029641	0.027362	0.010043
-8.23E-07	0.002186	0.035518	
0.85916	-0.029641	0.027362	0.010043
-8.23E-07	-0.002025	0.024044	
1.00000	-0.029641	0.027362	0.010043
-8.23E-07	-0.006237	0.012569	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.008932	0.009454	-0.104451
-9.96E-07	-0.117205	0.086543	
0.57747	0.008932	0.009454	-0.104451
-9.96E-07	-0.073403	0.082579	
0.71831	0.008932	0.009454	-0.104451
-9.96E-07	-0.029601	0.078614	
0.85916	0.008932	0.009454	-0.104451
-9.96E-07	0.014201	0.074649	
1.00000	0.008932	0.009454	-0.104451
-9.96E-07	0.058002	0.070685	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.049027	0.194412	0.573985
4.95E-05	0.642726	0.486103	
0.57747	0.049027	0.194412	0.573985
4.95E-05	0.402025	0.404576	
0.71831	0.049027	0.194412	0.573985
4.95E-05	0.161323	0.323049	
0.85916	0.049027	0.194412	0.573985
4.95E-05	-0.079378	0.241522	
1.00000	0.049027	0.194412	0.573985
4.95E-05	-0.320080	0.159995	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.074085	-0.460112	-0.455098
-4.88E-05	-0.509360	-1.314012	
0.57747	-0.074085	-0.460112	-0.455098
-4.88E-05	-0.318514	-1.121063	
0.71831	-0.074085	-0.460112	-0.455098
-4.88E-05	-0.127668	-0.928115	
0.85916	-0.074085	-0.460112	-0.455098
-4.88E-05	0.063178	-0.735166	
1.00000	-0.074085	-0.460112	-0.455098
-4.88E-05	0.254024	-0.542217	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
461

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.048849	0.277795	-0.027206
1.46E-06	-0.030434	0.812246	
0.57747	0.048849	0.277795	-0.027206
1.46E-06	-0.019025	0.695752	
0.71831	0.048849	0.277795	-0.027206
1.46E-06	-0.007617	0.579258	
0.85916	0.048849	0.277795	-0.027206
1.46E-06	0.003792	0.462764	
1.00000	0.048849	0.277795	-0.027206
1.46E-06	0.015201	0.346269	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.003082	-0.048912	0.002727
-3.53E-07	0.000363	-0.129347	
0.57747	-0.003082	-0.048912	0.002727
-3.53E-07	0.002519	-0.108836	
0.71831	-0.003082	-0.048912	0.002727
-3.53E-07	0.001376	-0.088325	
0.85916	-0.003082	-0.048912	0.002727
-3.53E-07	0.000232	-0.067813	
1.00000	-0.003082	-0.048912	0.002727
-3.53E-07	-0.000912	-0.047302	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.068236	0.499570	0.556822
5.02E-05	0.622901	1.356816	
0.57747	0.068236	0.499570	0.556822
5.02E-05	0.389397	1.147321	
0.71831	0.068236	0.499570	0.556822
5.02E-05	0.155893	0.937825	
0.85916	0.068236	0.499570	0.556822
5.02E-05	-0.077611	0.728330	
1.00000	0.068236	0.499570	0.556822
5.02E-05	-0.311115	0.518834	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.068236	-0.499570	-0.556822
-5.02E-05	-0.622901	-1.356816	
0.57747	-0.068236	-0.499570	-0.556822
-5.02E-05	-0.389397	-1.147321	
0.71831	-0.068236	-0.499570	-0.556822
-5.02E-05	-0.155893	-0.937825	
0.85916	-0.068236	-0.499570	-0.556822
-5.02E-05	0.077611	-0.728330	
1.00000	-0.068236	-0.499570	-0.556822
-5.02E-05	0.311115	-0.518834	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.068236	0.499570	0.573985
5.02E-05	0.642726	1.356816	
0.57747	0.068236	0.499570	0.573985
5.02E-05	0.402025	1.147321	
0.71831	0.068236	0.499570	0.573985
5.02E-05	0.161323	0.937825	
0.85916	0.068236	0.499570	0.573985
5.02E-05	0.077611	0.728330	
1.00000	0.068236	0.499570	0.573985
5.02E-05	0.311115	0.518834	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.074085	-0.499570	-0.556822
-5.02E-05	-0.622901	-1.356816	
0.57747	-0.074085	-0.499570	-0.556822
-5.02E-05	-0.389397	-1.147321	
0.71831	-0.074085	-0.499570	-0.556822
-5.02E-05	-0.155893	-0.937825	
0.85916	-0.074085	-0.499570	-0.556822
-5.02E-05	-0.079378	-0.735166	
1.00000	-0.074085	-0.499570	-0.556822
-5.02E-05	-0.320080	-0.542217	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
462

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 225 ========== LENGTH = 2.977474

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.028722	0.026999	0.005123
-1.37E-06	0.002101	0.012025	
0.14085	-0.028722	0.026999	0.005123
-1.37E-06	-4.72E-05	0.000702	
0.28169	-0.028722	0.026999	0.005123
-1.37E-06	-0.002196	-0.010621	
0.42254	-0.028722	0.026999	0.005123
-1.37E-06	-0.004344	-0.021943	
0.56339	-0.028722	0.026999	0.005123
-1.37E-06	-0.006492	-0.033266	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004169	0.011517	-0.105888
1.07E-05	-0.059133	0.073690	
0.14085	0.004169	0.011517	-0.105888
1.07E-05	-0.014727	0.068861	
0.28169	0.004169	0.011517	-0.105888
1.07E-05	0.029679	0.064031	
0.42254	0.004169	0.011517	-0.105888
1.07E-05	0.074085	0.059201	
0.56339	0.004169	0.011517	-0.105888
1.07E-05	0.118491	0.054371	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043570	0.234484	0.586095
-2.43E-05	0.329720	0.161921	
0.14085	0.043570	0.234484	0.586095
-2.43E-05	0.083931	0.063585	
0.28169	0.043570	0.234484	0.586095
-2.43E-05	-0.161859	-0.034750	
0.42254	0.043570	0.234484	0.586095
-2.43E-05	-0.407649	-0.133085	
0.56339	0.043570	0.234484	0.586095
-2.43E-05	-0.653439	-0.231420	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049065	-0.556684	-0.462818
7.53E-06	-0.260027	-0.554670	
0.14085	-0.049065	-0.556684	-0.462818
7.53E-06	-0.065935	-0.321214	
0.28169	-0.049065	-0.556684	-0.462818
7.53E-06	0.128156	-0.087758	
0.42254	-0.049065	-0.556684	-0.462818
7.53E-06	0.322248	0.145697	
0.56339	-0.049065	-0.556684	-0.462818
7.53E-06	0.516339	0.379153	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029849	0.344602	-0.030122
8.93E-06	-0.017673	0.356103	
0.14085	0.029849	0.344602	-0.030122
8.93E-06	-0.065040	0.211587	
0.28169	0.029849	0.344602	-0.030122
8.93E-06	0.007592	0.067072	
0.42254	0.029849	0.344602	-0.030122
8.93E-06	0.020224	-0.077443	
0.56339	0.029849	0.344602	-0.030122
8.93E-06	0.032857	-0.221959	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000199	-0.060918	0.007611
-1.51E-06	0.005011	-0.049069	
0.14085	0.000199	-0.060918	0.007611
-1.51E-06	0.001820	-0.023521	
0.28169	0.000199	-0.060918	0.007611
-1.51E-06	-0.001372	0.002026	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
463

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	0.000199	-0.060918	0.007611
-1.51E-06	-0.004564	0.027573	
0.56339	0.000199	-0.060918	0.007611
-1.51E-06	-0.007756	0.053120	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044697	0.606085	0.561095
-1.67E-05	0.314149	0.530048	
0.14085	0.044697	0.606085	0.561095
-1.67E-05	0.078843	0.275875	
0.28169	0.044697	0.606085	0.561095
-1.67E-05	-0.156463	0.021702	
0.42254	0.044697	0.606085	0.561095
-1.67E-05	-0.391768	-0.232471	
0.56339	0.044697	0.606085	0.561095
-1.67E-05	-0.627074	-0.486645	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044697	-0.606085	-0.561095
1.67E-05	-0.314149	-0.530048	
0.14085	-0.044697	-0.606085	-0.561095
1.67E-05	-0.078843	-0.275875	
0.28169	-0.044697	-0.606085	-0.561095
1.67E-05	0.156463	-0.021702	
0.42254	-0.044697	-0.606085	-0.561095
1.67E-05	0.391768	0.232471	
0.56339	-0.044697	-0.606085	-0.561095
1.67E-05	0.627074	0.486645	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044697	0.606085	0.586095
1.67E-05	0.329720	0.530048	
0.14085	0.044697	0.606085	0.586095
1.67E-05	0.083931	0.275875	
0.28169	0.044697	0.606085	0.586095
1.67E-05	0.156463	0.067072	
0.42254	0.044697	0.606085	0.586095
1.67E-05	0.391768	0.232471	
0.56339	0.044697	0.606085	0.586095
1.67E-05	0.627074	0.486645	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049065	-0.606085	-0.561095
-2.43E-05	-0.314149	-0.554670	
0.14085	-0.049065	-0.606085	-0.561095
-2.43E-05	-0.078843	-0.321214	
0.28169	-0.049065	-0.606085	-0.561095
-2.43E-05	-0.161859	-0.087758	
0.42254	-0.049065	-0.606085	-0.561095
-2.43E-05	-0.407649	-0.232471	
0.56339	-0.049065	-0.606085	-0.561095
-2.43E-05	-0.653439	-0.486645	

ELEM 226 ========== LENGTH = 2.977556

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.032539	0.053423	0.015250
-6.80E-07	0.016178	0.111302	
0.57745	-0.032539	0.053423	0.015250
-6.80E-07	0.009783	0.088897	
0.71830	-0.032539	0.053423	0.015250
-6.80E-07	0.003387	0.066492	
0.85915	-0.032539	0.053423	0.015250
-6.80E-07	-0.003009	0.044087	
1.00000	-0.032539	0.053423	0.015250
-6.80E-07	-0.009404	0.021682	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
464

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.007450	-0.031657	-0.116447
-2.57E-06	-0.130550	-0.043051	
0.57745	0.007450	-0.031657	-0.116447
-2.57E-06	-0.081713	-0.029775	
0.71830	0.007450	-0.031657	-0.116447
-2.57E-06	-0.032876	-0.016499	
0.85915	0.007450	-0.031657	-0.116447
-2.57E-06	0.015961	-0.003222	
1.00000	0.007450	-0.031657	-0.116447
-2.57E-06	0.064798	0.010054	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.036740	0.480161	0.542186
5.00E-05	0.607244	1.122136	
0.57745	-0.036740	0.480161	0.542186
5.00E-05	0.379857	0.920752	
0.71830	-0.036740	0.480161	0.542186
5.00E-05	0.152470	0.719387	
0.85915	-0.036740	0.480161	0.542186
5.00E-05	-0.074916	0.518013	
1.00000	-0.036740	0.480161	0.542186
5.00E-05	-0.302303	0.316639	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.098086	-0.993093	-0.357594
-4.69E-05	-0.400465	-2.362750	
0.57745	0.098086	-0.993093	-0.357594
-4.69E-05	-0.250494	-1.946257	
0.71830	0.098086	-0.993093	-0.357594
-4.69E-05	-0.100523	-1.529765	
0.85915	0.098086	-0.993093	-0.357594
-4.69E-05	0.049447	-1.113273	
1.00000	0.098086	-0.993093	-0.357594
-4.69E-05	0.199418	-0.696781	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.043803	0.596966	-0.097701
4.37E-07	-0.109230	1.397723	
0.57745	-0.043803	0.596966	-0.097701
4.37E-07	-0.068255	1.147362	
0.71830	-0.043803	0.596966	-0.097701
4.37E-07	-0.027280	0.897002	
0.85915	-0.043803	0.596966	-0.097701
4.37E-07	0.013694	0.646641	
1.00000	-0.043803	0.596966	-0.097701
4.37E-07	0.054669	0.396280	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.007546	-0.105800	0.014306	
-2.27E-07	0.016822	-0.225360		
0.57745	0.007546	-0.105800	0.014306	
-2.27E-07	0.010822	-0.180988		
0.71830	0.007546	-0.105800	0.014306	
-2.27E-07	0.004822	-0.136617		
0.85915	0.007546	-0.105600	0.014306	
-2.27E-07	-0.001178	-0.092245		
1.00000	0.007546	-0.105800	0.014306	
-2.27E-07	-0.007178	-0.047874		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.113082	1.130550	0.459735	
4.97E-05	0.514192	2.631161		
0.57745	-0.113082	1.130550	0.459735	
4.97E-05	0.321385	2.157021		
0.71830	-0.113082	1.130550	0.459735	
4.97E-05	0.128577	1.682881		
0.85915	-0.113082	1.130550	0.459735	
4.97E-05	-0.064231	1.208741		
1.00000	-0.113082	1.130550	0.459735	
4.97E-05	-0.257038	0.734601		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
465

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.113082	-1.130550	-0.459735	
-4.97E-05	-0.514192	-2.631161		
0.57745	0.113082	-1.130550	-0.459735	
-4.97E-05	-0.321385	-2.157021		
0.71830	0.113082	-1.130550	-0.459735	
-4.97E-05	-0.128577	-1.682881		
0.85915	0.113082	-1.130550	-0.459735	
-4.97E-05	0.064231	-1.208741		
1.00000	0.113082	-1.130550	-0.459735	
-4.97E-05	0.257038	-0.734601		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.113082	1.130550	0.542186	
5.00E-05	0.607244	2.631161		
0.57745	0.113082	1.130550	0.542186	
5.00E-05	0.379857	2.157021		
0.71830	0.113082	1.130550	0.542186	
5.00E-05	0.152470	1.682881		
0.85915	0.113082	1.130550	0.542186	
5.00E-05	0.064231	1.208741		
1.00000	0.113082	1.130550	0.542186	
5.00E-05	0.257038	0.734601		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.113082	-1.130550	-0.459735	
-4.97E-05	-0.514192	-2.631161		
0.57745	-0.113082	-1.130550	-0.459735	
-4.97E-05	-0.321385	-2.157021		
0.71830	-0.113082	-1.130550	-0.459735	
-4.97E-05	-0.128577	-1.682881		
0.85915	-0.113082	-1.130550	-0.459735	
-4.97E-05	-0.074916	-1.208741		
1.00000	-0.113082	-1.130550	-0.459735	
-4.97E-05	-0.302303	-0.734601		

ELEM 227 ========== LENGTH = 2.977615

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.032432	0.056607	0.008732	
-2.59E-06	0.000319	0.001560		
0.14085	-0.032432	0.056607	0.008732	
-2.59E-06	0.000257	-0.002181		
0.28170	-0.032432	0.056607	0.008732	
-2.59E-06	-0.003405	-0.025922		
0.42256	-0.032432	0.056607	0.008732	
-2.59E-06	-0.007068	-0.049664		
0.56341	-0.032432	0.056607	0.008732	
-2.59E-06	-0.010730	-0.073405		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.007410	-0.049325	-0.118391	
1.48E-05	-0.066308	0.010694		
0.14085	0.007410	-0.049325	-0.118391	
1.48E-05	-0.016655	0.031381		
0.28170	0.007410	-0.049325	-0.118391	
1.48E-05	0.032998	0.052068		
0.42256	0.007410	-0.049325	-0.118391	
1.48E-05	0.082652	0.072755		
0.56341	0.007410	-0.049325	-0.118391	
1.48E-05	0.132305	0.093442		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.046498	0.476836	0.556272	
-2.65E-05	0.313390	0.322396		
0.14085	-0.046498	0.476836	0.556272	
-2.65E-05	0.080087	0.122409		
0.28170	-0.046498	0.476836	0.556272	
-2.65E-05	-0.153215	-0.077578		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
466

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42256	-0.046498	0.476836	0.556272	
-2.65E-05	-0.385518	-0.277565		
0.56341	-0.046498	0.476836	0.556272	
-2.65E-05	-0.619820	-0.477552		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.120021	-0.937871	-0.366408	
1.07E-06	-0.206023	-0.711609		
0.14085	0.120021	-0.937871	-0.366408	
1.07E-06	-0.052350	-0.318262		
0.28170	0.120021	-0.937871	-0.366408	
1.07E-06	0.101323	0.075085		
0.42256	0.120021	-0.937871	-0.366408	
1.07E-06	0.254996	0.468431		
0.56341	0.120021	-0.937871	-0.366408	
1.07E-06	0.408669	0.861778		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.058513	0.551313	-0.101100	
1.60E-05	-0.057691	0.406706		
0.14085	-0.058513	0.551313	-0.101100	
1.60E-05	-0.015290	0.175483		
0.28170	-0.058513	0.551313	-0.101100	
1.60E-05	0.027112	-0.055739		
0.42256	-0.058513	0.551313	-0.101100	
1.60E-05	0.069513	-0.286962		
0.56341	-0.058513	0.551313	-0.101100	
1.60E-05	0.111915	-0.518185		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.010011	-0.097560	0.020894	
-2.71E-06	0.012714	-0.049747		
0.14085	0.010011	-0.097560	0.020894	
-2.71E-06	0.003951	-0.008830		
0.28170	0.010011	-0.097560	0.020894	
-2.71E-06	-0.004812	0.032087		
0.42256	0.010011	-0.097560	0.020894	
-2.71E-06	-0.013575	0.073004		
0.56341	0.010011	-0.097560	0.020894	
-2.71E-06	-0.022339	0.113921		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.137442	1.084756	0.463904	
-1.31E-05	0.259618	0.750662		
0.14085	-0.137442	1.084756	0.463904	
-1.31E-05	0.065054	0.297511		
0.28170	-0.137442	1.084756	0.463904	
-1.31E-05	-0.129509	-0.159240		
0.42256	-0.137442	1.084756	0.463904	
-1.31E-05	-0.324072	-0.614190		
0.56341	-0.137442	1.084756	0.463904	
-1.31E-05	-0.518635	-1.069141		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.137442	-1.084756	-0.463904	
1.31E-05	-0.259618	-0.750662		
0.14085	0.137442	-1.084756	-0.463904	
1.31E-05	-0.065054	-0.295711		
0.28170	0.137442	-1.084756	-0.463904	
1.31E-05	0.129509	0.159240		
0.42256	0.137442	-1.084756	-0.463904	
1.31E-05	0.324072	0.614190		
0.56341	0.137442	-1.084756	-0.463904	
1.31E-05	0.518635	1.069141		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.137442	1.084756	0.556272	
1.60E-05	0.313390	0.750662		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
467

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14085	0.137442	1.084756	0.556272	
1.60E-05	0.080087	0.295711		
0.28170	0.137442	1.084756	0.556272	
1.60E-05	0.129509	0.159240		
0.42256	0.137442	1.084756	0.556272	
1.60E-05	0.324072	0.614190		
0.56341	0.137442	1.084756	0.556272	
1.60E-05	0.518635	1.069141		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.137442	-1.084756	-0.463904	
-2.65E-05	-0.259618	-0.750662		
0.14085	-0.137442	-1.084756	-0.463904	
-2.65E-05	-0.065054	-0.318262		
0.28170	-0.137442	-1.084756	-0.463904	
-2.65E-05	-0.153215	-0.159240		
0.42256	-0.137442	-1.084756	-0.463904	
-2.65E-05	-0.386518	-0.614190		
0.56341	-0.137442	-1.084756	-0.463904	
-2.65E-05	-0.619820	-1.069141		

ELEM 228 ========== LENGTH = 2.977780

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	-0.036979	0.090064	0.017894	
-1.42E-06	0.018912	0.175591		
0.57743	-0.036979	0.090064	0.017894	
-1.42E-06	0.011407	0.137814		
0.71828	-0.036979	0.090064	0.017894	
-1.42E-06	0.003901	0.100037		
0.85914	-0.036979	0.090064	0.017894	
-1.42E-06	-0.003605	0.062260		
1.00000	-0.036979	0.090064	0.017894	
-1.42E-06	-0.011110	0.024483		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	0.029314	-0.097812	-0.113541	
-7.69E-07	-0.127550	-0.191536		
0.57743	0.029314	-0.097812	-0.113541	
-7.69E-07	-0.079926	-0.150509		
0.71828	0.029314	-0.097812	-0.113541	
-7.69E-07	-0.032302	-0.109483		
0.85914	0.029314	-0.097812	-0.113541	
-7.69E-07	0.015322	-0.068456		
1.00000	0.029314	-0.097812	-0.113541	
-7.69E-07	0.062946	-0.027429		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	-0.302779	0.792689	0.480341	
4.22E-05	0.539514	1.808057		
0.57743	-0.302779	0.792689	0.480341	
4.22E-05	0.338037	1.475568		
0.71828	-0.302779	0.792689	0.480341	
4.22E-05	0.136561	1.143078		
0.85914	-0.302779	0.792689	0.480341	
4.22E-05	-0.064916	0.810589		
1.00000	-0.302779	0.792689	0.480341	
4.22E-05	-0.266393	0.478100		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	0.588768	-1.543328	-0.235070	
-3.54E-05	-0.264222	-3.523531		
0.57743	0.588768	-1.543328	-0.235070	
-3.54E-05	-0.165623	-2.876190		
0.71828	0.588768	-1.543328	-0.235070	
-3.54E-05	-0.067024	-2.228849		
0.85914	0.588768	-1.543328	-0.235070	
-3.54E-05	0.031575	-1.581508		
1.00000	0.588768	-1.543328	-0.235070	
-3.54E-05	0.130174	-0.934167		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
468

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	-0.308236	0.917882	-0.176629	
-5.32E-06	-0.198080	2.057581		
0.57743	-0.308236	0.917882	-0.176629	
-5.32E-06	-0.123994	1.672580		
0.71828	-0.308236	0.917882	-0.176629	
-5.32E-06	-0.049908	1.287579		
0.85914	-0.308236	0.917882	-0.176629	
-5.32E-06	0.024178	0.902578		
1.00000	-0.308236	0.917882	-0.176629	
-5.32E-06	0.098264	0.517577		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	0.029911	-0.159496	0.027005	
7.67E-07	0.031425	-0.326162		
0.57743	0.029911	-0.159496	0.027005	
7.67E-07	0.020099	-0.259263		
0.71828	0.029911	-0.159496	0.027005	
7.67E-07	0.008772	-0.192363		
0.85914	0.029911	-0.159496	0.027005	
7.67E-07	-0.002555	-0.125463		
1.00000	0.029911	-0.159496	0.027005	
7.67E-07	-0.013882	-0.058564		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	-0.647993	1.800636	0.321606	
3.54E-05	0.360346	4.041229		
0.57743	-0.647993	1.800636	0.321606	
3.54E-05	0.225450	3.285962		
0.71828	-0.647993	1.800636	0.321606	
3.54E-05	0.090554	2.530694		
0.85914	-0.647993	1.800636	0.321606	
3.54E-05	-0.044342	1.775427		
1.00000	-0.647993	1.800636	0.321606	
3.54E-05	-0.179238	1.020160		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	0.647993	-1.800636	-0.321606	
-3.54E-05	-0.360346	-4.041229		
0.57743	0.647993	-1.800636	-0.321606	
-3.54E-05	-0.225450	-3.285962		
0.71828	0.647993	-1.800636	-0.321606	
-3.54E-05	-0.090554	-2.530694		
0.85914	0.647993	-1.800636	-0.321606	
-3.54E-05	0.044342	-1.775427		
1.00000	0.647993	-1.800636	-0.321606	
-3.54E-05	0.179238	-1.020160		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	0.647993	1.800636	0.480341	
4.22E-05	0.539514	4.041229		
0.57743	0.647993	1.800636	0.480341	
4.22E-05	0.338037	3.285962		
0.71828	0.647993	1.800636	0.480341	
4.22E-05	0.136561	2.530694		
0.85914	0.647993	1.800636	0.480341	
4.22E-05	0.044342	1.775427		
1.00000	0.647993	1.800636	0.480341	
4.22E-05	0.179238	1.020160		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657	-0.647993	-1.800636	-0.321606	
-3.54E-05	-0.360346	-4.041229		
0.57743	-0.647993	-1.800636	-0.321606	
-3.54E-05	-0.225450	-3.285962		
0.71828	-0.647993	-1.800636	-0.321606	
-3.54E-05	-0.090554	-2.530694		
0.85914	-0.647993	-1.800636	-0.321606	
-3.54E-05	-0.064916	-1.775427		
1.00000	-0.647993	-1.800636	-0.321606	
-3.54E-05	-0.066393	-1.020160		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
469

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 229 ========== LENGTH = 2.976842

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.037471	0.093285	0.009663	
-3.15E-06	0.004180	0.024695		
0.14085	-0.037471	0.093285	0.009663	
-3.15E-06	0.000130	-0.014411		
0.28165	-0.037471	0.093285	0.009663	
-3.15E-06	-0.003921	-0.053517		
0.42247	-0.037471	0.093285	0.009663	
-3.15E-06	-0.007972	-0.092623		
0.56330	-0.037471	0.093285	0.009663	
-3.15E-06	-0.012023	-0.131729		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.033070	-0.114607	-0.115999	
1.35E-05	0.003474	-0.023663		
0.14082	0.033070	-0.114607	-0.115999	
1.35E-05	-0.016146	0.019382		
0.28165	0.033070	-0.114607	-0.115999	
1.35E-05	0.032482	0.067426		
0.42247	0.033070	-0.114607	-0.115999	
1.35E-05	0.081110	0.115470		
0.56330	0.033070	-0.114607	-0.115999	
1.35E-05	0.129737	0.163515		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.326367	0.866247	0.498003	
-2.22E-05	0.279855	0.487397		
0.14082	-0.326367	0.866247	0.498003	
-2.22E-05	0.071087	0.124257		
0.28165	-0.326367	0.866247	0.498003	
-2.22E-05	-0.137681	-0.238883		
0.42247	-0.326367	0.866247	0.498003	
-2.22E-05	-0.346450	-0.602023		
0.56330	-0.326367	0.866247	0.498003	
-2.22E-05	-0.555218	-0.965163		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.627409	-1.665261	-0.247471	
-6.61E-06	-0.139127	-0.952021		
0.14082	0.627409	-1.665261	-0.247471	
-6.61E-06	-0.035385	-0.253927		
0.28165	0.627409	-1.665261	-0.247471	
-6.61E-06	0.068358	0.444168		
0.42247	0.627409	-1.665261	-0.247471	
-6.61E-06	0.172100	1.142262		
0.56330	0.627409	-1.665261	-0.247471	
-6.61E-06	0.275842	1.840357		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.330301	0.993392	-0.180083	
2.22E-05	-0.101461	0.529255		
0.14082	-0.330301	0.993392	-0.180083	
2.22E-05	0.125968	0.112814		
0.28165	-0.330301	0.993392	-0.180083	
2.22E-05	0.049524	-0.303626		
0.42247	-0.330301	0.993392	-0.180083	
2.22E-05	0.125017	-0.720066		
0.56330	-0.330301	0.993392	-0.180083	
2.22E-05	0.200509	-1.136506		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.033661	-0.173057	0.035886	
-3.77E-06	0.021326	-0.060663		
0.14082	0.033661	-0.173057	0.035886	
-3.77E-06	0.006283	-0.011884		
0.28165	0.033661	-0.173057	0.035886	
-3.77E-06	-0.008761	0.084432		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
470

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42247	0.033661	-0.173057	0.035886	
-3.77E-06	-0.023805	0.156979		
0.56330	0.033661	-0.173057	0.035886	
-3.77E-06	-0.038849	0.229526		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.694139	1.952924	0.327583	
-3.12E-06	0.182575	1.041347		
0.14082	-0.694139	1.952924	0.327583	
-3.12E-06	0.045248	0.922661		
0.28165	-0.694139	1.952924	0.327583	
-3.12E-06	-0.092078	-0.596026		
0.42247	-0.694139	1.952924	0.327583	
-3.12E-06	-0.229404	-1.414712		
0.56330	-0.694139	1.952924	0.327583	
-3.12E-06	-0.366731	-2.233398		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.694139	-1.952924	-0.327583	
3.12E-06	-0.182575	-1.041347		
0.14082	0.694139	-1.952924	-0.327583	
3.12E-06	-0.045248	-0.222661		
0.28165	0.694139	-1.952924	-0.327583	
3.12E-06	0.092078	0.596026		
0.42247	0.694139	-1.952924	-0.327583	
3.12E-06	0.229404	1.414712		
0.56330	0.694139	-1.952924	-0.327583	
3.12E-06	0.366731	2.233398		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.694139	1.952924	0.498003	
2.22E-05	0.279855	1.041347		
0.14082	0.694139	1.952924	0.498003	
2.22E-05	0.071087	0.222661		
0.28165	0.694139	1.952924	0.498003	
2.22E-05	0.092078	0.596026		
0.42247	0.694139	1.952924	0.498003	
2.22E-05	0.229404	1.414712		
0.56330	0.694139	1.952924	0.498003	
2.22E-05	0.366731	2.233398		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.694139	-1.952924	-0.327583	
-2.22E-05	-0.182575	-1.041347		
0.14082	-0.694139	-1.952924	-0.327583	
-2.22E-05	-0.045248	-0.253927		
0.28165	-0.694139	-1.952924	-0.327583	
-2.22E-05	-0.137681	-0.596026		
0.42247	-0.694139	-1.952924	-0.327583	
-2.22E-05	-0.346450	-1.414712		
0.56330	-0.694139	-1.952924	-0.327583	
-2.22E-05	-0.555218	-2.233398		

ELEM 230 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667	-0.035116	0.097916	0.019849	
-2.13E-06	0.020209	0.183273		
0.57750	-0.035116	0.097916	0.019849	
-2.13E-06	0.011887	0.142220		
0.71833	-0.035116	0.097916	0.019849	
-2.13E-06	0.003565	0.101166		
0.85917	-0.035116	0.097916	0.019849	
-2.13E-06	-0.004757	0.060113		
1.00000	-0.035116	0.097916	0.019849	
-2.13E-06	-0.013079	0.019060		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
471

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667	0.079437	-0.153323	-0.107094	
-7.91E-07	-0.116063	-0.309669		
0.57750	0.079437	-0.153323	-0.107094	
-7.91E-07	-0.071162	-0.245385		
0.71833	0.079437	-0.153323	-0.107094	
-7.91E-07	-0.026261	-0.181101		
0.85917	0.079437	-0.153323	-0.107094	
-7.91E-07	0.018641	-0.116817		
1.00000	0.079437	-0.153323	-0.107094	
-7.91E-07	0.063542	-0.052533		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667	-0.782947	1.074419	0.429961	
3.43E-05	0.466292	2.312559		
0.57750	-0.782947	1.074419	0.429961	
3.43E-05	0.326622	1.862087		
0.71833	-0.782947	1.074419	0.429961	
3.43E-05	0.105752	1.411615		
0.85917	-0.782947	1.074419	0.429961	
3.43E-05	-0.074518	0.961143		
1.00000	-0.782947	1.074419	0.429961	
3.43E-05	-0.254788	0.510671		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667	1.392431	-2.038537	-0.106025	
-2.14E-05	-0.114756	-4.350579		
0.57750	1.392431	-2.038537	-0.106025	
-2.14E-05	-0.070303	-3.495881		
0.71833	1.392431	-2.038537	-0.106025	
-2.14E-05	-0.025850	-2.641182		
0.85917	1.392431	-2.038537	-0.106025	
-2.14E-05	0.018603	-1.786484		
1.00000	1.392431	-2.038537	-0.106025	
-2.14E-05	0.063056	-0.931786		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667	-0.704678	1.204313	-0.280416	
-1.20E-05	-0.304505	2.517457		
0.57750	-0.704678	1.204313	-0.280416	
-1.20E-05	-0.186935	2.012524		
0.71833	-0.704678	1.204313	-0.280416	
-1.20E-05	-0.069364	1.507591		
0.85917	-0.704678	1.204313	-0.280416	
-1.20E-05	0.048206	1.002659		
1.00000	-0.704678	1.204313	-0.280416	
-1.20E-05	0.165776	0.497726		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.050873	-0.184787	0.043725
1.99E-06	0.048824	-0.353041	
0.57750	0.050873	-0.184787	0.043725
1.99E-06	0.030491	-0.275565	
0.71833	0.050873	-0.184787	0.043725
1.99E-06	0.012159	-0.198090	
0.85917	0.050873	-0.184787	0.043725
1.99E-06	-0.006174	-0.120674	
1.00000	0.050873	-0.184787	0.043725
1.99E-06	-0.024506	-0.043139	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.522740	2.376647	0.169394
2.02E-05	0.181996	5.013289	
0.57750	-1.522740	2.376647	0.169394
2.02E-05	0.110974	4.016831	
0.71833	-1.522740	2.376647	0.169394
2.02E-05	0.039952	3.020373	
0.85917	-1.522740	2.376647	0.169394
2.02E-05	-0.031069	2.023915	
1.00000	-1.522740	2.376647	0.169394
2.02E-05	-0.102091	1.027457	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.522740	-2.376647	-0.169394
-2.02E-05	-0.181996	-5.013289	
0.57750	1.522740	-2.376647	-0.169394
-2.02E-05	-0.110974	-4.016831	
0.71833	1.522740	-2.376647	-0.169394
-2.02E-05	-0.039952	-3.020373	
0.85917	1.522740	-2.376647	-0.169394
-2.02E-05	0.031069	-2.023915	
1.00000	1.522740	-2.376647	-0.169394
-2.02E-05	0.102091	-1.027457	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.522740	2.376647	0.429961
3.43E-05	0.466292	5.013289	
0.57750	1.522740	2.376647	0.429961
3.43E-05	0.286022	4.016831	
0.71833	1.522740	2.376647	0.429961
3.43E-05	0.105752	3.020373	
0.85917	1.522740	2.376647	0.429961
3.43E-05	0.048506	2.023915	
1.00000	1.522740	2.376647	0.429961
3.43E-05	0.165776	1.027457	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.522740	-2.376647	-0.280416
-2.14E-05	-0.304505	-5.013289	
0.57750	-1.522740	-2.376647	-0.280416
-2.14E-05	-0.186935	-4.016831	
0.71833	-1.522740	-2.376647	-0.280416
-2.14E-05	-0.069364	-3.020373	
0.85917	-1.522740	-2.376647	-0.280416
-2.14E-05	-0.074518	-2.023915	
1.00000	-1.522740	-2.376647	-0.280416
-2.14E-05	-0.254788	-1.027457	

ELEM 231 ========== LENGTH = 2.977141

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033137	0.101464	0.009317
-4.57E-06	0.004254	0.019466	
0.14083	-0.033137	0.101464	0.009317
-4.57E-06	0.000348	-0.023077	
0.28167	-0.033137	0.101464	0.009317
-4.57E-06	-0.003559	-0.065620	
0.42250	-0.033137	0.101464	0.009317
-4.57E-06	-0.007465	-0.108162	
0.56334	-0.033137	0.101464	0.009317
-4.57E-06	-0.011372	-0.150705	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065950	-0.181894	-0.108973
1.31E-05	-0.064970	-0.054877	
0.14083	0.065950	-0.181894	-0.108973
1.31E-05	-0.019279	0.021388	
0.28167	0.065950	-0.181894	-0.108973
1.31E-05	0.026412	0.097654	
0.42250	0.065950	-0.181894	-0.108973
1.31E-05	0.072102	0.173919	
0.56334	0.065950	-0.181894	-0.108973
1.31E-05	0.117793	0.250185	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.728542	1.136981	0.446326
-2.34E-05	0.267498	0.520562	
0.14083	-0.728542	1.136981	0.446326
-2.34E-05	0.080360	0.043842	
0.28167	-0.728542	1.136981	0.446326
-2.34E-05	-0.106778	-0.432877	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-0.728542	1.136981	0.446326
-2.34E-05	-0.909597		
0.56334	-0.728542	1.136981	0.446326
-2.34E-05	-0.481054	-1.386316	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.412869	-2.105205	-0.116997
-1.05E-06	-0.070981	-0.948012	
0.14083	1.412869	-2.105205	-0.116997
-1.05E-06	-0.021926	-0.065331	
0.28167	1.412869	-2.105205	-0.116997
-1.05E-06	0.027129	0.817351	
0.42250	1.412869	-2.105205	-0.116997
-1.05E-06	0.076184	1.700032	
0.56334	1.412869	-2.105205	-0.116997
-1.05E-06	0.125239	2.582714	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.781246	1.239036	-0.285452
1.91E-05	-0.170399	0.507816	
0.14083	-0.781246	1.239036	-0.285452
1.91E-05	-0.050713	-0.011693	
0.28167	-0.781246	1.239036	-0.285452
1.91E-05	0.068973	-0.531203	
0.42250	-0.781246	1.239036	-0.285452
1.91E-05	0.188659	-1.050713	
0.56334	-0.781246	1.239036	-0.285452
1.91E-05	0.308345	-1.570222	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064104	-0.190383	0.055779
-3.15E-06	0.034598	-0.044954	
0.14083	0.064104	-0.190383	0.055779
-3.15E-06	0.011211	0.034871	
0.28167	0.064104	-0.190383	0.055779
-3.15E-06	-0.012176	-0.114695	
0.42250	0.064104	-0.190383	0.055779
-3.15E-06	-0.035563	0.194520	
0.56334	0.064104	-0.190383	0.055779
-3.15E-06	-0.058951	0.274345	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.542924	2.477482	0.170191
-8.91E-06	0.101353	1.047844	
0.14083	-1.542924	2.477482	0.170191
-8.91E-06	0.029994	0.009072	
0.28167	-1.542924	2.477482	0.170191
-8.91E-06	-0.041364	-1.029700	
0.42250	-1.542924	2.477482	0.170191
-8.91E-06	-0.112723	-2.068472	
0.56334	-1.542924	2.477482	0.170191
-8.91E-06	-0.184081	-3.107243	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.542924	-2.477482	-0.170191
8.91E-06	-0.101353	-1.047844	
0.14083	1.542924	-2.477482	-0.170191
8.91E-06	-0.029994	-0.009072	
0.28167	1.542924	-2.477482	-0.170191
8.91E-06	0.041364	1.029700	
0.42250	1.542924	-2.477482	-0.170191
8.91E-06	0.112723	2.068472	
0.56334	1.542924	-2.477482	-0.170191
8.91E-06	0.184081	3.107243	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.542924	2.477482	0.446326
1.91E-05	0.267498	1.047844	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	1.542924	2.477482	0.446326
1.91E-05	0.080360	0.043842	
0.28167	1.542924	2.477482	0.446326
1.91E-05	0.068973	1.029700	
0.42250	1.542924	2.477482	0.446326
1.91E-05	0.188659	2.068472	
0.56334	1.542924	2.477482	0.446326
1.91E-05	0.308345	3.107243	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.542924	-2.477482	-0.285452
-2.34E-05	-0.170399	-1.047844	
0.14083	-1.542924	-2.477482	-0.285452
-2.34E-05	-0.050713	-0.065331	
0.28167	-1.542924	-2.477482	-0.285452
-2.34E-05	-0.106778	-1.029700	
0.42250	-1.542924	-2.477482	-0.285452
-2.34E-05	-0.293916	-2.068472	
0.56334	-1.542924	-2.477482	-0.285452
-2.34E-05	-0.481054	-3.107243	

ELEM 232 ========== LENGTH = 2.977323

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.017905	0.009658	0.020609
-3.73E-06	0.020394	0.025347	
0.57748	-0.017905	-0.009658	0.020609
-3.73E-06	0.011752	0.021297	
0.71832	-0.017905	0.009658	0.020609
-3.73E-06	0.003110	0.017247	
0.85916	-0.017905	0.009658	0.020609
-3.73E-06	-0.005532	0.013197	
1.00000	-0.017905	0.009658	0.020609
-3.73E-06	-0.014174	0.009147	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.085348	-0.135680	-0.097980
5.94E-07	-0.102957	-0.273046	
0.57748	0.085348	-0.135680	-0.097980
5.94E-07	-0.061871	-0.216152	
0.71832	0.085348	-0.135680	-0.097980
5.94E-07	-0.020785	-0.159257	
0.85916	0.085348	-0.135680	-0.097980
5.94E-07	0.020301	-0.102362	
1.00000	0.085348	-0.135680	-0.097980
5.94E-07	0.061388	-0.045468	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.935870	1.287385	0.390063
2.14E-05	0.410363	2.561969	
0.57748	-0.935870	1.287385	0.390063
2.14E-05	0.246798	2.022129	
0.71832	-0.935870	1.287385	0.390063
2.14E-05	0.083233	1.482289	
0.85916	-0.935870	1.287385	0.390063
2.14E-05	-0.080333	0.942449	
1.00000	-0.935870	1.287385	0.390063
2.14E-05	-0.243898	0.402609	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.720724	-2.336371	-0.006329
7.05E-07	-0.006605	-4.643879	
0.57748	1.720724	-2.336371	-0.006329
7.05E-07	-0.003951	-3.664167	
0.71832	1.720724	-2.336371	-0.006329
7.05E-07	-0.001297	-2.684455	
0.85916	1.720724	-2.336371	-0.006329
7.05E-07	0.001357	-1.704743	
1.00000	1.720724	-2.336371	-0.006329
7.05E-07	0.004011	-0.725031	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.901765	1.293804	-0.363636
-2.34E-05	-0.382859	2.555689	
0.57748	-0.901765	1.293804	-0.363636
-2.34E-05	-0.230375	2.013157	
0.71832	-0.901765	1.293804	-0.363636
-2.34E-05	-0.077892	1.470625	
0.85916	-0.901765	1.293804	-0.363636
-2.34E-05	0.074592	0.928093	
1.00000	-0.901765	1.293804	-0.363636
-2.34E-05	0.227076	0.385561	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.049467	-0.118797	0.057273
4.43E-06	0.049654	-0.118797	
0.57748	0.049467	-0.118797	0.057273
4.43E-06	0.037647	-0.176264	
0.71832	0.049467	-0.118797	0.057273
4.43E-06	0.013631	-0.126449	
0.85916	0.049467	-0.118797	0.057273
4.43E-06	-0.010386	-0.076634	
1.00000	0.049467	-0.118797	0.057273
4.43E-06	-0.034402	-0.026819	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-1.855539	2.590847	0.047036
-5.72E-06	0.047898	5.143005	
0.57748	-1.855539	2.590847	0.047036
-5.72E-06	0.028174	4.056583	
0.71832	-1.855539	2.590847	0.047036
-5.72E-06	0.008451	2.970161	
0.85916	-1.855539	2.590847	0.047036
-5.72E-06	0.011273	-1.883739	
1.00000	-1.855539	2.590847	0.047036
-5.72E-06	0.030997	-0.797317	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.855539	-2.590847	-0.047036
5.72E-06	-0.047898	-5.143005	
0.57748	1.855539	-2.590847	-0.047036
5.72E-06	-0.028174	-4.056583	
0.71832	1.855539	-2.590847	-0.047036
5.72E-06	-0.008451	-2.970161	
0.85916	1.855539	-2.590847	-0.047036
5.72E-06	0.011273	-1.883739	
1.00000	1.855539	-2.590847	-0.047036
5.72E-06	0.030997	-0.797317	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	1.855539	2.590847	0.390063
2.14E-05	0.410363	5.143005	
0.57748	1.855539	2.590847	0.390063
2.14E-05	0.246798	4.056583	
0.71832	1.855539	2.590847	0.390063
2.14E-05	0.083233	2.970161	
0.85916	1.855539	2.590847	0.390063
2.14E-05	0.074592	1.883739	
1.00000	1.855539	2.590847	0.390063
2.14E-05	0.227076	0.797317	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-1.855539	-2.590847	-0.363636
-2.34E-05	-0.382859	-5.143005	
0.57748	-1.855539	-2.590847	-0.363636
-2.34E-05	-0.230375	-4.056583	
0.71832	-1.855539	-2.590847	-0.363636
-2.34E-05	-0.077892	-2.970161	
0.85916	-1.855539	-2.590847	-0.363636
-2.34E-05	-0.080333	-1.883739	
1.00000	-1.855539	-2.590847	-0.363636
-2.34E-05	-0.243898	-0.797317	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 233 ========== LENGTH = 2.977383

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019079	0.012604	0.008047
-5.07E-06	0.003681	0.009593	
0.14084	-0.019079	0.012604	0.008047
-5.07E-06	0.000306	0.004307	
0.28169	-0.019079	0.012604	0.008047
-5.07E-06	-0.003068	-0.000978	
0.42253	-0.019079	0.012604	0.008047
-5.07E-06	-0.006442	-0.006264	
0.56337	-0.019079	0.012604	0.008047
-5.07E-06	-0.009817	-0.011549	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093187	-0.153297	-0.098929
1.13E-05	0.084116	-0.045946	
0.14084	0.093187	-0.153297	-0.098929
1.13E-05	-0.020631	0.016339	
0.28169	0.093187	-0.153297	-0.098929
1.13E-05	0.020855	0.080623	
0.42253	0.093187	-0.153297	-0.098929
1.13E-05	0.062341	0.144908	
0.56337	0.093187	-0.153297	-0.098929
1.13E-05	0.103826	0.209192	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.961771	1.261762	0.400261
-2.11E-05	0.252144	0.411605	
0.14084	-0.961771	1.261762	0.400261
-2.11E-05	0.084296	-0.117510	
0.28169	-0.961771	1.261762	0.400261
-2.11E-05	-0.083552	-0.646624	
0.42253	-0.961771	1.261762	0.400261
-2.11E-05	-0.251399	-1.175739	
0.56337	-0.961771	1.261762	0.400261
-2.11E-05	-0.419247	-1.704853	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.758729	-2.254849	-0.005929
1.07E-06	-0.003676	-0.738865	
0.14084	1.758729	-2.254849	-0.005929
1.07E-06	-0.001196	0.206697	
0.28169	1.758729	-2.254849	-0.005929
1.07E-06	0.001282	1.152258	
0.42253	1.758729	-2.254849	-0.005929
1.07E-06	0.003782	2.097820	
0.56337	1.758729	-2.254849	-0.005929
1.07E-06	0.006268	3.043382	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.925686	1.263637	-0.376298
1.67E-05	-0.237388	0.393948	
0.14084	-0.925686	1.263637	-0.376298
1.67E-05	0.079589	-0.135953	
0.28169	-0.925686	1.263637	-0.376298
1.67E-05	0.078210	-0.665854	
0.42253	-0.925686	1.263637	-0.376298
1.67E-05	0.236009	-1.195755	
0.56337	-0.925686	1.263637	-0.376298
1.67E-05	0.393808	-1.725656	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.054619	-0.129858	0.072848
-2.94E-06	0.047356	-0.028336	
0.14084	0.054619	-0.129858	0.072848
-2.94E-06	0.016807	0.026119	
0.28169	0.054619	-0.129858	0.072848
-2.94E-06	-0.013741	0.080574	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.054619	-0.129858	0.072848
-2.94E-06	-0.044290	0.135030	
0.56337	0.054619	-0.129858	0.072848
-2.94E-06	-0.074839	0.189485	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.906536	2.538004	0.032010
-9.42E-06	0.018437	0.815146	
0.14084	-1.906536	2.538004	0.032010
-9.42E-06	0.005014	-0.249155	
0.28169	-1.906536	2.538004	0.032010
-9.42E-06	-0.008410	-1.313456	
0.42253	-1.906536	2.538004	0.032010
-9.42E-06	-0.021833	-2.377757	
0.56337	-1.906536	2.538004	0.032010
-9.42E-06	-0.035256	-3.442058	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.906536	-2.538004	-0.032010
9.42E-06	-0.018437	-0.815146	
0.14084	1.906536	-2.538004	-0.032010
9.42E-06	-0.005014	0.249155	
0.28169	1.906536	-2.538004	-0.032010
9.42E-06	0.008410	1.313456	
0.42253	1.906536	-2.538004	-0.032010
9.42E-06	0.021833	2.377757	
0.56337	1.906536	-2.538004	-0.032010
9.42E-06	0.035256	3.442058	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.906536	2.538004	0.400261
1.67E-05	0.252144	0.815146	
0.14084	1.906536	2.538004	0.400261
1.67E-05	0.084296	0.249155	
0.28169	1.906536	2.538004	0.400261
1.67E-05	0.078210	1.313456	
0.42253	1.906536	2.538004	0.400261
1.67E-05	0.236009	2.377757	
0.56337	1.906536	2.538004	0.400261
1.67E-05	0.393808	3.442058	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.906536	-2.538004	-0.376298
-2.11E-05	-0.237388	-0.815146	
0.14084	-1.906536	-2.538004	-0.376298
-2.11E-05	-0.079589	-0.249155	
0.28169	-1.906536	-2.538004	-0.376298
-2.11E-05	-0.083552	-1.313456	
0.42253	-1.906536	-2.538004	-0.376298
-2.11E-05	-0.251399	-2.377757	
0.56337	-1.906536	-2.538004	-0.376298
-2.11E-05	-0.419247	-3.442058	

ELEM 234 ========== LENGTH = 2.977599

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.000913	-0.073078	0.015574
-2.11E-06	0.015651	-0.122623	
0.57745	0.000913	-0.073078	0.015574
-2.11E-06	0.009120	-0.091974	
0.71830	0.000913	-0.073078	0.015574
-2.11E-06	0.002588	-0.061325	
0.85915	0.000913	-0.073078	0.015574
-2.11E-06	-0.003943	-0.030676	
1.00000	0.000913	-0.073078	0.015574
-2.11E-06	-0.010475	-2.73E-05	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.058523	-0.095977	-0.074565
9.71E-07	-0.080819	-0.213868	
0.57745	0.058523	-0.095977	-0.074565
9.71E-07	-0.049546	-0.173615	
0.71830	0.058523	-0.095977	-0.074565
9.71E-07	-0.018273	-0.133362	
0.85915	0.058523	-0.095977	-0.074565
9.71E-07	0.012999	-0.093110	
1.00000	0.058523	-0.095977	-0.074565
9.71E-07	0.044272	-0.052857	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.720111	1.169567	0.300524
1.07E-05	0.326111	2.482563	
0.57745	-0.720111	1.169567	0.300524
1.07E-05	0.203071	1.992047	
0.71830	-0.720111	1.169567	0.300524
1.07E-05	0.074032	1.501531	
0.85915	-0.720111	1.169567	0.300524
1.07E-05	-0.052008	1.011015	
1.00000	-0.720111	1.169567	0.300524
1.07E-05	-0.178047	0.520499	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.389037	-2.020436	0.094386
2.23E-05	0.102250	-4.330053	
0.57745	1.389037	-2.020436	0.094386
2.23E-05	0.062664	-3.482683	
0.71830	1.389037	-2.020436	0.094386
2.23E-05	0.023079	-2.635313	
0.85915	1.389037	-2.020436	0.094386
2.23E-05	-0.016507	-1.787942	
1.00000	1.389037	-2.020436	0.094386
2.23E-05	-0.056092	-0.940572	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.752613	1.037900	-0.401764
-3.56E-05	-0.436095	2.236119	
0.57745	-0.752613	1.037900	-0.401764
-3.56E-05	-0.267595	1.800824	
0.71830	-0.752613	1.037900	-0.401764
-3.56E-05	-0.099096	1.365529	
0.85915	-0.752613	1.037900	-0.401764
-3.56E-05	0.069404	0.930235	
1.00000	-0.752613	1.037900	-0.401764
-3.56E-05	0.237904	0.494940	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.024250	-0.017976	0.065846
3.72E-06	0.072902	-0.052138	
0.57745	0.024250	-0.017976	0.065846
3.72E-06	0.045286	-0.044599	
0.71830	0.024250	-0.017976	0.065846
3.72E-06	0.017670	-0.037060	
0.85915	0.024250	-0.017976	0.065846
3.72E-06	-0.009945	-0.029521	
1.00000	0.024250	-0.017976	0.065846
3.72E-06	-0.037561	-0.021982	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.471811	2.134389	-0.085667
-2.70E-05	-0.094333	4.596059	
0.57745	-1.471811	2.134389	-0.085667
-2.70E-05	-0.058404	3.700897	
0.71830	-1.471811	2.134389	-0.085667
-2.70E-05	-0.022476	2.805735	
0.85915	-1.471811	2.134389	-0.085667
-2.70E-05	0.013453	1.910573	
1.00000	-1.471811	2.134389	-0.085667
-2.70E-05	0.049381	1.015411	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
479

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.471811	-2.134389	0.085667
2.70E-05	0.094333	-4.596059	
0.57745	1.471811	-2.134389	0.085667
2.70E-05	0.058404	-3.700897	
0.71830	1.471811	-2.134389	0.085667
2.70E-05	0.022476	-2.805735	
0.85915	1.471811	-2.134389	0.085667
2.70E-05	-0.013453	-1.910573	
1.00000	1.471811	-2.134389	0.085667
2.70E-05	-0.049381	-1.015411	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.471811	2.134389	0.300524
2.70E-05	0.326111	4.596059	
0.57745	1.471811	2.134389	0.300524
2.70E-05	0.200071	3.700897	
0.71830	1.471811	2.134389	0.300524
2.70E-05	0.074032	2.805735	
0.85915	1.471811	2.134389	0.300524
2.70E-05	0.069404	1.910573	
1.00000	1.471811	2.134389	0.300524
2.70E-05	0.237904	1.015411	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.471811	-2.134389	-0.401764
-3.56E-05	-0.436095	-4.596059	
0.57745	-1.471811	-2.134389	-0.401764
-3.56E-05	-0.267595	-3.700897	
0.71830	-1.471811	-2.134389	-0.401764
-3.56E-05	-0.099096	-2.805735	
0.85915	-1.471811	-2.134389	-0.401764
-3.56E-05	-0.052008	-1.910573	
1.00000	-1.471811	-2.134389	-0.401764
-3.56E-05	-0.178047	-1.015411	

ELEM 235 ========== LENGTH = 2.977688

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002454	-0.068986	0.005548
-3.94E-06	0.002082	0.000518	
0.14085	-0.002454	-0.068986	0.005548
-3.94E-06	-0.000245	0.029452	
0.28171	-0.002454	-0.068986	0.005548
-3.94E-06	-0.002572	0.058386	
0.42256	-0.002454	-0.068986	0.005548
-3.94E-06	-0.004899	0.087321	
0.56342	-0.002454	-0.068986	0.005548
-3.94E-06	-0.007226	0.116255	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079141	-0.108408	-0.074875
9.71E-06	-0.044537	-0.055785	
0.14085	0.079141	-0.108408	-0.074875
9.71E-06	-0.013133	-0.010316	
0.28171	0.079141	-0.108408	-0.074875
9.71E-06	0.018272	0.035153	
0.42256	0.079141	-0.108408	-0.074875
9.71E-06	0.049676	0.080621	
0.56342	0.079141	-0.108408	-0.074875
9.71E-06	0.081080	0.126090	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.801714	1.206455	0.303433
-2.25E-05	0.180902	0.531062	
0.14085	-0.801714	1.206455	0.303433
-2.25E-05	0.053636	0.025048	
0.28171	-0.801714	1.206455	0.303433
-2.25E-05	-0.073631	-0.480965	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
480

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.801714	1.206455	0.303433
-2.25E-05	-0.986979	-1.492993	
0.56342	-0.801714	1.206455	0.303433
-2.25E-05	-0.328164	-1.492993	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.411571	-2.084686	0.105916
3.07E-06	0.064497	-0.956415	
0.14085	1.411571	-2.084686	0.105916
3.07E-06	0.020074	-0.082052	
0.28171	1.411571	-2.084686	0.105916
3.07E-06	-0.024350	0.792311	
0.42256	1.411571	-2.084686	0.105916
3.07E-06	-0.068773	1.666674	
0.56342	1.411571	-2.084686	0.105916
3.07E-06	-0.113197	2.541037	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.701951	1.092779	-0.419760
1.87E-05	-0.252027	0.504019	
0.14085	-0.701951	1.092779	-0.419760
1.87E-05	-0.075971	0.045683	
0.28171	-0.701951	1.092779	-0.419760
1.87E-05	0.100086	-0.412652	
0.42256	-0.701951	1.092779	-0.419760
1.87E-05	0.276143	-0.870988	
0.56342	-0.701951	1.092779	-0.419760
1.87E-05	0.452199	-1.329323	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015406	-0.037154	0.079737
-5.01E-06	0.049082	-0.023399	
0.14085	0.015406	-0.037154	0.079737
-5.01E-06	0.015638	-0.007816	
0.28171	0.015406	-0.037154	0.079737
-5.01E-06	-0.017805	0.007767	
0.42256	0.015406	-0.037154	0.079737
-5.01E-06	-0.051249	0.023351	
0.56342	0.015406	-0.037154	0.079737
-5.01E-06	-0.084692	0.038934	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.506119	2.230247	-0.110778
-7.77E-06	-0.069043	1.035598	
0.14085	-1.506119	2.230247	-0.110778
-7.77E-06	-0.022580	0.100184	
0.28171	-1.506119	2.230247	-0.110778
-7.77E-06	0.023883	-0.835231	
0.42256	-1.506119	2.230247	-0.110778
-7.77E-06	0.070346	-1.770646	
0.56342	-1.506119	2.230247	-0.110778
-7.77E-06	0.116809	-2.706061	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.506119	-2.230247	0.110778
7.77E-06	0.069043	-1.035598	
0.14085	1.506119	-2.230247	0.110778
7.77E-06	0.022580	-0.100184	
0.28171	1.506119	-2.230247	0.110778
7.77E-06	-0.023883	0.835231	
0.42256	1.506119	-2.230247	0.110778
7.77E-06	-0.070346	1.770646	
0.56342	1.506119	-2.230247	0.110778
7.77E-06	-0.116809	2.706061	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.506119	2.230247	0.303433
1.87E-05	0.180902	1.035598	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
481

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	1.506119	2.230247	0.303433
1.87E-05	0.053636	0.100184	
0.28171	1.506119	2.230247	0.303433
1.87E-05	0.100086	0.835231	
0.42256	1.506119	2.230247	0.303433
1.87E-05	0.276143	1.770646	
0.56342	1.506119	2.230247	0.303433
1.87E-05	0.452199	2.706061	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.506119	-2.230247	-0.419760
-2.25E-05	-0.252027	-1.035598	
0.14085	-1.506119	-2.230247	-0.419760
-2.25E-05	-0.075971	-0.100184	
0.28171	-1.506119	-2.230247	-0.419760
-2.25E-05	-0.073631	-0.835231	
0.42256	-1.506119	-2.230247	-0.419760
-2.25E-05	-0.200898	-1.770646	
0.56342	-1.506119	-2.230247	-0.419760
-2.25E-05	-0.328164	-2.706061	

ELEM 236 ========== LENGTH = 2.977077

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.007868	-0.071421	0.009516
-1.05E-06	0.009595	-0.129317	
0.57750	0.007868	-0.071421	0.009516
-1.05E-06	0.005605	-0.099372	
0.71833	0.007868	-0.071421	0.009516
-1.05E-06	0.001616	-0.069427	
0.85917	0.007868	-0.071421	0.009516
-1.05E-06	-0.002374	-0.039482	
1.00000	0.007868	-0.071421	0.009516
-1.05E-06	-0.006363	-0.009537	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.024164	-0.075787	-0.045968
7.41E-07	-0.051382	-0.183053	
0.57750	0.024164	-0.075787	-0.045968
7.41E-07	-0.032109	-0.151278	
0.71833	0.024164	-0.075787	-0.045968
7.41E-07	-0.012836	-0.119503	
0.85917	0.024164	-0.075787	-0.045968
7.41E-07	0.006437	-0.087728	
1.00000	0.024164	-0.075787	-0.045968
7.41E-07	0.025709	-0.055953	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.311757	0.895673	0.189619
4.64E-06	0.212269	2.032987	
0.57750	-0.311757	0.895673	0.189619
4.64E-06	0.132768	1.657459	
0.71833	-0.311757	0.895673	0.189619
4.64E-06	0.053267	1.281931	
0.85917	-0.311757	0.895673	0.189619
4.64E-06	-0.026235	0.906402	
1.00000	-0.311757	0.895673	0.189619
4.64E-06	-0.105736	0.530874	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.585675	-1.532069	0.225447
3.61E-05	0.253362	-3.500746	
0.57750	0.585675	-1.532069	0.225447
3.61E-05	0.158839	-2.858397	
0.71833	0.585675	-1.532069	0.225447
3.61E-05	0.064316	-2.216048	
0.85917	0.585675	-1.532069	0.225447
3.61E-05	-0.030207	-1.573698	
1.00000	0.585675	-1.532069	0.225447
3.61E-05	-0.124730	-0.931349	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
482

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.285531	0.760668	-0.452445
-4.34E-05	-0.508121	1.734429	
0.57750	-0.285531	0.760668	-0.452445
-4.34E-05	-0.318424	1.415504	
0.71833	-0.285531	0.760668	-0.452445
-4.34E-05	-0.128728	1.096580	
0.85917	-0.285531	0.760668	-0.452445
-4.34E-05	0.060968	0.777655	
1.00000	-0.285531	0.760668	-0.452445
-4.34E-05	0.250665	0.458731	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.020418	0.022936	0.073831
2.91E-06	0.084178	0.045700	
0.57750	-0.020418	0.022936	0.073831
2.91E-06	0.053321	0.036084	
0.71833	-0.020418	0.022936	0.073831
2.91E-06	0.022366	0.026467	
0.85917	-0.020418	0.022936	0.073831
2.91E-06	-0.008590	0.016851	
1.00000	-0.020418	0.022936	0.073831
2.91E-06	-0.039545	0.007235	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.589420	1.584919	-0.253311
-3.98E-05	-0.286256	3.638099	
0.57750	-0.589420	1.584919	-0.253311
-3.98E-05	-0.180051	2.973591	
0.71833	-0.589420	1.584919	-0.253311
-3.98E-05	-0.073845	2.309083	
0.85917	-0.589420	1.584919	-0.253311
-3.98E-05	0.032360	1.644576	
1.00000	-0.589420	1.584919	-0.253311
-3.98E-05	0.138566	0.980068	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.589420	-1.584919	0.253311
3.98E-05	0.286256	-3.638099	
0.57750	0.589420	-1.584919	0.253311
3.98E-05	0.180051	-2.973591	
0.71833	0.589420	-1.584919	0.253311
3.98E-05	0.073845	-2.309083	
0.85917	0.589420	-1.584919	0.253311
3.98E-05	-0.032360	-1.644576	
1.00000	0.589420	-1.584919	0.253311
3.98E-05	-0.138566	-0.980068	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.589420	1.584919	0.253311
3.98E-05	0.286256	3.638099	
0.57750	0.589420	1.584919	0.253311
3.98E-05	0.180051	2.973591	
0.71833	0.589420	1.584919	0.253311
3.98E-05	0.073845	2.309083	
0.85917	0.589420	1.584919	0.253311
3.98E-05	0.060968	1.644576	
1.00000	0.589420	1.584919	0.253311
3.98E-05	0.250665	0.980068	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.589420	-1.584919	-0.452445
-4.34E-05	-0.508121	-3.638099	
0.57750	-0.589420	-1.584919	-0.452445
-4.34E-05	-0.318424	-2.973591	
0.71833	-0.589420	-1.584919	-0.452445
-4.34E-05	-0.128728	-2.309083	
0.85917	-0.589420	-1.584919	-0.452445
-4.34E-05	-0.032360	-1.644576	
1.00000	-0.589420	-1.584919	-0.452445
-4.34E-05	-0.138566	-0.980068	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
483

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 237 ========== LENGTH = 2.977171

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006711	-0.067794	0.002104
-2.00E-06	0.000145	-0.008876	
0.14085	0.006711	-0.067794	0.002104
-2.00E-06	-0.000737	0.019550	
0.28167	0.006711	-0.067794	0.002104
-2.00E-06	-0.001619	0.047975	
0.42251	0.006711	-0.067794	0.002104
-2.00E-06	-0.002502	0.076401	
0.56334	0.006711	-0.067794	0.002104
-2.00E-06	-0.003384	0.104826	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030304	-0.097616	-0.046074
7.53E-06	0.025814	-0.059566	
0.14084	0.030304	-0.097616	-0.046074
7.53E-06	-0.006496	-0.018637	
0.28167	0.030304	-0.097616	-0.046074
7.53E-06	0.012823	0.022293	
0.42251	0.030304	-0.097616	-0.046074
7.53E-06	0.032142	0.063223	
0.56334	0.030304	-0.097616	-0.046074
7.53E-06	0.051460	0.104153	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.335337	0.977491	0.190993
-2.46E-05	0.107317	0.543997	
0.14084	-0.335337	0.977491	0.190993
-2.46E-05	0.027235	0.134142	
0.28167	-0.335337	0.977491	0.190993
-2.46E-05	-0.052847	-0.275713	
0.42251	-0.335337	0.977491	0.190993
-2.46E-05	-0.132929	-0.685568	
0.56334	-0.335337	0.977491	0.190993
-2.46E-05	-0.213011	-1.095423	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.624646	-1.655648	0.237721
8.45E-06	0.133748	-0.950140	
0.14084	0.624646	-1.655648	0.237721
8.45E-06	0.034073	-0.255939	
0.28167	0.624646	-1.655648	0.237721
8.45E-06	-0.065601	0.438263	
0.42251	0.624646	-1.655648	0.237721
8.45E-06	-0.165276	1.132464	
0.56334	0.624646	-1.655648	0.237721
8.45E-06	-0.264950	1.826665	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.308502	0.830765	-0.469996
1.75E-05	-0.264409	0.468157	
0.14084	-0.308502	0.830765	-0.469996
1.75E-05	-0.076343	0.119824	
0.28167	-0.308502	0.830765	-0.469996
1.75E-05	0.129723	-0.228510	
0.42251	-0.308502	0.830765	-0.469996
1.75E-05	0.326789	-0.576844	
0.56334	-0.308502	0.830765	-0.469996
1.75E-05	0.523855	-0.925177	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017821	0.012802	0.085253
-6.92E-06	0.049013	0.006428	
0.14084	-0.017821	0.012802	0.085253
-6.92E-06	0.013267	0.001060	
0.28167	-0.017821	0.012802	0.085253
-6.92E-06	-0.022479	-0.004308	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
484

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-0.017821	0.012802	0.085253
-6.92E-06	-0.058224	-0.009676	
0.56334	-0.017821	0.012802	0.085253
-6.92E-06	-0.093970	-0.015044	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.637129	1.740462	-0.276899
-9.06E-06	-0.156947	1.003279	
0.14084	-0.637129	1.740462	-0.276899
-9.06E-06	-0.040845	0.273516	
0.28167	-0.637129	1.740462	-0.276899
-9.06E-06	0.075257	-0.456248	
0.42251	-0.637129	1.740462	-0.276899
-9.06E-06	0.191359	-1.186011	
0.56334	-0.637129	1.740462	-0.276899
-9.06E-06	0.307461	-1.915774	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.637129	-1.740462	0.276899
9.06E-06	0.156947	-1.003279	
0.14084	0.637129	-1.740462	0.276899
9.06E-06	0.040845	-0.273516	
0.28167	0.637129	-1.740462	0.276899
9.06E-06	-0.075257	0.456248	
0.42251	0.637129	-1.740462	0.276899
9.06E-06	-0.191359	1.186011	
0.56334	0.637129	-1.740462	0.276899
9.06E-06	-0.307461	1.915774	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.637129	1.740462	0.276899
1.75E-05	0.156947	1.003279	
0.14084	0.637129	1.740462	0.276899
1.75E-05	0.040845	0.273516	
0.28167	0.637129	1.740462	0.276899
1.75E-05	0.129723	0.456248	
0.42251	0.637129	1.740462	0.276899
1.75E-05	0.326789	1.186011	
0.56334	0.637129	1.740462	0.276899
1.75E-05	0.523855	1.915774	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.637129	-1.740462	-0.469996
-2.46E-05	-0.264409	-1.003279	
0.14084	-0.637129	-1.740462	-0.469996
-2.46E-05	-0.067343	-0.273516	
0.28167	-0.637129	-1.740462	-0.469996
-2.46E-05	-0.075257	-0.456248	
0.42251	-0.637129	-1.740462	-0.469996
-2.46E-05	-0.191359	-1.186011	
0.56334	-0.637129	-1.740462	-0.469996
-2.46E-05	-0.307461	-1.915774	

ELEM 238 ========== LENGTH = 2.977668

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.006201	-0.043718	0.004866
-3.85E-07	0.004642	-0.087598	
0.57744	0.006201	-0.043718	0.004866
-3.85E-07	0.002601	-0.069262	
0.71829	0.006201	-0.043718	0.004866
-3.85E-07	0.000560	-0.050926	
0.85915	0.006201	-0.043718	0.004866
-3.85E-07	-0.001481	-0.032590	
1.00000	0.006201	-0.043718	0.004866
-3.85E-07	-0.003522	-0.014254	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
485

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	6.63E-05	-0.058841	-0.023987
8.76E-07	-0.026682	-0.135265	
0.57744	6.63E-05	-0.058841	-0.023987
8.76E-07	-0.016622	-0.110586	
0.71829	6.63E-05	-0.058841	-0.023987
8.76E-07	-0.006562	-0.085908	
0.85915	6.63E-05	-0.058841	-0.023987
8.76E-07	0.003499	-0.061229	
1.00000	6.63E-05	-0.058841	-0.023987
8.76E-07	0.013559	-0.036550	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.040508	0.594156	0.104334
-7.82E-07	0.116441	1.401620	
0.57744	-0.040508	0.594156	0.104334
-7.82E-07	0.072681	1.152420	
0.71829	-0.040508	0.594156	0.104334
-7.82E-07	0.028921	0.903221	
0.85915	-0.040508	0.594156	0.104334
-7.82E-07	-0.014838	0.654022	
1.00000	-0.040508	0.594156	0.104334
-7.82E-07	-0.058598	0.404822	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	0.093332	-0.994973	0.348991
4.72E-05	0.390035	-2.364664	
0.57744	0.093332	-0.994973	0.348991
4.72E-05	0.244562	-1.947355	
0.71829	0.093332	-0.994973	0.348991
4.72E-05	0.098189	-1.530047	
0.85915	0.093332	-0.994973	0.348991
4.72E-05	-0.048183	-1.112738	
1.00000	0.093332	-0.994973	0.348991
4.72E-05	-0.194556	-0.695430	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43658	-0.025718	0.466887	-0.513589
-5.05E-05	-0.575389	1.086814	
0.57744	-0.025718	0.466887	-0.513589
-5.05E-05	-0.359981	0.890994	
0.71829	-0.025718	0.466887	-0.513589
-5.05E-05	-0.144573	0.695174	
0.85915	-0.025718	0.466887	-0.513589
-5.05E-05	0.070835	0.499353	
1.00000	-0.025718	0.466887	-0.513589
-5.05E-05	0.286242	0.303533	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43658	-0.033373	0.036488	0.079384	
3.55E-06	0.090055	0.099093		
0.57744	-0.033373	0.036488	0.079384	
3.55E-06	0.056760	0.083789		
0.71829	-0.033373	0.036488	0.079384	
3.55E-06	0.023464	0.068485		
0.85915	-0.033373	0.036488	0.079384	
3.55E-06	-0.009831	0.053181		
1.00000	-0.033373	0.036488	0.079384	
3.55E-06	-0.043126	0.037877		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43658	-0.060025	1.017325	-0.404388	
-5.17E-05	-0.454307	2.400836		
0.57744	-0.060025	1.017325	-0.404388	
-5.17E-05	-0.284699	1.974152		
0.71829	-0.060025	1.017325	-0.404388	
-5.17E-05	-0.115092	1.547469		
0.85915	-0.060025	1.017325	-0.404388	
-5.17E-05	0.054515	1.120785		
1.00000	-0.060025	1.017325	-0.404388	
-5.17E-05	0.224123	0.694102		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
486

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43658	0.060025	-1.017325	0.404388	
5.17E-05	0.454307	-2.400836		
0.57744	0.060025	-1.017325	0.404388	
5.17E-05	0.284699	-1.974152		
0.71829	0.060025	-1.017325	0.404388	
5.17E-05	0.115092	-1.547469		
0.85915	0.060025	-1.017325	0.404388	
5.17E-05	-0.054515	-1.120785		
1.00000	0.060025	-1.017325	0.404388	
5.17E-05	-0.224123	-0.694102		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43658	0.093332	1.017325	0.404388	
5.17E-05	0.454307	2.400836		
0.57744	0.093332	1.017325	0.404388	
5.17E-05	0.284699	1.974152		
0.71829	0.093332	1.017325	0.404388	
5.17E-05	0.115092	1.547469		
0.85915	0.093332	1.017325	0.404388	
5.17E-05	0.070835	1.120785		
1.00000	0.093332	1.017325	0.404388	
5.17E-05	0.286242	0.694102		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43658	-0.060025	-1.017325	-0.513589	
-5.17E-05	-0.575389	-2.400836		
0.57744	-0.060025	-1.017325	-0.513589	
-5.17E-05	-0.359981	-1.974152		
0.71829	-0.060025	-1.017325	-0.513589	
-5.17E-05	-0.144573	-1.547469		
0.85915	-0.060025	-1.017325	-0.513589	
-5.17E-05	-0.054515	-1.120785		
1.00000	-0.060025	-1.017325	-0.513589	
-5.17E-05	-0.224123	-0.695430		

ELEM 239 ========== LENGTH = 2.977689

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.005453	-0.046261	-0.000687	
-6.58E-07	-0.001143	-0.013689		
0.14085	0.005453	-0.046261	-0.000687	
-6.58E-07	-0.000855	0.005714		
0.28171	0.005453	-0.046261	-0.000687	
-6.58E-07	-0.000567	0.025117		
0.42256	0.005453	-0.046261	-0.000687	
-6.58E-07	-0.000278	0.044519		
0.56342	0.005453	-0.046261	-0.000687	
-6.58E-07	9.81E-06	0.063922		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.004092	-0.044963	-0.024028	
4.27E-06	-0.013596	-0.039643		
0.14085	0.004092	-0.044963	-0.024028	
4.27E-06	-0.003518	-0.020785		
0.28171	0.004092	-0.044963	-0.024028	
4.27E-06	0.006559	-0.001926		
0.42256	0.004092	-0.044963	-0.024028	
4.27E-06	0.016637	0.016932		
0.56342	0.004092	-0.044963	-0.024028	
4.27E-06	0.026715	0.035790		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.056291	0.543958	0.106428	
-1.74E-05	0.060524	0.416075		
0.14085	-0.056291	0.543958	0.106428	
-1.74E-05	0.015886	0.187927		
0.28171	-0.056291	0.543958	0.106428	
-1.74E-05	-0.028753	-0.040220		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
487

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42256	-0.056291	0.543958	0.106428	
-1.74E-05	-0.172391	-0.268368		
0.56342	-0.056291	0.543958	0.106428	
-1.74E-05	-0.118029	-0.496516		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.115322	-0.936813	0.358233	
7.36E-07	0.201515	-0.710510		
0.14085	0.115322	-0.936813	0.358233	
7.36E-07	0.051264	-0.317589		
0.28171	0.115322	-0.936813	0.358233	
7.36E-07	-0.098986	0.075331		
0.42256	0.115322	-0.936813	0.358233	
7.36E-07	-0.249237	0.468251		
0.56342	0.115322	-0.936813	0.358233	
7.36E-07	-0.399488	0.861171		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.035275	0.458295	-0.528420	
2.16E-05	-0.297971	0.309518		
0.14085	-0.035275	0.458295	-0.528420	
2.16E-05	-0.076340	0.117299		
0.28171	-0.035275	0.458295	-0.528420	
2.16E-05	0.145291	-0.074920		
0.42256	-0.035275	0.458295	-0.528420	
2.16E-05	0.366922	-0.267139		
0.56342	-0.035275	0.458295	-0.528420	
2.16E-05	0.588553	-0.459358		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.033301	0.025784	0.088474	
-8.58E-06	0.050671	0.038248		
0.14085	-0.033301	0.025784	0.088474	
-8.58E-06	0.013563	0.027434		
0.28171	-0.033301	0.025784	0.088474	
-8.58E-06	-0.023545	0.016619		
0.42256	-0.033301	0.025784	0.088474	
-8.58E-06	-0.060653	0.005805		
0.56342	-0.033301	0.025784	0.088474	
-8.58E-06	-0.097761	-0.005009		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.086112	0.955992	-0.422679	
3.57E-06	-0.238590	0.711904		
0.14085	-0.086112	0.955992	-0.422679	
3.57E-06	-0.061309	0.310840		
0.28171	-0.086112	0.955992	-0.422679	
3.57E-06	0.115972	-0.090024		
0.42256	-0.086112	0.955992	-0.422679	
3.57E-06	0.293253	-0.490988		
0.56342	-0.086112	0.955992	-0.422679	
3.57E-06	0.470534	-0.891952		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.086112	-0.955992	0.422679	
-3.57E-06	0.238590	-0.711904		
0.14085	0.086112	-0.955992	0.422679	
-3.57E-06	0.061309	-0.310940		
0.28171	0.086112	-0.955992	0.422679	
-3.57E-06	-0.115972	0.090024		
0.42256	0.086112	-0.955992	0.422679	
-3.57E-06	-0.293253	0.490988		
0.56342	0.086112	-0.955992	0.422679	
-3.57E-06	-0.470534	0.891952		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.115322	0.955992	0.422679	
2.16E-05	0.238590	0.711904		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
488

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14085	0.115322	0.955992	0.422679	
2.16E-05	0.061309	0.310940		
0.28171	0.115322	0.955992	0.422679	
2.16E-05	0.145291	0.090024		
0.42256	0.115322	0.955992	0.422679	
2.16E-05	0.366922	0.490988		
0.56342	0.115322	0.955992	0.422679	
2.16E-05	0.588553	0.891952		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.086112	-0.955992	-0.528420	
-1.74E-05	-0.297971	-0.711904		
0.14085	-0.086112	-0.955992	-0.528420	
-1.74E-05	-0.076340	-0.317589		
0.28171	-0.086112	-0.955992	-0.528420	
-1.74E-05	-0.115972	-0.090024		
0.42256	-0.086112	-0.955992	-0.528420	
-1.74E-05	-0.293253	-0.490988		
0.56342	-0.086112	-0.955992	-0.528420	
-1.74E-05	-0.470534	-0.891952		

ELEM 240 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.003192	-0.027790	0.000874	
5.55E-08	0.000372	-0.057138		
0.57748	0.003192	-0.027790	0.000874	
5.55E-08	5.94E-06	-0.045485		
0.71832	0.003192	-0.027790	0.000874	
5.55E-08	-0.000361	-0.033832		
0.85916	0.003192	-0.027790	0.000874	
5.55E-08	-0.000727	-0.022179		
1.00000	0.003192	-0.027790	0.000874	
5.55E-08	-0.001093	-0.010526		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.008834	-0.015155	-0.004264	
3.90E-07	-0.008649	-0.060459		
0.57748	-0.008834	-0.015155	-0.004264	
3.90E-07	-0.002861	-0.060104		
0.71832	-0.008834	-0.015155	-0.004264	
3.90E-07	-0.001073	-0.053749		
0.85916	-0.008834	-0.015155	-0.004264	
3.90E-07	0.000715	-0.047394		
1.00000	-0.008834	-0.015155	-0.004264	
3.90E-07	0.002503	-0.041039		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.055122	0.267497	0.028111	
-1.77E-06	0.031284	0.802711		
0.57748	0.055122	0.267497	0.028111	
-1.77E-06	0.019496	0.690546		
0.71832	0.055122	0.267497	0.028111	
-1.77E-06	0.007709	0.578380		
0.85916	0.055122	0.267497	0.028111	
-1.77E-06	-0.004078	0.466215		
1.00000	0.055122	0.267497	0.028111	
-1.77E-06	-0.015866	0.354049		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.070954	-0.452145	0.448957	
4.93E-05	0.502501	-1.298652		
0.57748	-0.070954	-0.452145	0.448957	
4.93E-05	0.314247	-1.109061		
0.71832	-0.070954	-0.452145	0.448957	
4.93E-05	0.125992	-0.919470		
0.85916	-0.070954	-0.452145	0.448957	
4.93E-05	-0.062262	-0.729879		
1.00000	-0.070954	-0.452145	0.448957	
4.93E-05	-0.250516	-0.540288		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
489

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.047723	0.185745	-0.549401	
-5.04E-05	-0.615206	0.468035		
0.57748	0.047723	0.185745	-0.549401	
-5.04E-05	-0.384834	0.390150		
0.71832	0.047723	0.185745	-0.549401	
-5.04E-05	-0.154462	0.312265		
0.85916	0.047723	0.185745	-0.549401	
-5.04E-05	0.075910	0.234379		
1.00000	0.047723	0.185745	-0.549401	
-5.04E-05	0.306282	0.156494		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.026248	0.041849	0.075724	
2.39E-06	0.08548	0.151592		
0.57748	-0.026248	0.041849	0.075724	
2.39E-06	0.053946	0.133954		
0.71832	-0.026248	0.041849	0.075724	
2.39E-06	0.022194	0.116407		
0.85916	-0.026248	0.041849	0.075724	
2.39E-06	-0.009558	0.098859		
1.00000	-0.026248	0.041849	0.075724	
2.39E-06	-0.041310	0.081311		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.106037	0.425451	-0.520417	
-5.21E-05	-0.583550	1.213609		
0.57748	0.106037	0.425451	-0.520417	
-5.21E-05	-0.365332	1.035211		
0.71832	0.106037	0.425451	-0.520417	
-5.21E-05	-0.147113	0.856813		
0.85916	0.106037	0.425451	-0.520417	
-5.21E-05	0.071105	0.678415		
1.00000	0.106037	0.425451	-0.520417	
-5.21E-05	0.289323	0.500017		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.106037	-0.425451	0.520417	
5.21E-05	0.583550	-1.213609		
0.57748	-0.106037	-0.425451	0.520417	
5.21E-05	0.365332	-1.035211		
0.71832	-0.106037	-0.425451	0.520417	
5.21E-05	0.147113	-0.856813		
0.85916	-0.106037	-0.425451	0.520417	
5.21E-05	-0.071105	-0.678415		
1.00000	-0.106037	-0.425451	0.520417	
5.21E-05	-0.289323	-0.500017		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.106037	0.425451	0.520417	
5.21E-05	0.583550	1.213609		
0.57748	0.106037	0.425451	0.520417	
5.21E-05	0.365332	1.035211		
0.71832	0.106037	0.425451	0.520417	
5.21E-05	0.147113	0.856813		
0.85916	0.106037	0.425451	0.520417	
5.21E-05	0.075910	0.678415		
1.00000	0.106037	0.425451	0.520417	
5.21E-05	0.306282	0.500017		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.106037	-0.452145	-0.549401	
-5.21E-05	-0.615206	-1.298652		
0.57748	-0.106037	-0.452145	-0.549401	
-5.21E-05	-0.384834	-1.109061		
0.71832	-0.106037	-0.452145	-0.549401	
-5.21E-05	-0.154462	-0.919470		
0.85916	-0.106037	-0.452145	-0.549401	
-5.21E-05	-0.071105	-0.729879		
1.00000	-0.106037	-0.452145	-0.549401	
-5.21E-05	-0.289323	-0.540288		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
490

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 241 ========== LENGTH = 2.977363

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.002209	-0.024284	-0.003358	
2.74E-07	-0.002459	-0.010015		
0.14084	0.002209	-0.024284	-0.003358	
2.74E-07	-0.001051	0.000169		
0.28169	0.002209	-0.024284	-0.003358	
2.74E-07	0.000357	0.010352		
0.42253	0.002209	-0.024284	-0.003358	
2.74E-07	0.001765	0.020536		
0.56337	0.002209	-0.024284	-0.003358	
2.74E-07	0.003173	0.030719		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.003453	-0.034868	-0.004118	
1.36E-06	0.002380	-0.043858		
0.14084	-0.003453	-0.034868	-0.004118	
1.36E-06	-0.000653	-0.029237		
0.28169	-0.003453	-0.034868	-0.004118	
1.36E-06	0.001074	-0.014615		
0.42253	-0.003453	-0.034868	-0.004118	
1.36E-06	0.002800	6.56E-06		
0.56337	-0.003453	-0.034868	-0.004118	
1.36E-06	0.004527	0.014628		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.034637	0.339782	0.029957	
-9.06E-06	0.017439	0.364321		
0.14084	0.034637	0.339782	0.029957	
-9.06E-06	0.004876	0.221837		
0.28169	0.034637	0.339782	0.029957	
-9.06E-06	-0.007686	0.079352		
0.42253	0.034637	0.339782	0.029957	
-9.06E-06	-0.020248	-0.063132		
0.56337	0.034637	0.339782	0.029957	
-9.06E-06	-0.032811	-0.205617		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.044851	-0.550487	0.456948	
-6.63E-06	0.256764	-0.552672		
0.14084	-0.044851	-0.550487	0.456948	
-6.63E-06	0.065147	-0.321831		
0.28169	-0.044851	-0.550487	0.456948	
-6.63E-06	-0.126470	-0.090989		
0.42253	-0.044851	-0.550487	0.456948	
-6.63E-06	-0.318087	0.139852		
0.56337	-0.044851	-0.550487	0.456948	
-6.63E-06	-0.509704	0.370694		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.040453	0.226800	-0.561846	
2.06E-05	-0.316238	0.159165		
0.14084	0.040453	0.226800	-0.561846	
2.06E-05	-0.080633	0.064058		
0.28169	0.040453	0.226800	-0.561846	
2.06E-05	0.154972	-0.031048		
0.42253	0.040453	0.226800	-0.561846	
2.06E-05	0.390577	-0.126155		
0.56337	0.040453	0.226800	-0.561846	
2.06E-05	0.626182	-0.221261		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.028994	0.043057	0.082416	
-6.58E-06	0.046875	0.083059		
0.14084	-0.028994	0.043057	0.082416	
-6.58E-06	0.012314	0.065004		
0.28169	-0.028994	0.043057	0.082416	
-6.58E-06	-0.022247	0.046948		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
491

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.42253	-0.028994	0.043057	0.082416	
-6.58E-06	-0.056807	0.028892		
0.56337	-0.028994	0.043057	0.082416	
-6.58E-06	-0.091368	0.010836		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.077299	0.542297	-0.535246	
1.18E-05	-0.301258	0.513471		
0.14084	0.077299	0.542297	-0.535246	
1.18E-05	-0.076808	0.286064		
0.28169	0.077299	0.542297	-0.535246	
1.18E-05	0.147643	0.058656		
0.42253	0.077299	0.542297	-0.535246	
1.18E-05	0.372094	-0.168751		
0.56337	0.077299	0.542297	-0.535246	
1.18E-05	0.596544	-0.396159		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.077299	-0.542297	0.535246	
-1.18E-05	0.301258	-0.513471		
0.14084	-0.077299	-0.542297	0.535246	
-1.18E-05	0.076808	-0.286064		
0.28169	-0.077299	-0.542297	0.535246	
-1.18E-05	0.147643	-0.058656		
0.42253	-0.077299	-0.542297	0.535246	
-1.18E-05	-0.372094	0.168751		
0.56337	-0.077299	-0.542297	0.535246	
-1.18E-05	-0.596544	0.396159		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.077299	0.542297	0.535246	
2.06E-05	0.301258	0.513471		
0.14084	0.077299	0.542297	0.535246	
2.06E-05	0.076808	0.286064		
0.28169	0.077299	0.542297	0.535246	
2.06E-05	0.154972	0.079352		
0.42253	0.077299	0.542297	0.535246	
2.06E-05	0.390577	0.168751		
0.56337	0.077299	0.542297	0.535246	
2.06E-05	0.626182	0.396159		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.077299	-0.550487	-0.561846	
-1.18E-05	-0.316238	-0.552672		
0.14084	-0.077299	-0.550487	-0.561846	
-1.18E-05	-0.080633	-0.321831		
0.28169	-0.077299	-0.550487	-0.561846	
-1.18E-05	-0.147643	-0.090989		
0.42253	-0.077299	-0.550487	-0.561846	
-1.18E-05	-0.372094	-0.168751		
0.56337	-0.077299	-0.550487	-0.561846	
-1.18E-05	-0.596544	-0.396159		

ELEM 242 ========== LENGTH = 2.976964

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.000838	-0.013398	-0.002441	
3.01E-07	-0.003198	-0.031771		
0.57751	0.000838	-0.013398	-0.002441	
3.01E-07	-0.002174	-0.026154		
0.71834	0.000838	-0.013398	-0.002441	
3.01E-07	-0.001151	-0.020537		
0.85917	0.000838	-0.013398	-0.002441	
3.01E-07	0.000127	-0.014920		
1.00000	0.000838	-0.013398	-0.002441	
3.01E-07	0.000896	-0.009303		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
492

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.006737	-0.012516	0.012420	
1.38E-07	0.014048	-0.043401		
0.57751	-0.006737	-0.012516	0.012420	
1.38E-07	0.008842	-0.038153		
0.71834	-0.006737	-0.012516	0.012420	
1.38E-07	0.003635	-0.032906		
0.85917	-0.006737	-0.012516	0.012420	
1.38E-07	-0.001572	-0.027659		
1.00000	-0.006737	-0.012516	0.012420	
1.38E-07	-0.006779	-0.022411		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.050996	0.154024	-0.035915	
-2.44E-06	-0.040511	0.481670		
0.57751	0.050996	0.154024	-0.035915	
-2.44E-06	-0.025454	0.417097		
0.71834	0.050996	0.154024	-0.035915	
-2.44E-06	-0.010396	0.352524		
0.85917	0.050996	0.154024	-0.035915	
-2.44E-06	0.004661	0.287950		
1.00000	0.050996	0.154024	-0.035915	
-2.44E-06	0.019718	0.223377		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.060093	-0.211657	0.521725	
5.20E-05	0.583855	-0.625855		
0.57751	-0.060093	-0.211657	0.521725	
5.20E-05	0.365127	-0.537120		
0.71834	-0.060093	-0.211657	0.521725	
5.20E-05	0.146399	-0.448384		
0.85917	-0.060093	-0.211657	0.521725	
5.20E-05	-0.072330	-0.359649		
1.00000	-0.060093	-0.211657	0.521725	
5.20E-05	-0.291058	-0.270913		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.025459	0.012110	-0.557764	
-5.31E-05	-0.624181	-0.032384		
0.57751	0.025459	0.012110	-0.557764	
-5.31E-05	-0.390343	-0.037461		
0.71834	0.025459	0.012110	-0.557764	
-5.31E-05	-0.156505	-0.042539		
0.85917	0.025459	0.012110	-0.557764	
-5.31E-05	0.077332	-0.047616		
1.00000	0.025459	0.012110	-0.557764	
-5.31E-05	0.311170	-0.052693		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.010462	0.071437	0.061977
3.10E-06	0.069986	0.251741	
0.57751	-0.010462	0.071437	0.061977
3.10E-06	0.044002	0.221792	
0.71834	-0.010462	0.071437	0.061977
3.10E-06	0.018019	0.191843	
0.85917	-0.010462	0.071437	0.061977
3.10E-06	-0.007964	0.161893	
1.00000	-0.010462	0.071437	0.061977
3.10E-06	-0.033947	0.131944	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.077292	0.152737	-0.596121
-5.52E-05	-0.667889	0.417515	
0.57751	0.077292	0.152737	-0.596121
-5.52E-05	-0.417971	0.353481	
0.71834	0.077292	0.152737	-0.596121
-5.52E-05	-0.168053	0.289448	
0.85917	0.077292	0.152737	-0.596121
-5.52E-05	0.081866	0.225414	
1.00000	0.077292	0.152737	-0.596121
-5.52E-05	0.331784	0.161381	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
493

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.077292	-0.152737	0.596121
5.52E-05	0.667889	0.417515	
0.57751	-0.077292	-0.152737	0.596121
5.52E-05	0.417971	0.353481	
0.71834	-0.077292	-0.152737	0.596121
5.52E-05	0.168053	0.289448	
0.85917	-0.077292	-0.152737	0.596121
5.52E-05	0.081866	0.225414	
1.00000	-0.077292	-0.152737	0.596121
5.52E-05	-0.331784	0.161381	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.077292	0.154024	0.596121
5.52E-05	0.667889	0.481670	
0.57751	0.077292	0.154024	0.596121
5.52E-05	0.417971	0.417097	
0.71834	0.077292	0.154024	0.596121
5.52E-05	0.168053	0.352524	
0.85917	0.077292	0.154024	0.596121
5.52E-05	0.081866	0.287950	
1.00000	0.077292	0.154024	0.596121
5.52E-05	0.331784	0.223377	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.077292	-0.211657	-0.596121
-5.52E-05	-0.667889	-0.625855	
0.57751	-0.077292	-0.211657	-0.596121
-5.52E-05	-0.417971	-0.537120	
0.71834	-0.077292	-0.211657	-0.596121
-5.52E-05	-0.168053	-0.448384	
0.85917	-0.077292	-0.211657	-0.596121
-5.52E-05	-0.081866	-0.359649	
1.00000	-0.077292	-0.211657	-0.596121
-5.52E-05	-0.331784	-0.270913	

ELEM 243 ========== LENGTH = 2.978021

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000222	-0.013499	-0.005694
9.68E-07	-0.003626	-0.008876	
0.14087	0.000222	-0.013499	-0.005694
9.68E-07	-0.001238	-0.003213	
0.28173	0.000222	-0.013499	-0.005694
9.68E-07	0.001151	0.002449	
0.42260	0.000222	-0.013499	-0.005694
9.68E-07	0.003540	0.008112	
0.56347	0.000222	-0.013499	-0.005694
9.68E-07	0.005929	0.013775	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003396	-0.012201	0.012818
-1.43E-06	0.007115	-0.024771	
0.14087	-0.003396	-0.012201	0.012818
-1.43E-06	0.001738	-0.019653	
0.28173	-0.003396	-0.012201	0.012818
-1.43E-06	-0.003639	-0.014535	
0.42260	-0.003396	-0.012201	0.012818
-1.43E-06	-0.009017	-0.009416	
0.56347	-0.003396	-0.012201	0.012818
-1.43E-06	-0.014394	-0.004298	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038165	0.153166	-0.035206
2.48E-07	-0.019147	0.231986	
0.14087	0.038165	0.153166	-0.035206
2.48E-07	-0.004378	0.167732	
0.28173	0.038165	0.153166	-0.035206
2.48E-07	0.010392	0.103478	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
494

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42260	0.038165	0.153166	-0.035206
2.48E-07	0.024761	0.039224	
0.56347	0.038165	0.153166	-0.035206
2.48E-07	0.039930	-0.025031	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047264	-0.208966	0.529185
-1.66E-05	0.297288	-0.279434	
0.14087	-0.047264	-0.208966	0.529185
-1.66E-05	0.075292	-0.191771	
0.28173	-0.047264	-0.208966	0.529185
-1.66E-05	-0.146704	-0.104109	
0.42260	-0.047264	-0.208966	0.529185
-1.66E-05	-0.368700	-0.016446	
0.56347	-0.047264	-0.208966	0.529185
-1.66E-05	-0.590695	0.071216	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027929	0.008407	-0.567118
2.16E-05	-0.318980	-0.054209	
0.14087	0.027929	0.008407	-0.567118
2.16E-05	-0.081071	-0.057736	
0.28173	0.027929	0.008407	-0.567118
2.16E-05	0.156838	-0.061262	
0.42260	0.027929	0.008407	-0.567118
2.16E-05	0.394747	-0.064789	
0.56347	0.027929	0.008407	-0.567118
2.16E-05	0.632656	-0.068316	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015657	0.073093	0.066016
-4.77E-06	0.037350	0.135304	
0.14087	-0.015657	0.073093	0.066016
-4.77E-06	0.009656	0.104642	
0.28173	-0.015657	0.073093	0.066016
-4.77E-06	-0.018038	0.073979	
0.42260	-0.015657	0.073093	0.066016
-4.77E-06	-0.045731	0.043316	
0.56347	-0.015657	0.073093	0.066016
-4.77E-06	-0.073425	0.012653	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066317	0.148075	-0.608019
2.28E-05	-0.341754	0.168901	
0.14087	0.066317	0.148075	-0.608019
2.28E-05	0.086686	0.106783	
0.28173	0.066317	0.148075	-0.608019
2.28E-05	0.168381	0.044665	
0.42260	0.066317	0.148075	-0.608019
2.28E-05	0.423448	-0.017454	
0.56347	0.066317	0.148075	-0.608019
2.28E-05	0.678515	-0.079572	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066317	-0.148075	0.608019
-2.28E-05	0.341754	-0.168901	
0.14087	-0.066317	-0.148075	0.608019
-2.28E-05	0.086686	-0.106783	
0.28173	-0.066317	-0.148075	0.608019
-2.28E-05	-0.168381	-0.044665	
0.42260	-0.066317	-0.148075	0.608019
-2.28E-05	-0.423448	0.017454	
0.56347	-0.066317	-0.148075	0.608019
-2.28E-05	-0.678515	0.079572	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066317	0.153166	0.608019
2.28E-05	0.341754	0.231986	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
495

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14087	0.066317	0.153166	0.608019
2.28E-05	0.086686	0.167732	
0.28173	0.066317	0.153166	0.608019
2.28E-05	0.168381	0.103478	
0.42260	0.066317	0.153166	0.608019
2.28E-05	0.423448	0.043316	
0.56347	0.066317	0.153166	0.608019
2.28E-05	0.678515	0.079572	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066317	-0.208966	-0.608019
-2.28E-05	-0.341754	-0.279434	
0.14087	-0.066317	-0.208966	-0.608019
-2.28E-05	-0.086686	-0.191771	
0.28173	-0.066317	-0.208966	-0.608019
-2.28E-05	-0.168381	-0.104109	
0.42260	-0.066317	-0.208966	-0.608019
-2.28E-05	-0.423448	-0.016789	
0.56347	-0.066317	-0.208966	-0.608019
-2.28E-05	-0.678515	-0.079572	

ELEM 244 ========== LENGTH = 2.977743

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.000285	-0.005952	-0.004882
4.39E-07	-0.005820	-0.016205	
0.57743	-0.000285	-0.005952	-0.004882
4.39E-07	-0.003772	-0.013708	
0.71829	-0.000285	-0.005952	-0.004882
4.39E-07	-0.001724	-0.011212	
0.85914	-0.000285	-0.005952	-0.004882
4.39E-07	0.000324	-0.008716	
1.00000	-0.000285	-0.005952	-0.004882
4.39E-07	0.002372	-0.006219	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.002614	-0.004912	0.024685
-8.32E-08	0.027766	-0.022041	
0.57743	-0.002614	-0.004912	0.024685
-8.32E-08	0.017413	-0.019981	
0.71829	-0.002614	-0.004912	0.024685
-8.32E-08	0.007059	-0.017921	
0.85914	-0.002614	-0.004912	0.024685
-8.32E-08	0.003295	-0.015861	
1.00000	-0.002614	-0.004912	0.024685
-8.32E-08	-0.013648	-0.013800	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.024039	0.064777	-0.082893
-2.45E-06	-0.093102	0.249528	
0.57743	0.024039	0.064777	-0.082893
-2.45E-06	-0.058333	0.222358	
0.71829	0.024039	0.064777	-0.082893
-2.45E-06	-0.023565	0.195188	
0.85914	0.024039	0.064777	-0.082893
-2.45E-06	0.011204	0.168018	
1.00000	0.024039	0.064777	-0.082893
-2.45E-06	0.045972	0.140848	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.005171	0.013878	0.559474
5.20E-05	0.626423	-0.038909	
0.57743	0.005171	0.013878	0.559474
5.20E-05	0.391760	-0.044730	
0.71829	0.005171	0.013878	0.559474
5.20E-05	0.157096	-0.050551	
0.85914	0.005171	0.013878	0.559474
5.20E-05	-0.077567	-0.056372	
1.00000	0.005171	0.013878	0.559474
5.20E-05	-0.312230	-0.062193	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
496

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.035080	-0.199528	-0.534253
-5.27E-05	-0.598099	-0.589284	
0.57743	-0.035080	-0.199528	-0.534253
-5.27E-05	-0.374014	-0.505595	
0.71829	-0.035080	-0.199528	-0.534253
-5.27E-05	-0.149929	-0.421906	
0.85914	-0.035080	-0.199528	-0.534253
-5.27E-05	0.074155	-0.338216	
1.00000	-0.035080	-0.199528	-0.534253
-5.27E-05	0.298240	-0.254527	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.008768	0.131737	0.037870
2.83E-06	0.042831	0.416911	
0.57743	0.008768	0.131737	0.037870
2.83E-06	0.026947	0.361656	
0.71829	0.008768	0.131737	0.037870
2.83E-06	0.011063	0.306401	
0.85914	0.008768	0.131737	0.037870
2.83E-06	-0.004822	0.251146	
1.00000	0.008768	0.131737	0.037870
2.83E-06	-0.020706	0.195891	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.011326	-0.140703	-0.622029
-5.47E-05	-0.697020	-0.355961	
0.57743	-0.011326	-0.140703	-0.622029
-5.47E-05	-0.436119	-0.296945	
0.71829	-0.011326	-0.140703	-0.622029
-5.47E-05	-0.175218	-0.237930	
0.85914	-0.011326	-0.140703	-0.622029
-5.47E-05	0.085683	0.178914	
1.00000	-0.011326	-0.140703	-0.622029
-5.47E-05	0.346584	-0.119898	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.011326	0.140703	0.622029
5.47E-05	0.697020	0.355961	
0.57743	0.011326	0.140703	0.622029
5.47E-05	0.436119	0.296945	
0.71829	0.011326	0.140703	0.622029
5.47E-05	0.175218	0.237930	
0.85914	0.011326	0.140703	0.622029
5.47E-05	-0.085683	0.178914	
1.00000	0.011326	0.140703	0.622029
5.47E-05	-0.346584	0.119898	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.024039	0.140703	0.622029
5.47E-05	0.697020	0.416911	
0.57743	0.024039	0.140703	0.622029
5.47E-05	0.436119	0.361656	
0.71829	0.024039	0.140703	0.622029
5.47E-05	0.175218	0.306401	
0.85914	0.024039	0.140703	0.622029
5.47E-05	0.085683	0.251146	
1.00000	0.024039	0.140703	0.622029
5.47E-05	0.346584	0.195891	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.035080	-0.199528	-0.622029
-5.47E-05	-0.697020	-0.569284	
0.57743	-0.035080	-0.199528	-0.622029
-5.47E-05	-0.436119	-0.505595	
0.71829	-0.035080	-0.199528	-0.622029
-5.47E-05	-0.175218	-0.421906	
0.85914	-0.035080	-0.199528	-0.622029
-5.47E-05	-0.085683	-0.338216	
1.00000	-0.035080	-0.199528	-0.622029
-5.47E-05	-0.346584	-0.254527	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
497

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 245 ========== LENGTH = 2.977803

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000724	-0.005839	-0.007417
1.42E-06	-0.004494	-0.005939	
0.14086	-0.000724	-0.005839	-0.007417
1.42E-06	-0.001383	-0.003490	
0.28172	-0.000724	-0.005839	-0.007417
1.42E-06	0.001728	-0.001041	
0.42258	-0.000724	-0.005839	-0.007417
1.42E-06	0.004840	0.001408	
0.56344	-0.000724	-0.005839	-0.007417
1.42E-06	0.007951	0.003857	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000236	-0.005656	0.025384
-3.57E-06	0.018219	-0.015352	
0.14086	-0.000236	-0.005656	0.025384
-3.57E-06	0.003571	-0.012979	
0.28172	-0.000236	-0.005656	0.025384
-3.57E-06	-0.007076	-0.010607	
0.42258	-0.000236	-0.005656	0.025384
-3.57E-06	-0.017724	-0.008235	
0.56344	-0.000236	-0.005656	0.025384
-3.57E-06	-0.028371	-0.005862	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014922	0.067595	-0.083693
7.92E-06	-0.046608	0.146511	
0.14086	0.014922	0.067595	-0.083693
7.92E-06	-0.011503	0.118158	
0.28172	0.014922	0.067595	-0.083693
7.92E-06	0.023602	0.089805	
0.42258	0.014922	0.067595	-0.083693
7.92E-06	0.058707	0.061452	
0.56344	0.014922	0.067595	-0.083693
7.92E-06	0.093812	0.033099	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010593	0.009591	0.569192
-2.29E-05	0.319979	-0.065623	
0.14086	0.010593	0.009591	0.569192
-2.29E-05	0.081231	-0.069646	
0.28172	0.010593	0.009591	0.569192
-2.29E-05	-0.157517	-0.073669	
0.42258	0.010593	0.009591	0.569192
-2.29E-05	-0.396265	-0.077692	
0.56344	0.010593	0.009591	0.569192
-2.29E-05	-0.635013	-0.081716	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025943	-0.197058	-0.543204
1.79E-05	-0.305356	-0.259908	
0.14086	-0.025943	-0.197058	-0.543204
1.79E-05	0.077509	-0.177251	
0.28172	-0.025943	-0.197058	-0.543204
1.79E-05	0.150339	-0.094595	
0.42258	-0.025943	-0.197058	-0.543204
1.79E-05	0.378186	-0.011939	
0.56344	-0.025943	-0.197058	-0.543204
1.79E-05	0.606033	0.070717	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001388	0.131366	0.039738
-7.84E-07	0.022260	0.200311	
0.14086	0.001388	0.131366	0.039738
-7.84E-07	0.005592	0.145209	
0.28172	0.001388	0.131366	0.039738
-7.84E-07	-0.011076	0.090108	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
498

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42258	0.001388	0.131366	0.039738
-7.84E-07	-0.027744	0.035007	
0.56344	0.001388	0.131366	0.039738
-7.84E-07	-0.044412	-0.020095	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011745	-0.135301	-0.634314
2.73E-05	-0.356458	-0.119336	
0.14086	-0.011745	-0.135301	-0.634314
2.73E-05	-0.090395	-0.062584	
0.28172	-0.011745	-0.135301	-0.634314
2.73E-05	0.175669	-0.005832	
0.42258	-0.011745	-0.135301	-0.634314
2.73E-05	0.441732	0.050920	
0.56344	-0.011745	-0.135301	-0.634314
2.73E-05	0.707796	0.107673	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011745	0.135301	0.634314
-2.73E-05	0.356458	0.119336	
0.14086	0.011745	0.135301	0.634314
-2.73E-05	0.090395	0.062584	
0.28172	0.011745	0.135301	0.634314
-2.73E-05	-0.175669	0.005832	
0.42258	0.011745	0.135301	0.634314
-2.73E-05	-0.441732	-0.050920	
0.56344	0.011745	0.135301	0.634314
-2.73E-05	-0.707796	-0.107673	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014922	0.135301	0.634314
2.73E-05	0.356458	0.200311	
0.14086	0.014922	0.135301	0.634314
2.73E-05	0.090395	0.145209	
0.28172	0.014922	0.135301	0.634314
2.73E-05	0.175669	0.090108	
0.42258	0.014922	0.135301	0.634314
2.73E-05	0.441732	0.061452	
0.56344	0.014922	0.135301	0.634314
2.73E-05	0.707796	0.107673	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025943	-0.197058	-0.634314
-2.73E-05	-0.356458	-0.259908	
0.14086	-0.025943	-0.197058	-0.634314
-2.73E-05	-0.090395	-0.177251	
0.28172	-0.025943	-0.197058	-0.634314
-2.73E-05	-0.175669	-0.094595	
0.42258	-0.025943	-0.197058	-0.634314
-2.73E-05	-0.441732	-0.077692	
0.56344	-0.025943	-0.197058	-0.634314
-2.73E-05	-0.707796	-0.107673	

ELEM 246 ========== LENGTH = 2.977541

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.000589	-0.001992	-0.006493
5.69E-07	-0.007540	-0.007150	
0.57745	-0.000589	-0.001992	-0.006493
5.69E-07	-0.004817	-0.006314	
0.71830	-0.000589	-0.001992	-0.006493
5.69E-07	-0.002094	-0.005479	
0.85915	-0.000589	-0.001992	-0.006493
5.69E-07	0.000629	-0.004644	
1.00000	-0.000589	-0.001992	-0.006493
5.69E-07	0.003352	-0.003808	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
499

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-9.21E-05	0.001407	0.032560
-6.12E-07	0.036586	-0.002760	
0.57745	-9.21E-05	0.001407	0.032560
-6.12E-07	0.022931	-0.003350	
0.71830	-9.21E-05	0.001407	0.032560
-6.12E-07	0.009275	-0.003940	
0.85915	-9.21E-05	0.001407	0.032560
-6.12E-07	-0.004380	-0.004530	
1.00000	-9.21E-05	0.001407	0.032560
-6.12E-07	-0.018035	-0.005120	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.005081	0.006795	-0.113040
-8.47E-07	-0.126910	0.081664	
0.57745	0.005081	0.006795	-0.113040
-8.47E-07	-0.079503	0.078814	
0.71830	0.005081	0.006795	-0.113040
-8.47E-07	-0.032096	0.075964	
0.85915	0.005081	0.006795	-0.113040
-8.47E-07	0.015312	0.073115	
1.00000	0.005081	0.006795	-0.113040
-8.47E-07	0.062719	0.070265	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.030484	0.205156	0.564614
4.87E-05	0.632130	0.496036	
0.57745	0.030484	0.205156	0.564614
4.87E-05	0.395339	0.409997	
0.71830	0.030484	0.205156	0.564614
4.87E-05	0.158548	0.323957	
0.85915	0.030484	0.205156	0.564614
4.87E-05	-0.078242	0.237918	
1.00000	0.030484	0.205156	0.564614
4.87E-05	-0.315033	0.151878	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.045982	-0.439740	-0.481315
-4.98E-05	-0.538546	-1.241823	
0.57745	-0.045982	-0.439740	-0.481315
-4.98E-05	-0.336689	-1.057403	
0.71830	-0.045982	-0.439740	-0.481315
-4.98E-05	-0.134833	-0.872982	
0.85915	-0.045982	-0.439740	-0.481315
-4.98E-05	0.067024	-0.688562	
1.00000	-0.045982	-0.439740	-0.481315
-4.98E-05	0.268880	-0.504142	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.011099	0.228373	0.003674
1.93E-06	0.004280	0.674032	
0.57745	0.011099	0.228373	0.003674
1.93E-06	0.002739	0.578256	
0.71830	0.011099	0.228373	0.003674
1.93E-06	0.001199	0.482479	
0.85915	0.011099	0.228373	0.003674
1.93E-06	-0.000342	0.386703	
1.00000	0.011099	0.228373	0.003674
1.93E-06	-0.001883	0.290926	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.041491	-0.434937	-0.600848
-5.00E-05	-0.672996	-1.167309	
0.57745	-0.041491	-0.434937	-0.600848
-5.00E-05	-0.421009	-0.984903	
0.71830	-0.041491	-0.434937	-0.600848
-5.00E-05	-0.169022	-0.802497	
0.85915	-0.041491	-0.434937	-0.600848
-5.00E-05	0.082964	-0.620091	
1.00000	-0.041491	-0.434937	-0.600848
-5.00E-05	0.334951	-0.437685	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
500

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.041491	0.434937	0.600848
5.00E-05	0.672996	1.167309	
0.57745	0.041491	0.434937	0.600848
5.00E-05	0.421009	0.984903	
0.71830	0.041491	0.434937	0.600848
5.00E-05	0.169022	0.802497	
0.85915	0.041491	0.434937	0.600848
5.00E-05	-0.082964	0.620091	
1.00000	0.041491	0.434937	0.600848
5.00E-05	-0.334951	0.437685	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.041491	0.434937	0.600848
5.00E-05	0.672996	1.167309	
0.57745	0.041491	0.434937	0.600848
5.00E-05	0.421009	0.984903	
0.71830	0.041491	0.434937	0.600848
5.00E-05	0.169022	0.802497	
0.85915	0.041491	0.434937	0.600848
5.00E-05	0.082964	0.620091	
1.00000	0.041491	0.434937	0.600848
5.00E-05	0.334951	0.437685	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.045982	-0.439740	-0.600848
-5.00E-05	-0.672996	-1.241823	
0.57745	-0.045982	-0.439740	-0.600848
-5.00E-05	-0.421009	-1.057403	
0.71830	-0.045982	-0.439740	-0.600848
-5.00E-05	-0.169022	-0.872982	
0.85915	-0.045982	-0.439740	-0.600848
-5.00E-05	-0.082964	-0.688562	
1.00000	-0.045982	-0.439740	-0.600848
-5.00E-05	-0.334951	-0.504142	

ELEM 247 ========== LENGTH = 2.977660

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000854	-0.001829	-0.008474
1.60E-06	-0.005008	-0.003638	
0.14085	-0.000854	-0.001829	-0.008474
1.60E-06	-0.001454	-0.002871	
0.28171	-0.000854	-0.001829	-0.008474
1.60E-06	0.002100	-0.002104	
0.42256	-0.000854	-0.001829	-0.008474
1.60E-06	0.005654	-0.001336	
0.56342	-0.000854	-0.001829	-0.008474
1.60E-06	0.009208	-0.000569	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001290	0.000450	0.033485
-4.59E-06	0.018785	-0.006066	
0.14085	0.001290	0.000450	0.033485
-4.59E-06	0.004741	-0.006255	
0.28171	0.001290	0.000450	0.033485
-4.59E-06	-0.009303	-0.006443	
0.42256	0.001290	0.000450	0.033485
-4.59E-06	-0.022347	-0.006632	
0.56342	0.001290	0.000450	0.033485
-4.59E-06	-0.037391	-0.006821	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000212	0.010337	-0.115090
1.19E-05	-0.064359	0.073722	
0.14085	-0.000212	0.010337	-0.115090
1.19E-05	-0.016089	0.069386	
0.28171	-0.000212	0.010337	-0.115090
1.19E-05	0.032181	0.065051	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
501

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.000212	0.010337	-0.115090
1.19E-05	0.080452	0.060716	
0.56342	-0.000212	0.010337	-0.115090
1.19E-05	0.128722	0.056380	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026342	0.240280	0.575376
-2.37E-05	0.323573	0.153033	
0.14085	0.026342	0.240280	0.575376
-2.37E-05	0.082252	0.052256	
0.28171	0.026342	0.240280	0.575376
-2.37E-05	-0.159070	-0.048521	
0.42256	0.026342	0.240280	0.575376
-2.37E-05	-0.400391	-0.149298	
0.56342	0.026342	0.240280	0.575376
-2.37E-05	-0.641713	-0.250075	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025804	-0.518162	-0.488856
1.09E-05	-0.274741	-0.513975	
0.14085	-0.025804	-0.518162	-0.488856
1.09E-05	-0.069707	-0.296650	
0.28171	-0.025804	-0.518162	-0.488856
1.09E-05	0.135327	-0.079325	
0.42256	-0.025804	-0.518162	-0.488856
1.09E-05	0.340361	0.137999	
0.56342	-0.025804	-0.518162	-0.488856
1.09E-05	0.545394	0.355324	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000762	0.268924	0.003559
4.00E-06	0.001750	0.296925	
0.14085	-0.000762	0.268924	0.003559
4.00E-06	0.000257	0.184134	
0.28171	-0.000762	0.268924	0.003559
4.00E-06	-0.001236	0.071343	
0.42256	-0.000762	0.268924	0.003559
4.00E-06	-0.002728	-0.041448	
0.56342	-0.000762	0.268924	0.003559
4.00E-06	-0.004221	-0.154239	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026870	-0.509655	-0.612420
2.43E-05	-0.344108	-0.443892	
0.14085	-0.026870	-0.509655	-0.612420
2.43E-05	-0.087250	-0.230135	
0.28171	-0.026870	-0.509655	-0.612420
2.43E-05	0.169608	-0.016378	
0.42256	-0.026870	-0.509655	-0.612420
2.43E-05	0.426466	0.197379	
0.56342	-0.026870	-0.509655	-0.612420
2.43E-05	0.683324	0.411135	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026870	0.509655	0.612420
-2.43E-05	0.344108	0.443892	
0.14085	0.026870	0.509655	0.612420
-2.43E-05	0.087250	0.230135	
0.28171	0.026870	0.509655	0.612420
-2.43E-05	-0.169608	0.016378	
0.42256	0.026870	0.509655	0.612420
-2.43E-05	-0.426466	-0.197379	
0.56342	0.026870	0.509655	0.612420
-2.43E-05	-0.683324	-0.411135	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026870	0.509655	0.612420
2.43E-05	0.344108	0.443892	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
502

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.026870	0.509655	0.612420
2.43E-05	0.087250	0.230135	
0.28171	0.026870	0.509655	0.612420
2.43E-05	0.169608	0.071343	
0.42256	0.026870	0.509655	0.612420
2.43E-05	0.426466	0.197379	
0.56342	0.026870	0.509655	0.612420
2.43E-05	0.683324	0.411135	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026870	-0.518162	-0.612420
-2.43E-05	-0.344108	-0.513975	
0.14085	-0.026870	-0.518162	-0.612420
-2.43E-05	-0.087250	-0.296650	
0.28171	-0.026870	-0.518162	-0.612420
-2.43E-05	-0.169608	-0.079325	
0.42256	-0.026870	-0.518162	-0.612420
-2.43E-05	-0.426466	-0.297379	
0.56342	-0.026870	-0.518162	-0.612420
-2.43E-05	-0.683324	-0.411135	

ELEM 248 ========== LENGTH = 2.976473

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.001136	0.001051	-0.007289
4.80E-07	-0.008357	-0.000901	
0.57757	-0.001136	0.001051	-0.007289
4.80E-07	-0.005302	-0.001342	
0.71838	-0.001136	0.001051	-0.007289
4.80E-07	-0.002247	-0.001782	
0.85919	-0.001136	0.001051	-0.007289
4.80E-07	0.000808	-0.002223	
1.00000	-0.001136	0.001051	-0.007289
4.80E-07	0.003863	-0.002663	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-1.49E-05	0.006300	0.035993
-1.89E-07	0.040377	0.016291	
0.57757	-1.49E-05	0.006300	0.035993
-1.89E-07	0.025292	0.013650	
0.71838	-1.49E-05	0.006300	0.035993
-1.89E-07	0.010206	0.011010	
0.85919	-1.49E-05	0.006300	0.035993
-1.89E-07	-0.004879	0.008369	
1.00000	-1.49E-05	0.006300	0.035993
-1.89E-07	-0.019964	0.005729	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.003729	-0.037232	-0.126203
-2.37E-06	-0.141506	-0.059849	
0.57757	0.003729	-0.037232	-0.126203
-2.37E-06	-0.088612	-0.044244	
0.71838	0.003729	-0.037232	-0.126203
-2.37E-06	-0.035718	-0.028639	
0.85919	0.003729	-0.037232	-0.126203
-2.37E-06	0.017176	-0.013035	
1.00000	0.003729	-0.037232	-0.126203
-2.37E-06	0.070070	0.002570	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.044036	0.498990	0.539316
4.89E-05	0.603373	1.147437	
0.57757	-0.044036	0.498990	0.539316
4.89E-05	0.377336	0.938301	
0.71838	-0.044036	0.498990	0.539316
4.89E-05	0.151298	0.729165	
0.85919	-0.044036	0.498990	0.539316
4.89E-05	-0.074739	0.520029	
1.00000	-0.044036	0.498990	0.539316
4.89E-05	-0.300776	0.310894	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
503

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.096855	-0.921982	-0.403334
-4.74E-05	-0.450993	-2.203895	
0.57757	0.096855	-0.921982	-0.403334
-4.74E-05	-0.281948	-1.817475	
0.71838	0.096855	-0.921982	-0.403334
-4.74E-05	-0.112904	-1.431056	
0.85919	0.096855	-0.921982	-0.403334
-4.74E-05	0.056141	-1.044637	
1.00000	0.096855	-0.921982	-0.403334
-4.74E-05	0.225186	-0.658217	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.055396	0.452872	-0.038483
5.71E-07	-0.042894	1.110317	
0.57757	-0.055396	0.452872	-0.038483
5.71E-07	-0.026765	0.911110	
0.71838	-0.055396	0.452872	-0.038483
5.71E-07	-0.010636	0.721303	
0.85919	-0.055396	0.452872	-0.038483
5.71E-07	0.005493	0.531496	
1.00000	-0.055396	0.452872	-0.038483
5.71E-07	0.021621	0.341689	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.099448	-0.958163	-0.536827
-4.93E-05	-0.600856	-2.264645	
0.57757	0.099448	-0.958163	-0.536827
-4.93E-05	-0.375862	-1.863061	
0.71838	0.099448	-0.958163	-0.536827
-4.93E-05	-0.150869	-1.461478	
0.85919	0.099448	-0.958163	-0.536827
-4.93E-05	0.074125	-1.059895	
1.00000	0.099448	-0.958163	-0.536827
-4.93E-05	0.299119	-0.658311	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.099448	0.958163	0.536827
4.93E-05	0.600856	2.264645	
0.57757	-0.099448	0.958163	0.536827
4.93E-05	0.375862	1.863061	
0.71838	-0.099448	0.958163	0.536827
4.93E-05	0.150869	1.461478	
0.85919	-0.099448	0.958163	0.536827
4.93E-05	-0.074125	1.059895	
1.00000	-0.099448	0.958163	0.536827
4.93E-05	-0.299119	0.658311	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.099448	0.958163	0.539316
4.93E-05	0.603373	2.264645	
0.57757	0.099448	0.958163	0.539316
4.93E-05	0.377336	1.863061	
0.71838	0.099448	0.958163	0.539316
4.93E-05	0.151298	1.461478	
0.85919	0.099448	0.958163	0.539316
4.93E-05	0.074125	1.059895	
1.00000	0.099448	0.958163	0.539316
4.93E-05	0.299119	0.658311	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.099448	-0.958163	-0.536827
-4.93E-05	-0.600856	-2.264645	
0.57757	-0.099448	-0.958163	-0.536827
-4.93E-05	-0.375862	-1.863061	
0.71838	-0.099448	-0.958163	-0.536827
-4.93E-05	-0.150869	-1.461478	
0.85919	-0.099448	-0.958163	-0.536827
-4.93E-05	-0.074739	-1.059895	
1.00000	-0.099448	-0.958163	-0.536827
-4.93E-05	-0.300776	-0.658311	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
504

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 249 ========== LENGTH = 2.977593

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001161	6.32E-05	-0.008814
1.76E-06	-0.005142	-0.002619	
0.14085	-0.001161	6.32E-05	-0.008814
1.76E-06	-0.003445	-0.002646	
0.28170	-0.001161	6.32E-05	-0.008814
1.76E-06	0.002251	-0.002672	
0.42255	-0.001161	6.32E-05	-0.008814
1.76E-06	0.005948	-0.002699	
0.56341	-0.001161	6.32E-05	-0.008814
1.76E-06	0.009645	-0.002725	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.43E-06	0.011766	0.036991
-5.73E-06	0.012790	0.008480	
0.14085	7.43E-06	0.011766	0.036991
-5.73E-06	0.005276	0.000545	
0.28170	7.43E-06	0.011766	0.036991
-5.73E-06	-0.010238	-0.004390	
0.42255	7.43E-06	0.011766	0.036991
-5.73E-06	-0.025752	-0.009324	
0.56341	7.43E-06	0.011766	0.036991
-5.73E-06	-0.041266	-0.014259	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003577	-0.057187	-0.128942
1.64E-05	-0.072320	0.003482	
0.14085	0.003577	-0.057187	-0.128942
1.64E-05	-0.018242	0.027466	
0.28170	0.003577	-0.057187	-0.128942
1.64E-05	0.035836	0.051450	
0.42255	0.003577	-0.057187	-0.128942
1.64E-05	0.089914	0.075434	
0.56341	0.003577	-0.057187	-0.128942
1.64E-05	0.143992	0.099418	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.052751	0.499551	0.550353
-2.68E-05	0.309685	0.315906	
0.14085	-0.052751	0.499551	0.550353
-2.68E-05	0.078868	0.106395	
0.28170	-0.052751	0.499551	0.550353
-2.68E-05	0.151949	-0.103116	
0.42255	-0.052751	0.499551	0.550353
-2.68E-05	-0.382766	-0.312627	
0.56341	-0.052751	0.499551	0.550353
-2.68E-05	-0.613583	-0.522138	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.115120	-0.879777	-0.410313
6.59E-06	-0.230547	-0.670303	
0.14085	0.115120	-0.879777	-0.410313
6.59E-06	0.058663	-0.301326	
0.28170	0.115120	-0.879777	-0.410313
6.59E-06	0.113622	0.067651	
0.42255	0.115120	-0.879777	-0.410313
6.59E-06	0.285706	0.436628	
0.56341	0.115120	-0.879777	-0.410313
6.59E-06	0.457790	0.805604	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064793	0.425582	-0.039275
7.73E-06	-0.022466	0.348054	
0.14085	-0.064793	0.425582	-0.039275
7.73E-06	-0.005994	0.169565	
0.28170	-0.064793	0.425582	-0.039275
7.73E-06	0.010478	-0.008923	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
505

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-0.064793	0.425582	-0.039275
7.73E-06	0.026950	-0.187412	
0.56341	-0.064793	0.425582	-0.039275
7.73E-06	0.043422	-0.365900	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117536	-0.936900	-0.548069
2.48E-05	-0.308009	-0.669440	
0.14085	0.117536	-0.936900	-0.548069
2.48E-05	-0.078150	-0.276506	
0.28170	0.117536	-0.936900	-0.548069
2.48E-05	0.151709	0.116429	
0.42255	0.117536	-0.936900	-0.548069
2.48E-05	0.381568	0.509363	
0.56341	0.117536	-0.936900	-0.548069
2.48E-05	0.611428	0.902297	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117536	0.936900	0.548069
-2.48E-05	0.308009	0.669440	
0.14085	-0.117536	0.936900	0.548069
-2.48E-05	0.078150	0.276506	
0.28170	-0.117536	0.936900	0.548069
-2.48E-05	-0.151709	-0.116429	
0.42255	-0.117536	0.936900	0.548069
-2.48E-05	-0.381568	-0.509363	
0.56341	-0.117536	0.936900	0.548069
-2.48E-05	-0.611428	-0.902297	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.117536	0.936900	0.550353
2.48E-05	0.309685	0.669440	
0.14085	0.117536	0.936900	0.550353
2.48E-05	0.078868	0.276506	
0.28170	0.117536	0.936900	0.550353
2.48E-05	0.151709	0.116429	
0.42255	0.117536	0.936900	0.550353
2.48E-05	0.381568	0.509363	
0.56341	0.117536	0.936900	0.550353
2.48E-05	0.611428	0.902297	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117536	-0.936900	-0.548069
-2.68E-05	-0.308009	-0.670303	
0.14085	-0.117536	-0.936900	-0.548069
-2.68E-05	-0.078150	-0.301326	
0.28170	-0.117536	-0.936900	-0.548069
-2.68E-05	-0.151949	-0.116429	
0.42255	-0.117536	-0.936900	-0.548069
-2.68E-05	-0.382766	-0.509363	
0.56341	-0.117536	-0.936900	-0.548069
-2.68E-05	-0.613583	-0.902297	

ELEM 250 ========== LENGTH = 2.977542

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.002514	0.001795	-0.007298
5.06E-07	-0.008338	0.001428	
0.57745	-0.002514	0.001795	-0.007298
5.06E-07	-0.005278	0.000675	
0.71830	-0.002514	0.001795	-0.007298
5.06E-07	-0.002217	-7.78E-05	
0.85915	-0.002514	0.001795	-0.007298
5.06E-07	0.000843	-0.000831	
1.00000	-0.002514	0.001795	-0.007298
5.06E-07	0.003904	-0.001583	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
506

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.005255	0.020448	0.035135
-6.60E-07	0.039516	0.045991	
0.57745	-0.005255	0.020448	0.035135
-6.60E-07	0.024781	0.037415	
0.71830	-0.005255	0.020448	0.035135
-6.60E-07	0.010046	0.028839	
0.85915	-0.005255	0.020448	0.035135
-6.60E-07	-0.004689	0.020264	
1.00000	-0.005255	0.020448	0.035135
-6.60E-07	-0.019424	0.011688	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.035003	-0.112050	-0.123022
-2.99E-07	-0.138335	-0.225980	
0.57745	0.035003	-0.112050	-0.123022
-2.99E-07	-0.086742	-0.179898	
0.71830	0.035003	-0.112050	-0.123022
-2.99E-07	-0.035148	-0.131996	
0.85915	0.035003	-0.112050	-0.123022
-2.99E-07	0.016445	-0.085004	
1.00000	0.035003	-0.112050	-0.123022
-2.99E-07	0.068039	-0.038012	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.313284	0.840577	0.482256
4.08E-05	0.541159	1.884403	
0.57745	-0.313284	0.840577	0.482256
4.08E-05	0.338908	1.531877	
0.71830	-0.313284	0.840577	0.482256
4.08E-05	0.136657	1.179351	
0.85915	-0.313284	0.840577	0.482256
4.08E-05	-0.065594	0.826825	
1.00000	-0.313284	0.840577	0.482256
4.08E-05	-0.267845	0.474299	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.534752	-1.451460	-0.300499
-3.64E-05	-0.337048	-3.322490	
0.57745	0.534752	-1.451460	-0.300499
-3.64E-05	-0.211023	-2.713768	
0.71830	0.534752	-1.451460	-0.300499
-3.64E-05	-0.084998	-2.105047	
0.85915	0.534752	-1.451460	-0.300499
-3.64E-05	0.041026	-1.496326	
1.00000	0.534752	-1.451460	-0.300499
-3.64E-05	0.167051	-0.887605	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.248703	0.700690	-0.086573
-3.95E-06	-0.096954	1.616648	
0.57745	-0.248703	0.700690	-0.086573
-3.95E-06	-0.060647	1.322789	
0.71830	-0.248703	0.700690	-0.086573
-3.95E-06	-0.024339	1.028930	
0.85915	-0.248703	0.700690	-0.086573
-3.95E-06	0.011968	0.735071	
1.00000	-0.248703	0.700690	-0.086573
-3.95E-06	0.048275	0.441212	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.567241	-1.561715	-0.430818
-3.62E-05	-0.483722	-3.547042	
0.57745	0.567241	-1.561715	-0.430818
-3.62E-05	-0.303043	-2.892081	
0.71830	0.567241	-1.561715	-0.430818
-3.62E-05	-0.122364	-2.237121	
0.85915	0.567241	-1.561715	-0.430818
-3.62E-05	0.058315	-1.582160	
1.00000	0.567241	-1.561715	-0.430818
-3.62E-05	0.238994	-0.927200	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.567241	1.561715	0.430818
3.62E-05	0.483722	3.547042	
0.57745	-0.567241	1.561715	0.430818
3.62E-05	0.303043	2.892081	
0.71830	-0.567241	1.561715	0.430818
3.62E-05	0.122364	2.237121	
0.85915	-0.567241	1.561715	0.430818
3.62E-05	-0.058315	1.582160	
1.00000	-0.567241	1.561715	0.430818
3.62E-05	-0.238994	0.927200	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.567241	1.561715	0.482256
4.08E-05	0.541159	3.547042	
0.57745	0.567241	1.561715	0.482256
4.08E-05	0.338908	2.892081	
0.71830	0.567241	1.561715	0.482256
4.08E-05	0.136657	2.237121	
0.85915	0.567241	1.561715	0.482256
4.08E-05	0.058315	1.582160	
1.00000	0.567241	1.561715	0.482256
4.08E-05	0.238994	0.927200	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.567241	-1.561715	-0.430818
-3.64E-05	-0.483722	-3.547042	
0.57745	-0.567241	-1.561715	-0.430818
-3.64E-05	-0.303043	-2.892081	
0.71830	-0.567241	-1.561715	-0.430818
-3.64E-05	-0.122364	-2.237121	
0.85915	-0.567241	-1.561715	-0.430818
-3.64E-05	-0.065594	-1.582160	
1.00000	-0.567241	-1.561715	-0.430818
-3.64E-05	-0.267845	-0.927200	

ELEM 251 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002338	0.000996	-0.008486
1.59E-06	-0.004896	-0.001641	
0.14085	-0.002338	0.000996	-0.008486
1.59E-06	-0.001337	-0.002058	
0.28170	-0.002338	0.000996	-0.008486
1.59E-06	0.002221	-0.002476	
0.42255	-0.002338	0.000996	-0.008486
1.59E-06	0.005780	-0.002894	
0.56340	-0.002338	0.000996	-0.008486
1.59E-06	0.009339	-0.003311	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006308	0.024987	0.036312
-5.25E-06	0.020365	0.012000	
0.14085	-0.006308	0.024987	0.036312
-5.25E-06	0.005137	0.001520	
0.28170	-0.006308	0.024987	0.036312
-5.25E-06	-0.010092	-0.008959	
0.42255	-0.006308	0.024987	0.036312
-5.25E-06	-0.025320	-0.019438	
0.56340	-0.006308	0.024987	0.036312
-5.25E-06	-0.040549	-0.029917	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038901	-0.128765	-0.126806
1.52E-05	-0.071020	-0.039140	
0.14085	0.038901	-0.128765	-0.126806
1.52E-05	-0.017840	0.014862	
0.28170	0.038901	-0.128765	-0.126806
1.52E-05	0.035340	0.068864	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	0.038901	-0.128765	-0.126806
1.52E-05	0.122866	0.122866	
0.56340	0.038901	-0.128765	-0.126806
1.52E-05	0.141700	0.176869	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.335763	0.909382	0.496580
-2.35E-05	0.278809	0.483134	
0.14085	-0.335763	0.909382	0.496580
-2.35E-05	0.070552	0.101755	
0.28170	-0.335763	0.909382	0.496580
-2.35E-05	-0.137705	-0.279625	
0.42255	-0.335763	0.909382	0.496580
-2.35E-05	-0.345963	-0.661004	
0.56340	-0.335763	0.909382	0.496580
-2.35E-05	-0.554220	-1.042384	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.568296	-1.553656	-0.310640
1.80E-06	-0.174315	-0.902962	
0.14085	0.568296	-1.553656	-0.310640
1.80E-06	-0.044038	-0.251384	
0.28170	0.568296	-1.553656	-0.310640
1.80E-06	0.086239	0.400193	
0.42255	0.568296	-1.553656	-0.310640
1.80E-06	0.216516	1.051770	
0.56340	0.568296	-1.553656	-0.310640
1.80E-06	0.346793	1.703348	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.262788	0.747057	-0.086960
1.02E-05	-0.048943	0.448608	
0.14085	-0.262788	0.747057	-0.086960
1.02E-05	-0.012473	0.135305	
0.28170	-0.262788	0.747057	-0.086960
1.02E-05	0.023996	-0.177998	
0.42255	-0.262788	0.747057	-0.086960
1.02E-05	0.060466	-0.491301	
0.56340	-0.262788	0.747057	-0.086960
1.02E-05	0.096936	-0.804604	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.604859	-1.681426	-0.445931
1.86E-05	-0.250232	-0.943742	
0.14085	0.604859	-1.681426	-0.445931
1.86E-05	-0.063215	-0.238580	
0.28170	0.604859	-1.681426	-0.445931
1.86E-05	0.123801	0.466581	
0.42255	0.604859	-1.681426	-0.445931
1.86E-05	0.310817	1.171743	
0.56340	0.604859	-1.681426	-0.445931
1.86E-05	0.497833	1.876905	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.604859	1.681426	0.445931
-1.86E-05	0.250232	0.943742	
0.14085	-0.604859	1.681426	0.445931
-1.86E-05	0.063215	0.238580	
0.28170	-0.604859	1.681426	0.445931
-1.86E-05	-0.123801	-0.466581	
0.42255	-0.604859	1.681426	0.445931
-1.86E-05	-0.310817	-1.171743	
0.56340	-0.604859	1.681426	0.445931
-1.86E-05	-0.497833	-1.876905	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.604859	1.681426	0.496580
1.86E-05	0.278609	0.943742	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.604859	1.681426	0.496580
1.86E-05	0.070552	0.238580	
0.28170	0.604859	1.681426	0.496580
1.86E-05	0.123801	0.466581	
0.42255	0.604859	1.681426	0.496580
1.86E-05	0.310817	1.171743	
0.56340	0.604859	1.681426	0.496580
1.86E-05	0.497833	1.876905	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.604859	-1.681426	-0.445931
-2.35E-05	-0.250232	-0.943742	
0.14085	-0.604859	-1.681426	-0.445931
-2.35E-05	-0.063215	-0.251384	
0.28170	-0.604859	-1.681426	-0.445931
-2.35E-05	-0.137705	-0.466581	
0.42255	-0.604859	-1.681426	-0.445931
-2.35E-05	-0.345963	-1.171743	
0.56340	-0.604859	-1.681426	-0.445931
-2.35E-05	-0.554220	-1.876905	

ELEM 252 ========== LENGTH = 2.977627

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.004297	0.001546	-0.007281
3.97E-07	-0.007989	0.001041	
0.57744	-0.004297	0.001546	-0.007281
3.97E-07	-0.004935	0.000392	
0.71829	-0.004297	0.001546	-0.007281
3.97E-07	-0.001881	-0.000257	
0.85915	-0.004297	0.001546	-0.007281
3.97E-07	0.001172	-0.000905	
1.00000	-0.004297	0.001546	-0.007281
3.97E-07	0.004226	-0.001554	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.016958	0.033338	0.033582
-5.27E-07	0.036469	0.072703	
0.57744	-0.016958	0.033338	0.033582
-5.27E-07	0.022384	0.058720	
0.71829	-0.016958	0.033338	0.033582
-5.27E-07	0.008300	0.044738	
0.85915	-0.016958	0.033338	0.033582
-5.27E-07	-0.005785	0.030756	
1.00000	-0.016958	0.033338	0.033582
-5.27E-07	-0.019869	0.016774	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.101328	-0.178882	-0.116251
-2.21E-07	-0.126234	-0.365752	
0.57744	0.101328	-0.178882	-0.116251
-2.21E-07	-0.077477	-0.290728	
0.71829	0.101328	-0.178882	-0.116251
-2.21E-07	-0.028721	-0.215704	
0.85915	0.101328	-0.178882	-0.116251
-2.21E-07	0.020035	-0.140679	
1.00000	0.101328	-0.178882	-0.116251
-2.21E-07	0.068791	-0.065655	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.792832	1.127889	0.437189
3.24E-05	0.473901	2.401914	
0.57744	-0.792832	1.127889	0.437189
3.24E-05	0.290541	1.928869	
0.71829	-0.792832	1.127889	0.437189
3.24E-05	0.107181	1.455825	
0.85915	-0.792832	1.127889	0.437189
3.24E-05	-0.076179	0.982781	
1.00000	-0.792832	1.127889	0.437189
3.24E-05	-0.259539	0.509736	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.262098	-1.911934	-0.198800
-2.26E-05	-0.215017	-4.101992	
0.57744	1.262098	-1.911934	-0.198800
-2.26E-05	-0.131639	-3.300114	
0.71829	1.262098	-1.911934	-0.198800
-2.26E-05	-0.048261	-2.498236	
0.85915	1.262098	-1.911934	-0.198800
-2.26E-05	0.035117	-1.696357	
1.00000	1.262098	-1.911934	-0.198800
-2.26E-05	0.118494	-0.894479	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.549338	0.928043	-0.148440
-9.39E-06	-0.161130	1.992088	
0.57744	-0.549338	0.928043	-0.148440
-9.39E-06	-0.098874	1.602860	
0.71829	-0.549338	0.928043	-0.148440
-9.39E-06	-0.036617	1.213633	
0.85915	-0.549338	0.928043	-0.148440
-9.39E-06	0.025640	0.824405	
1.00000	-0.549338	0.928043	-0.148440
-9.39E-06	0.087896	0.435178	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.359129	-2.089270	-0.322331
-2.25E-05	-0.349240	-4.466704	
0.57744	1.359129	-2.089270	-0.322331
-2.25E-05	-0.214052	-3.590450	
0.71829	1.359129	-2.089270	-0.322331
-2.25E-05	-0.078864	-2.714196	
0.85915	1.359129	-2.089270	-0.322331
-2.25E-05	0.056324	-1.837942	
1.00000	1.359129	-2.089270	-0.322331
-2.25E-05	0.191512	-0.961688	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.359129	2.089270	0.322331
2.25E-05	0.349240	4.466704	
0.57744	-1.359129	2.089270	0.322331
2.25E-05	0.214052	3.590450	
0.71829	-1.359129	2.089270	0.322331
2.25E-05	0.078864	2.714196	
0.85915	-1.359129	2.089270	0.322331
2.25E-05	-0.056324	1.837942	
1.00000	-1.359129	2.089270	0.322331
2.25E-05	-0.191512	0.961688	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	1.359129	2.089270	0.437189
3.24E-05	0.473901	4.466704	
0.57744	1.359129	2.089270	0.437189
3.24E-05	0.290541	3.590450	
0.71829	1.359129	2.089270	0.437189
3.24E-05	0.107181	2.714196	
0.85915	1.359129	2.089270	0.437189
3.24E-05	0.056324	1.837942	
1.00000	1.359129	2.089270	0.437189
3.24E-05	0.191512	0.961688	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-1.359129	-2.089270	-0.322331
-2.26E-05	-0.349240	-4.466704	
0.57744	-1.359129	-2.089270	-0.322331
-2.26E-05	-0.214052	-3.590450	
0.71829	-1.359129	-2.089270	-0.322331
-2.26E-05	-0.078864	-2.714196	
0.85915	-1.359129	-2.089270	-0.322331
-2.26E-05	-0.076179	-1.837942	
1.00000	-1.359129	-2.089270	-0.322331
-2.26E-05	-0.259539	-0.961688	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 253 ========== LENGTH = 2.977613

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005420	-6.16E-05	-0.008187
1.38E-06	-0.004984	-0.001668	
0.14085	-0.005420	-6.16E-05	-0.008187
1.38E-06	-0.001550	-0.001642	
0.28170	-0.005420	-6.16E-05	-0.008187
1.38E-06	0.001884	-0.001616	
0.42256	-0.005420	-6.16E-05	-0.008187
1.38E-06	0.005318	-0.001591	
0.56341	-0.005420	-6.16E-05	-0.008187
1.38E-06	0.008752	-0.001565	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012448	0.041600	0.034715
-4.95E-06	0.024778	0.017398	
0.14085	-0.012448	0.041600	0.034715
-4.95E-06	0.006218	-4.90E-05	
0.28170	-0.012448	0.041600	0.034715
-4.95E-06	-0.008341	-0.017496	
0.42256	-0.012448	0.041600	0.034715
-4.95E-06	-0.022901	-0.034943	
0.56341	-0.012448	0.041600	0.034715
-4.95E-06	-0.037460	-0.052390	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.086268	-0.208264	-0.120118
1.51E-05	-0.071851	-0.067922	
0.14085	0.086268	-0.208264	-0.120118
1.51E-05	-0.021473	0.019425	
0.28170	0.086268	-0.208264	-0.120118
1.51E-05	0.028905	0.106772	
0.42256	0.086268	-0.208264	-0.120118
1.51E-05	0.079283	0.194118	
0.56341	0.086268	-0.208264	-0.120118
1.51E-05	0.129661	0.281465	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.736014	1.186773	0.450609
-2.64E-05	0.269762	0.518763	
0.14085	-0.736014	1.186773	0.450609
-2.64E-05	0.080776	0.021026	
0.28170	-0.736014	1.186773	0.450609
-2.64E-05	0.108211	-0.476710	
0.42256	-0.736014	1.186773	0.450609
-2.64E-05	-0.297198	-0.974446	
0.56341	-0.736014	1.186773	0.450609
-2.64E-05	-0.486184	-1.472183	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.259699	-1.967987	-0.207594
8.93E-06	-0.124636	-0.907751	
0.14085	1.259699	-1.967987	-0.207594
8.93E-06	-0.037570	-1.082371	
0.28170	1.259699	-1.967987	-0.207594
8.93E-06	0.049496	0.743010	
0.42256	1.259699	-1.967987	-0.207594
8.93E-06	0.136561	1.568390	
0.56341	1.259699	-1.967987	-0.207594
8.93E-06	0.223627	2.393770	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.592085	0.947940	-0.149423
5.95E-06	-0.089070	0.441180	
0.14085	-0.592085	0.947940	-0.149423
5.95E-06	-0.026402	0.043610	
0.28170	-0.592085	0.947940	-0.149423
5.95E-06	0.036267	-0.353959	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.592085	0.947940	-0.149423
5.95E-06	0.098936	-0.751528	
0.56341	-0.592085	0.947940	-0.149423
5.95E-06	0.161605	-1.149097	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.340547	-2.176313	-0.335900
2.54E-05	-0.201470	-0.977340	
0.14085	1.340547	-2.176313	-0.335900
2.54E-05	-0.060593	-0.064588	
0.28170	1.340547	-2.176313	-0.335900
2.54E-05	0.080285	0.848165	
0.42256	1.340547	-2.176313	-0.335900
2.54E-05	0.221162	1.760918	
0.56341	1.340547	-2.176313	-0.335900
2.54E-05	0.362040	2.673670	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.340547	2.176313	0.335900
-2.54E-05	0.201470	0.977340	
0.14085	-1.340547	2.176313	0.335900
-2.54E-05	0.060593	0.064588	
0.28170	-1.340547	2.176313	0.335900
-2.54E-05	-0.080285	-0.848165	
0.42256	-1.340547	2.176313	0.335900
-2.54E-05	-0.221162	-1.760918	
0.56341	-1.340547	2.176313	0.335900
-2.54E-05	-0.362040	-2.673670	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.340547	2.176313	0.450609
2.54E-05	0.269762	0.977340	
0.14085	1.340547	2.176313	0.450609
2.54E-05	0.080776	0.064588	
0.28170	1.340547	2.176313	0.450609
2.54E-05	0.080285	0.848165	
0.42256	1.340547	2.176313	0.450609
2.54E-05	0.221162	1.760918	
0.56341	1.340547	2.176313	0.450609
2.54E-05	0.362040	2.673670	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.340547	-2.176313	-0.335900
-2.64E-05	-0.201470	-0.977340	
0.14085	-1.340547	-2.176313	-0.335900
-2.64E-05	-0.060593	-0.082371	
0.28170	-1.340547	-2.176313	-0.335900
-2.64E-05	-0.108211	-0.848165	
0.42256	-1.340547	-2.176313	-0.335900
-2.64E-05	-0.297198	-1.760918	
0.56341	-1.340547	-2.176313	-0.335900
-2.64E-05	-0.486184	-2.673670	

ELEM 254 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.006203	0.006822	-0.007074
3.24E-07	-0.007507	0.001355	
0.57747	-0.006203	0.006822	-0.007074
3.24E-07	-0.004541	0.007404	
0.71831	-0.006203	0.006822	-0.007074
3.24E-07	-0.001575	0.004543	
0.85916	-0.006203	0.006822	-0.007074
3.24E-07	0.001392	0.001682	
1.00000	-0.006203	0.006822	-0.007074
3.24E-07	0.004358	-0.001179	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.016968	0.021194	0.031358
-7.67E-07	0.033019	0.049678	
0.57747	-0.016968	0.021194	0.031358
-7.67E-07	0.019869	0.040790	
0.71831	-0.016968	0.021194	0.031358
-7.67E-07	0.006719	0.031903	
0.85916	-0.016968	0.021194	0.031358
-7.67E-07	-0.006431	0.023015	
1.00000	-0.016968	0.021194	0.031358
-7.67E-07	-0.019581	0.014128	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.113066	-0.165602	-0.106914
1.46E-06	-0.112556	-0.334279	
0.57747	0.113066	-0.165602	-0.106914
1.46E-06	-0.067722	-0.254834	
0.71831	0.113066	-0.165602	-0.106914
1.46E-06	-0.022887	-0.195389	
0.85916	0.113066	-0.165602	-0.106914
1.46E-06	0.021947	-0.125944	
1.00000	0.113066	-0.165602	-0.106914
1.46E-06	0.066782	-0.056499	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.938672	1.292254	0.402210
1.86E-05	0.422802	2.563388	
0.57747	-0.938672	1.292254	0.402210
1.86E-05	0.254136	2.021483	
0.71831	-0.938672	1.292254	0.402210
1.86E-05	0.085469	1.479578	
0.85916	-0.938672	1.292254	0.402210
1.86E-05	-0.083197	0.937674	
1.00000	-0.938672	1.292254	0.402210
1.86E-05	-0.251863	0.395769	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.550454	-2.190961	-0.121491
-1.69E-06	-0.127344	-4.358010	
0.57747	1.550454	-2.190961	-0.121491
-1.69E-06	-0.076397	-3.439233	
0.71831	1.550454	-2.190961	-0.121491
-1.69E-06	-0.025450	-2.520456	
0.85916	1.550454	-2.190961	-0.121491
-1.69E-06	0.025497	-1.601680	
1.00000	1.550454	-2.190961	-0.121491
-1.69E-06	0.076444	-0.682903	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.701677	1.036294	-0.198089
-1.80E-05	-0.208413	2.068957	
0.57747	-0.701677	1.036294	-0.198089
-1.80E-05	-0.125345	1.634389	
0.71831	-0.701677	1.036294	-0.198089
-1.80E-05	-0.042276	1.199821	
0.85916	-0.701677	1.036294	-0.198089
-1.80E-05	0.040792	0.765252	
1.00000	-0.701677	1.036294	-0.198089
-1.80E-05	0.123861	0.330684	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.657317	-2.349741	-0.235479
9.24E-08	-0.247408	-4.682023	
0.57747	1.657317	-2.349741	-0.235479
9.24E-08	-0.148660	-3.696663	
0.71831	1.657317	-2.349741	-0.235479
9.24E-08	-0.049912	-2.711302	
0.85916	1.657317	-2.349741	-0.235479
9.24E-08	0.048836	-1.725942	
1.00000	1.657317	-2.349741	-0.235479
9.24E-08	0.147584	-0.740581	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
514

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.657317	2.349741	0.235479
-9.24E-08	0.247408	4.682023	
0.57747	-1.657317	2.349741	0.235479
-9.24E-08	0.148660	3.696663	
0.71831	-1.657317	2.349741	0.235479
-9.24E-08	0.049912	2.711302	
0.85916	-1.657317	2.349741	0.235479
-9.24E-08	-0.048836	1.725942	
1.00000	-1.657317	2.349741	0.235479
-9.24E-08	-0.147584	0.740581	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	1.657317	2.349741	0.402210
1.86E-05	0.422802	4.682023	
0.57747	1.657317	2.349741	0.402210
1.86E-05	0.254136	3.696663	
0.71831	1.657317	2.349741	0.402210
1.86E-05	0.085469	2.711302	
0.85916	1.657317	2.349741	0.402210
1.86E-05	0.048836	1.725942	
1.00000	1.657317	2.349741	0.402210
1.86E-05	0.147584	0.740581	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-1.657317	-2.349741	-0.235479
-1.80E-05	-0.247408	-4.682023	
0.57747	-1.657317	-2.349741	-0.235479
-1.80E-05	-0.148660	-3.696663	
0.71831	-1.657317	-2.349741	-0.235479
-1.80E-05	-0.049912	-2.711302	
0.85916	-1.657317	-2.349741	-0.235479
-1.80E-05	-0.083197	-1.725942	
1.00000	-1.657317	-2.349741	-0.235479
-1.80E-05	-0.251863	-0.740581	

ELEM 255 ========== LENGTH = 2.977377

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005860	0.006126	-0.007859
1.17E-06	-0.005011	-0.001294	
0.14084	-0.005860	0.006126	-0.007859
1.17E-06	-0.001715	-0.003863	
0.28169	-0.005860	0.006126	-0.007859
1.17E-06	0.001580	-0.006431	
0.42253	-0.005860	0.006126	-0.007859
1.17E-06	0.004876	-0.009000	
0.56337	-0.005860	0.006126	-0.007859
1.17E-06	0.008171	-0.011569	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019091	0.025836	0.032324
-4.28E-06	0.020367	0.014763	
0.14084	-0.019091	0.025836	0.032324
-4.28E-06	0.006813	0.003929	
0.28169	-0.019091	0.025836	0.032324
-4.28E-06	-0.006742	-0.006905	
0.42253	-0.019091	0.025836	0.032324
-4.28E-06	-0.020297	-0.017739	
0.56337	-0.019091	0.025836	0.032324
-4.28E-06	-0.033852	-0.028573	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.121308	-0.183506	-0.109946
1.33E-05	-0.069243	-0.058813	
0.14084	0.121308	-0.183506	-0.109946
1.33E-05	-0.023138	0.018139	
0.28169	0.121308	-0.183506	-0.109946
1.33E-05	0.022967	0.095091	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
515

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.121308	-0.183506	-0.109946
1.33E-05	0.069072	0.172043	
0.56337	0.121308	-0.183506	-0.109946
1.33E-05	0.115178	0.248996	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.963185	1.261506	0.408811
-2.52E-05	0.257086	0.403599	
0.14084	-0.963185	1.261506	0.408811
-2.52E-05	0.085653	-0.125406	
0.28169	-0.963185	1.261506	0.408811
-2.52E-05	-0.085779	-0.654411	
0.42253	-0.963185	1.261506	0.408811
-2.52E-05	-0.257211	-1.183416	
0.56337	-0.963185	1.261506	0.408811
-2.52E-05	-0.428644	-1.712421	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.581273	-2.088085	-0.119819
1.23E-05	-0.074938	-0.693650	
0.14084	1.581273	-2.088085	-0.119819
1.23E-05	-0.024693	0.181976	
0.28169	1.581273	-2.088085	-0.119819
1.23E-05	0.025552	1.057603	
0.42253	1.581273	-2.088085	-0.119819
1.23E-05	0.075798	1.933229	
0.56337	1.581273	-2.088085	-0.119819
1.23E-05	0.126043	2.808855	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.714445	0.978125	-0.203511
2.80E-06	-0.128261	0.335395	
0.14084	-0.714445	0.978125	-0.203511
2.80E-06	-0.042920	-0.074776	
0.28169	-0.714445	0.978125	-0.203511
2.80E-06	0.042422	-0.484947	
0.42253	-0.714445	0.978125	-0.203511
2.80E-06	0.127763	-0.895118	
0.56337	-0.714445	0.978125	-0.203511
2.80E-06	0.213104	-1.305289	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.696720	-2.265466	-0.237624
2.67E-05	-0.149192	-0.753757	
0.14084	1.696720	-2.265466	-0.237624
2.67E-05	-0.049546	0.196253	
0.28169	1.696720	-2.265466	-0.237624
2.67E-05	0.050100	1.146262	
0.42253	1.696720	-2.265466	-0.237624
2.67E-05	0.149746	2.096272	
0.56337	1.696720	-2.265466	-0.237624
2.67E-05	0.249392	3.046282	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.696720	2.265466	0.237624
-2.67E-05	0.149192	0.753757	
0.14084	-1.696720	2.265466	0.237624
-2.67E-05	0.049546	-0.196253	
0.28169	-1.696720	2.265466	0.237624
-2.67E-05	-0.050100	-1.146262	
0.42253	-1.696720	2.265466	0.237624
-2.67E-05	-0.149746	-2.096272	
0.56337	-1.696720	2.265466	0.237624
-2.67E-05	-0.249392	-3.046282	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.696720	2.265466	0.408811
2.67E-05	0.257086	0.753757	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
516

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	1.696720	2.265466	0.408811
2.67E-05	0.085653	0.196253	
0.28169	1.696720	2.265466	0.408811
2.67E-05	0.050100	1.146262	
0.42253	1.696720	2.265466	0.408811
2.67E-05	0.149746	2.096272	
0.56337	1.696720	2.265466	0.408811
2.67E-05	0.249392	3.046282	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.696720	-2.265466	-0.237624
-2.67E-05	-0.149192	-0.753757	
0.14084	-1.696720	-2.265466	-0.237624
-2.67E-05	-0.049546	-0.196253	
0.28169	-1.696720	-2.265466	-0.237624
-2.67E-05	-0.085779	-1.146262	
0.42253	-1.696720	-2.265466	-0.237624
-2.67E-05	-0.257211	-2.096272	
0.56337	-1.696720	-2.265466	-0.237624
-2.67E-05	-0.428644	-3.046282	

ELEM 256 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.005814	0.008490	-0.005841
2.00E-07	-0.006404	0.014011	
0.57749	-0.005814	0.008490	-0.005841
2.00E-07	-0.003955	0.010452	
0.71833	-0.005814	0.008490	-0.005841
2.00E-07	-0.001505	0.006892	
0.85916	-0.005814	0.008490	-0.005841
2.00E-07	0.000944	0.003332	
1.00000	-0.005814	0.008490	-0.005841
2.00E-07	0.003393	-0.000228	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.010149	0.012414	0.024646
-7.92E-07	0.026785	0.036774	
0.57749	-0.010149	0.012414	0.024646
-7.92E-07	0.016451	0.031569	
0.71833	-0.010149	0.012414	0.024646
-7.92E-07	0.006117	0.026364	
0.85916	-0.010149	0.012414	0.024646
-7.92E-07	0.004217	0.021158	
1.00000	-0.010149	0.012414	0.024646
-7.92E-07	-0.014551	0.015953	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.078216	-0.122587	-0.082006
2.41E-06	-0.089100	-0.278074	
0.57749	0.078216	-0.122587	-0.082006
2.41E-06	-0.054715	-0.226674	
0.71833	0.078216	-0.122587	-0.082006
2.41E-06	-0.020331	-0.175273	
0.85916	0.078216	-0.122587	-0.082006
2.41E-06	0.014054	-0.123872	
1.00000	0.078216	-0.122587	-0.082006
2.41E-06	0.048439	-0.072471	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.715799	1.122943	0.314435
8.37E-06	0.340681	2.397201	
0.57749	-0.715799	1.122943	0.314435
8.37E-06	0.208839	1.926352	
0.71833	-0.715799	1.122943	0.314435
8.37E-06	0.076997	1.455503	
0.85916	-0.715799	1.122943	0.314435
8.37E-06	-0.054846	0.984654	
1.00000	-0.715799	1.122943	0.314435
8.37E-06	-0.186688	0.513806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
517

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.249134	-1.876434	-0.027362
1.82E-05	-0.029310	-4.011718	
0.57749	1.249134	-1.876434	-0.027362
1.82E-05	-0.017837	-3.224931	
0.71833	1.249134	-1.876434	-0.027362
1.82E-05	-0.006364	-2.438145	
0.85916	1.249134	-1.876434	-0.027362
1.82E-05	0.005110	-1.651358	
1.00000	1.249134	-1.876434	-0.027362
1.82E-05	0.016583	-0.864571	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.595587	0.855174	-0.223872
-2.84E-05	-0.242653	1.841406	
0.57749	-0.595587	0.855174	-0.223872
-2.84E-05	-0.148784	1.483232	
0.71833	-0.595587	0.855174	-0.223872
-2.84E-05	-0.054915	1.124659	
0.85916	-0.595587	0.855174	-0.223872
-2.84E-05	0.038955	0.766086	
1.00000	-0.595587	0.855174	-0.223872
-2.84E-05	0.132824	0.407512	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.321535	-1.990531	-0.115209
2.08E-05	-0.124814	-4.275781	
0.57749	1.321535	-1.990531	-0.115209
2.08E-05	-0.076507	-3.441153	
0.71833	1.321535	-1.990531	-0.115209
2.08E-05	-0.028199	-2.606526	
0.85916	1.321535	-1.990531	-0.115209
2.08E-05	0.020108	-1.771898	
1.00000	1.321535	-1.990531	-0.115209
2.08E-05	0.068415	-0.937271	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.321535	1.990531	0.115209
-2.08E-05	0.124814	4.275781	
0.57749	-1.321535	1.990531	0.115209
-2.08E-05	0.076507	3.441153	
0.71833	-1.321535	1.990531	0.115209
-2.08E-05	0.028199	2.606526	
0.85916	-1.321535	1.990531	0.115209
-2.08E-05	-0.020108	1.771898	
1.00000	-1.321535	1.990531	0.115209
-2.08E-05	-0.068415	0.937271	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.321535	1.990531	0.314435
2.08E-05	0.340681	4.275781	
0.57749	1.321535	1.990531	0.314435
2.08E-05	0.208839	3.441153	
0.71833	1.321535	1.990531	0.314435
2.08E-05	0.076997	2.606526	
0.85916	1.321535	1.990531	0.314435
2.08E-05	0.038955	1.771898	
1.00000	1.321535	1.990531	0.314435
2.08E-05	0.132824	0.937271	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.321535	-1.990531	-0.223872
-2.84E-05	-0.242653	-4.275781	
0.57749	-1.321535	-1.990531	-0.223872
-2.84E-05	-0.148784	-3.441153	
0.71833	-1.321535	-1.990531	-0.223872
-2.84E-05	-0.054915	-2.606526	
0.85916	-1.321535	-1.990531	-0.223872
-2.84E-05	-0.054846	-1.771898	
1.00000	-1.321535	-1.990531	-0.223872
-2.84E-05	-0.186688	-0.937271	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
518

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 257 ========== LENGTH = 2.978250

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004361	0.007805	-0.006529
9.90E-07	-0.003965	-0.000393	
0.14088	-0.004361	0.007805	-0.006529
9.90E-07	-0.001226	-0.003668	
0.28175	-0.004361	0.007805	-0.006529
9.90E-07	0.001513	-0.006943	
0.42263	-0.004361	0.007805	-0.006529
9.90E-07	0.004253	-0.010218	
0.56350	-0.004361	0.007805	-0.006529
9.90E-07	0.006992	-0.013492	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016637	0.015550	0.025412
-3.74E-06	0.018503	0.078655	
0.14088	-0.016637	0.015550	0.025412
-3.74E-06	0.004542	0.010331	
0.28175	-0.016637	0.015550	0.025412
-3.74E-06	-0.006120	0.003807	
0.42263	-0.016637	0.015550	0.025412
-3.74E-06	-0.016782	-0.002717	
0.56350	-0.016637	0.015550	0.025412
-3.74E-06	-0.027444	-0.009241	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100699	-0.133248	-0.084064
1.18E-05	-0.050242	-0.075753	
0.14088	0.100699	-0.133248	-0.084064
1.18E-05	-0.014972	-0.019847	
0.28175	0.100699	-0.133248	-0.084064
1.18E-05	0.020298	0.036059	
0.42263	0.100699	-0.133248	-0.084064
1.18E-05	0.055568	0.091965	
0.56350	0.100699	-0.133248	-0.084064
1.18E-05	0.090838	0.147871	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.798774	1.152602	0.313539
-2.66E-05	0.186539	0.524856	
0.14088	-0.798774	1.152602	0.313539
-2.66E-05	0.054990	0.041267	
0.28175	-0.798774	1.152602	0.313539
-2.66E-05	-0.076559	-0.442321	
0.42263	-0.798774	1.152602	0.313539
-2.66E-05	-0.208108	-0.925910	
0.56350	-0.798774	1.152602	0.313539
-2.66E-05	-0.339657	-1.409499	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.288370	-1.914749	-0.014990
1.60E-05	-0.007240	-0.879726	
0.14088	1.288370	-1.914749	-0.014990
1.60E-05	-0.000950	-0.076369	
0.28175	1.288370	-1.914749	-0.014990
1.60E-05	0.005339	0.726988	
0.42263	1.288370	-1.914749	-0.014990
1.60E-05	0.011628	1.530345	
0.56350	1.288370	-1.914749	-0.014990
1.60E-05	0.017917	2.333702	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.569298	0.872040	-0.233367
1.61E-06	-0.140295	0.414160	
0.14088	-0.569298	0.872040	-0.233367
1.61E-06	-0.042383	0.048285	
0.28175	-0.569298	0.872040	-0.233367
1.61E-06	0.055529	-0.317590	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
519

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42263	-0.569298	0.872040	-0.233367
1.61E-06	0.153441	-0.683465	
0.56350	-0.569298	0.872040	-0.233367
1.61E-06	0.251354	-1.049341	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.384709	-2.040192	-0.105583
2.88E-05	-0.061448	-0.955872	
0.14088	1.384709	-2.040192	-0.105583
2.88E-05	-0.017149	-0.099884	
0.28175	1.384709	-2.040192	-0.105583
2.88E-05	0.027150	0.756104	
0.42263	1.384709	-2.040192	-0.105583
2.88E-05	0.071449	1.612092	
0.56350	1.384709	-2.040192	-0.105583
2.88E-05	0.115748	2.468080	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.384709	2.040192	0.105583
-2.88E-05	0.061448	0.955872	
0.14088	-1.384709	2.040192	0.105583
-2.88E-05	0.017149	0.099884	
0.28175	-1.384709	2.040192	0.105583
-2.88E-05	-0.027150	-0.756104	
0.42263	-1.384709	2.040192	0.105583
-2.88E-05	-0.071449	-1.612092	
0.56350	-1.384709	2.040192	0.105583
-2.88E-05	-0.115748	-2.468080	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.384709	2.040192	0.313539
2.88E-05	0.186539	0.955872	
0.14088	1.384709	2.040192	0.313539
2.88E-05	0.054990	0.099884	
0.28175	1.384709	2.040192	0.313539
2.88E-05	0.055529	0.756104	
0.42263	1.384709	2.040192	0.313539
2.88E-05	0.153441	1.612092	
0.56350	1.384709	2.040192	0.313539
2.88E-05	0.251354	2.468080	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.384709	-2.040192	-0.233367
-2.88E-05	-0.140295	-0.955872	
0.14088	-1.384709	-2.040192	-0.233367
-2.88E-05	-0.042383	-0.099884	
0.28175	-1.384709	-2.040192	-0.233367
-2.88E-05	-0.076559	-0.756104	
0.42263	-1.384709	-2.040192	-0.233367
-2.88E-05	-0.208108	-1.612092	
0.56350	-1.384709	-2.040192	-0.233367
-2.88E-05	-0.339657	-2.468080	

ELEM 258 ========== LENGTH = 2.977458

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.002678	0.005758	-0.004350
8.64E-08	-0.004941	0.009183	
0.57746	-0.002678	0.005758	-0.004350
8.64E-08	-0.003117	0.006768	
0.71831	-0.002678	0.005758	-0.004350
8.64E-08	-0.001292	0.004354	
0.85915	-0.002678	0.005758	-0.004350
8.64E-08	0.000532	0.001939	
1.00000	-0.002678	0.005758	-0.004350
8.64E-08	0.002356	-0.000476	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
520

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.003223	0.011596	0.016257
-6.70E-07	0.018292	0.040074	
0.57746	-0.003223	0.011596	0.016257
-6.70E-07	0.011475	0.035211	
0.71831	-0.003223	0.011596	0.016257
-6.70E-07	0.004657	0.030348	
0.85915	-0.003223	0.011596	0.016257
-6.70E-07	-0.002161	0.025485	
1.00000	-0.003223	0.011596	0.016257
-6.70E-07	-0.008978	0.020622	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.027560	-0.094511	-0.050637
2.59E-06	-0.056969	-0.252983	
0.57746	0.027560	-0.094511	-0.050637
2.59E-06	-0.035733	-0.213349	
0.71831	0.027560	-0.094511	-0.050637
2.59E-06	-0.014498	-0.173714	
0.85915	0.027560	-0.094511	-0.050637
2.59E-06	0.006737	-0.134080	
1.00000	0.027560	-0.094511	-0.050637
2.59E-06	0.027973	-0.094445	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.314364	0.848973	0.203329
2.52E-06	0.227330	1.950909	
0.57746	-0.314364	0.848973	0.203329
2.52E-06	0.142062	1.594879	
0.71831	-0.314364	0.848973	0.203329
2.52E-06	0.056793	1.238850	
0.85915	-0.314364	0.848973	0.203329
2.52E-06	-0.028476	0.882821	
1.00000	-0.314364	0.848973	0.203329
2.52E-06	-0.113745	0.526792	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.553612	-1.431381	0.098717
3.15E-05	0.111877	-3.234690	
0.57746	0.553612	-1.431381	0.098717
3.15E-05	0.070479	-2.634420	
0.71831	0.553612	-1.431381	0.098717
3.15E-05	0.029081	-2.034149	
0.85915	0.553612	-1.431381	0.098717
3.15E-05	-0.012318	-1.433879	
1.00000	0.553612	-1.431381	0.098717
3.15E-05	-0.053716	-0.833609	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.260908	0.659564	-0.263315
-3.60E-05	-0.295590	1.487507	
0.57746	-0.260908	0.659564	-0.263315
-3.60E-05	-0.185165	1.210910	
0.71831	-0.260908	0.659564	-0.263315
-3.60E-05	-0.074740	0.934312	
0.85915	-0.260908	0.659564	-0.263315
-3.60E-05	0.035685	0.657714	
1.00000	-0.260908	0.659564	-0.263315
-3.60E-05	0.146110	0.381116	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.578494	-1.520134	0.043730
3.42E-05	0.049968	-3.478490	
0.57746	0.578494	-1.520134	0.043730
3.42E-05	0.031629	-2.841000	
0.71831	0.578494	-1.520134	0.043730
3.42E-05	0.013290	-2.203510	
0.85915	0.578494	-1.520134	0.043730
3.42E-05	-0.005048	-1.566020	
1.00000	0.578494	-1.520134	0.043730
3.42E-05	-0.023387	-0.928530	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
521

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.578494	1.520134	-0.043730
-3.42E-05	-0.049968	3.478490	
0.57746	-0.578494	1.520134	-0.043730
-3.42E-05	-0.031629	2.841000	
0.71831	-0.578494	1.520134	-0.043730
-3.42E-05	-0.013290	2.203510	
0.85915	-0.578494	1.520134	-0.043730
-3.42E-05	0.005048	1.566020	
1.00000	-0.578494	1.520134	-0.043730
-3.42E-05	0.023387	0.928530	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.578494	1.520134	0.203329
3.42E-05	0.227330	3.478490	
0.57746	0.578494	1.520134	0.203329
3.42E-05	0.142062	2.841000	
0.71831	0.578494	1.520134	0.203329
3.42E-05	0.056793	2.203510	
0.85915	0.578494	1.520134	0.203329
3.42E-05	0.035685	1.566020	
1.00000	0.578494	1.520134	0.203329
3.42E-05	0.146110	0.928530	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.578494	-1.520134	-0.263315
-3.60E-05	-0.295590	-3.478490	
0.57746	-0.578494	-1.520134	-0.263315
-3.60E-05	-0.185165	-2.841000	
0.71831	-0.578494	-1.520134	-0.263315
-3.60E-05	-0.074740	-2.203510	
0.85915	-0.578494	-1.520134	-0.263315
-3.60E-05	-0.028476	-1.566020	
1.00000	-0.578494	-1.520134	-0.263315
-3.60E-05	-0.113745	-0.928530	

ELEM 259 ========== LENGTH = 2.977431

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002404	0.004692	-0.004930
7.32E-07	-0.002835	-0.000659	
0.14085	-0.002404	0.004692	-0.004930
7.32E-07	-0.000768	-0.002627	
0.28169	-0.002404	0.004692	-0.004930
7.32E-07	0.001300	-0.004594	
0.42254	-0.002404	0.004692	-0.004930
7.32E-07	0.003367	-0.006562	
0.56338	-0.002404	0.004692	-0.004930
7.32E-07	0.005435	-0.008529	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004950	0.017651	0.017087
-2.99E-06	0.009672	0.021634	
0.14085	-0.004950	0.017651	0.017087
-2.99E-06	0.002506	0.014231	
0.28169	-0.004950	0.017651	0.017087
-2.99E-06	-0.004659	0.006829	
0.42254	-0.004950	0.017651	0.017087
-2.99E-06	-0.011825	-0.000573	
0.56338	-0.004950	0.017651	0.017087
-2.99E-06	-0.018990	-0.007975	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034230	-0.116791	-0.053026
9.77E-06	-0.030009	-0.098133	
0.14085	0.034230	-0.116791	-0.053026
9.77E-06	-0.007772	-0.049156	
0.28169	0.034230	-0.116791	-0.053026
9.77E-06	0.014465	-0.000179	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
522

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	0.034230	-0.116791	-0.053026
9.77E-06	0.037402	0.048798	
0.56338	0.034230	-0.116791	-0.053026
9.77E-06	0.058939	0.097775	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.337824	0.926760	0.201918
-2.88E-05	0.112957	0.539289	
0.14085	-0.337824	0.926760	0.201918
-2.88E-05	0.028281	0.150645	
0.28169	-0.337824	0.926760	0.201918
-2.88E-05	-0.056395	-0.237999	
0.42254	-0.337824	0.926760	0.201918
-2.88E-05	-0.141071	-0.626643	
0.56338	-0.337824	0.926760	0.201918
-2.88E-05	-0.225747	-1.015287	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.589180	-1.539210	0.113566
2.20E-05	0.065130	-0.850786	
0.14085	0.589180	-1.539210	0.113566
2.20E-05	0.017505	-0.205307	
0.28169	0.589180	-1.539210	0.113566
2.20E-05	-0.030120	0.440173	
0.42254	0.589180	-1.539210	0.113566
2.20E-05	-0.077745	1.085653	
0.56338	0.589180	-1.539210	0.113566
2.20E-05	-0.125370	1.731133	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.278233	0.706897	-0.274615
-6.65E-07	-0.154915	0.388656	
0.14085	-0.278233	0.706897	-0.274615
-6.65E-07	-0.039753	0.092213	
0.28169	-0.278233	0.706897	-0.274615
-6.65E-07	0.075409	-0.204230	
0.42254	-0.278233	0.706897	-0.274615
-6.65E-07	0.190570	-0.500673	
0.56338	-0.278233	0.706897	-0.274615
-6.65E-07	0.305732	-0.797116	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.621006	-1.651309	0.055610
3.25E-05	0.032286	-0.949579	
0.14085	0.621006	-1.651309	0.055610
3.25E-05	0.008966	-0.257089	
0.28169	0.621006	-1.651309	0.055610
3.25E-05	-0.014355	0.435400	
0.42254	0.621006	-1.651309	0.055610
3.25E-05	-0.037675	1.127889	
0.56338	0.621006	-1.651309	0.055610
3.25E-05	-0.060995	1.820379	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.621006	1.651309	-0.055610
-3.25E-05	-0.032286	0.949579	
0.14085	-0.621006	1.651309	-0.055610
-3.25E-05	-0.008966	0.257089	
0.28169	-0.621006	1.651309	-0.055610
-3.25E-05	0.014355	-0.435400	
0.42254	-0.621006	1.651309	-0.055610
-3.25E-05	0.037675	-1.127889	
0.56338	-0.621006	1.651309	-0.055610
-3.25E-05	0.060995	-1.820379	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.621006	1.651309	0.201918
3.25E-05	0.112957	0.949579	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
523

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.621006	1.651309	0.201918
3.25E-05	0.028281	0.257089	
0.28169	0.621006	1.651309	0.201918
3.25E-05	0.075409	0.440173	
0.42254	0.621006	1.651309	0.201918
3.25E-05	0.190570	1.127889	
0.56338	0.621006	1.651309	0.201918
3.25E-05	0.305732	1.820379	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.621006	-1.651309	-0.274615
-3.25E-05	-0.154915	-0.949579	
0.14085	-0.621006	-1.651309	-0.274615
-3.25E-05	-0.039753	-0.257089	
0.28169	-0.621006	-1.651309	-0.274615
-3.25E-05	-0.056395	-0.435400	
0.42254	-0.621006	-1.651309	-0.274615
-3.25E-05	-0.141071	-1.127889	
0.56338	-0.621006	-1.651309	-0.274615
-3.25E-05	-0.225747	-1.820379	

ELEM 260 ========== LENGTH = 2.977796

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.001109	0.002841	-0.003303
2.33E-08	-0.003748	0.003680	
0.57742	-0.001109	0.002841	-0.003303
2.33E-08	-0.002362	0.002489	
0.71828	-0.001109	0.002841	-0.003303
2.33E-08	-0.000977	0.001297	
0.85914	-0.001109	0.002841	-0.003303
2.33E-08	0.000409	0.000105	
1.00000	-0.001109	0.002841	-0.003303
2.33E-08	0.001794	-0.001086	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.002578	0.011050	0.009755
-6.59E-07	0.010995	0.040386	
0.57742	0.002578	0.011050	0.009755
-6.59E-07	0.006903	0.035751	
0.71828	0.002578	0.011050	0.009755
-6.59E-07	0.002811	0.031116	
0.85914	0.002578	0.011050	0.009755
-6.59E-07	-0.001281	0.026481	
1.00000	0.002578	0.011050	0.009755
-6.59E-07	-0.005373	0.021846	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.007577	-0.071225	-0.025675
2.97E-06	-0.028991	-0.216646	
0.57742	-0.007577	-0.071225	-0.025675
2.97E-06	-0.018222	-0.186771	
0.71828	-0.007577	-0.071225	-0.025675
2.97E-06	-0.007453	-0.156896	
0.85914	-0.007577	-0.071225	-0.025675
2.97E-06	0.003316	-0.127021	
1.00000	-0.007577	-0.071225	-0.025675
2.97E-06	0.014085	-0.097146	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.044939	0.574879	0.116626
-2.71E-06	0.129802	1.361349	
0.57742	-0.044939	0.574879	0.116626
-2.71E-06	0.080884	1.120217	
0.71828	-0.044939	0.574879	0.116626
-2.71E-06	0.031965	0.879085	
0.85914	-0.044939	0.574879	0.116626
-2.71E-06	-0.016953	0.637952	
1.00000	-0.044939	0.574879	0.116626
-2.71E-06	-0.065872	0.396820	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
524

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.116079	-0.972595	0.218943
4.08E-05	0.246507	-2.203524	
0.57742	0.116079	-0.972595	0.218943
4.08E-05	0.154672	-1.795570	
0.71828	0.116079	-0.972595	0.218943
4.08E-05	0.062836	-1.387616	
0.85914	0.116079	-0.972595	0.218943
4.08E-05	-0.028999	-0.979662	
1.00000	0.116079	-0.972595	0.218943
4.08E-05	-0.120835	-0.571708	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.065032	0.455049	-0.316347
-4.05E-05	-0.354565	1.014754	
0.57742	-0.065032	0.455049	-0.316347
-4.05E-05	-0.221874	0.823884	
0.71828	-0.065032	0.455049	-0.316347
-4.05E-05	-0.089182	0.633014	
0.85914	-0.065032	0.455049	-0.316347
-4.05E-05	0.043509	0.442144	
1.00000	-0.065032	0.455049	-0.316347
-4.05E-05	0.176200	0.251274	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.107393	-1.040978	0.189966
4.38E-05	0.213768	-2.416489	
0.57742	0.107393	-1.040978	0.189966
4.38E-05	0.134087	-1.979852	
0.71828	0.107393	-1.040978	0.189966
4.38E-05	0.054406	-1.543215	
0.85914	0.107393	-1.040978	0.189966
4.38E-05	0.025275	-1.106578	
1.00000	0.107393	-1.040978	0.189966
4.38E-05	-0.104956	-0.669940	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.107393	1.040978	-0.189966
-4.38E-05	-0.213768	2.416489	
0.57742	-0.107393	1.040978	-0.189966
-4.38E-05	-0.134087	1.979852	
0.71828	-0.107393	1.040978	-0.189966
-4.38E-05	-0.054406	1.543215	
0.85914	-0.107393	1.040978	-0.189966
-4.38E-05	0.025275	1.106578	
1.00000	-0.107393	1.040978	-0.189966
-4.38E-05	0.104956	0.669940	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.116079	1.040978	0.218943
4.38E-05	0.246507	2.416489	
0.57742	0.116079	1.040978	0.218943
4.38E-05	0.154672	1.979852	
0.71828	0.116079	1.040978	0.218943
4.38E-05	0.062836	1.543215	
0.85914	0.116079	1.040978	0.218943
4.38E-05	0.043509	1.106578	
1.00000	0.116079	1.040978	0.218943
4.38E-05	0.176200	0.669940	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.107393	-1.040978	-0.316347
-4.38E-05	-0.354565	-2.416489	
0.57742	-0.107393	-1.040978	-0.316347
-4.38E-05	-0.221874	-1.979852	
0.71828	-0.107393	-1.040978	-0.316347
-4.38E-05	-0.089182	-1.543215	
0.85914	-0.107393	-1.040978	-0.316347
-4.38E-05	-0.028999	-1.106578	
1.00000	-0.107393	-1.040978	-0.316347
-4.38E-05	-0.120835	-0.669940	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
525

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 261 ========== LENGTH = 2.976771

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000895	0.003268	-0.003800
4.76E-07	-0.002204	-0.001251	
0.14085	-0.000895	0.003268	-0.003800
4.76E-07	-0.000611	-0.002621	
0.28164	-0.000895	0.003268	-0.003800
4.76E-07	0.000982	-0.003991	
0.42246	-0.000895	0.003268	-0.003800
4.76E-07	0.002575	-0.005361	
0.56329	-0.000895	0.003268	-0.003800
4.76E-07	0.004168	-0.006731	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001278	0.008715	0.010726
-1.93E-06	0.003175	0.023753	
0.14082	0.001278	0.008715	0.010726
-1.93E-06	0.001679	0.019100	
0.28164	0.001278	0.008715	0.010726
-1.93E-06	-0.002817	0.015447	
0.42246	0.001278	0.008715	0.010726
-1.93E-06	-0.007313	0.011794	
0.56329	0.001278	0.008715	0.010726
-1.93E-06	-0.011809	0.008141	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002578	-0.062739	-0.028746
6.25E-06	-0.016648	-0.100454	
0.14082	-0.002578	-0.062739	-0.028746
6.25E-06	-0.004598	-0.074154	
0.28164	-0.002578	-0.062739	-0.028746
6.25E-06	0.007452	-0.047855	
0.42246	-0.002578	-0.062739	-0.028746
6.25E-06	0.019502	-0.021555	
0.56329	-0.002578	-0.062739	-0.028746
6.25E-06	0.031553	0.004744	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.062592	0.546539	0.115982
-2.15E-05	0.065410	0.408048	
0.14082	-0.062592	0.546539	0.115982
-2.15E-05	0.016791	0.178943	
0.28164	-0.062592	0.546539	0.115982
-2.15E-05	-0.031828	-0.050162	
0.42246	-0.062592	0.546539	0.115982
-2.15E-05	-0.080447	-0.279267	
0.56329	-0.062592	0.546539	0.115982
-2.15E-05	-0.129066	-0.508372	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140396	-0.933893	0.234630
1.50E-05	0.133189	-0.587145	
0.14082	0.140396	-0.933893	0.234630
1.50E-05	0.034834	-0.196664	
0.28164	0.140396	-0.933893	0.234630
1.50E-05	-0.063521	0.195818	
0.42246	0.140396	-0.933893	0.234630
1.50E-05	-0.161877	0.587299	
0.56329	0.140396	-0.933893	0.234630
1.50E-05	-0.260232	0.978780	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075610	0.438110	-0.328792
1.76E-06	-0.185923	0.258048	
0.14082	-0.075610	0.438110	-0.328792
1.76E-06	-0.048095	0.074395	
0.28164	-0.075610	0.438110	-0.328792
1.76E-06	0.089732	-0.109257	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
526

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42246	-0.075610	0.438110	-0.328792
1.76E-06	0.227559	-0.292910	
0.56329	-0.075610	0.438110	-0.328792
1.76E-06	0.365386	-0.476563	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.136924	-0.993364	0.202084
2.17E-05	0.114337	-0.688850	
0.14082	0.136924	-0.993364	0.202084
2.17E-05	0.029625	-0.272439	
0.28164	0.136924	-0.993364	0.202084
2.17E-05	-0.055087	0.143972	
0.42246	0.136924	-0.993364	0.202084
2.17E-05	-0.139799	0.560383	
0.56329	0.136924	-0.993364	0.202084
2.17E-05	-0.224511	0.976793	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136924	0.993364	-0.202084
-2.17E-05	-0.114337	0.688850	
0.14082	-0.136924	0.993364	-0.202084
-2.17E-05	-0.029625	0.272439	
0.28164	-0.136924	0.993364	-0.202084
-2.17E-05	0.055087	-0.143972	
0.42246	-0.136924	0.993364	-0.202084
-2.17E-05	0.139799	-0.560383	
0.56329	-0.136924	0.993364	-0.202084
-2.17E-05	0.224511	-0.976793	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.140396	0.993364	0.234630
2.17E-05	0.133189	0.688850	
0.14082	0.140396	0.993364	0.234630
2.17E-05	0.034834	0.272439	
0.28164	0.140396	0.993364	0.234630
2.17E-05	0.089732	0.195818	
0.42246	0.140396	0.993364	0.234630
2.17E-05	0.227559	0.587299	
0.56329	0.140396	0.993364	0.234630
2.17E-05	0.365386	0.978780	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.136924	-0.993364	-0.328792
-2.17E-05	-0.185923	-0.688850	
0.14082	-0.136924	-0.993364	-0.328792
-2.17E-05	-0.048095	-0.272439	
0.28164	-0.136924	-0.993364	-0.328792
-2.17E-05	-0.063521	-0.143972	
0.42246	-0.136924	-0.993364	-0.328792
-2.17E-05	-0.161877	-0.560383	
0.56329	-0.136924	-0.993364	-0.328792
-2.17E-05	-0.260232	-0.976793	

ELEM 262 ========== LENGTH = 2.977216

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.000111	0.002501	-0.002302
-3.74E-08	-0.002625	0.007607	
0.57749	-0.000111	0.002501	-0.002302
-3.74E-08	-0.001660	-0.000441	
0.71832	-0.000111	0.002501	-0.002302
-3.74E-08	-0.000694	-0.001490	
0.85916	-0.000111	0.002501	-0.002302
-3.74E-08	0.000271	-0.002539	
1.00000	-0.000111	0.002501	-0.002302
-3.74E-08	0.001236	-0.003587	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
527

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.002099	0.001624	0.003677
-5.15E-07	0.004238	0.034426	
0.57749	0.002099	0.001624	0.003677
-5.15E-07	0.002696	0.033745	
0.71832	0.002099	0.001624	0.003677
-5.15E-07	0.001155	0.033064	
0.85916	0.002099	0.001624	0.003677
-5.15E-07	-0.000387	0.032383	
1.00000	0.002099	0.001624	0.003677
-5.15E-07	-0.001929	0.031702	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.009841	-0.023467	-0.002469
2.70E-06	-0.003204	-0.168286	
0.57749	-0.009841	-0.023467	-0.002469
2.70E-06	-0.002169	-0.158446	
0.71832	-0.009841	-0.023467	-0.002469
2.70E-06	-0.001134	-0.148606	
0.85916	-0.009841	-0.023467	-0.002469
2.70E-06	-9.89E-05	-0.138766	
1.00000	-0.009841	-0.023467	-0.002469
2.70E-06	0.000936	-0.128927	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.055531	0.278824	0.037807
-3.70E-06	0.041645	0.787790	
0.57749	0.055531	0.278824	0.037807
-3.70E-06	0.025792	0.670878	
0.71832	0.055531	0.278824	0.037807
-3.70E-06	0.009939	0.553966	
0.85916	0.055531	0.278824	0.037807
-3.70E-06	-0.005914	0.437054	
1.00000	0.055531	0.278824	0.037807
-3.70E-06	-0.021766	0.320142	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.070897	-0.503159	0.326202
4.34E-05	0.366591	-1.201310	
0.57749	-0.070897	-0.503159	0.326202
4.34E-05	0.229813	-0.990333	
0.71832	-0.070897	-0.503159	0.326202
4.34E-05	0.093035	-0.779357	
0.85916	-0.070897	-0.503159	0.326202
4.34E-05	-0.043743	-0.568380	
1.00000	-0.070897	-0.503159	0.326202
4.34E-05	-0.180521	-0.357403	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.023219	0.243677	-0.362916
-4.18E-05		-0.406645	0.546773	
0.57749		0.023219	0.243677	-0.362916
-4.18E-05		-0.254472	0.444598	
0.71832		0.023219	0.243677	-0.362916
-4.18E-05		-0.102300	0.342423	
0.85916		0.023219	0.243677	-0.362916
-4.18E-05		0.049872	0.240248	
1.00000		0.023219	0.243677	-0.362916
-4.18E-05		0.202044	0.138073	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-0.080849	-0.524125	0.321431
4.60E-05		0.360761	-1.368989	
0.57749		-0.080849	-0.524125	0.321431
4.60E-05		0.225984	-1.149221	
0.71832		-0.080849	-0.524125	0.321431
4.60E-05		0.091207	-0.929453	
0.85916		-0.080849	-0.524125	0.321431
4.60E-05		-0.043571	-0.709685	
1.00000		-0.080849	-0.524125	0.321431
4.60E-05		-0.178348	-0.489917	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
528

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.080849	0.524125	-0.321431
-4.60E-05		-0.360761	1.368989	
0.57749		0.080849	0.524125	-0.321431
-4.60E-05		-0.225984	1.149221	
0.71832		0.080849	0.524125	-0.321431
-4.60E-05		-0.091207	0.929453	
0.85916		0.080849	0.524125	-0.321431
-4.60E-05		0.043571	0.709685	
1.00000		0.080849	0.524125	-0.321431
-4.60E-05		0.178348	0.489917	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.080849	0.524125	0.326202
4.60E-05		0.366891	1.368989	
0.57749		0.080849	0.524125	0.326202
4.60E-05		0.229813	1.149221	
0.71832		0.080849	0.524125	0.326202
4.60E-05		0.093035	0.929453	
0.85916		0.080849	0.524125	0.326202
4.60E-05		0.049872	0.709685	
1.00000		0.080849	0.524125	0.326202
4.60E-05		0.202044	0.489917	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-0.080849	-0.524125	-0.362916
-4.60E-05		-0.406645	-1.368989	
0.57749		-0.080849	-0.524125	-0.362916
-4.60E-05		-0.254472	-1.149221	
0.71832		-0.080849	-0.524125	-0.362916
-4.60E-05		-0.102300	-0.929453	
0.85916		-0.080849	-0.524125	-0.362916
-4.60E-05		-0.043743	-0.709685	
1.00000		-0.080849	-0.524125	-0.362916
-4.60E-05		-0.180521	-0.489917	

ELEM 263 ========== LENGTH = 2.978174

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000143	0.001895	-0.002750
2.59E-07		-0.001609	-0.003755	
0.14087		0.000143	0.001895	-0.002750
2.59E-07		-0.000455	-0.004550	
0.28175		0.000143	0.001895	-0.002750
2.59E-07		0.000698	-0.005345	
0.42262		0.000143	0.001895	-0.002750
2.59E-07		0.001852	-0.006140	
0.56349		0.000143	0.001895	-0.002750
2.59E-07		0.003005	-0.006935	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000602	0.005014	0.004840
-9.05E-07		0.002896	0.032632	
0.14087		0.000602	0.005014	0.004840
-9.05E-07		0.000866	0.030528	
0.28175		0.000602	0.005014	0.004840
-9.05E-07		-0.001165	0.028425	
0.42262		0.000602	0.005014	0.004840
-9.05E-07		-0.003196	0.026321	
0.56349		0.000602	0.005014	0.004840
-9.05E-07		-0.005227	0.024218	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.004161	-0.035879	-0.006372
2.69E-06		-0.004185	-0.132318	
0.14087		-0.004161	-0.035879	-0.006372
2.69E-06		-0.001511	-0.117266	
0.28175		-0.004161	-0.035879	-0.006372
2.69E-06		0.001162	-0.102213	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
529

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42262		-0.004161	-0.035879	-0.006372
2.69E-06		0.003835	-0.087160	
0.56349		-0.004161	-0.035879	-0.006372
2.69E-06		0.006509	-0.072107	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035888	0.321572	0.035867
-1.24E-05		0.020201	0.331663	
0.14087		0.035888	0.321572	0.035867
-1.24E-05		0.005154	0.196749	
0.28175		0.035888	0.321572	0.035867
-1.24E-05		-0.009894	0.061836	
0.42262		0.035888	0.321572	0.035867
-1.24E-05		-0.024942	-0.073078	
0.56349		0.035888	0.321572	0.035867
-1.24E-05		-0.039989	-0.207991	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.043922	-0.562272	0.344378
4.35E-06		0.195488	-0.373245	
0.14087		-0.043922	-0.562272	0.344378
4.35E-06		0.051006	-0.137347	
0.28175		-0.043922	-0.562272	0.344378
4.35E-06		-0.093475	0.098550	
0.42262		-0.043922	-0.562272	0.344378
4.35E-06		-0.237957	0.334448	
0.56349		-0.043922	-0.562272	0.344378
4.35E-06		-0.382438	0.570346	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.011450	0.269670	-0.375964
5.97E-06		-0.212792	0.145024	
0.14087		0.011450	0.269670	-0.375964
5.97E-06		-0.055059	0.031885	
0.28175		0.011450	0.269670	-0.375964
5.97E-06		0.102674	-0.081253	
0.42262		0.011450	0.269670	-0.375964
5.97E-06		0.260407	-0.194391	
0.56349		0.011450	0.269670	-0.375964
5.97E-06		0.418140	-0.307529	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.047940	-0.596256	0.335256
7.30E-06		0.189694	-0.509318	
0.14087		-0.047940	-0.596256	0.335256
7.30E-06		0.049040	-0.259163	
0.28175		-0.047940	-0.596256	0.335256
7.30E-06		-0.091615	-0.009008	
0.42262		-0.047940	-0.596256	0.335256
7.30E-06		-0.232270	0.241148	
0.56349		-0.047940	-0.596256	0.335256
7.30E-06		-0.372924	0.491303	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.047940	0.596256	-0.335256
7.30E-06		-0.189694	0.509318	
0.14087		0.047940	0.596256	-0.335256
7.30E-06		-0.049040	0.259163	
0.28175		0.047940	0.596256	-0.335256
7.30E-06		0.091615	0.009008	
0.42262		0.047940	0.596256	-0.335256
7.30E-06		0.232270	-0.241148	
0.56349		0.047940	0.596256	-0.335256
7.30E-06		0.372924	-0.491303	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.047940	0.596256	0.344378
7.30E-06		0.195488	0.509318	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
530

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14087		0.047940	0.596256	0.344378
7.30E-06		0.051006	0.259163	
0.28175		0.047940	0.596256	0.344378
7.30E-06		0.102674	0.098550	
0.42262		0.047940	0.596256	0.344378
7.30E-06		0.260407	0.334448	
0.56349		0.047940	0.596256	0.344378
7.30E-06		0.418140	0.570346	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.047940	-0.596256	-0.375964
-1.24E-05		-0.212792	-0.509318	
0.14087		-0.047940	-0.596256	-0.375964
-1.24E-05		-0.055059	-0.259163	
0.28175		-0.047940	-0.596256	-0.375964
-1.24E-05		-0.093475	-0.102213	
0.42262		-0.047940	-0.596256	-0.375964
-1.24E-05		-0.237957	-0.241148	
0.56349		-0.047940	-0.596256	-0.375964
-1.24E-05		-0.382438	-0.491303	

ELEM 264 ========== LENGTH = 2.977605

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.001956	0.001634	-0.001375
-7.49E-08		-0.001593	-0.003390	
0.57744		0.001956	0.001634	-0.001375
-7.49E-08		-0.001016	-0.004075	
0.71830		0.001956	0.001634	-0.001375
-7.49E-08		-0.000439	-0.004760	
0.85915		0.001956	0.001634	-0.001375
-7.49E-08		0.000138	-0.005446	
1.00000		0.001956	0.001634	-0.001375
-7.49E-08		0.000715	-0.006131	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-0.008541	-0.000434	-0.001827
-4.22E-07		-0.001864	0.040648	
0.57744		-0.008541	-0.000434	-0.001827
-4.22E-07		-0.001098	0.040830	
0.71830		-0.008541	-0.000434	-0.001827
-4.22E-07		-0.000332	0.041012	
0.85915		-0.008541	-0.000434	-0.001827
-4.22E-07		0.000435	0.041194	
1.00000		-0.008541	-0.000434	-0.001827
-4.22E-07		0.001201	0.041376	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.028714	-0.008166	0.018417
2.53E-06		0.019963	-0.173058	
0.57744		0.028714	-0.008166	0.018417
2.53E-06		0.012239	-0.169633	
0.71830		0.028714	-0.008166	0.018417
2.53E-06		0.004516	-0.166208	
0.85915		0.028714	-0.008166	0.018417
2.53E-06		-0.003208	-0.162783	
1.00000		0.028714	-0.008166	0.018417
2.53E-06		-0.010932	-0.159359	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.084024	0.149657	-0.030810
-3.79E-06		-0.035338	0.439944	
0.57744		0.084024	0.149657	-0.030810
-3.79E-06		-0.022416	0.377178	
0.71830		0.084024	0.149657	-0.030810
-3.79E-06		-0.009494	0.314411	
0.85915		0.084024	0.149657	-0.030810
-3.79E-06		0.003428	0.251645	
1.00000		0.084024	0.149657	-0.030810
-3.79E-06		0.016350	0.188878	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
531

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-0.198045	-0.291994	0.417114
4.39E-05		0.469282	-0.525548	
0.57744		-0.198045	-0.291994	0.417114
4.39E-05		0.294344	-0.402985	
0.71830		-0.198045	-0.291994	0.417114
4.39E-05		0.119406	-0.280523	
0.85915		-0.198045	-0.291994	0.417114
4.39E-05		-0.055532	-0.158060	
1.00000		-0.198045	-0.291994	0.417114
4.39E-05		-0.230470	-0.035597	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.091891	0.149303	-0.401518
-4.21E-05		-0.045052	0.221303	
0.57744		0.091891	0.149303	-0.401518
-4.21E-05		-0.282055	0.158685	
0.71830		0.091891	0.149303	-0.401518
-4.21E-05		-0.113657	0.096068	
0.85915		0.091891	0.149303	-0.401518
-4.21E-05		0.054740	0.033450	
1.00000		0.091891	0.149303	-0.401518
-4.21E-05		0.223137	-0.029168	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-0.167375	-0.298526	0.434155
4.63E-05		0.487653	-0.701896	
0.57744		-0.167375	-0.298526	0.434155
4.63E-05		0.305568	-0.576693	
0.71830		-0.167375	-0.298526	0.434155
4.63E-05		0.123483	-0.451491	
0.85915		-0.167375	-0.298526	0.434155
4.63E-05		-0.058602	-0.326289	
1.00000		-0.167375	-0.298526	0.434155
4.63E-05		-0.240687	-0.201087	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.167375	0.298526	-0.434155
-4.63E-05		-0.487653	0.701896	
0.57744		0.167375	0.298526	-0.434155
-4.63E-05		-0.305568	0.576693	
0.71830		0.167375	0.298526	-0.434155
-4.63E-05		-0.123483	0.451491	
0.85915		0.167375	0.298526	-0.434155
-4.63E-05		0.058602	0.326289	
1.00000		0.167375	0.298526	-0.434155
-4.63E-05		0.240687	0.201087	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		0.167375	0.298526	0.434155
4.63E-05		0.487653	0.701896	
0.57744		0.167375	0.298526	0.434155
4.63E-05		0.305568	0.576693	
0.71830		0.167375	0.298526	0.434155
4.63E-05		0.123483	0.451491	
0.85915		0.167375	0.298526	0.434155
4.63E-05		0.058602	0.326289	
1.00000		0.167375	0.298526	0.434155
4.63E-05		0.240687	0.201087	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659		-0.198045	-0.298526	-0.434155
-4.63E-05		-0.487653	-0.701896	
0.57744		-0.198045	-0.298526	-0.434155
-4.63E-05		-0.305568	-0.576693	
0.71830		-0.198045	-0.298526	-0.434155
-4.63E-05		-0.123483	-0.451491	
0.85915		-0.198045	-0.298526	-0.434155
-4.63E-05		-0.058602	-0.326289	
1.00000		-0.198045	-0.298526	-0.434155
-4.63E-05		-0.240687	-0.201087	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
532

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 265 ========== LENGTH = 2.977767

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002144	0.001646	-0.001852
5.94E-08		-0.001109	-0.006263	
0.14086		0.002144	0.001646	-0.001852
5.94E-08		-0.000332	-0.006953	
0.28172		0.002144	0.001646	-0.001852
5.94E-08		0.000445	-0.007643	
0.42257		0.002144	0.001646	-0.001852
5.94E-08		0.001222	-0.008334	
0.56343		0.002144	0.001646	-0.001852
5.94E-08		0.001999	-0.009024	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009656	-0.000483	-0.000266
1.22E-07		0.340435	0.001108	
0.14086		-0.009656	-0.000483	-0.000266
1.22E-07		0.000195	0.042310	
0.28172		-0.009656	-0.000483	-0.000266
1.22E-07		0.000307	0.042513	
0.42257		-0.009656	-0.000483	-0.000266
1.22E-07		0.000419	0.042715	
0.56343		-0.009656	-0.000483	-0.000266
1.22E-07		0.000530	0.042918	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.032971	-0.008010	0.013100
-1.00E-06		0.006554	-0.162028	
0.14086		0.032971	-0.008010	0.013100
-1.00E-06		0.001059	-0.158668	
0.28172		0.032971	-0.008010	0.013100
-1.00E-06		-0.004436	-0.155308	
0.42257		0.032971	-0.008010	0.013100
-1.00E-06		0.009931	-0.151949	
0.56343		0.032971	-0.008010	0.013100
-1.00E-06		-0.015425	-0.148589	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.069481	0.149629	-0.035193
-1.90E-06		-0.019954	0.197940	
0.14086		0.069481	0.149629	-0.035193
-1.90E-06		-0.005193	0.135179	
0.28172		0.069481	0.149629	-0.035193
-1.90E-06		0.009569	0.072419	
0.42257		0.069481	0.149629	-0.035193
-1.90E-06		0.024330	0.009658	
0.56343		0.069481	0.149629	-0.035193
-1.90E-06		0.039091	-0.053102	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.177940	-0.292260	0.443692
-8.43E-06		0.252155	-0.048052	
0.14086		-0.177940	-0.292260	0.443692
-8.43E-06		0.096052	0.074533	
0.28172		-0.177940	-0.292260	0.443692
-8.43E-06		-0.120051	0.197119	
0.42257		-0.177940	-0.292260	0.443692
-8.43E-06		-0.306154	0.319705	
0.56343		-0.177940	-0.292260	0.443692
-8.43E-06		-0.492257	0.442291	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.083002	0.149478	-0.419481
1.12E-05		-0.237729	-0.023705	
0.14086		0.083002	0.149478	-0.419481
1.12E-05		-0.061781	-0.086402	
0.28172		0.083002	0.149478	-0.419481
1.12E-05		0.114166	-0.149099	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
533

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257		0.083002	0.149478	-0.419481
1.12E-05		0.290114	-0.211796	
0.56343		0.083002	0.149478	-0.419481
1.12E-05		0.466062	-0.274493	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.142826	-0.298624	0.454940
-9.38E-06		0.257599	-0.216343	
0.14086		-0.142826	-0.298624	0.454940
-9.38E-06		0.066779	-0.091088	
0.28172		-0.142826	-0.298624	0.454940
-9.38E-06		-0.124042	0.034168	
0.42257		-0.142826	-0.298624	0.454940
-9.38E-06		-0.314863	0.159423	
0.56343		-0.142826	-0.298624	0.454940
-9.38E-06		-0.505683	0.284678	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.142826	0.298624	-0.454940
9.38E-06		-0.257599	0.216343	
0.14086		0.142826	0.298624	-0.454940
9.38E-06		-0.066779	0.091088	
0.28172		0.142826	0.298624	-0.454940
9.38E-06		0.124042	-0.034168	
0.42257		0.142826	0.298624	-0.454940
9.38E-06		0.314863	-0.159423	
0.56343		0.142826	0.298624	-0.454940
9.38E-06		0.505683	-0.284678	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.142826	0.298624	0.454940
1.12E-05		0.257599	0.216343	
0.14086		0.142826	0.298624	0.454940
1.12E-05		0.066779	0.135179	
0.28172		0.142826	0.298624	0.454940
1.12E-05		0.124042	0.197119	
0.42257		0.142826	0.298624	0.454940
1.12E-05		0.314863	0.319705	
0.56343		0.142826	0.298624	0.454940
1.12E-05		0.505683	0.442291	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.177940	-0.298624	-0.454940
-9.38E-06		-0.257599	-0.216343	
0.14086		-0.177940	-0.298624	-0.454940
-9.38E-06		-0.066779	-0.158668	
0.28172		-0.177940	-0.298624	-0.454940
-9.38E-06		-0.124042	-0.155308	
0.42257		-0.177940	-0.298624	-0.454940
-9.38E-06		-0.314863	-0.211796	
0.56343		-0.177940	-0.298624	-0.454940
-9.38E-06		-0.505683	-0.284678	

ELEM 266 ========== LENGTH = 2.977068

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.006338	0.001467	-0.000584
-9.70E-08		-0.000718	-0.007574	
0.57750		0.006338	0.001467	-0.000584
-9.70E-08		-0.000473	-0.008189	
0.71834		0.006338	0.001467	-0.000584
-9.70E-08		-0.000228	-0.008805	
0.85917		0.006338	0.001467	-0.000584
-9.70E-08		1.67E-05	-0.009420	
1.00000		0.006338	0.001467	-0.000584
-9.70E-08		0.000261	-0.010035	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
534

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.032018	-0.003256	-0.006489
-3.62E-07		-0.006996	0.053234	
0.57750		-0.032018	-0.003256	-0.006489
-3.62E-07		-0.004275	0.054600	
0.71834		-0.032018	-0.003256	-0.006489
-3.62E-07		-0.001555	0.055965	
0.85917		-0.032018	-0.003256	-0.006489
-3.62E-07		0.001166	0.057330	
1.00000		-0.032018	-0.003256	-0.006489
-3.62E-07		0.003887	0.058695	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.113410	0.006302	0.036074
2.42E-06		0.039413	-0.207130	
0.57750		0.113410	0.006302	0.036074
2.42E-06		0.024688	-0.209772	
0.71834		0.113410	0.006302	0.036074
2.42E-06		0.009963	-0.212414	
0.85917		0.113410	0.006302	0.036074
2.42E-06		-0.005961	-0.215057	
1.00000		0.113410	0.006302	0.036074
2.42E-06		-0.021086	-0.217699	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.131973	0.076817	-0.086803
-3.09E-06		-0.098169	0.208142	
0.57750		0.131973	0.076817	-0.086803
-3.09E-06		-0.061776	0.175935	
0.71834		0.131973	0.076817	-0.086803
-3.09E-06		-0.025382	0.143728	
0.85917		0.131973	0.076817	-0.086803
-3.09E-06		0.011012	0.111521	
1.00000		0.131973	0.076817	-0.086803
-3.09E-06		0.047405	0.079314	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.463971	-0.184766	0.490377
4.28E-05		0.552109	-0.003657	
0.57750		-0.463971	-0.184766	0.490377
4.28E-05		0.346510	0.073809	
0.71834		-0.463971	-0.184766	0.490377
4.28E-05		0.140911	0.151275	
0.85917		-0.463971	-0.184766	0.490377
4.28E-05		-0.064688	0.228742	
1.00000		-0.463971	-0.184766	0.490377
4.28E-05		-0.270287	0.306208	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.244268	0.103436	-0.432575
-4.17E-05		-0.485639	-0.043015	
0.57750		0.244268	0.103436	-0.432575
-4.17E-05		-0.304274	-0.086382	
0.71834		0.244268	0.103436	-0.432575
-4.17E-05		-0.122910	-0.129749	
0.85917		0.244268	0.103436	-0.432575
-4.17E-05		0.058455	-0.173117	
1.00000		0.244268	0.103436	-0.432575
-4.17E-05		0.239819	-0.216484	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.344222	-0.176997	0.525867
4.51E-05		0.590804	-0.218362	
0.57750		-0.344222	-0.176997	0.525867
4.51E-05		0.370325	-0.144153	
0.71834		-0.344222	-0.176997	0.525867
4.51E-05		0.149846	-0.069944	
0.85917		-0.344222	-0.176997	0.525867
4.51E-05		-0.070632	0.004265	
1.00000		-0.344222	-0.176997	0.525867
4.51E-05		-0.291111	0.078475	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 535
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.344222	0.176997	-0.525867
-4.51E-05		-0.590804	0.218362	
0.57750		0.344222	0.176997	-0.525867
-4.51E-05		-0.370325	0.144153	
0.71834		0.344222	0.176997	-0.525867
-4.51E-05		-0.149846	0.069944	
0.85917		0.344222	0.176997	-0.525867
-4.51E-05		0.070632	-0.004265	
1.00000		0.344222	0.176997	-0.525867
-4.51E-05		0.291111	-0.078475	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.344222	0.176997	0.525867
4.51E-05		0.590804	0.218362	
0.57750		0.344222	0.176997	0.525867
4.51E-05		0.370325	0.175935	
0.71834		0.344222	0.176997	0.525867
4.51E-05		0.149846	0.151275	
0.85917		0.344222	0.176997	0.525867
4.51E-05		0.070632	0.228742	
1.00000		0.344222	0.176997	0.525867
4.51E-05		0.291111	0.306208	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.463971	-0.184766	-0.525867
-4.51E-05		-0.590804	-0.218362	
0.57750		-0.463971	-0.184766	-0.525867
-4.51E-05		-0.370325	-0.209772	
0.71834		-0.463971	-0.184766	-0.525867
-4.51E-05		-0.149846	-0.212414	
0.85917		-0.463971	-0.184766	-0.525867
-4.51E-05		-0.070632	-0.215057	
1.00000		-0.463971	-0.184766	-0.525867
-4.51E-05		-0.291111	-0.217699	

ELEM 267 ========== LENGTH = 2.977234

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.006493	0.001458	-0.001134
-1.11E-07		-0.000713	-0.010148	
0.14084		0.006493	0.001458	-0.001134
-1.11E-07		-0.000238	-0.010759	
0.28168		0.006493	0.001458	-0.001134
-1.11E-07		0.000237	-0.011370	
0.42251		0.006493	0.001458	-0.001134
-1.11E-07		0.000713	-0.011982	
0.56335		0.006493	0.001458	-0.001134
-1.11E-07		0.001188	-0.012593	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.032935	-0.003195	-0.004380
1.03E-06		-0.002159	0.059322	
0.14084		-0.032935	-0.003195	-0.004380
1.03E-06		-0.000322	0.060662	
0.28168		-0.032935	-0.003195	-0.004380
1.03E-06		0.001514	0.062001	
0.42251		-0.032935	-0.003195	-0.004380
1.03E-06		0.003351	0.063341	
0.56335		-0.032935	-0.003195	-0.004380
1.03E-06		0.005187	0.064680	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.116902	0.006065	0.028813
-4.31E-06		0.015135	-0.219986	
0.14084		0.116902	0.006065	0.028813
-4.31E-06		0.003053	-0.222529	
0.28168		0.116902	0.006065	0.028813
-4.31E-06		-0.009028	-0.225072	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 536
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42251		0.116902	0.006065	0.028813
-4.31E-06		-0.021110	-0.227615	
0.56335		0.116902	0.006065	0.028813
-4.31E-06		-0.033192	-0.230158	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.120195	0.077653	-0.094542
7.22E-06		-0.053719	0.087063	
0.14084		0.120195	0.077653	-0.094542
7.22E-06		-0.014077	0.054502	
0.28168		0.120195	0.077653	-0.094542
7.22E-06		0.025565	0.021941	
0.42251		0.120195	0.077653	-0.094542
7.22E-06		0.065208	-0.010619	
0.56335		0.120195	0.077653	-0.094542
7.22E-06		0.104850	-0.043180	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.447835	-0.185979	0.527329
-1.92E-05		0.300358	0.295564	
0.14084		-0.447835	-0.185979	0.527329
-1.92E-05		0.079245	0.373547	
0.28168		-0.447835	-0.185979	0.527329
-1.92E-05		-0.141868	0.451530	
0.42251		-0.447835	-0.185979	0.527329
-1.92E-05		-0.362982	0.529513	
0.56335		-0.447835	-0.185979	0.527329
-1.92E-05		-0.584095	0.607495	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.237179	0.103998	-0.456086
1.54E-05		-0.258902	-0.211816	
0.14084		0.237179	0.103998	-0.456086
1.54E-05		-0.067661	-0.255423	
0.28168		0.237179	0.103998	-0.456086
1.54E-05		0.123580	-0.299030	
0.42251		0.237179	0.103998	-0.456086
1.54E-05		0.314821	-0.342637	
0.56335		0.237179	0.103998	-0.456086
1.54E-05		0.506062	-0.386244	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.324439	-0.178456	0.555008
-2.37E-05		0.314780	0.065431	
0.14084		-0.324439	-0.178456	0.555008
-2.37E-05		0.082060	0.140259	
0.28168		-0.324439	-0.178456	0.555008
-2.37E-05		-0.150659	0.215087	
0.42251		-0.324439	-0.178456	0.555008
-2.37E-05		-0.383379	0.289916	
0.56335		-0.324439	-0.178456	0.555008
-2.37E-05		-0.616099	0.364744	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.324439	0.178456	-0.555008
2.37E-05		-0.314780	-0.065431	
0.14084		0.324439	0.178456	-0.555008
2.37E-05		-0.082060	-0.140259	
0.28168		0.324439	0.178456	-0.555008
2.37E-05		0.150659	-0.215087	
0.42251		0.324439	0.178456	-0.555008
2.37E-05		0.383379	-0.289916	
0.56335		0.324439	0.178456	-0.555008
2.37E-05		0.616099	-0.364744	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.324439	0.178456	0.555008
2.37E-05		0.314780	0.295564	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 537
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14084		0.324439	0.178456	0.555008
2.37E-05		0.082060	0.373547	
0.28168		0.324439	0.178456	0.555008
2.37E-05		0.150659	0.451530	
0.42251		0.324439	0.178456	0.555008
2.37E-05		0.383379	0.529513	
0.56335		0.324439	0.178456	0.555008
2.37E-05		0.616099	0.607495	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.447835	-0.185979	-0.555008
-2.37E-05		-0.314780	-0.219986	
0.14084		-0.447835	-0.185979	-0.555008
-2.37E-05		-0.082060	-0.255423	
0.28168		-0.447835	-0.185979	-0.555008
-2.37E-05		-0.150659	-0.299030	
0.42251		-0.447835	-0.185979	-0.555008
-2.37E-05		-0.383379	-0.342637	
0.56335		-0.447835	-0.185979	-0.555008
-2.37E-05		-0.616099	-0.386244	

ELEM 268 ========== LENGTH = 2.976708

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.011772	0.001827	3.82E-05
-1.18E-07		-3.37E-05	-0.012651	
0.57754		0.011772	0.001827	3.82E-05
-1.18E-07		-4.97E-05	-0.013416	
0.71836		0.011772	0.001827	3.82E-05
-1.18E-07		-6.58E-05	-0.014182	
0.85918		0.011772	0.001827	3.82E-05
-1.18E-07		-8.18E-05	-0.014948	
1.00000		0.011772	0.001827	3.82E-05
-1.18E-07		-9.78E-05	-0.015713	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.061182	-0.007179	-0.010138
-2.84E-07		-0.010994	0.072815	
0.57754		-0.061182	-0.007179	-0.010138
-2.84E-07		-0.006744	0.076824	
0.71836		-0.061182	-0.007179	-0.010138
-2.84E-07		-0.002494	0.079833	
0.85918		-0.061182	-0.007179	-0.010138
-2.84E-07		0.001755	0.082842	
1.00000		-0.061182	-0.007179	-0.010138
-2.84E-07		0.006005	0.085851	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.218566	0.022729	0.049894
2.20E-06		0.054563	-0.273771	
0.57754		0.218566	0.022729	0.049894
2.20E-06		0.033649	-0.283298	
0.71836		0.218566	0.022729	0.049894
2.20E-06		0.012735	-0.292826	
0.85918		0.218566	0.022729	0.049894
2.20E-06		-0.008179	-0.302354	
1.00000		0.218566	0.022729	0.049894
2.20E-06		-0.029094	-0.311881	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.200906	0.040214	-0.131170
-1.73E-06		-0.147977	0.046733	
0.57754		0.200906	0.040214	-0.131170
-1.73E-06		-0.092994	0.029876	
0.71836		0.200906	0.040214	-0.131170
-1.73E-06		-0.038011	0.013019	
0.85918		0.200906	0.040214	-0.131170
-1.73E-06		0.016973	-0.003837	
1.00000		0.200906	0.040214	-0.131170
-1.73E-06		0.071956	-0.020694	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 538
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.794888	-0.142871	0.548416
4.07E-05		0.617822	0.471434	
0.57754		-0.794888	-0.142871	0.548416
4.07E-05		0.387939	0.531322	
0.71836		-0.794888	-0.142871	0.548416
4.07E-05		0.158055	0.591211	
0.85918		-0.794888	-0.142871	0.548416
4.07E-05		-0.071829	0.651099	
1.00000		-0.794888	-0.142871	0.548416
4.07E-05		-0.301712	0.710987	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.424826	0.085280	-0.457041
-4.07E-05		0.253581	-0.308559	
0.57754		0.424826	0.085280	-0.457041
-4.07E-05		-0.321800	-0.341307	
0.71836		0.424826	0.085280	-0.457041
-4.07E-05		-0.130219	-0.377054	
0.85918		0.424826	0.085280	-0.457041
-4.07E-05		0.061362	-0.412802	
1.00000		0.424826	0.085280	-0.457041
-4.07E-05		0.252943	-0.448550	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.564550	-0.118315	0.598348
4.28E-05		0.672352	0.185012	
0.57754		-0.564550	-0.118315	0.598348
4.28E-05		0.421538	0.234607	
0.71836		-0.564550	-0.118315	0.598348
4.28E-05		0.170724	0.284202	
0.85918		-0.564550	-0.118315	0.598348
4.28E-05		-0.080090	0.333798	
1.00000		-0.564550	-0.118315	0.598348
4.28E-05		-0.330904	0.383393	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.564550	0.118315	-0.598348
-4.28E-05		-0.672352	-0.185012	
0.57754		0.564550	0.118315	-0.598348
-4.28E-05		-0.421538	-0.234607	
0.71836		0.564550	0.118315	-0.598348
-4.28E-05		-0.170724	-0.284202	
0.85918		0.564550	0.118315	-0.598348
-4.28E-05		0.080090	-0.333798	
1.00000		0.564550	0.118315	-0.598348
-4.28E-05		0.330904	-0.383393	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.564550	0.118315	0.598348
4.28E-05		0.672352	0.471434	
0.57754		0.564550	0.118315	0.598348
4.28E-05		0.421538	0.531322	
0.71836		0.564550	0.118315	0.598348
4.28E-05		0.170724	0.591211	
0.85918		0.564550	0.118315	0.598348
4.28E-05		0.080090	0.651099	
1.00000		0.564550	0.118315	0.598348
4.28E-05		0.330904	0.710987	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.794888	-0.142871	-0.598348
-4.28E-05		-0.672352	-0.305559	
0.57754		-0.794888	-0.142871	-0.598348
-4.28E-05		-0.421538	-0.341307	
0.71836		-0.794888	-0.142871	-0.598348
-4.28E-05		-0.170724	-0.377054	
0.85918		-0.794888	-0.142871	-0.598348
-4.28E-05		-0.080090	-0.412802	
1.00000		-0.794888	-0.142871	-0.598348
-4.28E-05		-0.330904	-0.448550	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 539
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 269 ========== LENGTH = 2.977871

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.011888	0.001876	-0.000576
-2.63E-07		-0.000411	-0.015802	
0.14086		0.011888	0.001876	-0.000576
-2.63E-07		-0.000170	-0.016589	
0.28172		0.011888	0.001876	-0.000576
-2.63E-07		7.22E-05	-0.017375	
0.42258		0.011888	0.001876	-0.000576
-2.63E-07		0.000314	-0.018162	
0.56345		0.011888	0.001876	-0.000576
-2.63E-07		0.000556	-0.018949	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.061865	-0.007441	-0.007552
1.85E-06		-0.010869	0.086341	
0.14086		-0.061865	-0.007441	-0.007552
1.85E-06		-0.000701	0.089462	
0.28172		-0.061865	-0.007441	-0.007552
1.85E-06		0.002467	0.092583	
0.42258		-0.061865	-0.007441	-0.007552
1.85E-06		0.005635	0.095704	
0.56345		-0.061865	-0.007441	-0.007552
1.85E-06		0.008803	0.098825	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.221166	0.023672	0.040914
-7.31E-06		0.021676	-0.313668	
0.14086		0.221166	0.023672	0.040914
-7.31E-06		0.004514	-0.323598	
0.28172		0.221166	0.023672	0.040914
-7.31E-06		-0.012648	-0.333528	
0.42258		0.221166	0.023672	0.040914
-7.31E-06		-0.029810	-0.343457	
0.56345		0.221166	0.023672	0.040914
-7.31E-06		-0.046972	-0.353387	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.191985	0.038651	-0.141461
1.48E-05		-0.080484	-0.014653	
0.14086		0.191985	0.038651	-0.141461
1.48E-05		-0.021145	-0.030865	
0.28172		0.191985	0.038651	-0.141461
1.48E-05		0.038193	-0.047078	
0.42258		0.191985	0.038651	-0.141461
1.48E-05		0.097531	-0.063291	
0.56345		0.191985	0.038651	-0.141461
1.48E-05		0.156869	-0.079504	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.782707	-0.141626	0.592822
-2.73E-05		0.338483	0.702701	
0.14086		-0.782707	-0.141626	0.592822
-2.73E-05		0.089813	0.762108	
0.28172		-0.782707	-0.141626	0.592822
-2.73E-05		-0.158856	0.821516	
0.42258		-0.782707	-0.141626	0.592822
-2.73E-05		-0.407526	0.880923	
0.56345		-0.782707	-0.141626	0.592822
-2.73E-05		-0.656195	0.940331	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.419533	0.084867	-0.484146
1.83E-05		-0.275396	-0.444919	
0.14086		0.419533	0.084867	-0.484146
1.83E-05		-0.072312	-0.480518	
0.28172		0.419533	0.084867	-0.484146
1.83E-05		0.130771	-0.516117	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 540
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42258		0.419533	0.084867	-0.484146
1.83E-05		0.333855	-0.551716	
0.56345		0.419533	0.084867	-0.484146
1.83E-05		0.536939	-0.587316	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.549653	-0.116078	0.633159
-3.49E-05		0.359748	0.373231	
0.14086		-0.549653	-0.116078	0.633159
-3.49E-05		0.094158	0.421922	
0.28172		-0.549653	-0.116078	0.633159
-3.49E-05		-0.171432	0.470613	
0.42258		-0.549653	-0.116078	0.633159
-3.49E-05		-0.437021	0.519304	
0.56345		-0.549653	-0.116078	0.633159
-3.49E-05		-0.702611	0.567995	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.549653	0.116078	-0.633159
3.49E-05		-0.359748	-0.373231	
0.14086		0.549653	0.116078	-0.633159
3.49E-05		-0.094158	-0.421922	
0.28172		0.549653	0.116078	-0.633159
3.49E-05		0.171432	-0.470613	
0.42258		0.549653	0.116078	-0.633159
3.49E-05		0.437021	-0.519304	
0.56345		0.549653	0.116078	-0.633159
3.49E-05		0.702611	-0.567995	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.549653	0.116078	0.633159
3.49E-05		0.359748	0.702701	
0.14086		0.549653	0.116078	0.633159
3.49E-05		0.094158	0.762108	
0.28172		0.549653	0.116078	0.633159
3.49E-05		0.171432	0.821516	
0.42258		0.549653	0.116078	0.633159
3.49E-05		0.437021	0.880923	
0.56345		0.549653	0.116078	0.633159
3.49E-05		0.702611	0.940331	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.782707	-0.141626	-0.633159
-3.49E-05		-0.359748	-0.444919	
0.14086		-0.782707	-0.141626	-0.633159
-3.49E-05		-0.094158	-0.480518	
0.28172		-0.782707	-0.141626	-0.633159
-3.49E-05		-0.171432	-0.516117	
0.42258		-0.782707	-0.141626	-0.633159
-3.49E-05		-0.437021	-0.551716	
0.56345		-0.782707	-0.141626	-0.633159
-3.49E-05		-0.702611	-0.587316	

ELEM 270 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.009433	0.001152	0.000407
-1.15E-07		0.000376	-0.021996	
0.57745		0.009433	0.001152	0.000407
-1.15E-07		0.000206	-0.022480	
0.71830		0.009433	0.001152	0.000407
-1.15E-07		3.51E-05	-0.022963	
0.85915		0.009433	0.001152	0.000407
-1.15E-07		-0.000135	-0.023446	
1.00000		0.009433	0.001152	0.000407
-1.15E-07		-0.000306	-0.023930	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 541
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.049408	-0.005190	-0.012327
-3.24E-07		-0.013422	0.117951	
0.57745		-0.049408	-0.005190	-0.012327
-3.24E-07		-0.008252	0.120128	
0.71830		-0.049408	-0.005190	-0.012327
-3.24E-07		-0.003082	0.122304	
0.85915		-0.049408	-0.005190	-0.012327
-3.24E-07		0.002088	0.124481	
1.00000		-0.049408	-0.005190	-0.012327
-3.24E-07		0.007258	0.126657	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.177060	0.017429	0.058256
2.39E-06		0.063846	-0.426148	
0.57745		0.177060	0.017429	0.058256
2.39E-06		0.039415	-0.433458	
0.71830		0.177060	0.017429	0.058256
2.39E-06		0.014983	-0.440767	
0.85915		0.177060	0.017429	0.058256
2.39E-06		-0.009449	-0.448077	
1.00000		0.177060	0.017429	0.058256
2.39E-06		-0.033880	-0.455386	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.159033	0.068247	-0.165504
-1.11E-06		-0.186374	-0.012348	
0.57745		0.159033	0.068247	-0.165504
-1.11E-06		-0.116964	-0.040969	
0.71830		0.159033	0.068247	-0.165504
-1.11E-06		-0.047555	-0.069591	
0.85915		0.159033	0.068247	-0.165504
-1.11E-06		0.021855	-0.098212	
1.00000		0.159033	0.068247	-0.165504
-1.11E-06		0.091265	-0.126834	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.636316	-0.144137	0.596496
3.94E-05		0.671901	0.999173	
0.57745		-0.636316	-0.144137	0.596496
3.94E-05		0.421741	1.059621	
0.71830		-0.636316	-0.144137	0.596496
3.94E-05		0.171580	1.120070	
0.85915		-0.636316	-0.144137	0.596496
3.94E-05		-0.078580	1.180518	
1.00000		-0.636316	-0.144137	0.596496
3.94E-05		-0.328741	1.240967	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.340198	0.062498	-0.477327
-4.02E-05	-0.536328	-0.656632	
0.57745	0.340198	0.062498	-0.477327
-4.02E-05	-0.336145	-0.682843	
0.71830	0.340198	0.062498	-0.477327
-4.02E-05	-0.135962	-0.709053	
0.85915	0.340198	0.062498	-0.477327
-4.02E-05	0.064221	-0.735264	
1.00000	0.340198	0.062498	-0.477327
-4.02E-05	0.264404	-0.761475	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.449822	-0.125555	0.655159
4.17E-05	0.736124	0.551028	
0.57745	-0.449822	-0.125555	0.655159
4.17E-05	0.461361	0.603684	
0.71830	-0.449822	-0.125555	0.655159
4.17E-05	0.186598	0.656340	
0.85915	-0.449822	-0.125555	0.655159
4.17E-05	-0.088164	0.708996	
1.00000	-0.449822	-0.125555	0.655159
4.17E-05	-0.362927	0.761651	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
542

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.449822	0.125555	-0.655159
-4.17E-05	0.736124	-0.551028	
0.57745	0.449822	0.125555	-0.655159
-4.17E-05	0.461361	-0.603684	
0.71830	0.449822	0.125555	-0.655159
-4.17E-05	0.186598	-0.656340	
0.85915	0.449822	0.125555	-0.655159
-4.17E-05	0.088164	-0.708996	
1.00000	0.449822	0.125555	-0.655159
-4.17E-05	0.362927	-0.761651	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.449822	0.125555	0.655159
4.17E-05	0.736124	0.999173	
0.57745	0.449822	0.125555	0.655159
4.17E-05	0.461361	1.059621	
0.71830	0.449822	0.125555	0.655159
4.17E-05	0.186598	1.120070	
0.85915	0.449822	0.125555	0.655159
4.17E-05	0.088164	1.180518	
1.00000	0.449822	0.125555	0.655159
4.17E-05	0.362927	1.240967	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.636316	-0.144137	-0.655159
-4.17E-05	-0.736124	-0.656632	
0.57745	-0.636316	-0.144137	-0.655159
-4.17E-05	-0.461361	-0.682843	
0.71830	-0.636316	-0.144137	-0.655159
-4.17E-05	-0.186598	-0.709053	
0.85915	-0.636316	-0.144137	-0.655159
-4.17E-05	-0.088164	-0.735264	
1.00000	-0.636316	-0.144137	-0.655159
-4.17E-05	-0.362927	-0.761651	

ELEM 271 ========== LENGTH = 2.977477

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009502	0.001426	-0.000112
-4.40E-07	-0.000149	-0.023991	
0.14085	0.009502	0.001426	-0.000112
-4.40E-07	-0.000102	-0.024589	
0.28169	0.009502	0.001426	-0.000112
-4.40E-07	-5.47E-05	-0.025187	
0.42254	0.009502	0.001426	-0.000112
-4.40E-07	-7.72E-06	-0.025785	
0.56339	0.009502	0.001426	-0.000112
-4.40E-07	3.92E-05	-0.026383	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049821	-0.006712	-0.010188
2.80E-06	-0.005352	0.127000	
0.14085	-0.049821	-0.006712	-0.010188
2.80E-06	-0.001079	0.129815	
0.28169	-0.049821	-0.006712	-0.010188
2.80E-06	0.003193	0.132630	
0.42254	-0.049821	-0.006712	-0.010188
2.80E-06	0.007466	0.135445	
0.56339	-0.049821	-0.006712	-0.010188
2.80E-06	0.011738	0.138259	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.178647	0.022995	0.050925
-1.08E-05	0.027318	-0.456636	
0.14085	0.178647	0.022995	0.050925
-1.08E-05	0.005962	-0.466280	
0.28169	0.178647	0.022995	0.050925
-1.08E-05	-0.015395	-0.475923	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
543

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42254	0.178647	0.022995	0.050925
-1.08E-05	0.037151	-0.485567	
0.56339	0.178647	0.022995	0.050925
-1.08E-05	-0.058108	-0.495210	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.153523	0.046317	-0.176113
2.14E-05	-0.100300	-0.122653	
0.14085	0.153523	0.046317	-0.176113
2.14E-05	-0.026444	-0.142076	
0.28169	0.153523	0.046317	-0.176113
2.14E-05	0.047412	-0.161500	
0.42254	0.153523	0.046317	-0.176113
2.14E-05	0.121268	-0.180924	
0.56339	0.153523	0.046317	-0.176113
2.14E-05	0.195124	-0.200347	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.628754	-0.112451	0.639646
-3.23E-05	0.365606	1.235267	
0.14085	-0.628754	-0.112451	0.639646
-3.23E-05	0.097358	1.282426	
0.28169	-0.628754	-0.112451	0.639646
-3.23E-05	-0.170890	1.329584	
0.42254	-0.628754	-0.112451	0.639646
-3.23E-05	-0.439138	1.376742	
0.56339	-0.628754	-0.112451	0.639646
-3.23E-05	-0.707386	1.423900	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.336903	0.048426	-0.504159
1.94E-05	-0.287124	-0.758987	
0.14085	0.336903	0.048426	-0.504159
1.94E-05	-0.075695	-0.779295	
0.28169	0.336903	0.048426	-0.504159
1.94E-05	0.135734	-0.799603	
0.42254	0.336903	0.048426	-0.504159
1.94E-05	0.347163	-0.819911	
0.56339	0.336903	0.048426	-0.504159
1.94E-05	0.558592	-0.840220	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.440605	-0.088030	0.690460
-4.35E-05	0.392776	0.754639	
0.14085	-0.440605	-0.088030	0.690460
-4.35E-05	0.103218	0.791556	
0.28169	-0.440605	-0.088030	0.690460
-4.35E-05	-0.186339	0.828473	
0.42254	-0.440605	-0.088030	0.690460
-4.35E-05	-0.475897	0.865391	
0.56339	-0.440605	-0.088030	0.690460
-4.35E-05	-0.765454	0.902308	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.440605	0.088030	-0.690460
4.35E-05	-0.392776	-0.754639	
0.14085	0.440605	0.088030	-0.690460
4.35E-05	-0.103218	-0.791556	
0.28169	0.440605	0.088030	-0.690460
4.35E-05	0.186339	-0.828473	
0.42254	0.440605	0.088030	-0.690460
4.35E-05	0.475897	-0.865391	
0.56339	0.440605	0.088030	-0.690460
4.35E-05	0.765454	-0.902308	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.440605	0.088030	0.690460
4.35E-05	0.392776	1.235267	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
544

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.440605	0.088030	0.690460
4.35E-05	0.103218	1.282426	
0.28169	0.440605	0.088030	0.690460
4.35E-05	0.186339	1.329584	
0.42254	0.440605	0.088030	0.690460
4.35E-05	0.475897	1.376742	
0.56339	0.440605	0.088030	0.690460
4.35E-05	0.765454	1.423900	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.628754	-0.112451	-0.690460
-4.35E-05	-0.392776	-0.758987	
0.14085	-0.628754	-0.112451	-0.690460
-4.35E-05	-0.103218	-0.791556	
0.28169	-0.628754	-0.112451	-0.690460
-4.35E-05	-0.186339	-0.828473	
0.42254	-0.628754	-0.112451	-0.690460
-4.35E-05	-0.475897	-0.865391	
0.56339	-0.628754	-0.112451	-0.690460
-4.35E-05	-0.765454	-0.902308	

ELEM 272 ========== LENGTH = 2.977211

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.024051	-0.002650	0.000427
-1.71E-07	0.000433	-0.041404	
0.57749	-0.024051	-0.002650	0.000427
-1.71E-07	0.000254	-0.040293	
0.71833	-0.024051	-0.002650	0.000427
-1.71E-07	7.48E-05	-0.039182	
0.85916	-0.024051	-0.002650	0.000427
-1.71E-07	-0.000104	-0.038071	
1.00000	-0.024051	-0.002650	0.000427
-1.71E-07	-0.000284	-0.036959	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.125388	0.012961	-0.012516
-5.06E-08	-0.013856	0.214701	
0.57749	0.125388	0.012961	-0.012516
-5.06E-08	-0.008608	0.209267	
0.71833	0.125388	0.012961	-0.012516
-5.06E-08	-0.003360	0.203832	
0.85916	0.125388	0.012961	-0.012516
-5.06E-08	0.001888	0.198398	
1.00000	0.125388	0.012961	-0.012516
-5.06E-08	0.007136	0.192963	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.447883	-0.045193	0.059152
1.45E-06	0.065725	-0.766413	
0.57749	-0.447883	-0.045193	0.059152
1.45E-06	0.040923	-0.747463	
0.71833	-0.447883	-0.045193	0.059152
1.45E-06	0.016120	-0.728514	
0.85916	-0.447883	-0.045193	0.059152
1.45E-06	-0.008682	-0.709564	
1.00000	-0.447883	-0.045193	0.059152
1.45E-06	-0.033485	-0.690614	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.356573	0.053587	-0.192241
9.33E-07	-0.217011	-0.129787	
0.57749	-0.356573	0.053587	-0.192241
9.33E-07	-0.136403	-0.152256	
0.71833	-0.356573	0.053587	-0.192241
9.33E-07	-0.055796	-0.174725	
0.85916	-0.356573	0.053587	-0.192241
9.33E-07	0.024811	-0.197194	
1.00000	-0.356573	0.053587	-0.192241
9.33E-07	0.105418	-0.219663	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
545

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.535829	0.073543	0.640879
3.80E-05	0.723304	2.068834	
0.57749	1.535829	0.073543	0.640879
3.80E-05	0.454582	2.037997	
0.71833	1.535829	0.073543	0.640879
3.80E-05	0.185860	2.007160	
0.85916	1.535829	0.073543	0.640879
3.80E-05	-0.082863	1.976323	
1.00000	1.535829	0.073543	0.640879
3.80E-05	-0.351585	1.945486	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.832710	-0.092247	-0.495701
-4.02E-05	-0.555896	-1.345931	
0.57749	-0.832710	-0.092247	-0.495701
-4.02E-05	-0.350747	-1.307252	
0.71833	-0.832710	-0.092247	-0.495701
-4.02E-05	-0.142898	-1.268572	
0.85916	-0.832710	-0.092247	-0.495701
-4.02E-05	0.064950	-1.229893	
1.00000	-0.832710	-0.092247	-0.495701
-4.02E-05	0.272799	-1.191213	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.063895	0.025700	0.700459
3.93E-05	0.789463	1.261016	
0.57749	1.063895	0.025700	0.700459
3.93E-05	0.495759	1.250241	
0.71833	1.063895	0.025700	0.700459
3.93E-05	0.202055	1.239465	
0.85916	1.063895	0.025700	0.700459
3.93E-05	-0.091650	1.228689	
1.00000	1.063895	0.025700	0.700459
3.93E-05	-0.385354	1.217913	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.063895	-0.025700	-0.700459
-3.93E-05	-0.789463	-1.261016	
0.57749	-1.063895	-0.025700	-0.700459
-3.93E-05	-0.495759	-1.250241	
0.71833	-1.063895	-0.025700	-0.700459
-3.93E-05	-0.202055	-1.239465	
0.85916	-1.063895	-0.025700	-0.700459
-3.93E-05	0.091650	-1.228689	
1.00000	-1.063895	-0.025700	-0.700459
-3.93E-05	0.385354	-1.217913	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	1.535829	0.073543	0.700459
3.93E-05	0.789463	2.068834	
0.57749	1.535829	0.073543	0.700459
3.93E-05	0.495759	2.037997	
0.71833	1.535829	0.073543	0.700459
3.93E-05	0.202055	2.007160	
0.85916	1.535829	0.073543	0.700459
3.93E-05	0.091650	1.976323	
1.00000	1.535829	0.073543	0.700459
3.93E-05	0.385354	1.945486	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-1.063895	-0.092247	-0.700459
-4.02E-05	-0.789463	-1.345931	
0.57749	-1.063895	-0.092247	-0.700459
-4.02E-05	-0.495759	-1.307252	
0.71833	-1.063895	-0.092247	-0.700459
-4.02E-05	-0.202055	-1.268572	
0.85916	-1.063895	-0.092247	-0.700459
-4.02E-05	-0.091650	-1.229893	
1.00000	-1.063895	-0.092247	-0.700459
-4.02E-05	-0.385354	-1.217913	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
546

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 273 ========== LENGTH = 2.977271

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023982	-0.003028	0.000400
-6.12E-07	0.000167	-0.037007	
0.14084	-0.023982	-0.003028	0.000400
-6.12E-07	-1.09E-06	-0.035738	
0.28168	-0.023982	-0.003028	0.000400
-6.12E-07	-0.000169	-0.034468	
0.42252	-0.023982	-0.003028	0.000400
-6.12E-07	-0.000336	-0.033199	
0.56336	-0.023982	-0.003028	0.000400
-6.12E-07	-0.000504	-0.031929	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.125157	0.015099	-0.012885
3.71E-06	0.009245	0.159230	
0.14084	0.125157	0.015099	-0.012885
3.71E-06	-0.001543	0.186898	
0.28168	0.125157	0.015099	-0.012885
3.71E-06	0.003860	0.180567	
0.42252	0.125157	0.015099	-0.012885
3.71E-06	0.009263	0.174236	
0.56336	0.125157	0.015099	-0.012885
3.71E-06	0.014666	0.167905	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.447217	-0.053048	0.060804
-1.40E-05	0.033070	-0.691586	
0.14084	-0.447217	-0.053048	0.060804
-1.40E-05	0.007574	-0.669342	
0.28168	-0.447217	-0.053048	0.060804
-1.40E-05	-0.017922	-0.647098	
0.42252	-0.447217	-0.053048	0.060804
-1.40E-05	-0.043418	-0.624854	
0.56336	-0.447217	-0.053048	0.060804
-1.40E-05	-0.068914	-0.602610	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.360165	0.095144	-0.196134
2.43E-05	-0.109965	-0.216386	
0.14084	-0.360165	0.095144	-0.196134
2.43E-05	-0.027722	-0.256281	
0.28168	-0.360165	0.095144	-0.196134
2.43E-05	0.054520	-0.296177	
0.42252	-0.360165	0.095144	-0.196134
2.43E-05	0.136763	-0.336072	
0.56336	-0.360165	0.095144	-0.196134
2.43E-05	0.219005	-0.375968	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.534932	0.008787	0.654130
-3.04E-05	0.368234	1.941016	
0.14084	1.534932	0.008787	0.654130
-3.04E-05	0.093046	1.937332	
0.28168	1.534932	0.008787	0.654130
-3.04E-05	-0.180342	1.933647	
0.42252	1.534932	0.008787	0.654130
-3.04E-05	-0.454630	1.929963	
0.56336	1.534932	0.008787	0.654130
-3.04E-05	-0.728918	1.926278	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.828726	-0.062953	-0.506315
1.70E-05	-0.284561	-1.189266	
0.14084	-0.828726	-0.062953	-0.506315
1.70E-05	-0.072254	-1.162869	
0.28168	-0.828726	-0.062953	-0.506315
1.70E-05	0.140052	-1.136471	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
547

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-0.828726	-0.062953	-0.506315
1.70E-05	0.352359	-1.110074	
0.56336	-0.828726	-0.062953	-0.506315
1.70E-05	0.564666	-1.083677	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.063734	-0.047289	0.715333
-4.50E-05	0.401471	1.212423	
0.14084	1.063734	-0.047289	0.715333
-4.50E-05	0.101519	1.232252	
0.28168	1.063734	-0.047289	0.715333
-4.50E-05	-0.198433	1.252081	
0.42252	1.063734	-0.047289	0.715333
-4.50E-05	-0.498385	1.271910	
0.56336	1.063734	-0.047289	0.715333
-4.50E-05	-0.798337	1.291739	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.063734	0.047289	-0.715333
4.50E-05	-0.401471	-1.212423	
0.14084	-1.063734	0.047289	-0.715333
4.50E-05	-0.101519	-1.232252	
0.28168	-1.063734	0.047289	-0.715333
4.50E-05	0.198433	-1.252081	
0.42252	-1.063734	0.047289	-0.715333
4.50E-05	0.498385	-1.271910	
0.56336	-1.063734	0.047289	-0.715333
4.50E-05	0.798337	-1.291739	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.534932	0.095144	0.715333
4.50E-05	0.401471	1.941016	
0.14084	1.534932	0.095144	0.715333
4.50E-05	0.101519	1.937332	
0.28168	1.534932	0.095144	0.715333
4.50E-05	0.198433	1.933647	
0.42252	1.534932	0.095144	0.715333
4.50E-05	0.498385	1.929963	
0.56336	1.534932	0.095144	0.715333
4.50E-05	0.798337	1.926278	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.063734	-0.062953	-0.715333
-4.50E-05	-0.401471	-1.212423	
0.14084	-1.063734	-0.062953	-0.715333
-4.50E-05	-0.101519	-1.232252	
0.28168	-1.063734	-0.062953	-0.715333
-4.50E-05	-0.198433	-1.252081	
0.42252	-1.063734	-0.062953	-0.715333
-4.50E-05	-0.498385	-1.271910	
0.56336	-1.063734	-0.062953	-0.715333
-4.50E-05	-0.798337	-1.291739	

ELEM 274 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.121745	-0.021474	0.000218
-8.10E-08	0.000212	-0.093677	
0.57750	-0.121745	-0.021474	0.000218
-8.10E-08	0.000120	-0.084674	
0.71833	-0.121745	-0.021474	0.000218
-8.10E-08	2.92E-05	-0.075670	
0.85917	-0.121745	-0.021474	0.000218
-8.10E-08	-6.20E-05	-0.066666	
1.00000	-0.121745	-0.021474	0.000218
-8.10E-08	-0.000153	-0.057663	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
548

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.638372	0.106297	-0.013111
-4.36E-07	-0.013680	0.477561	
0.57750	0.638372	0.106297	-0.013111
-4.36E-07	-0.008183	0.432994	
0.71833	0.638372	0.106297	-0.013111
-4.36E-07	-0.002686	0.388427	
0.85917	0.638372	0.106297	-0.013111
-4.36E-07	0.002811	0.343859	
1.00000	0.638372	0.106297	-0.013111
-4.36E-07	0.008308	0.299292	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-2.286689	-0.371682	0.063678
2.73E-06	0.066523	-1.692430	
0.57750	-2.286689	-0.371682	0.063678
2.73E-06	0.039824	-1.536594	
0.71833	-2.286689	-0.371682	0.063678
2.73E-06	0.013126	-1.380759	
0.85917	-2.286689	-0.371682	0.063678
2.73E-06	-0.013573	-1.224924	
1.00000	-2.286689	-0.371682	0.063678
2.73E-06	-0.040271	-1.069088	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-1.828557	0.098067	-0.245205
4.57E-06	-0.257400	-0.262168	
0.57750	-1.828557	0.098067	-0.245205
4.57E-06	-0.154593	-0.303284	
0.71833	-1.828557	0.098067	-0.245205
4.57E-06	-0.051786	-0.344401	
0.85917	-1.828557	0.098067	-0.245205
4.57E-06	0.051021	-0.385518	
1.00000	-1.828557	0.098067	-0.245205
4.57E-06	0.153828	-0.426634	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	7.759646	0.894067	0.790985
2.54E-05	0.830125	4.671681	
0.57750	7.759646	0.894067	0.790985
2.54E-05	0.498488	4.296825	
0.71833	7.759646	0.894067	0.790985
2.54E-05	0.166852	3.921969	
0.85917	7.759646	0.894067	0.790985
2.54E-05	-0.164785	3.547113	
1.00000	7.759646	0.894067	0.790985
2.54E-05	-0.496421	3.172257	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-4.161027	-0.705275	-0.596565
-3.22E-05	-0.625780	-3.100968	
0.57750	-4.161027	-0.705275	-0.596565
-3.22E-05	-0.375657	-2.805267	
0.71833	-4.161027	-0.705275	-0.596565
-3.22E-05	-0.125535	-2.509566	
0.85917	-4.161027	-0.705275	-0.596565
-3.22E-05	0.124587	-2.213865	
1.00000	-4.161027	-0.705275	-0.596565
-3.22E-05	0.374709	-1.918164	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	5.351211	0.500910	0.854881
2.80E-05	0.896859	2.885574	
0.57750	5.351211	0.500910	0.854881
2.80E-05	0.538433	2.675557	
0.71833	5.351211	0.500910	0.854881
2.80E-05	0.180007	2.465540	
0.85917	5.351211	0.500910	0.854881
2.80E-05	-0.178419	2.255523	
1.00000	5.351211	0.500910	0.854881
2.80E-05	-0.536845	2.045506	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
549

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-5.351211	-0.500910	-0.854881
-2.80E-05	-0.896859	-2.885574	
0.57750	-5.351211	-0.500910	-0.854881
-2.80E-05	-0.538433	-2.675557	
0.71833	-5.351211	-0.500910	-0.854881
-2.80E-05	-0.180007	-2.465540	
0.85917	-5.351211	-0.500910	-0.854881
-2.80E-05	0.178419	-2.255523	
1.00000	-5.351211	-0.500910	-0.854881
-2.80E-05	0.536845	-2.045506	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	7.759646	0.894067	0.854881
2.80E-05	0.896859	4.671681	
0.57750	7.759646	0.894067	0.854881
2.80E-05	0.538433	4.296825	
0.71833	7.759646	0.894067	0.854881
2.80E-05	0.180007	3.921969	
0.85917	7.759646	0.894067	0.854881
2.80E-05	0.178419	3.547113	
1.00000	7.759646	0.894067	0.854881
2.80E-05	0.536845	3.172257	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-5.351211	-0.705275	-0.854881
-3.22E-05	-0.896859	-3.100968	
0.57750	-5.351211	-0.705275	-0.854881
-3.22E-05	-0.538433	-2.805267	
0.71833	-5.351211	-0.705275	-0.854881
-3.22E-05	-0.180007	-2.509566	
0.85917	-5.351211	-0.705275	-0.854881
-3.22E-05	-0.178419	-2.255523	
1.00000	-5.351211	-0.705275	-0.854881
-3.22E-05	-0.536845	-2.045506	

ELEM 275 ========== LENGTH = 2.977015

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.121403	-0.022060	0.001053
-1.01E-06	0.000644	-0.057679	
0.14083	-0.121403	-0.022060	0.001053
-1.01E-06	0.000203	-0.048430	
0.28166	-0.121403	-0.022060	0.001053
-1.01E-06	-0.000239	-0.039182	
0.42249	-0.121403	-0.022060	0.001053
-1.01E-06	-0.000681	-0.029933	
0.56332	-0.121403	-0.022060	0.001053
-1.01E-06	-0.001122	-0.020684	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.631362	0.109349	-0.017956
5.67E-06	-0.011266	0.299383	
0.14083	0.631362	0.109349	-0.017956
5.67E-06	-0.003738	0.253538	
0.28166	0.631362	0.109349	-0.017956
5.67E-06	0.003791	0.207692	
0.42249	0.631362	0.109349	-0.017956
5.67E-06	0.011319	0.161847	
0.56332	0.631362	0.109349	-0.017956
5.67E-06	0.018847	0.116002	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-2.254353	-0.382597	0.081361
-2.09E-05	0.051131	-1.069417	
0.14083	-2.254353	-0.382597	0.081361
-2.09E-05	0.017020	-0.909012	
0.28166	-2.254353	-0.382597	0.081361
-2.09E-05	-0.017091	-0.748606	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
550

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42249	-2.254353	-0.382597	0.081361
-2.09E-05	-0.051202	-0.588201	
0.56332	-2.254353	-0.382597	0.081361
-2.09E-05	-0.085313	-0.427796	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-1.933507	0.090092	-0.236011
2.22E-05	-0.149207	-0.425798	
0.14083	-1.933507	0.090092	-0.236011
2.22E-05	-0.050259	-0.463569	
0.28166	-1.933507	0.090092	-0.236011
2.22E-05	0.048690	-0.501341	
0.42249	-1.933507	0.090092	-0.236011
2.22E-05	0.147638	-0.539112	
0.56332	-1.933507	0.090092	-0.236011
2.22E-05	0.246586	-0.576884	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.089168	0.931019	0.748601
-7.47E-06	0.474014	3.171265	
0.14083	8.089168	0.931019	0.748601
-7.47E-06	0.160160	2.780932	
0.28166	8.089168	0.931019	0.748601
-7.47E-06	-0.153693	2.390598	
0.42249	8.089168	0.931019	0.748601
-7.47E-06	-0.467547	2.000265	
0.56332	8.089168	0.931019	0.748601
-7.47E-06	-0.781401	1.609932	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-4.411268	-0.725803	-0.577049
1.51E-06	-0.365317	-1.917754	
0.14083	-4.411268	-0.725803	-0.577049
1.51E-06	-0.123387	-1.613458	
0.28166	-4.411268	-0.725803	-0.577049
1.51E-06	0.118543	-1.309162	
0.42249	-4.411268	-0.725803	-0.577049
1.51E-06	0.360473	-1.004866	
0.56332	-4.411268	-0.725803	-0.577049
1.51E-06	0.602402	-0.700570	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	5.713413	0.526362	0.831015
-2.94E-05	0.525790	2.044169	
0.14083	5.713413	0.526362	0.831015
-2.94E-05	0.177384	1.823490	
0.28166	5.713413	0.526362	0.831015
-2.94E-05	-0.171023	1.602810	
0.42249	5.713413	0.526362	0.831015
-2.94E-05	-0.519429	1.382131	
0.56332	5.713413	0.526362	0.831015
-2.94E-05	-0.867835	1.161452	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.713413	-0.526362	-0.831015
2.94E-05	-0.525790	-2.044169	
0.14083	-5.713413	-0.526362	-0.831015
2.94E-05	-0.177384	-1.823490	
0.28166	-5.713413	-0.526362	-0.831015
2.94E-05	0.171023	-1.602810	
0.42249	-5.713413	-0.526362	-0.831015
2.94E-05	0.519429	-1.382131	
0.56332	-5.713413	-0.526362	-0.831015
2.94E-05	0.867835	-1.161452	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.089168	0.931019	0.831015
2.94E-05	0.525790	3.171265	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
551

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	8.089168	0.931019	0.831015
2.94E-05	0.177384	2.780932	
0.28166	8.089168	0.931019	0.831015
2.94E-05	0.171023	2.390598	
0.42249	8.089168	0.931019	0.831015
2.94E-05	0.519429	2.000265	
0.56332	8.089168	0.931019	0.831015
2.94E-05	0.867835	1.609932	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-5.713413	-0.725803	-0.831015
-2.94E-05	-0.525790	-2.044169	
0.14083	-5.713413	-0.725803	-0.831015
-2.94E-05	-0.177384	-1.823490	
0.28166	-5.713413	-0.725803	-0.831015
-2.94E-05	-0.171023	-1.602810	
0.42249	-5.713413	-0.725803	-0.831015
-2.94E-05	-0.519429	-1.382131	
0.56332	-5.713413	-0.725803	-0.831015
-2.94E-05	-0.867835	-1.161452	

ELEM 276 ========== LENGTH = 2.977110

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.205410	-0.051620	1.03E-05
-5.75E-08	5.90E-05	-0.163589	
0.57750	-0.205410	-0.051620	1.03E-05
-5.75E-08	5.47E-05	-0.141945	
0.71833	-0.205410	-0.051620	1.03E-05
-5.75E-08	5.03E-05	-0.120302	
0.85917	-0.205410	-0.051620	1.03E-05
-5.75E-08	4.60E-05	-0.098659	
1.00000	-0.205410	-0.051620	1.03E-05
-5.75E-08	4.17E-05	-0.077016	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	1.068540	0.253904	-0.009918
-7.12E-07	-0.011702	0.825438	
0.57750	1.068540	0.253904	-0.009918
-7.12E-07	-0.007544	0.718982	
0.71833	1.068540	0.253904	-0.009918
-7.12E-07	-0.003385	0.612526	
0.85917	1.068540	0.253904	-0.009918
-7.12E-07	0.000773	0.506069	
1.00000	1.068540	0.253904	-0.009918
-7.12E-07	0.004931	0.399613	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-3.816229	-0.884967	0.049331
3.93E-06	0.057815	-2.911576	
0.57750	-3.816229	-0.884967	0.049331
3.93E-06	0.037132	-2.540529	
0.71833	-3.816229	-0.884967	0.049331
3.93E-06	0.016449	-2.169482	
0.85917	-3.816229	-0.884967	0.049331
3.93E-06	-0.004235	-1.798436	
1.00000	-3.816229	-0.884967	0.049331
3.93E-06	-0.024918	-1.427389	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-3.286989	0.354360	-0.207606
4.13E-06	-0.238257	-0.090994	
0.57750	-3.286989	0.354360	-0.207606
4.13E-06	-0.151213	-0.239569	
0.71833	-3.286989	0.354360	-0.207606
4.13E-06	-0.064168	-0.388144	
0.85917	-3.286989	0.354360	-0.207606
4.13E-06	0.022876	-0.536719	
1.00000	-3.286989	0.354360	-0.207606
4.13E-06	0.109921	-0.685295	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
552

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	13.723522	1.978314	0.668233
2.98E-05	0.765993	7.725045	
0.57750	13.723522	1.978314	0.668233
2.98E-05	0.485817	6.895583	
0.71833	13.723522	1.978314	0.668233
2.98E-05	0.205642	6.066120	
0.85917	13.723522	1.978314	0.668233
2.98E-05	-0.074533	5.236658	
1.00000	13.723522	1.978314	0.668233
2.98E-05	-0.354708	4.407196	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-7.483435	-1.649991	-0.500050
-3.71E-05	-0.673907	-5.384325	
0.57750	-7.483435	-1.649991	-0.500050
-3.71E-05	-0.364248	-4.692521	
0.71833	-7.483435	-1.649991	-0.500050
-3.71E-05	-0.154588	-4.000717	
0.85917	-7.483435	-1.649991	-0.500050
-3.71E-05	0.055072	-3.308913	
1.00000	-7.483435	-1.649991	-0.500050
-3.71E-05	0.264732	-2.617109	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	9.701884	1.041727	0.717574
3.37E-05	0.823867	4.649881	
0.57750	9.701884	1.041727	0.717574
3.37E-05	0.523004	4.213108	
0.71833	9.701884	1.041727	0.717574
3.37E-05	0.222141	3.776336	
0.85917	9.701884	1.041727	0.717574
3.37E-05	0.078721	3.339563	
1.00000	9.701884	1.041727	0.717574
3.37E-05	0.379584	2.902791	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-9.701884	-1.041727	-0.717574
-3.37E-05	-0.823867	-4.649881	
0.57750	-9.701884	-1.041727	-0.717574
-3.37E-05	-0.523004	-4.213108	
0.71833	-9.701884	-1.041727	-0.717574
-3.37E-05	-0.222141	-3.776336	
0.85917	-9.701884	-1.041727	-0.717574
-3.37E-05	0.078721	-3.339563	
1.00000	-9.701884	-1.041727	-0.717574
-3.37E-05	0.379584	-2.902791	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	13.723522	1.978314	0.717574
3.37E-05	0.823867	7.725045	
0.57750	13.723522	1.978314	0.717574
3.37E-05	0.523004	6.895583	
0.71833	13.723522	1.978314	0.717574
3.37E-05	0.222141	6.066120	
0.85917	13.723522	1.978314	0.717574
3.37E-05	0.078721	5.236658	
1.00000	13.723522	1.978314	0.717574
3.37E-05	0.379584	4.407196	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-9.701884	-1.649991	-0.717574
-3.71E-05	-0.823867	-5.384325	
0.57750	-9.701884	-1.649991	-0.717574
-3.71E-05	-0.523004	-4.692521	
0.71833	-9.701884	-1.649991	-0.717574
-3.71E-05	-0.222141	-4.000717	
0.85917	-9.701884	-1.649991	-0.717574
-3.71E-05	-0.078721	-3.339563	
1.00000	-9.701884	-1.649991	-0.717574
-3.71E-05	-0.379584	-2.902791	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
553

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 277 ========== LENGTH = 2.977170

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.205887	-0.050110	0.001093
-1.18E-06	0.000622	-0.077017	
0.14083	-0.205887	-0.050110	0.001093
-1.18E-06	0.000164	-0.056006	
0.28167	-0.205887	-0.050110	0.001093
-1.18E-06	-0.000294	-0.034995	
0.42251	-0.205887	-0.050110	0.001093
-1.18E-06	-0.000753	-0.013985	
0.56334	-0.205887	-0.050110	0.001093
-1.18E-06	-0.001211	0.007026	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	1.078535	0.245640	-0.016032
6.68E-06	0.008575	0.393916	
0.14084	1.078535	0.245640	-0.016032
6.68E-06	-0.002053	0.296620	
0.28167	1.078535	0.245640	-0.016032
6.68E-06	0.004669	0.193625	
0.42251	1.078535	0.245640	-0.016032
6.68E-06	0.011391	0.090630	
0.56334	1.078535	0.245640	-0.016032
6.68E-06	0.018113	-0.012365	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.862402	-0.854931	0.071547
-2.47E-05	0.038947	-1.427396	
0.14084	-3.862402	-0.854931	0.071547
-2.47E-05	0.008947	-1.068930	
0.28167	-3.862402	-0.854931	0.071547
-2.47E-05	-0.021052	-0.710464	
0.42251	-3.862402	-0.854931	0.071547
-2.47E-05	-0.051051	-0.351998	
0.56334	-3.862402	-0.854931	0.071547
-2.47E-05	-0.081050	0.006468	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.133812	0.274864	-0.194376
2.19E-05	-0.102494	-0.685301	
0.14084	-3.133812	0.274864	-0.194376
2.19E-05	-0.020994	-0.800549	
0.28167	-3.133812	0.274864	-0.194376
2.19E-05	0.060507	-0.915797	
0.42251	-3.133812	0.274864	-0.194376
2.19E-05	0.142007	-1.031046	
0.56334	-3.133812	0.274864	-0.194376
2.19E-05	0.223508	-1.146294	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.244567	2.073897	0.609101
-4.81E-06	0.320642	4.407272	
0.14084	13.244567	2.073897	0.609101
-4.81E-06	0.096251	3.537703	
0.28167	13.244567	2.073897	0.609101
-4.81E-06	-0.190141	2.668134	
0.42251	13.244567	2.073897	0.609101
-4.81E-06	-0.445532	1.798565	
0.56334	13.244567	2.073897	0.609101
-4.81E-06	-0.700924	0.928996	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-7.121001	-1.689360	-0.471333
2.11E-06	-0.248941	-2.617175	
0.14084	-7.121001	-1.689360	-0.471333
2.11E-06	-0.051315	-1.908839	
0.28167	-7.121001	-1.689360	-0.471333
2.11E-06	0.146311	-1.200503	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
554

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-7.121001	-1.689360	-0.471333
2.11E-06	0.343938	-0.492167	
0.56334	-7.121001	-1.689360	-0.471333
2.11E-06	0.541564	0.216169	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	9.176279	1.168856	0.681741
-3.07E-05	0.360211	2.902860	
0.14084	9.176279	1.168856	0.681741
-3.07E-05	0.074362	2.412767	
0.28167	9.176279	1.168856	0.681741
-3.07E-05	-0.211487	1.922675	
0.42251	9.176279	1.168856	0.681741
-3.07E-05	-0.497336	1.432582	
0.56334	9.176279	1.168856	0.681741
-3.07E-05	-0.783185	0.942490	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.176279	-1.168856	-0.681741
3.07E-05	-0.360211	-2.902860	
0.14084	-9.176279	-1.168856	-0.681741
3.07E-05	-0.074362	-2.412767	
0.28167	-9.176279	-1.168856	-0.681741
3.07E-05	0.211487	-1.922675	
0.42251	-9.176279	-1.168856	-0.681741
3.07E-05	0.497336	-1.432582	
0.56334	-9.176279	-1.168856	-0.681741
3.07E-05	0.783185	-0.942490	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	13.244567	2.073897	0.681741
3.07E-05	0.360211	4.407272	
0.14084	13.244567	2.073897	0.681741
3.07E-05	0.074362	3.537703	
0.28167	13.244567	2.073897	0.681741
3.07E-05	0.211487	2.668134	
0.42251	13.244567	2.073897	0.681741
3.07E-05	0.497336	1.798565	
0.56334	13.244567	2.073897	0.681741
3.07E-05	0.783185	0.942490	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.176279	-1.689360	-0.681741
-3.07E-05	-0.360211	-2.902860	
0.14084	-9.176279	-1.689360	-0.681741
-3.07E-05	-0.074362	-2.412767	
0.28167	-9.176279	-1.689360	-0.681741
-3.07E-05	-0.211487	-1.922675	
0.42251	-9.176279	-1.689360	-0.681741
-3.07E-05	-0.497336	-1.432582	
0.56334	-9.176279	-1.689360	-0.681741
-3.07E-05	-0.783185	-1.146294	

ELEM 278 ========== LENGTH = 2.978100

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.147371	0.190751	0.475875
5.12E-05	0.544784	1.311136	
0.57739	-0.147371	0.190751	0.475875
5.12E-05	0.345143	1.231111	
0.71826	-0.147371	0.190751	0.475875
5.12E-05	0.145501	1.151087	
0.85913	-0.147371	0.190751	0.475875
5.12E-05	-0.054140	1.071062	
1.00000	-0.147371	0.190751	0.475875
5.12E-05	-0.253781	0.991037	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
555

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.241137	-1.054916	-0.656271
-5.29E-05	-0.751527	-2.709859	
0.57739	0.241137	-1.054916	-0.656271
-5.29E-05	-0.476205	-2.267296	
0.71826	0.241137	-1.054916	-0.656271
-5.29E-05	-0.200883	-1.824732	
0.85913	0.241137	-1.054916	-0.656271
-5.29E-05	0.074439	-1.382168	
1.00000	0.241137	-1.054916	-0.656271
-5.29E-05	0.349760	-0.939604	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.221950	0.751573	0.226019
-2.61E-06	0.259013	0.621651	
0.57739	-0.221950	0.751573	0.226019
-2.61E-06	0.164192	0.306348	
0.71826	-0.221950	0.751573	0.226019
-2.61E-06	0.069372	-0.008956	
0.85913	-0.221950	0.751573	0.226019
-2.61E-06	-0.025449	-0.324260	
1.00000	-0.221950	0.751573	0.226019
-2.61E-06	-0.120269	-0.639563	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.019323	-0.432113	-0.051565
2.35E-06	-0.059114	-0.706791	
0.57739	0.019323	-0.432113	-0.051565
2.35E-06	-0.037481	-0.525509	
0.71826	0.019323	-0.432113	-0.051565
2.35E-06	-0.015848	-0.344227	
0.85913	0.019323	-0.432113	-0.051565
2.35E-06	0.005784	-0.162945	
1.00000	0.019323	-0.432113	-0.051565
2.35E-06	0.027417	0.018337	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.132895	0.663978	0.007287
2.44E-06	0.008394	1.808775	
0.57739	0.132895	0.663978	0.007287
2.44E-06	0.005337	1.530220	
0.71826	0.132895	0.663978	0.007287
2.44E-06	0.002280	1.251665	
0.85913	0.132895	0.663978	0.007287
2.44E-06	-0.000777	0.973110	
1.00000	0.132895	0.663978	0.007287
2.44E-06	-0.003834	0.694554	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.024032	-0.119272	-0.001345
-4.41E-07	-0.001550	-0.324912	
0.57739	-0.024032	-0.119272	-0.001345
-4.41E-07	-0.000985	-0.274874	
0.71826	-0.024032	-0.119272	-0.001345
-4.41E-07	-0.000421	-0.224837	
0.85913	-0.024032	-0.119272	-0.001345
-4.41E-07	0.000143	-0.174799	
1.00000	-0.024032	-0.119272	-0.001345
-4.41E-07	0.000707	-0.124761	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.236427	1.606301	0.709180
5.10E-05	0.812190	3.741562	
0.57739	-0.236427	1.606301	0.709180
5.10E-05	0.514672	3.067679	
0.71826	-0.236427	1.606301	0.709180
5.10E-05	0.217153	2.393795	
0.85913	-0.236427	1.606301	0.709180
5.10E-05	-0.080366	1.719912	
1.00000	-0.236427	1.606301	0.709180
5.10E-05	-0.377885	1.046029	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.236427	-1.606301	-0.709180
-5.10E-05	-0.812190	-3.741562	
0.57739	0.236427	-1.606301	-0.709180
-5.10E-05	-0.514672	-3.067679	
0.71826	0.236427	-1.606301	-0.709180
-5.10E-05	-0.217153	-2.393795	
0.85913	0.236427	-1.606301	-0.709180
-5.10E-05	0.080366	-1.719912	
1.00000	0.236427	-1.606301	-0.709180
-5.10E-05	0.377885	-1.046029	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.241137	1.606301	0.709180
5.12E-05	0.812190	3.741562	
0.57739	0.241137	1.606301	0.709180
5.12E-05	0.514672	3.067679	
0.71826	0.241137	1.606301	0.709180
5.12E-05	0.217153	2.393795	
0.85913	0.241137	1.606301	0.709180
5.12E-05	0.080366	1.719912	
1.00000	0.241137	1.606301	0.709180
5.12E-05	0.377885	1.046029	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.236427	-1.606301	-0.709180
-5.29E-05	-0.812190	-3.741562	
0.57739	-0.236427	-1.606301	-0.709180
-5.29E-05	-0.514672	-3.067679	
0.71826	-0.236427	-1.606301	-0.709180
-5.29E-05	-0.217153	-2.393795	
0.85913	-0.236427	-1.606301	-0.709180
-5.29E-05	-0.080366	-1.719912	
1.00000	-0.236427	-1.606301	-0.709180
-5.29E-05	-0.377885	-1.046029	

ELEM 279 ========== LENGTH = 2.977238

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.209265	0.137865	0.471190
-3.42E-05	0.248399	0.990990	
0.14084	0.209265	0.137865	0.471190
-3.42E-05	0.050825	0.933182	
0.28168	0.209265	0.137865	0.471190
-3.42E-05	-0.146750	0.875373	
0.42252	0.209265	0.137865	0.471190
-3.42E-05	-0.344324	0.817565	
0.56335	0.209265	0.137865	0.471190
-3.42E-05	-0.541899	0.759757	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.253473	-0.938045	-0.650743
6.09E-05	-0.343171	-0.939555	
0.14084	-0.253473	-0.938045	-0.650743
6.09E-05	-0.070308	-0.546224	
0.28168	-0.253473	-0.938045	-0.650743
6.09E-05	0.202554	-0.152893	
0.42252	-0.253473	-0.938045	-0.650743
6.09E-05	0.475417	0.240438	
0.56335	-0.253473	-0.938045	-0.650743
6.09E-05	0.748279	0.633770	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049737	0.670925	0.223263
-3.07E-05	0.117767	-0.639568	
0.14084	-0.049737	0.670925	0.223263
-3.07E-05	0.024150	-0.920893	
0.28168	-0.049737	0.670925	0.223263
-3.07E-05	-0.069466	-1.202219	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-0.049737	0.670925	0.223263
-3.07E-05	-0.163082	-1.483544	
0.56335	-0.049737	0.670925	0.223263
-3.07E-05	-0.256698	-1.764869	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020545	-0.407671	-0.051548
1.06E-05	-0.027218	0.018334	
0.14084	-0.020545	-0.407671	-0.051548
1.06E-05	-0.005603	0.189275	
0.28168	-0.020545	-0.407671	-0.051548
1.06E-05	0.016012	0.360215	
0.42252	-0.020545	-0.407671	-0.051548
1.06E-05	0.037626	0.531156	
0.56335	-0.020545	-0.407671	-0.051548
1.06E-05	0.059241	0.702096	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.139789	0.654493	0.009604
-8.00E-06	0.005174	0.694561	
0.14084	0.139789	0.654493	0.009604
-8.00E-06	0.001148	0.420126	
0.28168	0.139789	0.654493	0.009604
-8.00E-06	-0.002879	0.145691	
0.42252	0.139789	0.654493	0.009604
-8.00E-06	-0.006906	-0.128745	
0.56335	0.139789	0.654493	0.009604
-8.00E-06	-0.010933	-0.403180	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025299	-0.117567	-0.001765
1.44E-06	-0.000951	-0.124762	
0.14084	-0.025299	-0.117567	-0.001765
1.44E-06	-0.000211	-0.075465	
0.28168	-0.025299	-0.117567	-0.001765
1.44E-06	0.000529	-0.026168	
0.42252	-0.025299	-0.117567	-0.001765
1.44E-06	0.001269	0.023129	
0.56335	-0.025299	-0.117567	-0.001765
1.44E-06	0.002010	0.072426	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.299317	1.463283	0.704056
-7.29E-05	0.371340	1.045983	
0.14084	0.299317	1.463283	0.704056
-7.29E-05	0.076123	0.432414	
0.28168	0.299317	1.463283	0.704056
-7.29E-05	-0.219095	-0.181155	
0.42252	0.299317	1.463283	0.704056
-7.29E-05	-0.514313	-0.794723	
0.56335	0.299317	1.463283	0.704056
-7.29E-05	-0.809530	-1.408292	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.299317	-1.463283	-0.704056
7.29E-05	-0.371340	-1.045983	
0.14084	-0.299317	-1.463283	-0.704056
7.29E-05	-0.076123	-0.432414	
0.28168	-0.299317	-1.463283	-0.704056
7.29E-05	0.219095	0.181155	
0.42252	-0.299317	-1.463283	-0.704056
7.29E-05	0.514313	0.794723	
0.56335	-0.299317	-1.463283	-0.704056
7.29E-05	0.809530	1.408292	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.299317	1.463283	0.704056
7.29E-05	0.371340	1.045983	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.299317	1.463283	0.704056
7.29E-05	0.076123	0.933182	
0.28168	0.299317	1.463283	0.704056
7.29E-05	0.219095	0.875373	
0.42252	0.299317	1.463283	0.704056
7.29E-05	0.514313	0.817565	
0.56335	0.299317	1.463283	0.704056
7.29E-05	0.809530	1.408292	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.299317	-1.463283	-0.704056
-7.29E-05	-0.371340	-1.045983	
0.14084	-0.299317	-1.463283	-0.704056
-7.29E-05	-0.076123	-0.920893	
0.28168	-0.299317	-1.463283	-0.704056
-7.29E-05	-0.219095	-1.202219	
0.42252	-0.299317	-1.463283	-0.704056
-7.29E-05	-0.514313	-1.483544	
0.56335	-0.299317	-1.463283	-0.704056
-7.29E-05	-0.809530	-1.764869	

ELEM 280 ========== LENGTH = 2.978072

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.056474	0.018817	0.576443
4.51E-05	0.601749	0.796819	
0.57739	-0.056474	0.018817	0.576443
4.51E-05	0.359921	0.788924	
0.71826	-0.056474	0.018817	0.576443
4.51E-05	0.118092	0.781030	
0.85913	-0.056474	0.018817	0.576443
4.51E-05	-0.123736	0.773136	
1.00000	-0.056474	0.018817	0.576443
4.51E-05	-0.365564	0.765242	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.096007	-0.327635	-0.793382
-4.56E-05	-0.828485	-1.259083	
0.57739	0.096007	-0.327635	-0.793382
-4.56E-05	-0.495647	-1.121635	
0.71826	0.096007	-0.327635	-0.793382
-4.56E-05	-0.162809	-0.984186	
0.85913	0.096007	-0.327635	-0.793382
-4.56E-05	0.170029	-0.846737	
1.00000	0.096007	-0.327635	-0.793382
-4.56E-05	0.502866	-0.709288	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.012632	0.286069	0.270537
-4.02E-06	0.282855	-0.021515	
0.57739	-0.012632	0.286069	0.270537
-4.02E-06	0.169359	-0.141526	
0.71826	-0.012632	0.286069	0.270537
-4.02E-06	0.055864	-0.261537	
0.85913	-0.012632	0.286069	0.270537
-4.02E-06	-0.057631	-0.381548	
1.00000	-0.012632	0.286069	0.270537
-4.02E-06	-0.171126	-0.501559	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.017270	-0.155363	-0.061928
2.55E-06	-0.064741	-0.241026	
0.57739	0.017270	-0.155363	-0.061928
2.55E-06	-0.038761	-0.175848	
0.71826	0.017270	-0.155363	-0.061928
2.55E-06	-0.012781	-0.110671	
0.85913	0.017270	-0.155363	-0.061928
2.55E-06	0.013199	-0.045493	
1.00000	0.017270	-0.155363	-0.061928
2.55E-06	0.039179	0.019685	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.053680	0.217107	0.010207
2.43E-06	0.010568	0.883494	
0.57739	-0.053680	0.217107	0.010207
2.43E-06	0.006285	0.792414	
0.71826	-0.053680	0.217107	0.010207
2.43E-06	0.002003	0.701334	
0.85913	-0.053680	0.217107	0.010207
2.43E-06	-0.002279	0.610254	
1.00000	-0.053680	0.217107	0.010207
2.43E-06	-0.006561	0.519173	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.009509	-0.038994	-0.001878
-4.39E-07	-0.000145	-0.158888	
0.57739	0.009509	-0.038994	-0.001878
-4.39E-07	-0.001157	-0.142329	
0.71826	0.009509	-0.038994	-0.001878
-4.39E-07	-0.000369	-0.125971	
0.85913	0.009509	-0.038994	-0.001878
-4.39E-07	0.000418	-0.109612	
1.00000	0.009509	-0.038994	-0.001878
-4.39E-07	0.001206	-0.093253	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.122786	0.521993	0.857188
4.35E-05	0.895171	1.658798	
0.57739	-0.122786	0.521993	0.857188
4.35E-05	0.535566	1.439812	
0.71826	-0.122786	0.521993	0.857188
4.35E-05	0.175960	1.220827	
0.85913	-0.122786	0.521993	0.857188
4.35E-05	-0.183646	1.001842	
1.00000	-0.122786	0.521993	0.857188
4.35E-05	-0.543251	0.782856	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.122786	-0.521993	-0.857188
-4.35E-05	-0.895171	-1.658798	
0.57739	0.122786	-0.521993	-0.857188
-4.35E-05	-0.535566	-1.439812	
0.71826	0.122786	-0.521993	-0.857188
-4.35E-05	-0.175960	-1.220827	
0.85913	0.122786	-0.521993	-0.857188
-4.35E-05	0.183646	-1.001842	
1.00000	0.122786	-0.521993	-0.857188
-4.35E-05	0.543251	-0.782856	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.122786	0.521993	0.857188
4.51E-05	0.895171	1.658798	
0.57739	0.122786	0.521993	0.857188
4.51E-05	0.535566	1.439812	
0.71826	0.122786	0.521993	0.857188
4.51E-05	0.175960	1.220827	
0.85913	0.122786	0.521993	0.857188
4.51E-05	0.183646	1.001842	
1.00000	0.122786	0.521993	0.857188
4.51E-05	0.543251	0.782856	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.122786	-0.521993	-0.857188
-4.56E-05	-0.895171	-1.658798	
0.57739	-0.122786	-0.521993	-0.857188
-4.56E-05	-0.535566	-1.439812	
0.71826	-0.122786	-0.521993	-0.857188
-4.56E-05	-0.175960	-1.220827	
0.85913	-0.122786	-0.521993	-0.857188
-4.56E-05	-0.183646	-1.001842	
1.00000	-0.122786	-0.521993	-0.857188
-4.56E-05	-0.543251	-0.782856	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 281 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.303765	0.022257	0.570315
-2.69E-05	0.359145	0.765796	
0.14083	-0.303765	0.022257	0.570315
-2.69E-05	0.120029	0.756464	
0.28167	-0.303765	0.022257	0.570315
-2.69E-05	-0.119087	0.747133	
0.42250	-0.303765	0.022257	0.570315
-2.69E-05	-0.358203	0.737801	
0.56333	-0.303765	0.022257	0.570315
-2.69E-05	-0.597319	0.728470	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.438189	-0.332022	-0.785990
5.12E-05	-0.494947	-0.710506	
0.14083	0.438189	-0.332022	-0.785990
5.12E-05	-0.165405	-0.571299	
0.28167	0.438189	-0.332022	-0.785990
5.12E-05	0.164138	-0.432092	
0.42250	0.438189	-0.332022	-0.785990
5.12E-05	0.493680	-0.292885	
0.56333	0.438189	-0.332022	-0.785990
5.12E-05	0.823222	-0.153678	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.131223	0.284439	0.268096
-2.86E-05	0.168838	-0.500721	
0.14083	-0.131223	0.284439	0.268096
-2.86E-05	0.056433	-0.619978	
0.28167	-0.131223	0.284439	0.268096
-2.86E-05	-0.055972	-0.739235	
0.42250	-0.131223	0.284439	0.268096
-2.86E-05	-0.168377	-0.858491	
0.56333	-0.131223	0.284439	0.268096
-2.86E-05	-0.280782	-0.977748	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044563	-0.155948	-0.061711
9.80E-06	-0.038841	0.019432	
0.14083	0.044563	-0.155948	-0.061711
9.80E-06	-0.012968	0.084816	
0.28167	0.044563	-0.155948	-0.061711
9.80E-06	0.012906	0.150201	
0.42250	0.044563	-0.155948	-0.061711
9.80E-06	0.038780	0.215585	
0.56333	0.044563	-0.155948	-0.061711
9.80E-06	0.064654	0.280969	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.058084	0.220961	0.011384
-6.75E-06	0.007115	0.519269	
0.14083	-0.058084	0.220961	0.011384
-6.75E-06	0.002342	0.426627	
0.28167	-0.058084	0.220961	0.011384
-6.75E-06	-0.002431	0.333984	
0.42250	-0.058084	0.220961	0.011384
-6.75E-06	-0.007204	0.241342	
0.56333	-0.058084	0.220961	0.011384
-6.75E-06	-0.011976	0.148699	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010320	-0.039687	-0.002094
1.21E-06	-0.001309	-0.093270	
0.14083	0.010320	-0.039687	-0.002094
1.21E-06	-0.000431	-0.076630	
0.28167	0.010320	-0.039687	-0.002094
1.21E-06	0.000446	-0.059991	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	0.010320	-0.039687	-0.002094
1.21E-06	0.001324	-0.043351	
0.56333	0.010320	-0.039687	-0.002094
1.21E-06	0.002202	-0.026712	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.493072	0.527657	0.849795
-6.22E-05	0.535097	0.784344	
0.14083	-0.493072	0.527657	0.849795
-6.22E-05	0.178804	0.563113	
0.28167	-0.493072	0.527657	0.849795
-6.22E-05	-0.177490	0.341882	
0.42250	-0.493072	0.527657	0.849795
-6.22E-05	-0.533784	0.120652	
0.56333	-0.493072	0.527657	0.849795
-6.22E-05	-0.890078	-0.100579	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.493072	-0.527657	-0.849795
6.22E-05	-0.535097	-0.784344	
0.14083	0.493072	-0.527657	-0.849795
6.22E-05	-0.178804	-0.563113	
0.28167	0.493072	-0.527657	-0.849795
6.22E-05	0.177490	-0.341882	
0.42250	0.493072	-0.527657	-0.849795
6.22E-05	0.533784	-0.120652	
0.56333	0.493072	-0.527657	-0.849795
6.22E-05	0.890078	0.100579	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.493072	0.527657	0.849795
6.22E-05	0.535097	0.784344	
0.14083	0.493072	0.527657	0.849795
6.22E-05	0.178804	0.756464	
0.28167	0.493072	0.527657	0.849795
6.22E-05	0.177490	0.747133	
0.42250	0.493072	0.527657	0.849795
6.22E-05	0.533784	0.737801	
0.56333	0.493072	0.527657	0.849795
6.22E-05	0.890078	0.728470	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.493072	-0.527657	-0.849795
-6.22E-05	-0.535097	-0.784344	
0.14083	-0.493072	-0.527657	-0.849795
-6.22E-05	-0.178804	-0.619978	
0.28167	-0.493072	-0.527657	-0.849795
-6.22E-05	-0.177490	-0.739235	
0.42250	-0.493072	-0.527657	-0.849795
-6.22E-05	-0.533784	-0.858491	
0.56333	-0.493072	-0.527657	-0.849795
-6.22E-05	-0.890078	-0.977748	

ELEM 282 ========== LENGTH = 2.977211

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.254187	-0.089528	0.500428
4.90E-05	0.558677	0.269178	
0.57749	-0.254187	-0.089528	0.500428
4.90E-05	0.348846	0.326718	
0.71833	-0.254187	-0.089528	0.500428
4.90E-05	0.139016	0.364257	
0.85916	-0.254187	-0.089528	0.500428
4.90E-05	-0.070815	0.401796	
1.00000	-0.254187	-0.089528	0.500428
4.90E-05	-0.280646	0.439336	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.350839	0.057186	-0.680189
-5.20E-05	-0.759798	-0.269902	
0.57749	0.350839	0.057186	-0.680189
-5.20E-05	-0.474593	-0.293880	
0.71833	0.350839	0.057186	-0.680189
-5.20E-05	-0.189388	-0.317858	
0.85916	0.350839	0.057186	-0.680189
-5.20E-05	0.095817	-0.341837	
1.00000	0.350839	0.057186	-0.680189
-5.20E-05	0.381022	-0.365815	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.008899	0.061155	0.220579
-2.35E-07	0.247016	-0.242548	
0.57749	-0.008899	0.061155	0.220579
-2.35E-07	0.154526	-0.268190	
0.71833	-0.008899	0.061155	0.220579
-2.35E-07	0.062037	-0.293833	
0.85916	-0.008899	0.061155	0.220579
-2.35E-07	-0.030453	-0.319476	
1.00000	-0.008899	0.061155	0.220579
-2.35E-07	-0.122942	-0.345118	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.040134	-0.017833	-0.050552
1.74E-06	-0.056580	-0.010663	
0.57749	0.040134	-0.017833	-0.050552
1.74E-06	-0.035384	-0.003185	
0.71833	0.040134	-0.017833	-0.050552
1.74E-06	-0.014187	0.004293	
0.85916	0.040134	-0.017833	-0.050552
1.74E-06	0.007009	-0.011770	
1.00000	0.040134	-0.017833	-0.050552
1.74E-06	0.028205	0.019248	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.155836	-0.013381	0.011914
1.87E-06	0.013081	0.285154	
0.57749	-0.155836	-0.013381	0.011914
1.87E-06	0.008086	0.290764	
0.71833	-0.155836	-0.013381	0.011914
1.87E-06	0.003090	0.296375	
0.85916	-0.155836	-0.013381	0.011914
1.87E-06	-0.001905	0.301985	
1.00000	-0.155836	-0.013381	0.011914
1.87E-06	-0.006901	0.307596	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.027948	0.002401	-0.002181
-3.38E-07		-0.002396	-0.051220	
0.57749		0.027948	0.002401	-0.002181
-3.38E-07		-0.001481	-0.052227	
0.71833		0.027948	0.002401	-0.002181
-3.38E-07		-0.000567	-0.053233	
0.85916		0.027948	0.002401	-0.002181
-3.38E-07		0.000347	-0.054240	
1.00000		0.027948	0.002401	-0.002181
-3.38E-07		0.001262	-0.055247	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-0.418922	-0.041754	0.732921
5.06E-05		0.818774	0.331784	
0.57749		-0.418922	-0.041754	0.732921
5.06E-05		0.511458	0.349292	
0.71833		-0.418922	-0.041754	0.732921
5.06E-05		0.204143	0.366799	
0.85916		-0.418922	-0.041754	0.732921
5.06E-05		-0.103173	0.384306	
1.00000		-0.418922	-0.041754	0.732921
5.06E-05		-0.410489	0.401814	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
563

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.418922	0.041754	-0.732921
-5.06E-05		-0.818774	-0.331784	
0.57749		0.418922	0.041754	-0.732921
-5.06E-05		-0.511458	-0.349292	
0.71833		0.418922	0.041754	-0.732921
-5.06E-05		-0.204143	-0.366799	
0.85916		0.418922	0.041754	-0.732921
-5.06E-05		0.103173	-0.384306	
1.00000		0.418922	0.041754	-0.732921
-5.06E-05		0.410489	-0.401814	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		0.418922	0.061155	0.732921
5.06E-05		0.818774	0.331784	
0.57749		0.418922	0.061155	0.732921
5.06E-05		0.511458	0.349292	
0.71833		0.418922	0.061155	0.732921
5.06E-05		0.204143	0.366799	
0.85916		0.418922	0.061155	0.732921
5.06E-05		0.103173	0.384306	
1.00000		0.418922	0.061155	0.732921
5.06E-05		0.410489	0.439336	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43665		-0.418922	-0.089528	-0.732921
-5.20E-05		-0.818774	-0.331784	
0.57749		-0.418922	-0.089528	-0.732921
-5.20E-05		-0.511458	-0.349292	
0.71833		-0.418922	-0.089528	-0.732921
-5.20E-05		-0.204143	-0.366799	
0.85916		-0.418922	-0.089528	-0.732921
-5.20E-05		-0.103173	-0.384306	
1.00000		-0.418922	-0.089528	-0.732921
-5.20E-05		-0.410489	-0.401814	

ELEM 283 ========== LENGTH = 2.977332

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.249029	-0.066639	0.488993
-2.80E-05		0.270756	0.441405	
0.14084		-0.249029	-0.066639	0.488993
-2.80E-05		0.065705	0.469348	
0.28168		-0.249029	-0.066639	0.488993
-2.80E-05		-0.139346	0.497292	
0.42253		-0.249029	-0.066639	0.488993
-2.80E-05		-0.344396	0.525236	
0.56337		-0.249029	-0.066639	0.488993
-2.80E-05		-0.549447	0.553180	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.347493	0.005861	-0.665988
5.01E-05		-0.368712	-0.370473	
0.14084		0.347493	0.005861	-0.665988
5.01E-05		-0.089441	-0.372931	
0.28168		0.347493	0.005861	-0.665988
5.01E-05		0.189830	-0.375389	
0.42253		0.347493	0.005861	-0.665988
5.01E-05		0.469101	-0.377847	
0.56337		0.347493	0.005861	-0.665988
5.01E-05		0.748372	-0.380304	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.011829	0.098504	0.218836
-2.76E-05		0.121318	-0.341780	
0.14084		-0.011829	0.098504	0.218836
-2.76E-05		0.029553	-0.383086	
0.28168		-0.011829	0.098504	0.218836
-2.76E-05		-0.062212	-0.424392	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
564

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42253		-0.011829	0.098504	0.218836
-2.76E-05		0.165978	-0.465698	
0.56337		-0.011829	0.098504	0.218836
-2.76E-05		-0.245743	-0.507004	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041093	-0.028501	-0.049678
8.54E-06		-0.027448	0.018264	
0.14084		0.041093	-0.028501	-0.049678
8.54E-06		-0.006617	0.030216	
0.28168		0.041093	-0.028501	-0.049678
8.54E-06		0.014215	0.042167	
0.42253		0.041093	-0.028501	-0.049678
8.54E-06		0.035046	0.054119	
0.56337		0.041093	-0.028501	-0.049678
8.54E-06		0.055878	0.066070	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.155640	-0.011242	0.009608
-3.78E-06		0.005012	0.307883	
0.14084		-0.155640	-0.011242	0.009608
-3.78E-06		0.000983	0.312597	
0.28168		-0.155640	-0.011242	0.009608
-3.78E-06		-0.003046	0.317311	
0.42253		-0.155640	-0.011242	0.009608
-3.78E-06		-0.007075	0.322025	
0.56337		-0.155640	-0.011242	0.009608
-3.78E-06		-0.011104	0.326739	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.027912	0.002017	-0.001771
6.82E-07		-0.000926	-0.055298	
0.14084		0.027912	0.002017	-0.001771
6.82E-07		-0.000183	-0.056144	
0.28168		0.027912	0.002017	-0.001771
6.82E-07		0.000559	-0.056990	
0.42253		0.027912	0.002017	-0.001771
6.82E-07		0.001302	-0.057835	
0.56337		0.027912	0.002017	-0.001771
6.82E-07		0.002044	-0.058681	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.416498	0.020623	0.717437
-5.94E-05		0.397086	0.407508	
0.14084		-0.416498	0.020623	0.717437
-5.94E-05		0.096241	0.398859	
0.28168		-0.416498	0.020623	0.717437
-5.94E-05		-0.204604	0.390211	
0.42253		-0.416498	0.020623	0.717437
-5.94E-05		-0.505449	0.381563	
0.56337		-0.416498	0.020623	0.717437
-5.94E-05		-0.806294	0.372915	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.416498	-0.020623	-0.717437
5.94E-05		-0.397086	-0.407508	
0.14084		0.416498	-0.020623	-0.717437
5.94E-05		-0.096241	-0.398859	
0.28168		0.416498	-0.020623	-0.717437
5.94E-05		0.204604	-0.390211	
0.42253		0.416498	-0.020623	-0.717437
5.94E-05		0.505449	-0.381563	
0.56337		0.416498	-0.020623	-0.717437
5.94E-05		0.806294	-0.372915	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.416498	0.098504	0.717437
5.94E-05		0.397086	0.441405	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
565

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14084		0.416498	0.098504	0.717437
5.94E-05		0.096241	0.469348	
0.28168		0.416498	0.098504	0.717437
5.94E-05		0.204604	0.497292	
0.42253		0.416498	0.098504	0.717437
5.94E-05		0.505449	0.525236	
0.56337		0.416498	0.098504	0.717437
5.94E-05		0.806294	0.553180	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.416498	-0.066639	-0.717437
-5.94E-05		-0.397086	-0.407508	
0.14084		-0.416498	-0.066639	-0.717437
-5.94E-05		-0.096241	-0.398859	
0.28168		-0.416498	-0.066639	-0.717437
-5.94E-05		-0.204604	-0.424392	
0.42253		-0.416498	-0.066639	-0.717437
-5.94E-05		-0.505449	-0.465698	
0.56337		-0.416498	-0.066639	-0.717437
-5.94E-05		-0.806294	-0.507004	

ELEM 284 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.094844	-0.039134	0.493876
4.84E-05		0.549003	0.141994	
0.57745		-0.094844	-0.039134	0.493876
4.84E-05		0.341880	0.158406	
0.71830		-0.094844	-0.039134	0.493876
4.84E-05		0.134757	0.174818	
0.85915		-0.094844	-0.039134	0.493876
4.84E-05		-0.072367	0.191230	
1.00000		-0.094844	-0.039134	0.493876
4.84E-05		-0.279490	0.207642	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.139571	0.020235	-0.656655
-5.41E-05		-0.730316	-0.049052	
0.57745		0.139571	0.020235	-0.656655
-5.41E-05		-0.454925	-0.057538	
0.71830		0.139571	0.020235	-0.656655
-5.41E-05		-0.179535	-0.066024	
0.85915		0.139571	0.020235	-0.656655
-5.41E-05		0.095855	-0.074510	
1.00000		0.139571	0.020235	-0.656655
-5.41E-05		0.371245	-0.082996	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.015579	0.050383	0.196837
3.81E-06		0.219465	-0.222871	
0.57745		-0.015579	0.050383	0.196837
3.81E-06		0.136915	-0.244000	
0.71830		-0.015579	0.050383	0.196837
3.81E-06		0.054364	-0.265130	
0.85915		-0.015579	0.050383	0.196837
3.81E-06		-0.028186	-0.286260	
1.00000		-0.015579	0.050383	0.196837
3.81E-06		-0.110736	-0.307390	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.019405	-0.003202	-0.044008
6.53E-07		-0.049034	0.022972	
0.57745		0.019405	-0.003202	-0.044008
6.53E-07		-0.030578	0.024315	
0.71830		0.019405	-0.003202	-0.044008
6.53E-07		-0.012121	0.025658	
0.85915		0.019405	-0.003202	-0.044008
6.53E-07		0.006335	0.027000	
1.00000		0.019405	-0.003202	-0.044008
6.53E-07		0.024791	0.028343	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
566

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.059178	-0.034471	0.012185
1.44E-06		0.013327	0.130372	
0.57745		-0.059178	-0.034471	0.012185
1.44E-06		0.008217	0.144828	
0.71830		-0.059178	-0.034471	0.012185
1.44E-06		0.003107	0.159285	
0.85915		-0.059178	-0.034471	0.012185
1.44E-06		-0.002003	0.173742	
1.00000		-0.059178	-0.034471	0.012185
1.44E-06		-0.007113	0.188198	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.010625	0.006188	-0.002234
-2.62E-07		-0.002445	-0.025416	
0.57745		0.010625	0.006188	-0.002234
-2.62E-07		-0.001508	-0.026011	
0.71830		0.010625	0.006188	-0.002234
-2.62E-07		-0.000571	-0.026607	
0.85915		0.010625	0.006188	-0.002234
-2.62E-07		0.000366	-0.031202	
1.00000		0.010625	0.006188	-0.002234
-2.62E-07		0.001303	-0.033797	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.169601	-0.023221	0.702898
5.37E-05		0.781795	0.049496	
0.57745		-0.169601	-0.023221	0.702898
5.37E-05		0.487011	0.059234	
0.71830		-0.169601	-0.023221	0.702898
5.37E-05		0.192228	0.068973	
0.85915		-0.169601	-0.023221	0.702898
5.37E-05		-0.102555	0.078711	
1.00000		-0.169601	-0.023221	0.702898
5.37E-05		-0.397339	0.088450	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.169601	0.023221	-0.702898
-5.37E-05		-0.781795	-0.049496	
0.57745		0.169601	0.023221	-0.702898
-5.37E-05		-0.487011	-0.059234	
0.71830		0.169601	0.023221	-0.702898
-5.37E-05		-0.192228	-0.068973	
0.85915		0.169601	0.023221	-0.702898
-5.37E-05		0.102555	-0.078711	
1.00000		0.169601	0.023221	-0.702898
-5.37E-05		0.397339	-0.088450	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		0.169601	0.050383	0.702898
5.37E-05		0.781795	0.141994	
0.57745		0.169601	0.050383	0.702898
5.37E-05		0.487011	0.158406	
0.71830		0.169601	0.050383	0.702898
5.37E-05		0.192228	0.174818	
0.85915		0.169601	0.050383	0.702898
5.37E-05		0.102555	0.191230	
1.00000		0.169601	0.050383	0.702898
5.37E-05		0.397339	0.207642	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660		-0.169601	-0.039134	-0.702898
-5.41E-05		-0.781795	-0.222871	
0.57745		-0.169601	-0.039134	-0.702898
-5.41E-05		-0.487011	-0.244000	
0.71830		-0.169601	-0.039134	-0.702898
-5.41E-05		-0.192228	-0.265130	
0.85915		-0.169601	-0.039134	-0.702898
-5.41E-05		-0.102555	-0.286260	
1.00000		-0.169601	-0.039134	-0.702898
-5.41E-05		-0.397339	-0.307390	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
567

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 285 ========== LENGTH = 2.976426

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.097565	-0.052024	0.484023
-2.53E-05		0.270648	0.210076	
0.14081		-0.097565	-0.052024	0.484023
-2.53E-05		0.067791	0.231880	
0.28162		-0.097565	-0.052024	0.484023
-2.53E-05		-0.135066	0.253684	
0.42243		-0.097565	-0.052024	0.484023
-2.53E-05		-0.337923	0.275487	
0.56323		-0.097565	-0.052024	0.484023
-2.53E-05		-0.540780	0.297291	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.146534	0.049184	-0.645104
4.45E-05		0.360773	-0.088605	
0.14081		0.146534	0.049184	-0.645104
4.45E-05		-0.090406	-0.109119	
0.28162		0.146534	0.049184	-0.645104
4.45E-05		0.179962	-0.129732	
0.42243		0.146534	0.049184	-0.645104
4.45E-05		0.450329	-0.150345	
0.56323		0.146534	0.049184	-0.645104
4.45E-05		0.720697	-0.170959	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.021302	0.029577	0.196923
-2.44E-05		0.110417	-0.303419	
0.14081		-0.021302	0.029577	0.196923
-2.44E-05		0.027885	-0.315815	
0.28162		-0.021302	0.029577	0.196923
-2.44E-05		-0.054646	-0.328211	
0.42243		-0.021302	0.029577	0.196923
-2.44E-05		-0.137178	-0.340607	
0.56323		-0.021302	0.029577	0.196923
-2.44E-05		-0.219710	-0.353003	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.021003	0.002874	-0.043437
7.29E-06		-0.024267	0.027174	
0.14081		0.021003	0.002874	-0.043437
7.29E-06		-0.006063	0.025969	
0.28162		0.021003	0.002874	-0.043437
7.29E-06		0.012142	0.024765	
0.42243		0.021003	0.002874	-0.043437
7.29E-06		0.030347	0.023560	
0.56323		0.021003	0.002874	-0.043437
7.29E-06		0.048551	0.022356	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.059319	-0.036090	0.009320
-2.46E-06		0.004881	0.188532	
0.14081		-0.059319	-0.036090	0.009320
-2.46E-06		0.000975	0.203657	
0.28162		-0.059319	-0.036090	0.009320
-2.46E-06		-0.002932	0.218783	
0.42243		-0.059319	-0.036090	0.009320
-2.46E-06		-0.006838	0.233908	
0.56323		-0.059319	-0.036090	0.009320
-2.46E-06		-0.010744	0.249034	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.010650	0.006479	-0.001725
4.46E-07		-0.000906	-0.033857	
0.14081		0.010650	0.006479	-0.001725
4.46E-07		-0.000183	-0.036573	
0.28162		0.010650	0.006479	-0.001725
4.46E-07		0.000540	-0.039288	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
568

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42243		0.010650	0.006479	-0.001725
4.46E-07		0.001263	-0.042004	
0.56323		0.010650	0.006479	-0.001725
4.46E-07		0.001985	-0.044719	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.178187	-0.058537	0.690266
-5.22E-05		0.385946	0.095188	
0.14081		-0.178187	-0.058537	0.690266
-5.22E-05		0.096651	0.119722	
0.28162		-0.178187	-0.058537	0.690266
-5.22E-05		-0.192644	0.144255	
0.42243		-0.178187	-0.058537	0.690266
-5.22E-05		-0.481939	0.168789	
0.56323		-0.178187	-0.058537	0.690266
-5.22E-05		-0.771233	0.193322	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.178187	0.058537	-0.690266
5.22E-05		-0.385946	-0.095188	
0.14081		0.178187	0.058537	-0.690266
5.22E-05		-0.096651	-0.119722	
0.28162		0.178187	0.058537	-0.690266
5.22E-05		0.192644	0.144255	
0.42243		0.178187	0.058537	-0.690266
5.22E-05		0.481939	0.168789	
0.56323		0.178187	0.058537	-0.690266
5.22E-05		0.771233	0.193322	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.178187	0.058537	0.690266
5.22E-05		0.385946	0.210076	
0.14081		0.178187	0.058537	0.690266
5.22E-05		0.096651	0.231880	
0.28162		0.178187	0.058537	0.690266
5.22E-05		0.192644	0.253684	
0.42243		0.178187	0.058537	0.690266
5.22E-05		0.481939	0.275487	
0.56323		0.178187	0.058537	0.690266
5.22E-05		0.771233	0.297291	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.178187	-0.058537	-0.690266
-5.22E-05		-0.385946	-0.303419	
0.14081		-0.178187	-0.058537	-0.690266
-5.22E-05		-0.096651	-0.315815	
0.28162		-0.178187	-0.058537	-0.690266
-5.22E-05		-0.192644	-0.328211	
0.42243		-0.178187	-0.058537	-0.690266
-5.22E-05		-0.481939	-0.340607	
0.56323		-0.178187	-0.058537	-0.690266
-5.22E-05		-0.771233	-0.353003	

ELEM 286 ========== LENGTH = 2.976819

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		0.039693	0.028490	0.475274
4.71E-05		0.529285	0.121658	
0.57753		0.039693	0.028490	0.475274
4.71E-05		0.329048	0.109715	
0.71835		0.039693	0.028490	0.475274
4.71E-05		0.129810	0.097771	
0.85918		0.039693	0.028490	0.475274
4.71E-05		-0.069427	0.085828	
1.00000		0.039693	0.028490	0.475274
4.71E-05		-0.268664	0.073885	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
569

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		-0.025859	-0.049523	-0.611092
-5.35E-05		-0.679703	0.008730	
0.57753		-0.025859	-0.049523	-0.611092
-5.35E-05		-0.423530	0.029490	
0.71835		-0.025859	-0.049523	-0.611092
-5.35E-05		-0.167357	0.050251	
0.85918		-0.025859	-0.049523	-0.611092
-5.35E-05		0.088815	0.071011	
1.00000		-0.025859	-0.049523	-0.611092
-5.35E-05		0.344988	0.091771	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		-0.054657	0.032211	0.161624
5.68E-06		0.180365	-0.252727	
0.57753		-0.054657	0.032211	0.161624
5.68E-06		0.112612	-0.266230	
0.71835		-0.054657	0.032211	0.161624
5.68E-06		0.044858	-0.279732	
0.85918		-0.054657	0.032211	0.161624
5.68E-06		-0.022895	-0.293235	
1.00000		-0.054657	0.032211	0.161624
5.68E-06		-0.090649	-0.306738	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		0.006114	0.004487	-0.033772
3.14E-07		-0.037693	0.038223	
0.57753		0.006114	0.004487	-0.033772
3.14E-07		-0.023535	0.036342	
0.71835		0.006114	0.004487	-0.033772
3.14E-07		-0.009378	0.034461	
0.85918		0.006114	0.004487	-0.033772
3.14E-07		0.004780	0.032580	
1.00000		0.006114	0.004487	-0.033772
3.14E-07		0.018937	0.030698	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		0.042305	-0.019091	0.009774
5.36E-07		0.010732	0.102524	
0.57753		0.042305	-0.019091	0.009774
5.36E-07		0.006635	0.110527	
0.71835		0.042305	-0.019091	0.009774
5.36E-07		0.002538	0.118530	
0.85918		0.042305	-0.019091	0.009774
5.36E-07		-0.001560	0.126533	
1.00000		0.042305	-0.019091	0.009774
5.36E-07		-0.005657	0.134535	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		-0.007596	0.003426	-0.001809
-1.00E-07		-0.001988	-0.018408	
0.57753		-0.007596	0.003426	-0.001809
-1.00E-07		-0.001229	-0.019844	
0.71835		-0.007596	0.003426	-0.001809
-1.00E-07		-0.000471	-0.021280	
0.85918		-0.007596	0.003426	-0.001809
-1.00E-07		0.000287	-0.022716	
1.00000		-0.007596	0.003426	-0.001809
-1.00E-07		0.001045	-0.024152	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		0.027341	0.041610	0.646673
5.33E-05		0.719383	-0.028545	
0.57753		0.027341	0.041610	0.646673
5.33E-05		0.448294	-0.045988	
0.71835		0.027341	0.041610	0.646673
5.33E-05		0.177206	-0.063431	
0.85918		0.027341	0.041610	0.646673
5.33E-05		-0.093882	-0.080874	
1.00000		0.027341	0.041610	0.646673
5.33E-05		-0.364971	-0.098318	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
570

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		-0.027341	-0.041610	-0.646673
-5.33E-05		-0.719383	0.028545	
0.57753		-0.027341	-0.041610	-0.646673
-5.33E-05		-0.448294	0.045988	
0.71835		-0.027341	-0.041610	-0.646673
-5.33E-05		-0.177206	0.063431	
0.85918		-0.027341	-0.041610	-0.646673
-5.33E-05		0.093882	0.080874	
1.00000		-0.027341	-0.041610	-0.646673
-5.33E-05		0.364971	0.098318	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		0.042305	0.041610	0.646673
5.33E-05		0.719383	0.121658	
0.57753		0.042305	0.041610	0.646673
5.33E-05		0.448294	0.110527	
0.71835		0.042305	0.041610	0.646673
5.33E-05		0.177206	0.118530	
0.85918		0.042305	0.041610	0.646673
5.33E-05		0.093882	0.126533	
1.00000		0.042305	0.041610	0.646673
5.33E-05		0.364971	0.134535	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671		-0.054657	-0.049523	-0.646673
-5.35E-05		-0.719383	-0.252727	
0.57753		-0.054657	-0.049523	-0.646673
-5.35E-05		-0.448294	-0.266230	
0.71835		-0.054657	-0.049523	-0.646673
-5.35E-05		-0.177206	-0.279732	
0.85918		-0.054657	-0.049523	-0.646673
-5.35E-05		-0.093882	-0.293235	
1.00000		-0.054657	-0.049523	-0.646673
-5.35E-05		-0.364971	-0.306738	

ELEM 287 ========== LENGTH = 2.977700

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.035110	0.027144	0.465261
-2.15E-05		0.260216	0.077527	
0.14086		0.035110	0.027144	0.465261
-2.15E-05		0.065074	0.066142	
0.28171		0.035110	0.027144	0.465261
-2.15E-05		-0.130069	0.054757	
0.42257		0.035110	0.027144	0.465261
-2.15E-05		-0.325211	0.043372	
0.56342		0.035110	0.027144	0.465261
-2.15E-05		-0.520353	0.031987	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.014358	-0.046587	-0.599885
3.54E-05		-0.335501	0.083513	
0.14086		-0.014358	-0.046587	-0.599885
3.54E-05		-0.083894	0.103053	
0.28171		-0.014358	-0.046587	-0.599885
3.54E-05		0.167712	0.122593	
0.42257		-0.014358	-0.046587	-0.599885
3.54E-05		0.419319	0.142132	
0.56342		-0.014358	-0.046587	-0.599885
3.54E-05		0.670926	0.161672	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.063729	0.030302	0.161667
-1.78E-05		0.090553	-0.300770	
0.14086		-0.063729	0.030302	0.161667
-1.78E-05		0.022746	-0.313480	
0.28171		-0.063729	0.030302	0.161667
-1.78E-05		-0.045062	-0.326189	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
571

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257		-0.063729	0.030302	0.161667
-1.78E-05		0.013869	-0.338899	
0.56342		-0.063729	0.030302	0.161667
-1.78E-05		-0.180676	-0.351608	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008749	0.005073	-0.033476
5.14E-06		-0.018683	0.028944	
0.14086		0.008749	0.005073	-0.033476
5.14E-06		-0.004642	0.026816	
0.28171		0.008749	0.005073	-0.033476
5.14E-06		0.009399	0.024688	
0.42257		0.008749	0.005073	-0.033476
5.14E-06		0.023439	0.022561	
0.56342		0.008749	0.005073	-0.033476
5.14E-06		0.037480	0.020433	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041721	-0.019417	0.007912
-1.50E-06		0.004204	0.135027	
0.14086		0.041721	-0.019417	0.007912
-1.50E-06		0.000885	0.143171	
0.28171		0.041721	-0.019417	0.007912
-1.50E-06		-0.002433	0.151315	
0.42257		0.041721	-0.019417	0.007912
-1.50E-06		-0.005752	0.159459	
0.56342		0.041721	-0.019417	0.007912
-1.50E-06		-0.009071	0.167603	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.007493	0.003485	-0.001479
2.74E-07		-0.000789	-0.024241	
0.14086		-0.007493	0.003485	-0.001479
2.74E-07		-0.000168	-0.025702	
0.28171		-0.007493	0.003485	-0.001479
2.74E-07		0.000452	-0.027164	
0.42257		-0.007493	0.003485	-0.001479
2.74E-07		0.001073	-0.028625	
0.56342		-0.007493	0.003485	-0.001479
2.74E-07		0.001693	-0.030087	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.013102	0.038029	0.634841
-4.08E-05		0.354973	-0.088217	
0.14086		0.013102	0.038029	0.634841
-4.08E-05		0.088704	-0.104167	
0.28171		0.013102	0.038029	0.634841
-4.08E-05		-0.177564	-0.120117	
0.42257		0.013102	0.038029	0.634841
-4.08E-05		-0.443832	-0.136068	
0.56342		0.013102	0.038029	0.634841
-4.08E-05		-0.710100	-0.152018	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.013102	-0.038029	-0.634841
4.08E-05		-0.354973	0.088217	
0.14086		-0.013102	-0.038029	-0.634841
4.08E-05		-0.088704	0.104167	
0.28171		-0.013102	-0.038029	-0.634841
4.08E-05		0.177564	0.120117	
0.42257		-0.013102	-0.038029	-0.634841
4.08E-05		0.443832	0.136068	
0.56342		-0.013102	-0.038029	-0.634841
4.08E-05		0.710100	0.152018	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041721	0.038029	0.634841
4.08E-05		0.354973	0.135027	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
572

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14086		0.041721	0.038029	0.634841
4.08E-05		0.088704	0.143171	
0.28171		0.041721	0.038029	0.634841
4.08E-05		0.177564	0.151315	
0.42257		0.041721	0.038029	0.634841
4.08E-05		0.443832	0.159459	
0.56342		0.041721	0.038029	0.634841
4.08E-05		0.710100	0.167603	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.063729	-0.046587	-0.634841
-4.08E-05		-0.354973	-0.300770	
0.14086		-0.063729	-0.046587	-0.634841
-4.08E-05		-0.088704	-0.313480	
0.28171		-0.063729	-0.046587	-0.634841
-4.08E-05		-0.177564	-0.326189	
0.42257		-0.063729	-0.046587	-0.634841
-4.08E-05		-0.443832	-0.338899	
0.56342		-0.063729	-0.046587	-0.634841
-4.08E-05		-0.710100	-0.351608	

ELEM 288 ========== LENGTH = 2.977174

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		0.075244	0.084459	0.447679
4.67E-05		0.497816	0.118450	
0.57749		0.075244	0.084459	0.447679
4.67E-05		0.310107	0.083037	
0.71833		0.075244	0.084459	0.447679
4.67E-05		0.122398	0.047624	
0.85916		0.075244	0.084459	0.447679
4.67E-05		-0.065311	0.012211	
1.00000		0.075244	0.084459	0.447679
4.67E-05		-0.253019	-0.023202	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		-0.062256	-0.162281	-0.546760
-5.50E-05		-0.608460	-0.003858	
0.57749		-0.062256	-0.162281	-0.546760
-5.50E-05		-0.379207	0.064186	
0.71833		-0.062256	-0.162281	-0.546760
-5.50E-05		-0.149954	0.132229	
0.85916		-0.062256	-0.162281	-0.546760
-5.50E-05		0.079299	0.200273	
1.00000		-0.062256	-0.162281	-0.546760
-5.50E-05		0.308551	0.268317	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		-0.082278	0.092862	0.114274
8.88E-06		0.127743	-0.234080	
0.57749		-0.082278	0.092862	0.114274
8.88E-06		0.079828	-0.273016	
0.71833		-0.082278	0.092862	0.114274
8.88E-06		0.031914	-0.311953	
0.85916		-0.082278	0.092862	0.114274
8.88E-06		-0.016000	-0.350889	
1.00000		-0.082278	0.092862	0.114274
8.88E-06		-0.063915	-0.389826	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		0.005747	-0.007184	-0.019878
-4.32E-07		-0.022265	0.031448	
0.57749		0.005747	-0.007184	-0.019878
-4.32E-07		-0.013931	0.034460	
0.71833		0.005747	-0.007184	-0.019878
-4.32E-07		-0.005596	0.037472	
0.85916		0.005747	-0.007184	-0.019878
-4.32E-07		0.002739	0.040484	
1.00000		0.005747	-0.007184	-0.019878
-4.32E-07		0.011073	0.043496	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
573

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		0.077465	-0.009571	0.005787
-2.30E-07		0.006384	0.107298	
0.57749		0.077465	-0.009571	0.005787
-2.30E-07		0.003957	0.111310	
0.71833		0.077465	-0.009571	0.005787
-2.30E-07		0.001531	0.115323	
0.85916		0.077465	-0.009571	0.005787
-2.30E-07		-0.000896	0.119336	
1.00000		0.077465	-0.009571	0.005787
-2.30E-07		-0.003322	0.123349	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		-0.013921	0.001715	-0.001102
3.65E-08		-0.001117	-0.017258	
0.57749		-0.013921	0.001715	-0.001102
3.65E-08		-0.000755	-0.019977	
0.71833		-0.013921	0.001715	-0.001102
3.65E-08		-0.000293	-0.020696	
0.85916		-0.013921	0.001715	-0.001102
3.65E-08		0.000169	-0.021415	
1.00000		-0.013921	0.001715	-0.001102
3.65E-08		0.000631	-0.022134	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		0.070431	0.167750	0.567739
5.54E-05		0.631942	-0.008332	
0.57749		0.070431	0.167750	0.567739
5.54E-05		0.393893	-0.078668	
0.71833		0.070431	0.167750	0.567739
5.54E-05		0.155843	-0.149005	
0.85916		0.070431	0.167750	0.567739
5.54E-05		-0.082206	-0.219342	
1.00000		0.070431	0.167750	0.567739
5.54E-05		-0.320256	-0.289678	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		-0.070431	-0.167750	-0.567739
-5.54E-05		-0.631942	0.008332	
0.57749		-0.070431	-0.167750	-0.567739
-5.54E-05		-0.393893	0.078668	
0.71833		-0.070431	-0.167750	-0.567739
-5.54E-05		-0.155843	0.149005	
0.85916		-0.070431	-0.167750	-0.567739
-5.54E-05		0.082206	0.219342	
1.00000		-0.070431	-0.167750	-0.567739
-5.54E-05		0.320256	0.289678	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		0.077465	0.167750	0.567739
5.54E-05		0.631942	0.118450	
0.57749		0.077465	0.167750	0.567739
5.54E-05		0.393893	0.111310	
0.71833		0.077465	0.167750	0.567739
5.54E-05		0.155843	0.149005	
0.85916		0.077465	0.167750	0.567739
5.54E-05		0.082206	0.219342	
1.00000		0.077465	0.167750	0.567739
5.54E-05		0.320256	0.289678	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666		-0.082278	-0.167750	-0.567739
-5.54E-05		-0.631942	-0.234080	
0.57749		-0.082278	-0.167750	-0.567739
-5.54E-05		-0.393893	-0.273016	
0.71833		-0.082278	-0.167750	-0.567739
-5.54E-05		-0.155843	-0.311953	
0.85916		-0.082278	-0.167750	-0.567739
-5.54E-05		-0.082206	-0.350889	
1.00000		-0.082278	-0.167750	-0.567739
-5.54E-05		-0.320256	-0.389826	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
574

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 289 ========== LENGTH = 2.978167

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.068558	0.084440	0.439654
-1.77E-05		0.246146	-0.018501	
0.14087		0.068558	0.084440	0.439654
-1.77E-05		0.061693	-0.053927	
0.28174		0.068558	0.084440	0.439654
-1.77E-05		-0.122760	-0.089353	
0.42262		0.068558	0.084440	0.439654
-1.77E-05		-0.307213	-0.124779	
0.56349		0.068558	0.084440	0.439654
-1.77E-05		-0.491666	-0.160206	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.046229	-0.162473	-0.538520
2.63E-05		-0.301465	0.257638	
0.14087		-0.046229	-0.162473	-0.538520
2.63E-05		-0.075533	0.325802	
0.28174		-0.046229	-0.162473	-0.538520
2.63E-05		0.150398	0.393966	
0.42262		-0.046229	-0.162473	-0.538520
2.63E-05		0.376329	0.462130	
0.56349		-0.046229	-0.162473	-0.538520
2.63E-05		0.602261	0.530294	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.094441	0.093222	0.114672
-1.09E-05		0.064209	-0.382095	
0.14087		-0.094441	0.093222	0.114672
-1.09E-05		0.016099	-0.421205	
0.28174		-0.094441	0.093222	0.114672
-1.09E-05		-0.032010	-0.460316	
0.42262		-0.094441	0.093222	0.114672
-1.09E-05		-0.080120	-0.499426	
0.56349		-0.094441	0.093222	0.114672
-1.09E-05		-0.128229	-0.538536	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.009290	-0.007310	-0.019939
2.97E-06		-0.011116	0.041224	
0.14087		0.009290	-0.007310	-0.019939
2.97E-06		-0.002751	0.044291	
0.28174		0.009290	-0.007310	-0.019939
2.97E-06		0.005614	0.047357	
0.42262		0.009290	-0.007310	-0.019939
2.97E-06		0.013979	0.050424	
0.56349		0.009290	-0.007310	-0.019939
2.97E-06		0.022344	0.053491	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.076589	-0.009599	0.005121
-8.24E-07		0.002762	0.123982	
0.14087		0.076589	-0.009599	0.005121
-8.24E-07		0.000613	0.128009	
0.28174		0.076589	-0.009599	0.005121
-8.24E-07		-0.001535	0.132037	
0.42262		0.076589	-0.009599	0.005121
-8.24E-07		-0.003684	0.136064	
0.56349		0.076589	-0.009599	0.005121
-8.24E-07		-0.005833	0.140091	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.013766	0.001720	-0.000989
1.53E-07		-0.000536	-0.022248	
0.14087		-0.013766	0.001720	-0.000989
1.53E-07		-0.000121	-0.022970	
0.28174		-0.013766	0.001720	-0.000989
1.53E-07		0.000294	-0.023691	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
575

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42262		-0.013766	0.001720	-0.000989
1.53E-07		0.000709	-0.024413	
0.56349		-0.013766	0.001720	-0.000989
1.53E-07		0.001123	-0.025134	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.050706	0.168063	0.559447
-2.95E-05		0.313117	-0.276613	
0.14087		0.050706	0.168063	0.559447
-2.95E-05		0.078406	-0.347123	
0.28174		0.050706	0.168063	0.559447
-2.95E-05		-0.156306	-0.417632	
0.42262		0.050706	0.168063	0.559447
-2.95E-05		-0.391017	-0.488142	
0.56349		0.050706	0.168063	0.559447
-2.95E-05		-0.625728	-0.558651	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.050706	-0.168063	-0.559447
2.95E-05		-0.313117	0.276613	
0.14087		-0.050706	-0.168063	-0.559447
2.95E-05		-0.078406	0.347123	
0.28174		-0.050706	-0.168063	-0.559447
2.95E-05		0.156306	0.417632	
0.42262		-0.050706	-0.168063	-0.559447
2.95E-05		0.391017	0.488142	
0.56349		-0.050706	-0.168063	-0.559447
2.95E-05		0.625728	0.558651	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.076589	0.168063	0.559447
2.95E-05		0.313117	0.276613	
0.14087		0.076589	0.168063	0.559447
2.95E-05		0.078406	0.347123	
0.28174		0.076589	0.168063	0.559447
2.95E-05		0.156306	0.417632	
0.42262		0.076589	0.168063	0.559447
2.95E-05		0.391017	0.488142	
0.56349		0.076589	0.168063	0.559447
2.95E-05		0.625728	0.558651	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.094441	-0.168063	-0.559447
-2.95E-05		-0.313117	-0.382095	
0.14087		-0.094441	-0.168063	-0.559447
-2.95E-05		-0.078406	-0.421205	
0.28174		-0.094441	-0.168063	-0.559447
-2.95E-05		-0.156306	-0.460316	
0.42262		-0.094441	-0.168063	-0.559447
-2.95E-05		-0.391017	-0.499426	
0.56349		-0.094441	-0.168063	-0.559447
-2.95E-05		-0.625728	-0.558651	

ELEM 290 ========== LENGTH = 2.976714

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.034528	0.150552	0.412985
4.62E-05		0.459277	0.115041	
0.57754		0.034528	0.150552	0.412985
4.62E-05		0.286163	0.087933	
0.71836		0.034528	0.150552	0.412985
4.62E-05		0.113048	0.024825	
0.85918		0.034528	0.150552	0.412985
4.62E-05		-0.060066	-0.038283	
1.00000		0.034528	0.150552	0.412985
4.62E-05		-0.233181	-0.101391	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
576

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.036284	-0.328566	-0.465761
-5.57E-05		-0.518440	-0.072727	
0.57754		-0.036284	-0.328566	-0.465761
-5.57E-05		-0.323203	0.065000	
0.71836		-0.036284	-0.328566	-0.465761
-5.57E-05		-0.127966	0.202728	
0.85918		-0.036284	-0.328566	-0.465761
-5.57E-05		0.067271	0.340456	
1.00000		-0.036284	-0.328566	-0.465761
-5.57E-05		0.262508	0.478184	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		-0.033163	0.217556	0.054473
1.15E-05		0.061195	-0.205603	
0.57754		-0.033163	0.217556	0.054473
1.15E-05		0.038361	-0.296798	
0.71836		-0.033163	0.217556	0.054473
1.15E-05		0.015527	-0.387992	
0.85918		-0.033163	0.217556	0.054473
1.15E-05		-0.007307	-0.479187	
1.00000		-0.033163	0.217556	0.054473
1.15E-05		-0.030141	-0.570382	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		9.28E-05	-0.026472	-0.002377
-1.07E-06		-0.002802	0.026408	
0.57754		9.28E-05	-0.026472	-0.002377
-1.07E-06		-0.001806	0.037505	
0.71836		9.28E-05	-0.026472	-0.002377
-1.07E-06		-0.000810	0.048601	
0.85918		9.28E-05	-0.026472	-0.002377
-1.07E-06		0.000186	0.059697	
1.00000		9.28E-05	-0.026472	-0.002377
-1.07E-06		0.001183	0.070794	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672		0.042474	-0.015923	0.000919
-1.04E-06		0.001042	0.122942	
0.57754		0.042474	-0.015923	0.000919
-1.04E-06		0.000656	0.129617	
0.71836		0.042474	-0.015923	0.000919
-1.04E-06		0.000271	0.136291	
0.85918		0.042474	-0.015923	0.000919
-1.04E-06		-0.000115	0.142966	
1.00000		0.042474	-0.015923	0.000919
-1.04E-06		-0.000500	0.149640	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.007649	0.002853	-0.000240
1.82E-07	-0.000271	-0.022061	
0.57754	-0.007649	0.002853	-0.000240
1.82E-07	-0.000171	-0.023257	
0.71836	-0.007649	0.002853	-0.000240
1.82E-07	-7.02E-05	-0.024453	
0.85918	-0.007649	0.002853	-0.000240
1.82E-07	-2.04E-05	-0.025649	
1.00000	-0.007649	0.002853	-0.000240
1.82E-07	0.000131	-0.026845	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.043839	0.352184	0.468378
5.66E-05	0.521514	0.068380	
0.57754	0.043839	0.352184	0.468378
5.66E-05	0.325180	-0.079248	
0.71836	0.043839	0.352184	0.468378
5.66E-05	0.128846	-0.226876	
0.85918	0.043839	0.352184	0.468378
5.66E-05	-0.067488	-0.374504	
1.00000	0.043839	0.352184	0.468378
5.66E-05	-0.263822	-0.522132	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
577

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.521514	-0.068380	
0.57754	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.325180	0.079248	
0.71836	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.128846	0.226876	
0.85918	-0.043839	-0.352184	-0.468378
-5.66E-05	0.067488	0.374504	
1.00000	-0.043839	-0.352184	-0.468378
-5.66E-05	0.263822	0.522132	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.043839	0.352184	0.468378
5.66E-05	0.521514	0.151041	
0.57754	0.043839	0.352184	0.468378
5.66E-05	0.325180	0.129617	
0.71836	0.043839	0.352184	0.468378
5.66E-05	0.128846	0.226876	
0.85918	0.043839	0.352184	0.468378
5.66E-05	0.067488	0.374504	
1.00000	0.043839	0.352184	0.468378
5.66E-05	0.263822	0.522132	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.521514	-0.205603	
0.57754	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.325180	-0.296798	
0.71836	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.128846	-0.387992	
0.85918	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.067488	-0.479187	
1.00000	-0.043839	-0.352184	-0.468378
-5.66E-05	-0.263822	-0.570382	

ELEM 291 ========== LENGTH = 2.977605

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026461	0.150121	0.406817
-1.29E-05	0.227751	-0.095731	
0.14085	0.026461	0.150121	0.406817
-1.29E-05	0.057132	-0.158692	
0.28170	0.026461	0.150121	0.406817
-1.29E-05	-0.113488	-0.221653	
0.42256	0.026461	0.150121	0.406817
-1.29E-05	-0.284107	-0.284614	
0.56341	0.026461	0.150121	0.406817
-1.29E-05	-0.454727	-0.347576	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016637	-0.327596	-0.459799
1.51E-05	-0.257290	0.465317	
0.14085	-0.016637	-0.327596	-0.459799
1.51E-05	-0.064450	0.602711	
0.28170	-0.016637	-0.327596	-0.459799
1.51E-05	0.128390	0.740105	
0.42256	-0.016637	-0.327596	-0.459799
1.51E-05	0.321230	0.877499	
0.56341	-0.016637	-0.327596	-0.459799
1.51E-05	0.514070	1.014893	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048293	0.216905	0.054497
-2.53E-06	0.030311	-0.561062	
0.14085	-0.048293	0.216905	0.054497
-2.53E-06	0.007455	-0.652032	
0.28170	-0.048293	0.216905	0.054497
-2.53E-06	-0.015402	-0.743002	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
578

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.048293	0.216905	0.054497
-2.53E-06	-0.033258	-0.833972	
0.56341	-0.048293	0.216905	0.054497
-2.53E-06	-0.061114	-0.924942	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004499	-0.026374	-0.002518
2.42E-07	-0.001324	0.068056	
0.14085	0.004499	-0.026374	-0.002518
2.42E-07	-0.000268	0.079117	
0.28170	0.004499	-0.026374	-0.002518
2.42E-07	0.000788	0.090178	
0.42256	0.004499	-0.026374	-0.002518
2.42E-07	0.001845	0.101240	
0.56341	0.004499	-0.026374	-0.002518
2.42E-07	0.002901	0.112301	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041435	-0.015907	0.001323
9.59E-08	0.000731	0.150402	
0.14085	0.041435	-0.015907	0.001323
9.59E-08	0.000176	0.157074	
0.28170	0.041435	-0.015907	0.001323
9.59E-08	-0.000379	0.163745	
0.42256	0.041435	-0.015907	0.001323
9.59E-08	-0.000934	0.170416	
0.56341	0.041435	-0.015907	0.001323
9.59E-08	-0.001489	0.177088	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007465	0.002850	-0.000320
-1.17E-08	-0.000179	-0.026982	
0.14085	-0.007465	0.002850	-0.000320
-1.17E-08	-4.47E-05	-0.028178	
0.28170	-0.007465	0.002850	-0.000320
-1.17E-08	8.96E-05	-0.029373	
0.42256	-0.007465	0.002850	-0.000320
-1.17E-08	0.000224	-0.030569	
0.56341	-0.007465	0.002850	-0.000320
-1.17E-08	0.000358	-0.031764	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019603	0.351119	0.462637
-1.54E-05	0.258793	-0.506390	
0.14085	0.019603	0.351119	0.462637
-1.54E-05	0.064763	-0.653650	
0.28170	0.019603	0.351119	0.462637
-1.54E-05	-0.129268	-0.800910	
0.42256	0.019603	0.351119	0.462637
-1.54E-05	-0.323299	-0.948170	
0.56341	0.019603	0.351119	0.462637
-1.54E-05	-0.517329	-1.095430	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019603	-0.351119	-0.462637
1.54E-05	-0.258793	0.506390	
0.14085	-0.019603	-0.351119	-0.462637
1.54E-05	-0.064763	0.653650	
0.28170	-0.019603	-0.351119	-0.462637
1.54E-05	0.129268	0.800910	
0.42256	-0.019603	-0.351119	-0.462637
1.54E-05	0.323299	0.948170	
0.56341	-0.019603	-0.351119	-0.462637
1.54E-05	0.517329	1.095430	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041435	0.351119	0.462637
1.54E-05	0.258793	0.506390	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
579

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.041435	0.351119	0.462637
1.54E-05	0.064763	0.653650	
0.28170	0.041435	0.351119	0.462637
1.54E-05	0.129268	0.800910	
0.42256	0.041435	0.351119	0.462637
1.54E-05	0.323299	0.948170	
0.56341	0.041435	0.351119	0.462637
1.54E-05	0.517329	1.095430	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.048293	-0.351119	-0.462637
-1.54E-05	-0.258793	-0.561062	
0.14085	-0.048293	-0.351119	-0.462637
-1.54E-05	-0.064763	-0.653650	
0.28170	-0.048293	-0.351119	-0.462637
-1.54E-05	-0.129268	-0.800910	
0.42256	-0.048293	-0.351119	-0.462637
-1.54E-05	-0.323299	-0.948170	
0.56341	-0.048293	-0.351119	-0.462637
-1.54E-05	-0.517329	-1.095430	

ELEM 292 ========== LENGTH = 2.977120

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.048954	0.243041	0.370490
4.51E-05	0.412194	0.257919	
0.57750	-0.048954	0.243041	0.370490
4.51E-05	0.256855	0.156016	
0.71833	-0.048954	0.243041	0.370490
4.51E-05	0.101516	0.054114	
0.85917	-0.048954	0.243041	0.370490
4.51E-05	-0.053823	-0.047788	
1.00000	-0.048954	0.243041	0.370490
4.51E-05	-0.209162	-0.149690	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.024503	-0.563915	-0.366841
-5.52E-05	-0.408499	-0.242762	
0.57750	-0.024503	-0.563915	-0.366841
-5.52E-05	-0.254690	-0.006323	
0.71833	-0.024503	-0.563915	-0.366841
-5.52E-05	-0.100881	0.230115	
0.85917	-0.024503	-0.563915	-0.366841
-5.52E-05	0.052928	0.466553	
1.00000	-0.024503	-0.563915	-0.366841
-5.52E-05	0.206737	0.702992	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.150273	0.393102	-0.018922
1.32E-05	-0.020636	-0.183976	
0.57750	0.150273	0.393102	-0.018922
1.32E-05	-0.012702	-0.348796	
0.71833	0.150273	0.393102	-0.018922
1.32E-05	-0.004768	-0.513615	
0.85917	0.150273	0.393102	-0.018922
1.32E-05	0.003166	-0.678435	
1.00000	0.150273	0.393102	-0.018922
1.32E-05	0.011099	-0.843255	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.029385	-0.046017	0.018897
-1.65E-06	0.020919	0.032235	
0.57750	-0.029385	-0.046017	0.018897
-1.65E-06	0.012996	0.051529	
0.71833	-0.029385	-0.046017	0.018897
-1.65E-06	0.005072	0.070823	
0.85917	-0.029385	-0.046017	0.018897
-1.65E-06	-0.002851	0.090118	
1.00000	-0.029385	-0.046017	0.018897
-1.65E-06	-0.010774	0.109412	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
580

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.057801	-0.031937	-0.004309
-1.69E-06	-0.004727	0.166452	
0.57750	-0.057801	-0.031937	-0.004309
-1.69E-06	-0.002920	0.179842	
0.71833	-0.057801	-0.031937	-0.004309
-1.69E-06	-0.001113	0.193233	
0.85917	-0.057801	-0.031937	-0.004309
-1.69E-06	0.000694	0.206623	
1.00000	-0.057801	-0.031937	-0.004309
-1.69E-06	0.002500	0.220014	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.010371	0.005726	0.000685
2.97E-07	0.000748	-0.029869	
0.57750	0.010371	0.005726	0.000685
2.97E-07	0.000461	-0.032269	
0.71833	0.010371	0.005726	0.000685
2.97E-07	0.000174	-0.034670	
0.85917	0.010371	0.005726	0.000685
2.97E-07	-0.000113	-0.037071	
1.00000	0.010371	0.005726	0.000685
2.97E-07	-0.000400	-0.039472	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.043518	0.604206	0.347258
5.66E-05	0.386832	0.240395	
0.57750	0.043518	0.604206	0.347258
5.66E-05	0.241233	-0.012937	
0.71833	0.043518	0.604206	0.347258
5.66E-05	0.095635	-0.266268	
0.85917	0.043518	0.604206	0.347258
5.66E-05	-0.049964	-0.519600	
1.00000	0.043518	0.604206	0.347258
5.66E-05	-0.195562	-0.772932	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.043518	-0.604206	-0.347258
-5.66E-05	-0.386832	-0.240395	
0.57750	-0.043518	-0.604206	-0.347258
-5.66E-05	-0.241233	0.012937	
0.71833	-0.043518	-0.604206	-0.347258
-5.66E-05	-0.095635	0.266268	
0.85917	-0.043518	-0.604206	-0.347258
-5.66E-05	0.049964	0.519600	
1.00000	-0.043518	-0.604206	-0.347258
-5.66E-05	0.195562	0.772932	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.150273	0.604206	0.370490
5.66E-05	0.412194	0.257919	
0.57750	0.150273	0.604206	0.370490
5.66E-05	0.256855	0.179842	
0.71833	0.150273	0.604206	0.370490
5.66E-05	0.101516	0.266268	
0.85917	0.150273	0.604206	0.370490
5.66E-05	0.052928	0.519600	
1.00000	0.150273	0.604206	0.370490
5.66E-05	0.206737	0.772932	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.057801	-0.604206	-0.366841
-5.66E-05	-0.408499	-0.242762	
0.57750	-0.057801	-0.604206	-0.366841
-5.66E-05	-0.254690	-0.348796	
0.71833	-0.057801	-0.604206	-0.366841
-5.66E-05	-0.100881	-0.513615	
0.85917	-0.057801	-0.604206	-0.366841
-5.66E-05	-0.053823	-0.678435	
1.00000	-0.057801	-0.604206	-0.366841
-5.66E-05	-0.209162	-0.843255	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
581

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 293 ========== LENGTH = 2.977216

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060403	0.267776	0.366528
-7.67E-06	0.205341	-0.143182	
0.14084	-0.060403	0.267776	0.366528
-7.67E-06	0.051655	-0.255462	
0.28168	-0.060403	0.267776	0.366528
-7.67E-06	-0.102032	-0.367742	
0.42251	-0.060403	0.267776	0.366528
-7.67E-06	-0.255718	-0.480021	
0.56335	-0.060403	0.267776	0.366528
-7.67E-06	-0.409405	-0.592301	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002621	-0.620821	-0.363248
3.13E-06	0.203381	0.687198	
0.14084	0.002621	-0.620821	-0.363248
3.13E-06	-0.051069	0.948511	
0.28168	0.002621	-0.620821	-0.363248
3.13E-06	0.101242	1.208824	
0.42251	0.002621	-0.620821	-0.363248
3.13E-06	0.253553	1.469136	
0.56335	0.002621	-0.620821	-0.363248
3.13E-06	0.405865	1.729449	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.129693	0.435079	-0.019547
6.25E-06	-0.011231	-0.832542	
0.14084	0.129693	0.435079	-0.019547
6.25E-06	-0.003035	-1.014972	
0.28168	0.129693	0.435079	-0.019547
6.25E-06	0.005161	-1.197403	
0.42251	0.129693	0.435079	-0.019547
6.25E-06	0.013357	-1.379833	
0.56335	0.129693	0.435079	-0.019547
6.25E-06	0.021553	-1.562264	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023445	-0.058382	0.018855
-2.82E-06	0.010658	0.106268	
0.14084	-0.023445	-0.058382	0.018855
-2.82E-06	0.002752	0.130748	
0.28168	-0.023445	-0.058382	0.018855
-2.82E-06	-0.005154	0.155227	
0.42251	-0.023445	-0.058382	0.018855
-2.82E-06	-0.013060	0.179707	
0.56335	-0.023445	-0.058382	0.018855
-2.82E-06	-0.020966	0.204187	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059059	-0.028819	-0.003033
1.34E-06	-0.001620	0.220886	
0.14084	-0.059059	-0.028819	-0.003033
1.34E-06	-0.000349	0.232970	
0.28168	-0.059059	-0.028819	-0.003033
1.34E-06	0.000923	0.245054	
0.42251	-0.059059	-0.028819	-0.003033
1.34E-06	0.002194	0.257138	
0.56335	-0.059059	-0.028819	-0.003033
1.34E-06	0.003466	0.269222	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010593	0.005166	0.000445
-2.34E-07	0.000234	-0.039629	
0.14084	0.010593	0.005166	0.000445
-2.34E-07	4.69E-05	-0.041795	
0.28168	0.010593	0.005166	0.000445
-2.34E-07	-0.000140	-0.043961	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
582

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	0.010593	0.005166	0.000445
-2.34E-07	-0.000326	-0.046126	
0.56335	0.010593	0.005166	0.000445
-2.34E-07	-0.000513	-0.048292	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010231	0.674037	0.343948
-7.98E-08	0.192490	-0.754838	
0.14084	0.010231	0.674037	0.343948
-7.98E-08	0.048271	-1.037464	
0.28168	0.010231	0.674037	0.343948
-7.98E-08	-0.095948	-1.320091	
0.42251	0.010231	0.674037	0.343948
-7.98E-08	-0.240167	-1.602717	
0.56335	0.010231	0.674037	0.343948
-7.98E-08	-0.384386	-1.885343	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010231	-0.674037	-0.343948
7.98E-08	-0.192490	0.754838	
0.14084	-0.010231	-0.674037	-0.343948
7.98E-08	-0.048271	1.037464	
0.28168	-0.010231	-0.674037	-0.343948
7.98E-08	0.095948	1.320091	
0.42251	-0.010231	-0.674037	-0.343948
7.98E-08	0.240167	1.602717	
0.56335	-0.010231	-0.674037	-0.343948
7.98E-08	0.384386	1.885343	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.129693	0.674037	0.366528
6.25E-06	0.205341	0.754838	
0.14084	0.129693	0.674037	0.366528
6.25E-06	0.051655	1.037464	
0.28168	0.129693	0.674037	0.366528
6.25E-06	0.101242	1.320091	
0.42251	0.129693	0.674037	0.366528
6.25E-06	0.253553	1.602717	
0.56335	0.129693	0.674037	0.366528
6.25E-06	0.405865	1.885343	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060403	-0.674037	-0.363248
-7.67E-06	-0.203381	-0.832542	
0.14084	-0.060403	-0.674037	-0.363248
-7.67E-06	-0.051069	-1.037464	
0.28168	-0.060403	-0.674037	-0.363248
-7.67E-06	-0.102032	-1.320091	
0.42251	-0.060403	-0.674037	-0.363248
-7.67E-06	-0.255718	-1.602717	
0.56335	-0.060403	-0.674037	-0.363248
-7.67E-06	-0.409405	-1.885343	

ELEM 294 ========== LENGTH = 2.977796

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.144747	0.465122	0.323178
4.26E-05	0.359738	0.579043	
0.57742	-0.144747	0.465122	0.323178
4.26E-05	0.224182	0.383949	
0.71828	-0.144747	0.465122	0.323178
4.26E-05	0.088625	0.188854	
0.85914	-0.144747	0.465122	0.323178
4.26E-05	-0.046931	-0.006241	
1.00000	-0.144747	0.465122	0.323178
4.26E-05	-0.182488	-0.201336	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
583

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.028905	-1.039800	-0.254474
-5.17E-05	-0.283691	-0.702074	
0.57742	-0.028905	-1.039800	-0.254474
-5.17E-05	-0.176952	-0.265932	
0.71828	-0.028905	-1.039800	-0.254474
-5.17E-05	-0.070213	0.170211	
0.85914	-0.028905	-1.039800	-0.254474
-5.17E-05	0.036525	0.606354	
1.00000	-0.028905	-1.039800	-0.254474
-5.17E-05	0.143264	1.042497	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.393057	0.673059	-0.104804
1.31E-05	-0.116152	-0.178665	
0.57742	0.393057	0.673059	-0.104804
1.31E-05	-0.072192	-0.460079	
0.71828	0.393057	0.673059	-0.104804
1.31E-05	-0.028232	-0.743292	
0.85914	0.393057	0.673059	-0.104804
1.31E-05	0.015727	-1.025606	
1.00000	0.393057	0.673059	-0.104804
1.31E-05	0.059687	-1.307920	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.072846	-0.082334	0.043429
-2.09E-06	0.048228	0.048258	
0.57742	-0.072846	-0.082334	0.043429
-2.09E-06	0.030012	0.082793	
0.71828	-0.072846	-0.082334	0.043429
-2.09E-06	0.011796	0.117328	
0.85914	-0.072846	-0.082334	0.043429
-2.09E-06	-0.006420	0.151863	
1.00000	-0.072846	-0.082334	0.043429
-2.09E-06	-0.024637	0.186398	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.178726	-0.019538	-0.008806
-2.29E-06	-0.009757	0.308886	
0.57742	-0.178726	-0.019538	-0.008806
-2.29E-06	-0.006064	0.317082	
0.71828	-0.178726	-0.019538	-0.008806
-2.29E-06	-0.002370	0.325277	
0.85914	-0.178726	-0.019538	-0.008806
-2.29E-06	0.001323	0.333472	
1.00000	-0.178726	-0.019538	-0.008806
-2.29E-06	0.005017	0.341667	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.032167	0.003491	0.001476
4.03E-07	0.001633	-0.055448	
0.57742	0.032167	0.003491	0.001476
4.03E-07	0.001014	-0.056913	
0.71828	0.032167	0.003491	0.001476
4.03E-07	0.000395	-0.058377	
0.85914	0.032167	0.003491	0.001476
4.03E-07	-0.000224	-0.059841	
1.00000	0.032167	0.003491	0.001476
4.03E-07	-0.000844	-0.061306	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.069584	1.118643	0.209568
5.34E-05	0.233829	0.709265	
0.57742	0.069584	1.118643	0.209568
5.34E-05	0.145926	0.240051	
0.71828	0.069584	1.118643	0.209568
5.34E-05	0.058023	-0.229162	
0.85914	0.069584	1.118643	0.209568
5.34E-05	-0.029881	-0.698375	
1.00000	0.069584	1.118643	0.209568
5.34E-05	-0.117784	-1.167589	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
584

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.069584	-1.118643	-0.209568
-5.34E-05	-0.233829	-0.709265	
0.57742	-0.069584	-1.118643	-0.209568
-5.34E-05	-0.145926	-0.240051	
0.71828	-0.069584	-1.118643	-0.209568
-5.34E-05	-0.058023	0.229162	
0.85914	-0.069584	-1.118643	-0.209568
-5.34E-05	0.029881	0.698375	
1.00000	-0.069584	-1.118643	-0.209568
-5.34E-05	0.117784	1.167589	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43656	0.393057	1.118643	0.323178
5.34E-05	0.359738	0.709265	
0.57742	0.393057	1.118643	0.323178
5.34E-05	0.224182	0.383949	
0.71828	0.393057	1.118643	0.323178
5.34E-05	0.088625	0.325277	
0.85914	0.393057	1.118643	0.323178
5.34E-05	0.036532	0.698375	
1.00000	0.393057	1.118643	0.323178
5.34E-05	0.143264	1.167589	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43656	-0.178726	-1.118643	-0.254474
-5.34E-05	-0.283691	-0.709265	
0.57742	-0.178726	-1.118643	-0.254474
-5.34E-05	-0.176952	-0.460979	
0.71828	-0.178726	-1.118643	-0.254474
-5.34E-05	-0.070213	-0.743292	
0.85914	-0.178726	-1.118643	-0.254474
-5.34E-05	-0.046931	-1.025606	
1.00000	-0.178726	-1.118643	-0.254474
-5.34E-05	-0.182488	-1.307920	

ELEM 295 ========== LENGTH = 2.976711

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154317	0.447311	0.320415
-2.58E-06	0.179521	-0.194501	
0.14082	-0.154317	0.447311	0.320415
-2.58E-06	0.045210	-0.382003	
0.28164	-0.154317	0.447311	0.320415
-2.58E-06	-0.089101	-0.569506	
0.42246	-0.154317	0.447311	0.320415
-2.58E-06	-0.223412	-0.757009	
0.56328	-0.154317	0.447311	0.320415
-2.58E-06	-0.357723	-0.944511	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005143	-0.997372	-0.252986
-7.38E-06	-0.141602	1.026980	
0.14082	-0.005143	-0.997372	-0.252986
-7.38E-06	-0.035556	1.445056	
0.28164	-0.005143	-0.997372	-0.252986
-7.38E-06	0.070490	1.863132	
0.42246	-0.005143	-0.997372	-0.252986
-7.38E-06	0.176537	2.281208	
0.56328	-0.005143	-0.997372	-0.252986
-7.38E-06	0.282583	2.699283	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.374269	0.640445	-0.104013
1.30E-05	-0.058560	-1.296704	
0.14082	0.374269	0.640445	-0.104013
1.30E-05	-0.014960	-1.565165	
0.28164	0.374269	0.640445	-0.104013
1.30E-05	0.028640	-1.833625	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
585

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42246	0.374269	0.640445	-0.104013
1.30E-05	0.102085	-2.102085	
0.56328	0.374269	0.640445	-0.104013
1.30E-05	0.115840	-2.370546	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067443	-0.073239	0.043229
-5.77E-06	0.024340	0.183111	
0.14082	-0.067443	-0.073239	0.043229
-5.77E-06	0.006220	0.213811	
0.28164	-0.067443	-0.073239	0.043229
-5.77E-06	-0.011901	0.244512	
0.42246	-0.067443	-0.073239	0.043229
-5.77E-06	-0.030021	0.275212	
0.56328	-0.067443	-0.073239	0.043229
-5.77E-06	-0.048142	0.305912	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179705	-0.020877	-0.007953
3.35E-06	-0.004424	0.342585	
0.14082	-0.179705	-0.020877	-0.007953
3.35E-06	-0.001090	0.351336	
0.28164	-0.179705	-0.020877	-0.007953
3.35E-06	0.002243	0.360087	
0.42246	-0.179705	-0.020877	-0.007953
3.35E-06	0.005577	0.368838	
0.56328	-0.179705	-0.020877	-0.007953
3.35E-06	0.008911	0.377589	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.032339	0.003732	0.001308
-5.94E-07	0.000725	-0.061470	
0.14082	0.032339	0.003732	0.001308
-5.94E-07	0.000177	-0.063035	
0.28164	0.032339	0.003732	0.001308
-5.94E-07	-0.000372	-0.064599	
0.42246	0.032339	0.003732	0.001308
-5.94E-07	-0.000920	-0.066164	
0.56328	0.032339	0.003732	0.001308
-5.94E-07	-0.001468	-0.067728	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040248	1.066879	0.208450
1.37E-05	0.116537	-1.148620	
0.14082	0.040248	1.066879	0.208450
1.37E-05	0.029160	-1.595832	
0.28164	0.040248	1.066879	0.208450
1.37E-05	-0.058218	-2.043044	
0.42246	0.040248	1.066879	0.208450
1.37E-05	-0.145595	-2.490256	
0.56328	0.040248	1.066879	0.208450
1.37E-05	-0.232973	-2.937468	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040248	-1.066879	-0.208450
-1.37E-05	-0.116537	1.148620	
0.14082	-0.040248	-1.066879	-0.208450
-1.37E-05	-0.029160	1.595832	
0.28164	-0.040248	-1.066879	-0.208450
-1.37E-05	0.058218	2.043044	
0.42246	-0.040248	-1.066879	-0.208450
-1.37E-05	0.145595	2.490256	
0.56328	-0.040248	-1.066879	-0.208450
-1.37E-05	0.232973	2.937468	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.374269	1.066879	0.320415
1.37E-05	0.179521	1.148620	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
586

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	0.374269	1.066879	0.320415
1.37E-05	0.045210	1.595832	
0.28164	0.374269	1.066879	0.320415
1.37E-05	0.070490	2.043044	
0.42246	0.374269	1.066879	0.320415
1.37E-05	0.176537	2.490256	
0.56328	0.374269	1.066879	0.320415
1.37E-05	0.282583	2.937468	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.179705	-1.066879	-0.252986
-1.37E-05	-0.141602	-1.296704	
0.14082	-0.179705	-1.066879	-0.252986
-1.37E-05	-0.035556	-1.595832	
0.28164	-0.179705	-1.066879	-0.252986
-1.37E-05	-0.089101	-2.043044	
0.42246	-0.179705	-1.066879	-0.252986
-1.37E-05	-0.223412	-2.490256	
0.56328	-0.179705	-1.066879	-0.252986
-1.37E-05	-0.357723	-2.937468	

ELEM 296 ========== LENGTH = 2.976463

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.135999	0.750838	0.272389
3.78E-05	0.303205	1.103209	
0.57757	-0.135999	0.750838	0.272389
3.78E-05	0.189042	0.788521	
0.71838	-0.135999	0.750838	0.272389
3.78E-05	0.074880	0.473833	
0.85919	-0.135999	0.750838	0.272389
3.78E-05	-0.039283	0.159145	
1.00000	-0.135999	0.750838	0.272389
3.78E-05	-0.153446	-0.155543	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.032517	-1.457767	-0.130953
-4.12E-05	-0.145970	-1.152122	
0.57757	-0.032517	-1.457767	-0.130953
-4.12E-05	-0.091085	-0.541149	
0.71838	-0.032517	-1.457767	-0.130953
-4.12E-05	-0.036201	0.069824	
0.85919	-0.032517	-1.457767	-0.130953
-4.12E-05	0.018684	0.680798	
1.00000	-0.032517	-1.457767	-0.130953
-4.12E-05	0.073568	1.291771	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.382531	0.671885	-0.202285
6.81E-06	-0.224818	-0.718648	
0.57757	0.382531	0.671885	-0.202285
6.81E-06	-0.140038	-1.000246	
0.71838	0.382531	0.671885	-0.202285
6.81E-06	-0.055257	-1.281844	
0.85919	0.382531	0.671885	-0.202285
6.81E-06	0.029524	-1.563442	
1.00000	0.382531	0.671885	-0.202285
6.81E-06	0.114304	-1.845039	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.075796	-0.038206	0.070871
-1.67E-06	0.078899	0.204117	
0.57757	-0.075796	-0.038206	0.070871
-1.67E-06	0.049196	0.220130	
0.71838	-0.075796	-0.038206	0.070871
-1.67E-06	0.019493	0.236143	
0.85919	-0.075796	-0.038206	0.070871
-1.67E-06	-0.010210	0.252156	
1.00000	-0.075796	-0.038206	0.070871
-1.67E-06	-0.039913	0.268169	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
587

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.168804	0.089323	-0.012067
-2.02E-06	-0.013624	0.686763	
0.57757	-0.168804	0.089323	-0.012067
-2.02E-06	-0.008566	0.649326	
0.71838	-0.168804	0.089323	-0.012067
-2.02E-06	-0.003508	0.611890	
0.85919	-0.168804	0.089323	-0.012067
-2.02E-06	0.001549	0.574453	
1.00000	-0.168804	0.089323	-0.012067
-2.02E-06	0.006607	0.537016	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.030585	-0.016072	0.002045
3.53E-07	0.000587	-0.123318	
0.57757	0.030585	-0.016072	0.002045
3.53E-07	0.001450	-0.116582	
0.71838	0.030585	-0.016072	0.002045
3.53E-07	0.000593	-0.109846	
0.85919	0.030585	-0.016072	0.002045
3.53E-07	-0.000264	-0.103110	
1.00000	0.030585	-0.016072	0.002045
3.53E-07	-0.001120	-0.096373	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.077728	1.512046	0.058037
4.26E-05	0.064763	1.071323	
0.57757	0.077728	1.512046	0.058037
4.26E-05	0.040439	0.437601	
0.71838	0.077728	1.512046	0.058037
4.26E-05	0.016114	-0.196122	
0.85919	0.077728	1.512046	0.058037
4.26E-05	-0.008210	-0.829844	
1.00000	0.077728	1.512046	0.058037
4.26E-05	-0.032534	-1.463566	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.077728	-1.512046	-0.058037
-4.26E-05	-0.064763	-1.071323	
0.57757	-0.077728	-1.512046	-0.058037
-4.26E-05	-0.040439	-0.437601	
0.71838	-0.077728	-1.512046	-0.058037
-4.26E-05	-0.016114	0.196122	
0.85919	-0.077728	-1.512046	-0.058037
-4.26E-05	0.008210	0.829844	
1.00000	-0.077728	-1.512046	-0.058037
-4.26E-05	0.032534	1.463566	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43676	0.382531	1.512046	0.272389
4.26E-05	0.303205	1.103209	
0.57757	0.382531	1.512046	0.272389
4.26E-05	0.189042	0.788521	
0.71838	0.382531	1.512046	0.272389
4.26E-05	0.074880	0.611890	
0.85919	0.382531	1.512046	0.272389
4.26E-05	0.029524	0.829844	
1.00000	0.382531	1.512046	0.272389
4.26E-05	0.114304	1.463566	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43676	-0.168804	-1.512046	-0.202285
-4.26E-05	-0.224818	-1.152122	
0.57757	-0.168804	-1.512046	-0.202285
-4.26E-05	-0.140038	-1.000246	
0.71838	-0.168804	-1.512046	-0.202285
-4.26E-05	-0.055257	-1.281844	
0.85919	-0.168804	-1.512046	-0.202285
-4.26E-05	-0.039283	-1.563442	
1.00000	-0.168804	-1.512046	-0.202285
-4.26E-05	-0.153446	-1.845039	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
588

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 297 ========== LENGTH = 2.977458

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.152064	0.792866	0.266153
1.22E-06	0.148313	-0.147189	
0.14085	-0.152064	0.792866	0.266153
1.22E-06	0.036698	-0.479689	
0.28169	-0.152064	0.792866	0.266153
1.22E-06	-0.074917	-0.812188	
0.42254	-0.152064	0.792866	0.266153
1.22E-06	-0.186532	-1.144688	
0.56339	-0.152064	0.792866	0.266153
1.22E-06	-0.298147	-1.477187	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002304	-1.559668	-0.130180
-1.56E-05	-0.152064	-1.772763	
0.14085	0.002304	-1.559668	-0.130180
-1.56E-05	-0.018257	1.926832	
0.28169	0.002304	-1.559668	-0.130180
-1.56E-05	0.036336	2.580901	
0.42254	0.002304	-1.559668	-0.130180
-1.56E-05	0.090929	3.234971	
0.56339	0.002304	-1.559668	-0.130180
-1.56E-05	0.145521	3.889040	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.357833	0.752572	-0.193104
1.88E-05	-0.107021	-1.831265	
0.14085	0.357833	0.752572	-0.193104
1.88E-05	-0.026040	-2.146867	
0.28169	0.357833	0.752572	-0.193104
1.88E-05	0.054941	-2.462469	
0.42254	0.357833	0.752572	-0.193104
1.88E-05	0.135923	-2.778071	
0.56339	0.357833	0.752572	-0.193104
1.88E-05	0.216904	-3.093673	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068807	-0.061300	0.069072
-8.98E-06	0.038461	0.264150	
0.14085	-0.068807	-0.061300	0.069072
-8.98E-06	0.009494	0.289857	
0.28169	-0.068807	-0.061300	0.069072
-8.98E-06	-0.019472	0.315564	
0.42254	-0.068807	-0.061300	0.069072
-8.98E-06	-0.048439	0.341271	
0.56339	-0.068807	-0.061300	0.069072
-8.98E-06	-0.077405	0.366979	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170077	0.092106	-0.014381
5.51E-06	-0.008313	0.538112	
0.14085	-0.170077	0.092106	-0.014381
5.51E-06	-0.002283	0.489486	
0.28169	-0.170077	0.092106	-0.014381
5.51E-06	0.003748	0.460860	
0.42254	-0.170077	0.092106	-0.014381
5.51E-06	0.009779	0.422235	
0.56339	-0.170077	0.092106	-0.014381
5.51E-06	0.015810	0.383609	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030810	-0.016575	0.002440
-9.79E-07	0.001410	-0.096570	
0.14085	0.030810	-0.016575	0.002440
-9.79E-07	0.000387	-0.089620	
0.28169	0.030810	-0.016575	0.002440
-9.79E-07	-0.000636	-0.082669	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
589

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.42254	0.030810	-0.016575	0.002440
-9.79E-07	-0.001659	-0.075718	
0.56339	0.030810	-0.016575	0.002440
-9.79E-07	-0.002682	-0.068767	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035693	1.637543	0.058668
2.55E-05	0.032979	-1.440342	
0.14085	0.035693	1.637543	0.058668
2.55E-05	0.008376	-2.127069	
0.28169	0.035693	1.637543	0.058668
2.55E-05	-0.016228	-2.813797	
0.42254	0.035693	1.637543	0.058668
2.55E-05	-0.040831	-3.500524	
0.56339	0.035693	1.637543	0.058668
2.55E-05	-0.065434	-4.187251	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035693	-1.637543	-0.058668
-2.55E-05	-0.032979	1.440342	
0.14085	-0.035693	-1.637543	-0.058668
-2.55E-05	-0.008376	2.127069	
0.28169	-0.035693	-1.637543	-0.058668
-2.55E-05	0.016228	2.813797	
0.42254	-0.035693	-1.637543	-0.058668
-2.55E-05	0.040831	3.500524	
0.56339	-0.035693	-1.637543	-0.058668
-2.55E-05	0.065434	4.187251	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.357833	1.637543	0.266153
2.55E-05	0.114313	1.440342	
0.14085	0.357833	1.637543	0.266153
2.55E-05	0.036698	2.127069	
0.28169	0.357833	1.637543	0.266153
2.55E-05	0.054941	2.813797	
0.42254	0.357833	1.637543	0.266153
2.55E-05	0.135923	3.500524	
0.56339	0.357833	1.637543	0.266153
2.55E-05	0.216904	4.187251	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170077	-1.637543	-0.193104
-2.55E-05	-0.107021	-1.831265	
0.14085	-0.170077	-1.637543	-0.193104
-2.55E-05	-0.026040	-2.146867	
0.28169	-0.170077	-1.637543	-0.193104
-2.55E-05	-0.074917	-2.813797	
0.42254	-0.170077	-1.637543	-0.193104
-2.55E-05	-0.186532	-3.500524	
0.56339	-0.170077	-1.637543	-0.193104
-2.55E-05	-0.298147	-4.187251	

ELEM 298 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.065578	1.242514	0.232420
2.56E-05	0.250073	2.044593	
0.57749	0.065578	1.242514	0.232420
2.56E-05	0.152619	1.523609	
0.71833	0.065578	1.242514	0.232420
2.56E-05	0.055166	1.002624	
0.85916	0.065578	1.242514	0.232420
2.56E-05	-0.042287	0.481639	
1.00000	0.065578	1.242514	0.232420
2.56E-05	-0.139741	-0.039346	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
590

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.009445	-1.897593	-0.001701
-2.19E-05	-0.001173	-1.632322	
0.57749	0.009445	-1.897593	-0.001701
-2.19E-05	-0.000460	-0.836663	
0.71833	0.009445	-1.897593	-0.001701
-2.19E-05	0.000253	-0.041005	
0.85916	0.009445	-1.897593	-0.001701
-2.19E-05	0.000967	0.754654	
1.00000	0.009445	-1.897593	-0.001701
-2.19E-05	0.001680	1.550313	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.192318	0.215212	-0.320982
1.82E-06	-0.346078	-2.213952	
0.57749	-0.192318	0.215212	-0.320982
1.82E-06	-0.211491	-2.304190	
0.71833	-0.192318	0.215212	-0.320982
1.82E-06	-0.076903	-2.394428	
0.85916	-0.192318	0.215212	-0.320982
1.82E-06	0.057684	-2.484666	
1.00000	-0.192318	0.215212	-0.320982
1.82E-06	0.192271	-2.574904	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.018184	0.076729	0.105683
-2.29E-06	0.114084	0.522975	
0.57749	0.018184	0.076729	0.105683
-2.29E-06	0.069772	0.490803	
0.71833	0.018184	0.076729	0.105683
-2.29E-06	0.025459	0.458630	
0.85916	0.018184	0.076729	0.105683
-2.29E-06	-0.018854	0.426458	
1.00000	0.018184	0.076729	0.105683
-2.29E-06	-0.063166	0.394285	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.120106	0.442664	-0.018608
-3.94E-06	-0.020401	1.558550	
0.57749	0.120106	0.442664	-0.018608
-3.94E-06	-0.012599	1.372941	
0.71833	0.120106	0.442664	-0.018608
-3.94E-06	-0.004796	1.187333	
0.85916	0.120106	0.442664	-0.018608
-3.94E-06	0.003006	1.001725	
1.00000	0.120106	0.442664	-0.018608
-3.94E-06	0.010808	0.816116	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.020994	-0.079526	0.003189
6.96E-07	0.003496	-0.279844	
0.57749	-0.020994	-0.079526	0.003189
6.96E-07	0.002159	-0.246499	
0.71833	-0.020994	-0.079526	0.003189
6.96E-07	0.000821	-0.213154	
0.85916	-0.020994	-0.079526	0.003189
6.96E-07	-0.000516	-0.179809	
1.00000	-0.020994	-0.079526	0.003189
6.96E-07	-0.001853	-0.146464	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.006635	1.900390	-0.107171
2.35E-05	-0.116407	1.389191	
0.57749	-0.006635	1.900390	-0.107171
2.35E-05	-0.071470	0.592360	
0.71833	-0.006635	1.900390	-0.107171
2.35E-05	-0.026534	-0.204471	
0.85916	-0.006635	1.900390	-0.107171
2.35E-05	0.018403	-1.001302	
1.00000	-0.006635	1.900390	-0.107171
2.35E-05	0.063339	-1.798134	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
591

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.006635	-1.900390	0.107171
-2.35E-05	0.116407	-1.389191	
0.57749	0.006635	-1.900390	0.107171
-2.35E-05	0.071470	-0.592360	
0.71833	0.006635	-1.900390	0.107171
-2.35E-05	0.026534	0.204471	
0.85916	0.006635	-1.900390	0.107171
-2.35E-05	-0.018403	1.001302	
1.00000	0.006635	-1.900390	0.107171
-2.35E-05	-0.063339	1.798134	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.120106	1.900390	0.232420
2.56E-05	0.250073	2.044593	
0.57749	0.120106	1.900390	0.232420
2.56E-05	0.152619	1.523609	
0.71833	0.120106	1.900390	0.232420
2.56E-05	0.055166	1.187333	
0.85916	0.120106	1.900390	0.232420
2.56E-05	0.057684	1.001725	
1.00000	0.120106	1.900390	0.232420
2.56E-05	0.192271	1.798134	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.192318	-1.900390	-0.320982
-2.35E-05	-0.346078	-2.213952	
0.57749	-0.192318	-1.900390	-0.320982
-2.35E-05	-0.211491	-2.304190	
0.71833	-0.192318	-1.900390	-0.320982
-2.35E-05	-0.076903	-2.394428	
0.85916	-0.192318	-1.900390	-0.320982
-2.35E-05	-0.042287	-2.484666	
1.00000	-0.192318	-1.900390	-0.320982
-2.35E-05	-0.139741	-2.574904	

ELEM 299 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.090930	1.285707	0.224428
4.33E-06	0.133280	-0.033189	
0.14084	0.090930	1.285707	0.224428
4.33E-06	0.039178	-0.572284	
0.28167	0.090930	1.285707	0.224428
4.33E-06	-0.054924	-1.111379	
0.42251	0.090930	1.285707	0.224428
4.33E-06	-0.149027	-1.650475	
0.56335	0.090930	1.285707	0.224428
4.33E-06	-0.243129	-2.189570	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044851	-1.953846	-0.002688
-1.62E-05	-0.002415	1.536406	
0.14084	0.044851	-1.953846	-0.002688
-1.62E-05	-0.001288	2.355652	
0.28167	0.044851	-1.953846	-0.002688
-1.62E-05	-0.000161	3.174897	
0.42251	0.044851	-1.953846	-0.002688
-1.62E-05	0.000966	3.994142	
0.56335	0.044851	-1.953846	-0.002688
-1.62E-05	0.002093	4.813388	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273013	0.211493	-0.304175
1.45E-05	-0.179134	-2.564943	
0.14084	-0.273013	0.211493	-0.304175
1.45E-05	-0.051594	-2.653621	
0.28167	-0.273013	0.211493	-0.304175
1.45E-05	-0.075947	-2.742300	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
592

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-0.273013	0.211493	-0.304175
1.45E-05	-0.230387	-2.830979	
0.56335	-0.273013	0.211493	-0.304175
1.45E-05	0.331027	-2.919657	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044502	0.072947	0.102655
-1.05E-05	0.060748	0.391382	
0.14084	0.044502	0.072947	0.102655
-1.05E-05	0.017705	0.360795	
0.28167	0.044502	0.072947	0.102655
-1.05E-05	-0.025338	0.330208	
0.42251	0.044502	0.072947	0.102655
-1.05E-05	-0.068382	0.299622	
0.56335	0.044502	0.072947	0.102655
-1.05E-05	-0.111425	0.269035	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112373	0.467718	-0.024427
9.61E-06	-0.015076	0.816959	
0.14084	0.112373	0.467718	-0.024427
9.61E-06	-0.004834	0.620846	
0.28167	0.112373	0.467718	-0.024427
9.61E-06	0.005408	0.424732	
0.42251	0.112373	0.467718	-0.024427
9.61E-06	0.015650	0.228618	
0.56335	0.112373	0.467718	-0.024427
9.61E-06	0.025893	0.032504	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019642	-0.084019	0.004207
-1.72E-06	0.002597	-0.146616	
0.14084	-0.019642	-0.084019	0.004207
-1.72E-06	0.000833	-0.111387	
0.28167	-0.019642	-0.084019	0.004207
-1.72E-06	-0.000931	-0.076158	
0.42251	-0.019642	-0.084019	0.004207
-1.72E-06	-0.002695	-0.040929	
0.56335	-0.019642	-0.084019	0.004207
-1.72E-06	-0.004459	-0.005699	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069711	1.964918	-0.104174
2.84E-05	-0.060930	-1.781172	
0.14084	-0.069711	1.964918	-0.104174
2.84E-05	-0.017250	-2.605060	
0.28167	-0.069711	1.964918	-0.104174
2.84E-05	0.026430	-3.428948	
0.42251	-0.069711	1.964918	-0.104174
2.84E-05	0.070110	-4.252836	
0.56335	-0.069711	1.964918	-0.104174
2.84E-05	0.113791	-5.076723	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069711	-1.964918	0.104174
-2.84E-05	0.060930	1.781172	
0.14084	0.069711	-1.964918	0.104174
-2.84E-05	0.017250	2.605060	
0.28167	0.069711	-1.964918	0.104174
-2.84E-05	-0.026430	3.428948	
0.42251	0.069711	-1.964918	0.104174
-2.84E-05	-0.070110	4.252836	
0.56335	0.069711	-1.964918	0.104174
-2.84E-05	-0.113791	5.076723	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112373	1.964918	0.224428
2.84E-05	0.133280	1.781172	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
593

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.112373	1.964918	0.224428
2.84E-05	0.039178	2.605060	
0.28167	0.112373	1.964918	0.224428
2.84E-05	0.075947	3.428948	
0.42251	0.112373	1.964918	0.224428
2.84E-05	0.203487	4.252836	
0.56335	0.112373	1.964918	0.224428
2.84E-05	0.331027	5.076723	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.273013	-1.964918	-0.304175
-2.84E-05	-0.179134	-2.564943	
0.14084	-0.273013	-1.964918	-0.304175
-2.84E-05	-0.051594	-2.653621	
0.28167	-0.273013	-1.964918	-0.304175
-2.84E-05	-0.054924	-3.428948	
0.42251	-0.273013	-1.964918	-0.304175
-2.84E-05	-0.149027	-4.252836	
0.56335	-0.273013	-1.964918	-0.304175
-2.84E-05	-0.243129	-5.076723	

ELEM 300 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.221687	1.876042	0.199197
1.83E-05	0.208331	3.201093	
0.57747	0.221687	1.876042	0.199197
1.83E-05	0.124798	2.414377	
0.71831	0.221687	1.876042	0.199197
1.83E-05	0.041265	1.627662	
0.85916	0.221687	1.876042	0.199197
1.83E-05	-0.042267	0.840946	
1.00000	0.221687	1.876042	0.199197
1.83E-05	-0.125800	0.054230	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.038152	-2.149816	0.097485
-5.23E-07	0.102190	-1.912790	
0.57747	0.038152	-2.149816	0.097485
-5.23E-07	0.061310	-1.011268	
0.71831	0.038152	-2.149816	0.097485
-5.23E-07	0.020430	-0.109746	
0.85916	0.038152	-2.149816	0.097485
-5.23E-07	-0.020450	0.791777	
1.00000	0.038152	-2.149816	0.097485
-5.23E-07	-0.061330	1.693299	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.604155	-0.819208	-0.401926
-1.83E-05	-0.420678	-4.425735	
0.57747	-0.604155	-0.819208	-0.401926
-1.83E-05	-0.252131	-4.082201	
0.71831	-0.604155	-0.819208	-0.401926
-1.83E-05	-0.083584	-3.738667	
0.85916	-0.604155	-0.819208	-0.401926
-1.83E-05	0.084963	-3.395133	
1.00000	-0.604155	-0.819208	-0.401926
-1.83E-05	0.253510	-3.051599	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.091721	0.249232	0.131351
8.96E-08	0.137616	0.890419	
0.57747	0.091721	0.249232	0.131351
8.96E-08	0.082534	0.785904	
0.71831	0.091721	0.249232	0.131351
8.96E-08	0.027452	0.681389	
0.85916	0.091721	0.249232	0.131351
8.96E-08	-0.027630	0.576874	
1.00000	0.091721	0.249232	0.131351
8.96E-08	-0.082712	0.472359	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
594

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.307062	1.028320	-0.031600
5.84E-07	-0.033234	2.738497	
0.57747	0.307062	1.028320	-0.031600
5.84E-07	-0.019983	2.307273	
0.71831	0.307062	1.028320	-0.031600
5.84E-07	-0.006731	1.876048	
0.85916	0.307062	1.028320	-0.031600
5.84E-07	0.006520	1.444824	
1.00000	0.307062	1.028320	-0.031600
5.84E-07	0.019772	1.013599	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.054466	-0.184570	0.005494
-1.14E-07	0.005575	-0.491485	
0.57747	-0.054466	-0.184570	0.005494
-1.14E-07	0.003472	-0.414085	
0.71831	-0.054466	-0.184570	0.005494
-1.14E-07	0.001168	-0.336686	
0.85916	-0.054466	-0.184570	0.005494
-1.14E-07	-0.001136	-0.259287	
1.00000	-0.054466	-0.184570	0.005494
-1.14E-07	-0.003440	-0.181888	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.075406	2.085154	-0.234330
5.48E-07	-0.245581	1.513855	
0.57747	-0.075406	2.085154	-0.234330
5.48E-07	-0.147315	0.639449	
0.71831	-0.075406	2.085154	-0.234330
5.48E-07	-0.049049	-0.234957	
0.85916	-0.075406	2.085154	-0.234330
5.48E-07	0.049216	-1.109364	
1.00000	-0.075406	2.085154	-0.234330
5.48E-07	0.147482	-1.983770	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.075406	-2.085154	0.234330
-5.48E-07	0.245581	-1.513855	
0.57747	0.075406	-2.085154	0.234330
-5.48E-07	0.147315	-0.639449	
0.71831	0.075406	-2.085154	0.234330
-5.48E-07	0.049049	0.234957	
0.85916	0.075406	-2.085154	0.234330
-5.48E-07	-0.049216	1.109364	
1.00000	0.075406	-2.085154	0.234330
-5.48E-07	-0.147482	1.983770	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.307062	2.085154	0.234330
1.83E-05	0.245581	3.201093	
0.57747	0.307062	2.085154	0.234330
1.83E-05	0.147315	2.414377	
0.71831	0.307062	2.085154	0.234330
1.83E-05	0.049049	1.876048	
0.85916	0.307062	2.085154	0.234330
1.83E-05	0.084963	1.444824	
1.00000	0.307062	2.085154	0.234330
1.83E-05	0.253510	1.983770	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.604155	-2.149816	-0.401926
-1.83E-05	-0.420678	-4.425735	
0.57747	-0.604155	-2.149816	-0.401926
-1.83E-05	-0.252131	-4.082201	
0.71831	-0.604155	-2.149816	-0.401926
-1.83E-05	-0.083584	-3.738667	
0.85916	-0.604155	-2.149816	-0.401926
-1.83E-05	0.084963	-3.395133	
1.00000	-0.604155	-2.149816	-0.401926
-1.83E-05	-0.147482	-3.051599	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
595

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 301 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.210084	1.782482	0.194790
-2.89E-06	0.121932	0.059387	
0.14084	0.210084	1.782482	0.194790
-2.89E-06	0.040247	-0.688094	
0.28169	0.210084	1.782482	0.194790
-2.89E-06	-0.041438	-1.435575	
0.42253	0.210084	1.782482	0.194790
-2.89E-06	-0.123123	-2.183056	
0.56338	0.210084	1.782482	0.194790
-2.89E-06	-0.204808	-2.930537	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.067914	-2.039869	0.097156
-1.12E-05	0.060955	1.681201	
0.14084	0.067914	-2.039869	0.097156
-1.12E-05	0.020213	2.536617	
0.28169	0.067914	-2.039869	0.097156
-1.12E-05	-0.020530	3.392033	
0.42253	0.067914	-2.039869	0.097156
-1.12E-05	-0.061272	4.247449	
0.56338	0.067914	-2.039869	0.097156
-1.12E-05	-0.102014	5.102866	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.629548	-0.775988	-0.395187
2.51E-05	-0.247493	-3.042462	
0.14084	-0.629548	-0.775988	-0.395187
2.51E-05	-0.081772	-2.717052	
0.28169	-0.629548	-0.775988	-0.395187
2.51E-05	0.083949	-2.391642	
0.42253	-0.629548	-0.775988	-0.395187
2.51E-05	0.249670	-2.066233	
0.56338	-0.629548	-0.775988	-0.395187
2.51E-05	0.415391	-1.740823	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100485	0.217832	0.130217
-1.42E-05	0.081637	0.469757	
0.14084	0.100485	0.217832	0.130217
-1.42E-05	0.027031	0.378410	
0.28169	0.100485	0.217832	0.130217
-1.42E-05	-0.027575	0.287062	
0.42253	0.100485	0.217832	0.130217
-1.42E-05	-0.082182	0.195714	
0.56338	0.100485	0.217832	0.130217
-1.42E-05	-0.136788	0.104367	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305203	0.993953	-0.032626
3.93E-06	-0.020594	1.014094	
0.14084	0.305203	0.993953	-0.032626
3.93E-06	0.106913	0.597281	
0.28169	0.305203	0.993953	-0.032626
3.93E-06	0.006768	0.180468	
0.42253	0.305203	0.993953	-0.032626
3.93E-06	0.020450	-0.236345	
0.56338	0.305203	0.993953	-0.032626
3.93E-06	0.034131	-0.653157	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054138	-0.178409	0.005649
-6.94E-07	0.003564	-0.181977	
0.14084	-0.054138	-0.178409	0.005649
-6.94E-07	0.001195	-0.107162	
0.28169	-0.054138	-0.178409	0.005649
-6.94E-07	-0.001174	-0.032346	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
596

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.054138	-0.178409	0.005649
-6.94E-07	-0.003543	0.042470	
0.56338	-0.054138	-0.178409	0.005649
-6.94E-07	-0.005912	0.117285	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114261	2.000446	-0.233022
2.61E-05	-0.146156	-1.968981	
0.14084	-0.114261	2.000446	-0.233022
2.61E-05	-0.048438	-2.807865	
0.28169	-0.114261	2.000446	-0.233022
2.61E-05	0.049279	-3.646749	
0.42253	-0.114261	2.000446	-0.233022
2.61E-05	0.146997	-4.485633	
0.56338	-0.114261	2.000446	-0.233022
2.61E-05	0.244714	-5.324518	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114261	-2.000446	0.233022
-2.61E-05	0.146156	1.968981	
0.14084	0.114261	-2.000446	0.233022
-2.61E-05	0.048438	2.807865	
0.28169	0.114261	-2.000446	0.233022
-2.61E-05	-0.049279	3.646749	
0.42253	0.114261	-2.000446	0.233022
-2.61E-05	-0.146997	4.485633	
0.56338	0.114261	-2.000446	0.233022
-2.61E-05	-0.244714	5.324518	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.305203	2.000446	0.233022
2.61E-05	0.146156	1.968981	
0.14084	0.305203	2.000446	0.233022
2.61E-05	0.048438	2.807865	
0.28169	0.305203	2.000446	0.233022
2.61E-05	0.083949	3.646749	
0.42253	0.305203	2.000446	0.233022
2.61E-05	0.249670	4.485633	
0.56338	0.305203	2.000446	0.233022
2.61E-05	0.415391	5.324518	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.629548	-2.039869	-0.395187
-2.61E-05	-0.247493	-3.042462	
0.14084	-0.629548	-2.039869	-0.395187
-2.61E-05	-0.081772	-2.807865	
0.28169	-0.629548	-2.039869	-0.395187
-2.61E-05	-0.049279	-3.646749	
0.42253	-0.629548	-2.039869	-0.395187
-2.61E-05	-0.146997	-4.485633	
0.56338	-0.629548	-2.039869	-0.395187
-2.61E-05	-0.244714	-5.324518	

ELEM 302 ========== LENGTH = 2.977553

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.094980	1.313934	0.142192
1.29E-05	0.153495	2.148640	
0.57745	0.094980	1.313934	0.142192
1.29E-05	0.093861	1.597592	
0.71830	0.094980	1.313934	0.142192
1.29E-05	0.034228	1.046544	
0.85915	0.094980	1.313934	0.142192
1.29E-05	-0.025406	0.495496	
1.00000	0.094980	1.313934	0.142192
1.29E-05	-0.085040	-0.055553	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
597

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.016630	-1.963227	0.182557
2.17E-05	0.196705	-1.754552	
0.57745	0.016630	-1.963227	0.182557
2.17E-05	0.120142	-0.931198	
0.71830	0.016630	-1.963227	0.182557
2.17E-05	0.043580	-0.107844	
0.85915	0.016630	-1.963227	0.182557
2.17E-05	-0.032982	0.715510	
1.00000	0.016630	-1.963227	0.182557
2.17E-05	-0.109544	1.538864	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.243114	0.271549	-0.429899
-4.25E-05	-0.463890	-2.069371	
0.57745	-0.243114	0.271549	-0.429899
-4.25E-05	-0.283596	-2.183256	
0.71830	-0.243114	0.271549	-0.429899
-4.25E-05	-0.103301	-2.297141	
0.85915	-0.243114	0.271549	-0.429899
-4.25E-05	0.076993	-2.411025	
1.00000	-0.243114	0.271549	-0.429899
-4.25E-05	0.257288	-2.524910	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.032229	0.009587	0.138502
3.71E-06	0.149681	0.395854	
0.57745	0.032229	0.009587	0.138502
3.71E-06	0.091595	0.391833	
0.71830	0.032229	0.009587	0.138502
3.71E-06	0.033509	0.387812	
0.85915	0.032229	0.009587	0.138502
3.71E-06	-0.024576	0.383791	
1.00000	0.032229	0.009587	0.138502
3.71E-06	-0.082662	0.379771	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.120355	0.448733	-0.040429
5.08E-06	-0.043623	1.559442	
0.57745	0.120355	0.448733	-0.040429
5.08E-06	-0.026667	1.371232	
0.71830	0.120355	0.448733	-0.040429
5.08E-06	-0.009712	1.183022	
0.85915	0.120355	0.448733	-0.040429
5.08E-06	0.007244	0.994812	
1.00000	0.120355	0.448733	-0.040429
5.08E-06	0.024200	0.806602	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.021081	-0.080617	0.007077
-9.21E-07	0.007632	-0.280013	
0.57745	-0.021081	-0.080617	0.007077
-9.21E-07	0.004664	-0.246203	
0.71830	-0.021081	-0.080617	0.007077
-9.21E-07	0.001696	-0.212393	
0.85915	-0.021081	-0.080617	0.007077
-9.21E-07	0.001273	-0.178584	
1.00000	-0.021081	-0.080617	0.007077
-9.21E-07	-0.004241	-0.144774	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.027778	2.034256	-0.328136
-2.45E-05	-0.354018	1.638711	
0.57745	-0.027778	2.034256	-0.328136
-2.45E-05	-0.216401	0.785568	
0.71830	-0.027778	2.034256	-0.328136
-2.45E-05	-0.078785	-0.067575	
0.85915	-0.027778	2.034256	-0.328136
-2.45E-05	0.058831	-0.920718	
1.00000	-0.027778	2.034256	-0.328136
-2.45E-05	0.196448	-1.773861	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 598
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.027778	-2.034256	0.328136
2.45E-05	0.354018	-1.638711	
0.57745	0.027778	-2.034256	0.328136
2.45E-05	0.216401	-0.785568	
0.71830	0.027778	-2.034256	0.328136
2.45E-05	0.078785	0.067575	
0.85915	0.027778	-2.034256	0.328136
2.45E-05	-0.058831	0.920718	
1.00000	0.027778	-2.034256	0.328136
2.45E-05	-0.196448	1.773861	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.120355	2.034256	0.328136
2.45E-05	0.354018	2.148640	
0.57745	0.120355	2.034256	0.328136
2.45E-05	0.216401	1.597592	
0.71830	0.120355	2.034256	0.328136
2.45E-05	0.078785	1.183022	
0.85915	0.120355	2.034256	0.328136
2.45E-05	0.076938	0.994812	
1.00000	0.120355	2.034256	0.328136
2.45E-05	0.257288	1.773861	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.243114	-2.034256	-0.429899
-4.25E-05	-0.463890	-2.069371	
0.57745	-0.243114	-2.034256	-0.429899
-4.25E-05	-0.283596	-2.183256	
0.71830	-0.243114	-2.034256	-0.429899
-4.25E-05	-0.103301	-2.297141	
0.85915	-0.243114	-2.034256	-0.429899
-4.25E-05	-0.058831	-2.411025	
1.00000	-0.243114	-2.034256	-0.429899
-4.25E-05	-0.196448	-2.524910	

ELEM 303 ========== LENGTH = 2.976557

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052023	1.361019	0.142022
-1.15E-05	0.084220	0.049498	
0.14081	0.052023	1.361019	0.142022
-1.15E-05	0.024693	-0.619955	
0.28163	0.052023	1.361019	0.142022
-1.15E-05	-0.034834	-1.190412	
0.42244	0.052023	1.361019	0.142022
-1.15E-05	-0.094361	-1.760868	
0.56325	0.052023	1.361019	0.142022
-1.15E-05	-0.153888	-2.331325	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018147	-2.037759	0.183263
-7.19E-06	0.109746	1.525594	
0.14081	0.018147	-2.037759	0.183263
-7.19E-06	0.032933	2.379700	
0.28163	0.018147	-2.037759	0.183263
-7.19E-06	-0.043880	3.233805	
0.42244	0.018147	-2.037759	0.183263
-7.19E-06	-0.120693	4.087910	
0.56325	0.018147	-2.037759	0.183263
-7.19E-06	-0.197506	4.942015	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185178	0.296596	-0.435079
3.87E-05	-0.259688	-2.516041	
0.14081	-0.185178	0.296596	-0.435079
3.87E-05	-0.077329	-2.640356	
0.28163	-0.185178	0.296596	-0.435079
3.87E-05	-0.105030	-2.764671	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 599
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42244	-0.185178	0.296596	-0.435079
3.87E-05	-0.288389	-2.888986	
0.56325	-0.185178	0.296596	-0.435079
3.87E-05	0.469747	-3.013301	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012913	-0.013287	0.139733
-1.89E-05	0.083249	0.377583	
0.14081	0.012913	-0.013287	0.139733
-1.89E-05	0.024681	0.383152	
0.28163	0.012913	-0.013287	0.139733
-1.89E-05	-0.033887	0.388722	
0.42244	0.012913	-0.013287	0.139733
-1.89E-05	-0.092454	0.394291	
0.56325	0.012913	-0.013287	0.139733
-1.89E-05	-0.151022	0.399860	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123754	0.479574	-0.036230
-1.40E-06	-0.021202	0.807253	
0.14081	0.123754	0.479574	-0.036230
-1.40E-06	-0.006016	0.606244	
0.28163	0.123754	0.479574	-0.036230
-1.40E-06	0.009169	0.405236	
0.42244	0.123754	0.479574	-0.036230
-1.40E-06	0.024354	0.204227	
0.56325	0.123754	0.479574	-0.036230
-1.40E-06	0.039540	0.003219	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021658	-0.086143	0.006291
2.63E-07	0.003675	-0.144891	
0.14081	-0.021658	-0.086143	0.006291
2.63E-07	0.001038	-0.108785	
0.28163	-0.021658	-0.086143	0.006291
2.63E-07	-0.001598	-0.072680	
0.42244	-0.021658	-0.086143	0.006291
2.63E-07	-0.004235	-0.036574	
0.56325	-0.021658	-0.086143	0.006291
2.63E-07	-0.006872	-0.000468	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009401	2.137189	-0.329287
2.58E-05	-0.196670	-1.758286	
0.14081	-0.009401	2.137189	-0.329287
2.58E-05	-0.058653	-2.654066	
0.28163	-0.009401	2.137189	-0.329287
2.58E-05	0.079365	-3.549847	
0.42244	-0.009401	2.137189	-0.329287
2.58E-05	0.217382	-4.445627	
0.56325	-0.009401	2.137189	-0.329287
2.58E-05	0.355399	-5.341407	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009401	-2.137189	0.329287
-2.58E-05	0.196670	1.758286	
0.14081	0.009401	-2.137189	0.329287
-2.58E-05	0.058653	2.654066	
0.28163	0.009401	-2.137189	0.329287
-2.58E-05	-0.079365	3.549847	
0.42244	0.009401	-2.137189	0.329287
-2.58E-05	-0.217382	4.445627	
0.56325	0.009401	-2.137189	0.329287
-2.58E-05	-0.355399	5.341407	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.123754	2.137189	0.329287
3.87E-05	0.196670	1.758286	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 600
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14081	0.123754	2.137189	0.329287
3.87E-05	0.058653	2.654066	
0.28163	0.123754	2.137189	0.329287
3.87E-05	0.105030	3.549847	
0.42244	0.123754	2.137189	0.329287
3.87E-05	0.287389	4.445627	
0.56325	0.123754	2.137189	0.329287
3.87E-05	0.469747	5.341407	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.185178	-2.137189	-0.435079
-2.58E-05	-0.259688	-2.516041	
0.14081	-0.185178	-2.137189	-0.435079
-2.58E-05	-0.077329	-2.654066	
0.28163	-0.185178	-2.137189	-0.435079
-2.58E-05	-0.079365	-3.549847	
0.42244	-0.185178	-2.137189	-0.435079
-2.58E-05	-0.217382	-4.445627	
0.56325	-0.185178	-2.137189	-0.435079
-2.58E-05	-0.355399	-5.341407	

ELEM 304 ========== LENGTH = 2.977473

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.141952	0.780494	0.080879
2.65E-06	0.089733	1.133357	
0.57746	-0.141952	0.780494	0.080879
2.65E-06	0.055815	0.806042	
0.71831	-0.141952	0.780494	0.080879
2.65E-06	0.021897	0.478728	
0.85915	-0.141952	0.780494	0.080879
2.65E-06	-0.012021	0.151413	
1.00000	-0.141952	0.780494	0.080879
2.65E-06	-0.045939	-0.175901	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.048118	-1.481103	0.289390
4.15E-05	0.323216	-1.226360	
0.57746	-0.048118	-1.481103	0.289390
4.15E-05	0.201855	-0.605232	
0.71831	-0.048118	-1.481103	0.289390
4.15E-05	0.080494	0.015895	
0.85915	-0.048118	-1.481103	0.289390
4.15E-05	-0.040867	0.637023	
1.00000	-0.048118	-1.481103	0.289390
4.15E-05	-0.162228	1.258151	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.410483	0.697068	-0.482716
-5.03E-05	-0.538698	-0.578424	
0.57746	0.410483	0.697068	-0.482716
-5.03E-05	-0.336262	-0.870752	
0.71831	0.410483	0.697068	-0.482716
-5.03E-05	-0.133827	-1.163080	
0.85915	0.410483	0.697068	-0.482716
-5.03E-05	0.068609	-1.455409	
1.00000	0.410483	0.697068	-0.482716
-5.03E-05	0.271045	-1.747737	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.087660	-0.070581	0.145864
3.78E-06	0.163128	0.122698	
0.57746	-0.087660	-0.070581	0.145864
3.78E-06	0.101958	0.152297	
0.71831	-0.087660	-0.070581	0.145864
3.78E-06	0.040787	0.181897	
0.85915	-0.087660	-0.070581	0.145864
3.78E-06	-0.020383	0.211496	
1.00000	-0.087660	-0.070581	0.145864
3.78E-06	-0.081554	0.241096	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 601
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.162138	0.090379	-0.040516
2.90E-06	-0.045313	0.668876	
0.57746	-0.162138	0.090379	-0.040516
2.90E-06	-0.028322	0.630974	
0.71831	-0.162138	0.090379	-0.040516
2.90E-06	-0.011331	0.593072	
0.85915	-0.162138	0.090379	-0.040516
2.90E-06	0.005660	0.555170	
1.00000	-0.162138	0.090379	-0.040516
2.90E-06	0.022651	0.517268	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.029385	-0.016257	0.007100
-5.32E-07	0.007034	-0.116146	
0.57746	0.029385	-0.016257	0.007100
-5.32E-07	0.004957	-0.113328	
0.71831	0.029385	-0.016257	0.007100
-5.32E-07	0.001979	-0.106511	
0.85915	0.029385	-0.016257	0.007100
-5.32E-07	-0.000998	-0.099693	
1.00000	0.029385	-0.016257	0.007100
-5.32E-07	-0.003976	-0.092876	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.106393	1.567941	-0.442353
-4.47E-05	-0.494278	1.223809	
0.57746	0.106393	1.567941	-0.442353
-4.47E-05	-0.308769	0.566264	
0.71831	0.106393	1.567941	-0.442353
-4.47E-05	-0.123260	-0.091281	
0.85915	0.106393	1.567941	-0.442353
-4.47E-05	0.062248	-0.748826	
1.00000	0.106393	1.567941	-0.442353
-4.47E-05	0.247757	-1.406371	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.106393	-1.567941	0.442353
4.47E-05	0.494278	-1.223809	
0.57746	-0.106393	-1.567941	0.442353
4.47E-05	0.308769	-0.566264	
0.71831	-0.106393	-1.567941	0.442353
4.47E-05	0.123260	0.091281	
0.85915	-0.106393	-1.567941	0.442353
4.47E-05	-0.062248	0.748826	
1.00000	-0.106393	-1.567941	0.442353
4.47E-05	-0.247757	1.406371	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.410483	1.567941	0.442353
4.47E-05	0.494278	1.223809	
0.57746	0.410483	1.567941	0.442353
4.47E-05	0.308769	0.806042	
0.71831	0.410483	1.567941	0.442353
4.47E-05	0.123260	0.593072	
0.85915	0.410483	1.567941	0.442353
4.47E-05	0.068609	0.748826	
1.00000	0.410483	1.567941	0.442353
4.47E-05	0.271045	1.406371	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.162138	-1.567941	-0.482716
-5.03E-05	-0.538698	-1.226360	
0.57746	-0.162138	-1.567941	-0.482716
-5.03E-05	-0.336262	-0.870752	
0.71831	-0.162138	-1.567941	-0.482716
-5.03E-05	-0.133827	-1.163080	
0.85915	-0.162138	-1.567941	-0.482716
-5.03E-05	-0.062248	-1.455409	
1.00000	-0.162138	-1.567941	-0.482716
-5.03E-05	-0.247757	-1.747737	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 602
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 305 ========== LENGTH = 2.977542

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.154607	0.821086	0.078226
-1.01E-05	0.043463	-0.168330	
0.14085	-0.154607	0.821086	0.078226
-1.01E-05	0.010656	-0.512681	
0.28170	-0.154607	0.821086	0.078226
-1.01E-05	-0.022151	-0.857033	
0.42255	-0.154607	0.821086	0.078226
-1.01E-05	-0.054958	-1.201384	
0.56340	-0.154607	0.821086	0.078226
-1.01E-05	-0.087765	-1.545736	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016002	-1.576891	0.288359
-6.16E-06	0.101067	1.548411	
0.14085	-0.016002	-1.576891	0.288359
-6.16E-06	0.040134	1.903736	
0.28170	-0.016002	-1.576891	0.288359
-6.16E-06	-0.080800	2.565061	
0.42255	-0.016002	-1.576891	0.288359
-6.16E-06	-0.201733	3.226387	
0.56340	-0.016002	-1.576891	0.288359
-6.16E-06	-0.322667	3.887712	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.387120	0.768502	-0.479879
3.32E-05	-0.267748	-1.738673	
0.14085	0.387120	0.768502	-0.479879
3.32E-05	-0.066493	-2.060971	
0.28170	0.387120	0.768502	-0.479879
3.32E-05	0.134761	-2.383270	
0.42255	0.387120	0.768502	-0.479879
3.32E-05	0.336016	-2.705568	
0.56340	0.387120	0.768502	-0.479879
3.32E-05	0.537270	-3.027867	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.083288	-0.087680	0.145672
-1.89E-05	0.081181	0.239945	
0.14085	-0.083288	-0.087680	0.145672
-1.89E-05	0.020088	0.276716	
0.28170	-0.083288	-0.087680	0.145672
-1.89E-05	-0.041004	0.313488	
0.42255	-0.083288	-0.087680	0.145672
-1.89E-05	-0.102097	0.350260	
0.56340	-0.083288	-0.087680	0.145672
-1.89E-05	-0.163190	0.387031	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162708	0.091431	-0.039195
2.48E-06	-0.021738	0.517578	
0.14085	-0.162708	0.091431	-0.039195
2.48E-06	0.005300	0.479233	
0.28170	-0.162708	0.091431	-0.039195
2.48E-06	0.011138	0.440888	
0.42255	-0.162708	0.091431	-0.039195
2.48E-06	0.027576	0.402544	
0.56340	-0.162708	0.091431	-0.039195
2.48E-06	0.044015	0.364199	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029486	-0.016448	0.006818
-4.29E-07	0.003774	-0.092931	
0.14085	0.029486	-0.016448	0.006818
-4.29E-07	0.000914	-0.086033	
0.28170	0.029486	-0.016448	0.006818
-4.29E-07	-0.001945	-0.079135	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 603
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	0.029486	-0.016448	0.006818
-4.29E-07	-0.004804	-0.072237	
0.56340	0.029486	-0.016448	0.006818
-4.29E-07	-0.007663	-0.065339	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069805	1.681018	-0.440849
2.55E-05	-0.246022	-1.389424	
0.14085	0.069805	1.681018	-0.440849
2.55E-05	-0.061137	-2.094419	
0.28170	0.069805	1.681018	-0.440849
2.55E-05	0.123749	-2.799414	
0.42255	0.069805	1.681018	-0.440849
2.55E-05	0.308635	-3.504409	
0.56340	0.069805	1.681018	-0.440849
2.55E-05	0.493520	-4.209404	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069805	-1.681018	0.440849
-2.55E-05	0.246022	1.389424	
0.14085	-0.069805	-1.681018	0.440849
-2.55E-05	0.061137	2.094419	
0.28170	-0.069805	-1.681018	0.440849
-2.55E-05	-0.123749	2.799414	
0.42255	-0.069805	-1.681018	0.440849
-2.55E-05	-0.308635	3.504409	
0.56340	-0.069805	-1.681018	0.440849
-2.55E-05	-0.493520	4.209404	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.387120	1.681018	0.440849
3.32E-05	0.246022	1.389424	
0.14085	0.387120	1.681018	0.440849
3.32E-05	0.061137	2.094419	
0.28170	0.387120	1.681018	0.440849
3.32E-05	0.134761	2.799414	
0.42255	0.387120	1.681018	0.440849
3.32E-05	0.336016	3.504409	
0.56340	0.387120	1.681018	0.440849
3.32E-05	0.537270	4.209404	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.162708	-1.681018	-0.479879
-2.55E-05	-0.267748	-1.738673	
0.14085	-0.162708	-1.681018	-0.479879
-2.55E-05	-0.066493	-2.094419	
0.28170	-0.162708	-1.681018	-0.479879
-2.55E-05	-0.123749	-2.799414	
0.42255	-0.162708	-1.681018	-0.479879
-2.55E-05	-0.308635	-3.504409	
0.56340	-0.162708	-1.681018	-0.479879
-2.55E-05	-0.493520	-4.209404	

ELEM 306 ========== LENGTH = 2.977469

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.155763	0.464135	0.034436
-2.40E-06	0.037625	0.552918	
0.57746	-0.155763	0.464135	0.034436
-2.40E-06	0.023183	0.358275	
0.71831	-0.155763	0.464135	0.034436
-2.40E-06	0.008742	0.163632	
0.85915	-0.155763	0.464135	0.034436
-2.40E-06	-0.005699	-0.031012	
1.00000	-0.155763	0.464135	0.034436
-2.40E-06	-0.020140	-0.225655	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 604
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.028320	-0.997423	0.393332
5.38E-05	0.438502	-0.689208	
0.57746	-0.028320	-0.997423	0.393332
5.38E-05	0.273552	-0.270921	
0.71831	-0.028320	-0.997423	0.393332
5.38E-05	0.108601	0.147365	
0.85915	-0.028320	-0.997423	0.393332
5.38E-05	-0.056349	0.565652	
1.00000	-0.028320	-0.997423	0.393332
5.38E-05	-0.221300	0.983938	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.409074	0.602629	-0.546861
-5.97E-05	-0.608945	-0.130785	
0.57746	0.409074	0.602629	-0.546861
-5.97E-05	-0.379609	-0.383508	
0.71831	0.409074	0.602629	-0.546861
-5.97E-05	-0.150273	-0.636231	
0.85915	0.409074	0.602629	-0.546861
-5.97E-05	0.079063	-0.888954	
1.00000	0.409074	0.602629	-0.546861
-5.97E-05	0.308398	-1.141677	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.079441	-0.047720	0.150598
6.29E-06	0.168134	0.036611	
0.57746	-0.079441	-0.047720	0.150598
6.29E-06	0.104978	0.056624	
0.71831	-0.079441	-0.047720	0.150598
6.29E-06	0.041822	0.076636	
0.85915	-0.079441	-0.047720	0.150598
6.29E-06	-0.021334	0.096648	
1.00000	-0.079441	-0.047720	0.150598
6.29E-06	-0.084489	0.116660	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.177511	-0.026349	-0.038194
2.48E-06	-0.042806	0.280963	
0.57746	-0.177511	-0.026349	-0.038194
2.48E-06	-0.026789	0.292013	
0.71831	-0.177511	-0.026349	-0.038194
2.48E-06	-0.010772	0.303063	
0.85915	-0.177511	-0.026349	-0.038194
2.48E-06	0.005246	0.314113	
1.00000	-0.177511	-0.026349	-0.038194
2.48E-06	0.021263	0.325162	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.031961	0.004727	0.006690
-4.56E-07	0.007490	-0.050501	
0.57746	0.031961	0.004727	0.006690
-4.56E-07	0.004684	-0.052483	
0.71831	0.031961	0.004727	0.006690
-4.56E-07	0.001879	-0.054465	
0.85915	0.031961	0.004727	0.006690
-4.56E-07	-0.000927	-0.056447	
1.00000	0.031961	0.004727	0.006690
-4.56E-07	-0.003732	-0.058429	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.075800	1.040416	-0.550620
-5.97E-05	-0.614126	0.703097	
0.57746	0.075800	1.040416	-0.550620
-5.97E-05	-0.383214	0.266780	
0.71831	0.075800	1.040416	-0.550620
-5.97E-05	-0.152302	-0.169536	
0.85915	0.075800	1.040416	-0.550620
-5.97E-05	0.078609	-0.605853	
1.00000	0.075800	1.040416	-0.550620
-5.97E-05	0.309521	-1.042169	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.075800	-1.040416	0.550620
5.97E-05	0.614126	-0.703097	
0.57746	-0.075800	-1.040416	0.550620
5.97E-05	0.383214	-0.266780	
0.71831	-0.075800	-1.040416	0.550620
5.97E-05	0.152302	0.169536	
0.85915	-0.075800	-1.040416	0.550620
5.97E-05	-0.078609	0.605853	
1.00000	-0.075800	-1.040416	0.550620
5.97E-05	-0.309521	1.042169	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.409074	1.040416	0.550620
5.97E-05	0.614126	0.703097	
0.57746	0.409074	1.040416	0.550620
5.97E-05	0.383214	0.358275	
0.71831	0.409074	1.040416	0.550620
5.97E-05	0.152302	0.303063	
0.85915	0.409074	1.040416	0.550620
5.97E-05	0.079563	0.605853	
1.00000	0.409074	1.040416	0.550620
5.97E-05	0.309521	1.042169	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.177511	-1.040416	-0.550620
-5.97E-05	-0.614126	-0.703097	
0.57746	-0.177511	-1.040416	-0.550620
-5.97E-05	-0.383214	-0.383508	
0.71831	-0.177511	-1.040416	-0.550620
-5.97E-05	-0.152302	-0.636231	
0.85915	-0.177511	-1.040416	-0.550620
-5.97E-05	-0.078609	-0.888954	
1.00000	-0.177511	-1.040416	-0.550620
-5.97E-05	-0.309521	-1.141677	

ELEM 307 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.163902	0.435777	0.030091
-6.34E-06	0.016560	-0.219212	
0.14085	-0.163902	0.435777	0.030091
-6.34E-06	0.003941	-0.401970	
0.28170	-0.163902	0.435777	0.030091
-6.34E-06	-0.008679	-0.584727	
0.42255	-0.163902	0.435777	0.030091
-6.34E-06	-0.021298	-0.767485	
0.56340	-0.163902	0.435777	0.030091
-6.34E-06	-0.033918	-0.950243	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010698	-0.951379	0.390896
-1.23E-05	0.218934	0.971699	
0.14085	-0.010698	-0.951379	0.390896
-1.23E-05	0.054999	1.370692	
0.28170	-0.010698	-0.951379	0.390896
-1.23E-05	-0.108936	1.769684	
0.42255	-0.010698	-0.951379	0.390896
-1.23E-05	-0.272871	2.168677	
0.56340	-0.010698	-0.951379	0.390896
-1.23E-05	-0.436807	2.567670	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.399103	0.599174	-0.537691
3.53E-05	-0.300508	-1.136593	
0.14085	0.399103	0.599174	-0.537691
3.53E-05	-0.075009	-1.387877	
0.28170	0.399103	0.599174	-0.537691
3.53E-05	0.150490	-1.639160	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	0.399103	0.599174	-0.537691
3.53E-05	0.375988	-1.890444	
0.56340	0.399103	0.599174	-0.537691
3.53E-05	0.601487	-2.141727	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.079264	-0.067190	0.149553
-2.00E-05	0.083539	0.117563	
0.14085	-0.079264	-0.067190	0.149553
-2.00E-05	0.020819	0.145741	
0.28170	-0.079264	-0.067190	0.149553
-2.00E-05	-0.041901	0.173919	
0.42255	-0.079264	-0.067190	0.149553
-2.00E-05	-0.104621	0.202098	
0.56340	-0.079264	-0.067190	0.149553
-2.00E-05	-0.167341	0.230276	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.177136	-0.019961	-0.039755
4.02E-06	-0.022411	0.324931	
0.14085	-0.177136	-0.019961	-0.039755
4.02E-06	-0.005739	0.333302	
0.28170	-0.177136	-0.019961	-0.039755
4.02E-06	0.010934	0.341673	
0.42255	-0.177136	-0.019961	-0.039755
4.02E-06	0.027607	0.350044	
0.56340	-0.177136	-0.019961	-0.039755
4.02E-06	0.044279	0.358416	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031896	0.003579	0.006907
-7.07E-07	0.003885	-0.058388	
0.14085	0.031896	0.003579	0.006907
-7.07E-07	0.000989	-0.059889	
0.28170	0.031896	0.003579	0.006907
-7.07E-07	-0.001908	-0.061389	
0.42255	0.031896	0.003579	0.006907
-7.07E-07	-0.004804	-0.062890	
0.56340	0.031896	0.003579	0.006907
-7.07E-07	-0.007701	-0.064391	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.058065	1.014990	-0.547356
3.30E-05	-0.306359	-1.030875	
0.14085	0.058065	1.014990	-0.547356
3.30E-05	-0.076807	-1.456544	
0.28170	0.058065	1.014990	-0.547356
3.30E-05	0.152745	-1.882214	
0.42255	0.058065	1.014990	-0.547356
3.30E-05	0.382297	-2.307884	
0.56340	0.058065	1.014990	-0.547356
3.30E-05	0.611849	-2.733554	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.058065	-1.014990	0.547356
-3.30E-05	0.306359	1.030875	
0.14085	-0.058065	-1.014990	0.547356
-3.30E-05	0.076807	1.456544	
0.28170	-0.058065	-1.014990	0.547356
-3.30E-05	-0.152745	1.882214	
0.42255	-0.058065	-1.014990	0.547356
-3.30E-05	-0.382297	2.307884	
0.56340	-0.058065	-1.014990	0.547356
-3.30E-05	-0.611849	2.733554	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.399103	1.014990	0.547356
3.53E-05	0.306359	1.030875	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.399103	1.014990	0.547356
3.53E-05	0.076807	1.456544	
0.28170	0.399103	1.014990	0.547356
3.53E-05	0.152745	1.882214	
0.42255	0.399103	1.014990	0.547356
3.53E-05	0.382297	2.307884	
0.56340	0.399103	1.014990	0.547356
3.53E-05	0.611849	2.733554	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.177136	-1.014990	-0.547356
-3.30E-05	-0.306359	-1.136593	
0.14085	-0.177136	-1.014990	-0.547356
-3.30E-05	-0.076807	-1.456544	
0.28170	-0.177136	-1.014990	-0.547356
-3.30E-05	-0.152745	-1.882214	
0.42255	-0.177136	-1.014990	-0.547356
-3.30E-05	-0.382297	-2.307884	
0.56340	-0.177136	-1.014990	-0.547356
-3.30E-05	-0.611849	-2.733554	

ELEM 308 ========== LENGTH = 2.977600

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.071630	0.220142	-0.008135
-4.49E-06	-0.009681	0.202024	
0.57744	-0.071630	0.220142	-0.008135
-4.49E-06	-0.006269	0.109696	
0.71830	-0.071630	0.220142	-0.008135
-4.49E-06	-0.002857	0.017368	
0.85915	-0.071630	0.220142	-0.008135
-4.49E-06	0.000555	-0.074959	
1.00000	-0.071630	0.220142	-0.008135
-4.49E-06	0.003967	-0.167287	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.006062	-0.487177	0.474385
5.67E-05	0.529843	-0.211347	
0.57744	-0.006062	-0.487177	0.474385
5.67E-05	0.329986	-0.007025	
0.71830	-0.006062	-0.487177	0.474385
5.67E-05	0.131029	0.197297	
0.85915	-0.006062	-0.487177	0.474385
5.67E-05	-0.067928	0.401619	
1.00000	-0.006062	-0.487177	0.474385
5.67E-05	-0.266885	0.605941	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.160254	0.302445	-0.576832
-5.89E-05	-0.642778	-0.111702	
0.57744	0.160254	0.302445	-0.576832
-5.89E-05	-0.400854	-0.238547	
0.71830	0.160254	0.302445	-0.576832
-5.89E-05	-0.158931	-0.365393	
0.85915	0.160254	0.302445	-0.576832
-5.89E-05	0.082993	-0.492238	
1.00000	0.160254	0.302445	-0.576832
-5.89E-05	0.324916	-0.619084	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.025418	-0.007963	0.137991
4.88E-06	0.154297	0.006079	
0.57744	-0.025418	-0.007963	0.137991
4.88E-06	0.096424	0.009419	
0.71830	-0.025418	-0.007963	0.137991
4.88E-06	0.038550	0.012758	
0.85915	-0.025418	-0.007963	0.137991
4.88E-06	-0.019323	0.016098	
1.00000	-0.025418	-0.007963	0.137991
4.88E-06	-0.077196	0.019437	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.069699	-0.033476	-0.033229
2.17E-06	-0.037305	0.140196	
0.57744	-0.069699	-0.033476	-0.033229
2.17E-06	-0.023369	0.154236	
0.71830	-0.069699	-0.033476	-0.033229
2.17E-06	-0.009433	0.168275	
0.85915	-0.069699	-0.033476	-0.033229
2.17E-06	0.004503	0.182315	
1.00000	-0.069699	-0.033476	-0.033229
2.17E-06	0.018439	0.196355	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.012557	0.006028	0.005821
-3.99E-07	0.006524	-0.025250	
0.57744	0.012557	0.006028	0.005821
-3.99E-07	0.004083	-0.027778	
0.71830	0.012557	0.006028	0.005821
-3.99E-07	0.001641	-0.030306	
0.85915	0.012557	0.006028	0.005821
-3.99E-07	-0.000800	-0.032834	
1.00000	0.012557	0.006028	0.005821
-3.99E-07	-0.003241	-0.035362	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.018924	0.489112	-0.618196
-6.12E-05	-0.689763	0.230518	
0.57744	0.018924	0.489112	-0.618196
-6.12E-05	-0.430492	0.025385	
0.71830	0.018924	0.489112	-0.618196
-6.12E-05	-0.171220	-0.179749	
0.85915	0.018924	0.489112	-0.618196
-6.12E-05	0.088051	-0.384883	
1.00000	0.018924	0.489112	-0.618196
-6.12E-05	0.347322	-0.590016	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.018924	-0.489112	0.618196
6.12E-05	0.689763	-0.230518	
0.57744	-0.018924	-0.489112	0.618196
6.12E-05	0.430492	-0.025385	
0.71830	-0.018924	-0.489112	0.618196
6.12E-05	0.171220	0.179749	
0.85915	-0.018924	-0.489112	0.618196
6.12E-05	-0.088051	0.384883	
1.00000	-0.018924	-0.489112	0.618196
6.12E-05	-0.347322	0.590016	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.160254	0.489112	0.618196
6.12E-05	0.689763	0.230518	
0.57744	0.160254	0.489112	0.618196
6.12E-05	0.430492	0.154236	
0.71830	0.160254	0.489112	0.618196
6.12E-05	0.171220	0.197297	
0.85915	0.160254	0.489112	0.618196
6.12E-05	0.088051	0.401619	
1.00000	0.160254	0.489112	0.618196
6.12E-05	0.347322	0.605941	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.071630	-0.489112	-0.618196
-6.12E-05	-0.689763	-0.230518	
0.57744	-0.071630	-0.489112	-0.618196
-6.12E-05	-0.430492	-0.238547	
0.71830	-0.071630	-0.489112	-0.618196
-6.12E-05	-0.171220	-0.365393	
0.85915	-0.071630	-0.489112	-0.618196
-6.12E-05	-0.088051	-0.492238	
1.00000	-0.071630	-0.489112	-0.618196
-6.12E-05	-0.347322	-0.619084	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 309 ========== LENGTH = 2.976604

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082466	0.259892	-0.011732
-2.21E-06	-0.006836	-0.161513	
0.14082	-0.082466	0.259892	-0.011732
-2.21E-06	0.001919	-0.270447	
0.28163	-0.082466	0.259892	-0.011732
-2.21E-06	0.002998	-0.379381	
0.42245	-0.082466	0.259892	-0.011732
-2.21E-06	0.007916	-0.488315	
0.56326	-0.082466	0.259892	-0.011732
-2.21E-06	0.012833	-0.597249	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013978	-0.564479	0.472117
-1.62E-05	0.524651	0.259455	
0.14082	0.013978	-0.564479	0.472117
-1.62E-05	0.066362	0.833057	
0.28163	0.013978	-0.564479	0.472117
-1.62E-05	-0.131526	1.069659	
0.42245	0.013978	-0.564479	0.472117
-1.62E-05	-0.329415	1.306260	
0.56326	0.013978	-0.564479	0.472117
-1.62E-05	-0.527303	1.542862	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154700	0.337609	-0.569073
3.08E-05	-0.317863	-0.617936	
0.14082	0.154700	0.337609	-0.569073
3.08E-05	-0.079335	-0.759445	
0.28163	0.154700	0.337609	-0.569073
3.08E-05	0.159192	-0.900954	
0.42245	0.154700	0.337609	-0.569073
3.08E-05	0.397720	-1.042463	
0.56326	0.154700	0.337609	-0.569073
3.08E-05	0.636247	-1.183973	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030433	-0.004551	0.137662
-1.55E-05	0.076776	0.022735	
0.14082	-0.030433	-0.004551	0.137662
-1.55E-05	0.019075	0.024643	
0.28163	-0.030433	-0.004551	0.137662
-1.55E-05	-0.038626	0.026550	
0.42245	-0.030433	-0.004551	0.137662
-1.55E-05	-0.096328	0.028458	
0.56326	-0.030433	-0.004551	0.137662
-1.55E-05	-0.154029	0.030365	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068045	-0.034723	-0.035032
3.87E-06	-0.019727	0.195460	
0.14082	-0.068045	-0.034723	-0.035032
3.87E-06	-0.005043	0.210014	
0.28163	-0.068045	-0.034723	-0.035032
3.87E-06	0.009641	0.224568	
0.42245	-0.068045	-0.034723	-0.035032
3.87E-06	0.024324	0.239122	
0.56326	-0.068045	-0.034723	-0.035032
3.87E-06	0.039008	0.253677	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012265	0.006252	0.006058
-6.79E-07	0.003400	-0.035201	
0.14082	0.012265	0.006252	0.006058
-6.79E-07	0.000861	-0.037821	
0.28163	0.012265	0.006252	0.006058
-6.79E-07	-0.001678	-0.040442	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42245	0.012265	0.006252	0.006058
-6.79E-07	-0.004217	-0.043062	
0.56326	0.012265	0.006252	0.006058
-6.79E-07	-0.006756	-0.045683	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004190	0.562778	-0.615836
3.24E-05	-0.344426	-0.583989	
0.14082	0.004190	0.562778	-0.615836
3.24E-05	-0.086297	-0.819878	
0.28163	0.004190	0.562778	-0.615836
3.24E-05	0.171831	-1.055767	
0.42245	0.004190	0.562778	-0.615836
3.24E-05	0.429959	-1.291656	
0.56326	0.004190	0.562778	-0.615836
3.24E-05	0.688088	-1.527545	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004190	-0.562778	0.615836
-3.24E-05	0.344426	0.583989	
0.14082	-0.004190	-0.562778	0.615836
-3.24E-05	0.086297	0.819878	
0.28163	-0.004190	-0.562778	0.615836
-3.24E-05	-0.171831	1.055767	
0.42245	-0.004190	-0.562778	0.615836
-3.24E-05	-0.429959	1.291656	
0.56326	-0.004190	-0.562778	0.615836
-3.24E-05	-0.688088	1.527545	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.154700	0.562778	0.615836
3.24E-05	0.344426	0.596455	
0.14082	0.154700	0.562778	0.615836
3.24E-05	0.086297	0.833057	
0.28163	0.154700	0.562778	0.615836
3.24E-05	0.171831	1.069659	
0.42245	0.154700	0.562778	0.615836
3.24E-05	0.429959	1.306260	
0.56326	0.154700	0.562778	0.615836
3.24E-05	0.688088	1.542862	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082466	-0.564479	-0.615836
-3.24E-05	-0.344426	-0.617936	
0.14082	-0.082466	-0.564479	-0.615836
-3.24E-05	-0.086297	-0.819878	
0.28163	-0.082466	-0.564479	-0.615836
-3.24E-05	-0.171831	-1.055767	
0.42245	-0.082466	-0.564479	-0.615836
-3.24E-05	-0.429959	-1.291656	
0.56326	-0.082466	-0.564479	-0.615836
-3.24E-05	-0.688088	-1.527545	

ELEM 310 ========== LENGTH = 2.976746

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.012553	0.121388	-0.044852
-5.48E-06	-0.050447	0.067716	
0.57754	-0.012553	0.121388	-0.044852
-5.48E-06	-0.031646	0.016832	
0.71836	-0.012553	0.121388	-0.044852
-5.48E-06	-0.012844	-0.034053	
0.85918	-0.012553	0.121388	-0.044852
-5.48E-06	0.005957	-0.084937	
1.00000	-0.012553	0.121388	-0.044852
-5.48E-06	0.024759	-0.135822	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.021745	-0.220159	0.531873
5.92E-05	0.592586	-0.020144	
0.57754	0.021745	-0.220159	0.531873
5.92E-05	0.369632	0.072143	
0.71836	0.021745	-0.220159	0.531873
5.92E-05	0.146678	0.164431	
0.85918	0.021745	-0.220159	0.531873
5.92E-05	-0.076276	0.256718	
1.00000	0.021745	-0.220159	0.531873
5.92E-05	-0.299230	0.349006	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	-0.033178	0.058316	-0.573774
-6.12E-05	-0.639157	-0.133561	
0.57754	-0.033178	0.058316	-0.573774
-6.12E-05	-0.398638	-0.158006	
0.71836	-0.033178	0.058316	-0.573774
-6.12E-05	-0.158120	-0.182452	
0.85918	-0.033178	0.058316	-0.573774
-6.12E-05	0.082399	-0.206897	
1.00000	-0.033178	0.058316	-0.573774
-6.12E-05	0.322917	-0.231342	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.015568	0.060192	0.107352
6.63E-06	0.120128	0.020058	
0.57754	0.015568	0.060192	0.107352
6.63E-06	0.075128	-0.005174	
0.71836	0.015568	0.060192	0.107352
6.63E-06	0.030127	-0.030406	
0.85918	0.015568	0.060192	0.107352
6.63E-06	-0.014874	-0.055637	
1.00000	0.015568	0.060192	0.107352
6.63E-06	-0.059874	-0.080869	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43672	0.010169	-0.024108	-0.024974
9.87E-07	-0.028001	0.080503	
0.57754	0.010169	-0.024108	-0.024974
9.87E-07	-0.017532	0.090609	
0.71836	0.010169	-0.024108	-0.024974
9.87E-07	-0.007063	0.100715	
0.85918	0.010169	-0.024108	-0.024974
9.87E-07	0.003406	0.110821	
1.00000	0.010169	-0.024108	-0.024974
9.87E-07	0.013875	0.120927	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.001750	0.004371	0.004376	
-1.85E-07	0.004891	-0.014571		
0.57754	-0.001750	0.004371	0.004376	
-1.85E-07	0.003057	-0.016403		
0.71836	-0.001750	0.004371	0.004376	
-1.85E-07	0.001222	-0.018235		
0.85918	-0.001750	0.004371	0.004376	
-1.85E-07	-0.000612	-0.020067		
1.00000	-0.001750	0.004371	0.004376	
-1.85E-07	-0.002447	-0.021900		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.035563	0.155596	-0.643601	
-6.57E-05	-0.717605	0.014658		
0.57754	-0.035563	0.155596	-0.643601	
-6.57E-05	-0.447816	-0.050566		
0.71836	-0.035563	0.155596	-0.643601	
-6.57E-05	-0.178027	-0.115790		
0.85918	-0.035563	0.155596	-0.643601	
-6.57E-05	0.091762	-0.181014		
1.00000	-0.035563	0.155596	-0.643601	
-6.57E-05	0.361551	-0.246237		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
612

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.035563	-0.155596	0.643601	
6.57E-05	0.717605	-0.014658		
0.57754	0.035563	-0.155596	0.643601	
6.57E-05	0.447816	0.050566		
0.71836	0.035563	-0.155596	0.643601	
6.57E-05	0.178027	0.115790		
0.85918	0.035563	-0.155596	0.643601	
6.57E-05	0.091762	0.181014		
1.00000	0.035563	-0.155596	0.643601	
6.57E-05	-0.361551	0.246237		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.035563	0.155596	0.643601	
6.57E-05	0.717605	0.080503		
0.57754	0.035563	0.155596	0.643601	
6.57E-05	0.447816	0.090609		
0.71836	0.035563	0.155596	0.643601	
6.57E-05	0.178027	0.164431		
0.85918	0.035563	0.155596	0.643601	
6.57E-05	0.091762	0.256718		
1.00000	0.035563	0.155596	0.643601	
6.57E-05	0.361551	0.349006		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.035563	-0.220159	-0.643601	
-6.57E-05	-0.717605	-0.133561		
0.57754	-0.035563	-0.220159	-0.643601	
-6.57E-05	-0.447816	-0.158006		
0.71836	-0.035563	-0.220159	-0.643601	
-6.57E-05	-0.178027	-0.182452		
0.85918	-0.035563	-0.220159	-0.643601	
-6.57E-05	-0.091762	-0.206897		
1.00000	-0.035563	-0.220159	-0.643601	
-6.57E-05	-0.361551	-0.246237		

ELEM 311 ========== LENGTH = 2.977743

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.019093	0.120345	-0.046426	
2.41E-06	-0.026005	-0.131214		
0.14086	-0.019093	0.120345	-0.046426	
2.41E-06	-0.006533	-0.181691		
0.28171	-0.019093	0.120345	-0.046426	
2.41E-06	0.012940	-0.232168		
0.42257	-0.019093	0.120345	-0.046426	
2.41E-06	0.032412	-0.282645		
0.56343	-0.019093	0.120345	-0.046426	
2.41E-06	0.051885	-0.333122		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.030586	-0.216471	0.526516	
-2.28E-05	0.294586	0.343393		
0.14086	0.030586	-0.216471	0.526516	
-2.28E-05	0.073746	0.434189		
0.28171	0.030586	-0.216471	0.526516	
-2.28E-05	-0.147094	0.524984		
0.42257	0.030586	-0.216471	0.526516	
-2.28E-05	-0.367933	0.615780		
0.56343	0.030586	-0.216471	0.526516	
-2.28E-05	-0.588773	0.706575		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.028519	0.053642	-0.566244	
2.96E-05	-0.316592	-0.234909		
0.14086	-0.028519	0.053642	-0.566244	
2.96E-05	-0.079089	-0.257409		
0.28171	-0.028519	0.053642	-0.566244	
2.96E-05	0.158414	-0.279908		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
613

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257	-0.028519	0.053642	-0.566244	
2.96E-05	-0.237417	-0.302407		
0.56343	-0.028519	0.053642	-0.566244	
2.96E-05	0.633420	-0.324907		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.006521	0.062767	0.107475	
-1.19E-05	0.059977	-0.074982		
0.14086	0.006521	0.062767	0.107475	
-1.19E-05	0.014898	-0.101309		
0.28171	0.006521	0.062767	0.107475	
-1.19E-05	-0.030181	-0.127636		
0.42257	0.006521	0.062767	0.107475	
-1.19E-05	-0.075260	-0.153963		
0.56343	0.006521	0.062767	0.107475	
-1.19E-05	-0.120339	-0.180290		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.012701	-0.024775	-0.025716	
3.18E-06	-0.014411	0.119323		
0.14086	0.012701	-0.024775	-0.025716	
3.18E-06	-0.003625	0.129715		
0.28171	0.012701	-0.024775	-0.025716	
3.18E-06	0.007161	0.140106		
0.42257	0.012701	-0.024775	-0.025716	
3.18E-06	0.017947	0.150498		
0.56343	0.012701	-0.024775	-0.025716	
3.18E-06	0.028733	0.160889		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.002196	0.004491	0.004394	
-5.58E-07	0.002446	-0.021611		
0.14086	-0.002196	0.004491	0.004394	
-5.58E-07	0.000603	-0.023495		
0.28171	-0.002196	0.004491	0.004394	
-5.58E-07	-0.001240	-0.025379		
0.42257	-0.002196	0.004491	0.004394	
-5.58E-07	-0.003083	-0.027262		
0.56343	-0.002196	0.004491	0.004394	
-5.58E-07	-0.004926	-0.029146		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.034910	0.149212	-0.638386	
3.52E-05	-0.357009	-0.246800		
0.14086	-0.034910	0.149212	-0.638386	
3.52E-05	-0.089247	-0.309385		
0.28171	-0.034910	0.149212	-0.638386	
3.52E-05	0.178515	-0.371970		
0.42257	-0.034910	0.149212	-0.638386	
3.52E-05	0.446276	-0.434555		
0.56343	-0.034910	0.149212	-0.638386	
3.52E-05	0.714038	-0.497140		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.034910	-0.149212	0.638386	
-3.52E-05	0.357009	0.246800		
0.14086	0.034910	-0.149212	0.638386	
-3.52E-05	0.089247	0.309385		
0.28171	0.034910	-0.149212	0.638386	
-3.52E-05	-0.178515	0.371970		
0.42257	0.034910	-0.149212	0.638386	
-3.52E-05	-0.446276	0.434555		
0.56343	0.034910	-0.149212	0.638386	
-3.52E-05	-0.714038	0.497140		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.034910	0.149212	0.638386	
3.52E-05	0.357009	0.343393		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
614

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14086	0.034910	0.149212	0.638386	
3.52E-05	0.089247	0.434189		
0.28171	0.034910	0.149212	0.638386	
3.52E-05	0.178515	0.524984		
0.42257	0.034910	0.149212	0.638386	
3.52E-05	0.446276	0.615780		
0.56343	0.034910	0.149212	0.638386	
3.52E-05	0.714038	0.706575		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.034910	-0.216471	-0.638386	
-3.52E-05	-0.357009	-0.246800		
0.14086	-0.034910	-0.216471	-0.638386	
-3.52E-05	-0.089247	-0.309385		
0.28171	-0.034910	-0.216471	-0.638386	
-3.52E-05	-0.178515	-0.371970		
0.42257	-0.034910	-0.216471	-0.638386	
-3.52E-05	-0.446276	-0.434555		
0.56343	-0.034910	-0.216471	-0.638386	
-3.52E-05	-0.714038	-0.497140		

ELEM 312 ========== LENGTH = 2.976964

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.002698	0.052281	-0.071907	
-5.61E-06	-0.080378	0.001912		
0.57751	0.002698	0.052281	-0.071907	
-5.61E-06	-0.050232	-0.020006		
0.71834	0.002698	0.052281	-0.071907	
-5.61E-06	-0.020085	-0.041925		
0.85917	0.002698	0.052281	-0.071907	
-5.61E-06	0.010061	-0.063843		
1.00000	0.002698	0.052281	-0.071907	
-5.61E-06	0.040207	-0.085762		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.025953	0.018334	0.557674	
5.88E-05	0.621280	0.125293		
0.57751	0.025953	0.018334	0.557674	
5.88E-05	0.387480	0.117607		
0.71834	0.025953	0.018334	0.557674	
5.88E-05	0.153680	0.109921		
0.85917	0.025953	0.018334	0.557674	
5.88E-05	-0.080120	0.102234		
1.00000	0.025953	0.018334	0.557674	
5.88E-05	-0.313920	0.094548		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.076491	-0.213421	-0.534269	
-6.02E-05	-0.595510	-0.245481		
0.57751	-0.076491	-0.213421	-0.534269	
-6.02E-05	-0.371523	-0.156006		
0.71834	-0.076491	-0.213421	-0.534269	
-6.02E-05	-0.147536	-0.066531		
0.85917	-0.076491	-0.213421	-0.534269	
-6.02E-05	0.076452	0.022944		
1.00000	-0.076491	-0.213421	-0.534269	
-6.02E-05	0.300439	0.112419		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.021082	0.161696	0.058775	
6.81E-06	0.066197	0.084324		
0.57751	0.021082	0.161696	0.058775	
6.81E-06	0.041556	0.016534		
0.71834	0.021082	0.161696	0.058775	
6.81E-06	0.016915	-0.051256		
0.85917	0.021082	0.161696	0.058775	
6.81E-06	-0.007726	-0.119046		
1.00000	0.021082	0.161696	0.058775	
6.81E-06	-0.032367	-0.186835		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
615

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.032464	-0.023128	-0.012458	
1.86E-07	-0.014027	0.041565		
0.57751	0.032464	-0.023128	-0.012458	
1.86E-07	-0.008804	0.051261		
0.71834	0.032464	-0.023128	-0.012458	
1.86E-07	-0.003581	0.060958		
0.85917	0.032464	-0.023128	-0.012458	
1.86E-07	0.001642	0.070654		
1.00000	0.032464	-0.023128	-0.012458	
1.86E-07	0.006865	0.080350		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.005705	0.004238	0.002184	
-3.87E-08	0.002538	-0.007814		
0.57751	-0.005705	0.004238	0.002184	
-3.87E-08	0.001523	-0.009390		
0.71834	-0.005705	0.004238	0.002184	
-3.87E-08	0.000607	-0.011167		
0.85917	-0.005705	0.004238	0.002184	
-3.87E-08	-0.000309	-0.012944		
1.00000	-0.005705	0.004238	0.002184	
-3.87E-08	-0.001224	-0.014720		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.041330	-0.184268	-0.618634	
-6.56E-05	-0.689916	-0.202003		
0.57751	-0.041330	-0.184268	-0.618634	
-6.56E-05	-0.430559	-0.124750		
0.71834	-0.041330	-0.184268	-0.618634	
-6.56E-05	-0.171202	-0.047498		
0.85917	-0.041330	-0.184268	-0.618634	
-6.56E-05	0.088154	0.029755		
1.00000	-0.041330	-0.184268	-0.618634	
-6.56E-05	0.347511	0.107007		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.041330	0.184268	0.618634	
6.56E-05	0.689916	0.202003		
0.57751	0.041330	0.184268	0.618634	
6.56E-05	0.430559	0.124750		
0.71834	0.041330	0.184268	0.618634	
6.56E-05	0.171202	0.047498		
0.85917	0.041330	0.184268	0.618634	
6.56E-05	-0.088154	-0.029755		
1.00000	0.041330	0.184268	0.618634	
6.56E-05	-0.347511	-0.107007		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.041330	0.184268	0.618634	
6.56E-05	0.689916	0.202003		
0.57751	0.041330	0.184268	0.618634	
6.56E-05	0.430559	0.124750		
0.71834	0.041330	0.184268	0.618634	
6.56E-05	0.171202	0.109921		
0.85917	0.041330	0.184268	0.618634	
6.56E-05	0.088154	0.102234		
1.00000	0.041330	0.184268	0.618634	
6.56E-05	0.347511	0.112419		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.076491	-0.213421	-0.618634	
-6.56E-05	-0.689916	-0.245481		
0.57751	-0.076491	-0.213421	-0.618634	
-6.56E-05	-0.430559	-0.156006		
0.71834	-0.076491	-0.213421	-0.618634	
-6.56E-05	-0.171202	-0.066531		
0.85917	-0.076491	-0.213421	-0.618634	
-6.56E-05	-0.088154	-0.119046		
1.00000	-0.076491	-0.213421	-0.618634	
-6.56E-05	-0.347511	-0.186835		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
616

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 313 ========== LENGTH = 2.977961

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.001742	0.053679	-0.071817	
6.11E-06	-0.040107	-0.082529		
0.14086	-0.001742	0.053679	-0.071817	
6.11E-06	-0.009981	-0.105046		
0.28173	-0.001742	0.053679	-0.071817	
6.11E-06	0.020146	-0.127564		
0.42259	-0.001742	0.053679	-0.071817	
6.11E-06	0.050273	-0.150082		
0.56346	-0.001742	0.053679	-0.071817	
6.11E-06	0.080399	-0.172600		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.028223	0.014438	0.551811	
-2.60E-05	0.302806	0.093105		
0.14086	0.028223	0.014438	0.551811	
-2.60E-05	0.077326	0.087049		
0.28173	0.028223	0.014438	0.551811	
-2.60E-05	-0.154153	0.080992		
0.42259	0.028223	0.014438	0.551811	
-2.60E-05	-0.385633	0.074936		
0.56346	0.028223	0.014438	0.551811	
-2.60E-05	-0.617112	0.068880		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.064341	-0.209506	-0.529622	
2.36E-05	-0.296336	0.104195		
0.14086	-0.064341	-0.209506	-0.529622	
2.36E-05	-0.074164	0.192081		
0.28173	-0.064341	-0.209506	-0.529622	
2.36E-05	0.148007	0.279967		
0.42259	-0.064341	-0.209506	-0.529622	
2.36E-05	0.370178	0.367852		
0.56346	-0.064341	-0.209506	-0.529622	
2.36E-05	0.592349	0.455738		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.008263	0.160015	0.060143	
-4.71E-06	0.033473	-0.178547		
0.14086	0.008263	0.160015	0.060143	
-4.71E-06	0.008243	-0.245671		
0.28173	0.008263	0.160015	0.060143	
-4.71E-06	-0.016986	-0.312796		
0.42259	0.008263	0.160015	0.060143	
-4.71E-06	-0.042216	-0.379920		
0.56346	0.008263	0.160015	0.060143	
-4.71E-06	-0.067445	-0.447045		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.035909	-0.022805	-0.012566	
1.22E-06	-0.006946	0.078088		
0.14086	0.035909	-0.022805	-0.012566	
1.22E-06	-0.001075	0.087854		
0.28173	0.035909	-0.022805	-0.012566	
1.22E-06	0.003596	0.097221		
0.42259	0.035909	-0.022805	-0.012566	
1.22E-06	0.008867	0.106787		
0.56346	0.035909	-0.022805	-0.012566	
1.22E-06	0.014139	0.116354		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.006311	0.004179	0.002050	
-2.10E-07	0.001111	-0.014314		
0.14086	-0.006311	0.004179	0.002050	
-2.10E-07	0.000251	-0.016067		
0.28173	-0.006311	0.004179	0.002050	
-2.10E-07	-0.000610	-0.017820		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
617

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42259	-0.006311	0.004179	0.002050	
-2.10E-07	-0.001470	-0.019573		
0.56346	-0.006311	0.004179	0.002050	
-2.10E-07	-0.002330	-0.021327		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.030174	-0.178632	-0.614005	
3.09E-05	-0.343389	0.099755		
0.14086	-0.030174	-0.178632	-0.614005	
3.09E-05	-0.085820	0.174689		
0.28173	-0.030174	-0.178632	-0.614005	
3.09E-05	0.171749	0.249623		
0.42259	-0.030174	-0.178632	-0.614005	
3.09E-05	0.429318	0.324558		
0.56346	-0.030174	-0.178632	-0.614005	
3.09E-05	0.686887	0.399492		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.030174	0.178632	0.614005	
-3.09E-05	0.343389	-0.099755		
0.14086	0.030174	0.178632	0.614005	
-3.09E-05	0.085820	-0.174689		
0.28173	0.030174	0.178632	0.614005	
-3.09E-05	-0.171749	-0.249623		
0.42259	0.030174	0.178632	0.614005	
-3.09E-05	-0.429318	-0.324558		
0.56346	0.030174	0.178632	0.614005	
-3.09E-05	-0.686887	-0.399492		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.035909	0.178632	0.614005	
3.09E-05	0.343389	0.104195		
0.14086	0.035909	0.178632	0.614005	
3.09E-05	0.085820	0.192081		
0.28173	0.035909	0.178632	0.614005	
3.09E-05	0.171749	0.279967		
0.42259	0.035909	0.178632	0.614005	
3.09E-05	0.429318	0.367852		
0.56346	0.035909	0.178632	0.614005	
3.09E-05	0.686887	0.455738		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.064341	-0.209506	-0.614005	
-3.09E-05	-0.343389	-0.178547		
0.14086	-0.064341	-0.209506	-0.614005	
-3.09E-05	-0.085820	-0.245671		
0.28173	-0.064341	-0.209506	-0.614005	
-3.09E-05	-0.171749	-0.312796		
0.42259	-0.064341	-0.209506	-0.614005	
-3.09E-05	-0.429318	-0.379920		
0.56346	-0.064341	-0.209506	-0.614005	
-3.09E-05	-0.686887	-0.447045		

ELEM 314 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.004372	0.005973	-0.088900	
4.59E-06	-0.099199	-0.033765		
0.57748	-0.004372	0.005973	-0.088900	
4.59E-06	-0.061922	-0.036269		
0.71832	-0.004372	0.005973	-0.088900	
4.59E-06	-0.024645	-0.038773		
0.85916	-0.004372	0.005973	-0.088900	
4.59E-06	0.012633	-0.041278		
1.00000	-0.004372	0.005973	-0.088900	
4.59E-06	0.049910	-0.043782		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
618

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.008322	0.212474	0.552846	
5.56E-05	0.615970	0.248342		
0.57748	0.008322	0.212474	0.552846	
5.56E-05	0.384154	0.159249		
0.71832	0.008322	0.212474	0.552846	
5.56E-05	0.152338	0.070155		
0.85916	0.008322	0.212474	0.552846	
5.56E-05	-0.079478	-0.018938		
1.00000	0.008322	0.212474	0.552846	
5.56E-05	-0.311295	-0.108032		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.020430	-0.478628	-0.460843	
-5.69E-05	-0.513883	-0.420405		
0.57748	-0.020430	-0.478628	-0.460843	
-5.69E-05	-0.322645	-0.219710		
0.71832	-0.020430	-0.478628	-0.460843	
-5.69E-05	-0.127407	-0.019014		
0.85916	-0.020430	-0.478628	-0.460843	
-5.69E-05	0.065831	0.181682		
1.00000	-0.020430	-0.478628	-0.460843	
-5.69E-05	0.259070	0.382377		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	-0.004214	0.280585	-0.006854	
6.30E-06	-0.006964	0.196112		
0.57748	-0.004214	0.280585	-0.006854	
6.30E-06	-0.004090	0.078459		
0.71832	-0.004214	0.280585	-0.006854	
6.30E-06	-0.001216	-0.039194		
0.85916	-0.004214	0.280585	-0.006854	
6.30E-06	0.001658	-0.156848		
1.00000	-0.004214	0.280585	-0.006854	
6.30E-06	0.004532	-0.274501		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43664	0.025134	-0.025061	0.004547	
-4.38E-07	0.004973	0.012038		
0.57748	0.025134	-0.025061	0.004547	
-4.38E-07	0.003067	0.022547		
0.71832	0.025134	-0.025061	0.004547	
-4.38E-07	0.001160	0.033056		
0.85916	0.025134	-0.025061	0.004547	
-4.38E-07	-0.000747	0.043564		
1.00000	0.025134	-0.025061	0.004547	
-4.38E-07	-0.002653	0.054073		

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43664	-0.004440	0.004658	-0.000796
7.64E-08	-0.000898	-0.002323	
0.57748	-0.004440	0.004658	-0.000796
7.64E-08	-0.000565	-0.004276	
0.71832	-0.004440	0.004658	-0.000796
7.64E-08	-0.000231	-0.006229	
0.85916	-0.004440	0.004658	-0.000796
7.64E-08	0.000103	-0.008182	
1.00000	-0.004440	0.004658	-0.000796
7.64E-08	0.000437	-0.010135	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43664	0.000332	-0.497717	-0.545196
-6.20E-05	-0.608108	-0.442132	
0.57748	0.000332	-0.497717	-0.545196
-6.20E-05	-0.379500	-0.233432	
0.71832	0.000332	-0.497717	-0.545196
-6.20E-05	-0.150891	-0.024732	
0.85916	0.000332	-0.497717	-0.545196
-6.20E-05	0.077717	0.183968	
1.00000	0.000332	-0.497717	-0.545196
-6.20E-05	0.306326	0.392668	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
619

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43664	-0.000332	0.497717	0.545196
6.20E-05	0.608108	0.442132	
0.57748	-0.000332	0.497717	0.545196
6.20E-05	0.379500	0.233432	
0.71832	-0.000332	0.497717	0.545196
6.20E-05	0.150891	0.024732	
0.85916	-0.000332	0.497717	0.545196
6.20E-05	-0.077717	-0.183968	
1.00000	-0.000332	0.497717	0.545196
6.20E-05	-0.306326	-0.392668	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43664	0.025134	0.497717	0.552846
6.20E-05	0.615970	0.442132	
0.57748	0.025134	0.497717	0.552846
6.20E-05	0.384154	0.233432	
0.71832	0.025134	0.497717	0.552846
6.20E-05	0.152338	0.070155	
0.85916	0.025134	0.497717	0.552846
6.20E-05	0.077717	0.183968	
1.00000	0.025134	0.497717	0.552846
6.20E-05	0.306326	0.392668	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43664	-0.020430	-0.497717	-0.545196
-6.20E-05	-0.608108	-0.442132	
0.57748	-0.020430	-0.497717	-0.545196
-6.20E-05	-0.379500	-0.233432	
0.71832	-0.020430	-0.497717	-0.545196
-6.20E-05	-0.150891	-0.039194	
0.85916	-0.020430	-0.497717	-0.545196
-6.20E-05	-0.079478	-0.183968	
1.00000	-0.020430	-0.497717	-0.545196
-6.20E-05	-0.311295	-0.392668	

ELEM 315 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.006572	0.007122	-0.087798
7.87E-06	-0.048912	-0.042046	
0.14084	-0.006572	0.007122	-0.087798
7.87E-06	-0.012097	-0.045033	
0.28168	-0.006572	0.007122	-0.087798
7.87E-06	0.024718	-0.048019	
0.42252	-0.006572	0.007122	-0.087798
7.87E-06	0.061533	-0.051006	
0.56336	-0.006572	0.007122	-0.087798
7.87E-06	0.098348	-0.053992	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.001509	0.252473	0.547958
-2.49E-05	0.306607	-0.105316	
0.14084	0.001509	0.252473	0.547958
-2.49E-05	0.076841	-0.211182	
0.28168	0.001509	0.252473	0.547958
-2.49E-05	-0.152926	-0.317047	
0.42252	0.001509	0.252473	0.547958
-2.49E-05	-0.382693	-0.422913	
0.56336	0.001509	0.252473	0.547958
-2.49E-05	-0.612460	-0.528778	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.004557	-0.574435	-0.459450
1.41E-05	-0.257312	0.369966	
0.14084	0.004557	-0.574435	-0.459450
1.41E-05	-0.064658	0.610835	
0.28168	0.004557	-0.574435	-0.459450
1.41E-05	0.127997	0.851704	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
620

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42252	0.004557	-0.574435	-0.459450
1.41E-05	0.322651	1.092573	
0.56336	0.004557	-0.574435	-0.459450
1.41E-05	0.513305	1.333442	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.024682	0.351143	-0.004284
4.12E-06	-0.002436	-0.264246	
0.14084	-0.024682	0.351143	-0.004284
4.12E-06	-0.000640	-0.411486	
0.28168	-0.024682	0.351143	-0.004284
4.12E-06	0.001157	-0.558725	
0.42252	-0.024682	0.351143	-0.004284
4.12E-06	0.002953	-0.705964	
0.56336	-0.024682	0.351143	-0.004284
4.12E-06	0.004750	-0.853204	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.030592	-0.044445	0.004577
-1.46E-06	0.002659	0.051274	
0.14084	0.030592	-0.044445	0.004577
-1.46E-06	0.000740	0.069911	
0.28168	0.030592	-0.044445	0.004577
-1.46E-06	-0.001179	0.088547	
0.42252	0.030592	-0.044445	0.004577
-1.46E-06	-0.003098	0.107184	
0.56336	0.030592	-0.044445	0.004577
-1.46E-06	-0.005018	0.125820	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.005404	0.008142	-0.001002
2.66E-07	-0.000606	-0.009632	
0.14084	-0.005404	0.008142	-0.001002
2.66E-07	-0.000186	-0.013046	
0.28168	-0.005404	0.008142	-0.001002
2.66E-07	0.000234	-0.016460	
0.42252	-0.005404	0.008142	-0.001002
2.66E-07	0.000654	-0.019874	
0.56336	-0.005404	0.008142	-0.001002
2.66E-07	0.001075	-0.023288	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.028577	-0.611758	-0.542672
2.05E-05	-0.303565	0.379194	
0.14084	0.028577	-0.611758	-0.542672
2.05E-05	-0.076015	0.635713	
0.28168	0.028577	-0.611758	-0.542672
2.05E-05	0.151535	0.892233	
0.42252	0.028577	-0.611758	-0.542672
2.05E-05	0.379085	1.148752	
0.56336	0.028577	-0.611758	-0.542672
2.05E-05	0.606636	1.405271	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.028577	0.611758	0.542672
-2.05E-05	0.303565	-0.379194	
0.14084	-0.028577	0.611758	0.542672
-2.05E-05	0.076015	-0.635713	
0.28168	-0.028577	0.611758	0.542672
-2.05E-05	-0.151535	-0.892233	
0.42252	-0.028577	0.611758	0.542672
-2.05E-05	-0.379085	-1.148752	
0.56336	-0.028577	0.611758	0.542672
-2.05E-05	-0.606636	-1.405271	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.030592	0.611758	0.547958
2.05E-05	0.306607	0.379194	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
621

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.14084	0.030592	0.611758	0.547958
2.05E-05	0.076841	0.635713	
0.28168	0.030592	0.611758	0.547958
2.05E-05	0.151535	0.892233	
0.42252	0.030592	0.611758	0.547958
2.05E-05	0.379085	1.148752	
0.56336	0.030592	0.611758	0.547958
2.05E-05	0.606636	1.405271	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.028577	-0.611758	-0.542672
-2.49E-05	-0.303565	-0.379194	
0.14084	-0.028577	-0.611758	-0.542672
-2.49E-05	-0.076015	-0.635713	
0.28168	-0.028577	-0.611758	-0.542672
-2.49E-05	-0.152926	-0.892233	
0.42252	-0.028577	-0.611758	-0.542672
-2.49E-05	-0.382693	-1.148752	
0.56336	-0.028577	-0.611758	-0.542672
-2.49E-05	-0.612460	-1.405271	

ELEM 316 ========== LENGTH = 2.976631

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	-0.011857	-0.028417	-0.095822
-5.18E-06	-0.106709	-0.062544	
0.57755	-0.011857	-0.028417	-0.095822
-5.18E-06	-0.066545	-0.050633	
0.71837	-0.011857	-0.028417	-0.095822
-5.18E-06	-0.026381	-0.038722	
0.85918	-0.011857	-0.028417	-0.095822
-5.18E-06	0.013784	-0.026811	
1.00000	-0.011857	-0.028417	-0.095822
-5.18E-06	0.053948	-0.014900	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	-0.029191	0.518557	0.521929
5.46E-05	0.581026	0.545838	
0.57755	-0.029191	0.518557	0.521929
5.46E-05	0.362255	0.326480	
0.71837	-0.029191	0.518557	0.521929
5.46E-05	0.143485	0.111123	
0.85918	-0.029191	0.518557	0.521929
5.46E-05	0.075286	-0.106234	
1.00000	-0.029191	0.518557	0.521929
5.46E-05	-0.294056	-0.323592	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	0.073358	-1.032373	-0.362290
-5.34E-05	-0.403895	-0.994089	
0.57755	0.073358	-1.032373	-0.362290
-5.34E-05	-0.252038	-0.561362	
0.71837	0.073358	-1.032373	-0.362290
-5.34E-05	-0.100181	-0.128634	
0.85918	0.073358	-1.032373	-0.362290
-5.34E-05	0.051675	0.304093	
1.00000	0.073358	-1.032373	-0.362290
-5.34E-05	0.203532	0.736820	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	-0.045489	0.597637	-0.084196
4.79E-06	-0.092995	0.551252	
0.57755	-0.045489	0.597637	-0.084196
4.79E-06	-0.057703	0.300748	
0.71837	-0.045489	0.597637	-0.084196
4.79E-06	-0.022412	0.050243	
0.85918	-0.045489	0.597637	-0.084196
4.79E-06	0.012879	-0.200261	
1.00000	-0.045489	0.597637	-0.084196
4.79E-06	0.048170	-0.450765	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
622

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	0.016388	-0.067904	0.024700
-9.71E-07	0.027403	-0.049215	
0.57755	0.016388	-0.067904	0.024700
-9.71E-07	0.017050	-0.020753	
0.71837	0.016388	-0.067904	0.024700
-9.71E-07	0.006697	0.007710	
0.85918	0.016388	-0.067904	0.024700
-9.71E-07	-0.003656	0.036172	
1.00000	0.016388	-0.067904	0.024700
-9.71E-07	-0.014009	0.064635	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43674	-0.003210	0.012499	-0.004321
1.76E-07	-0.004031	0.008759	
0.57755	-0.003210	0.012499	-0.004321
1.76E-07	-0.003019	0.003520	
0.71837	-0.003210	0.012499	-0.004321
1.76E-07	-0.001208	-0.001719	
0.85918	-0.003210	0.012499	-0.004321
1.76E-07	0.000603	-0.006959	
1.00000	-0.003210	0.012499	-0.004321
1.76E-07	0.002414	-0.012198	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43674	0.077890	-1.128694	-0.433412
-5.96E-05	-0.483201	-1.105848	
0.57755	0.077890	-1.128694	-0.433412
-5.96E-05	-0.301533	-0.632748	
0.71837	0.077890	-1.128694	-0.433412
-5.96E-05	-0.119865	-0.159647	
0.85918	0.077890	-1.128694	-0.433412
-5.96E-05	0.061803	0.313454	
1.00000	0.077890	-1.128694	-0.433412
-5.96E-05	0.243472	0.786555	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43674	-0.077890	1.128694	0.433412
5.96E-05	0.483201	1.105848	
0.57755	-0.077890	1.128694	0.433412
5.96E-05	0.301533	0.632748	
0.71837	-0.077890	1.128694	0.433412
5.96E-05	0.119865	0.159647	
0.85918	-0.077890	1.128694	0.433412
5.96E-05	-0.061803	-0.313454	
1.00000	-0.077890	1.128694	0.433412
5.96E-05	-0.243472	-0.786555	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43674	0.077890	1.128694	0.521929
5.96E-05	0.581026	1.105848	
0.57755	0.077890	1.128694	0.521929
5.96E-05	0.362255	0.632748	
0.71837	0.077890	1.128694	0.521929
5.96E-05	0.143485	0.159647	
0.85918	0.077890	1.128694	0.521929
5.96E-05	0.061803	0.313454	
1.00000	0.077890	1.128694	0.521929
5.96E-05	0.243472	0.786555	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43674	-0.077890	-1.128694	-0.433412
-5.96E-05	-0.483201	-1.105848	
0.57755	-0.077890	-1.128694	-0.433412
-5.96E-05	-0.301533	-0.632748	
0.71837	-0.077890	-1.128694	-0.433412
-5.96E-05	-0.119865	-0.159647	
0.85918	-0.077890	-1.128694	-0.433412
-5.96E-05	-0.075286	-0.313454	
1.00000	-0.077890	-1.128694	-0.433412
-5.96E-05	-0.294056	-0.786555	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
623

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 317 ========== LENGTH = 2.977668

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.011127	-0.038998	-0.093865
1.01E-05	-0.052289	-0.014515	
0.14085	-0.011127	-0.038998	-0.093865
1.01E-05	-0.012920	0.001842	
0.28171	-0.011127	-0.038998	-0.093865
1.01E-05	0.026449	0.018198	
0.42256	-0.011127	-0.038998	-0.093865
1.01E-05	0.065817	0.034554	
0.56342	-0.011127	-0.038998	-0.093865
1.01E-05	0.105186	0.050911	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.038996	0.508965	0.515436
-2.55E-05	0.288432	-0.038944	
0.14085	-0.038996	0.508965	0.515436
-2.55E-05	0.072249	-0.530713	
0.28171	-0.038996	0.508965	0.515436
-2.55E-05	-0.143934	-0.744182	
0.42256	-0.038996	0.508965	0.515436
-2.55E-05	-0.360116	-0.957651	
0.56342	-0.038996	0.508965	0.515436
-2.55E-05	-0.576299	-1.171119	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.094745	-0.972716	-0.360707
6.63E-06	-0.202009	0.720899	
0.14085	0.094745	-0.972716	-0.360707
6.63E-06	-0.050722	1.128873	
0.28171	0.094745	-0.972716	-0.360707
6.63E-06	0.100564	1.536846	
0.42256	0.094745	-0.972716	-0.360707
6.63E-06	0.251851	1.944820	
0.56342	0.094745	-0.972716	-0.360707
6.63E-06	0.403138	2.352793	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.061200	0.546925	-0.080919
1.23E-05	-0.045440	-0.438931	
0.14085	-0.061200	0.546925	-0.080919
1.23E-05	-0.011502	-0.668320	
0.28171	-0.061200	0.546925	-0.080919
1.23E-05	0.022437	-0.897710	
0.42256	-0.061200	0.546925	-0.080919
1.23E-05	0.056376	-1.127099	
0.56342	-0.061200	0.546925	-0.080919
1.23E-05	0.090314	-1.356489	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.020506	-0.054213	0.024624
-4.18E-06	0.013926	0.061409	
0.14085	0.020506	-0.054213	0.024624
-4.18E-06	0.003598	0.084147	
0.28171	0.020506	-0.054213	0.024624
-4.18E-06	-0.006729	0.106885	
0.42256	0.020506	-0.054213	0.024624
-4.18E-06	-0.017057	0.129622	
0.56342	0.020506	-0.054213	0.024624
-4.18E-06	-0.027385	0.152360	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.003928	0.010037	-0.004569
7.50E-07	-0.002620	-0.011618	
0.14085	-0.003928	0.010037	-0.004569
7.50E-07	-0.000703	-0.015827	
0.28171	-0.003928	0.010037	-0.004569
7.50E-07	0.001213	-0.020037	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
624

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42256	-0.003928	0.010037	-0.004569
7.50E-07	0.003129	-0.024247	
0.56342	-0.003928	0.010037	-0.004569
7.50E-07	0.005046	-0.028456	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.104124	-1.065927	-0.429948
1.25E-05	-0.240371	0.767793	
0.14085	0.104124	-1.065927	-0.429948
1.25E-05	-0.060044	1.214861	
0.28171	0.104124	-1.065927	-0.429948
1.25E-05	0.120284	1.661929	
0.42256	0.104124	-1.065927	-0.429948
1.25E-05	0.300611	2.108997	
0.56342	0.104124	-1.065927	-0.429948
1.25E-05	0.480939	2.556064	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.104124	1.065927	0.429948
-1.25E-05	0.240371	-0.767793	
0.14085	-0.104124	1.065927	0.429948
-1.25E-05	0.060044	-1.214861	
0.28171	-0.104124	1.065927	0.429948
-1.25E-05	-0.120284	-1.661929	
0.42256	-0.104124	1.065927	0.429948
-1.25E-05	-0.300611	-2.108997	
0.56342	-0.104124	1.065927	0.429948
-1.25E-05	-0.480939	-2.556064	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.104124	1.065927	0.515436
1.25E-05	0.288432	0.767793	
0.14085	0.104124	1.065927	0.515436
1.25E-05	0.072249	1.214861	
0.28171	0.104124	1.065927	0.515436
1.25E-05	0.120284	1.661929	
0.42256	0.104124	1.065927	0.515436
1.25E-05	0.300611	2.108997	
0.56342	0.104124	1.065927	0.515436
1.25E-05	0.480939	2.556064	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.104124	-1.065927	-0.429948
-2.55E-05	-0.240371	-0.767793	
0.14085	-0.104124	-1.065927	-0.429948
-2.55E-05	-0.060044	-1.214861	
0.28171	-0.104124	-1.065927	-0.429948
-2.55E-05	-0.143934	-1.661929	
0.42256	-0.104124	-1.065927	-0.429948
-2.55E-05	-0.360116	-2.108997	
0.56342	-0.104124	-1.065927	-0.429948
-2.55E-05	-0.576299	-2.556064	

ELEM 318 ========== LENGTH = 2.978075

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43652	-0.019637	-0.076868	-0.092779
-3.62E-06	-0.103578	-0.118912	
0.57739	-0.019637	-0.076868	-0.092779
-3.62E-06	-0.064656	-0.085765	
0.71826	-0.019637	-0.076868	-0.092779
-3.62E-06	-0.025733	-0.053517	
0.85913	-0.019637	-0.076868	-0.092779
-3.62E-06	0.013190	-0.021270	
1.00000	-0.019637	-0.076868	-0.092779
-3.62E-06	0.052112	0.010977	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
625

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43652	-0.011183	0.847566	0.463003
4.62E-05	0.516814	0.981427	
0.57739	-0.011183	0.847566	0.463003
4.62E-05	0.322576	0.625858	
0.71826	-0.011183	0.847566	0.463003
4.62E-05	0.128338	0.270288	
0.85913	-0.011183	0.847566	0.463003
4.62E-05	-0.065901	-0.085282	
1.00000	-0.011183	0.847566	0.463003
4.62E-05	-0.260139	-0.440852	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43652	0.061804	-1.589783	-0.239502
-4.08E-05	-0.267673	-1.786950	
0.57739	0.061804	-1.589783	-0.239502
-4.08E-05	-0.167198	-1.120006	
0.71826	0.061804	-1.589783	-0.239502
-4.08E-05	-0.066722	-0.453063	
0.85913	0.061804	-1.589783	-0.239502
-4.08E-05	0.033753	0.213881	
1.00000	0.061804	-1.589783	-0.239502
-4.08E-05	0.134229	0.880825	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43652	-0.035617	0.881671	-0.169436
-1.07E-06	-0.188728	0.989434	
0.57739	-0.035617	0.881671	-0.169436
-1.07E-06	-0.117647	0.619557	
0.71826	-0.035617	0.881671	-0.169436
-1.07E-06	-0.046565	0.249679	
0.85913	-0.035617	0.881671	-0.169436
-1.07E-06	0.024517	-0.120198	
1.00000	-0.035617	0.881671	-0.169436
-1.07E-06	0.095598	-0.490076	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43652	0.006970	-0.076962	0.046909
-7.78E-07	0.052361	-0.080505	
0.57739	0.006970	-0.076962	0.046909
-7.78E-07	0.032681	-0.048218	
0.71826	0.006970	-0.076962	0.046909
-7.78E-07	0.013002	-0.015931	
0.85913	0.006970	-0.076962	0.046909
-7.78E-07	-0.006677	0.016356	
1.00000	0.006970	-0.076962	0.046909
-7.78E-07	-0.026356	0.048643	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.002337	0.014375	-0.008195
1.43E-07	-0.009195	0.014605	
0.57739	-0.002337	0.014375	-0.008195
1.43E-07	-0.005758	0.008575	
0.71826	-0.002337	0.014375	-0.008195
1.43E-07	-0.002320	0.002544	
0.85913	-0.002337	0.014375	-0.008195
1.43E-07	0.001118	-0.003487	
1.00000	-0.002337	0.014375	-0.008195
1.43E-07	0.004556	-0.009518	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.049137	-1.743613	-0.285372
-4.52E-05	-0.318891	-1.985467	
0.57739	0.049137	-1.743613	-0.285372
-4.52E-05	-0.199172	-1.253989	
0.71826	0.049137	-1.743613	-0.285372
-4.52E-05	-0.079453	-0.522511	
0.85913	0.049137	-1.743613	-0.285372
-4.52E-05	0.040266	0.208967	
1.00000	0.049137	-1.743613	-0.285372
-4.52E-05	0.159985	0.940445	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
626

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.049137	1.743613	0.285372
4.52E-05	0.318891	1.985467	
0.57739	-0.049137	1.743613	0.285372
4.52E-05	0.199172	1.253989	
0.71826	-0.049137	1.743613	0.285372
4.52E-05	0.079453	0.522511	
0.85913	-0.049137	1.743613	0.285372
4.52E-05	-0.040266	-0.208967	
1.00000	-0.049137	1.743613	0.285372
4.52E-05	-0.159985	-0.940445	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.061804	1.743613	0.463003
4.62E-05	0.516814	1.985467	
0.57739	0.061804	1.743613	0.463003
4.62E-05	0.322576	1.253989	
0.71826	0.061804	1.743613	0.463003
4.62E-05	0.128338	0.522511	
0.85913	0.061804	1.743613	0.463003
4.62E-05	0.040266	0.213881	
1.00000	0.061804	1.743613	0.463003
4.62E-05	0.159985	0.940445	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.049137	-1.743613	-0.285372
-4.52E-05	-0.318891	-1.985467	
0.57739	-0.049137	-1.743613	-0.285372
-4.52E-05	-0.199172	-1.253989	
0.71826	-0.049137	-1.743613	-0.285372
-4.52E-05	-0.079453	-0.522511	
0.85913	-0.049137	-1.743613	-0.285372
-4.52E-05	-0.065901	-0.208967	
1.00000	-0.049137	-1.743613	-0.285372
-4.52E-05	-0.260139	-0.940445	

ELEM 319 ========== LENGTH = 2.977112

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016479	-0.086565	-0.091061
9.25E-06	-0.050534	0.010234	
0.14083	-0.016479	-0.086565	-0.091061
9.25E-06	-0.012354	0.046529	
0.28167	-0.016479	-0.086565	-0.091061
9.25E-06	0.025826	0.082823	
0.42250	-0.016479	-0.086565	-0.091061
9.25E-06	0.064006	0.119118	
0.56334	-0.016479	-0.086565	-0.091061
9.25E-06	0.102186	0.155413	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.033608	0.911776	0.458027
-2.06E-05	0.255293	-0.432013	
0.14083	-0.033608	0.911776	0.458027
-2.06E-05	0.063253	-0.814301	
0.28167	-0.033608	0.911776	0.458027
-2.06E-05	-0.128788	-1.196588	
0.42250	-0.033608	0.911776	0.458027
-2.06E-05	-0.320829	-1.578875	
0.56334	-0.033608	0.911776	0.458027
-2.06E-05	-0.512869	-1.961163	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.099437	-1.702369	-0.238252
-3.46E-06	-0.132920	0.863228	
0.14083	0.099437	-1.702369	-0.238252
-3.46E-06	-0.033026	1.576994	
0.28167	0.099437	-1.702369	-0.238252
-3.46E-06	0.066868	2.290759	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
627

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	0.099437	-1.702369	-0.238252
-3.46E-06	0.066762	2.004525	
0.56334	0.099437	-1.702369	-0.238252
-3.46E-06	0.266656	3.718291	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059077	0.956898	-0.167165
2.09E-05	-0.093343	-0.477845	
0.14083	-0.059077	0.956898	-0.167165
2.09E-05	-0.023254	-0.879051	
0.28167	-0.059077	0.956898	-0.167165
2.09E-05	0.046835	-1.280257	
0.42250	-0.059077	0.956898	-0.167165
2.09E-05	0.116923	-1.681464	
0.56334	-0.059077	0.956898	-0.167165
2.09E-05	0.187012	-2.082670	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013152	-0.097881	0.047005
-7.52E-06	0.026346	0.045316	
0.14083	0.013152	-0.097881	0.047005
-7.52E-06	0.000638	0.086355	
0.28167	0.013152	-0.097881	0.047005
-7.52E-06	-0.013071	0.127395	
0.42250	0.013152	-0.097881	0.047005
-7.52E-06	-0.032779	0.168434	
0.56334	0.013152	-0.097881	0.047005
-7.52E-06	-0.052487	0.209473	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003425	0.018141	-0.008554
1.34E-06	-0.004843	-0.008919	
0.14083	-0.003425	0.018141	-0.008554
1.34E-06	-0.001256	-0.016526	
0.28167	-0.003425	0.018141	-0.008554
1.34E-06	0.002330	-0.024132	
0.42250	-0.003425	0.018141	-0.008554
1.34E-06	0.005917	-0.031738	
0.56334	-0.003425	0.018141	-0.008554
1.34E-06	0.009503	-0.039344	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096110	-1.886815	-0.282308
-1.73E-06	-0.157108	0.918777	
0.14083	0.096110	-1.886815	-0.282308
-1.73E-06	-0.038742	1.709877	
0.28167	0.096110	-1.886815	-0.282308
-1.73E-06	0.079623	2.500977	
0.42250	0.096110	-1.886815	-0.282308
-1.73E-06	0.197989	3.292077	
0.56334	0.096110	-1.886815	-0.282308
-1.73E-06	0.316355	4.083177	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096110	1.886815	0.282308
1.73E-06	0.157108	-0.918777	
0.14083	-0.096110	1.886815	0.282308
1.73E-06	0.038742	-1.709877	
0.28167	-0.096110	1.886815	0.282308
1.73E-06	-0.079623	-2.500977	
0.42250	-0.096110	1.886815	0.282308
1.73E-06	-0.197989	-3.292077	
0.56334	-0.096110	1.886815	0.282308
1.73E-06	-0.316355	-4.083177	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.099437	1.886815	0.458027
2.09E-05	0.255293	0.918777	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
628

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	0.099437	1.886815	0.458027
2.09E-05	0.063253	1.709877	
0.28167	0.099437	1.886815	0.458027
2.09E-05	0.079623	2.500977	
0.42250	0.099437	1.886815	0.458027
2.09E-05	0.197989	3.292077	
0.56334	0.099437	1.886815	0.458027
2.09E-05	0.316355	4.083177	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.096110	-1.886815	-0.282308
-2.06E-05	-0.157108	-0.918777	
0.14083	-0.096110	-1.886815	-0.282308
-2.06E-05	-0.038742	-1.709877	
0.28167	-0.096110	-1.886815	-0.282308
-2.06E-05	-0.128788	-2.500977	
0.42250	-0.096110	-1.886815	-0.282308
-2.06E-05	-0.320829	-3.292077	
0.56334	-0.096110	-1.886815	-0.282308
-2.06E-05	-0.512869	-4.083177	

ELEM 320 ========== LENGTH = 2.976630

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.022581	-0.126963	-0.088935
-2.65E-06	-0.095859	-0.192999	
0.57755	-0.022581	-0.126963	-0.088935
-2.65E-06	-0.058582	-0.139782	
0.71837	-0.022581	-0.126963	-0.088935
-2.65E-06	-0.021304	-0.086564	
0.85918	-0.022581	-0.126963	-0.088935
-2.65E-06	0.015973	-0.033347	
1.00000	-0.022581	-0.126963	-0.088935
-2.65E-06	0.053251	0.019871	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.036534	1.245632	0.415897
3.35E-05	0.448137	1.577736	
0.57755	0.036534	1.245632	0.415897
3.35E-05	0.273811	1.055620	
0.71837	0.036534	1.245632	0.415897
3.35E-05	0.099484	0.533504	
0.85918	0.036534	1.245632	0.415897
3.35E-05	-0.074842	0.011388	
1.00000	0.036534	1.245632	0.415897
3.35E-05	-0.249168	-0.510728	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.089192	-2.322724	-0.107603
-1.95E-05	-0.115439	-2.914617	
0.57755	-0.089192	-2.322724	-0.107603
-1.95E-05	-0.070336	-1.941030	
0.71837	-0.089192	-2.322724	-0.107603
-1.95E-05	-0.025233	-0.967442	
0.85918	-0.089192	-2.322724	-0.107603
-1.95E-05	0.019869	0.006145	
1.00000	-0.089192	-2.322724	-0.107603
-1.95E-05	0.064972	0.979733	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.088478	1.298084	-0.282420
-1.09E-05	-0.304953	1.648451	
0.57755	0.088478	1.298084	-0.282420
-1.09E-05	-0.186575	1.104349	
0.71837	0.088478	1.298084	-0.282420
-1.09E-05	-0.068196	0.560247	
0.85918	0.088478	1.298084	-0.282420
-1.09E-05	0.050182	0.016146	
1.00000	0.088478	1.298084	-0.282420
-1.09E-05	0.168561	-0.527956	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
629

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.013348	-0.115564	0.076400
-5.90E-07	0.082590	-0.144826	
0.57755	-0.013348	-0.115564	0.076400
-5.90E-07	0.050567	-0.096386	
0.71837	-0.013348	-0.115564	0.076400
-5.90E-07	0.018543	-0.047947	
0.85918	-0.013348	-0.115564	0.076400
-5.90E-07	-0.013480	0.000493	
1.00000	-0.013348	-0.115564	0.076400
-5.90E-07	-0.045504	0.048933	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.000109	0.021536	-0.013338
1.13E-07	0.001476	0.026355	
0.57755	0.000109	0.021536	-0.013338
1.13E-07	-0.000885	0.017228	
0.71837	0.000109	0.021536	-0.013338
1.13E-07	-0.003294	0.008201	
0.85918	0.000109	0.021536	-0.013338
1.13E-07	0.002297	-0.000826	
1.00000	0.000109	0.021536	-0.013338
1.13E-07	0.007888	-0.009853	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.125121	-2.565252	-0.120138
-2.27E-05	-0.128708	-3.252442	
0.57755	-0.125121	-2.565252	-0.120138
-2.27E-05	-0.078351	-2.177198	
0.71837	-0.125121	-2.565252	-0.120138
-2.27E-05	-0.027994	-1.101953	
0.85918	-0.125121	-2.565252	-0.120138
-2.27E-05	0.022362	-0.026708	
1.00000	-0.125121	-2.565252	-0.120138
-2.27E-05	0.072719	1.048537	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.125121	2.565252	0.120138
2.27E-05	0.128708	3.252442	
0.57755	0.125121	2.565252	0.120138
2.27E-05	0.078351	2.177198	
0.71837	0.125121	2.565252	0.120138
2.27E-05	0.027994	1.101953	
0.85918	0.125121	2.565252	0.120138
2.27E-05	-0.022362	0.026708	
1.00000	0.125121	2.565252	0.120138
2.27E-05	-0.072719	-1.048537	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.125121	2.565252	0.415897
3.35E-05	0.448137	3.252442	
0.57755	0.125121	2.565252	0.415897
3.35E-05	0.273811	2.177198	
0.71837	0.125121	2.565252	0.415897
3.35E-05	0.099484	1.101953	
0.85918	0.125121	2.565252	0.415897
3.35E-05	0.050182	0.026708	
1.00000	0.125121	2.565252	0.415897
3.35E-05	0.168561	1.048537	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.125121	-2.565252	-0.282420
-2.27E-05	-0.304953	-3.252442	
0.57755	-0.125121	-2.565252	-0.282420
-2.27E-05	-0.186575	-2.177198	
0.71837	-0.125121	-2.565252	-0.282420
-2.27E-05	-0.068196	-1.101953	
0.85918	-0.125121	-2.565252	-0.282420
-2.27E-05	-0.074842	-0.033347	
1.00000	-0.125121	-2.565252	-0.282420
-2.27E-05	-0.249168	1.048537	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
630

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 321 ========== LENGTH = 2.977599

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034152	-0.146173	-0.086958
8.41E-06	-0.051584	0.018351	
0.14085	-0.034152	-0.146173	-0.086958
8.41E-06	-0.015114	0.079656	
0.28170	-0.034152	-0.146173	-0.086958
8.41E-06	0.021356	0.140961	
0.42255	-0.034152	-0.146173	-0.086958
8.41E-06	0.057827	0.202266	
0.56341	-0.034152	-0.146173	-0.086958
8.41E-06	0.094297	0.263570	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.087497	1.319638	0.408525
-1.73E-05	0.242325	-0.506889	
0.14085	0.087497	1.319638	0.408525
-1.73E-05	0.071690	-1.054145	
0.28170	0.087497	1.319638	0.408525
-1.73E-05	-0.099645	-1.607601	
0.42255	0.087497	1.319638	0.408525
-1.73E-05	-0.270980	-2.161057	
0.56341	0.087497	1.319638	0.408525
-1.73E-05	-0.442315	-2.714513	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065966	-2.423724	-0.104327
-7.66E-06	-0.062519	0.962165	
0.14085	-0.065966	-2.423724	-0.104327
-7.66E-06	-0.018764	1.978674	
0.28170	-0.065966	-2.423724	-0.104327
-7.66E-06	0.024990	2.995183	
0.42255	-0.065967	-2.423724	-0.104327
-7.66E-06	0.068745	4.011692	
0.56341	-0.065966	-2.423724	-0.104327
-7.66E-06	0.112499	5.028201	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008237	1.356166	-0.279789
2.49E-05	-0.166069	-0.516324	
0.14085	0.008237	1.356166	-0.279789
2.49E-05	-0.048725	-1.085100	
0.28170	0.008237	1.356166	-0.279789
2.49E-05	0.068619	-1.653876	
0.42255	0.008237	1.356166	-0.279789
2.49E-05	0.185962	-2.222652	
0.56341	0.008237	1.356166	-0.279789
2.49E-05	0.303306	-2.791427	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008061	-0.130022	0.076333
-1.02E-05	0.045401	0.045784	
0.14085	0.008061	-0.130022	0.076333
-1.02E-05	0.011387	0.100315	
0.28170	0.008061	-0.130022	0.076333
-1.02E-05	-0.018627	0.154846	
0.42255	0.008061	-0.130022	0.076333
-1.02E-05	-0.050641	0.209377	
0.56341	0.008061	-0.130022	0.076333
-1.02E-05	-0.082655	0.263908	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003677	0.024114	-0.013783
1.81E-06	-0.008255	-0.009287	
0.14085	-0.003677	0.024114	-0.013783
1.81E-06	-0.002474	-0.019400	
0.28170	-0.003677	0.024114	-0.013783
1.81E-06	0.003307	-0.029513	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
631

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-0.003677	0.024114	-0.013783
1.81E-06	0.009088	-0.039626	
0.56341	-0.003677	0.024114	-0.013783
1.81E-06	0.014868	-0.049740	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092057	-2.699918	-0.114952
-9.44E-06	-0.068702	1.026300	
0.14085	-0.092057	-2.699918	-0.114952
-9.44E-06	-0.020491	2.158645	
0.28170	-0.092057	-2.699918	-0.114952
-9.44E-06	0.027720	3.290990	
0.42255	-0.092057	-2.699918	-0.114952
-9.44E-06	0.075931	4.423335	
0.56341	-0.092057	-2.699918	-0.114952
-9.44E-06	0.124141	5.555680	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092057	2.699918	0.114952
9.44E-06	0.068702	-1.026300	
0.14085	0.092057	2.699918	0.114952
9.44E-06	0.020491	-2.158645	
0.28170	0.092057	2.699918	0.114952
9.44E-06	-0.027720	-3.290990	
0.42255	0.092057	2.699918	0.114952
9.44E-06	-0.075931	-4.423335	
0.56341	0.092057	2.699918	0.114952
9.44E-06	-0.124141	-5.555680	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092057	2.699918	0.408525
2.49E-05	0.242325	1.026300	
0.14085	0.092057	2.699918	0.408525
2.49E-05	0.071690	2.158645	
0.28170	0.092057	2.699918	0.408525
2.49E-05	0.068619	3.290990	
0.42255	0.092057	2.699918	0.408525
2.49E-05	0.185962	4.423335	
0.56341	0.092057	2.699918	0.408525
2.49E-05	0.303306	5.555680	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092057	-2.699918	-0.279789
-1.73E-05	-0.166069	-1.026300	
0.14085	-0.092057	-2.699918	-0.279789
-1.73E-05	-0.048725	-2.158645	
0.28170	-0.092057	-2.699918	-0.279789
-1.73E-05	-0.099645	-3.290990	
0.42255	-0.092057	-2.699918	-0.279789
-1.73E-05	-0.270980	-4.423335	
0.56341	-0.092057	-2.699918	-0.279789
-1.73E-05	-0.442315	-5.555680	

ELEM 322 ========== LENGTH = 2.977323

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.033029	-0.153982	-0.082779
-1.45E-06	-0.086674	-0.237354	
0.57748	-0.033029	-0.153982	-0.082779
-1.45E-06	-0.051962	-0.173385	
0.71832	-0.033029	-0.153982	-0.082779
-1.45E-06	-0.017250	-0.108815	
0.85916	-0.033029	-0.153982	-0.082779
-1.45E-06	0.017461	-0.044246	
1.00000	-0.033029	-0.153982	-0.082779
-1.45E-06	0.052173	0.020324	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
632

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.111734	1.616973	0.372932
2.14E-05	0.390467	2.181377	
0.57748	0.111734	1.616973	0.372932
2.14E-05	0.234085	1.503330	
0.71832	0.111734	1.616973	0.372932
2.14E-05	0.077704	0.825283	
0.85916	0.111734	1.616973	0.372932
2.14E-05	-0.078678	0.147236	
1.00000	0.111734	1.616973	0.372932
2.14E-05	-0.235060	-0.530810	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.198948	-2.981620	0.004484
-3.97E-08	0.004723	-4.009145	
0.57748	-0.198948	-2.981620	0.004484
-3.97E-08	0.002843	-2.758860	
0.71832	-0.198948	-2.981620	0.004484
-3.97E-08	0.000963	-1.508575	
0.85916	-0.198948	-2.981620	0.004484
-3.97E-08	-0.000917	-0.258289	
1.00000	-0.198948	-2.981620	0.004484
-3.97E-08	-0.002798	0.991996	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.137409	1.667783	-0.377859
-1.98E-05	-0.395725	2.285732	
0.57748	0.137409	1.667783	-0.377859
-1.98E-05	-0.237277	1.586380	
0.71832	0.137409	1.667783	-0.377859
-1.98E-05	-0.078829	0.887027	
0.85916	0.137409	1.667783	-0.377859
-1.98E-05	0.079619	0.187674	
1.00000	0.137409	1.667783	-0.377859
-1.98E-05	0.238067	-0.511679	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.017534	-0.182213	0.100802
-1.21E-07	0.105703	-0.267195	
0.57748	-0.017534	-0.182213	0.100802
-1.21E-07	0.063434	-0.190788	
0.71832	-0.017534	-0.182213	0.100802
-1.21E-07	0.021165	-0.114380	
0.85916	-0.017534	-0.182213	0.100802
-1.21E-07	-0.021105	-0.037973	
1.00000	-0.017534	-0.182213	0.100802
-1.21E-07	-0.063374	0.038435	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.000367	0.033059	-0.017579
2.09E-08	-0.018495	0.047186	
0.57748	0.000367	0.033059	-0.017579
2.09E-08	-0.011123	0.033323	
0.71832	0.000367	0.033059	-0.017579
2.09E-08	-0.003752	0.019460	
0.85916	0.000367	0.033059	-0.017579
2.09E-08	0.003620	0.005597	
1.00000	0.000367	0.033059	-0.017579
2.09E-08	0.010991	-0.008266	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.249510	-3.317816	0.022507
-1.61E-06	0.023752	-4.514295	
0.57748	-0.249510	-3.317816	0.022507
-1.61E-06	0.014315	-3.123032	
0.71832	-0.249510	-3.317816	0.022507
-1.61E-06	0.004877	-1.731770	
0.85916	-0.249510	-3.317816	0.022507
-1.61E-06	-0.004561	-0.340508	
1.00000	-0.249510	-3.317816	0.022507
-1.61E-06	-0.013999	1.050755	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
633

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.249510	3.317816	-0.022507
1.61E-06	-0.023752	4.514295	
0.57748	0.249510	3.317816	-0.022507
1.61E-06	0.014315	3.123032	
0.71832	0.249510	3.317816	-0.022507
1.61E-06	0.004877	1.731770	
0.85916	0.249510	3.317816	-0.022507
1.61E-06	0.004561	0.340508	
1.00000	0.249510	3.317816	-0.022507
1.61E-06	0.013999	-1.050755	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.249510	3.317816	0.372932
2.14E-05	0.390467	4.514295	
0.57748	0.249510	3.317816	0.372932
2.14E-05	0.234085	3.123032	
0.71832	0.249510	3.317816	0.372932
2.14E-05	0.077704	1.731770	
0.85916	0.249510	3.317816	0.372932
2.14E-05	0.079619	0.340508	
1.00000	0.249510	3.317816	0.372932
2.14E-05	0.238067	1.050755	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.249510	-3.317816	-0.377859
-1.98E-05	-0.395725	-4.514295	
0.57748	-0.249510	-3.317816	-0.377859
-1.98E-05	-0.237277	-3.123032	
0.71832	-0.249510	-3.317816	-0.377859
-1.98E-05	-0.078829	-1.731770	
0.85916	-0.249510	-3.317816	-0.377859
-1.98E-05	-0.078678	-0.340508	
1.00000	-0.249510	-3.317816	-0.377859
-1.98E-05	-0.235060	-1.050755	

ELEM 323 ========== LENGTH = 2.977349

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.027477	-0.162912	-0.081643
7.56E-06	-0.051143	0.018908	
0.14084	-0.027477	-0.162912	-0.081643
7.56E-06	-0.016907	0.087224	
0.28169	-0.027477	-0.162912	-0.081643
7.56E-06	0.017329	0.155539	
0.42253	-0.027477	-0.162912	-0.081643
7.56E-06	0.051565	0.223854	
0.56337	-0.027477	-0.162912	-0.081643
7.56E-06	0.085801	0.292169	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088058	1.567428	0.368356
-1.88E-05	0.230867	-0.522870	
0.14084	0.088058	1.567428	0.368356
-1.88E-05	0.076421	-1.180151	
0.28169	0.088058	1.567428	0.368356
-1.88E-05	-0.078044	-1.837431	
0.42253	0.088058	1.567428	0.368356
-1.88E-05	-0.232509	-2.494712	
0.56337	0.088058	1.567428	0.368356
-1.88E-05	-0.386974	-3.151993	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.161969	-2.864212	0.004701
-4.37E-07	0.002968	0.978855	
0.14084	-0.161969	-2.864212	0.004701
-4.37E-07	0.000996	2.179926	
0.28169	-0.161969	-2.864212	0.004701
-4.37E-07	-0.000975	3.380997	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
634

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.161969	-2.864212	0.004701
-4.37E-07	-0.502946	4.582068	
0.56337	-0.161969	-2.864212	0.004701
-4.37E-07	-0.004918	5.783139	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112031	1.621505	-0.374047
2.10E-05	-0.234524	-0.503169	
0.14084	0.112031	1.621505	-0.374047
2.10E-05	-0.077672	-1.183126	
0.28169	0.112031	1.621505	-0.374047
2.10E-05	0.079180	-1.863084	
0.42253	0.112031	1.621505	-0.374047
2.10E-05	0.236032	-2.543041	
0.56337	0.112031	1.621505	-0.374047
2.10E-05	0.392884	-3.222998	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009620	-0.197689	0.100789
-1.13E-05	0.063271	0.036125	
0.14084	-0.009620	-0.197689	0.100789
-1.13E-05	0.021006	0.119024	
0.28169	-0.009620	-0.197689	0.100789
-1.13E-05	-0.021258	0.201922	
0.42253	-0.009620	-0.197689	0.100789
-1.13E-05	-0.063523	0.284821	
0.56337	-0.009620	-0.197689	0.100789
-1.13E-05	-0.105787	0.367720	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001023	0.035881	-0.018154
2.00E-06	-0.011458	-0.007850	
0.14084	-0.001023	0.035881	-0.018154
2.00E-06	-0.003845	-0.022897	
0.28169	-0.001023	0.035881	-0.018154
2.00E-06	0.003768	-0.037943	
0.42253	-0.001023	0.035881	-0.018154
2.00E-06	0.011381	-0.052990	
0.56337	-0.001023	0.035881	-0.018154
2.00E-06	0.018994	-0.068036	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199066	-3.224814	0.023846
-4.18E-06	0.015095	1.033889	
0.14084	-0.199066	-3.224814	0.023846
-4.18E-06	0.005095	2.386173	
0.28169	-0.199066	-3.224814	0.023846
-4.18E-06	-0.004904	3.738458	
0.42253	-0.199066	-3.224814	0.023846
-4.18E-06	-0.014904	5.090743	
0.56337	-0.199066	-3.224814	0.023846
-4.18E-06	-0.024903	6.443028	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199066	3.224814	-0.023846
4.18E-06	-0.015095	-1.033889	
0.14084	0.199066	3.224814	-0.023846
4.18E-06	-0.005095	-2.386173	
0.28169	0.199066	3.224814	-0.023846
4.18E-06	0.004904	-3.738458	
0.42253	0.199066	3.224814	-0.023846
4.18E-06	0.014904	-5.090743	
0.56337	0.199066	3.224814	-0.023846
4.18E-06	0.024903	-6.443028	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.199066	3.224814	0.368356
2.10E-05	0.230887	1.033889	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
635

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.199066	3.224814	0.368356
2.10E-05	0.076421	2.386173	
0.28169	0.199066	3.224814	0.368356
2.10E-05	0.079180	3.738458	
0.42253	0.199066	3.224814	0.368356
2.10E-05	0.236032	5.090743	
0.56337	0.199066	3.224814	0.368356
2.10E-05	0.392884	6.443028	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.199066	-3.224814	-0.374047
-1.88E-05	-0.234524	-1.033889	
0.14084	-0.199066	-3.224814	-0.374047
-1.88E-05	-0.077672	-2.386173	
0.28169	-0.199066	-3.224814	-0.374047
-1.88E-05	-0.078044	-3.738458	
0.42253	-0.199066	-3.224814	-0.374047
-1.88E-05	-0.232509	-5.090743	
0.56337	-0.199066	-3.224814	-0.374047
-1.88E-05	-0.386974	-6.443028	

ELEM 324 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.030250	-0.103988	-0.065517
-9.74E-07	-0.070745	-0.146596	
0.57748	-0.030250	-0.103988	-0.065517
-9.74E-07	-0.043276	-5.102997	
0.71833	-0.030250	-0.103988	-0.065517
-9.74E-07	-0.015806	-0.059398	
0.85917	-0.030250	-0.103988	-0.065517
-9.74E-07	0.011663	-0.015798	
1.00000	-0.030250	-0.103988	-0.065517
-9.74E-07	0.039132	0.027801	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.080592	1.272276	0.283203
1.26E-05	0.305782	1.593398	
0.57750	0.080592	1.272276	0.283203
1.26E-05	0.187043	1.060333	
0.71833	0.080592	1.272276	0.283203
1.26E-05	0.068305	0.526905	
0.85917	0.080592	1.272276	0.283203
1.26E-05	-0.050434	-0.006522	
1.00000	0.080592	1.272276	0.283203
1.26E-05	-0.169172	-0.539950	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.090569	-2.321541	0.116123
1.93E-05	0.124683	-2.914352	
0.57750	-0.090569	-2.321541	0.116123
1.93E-05	0.075996	-1.940999	
0.71833	-0.090569	-2.321541	0.116123
1.93E-05	0.027309	-0.967646	
0.85917	-0.090569	-2.321541	0.116123
1.93E-05	-0.021378	0.005708	
1.00000	-0.090569	-2.321541	0.116123
1.93E-05	-0.070065	0.979061	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.043718	1.285762	-0.425562
-3.19E-05	-0.458784	1.665364	
0.57750	0.043718	1.285762	-0.425562
-3.19E-05	-0.280358	1.126282	
0.71833	0.043718	1.285762	-0.425562
-3.19E-05	-0.101933	0.587201	
0.85917	0.043718	1.285762	-0.425562
-3.19E-05	0.076492	0.048119	
1.00000	0.043718	1.285762	-0.425562
-3.19E-05	0.254918	-0.490963	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
636

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.001390	-0.162235	0.111051
1.27E-06	0.120006	-0.241067	
0.57750	-0.001390	-0.162235	0.111051
1.27E-06	0.073446	-0.173047	
0.71833	-0.001390	-0.162235	0.111051
1.27E-06	0.026886	-0.105027	
0.85917	-0.001390	-0.162235	0.111051
1.27E-06	-0.019675	-0.037007	
1.00000	-0.001390	-0.162235	0.111051
1.27E-06	-0.066235	0.031013	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.002100	0.029726	-0.019298
-2.33E-07	-0.020042	0.042891	
0.57750	-0.002100	0.029726	-0.019298
-2.33E-07	-0.012851	0.030427	
0.71833	-0.002100	0.029726	-0.019298
-2.33E-07	-0.004760	0.017964	
0.85917	-0.002100	0.029726	-0.019298
-2.33E-07	0.003332	0.005501	
1.00000	-0.002100	0.029726	-0.019298
-2.33E-07	0.011423	-0.006962	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.122210	-2.587764	0.161657
1.96E-05	0.173944	-3.302015	
0.57750	-0.122210	-2.587764	0.161657
1.96E-05	0.106166	-2.217043	
0.71833	-0.122210	-2.587764	0.161657
1.96E-05	0.038388	-1.132070	
0.85917	-0.122210	-2.587764	0.161657
1.96E-05	-0.029390	-0.047097	
1.00000	-0.122210	-2.587764	0.161657
1.96E-05	-0.097168	1.037875	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.122210	2.587764	-0.161657
-1.96E-05	-0.173944	3.302015	
0.57750	0.122210	2.587764	-0.161657
-1.96E-05	-0.106166	2.217043	
0.71833	0.122210	2.587764	-0.161657
-1.96E-05	-0.038388	1.132070	
0.85917	0.122210	2.587764	-0.161657
-1.96E-05	0.029390	0.047097	
1.00000	0.122210	2.587764	-0.161657
-1.96E-05	0.097168	-1.037875	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.122210	2.587764	0.283203
1.96E-05	0.305782	3.302015	
0.57750	0.122210	2.587764	0.283203
1.96E-05	0.187043	2.217043	
0.71833	0.122210	2.587764	0.283203
1.96E-05	0.068305	1.132070	
0.85917	0.122210	2.587764	0.283203
1.96E-05	0.076492	0.048119	
1.00000	0.122210	2.587764	0.283203
1.96E-05	0.254918	1.037875	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.122210	-2.587764	-0.425562
-3.19E-05	-0.458784	-3.302015	
0.57750	-0.122210	-2.587764	-0.425562
-3.19E-05	-0.280358	-2.217043	
0.71833	-0.122210	-2.587764	-0.425562
-3.19E-05	-0.101933	-1.132070	
0.85917	-0.122210	-2.587764	-0.425562
-3.19E-05	-0.050434	-0.047097	
1.00000	-0.122210	-2.587764	-0.425562
-3.19E-05	-0.169172	-1.037875	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
637

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 325 ========== LENGTH = 2.978057

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013151	-0.113138	-0.064850
7.19E-06	-0.038529	0.025855	
0.14087	-0.013151	-0.113138	-0.064850
7.19E-06	-0.011323	0.073318	
0.28174	-0.013151	-0.113138	-0.064850
7.19E-06	0.015883	0.120781	
0.42261	-0.013151	-0.113138	-0.064850
7.19E-06	0.043089	0.168244	
0.56347	-0.013151	-0.113138	-0.064850
7.19E-06	0.070294	0.215707	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002737	1.326142	0.279905
-2.29E-05	0.166137	-0.520391	
0.14087	0.002737	1.326142	0.279905
-2.29E-05	0.048713	-1.085367	
0.28174	0.002737	1.326142	0.279905
-2.29E-05	-0.068711	-1.641702	
0.42261	0.002737	1.326142	0.279905
-2.29E-05	-0.186136	-2.198037	
0.56347	0.002737	1.326142	0.279905
-2.29E-05	-0.303560	-2.754372	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068823	-2.422552	0.112995
6.28E-06	0.067732	0.961427	
0.14087	-0.068823	-2.422552	0.112995
6.28E-06	0.020329	1.977723	
0.28174	-0.068823	-2.422552	0.112995
6.28E-06	-0.027074	2.994018	
0.42261	-0.068823	-2.422552	0.112995
6.28E-06	-0.074477	4.010313	
0.56347	-0.068823	-2.422552	0.112995
6.28E-06	-0.121880	5.026609	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094047	1.367276	-0.418763
2.02E-05	-0.249270	-0.480266	
0.14087	0.094047	1.367276	-0.418763
2.02E-05	-0.073593	-1.053858	
0.28174	0.094047	1.367276	-0.418763
2.02E-05	0.102084	-1.627450	
0.42261	0.094047	1.367276	-0.418763
2.02E-05	0.277761	-2.201042	
0.56347	0.094047	1.367276	-0.418763
2.02E-05	0.453438	-2.774634	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015163	-0.192952	0.110677
-1.31E-05	0.065906	0.028531	
0.14087	-0.015163	-0.192952	0.110677
-1.31E-05	0.019475	0.109477	
0.28174	-0.015163	-0.192952	0.110677
-1.31E-05	-0.026955	0.190423	
0.42261	-0.015163	-0.192952	0.110677
-1.31E-05	-0.073386	0.271369	
0.56347	-0.015163	-0.192952	0.110677
-1.31E-05	-0.119817	0.352316	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000352	0.035225	-0.019964
2.32E-06	-0.011977	-0.006516	
0.14087	0.000352	0.035225	-0.019964
2.32E-06	-0.003602	0.021293	
0.28174	0.000352	0.035225	-0.019964
2.32E-06	0.004774	-0.036070	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
638

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42261	0.000352	0.035225	-0.019964
2.32E-06	0.013149	-0.050847	
0.56347	0.000352	0.035225	-0.019964
2.32E-06	0.021524	-0.065625	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097137	-2.728642	0.158822
3.35E-07	0.095109	-1.015813	
0.14087	-0.097137	-2.728642	0.158822
3.35E-07	0.028481	-2.160518	
0.28174	-0.097137	-2.728642	0.158822
3.35E-07	-0.038147	-3.305222	
0.42261	-0.097137	-2.728642	0.158822
3.35E-07	-0.104774	-4.449927	
0.56347	-0.097137	-2.728642	0.158822
3.35E-07	-0.171402	-5.594631	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097137	2.728642	-0.158822
-3.35E-07	-0.095109	-1.015813	
0.14087	0.097137	2.728642	-0.158822
-3.35E-07	-0.028481	-2.160518	
0.28174	0.097137	2.728642	-0.158822
-3.35E-07	0.038147	-3.305222	
0.42261	0.097137	2.728642	-0.158822
-3.35E-07	0.104774	-4.449927	
0.56347	0.097137	2.728642	-0.158822
-3.35E-07	0.171402	-5.594631	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097137	2.728642	0.279905
2.02E-05	0.166137	1.015813	
0.14087	0.097137	2.728642	0.279905
2.02E-05	0.048713	2.160518	
0.28174	0.097137	2.728642	0.279905
2.02E-05	0.102084	3.305222	
0.42261	0.097137	2.728642	0.279905
2.02E-05	0.277761	4.449927	
0.56347	0.097137	2.728642	0.279905
2.02E-05	0.453438	5.594631	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.097137	-2.728642	-0.418763
-2.29E-05	-0.249270	-1.015813	
0.14087	-0.097137	-2.728642	-0.418763
-2.29E-05	-0.073593	-2.160518	
0.28174	-0.097137	-2.728642	-0.418763
-2.29E-05	-0.068711	-3.305222	
0.42261	-0.097137	-2.728642	-0.418763
-2.29E-05	-0.186136	-4.449927	
0.56347	-0.097137	-2.728642	-0.418763
-2.29E-05	-0.303560	-5.594631	

ELEM 326 ========== LENGTH = 2.977780

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.012636	-0.068836	-0.045227
-5.08E-07	-0.050423	-0.087741	
0.57743	-0.012636	-0.068836	-0.045227
-5.08E-07	-0.031453	-0.058868	
0.71828	-0.012636	-0.068836	-0.045227
-5.08E-07	-0.012482	-0.029995	
0.85914	-0.012636	-0.068836	-0.045227
-5.08E-07	0.006488	-0.001122	
1.00000	-0.012636	-0.068824	-0.045227
-5.08E-07	0.025459	0.027750	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
639

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.038315	0.868006	0.177788
3.18E-06	0.197969	0.945086	
0.57743	-0.038315	0.868006	0.177788
3.18E-06	0.123397	0.581005	
0.71828	-0.038315	0.868006	0.177788
3.18E-06	0.048825	0.216924	
0.85914	-0.038315	0.868006	0.177788
3.18E-06	-0.025748	-0.147157	
1.00000	-0.038315	0.868006	0.177788
3.18E-06	-0.100320	-0.511237	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.061152	-1.586235	0.247685
4.01E-05	0.276768	-1.749636	
0.57743	0.061152	-1.586235	0.247685
4.01E-05	0.172578	-1.084398	
0.71828	0.061152	-1.586235	0.247685
4.01E-05	0.068388	-0.419160	
0.85914	0.061152	-1.586235	0.247685
4.01E-05	-0.034902	0.246378	
1.00000	0.061152	-1.586235	0.247685
4.01E-05	-0.138792	0.911716	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.006664	0.866948	-0.477755
-4.44E-05	-0.533383	1.016319	
0.57743	-0.006664	0.866948	-0.477755
-4.44E-05	-0.332991	0.652682	
0.71828	-0.006664	0.866948	-0.477755
-4.44E-05	-0.132600	0.289045	
0.85914	-0.006664	0.866948	-0.477755
-4.44E-05	0.067792	-0.074592	
1.00000	-0.006664	0.866948	-0.477755
-4.44E-05	0.268184	-0.438229	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.002831	-0.097829	0.117878
1.99E-06	0.132019	-0.149815	
0.57743	-0.002831	-0.097829	0.117878
1.99E-06	0.082576	-0.108782	
0.71828	-0.002831	-0.097829	0.117878
1.99E-06	0.033132	-0.067748	
0.85914	-0.002831	-0.097829	0.117878
1.99E-06	-0.016311	-0.026714	
1.00000	-0.002831	-0.097829	0.117878
1.99E-06	-0.065755	0.014320	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.000706	0.017945	-0.020369
-3.57E-07	-0.022951	0.025787	
0.57743	-0.000706	0.017945	-0.020369
-3.57E-07	-0.014407	0.018261	
0.71828	-0.000706	0.017945	-0.020369
-3.57E-07	-0.005863	0.010734	
0.85914	-0.000706	0.017945	-0.020369
-3.57E-07	0.002680	0.003207	
1.00000	-0.000706	0.017945	-0.020369
-3.57E-07	0.011224	-0.004320	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.045684	-1.752899	0.320336
4.16E-05	0.358365	-1.987192	
0.57743	0.045684	-1.752899	0.320336
4.16E-05	0.224002	-1.251948	
0.71828	0.045684	-1.752899	0.320336
4.16E-05	0.089638	-0.516703	
0.85914	0.045684	-1.752899	0.320336
4.16E-05	-0.044725	0.218542	
1.00000	0.045684	-1.752899	0.320336
4.16E-05	-0.179088	0.953786	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
640

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.045684	1.752899	-0.320336
-4.16E-05	-0.358365	1.987192	
0.57743	-0.045684	1.752899	-0.320336
-4.16E-05	-0.224002	1.251948	
0.71828	-0.045684	1.752899	-0.320336
-4.16E-05	-0.089638	0.516703	
0.85914	-0.045684	1.752899	-0.320336
-4.16E-05	0.044725	-0.218542	
1.00000	-0.045684	1.752899	-0.320336
-4.16E-05	0.179088	-0.953786	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43657	0.061152	1.752899	0.320336
4.16E-05	0.358365	1.987192	
0.57743	0.061152	1.752899	0.320336
4.16E-05	0.224002	1.251948	
0.71828	0.061152	1.752899	0.320336
4.16E-05	0.089638	0.516703	
0.85914	0.061152	1.752899	0.320336
4.16E-05	0.067792	0.246378	
1.00000	0.061152	1.752899	0.320336
4.16E-05	0.268184	0.953786	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43657	-0.045684	-1.752899	-0.477755
-4.44E-05	-0.533383	-1.987192	
0.57743	-0.045684	-1.752899	-0.477755
-4.44E-05	-0.332991	-1.251948	
0.71828	-0.045684	-1.752899	-0.477755
-4.44E-05	-0.132600	-0.516703	
0.85914	-0.045684	-1.752899	-0.477755
-4.44E-05	-0.044725	-0.218542	
1.00000	-0.045684	-1.752899	-0.477755
-4.44E-05	-0.179088	-0.953786	

ELEM 327 ========== LENGTH = 2.976782

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008336	-0.081637	-0.044832
5.85E-06	-0.025047	0.025717	
0.14082	-0.008336	-0.081637	-0.044832
5.85E-06	-0.006254	0.059939	
0.28164	-0.008336	-0.081637	-0.044832
5.85E-06	0.012540	0.094161	
0.42247	-0.008336	-0.081637	-0.044832
5.85E-06	0.031333	0.128383	
0.56329	-0.008336	-0.081637	-0.044832
5.85E-06	0.050126	0.162605	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059993	0.938559	0.175059
-2.03E-05	0.097673	-0.499874	
0.14082	-0.059993	0.938559	0.175059
-2.03E-05	0.024290	-0.893314	
0.28164	-0.059993	0.938559	0.175059
-2.03E-05	-0.049094	-1.286754	
0.42247	-0.059993	0.938559	0.175059
-2.03E-05	-0.122478	-1.680193	
0.56329	-0.059993	0.938559	0.175059
-2.03E-05	-0.195862	-2.073633	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098754	-1.699375	0.246346
2.76E-06	0.137406	0.894282	
0.14082	0.098754	-1.699375	0.246346
2.76E-06	0.034139	1.606652	
0.28164	0.098754	-1.699375	0.246346
2.76E-06	-0.069129	2.319023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
641

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42247	0.098754	-1.699375	0.246346
2.76E-06	0.172396	3.031393	
0.56329	0.098754	-1.699375	0.246346
2.76E-06	-0.275663	3.743763	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030083	0.935492	-0.473457
2.36E-05	-0.263888	-0.429143	
0.14082	-0.030083	0.935492	-0.473457
2.36E-05	-0.065417	-0.821297	
0.28164	-0.030083	0.935492	-0.473457
2.36E-05	0.133054	-1.213451	
0.42247	-0.030083	0.935492	-0.473457
2.36E-05	0.331525	-1.605605	
0.56329	-0.030083	0.935492	-0.473457
2.36E-05	0.529996	-1.997759	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001034	-0.113876	0.118325
-1.45E-05	0.065945	0.013123	
0.14082	0.001034	-0.113876	0.118325
-1.45E-05	0.016343	0.060859	
0.28164	0.001034	-0.113876	0.118325
-1.45E-05	-0.033258	0.108596	
0.42247	0.001034	-0.113876	0.118325
-1.45E-05	-0.082859	0.156332	
0.56329	0.001034	-0.113876	0.118325
-1.45E-05	-0.132460	0.204068	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001376	0.020837	-0.021441
2.54E-06	-0.012088	-0.004105	
0.14082	-0.001376	0.020837	-0.021441
2.54E-06	-0.003101	-0.012840	
0.28164	-0.001376	0.020837	-0.021441
2.54E-06	0.005887	-0.021575	
0.42247	-0.001376	0.020837	-0.021441
2.54E-06	0.014875	-0.030310	
0.56329	-0.001376	0.020837	-0.021441
2.54E-06	0.023863	-0.039045	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091451	-1.894888	0.319839
-5.86E-06	0.178303	0.933123	
0.14082	0.091451	-1.894888	0.319839
-5.86E-06	0.044228	1.727451	
0.28164	0.091451	-1.894888	0.319839
-5.86E-06	-0.089847	2.521780	
0.42247	0.091451	-1.894888	0.319839
-5.86E-06	-0.223922	3.316108	
0.56329	0.091451	-1.894888	0.319839
-5.86E-06	-0.357997	4.110437	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091451	1.894888	-0.319839
5.86E-06	-0.178303	-0.933123	
0.14082	-0.091451	1.894888	-0.319839
5.86E-06	-0.044228	-1.727451	
0.28164	-0.091451	1.894888	-0.319839
5.86E-06	0.089847	-2.521780	
0.42247	-0.091451	1.894888	-0.319839
5.86E-06	0.223922	-3.316108	
0.56329	-0.091451	1.894888	-0.319839
5.86E-06	0.357997	-4.110437	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098754	1.894888	0.319839
2.36E-05	0.178303	0.933123	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
642

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	0.098754	1.894888	0.319839
2.36E-05	0.044228	1.727451	
0.28164	0.098754	1.894888	0.319839
2.36E-05	0.133054	2.521780	
0.42247	0.098754	1.894888	0.319839
2.36E-05	0.331525	3.316108	
0.56329	0.098754	1.894888	0.319839
2.36E-05	0.529996	4.110437	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091451	-1.894888	-0.473457
-2.03E-05	-0.263888	-0.933123	
0.14082	-0.091451	-1.894888	-0.473457
-2.03E-05	-0.065417	-1.727451	
0.28164	-0.091451	-1.894888	-0.473457
-2.03E-05	-0.089847	-2.521780	
0.42247	-0.091451	-1.894888	-0.473457
-2.03E-05	-0.223922	-3.316108	
0.56329	-0.091451	-1.894888	-0.473457
-2.03E-05	-0.357997	-4.110437	

ELEM 328 ========== LENGTH = 2.976557

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.013749	-0.053464	-0.030761
1.79E-08	-0.034094	-0.060142	
0.57756	-0.013749	-0.053464	-0.030761
1.79E-08	-0.021201	-0.037733	
0.71837	-0.013749	-0.053464	-0.030761
1.79E-08	-0.008307	-0.015324	
0.85919	-0.013749	-0.053464	-0.030761
1.79E-08	0.004586	0.007085	
1.00000	-0.013749	-0.053464	-0.030761
1.79E-08	0.017479	0.029493	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.046059	0.584664	0.099199
-2.81E-06	0.019672	0.512797	
0.57756	-0.046059	0.584664	0.099199
-2.81E-06	0.068094	0.267741	
0.71837	-0.046059	0.584664	0.099199
-2.81E-06	0.026516	0.022686	
0.85919	-0.046059	0.584664	0.099199
-2.81E-06	-0.015062	-0.222370	
1.00000	-0.046059	0.584664	0.099199
-2.81E-06	-0.056640	-0.467425	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.092255	-1.025399	0.370203
5.28E-05	0.412664	-0.929285	
0.57756	0.092255	-1.025399	0.370203
5.28E-05	0.257497	-0.499499	
0.71837	0.092255	-1.025399	0.370203
5.28E-05	0.102331	-0.069714	
0.85919	0.092255	-1.025399	0.370203
5.28E-05	-0.052836	0.360071	
1.00000	0.092255	-1.025399	0.370203
5.28E-05	-0.208003	0.789856	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.034183	0.522837	-0.538894
-5.35E-05	-0.600100	0.549085	
0.57756	-0.034183	0.522837	-0.538894
-5.35E-05	-0.374229	0.329944	
0.71837	-0.034183	0.522837	-0.538894
-5.35E-05	-0.148357	0.110802	
0.85919	-0.034183	0.522837	-0.538894
-5.35E-05	0.077514	-0.108339	
1.00000	-0.034183	0.522837	-0.538894
-5.35E-05	0.303386	-0.327481	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
643

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.002419	-0.034981	0.121017
4.22E-06	0.135248	-0.085437	
0.57756	0.002419	-0.034981	0.121017
4.22E-06	0.084525	-0.070775	
0.71837	0.002419	-0.034981	0.121017
4.22E-06	0.033802	-0.056113	
0.85919	0.002419	-0.034981	0.121017
4.22E-06	-0.016921	-0.041451	
1.00000	0.002419	-0.034981	0.121017
4.22E-06	-0.067644	-0.026789	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.000683	0.006344	-0.020764
-7.54E-07	-0.023390	0.013982	
0.57756	-0.000683	0.006344	-0.020764
-7.54E-07	-0.014687	0.010323	
0.71837	-0.000683	0.006344	-0.020764
-7.54E-07	-0.005984	0.007664	
0.85919	-0.000683	0.006344	-0.020764
-7.54E-07	0.002719	0.005005	
1.00000	-0.000683	0.006344	-0.020764
-7.54E-07	0.011421	0.002346	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.080925	-1.113844	0.460459
5.70E-05	0.513818	-1.074864	
0.57756	0.080925	-1.113844	0.460459
5.70E-05	0.320822	-0.608008	
0.71837	0.080925	-1.113844	0.460459
5.70E-05	0.127825	-0.141152	
0.85919	0.080925	-1.113844	0.460459
5.70E-05	0.065171	-0.325704	
1.00000	0.080925	-1.113844	0.460459
5.70E-05	0.258167	-0.792560	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.080925	1.113844	-0.460459
-5.70E-05	-0.513818	1.074864	
0.57756	-0.080925	1.113844	-0.460459
-5.70E-05	-0.320822	0.608008	
0.71837	-0.080925	1.113844	-0.460459
-5.70E-05	-0.127825	0.141152	
0.85919	-0.080925	1.113844	-0.460459
-5.70E-05	0.065171	-0.325704	
1.00000	-0.080925	1.113844	-0.460459
-5.70E-05	0.258167	-0.792560	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.092255	1.113844	0.460459
5.70E-05	0.513818	1.074864	
0.57756	0.092255	1.113844	0.460459
5.70E-05	0.320822	0.608008	
0.71837	0.092255	1.113844	0.460459
5.70E-05	0.127825	0.141152	
0.85919	0.092255	1.113844	0.460459
5.70E-05	0.077514	0.360071	
1.00000	0.092255	1.113844	0.460459
5.70E-05	0.303386	0.792560	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.080925	-1.113844	-0.538894
-5.70E-05	-0.600100	-1.074864	
0.57756	-0.080925	-1.113844	-0.538894
-5.70E-05	-0.374229	-0.608008	
0.71837	-0.080925	-1.113844	-0.538894
-5.70E-05	-0.148357	-0.141152	
0.85919	-0.080925	-1.113844	-0.538894
-5.70E-05	-0.065171	-0.325704	
1.00000	-0.080925	-1.113844	-0.538894
-5.70E-05	-0.258167	-0.792560	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
644

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 329 ========== LENGTH = 2.977556

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010500	-0.045099	-0.029921
3.83E-06	-0.016773	0.027531	
0.14085	-0.010500	-0.045099	-0.029921
3.83E-06	-0.004224	0.046445	
0.28170	-0.010500	-0.045099	-0.029921
3.83E-06	0.008324	0.065359	
0.42255	-0.010500	-0.045099	-0.029921
3.83E-06	0.020873	0.084274	
0.56340	-0.010500	-0.045099	-0.029921
3.83E-06	0.033421	0.103188	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060681	0.537740	0.095564
-1.25E-05	0.053599	-0.456483	
0.14085	-0.060681	0.537740	0.095564
-1.25E-05	0.013520	-0.682005	
0.28170	-0.060681	0.537740	0.095564
-1.25E-05	-0.026558	-0.907527	
0.42255	-0.060681	0.537740	0.095564
-1.25E-05	-0.066637	-1.133049	
0.56340	-0.060681	0.537740	0.095564
-1.25E-05	-0.106715	-1.358572	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113437	-0.967745	0.368152
-7.51E-06	0.206120	0.774244	
0.14085	0.113437	-0.967745	0.368152
-7.51E-06	0.051721	1.180106	
0.28170	0.113437	-0.967745	0.368152
-7.51E-06	-0.102678	1.585967	
0.42255	0.113437	-0.967745	0.368152
-7.51E-06	-0.257077	1.991829	
0.56340	0.113437	-0.967745	0.368152
-7.51E-06	-0.411476	2.397690	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044021	0.518033	-0.532995
2.94E-05	-0.298255	-0.321383	
0.14085	-0.044021	0.518033	-0.532995
2.94E-05	-0.074723	-0.538640	
0.28170	-0.044021	0.518033	-0.532995
2.94E-05	0.148809	-0.755898	
0.42255	-0.044021	0.518033	-0.532995
2.94E-05	0.372341	-0.973155	
0.56340	-0.044021	0.518033	-0.532995
2.94E-05	0.595873	-1.190412	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002430	-0.052406	0.121351
-1.60E-05	0.067887	-0.026138	
0.14085	0.002430	-0.052406	0.121351
-1.60E-05	0.116594	-0.004159	
0.28170	0.002430	-0.052406	0.121351
-1.60E-05	-0.033899	0.017819	
0.42255	0.002430	-0.052406	0.121351
-1.60E-05	-0.084792	0.039798	
0.56340	0.002430	-0.052406	0.121351
-1.60E-05	-0.135685	0.061776	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000666	0.009478	-0.022151
2.81E-06	-0.012577	0.002229	
0.14085	-0.000666	0.009478	-0.022151
2.81E-06	-0.003287	-0.001746	
0.28170	-0.000666	0.009478	-0.022151
2.81E-06	0.006003	-0.005721	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
645

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-0.000666	0.009478	-0.022151
2.81E-06	0.015293	-0.009696	
0.56340	-0.000666	0.009478	-0.022151
2.81E-06	0.024583	-0.013670	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105367	-1.065250	0.459582
-1.97E-05	0.257234	0.775638	
0.14085	0.105367	-1.065250	0.459582
-1.97E-05	0.064490	1.222392	
0.28170	0.105367	-1.065250	0.459582
-1.97E-05	-0.128253	1.669146	
0.42255	0.105367	-1.065250	0.459582
-1.97E-05	-0.320997	2.115900	
0.56340	0.105367	-1.065250	0.459582
-1.97E-05	-0.513740	2.562654	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105367	1.065250	-0.459582
1.97E-05	-0.257234	-0.775638	
0.14085	-0.105367	1.065250	-0.459582
1.97E-05	-0.064490	-1.222392	
0.28170	-0.105367	1.065250	-0.459582
1.97E-05	0.128253	-1.669146	
0.42255	-0.105367	1.065250	-0.459582
1.97E-05	0.320997	-2.115900	
0.56340	-0.105367	1.065250	-0.459582
1.97E-05	0.513740	-2.562654	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113437	1.065250	0.459582
2.94E-05	0.257234	0.775638	
0.14085	0.113437	1.065250	0.459582
2.94E-05	0.064490	1.222392	
0.28170	0.113437	1.065250	0.459582
2.94E-05	0.148809	1.669146	
0.42255	0.113437	1.065250	0.459582
2.94E-05	0.372341	2.115900	
0.56340	0.113437	1.065250	0.459582
2.94E-05	0.595873	2.562654	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105367	-1.065250	-0.532995
-1.97E-05	-0.298255	-0.775638	
0.14085	-0.105367	-1.065250	-0.532995
-1.97E-05	-0.074723	-1.222392	
0.28170	-0.105367	-1.065250	-0.532995
-1.97E-05	-0.128253	-1.669146	
0.42255	-0.105367	-1.065250	-0.532995
-1.97E-05	-0.320997	-2.115900	
0.56340	-0.105367	-1.065250	-0.532995
-1.97E-05	-0.513740	-2.562654	

ELEM 330 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.020199	-0.018886	-0.017468
4.73E-08	-0.019217	-0.023267	
0.57747	-0.020199	-0.018886	-0.017468
4.73E-08	-0.011892	-0.015347	
0.71831	-0.020199	-0.018886	-0.017468
4.73E-08	-0.004567	-0.007427	
0.85916	-0.020199	-0.018886	-0.017468
4.73E-08	0.002759	0.000493	
1.00000	-0.020199	-0.018886	-0.017468
4.73E-08	0.010084	0.008413	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
646

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.010983	0.274400	0.027724
-4.24E-06	0.030190	0.161529	
0.57747	-0.010983	0.274400	0.027724
-4.24E-06	0.018564	0.046459	
0.71831	-0.010983	0.274400	0.027724
-4.24E-06	0.006938	-0.068611	
0.85916	-0.010983	0.274400	0.027724
-4.24E-06	-0.004688	-0.183682	
1.00000	-0.010983	0.274400	0.027724
-4.24E-06	-0.016314	-0.298752	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.044001	-0.471786	0.467964
5.56E-05	0.521794	-0.313899	
0.57747	0.044001	-0.471786	0.467964
5.56E-05	0.325552	-0.116504	
0.71831	0.044001	-0.471786	0.467964
5.56E-05	0.129311	0.081790	
0.85916	0.044001	-0.471786	0.467964
5.56E-05	-0.066931	0.279635	
1.00000	0.044001	-0.471786	0.467964
5.56E-05	-0.263172	0.477479	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.018567	0.210630	-0.568341
-5.40E-05	-0.633478	0.229095	
0.57747	-0.018567	0.210630	-0.568341
-5.40E-05	-0.395143	0.140767	
0.71831	-0.018567	0.210630	-0.568341
-5.40E-05	-0.156808	0.052439	
0.85916	-0.018567	0.210630	-0.568341
-5.40E-05	0.081527	-0.035889	
1.00000	-0.018567	0.210630	-0.568341
-5.40E-05	0.319862	-0.124216	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.006421	0.007191	0.108461
3.15E-06	0.121504	-0.060143	
0.57747	0.006421	0.007191	0.108461
3.15E-06	0.076021	-0.063159	
0.71831	0.006421	0.007191	0.108461
3.15E-06	0.030538	-0.066174	
0.85916	0.006421	0.007191	0.108461
3.15E-06	-0.014946	-0.069190	
1.00000	0.006421	0.007191	0.108461
3.15E-06	-0.060429	-0.072205	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.000674	-0.001548	-0.018339
-5.53E-07	-0.020794	0.006684	
0.57747	-0.000674	-0.001548	-0.018339
-5.53E-07	-0.013103	0.007334	
0.71831	-0.000674	-0.001548	-0.018339
-5.53E-07	-0.005413	0.007983	
0.85916	-0.000674	-0.001548	-0.018339
-5.53E-07	0.002278	0.008632	
1.00000	-0.000674	-0.001548	-0.018339
-5.53E-07	0.009969	0.009281	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.030224	-0.483482	0.558957
5.88E-05	0.624081	-0.397309	
0.57747	0.030224	-0.483482	0.558957
5.88E-05	0.389682	-0.194560	
0.71831	0.030224	-0.483482	0.558957
5.88E-05	0.155282	0.008189	
0.85916	0.030224	-0.483482	0.558957
5.88E-05	-0.079118	0.210938	
1.00000	0.030224	-0.483482	0.558957
5.88E-05	-0.313517	0.413688	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
647

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.030224	0.483482	-0.558957
-5.88E-05	-0.624081	0.397309	
0.57747	-0.030224	0.483482	-0.558957
-5.88E-05	-0.389682	0.194560	
0.71831	-0.030224	0.483482	-0.558957
-5.88E-05	-0.155282	-0.008189	
0.85916	-0.030224	0.483482	-0.558957
-5.88E-05	0.079118	-0.210938	
1.00000	-0.030224	0.483482	-0.558957
-5.88E-05	0.313517	-0.413688	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.044001	0.483482	0.558957
5.88E-05	0.624081	0.397309	
0.57747	0.044001	0.483482	0.558957
5.88E-05	0.389682	0.194560	
0.71831	0.044001	0.483482	0.558957
5.88E-05	0.155282	0.081790	
0.85916	0.044001	0.483482	0.558957
5.88E-05	0.081527	0.279635	
1.00000	0.044001	0.483482	0.558957
5.88E-05	0.319862	0.477479	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.030224	-0.483482	-0.568341
-5.88E-05	-0.633478	-0.397309	
0.57747	-0.030224	-0.483482	-0.568341
-5.88E-05	-0.395143	-0.194560	
0.71831	-0.030224	-0.483482	-0.568341
-5.88E-05	-0.156808	-0.068611	
0.85916	-0.030224	-0.483482	-0.568341
-5.88E-05	-0.079118	-0.210938	
1.00000	-0.030224	-0.483482	-0.568341
-5.88E-05	-0.313517	-0.413688	

ELEM 331 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016160	-0.030646	-0.016047
2.13E-06	-0.008884	0.006714	
0.14084	-0.016160	-0.030646	-0.016047
2.13E-06	-0.002155	0.019565	
0.28169	-0.016160	-0.030646	-0.016047
2.13E-06	0.004575	0.032417	
0.42253	-0.016160	-0.030646	-0.016047
2.13E-06	0.011304	0.045268	
0.56338	-0.016160	-0.030646	-0.016047
2.13E-06	0.018034	0.058119	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029964	0.339674	0.024833
-5.21E-06	0.013913	-0.289291	
0.14084	-0.029964	0.339674	0.024833
-5.21E-06	0.003500	-0.431734	
0.28169	-0.029964	0.339674	0.024833
-5.21E-06	-0.006914	-0.574177	
0.42253	-0.029964	0.339674	0.024833
-5.21E-06	-0.017328	-0.716620	
0.56338	-0.029964	0.339674	0.024833
-5.21E-06	-0.027741	-0.859063	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068728	-0.566009	0.465819
-1.46E-05	0.260840	0.465473	
0.14084	0.068728	-0.566009	0.465819
-1.46E-05	0.065498	0.702830	
0.28169	0.068728	-0.566009	0.465819
-1.46E-05	-0.129844	0.940187	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
648

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.068728	-0.566009	0.465819
-1.46E-05	-0.325186	1.177544	
0.56338	0.068728	-0.566009	0.465819
-1.46E-05	-0.520528	1.414901	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024533	0.249770	-0.563889
2.78E-05	-0.315542	-0.122325	
0.14084	-0.024533	0.249770	-0.563889
2.78E-05	-0.079075	-0.227067	
0.28169	-0.024533	0.249770	-0.563889
2.78E-05	0.157393	-0.331809	
0.42253	-0.024533	0.249770	-0.563889
2.78E-05	0.393860	-0.436550	
0.56338	-0.024533	0.249770	-0.563889
2.78E-05	0.630328	-0.541292	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001752	0.009099	0.109599
-1.23E-05	0.061279	-0.069336	
0.14084	0.001752	0.009099	0.109599
-1.23E-05	0.015319	-0.073152	
0.28169	0.001752	0.009099	0.109599
-1.23E-05	-0.030642	-0.076967	
0.42253	0.001752	0.009099	0.109599
-1.23E-05	-0.076602	-0.080783	
0.56338	0.001752	0.009099	0.109599
-1.23E-05	-0.122563	-0.084599	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000177	-0.001889	-0.020315
2.14E-06	-0.011606	0.008765	
0.14084	0.000177	-0.001889	-0.020315
2.14E-06	-0.003087	0.009557	
0.28169	0.000177	-0.001889	-0.020315
2.14E-06	0.005432	0.010349	
0.42253	0.000177	-0.001889	-0.020315
2.14E-06	0.013951	0.011141	
0.56338	0.000177	-0.001889	-0.020315
2.14E-06	0.022470	0.011933	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.054320	-0.587556	0.559371
-2.48E-05	0.313236	0.402851	
0.14084	0.054320	-0.587556	0.559371
-2.48E-05	0.078662	0.649244	
0.28169	0.054320	-0.587556	0.559371
-2.48E-05	-0.155911	0.895636	
0.42253	0.054320	-0.587556	0.559371
-2.48E-05	-0.390484	1.142029	
0.56338	0.054320	-0.587556	0.559371
-2.48E-05	-0.625057	1.388421	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054320	0.587556	-0.559371
2.48E-05	-0.313236	-0.402851	
0.14084	-0.054320	0.587556	-0.559371
2.48E-05	-0.078662	-0.649244	
0.28169	-0.054320	0.587556	-0.559371
2.48E-05	0.155911	-0.895636	
0.42253	-0.054320	0.587556	-0.559371
2.48E-05	0.390484	-1.142029	
0.56338	-0.054320	0.587556	-0.559371
2.48E-05	0.625057	-1.388421	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068728	0.587556	0.559371
2.78E-05	0.313236	0.465473	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
649

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.068728	0.587556	0.559371
2.78E-05	0.078662	0.702830	
0.28169	0.068728	0.587556	0.559371
2.78E-05	0.157393	0.940187	
0.42253	0.068728	0.587556	0.559371
2.78E-05	0.393860	1.177544	
0.56338	0.068728	0.587556	0.559371
2.78E-05	0.630328	1.414901	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.054320	-0.587556	-0.563889
-2.48E-05	-0.315542	-0.402851	
0.14084	-0.054320	-0.587556	-0.563889
-2.48E-05	-0.079075	-0.649244	
0.28169	-0.054320	-0.587556	-0.563889
-2.48E-05	-0.155911	-0.895636	
0.42253	-0.054320	-0.587556	-0.563889
-2.48E-05	-0.390484	-1.142029	
0.56338	-0.054320	-0.587556	-0.563889
-2.48E-05	-0.625057	-1.388421	

ELEM 332 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.023330	-0.008500	-0.006161
7.38E-08	-0.006441	-0.013024	
0.57747	-0.023330	-0.008500	-0.006161
7.38E-08	-0.003858	-0.009459	
0.71832	-0.023330	-0.008500	-0.006161
7.38E-08	-0.001274	-0.005895	
0.85916	-0.023330	-0.008500	-0.006161
7.38E-08	0.001309	-0.002330	
1.00000	-0.023330	-0.008500	-0.006161
7.38E-08	0.003892	0.001234	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.007531	0.162635	-0.032776
-4.75E-06	-0.037295	0.051172	
0.57747	0.007531	0.162635	-0.032776
-4.75E-06	-0.023551	-0.017077	
0.71832	0.007531	0.162635	-0.032776
-4.75E-06	-0.009807	-0.085275	
0.85916	0.007531	0.162635	-0.032776
-4.75E-06	0.003937	-0.153474	
1.00000	0.007531	0.162635	-0.032776
-4.75E-06	0.017681	-0.221672	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.018556	-0.225596	0.539629
5.83E-05	0.601664	-0.095460	
0.57747	0.018556	-0.225596	0.539629
5.83E-05	0.375380	-0.000860	
0.71832	0.018556	-0.225596	0.539629
5.83E-05	0.149095	0.093740	
0.85916	0.018556	-0.225596	0.539629
5.83E-05	-0.077189	0.188340	
1.00000	0.018556	-0.225596	0.539629
5.83E-05	-0.303473	0.282940	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.012091	0.011753	-0.567349
-5.77E-05	-0.632472	0.080730	
0.57747	-0.012091	0.011753	-0.567349
-5.77E-05	-0.394564	0.075801	
0.71832	-0.012091	0.011753	-0.567349
-5.77E-05	-0.156655	0.070873	
0.85916	-0.012091	0.011753	-0.567349
-5.77E-05	0.081253	0.065944	
1.00000	-0.012091	0.011753	-0.567349
-5.77E-05	0.319162	0.061016	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
650

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.009966	0.073471	0.079628
4.99E-06	0.089451	-0.020352	
0.57747	0.009966	0.073471	0.079628
4.99E-06	0.056060	-0.051161	
0.71832	0.009966	0.073471	0.079628
4.99E-06	0.022670	-0.081969	
0.85916	0.009966	0.073471	0.079628
4.99E-06	-0.010721	-0.112778	
1.00000	0.009966	0.073471	0.079628
4.99E-06	-0.044111	-0.143587	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.000631	-0.013764	-0.012970
-8.69E-07	-0.011806	-0.007616	
0.57747	-0.000631	-0.013764	-0.012970
-8.69E-07	-0.009467	0.002755	
0.71832	-0.000631	-0.013764	-0.012970
-8.69E-07	-0.004029	0.008527	
0.85916	-0.000631	-0.013764	-0.012970
-8.69E-07	0.001410	0.014298	
1.00000	-0.000631	-0.013764	-0.012970
-8.69E-07	0.006849	0.020070	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.005191	-0.160625	0.613096
6.33E-05	0.684674	-0.128835	
0.57747	0.005191	-0.160625	0.613096
6.33E-05	0.427582	-0.061480	
0.71832	0.005191	-0.160625	0.613096
6.33E-05	0.170491	0.005876	
0.85916	0.005191	-0.160625	0.613096
6.33E-05	0.086601	0.073231	
1.00000	0.005191	-0.160625	0.613096
6.33E-05	0.343692	0.140587	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.005191	0.160625	-0.613096
-6.33E-05	-0.684674	0.128835	
0.57747	-0.005191	0.160625	-0.613096
-6.33E-05	-0.427582	0.061480	
0.71832	-0.005191	0.160625	-0.613096
-6.33E-05	-0.170491	-0.005876	
0.85916	-0.005191	0.160625	-0.613096
-6.33E-05	0.086601	-0.073231	
1.00000	-0.005191	0.160625	-0.613096
-6.33E-05	0.343692	-0.140587	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.018556	0.162635	0.613096
6.33E-05	0.684674	0.128835	
0.57747	0.018556	0.162635	0.613096
6.33E-05	0.427582	0.075801	
0.71832	0.018556	0.162635	0.613096
6.33E-05	0.170491	0.093740	
0.85916	0.018556	0.162635	0.613096
6.33E-05	0.086601	0.188340	
1.00000	0.018556	0.162635	0.613096
6.33E-05	0.343692	0.282940	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.023330	-0.225596	-0.613096
-6.33E-05	-0.684674	-0.128835	
0.57747	-0.023330	-0.225596	-0.613096
-6.33E-05	-0.427582	-0.061480	
0.71832	-0.023330	-0.225596	-0.613096
-6.33E-05	-0.170491	-0.085275	
0.85916	-0.023330	-0.225596	-0.613096
-6.33E-05	-0.086601	-0.153474	
1.00000	-0.023330	-0.225596	-0.613096
-6.33E-05	-0.343692	-0.221672	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
651

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 333 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020502	-0.008264	-0.003715
4.03E-07	-0.001840	-0.000125	
0.14084	-0.020502	-0.008264	-0.003715
4.03E-07	-0.000282	0.003340	
0.28168	-0.020502	-0.008264	-0.003715
4.03E-07	0.001276	0.006806	
0.42253	-0.020502	-0.008264	-0.003715
4.03E-07	0.002834	0.010271	
0.56337	-0.020502	-0.008264	-0.003715
4.03E-07	0.004391	0.013736	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004403	0.161129	-0.034850
2.77E-06	-0.018668	-0.214111	
0.14084	-0.004403	0.161129	-0.034850
2.77E-06	-0.004755	-0.281678	
0.28168	-0.004403	0.161129	-0.034850
2.77E-06	0.009859	-0.349245	
0.42253	-0.004403	0.161129	-0.034850
2.77E-06	0.024472	-0.416812	
0.56337	-0.004403	0.161129	-0.034850
2.77E-06	0.039086	-0.484379	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030436	-0.221813	0.535889
-2.37E-05	0.299782	0.275292	
0.14084	0.030436	-0.221813	0.535889
-2.37E-05	0.075066	0.368305	
0.28168	0.030436	-0.221813	0.535889
-2.37E-05	-0.149650	0.461319	
0.42253	0.030436	-0.221813	0.535889
-2.37E-05	-0.374366	0.554333	
0.56337	0.030436	-0.221813	0.535889
-2.37E-05	-0.599082	0.647346	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007974	0.007287	-0.563167
2.81E-05	-0.315089	0.058112	
0.14084	-0.007974	0.007287	-0.563167
2.81E-05	-0.078934	0.055057	
0.28168	-0.007974	0.007287	-0.563167
2.81E-05	0.157221	0.052001	
0.42253	-0.007974	0.007287	-0.563167
2.81E-05	0.393376	0.048946	
0.56337	-0.007974	0.007287	-0.563167
2.81E-05	0.629531	0.045890	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001550	0.075846	0.081515
-9.17E-06	0.045614	-0.138284	
0.14084	0.001550	0.075846	0.081515
-9.17E-06	0.011432	-0.170899	
0.28168	0.001550	0.075846	0.081515
-9.17E-06	-0.022750	-0.201893	
0.42253	0.001550	0.075846	0.081515
-9.17E-06	-0.056932	-0.233698	
0.56337	0.001550	0.075846	0.081515
-9.17E-06	-0.091114	-0.265503	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000893	-0.014185	-0.015672
1.58E-06	-0.009100	0.019116	
0.14084	0.000893	-0.014185	-0.015672
1.58E-06	-0.002528	0.025064	
0.28168	0.000893	-0.014185	-0.015672
1.58E-06	0.004044	0.031013	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
652

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.000893	-0.014185	-0.015672
1.58E-06	0.010615	0.036961	
0.56337	0.000893	-0.014185	-0.015672
1.58E-06	0.017187	0.042910	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011484	-0.154230	0.613689
-3.25E-05	0.343557	0.136883	
0.14084	0.011484	-0.154230	0.613689
-3.25E-05	0.086217	0.201557	
0.28168	0.011484	-0.154230	0.613689
-3.25E-05	-0.171124	0.266231	
0.42253	0.011484	-0.154230	0.613689
-3.25E-05	-0.428464	0.330905	
0.56337	0.011484	-0.154230	0.613689
-3.25E-05	-0.685804	0.395579	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011484	0.154230	-0.613689
3.25E-05	-0.343557	-0.136883	
0.14084	-0.011484	0.154230	-0.613689
3.25E-05	-0.086217	-0.201557	
0.28168	-0.011484	0.154230	-0.613689
3.25E-05	0.171124	-0.266231	
0.42253	-0.011484	0.154230	-0.613689
3.25E-05	0.428464	-0.330905	
0.56337	-0.011484	0.154230	-0.613689
3.25E-05	0.685804	-0.395579	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030436	0.161129	0.613689
3.25E-05	0.343557	0.275292	
0.14084	0.030436	0.161129	0.613689
3.25E-05	0.086217	0.368305	
0.28168	0.030436	0.161129	0.613689
3.25E-05	0.171124	0.461319	
0.42253	0.030436	0.161129	0.613689
3.25E-05	0.428464	0.554333	
0.56337	0.030436	0.161129	0.613689
3.25E-05	0.685804	0.647346	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.020502	-0.221813	-0.613689
-3.25E-05	-0.343557	-0.214111	
0.14084	-0.020502	-0.221813	-0.613689
-3.25E-05	-0.086217	-0.281678	
0.28168	-0.020502	-0.221813	-0.613689
-3.25E-05	-0.171124	-0.349245	
0.42253	-0.020502	-0.221813	-0.613689
-3.25E-05	-0.428464	-0.416812	
0.56337	-0.020502	-0.221813	-0.613689
-3.25E-05	-0.685804	-0.484379	

ELEM 334 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.024536	0.007810	0.002406
2.83E-08	0.003267	0.001909	
0.57747	-0.024536	0.007810	0.002406
2.83E-08	0.002258	-0.001366	
0.71832	-0.024536	0.007810	0.002406
2.83E-08	0.001249	-0.004641	
0.85916	-0.024536	0.007810	0.002406
2.83E-08	0.000240	-0.007916	
1.00000	-0.024536	0.007810	0.002406
2.83E-08	-0.000770	-0.011192	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
653

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.012569	0.069682	-0.077497
-4.58E-06	-0.087016	-0.017191	
0.57747	0.012569	0.069682	-0.077497
-4.58E-06	-0.054519	-0.046412	
0.71832	0.012569	0.069682	-0.077497
-4.58E-06	-0.022021	-0.075632	
0.85916	0.012569	0.069682	-0.077497
-4.58E-06	0.010476	-0.104852	
1.00000	0.012569	0.069682	-0.077497
-4.58E-06	0.042973	-0.134072	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.008847	0.010948	0.577028
5.82E-05	0.643178	0.080700	
0.57747	-0.008847	0.010948	0.577028
5.82E-05	0.401211	0.076169	
0.71832	-0.008847	0.010948	0.577028
5.82E-05	0.159243	0.071518	
0.85916	-0.008847	0.010948	0.577028
5.82E-05	-0.082724	0.066928	
1.00000	-0.008847	0.010948	0.577028
5.82E-05	-0.324691	0.062337	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.015937	-0.226927	-0.531866
-5.79E-05	-0.593076	-0.095296	
0.57747	0.015937	-0.226927	-0.531866
-5.79E-05	-0.370047	-0.000138	
0.71832	0.015937	-0.226927	-0.531866
-5.79E-05	-0.147018	0.095020	
0.85916	0.015937	-0.226927	-0.531866
-5.79E-05	0.076011	0.190178	
1.00000	0.015937	-0.226927	-0.531866
-5.79E-05	0.299040	0.285336	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.003852	0.169510	0.034570
5.11E-06	0.039412	0.048534	
0.57747	0.003852	0.169510	0.034570
5.11E-06	0.024915	-0.022547	
0.71832	0.003852	0.169510	0.034570
5.11E-06	0.010419	-0.093628	
0.85916	0.003852	0.169510	0.034570
5.11E-06	-0.004078	-0.164709	
1.00000	0.003852	0.169510	0.034570
5.11E-06	-0.018574	-0.235790	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.001024	-0.031023	-0.004642
-8.62E-07	-0.005765	-0.018656	
0.57747	0.001024	-0.031023	-0.004642
-8.62E-07	-0.003818	-0.005647	
0.71832	0.001024	-0.031023	-0.004642
-8.62E-07	-0.001871	0.007362	
0.85916	0.001024	-0.031023	-0.004642
-8.62E-07	7.53E-05	0.020372	
1.00000	0.001024	-0.031023	-0.004642
-8.62E-07	0.002022	0.033381	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.029531	0.188268	0.614005
6.34E-05	0.685857	0.131143	
0.57747	-0.029531	0.188268	0.614005
6.34E-05	0.428384	0.052196	
0.71832	-0.029531	0.188268	0.614005
6.34E-05	0.170911	-0.026751	
0.85916	-0.029531	0.188268	0.614005
6.34E-05	-0.086562	-0.105698	
1.00000	-0.029531	0.188268	0.614005
6.34E-05	-0.344035	-0.184645	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
654

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.029531	-0.188268	-0.614005
-6.34E-05	-0.685857	-0.131143	
0.57747	0.029531	-0.188268	-0.614005
-6.34E-05	-0.428384	-0.052196	
0.71832	0.029531	-0.188268	-0.614005
-6.34E-05	-0.170911	0.026751	
0.85916	0.029531	-0.188268	-0.614005
-6.34E-05	0.086562	0.105698	
1.00000	0.029531	-0.188268	-0.614005
-6.34E-05	0.344035	0.184645	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.029531	0.188268	0.614005
6.34E-05	0.685857	0.131143	
0.57747	0.029531	0.188268	0.614005
6.34E-05	0.428384	0.076109	
0.71832	0.029531	0.188268	0.614005
6.34E-05	0.170911	0.095020	
0.85916	0.029531	0.188268	0.614005
6.34E-05	0.086562	0.190178	
1.00000	0.029531	0.188268	0.614005
6.34E-05	0.344035	0.285336	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.029531	-0.226927	-0.614005
-6.34E-05	-0.685857	-0.131143	
0.57747	-0.029531	-0.226927	-0.614005
-6.34E-05	-0.428384	-0.052196	
0.71832	-0.029531	-0.226927	-0.614005
-6.34E-05	-0.170911	-0.093628	
0.85916	-0.029531	-0.226927	-0.614005
-6.34E-05	-0.086562	-0.164709	
1.00000	-0.029531	-0.226927	-0.614005
-6.34E-05	-0.344035	-0.235790	

ELEM 335 ========== LENGTH = 2.977334

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022305	0.007354	0.006072
-1.02E-06	0.003838	-0.012145	
0.14084	-0.022305	0.007354	0.006072
-1.02E-06	0.001292	-0.015229	
0.28168	-0.022305	0.007354	0.006072
-1.02E-06	-0.001254	-0.018312	
0.42253	-0.022305	0.007354	0.006072
-1.02E-06	-0.003801	-0.021396	
0.56337	-0.022305	0.007354	0.006072
-1.02E-06	-0.006347	-0.024480	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004090	0.072060	-0.078955
9.15E-06	-0.044119	-0.128766	
0.14084	0.004090	0.072060	-0.078955
9.15E-06	-0.011011	-0.158983	
0.28168	0.004090	0.072060	-0.078955
9.15E-06	0.022098	-0.189201	
0.42253	0.004090	0.072060	-0.078955
9.15E-06	0.055206	-0.219418	
0.56337	0.004090	0.072060	-0.078955
9.15E-06	0.088315	-0.249635	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004362	0.006481	0.572290
-2.89E-05	0.320142	0.059436	
0.14084	-0.004362	0.006481	0.572290
-2.89E-05	0.080162	0.056718	
0.28168	-0.004362	0.006481	0.572290
-2.89E-05	-0.159819	0.054000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
655

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	-0.004362	0.006481	0.572290
-2.89E-05	0.051282		
0.56337	-0.004362	0.006481	0.572290
-2.89E-05	-0.639780	0.048564	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027445	-0.223135	-0.528580
2.31E-05	-0.295734	0.277687	
0.14084	0.027445	-0.223135	-0.528580
2.31E-05	-0.074083	0.371255	
0.28168	0.027445	-0.223135	-0.528580
2.31E-05	0.147568	0.464823	
0.42253	0.027445	-0.223135	-0.528580
2.31E-05	0.369219	0.558391	
0.56337	0.027445	-0.223135	-0.528580
2.31E-05	0.590870	0.651958	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008046	0.167989	0.037480
-2.85E-06	0.020959	-0.228233	
0.14084	-0.008046	0.167989	0.037480
-2.85E-06	0.005242	-0.298676	
0.28168	-0.008046	0.167989	0.037480
-2.85E-06	-0.010474	-0.369119	
0.42253	-0.008046	0.167989	0.037480
-2.85E-06	-0.026191	-0.439563	
0.56337	-0.008046	0.167989	0.037480
-2.85E-06	-0.041907	-0.510006	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003178	-0.030749	-0.008308
4.57E-07	-0.005086	0.032022	
0.14084	0.003178	-0.030749	-0.008308
4.57E-07	-0.001602	0.044916	
0.28168	0.003178	-0.030749	-0.008308
4.57E-07	0.001882	0.057810	
0.42253	0.003178	-0.030749	-0.008308
4.57E-07	0.005365	0.070704	
0.56337	0.003178	-0.030749	-0.008308
4.57E-07	0.008849	0.083599	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034713	0.181824	0.615842
-3.27E-05	0.344939	-0.180942	
0.14084	-0.034713	0.181824	0.615842
-3.27E-05	0.086696	-0.257187	
0.28168	-0.034713	0.181824	0.615842
-3.27E-05	-0.171547	-0.333432	
0.42253	-0.034713	0.181824	0.615842
-3.27E-05	-0.429791	-0.409677	
0.56337	-0.034713	0.181824	0.615842
-3.27E-05	-0.688034	-0.485922	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034713	-0.181824	-0.615842
3.27E-05	-0.344939	0.180942	
0.14084	0.034713	-0.181824	-0.615842
3.27E-05	-0.086696	0.257187	
0.28168	0.034713	-0.181824	-0.615842
3.27E-05	0.171547	0.333432	
0.42253	0.034713	-0.181824	-0.615842
3.27E-05	0.429791	0.409677	
0.56337	0.034713	-0.181824	-0.615842
3.27E-05	0.688034	0.485922	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034713	0.181824	0.615842
3.27E-05	0.344939	0.277687	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
656

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14084	0.034713	0.181824	0.615842
3.27E-05	0.086696	0.371255	
0.28168	0.034713	0.181824	0.615842
3.27E-05	0.171547	0.464823	
0.42253	0.034713	0.181824	0.615842
3.27E-05	0.429791	0.558391	
0.56337	0.034713	0.181824	0.615842
3.27E-05	0.688034	0.651958	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034713	-0.223135	-0.615842
-3.27E-05	-0.344939	-0.228233	
0.14084	-0.034713	-0.223135	-0.615842
-3.27E-05	-0.086696	-0.298676	
0.28168	-0.034713	-0.223135	-0.615842
-3.27E-05	-0.171547	-0.369119	
0.42253	-0.034713	-0.223135	-0.615842
-3.27E-05	-0.429791	-0.439563	
0.56337	-0.034713	-0.223135	-0.615842
-3.27E-05	-0.688034	-0.510006	

ELEM 336 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.025989	0.026497	0.008115
-3.85E-07	0.009844	0.021755	
0.57747	-0.025989	0.026497	0.008115
-3.85E-07	0.006441	0.010643	
0.71831	-0.025989	0.026497	0.008115
-3.85E-07	0.003038	-0.000468	
0.85916	-0.025989	0.026497	0.008115
-3.85E-07	-0.000365	-0.011580	
1.00000	-0.025989	0.026497	0.008115
-3.85E-07	-0.003769	-0.022692	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.007956	0.005673	-0.106118
-2.73E-06	-0.118884	-0.058851	
0.57747	0.007956	0.005673	-0.106118
-2.73E-06	-0.074383	-0.059230	
0.71831	0.007956	0.005673	-0.106118
-2.73E-06	-0.029883	-0.061609	
0.85916	0.007956	0.005673	-0.106118
-2.73E-06	0.014618	-0.063988	
1.00000	0.007956	0.005673	-0.106118
-2.73E-06	0.059118	-0.066367	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.015869	0.210136	0.579931
5.47E-05	0.646294	0.233122	
0.57747	-0.015869	0.210136	0.579931
5.47E-05	0.403099	0.145002	
0.71831	-0.015869	0.210136	0.579931
5.47E-05	0.159904	0.056881	
0.85916	-0.015869	0.210136	0.579931
5.47E-05	-0.083291	-0.031240	
1.00000	-0.015869	0.210136	0.579931
5.47E-05	-0.326486	-0.119360	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.044794	-0.475939	-0.462149
-5.54E-05	-0.515364	-0.314694	
0.57747	0.044794	-0.475939	-0.462149
-5.54E-05	-0.321561	-0.115108	
0.71831	0.044794	-0.475939	-0.462149
-5.54E-05	-0.127758	0.084478	
0.85916	0.044794	-0.475939	-0.462149
-5.54E-05	0.066045	0.284064	
1.00000	0.044794	-0.475939	-0.462149
-5.54E-05	0.259848	0.483650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
657

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.015571	0.283352	-0.026413
4.47E-06	-0.028548	0.156976	
0.57747	-0.015571	0.283352	-0.026413
4.47E-06	-0.017471	0.038151	
0.71831	-0.015571	0.283352	-0.026413
4.47E-06	-0.006395	-0.080673	
0.85916	-0.015571	0.283352	-0.026413
4.47E-06	0.004682	-0.199497	
1.00000	-0.015571	0.283352	-0.026413
4.47E-06	0.015758	-0.318322	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.004678	-0.049719	0.006633
-6.99E-07	0.000657	-0.064008	
0.57747	0.004678	-0.049719	0.006633
-6.99E-07	0.003875	-0.019458	
0.71831	0.004678	-0.049719	0.006633
-6.99E-07	0.001094	0.001392	
0.85916	0.004678	-0.049719	0.006633
-6.99E-07	-0.001688	0.022242	
1.00000	0.004678	-0.049719	0.006633
-6.99E-07	-0.004469	0.043091	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.057429	0.519985	0.561633
5.88E-05	0.627590	0.411853	
0.57747	-0.057429	0.519985	0.561633
5.88E-05	0.392069	0.193796	
0.71831	-0.057429	0.519985	0.561633
5.88E-05	0.156547	-0.024261	
0.85916	-0.057429	0.519985	0.561633
5.88E-05	-0.078975	-0.242317	
1.00000	-0.057429	0.519985	0.561633
5.88E-05	-0.314497	-0.460374	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.057429	-0.519985	-0.561633
-5.88E-05	-0.627590	-0.411853	
0.57747	0.057429	-0.519985	-0.561633
-5.88E-05	-0.392069	-0.193796	
0.71831	0.057429	-0.519985	-0.561633
-5.88E-05	-0.156547	-0.024261	
0.85916	0.057429	-0.519985	-0.561633
-5.88E-05	0.078975	0.242317	
1.00000	0.057429	-0.519985	-0.561633
-5.88E-05	0.314497	0.460374	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.057429	0.519985	0.579931
5.88E-05	0.646294	0.411853	
0.57747	0.057429	0.519985	0.579931
5.88E-05	0.403099	0.193796	
0.71831	0.057429	0.519985	0.579931
5.88E-05	0.159904	0.084478	
0.85916	0.057429	0.519985	0.579931
5.88E-05	0.078975	0.284064	
1.00000	0.057429	0.519985	0.579931
5.88E-05	0.314497	0.483650	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.057429	-0.519985	-0.561633
-5.88E-05	-0.627590	-0.411853	
0.57747	-0.057429	-0.519985	-0.561633
-5.88E-05	-0.392069	-0.193796	
0.71831	-0.057429	-0.519985	-0.561633
-5.88E-05	-0.156547	-0.080673	
0.85916	-0.057429	-0.519985	-0.561633
-5.88E-05	-0.083291	-0.242317	
1.00000	-0.057429	-0.519985	-0.561633
-5.88E-05	-0.326486	-0.480374	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
658

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 337 ========== LENGTH = 2.977407

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024433	0.026109	0.013307
-1.90E-06	0.008109	-0.023206	
0.14084	-0.024433	0.026109	0.013307
-1.90E-06	0.002528	-0.034155	
0.28169	-0.024433	0.026109	0.013307
-1.90E-06	-0.003052	-0.045104	
0.42253	-0.024433	0.026109	0.013307
-1.90E-06	-0.008632	-0.056053	
0.56338	-0.024433	0.026109	0.013307
-1.90E-06	-0.014213	-0.067002	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003202	0.007576	-0.107201
1.23E-05	0.054927	-0.063497	
0.14084	0.003202	0.007576	-0.107201
1.23E-05	-0.014972	-0.066674	
0.28169	0.003202	0.007576	-0.107201
1.23E-05	0.029983	-0.069851	
0.42253	0.003202	0.007576	-0.107201
1.23E-05	0.074938	-0.073028	
0.56338	0.003202	0.007576	-0.107201
1.23E-05	0.119892	-0.076204	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.021468	0.249320	0.574797
-2.86E-05	0.321582	-0.117466	
0.14084	-0.021468	0.249320	0.574797
-2.86E-05	0.080540	-0.222019	
0.28169	-0.021468	0.249320	0.574797
-2.86E-05	-0.160502	-0.326572	
0.42253	-0.021468	0.249320	0.574797
-2.86E-05	-0.401544	-0.431124	
0.56338	-0.021468	0.249320	0.574797
-2.86E-05	-0.642587	-0.535677	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069136	-0.570142	-0.460386
1.42E-05	-0.257835	0.471643	
0.14084	0.069136	-0.570142	-0.460386
1.42E-05	-0.064771	0.710733	
0.28169	0.069136	-0.570142	-0.460386
1.42E-05	0.128293	0.949823	
0.42253	0.069136	-0.570142	-0.460386
1.42E-05	0.321356	1.188913	
0.56338	0.069136	-0.570142	-0.460386
1.42E-05	0.514420	1.428003	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034550	0.348563	-0.022220
5.01E-06	-0.012268	-0.308864	
0.14084	-0.034550	0.348563	-0.022220
5.01E-06	0.009950	-0.455034	
0.28169	-0.034550	0.348563	-0.022220
5.01E-06	0.006368	-0.601205	
0.42253	-0.034550	0.348563	-0.022220
5.01E-06	0.015686	-0.747375	
0.56338	-0.034550	0.348563	-0.022220
5.01E-06	0.025004	-0.893546	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008112	-0.061425	0.001703
-9.38E-07	0.000339	0.041391	
0.14084	0.008112	-0.061425	0.001703
-9.38E-07	-0.000375	0.067149	
0.28169	0.008112	-0.061425	0.001703
-9.38E-07	-0.001089	0.092908	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
659

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42253	0.008112	-0.061425	0.001703
-9.38E-07	-0.001803	0.118667	
0.56338	0.008112	-0.061425	0.001703
-9.38E-07	-0.002517	0.144426	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080450	0.623991	0.565884
-2.55E-05	0.317423	-0.449537	
0.14084	-0.080450	0.623991	0.565884
-2.55E-05	0.080118	-0.711209	
0.28169	-0.080450	0.623991	0.565884
-2.55E-05	-0.157186	-0.972880	
0.42253	-0.080450	0.623991	0.565884
-2.55E-05	-0.394491	-1.234552	
0.56338	-0.080450	0.623991	0.565884
-2.55E-05	-0.631795	-1.496224	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080450	-0.623991	-0.565884
2.55E-05	-0.317423	0.449537	
0.14084	0.080450	-0.623991	-0.565884
2.55E-05	-0.080118	0.711209	
0.28169	0.080450	-0.623991	-0.565884
2.55E-05	0.157186	0.972880	
0.42253	0.080450	-0.623991	-0.565884
2.55E-05	0.394491	1.234552	
0.56338	0.080450	-0.623991	-0.565884
2.55E-05	0.631795	1.496224	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080450	0.623991	0.574797
2.55E-05	0.321582	0.471643	
0.14084	0.080450	0.623991	0.574797
2.55E-05	0.080540	0.711209	
0.28169	0.080450	0.623991	0.574797
2.55E-05	0.157186	0.972880	
0.42253	0.080450	0.623991	0.574797
2.55E-05	0.394491	1.234552	
0.56338	0.080450	0.623991	0.574797
2.55E-05	0.631795	1.496224	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080450	-0.623991	-0.565884
-2.86E-05	-0.317423	-0.449537	
0.14084	-0.080450	-0.623991	-0.565884
-2.86E-05	-0.080118	-0.711209	
0.28169	-0.080450	-0.623991	-0.565884
-2.86E-05	-0.160502	-0.972880	
0.42253	-0.080450	-0.623991	-0.565884
-2.86E-05	-0.401544	-1.234552	
0.56338	-0.080450	-0.623991	-0.565884
-2.86E-05	-0.642587	-1.496224	

ELEM 338 ========== LENGTH = 2.976557

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.029212	0.046096	0.010982
-4.51E-07	0.013233	0.047272	
0.57756	-0.029212	0.046096	0.010982
-4.51E-07	0.008631	0.027951	
0.71837	-0.029212	0.046096	0.010982
-4.51E-07	0.004028	0.008631	
0.85919	-0.029212	0.046096	0.010982
-4.51E-07	-0.000575	-0.010690	
1.00000	-0.029212	0.046096	0.010982
-4.51E-07	-0.005178	-0.030010	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
660

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.003288	-0.034766	-0.118582
-3.81E-06	-0.132571	-0.082180	
0.57756	0.003288	-0.034766	-0.118582
-3.81E-06	-0.082869	-0.067608	
0.71837	0.003288	-0.034766	-0.118582
-3.81E-06	-0.033166	-0.053036	
0.85919	0.003288	-0.034766	-0.118582
-3.81E-06	0.016537	-0.038464	
1.00000	0.003288	-0.034766	-0.118582
-3.81E-06	0.066239	-0.023892	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.034379	0.528258	0.552390
5.44E-05	0.615013	0.565533	
0.57756	-0.034379	0.528258	0.552390
5.44E-05	0.383485	0.344120	
0.71837	-0.034379	0.528258	0.552390
5.44E-05	0.151957	0.122706	
0.85919	-0.034379	0.528258	0.552390
5.44E-05	-0.079571	-0.098708	
1.00000	-0.034379	0.528258	0.552390
5.44E-05	-0.311100	-0.320121	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	0.099865	-1.032867	-0.366347
-5.26E-05	-0.408414	-0.932073	
0.57756	0.099865	-1.032867	-0.366347
-5.26E-05	-0.254863	-0.499158	
0.71837	0.099865	-1.032867	-0.366347
-5.26E-05	-0.101313	-0.066243	
0.85919	0.099865	-1.032867	-0.366347
-5.26E-05	0.052238	0.366673	
1.00000	0.099865	-1.032867	-0.366347
-5.26E-05	0.205788	0.799588	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43675	-0.050512	0.590665	-0.098499
2.79E-06	-0.108643	0.498326	
0.57756	-0.050512	0.590665	-0.098499
2.79E-06	-0.067358	0.250755	
0.71837	-0.050512	0.590665	-0.098499
2.79E-06	-0.026074	0.003184	
0.85919	-0.050512	0.590665	-0.098499
2.79E-06	0.015211	-0.244387	
1.00000	-0.050512	0.590665	-0.098499
2.79E-06	0.056496	-0.491958	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43675		0.010950	-0.097385	0.020057
-3.16E-07		0.021381	-0.096878	
0.57756		0.010950	-0.097385	0.020057
-3.16E-07		0.012975	-0.056060	
0.71837		0.010950	-0.097385	0.020057
-3.16E-07		0.004568	-0.015242	
0.85919		0.010950	-0.097385	0.020057
-3.16E-07		-0.003839	0.025576	
1.00000		0.010950	-0.097385	0.020057
-3.16E-07		-0.012245	0.066394	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43675		-0.114103	1.165019	0.464872
5.67E-05		0.519604	1.111131	
0.57756		-0.114103	1.165019	0.464872
5.67E-05		0.324757	0.622826	
0.71837		-0.114103	1.165019	0.464872
5.67E-05		0.129911	0.134521	
0.85919		-0.114103	1.165019	0.464872
5.67E-05		-0.064935	-0.353785	
1.00000		-0.114103	1.165019	0.464872
5.67E-05		-0.259782	-0.842090	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
661

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43675		0.114103	-1.165019	-0.464872
-5.67E-05		-0.519604	-1.111131	
0.57756		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.324757	-0.622826	
0.71837		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.129911	-0.134521	
0.85919		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.064935	0.353785	
1.00000		-0.114103	-1.165019	-0.464872
-5.67E-05		0.259782	0.842090	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43675		0.114103	1.165019	0.552390
5.67E-05		0.615013	1.111131	
0.57756		0.114103	1.165019	0.552390
5.67E-05		0.383485	0.622826	
0.71837		0.114103	1.165019	0.552390
5.67E-05		0.151957	0.134521	
0.85919		0.114103	1.165019	0.552390
5.67E-05		0.064935	0.366673	
1.00000		0.114103	1.165019	0.552390
5.67E-05		0.259782	0.842090	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43675		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.519604	-1.111131	
0.57756		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.324757	-0.622826	
0.71837		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.129911	-0.134521	
0.85919		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.079571	-0.353785	
1.00000		-0.114103	-1.165019	-0.464872
-5.67E-05		-0.311100	-0.842090	

ELEM 339 ========== LENGTH = 2.977556

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.028478	0.049195	0.017736
-2.99E-06		0.010830	-0.030123	
0.14085		-0.028478	0.049195	0.017736
-2.99E-06		0.003392	-0.050755	
0.28170		-0.028478	0.049195	0.017736
-2.99E-06		-0.004046	-0.071386	
0.42255		-0.028478	0.049195	0.017736
-2.99E-06		-0.011484	-0.092018	
0.56340		-0.028478	0.049195	0.017736
-2.99E-06		-0.018922	-0.112650	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003187	-0.052197	-0.119188
1.60E-05		-0.066710	-0.023241	
0.14085		0.003187	-0.052197	-0.119188
1.60E-05		-0.016724	-0.001350	
0.28170		0.003187	-0.052197	-0.119188
1.60E-05		0.033262	0.020541	
0.42255		0.003187	-0.052197	-0.119188
1.60E-05		0.083248	0.042432	
0.56340		0.003187	-0.052197	-0.119188
1.60E-05		0.133234	0.064322	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.043841	0.523464	0.545688
-3.02E-05		0.305285	-0.314021	
0.14085		-0.043841	0.523464	0.545688
-3.02E-05		0.076429	-0.533556	
0.28170		-0.043841	0.523464	0.545688
-3.02E-05		-0.152427	-0.753091	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
662

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42255		-0.043841	0.523464	0.545688
-3.02E-05		-0.381282	-0.972626	
0.56340		-0.043841	0.523464	0.545688
-3.02E-05		-0.610138	-1.192161	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.120661	-0.975186	-0.364666
7.28E-06		-0.204204	0.783976	
0.14085		0.120661	-0.975186	-0.364666
7.28E-06		-0.051267	1.192958	
0.28170		0.120661	-0.975186	-0.364666
7.28E-06		0.101670	1.601940	
0.42255		0.120661	-0.975186	-0.364666
7.28E-06		0.254606	2.010922	
0.56340		0.120661	-0.975186	-0.364666
7.28E-06		0.407543	2.419905	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.065163	0.543700	-0.093089
1.21E-05		-0.051964	-0.481018	
0.14085		-0.065163	0.543700	-0.093089
1.21E-05		-0.012924	-0.709040	
0.28170		-0.065163	0.543700	-0.093089
1.21E-05		0.026116	-0.937062	
0.42255		-0.065163	0.543700	-0.093089
1.21E-05		0.065157	-1.165084	
0.56340		-0.065163	0.543700	-0.093089
1.21E-05		0.104197	-1.393106	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.013636	-0.088977	0.013518
-2.21E-06		0.006764	0.064427	
0.14085		0.013636	-0.088977	0.013518
-2.21E-06		0.001094	0.101742	
0.28170		0.013636	-0.088977	0.013518
-2.21E-06		-0.004575	0.139058	
0.42255		0.013636	-0.088977	0.013518
-2.21E-06		-0.010244	0.176374	
0.56340		0.013636	-0.088977	0.013518
-2.21E-06		-0.015914	0.213690	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.137483	1.116359	0.470335
-2.11E-05		0.264150	-0.825162	
0.14085		-0.137483	1.116359	0.470335
-2.11E-05		0.066897	-1.293351	
0.28170		-0.137483	1.116359	0.470335
-2.11E-05		-0.130356	-1.761539	
0.42255		-0.137483	1.116359	0.470335
-2.11E-05		-0.327610	-2.229728	
0.56340		-0.137483	1.116359	0.470335
-2.11E-05		-0.524863	-2.697917	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.137483	-1.116359	-0.470335
2.11E-05		-0.264150	0.825162	
0.14085		0.137483	-1.116359	-0.470335
2.11E-05		-0.066897	1.293351	
0.28170		0.137483	-1.116359	-0.470335
2.11E-05		0.130356	1.761539	
0.42255		0.137483	-1.116359	-0.470335
2.11E-05		0.327610	2.229728	
0.56340		0.137483	-1.116359	-0.470335
2.11E-05		0.524863	2.697917	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.137483	1.116359	0.545688
2.11E-05		0.305285	0.825162	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
663

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14085		0.137483	1.116359	0.545688
2.11E-05		0.076429	1.293351	
0.28170		0.137483	1.116359	0.545688
2.11E-05		0.130356	1.761539	
0.42255		0.137483	1.116359	0.545688
2.11E-05		0.327610	2.229728	
0.56340		0.137483	1.116359	0.545688
2.11E-05		0.524863	2.697917	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.137483	-1.116359	-0.470335
-3.02E-05		-0.264150	-0.825162	
0.14085		-0.137483	-1.116359	-0.470335
-3.02E-05		-0.066897	-1.293351	
0.28170		-0.137483	-1.116359	-0.470335
-3.02E-05		-0.152427	-1.761539	
0.42255		-0.137483	-1.116359	-0.470335
-3.02E-05		-0.381282	-2.229728	
0.56340		-0.137483	-1.116359	-0.470335
-3.02E-05		-0.610138	-2.697917	

ELEM 340 ========== LENGTH = 2.977780

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.033010	0.070804	0.011163
-1.38E-06		0.013692	0.085786	
0.57743		-0.033010	0.070804	0.011163
-1.38E-06		0.009010	0.056087	
0.71828		-0.033010	0.070804	0.011163
-1.38E-06		0.004328	0.026389	
0.85914		-0.033010	0.070804	0.011163
-1.38E-06		-0.000355	-0.003309	
1.00000		-0.033010	0.070804	0.011163
-1.38E-06		-0.005037	-0.033007	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.000232	-0.095623	-0.115484
-1.61E-06		-0.129417	-0.145676	
0.57743		-0.000232	-0.095623	-0.115484
-1.61E-06		-0.080978	-0.105567	
0.71828		-0.000232	-0.095623	-0.115484
-1.61E-06		-0.032538	-0.065459	
0.85914		-0.000232	-0.095623	-0.115484
-1.61E-06		0.015901	-0.025351	
1.00000		-0.000232	-0.095623	-0.115484
-1.61E-06		0.064340	0.014758	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.013803	0.884149	0.492992
4.56E-05		0.550281	1.051853	
0.57743		-0.013803	0.884149	0.492992
4.56E-05		0.343498	0.681001	
0.71828		-0.013803	0.884149	0.492992
4.56E-05		0.136715	0.310149	
0.85914		-0.013803	0.884149	0.492992
4.56E-05		-0.070068	-0.060703	
1.00000		-0.013803	0.884149	0.492992
4.56E-05		-0.276851	-0.431555	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.076811	-1.598307	-0.245825
-3.99E-05		-0.274740	-1.757391	
0.57743		0.076811	-1.598307	-0.245825
-3.99E-05		-0.171630	-1.086989	
0.71828		0.076811	-1.598307	-0.245825
-3.99E-05		-0.068520	-0.416587	
0.85914		0.076811	-1.598307	-0.245825
-3.99E-05		0.034590	0.253815	
1.00000		0.076811	-1.598307	-0.245825
-3.99E-05		0.137700	0.924217	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
664

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.039561	0.864478	-0.177845
-3.55E-06		-0.197711	0.913482	
0.57743		-0.039561	0.864478	-0.177845
-3.55E-06		-0.123115	0.550881	
0.71828		-0.039561	0.864478	-0.177845
-3.55E-06		-0.048519	0.188279	
0.85914		-0.039561	0.864478	-0.177845
-3.55E-06		0.026077	-0.174322	
1.00000		-0.039561	0.864478	-0.177845
-3.55E-06		0.100673	-0.536923	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.009794	-0.125501	0.034999
8.77E-07		0.007895	-0.148053	
0.57743		0.009794	-0.125501	0.034999
8.77E-07		0.023215	-0.095413	
0.71828		0.009794	-0.125501	0.034999
8.77E-07		0.008534	-0.042772	
0.85914		0.009794	-0.125501	0.034999
8.77E-07		-0.006146	0.009869	
1.00000		0.009794	-0.125501	0.034999
8.77E-07		-0.020826	0.062510	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.086374	1.819431	0.326311
4.07E-05		0.366262	2.051120	
0.57743		-0.086374	1.819431	0.326311
4.07E-05		0.229393	1.287969	
0.71828		-0.086374	1.819431	0.326311
4.07E-05		0.092524	0.524818	
0.85914		-0.086374	1.819431	0.326311
4.07E-05		-0.044346	-0.238333	
1.00000		-0.086374	1.819431	0.326311
4.07E-05		-0.181215	-1.001485	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.086374	-1.819431	-0.326311
-4.07E-05		-0.366262	-2.051120	
0.57743		0.086374	-1.819431	-0.326311
-4.07E-05		-0.229393	-1.287969	
0.71828		0.086374	-1.819431	-0.326311
-4.07E-05		-0.092524	-0.524818	
0.85914		0.086374	-1.819431	-0.326311
-4.07E-05		0.044346	0.238333	
1.00000		0.086374	-1.819431	-0.326311
-4.07E-05		0.181215	1.001485	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		0.086374	1.819431	0.492992
4.56E-05		0.550281	2.051120	
0.57743		0.086374	1.819431	0.492992
4.56E-05		0.343498	1.287969	
0.71828		0.086374	1.819431	0.492992
4.56E-05		0.136715	0.524818	
0.85914		0.086374	1.819431	0.492992
4.56E-05		0.044346	0.253815	
1.00000		0.086374	1.819431	0.492992
4.56E-05		0.181215	1.001485	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43657		-0.086374	-1.819431	-0.326311
-4.07E-05		-0.366262	-2.051120	
0.57743		-0.086374	-1.819431	-0.326311
-4.07E-05		-0.229393	-1.287969	
0.71828		-0.086374	-1.819431	-0.326311
-4.07E-05		-0.092524	-0.524818	
0.85914		-0.086374	-1.819431	-0.326311
-4.07E-05		-0.070068	-0.238333	
1.00000		-0.086374	-1.819431	-0.326311
-4.07E-05		-0.276851	-1.001485	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
665

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 341 ========== LENGTH = 2.976782

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.032991	0.073469	0.019565
-3.33E-06		0.012054	-0.032783	
0.14085		-0.032991	0.073469	0.019565
-3.33E-06		0.003853	-0.063581	
0.28164		-0.032991	0.073469	0.019565
-3.33E-06		-0.004349	-0.094379	
0.42247		-0.032991	0.073469	0.019565
-3.33E-06		-0.012550	-0.125177	
0.56329		-0.032991	0.073469	0.019565
-3.33E-06		-0.020752	-0.155975	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003500	-0.111726	-0.116477
1.45E-05		0.004986	0.014560	
0.14082		0.003500	-0.111726	-0.116477
1.45E-05		-0.016159	0.060395	
0.28164		0.003500	-0.111726	-0.116477
1.45E-05		0.032668	0.107230	
0.42247		0.003500	-0.111726	-0.116477
1.45E-05		0.081494	0.154065	
0.56329		0.003500	-0.111726	-0.116477
1.45E-05		0.130321	0.200900	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.036980	0.952824	0.487904
-2.47E-05		0.271854	-0.422467	
0.14082		-0.036980	0.952824	0.487904
-2.47E-05		0.067327	-0.821886	
0.28164		-0.036980	0.952824	0.487904
-2.47E-05		-0.137200	-1.221306	
0.42247		-0.036980	0.952824	0.487904
-2.47E-05		-0.341728	-1.620725	
0.56329		-0.036980	0.952824	0.487904
-2.47E-05		-0.546255	-2.020145	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.114017	-1.711394	-0.244829
-2.76E-06		-0.136594	0.906782	
0.14082		0.114017	-1.711394	-0.244829
-2.76E-06		-0.033963	1.624191	
0.28164		0.114017	-1.711394	-0.244829
-2.76E-06		0.068668	2.341600	
0.42247		0.114017	-1.711394	-0.244829
-2.76E-06		0.171299	3.059008	
0.56329		0.114017	-1.711394	-0.244829
-2.76E-06		0.273930	3.776417	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.061313	0.934862	-0.172846
1.99E-05		-0.096117	-0.525559	
0.14082		-0.061313	0.934862	-0.172846
1.99E-05		-0.023661	-0.917449	
0.28164		-0.061313	0.934862	-0.172846
1.99E-05		0.048795	-1.309339	
0.42247		-0.061313	0.934862	-0.172846
1.99E-05		0.121252	-1.701229	
0.56329		-0.061313	0.934862	-0.172846
1.99E-05		0.193708	-2.093119	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.013767	-0.138035	0.026683
-3.61E-06		0.013789	0.060467	
0.14082		0.013767	-0.138035	0.026683
-3.61E-06		0.002604	0.118330	
0.28164		0.013767	-0.138035	0.026683
-3.61E-06		-0.008582	0.176194	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
666

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42247		0.013767	-0.138035	0.026683
-3.61E-06		-0.019767	0.234058	
0.56329		0.013767	-0.138035	0.026683
-3.61E-06		-0.030953	0.291922	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.131283	1.961155	0.334623
-8.12E-06		0.187791	-0.980810	
0.14082		-0.131283	1.961155	0.334623
-8.12E-06		0.047518	-1.802917	
0.28164		-0.131283	1.961155	0.334623
-8.12E-06		-0.092754	-2.625024	
0.42247		-0.131283	1.961155	0.334623
-8.12E-06		-0.233026	-3.447131	
0.56329		-0.131283	1.961155	0.334623
-8.12E-06		-0.373299	-4.269239	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.131283	-1.961155	-0.334623
8.12E-06		-0.187791	0.980810	
0.14082		0.131283	-1.961155	-0.334623
8.12E-06		0.047518	1.802917	
0.28164		0.131283	-1.961155	-0.334623
8.12E-06		0.092754	2.625024	
0.42247		0.131283	-1.961155	-0.334623
8.12E-06		0.233026	3.447131	
0.56329		0.131283	-1.961155	-0.334623
8.12E-06		0.373299	4.269239	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.131283	1.961155	0.487904
1.99E-05		0.271854	0.980810	
0.14082		0.131283	1.961155	0.487904
1.99E-05		0.067327	1.802917	
0.28164		0.131283	1.961155	0.487904
1.99E-05		0.092754	2.625024	
0.42247		0.131283	1.961155	0.487904
1.99E-05		0.233026	3.447131	
0.56329		0.131283	1.961155	0.487904
1.99E-05		0.373299	4.269239	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.131283	-1.961155	-0.334623
-2.47E-05		-0.187791	-0.980810	
0.14082		-0.131283	-1.961155	-0.334623
-2.47E-05		-0.047518	-1.802917	
0.28164		-0.131283	-1.961155	-0.334623
-2.47E-05		-0.137200	-2.625024	
0.42247		-0.131283	-1.961155	-0.334623
-2.47E-05		-0.341728	-3.447131	
0.56329		-0.131283	-1.961155	-0.334623
-2.47E-05		-0.546255	-4.269239	

ELEM 342 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.032103	0.074431	0.010315
-2.50E-06		0.012387	0.103385	
0.57750		-0.032103	0.074431	0.010315
-2.50E-06		0.008062	0.072178	
0.71833		-0.032103	0.074431	0.010315
-2.50E-06		0.003737	0.040971	
0.85917		-0.032103	0.074431	0.010315
-2.50E-06		-0.000588	0.009765	
1.00000		-0.032103	0.074431	0.010315
-2.50E-06		-0.004913	-0.021442	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
667

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.006745	-0.155917	-0.108684
-9.61E-07		-0.117534	-0.231844	
0.57750		0.006745	-0.155917	-0.108684
-9.61E-07		-0.071966	-0.166472	
0.71833		0.006745	-0.155917	-0.108684
-9.61E-07		-0.026398	-0.101101	
0.85917		0.006745	-0.155917	-0.108684
-9.61E-07		0.019170	-0.035730	
1.00000		0.006745	-0.155917	-0.108684
-9.61E-07		0.064738	0.029641	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.024534	1.306543	0.443924
3.32E-05		0.478474	1.698910	
0.57750		0.024534	1.306543	0.443924
3.32E-05		0.292350	1.151115	
0.71833		0.024534	1.306543	0.443924
3.32E-05		0.106226	0.603320	
0.85917		0.024534	1.306543	0.443924
3.32E-05		-0.079899	0.055525	
1.00000		0.024534	1.306543	0.443924
3.32E-05		-0.266023	-0.492270	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		-0.071511	-2.339571	-0.116243
-1.90E-05		-0.124859	-2.931161	
0.57750		-0.071511	-2.339571	-0.116243
-1.90E-05		-0.076122	-1.950249	
0.71833		-0.071511	-2.339571	-0.116243
-1.90E-05		-0.027385	-0.969336	
0.85917		-0.071511	-2.339571	-0.116243
-1.90E-05		0.021352	0.011576	
1.00000		-0.071511	-2.339571	-0.116243
-1.90E-05		0.070090	0.992489	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43667		0.086141	1.262124	-0.284239
-1.33E-05		-0.306528	1.559741	
0.57750		0.086141	1.262124	-0.284239
-1.33E-05		-0.187355	1.030570	
0.71833		0.086141	1.262124	-0.284239
-1.33E-05		-0.068182	0.501399	
0.85917		0.086141	1.262124	-0.284239
-1.33E-05		0.050991	-0.027772	
1.00000		0.086141	1.262124	-0.284239
-1.33E-05		0.170164	-0.556943	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.013806	-0.147611	0.054927
2.64E-06	0.058061	-0.199031	
0.57750	-0.013806	-0.147611	0.054927
2.64E-06	0.035032	-0.137142	
0.71833	-0.013806	-0.147611	0.054927
2.64E-06	0.012002	-0.075253	
0.85917	-0.013806	-0.147611	0.054927
2.64E-06	-0.011027	-0.013364	
1.00000	-0.013806	-0.147611	0.054927
2.64E-06	-0.034056	0.048525	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.078572	2.643098	0.170000
1.73E-05	0.184333	3.362036	
0.57750	0.078572	2.643098	0.170000
1.73E-05	0.113057	2.253863	
0.71833	0.078572	2.643098	0.170000
1.73E-05	0.041781	1.145690	
0.85917	0.078572	2.643098	0.170000
1.73E-05	-0.029495	0.037517	
1.00000	0.078572	2.643098	0.170000
1.73E-05	-0.100772	-1.070656	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
668

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.078572	-2.643098	-0.170000
-1.73E-05	-0.184333	-3.362036	
0.57750	-0.078572	-2.643098	-0.170000
-1.73E-05	-0.113057	-2.253863	
0.71833	-0.078572	-2.643098	-0.170000
-1.73E-05	-0.041781	-1.145690	
0.85917	-0.078572	-2.643098	-0.170000
-1.73E-05	0.029495	-0.037517	
1.00000	-0.078572	-2.643098	-0.170000
-1.73E-05	0.100772	1.070656	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43667	0.086141	2.643098	0.443924
3.32E-05	0.478474	3.362036	
0.57750	0.086141	2.643098	0.443924
3.32E-05	0.292350	2.253863	
0.71833	0.086141	2.643098	0.443924
3.32E-05	0.106226	1.145690	
0.85917	0.086141	2.643098	0.443924
3.32E-05	0.050901	0.055525	
1.00000	0.086141	2.643098	0.443924
3.32E-05	0.170164	1.070656	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43667	-0.078572	-2.643098	-0.284239
-1.90E-05	-0.306528	-3.362036	
0.57750	-0.078572	-2.643098	-0.284239
-1.90E-05	-0.187355	-2.253863	
0.71833	-0.078572	-2.643098	-0.284239
-1.90E-05	-0.068182	-1.145690	
0.85917	-0.078572	-2.643098	-0.284239
-1.90E-05	-0.079899	-0.037517	
1.00000	-0.078572	-2.643098	-0.284239
-1.90E-05	-0.266023	-1.070656	

ELEM 343 ========== LENGTH = 2.978057

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029872	0.081462	0.020379
-3.83E-06	0.013365	-0.020977	
0.14087	-0.029872	0.081462	0.020379
-3.83E-06	0.004815	-0.055152	
0.28174	-0.029872	0.081462	0.020379
-3.83E-06	-0.003734	-0.089326	
0.42261	-0.029872	0.081462	0.020379
-3.83E-06	-0.012283	-0.123501	
0.56347	-0.029872	0.081462	0.020379
-3.83E-06	-0.020833	-0.157676	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006854	-0.186491	-0.109112
1.32E-05	-0.065071	0.027154	
0.14087	-0.006854	-0.186491	-0.109112
1.32E-05	-0.019297	0.105390	
0.28174	-0.006854	-0.186491	-0.109112
1.32E-05	0.026477	0.183625	
0.42261	-0.006854	-0.186491	-0.109112
1.32E-05	0.072251	0.261861	
0.56347	-0.006854	-0.186491	-0.109112
1.32E-05	0.118025	0.340097	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078738	1.387576	0.436128
-2.16E-05	0.259520	-0.481558	
0.14087	0.078738	1.387576	0.436128
-2.16E-05	0.076558	-1.063666	
0.28174	0.078738	1.387576	0.436128
-2.16E-05	-0.106404	-1.645774	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
669

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42261	0.078738	1.387576	0.436128
-2.16E-05	-0.289366	-2.227682	
0.56347	0.078738	1.387576	0.436128
-2.16E-05	-0.472327	-2.809990	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050248	-2.440767	-0.113417
-6.01E-06	-0.068012	0.974826	
0.14087	-0.050248	-2.440767	-0.113417
-6.01E-06	-0.020432	1.998763	
0.28174	-0.050248	-2.440767	-0.113417
-6.01E-06	0.027148	3.022699	
0.42261	-0.050248	-2.440767	-0.113417
-6.01E-06	0.074729	4.046635	
0.56347	-0.050248	-2.440767	-0.113417
-6.01E-06	0.122309	5.070572	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008083	1.316647	-0.278049
2.26E-05	-0.164692	-0.546001	
0.14087	0.008083	1.316647	-0.278049
2.26E-05	-0.048047	-1.098353	
0.28174	0.008083	1.316647	-0.278049
2.26E-05	0.068599	-1.650706	
0.42261	0.008083	1.316647	-0.278049
2.26E-05	0.185245	-2.203058	
0.56347	0.008083	1.316647	-0.278049
2.26E-05	0.301890	-2.755410	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000152	-0.158428	0.044072
-4.33E-06	0.024891	0.046556	
0.14087	0.000152	-0.158428	0.044072
-4.33E-06	0.006402	0.113019	
0.28174	0.000152	-0.158428	0.044072
-4.33E-06	-0.012087	0.179481	
0.42261	0.000152	-0.158428	0.044072
-4.33E-06	-0.030575	0.245944	
0.56347	0.000152	-0.158428	0.044072
-4.33E-06	-0.049064	0.312407	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056950	2.785685	0.178458
-2.84E-06	0.108192	-1.048536	
0.14087	0.056950	2.785685	0.178458
-2.84E-06	0.033327	-2.217171	
0.28174	0.056950	2.785685	0.178458
-2.84E-06	-0.041539	-3.385806	
0.42261	0.056950	2.785685	0.178458
-2.84E-06	-0.116404	-4.554440	
0.56347	0.056950	2.785685	0.178458
-2.84E-06	-0.191270	-5.723075	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056950	-2.785685	-0.178458
2.84E-06	-0.108192	1.048536	
0.14087	-0.056950	-2.785685	-0.178458
2.84E-06	-0.033327	2.217171	
0.28174	-0.056950	-2.785685	-0.178458
2.84E-06	0.041539	3.385806	
0.42261	-0.056950	-2.785685	-0.178458
2.84E-06	0.116404	4.554440	
0.56347	-0.056950	-2.785685	-0.178458
2.84E-06	0.191270	5.723075	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078738	2.785685	0.436128
2.26E-05	0.259520	1.048536	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
670

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14087	0.078738	2.785685	0.436128
2.26E-05	0.076558	2.217171	
0.28174	0.078738	2.785685	0.436128
2.26E-05	0.068599	3.385806	
0.42261	0.078738	2.785685	0.436128
2.26E-05	0.185245	4.554440	
0.56347	0.078738	2.785685	0.436128
2.26E-05	0.301890	5.723075	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056950	-2.785685	-0.278049
-2.16E-05	-0.164692	-1.048536	
0.14087	-0.056950	-2.785685	-0.278049
-2.16E-05	-0.048047	-2.217171	
0.28174	-0.056950	-2.785685	-0.278049
-2.16E-05	-0.106404	-3.385806	
0.42261	-0.056950	-2.785685	-0.278049
-2.16E-05	-0.289366	-4.554440	
0.56347	-0.056950	-2.785685	-0.278049
-2.16E-05	-0.472327	-5.723075	

ELEM 344 ========== LENGTH = 2.977349

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.018076	0.015873	0.008746
-3.07E-06	0.010422	0.018689	
0.57747	-0.018076	0.015873	0.008746
-3.07E-06	0.006755	0.012033	
0.71831	-0.018076	0.015873	0.008746
-3.07E-06	0.003087	0.005377	
0.85916	-0.018076	0.015873	0.008746
-3.07E-06	-0.000580	-0.001278	
1.00000	-0.018076	0.015873	0.008746
-3.07E-06	-0.004248	-0.007934	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.006149	-0.166270	-0.098588
3.48E-07	-0.103471	-0.242646	
0.57747	-0.006149	-0.166270	-0.098588
3.48E-07	-0.062130	-0.172923	
0.71831	-0.006149	-0.166270	-0.098588
3.48E-07	-0.020788	-0.103200	
0.85916	-0.006149	-0.166270	-0.098588
3.48E-07	0.020554	-0.033476	
1.00000	-0.006149	-0.166270	-0.098588
3.48E-07	0.061896	0.036247	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.118480	1.660850	0.398913
2.08E-05	0.417690	2.262638	
0.57747	0.118480	1.660850	0.398913
2.08E-05	0.250411	1.566182	
0.71831	0.118480	1.660850	0.398913
2.08E-05	0.083132	0.869725	
0.85916	0.118480	1.660850	0.398913
2.08E-05	-0.084148	0.173269	
1.00000	0.118480	1.660850	0.398913
2.08E-05	-0.251427	-0.523187	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.182091	-3.002656	-0.006029
-1.85E-08	-0.006383	-4.030888	
0.57747	-0.182091	-3.002656	-0.006029
-1.85E-08	-0.003855	-2.771762	
0.71831	-0.182091	-3.002656	-0.006029
-1.85E-08	-0.001327	-1.512637	
0.85916	-0.182091	-3.002656	-0.006029
-1.85E-08	0.001201	-0.253511	
1.00000	-0.182091	-3.002656	-0.006029
-1.85E-08	0.003729	1.005615	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
671

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.120136	1.619800	-0.374823
-2.17E-05	-0.392099	2.181389	
0.57747	0.120136	1.619800	-0.374823
-2.17E-05	-0.234921	1.502147	
0.71831	0.120136	1.619600	-0.374823
-2.17E-05	-0.077744	0.822904	
0.85916	0.120136	1.619800	-0.374823
-2.17E-05	0.079434	0.143662	
1.00000	0.120136	1.619800	-0.374823
-2.17E-05	0.236611	-0.535580	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.032299	-0.127596	0.071781
3.60E-06	0.073941	-0.189182	
0.57747	-0.032299	-0.127596	0.071781
3.60E-06	0.043741	-0.135677	
0.71831	-0.032299	-0.127596	0.071781
3.60E-06	0.013640	-0.082171	
0.85916	-0.032299	-0.127596	0.071781
3.60E-06	-0.016460	-0.028666	
1.00000	-0.032299	-0.127596	0.071781
3.60E-06	-0.046561	0.024840	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.220540	3.296522	0.032836
-3.93E-06	0.036014	4.462717	
0.57747	0.220540	3.296522	0.032836
-3.93E-06	0.022244	3.080362	
0.71831	0.220540	3.296522	0.032836
-3.93E-06	0.008475	1.698007	
0.85916	0.220540	3.296522	0.032836
-3.93E-06	0.005294	0.315653	
1.00000	0.220540	3.296522	0.032836
-3.93E-06	-0.019063	-1.066702	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.220540	-3.296522	-0.032836
3.93E-06	-0.036014	-4.462717	
0.57747	-0.220540	-3.296522	-0.032836
3.93E-06	-0.022244	-3.080362	
0.71831	-0.220540	-3.296522	-0.032836
3.93E-06	-0.008475	-1.698007	
0.85916	-0.220540	-3.296522	-0.032836
3.93E-06	0.005294	-0.315653	
1.00000	-0.220540	-3.296522	-0.032836
3.93E-06	0.019063	1.066702	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.220540	3.296522	0.398913
2.08E-05	0.417690	4.462717	
0.57747	0.220540	3.296522	0.398913
2.08E-05	0.250411	3.080362	
0.71831	0.220540	3.296522	0.398913
2.08E-05	0.083132	1.698007	
0.85916	0.220540	3.296522	0.398913
2.08E-05	0.079434	0.315653	
1.00000	0.220540	3.296522	0.398913
2.08E-05	0.236611	1.066702	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.220540	-3.296522	-0.374823
-2.17E-05	-0.392099	-4.462717	
0.57747	-0.220540	-3.296522	-0.374823
-2.17E-05	-0.234921	-3.080362	
0.71831	-0.220540	-3.296522	-0.374823
-2.17E-05	-0.077744	-1.698007	
0.85916	-0.220540	-3.296522	-0.374823
-2.17E-05	-0.084148	-0.315653	
1.00000	-0.220540	-3.296522	-0.374823
-2.17E-05	-0.251427	-1.066702	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
672

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 345 ========== LENGTH = 2.977323

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019050	0.018992	0.020191
-4.67E-06	0.013875	-0.007521	
0.14084	-0.019050	0.018992	0.020191
-4.67E-06	0.005409	-0.015485	
0.28168	-0.019050	0.018992	0.020191
-4.67E-06	-0.003058	-0.023449	
0.42252	-0.019050	0.018992	0.020191
-4.67E-06	-0.011525	-0.031413	
0.56337	-0.019050	0.018992	0.020191
-4.67E-06	-0.019991	-0.039377	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001738	-0.182195	-0.099412
1.14E-05	0.062492	0.038945	
0.14084	0.001738	-0.182195	-0.099412
1.14E-05	-0.020806	0.110346	
0.28168	0.001738	-0.182195	-0.099412
1.14E-05	0.020880	0.186746	
0.42252	0.001738	-0.182195	-0.099412
1.14E-05	0.062567	0.263146	
0.56337	0.001738	-0.182195	-0.099412
1.14E-05	0.104253	0.339546	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093072	1.614972	0.393904
-2.28E-05	0.246858	-0.514712	
0.14084	0.093072	1.614972	0.393904
-2.28E-05	0.081681	-1.191919	
0.28168	0.093072	1.614972	0.393904
-2.28E-05	-0.083495	-1.869127	
0.42252	0.093072	1.614972	0.393904
-2.28E-05	-0.248671	-2.546334	
0.56337	0.093072	1.614972	0.393904
-2.28E-05	-0.413847	-3.223542	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.145580	-2.884886	-0.006606
1.25E-06	-0.004205	0.992532	
0.14084	-0.145580	-2.884886	-0.006606
1.25E-06	-0.001434	2.202254	
0.28168	-0.145580	-2.884886	-0.006606
1.25E-06	0.001336	3.411975	
0.42252	-0.145580	-2.884886	-0.006606
1.25E-06	0.004106	4.621697	
0.56337	-0.145580	-2.884886	-0.006606
1.25E-06	0.006876	5.831418	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096731	1.570103	-0.366745
1.85E-05	-0.229489	-0.527674	
0.14084	0.096731	1.570103	-0.366745
1.85E-05	-0.075701	-1.186067	
0.28168	0.096731	1.570103	-0.366745
1.85E-05	0.078087	-1.844460	
0.42252	0.096731	1.570103	-0.366745
1.85E-05	0.231874	-2.502852	
0.56337	0.096731	1.570103	-0.366745
1.85E-05	0.385662	-3.161245	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026911	-0.136986	0.058668
-3.59E-06	0.035453	0.023430	
0.14084	-0.026911	-0.136986	0.058668
-3.59E-06	0.010851	0.080872	
0.28168	-0.026911	-0.136986	0.058668
-3.59E-06	-0.013750	0.138315	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
673

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-0.026911	-0.136986	0.058668
-3.59E-06	-0.038351	0.195758	
0.56337	-0.026911	-0.136986	0.058668
-3.59E-06	-0.062953	0.253200	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.170753	3.204068	0.047349
-9.02E-06	0.031244	-1.049907	
0.14084	0.170753	3.204068	0.047349
-9.02E-06	0.011389	-2.393471	
0.28168	0.170753	3.204068	0.047349
-9.02E-06	-0.008466	-3.737036	
0.42252	0.170753	3.204068	0.047349
-9.02E-06	-0.028321	-5.080600	
0.56337	0.170753	3.204068	0.047349
-9.02E-06	-0.048176	-6.424164	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170753	-3.204068	-0.047349
9.02E-06	-0.031244	1.049907	
0.14084	-0.170753	-3.204068	-0.047349
9.02E-06	-0.011389	2.393471	
0.28168	-0.170753	-3.204068	-0.047349
9.02E-06	0.008466	3.737036	
0.42252	-0.170753	-3.204068	-0.047349
9.02E-06	0.028321	5.080600	
0.56337	-0.170753	-3.204068	-0.047349
9.02E-06	0.048176	6.424164	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.170753	3.204068	0.393904
1.85E-05	0.246858	1.049907	
0.14084	0.170753	3.204068	0.393904
1.85E-05	0.081681	2.393471	
0.28168	0.170753	3.204068	0.393904
1.85E-05	0.078087	3.737036	
0.42252	0.170753	3.204068	0.393904
1.85E-05	0.231874	5.080600	
0.56337	0.170753	3.204068	0.393904
1.85E-05	0.385662	6.424164	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.170753	-3.204068	-0.366745
-2.28E-05	-0.229489	-1.049907	
0.14084	-0.170753	-3.204068	-0.366745
-2.28E-05	-0.075701	-2.393471	
0.28168	-0.170753	-3.204068	-0.366745
-2.28E-05	-0.083495	-3.737036	
0.42252	-0.170753	-3.204068	-0.366745
-2.28E-05	-0.248671	-5.080600	
0.56337	-0.170753	-3.204068	-0.366745
-2.28E-05	-0.413847	-6.424164	

ELEM 346 ========== LENGTH = 2.976630

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.002273	-0.046792	0.006068
-2.61E-06	0.007715	-0.070399	
0.57755	-0.002273	-0.046792	0.006068
-2.61E-06	0.005171	-0.050785	
0.71837	-0.002273	-0.046792	0.006068
-2.61E-06	0.002628	-0.031172	
0.85918	-0.002273	-0.046792	0.006068
-2.61E-06	8.42E-05	-0.011559	
1.00000	-0.002273	-0.046792	0.006068
-2.61E-06	-0.002459	0.008054	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
674

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.005256	-0.104413	-0.074731
8.65E-07	-0.080860	-0.134310	
0.57755	-0.005256	-0.104413	-0.074731
8.65E-07	-0.049536	-0.090544	
0.71837	-0.005256	-0.104413	-0.074731
8.65E-07	-0.018211	-0.046779	
0.85918	-0.005256	-0.104413	-0.074731
8.65E-07	0.013113	-0.003013	
1.00000	-0.005256	-0.104413	-0.074731
8.65E-07	0.044437	0.040752	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.076481	1.274283	0.303128
1.21E-05	0.327197	1.590521	
0.57755	0.076481	1.274283	0.303128
1.21E-05	0.201839	1.056886	
0.71837	0.076481	1.274283	0.303128
1.21E-05	0.073081	0.522270	
0.85918	0.076481	1.274283	0.303128
1.21E-05	-0.053977	-0.011855	
1.00000	0.076481	1.274283	0.303128
1.21E-05	-0.181036	-0.545980	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.074437	-2.331483	0.104990
1.96E-05	0.112572	-2.909444	
0.57755	-0.074437	-2.331483	0.104990
1.96E-05	0.068565	-1.932186	
0.71837	-0.074437	-2.331483	0.104990
1.96E-05	0.024557	-0.954927	
0.85918	-0.074437	-2.331483	0.104990
1.96E-05	-0.019450	0.022332	
1.00000	-0.074437	-2.331483	0.104990
1.96E-05	-0.063457	0.999591	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.044332	1.256644	-0.417850
-3.42E-05	-0.449907	1.601470	
0.57755	0.044332	1.256644	-0.417850
-3.42E-05	-0.274762	1.074738	
0.71837	0.044332	1.256644	-0.417850
-3.42E-05	-0.099617	0.548006	
0.85918	0.044332	1.256644	-0.417850
-3.42E-05	0.075528	0.021274	
1.00000	0.044332	1.256644	-0.417850
-3.42E-05	0.250673	-0.505458	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.038847	-0.048238	0.078395
4.20E-06	0.083283	-0.077837	
0.57755	-0.038847	-0.048238	0.078395
4.20E-06	0.050423	-0.057618	
0.71837	-0.038847	-0.048238	0.078395
4.20E-06	0.017563	-0.037398	
0.85918	-0.038847	-0.048238	0.078395
4.20E-06	-0.015297	-0.017179	
1.00000	-0.038847	-0.048238	0.078395
4.20E-06	-0.048157	0.003041	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.118540	2.484135	-0.108654
-2.47E-05	-0.114995	3.121592	
0.57755	0.118540	2.484135	-0.108654
-2.47E-05	-0.069452	2.080348	
0.71837	0.118540	2.484135	-0.108654
-2.47E-05	-0.023909	1.039104	
0.85918	0.118540	2.484135	-0.108654
-2.47E-05	0.021635	-0.002140	
1.00000	0.118540	2.484135	-0.108654
-2.47E-05	0.067178	-1.043384	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
675

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.118540	-2.484135	0.108654
2.47E-05	0.114995	-3.121592	
0.57755	-0.118540	-2.484135	0.108654
2.47E-05	0.069452	-2.080348	
0.71837	-0.118540	-2.484135	0.108654
2.47E-05	0.023909	-1.039104	
0.85918	-0.118540	-2.484135	0.108654
2.47E-05	-0.021635	0.002140	
1.00000	-0.118540	-2.484135	0.108654
2.47E-05	-0.067178	1.043384	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.118540	2.484135	0.303128
2.47E-05	0.327197	3.121592	
0.57755	0.118540	2.484135	0.303128
2.47E-05	0.200139	2.080348	
0.71837	0.118540	2.484135	0.303128
2.47E-05	0.073081	1.039104	
0.85918	0.118540	2.484135	0.303128
2.47E-05	0.075520	0.022332	
1.00000	0.118540	2.484135	0.303128
2.47E-05	0.250673	1.043384	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.118540	-2.484135	-0.417850
-3.42E-05	-0.449907	-3.121592	
0.57755	-0.118540	-2.484135	-0.417850
-3.42E-05	-0.274762	-2.080348	
0.71837	-0.118540	-2.484135	-0.417850
-3.42E-05	-0.099617	-1.039104	
0.85918	-0.118540	-2.484135	-0.417850
-3.42E-05	-0.053977	-0.017179	
1.00000	-0.118540	-2.484135	-0.417850
-3.42E-05	-0.181036	-1.043384	

ELEM 347 ========== LENGTH = 2.977599

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005185	-0.046126	0.015417
-3.13E-06	0.010321	0.008599	
0.14085	-0.005185	-0.046126	0.015417
-3.13E-06	0.003855	0.027945	
0.28170	-0.005185	-0.046126	0.015417
-3.13E-06	-0.002611	0.047290	
0.42255	-0.005185	-0.046126	0.015417
-3.13E-06	-0.009077	0.066635	
0.56341	-0.005185	-0.046126	0.015417
-3.13E-06	-0.015543	0.085980	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015700	-0.118430	-0.075159
1.00E-05	-0.044761	0.037600	
0.14085	0.015700	-0.118430	-0.075159
1.00E-05	-0.013239	0.087269	
0.28170	0.015700	-0.118430	-0.075159
1.00E-05	0.018283	0.136939	
0.42255	0.015700	-0.118430	-0.075159
1.00E-05	0.049804	0.186608	
0.56341	0.015700	-0.118430	-0.075159
1.00E-05	0.081326	0.236278	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007137	1.332368	0.299337
-2.64E-05	0.177580	-0.534327	
0.14085	-0.007137	1.332368	0.299337
-2.64E-05	0.052038	-1.093122	
0.28170	-0.007137	1.332368	0.299337
-2.64E-05	-0.073504	-1.651916	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
676

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-0.007137	1.332368	0.299337
-2.64E-05	-0.198046	-2.210711	
0.56341	-0.007137	1.332368	0.299337
-2.64E-05	-0.324588	-2.769505	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050993	-2.432833	0.101309
8.47E-06	0.060663	0.981991	
0.14085	-0.050993	-2.432833	0.101309
8.47E-06	0.018174	2.002320	
0.28170	-0.050993	-2.432833	0.101309
8.47E-06	-0.024315	3.022650	
0.42255	-0.050993	-2.432833	0.101309
8.47E-06	-0.066804	4.042979	
0.56341	-0.050993	-2.432833	0.101309
8.47E-06	-0.109293	5.063309	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095197	1.330257	-0.407514
1.70E-05	-0.242048	-0.495406	
0.14085	0.095197	1.330257	-0.407514
1.70E-05	-0.071136	-1.053315	
0.28170	0.095197	1.330257	-0.407514
1.70E-05	0.099775	-1.611225	
0.42255	0.095197	1.330257	-0.407514
1.70E-05	0.270686	-2.169134	
0.56341	0.095197	1.330257	-0.407514
1.70E-05	0.441598	-2.727044	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047583	-0.065236	0.066610
-5.98E-06	0.038245	0.001543	
0.14085	-0.047583	-0.065236	0.066610
-5.98E-06	0.010309	0.028903	
0.28170	-0.047583	-0.065236	0.066610
-5.98E-06	-0.017627	0.056263	
0.42255	-0.047583	-0.065236	0.066610
-5.98E-06	-0.045563	0.083623	
0.56341	-0.047583	-0.065236	0.066610
-5.98E-06	-0.073499	0.110983	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082875	2.616499	-0.092759
-1.25E-05	-0.054147	-1.021134	
0.14085	0.082875	2.616499	-0.092759
-1.25E-05	-0.015244	-2.118492	
0.28170	0.082875	2.616499	-0.092759
-1.25E-05	0.023660	-3.215851	
0.42255	0.082875	2.616499	-0.092759
-1.25E-05	0.062563	-4.313210	
0.56341	0.082875	2.616499	-0.092759
-1.25E-05	0.101466	-5.410569	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082875	-2.616499	0.092759
1.25E-05	0.054147	1.021134	
0.14085	-0.082875	-2.616499	0.092759
1.25E-05	0.015244	2.118492	
0.28170	-0.082875	-2.616499	0.092759
1.25E-05	-0.023660	3.215851	
0.42255	-0.082875	-2.616499	0.092759
1.25E-05	-0.062563	4.313210	
0.56341	-0.082875	-2.616499	0.092759
1.25E-05	-0.101466	5.410569	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.095197	2.616499	0.299337
1.70E-05	0.177580	1.021134	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
677

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.095197	2.616499	0.299337
1.70E-05	0.052038	2.118492	
0.28170	0.095197	2.616499	0.299337
1.70E-05	0.099775	3.215851	
0.42255	0.095197	2.616499	0.299337
1.70E-05	0.270686	4.313210	
0.56341	0.095197	2.616499	0.299337
1.70E-05	0.441598	5.410569	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082875	-2.616499	-0.407514
-2.64E-05	-0.242048	-1.021134	
0.14085	-0.082875	-2.616499	-0.407514
-2.64E-05	-0.071136	-2.118492	
0.28170	-0.082875	-2.616499	-0.407514
-2.64E-05	-0.073504	-3.215851	
0.42255	-0.082875	-2.616499	-0.407514
-2.64E-05	-0.199046	-4.313210	
0.56341	-0.082875	-2.616499	-0.407514
-2.64E-05	-0.324588	-5.410569	

ELEM 348 ========== LENGTH = 2.978075

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.005839	-0.053826	0.002486
-1.20E-06	0.003771	-0.066325	
0.57739	0.005839	-0.053826	0.002486
-1.20E-06	0.002728	-0.043744	
0.71826	0.005839	-0.053826	0.002486
-1.20E-06	0.001686	-0.021162	
0.85913	0.005839	-0.053826	0.002486
-1.20E-06	0.000643	0.001419	
1.00000	0.005839	-0.053826	0.002486
-1.20E-06	-0.000400	0.024000	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.006528	-0.069438	-0.045733
8.94E-07	-0.051090	-0.084505	
0.57739	0.006528	-0.069438	-0.045733
8.94E-07	-0.031904	-0.055375	
0.71826	0.006528	-0.069438	-0.045733
8.94E-07	-0.012718	-0.026245	
0.85913	0.006528	-0.069438	-0.045733
8.94E-07	0.006468	0.002886	
1.00000	0.006528	-0.069438	-0.045733
8.94E-07	0.025654	0.032016	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.041992	0.864571	0.189727
2.56E-06	0.211274	0.937222	
0.57739	-0.041992	0.864571	0.189727
2.56E-06	0.131680	0.574518	
0.71826	-0.041992	0.864571	0.189727
2.56E-06	0.052086	0.211815	
0.85913	-0.041992	0.864571	0.189727
2.56E-06	-0.027508	-0.150889	
1.00000	-0.041992	0.864571	0.189727
2.56E-06	-0.107102	-0.513593	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.077583	-1.591620	0.235741
4.08E-05	0.263390	-1.756012	
0.57739	0.077583	-1.591620	0.235741
4.08E-05	0.164492	-1.088298	
0.71826	0.077583	-1.591620	0.235741
4.08E-05	0.065595	-0.420584	
0.85913	0.077583	-1.591620	0.235741
4.08E-05	-0.033303	0.247131	
1.00000	0.077583	-1.591620	0.235741
4.08E-05	-0.132201	0.914845	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
678

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.007003	0.851737	-0.465151
-4.66E-05	-0.518877	0.988992	
0.57739	-0.007003	0.851737	-0.465151
-4.66E-05	-0.323737	0.641673	
0.71826	-0.007003	0.851737	-0.465151
-4.66E-05	-0.128598	0.294353	
0.85913	-0.007003	0.851737	-0.465151
-4.66E-05	0.066542	-0.052966	
1.00000	-0.007003	0.851737	-0.465151
-4.66E-05	0.261681	-0.430285	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.040955	-0.001424	0.082930
3.60E-06	0.040951	-0.029372	
0.57739	-0.040955	-0.001424	0.082930
3.60E-06	0.056740	-0.028775	
0.71826	-0.040955	-0.001424	0.082930
3.60E-06	0.021950	-0.028177	
0.85913	-0.040955	-0.001424	0.082930
3.60E-06	-0.012841	-0.027580	
1.00000	-0.040955	-0.001424	0.082930
3.60E-06	-0.047631	-0.026983	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.043156	1.662481	-0.272938
-4.53E-05	-0.303831	1.869889	
0.57739	-0.043156	1.662481	-0.272938
-4.53E-05	-0.189329	1.172447	
0.71826	-0.043156	1.662481	-0.272938
-4.53E-05	-0.074826	0.475005	
0.85913	-0.043156	1.662481	-0.272938
-4.53E-05	0.039676	-0.222436	
1.00000	-0.043156	1.662481	-0.272938
-4.53E-05	0.154179	-0.919878	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.043156	-1.662481	0.272938
4.53E-05	0.303831	-1.869889	
0.57739	0.043156	-1.662481	0.272938
4.53E-05	0.189329	-1.172447	
0.71826	0.043156	-1.662481	0.272938
4.53E-05	0.074826	-0.475005	
0.85913	0.043156	-1.662481	0.272938
4.53E-05	-0.039676	0.222436	
1.00000	0.043156	-1.662481	0.272938
4.53E-05	-0.154179	0.919878	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.077583	1.662481	0.272938
4.53E-05	0.303831	1.869889	
0.57739	0.077583	1.662481	0.272938
4.53E-05	0.189329	1.172447	
0.71826	0.077583	1.662481	0.272938
4.53E-05	0.074826	0.475005	
0.85913	0.077583	1.662481	0.272938
4.53E-05	0.066542	0.247131	
1.00000	0.077583	1.662481	0.272938
4.53E-05	0.261681	0.919878	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.043156	-1.662481	-0.465151
-4.66E-05	-0.518877	-1.869889	
0.57739	-0.043156	-1.662481	-0.465151
-4.66E-05	-0.323737	-1.172447	
0.71826	-0.043156	-1.662481	-0.465151
-4.66E-05	-0.128598	-0.475005	
0.85913	-0.043156	-1.662481	-0.465151
-4.66E-05	-0.039676	-0.222436	
1.00000	-0.043156	-1.662481	-0.465151
-4.66E-05	0.154179	-0.919878	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
679

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 349 ========== LENGTH = 2.977112

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004904	-0.049720	0.009649
-1.92E-06	0.006404	0.024589	
0.14085	0.004904	-0.049720	0.009649
-1.92E-06	0.002358	0.045436	
0.28167	0.004904	-0.049720	0.009649
-1.92E-06	-0.001687	0.066282	
0.42250	0.004904	-0.049720	0.009649
-1.92E-06	-0.005733	0.087129	
0.56334	0.004904	-0.049720	0.009649
-1.92E-06	-0.009778	0.107976	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012609	-0.090442	-0.046081
7.27E-06	0.028869	0.028583	
0.14083	0.012609	-0.090442	-0.046081
7.27E-06	-0.006549	0.066603	
0.28167	0.012609	-0.090442	-0.046081
7.27E-06	0.012772	0.104624	
0.42250	0.012609	-0.090442	-0.046081
7.27E-06	0.032093	0.142644	
0.56334	0.012609	-0.090442	-0.046081
7.27E-06	0.051413	0.180665	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065100	0.939732	0.186628
-2.23E-05	0.104127	-0.501345	
0.14083	-0.065100	0.939732	0.186628
-2.23E-05	0.025878	-0.895354	
0.28167	-0.065100	0.939732	0.186628
-2.23E-05	-0.052371	-1.289363	
0.42250	-0.065100	0.939732	0.186628
-2.23E-05	-0.130620	-1.683371	
0.56334	-0.065100	0.939732	0.186628
-2.23E-05	-0.208869	-2.077380	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114998	-1.704104	0.233993
4.45E-06	0.130489	0.897222	
0.14083	0.114998	-1.704104	0.233993
4.45E-06	0.032381	1.611715	
0.28167	0.114998	-1.704104	0.233993
4.45E-06	-0.065728	2.326208	
0.42250	0.114998	-1.704104	0.233993
4.45E-06	-0.163636	3.040701	
0.56334	0.114998	-1.704104	0.233993
4.45E-06	-0.261944	3.755194	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029607	0.916031	-0.457859
2.02E-05	-0.254899	-0.421433	
0.14083	-0.029607	0.916031	-0.457859
2.02E-05	-0.062929	-0.805505	
0.28167	-0.029607	0.916031	-0.457859
2.02E-05	0.129041	-1.189576	
0.42250	-0.029607	0.916031	-0.457859
2.02E-05	0.321011	-1.573648	
0.56334	-0.029607	0.916031	-0.457859
2.02E-05	0.512982	-1.957719	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.037804	-0.011497	0.073670
-7.63E-06	0.039749	-0.027716	
0.14083	-0.037804	-0.011497	0.073670
-7.63E-06	0.008861	-0.022896	
0.28167	-0.037804	-0.011497	0.073670
-7.63E-06	-0.022027	-0.018075	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
680

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	-0.037804	-0.011497	0.073670
-7.63E-06	-0.052915	-0.013255	
0.56334	-0.037804	-0.011497	0.073670
-7.63E-06	-0.083804	-0.008435	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089803	1.806043	-0.261583
-4.10E-06	-0.144369	-0.898189	
0.14083	-0.089803	1.806043	-0.261583
-4.10E-06	-0.034693	-1.655423	
0.28167	-0.089803	1.806043	-0.261583
-4.10E-06	0.074983	-2.412656	
0.42250	-0.089803	1.806043	-0.261583
-4.10E-06	0.184659	-3.169890	
0.56334	-0.089803	1.806043	-0.261583
-4.10E-06	0.294335	-3.927124	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.089803	-1.806043	0.261583
4.10E-06	0.144369	0.898189	
0.14083	0.089803	-1.806043	0.261583
4.10E-06	0.034693	1.655423	
0.28167	0.089803	-1.806043	0.261583
4.10E-06	-0.074983	2.412656	
0.42250	0.089803	-1.806043	0.261583
4.10E-06	-0.184659	3.169890	
0.56334	0.089803	-1.806043	0.261583
4.10E-06	-0.294335	3.927124	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114998	1.806043	0.261583
2.02E-05	0.144369	0.898189	
0.14083	0.114998	1.806043	0.261583
2.02E-05	0.034693	1.655423	
0.28167	0.114998	1.806043	0.261583
2.02E-05	0.129041	2.412656	
0.42250	0.114998	1.806043	0.261583
2.02E-05	0.321011	3.169890	
0.56334	0.114998	1.806043	0.261583
2.02E-05	0.512982	3.927124	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089803	-1.806043	-0.457859
-2.23E-05	-0.254899	-0.898189	
0.14083	-0.089803	-1.806043	-0.457859
-2.23E-05	-0.062929	-1.655423	
0.28167	-0.089803	-1.806043	-0.457859
-2.23E-05	-0.074983	-2.412656	
0.42250	-0.089803	-1.806043	-0.457859
-2.23E-05	-0.184659	-3.169890	
0.56334	-0.089803	-1.806043	-0.457859
-2.23E-05	-0.294335	-3.927124	

ELEM 350 ========== LENGTH = 2.976671

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	0.005406	-0.035148	-0.000359
-4.31E-07	0.000333	-0.035518	
0.57755	0.005406	-0.035148	-0.000359
-4.31E-07	0.000484	-0.020285	
0.71836	0.005406	-0.035148	-0.000359
-4.31E-07	0.000634	-0.005552	
0.85918	0.005406	-0.035148	-0.000359
-4.31E-07	0.000785	0.009181	
1.00000	0.005406	-0.035148	-0.000359
-4.31E-07	0.000935	0.023914	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
681

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	0.005821	-0.063493	-0.023785
1.05E-06	-0.026407	-0.068102	
0.57755	0.005821	-0.063493	-0.023785
1.05E-06	-0.016437	-0.041488	
0.71836	0.005821	-0.063493	-0.023785
1.05E-06	-0.006467	-0.014873	
0.85918	0.005821	-0.063493	-0.023785
1.05E-06	0.003503	0.011741	
1.00000	0.005821	-0.063493	-0.023785
1.05E-06	0.013473	0.038355	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-0.050431	0.592939	0.105249
-3.15E-06	0.116352	0.518256	
0.57755	-0.050431	0.592939	0.105249
-3.15E-06	-0.037235	0.269716	
0.71836	-0.050431	0.592939	0.105249
-3.15E-06	0.028118	0.021175	
0.85918	-0.050431	0.592939	0.105249
-3.15E-06	-0.015999	-0.227366	
1.00000	-0.050431	0.592939	0.105249
-3.15E-06	-0.060116	-0.475907	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	0.103135	-1.031398	0.357470
5.28E-05	0.398456	-0.936210	
0.57755	0.103135	-1.031398	0.357470
5.28E-05	0.248617	-0.503881	
0.71836	0.103135	-1.031398	0.357470
5.28E-05	0.098777	-0.071552	
0.85918	0.103135	-1.031398	0.357470
5.28E-05	-0.051063	0.360777	
1.00000	0.103135	-1.031398	0.357470
5.28E-05	-0.200902	0.793105	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-0.033036	0.513641	-0.524247
-5.46E-05	-0.583383	0.541547	
0.57755	-0.033036	0.513641	-0.524247
-5.46E-05	-0.363635	0.326245	
0.71836	-0.033036	0.513641	-0.524247
-5.46E-05	-0.143888	0.110943	
0.85918	-0.033036	0.513641	-0.524247
-5.46E-05	0.075860	-0.104358	
1.00000	-0.033036	0.513641	-0.524247
-5.46E-05	0.295607	-0.319660	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-0.030895	0.023460	0.085673
4.37E-06	0.094648	-0.020474	
0.57755	-0.030895	0.023460	0.085673
4.37E-06	0.058737	-0.030307	
0.71836	-0.030895	0.023460	0.085673
4.37E-06	0.022826	-0.040141	
0.85918	-0.030895	0.023460	0.085673
4.37E-06	-0.013086	-0.049974	
1.00000	-0.030895	0.023460	0.085673
4.37E-06	-0.048997	-0.059808	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-0.078061	1.071432	-0.419357
-5.82E-05	-0.466698	1.024785	
0.57755	-0.078061	1.071432	-0.419357
-5.82E-05	-0.290917	0.575676	
0.71836	-0.078061	1.071432	-0.419357
-5.82E-05	-0.115136	0.126566	
0.85918	-0.078061	1.071432	-0.419357
-5.82E-05	0.060645	-0.322543	
1.00000	-0.078061	1.071432	-0.419357
-5.82E-05	0.236426	-0.771653	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
682

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43673	0.078061	-1.071432	0.419357
5.82E-05	0.466698	-1.024785	
0.57755	0.078061	-1.071432	0.419357
5.82E-05	0.290917	-0.575676	
0.71836	0.078061	-1.071432	0.419357
5.82E-05	0.115136	-0.126566	
0.85918	0.078061	-1.071432	0.419357
5.82E-05	-0.060645	0.322543	
1.00000	0.078061	-1.071432	0.419357
5.82E-05	-0.236426	0.771653	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43673	0.103135	1.071432	0.419357
5.82E-05	0.466698	1.024785	
0.57755	0.103135	1.071432	0.419357
5.82E-05	0.290917	0.575676	
0.71836	0.103135	1.071432	0.419357
5.82E-05	0.115136	0.126566	
0.85918	0.103135	1.071432	0.419357
5.82E-05	0.075860	0.360777	
1.00000	0.103135	1.071432	0.419357
5.82E-05	0.295607	0.793105	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43673	-0.078061	-1.071432	-0.524247
-5.82E-05	-0.583383	-1.024785	
0.57755	-0.078061	-1.071432	-0.524247
-5.82E-05	-0.363635	-0.575676	
0.71836	-0.078061	-1.071432	-0.524247
-5.82E-05	-0.143888	-0.126566	
0.85918	-0.078061	-1.071432	-0.524247
-5.82E-05	-0.060645	-0.322543	
1.00000	-0.078061	-1.071432	-0.524247
-5.82E-05	-0.236426	-0.771653	

ELEM 351 ========== LENGTH = 2.977629

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004837	-0.037547	0.005067
-7.45E-07	0.003611	0.024486	
0.14085	0.004837	-0.037547	0.005067
-7.45E-07	0.001486	0.040234	
0.28171	0.004837	-0.037547	0.005067
-7.45E-07	-0.000639	0.055981	
0.42256	0.004837	-0.037547	0.005067
-7.45E-07	-0.002764	0.071729	
0.56341	0.004837	-0.037547	0.005067
-7.45E-07	-0.004890	0.087476	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009857	-0.049785	-0.023787
3.91E-06	-0.013473	0.035137	
0.14085	0.009857	-0.049785	-0.023787
3.91E-06	-0.003496	0.056017	
0.28171	0.009857	-0.049785	-0.023787
3.91E-06	0.006480	0.076897	
0.42256	0.009857	-0.049785	-0.023787
3.91E-06	0.016457	0.097777	
0.56341	0.009857	-0.049785	-0.023787
3.91E-06	0.026433	0.118657	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066119	0.542186	0.101285
-1.39E-05	0.056795	-0.464111	
0.14085	-0.066119	0.542186	0.101285
-1.39E-05	0.014315	-0.691508	
0.28171	-0.066119	0.542186	0.101285
-1.39E-05	-0.028164	-0.918905	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
683

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	-0.066119	0.542186	0.101285
-1.39E-05	-0.169644	-1.146301	
0.56341	-0.066119	0.542186	0.101285
-1.39E-05	-0.113124	-1.373698	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124085	-0.971796	0.355288
-5.30E-06	0.198896	0.777236	
0.14085	0.124085	-0.971796	0.355288
-5.30E-06	0.049886	1.184814	
0.28171	0.124085	-0.971796	0.355288
-5.30E-06	-0.099125	1.592393	
0.42256	0.124085	-0.971796	0.355288
-5.30E-06	-0.248135	1.999971	
0.56341	0.124085	-0.971796	0.355288
-5.30E-06	-0.397145	2.407549	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042500	0.504129	-0.515995
2.52E-05	-0.288495	-0.313330	
0.14085	-0.042500	0.504129	-0.515995
2.52E-05	-0.072083	-0.524766	
0.28171	-0.042500	0.504129	-0.515995
2.52E-05	0.144329	-0.736201	
0.42256	-0.042500	0.504129	-0.515995
2.52E-05	0.360741	-0.947636	
0.56341	-0.042500	0.504129	-0.515995
2.52E-05	0.577153	-1.159072	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030160	0.012813	0.078142
-9.22E-06	0.042665	-0.059418	
0.14085	-0.030160	0.012813	0.078142
-9.22E-06	0.009892	-0.064792	
0.28171	-0.030160	0.012813	0.078142
-9.22E-06	-0.022881	-0.070165	
0.42256	-0.030160	0.012813	0.078142
-9.22E-06	-0.055654	-0.075539	
0.56341	-0.030160	0.012813	0.078142
-9.22E-06	-0.088428	-0.080913	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103783	1.008768	-0.409642
1.06E-05	-0.228089	-0.752955	
0.14085	-0.103783	1.008768	-0.409642
1.06E-05	-0.056282	-1.176040	
0.28171	-0.103783	1.008768	-0.409642
1.06E-05	0.115525	-1.599124	
0.42256	-0.103783	1.008768	-0.409642
1.06E-05	0.287332	-2.022209	
0.56341	-0.103783	1.008768	-0.409642
1.06E-05	0.459139	-2.445293	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103783	-1.008768	0.409642
-1.06E-05	0.228089	0.752955	
0.14085	0.103783	-1.008768	0.409642
-1.06E-05	0.056282	1.176040	
0.28171	0.103783	-1.008768	0.409642
-1.06E-05	-0.115525	1.599124	
0.42256	0.103783	-1.008768	0.409642
-1.06E-05	-0.287332	2.022209	
0.56341	0.103783	-1.008768	0.409642
-1.06E-05	-0.459139	2.445293	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.124085	1.008768	0.409642
2.52E-05	0.228089	0.777236	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
684

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.124085	1.008768	0.409642
2.52E-05	0.056282	1.184814	
0.28171	0.124085	1.008768	0.409642
2.52E-05	0.144329	1.599124	
0.42256	0.124085	1.008768	0.409642
2.52E-05	0.360741	2.022209	
0.56341	0.124085	1.008768	0.409642
2.52E-05	0.577153	2.445293	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.103783	-1.008768	-0.515995
-1.39E-05	-0.288495	-0.752955	
0.14085	-0.103783	-1.008768	-0.515995
-1.39E-05	-0.072083	-1.176040	
0.28171	-0.103783	-1.008768	-0.515995
-1.39E-05	-0.115525	-1.599124	
0.42256	-0.103783	-1.008768	-0.515995
-1.39E-05	-0.287332	-2.022209	
0.56341	-0.103783	-1.008768	-0.515995
-1.39E-05	-0.459139	-2.445293	

ELEM 352 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.003072	-0.025086	-0.003070
9.77E-08	-0.002871	-0.016203	
0.57748	0.003072	-0.025086	-0.003070
9.77E-08	-0.001584	-0.007684	
0.71832	0.003072	-0.025086	-0.003070
9.77E-08	-0.000297	0.002835	
0.85916	0.003072	-0.025086	-0.003070
9.77E-08	0.000990	0.013354	
1.00000	0.003072	-0.025086	-0.003070
9.77E-08	0.002277	0.023873	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.000826	-0.021875	-0.003785
7.33E-07	-0.004135	-0.024641	
0.57748	0.000826	-0.021875	-0.003785
7.33E-07	-0.002548	-0.015468	
0.71832	0.000826	-0.021875	-0.003785
7.33E-07	-0.000961	-0.006295	
0.85916	0.000826	-0.021875	-0.003785
7.33E-07	0.000626	0.002877	
1.00000	0.000826	-0.021875	-0.003785
7.33E-07	0.002213	0.012050	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.014322	0.281862	0.028207
-4.80E-06	0.030687	0.170723	
0.57748	-0.014322	0.281862	0.028207
-4.80E-06	0.018859	0.052534	
0.71832	-0.014322	0.281862	0.028207
-4.80E-06	0.007031	-0.065655	
0.85916	-0.014322	0.281862	0.028207
-4.80E-06	-0.004796	-0.183844	
1.00000	-0.014322	0.281862	0.028207
-4.80E-06	-0.016624	-0.302033	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.040370	-0.477867	0.455428
5.59E-05	0.507775	-0.323577	
0.57748	0.040370	-0.477867	0.455428
5.59E-05	0.316807	-0.123200	
0.71832	0.040370	-0.477867	0.455428
5.59E-05	0.125840	0.077176	
0.85916	0.040370	-0.477867	0.455428
5.59E-05	-0.065128	0.277553	
1.00000	0.040370	-0.477867	0.455428
5.59E-05	-0.256095	0.477929	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
685

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.006486	0.204902	-0.555416
-5.53E-05	-0.618662	0.223637	
0.57748	-0.006486	0.204902	-0.555416
-5.53E-05	-0.385768	0.137718	
0.71832	-0.006486	0.204902	-0.555416
-5.53E-05	-0.152874	0.051800	
0.85916	-0.006486	0.204902	-0.555416
-5.53E-05	0.080020	-0.034118	
1.00000	-0.006486	0.204902	-0.555416
-5.53E-05	0.312913	-0.120037	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.023461	0.038064	0.078635
3.41E-06	0.087207	0.027640	
0.57748	-0.023461	0.038064	0.078635
3.41E-06	0.054234	-0.043901	
0.71832	-0.023461	0.038064	0.078635
3.41E-06	0.021261	-0.059861	
0.85916	-0.023461	0.038064	0.078635
3.41E-06	-0.011712	-0.075822	
1.00000	-0.023461	0.038064	0.078635
3.41E-06	-0.044685	-0.091783	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.017735	0.461678	-0.530278
-6.00E-05	-0.590847	0.376157	
0.57748	-0.017735	0.461678	-0.530278
-6.00E-05	-0.368493	0.182569	
0.71832	-0.017735	0.461678	-0.530278
-6.00E-05	-0.146140	-0.011020	
0.85916	-0.017735	0.461678	-0.530278
-6.00E-05	0.076214	-0.204608	
1.00000	-0.017735	0.461678	-0.530278
-6.00E-05	0.298567	-0.398196	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.017735	-0.461678	0.530278
6.00E-05	0.590847	-0.376157	
0.57748	0.017735	-0.461678	0.530278
6.00E-05	0.368493	-0.182569	
0.71832	0.017735	-0.461678	0.530278
6.00E-05	0.146140	0.011020	
0.85916	0.017735	-0.461678	0.530278
6.00E-05	-0.076214	0.204608	
1.00000	0.017735	-0.461678	0.530278
6.00E-05	-0.298567	0.398196	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43664	0.040370	0.461678	0.530278
6.00E-05	0.590847	0.376157	
0.57748	0.040370	0.461678	0.530278
6.00E-05	0.368493	0.182569	
0.71832	0.040370	0.461678	0.530278
6.00E-05	0.146140	0.077176	
0.85916	0.040370	0.461678	0.530278
6.00E-05	0.080020	0.277553	
1.00000	0.040370	0.461678	0.530278
6.00E-05	0.312913	0.477929	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43664	-0.023461	-0.477867	-0.555416
-6.00E-05	-0.618662	-0.376157	
0.57748	-0.023461	-0.477867	-0.555416
-6.00E-05	-0.385768	-0.182569	
0.71832	-0.023461	-0.477867	-0.555416
-6.00E-05	-0.152874	-0.065655	
0.85916	-0.023461	-0.477867	-0.555416
-6.00E-05	-0.076214	-0.204608	
1.00000	-0.023461	-0.477867	-0.555416
-6.00E-05	-0.298567	-0.398196	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
686

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 353 ========== LENGTH = 2.977259

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002218	-0.021528	0.001027
1.02E-07	0.001156	0.024376	
0.14084	0.002218	-0.021528	0.001027
1.02E-07	0.000725	0.033403	
0.28168	0.002218	-0.021528	0.001027
1.02E-07	0.000294	0.042430	
0.42252	0.002218	-0.021528	0.001027
1.02E-07	-0.000137	0.051457	
0.56336	0.002218	-0.021528	0.001027
1.02E-07	-0.000567	0.060484	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006201	-0.041285	-0.003805
1.08E-06	0.002733	0.018543	
0.14084	0.006201	-0.041285	-0.003805
1.08E-06	-0.000637	0.026554	
0.28168	0.006201	-0.041285	-0.003805
1.08E-06	0.000958	0.043866	
0.42252	0.006201	-0.041285	-0.003805
1.08E-06	0.002554	0.061177	
0.56336	0.006201	-0.041285	-0.003805
1.08E-06	0.004149	0.078488	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034748	0.352422	0.025120
-5.70E-06	0.014064	-0.291764	
0.14084	-0.034748	0.352422	0.025120
-5.70E-06	0.003531	-0.439539	
0.28168	-0.034748	0.352422	0.025120
-5.70E-06	-0.007003	-0.587315	
0.42252	-0.034748	0.352422	0.025120
-5.70E-06	-0.017536	-0.735090	
0.56336	-0.034748	0.352422	0.025120
-5.70E-06	-0.028069	-0.882866	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065394	-0.573737	0.453317
-1.28E-05	0.253794	0.465504	
0.14084	0.065394	-0.573737	0.453317
-1.28E-05	0.063712	0.706080	
0.28168	0.065394	-0.573737	0.453317
-1.28E-05	-0.126371	0.946656	
0.42252	0.065394	-0.573737	0.453317
-1.28E-05	-0.316453	1.187232	
0.56336	0.065394	-0.573737	0.453317
-1.28E-05	-0.506536	1.427808	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013485	0.244994	-0.549086
2.48E-05	-0.307033	-0.117316	
0.14084	-0.013485	0.244994	-0.549086
2.48E-05	0.076593	-0.220046	
0.28168	-0.013485	0.244994	-0.549086
2.48E-05	0.153447	-0.322775	
0.42252	-0.013485	0.244994	-0.549086
2.48E-05	0.383687	-0.425505	
0.56336	-0.013485	0.244994	-0.549086
2.48E-05	0.613926	-0.528235	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025580	0.039133	0.073427
-7.44E-06	0.040252	-0.090043	
0.14084	-0.025580	0.039133	0.073427
-7.44E-06	0.009463	-0.106452	
0.28168	-0.025580	0.039133	0.073427
-7.44E-06	-0.021326	-0.122861	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
687

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42252	-0.025580	0.039133	0.073427
-7.44E-06	-0.052115	-0.139270	
0.56336	-0.025580	0.039133	0.073427
-7.44E-06	-0.082904	-0.155680	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046015	0.575888	-0.522939
1.92E-05	-0.291813	-0.384704	
0.14084	-0.046015	0.575888	-0.522939
1.92E-05	-0.072537	-0.626182	
0.28168	-0.046015	0.575888	-0.522939
1.92E-05	0.146738	-0.867661	
0.42252	-0.046015	0.575888	-0.522939
1.92E-05	0.366014	-1.109139	
0.56336	-0.046015	0.575888	-0.522939
1.92E-05	0.585290	-1.350617	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046015	-0.575888	0.522939
-1.92E-05	0.291813	0.384704	
0.14084	0.046015	-0.575888	0.522939
-1.92E-05	0.072537	0.626182	
0.28168	0.046015	-0.575888	0.522939
-1.92E-05	0.146738	0.867661	
0.42252	0.046015	-0.575888	0.522939
-1.92E-05	0.366014	1.109139	
0.56336	0.046015	-0.575888	0.522939
-1.92E-05	0.585290	1.350617	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065394	0.575888	0.522939
2.48E-05	0.291813	0.465504	
0.14084	0.065394	0.575888	0.522939
2.48E-05	0.072537	0.706080	
0.28168	0.065394	0.575888	0.522939
2.48E-05	0.153447	0.946656	
0.42252	0.065394	0.575888	0.522939
2.48E-05	0.383687	1.187232	
0.56336	0.065394	0.575888	0.522939
2.48E-05	0.613926	1.427808	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046015	-0.575888	-0.549086
-1.92E-05	-0.307033	-0.384704	
0.14084	-0.046015	-0.575888	-0.549086
-1.92E-05	-0.076793	-0.626182	
0.28168	-0.046015	-0.575888	-0.549086
-1.92E-05	-0.146738	-0.867661	
0.42252	-0.046015	-0.575888	-0.549086
-1.92E-05	-0.366014	-1.109139	
0.56336	-0.046015	-0.575888	-0.549086
-1.92E-05	-0.585290	-1.350617	

ELEM 354 ========== LENGTH = 2.976964

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.000714	-0.013077	-0.005452
3.83E-07	-0.005672	-0.004461	
0.57754	0.000714	-0.013077	-0.005452
3.83E-07	-0.003386	0.001022	
0.71834	0.000714	-0.013077	-0.005452
3.83E-07	-0.001100	0.006504	
0.85917	0.000714	-0.013077	-0.005452
3.83E-07	0.001186	0.011987	
1.00000	0.000714	-0.013077	-0.005452
3.83E-07	0.003472	0.017470	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
688

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	-0.000547	-0.016497	0.013249
4.68E-07	0.014882	-0.017129	
0.57751	-0.000547	-0.016497	0.013249
4.68E-07	0.009328	-0.010213	
0.71834	-0.000547	-0.016497	0.013249
4.68E-07	0.003773	-0.003297	
0.85917	-0.000547	-0.016497	0.013249
4.68E-07	-0.001781	0.003619	
1.00000	-0.000547	-0.016497	0.013249
4.68E-07	-0.007336	0.010535	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.006646	0.165375	-0.037372
-5.21E-06	-0.042425	0.055562	
0.57751	0.006646	0.165375	-0.037372
-5.21E-06	-0.026757	-0.011370	
0.71834	0.006646	0.165375	-0.037372
-5.21E-06	-0.011089	-0.083102	
0.85917	0.006646	0.165375	-0.037372
-5.21E-06	0.004579	-0.152434	
1.00000	0.006646	0.165375	-0.037372
-5.21E-06	0.020246	-0.221766	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.006971	-0.224355	0.528485
5.82E-05	0.589032	-0.098709	
0.57751	0.006971	-0.224355	0.528485
5.82E-05	0.367469	-0.004650	
0.71834	0.006971	-0.224355	0.528485
5.82E-05	0.145907	0.089408	
0.85917	0.006971	-0.224355	0.528485
5.82E-05	-0.075656	0.183467	
1.00000	0.006971	-0.224355	0.528485
5.82E-05	-0.297218	0.277526	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43669	0.003624	0.016697	-0.560437
-5.82E-05	-0.624226	0.084747	
0.57751	0.003624	0.016697	-0.560437
-5.82E-05	-0.389268	0.077746	
0.71834	0.003624	0.016697	-0.560437
-5.82E-05	-0.154310	0.070746	
0.85917	0.003624	0.016697	-0.560437
-5.82E-05	0.080648	0.063746	
1.00000	0.003624	0.016697	-0.560437
-5.82E-05	0.315606	0.056746	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.017407	0.071857	0.061527	
4.41E-06	0.068408	-0.020010		
0.57751	-0.017407	0.071857	0.061527	
4.41E-06	0.042614	-0.050135		
0.71834	-0.017407	0.071857	0.061527	
4.41E-06	0.016819	-0.080260		
0.85917	-0.017407	0.071857	0.061527	
4.41E-06	-0.008975	-0.110386		
1.00000	-0.017407	0.071857	0.061527	
4.41E-06	-0.034770	-0.140511		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.010984	0.168995	-0.603260	
-6.31E-05	-0.672322	0.135848		
0.57751	0.010984	0.168995	-0.603260	
-6.31E-05	-0.419411	0.064999		
0.71834	0.010984	0.168995	-0.603260	
-6.31E-05	-0.166499	-0.005851		
0.85917	0.010984	0.168995	-0.603260	
-6.31E-05	0.086412	-0.076701		
1.00000	0.010984	0.168995	-0.603260	
-6.31E-05	0.339324	-0.147550		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
689

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.010984	-0.168995	0.603260	
6.31E-05	0.672322	-0.135848		
0.57751	-0.010984	-0.168995	0.603260	
6.31E-05	0.419411	-0.064999		
0.71834	-0.010984	-0.168995	0.603260	
6.31E-05	0.166499	0.005851		
0.85917	-0.010984	-0.168995	0.603260	
6.31E-05	-0.086412	0.076701		
1.00000	-0.010984	-0.168995	0.603260	
6.31E-05	-0.339324	0.147550		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	0.010984	0.168995	0.603260	
6.31E-05	0.672322	0.135848		
0.57751	0.010984	0.168995	0.603260	
6.31E-05	0.419411	0.077746		
0.71834	0.010984	0.168995	0.603260	
6.31E-05	0.166499	0.089408		
0.85917	0.010984	0.168995	0.603260	
6.31E-05	0.086412	0.183467		
1.00000	0.010984	0.168995	0.603260	
6.31E-05	0.339324	0.277526		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43669	-0.017407	-0.224355	-0.603260	
-6.31E-05	-0.672322	-0.135848		
0.57751	-0.017407	-0.224355	-0.603260	
-6.31E-05	-0.419411	-0.064999		
0.71834	-0.017407	-0.224355	-0.603260	
-6.31E-05	-0.166499	-0.083102		
0.85917	-0.017407	-0.224355	-0.603260	
-6.31E-05	-0.086412	-0.152434		
1.00000	-0.017407	-0.224355	-0.603260	
-6.31E-05	-0.339324	-0.221766		

ELEM 355 ========== LENGTH = 2.977961

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.000201	-0.013098	-0.002355	
7.95E-07	-0.000875	0.017877		
0.14086	0.000201	-0.013098	-0.002355	
7.95E-07	0.000113	0.023371		
0.28173	0.000201	-0.013098	-0.002355	
7.95E-07	0.001101	0.028866		
0.42259	0.000201	-0.013098	-0.002355	
7.95E-07	0.002088	0.034361		
0.56346	0.000201	-0.013098	-0.002355	
7.95E-07	0.003076	0.039855		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.002803	-0.016123	0.013131	
-1.65E-06	0.007231	0.008268		
0.14086	0.002803	-0.016123	0.013131	
-1.65E-06	0.001723	0.015031		
0.28173	0.002803	-0.016123	0.013131	
-1.65E-06	-0.003786	0.021795		
0.42259	0.002803	-0.016123	0.013131	
-1.65E-06	-0.009294	0.028558		
0.56346	0.002803	-0.016123	0.013131	
-1.65E-06	-0.014802	0.035322		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.006228	0.163699	-0.039328	
3.05E-06	-0.021853	-0.213482		
0.14086	-0.006228	0.163699	-0.039328	
3.05E-06	-0.005355	-0.282152		
0.28173	-0.006228	0.163699	-0.039328	
3.05E-06	0.011143	-0.350821		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
690

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42259	-0.006228	0.163699	-0.039328	
3.05E-06	0.016840	-0.419491		
0.56346	-0.006228	0.163699	-0.039328	
3.05E-06	0.044138	-0.488161		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.019280	-0.220560	0.523805	
-2.23E-05	0.293085	0.269314		
0.14086	0.019280	-0.220560	0.523805	
-2.23E-05	0.073354	0.361836		
0.28173	0.019280	-0.220560	0.523805	
-2.23E-05	-0.146377	0.454359		
0.42259	0.019280	-0.220560	0.523805	
-2.23E-05	-0.366108	0.546882		
0.56346	0.019280	-0.220560	0.523805	
-2.23E-05	-0.585839	0.639405		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.005768	0.012848	-0.553647	
2.60E-05	-0.309714	0.055303		
0.14086	0.005768	0.012848	-0.553647	
2.60E-05	-0.077464	0.049913		
0.28173	0.005768	0.012848	-0.553647	
2.60E-05	0.154785	0.044524		
0.42259	0.005768	0.012848	-0.553647	
2.60E-05	0.387035	0.039134		
0.56346	0.005768	0.012848	-0.553647	
2.60E-05	0.619284	0.033745		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.021824	0.073235	0.058394	
-5.96E-06	0.032125	-0.137279		
0.14086	-0.021824	0.073235	0.058394	
-5.96E-06	0.007630	-0.168000		
0.28173	-0.021824	0.073235	0.058394	
-5.96E-06	-0.016866	-0.198722		
0.42259	-0.021824	0.073235	0.058394	
-5.96E-06	-0.041361	-0.229443		
0.56346	-0.021824	0.073235	0.058394	
-5.96E-06	-0.065857	-0.260165		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.000259	0.163448	-0.595330	
2.99E-05	-0.332441	-0.140302		
0.14086	-0.000259	0.163448	-0.595330	
2.99E-05	-0.082706	-0.208867		
0.28173	-0.000259	0.163448	-0.595330	
2.99E-05	0.167029	-0.277432		
0.42259	-0.000259	0.163448	-0.595330	
2.99E-05	0.416764	-0.345997		
0.56346	-0.000259	0.163448	-0.595330	
2.99E-05	0.666499	-0.414562		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.000259	-0.163448	0.595330	
-2.99E-05	0.332441	0.140302		
0.14086	0.000259	-0.163448	0.595330	
-2.99E-05	0.082706	0.208867		
0.28173	0.000259	-0.163448	0.595330	
-2.99E-05	-0.167029	0.277432		
0.42259	0.000259	-0.163448	0.595330	
-2.99E-05	-0.416764	0.345997		
0.56346	0.000259	-0.163448	0.595330	
-2.99E-05	-0.666499	0.414562		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.019280	0.163699	0.595330	
2.99E-05	0.332441	0.269314		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
691

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14086	0.019280	0.163699	0.595330	
2.99E-05	0.082706	0.361836		
0.28173	0.019280	0.163699	0.595330	
2.99E-05	0.167029	0.454359		
0.42259	0.019280	0.163699	0.595330	
2.99E-05	0.416764	0.546882		
0.56346	0.019280	0.163699	0.595330	
2.99E-05	0.666499	0.639405		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.021824	-0.220560	-0.595330	
-2.99E-05	-0.332441	-0.213482		
0.14086	-0.021824	-0.220560	-0.595330	
-2.99E-05	-0.082706	-0.282152		
0.28173	-0.021824	-0.220560	-0.595330	
-2.99E-05	-0.167029	-0.350821		
0.42259	-0.021824	-0.220560	-0.595330	
-2.99E-05	-0.416764	-0.419491		
0.56346	-0.021824	-0.220560	-0.595330	
-2.99E-05	-0.666499	-0.488161		

ELEM 356 ========== LENGTH = 2.976746

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.000533	-0.006325	-0.007215	
5.20E-07	-0.007735	0.001824		
0.57754	-0.000533	-0.006325	-0.007215	
5.20E-07	-0.004711	0.004476		
0.71836	-0.000533	-0.006325	-0.007215	
5.20E-07	-0.001686	0.007127		
0.85918	-0.000533	-0.006325	-0.007215	
5.20E-07	0.001338	0.009779		
1.00000	-0.000533	-0.006325	-0.007215	
5.20E-07	0.004362	0.012430		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.000178	-0.005692	0.025918	
2.24E-07	0.025971	-0.036536		
0.57754	-0.000178	-0.005692	0.025918	
2.24E-07	0.018106	-0.004150		
0.71836	-0.000178	-0.005692	0.025918	
2.24E-07	0.007242	-0.001764		
0.85918	-0.000178	-0.005692	0.025918	
2.24E-07	-0.003623	0.000622		
1.00000	-0.000178	-0.005692	0.025918	
2.24E-07	-0.014487	0.003008		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.010513	0.067275	-0.086251	
-4.82E-06	-0.096709	-0.019450		
0.57754	0.010513	0.067275	-0.086251	
-4.82E-06	-0.060554	-0.047651		
0.71836	0.010513	0.067275	-0.086251	
-4.82E-06	-0.024399	-0.075852		
0.85918	0.010513	0.067275	-0.086251	
-4.82E-06	0.011756	-0.104053		
1.00000	0.010513	0.067275	-0.086251	
-4.82E-06	0.047911	-0.132254		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.004846	0.016585	0.567956	
5.78E-05	0.632785	0.081132		
0.57754	-0.004846	0.016585	0.567956	
5.78E-05	0.394705	0.074180		
0.71836	-0.004846	0.016585	0.567956	
5.78E-05	0.156626	0.067228		
0.85918	-0.004846	0.016585	0.567956	
5.78E-05	-0.081453	0.060276		
1.00000	-0.004846	0.016585	0.567956	
5.78E-05	-0.319533	0.053323		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
692

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.014352	-0.208737	-0.534738	
-5.82E-05	-0.595720	-0.078647		
0.57754	0.014352	-0.208737	-0.534738	
-5.82E-05	-0.371565	0.008853		
0.71836	0.014352	-0.208737	-0.534738	
-5.82E-05	-0.147411	0.096353		
0.85918	0.014352	-0.208737	-0.534738	
-5.82E-05	0.076744	0.183853		
1.00000	0.014352	-0.208737	-0.534738	
-5.82E-05	0.300899	0.271353		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.019307	0.136894	0.034329	
4.49E-06	0.038009	0.021677		
0.57754	-0.019307	0.136894	0.034329	
4.49E-06	0.024019	-0.035708		
0.71836	-0.019307	0.136894	0.034329	
4.49E-06	0.009628	-0.093092		
0.85918	-0.019307	0.136894	0.034329	
4.49E-06	-0.004762	-0.150476		
1.00000	-0.019307	0.136894	0.034329	
4.49E-06	-0.019152	-0.207860		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.024332	-0.147787	-0.628203	
-6.25E-05	-0.700164	-0.096273		
0.57754	0.024332	-0.147787	-0.628203	
-6.25E-05	-0.436830	-0.034322		
0.71836	0.024332	-0.147787	-0.628203	
-6.25E-05	-0.173496	0.027628		
0.85918	0.024332	-0.147787	-0.628203	
-6.25E-05	0.089838	-0.089578		
1.00000	0.024332	-0.147787	-0.628203	
-6.25E-05	0.353172	0.151529		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.024332	0.147787	0.628203	
6.25E-05	0.700164	0.096273		
0.57754	-0.024332	0.147787	0.628203	
6.25E-05	0.436830	0.034322		
0.71836	-0.024332	0.147787	0.628203	
6.25E-05	0.173496	-0.027628		
0.85918	-0.024332	0.147787	0.628203	
6.25E-05	-0.089838	0.089578		
1.00000	-0.024332	0.147787	0.628203	
6.25E-05	-0.353172	-0.151529		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	0.024332	0.147787	0.628203	
6.25E-05	0.700164	0.096273		
0.57754	0.024332	0.147787	0.628203	
6.25E-05	0.436830	0.074180		
0.71836	0.024332	0.147787	0.628203	
6.25E-05	0.173496	0.096353		
0.85918	0.024332	0.147787	0.628203	
6.25E-05	0.089838	0.183853		
1.00000	0.024332	0.147787	0.628203	
6.25E-05	0.353172	0.271353		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43672	-0.024332	-0.208737	-0.628203	
-6.25E-05	-0.700164	-0.096273		
0.57754	-0.024332	-0.208737	-0.628203	
-6.25E-05	-0.436830	-0.047651		
0.71836	-0.024332	-0.208737	-0.628203	
-6.25E-05	-0.173496	-0.093092		
0.85918	-0.024332	-0.208737	-0.628203	
-6.25E-05	-0.089838	-0.150476		
1.00000	-0.024332	-0.208737	-0.628203	
-6.25E-05	-0.353172	-0.207860		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
693

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 357 ========== LENGTH = 2.977743

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.000894	-0.006174	-0.004866	
1.27E-06	-0.002391	0.012720		
0.14086	-0.000894	-0.006174	-0.004866	
1.27E-06	-0.000350	0.015309		
0.28171	-0.000894	-0.006174	-0.004866	
1.27E-06	0.001690	0.017899		
0.42257	-0.000894	-0.006174	-0.004866	
1.27E-06	0.003731	0.020488		
0.56343	-0.000894	-0.006174	-0.004866	
1.27E-06	0.005772	0.023078		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.002213	-0.006421	0.025700	
-3.75E-06	0.012497	0.001397		
0.14086	0.002213	-0.006421	0.025700	
-3.75E-06	0.003517	0.004090		
0.28171	0.002213	-0.006421	0.025700	
-3.75E-06	-0.007263	0.006784		
0.42257	0.002213	-0.006421	0.025700	
-3.75E-06	-0.018042	0.009477		
0.56343	0.002213	-0.006421	0.025700	
-3.75E-06	-0.028822	0.012170		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.001297	0.069835	-0.087225	
1.02E-05	-0.048700	-0.126371		
0.14086	0.001297	0.069835	-0.087225	
1.02E-05	-0.012115	-0.155663		
0.28171	0.001297	0.069835	-0.087225	
1.02E-05	0.024470	-0.184954		
0.42257	0.001297	0.069835	-0.087225	
1.02E-05	0.061055	-0.214245		
0.56343	0.001297	0.069835	-0.087225	
1.02E-05	0.097641	-0.243536		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.000245	0.012044	0.562280	
-2.80E-05	0.314573	0.049774		
0.14086	0.000245	0.012044	0.562280	
-2.80E-05	0.078732	0.044722		
0.28171	0.000245	0.012044	0.562280	
-2.80E-05	-0.157108	0.039671		
0.42257	0.000245	0.012044	0.562280	
-2.80E-05	-0.392948	0.034619		
0.56343	0.000245	0.012044	0.562280	
-2.80E-05	-0.628788	0.029567		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.023032	-0.205089	-0.529220	
2.28E-05	-0.296067	0.265737		
0.14086	0.023032	-0.205089	-0.529220	
2.28E-05	0.074093	0.351759		
0.28171	0.023032	-0.205089	-0.529220	
2.28E-05	0.147881	0.437780		
0.42257	0.023032	-0.205089	-0.529220	
2.28E-05	0.369855	0.523802		
0.56343	0.023032	-0.205089	-0.529220	
2.28E-05	0.591829	0.609823		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.025892	0.135805	0.033330	
-2.44E-06	0.018289	-0.203257		
0.14086	-0.025892	0.135805	0.033330	
-2.44E-06	0.004309	-0.260218		
0.28171	-0.025892	0.135805	0.033330	
-2.44E-06	-0.009671	-0.317180		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
694

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257	-0.025892	0.135805	0.033330	
-2.44E-06	-0.023651	-0.374141		
0.56343	-0.025892	0.135805	0.033330	
-2.44E-06	-0.037631	-0.431103		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.023435	-0.141428	-0.621311	
3.42E-05	-0.347158	0.152086		
0.14086	0.023435	-0.141428	-0.621311	
3.42E-05	-0.086558	0.211406		
0.28171	0.023435	-0.141428	-0.621311	
3.42E-05	0.174042	0.270725		
0.42257	0.023435	-0.141428	-0.621311	
3.42E-05	0.434642	0.330045		
0.56343	0.023435	-0.141428	-0.621311	
3.42E-05	0.695241	0.389365		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.023435	0.141428	0.621311	
-3.42E-05	0.347158	-0.152086		
0.14086	-0.023435	0.141428	0.621311	
-3.42E-05	0.086558	-0.211406		
0.28171	-0.023435	0.141428	0.621311	
-3.42E-05	0.174042	-0.270725		
0.42257	-0.023435	0.141428	0.621311	
-3.42E-05	-0.434642	-0.330045		
0.56343	-0.023435	0.141428	0.621311	
-3.42E-05	-0.695241	-0.389365		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.023435	0.141428	0.621311	
3.42E-05	0.347158	0.265737		
0.14086	0.023435	0.141428	0.621311	
3.42E-05	0.086558	0.351759		
0.28171	0.023435	0.141428	0.621311	
3.42E-05	0.174042	0.437780		
0.42257	0.023435	0.141428	0.621311	
3.42E-05	0.434642	0.523802		
0.56343	0.023435	0.141428	0.621311	
3.42E-05	0.695241	0.609823		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.025892	-0.205089	-0.621311	
-3.42E-05	-0.347158	-0.203257		
0.14086	-0.025892	-0.205089	-0.621311	
-3.42E-05	-0.086558	-0.260218		
0.28171	-0.025892	-0.205089	-0.621311	
-3.42E-05	-0.174042	-0.317180		
0.42257	-0.025892	-0.205089	-0.621311	
-3.42E-05	-0.434642	-0.374141		
0.56343	-0.025892	-0.205089	-0.621311	
-3.42E-05	-0.695241	-0.431103		

ELEM 358 ========== LENGTH = 2.977600

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659	-0.001038	-0.002403	-0.008293	
6.34E-07	-0.009021	0.004033		
0.57744	-0.001038	-0.002403	-0.008293	
6.34E-07	-0.005543	0.005041		
0.71830	-0.001038	-0.002403	-0.008293	
6.34E-07	-0.002065	0.006049		
0.85915	-0.001038	-0.002403	-0.008293	
6.34E-07	0.001413	0.007057		
1.00000	-0.001038	-0.002403	-0.008293	
6.34E-07	0.004891	0.008064		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
695

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659	0.000728	0.002169	0.034051	
-3.28E-07	0.038059	0.000868		
0.57744	0.000728	0.002169	0.034051	
-3.28E-07	0.023779	-4.17E-05		
0.71830	0.000728	0.002169	0.034051	
-3.28E-07	0.009498	-0.000952		
0.85915	0.000728	0.002169	0.034051	
-3.28E-07	-0.004783	-0.001861		
1.00000	0.000728	0.002169	0.034051	
-3.28E-07	-0.019064	-0.002771		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659	0.005945	0.004204	-0.117763	
-2.83E-06	-0.131861	-0.055843		
0.57744	0.005945	0.004204	-0.117763	
-2.83E-06	-0.082471	-0.057606		
0.71830	0.005945	0.004204	-0.117763	
-2.83E-06	-0.033081	-0.059369		
0.85915	0.005945	0.004204	-0.117763	
-2.83E-06	0.016309	-0.061132		
1.00000	0.005945	0.004204	-0.117763	
-2.83E-06	0.065699	-0.062896		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659	-0.013701	0.217895	0.572342	
5.40E-05	0.638085	0.232341		
0.57744	-0.013701	0.217895	0.572342	
5.40E-05	0.398044	0.140956		
0.71830	-0.013701	0.217895	0.572342	
5.40E-05	0.158004	0.049571		
0.85915	-0.013701	0.217895	0.572342	
5.40E-05	-0.082037	-0.041814		
1.00000	-0.013701	0.217895	0.572342	
5.40E-05	-0.322077	-0.133198		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43659	0.041886	-0.459502	-0.477556	
-5.53E-05	-0.532501	-0.305200		
0.57744	0.041886	-0.459502	-0.477556	
-5.53E-05	-0.332214	-0.112484		
0.71830	0.041886	-0.459502	-0.477556	
-5.53E-05	-0.131927	0.080231		
0.85915	0.041886	-0.459502	-0.477556	
-5.53E-05	0.068359	0.272946		
1.00000	0.041886	-0.459502	-0.477556	
-5.53E-05	0.268646	0.465662		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.033820	0.237638	-0.002781
3.86E-06	-0.002761	0.123800	
0.57744	-0.033820	0.237638	-0.002781
3.86E-06	-0.001594	0.024135	
0.71830	-0.033820	0.237638	-0.002781
3.86E-06	-0.000428	-0.075530	
0.85915	-0.033820	0.237638	-0.002781
3.86E-06	0.000739	-0.175196	
1.00000	-0.033820	0.237638	-0.002781
3.86E-06	0.001905	-0.274861	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.046793	-0.457702	-0.603612
-5.75E-05	-0.673383	-0.357010	
0.57744	0.046793	-0.457702	-0.603612
-5.75E-05	-0.420229	-0.165050	
0.71830	0.046793	-0.457702	-0.603612
-5.75E-05	-0.167074	0.026911	
0.85915	0.046793	-0.457702	-0.603612
-5.75E-05	0.086081	0.218871	
1.00000	0.046793	-0.457702	-0.603612
-5.75E-05	0.339236	0.410831	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
696

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.046793	0.457702	0.603612
5.75E-05	0.673383	0.357010	
0.57744	-0.046793	0.457702	0.603612
5.75E-05	0.420229	0.165050	
0.71830	-0.046793	0.457702	0.603612
5.75E-05	0.167074	-0.026911	
0.85915	-0.046793	0.457702	0.603612
5.75E-05	-0.086081	-0.218871	
1.00000	-0.046793	0.457702	0.603612
5.75E-05	-0.339236	-0.410831	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43659	0.046793	0.457702	0.603612
5.75E-05	0.673383	0.357010	
0.57744	0.046793	0.457702	0.603612
5.75E-05	0.420229	0.165050	
0.71830	0.046793	0.457702	0.603612
5.75E-05	0.167074	0.080231	
0.85915	0.046793	0.457702	0.603612
5.75E-05	0.086081	0.272946	
1.00000	0.046793	0.457702	0.603612
5.75E-05	0.339236	0.465662	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43659	-0.046793	-0.459502	-0.603612
-5.75E-05	-0.673383	-0.357010	
0.57744	-0.046793	-0.459502	-0.603612
-5.75E-05	-0.420229	-0.165050	
0.71830	-0.046793	-0.459502	-0.603612
-5.75E-05	-0.167074	-0.075530	
0.85915	-0.046793	-0.459502	-0.603612
-5.75E-05	-0.086081	-0.218871	
1.00000	-0.046793	-0.459502	-0.603612
-5.75E-05	-0.339236	-0.410831	

ELEM 359 ========== LENGTH = 2.976604

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001236	-0.002217	-0.006535
1.49E-06	-0.003405	0.008228	
0.14082	-0.001236	-0.002217	-0.006535
1.49E-06	-0.000666	0.009157	
0.28163	-0.001236	-0.002217	-0.006535
1.49E-06	0.002074	0.010086	
0.42245	-0.001236	-0.002217	-0.006535
1.49E-06	0.004813	0.011016	
0.56326	-0.001236	-0.002217	-0.006535
1.49E-06	0.007553	0.011945	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002103	0.001188	0.033911
-4.79E-06	0.018891	-0.003674	
0.14082	0.002103	0.001188	0.033911
-4.79E-06	0.004677	-0.004172	
0.28163	0.002103	0.001188	0.033911
-4.79E-06	-0.009537	-0.004670	
0.42245	0.002103	0.001188	0.033911
-4.79E-06	-0.023751	-0.005168	
0.56326	0.002103	0.001188	0.033911
-4.79E-06	-0.037964	-0.005666	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000610	0.007740	-0.118581
1.37E-05	-0.066195	-0.059601	
0.14082	0.000610	0.007740	-0.118581
1.37E-05	-0.016492	-0.062846	
0.28163	0.000610	0.007740	-0.118581
1.37E-05	0.033212	-0.066090	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
697

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42245	0.000610	0.007740	-0.118581
1.37E-05	0.069315	-0.069334	
0.56326	0.000610	0.007740	-0.118581
1.37E-05	0.132619	-0.072578	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018326	0.252387	0.568906
-2.85E-05	0.318228	-0.132032	
0.14082	-0.018326	0.252387	0.568906
-2.85E-05	0.079771	-0.237820	
0.28163	-0.018326	0.252387	0.568906
-2.85E-05	-0.158687	-0.343608	
0.42245	-0.018326	0.252387	0.568906
-2.85E-05	-0.397144	-0.449396	
0.56326	-0.018326	0.252387	0.568906
-2.85E-05	-0.635602	-0.555184	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061672	-0.536633	-0.476001
1.60E-05	-0.266488	0.456171	
0.14082	0.061672	-0.536633	-0.476001
1.60E-05	-0.066972	0.681101	
0.28163	0.061672	-0.536633	-0.476001
1.60E-05	0.132544	0.906032	
0.42245	0.061672	-0.536633	-0.476001
1.60E-05	0.332061	1.130962	
0.56326	0.061672	-0.536633	-0.476001
1.60E-05	0.531577	1.355892	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044823	0.277536	-0.001699
1.99E-06	-0.001031	-0.269091	
0.14082	-0.044823	0.277536	-0.001699
1.99E-06	-0.000319	-0.385421	
0.28163	-0.044823	0.277536	-0.001699
1.99E-06	0.000394	-0.501750	
0.42245	-0.044823	0.277536	-0.001699
1.99E-06	0.001106	-0.618080	
0.56326	-0.044823	0.277536	-0.001699
1.99E-06	0.001818	-0.734409	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061046	-0.531111	-0.601117
3.13E-05	-0.336088	0.404797	
0.14082	0.061046	-0.531111	-0.601117
3.13E-05	-0.084129	0.627413	
0.28163	0.061046	-0.531111	-0.601117
3.13E-05	0.167830	0.850028	
0.42245	0.061046	-0.531111	-0.601117
3.13E-05	0.419789	1.072644	
0.56326	0.061046	-0.531111	-0.601117
3.13E-05	0.671748	1.295260	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061046	0.531111	0.601117
-3.13E-05	0.336088	-0.404797	
0.14082	-0.061046	0.531111	0.601117
-3.13E-05	0.084129	-0.627413	
0.28163	-0.061046	0.531111	0.601117
-3.13E-05	-0.167830	-0.850028	
0.42245	-0.061046	0.531111	0.601117
-3.13E-05	-0.419789	-1.072644	
0.56326	-0.061046	0.531111	0.601117
-3.13E-05	-0.671748	-1.295260	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061672	0.531111	0.601117
3.13E-05	0.336088	0.456171	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
698

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14082	0.061672	0.531111	0.601117
3.13E-05	0.084129	0.681101	
0.28163	0.061672	0.531111	0.601117
3.13E-05	0.167830	0.906032	
0.42245	0.061672	0.531111	0.601117
3.13E-05	0.419789	1.130962	
0.56326	0.061672	0.531111	0.601117
3.13E-05	0.671748	1.355892	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061046	-0.536633	-0.601117
-3.13E-05	-0.336088	-0.404797	
0.14082	-0.061046	-0.536633	-0.601117
-3.13E-05	-0.084129	-0.627413	
0.28163	-0.061046	-0.536633	-0.601117
-3.13E-05	-0.167830	-0.850028	
0.42245	-0.061046	-0.536633	-0.601117
-3.13E-05	-0.419789	-1.072644	
0.56326	-0.061046	-0.536633	-0.601117
-3.13E-05	-0.671748	-1.295260	

ELEM 360 ========== LENGTH = 2.977469

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.000919	0.000923	-0.008678
5.27E-07	-0.009502	0.005787	
0.57746	-0.000919	0.000923	-0.008678
5.27E-07	-0.005862	0.005400	
0.71831	-0.000919	0.000923	-0.008678
5.27E-07	-0.002223	0.005013	
0.85915	-0.000919	0.000923	-0.008678
5.27E-07	0.001416	0.004626	
1.00000	-0.000919	0.000923	-0.008678
5.27E-07	0.005056	0.004239	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.000222	0.006834	0.037696
5.97E-08	0.042078	0.006300	
0.57746	0.000222	0.006834	0.037696
5.97E-08	0.026269	0.003434	
0.71831	0.000222	0.006834	0.037696
5.97E-08	0.010461	0.000568	
0.85915	0.000222	0.006834	0.037696
5.97E-08	-0.005348	-0.002298	
1.00000	0.000222	0.006834	0.037696
5.97E-08	-0.021157	-0.005164	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.003047	-0.039179	-0.132091
-3.96E-06	-0.147625	-0.084124	
0.57746	0.003047	-0.039179	-0.132091
-3.96E-06	-0.092230	-0.067694	
0.71831	0.003047	-0.039179	-0.132091
-3.96E-06	-0.036835	-0.051263	
0.85915	0.003047	-0.039179	-0.132091
-3.96E-06	0.018559	-0.034833	
1.00000	0.003047	-0.039179	-0.132091
-3.96E-06	0.073954	-0.018403	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.038642	0.525442	0.547301
5.32E-05	0.609780	0.550554	
0.57746	-0.038642	0.525442	0.547301
5.32E-05	0.380260	0.330201	
0.71831	-0.038642	0.525442	0.547301
5.32E-05	0.150740	0.109847	
0.85915	-0.038642	0.525442	0.547301
5.32E-05	-0.078780	-0.110506	
1.00000	-0.038642	0.525442	0.547301
5.32E-05	-0.308300	-0.330859	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
699

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.093350	-0.968237	-0.397654
-5.20E-05	-0.443367	-0.877485	
0.57746	0.093350	-0.968237	-0.397654
-5.20E-05	-0.276604	-0.471438	
0.71831	0.093350	-0.968237	-0.397654
-5.20E-05	-0.109841	-0.065391	
0.85915	0.093350	-0.968237	-0.397654
-5.20E-05	0.056922	0.340655	
1.00000	0.093350	-0.968237	-0.397654
-5.20E-05	0.223685	0.746702	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.057059	0.474217	-0.046575
2.22E-06	-0.051595	0.398968	
0.57746	-0.057059	0.474217	-0.046575
2.22E-06	-0.031833	0.200097	
0.71831	-0.057059	0.474217	-0.046575
2.22E-06	-0.012301	0.001226	
0.85915	-0.057059	0.474217	-0.046575
2.22E-06	0.007230	-0.197645	
1.00000	-0.057059	0.474217	-0.046575
2.22E-06	0.026762	-0.396516	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.095478	-1.006492	-0.538423
-5.55E-05	-0.600493	-0.955821	
0.57746	0.095478	-1.006492	-0.538423
-5.55E-05	-0.374696	-0.533731	
0.71831	0.095478	-1.006492	-0.538423
-5.55E-05	-0.148899	-0.111642	
0.85915	0.095478	-1.006492	-0.538423
-5.55E-05	0.076898	0.310448	
1.00000	0.095478	-1.006492	-0.538423
-5.55E-05	0.302695	0.732538	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.095478	1.006492	0.538423
5.55E-05	0.600493	0.955821	
0.57746	-0.095478	1.006492	0.538423
5.55E-05	0.374696	0.533731	
0.71831	-0.095478	1.006492	0.538423
5.55E-05	0.148899	0.111642	
0.85915	-0.095478	1.006492	0.538423
5.55E-05	-0.076898	-0.310448	
1.00000	-0.095478	1.006492	0.538423
5.55E-05	-0.302695	-0.732538	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.095478	1.006492	0.547301
5.55E-05	0.609780	0.955821	
0.57746	0.095478	1.006492	0.547301
5.55E-05	0.380260	0.533731	
0.71831	0.095478	1.006492	0.547301
5.55E-05	0.150740	0.111642	
0.85915	0.095478	1.006492	0.547301
5.55E-05	0.076898	0.340655	
1.00000	0.095478	1.006492	0.547301
5.55E-05	0.302695	0.746702	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.095478	-1.006492	-0.538423
-5.55E-05	-0.600493	-0.955821	
0.57746	-0.095478	-1.006492	-0.538423
-5.55E-05	-0.374696	-0.533731	
0.71831	-0.095478	-1.006492	-0.538423
-5.55E-05	-0.148899	-0.111642	
0.85915	-0.095478	-1.006492	-0.538423
-5.55E-05	-0.076780	-0.310448	
1.00000	-0.095478	-1.006492	-0.538423
-5.55E-05	-0.308300	-0.732538	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
700

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 361 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000891	-5.66E-05	-0.007330
1.68E-06	-0.003916	0.004284	
0.14085	-0.000891	-5.66E-05	-0.007330
1.68E-06	-0.000843	0.004308	
0.28170	-0.000891	-5.66E-05	-0.007330
1.68E-06	0.002231	0.004332	
0.42255	-0.000891	-5.66E-05	-0.007330
1.68E-06	0.005305	0.004356	
0.56340	-0.000891	-5.66E-05	-0.007330
1.68E-06	0.008379	0.004379	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000251	0.012271	0.037441
-5.92E-06	0.020906	-0.005411	
0.14085	0.000251	0.012271	0.037441
-5.92E-06	0.005203	-0.010557	
0.28170	0.000251	0.012271	0.037441
-5.92E-06	-0.010499	-0.015703	
0.42255	0.000251	0.012271	0.037441
-5.92E-06	-0.026201	-0.020850	
0.56340	0.000251	0.012271	0.037441
-5.92E-06	-0.041904	-0.025996	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002802	-0.059028	-0.132174
1.80E-05	-0.073903	-0.017507	
0.14085	0.002802	-0.059028	-0.132174
1.80E-05	-0.018471	0.007249	
0.28170	0.002802	-0.059028	-0.132174
1.80E-05	0.036960	0.032004	
0.42255	0.002802	-0.059028	-0.132174
1.80E-05	0.092392	0.056760	
0.56340	0.002802	-0.059028	-0.132174
1.80E-05	0.147824	0.081515	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.047372	0.524323	0.542211
-3.08E-05	0.303510	-0.325738	
0.14085	-0.047372	0.524323	0.542211
-3.08E-05	0.076115	-0.545630	
0.28170	-0.047372	0.524323	0.542211
-3.08E-05	-0.151279	-0.765522	
0.42255	-0.047372	0.524323	0.542211
-3.08E-05	-0.378673	-0.985415	
0.56340	-0.047372	0.524323	0.542211
-3.08E-05	-0.606068	-1.205307	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.110671	-0.922879	-0.395956
1.14E-05	-0.221851	0.734453	
0.14085	0.110671	-0.922879	-0.395956
1.14E-05	0.055794	-1.121493	
0.28170	0.110671	-0.922879	-0.395956
1.14E-05	0.110264	1.508533	
0.42255	0.110671	-0.922879	-0.395956
1.14E-05	0.276321	1.895573	
0.56340	0.110671	-0.922879	-0.395956
1.14E-05	0.442379	2.282613	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065462	0.445370	-0.044192
5.68E-06	-0.024745	-0.390082	
0.14085	-0.065462	0.445370	-0.044192
5.68E-06	-0.006211	-0.576863	
0.28170	-0.065462	0.445370	-0.044192
5.68E-06	0.012322	-0.763643	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
701

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	-0.065462	0.445370	-0.044192
5.68E-06	0.030856	-0.950424	
0.56340	-0.065462	0.445370	-0.044192
5.68E-06	0.049389	-1.137205	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112583	-0.981964	-0.535460
3.10E-05	-0.299671	0.721230	
0.14085	0.112583	-0.981964	-0.535460
3.10E-05	-0.075108	1.133049	
0.28170	0.112583	-0.981964	-0.535460
3.10E-05	0.149456	1.544869	
0.42255	0.112583	-0.981964	-0.535460
3.10E-05	0.374019	1.956688	
0.56340	0.112583	-0.981964	-0.535460
3.10E-05	0.598582	2.368508	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.112583	0.981964	0.535460
-3.10E-05	0.299671	-0.721230	
0.14085	-0.112583	0.981964	0.535460
-3.10E-05	0.075108	-1.133049	
0.28170	-0.112583	0.981964	0.535460
-3.10E-05	-0.149456	-1.544869	
0.42255	-0.112583	0.981964	0.535460
-3.10E-05	-0.374019	-1.956688	
0.56340	-0.112583	0.981964	0.535460
-3.10E-05	-0.598582	-2.368508	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.112583	0.981964	0.542211
3.10E-05	0.303510	0.734453	
0.14085	0.112583	0.981964	0.542211
3.10E-05	0.076115	1.133049	
0.28170	0.112583	0.981964	0.542211
3.10E-05	0.149456	1.544869	
0.42255	0.112583	0.981964	0.542211
3.10E-05	0.374019	1.956688	
0.56340	0.112583	0.981964	0.542211
3.10E-05	0.598582	2.368508	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.112583	-0.981964	-0.535460
-3.10E-05	-0.299671	-0.721230	
0.14085	-0.112583	-0.981964	-0.535460
-3.10E-05	-0.075108	-1.133049	
0.28170	-0.112583	-0.981964	-0.535460
-3.10E-05	-0.151279	-1.544869	
0.42255	-0.112583	-0.981964	-0.535460
-3.10E-05	-0.378673	-1.956688	
0.56340	-0.112583	-0.981964	-0.535460
-3.10E-05	-0.606068	-2.368508	

ELEM 362 ========== LENGTH = 2.977473

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.000211	0.002358	-0.008383
5.41E-07	-0.009232	0.005969	
0.57746	-0.000211	0.002358	-0.008383
5.41E-07	-0.005716	0.004980	
0.71831	-0.000211	0.002358	-0.008383
5.41E-07	-0.002201	0.003991	
0.85915	-0.000211	0.002358	-0.008383
5.41E-07	0.001314	0.003002	
1.00000	-0.000211	0.002358	-0.008383
5.41E-07	0.004830	0.002013	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
702

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.000971	0.019698	0.037100
-4.61E-07	0.041474	0.023002	
0.57746	-0.000971	0.019698	0.037100
-4.61E-07	0.025916	0.014741	
0.71831	-0.000971	0.019698	0.037100
-4.61E-07	0.010357	0.006480	
0.85915	-0.000971	0.019698	0.037100
-4.61E-07	-0.005202	-0.001781	
1.00000	-0.000971	0.019698	0.037100
-4.61E-07	-0.020760	-0.010041	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.003342	-0.109696	-0.130229
-1.50E-06	-0.145719	-0.159608	
0.57746	-0.003342	-0.109696	-0.130229
-1.50E-06	-0.091105	-0.113605	
0.71831	-0.003342	-0.109696	-0.130229
-1.50E-06	-0.036491	-0.067602	
0.85915	-0.003342	-0.109696	-0.130229
-1.50E-06	0.018123	-0.021598	
1.00000	-0.003342	-0.109696	-0.130229
-1.50E-06	0.072737	0.024405	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.009756	0.880633	0.492643
4.41E-05	0.549772	1.028467	
0.57746	-0.009756	0.880633	0.492643
4.41E-05	0.343173	0.659158	
0.71831	-0.009756	0.880633	0.492643
4.41E-05	0.136574	0.289848	
0.85915	-0.009756	0.880633	0.492643
4.41E-05	-0.070025	-0.079461	
1.00000	-0.009756	0.880633	0.492643
4.41E-05	-0.276624	-0.448770	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.061960	-1.522170	-0.295941
-3.99E-05	-0.330487	-1.674150	
0.57746	0.061960	-1.522170	-0.295941
-3.99E-05	-0.206379	-1.035801	
0.71831	0.061960	-1.522170	-0.295941
-3.99E-05	-0.082271	-0.397451	
0.85915	0.061960	-1.522170	-0.295941
-3.99E-05	0.041837	0.240899	
1.00000	0.061960	-1.522170	-0.295941
-3.99E-05	0.165945	0.879248	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.047681	0.729177	-0.095191
-2.74E-06	-0.105808	0.776320	
0.57746	-0.047681	0.729177	-0.095191
-2.74E-06	-0.065888	0.470527	
0.71831	-0.047681	0.729177	-0.095191
-2.74E-06	-0.025967	0.164733	
0.85915	-0.047681	0.729177	-0.095191
-2.74E-06	0.013953	-0.141061	
1.00000	-0.047681	0.729177	-0.095191
-2.74E-06	0.053873	-0.446855	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.058407	-1.629508	-0.434552
-4.09E-05	-0.485438	-1.827789	
0.57746	0.058407	-1.629508	-0.434552
-4.09E-05	-0.303201	-1.144425	
0.71831	0.058407	-1.629508	-0.434552
-4.09E-05	-0.120963	-0.461061	
0.85915	0.058407	-1.629508	-0.434552
-4.09E-05	0.061274	0.222302	
1.00000	0.058407	-1.629508	-0.434552
-4.09E-05	0.243512	0.905666	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.058407	1.629508	0.434552
4.09E-05	0.485438	1.827789	
0.57746	-0.058407	1.629508	0.434552
4.09E-05	0.303201	1.144425	
0.71831	-0.058407	1.629508	0.434552
4.09E-05	0.120963	0.461061	
0.85915	-0.058407	1.629508	0.434552
4.09E-05	-0.061274	-0.222302	
1.00000	-0.058407	1.629508	0.434552
4.09E-05	-0.243512	-0.905666	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43661	0.061960	1.629508	0.492643
4.41E-05	0.549772	1.827789	
0.57746	0.061960	1.629508	0.492643
4.41E-05	0.343173	1.144425	
0.71831	0.061960	1.629508	0.492643
4.41E-05	0.136574	0.461061	
0.85915	0.061960	1.629508	0.492643
4.41E-05	0.061274	0.240899	
1.00000	0.061960	1.629508	0.492643
4.41E-05	0.243512	0.905666	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43661	-0.058407	-1.629508	-0.434552
-4.09E-05	-0.485438	-1.827789	
0.57746	-0.058407	-1.629508	-0.434552
-4.09E-05	-0.303201	-1.144425	
0.71831	-0.058407	-1.629508	-0.434552
-4.09E-05	-0.120963	-0.461061	
0.85915	-0.058407	-1.629508	-0.434552
-4.09E-05	-0.070025	-0.222302	
1.00000	-0.058407	-1.629508	-0.434552
-4.09E-05	-0.276624	-0.905666	

ELEM 363 ========== LENGTH = 2.977542

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	7.27E-07	0.001561	-0.007368
1.54E-06	-0.003969	0.001958	
0.14085	7.27E-07	0.001561	-0.007368
1.54E-06	-0.000879	0.001304	
0.28170	7.27E-07	0.001561	-0.007368
1.54E-06	0.002211	0.000649	
0.42255	7.27E-07	0.001561	-0.007368
1.54E-06	0.005301	-5.54E-06	
0.56340	7.27E-07	0.001561	-0.007368
1.54E-06	0.008391	-0.000660	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001991	0.024037	0.036829
-5.45E-06	0.020495	-0.009729	
0.14085	-0.001991	0.024037	0.036829
-5.45E-06	0.005049	-0.019809	
0.28170	-0.001991	0.024037	0.036829
-5.45E-06	-0.010396	-0.029890	
0.42255	-0.001991	0.024037	0.036829
-5.45E-06	-0.025842	-0.039971	
0.56340	-0.001991	0.024037	0.036829
-5.45E-06	-0.041287	-0.050052	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000364	-0.125372	-0.129912
1.66E-05	-0.072361	0.023255	
0.14085	0.000364	-0.125372	-0.129912
1.66E-05	-0.017877	0.075834	
0.28170	0.000364	-0.125372	-0.129912
1.66E-05	0.036606	0.128413	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42255	0.000364	-0.125372	-0.129912
1.66E-05	0.108689	-0.180992	
0.56340	0.000364	-0.125372	-0.129912
1.66E-05	0.145573	0.233571	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031520	0.943944	0.486844
-2.61E-05	0.271393	-0.439711	
0.14085	-0.031520	0.943944	0.486844
-2.61E-05	0.067218	-0.835588	
0.28170	-0.031520	0.943944	0.486844
-2.61E-05	-0.136958	-1.231464	
0.42255	-0.031520	0.943944	0.486844
-2.61E-05	-0.341133	-1.627341	
0.56340	-0.031520	0.943944	0.486844
-2.61E-05	-0.545309	-2.023217	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093741	-1.615747	-0.293757
4.41E-06	-0.163973	0.863511	
0.14085	0.093741	-1.615747	-0.293757
4.41E-06	-0.040776	1.541132	
0.28170	0.093741	-1.615747	-0.293757
4.41E-06	0.082421	2.218753	
0.42255	0.093741	-1.615747	-0.293757
4.41E-06	0.205619	2.896374	
0.56340	0.093741	-1.615747	-0.293757
4.41E-06	0.328816	3.573995	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060595	0.771577	-0.092637
9.04E-06	-0.051585	-0.439283	
0.14085	-0.060595	0.771577	-0.092637
9.04E-06	-0.012734	-0.762872	
0.28170	-0.060595	0.771577	-0.092637
9.04E-06	0.026116	-1.086460	
0.42255	-0.060595	0.771577	-0.092637
9.04E-06	0.064967	-1.410049	
0.56340	-0.060595	0.771577	-0.092637
9.04E-06	0.103817	-1.733637	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094106	-1.739558	-0.431037
2.25E-05	-0.240303	0.888723	
0.14085	0.094106	-1.739558	-0.431037
2.25E-05	-0.059532	1.618269	
0.28170	0.094106	-1.739558	-0.431037
2.25E-05	0.121238	2.347815	
0.42255	0.094106	-1.739558	-0.431037
2.25E-05	0.302009	3.077360	
0.56340	0.094106	-1.739558	-0.431037
2.25E-05	0.482779	3.806906	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094106	1.739558	0.431037
-2.25E-05	0.240303	-0.888723	
0.14085	-0.094106	1.739558	0.431037
-2.25E-05	0.059532	-1.618269	
0.28170	-0.094106	1.739558	0.431037
-2.25E-05	-0.121238	-2.347815	
0.42255	-0.094106	1.739558	0.431037
-2.25E-05	-0.302009	-3.077360	
0.56340	-0.094106	1.739558	0.431037
-2.25E-05	-0.482779	-3.806906	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094106	1.739558	0.486844
2.25E-05	0.271393	0.888723	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14085	0.094106	1.739558	0.486844
2.25E-05	0.067218	1.618269	
0.28170	0.094106	1.739558	0.486844
2.25E-05	0.121238	2.347815	
0.42255	0.094106	1.739558	0.486844
2.25E-05	0.302009	3.077360	
0.56340	0.094106	1.739558	0.486844
2.25E-05	0.482779	3.806906	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094106	-1.739558	-0.431037
-2.61E-05	-0.240303	-0.888723	
0.14085	-0.094106	-1.739558	-0.431037
-2.61E-05	-0.059532	-1.618269	
0.28170	-0.094106	-1.739558	-0.431037
-2.61E-05	-0.136958	-2.347815	
0.42255	-0.094106	-1.739558	-0.431037
-2.61E-05	-0.341133	-3.077360	
0.56340	-0.094106	-1.739558	-0.431037
-2.61E-05	-0.545309	-3.806906	

ELEM 364 ========== LENGTH = 2.977553

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.002417	0.002812	-0.008116
4.04E-07	-0.000680	0.005044	
0.57745	0.002417	0.002812	-0.008116
4.04E-07	-0.005276	0.003865	
0.71830	0.002417	0.002812	-0.008116
4.04E-07	-0.001872	0.002685	
0.85915	0.002417	0.002812	-0.008116
4.04E-07	0.001532	0.001506	
1.00000	0.002417	0.002812	-0.008116
4.04E-07	0.004936	0.000327	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.006963	0.033784	0.035700
-4.53E-07	0.038563	0.048040	
0.57745	-0.006963	0.033784	0.035700
-4.53E-07	0.023590	0.031871	
0.71830	-0.006963	0.033784	0.035700
-4.53E-07	0.008618	0.017703	
0.85915	-0.006963	0.033784	0.035700
-4.53E-07	0.006354	0.003534	
1.00000	-0.006963	0.033784	0.035700
-4.53E-07	-0.021326	-0.010634	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.001236	-0.180330	-0.124281
-5.54E-07	-0.134324	-0.262166	
0.57745	-0.001236	-0.180330	-0.124281
-5.54E-07	-0.082202	-0.186538	
0.71830	-0.001236	-0.180330	-0.124281
-5.54E-07	-0.030080	-0.110909	
0.85915	-0.001236	-0.180330	-0.124281
-5.54E-07	0.022042	-0.035281	
1.00000	-0.001236	-0.180330	-0.124281
-5.54E-07	0.074164	0.040347	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.037594	1.312976	0.446173
3.09E-05	0.481298	1.695361	
0.57745	0.037594	1.312976	0.446173
3.09E-05	0.294178	1.144714	
0.71830	0.037594	1.312976	0.446173
3.09E-05	0.107059	0.594067	
0.85915	0.037594	1.312976	0.446173
3.09E-05	-0.080061	0.043420	
1.00000	0.037594	1.312976	0.446173
3.09E-05	-0.267180	-0.507227	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.070878	-2.242406	-0.190535
-1.88E-05	-0.205245	-2.805427	
0.57745	-0.070878	-2.242406	-0.190535
-1.88E-05	-0.125337	-1.864989	
0.71830	-0.070878	-2.242406	-0.190535
-1.88E-05	-0.045429	-0.924550	
0.85915	-0.070878	-2.242406	-0.190535
-1.88E-05	0.034480	0.015889	
1.00000	-0.070878	-2.242406	-0.190535
-1.88E-05	0.114388	0.956328	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.039067	1.073164	-0.158941
-1.15E-05	-0.176612	1.321149	
0.57745	0.039067	1.073164	-0.158941
-1.15E-05	-0.104954	0.871077	
0.71830	0.039067	1.073164	-0.158941
-1.15E-05	-0.038296	0.421004	
0.85915	0.039067	1.073164	-0.158941
-1.15E-05	0.028362	-0.029068	
1.00000	0.039067	1.073164	-0.158941
-1.15E-05	0.095019	-0.479141	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.069697	-2.419924	-0.322932
-1.90E-05	-0.348248	-3.062549	
0.57745	-0.069697	-2.419924	-0.322932
-1.90E-05	-0.212815	-2.047662	
0.71830	-0.069697	-2.419924	-0.322932
-1.90E-05	-0.077381	-1.032774	
0.85915	-0.069697	-2.419924	-0.322932
-1.90E-05	0.058053	-0.017886	
1.00000	-0.069697	-2.419924	-0.322932
-1.90E-05	0.193487	0.997001	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.069697	2.419924	0.322932
1.90E-05	0.348248	3.062549	
0.57745	0.069697	2.419924	0.322932
1.90E-05	0.212815	2.047662	
0.71830	0.069697	2.419924	0.322932
1.90E-05	0.077381	1.032774	
0.85915	0.069697	2.419924	0.322932
1.90E-05	0.058053	0.017886	
1.00000	0.069697	2.419924	0.322932
1.90E-05	-0.193487	-0.997001	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.069697	2.419924	0.446173
3.09E-05	0.481298	3.062549	
0.57745	0.069697	2.419924	0.446173
3.09E-05	0.294178	2.047662	
0.71830	0.069697	2.419924	0.446173
3.09E-05	0.107059	1.032774	
0.85915	0.069697	2.419924	0.446173
3.09E-05	0.058053	0.043420	
1.00000	0.069697	2.419924	0.446173
3.09E-05	0.193487	0.997001	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.070878	-2.419924	-0.322932
-1.90E-05	-0.348248	-3.062549	
0.57745	-0.070878	-2.419924	-0.322932
-1.90E-05	-0.212815	-2.047662	
0.71830	-0.070878	-2.419924	-0.322932
-1.90E-05	-0.077381	-1.032774	
0.85915	-0.070878	-2.419924	-0.322932
-1.90E-05	-0.080061	-0.035281	
1.00000	-0.070878	-2.419924	-0.322932
-1.90E-05	-0.267180	-0.997001	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 365 ========== LENGTH = 2.976557

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001298	0.001335	-0.007379
1.36E-06	-0.004302	0.000220	
0.14081	0.001298	0.001335	-0.007379
1.36E-06	-0.001209	-0.000340	
0.28163	0.001298	0.001335	-0.007379
1.36E-06	0.001884	-0.000899	
0.42244	0.001298	0.001335	-0.007379
1.36E-06	0.004976	-0.001459	
0.56325	0.001298	0.001335	-0.007379
1.36E-06	0.008069	-0.002018	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002156	0.042440	0.035504
-4.98E-06	0.038102	-0.011032	
0.14081	-0.002156	0.042440	0.035504
-4.98E-06	0.006221	-0.027820	
0.28163	-0.002156	0.042440	0.035504
-4.98E-06	-0.008660	-0.045608	
0.42244	-0.002156	0.042440	0.035504
-4.98E-06	-0.023541	-0.063396	
0.56325	-0.002156	0.042440	0.035504
-4.98E-06	-0.038422	-0.081185	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017440	-0.212703	-0.123974
1.54E-05	-0.073729	0.038138	
0.14081	-0.017440	-0.212703	-0.123974
1.54E-05	-0.021766	0.127290	
0.28163	-0.017440	-0.212703	-0.123974
1.54E-05	0.030196	0.216442	
0.42244	-0.017440	-0.212703	-0.123974
1.54E-05	0.082158	0.305595	
0.56325	-0.017440	-0.212703	-0.123974
1.54E-05	0.134120	0.394747	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093552	1.392844	0.441016
-2.35E-05	0.262337	-0.498235	
0.14081	0.093552	1.392844	0.441016
-2.35E-05	0.077490	-1.082031	
0.28163	0.093552	1.392844	0.441016
-2.35E-05	-0.107357	-1.665826	
0.42244	0.093552	1.392844	0.441016
-2.35E-05	-0.292205	-2.249622	
0.56325	0.093552	1.392844	0.441016
-2.35E-05	-0.477052	-2.833418	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069297	-2.332147	-0.188117
2.97E-06	-0.112362	0.943025	
0.14081	-0.069297	-2.332147	-0.188117
2.97E-06	-0.033515	1.920520	
0.28163	-0.069297	-2.332147	-0.188117
2.97E-06	0.045332	2.898014	
0.42244	-0.069297	-2.332147	-0.188117
2.97E-06	0.124179	3.875509	
0.56325	-0.069297	-2.332147	-0.188117
2.97E-06	0.203026	4.853003	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005957	1.108231	-0.157051
8.75E-06	-0.093046	-0.473116	
0.14081	-0.005957	1.108231	-0.157051
8.75E-06	-0.027220	-0.937619	
0.28163	-0.005957	1.108231	-0.157051
8.75E-06	0.038606	-1.402122	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42244	-0.005957	1.108231	-0.157051
8.75E-06	0.104432	-1.866626	
0.56325	-0.005957	1.108231	-0.157051
8.75E-06	0.170258	-2.331129	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085439	-2.543515	-0.319469
1.97E-05	-0.190393	0.981383	
0.14081	-0.085439	-2.543515	-0.319469
1.97E-05	-0.056491	-2.047470	
0.28163	-0.085439	-2.543515	-0.319469
1.97E-05	0.077412	-3.113557	
0.42244	-0.085439	-2.543515	-0.319469
1.97E-05	0.211314	-4.179644	
0.56325	-0.085439	-2.543515	-0.319469
1.97E-05	0.345216	-5.245732	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.085439	2.543515	0.319469
-1.97E-05	0.190393	-0.981383	
0.14081	0.085439	2.543515	0.319469
-1.97E-05	0.056491	-2.047470	
0.28163	0.085439	2.543515	0.319469
-1.97E-05	-0.077412	-3.113557	
0.42244	0.085439	2.543515	0.319469
-1.97E-05	-0.211314	-4.179644	
0.56325	0.085439	2.543515	0.319469
-1.97E-05	-0.345216	-5.245732	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093552	2.543515	0.441016
1.97E-05	0.262337	0.981383	
0.14081	0.093552	2.543515	0.441016
1.97E-05	0.077490	2.047470	
0.28163	0.093552	2.543515	0.441016
1.97E-05	0.077412	3.113557	
0.42244	0.093552	2.543515	0.441016
1.97E-05	0.211314	4.179644	
0.56325	0.093552	2.543515	0.441016
1.97E-05	0.345216	5.245732	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085439	-2.543515	-0.319469
-2.35E-05	-0.190393	-0.981383	
0.14081	-0.085439	-2.543515	-0.319469
-2.35E-05	-0.056491	-2.047470	
0.28163	-0.085439	-2.543515	-0.319469
-2.35E-05	-0.107357	-3.113557	
0.42244	-0.085439	-2.543515	-0.319469
-2.35E-05	-0.292205	-4.179644	
0.56325	-0.085439	-2.543515	-0.319469
-2.35E-05	-0.477052	-5.245732	

ELEM 366 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.002664	0.008332	-0.007813
3.51E-07	-0.008125	0.013930	
0.57747	0.002664	0.008332	-0.007813
3.51E-07	-0.004848	0.010435	
0.71831	0.002664	0.008332	-0.007813
3.51E-07	-0.001572	0.006941	
0.85916	0.002664	0.008332	-0.007813
3.51E-07	0.001705	0.003447	
1.00000	0.002664	0.008332	-0.007813
3.51E-07	0.004981	-4.71E-05	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.004520	0.027722	0.033513
-7.02E-07	0.035110	0.035454	
0.57747	-0.004520	0.027722	0.033513
-7.02E-07	0.021057	0.023828	
0.71831	-0.004520	0.027722	0.033513
-7.02E-07	0.007003	0.012203	
0.85916	-0.004520	0.027722	0.033513
-7.02E-07	-0.007050	0.000578	
1.00000	-0.004520	0.027722	0.033513
-7.02E-07	-0.021104	-0.011047	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.018722	-0.191066	-0.114877
9.87E-07	-0.120413	-0.275959	
0.57747	-0.018722	-0.191066	-0.114877
9.87E-07	-0.072240	-0.195535	
0.71831	-0.018722	-0.191066	-0.114877
9.87E-07	-0.024066	-0.115712	
0.85916	-0.018722	-0.191066	-0.114877
9.87E-07	0.024107	-0.035588	
1.00000	-0.018722	-0.191066	-0.114877
9.87E-07	0.072280	0.044535	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	0.131320	1.670665	0.404562
1.86E-05	0.423701	2.281964	
0.57747	0.131320	1.670665	0.404562
1.86E-05	0.254049	1.581374	
0.71831	0.131320	1.670665	0.404562
1.86E-05	0.084397	0.880783	
0.85916	0.131320	1.670665	0.404562
1.86E-05	-0.085256	0.180192	
1.00000	0.131320	1.670665	0.404562
1.86E-05	-0.254908	-0.520399	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43662	-0.175692	-2.832079	-0.101373
1.81E-08	-0.106317	-3.783216	
0.57747	-0.175692	-2.832079	-0.101373
1.81E-08	-0.063806	-2.595587	
0.71831	-0.175692	-2.832079	-0.101373
1.81E-08	-0.021296	-1.407959	
0.85916	-0.175692	-2.832079	-0.101373
1.81E-08	0.021215	-0.220331	
1.00000	-0.175692	-2.832079	-0.101373
1.81E-08	0.063726	0.967298	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43662	0.064951	1.316426	-0.214011
-1.92E-05	-0.223957	1.727826	
0.57747	0.064951	1.316426	-0.214011
-1.92E-05	-0.134212	1.175785	
0.71831	0.064951	1.316426	-0.214011
-1.92E-05	-0.044466	0.623744	
0.85916	0.064951	1.316426	-0.214011
-1.92E-05	0.045279	0.071702	
1.00000	0.064951	1.316426	-0.214011
-1.92E-05	0.135025	-0.480339	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43662	-0.191750	-3.014813	-0.224063
1.36E-06	-0.234855	-4.045245	
0.57747	-0.191750	-3.014813	-0.224063
1.36E-06	-0.140894	-2.780987	
0.71831	-0.191750	-3.014813	-0.224063
1.36E-06	-0.046934	-1.516729	
0.85916	-0.191750	-3.014813	-0.224063
1.36E-06	0.047027	-0.252472	
1.00000	-0.191750	-3.014813	-0.224063
1.36E-06	0.140987	1.011786	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 710
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43662	0.191750	3.014813	0.224063
-1.36E-06	0.234855	4.045245	
0.57747	0.191750	3.014813	0.224063
-1.36E-06	0.140894	2.780987	
0.71831	0.191750	3.014813	0.224063
-1.36E-06	0.046934	1.516729	
0.85916	0.191750	3.014813	0.224063
-1.36E-06	-0.047027	0.252472	
1.00000	0.191750	3.014813	0.224063
-1.36E-06	-0.140987	-1.011786	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43662	0.191750	3.014813	0.404562
1.86E-05	0.423701	4.045245	
0.57747	0.191750	3.014813	0.404562
1.86E-05	0.254049	2.780987	
0.71831	0.191750	3.014813	0.404562
1.86E-05	0.084397	1.516729	
0.85916	0.191750	3.014813	0.404562
1.86E-05	0.047027	0.252472	
1.00000	0.191750	3.014813	0.404562
1.86E-05	0.140987	1.011786	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43662	-0.191750	-3.014813	-0.224063
-1.92E-05	-0.234855	-4.045245	
0.57747	-0.191750	-3.014813	-0.224063
-1.92E-05	-0.140894	-2.780987	
0.71831	-0.191750	-3.014813	-0.224063
-1.92E-05	-0.046934	-1.516729	
0.85916	-0.191750	-3.014813	-0.224063
-1.92E-05	-0.085256	-0.252472	
1.00000	-0.191750	-3.014813	-0.224063
-1.92E-05	-0.254908	-1.011786	

ELEM 367 ========== LENGTH = 2.977394

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.003033	0.007462	-0.007173
1.12E-06	-0.004437	-0.000170	
0.14084	0.003033	0.007462	-0.007173
1.12E-06	-0.001429	-0.003300	
0.28169	0.003033	0.007462	-0.007173
1.12E-06	0.001579	-0.006429	
0.42253	0.003033	0.007462	-0.007173
1.12E-06	0.004587	-0.009558	
0.56338	0.003033	0.007462	-0.007173
1.12E-06	0.007595	-0.012688	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.006638	0.032054	0.033222
-4.29E-06	0.020829	-0.010359	
0.14084	-0.006638	0.032054	0.033222
-4.29E-06	0.006897	-0.023800	
0.28169	-0.006638	0.032054	0.033222
-4.29E-06	-0.007034	-0.037242	
0.42253	-0.006638	0.032054	0.033222
-4.29E-06	-0.020966	-0.050684	
0.56338	-0.006638	0.032054	0.033222
-4.29E-06	-0.034897	-0.064125	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.010645	-0.205928	-0.114387
1.36E-05	-0.071763	0.042015	
0.14084	-0.010645	-0.205928	-0.114387
1.36E-05	-0.023795	0.128371	
0.28169	-0.010645	-0.205928	-0.114387
1.36E-05	0.024173	0.214727	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 711
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42253	-0.010645	-0.205928	-0.114387
1.36E-05	0.072141	0.301083	
0.56338	-0.010645	-0.205928	-0.114387
1.36E-05	0.120109	0.387438	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.107443	1.618080	0.400504
-2.50E-05	0.251125	-0.511740	
0.14084	0.107443	1.618080	0.400504
-2.50E-05	0.083174	-1.190280	
0.28169	0.107443	1.618080	0.400504
-2.50E-05	-0.084776	-1.868819	
0.42253	0.107443	1.618080	0.400504
-2.50E-05	-0.252727	-2.547358	
0.56338	0.107443	1.618080	0.400504
-2.50E-05	-0.420678	-3.225898	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.146179	-2.695331	-0.101587
1.11E-05	-0.063794	0.955335	
0.14084	-0.146179	-2.695331	-0.101587
1.11E-05	-0.021194	-2.085618	
0.28169	-0.146179	-2.695331	-0.101587
1.11E-05	0.021407	-3.215901	
0.42253	-0.146179	-2.695331	-0.101587
1.11E-05	0.064007	4.346184	
0.56338	-0.146179	-2.695331	-0.101587
1.11E-05	0.106608	5.476468	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.052987	1.243664	-0.210578
3.56E-06	-0.131959	-0.475081	
0.14084	0.052987	1.243664	-0.210578
3.56E-06	-0.043653	-0.996609	
0.28169	0.052987	1.243664	-0.210578
3.56E-06	0.044653	-1.518138	
0.42253	0.052987	1.243664	-0.210578
3.56E-06	0.132958	-2.039666	
0.56338	0.052987	1.243664	-0.210578
3.56E-06	0.221264	-2.561195	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.153792	-2.893797	-0.223148
2.57E-05	-0.139995	0.997180	
0.14084	-0.153792	-2.893797	-0.223148
2.57E-05	-0.046418	2.210689	
0.28169	-0.153792	-2.893797	-0.223148
2.57E-05	0.047158	3.424199	
0.42253	-0.153792	-2.893797	-0.223148
2.57E-05	0.140735	4.637709	
0.56338	-0.153792	-2.893797	-0.223148
2.57E-05	0.234311	5.851218	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.153792	2.893797	0.223148
-2.57E-05	0.139995	-0.997180	
0.14084	0.153792	2.893797	0.223148
-2.57E-05	0.046418	-2.210689	
0.28169	0.153792	2.893797	0.223148
-2.57E-05	-0.047158	-3.424199	
0.42253	0.153792	2.893797	0.223148
-2.57E-05	-0.140735	-4.637709	
0.56338	0.153792	2.893797	0.223148
-2.57E-05	-0.234311	-5.851218	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.153792	2.893797	0.400504
2.57E-05	0.251125	0.997180	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 712
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.14084	0.153792	2.893797	0.400504
2.57E-05	0.083174	2.210689	
0.28169	0.153792	2.893797	0.400504
2.57E-05	0.047158	3.424199	
0.42253	0.153792	2.893797	0.400504
2.57E-05	0.140735	4.637709	
0.56338	0.153792	2.893797	0.400504
2.57E-05	0.234311	5.851218	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.153792	-2.893797	-0.223148
-2.57E-05	-0.139995	-0.997180	
0.14084	-0.153792	-2.893797	-0.223148
-2.57E-05	-0.046418	-2.210689	
0.28169	-0.153792	-2.893797	-0.223148
-2.57E-05	-0.084776	-3.424199	
0.42253	-0.153792	-2.893797	-0.223148
-2.57E-05	-0.252727	-4.637709	
0.56338	-0.153792	-2.893797	-0.223148
-2.57E-05	-0.420678	-5.851218	

ELEM 368 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.001567	0.010152	-0.006511
2.32E-07	-0.006973	0.015624	
0.57749	0.001567	0.010152	-0.006511
2.32E-07	-0.004243	0.011367	
0.71833	0.001567	0.010152	-0.006511
2.32E-07	-0.001512	0.007110	
0.85916	0.001567	0.010152	-0.006511
2.32E-07	0.001218	0.002854	
1.00000	0.001567	0.010152	-0.006511
2.32E-07	0.003948	-0.001403	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.002738	0.010687	0.026644
-6.56E-07	0.028775	0.007587	
0.57749	-0.002738	0.010687	0.026644
-6.56E-07	0.017603	0.003106	
0.71833	-0.002738	0.010687	0.026644
-6.56E-07	0.006431	-0.001375	
0.85916	-0.002738	0.010687	0.026644
-6.56E-07	0.004741	-0.005857	
1.00000	-0.002738	0.010687	0.026644
-6.56E-07	-0.015912	-0.010338	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.015934	-0.116260	-0.089100
1.51E-06	-0.096302	-0.142461	
0.57749	-0.015934	-0.116260	-0.089100
1.51E-06	-0.058942	-0.093713	
0.71833	-0.015934	-0.116260	-0.089100
1.51E-06	-0.021582	-0.044966	
0.85916	-0.015934	-0.116260	-0.089100
1.51E-06	0.015777	0.003782	
1.00000	-0.015934	-0.116260	-0.089100
1.51E-06	0.053137	0.052530	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.083601	1.290996	0.310405
9.66E-06	0.335331	1.629214	
0.57749	0.083601	1.290996	0.310405
9.66E-06	0.205179	1.087900	
0.71833	0.083601	1.290996	0.310405
9.66E-06	0.075026	0.546587	
0.85916	0.083601	1.290996	0.310405
9.66E-06	-0.055126	0.005274	
1.00000	0.083601	1.290996	0.310405
9.66E-06	-0.185279	-0.536039	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 713
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.072942	-2.186668	0.002278
1.81E-05	0.001614	-2.706105	
0.57749	-0.072942	-2.186668	0.002278
1.81E-05	0.000659	-1.789238	
0.71833	-0.072942	-2.186668	0.002278
1.81E-05	-0.000296	-0.872371	
0.85916	-0.072942	-2.186668	0.002278
1.81E-05	-0.001251	0.044496	
1.00000	-0.072942	-2.186668	0.002278
1.81E-05	-0.002206	0.961364	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.006446	0.991092	-0.243715
-2.89E-05	-0.262446	1.156142	
0.57749	0.006446	0.991092	-0.243715
-2.89E-05	-0.160256	0.780578	
0.71833	0.006446	0.991092	-0.243715
-2.89E-05	-0.058067	0.365014	
0.85916	0.006446	0.991092	-0.243715
-2.89E-05	0.044123	-0.050549	
1.00000	0.006446	0.991092	-0.243715
-2.89E-05	0.146312	-0.466113	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.087309	-2.292776	-0.093334
1.99E-05	-0.101661	-2.832942	
0.57749	-0.087309	-2.292776	-0.093334
1.99E-05	-0.062526	-1.871584	
0.71833	-0.087309	-2.292776	-0.093334
1.99E-05	-0.023391	-0.910226	
0.85916	-0.087309	-2.292776	-0.093334
1.99E-05	0.015744	0.051132	
1.00000	-0.087309	-2.292776	-0.093334
1.99E-05	0.054879	1.012490	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.087309	2.292776	0.093334
-1.99E-05	0.101661	2.832942	
0.57749	0.087309	2.292776	0.093334
-1.99E-05	0.062526	1.871584	
0.71833	0.087309	2.292776	0.093334
-1.99E-05	0.023391	0.910226	
0.85916	0.087309	2.292776	0.093334
-1.99E-05	-0.015744	-0.051132	
1.00000	0.087309	2.292776	0.093334
-1.99E-05	-0.054879	-1.012490	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43665	0.087309	2.292776	0.310405
1.99E-05	0.335331	2.832942	
0.57749	0.087309	2.292776	0.310405
1.99E-05	0.205179	1.871584	
0.71833	0.087309	2.292776	0.310405
1.99E-05	0.075026	0.910226	
0.85916	0.087309	2.292776	0.310405
1.99E-05	0.044123	0.051132	
1.00000	0.087309	2.292776	0.310405
1.99E-05	0.146312	1.012490	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43665	-0.087309	-2.292776	-0.243715
-2.89E-05	-0.262446	-2.832942	
0.57749	-0.087309	-2.292776	-0.243715
-2.89E-05	-0.160256	-1.871584	
0.71833	-0.087309	-2.292776	-0.243715
-2.89E-05	-0.058067	-0.910226	
0.85916	-0.087309	-2.292776	-0.243715
-2.89E-05	-0.055126	-0.051132	
1.00000	-0.087309	-2.292776	-0.243715
-2.89E-05	-0.185279	-1.012490	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 714
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 369 ========== LENGTH = 2.977195

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.003045	0.009628	-0.005951
9.42E-07	-0.003475	-0.001545	
0.14084	0.003045	0.009628	-0.005951
9.42E-07	-0.000980	-0.005582	
0.28167	0.003045	0.009628	-0.005951
9.42E-07	0.001515	-0.009619	
0.42251	0.003045	0.009628	-0.005951
9.42E-07	0.004011	-0.013656	
0.56335	0.003045	0.009628	-0.005951
9.42E-07	0.006506	-0.017693	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.009545	0.014062	0.026325
-3.85E-06	0.018522	-0.009540	
0.14084	-0.009545	0.014062	0.026325
-3.85E-06	0.004584	-0.015437	
0.28167	-0.009545	0.014062	0.026325
-3.85E-06	-0.006454	-0.021333	
0.42251	-0.009545	0.014062	0.026325
-3.85E-06	-0.017491	-0.027229	
0.56335	-0.009545	0.014062	0.026325
-3.85E-06	-0.028529	-0.033126	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.007854	-0.129347	-0.088672
1.26E-05	-0.052674	0.049607	
0.14084	0.007854	-0.129347	-0.088672
1.26E-05	-0.015494	0.103842	
0.28167	0.007854	-0.129347	-0.088672
1.26E-05	0.021686	0.158076	
0.42251	0.007854	-0.129347	-0.088672
1.26E-05	0.058866	0.212311	
0.56335	0.007854	-0.129347	-0.088672
1.26E-05	0.096046	0.266546	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.000298	1.341004	0.308160
-2.98E-05	0.182908	-0.525964	
0.14084	-0.000298	1.341004	0.308160
-2.98E-05	0.053696	-1.088245	
0.28167	-0.000298	1.341004	0.308160
-2.98E-05	-0.075515	-1.650526	
0.42251	-0.000298	1.341004	0.308160
-2.98E-05	-0.204726	-2.212808	
0.56335	-0.000298	1.341004	0.308160
-2.98E-05	-0.333938	-2.775089	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.036040	-2.257941	-0.000755
2.02E-05	-1.36E-05	0.947426	
0.14084	-0.036040	-2.257941	-0.000755
2.02E-05	0.000303	1.894177	
0.28167	-0.036040	-2.257941	-0.000755
2.02E-05	0.000619	2.840929	
0.42251	-0.036040	-2.257941	-0.000755
2.02E-05	0.000936	3.787681	
0.56335	-0.036040	-2.257941	-0.000755
2.02E-05	0.001252	4.734433	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.034984	1.022594	-0.239107
-3.68E-08	-0.142367	-0.459983	
0.14084	0.034984	1.022594	-0.239107
-3.68E-08	-0.042110	-0.888755	
0.28167	0.034984	1.022594	-0.239107
-3.68E-08	0.058148	-1.317527	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 715
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42251	0.034984	1.022594	-0.239107
-3.68E-08	0.158405	-1.746300	
0.56335	0.034984	1.022594	-0.239107
-3.68E-08	0.258662	-2.175072	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.025141	-2.377660	-0.095378
3.37E-05	-0.056163	0.995487	
0.14084	-0.025141	-2.377660	-0.095378
3.37E-05	-0.016171	1.992437	
0.28167	-0.025141	-2.377660	-0.095378
3.37E-05	0.023821	2.989387	
0.42251	-0.025141	-2.377660	-0.095378
3.37E-05	0.063813	3.986337	
0.56335	-0.025141	-2.377660	-0.095378
3.37E-05	0.103805	4.983287	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.025141	2.377660	0.095378
-3.37E-05	0.056163	-0.995487	
0.14084	0.025141	2.377660	0.095378
-3.37E-05	0.016171	-1.992437	
0.28167	0.025141	2.377660	0.095378
-3.37E-05	-0.023821	-2.989387	
0.42251	0.025141	2.377660	0.095378
-3.37E-05	-0.063813	-3.986337	
0.56335	0.025141	2.377660	0.095378
-3.37E-05	-0.103805	-4.983287	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.034984	2.377660	0.308160
3.37E-05	0.182908	0.995487	
0.14084	0.034984	2.377660	0.308160
3.37E-05	0.053696	1.992437	
0.28167	0.034984	2.377660	0.308160
3.37E-05	0.058148	2.989387	
0.42251	0.034984	2.377660	0.308160
3.37E-05	0.158405	3.986337	
0.56335	0.034984	2.377660	0.308160
3.37E-05	0.258662	4.983287	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.036040	-2.377660	-0.239107
-3.37E-05	-0.142367	-0.995487	
0.14084	-0.036040	-2.377660	-0.239107
-3.37E-05	-0.042110	-1.992437	
0.28167	-0.036040	-2.377660	-0.239107
-3.37E-05	-0.075515	-2.989387	
0.42251	-0.036040	-2.377660	-0.239107
-3.37E-05	-0.204726	-3.986337	
0.56335	-0.036040	-2.377660	-0.239107
-3.37E-05	-0.333938	-4.983287	

ELEM 370 ========== LENGTH = 2.976463

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	0.000439	0.007106	-0.004927
5.41E-08	-0.005437	0.009512	
0.57757	0.000439	0.007106	-0.004927
5.41E-08	-0.003372	0.006534	
0.71838	0.000439	0.007106	-0.004927
5.41E-08	-0.001307	0.003556	
0.85919	0.000439	0.007106	-0.004927
5.41E-08	0.000758	0.000578	
1.00000	0.000439	0.007106	-0.004927
5.41E-08	0.002823	-0.002400	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 716
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	-0.002866	0.006812	0.018290
-4.53E-07	0.020363	0.003354	
0.57757	-0.002866	0.006812	0.018290
-4.53E-07	0.012697	0.000499	
0.71838	-0.002866	0.006812	0.018290
-4.53E-07	0.005032	-0.002356	
0.85919	-0.002866	0.006812	0.018290
-4.53E-07	-0.002634	-0.005211	
1.00000	-0.002866	0.006812	0.018290
-4.53E-07	-0.010300	-0.008066	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	0.002284	-0.077934	-0.057914
1.77E-06	-0.064524	-0.080361	
0.57757	0.002284	-0.077934	-0.057914
1.77E-06	-0.040251	-0.047697	
0.71838	0.002284	-0.077934	-0.057914
1.77E-06	-0.015979	-0.015034	
0.85919	0.002284	-0.077934	-0.057914
1.77E-06	0.008294	0.017630	
1.00000	0.002284	-0.077934	-0.057914
1.77E-06	0.032566	0.050294	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	-0.041850	0.877717	0.198718
-3.24E-07	0.221263	0.963752	
0.57757	-0.041850	0.877717	0.198718
-3.24E-07	0.137977	0.595887	
0.71838	-0.041850	0.877717	0.198718
-3.24E-07	0.054691	0.228022	
0.85919	-0.041850	0.877717	0.198718
-3.24E-07	-0.028594	-0.139843	
1.00000	-0.041850	0.877717	0.198718
-3.24E-07	-0.111880	-0.507708	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	0.086600	-1.507029	0.130506
3.88E-05	0.145339	-1.629798	
0.57757	0.086600	-1.507029	0.130506
3.88E-05	0.090642	-0.998178	
0.71838	0.086600	-1.507029	0.130506
3.88E-05	0.035945	-0.366559	
0.85919	0.086600	-1.507029	0.130506
3.88E-05	-0.018752	0.265081	
1.00000	0.086600	-1.507029	0.130506
3.88E-05	-0.073450	0.896681	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43676	-0.044606	0.693329	-0.284673
-3.98E-05	-0.317004	0.733540	
0.57757	-0.044606	0.693329	-0.284673
-3.98E-05	-0.197693	0.442955	
0.71838	-0.044606	0.693329	-0.284673
-3.98E-05	-0.078382	0.152370	
0.85919	-0.044606	0.693329	-0.284673
-3.98E-05	0.040929	-0.138215	
1.00000	-0.044606	0.693329	-0.284673
-3.98E-05	0.160240	-0.428801	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43676	0.089322	-1.577858	0.067665
4.06E-05	0.075378	-1.700646	
0.57757	0.089322	-1.577858	0.067665
4.06E-05	0.047019	-1.039341	
0.71838	0.089322	-1.577858	0.067665
4.06E-05	0.018659	-0.378036	
0.85919	0.089322	-1.577858	0.067665
4.06E-05	-0.009701	0.283269	
1.00000	0.089322	-1.577858	0.067665
4.06E-05	-0.038060	0.944574	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
717

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43676	-0.089322	1.577858	-0.067665
-4.06E-05	-0.075378	1.700646	
0.57757	-0.089322	1.577858	-0.067665
-4.06E-05	-0.047019	1.039341	
0.71838	-0.089322	1.577858	-0.067665
-4.06E-05	-0.018659	0.378036	
0.85919	-0.089322	1.577858	-0.067665
-4.06E-05	0.009701	-0.283269	
1.00000	-0.089322	1.577858	-0.067665
-4.06E-05	0.038060	-0.944574	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43676	0.089322	1.577858	0.198718
4.06E-05	0.221263	1.700646	
0.57757	0.089322	1.577858	0.198718
4.06E-05	0.137977	1.039341	
0.71838	0.089322	1.577858	0.198718
4.06E-05	0.054691	0.378036	
0.85919	0.089322	1.577858	0.198718
4.06E-05	0.040929	0.283269	
1.00000	0.089322	1.577858	0.198718
4.06E-05	0.160240	0.944574	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43676	-0.089322	-1.577858	-0.284673
-4.06E-05	-0.317004	-1.700646	
0.57757	-0.089322	-1.577858	-0.284673
-4.06E-05	-0.197693	-1.039341	
0.71838	-0.089322	-1.577858	-0.284673
-4.06E-05	-0.078382	-0.378036	
0.85919	-0.089322	-1.577858	-0.284673
-4.06E-05	-0.028594	-0.283269	
1.00000	-0.089322	-1.577858	-0.284673
-4.06E-05	-0.111880	-0.944574	

ELEM 371 ========== LENGTH = 2.977458

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.000728	0.006002	-0.004479
7.20E-07	-0.002447	-0.002597	
0.14085	0.000728	0.006002	-0.004479
7.20E-07	-0.000569	-0.005114	
0.28169	0.000728	0.006002	-0.004479
7.20E-07	0.001309	-0.007631	
0.42254	0.000728	0.006002	-0.004479
7.20E-07	0.003187	-0.010149	
0.56339	0.000728	0.006002	-0.004479
7.20E-07	0.005065	-0.012666	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.004560	0.012814	0.017928
-3.00E-06	0.009994	-0.006967	
0.14085	-0.004560	0.012814	0.017928
-3.00E-06	0.002476	-0.012341	
0.28169	-0.004560	0.012814	0.017928
-3.00E-06	-0.005043	-0.017714	
0.42254	-0.004560	0.012814	0.017928
-3.00E-06	-0.012561	-0.023088	
0.56339	-0.004560	0.012814	0.017928
-3.00E-06	-0.020080	-0.028462	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.008765	-0.099653	-0.057185
9.88E-06	-0.031928	0.046276	
0.14085	0.008765	-0.099653	-0.057185
9.88E-06	-0.007947	0.088067	
0.28169	0.008765	-0.099653	-0.057185
9.88E-06	0.016035	0.129858	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
718

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42254	0.008765	-0.099653	-0.057185
9.88E-06	0.171649	0.213441	
0.56339	0.008765	-0.099653	-0.057185
9.88E-06	0.063997	0.213441	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.064817	0.950468	0.195496
-2.64E-05	0.109039	-0.493939	
0.14085	-0.064817	0.950468	0.195496
-2.64E-05	0.027055	-0.892532	
0.28169	-0.064817	0.950468	0.195496
-2.64E-05	-0.054930	-1.291124	
0.42254	-0.064817	0.950468	0.195496
-2.64E-05	-0.136914	-1.689716	
0.56339	-0.064817	0.950468	0.195496
-2.64E-05	-0.218898	-2.088309	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.121061	-1.606733	0.127958
1.72E-05	0.071403	0.877673	
0.14085	0.121061	-1.606733	0.127958
1.72E-05	0.017742	1.551479	
0.28169	0.121061	-1.606733	0.127958
1.72E-05	-0.035919	2.225286	
0.42254	0.121061	-1.606733	0.127958
1.72E-05	-0.089580	2.899093	
0.56339	0.121061	-1.606733	0.127958
1.72E-05	-0.143240	3.572900	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.061177	0.737103	-0.279718
1.66E-06	-0.156061	-0.420445	
0.14085	-0.061177	0.737103	-0.279718
1.66E-06	-0.038757	-0.729560	
0.28169	-0.061177	0.737103	-0.279718
1.66E-06	0.078547	-1.038675	
0.42254	-0.061177	0.737103	-0.279718
1.66E-06	0.195851	-1.347789	
0.56339	-0.061177	0.737103	-0.279718
1.66E-06	0.313155	-1.656904	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.130554	-1.700384	0.066294
2.78E-05	0.037028	0.921352	
0.14085	0.130554	-1.700384	0.066294
2.78E-05	0.009226	1.634433	
0.28169	0.130554	-1.700384	0.066294
2.78E-05	-0.018575	2.347513	
0.42254	0.130554	-1.700384	0.066294
2.78E-05	-0.046376	3.060594	
0.56339	0.130554	-1.700384	0.066294
2.78E-05	-0.074178	3.773674	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.130554	1.700384	-0.066294
-2.78E-05	-0.037028	-0.921352	
0.14085	-0.130554	1.700384	-0.066294
-2.78E-05	-0.009226	-1.634433	
0.28169	-0.130554	1.700384	-0.066294
-2.78E-05	0.018575	-2.347513	
0.42254	-0.130554	1.700384	-0.066294
-2.78E-05	0.046376	-3.060594	
0.56339	-0.130554	1.700384	-0.066294
-2.78E-05	0.074178	-3.773674	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.130554	1.700384	0.195496
2.78E-05	0.109039	0.921352	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
719

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.14085	0.130554	1.700384	0.195496
2.78E-05	0.027055	1.634433	
0.28169	0.130554	1.700384	0.195496
2.78E-05	0.078547	2.347513	
0.42254	0.130554	1.700384	0.195496
2.78E-05	0.195851	3.060594	
0.56339	0.130554	1.700384	0.195496
2.78E-05	0.313155	3.773674	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.130554	-1.700384	-0.279718
-2.78E-05	-0.156061	-0.921352	
0.14085	-0.130554	-1.700384	-0.279718
-2.78E-05	-0.038757	-1.634433	
0.28169	-0.130554	-1.700384	-0.279718
-2.78E-05	-0.054930	-2.347513	
0.42254	-0.130554	-1.700384	-0.279718
-2.78E-05	-0.13694	-3.060594	
0.56339	-0.130554	-1.700384	-0.279718
-2.78E-05	-0.218898	-3.773674	

ELEM 372 ========== LENGTH = 2.977796

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-1.54E-05	0.002988	-0.003796
-3.56E-08	-0.004180	0.003396	
0.57742	-1.54E-05	0.002988	-0.003796
-3.56E-08	-0.002588	0.002143	
0.71828	-1.54E-05	0.002988	-0.003796
-3.56E-08	-0.000996	0.000890	
0.85914	-1.54E-05	0.002988	-0.003796
-3.56E-08	0.000596	-0.000363	
1.00000	-1.54E-05	0.002988	-0.003796
-3.56E-08	0.002189	-0.001616	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-0.002095	0.010586	0.011926
-3.49E-07	0.013230	0.007338	
0.57742	-0.002095	0.010586	0.011926
-3.49E-07	0.008228	0.002898	
0.71828	-0.002095	0.010586	0.011926
-3.49E-07	0.003225	-0.001543	
0.85914	-0.002095	0.010586	0.011926
-3.49E-07	0.001777	-0.005983	
1.00000	-0.002095	0.010586	0.011926
-3.49E-07	-0.006779	-0.010423	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	0.008239	-0.069989	-0.033653
1.90E-06	-0.037327	-0.059623	
0.57742	0.008239	-0.069989	-0.033653
1.90E-06	-0.023212	-0.030266	
0.71828	0.008239	-0.069989	-0.033653
1.90E-06	-0.009096	-0.000909	
0.85914	0.008239	-0.069989	-0.033653
1.90E-06	0.005019	0.028448	
1.00000	0.008239	-0.069989	-0.033653
1.90E-06	0.019135	0.057805	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-0.051943	0.596938	0.111800
-5.87E-06	0.123888	0.545193	
0.57742	-0.051943	0.596938	0.111800
-5.87E-06	0.076994	0.294808	
0.71828	-0.051943	0.596938	0.111800
-5.87E-06	0.030100	0.044423	
0.85914	-0.051943	0.596938	0.111800
-5.87E-06	-0.016795	-0.205963	
1.00000	-0.051943	0.596938	0.111800
-5.87E-06	-0.063689	-0.456348	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
720

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	0.093092	-1.015911	0.251817
4.92E-05	0.280707	-0.928084	
0.57742	0.093092	-1.015911	0.251817
4.92E-05	0.175083	-0.501961	
0.71828	0.093092	-1.015911	0.251817
4.92E-05	0.069459	-0.075838	
0.85914	0.093092	-1.015911	0.251817
4.92E-05	-0.036166	0.350285	
1.00000	0.093092	-1.015911	0.251817
4.92E-05	-0.141790	0.776408	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-0.047279	0.475389	-0.338094
-4.49E-05	-0.376318	0.431780	
0.57742	-0.047279	0.475389	-0.338094
-4.49E-05	-0.234505	0.232378	
0.71828	-0.047279	0.475389	-0.338094
-4.49E-05	-0.092692	0.032977	
0.85914	-0.047279	0.475389	-0.338094
-4.49E-05	0.049122	-0.166424	
1.00000	-0.047279	0.475389	-0.338094
-4.49E-05	0.190935	-0.365825	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.43656	0.101316	-1.082913	0.214368
5.11E-05	0.239200	-0.984311	
0.57742	0.101316	-1.082913	0.214368
5.11E-05	0.149283	-0.530084	
0.71828	0.101316	-1.082913	0.214368
5.11E-05	0.059367	-0.075857	
0.85914	0.101316	-1.082913	0.214368
5.11E-05	-0.030550	0.378370	
1.00000	0.101316	-1.082913	0.214368
5.11E-05	-0.120466	0.832596	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.43656	-0.101316	1.082913	-0.214368
-5.11E-05	-0.239200	0.984311	
0.57742	-0.101316	1.082913	-0.214368
-5.11E-05	-0.149283	0.530084	
0.71828	-0.101316	1.082913	-0.214368
-5.11E-05	-0.059367	0.075857	
0.85914	-0.101316	1.082913	-0.214368
-5.11E-05	0.030550	-0.378370	
1.00000	-0.101316	1.082913	-0.214368
-5.11E-05	0.120466	-0.832596	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.43656	0.101316	1.082913	0.251817
5.11E-05	0.280707	0.984311	
0.57742	0.101316	1.082913	0.251817
5.11E-05	0.175083	0.530084	
0.71828	0.101316	1.082913	0.251817
5.11E-05	0.069459	0.075857	
0.85914	0.101316	1.082913	0.251817
5.11E-05	0.049122	0.378370	
1.00000	0.101316	1.082913	0.251817
5.11E-05	0.190935	0.832596	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.43656	-0.101316	-1.082913	-0.338094
-5.11E-05	-0.376318	-0.984311	
0.57742	-0.101316	-1.082913	-0.338094
-5.11E-05	-0.234505	-0.530084	
0.71828	-0.101316	-1.082913	-0.338094
-5.11E-05	-0.092692	-0.075857	
0.85914	-0.101316	-1.082913	-0.338094
-5.11E-05	-0.036166	-0.378370	
1.00000	-0.101316	-1.082913	-0.338094
-5.11E-05	-0.141790	-0.832596	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
721

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 373 ========== LENGTH = 2.976711

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.000209	0.003406	-0.003472
4.83E-07	-0.001911	-0.001779	
0.14082	0.000209	0.003406	-0.003472
4.83E-07	-0.000455	-0.003207	
0.28164	0.000209	0.003406	-0.003472
4.83E-07	0.001000	-0.004634	
0.42246	0.000209	0.003406	-0.003472
4.83E-07	0.002455	-0.006062	
0.56328	0.000209	0.003406	-0.003472
4.83E-07	0.003911	-0.007489	

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.003369	0.008227	0.011683
-1.97E-06	0.004656	-0.008619	
0.14082	-0.003369	0.008227	0.011683
-1.97E-06	0.001658	-0.012967	
0.28164	-0.003369	0.008227	0.011683
-1.97E-06	-0.003239	-0.016416	
0.42246	-0.003369	0.008227	0.011683
-1.97E-06	-0.008137	-0.019864	
0.56328	-0.003369	0.008227	0.011683
-1.97E-06	-0.013034	-0.023313	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.013110	-0.061337	-0.033117
6.38E-06	-0.018621	0.054500	
0.14082	0.013110	-0.061337	-0.033117
6.38E-06	-0.004740	0.080211	
0.28164	0.013110	-0.061337	-0.033117
6.38E-06	0.009142	0.105922	
0.42246	0.013110	-0.061337	-0.033117
6.38E-06	0.023024	0.131633	
0.56328	0.013110	-0.061337	-0.033117
6.38E-06	0.036906	0.157344	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.069416	0.566826	0.109007
-1.81E-05	0.061205	-0.445047	
0.14082	-0.069416	0.566826	0.109007
-1.81E-05	0.015512	-0.682648	
0.28164	-0.069416	0.566826	0.109007
-1.81E-05	-0.030181	-0.920248	
0.42246	-0.069416	0.566826	0.109007
-1.81E-05	-0.075874	-1.157849	
0.56328	-0.069416	0.566826	0.109007
-1.81E-05	-0.121567	-1.395450	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.116667	-0.974131	0.250744
8.14E-06	0.140369	0.760816	
0.14082	0.116667	-0.974131	0.250744
8.14E-06	0.135263	1.169150	
0.28164	0.116667	-0.974131	0.250744
8.14E-06	-0.069844	1.577484	
0.42246	0.116667	-0.974131	0.250744
8.14E-06	-0.174950	1.985818	
0.56328	0.116667	-0.974131	0.250744
8.14E-06	-0.280056	2.394152	

LOAD -P6 ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.057200	0.457010	-0.334845
5.03E-06	-0.187598	-0.358971	
0.14082	-0.057200	0.457010	-0.334845
5.03E-06	-0.047238	-0.550539	
0.28164	-0.057200	0.457010	-0.334845
5.03E-06	0.093122	-0.742108	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
722

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST T	P M2	V2 M3	V3
0.42246	-0.057200	0.457010	-0.334845
5.03E-06	0.233481	-0.933676	
0.56328	-0.057200	0.457010	-0.334845
5.03E-06	0.373841	-1.125244	

LOAD -2N+1- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	0.129985	-1.032062	0.214155
1.50E-05	0.119837	0.813537	
0.14082	0.129985	-1.032062	0.214155
1.50E-05	0.030068	1.246155	
0.28164	0.129985	-1.032062	0.214155
1.50E-05	-0.059701	1.678772	
0.42246	0.129985	-1.032062	0.214155
1.50E-05	-0.149470	2.111389	
0.56328	0.129985	-1.032062	0.214155
1.50E-05	-0.239240	2.544007	

LOAD -2N+2- ----------

REL DIST T	P M2	V2 M3	V3
0.00000	-0.129985	1.032062	-0.214155
-1.50E-05	-0.119837	-0.813537	
0.14082	-0.129985	1.032062	-0.214155
-1.50E-05	-0.030068	-1.246155	
0.28164	-0.129985	1.032062	-0.214155
-1.50E-05	0.059701	-1.678772	
0.42246	-0.129985	1.032062	-0.214155
-1.50E-05	0.149470	-2.111389	
0.56328	-0.129985	1.032062	-0.214155
-1.50E-05	0.239240	-2.544007	

COMB SETTLE ---------- MAX

REL DIST T	P M2	V2 M3	V3
0.00000	0.129985	1.032062	0.250744
1.50E-05	0.140369	0.813537	
0.14082	0.129985	1.032062	0.250744
1.50E-05	0.035263	1.246155	
0.28164	0.129985	1.032062	0.250744
1.50E-05	0.093122	1.678772	
0.42246	0.129985	1.032062	0.250744
1.50E-05	0.233481	2.111389	
0.56328	0.129985	1.032062	0.250744
1.50E-05	0.373841	2.544007	

COMB SETTLE ---------- MIN

REL DIST T	P M2	V2 M3	V3
0.00000	-0.129985	-1.032062	-0.334845
-1.81E-05	-0.187598	-0.813537	
0.14082	-0.129985	-1.032062	-0.334845
-1.81E-05	-0.047238	-1.246155	
0.28164	-0.129985	-1.032062	-0.334845
-1.81E-05	-0.069844	-1.678772	
0.42246	-0.129985	-1.032062	-0.334845
-1.81E-05	-0.174950	-2.111389	
0.56328	-0.129985	-1.032062	-0.334845
-1.81E-05	-0.280056	-2.544007	

ELEM 374 ========== LENGTH = 2.977216

LOAD -P1 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.000608	0.002250	-0.002767
-1.16E-07	-0.003043	0.002559	
0.57749	0.000608	0.002250	-0.002767
-1.16E-07	-0.001883	0.001615	
0.71832	0.000608	0.002250	-0.002767
-1.16E-07	-0.000722	0.000672	
0.85916	0.000608	0.002250	-0.002767
-1.16E-07	0.000438	-0.000272	
1.00000	0.000608	0.002250	-0.002767
-1.16E-07	0.001598	-0.001215	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
723

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.004330	0.002828	0.006092
-1.19E-07	0.006735	-0.003905	
0.57749	-0.004330	0.002828	0.006092
-1.19E-07	0.004180	-0.005091	
0.71832	-0.004330	0.002828	0.006092
-1.19E-07	0.001626	-0.006277	
0.85916	-0.004330	0.002828	0.006092
-1.19E-07	-0.000929	-0.007463	
1.00000	-0.004330	0.002828	0.006092
-1.19E-07	-0.003483	-0.008649	

LOAD -P3 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	0.017602	-0.028058	-0.011417
1.36E-06	-0.012564	0.000482	
0.57749	0.017602	-0.028058	-0.011417
1.36E-06	-0.007777	0.012347	
0.71832	0.017602	-0.028058	-0.011417
1.36E-06	-0.002989	0.024012	
0.85916	0.017602	-0.028058	-0.011417
1.36E-06	0.001798	0.035777	
1.00000	0.017602	-0.028058	-0.011417
1.36E-06	0.006585	0.047542	

LOAD -P4 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.006558	0.303008	0.031867
-7.34E-06	0.034930	0.196219	
0.57749	-0.006558	0.303008	0.031867
-7.34E-06	0.021567	0.069166	
0.71832	-0.006558	0.303008	0.031867
-7.34E-06	0.008205	-0.057886	
0.85916	-0.006558	0.303008	0.031867
-7.34E-06	-0.005157	-0.184939	
1.00000	-0.006558	0.303008	0.031867
-7.34E-06	-0.018519	-0.311991	

LOAD -P5 ----------

REL DIST T	P M2	V2 M3	V3
0.43665	-0.005878	-0.542279	0.363107
5.33E-05	0.404374	-0.399368	
0.57749	-0.005878	-0.542279	0.363107
5.33E-05	0.252122	-0.171988	
0.71832	-0.005878	-0.542279	0.363107
5.33E-05	0.099870	0.055392	
0.85916	-0.005878	-0.542279	0.363107
5.33E-05	-0.052382	0.282771	
1.00000	-0.005878	-0.542279	0.363107
5.33E-05	-0.204634	0.510151	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.001442	0.262251	-0.386882
-4.71E-05	-0.430431	0.204014	
0.57749	-0.001442	0.262251	-0.386882
-4.71E-05	-0.268210	0.094051	
0.71832	-0.001442	0.262251	-0.386882
-4.71E-05	-0.105989	-0.015912	
0.85916	-0.001442	0.262251	-0.386882
-4.71E-05	0.056232	-0.125875	
1.00000	-0.001442	0.262251	-0.386882
-4.71E-05	0.218453	-0.235838	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.012331	-0.568087	0.348922
5.45E-05	0.388767	-0.396327	
0.57749	0.012331	-0.568087	0.348922
5.45E-05	0.242463	-0.158126	
0.71832	0.012331	-0.568087	0.348922
5.45E-05	0.096158	0.080075	
0.85916	0.012331	-0.568087	0.348922
5.45E-05	-0.050146	0.318277	
1.00000	0.012331	-0.568087	0.348922
5.45E-05	-0.196451	0.556478	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
724

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.012331	0.568087	-0.348922
-5.45E-05	-0.388767	0.396327	
0.57749	-0.012331	0.568087	-0.348922
-5.45E-05	-0.242463	0.158126	
0.71832	-0.012331	0.568087	-0.348922
-5.45E-05	-0.096158	-0.080075	
0.85916	-0.012331	0.568087	-0.348922
-5.45E-05	0.050146	-0.318277	
1.00000	-0.012331	0.568087	-0.348922
-5.45E-05	0.196451	-0.556478	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43665	0.017602	0.568087	0.363107
5.45E-05	0.404374	0.396327	
0.57749	0.017602	0.568087	0.363107
5.45E-05	0.252122	0.158126	
0.71832	0.017602	0.568087	0.363107
5.45E-05	0.099870	0.080075	
0.85916	0.017602	0.568087	0.363107
5.45E-05	0.056232	0.318277	
1.00000	0.017602	0.568087	0.363107
5.45E-05	0.218453	0.556478	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43665	-0.012331	-0.568087	-0.386882
-5.45E-05	-0.430431	-0.399368	
0.57749	-0.012331	-0.568087	-0.386882
-5.45E-05	-0.268210	-0.171988	
0.71832	-0.012331	-0.568087	-0.386882
-5.45E-05	-0.105989	-0.080075	
0.85916	-0.012331	-0.568087	-0.386882
-5.45E-05	-0.052382	-0.318277	
1.00000	-0.012331	-0.568087	-0.386882
-5.45E-05	-0.204634	-0.556478	

ELEM 375 ========== LENGTH = 2.977120

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000865	0.001637	-0.002512
2.91E-07	-0.001380	-0.001369	
0.14083	0.000865	0.001637	-0.002512
2.91E-07	-0.000326	-0.002055	
0.28167	0.000865	0.001637	-0.002512
2.91E-07	0.000727	-0.002742	
0.42250	0.000865	0.001637	-0.002512
2.91E-07	0.001780	-0.003428	
0.56334	0.000865	0.001637	-0.002512
2.91E-07	0.002833	-0.004115	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005787	0.006196	0.005891
-1.05E-06	0.003301	-0.007794	
0.14083	-0.005787	0.006196	0.005891
-1.05E-06	0.000831	-0.010392	
0.28167	-0.005787	0.006196	0.005891
-1.05E-06	-0.001639	-0.012990	
0.42250	-0.005787	0.006196	0.005891
-1.05E-06	-0.004108	-0.015588	
0.56334	-0.005787	0.006196	0.005891
-1.05E-06	-0.006578	-0.018186	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023108	-0.040312	-0.010957
3.15E-06	-0.006163	0.044422	
0.14083	0.023108	-0.040312	-0.010957
3.15E-06	-0.001569	0.061324	
0.28167	0.023108	-0.040312	-0.010957
3.15E-06	0.003025	0.078226	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
725

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42250	0.023108	-0.040312	-0.010957
3.15E-06	0.095129	-0.061219	
0.56334	0.023108	-0.040312	-0.010957
3.15E-06	0.012213	0.112031	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.026153	0.344353	0.029435
-8.99E-06	0.016524	-0.301337	
0.14083	-0.026153	0.344353	0.029435
-8.99E-06	0.004183	-0.445718	
0.28167	-0.026153	0.344353	0.029435
-8.99E-06	-0.008159	-0.590098	
0.42250	-0.026153	0.344353	0.029435
-8.99E-06	-0.020500	-0.734478	
0.56334	-0.026153	0.344353	0.029435
-8.99E-06	-0.032841	-0.878859	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020788	-0.598997	0.360447
-2.93E-06	0.201836	0.495464	
0.14083	0.020788	-0.598997	0.360447
-2.93E-06	0.050708	0.746611	
0.28167	0.020788	-0.598997	0.360447
-2.93E-06	-0.100420	0.997758	
0.42250	0.020788	-0.598997	0.360447
-2.93E-06	-0.251548	1.248906	
0.56334	0.020788	-0.598997	0.360447
-2.93E-06	-0.402676	1.500053	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012820	0.287123	-0.382304
9.54E-06	-0.214119	-0.229385	
0.14083	-0.012820	0.287123	-0.382304
9.54E-06	-0.053827	-0.349770	
0.28167	-0.012820	0.287123	-0.382304
9.54E-06	0.106466	-0.470155	
0.42250	-0.012820	0.287123	-0.382304
9.54E-06	0.266758	-0.590540	
0.56334	-0.012820	0.287123	-0.382304
9.54E-06	0.427050	-0.710925	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044760	-0.637672	0.346978
5.04E-07	0.194294	0.538517	
0.14083	0.044760	-0.637672	0.346978
5.04E-07	0.048813	-0.805880	
0.28167	0.044760	-0.637672	0.346978
5.04E-07	-0.096668	1.073243	
0.42250	0.044760	-0.637672	0.346978
5.04E-07	-0.242149	1.340606	
0.56334	0.044760	-0.637672	0.346978
5.04E-07	-0.387631	1.607970	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044760	0.637672	-0.346978
-5.04E-07	-0.194294	-0.538517	
0.14083	-0.044760	0.637672	-0.346978
-5.04E-07	-0.048813	-0.805880	
0.28167	-0.044760	0.637672	-0.346978
-5.04E-07	0.096668	-1.073243	
0.42250	-0.044760	0.637672	-0.346978
-5.04E-07	0.242149	-1.340606	
0.56334	-0.044760	0.637672	-0.346978
-5.04E-07	0.387631	-1.607970	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044760	0.637672	0.360447
9.54E-06	0.201836	0.538517	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
726

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14083	0.044760	0.637672	0.360447
9.54E-06	0.050708	0.805880	
0.28167	0.044760	0.637672	0.360447
9.54E-06	0.106466	1.073243	
0.42250	0.044760	0.637672	0.360447
9.54E-06	0.266758	1.340606	
0.56334	0.044760	0.637672	0.360447
9.54E-06	0.427050	1.607970	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044760	-0.637672	-0.382304
-8.99E-06	-0.214119	-0.538517	
0.14083	-0.044760	-0.637672	-0.382304
-8.99E-06	-0.053827	-0.805880	
0.28167	-0.044760	-0.637672	-0.382304
-8.99E-06	-0.100420	-1.073243	
0.42250	-0.044760	-0.637672	-0.382304
-8.99E-06	-0.251548	-1.340606	
0.56334	-0.044760	-0.637672	-0.382304
-8.99E-06	-0.402676	-1.607970	

ELEM 376 ========== LENGTH = 2.976612

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.002090	0.001228	-0.001867
-1.81E-07	-0.002044	0.002672	
0.57755	0.002090	0.001228	-0.001867
-1.81E-07	-0.001261	0.002158	
0.71837	0.002090	0.001228	-0.001867
-1.81E-07	-0.000479	0.001643	
0.85918	0.002090	0.001228	-0.001867
-1.81E-07	0.000303	0.001129	
1.00000	0.002090	0.001228	-0.001867
-1.81E-07	0.001086	0.000614	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.010801	0.001617	0.000950
1.25E-07	0.001000	-0.001699	
0.57755	-0.010801	0.001617	0.000950
1.25E-07	0.000602	-0.012377	
0.71837	-0.010801	0.001617	0.000950
1.25E-07	0.000204	-0.013055	
0.85918	-0.010801	0.001617	0.000950
1.25E-07	-0.000194	-0.013732	
1.00000	-0.010801	0.001617	0.000950
1.25E-07	-0.000592	-0.014410	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.039454	-0.015650	0.008189
6.42E-07	0.009294	0.037896	
0.57755	0.039454	-0.015650	0.008189
6.42E-07	0.005862	0.044455	
0.71837	0.039454	-0.015650	0.008189
6.42E-07	0.002429	0.051015	
0.85918	0.039454	-0.015650	0.008189
6.42E-07	-0.001003	0.057575	
1.00000	0.039454	-0.015650	0.008189
6.42E-07	-0.004436	0.064135	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.036090	0.169516	-0.039219
-7.58E-06	-0.044210	0.056302	
0.57755	0.036090	0.169516	-0.039219
-7.58E-06	-0.027772	-0.014752	
0.71837	0.036090	0.169516	-0.039219
-7.58E-06	-0.011333	-0.085805	
0.85918	0.036090	0.169516	-0.039219
-7.58E-06	0.005106	-0.156858	
1.00000	0.036090	0.169516	-0.039219
-7.58E-06	0.021544	-0.227912	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
727

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.134764	-0.317679	0.462304
5.54E-05	0.514509	-0.226567	
0.57755	-0.134764	-0.317679	0.462304
5.54E-05	0.320733	-0.093411	
0.71837	-0.134764	-0.317679	0.462304
5.54E-05	0.126957	0.039745	
0.85918	-0.134764	-0.317679	0.462304
5.54E-05	-0.066819	0.172901	
1.00000	-0.134764	-0.317679	0.462304
5.54E-05	-0.260596	0.306057	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.067931	0.160968	-0.430357
-4.84E-05	0.478649	0.141397	
0.57755	0.067931	0.160968	-0.430357
-4.84E-05	-0.298164	0.073927	
0.71837	0.067931	0.160968	-0.430357
-4.84E-05	-0.117778	0.006456	
0.85918	0.067931	0.160968	-0.430357
-4.84E-05	0.062607	-0.061014	
1.00000	0.067931	0.160968	-0.430357
-4.84E-05	0.242993	-0.128484	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.093221	-0.332101	0.468626
5.58E-05	0.521759	-0.185999	
0.57755	-0.093221	-0.332101	0.468626
5.58E-05	0.325333	-0.046798	
0.71837	-0.093221	-0.332101	0.468626
5.58E-05	0.128907	0.092403	
0.85918	-0.093221	-0.332101	0.468626
5.58E-05	-0.067519	0.231605	
1.00000	-0.093221	-0.332101	0.468626
5.58E-05	-0.263945	0.370806	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.093221	0.332101	-0.468626
-5.58E-05	-0.521759	0.185999	
0.57755	0.093221	0.332101	-0.468626
-5.58E-05	-0.325333	0.046798	
0.71837	0.093221	0.332101	-0.468626
-5.58E-05	-0.128907	-0.092403	
0.85918	0.093221	0.332101	-0.468626
-5.58E-05	0.067519	-0.231605	
1.00000	0.093221	0.332101	-0.468626
-5.58E-05	0.263945	-0.370806	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43674	0.093221	0.332101	0.468626
5.58E-05	0.521759	0.185999	
0.57755	0.093221	0.332101	0.468626
5.58E-05	0.325333	0.073927	
0.71837	0.093221	0.332101	0.468626
5.58E-05	0.128907	0.092403	
0.85918	0.093221	0.332101	0.468626
5.58E-05	0.067519	0.231605	
1.00000	0.093221	0.332101	0.468626
5.58E-05	0.263945	0.370806	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43674	-0.134764	-0.332101	-0.468626
-5.58E-05	-0.521759	-0.226567	
0.57755	-0.134764	-0.332101	-0.468626
-5.58E-05	-0.325333	-0.093411	
0.71837	-0.134764	-0.332101	-0.468626
-5.58E-05	-0.128907	-0.092403	
0.85918	-0.134764	-0.332101	-0.468626
-5.58E-05	-0.067519	-0.231605	
1.00000	-0.134764	-0.332101	-0.468626
-5.58E-05	-0.263945	-0.370806	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
728

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 377 ========== LENGTH = 2.977605

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002278	0.001224	-0.001657
1.16E-07	-0.000907	0.000478	
0.14083	0.002278	0.001224	-0.001657
1.16E-07	-0.000212	-3.48E-05	
0.28170	0.002278	0.001224	-0.001657
1.16E-07	0.000483	-0.000548	
0.42256	0.002278	0.001224	-0.001657
1.16E-07	0.001178	-0.001061	
0.56341	0.002278	0.001224	-0.001657
1.16E-07	0.001872	-0.001574	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011873	0.001620	0.000781
-1.62E-07	0.000440	-0.012857	
0.14085	-0.011873	0.001620	0.000781
-1.62E-07	0.000112	-0.014337	
0.28170	-0.011873	0.001620	0.000781
-1.62E-07	-0.000216	-0.015016	
0.42256	-0.011873	0.001620	0.000781
-1.62E-07	-0.000543	-0.015695	
0.56341	-0.011873	0.001620	0.000781
-1.62E-07	-0.000871	-0.016374	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043527	-0.015638	0.008526
-4.52E-08	0.004751	0.061387	
0.14085	0.043527	-0.015638	0.008526
-4.52E-08	0.001176	0.067945	
0.28170	0.043527	-0.015638	0.008526
-4.52E-08	-0.002400	0.074504	
0.42256	0.043527	-0.015638	0.008526
-4.52E-08	-0.005976	0.081063	
0.56341	0.043527	-0.015638	0.008526
-4.52E-08	-0.009552	0.087622	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021464	0.169043	-0.040453
7.36E-07	-0.022509	-0.218528	
0.14085	0.021464	0.169043	-0.040453
7.36E-07	-0.005543	-0.289425	
0.28170	0.021464	0.169043	-0.040453
7.36E-07	0.011423	-0.360322	
0.42256	0.021464	0.169043	-0.040453
7.36E-07	0.028389	-0.431219	
0.56341	0.021464	0.169043	-0.040453
7.36E-07	0.045355	-0.502115	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114912	-0.316764	0.456389
-1.54E-05	0.255309	0.293120	
0.14085	-0.114912	-0.316764	0.456389
-1.54E-05	0.063898	0.425971	
0.28170	-0.114912	-0.316764	0.456389
-1.54E-05	-0.127512	0.558823	
0.42256	-0.114912	-0.316764	0.456389
-1.54E-05	-0.318922	0.691674	
0.56341	-0.114912	-0.316764	0.456389
-1.54E-05	-0.510332	0.824525	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.059516	0.160517	-0.423587
1.47E-05	-0.237084	-0.122799	
0.14085	0.059516	0.160517	-0.423587
1.47E-05	-0.059431	-0.190120	
0.28170	0.059516	0.160517	-0.423587
1.47E-05	0.118222	-0.257441	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
729

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42256	0.059516	0.160517	-0.423587
1.47E-05	0.295875	-0.324762	
0.56341	0.059516	0.160517	-0.423587
1.47E-05	0.473527	-0.392083	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069108	-0.331179	0.463258
-1.53E-05	0.259153	0.354985	
0.14085	-0.069108	-0.331179	0.463258
-1.53E-05	0.064862	0.493882	
0.28170	-0.069108	-0.331179	0.463258
-1.53E-05	-0.129429	0.632779	
0.42256	-0.069108	-0.331179	0.463258
-1.53E-05	-0.323720	0.771676	
0.56341	-0.069108	-0.331179	0.463258
-1.53E-05	-0.518012	0.910573	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069108	0.331179	-0.463258
1.53E-05	-0.259153	-0.354985	
0.14085	0.069108	0.331179	-0.463258
1.53E-05	-0.064862	-0.493882	
0.28170	0.069108	0.331179	-0.463258
1.53E-05	0.129429	0.632779	
0.42256	0.069108	0.331179	-0.463258
1.53E-05	0.323720	0.771676	
0.56341	0.069108	0.331179	-0.463258
1.53E-05	0.518012	0.910573	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069108	0.331179	0.463258
1.53E-05	0.259153	0.354985	
0.14085	0.069108	0.331179	0.463258
1.53E-05	0.064862	0.493882	
0.28170	0.069108	0.331179	0.463258
1.53E-05	0.129429	0.632779	
0.42256	0.069108	0.331179	0.463258
1.53E-05	0.323720	0.771676	
0.56341	0.069108	0.331179	0.463258
1.53E-05	0.518012	0.910573	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114912	-0.331179	-0.463258
-1.54E-05	-0.259153	-0.354985	
0.14085	-0.114912	-0.331179	-0.463258
-1.54E-05	-0.064862	-0.493882	
0.28170	-0.114912	-0.331179	-0.463258
-1.54E-05	-0.129429	-0.632779	
0.42256	-0.114912	-0.331179	-0.463258
-1.54E-05	-0.323720	-0.771676	
0.56341	-0.114912	-0.331179	-0.463258
-1.54E-05	-0.518012	-0.910573	

ELEM 378 ========== LENGTH = 2.977174

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.003063	0.000561	-0.001131
-2.54E-07	-0.001229	0.001026	
0.57749	0.003063	0.000561	-0.001131
-2.54E-07	-0.000754	0.003791	
0.71833	0.003063	0.000561	-0.001131
-2.54E-07	-0.000280	0.003555	
0.85916	0.003063	0.000561	-0.001131
-2.54E-07	0.000194	0.003320	
1.00000	0.003063	0.000561	-0.001131
-2.54E-07	0.000668	0.003085	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
730

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.015451	0.001412	-0.003246
4.66E-07	-0.003676	-0.021562	
0.57749	-0.015451	0.001412	-0.003246
4.66E-07	-0.002315	-0.022154	
0.71833	-0.015451	0.001412	-0.003246
4.66E-07	-0.000954	-0.022746	
0.85916	-0.015451	0.001412	-0.003246
4.66E-07	0.000407	-0.023339	
1.00000	-0.015451	0.001412	-0.003246
4.66E-07	0.001768	-0.023931	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.055015	-0.010378	0.024177
-4.97E-07	0.027117	0.077146	
0.57749	0.055015	-0.010378	0.024177
-4.97E-07	0.016979	0.081497	
0.71833	0.055015	-0.010378	0.024177
-4.97E-07	0.006842	0.085849	
0.85916	0.055015	-0.010378	0.024177
-4.97E-07	-0.003295	0.090200	
1.00000	0.055015	-0.010378	0.024177
-4.97E-07	-0.013432	0.094551	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	0.055891	0.073517	-0.098236
-6.63E-06	-0.109768	-0.017105	
0.57749	0.055891	0.073517	-0.098236
-6.63E-06	-0.068578	-0.047930	
0.71833	0.055891	0.073517	-0.098236
-6.63E-06	-0.027388	-0.078756	
0.85916	0.055891	0.073517	-0.098236
-6.63E-06	0.013802	-0.109581	
1.00000	0.055891	0.073517	-0.098236
-6.63E-06	0.054991	-0.140406	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43666	-0.203664	-0.147361	0.544102
5.60E-05	0.605319	-0.185883	
0.57749	-0.203664	-0.147361	0.544102
5.60E-05	0.377180	-0.124096	
0.71833	-0.203664	-0.147361	0.544102
5.60E-05	0.149042	-0.062308	
0.85916	-0.203664	-0.147361	0.544102
5.60E-05	-0.079097	-0.000521	
1.00000	-0.203664	-0.147361	0.544102
5.60E-05	-0.307235	0.061266	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666	0.105146	0.082248	-0.465666	
-4.91E-05	-0.51763	0.143379		
0.57749	0.105146	0.082248	-0.465666	
-4.91E-05	-0.322512	0.108893		
0.71833	0.105146	0.082248	-0.465666	
-4.91E-05	-0.127261	0.074406		
0.85916	0.105146	0.082248	-0.465666	
-4.91E-05	0.067989	0.039920		
1.00000	0.105146	0.082248	-0.465666	
-4.91E-05	0.263240	0.005434		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666	-0.145585	-0.157178	0.567148	
5.52E-05	0.631207	-0.104712		
0.57749	-0.145585	-0.157178	0.567148	
5.52E-05	0.393405	-0.038808		
0.71833	-0.145585	-0.157178	0.567148	
5.52E-05	0.155604	0.027096		
0.85916	-0.145585	-0.157178	0.567148	
5.52E-05	-0.082198	0.092999		
1.00000	-0.145585	-0.157178	0.567148	
5.52E-05	-0.319999	0.158903		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 731
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666	0.145585	0.157178	-0.567148	
-5.52E-05	-0.631207	0.104712		
0.57749	0.145585	0.157178	-0.567148	
-5.52E-05	-0.393405	0.038808		
0.71833	0.145585	0.157178	-0.567148	
-5.52E-05	0.155604	-0.027096		
0.85916	0.145585	0.157178	-0.567148	
-5.52E-05	0.082198	-0.092999		
1.00000	0.145585	0.157178	-0.567148	
-5.52E-05	0.319999	-0.158903		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666	0.145585	0.157178	0.567148	
5.60E-05	0.631207	0.143379		
0.57749	0.145585	0.157178	0.567148	
5.60E-05	0.393405	0.108893		
0.71833	0.145585	0.157178	0.567148	
5.60E-05	0.155604	0.085849		
0.85916	0.145585	0.157178	0.567148	
5.60E-05	0.082198	0.092999		
1.00000	0.145585	0.157178	0.567148	
5.60E-05	0.319999	0.158903		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43666	-0.203664	-0.157178	-0.567148	
-5.52E-05	-0.631207	-0.185883		
0.57749	-0.203664	-0.157178	-0.567148	
-5.52E-05	-0.393405	-0.124096		
0.71833	-0.203664	-0.157178	-0.567148	
-5.52E-05	-0.155604	-0.078756		
0.85916	-0.203664	-0.157178	-0.567148	
-5.52E-05	-0.082198	-0.109581		
1.00000	-0.203664	-0.157178	-0.567148	
-5.52E-05	-0.319999	-0.158903		

ELEM 379 ========== LENGTH = 2.978167

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.003217	0.000554	-0.000935	
-2.69E-08	-0.000504	0.002973		
0.14087	0.003217	0.000554	-0.000935	
-2.69E-08	-0.000111	0.002740		
0.28174	0.003217	0.000554	-0.000935	
-2.69E-08	0.000281	0.002508		
0.42262	0.003217	0.000554	-0.000935	
-2.69E-08	0.000674	0.002275		
0.56349	0.003217	0.000554	-0.000935	
-2.69E-08	0.001066	0.002043		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.016326	0.001441	-0.003503	
5.88E-07	-0.001982	-0.023310		
0.14087	-0.016326	0.001441	-0.003503	
5.88E-07	-0.000513	-0.023914		
0.28174	-0.016326	0.001441	-0.003503	
5.88E-07	0.000957	-0.024519		
0.42262	-0.016326	0.001441	-0.003503	
5.88E-07	0.002427	-0.025123		
0.56349	-0.016326	0.001441	-0.003503	
5.88E-07	0.003897	-0.025728		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.058334	-0.010467	0.024831	
-2.76E-06	0.013971	0.092284		
0.14087	0.058334	-0.010467	0.024831	
-2.76E-06	0.003554	0.096675		
0.28174	0.058334	-0.010467	0.024831	
-2.76E-06	-0.006864	0.101067		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 732
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42262	0.058334	-0.010467	0.024831	
-2.76E-06	0.017282	0.105458		
0.56349	0.058334	-0.010467	0.024831	
-2.76E-06	-0.027699	0.109850		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.044052	0.073686	-0.097946	
9.44E-06	-0.054714	-0.132655		
0.14087	0.044052	0.073686	-0.097946	
9.44E-06	-0.013622	-0.163569		
0.28174	0.044052	0.073686	-0.097946	
9.44E-06	0.027470	-0.194484		
0.42262	0.044052	0.073686	-0.097946	
9.44E-06	0.068562	-0.225398		
0.56349	0.044052	0.073686	-0.097946	
9.44E-06	0.109655	-0.256313		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.187674	-0.147451	0.534486	
-2.67E-05	0.298993	0.050571		
0.14087	-0.187674	-0.147451	0.534486	
-2.67E-05	0.074754	-0.112433		
0.28174	-0.187674	-0.147451	0.534486	
-2.67E-05	-0.149485	0.174295		
0.42262	-0.187674	-0.147451	0.534486	
-2.67E-05	-0.373725	0.236157		
0.56349	-0.187674	-0.147451	0.534486	
-2.67E-05	-0.597964	0.298019		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.098397	0.082237	-0.456933	
1.95E-05	-0.255764	0.010137		
0.14087	0.098397	0.082237	-0.456933	
1.95E-05	-0.064061	-0.024365		
0.28174	0.098397	0.082237	-0.456933	
1.95E-05	0.127641	-0.058867		
0.42262	0.098397	0.082237	-0.456933	
1.95E-05	0.319344	-0.093369		
0.56349	0.098397	0.082237	-0.456933	
1.95E-05	0.511046	-0.127871		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.126123	-0.157364	0.558382	
-2.95E-05	0.312461	0.145828		
0.14087	-0.126123	-0.157364	0.558382	
-2.95E-05	0.078196	0.211849		
0.28174	-0.126123	-0.157364	0.558382	
-2.95E-05	-0.156068	0.277870		
0.42262	-0.126123	-0.157364	0.558382	
-2.95E-05	-0.390333	0.343891		
0.56349	-0.126123	-0.157364	0.558382	
-2.95E-05	-0.624597	0.409911		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.126123	0.157364	-0.558382	
2.95E-05	-0.312461	-0.145828		
0.14087	0.126123	0.157364	-0.558382	
2.95E-05	-0.078196	-0.211849		
0.28174	0.126123	0.157364	-0.558382	
2.95E-05	0.156068	-0.277870		
0.42262	0.126123	0.157364	-0.558382	
2.95E-05	0.390333	-0.343891		
0.56349	0.126123	0.157364	-0.558382	
2.95E-05	0.624597	-0.409911		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.126123	0.157364	0.558382	
2.95E-05	0.312461	0.145828		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 733
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14087	0.126123	0.157364	0.558382	
2.95E-05	0.078196	0.211849		
0.28174	0.126123	0.157364	0.558382	
2.95E-05	0.156068	0.277870		
0.42262	0.126123	0.157364	0.558382	
2.95E-05	0.390333	0.343891		
0.56349	0.126123	0.157364	0.558382	
2.95E-05	0.624597	0.409911		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.187674	-0.157364	-0.558382	
-2.95E-05	-0.312461	-0.145828		
0.14087	-0.187674	-0.157364	-0.558382	
-2.95E-05	-0.078196	-0.211849		
0.28174	-0.187674	-0.157364	-0.558382	
-2.95E-05	-0.156068	-0.277870		
0.42262	-0.187674	-0.157364	-0.558382	
-2.95E-05	-0.390333	-0.343891		
0.56349	-0.187674	-0.157364	-0.558382	
-2.95E-05	-0.624597	-0.409911		

ELEM 380 ========== LENGTH = 2.976819

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.001330	-0.000615	-0.000557	
-3.39E-07	-0.000588	0.006177		
0.57753	0.001330	-0.000615	-0.000557	
-3.39E-07	-0.000355	0.006435		
0.71835	0.001330	-0.000615	-0.000557	
-3.39E-07	-0.000121	0.006692		
0.85918	0.001330	-0.000615	-0.000557	
-3.39E-07	0.000112	0.006950		
1.00000	0.001330	-0.000615	-0.000557	
-3.39E-07	0.000345	0.007208		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.006372	0.005502	-0.006532	
8.92E-07	-0.007356	-0.033513		
0.57753	-0.006372	0.005502	-0.006532	
8.92E-07	-0.004618	-0.035819		
0.71835	-0.006372	0.005502	-0.006532	
8.92E-07	-0.001880	-0.038126		
0.85918	-0.006372	0.005502	-0.006532	
8.92E-07	0.000858	-0.040432		
1.00000	-0.006372	0.005502	-0.006532	
8.92E-07	0.003596	-0.042739		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.021888	-0.022493	0.036704	
-1.97E-06	0.041142	0.121204		
0.57753	0.021888	-0.022493	0.036704	
-1.97E-06	0.025755	0.130633		
0.71835	0.021888	-0.022493	0.036704	
-1.97E-06	0.010368	0.140062		
0.85918	0.021888	-0.022493	0.036704	
-1.97E-06	-0.005018	0.149491		
1.00000	0.021888	-0.022493	0.036704	
-1.97E-06	-0.020405	0.158921		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.027251	0.010235	-0.145098	
-5.05E-06	-0.161756	-0.058079		
0.57753	0.027251	0.010235	-0.145098	
-5.05E-06	-0.100930	-0.062369		
0.71835	0.027251	0.010235	-0.145098	
-5.05E-06	-0.040104	-0.066660		
0.85918	0.027251	0.010235	-0.145098	
-5.05E-06	0.020722	-0.070950		
1.00000	0.027251	0.010235	-0.145098	
-5.05E-06	0.081548	-0.075241		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 734
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.090759	0.000623	0.609386	
5.63E-05	0.677413	-0.216628		
0.57753	-0.090759	0.000623	0.609386	
5.63E-05	0.421955	-0.216889		
0.71835	-0.090759	0.000623	0.609386	
5.63E-05	0.166498	-0.217150		
0.85918	-0.090759	0.000623	0.609386	
5.63E-05	-0.088960	-0.217411		
1.00000	-0.090759	0.000623	0.609386	
5.63E-05	-0.344417	-0.217672		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.046662	0.006748	-0.493903	
-4.99E-05	-0.648854	0.180839		
0.57753	0.046662	0.006748	-0.493903	
-4.99E-05	-0.341808	0.178010		
0.71835	0.046662	0.006748	-0.493903	
-4.99E-05	-0.134761	0.175181		
0.85918	0.046662	0.006748	-0.493903	
-4.99E-05	0.072286	0.172353		
1.00000	0.046662	0.006748	-0.493903	
-4.99E-05	0.279332	0.169524		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.067541	-0.022485	0.645533	
5.40E-05	0.717966	-0.089247		
0.57753	-0.067541	-0.022485	0.645533	
5.40E-05	0.447356	-0.079822		
0.71835	-0.067541	-0.022485	0.645533	
5.40E-05	0.176745	-0.070396		
0.85918	-0.067541	-0.022485	0.645533	
5.40E-05	-0.093866	-0.060970		
1.00000	-0.067541	-0.022485	0.645533	
5.40E-05	-0.364477	-0.051544		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.067541	0.022485	-0.645533	
-5.40E-05	-0.717966	0.089247		
0.57753	0.067541	0.022485	-0.645533	
-5.40E-05	-0.447356	0.079822		
0.71835	0.067541	0.022485	-0.645533	
-5.40E-05	-0.176745	0.070396		
0.85918	0.067541	0.022485	-0.645533	
-5.40E-05	0.093866	0.060970		
1.00000	0.067541	0.022485	-0.645533	
-5.40E-05	0.364477	0.051544		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	0.067541	0.022485	0.645533	
5.63E-05	0.717966	0.180839		
0.57753	0.067541	0.022485	0.645533	
5.63E-05	0.447356	0.178010		
0.71835	0.067541	0.022485	0.645533	
5.63E-05	0.176745	0.175181		
0.85918	0.067541	0.022485	0.645533	
5.63E-05	0.093866	0.172353		
1.00000	0.067541	0.022485	0.645533	
5.63E-05	0.364477	0.169524		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43671	-0.090759	-0.022493	-0.645533	
-5.40E-05	-0.717966	-0.216628		
0.57753	-0.090759	-0.022493	-0.645533	
-5.40E-05	-0.447356	-0.216889		
0.71835	-0.090759	-0.022493	-0.645533	
-5.40E-05	-0.176745	-0.217150		
0.85918	-0.090759	-0.022493	-0.645533	
-5.40E-05	-0.093866	-0.217411		
1.00000	-0.090759	-0.022493	-0.645533	
-5.40E-05	-0.364477	-0.217672		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 735
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 381 ========== LENGTH = 2.977700

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.001453	-0.000601	-0.000326	
-1.32E-07	-0.000158	0.007122		
0.14086	0.001453	-0.000601	-0.000326	
-1.32E-07	-2.13E-05	0.007374		
0.28171	0.001453	-0.000601	-0.000326	
-1.32E-07	0.000116	0.007626		
0.42257	0.001453	-0.000601	-0.000326	
-1.32E-07	0.000252	0.007878		
0.56342	0.001453	-0.000601	-0.000326	
-1.32E-07	0.000389	0.008130		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.007066	0.005419	-0.007091	
1.15E-06	-0.001031	-0.036060		
0.14086	-0.007066	0.005419	-0.007091	
1.15E-06	-0.001057	-0.044533		
0.28171	-0.007066	0.005419	-0.007091	
1.15E-06	0.001917	-0.046806		
0.42257	-0.007066	0.005419	-0.007091	
1.15E-06	0.004891	-0.049079		
0.56342	-0.007066	0.005419	-0.007091	
1.15E-06	0.007865	-0.051352		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.024507	-0.022181	0.038438	
-4.81E-06	0.021731	0.157173		
0.14086	0.024507	-0.022181	0.038438	
-4.81E-06	0.005609	0.166477		
0.28171	0.024507	-0.022181	0.038438	
-4.81E-06	-0.010513	0.175780		
0.42257	0.024507	-0.022181	0.038438	
-4.81E-06	-0.026635	0.185083		
0.56342	0.024507	-0.022181	0.038438	
-4.81E-06	-0.042757	0.194386		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.018474	0.008118	-0.142960	
1.64E-05	-0.079797	-0.069255		
0.14086	0.018474	0.008118	-0.142960	
1.64E-05	-0.019836	-0.072660		
0.28171	0.018474	0.008118	-0.142960	
1.64E-05	0.040125	-0.076065		
0.42257	0.018474	0.008118	-0.142960	
1.64E-05	0.100086	-0.079470		
0.56342	0.018474	0.008118	-0.142960	
1.64E-05	0.160047	-0.082875		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.079541	0.004052	0.593996	
-3.59E-05	0.331685	-0.225950		
0.14086	-0.079541	0.004052	0.593996	
-3.59E-05	0.082648	-0.227650		
0.28171	-0.079541	0.004052	0.593996	
-3.59E-05	-0.166589	-0.229349		
0.42257	-0.079541	0.004052	0.593996	
-3.59E-05	-0.415726	-0.231049		
0.56342	-0.079541	0.004052	0.593996	
-3.59E-05	-0.664863	-0.232748		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.042173	0.005193	-0.482058	
2.33E-05	-0.269430	0.173170		
0.14086	0.042173	0.005193	-0.482058	
2.33E-05	-0.067243	0.170992		
0.28171	0.042173	0.005193	-0.482058	
2.33E-05	0.134944	0.168815		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 736
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42257	0.042173	0.005193	-0.482058	
2.33E-05	0.337131	0.166637		
0.56342	0.042173	0.005193	-0.482058	
2.33E-05	0.539318	0.164459		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.053581	-0.018730	0.632108	
-4.09E-05	0.353258	-0.061655		
0.14086	-0.053581	-0.018730	0.632108	
-4.09E-05	0.088136	-0.053800		
0.28171	-0.053581	-0.018730	0.632108	
-4.09E-05	-0.176986	-0.045944		
0.42257	-0.053581	-0.018730	0.632108	
-4.09E-05	-0.442109	-0.038088		
0.56342	-0.053581	-0.018730	0.632108	
-4.09E-05	-0.707231	-0.030232		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.053581	0.018730	-0.632108	
4.09E-05	-0.353258	0.061655		
0.14086	0.053581	0.018730	-0.632108	
4.09E-05	-0.088136	0.053800		
0.28171	0.053581	0.018730	-0.632108	
4.09E-05	0.176986	0.045944		
0.42257	0.053581	0.018730	-0.632108	
4.09E-05	0.442109	0.038088		
0.56342	0.053581	0.018730	-0.632108	
4.09E-05	0.707231	0.030232		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.053581	0.018730	0.632108	
4.09E-05	0.353258	0.173170		
0.14086	0.053581	0.018730	0.632108	
4.09E-05	0.088136	0.170992		
0.28171	0.053581	0.018730	0.632108	
4.09E-05	0.176986	0.175780		
0.42257	0.053581	0.018730	0.632108	
4.09E-05	0.442109	0.185083		
0.56342	0.053581	0.018730	0.632108	
4.09E-05	0.707231	0.194386		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.079541	-0.022181	-0.632108	
-4.09E-05	-0.353258	-0.225950		
0.14086	-0.079541	-0.022181	-0.632108	
-4.09E-05	-0.088136	-0.227650		
0.28171	-0.079541	-0.022181	-0.632108	
-4.09E-05	-0.176986	-0.229349		
0.42257	-0.079541	-0.022181	-0.632108	
-4.09E-05	-0.442109	-0.231049		
0.56342	-0.079541	-0.022181	-0.632108	
-4.09E-05	-0.707231	-0.232748		

ELEM 382 ========== LENGTH = 2.977533

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.004764	-0.003010	-8.81E-05	
-4.17E-07	-6.51E-05	0.008985		
0.57745	-0.004764	-0.003010	-8.81E-05	
-4.17E-07	-2.82E-05	0.010248		
0.71830	-0.004764	-0.003010	-8.81E-05	
-4.17E-07	8.76E-06	0.011510		
0.85915	-0.004764	-0.003010	-8.81E-05	
-4.17E-07	4.57E-05	0.012772		
1.00000	-0.004764	-0.003010	-8.81E-05	
-4.17E-07	8.26E-05	0.014034		

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 737
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.024824	0.016416	-0.009166	
1.28E-06	-0.010311	-0.048653		
0.57745	0.024824	0.016416	-0.009166	
1.28E-06	-0.006468	-0.055537		
0.71830	0.024824	0.016416	-0.009166	
1.28E-06	-0.002624	-0.062422		
0.85915	0.024824	0.016416	-0.009166	
1.28E-06	0.001220	-0.069306		
1.00000	0.024824	0.016416	-0.009166	
1.28E-06	0.005064	-0.076191		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.088987	-0.059575	0.046668	
-3.33E-06	0.052321	0.176350		
0.57745	-0.088987	-0.059575	0.046668	
-3.33E-06	0.032749	0.201335		
0.71830	-0.088987	-0.059575	0.046668	
-3.33E-06	0.013177	0.226320		
0.85915	-0.088987	-0.059575	0.046668	
-3.33E-06	-0.006395	0.251305		
1.00000	-0.088987	-0.059575	0.046668	
-3.33E-06	-0.025967	0.276290		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	-0.074782	0.006976	-0.179238	
-4.72E-06	-0.199575	-0.009767		
0.57745	-0.074782	0.006976	-0.179238	
-4.72E-06	-0.124405	-0.012692		
0.71830	-0.074782	0.006976	-0.179238	
-4.72E-06	-0.049236	-0.015618		
0.85915	-0.074782	0.006976	-0.179238	
-4.72E-06	0.025933	-0.018543		
1.00000	-0.074782	0.006976	-0.179238	
-4.72E-06	0.101103	-0.021468		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43660	0.328300	0.122271	0.654165	
5.91E-05	0.726902	-0.389185		
0.57745	0.328300	0.122271	0.654165	
5.91E-05	0.452556	-0.440463		
0.71830	0.328300	0.122271	0.654165	
5.91E-05	0.178210	-0.491742		
0.85915	0.328300	0.122271	0.654165	
5.91E-05	-0.096136	-0.543020		
1.00000	0.328300	0.122271	0.654165	
5.91E-05	-0.370482	-0.594299		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.184591	-0.083077	-0.512342
-5.20E-05	-0.569272	0.262269	
0.57745	-0.184591	-0.083077	-0.512342
-5.20E-05	-0.354404	0.297111	
0.71830	-0.184591	-0.083077	-0.512342
-5.20E-05	-0.139536	0.331952	
0.85915	-0.184591	-0.083077	-0.512342
-5.20E-05	0.075331	0.366793	
1.00000	-0.184591	-0.083077	-0.512342
-5.20E-05	0.290199	0.401634	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.234549	0.059686	0.700745
5.54E-05	0.779158	-0.203850	
0.57745	0.234549	0.059686	0.700745
5.54E-05	0.485277	-0.228881	
0.71830	0.234549	0.059686	0.700745
5.54E-05	0.191396	-0.253912	
0.85915	0.234549	0.059686	0.700745
5.54E-05	-0.102485	-0.278944	
1.00000	0.234549	0.059686	0.700745
5.54E-05	-0.396366	-0.303975	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
738

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.234549	-0.059686	-0.700745
-5.54E-05	-0.779158	0.203850	
0.57745	-0.234549	-0.059686	-0.700745
-5.54E-05	-0.485277	0.228881	
0.71830	-0.234549	-0.059686	-0.700745
-5.54E-05	-0.191396	0.253912	
0.85915	-0.234549	-0.059686	-0.700745
-5.54E-05	0.102485	0.278944	
1.00000	-0.234549	-0.059686	-0.700745
-5.54E-05	0.396366	0.303975	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43660	0.328300	0.122271	0.700745
5.91E-05	0.779158	0.262269	
0.57745	0.328300	0.122271	0.700745
5.91E-05	0.485277	0.297111	
0.71830	0.328300	0.122271	0.700745
5.91E-05	0.191396	0.331952	
0.85915	0.328300	0.122271	0.700745
5.91E-05	0.102485	0.366793	
1.00000	0.328300	0.122271	0.700745
5.91E-05	0.396366	0.401634	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43660	-0.234549	-0.083077	-0.700745
-5.54E-05	-0.779158	-0.389185	
0.57745	-0.234549	-0.083077	-0.700745
-5.54E-05	-0.485277	-0.440463	
0.71830	-0.234549	-0.083077	-0.700745
-5.54E-05	-0.191396	-0.491742	
0.85915	-0.234549	-0.083077	-0.700745
-5.54E-05	-0.102485	-0.543020	
1.00000	-0.234549	-0.083077	-0.700745
-5.54E-05	-0.396366	-0.594299	

ELEM 383 ========== LENGTH = 2.976426

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004674	-0.002700	0.000191
-2.08E-07	0.000140	0.013977	
0.14081	-0.004674	-0.002700	0.000191
-2.08E-07	5.95E-05	0.015109	
0.28162	-0.004674	-0.002700	0.000191
-2.08E-07	-2.08E-05	0.016240	
0.42243	-0.004674	-0.002700	0.000191
-2.08E-07	-0.000101	0.017372	
0.56323	-0.004674	-0.002700	0.000191
-2.08E-07	-0.000181	0.018504	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024315	0.014694	-0.010107
1.56E-06	-0.005776	-0.075873	
0.14081	0.024315	0.014694	-0.010107
1.56E-06	-0.001540	-0.082032	
0.28162	0.024315	0.014694	-0.010107
1.56E-06	0.002696	-0.088190	
0.42243	0.024315	0.014694	-0.010107
1.56E-06	0.006932	-0.094349	
0.56323	0.024315	0.014694	-0.010107
1.56E-06	0.011168	-0.100508	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087067	-0.053282	0.049817
-6.32E-06	0.028308	0.275130	
0.14081	-0.087067	-0.053282	0.049817
-6.32E-06	0.007429	0.297461	
0.28162	-0.087067	-0.053282	0.049817
-6.32E-06	-0.013450	0.319792	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
739

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42243	-0.087067	-0.053282	0.049817
-6.32E-06	-0.342122		
0.56323	-0.087067	-0.053282	0.049817
-6.32E-06	-0.055207	0.364453	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080054	-0.013805	-0.176075
2.35E-05	-0.098342	-0.017456	
0.14081	-0.080054	-0.013805	-0.176075
2.35E-05	-0.024548	-0.011671	
0.28162	-0.080054	-0.013805	-0.176075
2.35E-05	0.049246	-0.005885	
0.42243	-0.080054	-0.013805	-0.176075
2.35E-05	0.123040	-0.000100	
0.56323	-0.080054	-0.013805	-0.176075
2.35E-05	0.196835	0.005686	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.334532	0.150834	0.635571
-4.62E-05	0.354602	-0.599869	
0.14081	0.334532	0.150834	0.635571
-4.62E-05	0.088230	-0.663085	
0.28162	0.334532	0.150834	0.635571
-4.62E-05	-0.178142	-0.726300	
0.42243	0.334532	0.150834	0.635571
-4.62E-05	-0.444514	-0.789516	
0.56323	0.334532	0.150834	0.635571
-4.62E-05	-0.710886	-0.852732	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.187053	-0.095742	-0.499398
2.76E-05	-0.278931	0.404092	
0.14081	-0.187053	-0.095742	-0.499398
2.76E-05	-0.069630	0.444218	
0.28162	-0.187053	-0.095742	-0.499398
2.76E-05	0.139671	0.484344	
0.42243	-0.187053	-0.095742	-0.499398
2.76E-05	0.348971	0.524470	
0.56323	-0.187053	-0.095742	-0.499398
2.76E-05	0.558272	0.564596	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.242791	0.094852	0.685580
-5.27E-05	0.383049	-0.310762	
0.14081	0.242791	0.094852	0.685580
-5.27E-05	0.095718	-0.350515	
0.28162	0.242791	0.094852	0.685580
-5.27E-05	-0.191613	-0.390268	
0.42243	0.242791	0.094852	0.685580
-5.27E-05	-0.478944	-0.430022	
0.56323	0.242791	0.094852	0.685580
-5.27E-05	-0.766275	-0.469775	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242791	-0.094852	-0.685580
5.27E-05	-0.383049	0.310762	
0.14081	-0.242791	-0.094852	-0.685580
5.27E-05	-0.095718	0.350515	
0.28162	-0.242791	-0.094852	-0.685580
5.27E-05	0.191613	0.390268	
0.42243	-0.242791	-0.094852	-0.685580
5.27E-05	0.478944	0.430022	
0.56323	-0.242791	-0.094852	-0.685580
5.27E-05	0.766275	0.469775	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.334532	0.150834	0.685580
5.27E-05	0.383049	0.404092	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
740

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.14081	0.334532	0.150834	0.685580
5.27E-05	0.095718	0.444218	
0.28162	0.334532	0.150834	0.685580
5.27E-05	0.191613	0.484344	
0.42243	0.334532	0.150834	0.685580
5.27E-05	0.478944	0.524470	
0.56323	0.334532	0.150834	0.685580
5.27E-05	0.766275	0.564596	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.242791	-0.095742	-0.685580
-5.27E-05	-0.383049	-0.599869	
0.14081	-0.242791	-0.095742	-0.685580
-5.27E-05	-0.095718	-0.663085	
0.28162	-0.242791	-0.095742	-0.685580
-5.27E-05	-0.191613	-0.726300	
0.42243	-0.242791	-0.095742	-0.685580
-5.27E-05	-0.478944	-0.789516	
0.56323	-0.242791	-0.095742	-0.685580
-5.27E-05	-0.766275	-0.852732	

ELEM 384 ========== LENGTH = 2.977332

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.011149	-0.002547	0.000382
-5.21E-07	0.000462	0.020622	
0.57747	-0.011149	-0.002547	0.000382
-5.21E-07	0.000301	0.021690	
0.71832	-0.011149	-0.002547	0.000382
-5.21E-07	0.000141	0.022758	
0.85916	-0.011149	-0.002547	0.000382
-5.21E-07	-1.93E-05	0.023826	
1.00000	-0.011149	-0.002547	0.000382
-5.21E-07	-0.000180	0.024894	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.056539	0.012385	-0.011665
1.81E-06	-0.013165	-0.110001	
0.57747	0.056539	0.012385	-0.011665
1.81E-06	-0.008274	-0.115195	
0.71832	0.056539	0.012385	-0.011665
1.81E-06	-0.003382	-0.120388	
0.85916	0.056539	0.012385	-0.011665
1.81E-06	0.001510	-0.125581	
1.00000	0.056539	0.012385	-0.011665
1.81E-06	0.006401	-0.130775	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.199014	-0.043110	0.055853
-5.19E-06	0.062870	0.397053	
0.57747	-0.199014	-0.043110	0.055853
-5.19E-06	0.039448	0.415131	
0.71832	-0.199014	-0.043110	0.055853
-5.19E-06	0.016027	0.433208	
0.85916	-0.199014	-0.043110	0.055853
-5.19E-06	-0.007394	0.451286	
1.00000	-0.199014	-0.043110	0.055853
-5.19E-06	-0.030815	0.469363	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.190162	0.039363	-0.199941
-1.73E-06	-0.223697	0.152662	
0.57747	-0.190162	0.039363	-0.199941
-1.73E-06	-0.139856	0.136156	
0.71832	-0.190162	0.039363	-0.199941
-1.73E-06	-0.056014	0.119650	
0.85916	-0.190162	0.039363	-0.199941
-1.73E-06	0.027828	0.103144	
1.00000	-0.190162	0.039363	-0.199941
-1.73E-06	0.111670	0.086637	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
741

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.792354	0.099937	0.671435
5.86E-05	0.749465	-1.077965	
0.57747	0.792354	0.099937	0.671435
5.86E-05	0.467910	-1.119872	
0.71832	0.792354	0.099937	0.671435
5.86E-05	0.186355	-1.161779	
0.85916	0.792354	0.099937	0.671435
5.86E-05	-0.095200	-1.203686	
1.00000	0.792354	0.099937	0.671435
5.86E-05	-0.376754	-1.245593	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.448568	-0.106028	-0.516064
-5.30E-05	-0.575634	0.617829	
0.57747	-0.448568	-0.106028	-0.516064
-5.30E-05	-0.359531	0.662090	
0.71832	-0.448568	-0.106028	-0.516064
-5.30E-05	-0.143128	0.706551	
0.85916	-0.448568	-0.106028	-0.516064
-5.30E-05	0.073275	0.751012	
1.00000	-0.448568	-0.106028	-0.516064
-5.30E-05	0.289678	0.795473	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.582191	0.054280	0.727671
5.29E-05	0.812796	-0.660290	
0.57747	0.582191	0.054280	0.727671
5.29E-05	0.507660	-0.683051	
0.71832	0.582191	0.054280	0.727671
5.29E-05	0.202524	-0.705813	
0.85916	0.582191	0.054280	0.727671
5.29E-05	-0.102613	-0.728574	
1.00000	0.582191	0.054280	0.727671
5.29E-05	-0.407749	-0.751336	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.582191	-0.054280	-0.727671
-5.29E-05	-0.812796	0.660290	
0.57747	-0.582191	-0.054280	-0.727671
-5.29E-05	-0.507660	0.683051	
0.71832	-0.582191	-0.054280	-0.727671
-5.29E-05	-0.202524	0.705813	
0.85916	-0.582191	-0.054280	-0.727671
-5.29E-05	0.102613	0.728574	
1.00000	-0.582191	-0.054280	-0.727671
-5.29E-05	0.407749	0.751336	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.43663	0.792354	0.099937	0.727671
5.86E-05	0.812796	0.660290	
0.57747	0.792354	0.099937	0.727671
5.86E-05	0.507660	0.683051	
0.71832	0.792354	0.099937	0.727671
5.86E-05	0.202524	0.705813	
0.85916	0.792354	0.099937	0.727671
5.86E-05	0.102613	0.728574	
1.00000	0.792354	0.099937	0.727671
5.86E-05	0.407749	0.795473	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.43663	-0.582191	-0.106028	-0.727671
-5.30E-05	-0.812796	-1.077965	
0.57747	-0.582191	-0.106028	-0.727671
-5.30E-05	-0.507660	-1.119872	
0.71832	-0.582191	-0.106028	-0.727671
-5.30E-05	-0.202524	-1.161779	
0.85916	-0.582191	-0.106028	-0.727671
-5.30E-05	-0.102613	-1.203686	
1.00000	-0.582191	-0.106028	-0.727671
-5.30E-05	-0.407749	-1.245593	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
742

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 385 ========== LENGTH = 2.977211

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011033	-0.003130	0.000606
-1.90E-07	0.000363	0.024847	
0.14084	-0.011033	-0.003130	0.000606
-1.90E-07	0.000109	0.026159	
0.28167	-0.011033	-0.003130	0.000606
-1.90E-07	-0.000145	0.027472	
0.42251	-0.011033	-0.003130	0.000606
-1.90E-07	-0.000399	0.028785	
0.56335	-0.011033	-0.003130	0.000606
-1.90E-07	-0.000653	0.030097	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056064	0.015636	-0.012336
1.47E-06	0.000935	-0.135613	
0.14084	0.056064	0.015636	-0.012336
1.47E-06	-0.001762	-0.137070	
0.28167	0.056064	0.015636	-0.012336
1.47E-06	0.003410	-0.143626	
0.42251	0.056064	0.015636	-0.012336
1.47E-06	0.008583	-0.150182	
0.56335	0.056064	0.015636	-0.012336
1.47E-06	0.013756	-0.156738	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.197485	-0.055009	0.057959
-6.03E-06	0.032471	0.468409	
0.14084	-0.197485	-0.055009	0.057959
-6.03E-06	0.008168	0.491475	
0.28167	-0.197485	-0.055009	0.057959
-6.03E-06	-0.016134	0.514540	
0.42251	-0.197485	-0.055009	0.057959
-6.03E-06	-0.040437	0.537606	
0.56335	-0.197485	-0.055009	0.057959
-6.03E-06	-0.064739	0.560672	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.192575	0.075726	-0.196253
2.78E-05	-0.108463	0.089970	
0.14084	-0.192575	0.075726	-0.196253
2.78E-05	-0.026173	0.058217	
0.28167	-0.192575	0.075726	-0.196253
2.78E-05	0.056116	0.026465	
0.42251	-0.192575	0.075726	-0.196253
2.78E-05	0.138405	-0.005287	
0.56335	-0.192575	0.075726	-0.196253
2.78E-05	0.220694	-0.037039	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.787115	0.050839	0.652462
-5.45E-05	0.360475	-1.250249	
0.14084	0.787115	0.050839	0.652462
-5.45E-05	0.086896	-1.271566	
0.28167	0.787115	0.050839	0.652462
-5.45E-05	-0.186683	-1.292882	
0.42251	0.787115	0.050839	0.652462
-5.45E-05	-0.460262	-1.314199	
0.56335	0.787115	0.050839	0.652462
-5.45E-05	-0.733841	-1.335516	

LOAD -P6 ----------

REL DIST	P	V2	V3

T	M2	M3	
0.00000	-0.442085	-0.084061	-0.502438
3.15E-05	-0.277911	0.797537	
0.14084	-0.442085	-0.084061	-0.502438
3.15E-05	-0.067237	0.832784	
0.28167	-0.442085	-0.084061	-0.502438
3.15E-05	0.143436	0.868031	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
743

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.42251	-0.442085	-0.084061	-0.502438
3.15E-05	0.354110	0.903278	
0.56335	-0.442085	-0.084061	-0.502438
3.15E-05	0.564784	0.938525	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.578596	-0.007301	0.711027
-6.07E-05	0.393309	-0.756993	
0.14084	0.578596	-0.007301	0.711027
-6.07E-05	0.095173	-0.753931	
0.28167	0.578596	-0.007301	0.711027
-6.07E-05	-0.202963	-0.750870	
0.42251	0.578596	-0.007301	0.711027
-6.07E-05	-0.501098	-0.747809	
0.56335	0.578596	-0.007301	0.711027
-6.07E-05	-0.799234	-0.744747	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.578596	0.007301	-0.711027
6.07E-05	-0.393309	0.756993	
0.14084	-0.578596	0.007301	-0.711027
6.07E-05	-0.095173	0.753931	
0.28167	-0.578596	0.007301	-0.711027
6.07E-05	0.202963	0.750870	
0.42251	-0.578596	0.007301	-0.711027
6.07E-05	0.501098	0.747809	
0.56335	-0.578596	0.007301	-0.711027
6.07E-05	0.799234	0.744747	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.787115	0.075726	0.711027
6.07E-05	0.393309	0.797537	
0.14084	0.787115	0.075726	0.711027
6.07E-05	0.095173	0.832784	
0.28167	0.787115	0.075726	0.711027
6.07E-05	0.202963	0.868031	
0.42251	0.787115	0.075726	0.711027
6.07E-05	0.501098	0.903278	
0.56335	0.787115	0.075726	0.711027
6.07E-05	0.799234	0.938525	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.578596	-0.084061	-0.711027
-6.07E-05	-0.393309	-1.250249	
0.14084	-0.578596	-0.084061	-0.711027
-6.07E-05	-0.095173	-1.271566	
0.28167	-0.578596	-0.084061	-0.711027
-6.07E-05	-0.202963	-1.292882	
0.42251	-0.578596	-0.084061	-0.711027
-6.07E-05	-0.501098	-1.314199	
0.56335	-0.578596	-0.084061	-0.711027
-6.07E-05	-0.799234	-1.335516	

ELEM 386 ========== LENGTH = 2.978072

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.004666	0.005554	0.001002
-5.94E-07	0.001064	0.052714	
0.57739	-0.004666	0.005554	0.001002
-5.94E-07	0.000644	0.050384	
0.71826	-0.004666	0.005554	0.001002
-5.94E-07	0.000223	0.048054	
0.85913	-0.004666	0.005554	0.001002
-5.94E-07	-0.000197	0.045724	
1.00000	-0.004666	0.005554	0.001002
-5.94E-07	-0.000617	0.043394	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
744

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.022470	-0.033580	-0.016370
2.29E-06	-0.017156	-0.282054	
0.57739	0.022470	-0.033580	-0.016370
2.29E-06	-0.010288	-0.267967	
0.71826	0.022470	-0.033580	-0.016370
2.29E-06	-0.003421	-0.253879	
0.85913	0.022470	-0.033580	-0.016370
2.29E-06	0.003447	-0.239792	
1.00000	0.022470	-0.033580	-0.016370
2.29E-06	0.010314	-0.225704	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.073513	0.126096	0.074983
-7.06E-06	0.078514	1.019118	
0.57739	-0.073513	0.126096	0.074983
-7.06E-06	0.047058	0.966218	
0.71826	-0.073513	0.126096	0.074983
-7.06E-06	0.015601	0.913319	
0.85913	-0.073513	0.126096	0.074983
-7.06E-06	-0.015855	0.860419	
1.00000	-0.073513	0.126096	0.074983
-7.06E-06	-0.047312	0.807519	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	-0.067034	0.510207	-0.240758
6.22E-07	-0.251674	1.061015	
0.57739	-0.067034	0.510207	-0.240758
6.22E-07	-0.150672	0.846974	
0.71826	-0.067034	0.510207	-0.240758
6.22E-07	-0.049670	0.632933	
0.85913	-0.067034	0.510207	-0.240758
6.22E-07	0.051333	0.418893	
1.00000	-0.067034	0.510207	-0.240758
6.22E-07	0.152335	0.204852	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.43652	0.248578	-0.855602	0.769769
5.45E-05	0.803649	-3.654888	
0.57739	0.248578	-0.855602	0.769769
5.45E-05	0.480717	-3.295947	
0.71826	0.248578	-0.855602	0.769769
5.45E-05	0.157785	-2.937007	
0.85913	0.248578	-0.855602	0.769769
5.45E-05	-0.165146	-2.578067	
1.00000	0.248578	-0.855602	0.769769
5.45E-05	-0.488078	-2.219126	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.125835	0.247325	-0.588625	
-4.98E-05	-0.614397	1.804095		
0.57739	-0.125835	0.247325	-0.588625	
-4.98E-05	-0.367458	1.700338		
0.71826	-0.125835	0.247325	-0.588625	
-4.98E-05	-0.120519	1.596581		
0.85913	-0.125835	0.247325	-0.588625	
-4.98E-05	0.126420	1.492824		
1.00000	-0.125835	0.247325	-0.588625	
-4.98E-05	0.373358	1.389066		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.170399	-0.723951	0.845753	
4.69E-05	0.883227	-2.583056		
0.57739	0.170399	-0.723951	0.845753	
4.69E-05	0.528418	-2.279345		
0.71826	0.170399	-0.723951	0.845753	
4.69E-05	0.173610	-1.975635		
0.85913	0.170399	-0.723951	0.845753	
4.69E-05	-0.181199	-1.671924		
1.00000	0.170399	-0.723951	0.845753	
4.69E-05	-0.536007	-1.368214		

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.170399	0.723951	-0.845753	
-4.69E-05	-0.883227	2.583056		
0.57739	-0.170399	0.723951	-0.845753	
-4.69E-05	-0.528418	2.279345		
0.71826	-0.170399	0.723951	-0.845753	
-4.69E-05	-0.173610	1.975635		
0.85913	-0.170399	0.723951	-0.845753	
-4.69E-05	0.181199	1.671924		
1.00000	-0.170399	0.723951	-0.845753	
-4.69E-05	0.536007	1.368214		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.248578	0.723951	0.845753	
5.45E-05	0.883227	2.583056		
0.57739	0.248578	0.723951	0.845753	
5.45E-05	0.528418	2.279345		
0.71826	0.248578	0.723951	0.845753	
5.45E-05	0.173610	1.975635		
0.85913	0.248578	0.723951	0.845753	
5.45E-05	0.181199	1.671924		
1.00000	0.248578	0.723951	0.845753	
5.45E-05	0.536007	1.389066		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.170399	-0.855602	-0.845753	
-4.98E-05	-0.883227	-3.654888		
0.57739	-0.170399	-0.855602	-0.845753	
-4.98E-05	-0.528418	-3.295947		
0.71826	-0.170399	-0.855602	-0.845753	
-4.98E-05	-0.173610	-2.937007		
0.85913	-0.170399	-0.855602	-0.845753	
-4.98E-05	-0.181199	-2.578067		
1.00000	-0.170399	-0.855602	-0.845753	
-4.98E-05	-0.536007	-2.219126		

ELEM 387 ========== LENGTH = 2.977081

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.004169	0.005799	0.000973	
-7.40E-08	0.000620	0.043383		
0.14083	-0.004169	0.005799	0.000973	
-7.40E-08	0.000212	0.040952		
0.28167	-0.004169	0.005799	0.000973	
-7.40E-08	-0.000196	0.038520		
0.42250	-0.004169	0.005799	0.000973	
-7.40E-08	-0.000604	0.036089		
0.56333	-0.004169	0.005799	0.000973	
-7.40E-08	-0.001012	0.033657		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.015173	-0.034903	-0.015769	
7.50E-07	-0.009939	-0.225645		
0.14083	0.015173	-0.034903	-0.015769	
7.50E-07	-0.003328	-0.211012		
0.28167	0.015173	-0.034903	-0.015769	
7.50E-07	0.003284	-0.196378		
0.42250	0.015173	-0.034903	-0.015769	
7.50E-07	0.009895	-0.181744		
0.56333	0.015173	-0.034903	-0.015769	
7.50E-07	0.016507	-0.167111		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.040384	0.130905	0.072518	
-3.27E-06	0.045696	0.807302		
0.14083	-0.040384	0.130905	0.072518	
-3.27E-06	0.015291	0.752417		
0.28167	-0.040384	0.130905	0.072518	
-3.27E-06	-0.015113	0.697533		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42250	-0.040384	0.130905	0.072518	
-3.27E-06	-0.042648	0.642648		
0.56333	-0.040384	0.130905	0.072518	
-3.27E-06	-0.075923	0.587763		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.172780	0.513336	-0.240753	
3.24E-05	-0.151597	0.205730		
0.14083	-0.172780	0.513336	-0.240753	
3.24E-05	-0.050657	-0.009497		
0.28167	-0.172780	0.513336	-0.240753	
3.24E-05	0.050284	-0.224723		
0.42250	-0.172780	0.513336	-0.240753	
3.24E-05	0.151225	-0.439950		
0.56333	-0.172780	0.513336	-0.240753	
3.24E-05	0.252165	-0.655176		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.580371	-0.869899	0.767404	
-6.31E-05	0.483210	-2.220422		
0.14083	0.580371	-0.869899	0.767404	
-6.31E-05	0.161461	-1.855699		
0.28167	0.580371	-0.869899	0.767404	
-6.31E-05	-0.160289	-1.490976		
0.42250	0.580371	-0.869899	0.767404	
-6.31E-05	-0.482038	-1.126253		
0.56333	0.580371	-0.869899	0.767404	
-6.31E-05	-0.803788	-0.761530		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.378210	0.254761	-0.584373	
3.33E-05	-0.367990	1.389652		
0.14083	-0.378210	0.254761	-0.584373	
3.33E-05	-0.122980	1.282838		
0.28167	-0.378210	0.254761	-0.584373	
3.33E-05	0.122030	1.176024		
0.42250	-0.378210	0.254761	-0.584373	
3.33E-05	0.367040	1.069210		
0.56333	-0.378210	0.254761	-0.584373	
3.33E-05	0.612051	0.962397		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.535818	-0.733194	0.840895	
-6.65E-05	0.529526	-1.369737		
0.14083	0.535818	-0.733194	0.840895	
-6.65E-05	0.176964	-1.062330		
0.28167	0.535818	-0.733194	0.840895	
-6.65E-05	-0.175598	-0.754923		
0.42250	0.535818	-0.733194	0.840895	
-6.65E-05	-0.528160	-0.447516		
0.56333	0.535818	-0.733194	0.840895	
-6.65E-05	-0.880723	-0.140110		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.535818	0.733194	-0.840895	
6.65E-05	-0.529526	1.369737		
0.14083	-0.535818	0.733194	-0.840895	
6.65E-05	-0.176964	1.062330		
0.28167	-0.535818	0.733194	-0.840895	
6.65E-05	0.175598	0.754923		
0.42250	-0.535818	0.733194	-0.840895	
6.65E-05	0.528160	0.447516		
0.56333	-0.535818	0.733194	-0.840895	
6.65E-05	0.880723	0.140110		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.580371	0.733194	0.840895	
6.65E-05	0.529526	1.389652		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.14083	0.580371	0.733194	0.840895	
6.65E-05	0.176964	1.282838		
0.28167	0.580371	0.733194	0.840895	
6.65E-05	0.175598	1.176024		
0.42250	0.580371	0.733194	0.840895	
6.65E-05	0.528160	1.069210		
0.56333	0.580371	0.733194	0.840895	
6.65E-05	0.880723	0.962397		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.535818	-0.869899	-0.840895	
-6.65E-05	-0.529526	-2.220422		
0.14083	-0.535818	-0.869899	-0.840895	
-6.65E-05	-0.176964	-1.855699		
0.28167	-0.535818	-0.869899	-0.840895	
-6.65E-05	-0.175598	-1.490976		
0.42250	-0.535818	-0.869899	-0.840895	
-6.65E-05	-0.528160	-1.126253		
0.56333	-0.535818	-0.869899	-0.840895	
-6.65E-05	-0.880723	-0.761530		

ELEM 388 ========== LENGTH = 2.978100

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.009025	0.019842	0.000952	
-6.15E-07	0.001098	0.091328		
0.57739	0.009025	0.019842	0.000952	
-6.15E-07	0.000698	0.083904		
0.71826	0.009025	0.019842	0.000952	
-6.15E-07	0.000299	0.074680		
0.85913	0.009025	0.019842	0.000952	
-6.15E-07	-0.000101	0.066355		
1.00000	0.009025	0.019842	0.000952	
-6.15E-07	-0.000500	0.058031		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.056528	-0.116189	-0.014210	
2.28E-06	-0.016264	-0.498838		
0.57739	-0.056528	-0.116189	-0.014210	
2.28E-06	-0.010302	-0.448094		
0.71826	-0.056528	-0.116189	-0.014210	
2.28E-06	-0.004341	-0.399350		
0.85913	-0.056528	-0.116189	-0.014210	
2.28E-06	0.001620	-0.350606		
1.00000	-0.056528	-0.116189	-0.014210	
2.28E-06	0.007582	-0.301862		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.223235	0.432661	0.064445	
-6.83E-06	0.073752	1.806341		
0.57739	0.223235	0.432661	0.064445	
-6.83E-06	0.046716	1.624829		
0.71826	0.223235	0.432661	0.064445	
-6.83E-06	0.019679	1.443317		
0.85913	0.223235	0.432661	0.064445	
-6.83E-06	-0.007357	1.261805		
1.00000	0.223235	0.432661	0.064445	
-6.83E-06	-0.034393	1.080292		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.016290	1.445879	-0.199647	
-5.90E-07	-0.228956	2.722386		
0.57739	-0.016290	1.445879	-0.199647	
-5.90E-07	-0.145199	2.115804		
0.71826	-0.016290	1.445879	-0.199647	
-5.90E-07	-0.061442	1.509222		
0.85913	-0.016290	1.445879	-0.199647	
-5.90E-07	0.022315	0.902640		
1.00000	-0.016290	1.445879	-0.199647	
-5.90E-07	0.106072	0.296058		

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.168622	-2.661936	0.632590	
6.20E-05	0.724755	-7.431429		
0.57739	-0.168622	-2.661936	0.632590	
6.20E-05	0.459368	-6.314680		
0.71826	-0.168622	-2.661936	0.632590	
6.20E-05	0.193980	-5.197932		
0.85913	-0.168622	-2.661936	0.632590	
6.20E-05	-0.071407	-4.081183		
1.00000	-0.168622	-2.661936	0.632590	
6.20E-05	-0.336794	-2.964435		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.009179	0.879742	-0.484130	
-5.62E-05	-0.554385	3.308211		
0.57739	0.009179	0.879742	-0.484130	
-5.62E-05	-0.351281	2.939138		
0.71826	0.009179	0.879742	-0.484130	
-5.62E-05	-0.148176	2.570064		
0.85913	0.009179	0.879742	-0.484130	
-5.62E-05	0.054929	2.200990		
1.00000	0.009179	0.879742	-0.484130	
-5.62E-05	0.258034	1.831916		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.063639	-2.209432	0.697987	
5.45E-05	0.799605	-5.533759		
0.57739	0.063639	-2.209432	0.697987	
5.45E-05	0.506782	-4.606847		
0.71826	0.063639	-2.209432	0.697987	
5.45E-05	0.213959	-3.679935		
0.85913	0.063639	-2.209432	0.697987	
5.45E-05	-0.078864	-2.753023		
1.00000	0.063639	-2.209432	0.697987	
5.45E-05	-0.371688	-1.826112		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.063639	2.209432	-0.697987	
-5.45E-05	-0.799605	5.533759		
0.57739	-0.063639	2.209432	-0.697987	
-5.45E-05	-0.506782	4.606847		
0.71826	-0.063639	2.209432	-0.697987	
-5.45E-05	-0.213959	3.679935		
0.85913	-0.063639	2.209432	-0.697987	
-5.45E-05	0.078864	2.753023		
1.00000	-0.063639	2.209432	-0.697987	
-5.45E-05	0.371688	1.826112		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	0.223235	2.209432	0.697987	
6.20E-05	0.799605	5.533759		
0.57739	0.223235	2.209432	0.697987	
6.20E-05	0.506782	4.606847		
0.71826	0.223235	2.209432	0.697987	
6.20E-05	0.213959	3.679935		
0.85913	0.223235	2.209432	0.697987	
6.20E-05	0.078864	2.753023		
1.00000	0.223235	2.209432	0.697987	
6.20E-05	0.371688	1.831916		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.43652	-0.168622	-2.661936	-0.697987	
-5.62E-05	-0.799605	-7.431429		
0.57739	-0.168622	-2.661936	-0.697987	
-5.62E-05	-0.506782	-6.314680		
0.71826	-0.168622	-2.661936	-0.697987	
-5.62E-05	-0.213959	-5.197932		
0.85913	-0.168622	-2.661936	-0.697987	
-5.62E-05	-0.078864	-4.081183		
1.00000	-0.168622	-2.661936	-0.697987	
-5.62E-05	-0.371688	-2.964435		

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 389 ========== LENGTH = 2.977238

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.008308	0.020844	0.000833	
-9.66E-10	0.000439	0.058031		
0.14084	0.008308	0.020844	0.000833	
-9.66E-10	8.96E-05	0.049291		
0.28168	0.008308	0.020844	0.000833	
-9.66E-10	-0.000260	0.040551		
0.42252	0.008308	0.020844	0.000833	
-9.66E-10	-0.000609	0.031811		
0.56335	0.008308	0.020844	0.000833	
-9.66E-10	-0.000959	0.023071		

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.046027	-0.121781	-0.013149	
4.84E-07	-0.006885	-0.231863		
0.14084	-0.046027	-0.121781	-0.013149	
4.84E-07	-0.001371	-0.250799		
0.28168	-0.046027	-0.121781	-0.013149	
4.84E-07	0.004143	-0.199736		
0.42252	-0.046027	-0.121781	-0.013149	
4.84E-07	0.009656	-0.148672		
0.56335	-0.046027	-0.121781	-0.013149	
4.84E-07	0.015170	-0.097608		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.175603	0.453108	0.060325	
-2.49E-06	0.031619	1.080299		
0.14084	0.175603	0.453108	0.060325	
-2.49E-06	0.006324	0.890307		
0.28168	0.175603	0.453108	0.060325	
-2.49E-06	-0.018971	0.700314		
0.42252	0.175603	0.453108	0.060325	
-2.49E-06	-0.044266	0.510322		
0.56335	0.175603	0.453108	0.060325	
-2.49E-06	-0.069561	0.320329		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.137997	1.361582	-0.200854	
3.57E-05	-0.106186	0.296061		
0.14084	0.137997	1.361582	-0.200854	
3.57E-05	-0.021966	-0.274863		
0.28168	0.137997	1.361582	-0.200854	
3.57E-05	0.062254	-0.845787		
0.42252	0.137997	1.361582	-0.200854	
3.57E-05	0.146474	-1.416712		
0.56335	0.137997	1.361582	-0.200854	
3.57E-05	0.230694	-1.987636		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.649429	-2.537644	0.635791	
-7.57E-05	0.335868	-2.964403		
0.14084	-0.649429	-2.537644	0.635791	
-7.57E-05	0.093275	-1.900344		
0.28168	-0.649429	-2.537644	0.635791	
-7.57E-05	-0.197318	-0.836286		
0.42252	-0.649429	-2.537644	0.635791	
-7.57E-05	-0.463912	0.227773		
0.56335	-0.649429	-2.537644	0.635791	
-7.57E-05	-0.730505	1.291831		

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.373547	0.823891	-0.482946	
4.21E-05	-0.254855	1.831874		
0.14084	0.373547	0.823891	-0.482946	
4.21E-05	-0.052351	1.486409		
0.28168	0.373547	0.823891	-0.482946	
4.21E-05	0.150153	1.140943		

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.42252	0.373547	0.823891	-0.482946	
4.21E-05	0.352657	0.795478		
0.56335	0.373547	0.823891	-0.482946	
4.21E-05	0.555160	0.450012		

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.465518	-2.063692	0.696949	
-7.82E-05	0.367926	-1.826073		
0.14084	-0.465518	-2.063692	0.696949	
-7.82E-05	0.075688	-0.960747		
0.28168	-0.465518	-2.063692	0.696949	
-7.82E-05	-0.216549	-0.095421		
0.42252	-0.465518	-2.063692	0.696949	
-7.82E-05	-0.508787	0.769905		
0.56335	-0.465518	-2.063692	0.696949	
-7.82E-05	-0.801024	1.635231		

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.465518	2.063692	-0.696949	
7.82E-05	-0.367926	1.826073		
0.14084	0.465518	2.063692	-0.696949	
7.82E-05	-0.075688	0.960747		
0.28168	0.465518	2.063692	-0.696949	
7.82E-05	0.216549	0.095421		
0.42252	0.465518	2.063692	-0.696949	
7.82E-05	0.508787	-0.769905		
0.56335	0.465518	2.063692	-0.696949	
7.82E-05	0.801024	-1.635231		

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.465518	2.063692	0.696949	
7.82E-05	0.367926	1.831874		
0.14084	0.465518	2.063692	0.696949	
7.82E-05	0.075688	1.486409		
0.28168	0.465518	2.063692	0.696949	
7.82E-05	0.216549	1.140943		
0.42252	0.465518	2.063692	0.696949	
7.82E-05	0.508787	0.795478		
0.56335	0.465518	2.063692	0.696949	
7.82E-05	0.801024	1.635231		

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.649429	-2.537644	-0.696949	
-7.82E-05	-0.367926	-2.964403		
0.14084	-0.649429	-2.537644	-0.696949	
-7.82E-05	-0.075688	-1.900344		
0.28168	-0.649429	-2.537644	-0.696949	
-7.82E-05	-0.216549	-0.845787		
0.42252	-0.649429	-2.537644	-0.696949	
-7.82E-05	-0.508787	-1.416712		
0.56335	-0.649429	-2.537644	-0.696949	
-7.82E-05	-0.801024	-1.987636		

ELEM 390 ========== LENGTH = 2.759542

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.010716	0.063821	-0.340909	
-1.73E-05	-0.486816	0.629392		
0.25000	-0.010716	0.063821	-0.340909	
-1.73E-05	-0.251628	-0.014736		
0.50000	-0.010716	0.063821	-0.340909	
-1.73E-05	-0.016440	-0.058765		
0.75000	-0.010716	0.063821	-0.340909	
-1.73E-05	0.218747	-0.102794		
1.00000	-0.010716	0.063821	-0.340909	
-1.73E-05	0.453935	-0.146823		

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.014493	-0.135009	0.482178	
7.19E-06	0.688709	-0.041443		
0.25000	0.014493	-0.135009	0.482178	
7.19E-06	0.356062	0.051698		
0.50000	0.014493	-0.135009	0.482178	
7.19E-06	0.023414	-0.144839		
0.75000	0.014493	-0.135009	0.482178	
7.19E-06	-0.309233	0.237980		
1.00000	0.014493	-0.135009	0.482178	
7.19E-06	-0.641881	0.331121		

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.007753	0.096254	-0.186677	
1.86E-05	-0.266821	0.016071		
0.25000	0.007753	0.096254	-0.186677	
1.86E-05	-0.128035	-0.050333		
0.50000	0.007753	0.096254	-0.186677	
1.86E-05	-0.009249	-0.116737		
0.75000	0.007753	0.096254	-0.186677	
1.86E-05	0.119537	-0.183142		
1.00000	0.007753	0.096254	-0.186677	
1.86E-05	0.248323	-0.249546		

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	0.002414	-0.026225	0.041652	
-5.47E-06	0.059543	-0.003583		
0.25000	0.002414	-0.026225	0.041652	
-5.47E-06	0.030808	0.014509		
0.50000	0.002414	-0.026225	0.041652	
-5.47E-06	0.002072	0.032601		
0.75000	0.002414	-0.026225	0.041652	
-5.47E-06	-0.026663	0.050693		
1.00000	0.002414	-0.026225	0.041652	
-5.47E-06	-0.055398	0.068785		

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000	-0.016999	0.001410	0.004670	
-3.61E-06	0.006695	-0.000419		
0.25000	-0.016999	0.001410	0.004670	
-3.61E-06	0.003473	-0.001391		
0.50000	-0.016999	0.001410	0.004670	
-3.61E-06	0.000251	-0.002364		
0.75000	-0.016999	0.001410	0.004670	
-3.61E-06	-0.002970	-0.003336		
1.00000	-0.016999	0.001410	0.004670	
-3.61E-06	-0.006192	-0.004309		

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003055	-0.000250	-0.000914
6.47E-07	-0.001309	8.17E-05	
0.25000	0.003055	-0.000250	-0.000914
6.47E-07	-0.000679	0.000254	
0.50000	0.003055	-0.000250	-0.000914
6.47E-07	-4.87E-05	0.000427	
0.75000	0.003055	-0.000250	-0.000914
6.47E-07	0.000582	0.000599	
1.00000	0.003055	-0.000250	-0.000914
6.47E-07	0.001212	0.000771	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019962	0.161484	-0.522916
-2.37E-06	-0.746943	0.044944	
0.25000	-0.019962	0.161484	-0.522916
-2.37E-06	-0.386190	-0.066461	
0.50000	-0.019962	0.161484	-0.522916
-2.37E-06	-0.025438	-0.177867	
0.75000	-0.019962	0.161484	-0.522916
-2.37E-06	0.335315	-0.289272	
1.00000	-0.019962	0.161484	-0.522916
-2.37E-06	0.696067	-0.400678	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
752

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019962	-0.161484	0.522916
2.37E-06	0.746943	-0.044944	
0.25000	0.019962	-0.161484	0.522916
2.37E-06	0.386190	0.066461	
0.50000	0.019962	-0.161484	0.522916
2.37E-06	0.025438	0.177867	
0.75000	0.019962	-0.161484	0.522916
2.37E-06	-0.335315	0.289272	
1.00000	0.019962	-0.161484	0.522916
2.37E-06	-0.696067	0.400678	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019962	0.161484	0.522916
1.86E-05	0.746943	0.044944	
0.25000	0.019962	0.161484	0.522916
1.86E-05	0.386190	0.066461	
0.50000	0.019962	0.161484	0.522916
1.86E-05	0.025438	0.177867	
0.75000	0.019962	0.161484	0.522916
1.86E-05	0.335315	0.289272	
1.00000	0.019962	0.161484	0.522916
1.86E-05	0.696067	0.400678	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019962	-0.161484	-0.522916
-1.73E-05	-0.746943	-0.044944	
0.25000	-0.019962	-0.161484	-0.522916
-1.73E-05	-0.386190	-0.066461	
0.50000	-0.019962	-0.161484	-0.522916
-1.73E-05	-0.025438	-0.177867	
0.75000	-0.019962	-0.161484	-0.522916
-1.73E-05	-0.335315	-0.289272	
1.00000	-0.019962	-0.161484	-0.522916
-1.73E-05	-0.696067	-0.400678	

ELEM 391 ========== LENGTH = 4.973173

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016411	0.059263	-0.101970
-1.07E-05	-0.247322	-0.104303	
0.25000	-0.016411	0.059263	-0.101970
-1.07E-05	-0.120543	-0.177985	
0.50000	-0.016411	0.059263	-0.101970
-1.07E-05	0.006235	-0.251666	
0.75000	-0.016411	0.059263	-0.101970
-1.07E-05	0.133014	-0.325348	
1.00000	-0.016411	0.059263	-0.101970
-1.07E-05	0.259792	-0.399029	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.022105	-0.127140	0.143211
3.24E-06	0.348062	0.271229	
0.25000	0.022105	-0.127140	0.143211
3.24E-06	0.170009	0.429302	
0.50000	0.022105	-0.127140	0.143211
3.24E-06	-0.008044	0.587374	
0.75000	0.022105	-0.127140	0.143211
3.24E-06	-0.186098	0.745447	
1.00000	0.022105	-0.127140	0.143211
3.24E-06	-0.364151	0.903520	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014793	0.086079	-0.054594
1.27E-05	-0.133340	-0.226768	
0.25000	0.014793	0.086079	-0.054594
1.27E-05	-0.065463	-0.333789	
0.50000	0.014793	0.086079	-0.054594
1.27E-05	0.002414	-0.440810	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
753

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.014793	0.086079	-0.054594
1.27E-05	0.547831	-0.547831	
1.00000	0.014793	0.086079	-0.054594
1.27E-05	0.138167	-0.654853	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003958	-0.025720	0.012029
-4.02E-06	0.029473	0.063675	
0.25000	0.003958	-0.025720	0.012029
-4.02E-06	0.014518	0.095653	
0.50000	0.003958	-0.025720	0.012029
-4.02E-06	-0.000437	0.127631	
0.75000	0.003958	-0.025720	0.012029
-4.02E-06	-0.015393	0.159608	
1.00000	0.003958	-0.025720	0.012029
-4.02E-06	-0.030348	0.191586	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029799	0.009164	0.001641
-1.40E-06	0.003876	-0.004681	
0.25000	-0.029799	0.009164	0.001641
-1.40E-06	0.001835	-0.016074	
0.50000	-0.029799	0.009164	0.001641
-1.40E-06	-0.000206	-0.027467	
0.75000	-0.029799	0.009164	0.001641
-1.40E-06	-0.002246	-0.038861	
1.00000	-0.029799	0.009164	0.001641
-1.40E-06	-0.004287	-0.050254	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005355	-0.001645	-0.000317
2.52E-07	-0.000750	0.000847	
0.25000	0.005355	-0.001645	-0.000317
2.52E-07	-0.000356	0.002893	
0.50000	0.005355	-0.001645	-0.000317
2.52E-07	3.84E-05	0.004939	
0.75000	0.005355	-0.001645	-0.000317
2.52E-07	0.000433	0.006985	
1.00000	0.005355	-0.001645	-0.000317
2.52E-07	0.000827	0.009030	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031418	0.154506	-0.154923
5.31E-07	-0.376785	-0.335751	
0.25000	-0.031418	0.154506	-0.154923
5.31E-07	-0.184171	-0.527847	
0.50000	-0.031418	0.154506	-0.154923
5.31E-07	0.008443	-0.719944	
0.75000	-0.031418	0.154506	-0.154923
5.31E-07	0.201058	-0.912040	
1.00000	-0.031418	0.154506	-0.154923
5.31E-07	0.393672	-1.104136	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031418	-0.154506	0.154923
-5.31E-07	0.376785	0.335751	
0.25000	0.031418	-0.154506	0.154923
-5.31E-07	0.184171	0.527847	
0.50000	0.031418	-0.154506	0.154923
-5.31E-07	-0.008443	0.719944	
0.75000	0.031418	-0.154506	0.154923
-5.31E-07	-0.201058	0.912040	
1.00000	0.031418	-0.154506	0.154923
-5.31E-07	-0.393672	1.104136	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031418	0.154506	0.154923
1.27E-05	0.376785	0.335751	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
754

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.031418	0.154506	0.154923
1.27E-05	0.184171	0.527847	
0.50000	0.031418	0.154506	0.154923
1.27E-05	0.008443	0.719944	
0.75000	0.031418	0.154506	0.154923
1.27E-05	0.201058	0.912040	
1.00000	0.031418	0.154506	0.154923
1.27E-05	0.393672	1.104136	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031418	-0.154506	-0.154923
-1.07E-05	-0.376785	-0.335751	
0.25000	-0.031418	-0.154506	-0.154923
-1.07E-05	-0.184171	-0.527847	
0.50000	-0.031418	-0.154506	-0.154923
-1.07E-05	-0.008443	-0.719944	
0.75000	-0.031418	-0.154506	-0.154923
-1.07E-05	-0.201058	-0.912040	
1.00000	-0.031418	-0.154506	-0.154923
-1.07E-05	-0.393672	-1.104136	

ELEM 392 ========== LENGTH = 4.973122

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006899	0.033320	-0.107339
-7.79E-06	-0.268739	-0.367223	
0.25000	-0.006899	0.033320	-0.107339
-7.79E-06	-0.135286	-0.408649	
0.50000	-0.006899	0.033320	-0.107339
-7.79E-06	-0.001833	-0.450076	
0.75000	-0.006899	0.033320	-0.107339
-7.79E-06	0.131619	-0.491502	
1.00000	-0.006899	0.033320	-0.107339
-7.79E-06	0.265072	-0.532929	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008824	-0.070069	0.148336
1.85E-06	0.372767	0.859171	
0.25000	0.008824	-0.070069	0.148336
1.85E-06	0.188344	0.946286	
0.50000	0.008824	-0.070069	0.148336
1.85E-06	0.003922	1.033401	
0.75000	0.008824	-0.070069	0.148336
1.85E-06	-0.180501	1.120516	
1.00000	0.008824	-0.070069	0.148336
1.85E-06	-0.364924	1.207631	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020334	0.047929	-0.054470
9.05E-06	-0.138153	-0.638219	
0.25000	0.020334	0.047929	-0.054470
9.05E-06	-0.070431	-0.697808	
0.50000	0.020334	0.047929	-0.054470
9.05E-06	-0.002709	-0.757397	
0.75000	0.020334	0.047929	-0.054470
9.05E-06	0.065013	-0.816986	
1.00000	0.020334	0.047929	-0.054470
9.05E-06	0.132735	-0.876574	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002910	-0.013690	0.011644
-3.29E-06	0.029735	0.187970	
0.25000	0.002910	-0.013690	0.011644
-3.29E-06	0.015258	0.204991	
0.50000	0.002910	-0.013690	0.011644
-3.29E-06	0.000781	0.222012	
0.75000	0.002910	-0.013690	0.011644
-3.29E-06	-0.013696	0.239033	
1.00000	0.002910	-0.013690	0.011644
-3.29E-06	-0.028173	0.256054	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
755

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030685	0.003058	0.002259
2.27E-07	0.005423	-0.050843	
0.25000	-0.030685	0.003058	0.002259
2.27E-07	0.002614	-0.054645	
0.50000	-0.030685	0.003058	0.002259
2.27E-07	-0.000195	-0.058447	
0.75000	-0.030685	0.003058	0.002259
2.27E-07	-0.003004	-0.062250	
1.00000	-0.030685	0.003058	0.002259
2.27E-07	-0.005812	-0.066052	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005516	-0.000548	-0.000429
-4.08E-08	-0.000132	0.000143	
0.25000	0.005516	-0.000548	-0.000429
-4.08E-08	-0.000499	0.009825	
0.50000	0.005516	-0.000548	-0.000429
-4.08E-08	3.47E-05	0.010507	
0.75000	0.005516	-0.000548	-0.000429
-4.08E-08	0.000568	0.011189	
1.00000	0.005516	-0.000548	-0.000429
-4.08E-08	0.001102	0.011870	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017250	0.084308	-0.159551
1.49E-06	-0.401470	-1.056284	
0.25000	-0.017250	0.084308	-0.159551
1.49E-06	-0.203104	-1.161102	
0.50000	-0.017250	0.084308	-0.159551
1.49E-06	-0.004737	-1.265920	
0.75000	-0.017250	0.084308	-0.159551
1.49E-06	0.193629	-1.370738	
1.00000	-0.017250	0.084308	-0.159551
1.49E-06	0.391995	-1.475556	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017250	-0.084308	0.159551
-1.49E-06	0.401470	1.056284	
0.25000	0.017250	-0.084308	0.159551
-1.49E-06	0.203104	1.161102	
0.50000	0.017250	-0.084308	0.159551
-1.49E-06	0.004737	1.265920	
0.75000	0.017250	-0.084308	0.159551
-1.49E-06	-0.193629	1.370738	
1.00000	0.017250	-0.084308	0.159551
-1.49E-06	-0.391995	1.475556	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020334	0.084308	0.159551
9.05E-06	0.401470	1.056284	
0.25000	0.020334	0.084308	0.159551
9.05E-06	0.203104	1.161102	
0.50000	0.020334	0.084308	0.159551
9.05E-06	0.004737	1.265920	
0.75000	0.020334	0.084308	0.159551
9.05E-06	0.193629	1.370738	
1.00000	0.020334	0.084308	0.159551
9.05E-06	0.391995	1.475556	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030685	-0.084308	-0.159551
-7.79E-06	-0.401470	-1.056284	
0.25000	-0.030685	-0.084308	-0.159551
-7.79E-06	-0.203104	-1.161102	
0.50000	-0.030685	-0.084308	-0.159551
-7.79E-06	-0.004737	-1.265920	
0.75000	-0.030685	-0.084308	-0.159551
-7.79E-06	-0.193629	-1.370738	
1.00000	-0.030685	-0.084308	-0.159551
-7.79E-06	-0.391995	-1.475556	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
756

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 393 ========== LENGTH = 4.972319

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010717	0.046555	-0.103119
-7.74E-06	-0.258229	-0.501580	
0.25000	0.010717	0.046555	-0.103119
-7.74E-06	-0.130044	-0.559451	
0.50000	0.010717	0.046555	-0.103119
-7.74E-06	-0.001859	-0.617322	
0.75000	0.010717	0.046555	-0.103119
-7.74E-06	0.126326	-0.675194	
1.00000	0.010717	0.046555	-0.103119
-7.74E-06	0.254511	-0.733065	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015565	-0.099798	0.138688
3.60E-06	0.349220	1.049763	
0.25000	-0.015565	-0.099798	0.138688
3.60E-06	0.176819	1.288820	
0.50000	-0.015565	-0.099798	0.138688
3.60E-06	0.004419	1.412876	
0.75000	-0.015565	-0.099798	0.138688
3.60E-06	-0.167981	1.536933	
1.00000	-0.015565	-0.099798	0.138688
3.60E-06	-0.340382	1.660990	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024735	0.068870	-0.047491
6.16E-06	-0.121401	-0.861139	
0.25000	0.024735	0.068870	-0.047491
6.16E-06	-0.062366	-0.946750	
0.50000	0.024735	0.068870	-0.047491
6.16E-06	-0.003331	-1.032362	
0.75000	0.024735	0.068870	-0.047491
6.16E-06	0.055704	-1.117973	
1.00000	0.024735	0.068870	-0.047491
6.16E-06	0.114739	-1.203585	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000445	-0.020004	0.009592
-2.57E-06	0.024822	0.252858	
0.25000	0.000445	-0.020004	0.009592
-2.57E-06	0.012899	0.277725	
0.50000	0.000445	-0.020004	0.009592
-2.57E-06	0.000975	0.302591	
0.75000	0.000445	-0.020004	0.009592
-2.57E-06	-0.010948	0.327457	
1.00000	0.000445	-0.020004	0.009592
-2.57E-06	-0.022871	0.352324	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024792	0.005334	0.002867
6.67E-07	0.006878	-0.066939	
0.25000	-0.024792	0.005334	0.002867
6.67E-07	0.003315	-0.073560	
0.50000	-0.024792	0.005334	0.002867
6.67E-07	-0.000249	-0.080200	
0.75000	-0.024792	0.005334	0.002867
6.67E-07	-0.003813	-0.086831	
1.00000	-0.024792	0.005334	0.002867
6.67E-07	-0.007377	-0.093461	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004460	-0.000957	-0.000537
-1.20E-07	-0.001290	0.012036	
0.25000	0.004460	-0.000957	-0.000537
-1.20E-07	-0.000623	0.013227	
0.50000	0.004460	-0.000957	-0.000537
-1.20E-07	4.45E-05	0.014417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
757

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.004460	-0.000957	-0.000537
-1.20E-07	0.000712	0.015607	
1.00000	0.004460	-0.000957	-0.000537
-1.20E-07	0.001379	0.016797	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010660	0.120759	-0.147743
-9.13E-07	-0.372751	-1.429657	
0.25000	0.010660	0.120759	-0.147743
-9.13E-07	-0.189095	-1.579771	
0.50000	0.010660	0.120759	-0.147743
-9.13E-07	-0.005439	-1.729884	
0.75000	0.010660	0.120759	-0.147743
-9.13E-07	0.178217	-1.879998	
1.00000	0.010660	0.120759	-0.147743
-9.13E-07	0.361874	-2.030111	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010660	-0.120759	0.147743
9.13E-07	0.372751	1.429657	
0.25000	-0.010660	-0.120759	0.147743
9.13E-07	0.189095	1.579771	
0.50000	-0.010660	-0.120759	0.147743
9.13E-07	0.005439	1.729884	
0.75000	-0.010660	-0.120759	0.147743
9.13E-07	0.178217	1.879998	
1.00000	-0.010660	-0.120759	0.147743
9.13E-07	0.361874	2.030111	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024735	0.120759	0.147743
6.16E-06	0.372751	1.429657	
0.25000	0.024735	0.120759	0.147743
6.16E-06	0.189095	1.579771	
0.50000	0.024735	0.120759	0.147743
6.16E-06	0.005439	1.729884	
0.75000	0.024735	0.120759	0.147743
6.16E-06	0.178217	1.879998	
1.00000	0.024735	0.120759	0.147743
6.16E-06	0.361874	2.030111	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024792	-0.120759	-0.147743
-7.74E-06	-0.372751	-1.429657	
0.25000	-0.024792	-0.120759	-0.147743
-7.74E-06	-0.189095	-1.579771	
0.50000	-0.024792	-0.120759	-0.147743
-7.74E-06	-0.005439	-1.729884	
0.75000	-0.024792	-0.120759	-0.147743
-7.74E-06	-0.178217	-1.879998	
1.00000	-0.024792	-0.120759	-0.147743
-7.74E-06	-0.361874	-2.030111	

ELEM 394 ========== LENGTH = 4.972517

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.027481	0.047079	-0.098044
-8.76E-06	-0.246311	-0.702933	
0.25000	0.027481	0.047079	-0.098044
-8.76E-06	-0.124430	-0.761459	
0.50000	0.027481	0.047079	-0.098044
-8.76E-06	-0.002549	-0.819984	
0.75000	0.027481	0.047079	-0.098044
-8.76E-06	0.119332	-0.878510	
1.00000	0.027481	0.047079	-0.098044
-8.76E-06	0.241213	-0.937035	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
758

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038897	-0.101202	0.126570
7.09E-06	0.320677	1.621209	
0.25000	-0.038897	-0.101202	0.126570
7.09E-06	0.163335	1.747017	
0.50000	-0.038897	-0.101202	0.126570
7.09E-06	0.005992	1.872825	
0.75000	-0.038897	-0.101202	0.126570
7.09E-06	-0.151350	1.998633	
1.00000	-0.038897	-0.101202	0.126570
7.09E-06	-0.308693	2.124440	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.028462	0.070179	-0.038343
2.77E-06	-0.099817	-1.190656	
0.25000	0.028462	0.070179	-0.038343
2.77E-06	-0.052151	-1.277998	
0.50000	0.028462	0.070179	-0.038343
2.77E-06	-0.004486	-1.365141	
0.75000	0.028462	0.070179	-0.038343
2.77E-06	0.043180	-1.452383	
1.00000	0.028462	0.070179	-0.038343
2.77E-06	0.090845	-1.539625	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002056	-0.020359	0.006920
-1.58E-06	0.018514	0.349832	
0.25000	-0.002056	-0.020359	0.006920
-1.58E-06	0.009911	0.375140	
0.50000	-0.002056	-0.020359	0.006920
-1.58E-06	0.001308	0.400449	
0.75000	-0.002056	-0.020359	0.006920
-1.58E-06	-0.007294	0.425757	
1.00000	-0.002056	-0.020359	0.006920
-1.58E-06	-0.015897	0.451066	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018284	0.005244	0.003556
5.91E-07	0.008517	-0.094429	
0.25000	-0.018284	0.005244	0.003556
5.91E-07	0.004096	-0.100948	
0.50000	-0.018284	0.005244	0.003556
5.91E-07	-0.000324	-0.107467	
0.75000	-0.018284	0.005244	0.003556
5.91E-07	-0.004744	-0.113986	
1.00000	-0.018284	0.005244	0.003556
5.91E-07	-0.009164	-0.120505	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003295	-0.000941	-0.000659
-1.06E-07	-0.001580	0.016977	
0.25000	0.003295	-0.000941	-0.000659
-1.06E-07	-0.000761	0.018148	
0.50000	0.003295	-0.000941	-0.000659
-1.06E-07	5.79E-05	0.019318	
0.75000	0.003295	-0.000941	-0.000659
-1.06E-07	0.000877	0.020488	
1.00000	0.003295	-0.000941	-0.000659
-1.06E-07	0.001696	0.021659	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.037658	0.122503	-0.132831
-5.40E-06	-0.337611	-1.988019	
0.25000	0.037658	0.122503	-0.132831
-5.40E-06	-0.172485	-2.140305	
0.50000	0.037658	0.122503	-0.132831
-5.40E-06	-0.007359	-2.292592	
0.75000	0.037658	0.122503	-0.132831
-5.40E-06	0.157768	-2.444878	
1.00000	0.037658	0.122503	-0.132831
-5.40E-06	0.322894	-2.597165	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.037658	-0.122503	0.132831
5.40E-06	0.337611	1.988019	
0.25000	-0.037658	-0.122503	0.132831
5.40E-06	0.172485	2.140305	
0.50000	-0.037658	-0.122503	0.132831
5.40E-06	0.007359	2.292592	
0.75000	-0.037658	-0.122503	0.132831
5.40E-06	-0.157768	2.444878	
1.00000	-0.037658	-0.122503	0.132831
5.40E-06	-0.322894	2.597165	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.037658	0.122503	0.132831
7.09E-06	0.337611	1.988019	
0.25000	0.037658	0.122503	0.132831
7.09E-06	0.172485	2.140305	
0.50000	0.037658	0.122503	0.132831
7.09E-06	0.007359	2.292592	
0.75000	0.037658	0.122503	0.132831
7.09E-06	0.157768	2.444878	
1.00000	0.037658	0.122503	0.132831
7.09E-06	0.322894	2.597165	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038897	-0.122503	-0.132831
-8.76E-06	-0.337611	-1.988019	
0.25000	-0.038897	-0.122503	-0.132831
-8.76E-06	-0.172485	-2.140305	
0.50000	-0.038897	-0.122503	-0.132831
-8.76E-06	-0.007359	-2.292592	
0.75000	-0.038897	-0.122503	-0.132831
-8.76E-06	-0.157768	-2.444878	
1.00000	-0.038897	-0.122503	-0.132831
-8.76E-06	-0.322894	-2.597165	

ELEM 395 ========== LENGTH = 4.972843

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.042114	0.046105	-0.091285
-1.04E-05	-0.030223	-0.906618	
0.25000	0.042114	0.046105	-0.091285
-1.04E-05	-0.116737	-0.965936	
0.50000	0.042114	0.046105	-0.091285
-1.04E-05	-0.003250	-1.023254	
0.75000	0.042114	0.046105	-0.091285
-1.04E-05	0.110237	-1.080572	
1.00000	0.042114	0.046105	-0.091285
-1.04E-05	0.223724	-1.137891	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059381	-0.099076	0.110663
1.15E-05	0.282721	2.088907	
0.25000	-0.059381	-0.099076	0.110663
1.15E-05	0.145144	2.212079	
0.50000	-0.059381	-0.099076	0.110663
1.15E-05	0.007567	2.335251	
0.75000	-0.059381	-0.099076	0.110663
1.15E-05	-0.130010	2.458422	
1.00000	-0.059381	-0.099076	0.110663
1.15E-05	-0.267587	2.581594	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.032871	0.068708	-0.026431
-8.65E-07	-0.071337	-1.530068	
0.25000	0.032871	0.068708	-0.026431
-8.65E-07	-0.038478	-1.615486	
0.50000	0.032871	0.068708	-0.026431
-8.65E-07	-0.005618	-1.700905	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.032871	0.068708	-0.026431
-8.65E-07	0.027241	-1.786323	
1.00000	0.032871	0.068708	-0.026431
-8.65E-07	0.060101	-1.871741	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004233	-0.019972	0.003463
-5.02E-07	0.010250	0.449516	
0.25000	-0.004233	-0.019972	0.003463
-5.02E-07	0.005944	0.474346	
0.50000	-0.004233	-0.019972	0.003463
-5.02E-07	0.001638	0.499175	
0.75000	-0.004233	-0.019972	0.003463
-5.02E-07	-0.002668	0.524004	
1.00000	-0.004233	-0.019972	0.003463
-5.02E-07	-0.006973	0.548833	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013879	0.005161	0.004398
3.91E-07	0.010525	-0.121599	
0.25000	-0.013879	0.005161	0.004398
3.91E-07	0.005058	-0.128015	
0.50000	-0.013879	0.005161	0.004398
3.91E-07	-0.000410	-0.134431	
0.75000	-0.013879	0.005161	0.004398
3.91E-07	-0.005878	-0.140848	
1.00000	-0.013879	0.005161	0.004398
3.91E-07	-0.011346	-0.147264	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002508	-0.000927	-0.000808
-7.00E-08	-0.001935	0.021861	
0.25000	0.002508	-0.000927	-0.000808
-7.00E-08	-0.000931	0.023013	
0.50000	0.002508	-0.000927	-0.000808
-7.00E-08	7.33E-05	0.024165	
0.75000	0.002508	-0.000927	-0.000808
-7.00E-08	0.001077	0.025317	
1.00000	0.002508	-0.000927	-0.000808
-7.00E-08	0.002082	0.026469	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061107	0.119974	-0.113318
-1.09E-05	-0.291035	-2.560284	
0.25000	0.061107	0.119974	-0.113318
-1.09E-05	-0.150157	-2.709437	
0.50000	0.061107	0.119974	-0.113318
-1.09E-05	-0.009278	-2.858590	
0.75000	0.061107	0.119974	-0.113318
-1.09E-05	0.131600	-3.007743	
1.00000	0.061107	0.119974	-0.113318
-1.09E-05	0.272479	-3.156896	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061107	-0.119974	0.113318
1.09E-05	0.291035	2.560284	
0.25000	-0.061107	-0.119974	0.113318
1.09E-05	0.150157	2.709437	
0.50000	-0.061107	-0.119974	0.113318
1.09E-05	0.009278	2.858590	
0.75000	-0.061107	-0.119974	0.113318
1.09E-05	-0.131600	3.007743	
1.00000	-0.061107	-0.119974	0.113318
1.09E-05	-0.272479	3.156896	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061107	0.119974	0.113318
1.15E-05	0.291035	2.560284	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.061107	0.119974	0.113318
1.15E-05	0.150157	2.709437	
0.50000	0.061107	0.119974	0.113318
1.15E-05	0.009278	2.858590	
0.75000	0.061107	0.119974	0.113318
1.15E-05	0.131600	3.007743	
1.00000	0.061107	0.119974	0.113318
1.15E-05	0.272479	3.156896	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061107	-0.119974	-0.113318
-1.09E-05	-0.291035	-2.560284	
0.25000	-0.061107	-0.119974	-0.113318
-1.09E-05	-0.150157	-2.709437	
0.50000	-0.061107	-0.119974	-0.113318
-1.09E-05	-0.009278	-2.858590	
0.75000	-0.061107	-0.119974	-0.113318
-1.09E-05	-0.131600	-3.007743	
1.00000	-0.061107	-0.119974	-0.113318
-1.09E-05	-0.272479	-3.156896	

ELEM 396 ========== LENGTH = 4.973396

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.053615	0.045514	-0.082780
-1.24E-05	-0.209799	-1.111801	
0.25000	0.053615	0.045514	-0.082780
-1.24E-05	-0.106874	-1.168390	
0.50000	0.053615	0.045514	-0.082780
-1.24E-05	-0.003949	-1.224980	
0.75000	0.053615	0.045514	-0.082780
-1.24E-05	0.098975	-1.281570	
1.00000	0.053615	0.045514	-0.082780
-1.24E-05	0.201900	-1.338159	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074954	-0.097635	0.090873
1.66E-05	0.235130	2.551344	
0.25000	-0.074954	-0.097635	0.090873
1.66E-05	0.122144	2.672738	
0.50000	-0.074954	-0.097635	0.090873
1.66E-05	0.009157	2.794132	
0.75000	-0.074954	-0.097635	0.090873
1.66E-05	0.103830	2.915526	
1.00000	-0.074954	-0.097635	0.090873
1.66E-05	-0.216816	3.036920	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036324	0.067585	-0.011777
-5.17E-06	-0.036048	-1.865961	
0.25000	0.036324	0.067585	-0.011777
-5.17E-06	-0.021404	-1.949993	
0.50000	0.036324	0.067585	-0.011777
-5.17E-06	-0.006761	-2.034025	
0.75000	0.036324	0.067585	-0.011777
-5.17E-06	0.007883	-2.118056	
1.00000	0.036324	0.067585	-0.011777
-5.17E-06	0.022526	-2.202088	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005689	-0.019741	-0.000792
8.05E-07	6.19E-06	0.548414	
0.25000	-0.005689	-0.019741	-0.000792
8.05E-07	0.000991	0.572959	
0.50000	-0.005689	-0.019741	-0.000792
8.05E-07	0.001976	0.597503	
0.75000	-0.005689	-0.019741	-0.000792
8.05E-07	0.002962	0.622048	
1.00000	-0.005689	-0.019741	-0.000792
8.05E-07	0.003947	0.646593	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.011357	0.005213	0.005476
2.15E-07	0.013101	-0.148734	
0.25000	-0.011357	0.005213	0.005476
2.15E-07	0.006293	-0.155215	
0.50000	-0.011357	0.005213	0.005476
2.15E-07	-0.000515	-0.161696	
0.75000	-0.011357	0.005213	0.005476
2.15E-07	-0.007323	-0.168178	
1.00000	-0.011357	0.005213	0.005476
2.15E-07	-0.014131	-0.174659	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002061	-0.000936	-0.000998
-3.84E-08	-0.002391	0.026738	
0.25000	0.002061	-0.000936	-0.000998
-3.84E-08	-0.001149	0.027902	
0.50000	0.002061	-0.000936	-0.000998
-3.84E-08	9.20E-05	0.029066	
0.75000	0.002061	-0.000936	-0.000998
-3.84E-08	0.001333	0.030229	
1.00000	0.002061	-0.000936	-0.000998
-3.84E-08	0.002575	0.031393	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078583	0.118312	-0.089082
-1.73E-05	-0.232746	-3.126496	
0.25000	0.078583	0.118312	-0.089082
-1.73E-05	-0.121986	-3.273599	
0.50000	0.078583	0.118312	-0.089082
-1.73E-05	-0.011225	-3.420701	
0.75000	0.078583	0.118312	-0.089082
-1.73E-05	0.099535	-3.567804	
1.00000	0.078583	0.118312	-0.089082
-1.73E-05	0.210295	-3.714906	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078583	-0.118312	0.089082
1.73E-05	0.232746	3.126496	
0.25000	-0.078583	-0.118312	0.089082
1.73E-05	0.121986	3.273599	
0.50000	-0.078583	-0.118312	0.089082
1.73E-05	0.011225	3.420701	
0.75000	-0.078583	-0.118312	0.089082
1.73E-05	-0.099535	3.567804	
1.00000	-0.078583	-0.118312	0.089082
1.73E-05	-0.210295	3.714906	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078583	0.118312	0.090873
1.73E-05	0.235130	3.126496	
0.25000	0.078583	0.118312	0.090873
1.73E-05	0.122144	3.273599	
0.50000	0.078583	0.118312	0.090873
1.73E-05	0.011225	3.420701	
0.75000	0.078583	0.118312	0.090873
1.73E-05	0.099535	3.567804	
1.00000	0.078583	0.118312	0.090873
1.73E-05	0.210295	3.714906	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078583	-0.118312	-0.089082
-1.73E-05	-0.232746	-3.126496	
0.25000	-0.078583	-0.118312	-0.089082
-1.73E-05	-0.121986	-3.273599	
0.50000	-0.078583	-0.118312	-0.089082
-1.73E-05	-0.011225	-3.420701	
0.75000	-0.078583	-0.118312	-0.089082
-1.73E-05	-0.103830	-3.567804	
1.00000	-0.078583	-0.118312	-0.089082
-1.73E-05	-0.216816	-3.714906	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 397 ========== LENGTH = 4.972882

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062934	0.018587	-0.072760
-1.41E-05	-0.185351	-1.314839	
0.25000	0.062934	0.018587	-0.072760
-1.41E-05	-0.094894	-1.337946	
0.50000	0.062934	0.018587	-0.072760
-1.41E-05	-0.004437	-1.361054	
0.75000	0.062934	0.018587	-0.072760
-1.41E-05	0.086020	-1.384161	
1.00000	0.062934	0.018587	-0.072760
-1.41E-05	0.176477	-1.407269	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.084657	-0.037465	0.067713
2.18E-05	0.178854	3.012654	
0.25000	-0.084657	-0.037465	0.067713
2.18E-05	0.094433	3.059431	
0.50000	-0.084657	-0.037465	0.067713
2.18E-05	0.010251	3.106008	
0.75000	-0.084657	-0.037465	0.067713
2.18E-05	-0.073931	3.152584	
1.00000	-0.084657	-0.037465	0.067713
2.18E-05	-0.158113	3.199161	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034204	0.025151	0.005216
-1.03E-05	0.005434	-2.200636	
0.25000	0.034204	0.025151	0.005216
-1.03E-05	-0.001051	-2.231904	
0.50000	0.034204	0.025151	0.005216
-1.03E-05	-0.007536	-2.263172	
0.75000	0.034204	0.025151	0.005216
-1.03E-05	-0.014021	-2.294440	
1.00000	0.034204	0.025151	0.005216
-1.03E-05	-0.020505	-2.325708	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005682	-0.007238	-0.005743
2.43E-06	-0.012072	0.647494	
0.25000	-0.005682	-0.007238	-0.005743
2.43E-06	-0.004932	0.656492	
0.50000	-0.005682	-0.007238	-0.005743
2.43E-06	0.002207	0.665490	
0.75000	-0.005682	-0.007238	-0.005743
2.43E-06	0.009347	0.674489	
1.00000	-0.005682	-0.007238	-0.005743
2.43E-06	0.016487	0.683487	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008322	0.001175	0.006809
2.58E-07	0.016338	-0.176624	
0.25000	-0.008322	0.001175	0.006809
2.58E-07	0.007873	-0.178085	
0.50000	-0.008322	0.001175	0.006809
2.58E-07	-0.000592	-0.179546	
0.75000	-0.008322	0.001175	0.006809
2.58E-07	-0.009056	-0.181008	
1.00000	-0.008322	0.001175	0.006809
2.58E-07	-0.017521	-0.182469	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001523	-0.000211	-0.001234
-4.61E-08	-0.002964	0.031750	
0.25000	0.001523	-0.000211	-0.001234
-4.61E-08	-0.001429	0.032012	
0.50000	0.001523	-0.000211	-0.001234
-4.61E-08	0.000106	0.032274	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.001523	-0.000211	-0.001234
-4.61E-08	0.001640	0.032536	
1.00000	0.001523	-0.000211	-0.001234
-4.61E-08	0.003175	0.032798	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088816	0.044913	-0.060735
-2.42E-05	-0.163579	-3.692098	
0.25000	0.088816	0.044913	-0.060735
-2.42E-05	-0.088072	-3.747935	
0.50000	0.088816	0.044913	-0.060735
-2.42E-05	-0.012564	-3.803772	
0.75000	0.088816	0.044913	-0.060735
-2.42E-05	0.062943	-3.859609	
1.00000	0.088816	0.044913	-0.060735
-2.42E-05	0.138451	-3.915446	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088816	-0.044913	0.060735
2.42E-05	0.163579	3.692098	
0.25000	-0.088816	-0.044913	0.060735
2.42E-05	0.088072	3.747935	
0.50000	-0.088816	-0.044913	0.060735
2.42E-05	0.012564	3.803772	
0.75000	-0.088816	-0.044913	0.060735
2.42E-05	-0.062943	3.859609	
1.00000	-0.088816	-0.044913	0.060735
2.42E-05	-0.138451	3.915446	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088816	0.044913	0.067713
2.42E-05	0.176515	3.692098	
0.25000	0.088816	0.044913	0.067713
2.42E-05	0.094433	3.747935	
0.50000	0.088816	0.044913	0.067713
2.42E-05	0.012564	3.803772	
0.75000	0.088816	0.044913	0.067713
2.42E-05	0.086020	3.859609	
1.00000	0.088816	0.044913	0.067713
2.42E-05	0.176477	3.915446	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088816	-0.044913	-0.072760
-2.42E-05	-0.185351	-3.692098	
0.25000	-0.088816	-0.044913	-0.072760
-2.42E-05	-0.094894	-3.747935	
0.50000	-0.088816	-0.044913	-0.072760
-2.42E-05	-0.012564	-3.803772	
0.75000	-0.088816	-0.044913	-0.072760
-2.42E-05	-0.073931	-3.859609	
1.00000	-0.088816	-0.044913	-0.072760
-2.42E-05	-0.158113	-3.915446	

ELEM 398 ========== LENGTH = 4.972683

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076081	0.035807	-0.061522
-1.41E-05	-0.157777	-1.387133	
0.25000	0.076081	0.035807	-0.061522
-1.41E-05	-0.081294	-1.431648	
0.50000	0.076081	0.035807	-0.061522
-1.41E-05	-0.004812	-1.476162	
0.75000	0.076081	0.035807	-0.061522
-1.41E-05	0.071670	-1.520676	
1.00000	0.076081	0.035807	-0.061522
-1.41E-05	0.148152	-1.565191	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090554	-0.073392	0.041687
2.41E-05	0.114920	3.182426	
0.25000	-0.090554	-0.073392	0.041687
2.41E-05	0.063097	3.273665	
0.50000	-0.090554	-0.073392	0.041687
2.41E-05	0.011273	3.364903	
0.75000	-0.090554	-0.073392	0.041687
2.41E-05	-0.040551	3.456142	
1.00000	-0.090554	-0.073392	0.041687
2.41E-05	-0.092375	3.547381	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017244	0.047940	0.024310
-1.47E-05	0.052071	-2.329601	
0.25000	0.017244	0.047940	0.024310
-1.47E-05	0.021850	-2.389198	
0.50000	0.017244	0.047940	0.024310
-1.47E-05	-0.008372	-2.448795	
0.75000	0.017244	0.047940	0.024310
-1.47E-05	-0.038593	-2.508392	
1.00000	0.017244	0.047940	0.024310
-1.47E-05	-0.068814	-2.567989	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002458	-0.014606	-0.011316
4.00E-06	-0.025674	0.685953	
0.25000	-0.002458	-0.014606	-0.011316
4.00E-06	-0.011606	0.704110	
0.50000	-0.002458	-0.014606	-0.011316
4.00E-06	0.002462	0.722268	
0.75000	-0.002458	-0.014606	-0.011316
4.00E-06	0.016530	0.740425	
1.00000	-0.002458	-0.014606	-0.011316
4.00E-06	0.030598	0.758582	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000429	0.005181	0.008349
7.86E-07	0.020087	-0.184879	
0.25000	-0.000429	0.005181	0.008349
7.86E-07	0.009708	-0.191321	
0.50000	-0.000429	0.005181	0.008349
7.86E-07	-0.000671	-0.197762	
0.75000	-0.000429	0.005181	0.008349
7.86E-07	-0.011049	-0.204203	
1.00000	-0.000429	0.005181	0.008349
7.86E-07	-0.021428	-0.210645	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000115	-0.000931	-0.001507
-1.41E-07	-0.003627	0.033234	
0.25000	0.000115	-0.000931	-0.001507
-1.41E-07	-0.001754	0.034391	
0.50000	0.000115	-0.000931	-0.001507
-1.41E-07	0.000120	0.035548	
0.75000	0.000115	-0.000931	-0.001507
-1.41E-07	0.001993	0.036704	
1.00000	0.000115	-0.000931	-0.001507
-1.41E-07	0.003867	0.037861	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092897	0.088928	-0.028863
-2.80E-05	-0.085619	-3.901613	
0.25000	0.092897	0.088928	-0.028863
-2.80E-05	-0.049737	-4.012166	
0.50000	0.092897	0.088928	-0.028863
-2.80E-05	-0.013855	-4.122719	
0.75000	0.092897	0.088928	-0.028863
-2.80E-05	0.022028	-4.233271	
1.00000	0.092897	0.088928	-0.028863
-2.80E-05	0.057910	-4.343824	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
766

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092897	-0.088928	0.028863
2.80E-05	0.085619	3.901613	
0.25000	-0.092897	-0.088928	0.028863
2.80E-05	0.049737	4.012166	
0.50000	-0.092897	-0.088928	0.028863
2.80E-05	0.013855	4.122719	
0.75000	-0.092897	-0.088928	0.028863
2.80E-05	-0.022028	4.233271	
1.00000	-0.092897	-0.088928	0.028863
2.80E-05	-0.057910	4.343824	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092897	0.088928	0.041687
2.80E-05	0.114920	3.901613	
0.25000	0.092897	0.088928	0.041687
2.80E-05	0.063097	4.012166	
0.50000	0.092897	0.088928	0.041687
2.80E-05	0.013855	4.122719	
0.75000	0.092897	0.088928	0.041687
2.80E-05	0.071670	4.233271	
1.00000	0.092897	0.088928	0.041687
2.80E-05	0.148152	4.343824	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092897	-0.088928	-0.061522
-2.80E-05	-0.157777	-3.901613	
0.25000	-0.092897	-0.088928	-0.061522
-2.80E-05	-0.081294	-4.012166	
0.50000	-0.092897	-0.088928	-0.061522
-2.80E-05	-0.013855	-4.122719	
0.75000	-0.092897	-0.088928	-0.061522
-2.80E-05	-0.040551	-4.233271	
1.00000	-0.092897	-0.088928	-0.061522
-2.80E-05	-0.092375	-4.343824	

ELEM 399 ========== LENGTH = 4.972600

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094412	-0.016855	-0.047846
-1.11E-05	-0.125311	-1.548714	
0.25000	0.094412	-0.016855	-0.047846
-1.11E-05	-0.065831	-1.527760	
0.50000	0.094412	-0.016855	-0.047846
-1.11E-05	-0.006351	-1.506807	
0.75000	0.094412	-0.016855	-0.047846
-1.11E-05	0.053129	-1.485854	
1.00000	0.094412	-0.016855	-0.047846
-1.11E-05	0.112609	-1.464901	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090430	0.031025	0.013277
2.03E-05	0.044889	3.538656	
0.25000	-0.090430	0.031025	0.013277
2.03E-05	0.028383	3.500088	
0.50000	-0.090430	0.031025	0.013277
2.03E-05	0.011878	3.461519	
0.75000	-0.090430	0.031025	0.013277
2.03E-05	-0.004627	3.422951	
1.00000	-0.090430	0.031025	0.013277
2.03E-05	-0.021132	3.384383	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023189	-0.011466	0.043526
-1.55E-05	0.100943	-2.577453	
0.25000	-0.023189	-0.011466	0.043526
-1.55E-05	0.046834	-2.563200	
0.50000	-0.023189	-0.011466	0.043526
-1.55E-05	-0.007276	-2.548946	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
767

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.023189	-0.011466	0.043526
-1.55E-05	-0.061385	-2.534693	
1.00000	-0.023189	-0.011466	0.043526
-1.55E-05	-0.115495	-2.520440	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005343	0.004597	-0.016739
5.24E-06	-0.039616	0.762689	
0.25000	0.005343	0.004597	-0.016739
5.24E-06	-0.018807	0.756974	
0.50000	0.005343	0.004597	-0.016739
5.24E-06	0.002002	0.751259	
0.75000	0.005343	0.004597	-0.016739
5.24E-06	0.022811	0.745544	
1.00000	0.005343	0.004597	-0.016739
5.24E-06	0.043620	0.739829	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016835	-0.008900	0.009489
1.33E-06	0.023286	-0.213566	
0.25000	0.016835	-0.008900	0.009489
1.33E-06	0.011489	-0.202502	
0.50000	0.016835	-0.008900	0.009489
1.33E-06	-0.000308	-0.191438	
0.75000	0.016835	-0.008900	0.009489
1.33E-06	-0.012104	-0.180373	
1.00000	0.016835	-0.008900	0.009489
1.33E-06	-0.023901	-0.169309	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002972	0.001599	-0.001707
-2.40E-07	-0.004191	0.038388	
0.25000	-0.002972	0.001599	-0.001707
-2.40E-07	-0.002068	0.036400	
0.50000	-0.002972	0.001599	-0.001707
-2.40E-07	5.45E-05	0.034413	
0.75000	-0.002972	0.001599	-0.001707
-2.40E-07	0.002177	0.032425	
1.00000	-0.002972	0.001599	-0.001707
-2.40E-07	0.004300	0.030437	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.088058	-0.037221	0.005169
-2.53E-05	-0.001082	-4.339733	
0.25000	0.088058	-0.037221	0.005169
-2.53E-05	-0.007508	-4.293462	
0.50000	0.088058	-0.037221	0.005169
-2.53E-05	-0.013934	-4.247191	
0.75000	0.088058	-0.037221	0.005169
-2.53E-05	-0.020361	-4.200920	
1.00000	0.088058	-0.037221	0.005169
-2.53E-05	-0.026787	-4.154649	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088058	0.037221	-0.005169
2.53E-05	0.001082	4.339733	
0.25000	-0.088058	0.037221	-0.005169
2.53E-05	0.007508	4.293462	
0.50000	-0.088058	0.037221	-0.005169
2.53E-05	0.013934	4.247191	
0.75000	-0.088058	0.037221	-0.005169
2.53E-05	0.020361	4.200920	
1.00000	-0.088058	0.037221	-0.005169
2.53E-05	0.026787	4.154649	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.094412	0.037221	0.043526
2.53E-05	0.100943	4.339733	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
768

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.094412	0.037221	0.043526
2.53E-05	0.046834	4.293462	
0.50000	0.094412	0.037221	0.043526
2.53E-05	0.013934	4.247191	
0.75000	0.094412	0.037221	0.043526
2.53E-05	0.053129	4.200920	
1.00000	0.094412	0.037221	0.043526
2.53E-05	0.112609	4.154649	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090430	-0.037221	-0.047846
-2.53E-05	-0.125311	-4.339733	
0.25000	-0.090430	-0.037221	-0.047846
-2.53E-05	-0.065831	-4.293462	
0.50000	-0.090430	-0.037221	-0.047846
-2.53E-05	-0.013934	-4.247191	
0.75000	-0.090430	-0.037221	-0.047846
-2.53E-05	-0.061385	-4.200920	
1.00000	-0.090430	-0.037221	-0.047846
-2.53E-05	-0.115495	-4.154649	

ELEM 400 ========== LENGTH = 3.481038

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113825	-0.009769	-0.071442
-7.94E-06	-0.130122	-1.450286	
0.25000	0.113825	-0.009769	-0.071442
-7.94E-06	-0.067949	-1.441785	
0.50000	0.113825	-0.009769	-0.071442
-7.94E-06	-0.005775	-1.433283	
0.75000	0.113825	-0.009769	-0.071442
-7.94E-06	0.056398	-1.424782	
1.00000	0.113825	-0.009769	-0.071442
-7.94E-06	0.118571	-1.416281	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086519	0.100520	-0.019841
1.18E-05	-0.025247	3.384586	
0.25000	-0.086519	0.100520	-0.019841
1.18E-05	-0.007980	3.297108	
0.50000	-0.086519	0.100520	-0.019841
1.18E-05	0.009287	3.209630	
0.75000	-0.086519	0.100520	-0.019841
1.18E-05	0.026554	3.122151	
1.00000	-0.086519	0.100520	-0.019841
1.18E-05	0.043821	3.034673	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073345	-0.149636	0.116403
-9.48E-06	0.197942	-2.539249	
0.25000	-0.073345	-0.149636	0.116403
-9.48E-06	0.096641	-2.409026	
0.50000	-0.073345	-0.149636	0.116403
-9.48E-06	-0.004659	-2.278804	
0.75000	-0.073345	-0.149636	0.116403
-9.48E-06	-0.105960	-2.148581	
1.00000	-0.073345	-0.149636	0.116403
-9.48E-06	-0.207261	-2.018359	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015052	0.035156	-0.041445
5.72E-06	-0.070922	0.746713	
0.25000	0.015052	0.035156	-0.041445
5.72E-06	-0.034854	0.716117	
0.50000	0.015052	0.035156	-0.041445
5.72E-06	0.001213	0.685522	
0.75000	0.015052	0.035156	-0.041445
5.72E-06	0.037281	0.654927	
1.00000	0.015052	0.035156	-0.041445
5.72E-06	0.073349	0.624332	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
769

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.037683	0.028922	0.019896
-5.86E-08	0.034551	-0.172834	
0.25000	0.037683	0.028922	0.019896
-5.86E-08	0.017236	-0.198004	
0.50000	0.037683	0.028922	0.019896
-5.86E-08	-7.90E-05	-0.223173	
0.75000	0.037683	0.028922	0.019896
-5.86E-08	-0.017394	-0.248342	
1.00000	0.037683	0.028922	0.019896
-5.86E-08	-0.034709	-0.273512	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006697	-0.005193	-0.003571
6.64E-09	-0.006702	0.031971	
0.25000	-0.006697	-0.005193	-0.003571
6.64E-09	-0.003094	0.035589	
0.50000	-0.006697	-0.005193	-0.003571
6.64E-09	1.36E-05	0.040108	
0.75000	-0.006697	-0.005193	-0.003571
6.64E-09	0.003122	0.044627	
1.00000	-0.006697	-0.005193	-0.003571
6.64E-09	0.006230	0.049146	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078164	-0.130484	0.064857
-1.75E-05	0.102371	-4.162369	
0.25000	0.078164	-0.130484	0.064857
-1.75E-05	0.045929	-4.048815	
0.50000	0.078164	-0.130484	0.064857
-1.75E-05	-0.010514	-3.935260	
0.75000	0.078164	-0.130484	0.064857
-1.75E-05	-0.066957	-3.821705	
1.00000	0.078164	-0.130484	0.064857
-1.75E-05	-0.123399	-3.708151	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078164	0.130484	-0.064857
1.75E-05	-0.102371	4.162369	
0.25000	-0.078164	0.130484	-0.064857
1.75E-05	-0.045929	4.048815	
0.50000	-0.078164	0.130484	-0.064857
1.75E-05	0.010514	3.935260	
0.75000	-0.078164	0.130484	-0.064857
1.75E-05	0.066957	3.821705	
1.00000	-0.078164	0.130484	-0.064857
1.75E-05	0.123399	3.708151	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.113825	0.130484	0.116403
1.75E-05	0.197942	4.162369	
0.25000	0.113825	0.130484	0.116403
1.75E-05	0.096641	4.048815	
0.50000	0.113825	0.130484	0.116403
1.75E-05	0.010514	3.935260	
0.75000	0.113825	0.130484	0.116403
1.75E-05	0.066957	3.821705	
1.00000	0.113825	0.130484	0.116403
1.75E-05	0.123399	3.708151	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086519	-0.149636	-0.071442
-1.75E-05	-0.130122	-4.162369	
0.25000	-0.086519	-0.149636	-0.071442
-1.75E-05	0.067949	-4.048815	
0.50000	-0.086519	-0.149636	-0.071442
-1.75E-05	-0.010514	-3.935260	
0.75000	-0.086519	-0.149636	-0.071442
-1.75E-05	-0.105960	-3.821705	
1.00000	-0.086519	-0.149636	-0.071442
-1.75E-05	-0.207261	-3.708151	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
770

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 401 ========== LENGTH = 3.481101

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118737	0.008841	-0.056577
-3.70E-06	-0.101275	-1.403203	
0.25000	0.118737	0.008841	-0.056577
-3.70E-06	-0.052037	-1.410898	
0.50000	0.118737	0.008841	-0.056577
-3.70E-06	-0.002799	-1.418592	
0.75000	0.118737	0.008841	-0.056577
-3.70E-06	0.046438	-1.426286	
1.00000	0.118737	0.008841	-0.056577
-3.70E-06	0.095676	-1.433981	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085419	-0.048408	-0.056503
-3.92E-06	-0.025722	3.084398	
0.25000	-0.085419	-0.048408	-0.056503
-3.92E-06	-0.038349	3.084126	
0.50000	-0.085419	-0.048408	-0.056503
-3.92E-06	0.010824	3.126254	
0.75000	-0.085419	-0.048408	-0.056503
-3.92E-06	0.059997	3.168382	
1.00000	-0.085419	-0.048408	-0.056503
-3.92E-06	0.109170	3.210510	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082856	0.054976	0.145598
7.16E-06	0.243049	-2.044100	
0.25000	-0.082856	0.054976	0.145598
7.16E-06	0.116339	-2.091945	
0.50000	-0.082856	0.054976	0.145598
7.16E-06	-0.010371	-2.139789	
0.75000	-0.082856	0.054976	0.145598
7.16E-06	-0.137081	-2.187634	
1.00000	-0.082856	0.054976	0.145598
7.16E-06	-0.263791	-2.235478	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017546	0.022528	-0.049451
3.81E-06	-0.083010	0.633511	
0.25000	0.017546	0.022528	-0.049451
3.81E-06	-0.039974	0.613905	
0.50000	0.017546	0.022528	-0.049451
3.81E-06	0.003062	0.594299	
0.75000	0.017546	0.022528	-0.049451
3.81E-06	0.046098	0.574694	
1.00000	0.017546	0.022528	-0.049451
3.81E-06	0.089133	0.555088	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038880	-0.046243	0.020629
-4.10E-06	0.035034	-0.278190	
0.25000	0.038880	-0.046243	0.020629
-4.10E-06	0.017082	-0.237945	
0.50000	0.038880	-0.046243	0.020629
-4.10E-06	-0.000871	-0.197701	
0.75000	0.038880	-0.046243	0.020629
-4.10E-06	-0.018824	-0.157456	
1.00000	0.038880	-0.046243	0.020629
-4.10E-06	-0.036776	-0.117212	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006888	0.008305	-0.003696
7.39E-07	-0.006277	0.049985	
0.25000	-0.006888	0.008305	-0.003696
7.39E-07	-0.003061	0.042757	
0.50000	-0.006888	0.008305	-0.003696
7.39E-07	0.000156	0.035529	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
771

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.006888	0.008305	-0.003696
7.39E-07	0.003372	0.028301	
1.00000	-0.006888	0.008305	-0.003696
7.39E-07	0.006588	0.021073	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074761	0.017574	0.109650
-6.35E-07	0.176809	-3.725493	
0.25000	0.074761	0.017574	0.109650
-6.35E-07	0.081384	-3.740788	
0.50000	0.074761	0.017574	0.109650
-6.35E-07	-0.014042	-3.756082	
0.75000	0.074761	0.017574	0.109650
-6.35E-07	-0.109467	-3.771376	
1.00000	0.074761	0.017574	0.109650
-6.35E-07	-0.204892	-3.786671	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074761	-0.017574	-0.109650
6.35E-07	-0.176809	3.725493	
0.25000	-0.074761	-0.017574	-0.109650
6.35E-07	-0.081384	3.740788	
0.50000	-0.074761	-0.017574	-0.109650
6.35E-07	0.014042	3.756082	
0.75000	-0.074761	-0.017574	-0.109650
6.35E-07	0.109467	3.771376	
1.00000	-0.074761	-0.017574	-0.109650
6.35E-07	0.204892	3.786671	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.118737	0.054976	0.145598
7.16E-06	0.243049	3.725493	
0.25000	0.118737	0.054976	0.145598
7.16E-06	0.116339	3.740788	
0.50000	0.118737	0.054976	0.145598
7.16E-06	0.014042	3.756082	
0.75000	0.118737	0.054976	0.145598
7.16E-06	0.109467	3.771376	
1.00000	0.118737	0.054976	0.145598
7.16E-06	0.204892	3.786671	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085419	-0.048408	-0.109650
-4.10E-06	-0.176809	-3.725493	
0.25000	-0.085419	-0.048408	-0.109650
-4.10E-06	-0.081384	-3.740788	
0.50000	-0.085419	-0.048408	-0.109650
-4.10E-06	-0.014042	-3.756082	
0.75000	-0.085419	-0.048408	-0.109650
-4.10E-06	-0.137081	-3.771376	
1.00000	-0.085419	-0.048408	-0.109650
-4.10E-06	-0.263791	-3.786671	

ELEM 402 ========== LENGTH = 4.972903

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.109311	0.009628	-0.020238
1.05E-06	-0.054388	-1.425517	
0.25000	0.109311	0.009628	-0.020238
1.05E-06	-0.029227	-1.436987	
0.50000	0.109311	0.009628	-0.020238
1.05E-06	-0.004066	-1.448956	
0.75000	0.109311	0.009628	-0.020238
1.05E-06	0.021095	-1.460926	
1.00000	0.109311	0.009628	-0.020238
1.05E-06	0.046256	-1.472895	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
772

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087232	0.036854	-0.052374
-1.33E-05	-0.118156	3.223620	
0.25000	-0.087232	0.036854	-0.052374
-1.33E-05	-0.053042	3.177803	
0.50000	-0.087232	0.036854	-0.052374
-1.33E-05	0.011971	3.131985	
0.75000	-0.087232	0.036854	-0.052374
-1.33E-05	0.077184	3.086168	
1.00000	-0.087232	0.036854	-0.052374
-1.33E-05	0.142297	3.040350	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.052307	-0.106202	0.093144
1.23E-05	0.221741	-2.263556	
0.25000	-0.052307	-0.106202	0.093144
1.23E-05	0.105942	-2.131523	
0.50000	-0.052307	-0.106202	0.093144
1.23E-05	-0.009856	-1.999489	
0.75000	-0.052307	-0.106202	0.093144
1.23E-05	-0.125655	-1.867455	
1.00000	-0.052307	-0.106202	0.093144
1.23E-05	-0.241454	-1.735422	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012816	0.069480	-0.029917
3.40E-06	-0.072058	0.564600	
0.25000	0.012816	0.069480	-0.029917
3.40E-06	-0.034864	0.478220	
0.50000	0.012816	0.069480	-0.029917
3.40E-06	0.002329	0.391840	
0.75000	0.012816	0.069480	-0.029917
3.40E-06	0.039522	0.305461	
1.00000	0.012816	0.069480	-0.029917
3.40E-06	0.076716	0.219081	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021070	-0.011898	0.011431
-4.23E-06	0.027842	-0.121485	
0.25000	0.021070	-0.011898	0.011431
-4.23E-06	0.013630	-0.106692	
0.50000	0.021070	-0.011898	0.011431
-4.23E-06	-0.000581	-0.091900	
0.75000	0.021070	-0.011898	0.011431
-4.23E-06	-0.014793	-0.077107	
1.00000	0.021070	-0.011898	0.011431
-4.23E-06	-0.029004	-0.062315	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003688	0.002139	-0.002045
7.59E-07	-0.004982	0.021838	
0.25000	-0.003658	0.002139	-0.002045
7.59E-07	-0.002439	0.019179	
0.50000	-0.003658	0.002139	-0.002045
7.59E-07	0.000104	0.016519	
0.75000	-0.003658	0.002139	-0.002045
7.59E-07	0.002647	0.013860	
1.00000	-0.003658	0.002139	-0.002045
7.59E-07	0.005189	0.011200	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078074	-0.108473	0.084337
9.12E-06	0.195195	-3.810058	
0.25000	0.078074	-0.108473	0.084337
9.12E-06	0.090346	-3.675202	
0.50000	0.078074	-0.108473	0.084337
9.12E-06	-0.014504	-3.540345	
0.75000	0.078074	-0.108473	0.084337
9.12E-06	-0.119353	-3.405488	
1.00000	0.078074	-0.108473	0.084337
9.12E-06	-0.224202	-3.270632	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
773

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.078074	0.108473	-0.084337
-9.12E-06	-0.195195	3.810058	
0.25000	-0.078074	0.108473	-0.084337
-9.12E-06	-0.090346	3.675202	
0.50000	-0.078074	0.108473	-0.084337
-9.12E-06	0.014504	3.540345	
0.75000	-0.078074	0.108473	-0.084337
-9.12E-06	0.119353	3.405488	
1.00000	-0.078074	0.108473	-0.084337
-9.12E-06	0.224202	3.270632	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.109311	0.108473	0.093144
1.23E-05	0.221741	3.810058	
0.25000	0.109311	0.108473	0.093144
1.23E-05	0.105942	3.675202	
0.50000	0.109311	0.108473	0.093144
1.23E-05	0.014504	3.540345	
0.75000	0.109311	0.108473	0.093144
1.23E-05	0.119353	3.405488	
1.00000	0.109311	0.108473	0.093144
1.23E-05	0.224202	3.270632	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087232	-0.108473	-0.084337
-1.33E-05	-0.195195	-3.810058	
0.25000	-0.087232	-0.108473	-0.084337
-1.33E-05	-0.090346	-3.675202	
0.50000	-0.087232	-0.108473	-0.084337
-1.33E-05	-0.014504	-3.540345	
0.75000	-0.087232	-0.108473	-0.084337
-1.33E-05	-0.125655	-3.405488	
1.00000	-0.087232	-0.108473	-0.084337
-1.33E-05	-0.241454	-3.270632	

ELEM 403 ========== LENGTH = 4.972164

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.101688	-0.041885	-0.009662
4.28E-06	-0.028512	-1.468373	
0.25000	0.101688	-0.041885	-0.009662
4.28E-06	-0.016503	-1.416308	
0.50000	0.101688	-0.041885	-0.009662
4.28E-06	-0.004493	-1.364243	
0.75000	0.101688	-0.041885	-0.009662
4.28E-06	0.007517	-1.312178	
1.00000	0.101688	-0.041885	-0.009662
4.28E-06	0.019527	-1.260113	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086216	0.135606	-0.078778
-1.81E-05	-0.186680	3.059669	
0.25000	-0.086216	0.135606	-0.078778
-1.81E-05	-0.088756	2.891106	
0.50000	-0.086216	0.135606	-0.078778
-1.81E-05	0.009168	2.722543	
0.75000	-0.086216	0.135606	-0.078778
-1.81E-05	0.107092	2.553979	
1.00000	-0.086216	0.135606	-0.078778
-1.81E-05	0.205016	2.385416	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030607	-0.156692	0.111653
1.24E-05	0.272726	-1.765592	
0.25000	-0.030607	-0.156692	0.111653
1.24E-05	0.133938	-1.570817	
0.50000	-0.030607	-0.156692	0.111653
1.24E-05	-0.004851	-1.376042	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
774

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.030607	-0.156692	0.111653
1.24E-05	-0.141640	-1.181268	
1.00000	-0.030607	-0.156692	0.111653
1.24E-05	-0.282429	-0.986493	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009752	0.082959	-0.033187
3.97E-06	-0.082357	0.228537	
0.25000	0.009752	0.082959	-0.033187
3.97E-06	-0.041104	0.125416	
0.50000	0.009752	0.082959	-0.033187
3.97E-06	0.000149	0.022295	
0.75000	0.009752	0.082959	-0.033187
3.97E-06	0.041402	-0.080826	
1.00000	0.009752	0.082959	-0.033187
3.97E-06	0.082655	-0.183947	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006353	-0.024366	0.012147
-3.11E-06	0.030230	-0.066123	
0.25000	0.006353	-0.024366	0.012147
-3.11E-06	0.015131	-0.035835	
0.50000	0.006353	-0.024366	0.012147
-3.11E-06	3.25E-05	-0.005547	
0.75000	0.006353	-0.024366	0.012147
-3.11E-06	-0.015066	0.024741	
1.00000	0.006353	-0.024366	0.012147
-3.11E-06	-0.030165	0.055028	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000970	0.004379	-0.002173
5.58E-07	-0.005407	0.011882	
0.25000	-0.000970	0.004379	-0.002173
5.58E-07	-0.002706	0.006438	
0.50000	-0.000970	0.004379	-0.002173
5.58E-07	-5.69E-06	0.000995	
0.75000	-0.000970	0.004379	-0.002173
5.58E-07	0.002695	-0.004448	
1.00000	-0.000970	0.004379	-0.002173
5.58E-07	0.005396	-0.009891	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077434	-0.222943	0.114138
1.36E-05	0.274444	-3.300088	
0.25000	0.077434	-0.222943	0.114138
1.36E-05	0.132566	-3.022960	
0.50000	0.077434	-0.222943	0.114138
1.36E-05	-0.009312	-2.745833	
0.75000	0.077434	-0.222943	0.114138
1.36E-05	-0.151189	-2.468705	
1.00000	0.077434	-0.222943	0.114138
1.36E-05	-0.293067	-2.191578	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077434	0.222943	-0.114138
-1.36E-05	-0.274444	3.300088	
0.25000	-0.077434	0.222943	-0.114138
-1.36E-05	-0.132566	3.022960	
0.50000	-0.077434	0.222943	-0.114138
-1.36E-05	0.009312	2.745833	
0.75000	-0.077434	0.222943	-0.114138
-1.36E-05	0.151189	2.468705	
1.00000	-0.077434	0.222943	-0.114138
-1.36E-05	0.293067	2.191578	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.101688	0.222943	0.114138
1.36E-05	0.274444	3.300088	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
775

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.101688	0.222943	0.114138
1.36E-05	0.133938	3.022960	
0.50000	0.101688	0.222943	0.114138
1.36E-05	0.009312	2.745833	
0.75000	0.101688	0.222943	0.114138
1.36E-05	0.151189	2.553979	
1.00000	0.101688	0.222943	0.114138
1.36E-05	0.293067	2.385416	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086216	-0.222943	-0.114138
-1.81E-05	-0.274444	-3.300088	
0.25000	-0.086216	-0.222943	-0.114138
-1.81E-05	-0.132566	-3.022960	
0.50000	-0.086216	-0.222943	-0.114138
-1.81E-05	-0.009312	-2.745833	
0.75000	-0.086216	-0.222943	-0.114138
-1.81E-05	-0.151189	-2.468705	
1.00000	-0.086216	-0.222943	-0.114138
-1.81E-05	-0.293067	-2.191578	

ELEM 404 ========== LENGTH = 4.972548

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100720	-0.014236	0.000681
4.10E-06	-0.002236	-1.258833	
0.25000	0.100720	-0.014236	0.000681
4.10E-06	-0.003083	-1.241136	
0.50000	0.100720	-0.014236	0.000681
4.10E-06	-0.003930	-1.223438	
0.75000	0.100720	-0.014236	0.000681
4.10E-06	-0.004776	-1.205740	
1.00000	0.100720	-0.014236	0.000681
4.10E-06	-0.005623	-1.188042	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082156	0.095859	-0.099104
-1.68E-05	-0.239096	2.412458	
0.25000	-0.082156	0.095859	-0.099104
-1.68E-05	-0.115896	2.293292	
0.50000	-0.082156	0.095859	-0.099104
-1.68E-05	0.007304	2.174126	
0.75000	-0.082156	0.095859	-0.099104
-1.68E-05	0.130505	2.054960	
1.00000	-0.082156	0.095859	-0.099104
-1.68E-05	0.253705	1.935795	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030626	-0.162334	0.120834
1.06E-05	0.298019	-1.021889	
0.25000	-0.030626	-0.162334	0.120834
1.06E-05	0.147805	-0.820086	
0.50000	-0.030626	-0.162334	0.120834
1.06E-05	-0.002409	-0.618282	
0.75000	-0.030626	-0.162334	0.120834
1.06E-05	-0.152623	-0.416479	
1.00000	-0.030626	-0.162334	0.120834
1.06E-05	-0.302836	-0.214675	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010353	0.103674	-0.032059
3.91E-06	-0.081020	-0.174034	
0.25000	0.010353	0.103674	-0.032059
3.91E-06	-0.041166	-0.302915	
0.50000	0.010353	0.103674	-0.032059
3.91E-06	-0.001313	-0.431796	
0.75000	0.010353	0.103674	-0.032059
3.91E-06	0.038540	-0.560677	
1.00000	0.010353	0.103674	-0.032059
3.91E-06	0.078394	-0.689559	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
776

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001800	-0.027994	0.011751
-2.13E-06	0.029638	0.051571	
0.25000	0.001800	-0.027994	0.011751
-2.13E-06	0.015030	0.086372	
0.50000	0.001800	-0.027994	0.011751
-2.13E-06	0.000422	0.121172	
0.75000	0.001800	-0.027994	0.011751
-2.13E-06	-0.014186	0.155973	
1.00000	0.001800	-0.027994	0.011751
-2.13E-06	-0.028794	0.190773	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-9.16E-05	0.005031	-0.002103
3.80E-07	-0.005505	0.009372	
0.25000	-9.16E-05	0.005031	-0.002103
3.80E-07	-0.002690	-0.015527	
0.50000	-9.16E-05	0.005031	-0.002103
3.80E-07	-7.52E-05	-0.021782	
0.75000	-9.16E-05	0.005031	-0.002103
3.80E-07	0.002540	-0.028036	
1.00000	-9.16E-05	0.005031	-0.002103
3.80E-07	0.005154	-0.034291	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071895	-0.204564	0.133266
1.25E-05	0.325421	-2.229151	
0.25000	0.071895	-0.204564	0.133266
1.25E-05	0.159752	-1.974850	
0.50000	0.071895	-0.204564	0.133266
1.25E-05	-0.005916	-1.720548	
0.75000	0.071895	-0.204564	0.133266
1.25E-05	-0.171585	-1.466247	
1.00000	0.071895	-0.204564	0.133266
1.25E-05	-0.337253	-1.211945	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071895	0.204564	-0.133266
-1.25E-05	-0.325421	2.229151	
0.25000	-0.071895	0.204564	-0.133266
-1.25E-05	-0.159752	1.974850	
0.50000	-0.071895	0.204564	-0.133266
-1.25E-05	0.005916	1.720548	
0.75000	-0.071895	0.204564	-0.133266
-1.25E-05	0.171585	1.466247	
1.00000	-0.071895	0.204564	-0.133266
-1.25E-05	0.337253	1.211945	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100720	0.204564	0.133266
1.25E-05	0.325421	2.412458	
0.25000	0.100720	0.204564	0.133266
1.25E-05	0.159752	2.293292	
0.50000	0.100720	0.204564	0.133266
1.25E-05	0.007304	2.174126	
0.75000	0.100720	0.204564	0.133266
1.25E-05	0.171585	2.054960	
1.00000	0.100720	0.204564	0.133266
1.25E-05	0.337253	1.935795	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082156	-0.204564	-0.133266
-1.68E-05	-0.325421	-2.229151	
0.25000	-0.082156	-0.204564	-0.133266
-1.68E-05	-0.159752	-1.974850	
0.50000	-0.082156	-0.204564	-0.133266
-1.68E-05	-0.005916	-1.720548	
0.75000	-0.082156	-0.204564	-0.133266
-1.68E-05	-0.171585	-1.466247	
1.00000	-0.082156	-0.204564	-0.133266
-1.68E-05	-0.337253	-1.211945	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
777

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 405 ========== LENGTH = 4.973059

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102728	-0.055712	0.009518
2.71E-06	0.020345	-1.189645	
0.25000	0.102728	-0.055712	0.009518
2.71E-06	0.008512	-1.120380	
0.50000	0.102728	-0.055712	0.009518
2.71E-06	-0.003321	-1.051116	
0.75000	0.102728	-0.055712	0.009518
2.71E-06	-0.015154	-0.981851	
1.00000	0.102728	-0.055712	0.009518
2.71E-06	-0.026987	-0.912586	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074363	0.174949	-0.114349
-1.44E-05	-0.272521	1.968106	
0.25000	-0.074363	0.174949	-0.114349
-1.44E-05	-0.137054	1.750598	
0.50000	-0.074363	0.174949	-0.114349
-1.44E-05	0.005112	1.533091	
0.75000	-0.074363	0.174949	-0.114349
-1.44E-05	0.147279	1.315584	
1.00000	-0.074363	0.174949	-0.114349
-1.44E-05	0.289446	1.098076	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.043868	-0.196259	0.123521
1.02E-05	0.307616	-0.251716	
0.25000	-0.043868	-0.196259	0.123521
1.02E-05	0.154047	-0.007715	
0.50000	-0.043868	-0.196259	0.123521
1.02E-05	0.000478	0.236286	
0.75000	-0.043868	-0.196259	0.123521
1.02E-05	-0.153091	0.480288	
1.00000	-0.043868	-0.196259	0.123521
1.02E-05	-0.306660	0.724289	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013052	0.099584	-0.027174
2.63E-06	-0.070571	-0.680577	
0.25000	0.013052	0.099584	-0.027174
2.63E-06	-0.036786	-0.804387	
0.50000	0.013052	0.099584	-0.027174
2.63E-06	-0.003001	-0.928197	
0.75000	0.013052	0.099584	-0.027174
2.63E-06	0.030784	-1.052006	
1.00000	0.013052	0.099584	-0.027174
2.63E-06	0.064569	-1.175816	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002604	-0.027506	0.010340
-1.35E-06	0.026602	0.187546	
0.25000	0.002604	-0.027506	0.010340
-1.35E-06	0.013746	0.221744	
0.50000	0.002604	-0.027506	0.010340
-1.35E-06	0.000891	0.255941	
0.75000	0.002604	-0.027506	0.010340
-1.35E-06	-0.011965	0.290139	
1.00000	0.002604	-0.027506	0.010340
-1.35E-06	-0.024820	0.324337	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000153	0.004944	-0.001855
2.39E-07	-0.004771	-0.033713	
0.25000	-0.000153	0.004944	-0.001855
2.39E-07	-0.002465	-0.039860	
0.50000	-0.000153	0.004944	-0.001855
2.39E-07	-0.000159	-0.046006	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
778

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.000153	0.004944	-0.001855
2.39E-07	0.002147	-0.052153	
1.00000	-0.000153	0.004944	-0.001855
2.39E-07	0.004453	-0.058300	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061463	-0.279477	0.143379
1.16E-05	0.354563	-1.253815	
0.25000	0.061463	-0.279477	0.143379
1.16E-05	0.176305	-0.906352	
0.50000	0.061463	-0.279477	0.143379
1.16E-05	-0.001952	-0.558888	
0.75000	0.061463	-0.279477	0.143379
1.16E-05	-0.180210	-0.211425	
1.00000	0.061463	-0.279477	0.143379
1.16E-05	-0.358467	0.136039	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061463	0.279477	-0.143379
-1.16E-05	-0.354563	1.253815	
0.25000	-0.061463	0.279477	-0.143379
-1.16E-05	-0.176305	0.906352	
0.50000	-0.061463	0.279477	-0.143379
-1.16E-05	0.001952	0.558888	
0.75000	-0.061463	0.279477	-0.143379
-1.16E-05	0.180210	0.211425	
1.00000	-0.061463	0.279477	-0.143379
-1.16E-05	0.358467	-0.136039	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102728	0.279477	0.143379
1.16E-05	0.354563	1.968106	
0.25000	0.102728	0.279477	0.143379
1.16E-05	0.176305	1.750598	
0.50000	0.102728	0.279477	0.143379
1.16E-05	0.005112	1.533091	
0.75000	0.102728	0.279477	0.143379
1.16E-05	0.180210	1.315584	
1.00000	0.102728	0.279477	0.143379
1.16E-05	0.358467	1.098076	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074363	-0.279477	-0.143379
-1.44E-05	-0.354563	-1.253815	
0.25000	-0.074363	-0.279477	-0.143379
-1.44E-05	-0.176305	-1.120380	
0.50000	-0.074363	-0.279477	-0.143379
-1.44E-05	-0.003321	-1.051116	
0.75000	-0.074363	-0.279477	-0.143379
-1.44E-05	-0.180210	-1.052006	
1.00000	-0.074363	-0.279477	-0.143379
-1.44E-05	-0.358467	-1.175816	

ELEM 406 ========== LENGTH = 4.972749

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104418	-0.055678	0.016404
1.12E-06	0.038423	-0.916522	
0.25000	0.104418	-0.055678	0.016404
1.12E-06	0.018029	-0.847304	
0.50000	0.104418	-0.055678	0.016404
1.12E-06	-0.002364	-0.778086	
0.75000	0.104418	-0.055678	0.016404
1.12E-06	-0.022758	-0.708868	
1.00000	0.104418	-0.055678	0.016404
1.12E-06	-0.043152	-0.639650	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
779

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064782	0.173145	-0.123476
-1.26E-05	-0.304728	1.133827	
0.25000	-0.064782	0.173145	-0.123476
-1.26E-05	-0.151224	0.918575	
0.50000	-0.064782	0.173145	-0.123476
-1.26E-05	-0.002280	0.703323	
0.75000	-0.064782	0.173145	-0.123476
-1.26E-05	0.155785	0.488071	
1.00000	-0.064782	0.173145	-0.123476
-1.26E-05	0.309289	0.272818	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059617	-0.192081	0.119023
1.16E-05	0.299526	0.687818	
0.25000	-0.059617	-0.192081	0.119023
1.16E-05	0.151559	0.926611	
0.50000	-0.059617	-0.192081	0.119023
1.16E-05	0.003591	1.165403	
0.75000	-0.059617	-0.192081	0.119023
1.16E-05	-0.144377	1.404196	
1.00000	-0.059617	-0.192081	0.119023
1.16E-05	-0.292345	1.642989	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015492	0.096304	-0.018368
3.20E-07	-0.050270	-1.168907	
0.25000	0.015492	0.096304	-0.018368
3.20E-07	-0.027435	-1.288631	
0.50000	0.015492	0.096304	-0.018368
3.20E-07	-0.004600	-1.408356	
0.75000	0.015492	0.096304	-0.018368
3.20E-07	0.018234	-1.528080	
1.00000	0.015492	0.096304	-0.018368
3.20E-07	0.041069	-1.647805	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004952	-0.026445	0.007828
-5.56E-07	0.020795	0.321589	
0.25000	0.004952	-0.026445	0.007828
-5.56E-07	0.011063	0.354465	
0.50000	0.004952	-0.026445	0.007828
-5.56E-07	0.001332	0.387340	
0.75000	0.004952	-0.026445	0.007828
-5.56E-07	-0.008400	0.420216	
1.00000	0.004952	-0.026445	0.007828
-5.56E-07	-0.018131	0.453091	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000463	0.004754	-0.001411
9.69E-08	-0.003746	-0.057806	
0.25000	-0.000463	0.004754	-0.001411
9.69E-08	-0.001992	-0.063715	
0.50000	-0.000463	0.004754	-0.001411
9.69E-08	-0.000238	-0.069625	
0.75000	-0.000463	0.004754	-0.001411
9.69E-08	0.001517	-0.075534	
1.00000	-0.000463	0.004754	-0.001411
9.69E-08	0.003271	-0.081444	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049753	-0.274203	0.143255
1.22E-05	0.358744	0.092886	
0.25000	0.049753	-0.274203	0.143255
1.22E-05	0.180651	0.433772	
0.50000	0.049753	-0.274203	0.143255
1.22E-05	0.002558	0.774658	
0.75000	0.049753	-0.274203	0.143255
1.22E-05	-0.175535	1.115544	
1.00000	0.049753	-0.274203	0.143255
1.22E-05	-0.353628	1.456430	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
780

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049753	0.274203	-0.143255
-1.22E-05	-0.358744	-0.092886	
0.25000	-0.049753	0.274203	-0.143255
-1.22E-05	-0.180651	-0.433772	
0.50000	-0.049753	0.274203	-0.143255
-1.22E-05	-0.002558	-0.774658	
0.75000	-0.049753	0.274203	-0.143255
-1.22E-05	0.175535	-1.115544	
1.00000	-0.049753	0.274203	-0.143255
-1.22E-05	0.353628	-1.456430	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104418	0.274203	0.143255
1.22E-05	0.358744	1.133827	
0.25000	0.104418	0.274203	0.143255
1.22E-05	0.180651	0.926611	
0.50000	0.104418	0.274203	0.143255
1.22E-05	0.003591	1.165403	
0.75000	0.104418	0.274203	0.143255
1.22E-05	0.175535	1.404196	
1.00000	0.104418	0.274203	0.143255
1.22E-05	0.353628	1.642989	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064782	-0.274203	-0.143255
-1.26E-05	-0.358744	-1.168907	
0.25000	-0.064782	-0.274203	-0.143255
-1.26E-05	-0.180651	-1.288631	
0.50000	-0.064782	-0.274203	-0.143255
-1.26E-05	-0.004600	-1.408356	
0.75000	-0.064782	-0.274203	-0.143255
-1.26E-05	-0.175535	-1.528080	
1.00000	-0.064782	-0.274203	-0.143255
-1.26E-05	-0.353628	-1.647805	

ELEM 407 ========== LENGTH = 4.972462

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104773	-0.057634	0.020993
-1.96E-07	0.050755	-0.645300	
0.25000	0.104773	-0.057634	0.020993
-1.96E-07	0.024658	-0.573655	
0.50000	0.104773	-0.057634	0.020993
-1.96E-07	-0.001439	-0.502010	
0.75000	0.104773	-0.057634	0.020993
-1.96E-07	-0.027536	-0.430365	
1.00000	0.104773	-0.057634	0.020993
-1.96E-07	-0.053632	-0.358719	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.055750	0.176976	-0.125701
-1.17E-05	-0.313068	0.310267	
0.25000	-0.055750	0.176976	-0.125701
-1.17E-05	-0.156807	0.090266	
0.50000	-0.055750	0.176976	-0.125701
-1.17E-05	-0.000546	-0.129735	
0.75000	-0.055750	0.176976	-0.125701
-1.17E-05	0.155715	-0.349737	
1.00000	-0.055750	0.176976	-0.125701
-1.17E-05	0.311975	-0.569738	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071972	-0.193917	0.106861
1.44E-05	0.272465	1.609005	
0.25000	-0.071972	-0.193917	0.106861
1.44E-05	0.139625	1.850066	
0.50000	-0.071972	-0.193917	0.106861
1.44E-05	0.006784	2.091127	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
781

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.071972	-0.193917	0.106861
1.44E-05	0.005057	2.332188	
1.00000	-0.071972	-0.193917	0.106861
1.44E-05	-0.258897	2.573249	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016535	0.096386	-0.005609
-2.90E-06	-0.020210	-1.644117	
0.25000	0.016535	0.096386	-0.005609
-2.90E-06	-0.013237	-1.763935	
0.50000	0.016535	0.096386	-0.005609
-2.90E-06	-0.006264	-1.883753	
0.75000	0.016535	0.096386	-0.005609
-2.90E-06	0.000709	-2.003572	
1.00000	0.016535	0.096386	-0.005609
-2.90E-06	0.007682	-2.123390	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.007113	-0.026591	0.004231
4.57E-07	0.012303	0.451256	
0.25000	0.007113	-0.026591	0.004231
4.57E-07	0.007043	0.484312	
0.50000	0.007113	-0.026591	0.004231
4.57E-07	0.001783	0.517368	
0.75000	0.007113	-0.026591	0.004231
4.57E-07	-0.003477	0.550424	
1.00000	0.007113	-0.026591	0.004231
4.57E-07	-0.008737	0.583480	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000699	0.004780	-0.000775
-8.48E-08	-0.002246	-0.081111	
0.25000	-0.000699	0.004780	-0.000775
-8.48E-08	-0.001282	-0.087054	
0.50000	-0.000699	0.004780	-0.000775
-8.48E-08	-0.000318	-0.092996	
0.75000	-0.000699	0.004780	-0.000775
-8.48E-08	0.000646	-0.098939	
1.00000	-0.000699	0.004780	-0.000775
-8.48E-08	0.001610	-0.104881	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039914	-0.278142	0.132086
1.46E-05	0.335524	1.414960	
0.25000	0.039914	-0.278142	0.132086
1.46E-05	0.171326	1.760723	
0.50000	0.039914	-0.278142	0.132086
1.46E-05	0.007129	2.106485	
0.75000	0.039914	-0.278142	0.132086
1.46E-05	-0.157069	2.452247	
1.00000	0.039914	-0.278142	0.132086
1.46E-05	-0.321267	2.798009	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039914	0.278142	-0.132086
-1.46E-05	-0.335524	-1.414960	
0.25000	-0.039914	0.278142	-0.132086
-1.46E-05	-0.171326	-1.760723	
0.50000	-0.039914	0.278142	-0.132086
-1.46E-05	-0.007129	-2.106485	
0.75000	-0.039914	0.278142	-0.132086
-1.46E-05	0.157069	-2.452247	
1.00000	-0.039914	0.278142	-0.132086
-1.46E-05	0.321267	-2.798009	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.104773	0.278142	0.132086
1.46E-05	0.335524	1.609005	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
782

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.104773	0.278142	0.132086
1.46E-05	0.171326	1.850066	
0.50000	0.104773	0.278142	0.132086
1.46E-05	0.007129	2.106485	
0.75000	0.104773	0.278142	0.132086
1.46E-05	0.157069	2.452247	
1.00000	0.104773	0.278142	0.132086
1.46E-05	0.321267	2.798009	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071972	-0.278142	-0.132086
-1.46E-05	-0.335524	-1.644117	
0.25000	-0.071972	-0.278142	-0.132086
-1.46E-05	-0.171326	-1.763935	
0.50000	-0.071972	-0.278142	-0.132086
-1.46E-05	-0.007129	-2.106485	
0.75000	-0.071972	-0.278142	-0.132086
-1.46E-05	-0.157069	-2.452247	
1.00000	-0.071972	-0.278142	-0.132086
-1.46E-05	-0.321267	-2.798009	

ELEM 408 ========== LENGTH = 4.973393

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103210	-0.058970	0.023289
-1.02E-06	0.057439	-0.365410	
0.25000	0.103210	-0.058970	0.023289
-1.02E-06	0.028482	-0.292090	
0.50000	0.103210	-0.058970	0.023289
-1.02E-06	-0.000475	-0.218770	
0.75000	0.103210	-0.058970	0.023289
-1.02E-06	-0.029431	-0.145450	
1.00000	0.103210	-0.058970	0.023289
-1.02E-06	-0.058388	-0.072130	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044828	0.135639	-0.121250
-1.17E-05	-0.304627	-0.532664	
0.25000	-0.044828	0.135639	-0.121250
-1.17E-05	-0.153872	-0.701311	
0.50000	-0.044828	0.135639	-0.121250
-1.17E-05	-0.003116	-0.869958	
0.75000	-0.044828	0.135639	-0.121250
-1.17E-05	0.147640	-1.038605	
1.00000	-0.044828	0.135639	-0.121250
-1.17E-05	0.298395	-1.207252	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082725	-0.094277	0.087731
1.77E-05	0.227345	2.544104	
0.25000	-0.082725	-0.094277	0.087731
1.77E-05	0.118264	2.661324	
0.50000	-0.082725	-0.094277	0.087731
1.77E-05	0.009184	2.778543	
0.75000	-0.082725	-0.094277	0.087731
1.77E-05	-0.099896	2.895762	
1.00000	-0.082725	-0.094277	0.087731
1.77E-05	-0.208977	3.012981	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016503	0.022990	0.010448
-6.37E-06	0.018704	-2.124168	
0.25000	0.016503	0.022990	0.010448
-6.37E-06	0.005714	-2.152753	
0.50000	0.016503	0.022990	0.010448
-6.37E-06	-0.007277	-2.181338	
0.75000	0.016503	0.022990	0.010448
-6.37E-06	-0.020267	-2.209923	
1.00000	0.016503	0.022990	0.010448
-6.37E-06	-0.033257	-2.238509	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
783

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008600	-0.006564	-0.000232
1.66E-06	0.001472	0.582910	
0.25000	0.008600	-0.006564	-0.000232
1.66E-06	0.001760	0.591071	
0.50000	0.008600	-0.006564	-0.000232
1.66E-06	0.002049	0.599233	
0.75000	0.008600	-0.006564	-0.000232
1.66E-06	0.002337	0.607394	
1.00000	0.008600	-0.006564	-0.000232
1.66E-06	0.002625	0.615556	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000760	0.001181	1.32E-05
-3.00E-07	-0.000633	-0.104772	
0.25000	-0.000760	0.001181	1.32E-05
-3.00E-07	-0.000349	-0.106241	
0.50000	-0.000760	0.001181	1.32E-05
-3.00E-07	-0.000365	-0.107709	
0.75000	-0.000760	0.001181	1.32E-05
-3.00E-07	-0.000382	-0.109178	
1.00000	-0.000760	0.001181	1.32E-05
-3.00E-07	-0.000398	-0.110646	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029085	-0.159811	0.110789
1.84E-05	0.286256	2.761604	
0.25000	0.029085	-0.159811	0.110789
1.84E-05	0.148507	2.960305	
0.50000	0.029085	-0.159811	0.110789
1.84E-05	0.010758	3.159006	
0.75000	0.029085	-0.159811	0.110789
1.84E-05	0.126991	3.357706	
1.00000	0.029085	-0.159811	0.110789
1.84E-05	0.264739	3.556407	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029085	0.159811	-0.110789
-1.84E-05	-0.286256	-2.761604	
0.25000	-0.029085	0.159811	-0.110789
-1.84E-05	-0.148507	-2.960305	
0.50000	-0.029085	0.159811	-0.110789
-1.84E-05	-0.010758	-3.159006	
0.75000	-0.029085	0.159811	-0.110789
-1.84E-05	0.126991	-3.357706	
1.00000	-0.029085	0.159811	-0.110789
-1.84E-05	0.264739	-3.556407	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103210	0.159811	0.110789
1.84E-05	0.286256	2.761604	
0.25000	0.103210	0.159811	0.110789
1.84E-05	0.148507	2.960305	
0.50000	0.103210	0.159811	0.110789
1.84E-05	0.010758	3.159006	
0.75000	0.103210	0.159811	0.110789
1.84E-05	0.147640	3.357706	
1.00000	0.103210	0.159811	0.110789
1.84E-05	0.298395	3.556407	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082725	-0.159811	-0.121250
-1.84E-05	-0.304627	-2.761604	
0.25000	-0.082725	-0.159811	-0.121250
-1.84E-05	-0.153872	-2.960305	
0.50000	-0.082725	-0.159811	-0.121250
-1.84E-05	-0.010758	-3.159006	
0.75000	-0.082725	-0.159811	-0.121250
-1.84E-05	-0.126991	-3.357706	
1.00000	-0.082725	-0.159811	-0.121250
-1.84E-05	-0.264739	-3.556407	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
784

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 409 ========== LENGTH = 4.972406

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100364	-0.048290	0.023515
-1.35E-06	0.056781	-0.079186	
0.25000	0.100364	-0.048290	0.023515
-1.35E-06	0.029550	-0.019157	
0.50000	0.100364	-0.048290	0.023515
-1.35E-06	0.000318	0.040873	
0.75000	0.100364	-0.048290	0.023515
-1.35E-06	-0.028913	0.100902	
1.00000	0.100364	-0.048290	0.023515
-1.35E-06	-0.058145	0.160931	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.032664	0.143646	-0.111315
-1.16E-05	-0.281875	-1.172243	
0.25000	-0.032664	0.143646	-0.111315
-1.16E-05	-0.143500	-1.350810	
0.50000	-0.032664	0.143646	-0.111315
-1.16E-05	-0.005124	-1.529376	
0.75000	-0.032664	0.143646	-0.111315
-1.16E-05	0.133251	-1.707942	
1.00000	-0.032664	0.143646	-0.111315
-1.16E-05	0.271626	-1.886509	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093062	-0.150909	0.063127
1.93E-05	0.168134	2.990099	
0.25000	-0.093062	-0.150909	0.063127
1.93E-05	0.089661	3.177694	
0.50000	-0.093062	-0.150909	0.063127
1.93E-05	0.011188	3.365289	
0.75000	-0.093062	-0.150909	0.063127
1.93E-05	-0.067285	3.552883	
1.00000	-0.093062	-0.150909	0.063127
1.93E-05	-0.145758	3.740478	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016434	0.072114	0.029087
-8.67E-06	0.064044	-2.244235	
0.25000	0.016434	0.072114	0.029087
-8.67E-06	0.027886	-2.333880	
0.50000	0.016434	0.072114	0.029087
-8.67E-06	-0.008271	-2.423525	
0.75000	0.016434	0.072114	0.029087
-8.67E-06	-0.044429	-2.513170	
1.00000	0.016434	0.072114	0.029087
-8.67E-06	-0.080587	-2.602815	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009586	-0.020193	-0.005326
2.78E-06	-0.010942	0.616340	
0.25000	0.009586	-0.020193	-0.005326
2.78E-06	-0.004321	0.641442	
0.50000	0.009586	-0.020193	-0.005326
2.78E-06	0.002300	0.666544	
0.75000	0.009586	-0.020193	-0.005326
2.78E-06	0.008921	0.691646	
1.00000	0.009586	-0.020193	-0.005326
2.78E-06	0.015542	0.716748	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000658	0.003631	0.000912
-4.98E-07	0.001858	-0.110776	
0.25000	-0.000658	0.003631	0.000912
-4.98E-07	0.000724	-0.115290	
0.50000	-0.000658	0.003631	0.000912
-4.98E-07	-0.000410	-0.119804	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
785

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.000658	0.003631	0.000912
-4.98E-07	-0.001544	-0.124318	
1.00000	-0.000658	0.003631	0.000912
-4.98E-07	-0.002678	-0.128832	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016888	-0.219391	0.081316
2.07E-05	0.215973	3.527254	
0.25000	0.016888	-0.219391	0.081316
2.07E-05	0.114889	3.799979	
0.50000	0.016888	-0.219391	0.081316
2.07E-05	0.013806	4.072705	
0.75000	0.016888	-0.219391	0.081316
2.07E-05	-0.087278	4.345431	
1.00000	0.016888	-0.219391	0.081316
2.07E-05	-0.188361	4.618156	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.016888	0.219391	-0.081316
-2.07E-05	-0.215973	-3.527254	
0.25000	-0.016888	0.219391	-0.081316
-2.07E-05	-0.114889	-3.799979	
0.50000	-0.016888	0.219391	-0.081316
-2.07E-05	-0.013806	-4.072705	
0.75000	-0.016888	0.219391	-0.081316
-2.07E-05	0.087278	-4.345431	
1.00000	-0.016888	0.219391	-0.081316
-2.07E-05	0.188361	-4.618156	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.100364	0.219391	0.081316
2.07E-05	0.215973	3.527254	
0.25000	0.100364	0.219391	0.081316
2.07E-05	0.114889	3.799979	
0.50000	0.100364	0.219391	0.081316
2.07E-05	0.013806	4.072705	
0.75000	0.100364	0.219391	0.081316
2.07E-05	0.133251	4.345431	
1.00000	0.100364	0.219391	0.081316
2.07E-05	0.271626	4.618156	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093062	-0.219391	-0.111315
-2.07E-05	-0.281875	-3.527254	
0.25000	-0.093062	-0.219391	-0.111315
-2.07E-05	-0.143500	-3.799979	
0.50000	-0.093062	-0.219391	-0.111315
-2.07E-05	-0.013806	-4.072705	
0.75000	-0.093062	-0.219391	-0.111315
-2.07E-05	-0.087278	-4.345431	
1.00000	-0.093062	-0.219391	-0.111315
-2.07E-05	-0.188361	-4.618156	

ELEM 410 ========== LENGTH = 4.972543

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096900	-0.037598	0.021175
-1.55E-06	0.054310	-0.154170	
0.25000	0.096900	-0.037598	0.021175
-1.55E-06	0.027988	0.200910	
0.50000	0.096900	-0.037598	0.021175
-1.55E-06	0.001665	0.247650	
0.75000	0.096900	-0.037598	0.021175
-1.55E-06	-0.024658	0.294390	
1.00000	0.096900	-0.037598	0.021175
-1.55E-06	-0.050981	0.341130	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
786

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.018799	0.072171	-0.093218
-8.71E-06	-0.241490	-1.855772	
0.25000	-0.018799	0.072171	-0.093218
-8.71E-06	-0.125608	-1.945490	
0.50000	-0.018799	0.072171	-0.093218
-8.71E-06	-0.009725	-2.035208	
0.75000	-0.018799	0.072171	-0.093218
-8.71E-06	0.106157	-2.124926	
1.00000	-0.018799	0.072171	-0.093218
-8.71E-06	0.222039	-2.214644	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105527	-0.025163	0.032901
1.47E-05	0.095330	3.726262	
0.25000	-0.105527	-0.025163	0.032901
1.47E-05	0.054430	3.757743	
0.50000	-0.105527	-0.025163	0.032901
1.47E-05	0.013530	3.788825	
0.75000	-0.105527	-0.025163	0.032901
1.47E-05	-0.027370	3.820106	
1.00000	-0.105527	-0.025163	0.032901
1.47E-05	-0.068271	3.851387	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017602	-0.011103	0.047789
-7.29E-06	0.111644	-2.614566	
0.25000	0.017602	-0.011103	0.047789
-7.29E-06	0.052236	-2.600764	
0.50000	0.017602	-0.011103	0.047789
-7.29E-06	-0.007173	-2.586962	
0.75000	0.017602	-0.011103	0.047789
-7.29E-06	-0.066581	-2.573159	
1.00000	0.017602	-0.011103	0.047789
-7.29E-06	-0.125990	-2.559357	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010221	0.002064	-0.010466
3.47E-06	-0.023947	0.719155	
0.25000	0.010221	0.002064	-0.010466
3.47E-06	-0.010936	0.716589	
0.50000	0.010221	0.002064	-0.010466
3.47E-06	0.002075	0.714024	
0.75000	0.010221	0.002064	-0.010466
3.47E-06	0.015086	0.711458	
1.00000	0.010221	0.002064	-0.010466
3.47E-06	0.028097	0.708892	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000370	-0.000370	0.001819
-6.14E-07	0.004152	-0.129249	
0.25000	-0.000397	-0.000370	0.001819
-6.14E-07	0.001890	-0.128789	
0.50000	-0.000397	-0.000370	0.001819
-6.14E-07	-0.000371	-0.128329	
0.75000	-0.000397	-0.000370	0.001819
-6.14E-07	-0.002633	-0.127869	
1.00000	-0.000397	-0.000370	0.001819
-6.14E-07	-0.004894	-0.127409	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001594	-0.060698	0.043609
1.66E-05	0.125694	4.599587	
0.25000	0.001594	-0.060698	0.043609
1.66E-05	0.071482	4.675043	
0.50000	0.001594	-0.060698	0.043609
1.66E-05	0.017270	4.750498	
0.75000	0.001594	-0.060698	0.043609
1.66E-05	-0.036943	4.825954	
1.00000	0.001594	-0.060698	0.043609
1.66E-05	-0.091155	4.901409	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 787
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001594	0.060698	-0.043609
-1.66E-05	-0.125694	-4.599587	
0.25000	-0.001594	0.060698	-0.043609
-1.66E-05	-0.071482	-4.675043	
0.50000	-0.001594	0.060698	-0.043609
-1.66E-05	-0.017270	-4.750498	
0.75000	-0.001594	0.060698	-0.043609
-1.66E-05	0.036943	-4.825954	
1.00000	-0.001594	0.060698	-0.043609
-1.66E-05	0.091155	-4.901409	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.096900	0.072171	0.047789
1.66E-05	0.125694	4.599587	
0.25000	0.096900	0.072171	0.047789
1.66E-05	0.071482	4.675043	
0.50000	0.096900	0.072171	0.047789
1.66E-05	0.017270	4.750498	
0.75000	0.096900	0.072171	0.047789
1.66E-05	0.106157	4.825954	
1.00000	0.096900	0.072171	0.047789
1.66E-05	0.222039	4.901409	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105527	-0.060698	-0.093218
-1.66E-05	-0.241490	-4.599587	
0.25000	-0.105527	-0.060698	-0.093218
-1.66E-05	-0.125608	-4.675043	
0.50000	-0.105527	-0.060698	-0.093218
-1.66E-05	-0.017270	-4.750498	
0.75000	-0.105527	-0.060698	-0.093218
-1.66E-05	-0.066581	-4.825954	
1.00000	-0.105527	-0.060698	-0.093218
-1.66E-05	-0.125990	-4.901409	

ELEM 411 ========== LENGTH = 3.481352

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093708	-0.022009	0.035598
-1.97E-06	0.064055	0.334217	
0.25000	0.093708	-0.022009	0.035598
-1.97E-06	0.033072	0.353372	
0.50000	0.093708	-0.022009	0.035598
-1.97E-06	0.002090	0.372527	
0.75000	0.093708	-0.022009	0.035598
-1.97E-06	-0.028892	0.391682	
1.00000	0.093708	-0.022009	0.035598
-1.97E-06	-0.059874	0.410838	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005705	0.020908	-0.148078
-4.33E-06	-0.267899	-2.185323	
0.25000	-0.005705	0.020908	-0.148078
-4.33E-06	-0.139020	-2.203520	
0.50000	-0.005705	0.020908	-0.148078
-4.33E-06	-0.010142	-2.221717	
0.75000	-0.005705	0.020908	-0.148078
-4.33E-06	0.118736	-2.239914	
1.00000	-0.005705	0.020908	-0.148078
-4.33E-06	0.247614	-2.258111	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117042	0.041848	0.012488
6.57E-06	0.033345	3.845568	
0.25000	-0.117042	0.041848	0.012488
6.57E-06	0.022476	3.809146	
0.50000	-0.117042	0.041848	0.012488
6.57E-06	0.011607	3.772724	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 788
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.117042	0.041848	0.012488
6.57E-06	0.001738	3.736303	
1.00000	-0.117042	0.041848	0.012488
6.57E-06	-0.010132	3.699881	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018119	-0.053106	0.123717
-3.67E-06	0.210606	-2.579772	
0.25000	0.018119	-0.053106	0.123717
-3.67E-06	0.102931	-2.533551	
0.50000	0.018119	-0.053106	0.123717
-3.67E-06	-0.004745	-2.487331	
0.75000	0.018119	-0.053106	0.123717
-3.67E-06	-0.112421	-2.441111	
1.00000	0.018119	-0.053106	0.123717
-3.67E-06	-0.220096	-2.394891	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010953	0.015051	-0.028738
4.11E-06	-0.048573	0.713525	
0.25000	0.010953	0.015051	-0.028738
4.11E-06	-0.023561	0.700425	
0.50000	0.010953	0.015051	-0.028738
4.11E-06	0.001451	0.687326	
0.75000	0.010953	0.015051	-0.028738
4.11E-06	0.026463	0.674226	
1.00000	0.010953	0.015051	-0.028738
4.11E-06	0.051475	0.661126	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-3.32E-05	-0.002692	0.005013
-7.15E-07	0.008465	-0.128216	
0.25000	-3.32E-05	-0.002692	0.005013
-7.15E-07	0.004102	-0.125873	
0.50000	-3.32E-05	-0.002692	0.005013
-7.15E-07	-0.000261	-0.123530	
0.75000	-3.32E-05	-0.002692	0.005013
-7.15E-07	-0.004624	-0.121186	
1.00000	-3.32E-05	-0.002692	0.005013
-7.15E-07	-0.008987	-0.118843	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012381	0.034890	0.019348
8.72E-06	0.048827	4.893310	
0.25000	-0.012381	0.034890	0.019348
8.72E-06	0.031988	4.862944	
0.50000	-0.012381	0.034890	0.019348
8.72E-06	0.015148	4.832577	
0.75000	-0.012381	0.034890	0.019348
8.72E-06	-0.001692	4.802211	
1.00000	-0.012381	0.034890	0.019348
8.72E-06	-0.018531	4.771845	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012381	-0.034890	-0.019348
-8.72E-06	-0.048827	-4.893310	
0.25000	0.012381	-0.034890	-0.019348
-8.72E-06	-0.031988	-4.862944	
0.50000	0.012381	-0.034890	-0.019348
-8.72E-06	-0.015148	-4.832577	
0.75000	0.012381	-0.034890	-0.019348
-8.72E-06	0.001692	-4.802211	
1.00000	0.012381	-0.034890	-0.019348
-8.72E-06	0.018531	-4.771845	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093708	0.041848	0.123717
8.72E-06	0.210606	4.893310	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 789
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.093708	0.041848	0.123717
8.72E-06	0.102931	4.862944	
0.50000	0.093708	0.041848	0.123717
8.72E-06	0.015148	4.832577	
0.75000	0.093708	0.041848	0.123717
8.72E-06	0.118736	4.802211	
1.00000	0.093708	0.041848	0.123717
8.72E-06	0.247614	4.771845	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117042	-0.053106	-0.148078
-8.72E-06	-0.267899	-4.893310	
0.25000	-0.117042	-0.053106	-0.148078
-8.72E-06	-0.139020	-4.862944	
0.50000	-0.117042	-0.053106	-0.148078
-8.72E-06	-0.015148	-4.832577	
0.75000	-0.117042	-0.053106	-0.148078
-8.72E-06	-0.112421	-4.802211	
1.00000	-0.117042	-0.053106	-0.148078
-8.72E-06	-0.220096	-4.771845	

ELEM 412 ========== LENGTH = 3.481014

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092029	-0.009373	0.030977
-2.20E-06	0.054618	0.403951	
0.25000	0.092029	-0.009373	0.030977
-2.20E-06	0.027660	0.412107	
0.50000	0.092029	-0.009373	0.030977
-2.20E-06	0.000702	0.420264	
0.75000	0.092029	-0.009373	0.030977
-2.20E-06	-0.026256	0.428420	
1.00000	0.092029	-0.009373	0.030977
-2.20E-06	-0.053214	0.436576	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000571	0.049492	-0.123030
2.31E-06	-0.218365	-2.230082	
0.25000	0.000571	0.049492	-0.123030
2.31E-06	-0.111298	-2.273153	
0.50000	0.000571	0.049492	-0.123030
2.31E-06	-0.004231	-2.316223	
0.75000	0.000571	0.049492	-0.123030
2.31E-06	0.102836	-2.359293	
1.00000	0.000571	0.049492	-0.123030
2.31E-06	0.209903	-2.402364	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117500	-0.038389	-0.029332
-6.31E-06	-0.039071	3.701620	
0.25000	-0.117500	-0.038389	-0.029332
-6.31E-06	-0.013544	3.735028	
0.50000	-0.117500	-0.038389	-0.029332
-6.31E-06	0.011982	3.768436	
0.75000	-0.117500	-0.038389	-0.029332
-6.31E-06	0.037509	3.801844	
1.00000	-0.117500	-0.038389	-0.029332
-6.31E-06	0.063035	3.835252	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011967	-0.029580	0.150941
2.87E-06	0.252026	-2.423288	
0.25000	0.011967	-0.029580	0.150941
2.87E-06	0.120669	-2.397545	
0.50000	0.011967	-0.029580	0.150941
2.87E-06	-0.010688	-2.371803	
0.75000	0.011967	-0.029580	0.150941
2.87E-06	-0.142045	-2.346061	
1.00000	0.011967	-0.029580	0.150941
2.87E-06	-0.273402	-2.320318	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 790
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012672	0.033942	-0.035808
4.06E-06	-0.059609	0.667808	
0.25000	0.012672	0.033942	-0.035808
4.06E-06	-0.028447	0.638270	
0.50000	0.012672	0.033942	-0.035808
4.06E-06	0.002715	0.608731	
0.75000	0.012672	0.033942	-0.035808
4.06E-06	0.033877	0.579193	
1.00000	0.012672	0.033942	-0.035808
4.06E-06	0.065039	0.549655	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000260	-0.006092	0.006252
-7.28E-07	0.010401	-0.120009	
0.25000	0.000260	-0.006092	0.006252
-7.28E-07	0.004960	-0.114707	
0.50000	0.000260	-0.006092	0.006252
-7.28E-07	-0.000481	-0.109405	
0.75000	0.000260	-0.006092	0.006252
-7.28E-07	-0.005921	-0.104104	
1.00000	0.000260	-0.006092	0.006252
-7.28E-07	-0.011362	-0.098802	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012798	-0.013819	-0.034163
-4.45E-06	-0.044062	4.773379	
0.25000	-0.012798	-0.013819	-0.034163
-4.45E-06	-0.014331	4.785405	
0.50000	-0.012798	-0.013819	-0.034163
-4.45E-06	0.015399	4.797431	
0.75000	-0.012798	-0.013819	-0.034163
-4.45E-06	0.045130	4.809458	
1.00000	-0.012798	-0.013819	-0.034163
-4.45E-06	0.074861	4.821484	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012798	0.013819	0.034163
4.45E-06	0.044062	-4.773379	
0.25000	0.012798	0.013819	0.034163
4.45E-06	0.014331	-4.785405	
0.50000	0.012798	0.013819	0.034163
4.45E-06	-0.015399	-4.797431	
0.75000	0.012798	0.013819	0.034163
4.45E-06	-0.045130	-4.809458	
1.00000	0.012798	0.013819	0.034163
4.45E-06	-0.074861	-4.821484	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.092029	0.049492	0.150941
4.45E-06	0.252026	4.773379	
0.25000	0.092029	0.049492	0.150941
4.45E-06	0.120669	4.785405	
0.50000	0.092029	0.049492	0.150941
4.45E-06	0.015399	4.797431	
0.75000	0.092029	0.049492	0.150941
4.45E-06	0.102836	4.809458	
1.00000	0.092029	0.049492	0.150941
4.45E-06	0.209903	4.821484	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.117500	-0.038389	-0.123030
-6.31E-06	-0.218365	-4.773379	
0.25000	-0.117500	-0.038389	-0.123030
-6.31E-06	-0.111298	-4.785405	
0.50000	-0.117500	-0.038389	-0.123030
-6.31E-06	-0.015399	-4.797431	
0.75000	-0.117500	-0.038389	-0.123030
-6.31E-06	-0.142045	-4.809458	
1.00000	-0.117500	-0.038389	-0.123030
-6.31E-06	-0.273402	-4.821484	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 791
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 413 ========== LENGTH = 4.972986

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091771	-0.001547	0.013265
-2.05E-06	0.034186	0.431319	
0.25000	0.091771	-0.001547	0.013265
-2.05E-06	0.017695	0.433243	
0.50000	0.091771	-0.001547	0.013265
-2.05E-06	0.001204	0.435166	
0.75000	0.091771	-0.001547	0.013265
-2.05E-06	-0.015287	0.437090	
1.00000	0.091771	-0.001547	0.013265
-2.05E-06	-0.031779	0.439014	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000585	0.009098	-0.048718
6.37E-06	-0.112705	-2.382059	
0.25000	0.000585	0.009098	-0.048718
6.37E-06	-0.067136	-2.393370	
0.50000	0.000585	0.009098	-0.048718
6.37E-06	-0.006568	-2.404682	
0.75000	0.000585	0.009098	-0.048718
6.37E-06	0.054001	-2.415993	
1.00000	0.000585	0.009098	-0.048718
6.37E-06	0.114570	-2.427305	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107349	0.030855	-0.041775
-1.45E-05	-0.090131	3.844484	
0.25000	-0.107349	0.030855	-0.041775
-1.45E-05	-0.038195	3.806124	
0.50000	-0.107349	0.030855	-0.041775
-1.45E-05	0.013741	3.767763	
0.75000	-0.107349	0.030855	-0.041775
-1.45E-05	0.065678	3.729403	
1.00000	-0.107349	0.030855	-0.041775
-1.45E-05	0.117614	3.691043	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000939	-0.088736	0.095709
7.21E-06	0.227867	-2.350490	
0.25000	-0.000939	-0.088736	0.095709
7.21E-06	0.108877	-2.240169	
0.50000	-0.000939	-0.088736	0.095709
7.21E-06	0.010113	-2.129848	
0.75000	-0.000939	-0.088736	0.095709
7.21E-06	-0.129103	-2.019526	
1.00000	-0.000939	-0.088736	0.095709
7.21E-06	-0.248093	-1.909205	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015425	0.061347	-0.022395
3.65E-06	-0.053576	0.556794	
0.25000	0.015425	0.061347	-0.022395
3.65E-06	-0.025734	0.480525	
0.50000	0.015425	0.061347	-0.022395
3.65E-06	0.002109	0.404255	
0.75000	0.015425	0.061347	-0.022395
3.65E-06	0.029951	0.327985	
1.00000	0.015425	0.061347	-0.022395
3.65E-06	0.057794	0.251715	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000508	-0.011017	0.003914
-6.43E-07	0.009359	-0.100049	
0.25000	0.000508	-0.011017	0.003914
-6.43E-07	0.004493	-0.086352	
0.50000	0.000508	-0.011017	0.003914
-6.43E-07	-0.000374	-0.072655	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 792
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.000508	-0.011017	0.003914
-6.43E-07	-0.005240	-0.058958	
1.00000	0.000508	-0.011017	0.003914
-6.43E-07	-0.010106	-0.045262	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000153	0.090655	-0.050905
-1.29E-05	-0.109521	4.832598	
0.25000	-0.000153	0.090655	-0.050905
-1.29E-05	-0.046234	4.719891	
0.50000	-0.000153	0.090655	-0.050905
-1.29E-05	0.017054	4.607185	
0.75000	-0.000153	0.090655	-0.050905
-1.29E-05	0.080342	4.494478	
1.00000	-0.000153	0.090655	-0.050905
-1.29E-05	0.143629	4.381772	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000153	-0.090655	0.050905
1.29E-05	0.109521	-4.832598	
0.25000	0.000153	-0.090655	0.050905
1.29E-05	0.046234	-4.719891	
0.50000	0.000153	-0.090655	0.050905
1.29E-05	0.017054	-4.607185	
0.75000	0.000153	-0.090655	0.050905
1.29E-05	0.080342	-4.494478	
1.00000	0.000153	-0.090655	0.050905
1.29E-05	0.143629	-4.381772	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091771	0.090655	0.095709
1.29E-05	0.227867	4.832598	
0.25000	0.091771	0.090655	0.095709
1.29E-05	0.108877	4.719891	
0.50000	0.091771	0.090655	0.095709
1.29E-05	0.017054	4.607185	
0.75000	0.091771	0.090655	0.095709
1.29E-05	0.080342	4.494478	
1.00000	0.091771	0.090655	0.095709
1.29E-05	0.143629	4.381772	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.107349	-0.090655	-0.050905
-1.45E-05	-0.127705	-4.832598	
0.25000	-0.107349	-0.090655	-0.050905
-1.45E-05	-0.067136	-4.719891	
0.50000	-0.107349	-0.090655	-0.050905
-1.45E-05	-0.017054	-4.607185	
0.75000	-0.107349	-0.090655	-0.050905
-1.45E-05	-0.129103	-4.494478	
1.00000	-0.107349	-0.090655	-0.050905
-1.45E-05	-0.248093	-4.381772	

ELEM 414 ========== LENGTH = 4.972566

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091699	0.012086	0.010069
-1.83E-06	0.026603	0.435500	
0.25000	0.091699	0.012086	0.010069
-1.83E-06	0.014085	0.420475	
0.50000	0.091699	0.012086	0.010069
-1.83E-06	0.001568	0.405450	
0.75000	0.091699	0.012086	0.010069
-1.83E-06	-0.010950	0.390425	
1.00000	0.091699	0.012086	0.010069
-1.83E-06	-0.023467	0.375400	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 793
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000320	-0.067607	-0.031517
8.16E-06	-0.086066	-2.415230	
0.25000	0.000320	-0.067607	-0.031517
8.16E-06	-0.046886	-2.331184	
0.50000	0.000320	-0.067607	-0.031517
8.16E-06	-0.007706	-2.247139	
0.75000	0.000320	-0.067607	-0.031517
8.16E-06	0.031474	-2.163093	
1.00000	0.000320	-0.067607	-0.031517
8.16E-06	0.070653	-2.079047	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.095812	0.154875	-0.072252
-1.94E-05	-0.168559	3.708269	
0.25000	-0.095812	0.154875	-0.072252
-1.94E-05	-0.078739	3.515737	
0.50000	-0.095812	0.154875	-0.072252
-1.94E-05	0.011081	3.323205	
0.75000	-0.095812	0.154875	-0.072252
-1.94E-05	0.100900	3.130673	
1.00000	-0.095812	0.154875	-0.072252
-1.94E-05	0.190720	2.938141	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015651	-0.163697	0.114603
1.01E-05	0.279762	-1.940976	
0.25000	-0.015651	-0.163697	0.114603
1.01E-05	0.137294	-1.737477	
0.50000	-0.015651	-0.163697	0.114603
1.01E-05	-0.005175	-1.533979	
0.75000	-0.015651	-0.163697	0.114603
1.01E-05	-0.147643	-1.330480	
1.00000	-0.015651	-0.163697	0.114603
1.01E-05	-0.290111	-1.126981	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018470	0.078430	-0.025337
3.62E-06	-0.062710	0.258967	
0.25000	0.018470	0.078430	-0.025337
3.62E-06	-0.031214	0.161467	
0.50000	0.018470	0.078430	-0.025337
3.62E-06	0.000283	0.063968	
0.75000	0.018470	0.078430	-0.025337
3.62E-06	0.031780	-0.033532	
1.00000	0.018470	0.078430	-0.025337
3.62E-06	0.063277	-0.131032	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000974	-0.014087	0.004433
-6.32E-07		0.010971	-0.046530	
0.25000		0.000974	-0.014087	0.004433
-6.32E-07		0.005460	-0.029018	
0.50000		0.000974	-0.014087	0.004433
-6.32E-07		-5.09E-05	-0.011505	
0.75000		0.000974	-0.014087	0.004433
-6.32E-07		-0.005562	0.006007	
1.00000		0.000974	-0.014087	0.004433
-6.32E-07		-0.011073	0.023519	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.014357	0.245392	-0.087520
-1.76E-05		-0.204667	4.402736	
0.25000		0.014357	0.245392	-0.087520
-1.76E-05		-0.095868	4.097679	
0.50000		0.014357	0.245392	-0.087520
-1.76E-05		0.012932	3.792622	
0.75000		0.014357	0.245392	-0.087520
-1.76E-05		0.121731	3.487566	
1.00000		0.014357	0.245392	-0.087520
-1.76E-05		0.230530	3.182509	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 794
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.014357	-0.245392	0.087520
1.76E-05		0.204667	-4.402736	
0.25000		-0.014357	-0.245392	0.087520
1.76E-05		0.095868	-4.097679	
0.50000		-0.014357	-0.245392	0.087520
1.76E-05		-0.012932	-3.792622	
0.75000		-0.014357	-0.245392	0.087520
1.76E-05		-0.121731	-3.487566	
1.00000		-0.014357	-0.245392	0.087520
1.76E-05		-0.230530	-3.182509	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.091699	0.245392	0.114603
1.76E-05		0.279762	4.402736	
0.25000		0.091699	0.245392	0.114603
1.76E-05		0.137294	4.097679	
0.50000		0.091699	0.245392	0.114603
1.76E-05		0.012932	3.792622	
0.75000		0.091699	0.245392	0.114603
1.76E-05		0.121731	3.487566	
1.00000		0.091699	0.245392	0.114603
1.76E-05		0.230530	3.182509	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.095812	-0.245392	-0.087520
-1.94E-05		-0.204667	-4.402736	
0.25000		-0.095812	-0.245392	-0.087520
-1.94E-05		-0.095868	-4.097679	
0.50000		-0.095812	-0.245392	-0.087520
-1.94E-05		-0.012932	-3.792622	
0.75000		-0.095812	-0.245392	-0.087520
-1.94E-05		-0.147643	-3.487566	
1.00000		-0.095812	-0.245392	-0.087520
-1.94E-05		-0.290111	-3.182509	

ELEM 415 ========== LENGTH = 4.972251

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.091365	0.003964	0.006629
-1.24E-06		0.017691	0.372911	
0.25000		0.091365	0.003964	0.006629
-1.24E-06		0.009650	0.367983	
0.50000		0.091365	0.003964	0.006629
-1.24E-06		0.001409	0.363055	
0.75000		0.091365	0.003964	0.006629
-1.24E-06		-0.006831	0.358127	
1.00000		0.091365	0.003964	0.006629
-1.24E-06		-0.015072	0.353199	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000912	-0.022944	-0.014204
6.10E-06		-0.042087	-2.072260	
0.25000		0.000912	-0.022944	-0.014204
6.10E-06		-0.024431	-2.043738	
0.50000		0.000912	-0.022944	-0.014204
6.10E-06		-0.006775	-2.015217	
0.75000		0.000912	-0.022944	-0.014204
6.10E-06		0.010881	-1.986696	
1.00000		0.000912	-0.022944	-0.014204
6.10E-06		0.028537	-1.958174	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.087661	0.101121	-0.096812
-1.78E-05		-0.231654	2.963557	
0.25000		-0.087661	0.101121	-0.096812
-1.78E-05		-0.111311	2.837858	
0.50000		-0.087661	0.101121	-0.096812
-1.78E-05		0.009031	2.712158	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 795
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.087661	0.101121	-0.096812
-1.78E-05		-0.286374	2.586459	
1.00000		-0.087661	0.101121	-0.096812
-1.78E-05		0.249717	2.460760	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.027166	-0.160944	0.124616
1.02E-05		0.307023	-1.162918	
0.25000		-0.027166	-0.160944	0.124616
1.02E-05		0.152118	-0.962855	
0.50000		-0.027166	-0.160944	0.124616
1.02E-05		-0.002788	-0.762792	
0.75000		-0.027166	-0.160944	0.124616
1.02E-05		-0.157694	-0.562729	
1.00000		-0.027166	-0.160944	0.124616
1.02E-05		-0.312599	-0.362666	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.020593	0.096058	-0.024522
3.25E-06		-0.062033	-0.123489	
0.25000		0.020593	0.096058	-0.024522
3.25E-06		-0.031551	-0.242895	
0.50000		0.020593	0.096058	-0.024522
3.25E-06		-0.001068	-0.362301	
0.75000		0.020593	0.096058	-0.024522
3.25E-06		0.029414	-0.481707	
1.00000		0.020593	0.096058	-0.024522
3.25E-06		0.059897	-0.601112	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001957	-0.017255	0.004292
-5.64E-07		0.010860	0.022199	
0.25000		0.001957	-0.017255	0.004292
-5.64E-07		0.005525	0.043648	
0.50000		0.001957	-0.017255	0.004292
-5.64E-07		0.000190	0.065097	
0.75000		0.001957	-0.017255	0.004292
-5.64E-07		-0.005145	0.086545	
1.00000		0.001957	-0.017255	0.004292
-5.64E-07		-0.010480	0.107994	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.024296	0.201143	-0.114704
-1.57E-05		-0.275797	3.212978	
0.25000		0.024296	0.201143	-0.114704
-1.57E-05		-0.133212	2.962945	
0.50000		0.024296	0.201143	-0.114704
-1.57E-05		0.009372	2.712912	
0.75000		0.024296	0.201143	-0.114704
-1.57E-05		0.151957	2.462879	
1.00000		0.024296	0.201143	-0.114704
-1.57E-05		0.294542	2.212846	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.024296	-0.201143	0.114704
1.57E-05		0.275797	-3.212978	
0.25000		-0.024296	-0.201143	0.114704
1.57E-05		0.133212	-2.962945	
0.50000		-0.024296	-0.201143	0.114704
1.57E-05		-0.009372	-2.712912	
0.75000		-0.024296	-0.201143	0.114704
1.57E-05		-0.151957	-2.462879	
1.00000		-0.024296	-0.201143	0.114704
1.57E-05		-0.294542	-2.212846	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.091365	0.201143	0.124616
1.57E-05		0.307023	3.212978	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 796
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.091365	0.201143	0.124616
1.57E-05		0.152118	2.962945	
0.50000		0.091365	0.201143	0.124616
1.57E-05		0.009372	2.712912	
0.75000		0.091365	0.201143	0.124616
1.57E-05		0.151957	2.586459	
1.00000		0.091365	0.201143	0.124616
1.57E-05		0.294542	2.460760	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.087661	-0.201143	-0.114704
-1.78E-05		-0.275797	-3.212978	
0.25000		-0.087661	-0.201143	-0.114704
-1.78E-05		-0.133212	-2.962945	
0.50000		-0.087661	-0.201143	-0.114704
-1.78E-05		-0.009372	-2.712912	
0.75000		-0.087661	-0.201143	-0.114704
-1.78E-05		-0.157694	-2.462879	
1.00000		-0.087661	-0.201143	-0.114704
-1.78E-05		-0.312599	-2.212846	

ELEM 416 ========== LENGTH = 4.973063

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.090252	0.016134	0.003558
-5.71E-07		0.010101	0.351691	
0.25000		0.090252	0.016134	0.003558
-5.71E-07		0.005678	0.331633	
0.50000		0.090252	0.016134	0.003558
-5.71E-07		0.001254	0.311575	
0.75000		0.090252	0.016134	0.003558
-5.71E-07		-0.003169	0.291516	
1.00000		0.090252	0.016134	0.003558
-5.71E-07		-0.007593	0.271458	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001809	-0.090788	0.000756
2.94E-06		-0.003941	-1.958335	
0.25000		0.001809	-0.090788	0.000756
2.94E-06		-0.004881	-1.843461	
0.50000		0.001809	-0.090788	0.000756
2.94E-06		-0.005821	-1.730587	
0.75000		0.001809	-0.090788	0.000756
2.94E-06		-0.006761	-1.617714	
1.00000		0.001809	-0.090788	0.000756
2.94E-06		-0.007702	-1.504840	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.080249	0.198979	-0.115685
-1.45E-05		-0.281076	2.492881	
0.25000		-0.080249	0.198979	-0.115685
-1.45E-05		-0.137249	2.245498	
0.50000		-0.080249	0.198979	-0.115685
-1.45E-05		0.006578	1.998115	
0.75000		-0.080249	0.198979	-0.115685
-1.45E-05		0.150406	1.750731	
1.00000		-0.080249	0.198979	-0.115685
-1.45E-05		0.294233	1.503348	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.037131	-0.201219	0.128059
1.05E-05		0.318588	-0.400699	
0.25000		-0.037131	-0.201219	0.128059
1.05E-05		0.159377	-0.150530	
0.50000		-0.037131	-0.201219	0.128059
1.05E-05		0.000166	0.099638	
0.75000		-0.037131	-0.201219	0.128059
1.05E-05		-0.159045	0.349807	
1.00000		-0.037131	-0.201219	0.128059
1.05E-05		-0.318256	0.599976	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 797
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.021745	0.093732	-0.020223
1.95E-06		-0.052935	-0.594349	
0.25000		0.021745	0.093732	-0.020223
1.95E-06		-0.027792	-0.710882	
0.50000		0.021745	0.093732	-0.020223
1.95E-06		-0.002649	-0.827416	
0.75000		0.021745	0.093732	-0.020223
1.95E-06		0.022494	-0.943949	
1.00000		0.021745	0.093732	-0.020223
1.95E-06		0.047637	-1.060483	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003575	-0.016837	0.003535
-3.36E-07		0.009263	0.106810	
0.25000		0.003575	-0.016837	0.003535
-3.36E-07		0.004868	0.127743	
0.50000		0.003575	-0.016837	0.003535
-3.36E-07		0.000472	0.148675	
0.75000		0.003575	-0.016837	0.003535
-3.36E-07		-0.003923	0.169608	
1.00000		0.003575	-0.016837	0.003535
-3.36E-07		-0.008319	0.190541	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.031748	0.308844	-0.132351
-1.31E-05		-0.323911	2.250224	
0.25000		0.031748	0.308844	-0.132351
-1.31E-05		-0.159364	1.866249	
0.50000		0.031748	0.308844	-0.132351
-1.31E-05		0.005183	1.482274	
0.75000		0.031748	0.308844	-0.132351
-1.31E-05		0.169730	1.098299	
1.00000		0.031748	0.308844	-0.132351
-1.31E-05		0.334277	0.714323	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.031748	-0.308844	0.132351
1.31E-05		0.323911	-2.250224	
0.25000		-0.031748	-0.308844	0.132351
1.31E-05		0.159364	-1.866249	
0.50000		-0.031748	-0.308844	0.132351
1.31E-05		-0.005183	-1.482274	
0.75000		-0.031748	-0.308844	0.132351
1.31E-05		-0.169730	-1.098299	
1.00000		-0.031748	-0.308844	0.132351
1.31E-05		-0.334277	-0.714323	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.090252	0.308844	0.132351
1.31E-05		0.323911	2.492881	
0.25000		0.090252	0.308844	0.132351
1.31E-05		0.159377	2.245498	
0.50000		0.090252	0.308844	0.132351
1.31E-05		0.006578	1.998115	
0.75000		0.090252	0.308844	0.132351
1.31E-05		0.169730	1.750731	
1.00000		0.090252	0.308844	0.132351
1.31E-05		0.334277	1.503348	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.080249	-0.308844	-0.132351
-1.45E-05		-0.323911	-2.250224	
0.25000		-0.080249	-0.308844	-0.132351
-1.45E-05		-0.159364	-1.866249	
0.50000		-0.080249	-0.308844	-0.132351
-1.45E-05		-0.005821	-1.730587	
0.75000		-0.080249	-0.308844	-0.132351
-1.45E-05		-0.169730	-1.617714	
1.00000		-0.080249	-0.308844	-0.132351
-1.45E-05		-0.334277	-1.504840	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 798
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 417 ========== LENGTH = 4.973000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.088048	0.016087	0.000989
-9.90E-09		0.003438	0.270796	
0.25000		0.088048	0.016087	0.000989
-9.90E-09		0.002209	0.250796	
0.50000		0.088048	0.016087	0.000989
-9.90E-09		0.000980	0.230797	
0.75000		0.088048	0.016087	0.000989
-9.90E-09		-0.000249	0.210797	
1.00000		0.088048	0.016087	0.000989
-9.90E-09		-0.001479	0.190797	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002085	-0.090692	0.012661
2.99E-08		0.027216	-1.500615	
0.25000		0.002085	-0.090692	0.012661
2.99E-08		0.011475	-1.394262	
0.50000		0.002085	-0.090692	0.012661
2.99E-08		-0.004266	-1.281510	
0.75000		0.002085	-0.090692	0.012661
2.99E-08		-0.020006	-1.168758	
1.00000		0.002085	-0.090692	0.012661
2.99E-08		-0.035747	-1.056005	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.071773	0.196865	-0.127568
-1.19E-05		-0.313884	1.540036	
0.25000		-0.071773	0.196865	-0.127568
-1.19E-05		-0.155286	1.295283	
0.50000		-0.071773	0.196865	-0.127568
-1.19E-05		0.003313	1.050530	
0.75000		-0.071773	0.196865	-0.127568
-1.19E-05		0.161911	0.805777	
1.00000		-0.071773	0.196865	-0.127568
-1.19E-05		0.320510	0.561024	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.046003	-0.196589	0.124037
1.20E-05		0.311810	0.562079	
0.25000		-0.046003	-0.196589	0.124037
1.20E-05		0.157600	0.806489	
0.50000		-0.046003	-0.196589	0.124037
1.20E-05		0.003391	1.050899	
0.75000		-0.046003	-0.196589	0.124037
1.20E-05		-0.150818	1.295309	
1.00000		-0.046003	-0.196589	0.124037
1.20E-05		-0.305028	1.539719	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.021619	0.090600	-0.012250
-2.20E-07		-0.034619	-1.055580	
0.25000		0.021619	0.090600	-0.012250
-2.20E-07		-0.010389	-1.168219	
0.50000		0.021619	0.090600	-0.012250
-2.20E-07		-0.004160	-1.280858	
0.75000		0.021619	0.090600	-0.012250
-2.20E-07		0.011070	-1.393497	
1.00000		0.021619	0.090600	-0.012250
-2.20E-07		0.026300	-1.506136	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.006024	-0.016271	0.002130
4.57E-08		0.006039	0.189684	
0.25000		0.006024	-0.016271	0.002130
4.57E-08		0.003390	0.209913	
0.50000		0.006024	-0.016271	0.002130
4.57E-08		0.000742	0.230142	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 799
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.006024	-0.016271	0.002130
4.57E-08		-0.001907	0.250371	
1.00000		0.006024	-0.016271	0.002130
4.57E-08		-0.004556	0.270601	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.037894	0.303552	-0.138829
-1.21E-05		-0.345065	0.755251	
0.25000		0.037894	0.303552	-0.138829
-1.21E-05		-0.172466	0.377860	
0.50000		0.037894	0.303552	-0.138829
-1.21E-05		0.000133	0.000469	
0.75000		0.037894	0.303552	-0.138829
-1.21E-05		0.172732	-0.376923	
1.00000		0.037894	0.303552	-0.138829
-1.21E-05		0.345331	-0.754314	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.037894	-0.303552	0.138829
1.21E-05		0.345065	-0.755251	
0.25000		-0.037894	-0.303552	0.138829
1.21E-05		0.172466	-0.377860	
0.50000		-0.037894	-0.303552	0.138829
1.21E-05		-0.000133	-0.000469	
0.75000		-0.037894	-0.303552	0.138829
1.21E-05		-0.172732	0.376923	
1.00000		-0.037894	-0.303552	0.138829
1.21E-05		-0.345331	0.754314	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.088048	0.303552	0.138829
1.21E-05		0.345065	1.540036	
0.25000		0.088048	0.303552	0.138829
1.21E-05		0.172466	1.295283	
0.50000		0.088048	0.303552	0.138829
1.21E-05		0.003391	1.050899	
0.75000		0.088048	0.303552	0.138829
1.21E-05		0.172732	1.295309	
1.00000		0.088048	0.303552	0.138829
1.21E-05		0.345331	1.539719	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.071773	-0.303552	-0.138829
-1.21E-05		-0.345065	-1.507015	
0.25000		-0.071773	-0.303552	-0.138829
-1.21E-05		-0.172466	-1.394262	
0.50000		-0.071773	-0.303552	-0.138829
-1.21E-05		-0.004266	-1.281510	
0.75000		-0.071773	-0.303552	-0.138829
-1.21E-05		-0.172732	-1.393497	
1.00000		-0.071773	-0.303552	-0.138829
-1.21E-05		-0.345331	-1.506136	

ELEM 418 ========== LENGTH = 4.973063

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.084618	0.016631	-0.000958
4.13E-07		-0.001665	0.190808	
0.25000		0.084618	0.016631	-0.000958
4.13E-07		-0.000474	0.170131	
0.50000		0.084618	0.016631	-0.000958
4.13E-07		0.000717	0.149454	
0.75000		0.084618	0.016631	-0.000958
4.13E-07		0.001908	0.128777	
1.00000		0.084618	0.016631	-0.000958
4.13E-07		0.003099	0.108099	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 800
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001500	-0.093829	0.020902
-2.13E-06		0.049213	-1.061070	
0.25000		0.001500	-0.093829	0.020902
-2.13E-06		0.023227	-0.944415	
0.50000		0.001500	-0.093829	0.020902
-2.13E-06		-0.002760	-0.827761	
0.75000		0.001500	-0.093829	0.020902
-2.13E-06		-0.028747	-0.711106	
1.00000		0.001500	-0.093829	0.020902
-2.13E-06		-0.054733	-0.594452	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.061852	0.201492	-0.131572
-1.03E-05		-0.327069	0.599977	
0.25000		-0.061852	0.201492	-0.131572
-1.03E-05		-0.163491	0.349468	
0.50000		-0.061852	0.201492	-0.131572
-1.03E-05		8.72E-05	0.098960	
0.75000		-0.061852	0.201492	-0.131572
-1.03E-05		0.163666	-0.151549	
1.00000		-0.061852	0.201492	-0.131572
-1.03E-05		0.327244	-0.402058	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.053857	-0.198702	0.112137
1.46E-05		0.265489	1.504089	
0.25000		-0.053857	-0.198702	0.112137
1.46E-05		0.146073	1.751128	
0.50000		-0.053857	-0.198702	0.112137
1.46E-05		0.006656	1.998168	
0.75000		-0.053857	-0.198702	0.112137
1.46E-05		-0.132760	2.245208	
1.00000		-0.053857	-0.198702	0.112137
1.46E-05		-0.272176	2.492247	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.020049	0.090698	-0.000584
-3.15E-06		-0.007172	-1.504048	
0.25000		0.020049	0.090698	-0.000584
-3.15E-06		-0.006446	-1.616810	
0.50000		0.020049	0.090698	-0.000584
-3.15E-06		-0.005720	-1.729573	
0.75000		0.020049	0.090698	-0.000584
-3.15E-06		-0.004993	-1.842335	
1.00000		0.020049	0.090698	-0.000584
-3.15E-06		-0.004267	-1.955097	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009541	-0.016291	7.48E-05
5.65E-07	0.001205	0.270244	
0.25000	0.009541	-0.016291	7.48E-05
5.65E-07	0.001112	0.290498	
0.50000	0.009541	-0.016291	7.48E-05
5.65E-07	0.001019	0.310752	
0.75000	0.009541	-0.016291	7.48E-05
5.65E-07	0.000926	0.331006	
1.00000	0.009541	-0.016291	7.48E-05
5.65E-07	0.000833	0.351260	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.042815	0.308822	-0.133114
-1.31E-05	-0.335907	-0.713263	
0.25000	0.042815	0.308822	-0.133114
-1.31E-05	-0.170411	-1.097211	
0.50000	0.042815	0.308822	-0.133114
-1.31E-05	-0.004915	-1.481159	
0.75000	0.042815	0.308822	-0.133114
-1.31E-05	0.160580	-1.865107	
1.00000	0.042815	0.308822	-0.133114
-1.31E-05	0.326076	-2.249055	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
801

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042815	-0.308822	0.133114
1.31E-05	0.335907	0.713263	
0.25000	-0.042815	-0.308822	0.133114
1.31E-05	0.170411	1.097211	
0.50000	-0.042815	-0.308822	0.133114
1.31E-05	0.004915	1.481159	
0.75000	-0.042815	-0.308822	0.133114
1.31E-05	-0.160580	1.865107	
1.00000	-0.042815	-0.308822	0.133114
1.31E-05	-0.326076	2.249055	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.084618	0.308822	0.133114
1.46E-05	0.335907	1.504089	
0.25000	0.084618	0.308822	0.133114
1.46E-05	0.170411	1.751128	
0.50000	0.084618	0.308822	0.133114
1.46E-05	0.006656	1.998168	
0.75000	0.084618	0.308822	0.133114
1.46E-05	0.163666	2.245208	
1.00000	0.084618	0.308822	0.133114
1.46E-05	0.327244	2.492247	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061852	-0.308822	-0.133114
-1.31E-05	-0.335907	-1.504048	
0.25000	-0.061852	-0.308822	-0.133114
-1.31E-05	-0.170411	-1.616810	
0.50000	-0.061852	-0.308822	-0.133114
-1.31E-05	-0.005720	-1.729573	
0.75000	-0.061852	-0.308822	-0.133114
-1.31E-05	-0.160580	-1.865107	
1.00000	-0.061852	-0.308822	-0.133114
-1.31E-05	-0.326076	-2.249055	

ELEM 419 ========== LENGTH = 4.972251

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079680	0.017040	-0.002274
7.41E-07	-0.005224	0.108603	
0.25000	0.079680	0.017040	-0.002274
7.41E-07	-0.002397	0.087422	
0.50000	0.079680	0.017040	-0.002274
7.41E-07	0.000430	0.066241	
0.75000	0.079680	0.017040	-0.002274
7.41E-07	0.003256	0.045059	
1.00000	0.079680	0.017040	-0.002274
7.41E-07	0.006083	0.023878	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000182	-0.096171	0.025489
-3.43E-06	0.062191	-0.601461	
0.25000	0.000182	-0.096171	0.025489
-3.43E-06	0.030507	-0.481915	
0.50000	0.000182	-0.096171	0.025489
-3.43E-06	-0.001178	-0.362368	
0.75000	0.000182	-0.096171	0.025489
-3.43E-06	-0.032863	-0.242821	
1.00000	0.000182	-0.096171	0.025489
-3.43E-06	-0.064547	-0.123274	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050374	0.161186	-0.128120
-9.99E-06	-0.321383	-0.362972	
0.25000	-0.050374	0.161186	-0.128120
-9.99E-06	-0.162122	-0.563336	
0.50000	-0.050374	0.161186	-0.128120
-9.99E-06	-0.002861	-0.763699	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
802

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.050374	0.161186	-0.128120
-9.99E-06	-0.964063		
1.00000	-0.050374	0.161186	-0.128120
-9.99E-06	0.315661	-1.164427	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061091	-0.100835	0.093255
1.79E-05	0.240947	2.461187	
0.25000	-0.061091	-0.100835	0.093255
1.79E-05	0.125025	2.586532	
0.50000	-0.061091	-0.100835	0.093255
1.79E-05	0.009102	2.711876	
0.75000	-0.061091	-0.100835	0.093255
1.79E-05	-0.106820	2.837220	
1.00000	-0.061091	-0.100835	0.093255
1.79E-05	-0.222742	2.962565	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017186	0.022892	0.014171
-6.33E-06	0.028547	-1.956957	
0.25000	0.017186	0.022892	0.014171
-6.33E-06	0.010932	-1.985414	
0.50000	0.017186	0.022892	0.014171
-6.33E-06	-0.006682	-2.013870	
0.75000	0.017186	0.022892	0.014171
-6.33E-06	-0.024297	-2.042326	
1.00000	0.017186	0.022892	0.014171
-6.33E-06	-0.041912	-2.070783	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014417	-0.004111	-0.002521
1.13E-06	-0.005079	0.351600	
0.25000	0.014417	-0.004111	-0.002521
1.13E-06	-0.001945	0.356710	
0.50000	0.014417	-0.004111	-0.002521
1.13E-06	0.001189	0.361821	
0.75000	0.014417	-0.004111	-0.002521
1.13E-06	0.004324	0.366931	
1.00000	0.014417	-0.004111	-0.002521
1.13E-06	0.007458	0.372041	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046492	0.201117	-0.116223
-1.56E-05	-0.298059	-2.211326	
0.25000	0.046492	0.201117	-0.116223
-1.56E-05	-0.153586	-2.461327	
0.50000	0.046492	0.201117	-0.116223
-1.56E-05	-0.009114	-2.711329	
0.75000	0.046492	0.201117	-0.116223
-1.56E-05	0.135359	-2.961330	
1.00000	0.046492	0.201117	-0.116223
-1.56E-05	0.279832	-3.211331	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.046492	-0.201117	0.116223
1.56E-05	0.298059	2.211326	
0.25000	-0.046492	-0.201117	0.116223
1.56E-05	0.153586	2.461327	
0.50000	-0.046492	-0.201117	0.116223
1.56E-05	0.009114	2.711329	
0.75000	-0.046492	-0.201117	0.116223
1.56E-05	-0.135359	2.961330	
1.00000	-0.046492	-0.201117	0.116223
1.56E-05	-0.279832	3.211331	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.079680	0.201117	0.116223
1.79E-05	0.298059	2.461187	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
803

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.079680	0.201117	0.116223
1.79E-05	0.153586	2.586532	
0.50000	0.079680	0.201117	0.116223
1.79E-05	0.009114	2.711876	
0.75000	0.079680	0.201117	0.116223
1.79E-05	0.156400	2.961330	
1.00000	0.079660	0.201117	0.116223
1.79E-05	0.315661	3.211331	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061092	-0.201117	-0.128120
-1.56E-05	-0.321383	-2.211326	
0.25000	-0.061091	-0.201117	-0.128120
-1.56E-05	-0.162122	-2.461327	
0.50000	-0.061091	-0.201117	-0.128120
-1.56E-05	-0.009114	-2.711329	
0.75000	-0.061091	-0.201117	-0.128120
-1.56E-05	-0.135359	-2.961330	
1.00000	-0.061091	-0.201117	-0.128120
-1.56E-05	-0.279832	-3.211331	

ELEM 420 ========== LENGTH = 4.972566

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073150	0.013858	-0.002974
1.06E-06	-0.007217	0.024678	
0.25000	0.073150	0.013858	-0.002974
1.06E-06	-0.003519	0.007450	
0.50000	0.073150	0.013858	-0.002974
1.06E-06	0.000178	-0.009777	
0.75000	0.073150	0.013858	-0.002974
1.06E-06	0.003876	-0.027005	
1.00000	0.073150	0.013858	-0.002974
1.06E-06	0.007573	-0.044232	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001630	-0.078536	0.026606
-3.80E-06	0.066322	-0.131152	
0.25000	-0.001630	-0.078536	0.026606
-3.80E-06	0.033247	-0.033521	
0.50000	-0.001630	-0.078536	0.026606
-3.80E-06	0.000173	0.064110	
0.75000	-0.001630	-0.078536	0.026606
-3.80E-06	0.032902	0.161741	
1.00000	-0.001630	-0.078536	0.026606
-3.80E-06	-0.065976	0.259372	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036906	0.163916	-0.118124
-9.83E-06	-0.298920	-1.127440	
0.25000	-0.036906	0.163916	-0.118124
-9.83E-06	-0.152075	-1.331210	
0.50000	-0.036906	0.163916	-0.118124
-9.83E-06	-0.005231	-1.534980	
0.75000	-0.036906	0.163916	-0.118124
-9.83E-06	0.141614	-1.738750	
1.00000	-0.036906	0.163916	-0.118124
-9.83E-06	0.288458	-1.942520	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069501	-0.154626	0.068704
1.94E-05	0.181967	2.938212	
0.25000	-0.069501	-0.154626	0.068704
1.94E-05	0.096558	3.130434	
0.50000	-0.069501	-0.154626	0.068704
1.94E-05	0.011149	3.322656	
0.75000	-0.069501	-0.154626	0.068704
1.94E-05	-0.074260	3.514878	
1.00000	-0.069501	-0.154626	0.068704
1.94E-05	-0.159670	3.707100	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
804

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013903	0.067576	0.031320
-8.33E-06	0.070245	-2.077536	
0.25000	0.013903	0.067576	0.031320
-8.33E-06	0.031310	-2.161542	
0.50000	0.013903	0.067576	0.031320
-8.33E-06	-0.007624	-2.245548	
0.75000	0.013903	0.067576	0.031320
-8.33E-06	-0.046559	-2.329554	
1.00000	0.013903	0.067576	0.031320
-8.33E-06	-0.085494	-2.413560	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020984	-0.012187	-0.005532
1.47E-06	-0.012398	0.373237	
0.25000	0.020984	-0.012187	-0.005532
1.47E-06	-0.005521	0.388388	
0.50000	0.020984	-0.012187	-0.005532
1.47E-06	0.001356	0.403538	
0.75000	0.020984	-0.012187	-0.005532
1.47E-06	0.008232	0.418689	
1.00000	0.020984	-0.012187	-0.005532
1.47E-06	0.015109	0.433839	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.050147	0.245349	-0.089778
-1.71E-05	-0.235891	-3.180297	
0.25000	0.050147	0.245349	-0.089778
-1.71E-05	-0.124284	-3.485301	
0.50000	0.050147	0.245349	-0.089778
-1.71E-05	-0.012677	-3.790305	
0.75000	0.050147	0.245349	-0.089778
-1.71E-05	0.098930	-4.095308	
1.00000	0.050147	0.245349	-0.089778
-1.71E-05	0.210537	-4.400312	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050147	-0.245349	0.089778
1.71E-05	0.235891	3.180297	
0.25000	-0.050147	-0.245349	0.089778
1.71E-05	0.124284	3.485301	
0.50000	-0.050147	-0.245349	0.089778
1.71E-05	0.012677	3.790305	
0.75000	-0.050147	-0.245349	0.089778
1.71E-05	-0.098930	4.095308	
1.00000	-0.050147	-0.245349	0.089778
1.71E-05	-0.210537	4.400312	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073150	0.245349	0.089778
1.94E-05	0.235891	3.180297	
0.25000	0.073150	0.245349	0.089778
1.94E-05	0.124284	3.485301	
0.50000	0.073150	0.245349	0.089778
1.94E-05	0.012677	3.790305	
0.75000	0.073150	0.245349	0.089778
1.94E-05	0.141614	4.095308	
1.00000	0.073150	0.245349	0.089778
1.94E-05	0.288458	4.400312	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069501	-0.245349	-0.118124
-1.71E-05	-0.298920	-3.180297	
0.25000	-0.069501	-0.245349	-0.118124
-1.71E-05	-0.152075	-3.485301	
0.50000	-0.069501	-0.245349	-0.118124
-1.71E-05	-0.012677	-3.790305	
0.75000	-0.069501	-0.245349	-0.118124
-1.71E-05	-0.098930	-4.095308	
1.00000	-0.069501	-0.245349	-0.118124
-1.71E-05	-0.210537	-4.400312	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
805

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 421 ========== LENGTH = 4.972986

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064903	0.010603	-0.003042
1.81E-06	-0.007690	-0.043315	
0.25000	0.064903	0.010603	-0.003042
1.81E-06	-0.003908	-0.056496	
0.50000	0.064903	0.010603	-0.003042
1.81E-06	-0.000126	-0.069678	
0.75000	0.064903	0.010603	-0.003042
1.81E-06	0.003656	-0.082860	
1.00000	0.064903	0.010603	-0.003042
1.81E-06	0.007438	-0.096041	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003966	-0.061537	0.023914
-3.82E-06	0.081514	0.251700	
0.25000	-0.003966	-0.061537	0.023914
-3.82E-06	0.031783	0.328205	
0.50000	-0.003966	-0.061537	0.023914
-3.82E-06	0.002052	0.404710	
0.75000	-0.003966	-0.061537	0.023914
-3.82E-06	-0.027679	0.481215	
1.00000	-0.003966	-0.061537	0.023914
-3.82E-06	-0.057409	0.557720	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.019770	0.088981	-0.099149
-7.24E-06	-0.256803	-1.909701	
0.25000	-0.019770	0.088981	-0.099149
-7.24E-06	-0.133537	-2.020327	
0.50000	-0.019770	0.088981	-0.099149
-7.24E-06	-0.010270	-2.130952	
0.75000	-0.019770	0.088981	-0.099149
-7.24E-06	0.112996	-2.241578	
1.00000	-0.019770	0.088981	-0.099149
-7.24E-06	0.236262	-2.352204	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081640	-0.030415	0.038389
1.44E-05	0.109145	3.690919	
0.25000	-0.081640	-0.030415	0.038389
1.44E-05	0.061418	3.728732	
0.50000	-0.081640	-0.030415	0.038389
1.44E-05	0.013691	3.766545	
0.75000	-0.081640	-0.030415	0.038389
1.44E-05	-0.034036	3.804358	
1.00000	-0.081640	-0.030415	0.038389
1.44E-05	-0.081762	3.842171	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.010640	-0.009214	0.048412
-6.03E-06	0.113870	-2.425559	
0.25000	0.010640	-0.009214	0.048412
-6.03E-06	0.053682	-2.414103	
0.50000	0.010640	-0.009214	0.048412
-6.03E-06	-0.006507	-2.402648	
0.75000	0.010640	-0.009214	0.048412
-6.03E-06	-0.066695	-2.391192	
1.00000	0.010640	-0.009214	0.048412
-6.03E-06	-0.126883	-2.379736	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029832	0.001582	-0.008524
8.87E-07	-0.020036	0.435956	
0.25000	0.029832	0.001582	-0.008524
8.87E-07	-0.009438	0.433989	
0.50000	0.029832	0.001582	-0.008524
8.87E-07	0.001160	0.432023	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
806

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.029832	0.001582	-0.008524
8.87E-07	0.011758	0.430056	
1.00000	0.029832	0.001582	-0.008524
8.87E-07	0.022355	0.428089	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055774	0.090370	-0.053778
-1.15E-05	-0.150623	-4.378575	
0.25000	0.055774	0.090370	-0.053778
-1.15E-05	-0.083763	-4.490926	
0.50000	0.055774	0.090370	-0.053778
-1.15E-05	-0.016903	-4.603278	
0.75000	0.055774	0.090370	-0.053778
-1.15E-05	0.049957	-4.715630	
1.00000	0.055774	0.090370	-0.053778
-1.15E-05	0.116817	-4.827981	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.055774	-0.090370	0.053778
1.15E-05	0.150623	4.378575	
0.25000	-0.055774	-0.090370	0.053778
1.15E-05	0.083763	4.490926	
0.50000	-0.055774	-0.090370	0.053778
1.15E-05	0.016903	4.603278	
0.75000	-0.055774	-0.090370	0.053778
1.15E-05	-0.049957	4.715630	
1.00000	-0.055774	-0.090370	0.053778
1.15E-05	-0.116817	4.827981	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064903	0.090370	0.053778
1.44E-05	0.150623	4.378575	
0.25000	0.064903	0.090370	0.053778
1.44E-05	0.083763	4.490926	
0.50000	0.064903	0.090370	0.053778
1.44E-05	0.016903	4.603278	
0.75000	0.064903	0.090370	0.053778
1.44E-05	0.112996	4.715630	
1.00000	0.064903	0.090370	0.053778
1.44E-05	0.236262	4.827981	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081640	-0.090370	-0.099149
-1.15E-05	-0.256803	-4.378575	
0.25000	-0.081640	-0.090370	-0.099149
-1.15E-05	-0.133537	-4.490926	
0.50000	-0.081640	-0.090370	-0.099149
-1.15E-05	-0.016903	-4.603278	
0.75000	-0.081640	-0.090370	-0.099149
-1.15E-05	-0.066695	-4.715630	
1.00000	-0.081640	-0.090370	-0.099149
-1.15E-05	-0.126883	-4.827981	

ELEM 422 ========== LENGTH = 3.481014

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.054355	0.007170	-0.005521
3.43E-06	-0.009864	-0.095001	
0.25000	0.054355	0.007170	-0.005521
3.43E-06	-0.005059	-0.101240	
0.50000	0.054355	0.007170	-0.005521
3.43E-06	-0.000255	-0.107480	
0.75000	0.054355	0.007170	-0.005521
3.43E-06	0.004550	-0.113719	
1.00000	0.054355	0.007170	-0.005521
3.43E-06	0.009355	-0.119958	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
807

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005719	-0.033805	0.039166
-4.28E-06	0.070870	0.550000	
0.25000	-0.005719	-0.033805	0.039166
-4.28E-06	0.036786	0.579419	
0.50000	-0.005719	-0.033805	0.039166
-4.28E-06	0.002702	0.608838	
0.75000	-0.005719	-0.033805	0.039166
-4.28E-06	-0.031382	0.638257	
1.00000	-0.005719	-0.033805	0.039166
-4.28E-06	-0.065466	0.667676	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003916	0.029563	-0.157534
-3.62E-06	-0.285081	-2.320824	
0.25000	-0.003916	0.029563	-0.157534
-3.62E-06	-0.147986	-2.346551	
0.50000	-0.003916	0.029563	-0.157534
-3.62E-06	-0.010892	-2.372278	
0.75000	-0.003916	0.029563	-0.157534
-3.62E-06	0.126202	-2.398005	
1.00000	-0.003916	0.029563	-0.157534
-3.62E-06	0.263296	-2.423732	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092474	0.037786	0.023068
5.81E-06	0.052032	3.834105	
0.25000	-0.092474	0.037786	0.023068
5.81E-06	0.031957	3.801221	
0.50000	-0.092474	0.037786	0.023068
5.81E-06	0.011882	3.768338	
0.75000	-0.092474	0.037786	0.023068
5.81E-06	-0.008192	3.735455	
1.00000	-0.092474	0.037786	0.023068
5.81E-06	-0.028267	3.702572	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005926	-0.048690	0.122299
-6.97E-07	0.208685	-2.399919	
0.25000	0.005926	-0.048690	0.122299
-6.97E-07	0.102254	-2.357546	
0.50000	0.005926	-0.048690	0.122299
-6.97E-07	-0.004177	-2.315174	
0.75000	0.005926	-0.048690	0.122299
-6.97E-07	-0.110608	-2.272801	
1.00000	0.005926	-0.048690	0.122299
-6.97E-07	-0.217039	-2.230429	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041829	0.007977	-0.021477
-6.40E-07	-0.036642	0.431639	
0.25000	0.041829	0.007977	-0.021477
-6.40E-07	-0.017951	0.424697	
0.50000	0.041829	0.007977	-0.021477
-6.40E-07	0.000740	0.417755	
0.75000	0.041829	0.007977	-0.021477
-6.40E-07	0.019430	0.410813	
1.00000	0.041829	0.007977	-0.021477
-6.40E-07	0.038121	0.403871	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056364	-0.011958	-0.040756
-8.87E-07	-0.086260	-4.815744	
0.25000	0.056364	-0.011958	-0.040756
-8.87E-07	-0.050792	-4.805337	
0.50000	0.056364	-0.011958	-0.040756
-8.87E-07	-0.015324	-4.794931	
0.75000	0.056364	-0.011958	-0.040756
-8.87E-07	0.020144	-4.784525	
1.00000	0.056364	-0.011958	-0.040756
-8.87E-07	0.055612	-4.774119	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056364	0.011958	0.040756
8.87E-07	0.086260	4.815744	
0.25000	-0.056364	0.011958	0.040756
8.87E-07	0.050792	4.805337	
0.50000	-0.056364	0.011958	0.040756
8.87E-07	0.015324	4.794931	
0.75000	-0.056364	0.011958	0.040756
8.87E-07	-0.020144	4.784525	
1.00000	-0.056364	0.011958	0.040756
8.87E-07	-0.055612	4.774119	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056364	0.037786	0.122299
5.81E-06	0.208685	4.815744	
0.25000	0.056364	0.037786	0.122299
5.81E-06	0.102254	4.805337	
0.50000	0.056364	0.037786	0.122299
5.81E-06	0.015324	4.794931	
0.75000	0.056364	0.037786	0.122299
5.81E-06	0.126702	4.784525	
1.00000	0.056364	0.037786	0.122299
5.81E-06	0.263296	4.774119	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092474	-0.048690	-0.157534
-4.28E-06	-0.285081	-4.815744	
0.25000	-0.092474	-0.048690	-0.157534
-4.28E-06	-0.147986	-4.805337	
0.50000	-0.092474	-0.048690	-0.157534
-4.28E-06	-0.015324	-4.794931	
0.75000	-0.092474	-0.048690	-0.157534
-4.28E-06	-0.110608	-4.784525	
1.00000	-0.092474	-0.048690	-0.157534
-4.28E-06	-0.217039	-4.774119	

ELEM 423 ========== LENGTH = 3.481352

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041774	0.004153	-0.004707
3.25E-06	-0.008468	-0.118888	
0.25000	0.041774	0.004153	-0.004707
3.25E-06	-0.004371	-0.122503	
0.50000	0.041774	0.004153	-0.004707
3.25E-06	-0.000274	-0.126117	
0.75000	0.041774	0.004153	-0.004707
3.25E-06	0.003823	-0.129731	
1.00000	0.041774	0.004153	-0.004707
3.25E-06	0.007920	-0.133345	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006535	-0.015722	0.032470
-4.17E-06	0.057815	0.660261	
0.25000	-0.006535	-0.015722	0.032470
-4.17E-06	0.029555	0.673945	
0.50000	-0.006535	-0.015722	0.032470
-4.17E-06	0.001296	0.687628	
0.75000	-0.006535	-0.015722	0.032470
-4.17E-06	-0.026964	0.701312	
1.00000	-0.006535	-0.015722	0.032470
-4.17E-06	-0.055224	0.714996	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005746	0.053294	-0.130593
2.77E-06	-0.231851	-2.393950	
0.25000	0.005746	0.053294	-0.130593
2.77E-06	-0.118191	-2.440334	
0.50000	0.005746	0.053294	-0.130593
2.77E-06	-0.004531	-2.486718	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.005746	0.053294	-0.130593
2.77E-06	0.108129	-2.533102	
1.00000	0.005746	0.053294	-0.130593
2.77E-06	0.222789	-2.579487	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092069	-0.040775	-0.018609
-7.00E-06	-0.020594	3.702112	
0.25000	-0.092069	-0.040775	-0.018609
-7.00E-06	-0.004398	3.737600	
0.50000	-0.092069	-0.040775	-0.018609
-7.00E-06	0.011799	3.773087	
0.75000	-0.092069	-0.040775	-0.018609
-7.00E-06	0.027995	3.808575	
1.00000	-0.092069	-0.040775	-0.018609
-7.00E-06	0.044191	3.844062	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006230	-0.020292	0.147541
6.08E-06	0.246587	-2.258317	
0.25000	-0.006230	-0.020292	0.147541
6.08E-06	0.118176	-2.240656	
0.50000	-0.006230	-0.020292	0.147541
6.08E-06	-0.010234	-2.222996	
0.75000	-0.006230	-0.020292	0.147541
6.08E-06	-0.138644	-2.205335	
1.00000	-0.006230	-0.020292	0.147541
6.08E-06	-0.267055	-2.187675	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057315	0.019342	-0.026101
-9.33E-07	-0.043489	0.408783	
0.25000	0.057315	0.019342	-0.026101
-9.33E-07	-0.020772	0.391949	
0.50000	0.057315	0.019342	-0.026101
-9.33E-07	0.001945	0.375115	
0.75000	0.057315	0.019342	-0.026101
-9.33E-07	0.024662	0.358281	
1.00000	0.057315	0.019342	-0.026101
-9.33E-07	0.047378	0.341448	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041290	0.037155	0.012240
1.21E-05	0.006268	-4.771155	
0.25000	0.041290	0.037155	0.012240
1.21E-05	-0.004386	-4.803493	
0.50000	0.041290	0.037155	0.012240
1.21E-05	-0.015039	-4.835831	
0.75000	0.041290	0.037155	0.012240
1.21E-05	-0.025692	-4.868168	
1.00000	0.041290	0.037155	0.012240
1.21E-05	-0.036346	-4.900506	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041290	-0.037155	-0.012240
-1.21E-05	4.006268	4.771155	
0.25000	-0.041290	-0.037155	-0.012240
-1.21E-05	0.004386	4.803493	
0.50000	-0.041290	-0.037155	-0.012240
-1.21E-05	0.015039	4.835831	
0.75000	-0.041290	-0.037155	-0.012240
-1.21E-05	0.025692	4.868168	
1.00000	-0.041290	-0.037155	-0.012240
-1.21E-05	0.036346	4.900506	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057315	0.053294	0.147541
1.21E-05	0.246587	4.771155	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.057315	0.053294	0.147541
1.21E-05	0.118176	4.803493	
0.50000	0.057315	0.053294	0.147541
1.21E-05	0.015039	4.835831	
0.75000	0.057315	0.053294	0.147541
1.21E-05	0.109129	4.868168	
1.00000	0.057315	0.053294	0.147541
1.21E-05	0.222789	4.900506	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092069	-0.040775	-0.130593
-1.21E-05	-0.231851	-4.771155	
0.25000	-0.092069	-0.040775	-0.130593
-1.21E-05	-0.118191	-4.803493	
0.50000	-0.092069	-0.040775	-0.130593
-1.21E-05	-0.015039	-4.835831	
0.75000	-0.092069	-0.040775	-0.130593
-1.21E-05	0.138644	-4.868168	
1.00000	-0.092069	-0.040775	-0.130593
-1.21E-05	-0.267055	-4.900506	

ELEM 424 ========== LENGTH = 4.972543

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031735	-0.000135	-0.001712
1.49E-06	-0.004614	-0.132592	
0.25000	0.031735	-0.000135	-0.001712
1.49E-06	-0.002487	-0.132423	
0.50000	0.031735	-0.000135	-0.001712
1.49E-06	-0.000359	-0.132255	
0.75000	0.031735	-0.000135	-0.001712
1.49E-06	0.001769	-0.132087	
1.00000	0.031735	-0.000135	-0.001712
1.49E-06	0.003897	-0.131918	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006741	-0.002057	0.012672
-3.30E-06	0.033425	0.709646	
0.25000	-0.006741	-0.002057	0.012672
-3.30E-06	0.017673	0.712203	
0.50000	-0.006741	-0.002057	0.012672
-3.30E-06	0.001920	0.714760	
0.75000	-0.006741	-0.002057	0.012672
-3.30E-06	-0.013833	0.717317	
1.00000	-0.006741	-0.002057	0.012672
-3.30E-06	-0.029585	0.719874	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008088	0.011351	-0.051687
7.28E-06	-0.135513	-2.557763	
0.25000	0.008088	0.011351	-0.051687
7.28E-06	-0.071259	-2.571874	
0.50000	0.008088	0.011351	-0.051687
7.28E-06	-0.007004	-2.585985	
0.75000	0.008088	0.011351	-0.051687
7.28E-06	0.057250	-2.600096	
1.00000	0.008088	0.011351	-0.051687
7.28E-06	0.121505	-2.614207	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080232	0.025137	-0.036155
-1.53E-05	-0.076181	3.851001	
0.25000	-0.080232	0.025137	-0.036155
-1.53E-05	-0.031235	3.819752	
0.50000	-0.080232	0.025137	-0.036155
-1.53E-05	0.013710	3.788504	
0.75000	-0.080232	0.025137	-0.036155
-1.53E-05	0.058656	3.757255	
1.00000	-0.080232	0.025137	-0.036155
-1.53E-05	0.103601	3.726007	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023980	-0.072257	0.093243
9.22E-06	0.221992	-2.216937	
0.25000	-0.023980	-0.072257	0.093243
9.22E-06	0.106079	-2.127112	
0.50000	-0.023980	-0.072257	0.093243
9.22E-06	-0.009835	-2.037288	
0.75000	-0.023980	-0.072257	0.093243
9.22E-06	-0.125748	-1.947463	
1.00000	-0.023980	-0.072257	0.093243
9.22E-06	-0.241661	-1.857638	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071130	0.037961	-0.016360
6.33E-07	-0.039108	0.346645	
0.25000	0.071130	0.037961	-0.016360
6.33E-07	-0.018770	0.299454	
0.50000	0.071130	0.037961	-0.016360
6.33E-07	0.001568	0.252264	
0.75000	0.071130	0.037961	-0.016360
6.33E-07	0.021906	0.205073	
1.00000	0.071130	0.037961	-0.016360
6.33E-07	0.042243	0.157882	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015843	-0.061041	0.039844
1.80E-05	0.081864	-4.907292	
0.25000	0.015843	-0.061041	0.039844
1.80E-05	0.032333	-4.831410	
0.50000	0.015843	-0.061041	0.039844
1.80E-05	-0.017198	-4.755528	
0.75000	0.015843	-0.061041	0.039844
1.80E-05	-0.066729	-4.679646	
1.00000	0.015843	-0.061041	0.039844
1.80E-05	-0.116260	-4.603763	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.015843	0.061041	-0.039844
-1.80E-05	-0.081864	4.907292	
0.25000	-0.015843	0.061041	-0.039844
-1.80E-05	-0.032333	4.831410	
0.50000	-0.015843	0.061041	-0.039844
-1.80E-05	0.017198	4.755528	
0.75000	-0.015843	0.061041	-0.039844
-1.80E-05	0.066729	4.679646	
1.00000	-0.015843	0.061041	-0.039844
-1.80E-05	0.116260	4.603763	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071130	0.061041	0.093243
1.80E-05	0.221992	4.907292	
0.25000	0.071130	0.061041	0.093243
1.80E-05	0.106079	4.831410	
0.50000	0.071130	0.061041	0.093243
1.80E-05	0.017198	4.755528	
0.75000	0.071130	0.061041	0.093243
1.80E-05	0.066729	4.679646	
1.00000	0.071130	0.061041	0.093243
1.80E-05	0.121505	4.603763	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.080232	-0.072257	-0.051687
-1.80E-05	-0.135513	-4.907292	
0.25000	-0.080232	-0.072257	-0.051687
-1.80E-05	-0.071259	-4.831410	
0.50000	-0.080232	-0.072257	-0.051687
-1.80E-05	-0.017198	-4.755528	
0.75000	-0.080232	-0.072257	-0.051687
-1.80E-05	-0.125748	-4.679646	
1.00000	-0.080232	-0.072257	-0.051687
-1.80E-05	-0.241661	-4.603763	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 425 ========== LENGTH = 4.972406

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024318	-0.003825	-0.000889
4.96E-07	-0.002600	-0.131531	
0.25000	0.024318	-0.003825	-0.000889
4.96E-07	-0.001494	-0.126776	
0.50000	0.024318	-0.003825	-0.000889
4.96E-07	-0.000389	-0.122021	
0.75000	0.024318	-0.003825	-0.000889
4.96E-07	0.000717	-0.117266	
1.00000	0.024318	-0.003825	-0.000889
4.96E-07	0.001823	-0.112512	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006788	0.020109	0.007899
-2.48E-06	0.021845	0.718759	
0.25000	-0.006788	0.020109	0.007899
-2.48E-06	0.012026	0.691761	
0.50000	-0.006788	0.020109	0.007899
-2.48E-06	0.002206	0.666764	
0.75000	-0.006788	0.020109	0.007899
-2.48E-06	-0.007614	0.641767	
1.00000	-0.006788	0.020109	0.007899
-2.48E-06	-0.017433	0.616769	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009158	-0.071823	-0.033354
8.99E-06	-0.091163	-2.601223	
0.25000	0.009158	-0.071823	-0.033354
8.99E-06	-0.049701	-2.511940	
0.50000	0.009158	-0.071823	-0.033354
8.99E-06	-0.008238	-2.422657	
0.75000	0.009158	-0.071823	-0.033354
8.99E-06	0.033224	-2.333375	
1.00000	0.009158	-0.071823	-0.033354
8.99E-06	0.074686	-2.244092	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068046	0.151001	-0.066652
-2.01E-05	-0.154410	3.741217	
0.25000	-0.068046	0.151001	-0.066652
-2.01E-05	-0.071555	3.553508	
0.50000	-0.068046	0.151001	-0.066652
-2.01E-05	0.011300	3.365799	
0.75000	-0.068046	0.151001	-0.066652
-2.01E-05	0.094154	3.178090	
1.00000	-0.068046	0.151001	-0.066652
-2.01E-05	0.177009	2.990381	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.041099	-0.143688	0.111706
1.16E-05	0.272482	-1.888428	
0.25000	-0.041099	-0.143688	0.111706
1.16E-05	0.133620	-1.709809	
0.50000	-0.041099	-0.143688	0.111706
1.16E-05	-0.005242	-1.531190	
0.75000	-0.041099	-0.143688	0.111706
1.16E-05	-0.144103	-1.352571	
1.00000	-0.041099	-0.143688	0.111706
1.16E-05	-0.282965	-1.173952	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082457	0.048226	-0.018710
1.49E-06	-0.046155	0.163206	
0.25000	0.082457	0.048226	-0.018710
1.49E-06	-0.022896	0.103256	
0.50000	0.082457	0.048226	-0.018710
1.49E-06	0.000363	0.043306	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.082457	0.048226	-0.018710
1.49E-06	0.023622	-0.016645	
1.00000	0.082457	0.048226	-0.018710
1.49E-06	0.046881	-0.076595	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007623	-0.219336	0.077463
2.11E-05	0.178719	-4.621182	
0.25000	-0.007623	-0.219336	0.077463
2.11E-05	0.082425	-4.348525	
0.50000	-0.007623	-0.219336	0.077463
2.11E-05	-0.013869	-4.075869	
0.75000	-0.007623	-0.219336	0.077463
2.11E-05	-0.110163	-3.803212	
1.00000	-0.007623	-0.219336	0.077463
2.11E-05	-0.206457	-3.530556	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.007623	0.219336	-0.077463
-2.11E-05	-0.178719	4.621182	
0.25000	0.007623	0.219336	-0.077463
-2.11E-05	-0.082425	4.348525	
0.50000	0.007623	0.219336	-0.077463
-2.11E-05	0.013869	4.075869	
0.75000	0.007623	0.219336	-0.077463
-2.11E-05	0.110163	3.803212	
1.00000	0.007623	0.219336	-0.077463
-2.11E-05	0.206457	3.530556	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.082457	0.219336	0.111706
2.11E-05	0.272482	4.621182	
0.25000	0.082457	0.219336	0.111706
2.11E-05	0.133620	4.348525	
0.50000	0.082457	0.219336	0.111706
2.11E-05	0.013869	4.075869	
0.75000	0.082457	0.219336	0.111706
2.11E-05	0.110163	3.803212	
1.00000	0.082457	0.219336	0.111706
2.11E-05	0.206457	3.530556	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068046	-0.219336	-0.077463
-2.11E-05	-0.178719	-4.621182	
0.25000	-0.068046	-0.219336	-0.077463
-2.11E-05	-0.082425	-4.348525	
0.50000	-0.068046	-0.219336	-0.077463
-2.11E-05	-0.013869	-4.075869	
0.75000	-0.068046	-0.219336	-0.077463
-2.11E-05	-0.144103	-3.803212	
1.00000	-0.068046	-0.219336	-0.077463
-2.11E-05	-0.282965	-3.530556	

ELEM 426 ========== LENGTH = 4.973393

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018761	-0.001331	-8.44E-05
-1.80E-08	-0.000552	-0.112365	
0.25000	0.018761	-0.001331	-8.44E-05
-1.80E-08	-0.000447	-0.110710	
0.50000	0.018761	-0.001331	-8.44E-05
-1.80E-08	-0.000342	-0.109056	
0.75000	0.018761	-0.001331	-8.44E-05
-1.80E-08	-0.000237	-0.107402	
1.00000	0.018761	-0.001331	-8.44E-05
-1.80E-08	-0.000132	-0.105748	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006801	0.006497	0.003109
-1.34E-06	0.009673	0.615151	
0.25000	-0.006801	0.006497	0.003109
-1.34E-06	0.005808	0.607073	
0.50000	-0.006801	0.006497	0.003109
-1.34E-06	0.001943	0.598996	
0.75000	-0.006801	0.006497	0.003109
-1.34E-06	-0.001922	0.590918	
1.00000	-0.006801	0.006497	0.003109
-1.34E-06	-0.005787	0.582841	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011135	-0.022665	-0.014868
6.70E-06	-0.044220	-2.237072	
0.25000	0.011135	-0.022665	-0.014868
6.70E-06	-0.025734	-2.208892	
0.50000	0.011135	-0.022665	-0.014868
6.70E-06	-0.007248	-2.180711	
0.75000	0.011135	-0.022665	-0.014868
6.70E-06	0.011238	-2.152531	
1.00000	0.011135	-0.022665	-0.014868
6.70E-06	0.029724	-2.124350	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059216	0.094279	-0.091561
-1.85E-05	-0.218347	3.014407	
0.25000	-0.059216	0.094279	-0.091561
-1.85E-05	-0.104505	2.897186	
0.50000	-0.059216	0.094279	-0.091561
-1.85E-05	0.009338	2.779964	
0.75000	-0.059216	0.094279	-0.091561
-1.85E-05	0.123180	2.662742	
1.00000	-0.059216	0.094279	-0.091561
-1.85E-05	0.237023	2.545520	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.055343	-0.135685	0.122022
1.16E-05	0.300193	-1.209150	
0.25000	-0.055343	-0.135685	0.122022
1.16E-05	0.148477	-1.040446	
0.50000	-0.055343	-0.135685	0.122022
1.16E-05	-0.003238	-0.871742	
0.75000	-0.055343	-0.135685	0.122022
1.16E-05	-0.154954	-0.703038	
1.00000	-0.055343	-0.135685	0.122022
1.16E-05	-0.306669	-0.534333	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091464	0.058905	-0.018617
1.54E-06	-0.046747	-0.070971	
0.25000	0.091464	0.058905	-0.018617
1.54E-06	-0.023600	-0.144211	
0.50000	0.091464	0.058905	-0.018617
1.54E-06	-0.000452	-0.217450	
0.75000	0.091464	0.058905	-0.018617
1.54E-06	0.022695	-0.290690	
1.00000	0.091464	0.058905	-0.018617
1.54E-06	0.045842	-0.363929	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025447	-0.159681	0.107069
1.83E-05	0.255421	-3.558587	
0.25000	-0.025447	-0.159681	0.107069
1.83E-05	0.122296	-3.360048	
0.50000	-0.025447	-0.159681	0.107069
1.83E-05	-0.010828	-3.161509	
0.75000	-0.025447	-0.159681	0.107069
1.83E-05	-0.143953	-2.962970	
1.00000	-0.025447	-0.159681	0.107069
1.83E-05	-0.277078	-2.764431	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.025447	0.159681	-0.107069
-1.83E-05	-0.255421	3.558587	
0.25000	0.025447	0.159681	-0.107069
-1.83E-05	-0.122296	3.360048	
0.50000	0.025447	0.159681	-0.107069
-1.83E-05	0.010828	3.161509	
0.75000	0.025447	0.159681	-0.107069
-1.83E-05	0.143953	2.962970	
1.00000	0.025447	0.159681	-0.107069
-1.83E-05	0.277078	2.764431	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.091464	0.159681	0.122022
1.83E-05	0.300193	3.558587	
0.25000	0.091464	0.159681	0.122022
1.83E-05	0.148477	3.360048	
0.50000	0.091464	0.159681	0.122022
1.83E-05	0.010828	3.161509	
0.75000	0.091464	0.159681	0.122022
1.83E-05	0.143953	2.962970	
1.00000	0.091464	0.159681	0.122022
1.83E-05	0.277078	2.764431	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.059216	-0.159681	-0.107069
-1.85E-05	-0.255421	-3.558587	
0.25000	-0.059216	-0.159681	-0.107069
-1.85E-05	-0.122296	-3.360048	
0.50000	-0.059216	-0.159681	-0.107069
-1.85E-05	-0.010828	-3.161509	
0.75000	-0.059216	-0.159681	-0.107069
-1.85E-05	-0.154954	-2.962970	
1.00000	-0.059216	-0.159681	-0.107069
-1.85E-05	-0.306669	-2.764431	

ELEM 427 ========== LENGTH = 4.972462

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014531	-0.004889	0.000614
-3.63E-07	0.001231	-0.105834	
0.25000	0.014531	-0.004889	0.000614
-3.63E-07	0.000469	-0.099756	
0.50000	0.014531	-0.004889	0.000614
-3.63E-07	-0.000294	-0.093679	
0.75000	0.014531	-0.004889	0.000614
-3.63E-07	-0.001057	-0.087602	
1.00000	0.014531	-0.004889	0.000614
-3.63E-07	-0.001819	-0.081524	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006651	0.026494	-0.001042
-1.46E-07	-0.000913	0.582533	
0.25000	-0.006651	0.026494	-0.001042
-1.46E-07	0.000381	0.549598	
0.50000	-0.006651	0.026494	-0.001042
-1.46E-07	0.001676	0.516663	
0.75000	-0.006651	0.026494	-0.001042
-1.46E-07	0.002971	0.483728	
1.00000	-0.006651	0.026494	-0.001042
-1.46E-07	0.004266	0.450793	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012967	-0.096027	0.001098
3.18E-06	-0.003520	-2.122224	
0.25000	0.012967	-0.096027	0.001098
3.18E-06	-0.004885	-2.002852	
0.50000	0.012967	-0.096027	0.001098
3.18E-06	-0.006251	-1.883480	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.012967	-0.096027	0.001098
3.18E-06	-0.007616	-1.764108	
1.00000	0.012967	-0.096027	0.001098
3.18E-06	-0.008981	-1.644736	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051743	0.193980	-0.111133
-1.51E-05	-0.269342	2.575805	
0.25000	-0.051743	0.193980	-0.111133
-1.51E-05	-0.131190	2.334665	
0.50000	-0.051743	0.193980	-0.111133
-1.51E-05	0.006962	2.093526	
0.75000	-0.051743	0.193980	-0.111133
-1.51E-05	0.145113	1.852386	
1.00000	-0.051743	0.193980	-0.111133
-1.51E-05	0.283265	1.611247	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067167	-0.177084	0.126857
1.16E-05	0.314727	-0.571675	
0.25000	-0.067167	-0.177084	0.126857
1.16E-05	0.157029	-0.351539	
0.50000	-0.067167	-0.177084	0.126857
1.16E-05	-0.000670	-0.131403	
0.75000	-0.067167	-0.177084	0.126857
1.16E-05	-0.158368	0.088733	
1.00000	-0.067167	-0.177084	0.126857
1.16E-05	-0.316066	0.308869	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098063	0.057526	-0.016394
8.52E-07	-0.042183	-0.358605	
0.25000	0.098063	0.057526	-0.016394
8.52E-07	-0.021803	-0.430116	
0.50000	0.098063	0.057526	-0.016394
8.52E-07	-0.001424	-0.501627	
0.75000	0.098063	0.057526	-0.016394
8.52E-07	0.018956	-0.573138	
1.00000	0.098063	0.057526	-0.016394
8.52E-07	0.039336	-0.644649	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039669	-0.277999	0.128569
1.44E-05	0.312438	-2.799732	
0.25000	-0.039669	-0.277999	0.128569
1.44E-05	0.152612	-2.454147	
0.50000	-0.039669	-0.277999	0.128569
1.44E-05	-0.007214	-2.108562	
0.75000	-0.039669	-0.277999	0.128569
1.44E-05	-0.167041	-1.762977	
1.00000	-0.039669	-0.277999	0.128569
1.44E-05	-0.326867	-1.417391	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039669	0.277999	-0.128569
-1.44E-05	-0.312438	2.799732	
0.25000	0.039669	0.277999	-0.128569
-1.44E-05	-0.152612	2.454147	
0.50000	0.039669	0.277999	-0.128569
-1.44E-05	0.007214	2.108562	
0.75000	0.039669	0.277999	-0.128569
-1.44E-05	0.167041	1.762977	
1.00000	0.039669	0.277999	-0.128569
-1.44E-05	0.326867	1.417391	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.098063	0.277999	0.128569
1.44E-05	0.314727	2.799732	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.098063	0.277999	0.128569
1.44E-05	0.157029	2.454147	
0.50000	0.098063	0.277999	0.128569
1.44E-05	0.007214	2.108562	
0.75000	0.098063	0.277999	0.128569
1.44E-05	0.167041	1.852386	
1.00000	0.098063	0.277999	0.128569
1.44E-05	0.326867	1.611247	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067167	-0.277999	-0.128569
-1.51E-05	-0.312438	-2.799732	
0.25000	-0.067167	-0.277999	-0.128569
-1.51E-05	-0.152612	-2.454147	
0.50000	-0.067167	-0.277999	-0.128569
-1.51E-05	-0.007214	-2.108562	
0.75000	-0.067167	-0.277999	-0.128569
-1.51E-05	-0.167041	-1.762977	
1.00000	-0.067167	-0.277999	-0.128569
-1.51E-05	-0.326867	-1.644736	

ELEM 428 ========== LENGTH = 4.972749

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011282	-0.004825	0.001171
-5.86E-07	0.002695	-0.081797	
0.25000	0.011282	-0.004825	0.001171
-5.86E-07	0.001240	-0.075798	
0.50000	0.011282	-0.004825	0.001171
-5.86E-07	-0.000215	-0.069800	
0.75000	0.011282	-0.004825	0.001171
-5.86E-07	-0.001671	-0.063801	
1.00000	0.011282	-0.004825	0.001171
-5.86E-07	-0.003126	-0.057803	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006266	0.026378	-0.004358
8.21E-07	-0.009603	0.451628	
0.25000	-0.006266	0.026378	-0.004358
8.21E-07	-0.004186	0.418836	
0.50000	-0.006266	0.026378	-0.004358
8.21E-07	0.001232	0.386044	
0.75000	-0.006266	0.026378	-0.004358
8.21E-07	0.006650	0.353252	
1.00000	-0.006266	0.026378	-0.004358
8.21E-07	0.012068	0.320459	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013714	-0.095922	0.013840
-7.99E-08	0.029813	-1.647072	
0.25000	0.013714	-0.095922	0.013840
-7.99E-08	0.012607	-1.527822	
0.50000	0.013714	-0.095922	0.013840
-7.99E-08	-0.004599	-1.408573	
0.75000	0.013714	-0.095922	0.013840
-7.99E-08	-0.021805	-1.289323	
1.00000	0.013714	-0.095922	0.013840
-7.99E-08	-0.039012	-1.170074	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044896	0.192042	-0.123792
-1.22E-05	-0.304019	1.646592	
0.25000	-0.044896	0.192042	-0.123792
-1.22E-05	-0.150123	1.407849	
0.50000	-0.044896	0.192042	-0.123792
-1.22E-05	0.003773	1.169105	
0.75000	-0.044896	0.192042	-0.123792
-1.22E-05	0.157669	0.930361	
1.00000	-0.044896	0.192042	-0.123792
-1.22E-05	0.311565	0.691617	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075862	-0.173231	0.124994
1.25E-05	0.312946	0.271016	
0.25000	-0.075862	-0.173231	0.124994
1.25E-05	0.157555	0.486375	
0.50000	-0.075862	-0.173231	0.124994
1.25E-05	0.002164	0.701733	
0.75000	-0.075862	-0.173231	0.124994
1.25E-05	-0.153227	0.917091	
1.00000	-0.075862	-0.173231	0.124994
1.25E-05	-0.308618	1.132450	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102028	0.055559	-0.011856
-4.34E-07	-0.031533	-0.640368	
0.25000	0.102028	0.055559	-0.011856
-4.34E-07	-0.017094	-0.709439	
0.50000	0.102028	0.055559	-0.011856
-4.34E-07	-0.002355	-0.778509	
0.75000	0.102028	0.055559	-0.011856
-4.34E-07	0.012384	-0.847579	
1.00000	0.102028	0.055559	-0.011856
-4.34E-07	0.027123	-0.916650	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050865	-0.273978	0.140005
1.18E-05	0.345455	-1.457852	
0.25000	-0.050865	-0.273978	0.140005
1.18E-05	0.171402	-1.117246	
0.50000	-0.050865	-0.273978	0.140005
1.18E-05	-0.002651	-0.776639	
0.75000	-0.050865	-0.273978	0.140005
1.18E-05	-0.176703	-0.436033	
1.00000	-0.050865	-0.273978	0.140005
1.18E-05	-0.350756	-0.095427	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.050865	0.273978	-0.140005
-1.18E-05	-0.345455	1.457852	
0.25000	0.050865	0.273978	-0.140005
-1.18E-05	-0.171402	1.117246	
0.50000	0.050865	0.273978	-0.140005
-1.18E-05	0.002651	0.776639	
0.75000	0.050865	0.273978	-0.140005
-1.18E-05	0.176703	0.436033	
1.00000	0.050865	0.273978	-0.140005
-1.18E-05	0.350756	0.095427	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.102028	0.273978	0.140005
1.25E-05	0.345455	1.646592	
0.25000	0.102028	0.273978	0.140005
1.25E-05	0.171402	1.407849	
0.50000	0.102028	0.273978	0.140005
1.25E-05	0.003773	1.169105	
0.75000	0.102028	0.273978	0.140005
1.25E-05	0.176703	0.930361	
1.00000	0.102028	0.273978	0.140005
1.25E-05	0.350756	1.132450	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075862	-0.273978	-0.140005
-1.22E-05	-0.345455	-1.647072	
0.25000	-0.075862	-0.273978	-0.140005
-1.22E-05	-0.171402	-1.527822	
0.50000	-0.075862	-0.273978	-0.140005
-1.22E-05	-0.004599	-1.408573	
0.75000	-0.075862	-0.273978	-0.140005
-1.22E-05	-0.176703	-1.289323	
1.00000	-0.075862	-0.273978	-0.140005
-1.22E-05	-0.350756	-1.170074	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 429 ========== LENGTH = 4.973059

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.008754	-0.004965	0.001556
-7.10E-07	0.003728	-0.058215	
0.25000	0.008754	-0.004965	0.001556
-7.10E-07	0.001794	-0.052043	
0.50000	0.008754	-0.004965	0.001556
-7.10E-07	-0.000140	-0.045870	
0.75000	0.008754	-0.004965	0.001556
-7.10E-07	-0.002074	-0.039698	
1.00000	0.008754	-0.004965	0.001556
-7.10E-07	-0.004008	-0.033525	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005593	0.027262	-0.006657
1.47E-06	-0.007549	0.322133	
0.25000	-0.005593	0.027262	-0.006657
1.47E-06	-0.007472	0.288239	
0.50000	-0.005593	0.027262	-0.006657
1.47E-06	0.000805	0.254345	
0.75000	-0.005593	0.027262	-0.006657
1.47E-06	0.009082	0.220451	
1.00000	-0.005593	0.027262	-0.006657
1.47E-06	0.017358	0.186557	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013003	-0.099274	0.022686
-2.47E-06	0.053401	-1.175634	
0.25000	0.013003	-0.099274	0.022686
-2.47E-06	0.025196	-1.052210	
0.50000	0.013003	-0.099274	0.022686
-2.47E-06	-0.003009	-0.928786	
0.75000	0.013003	-0.099274	0.022686
-2.47E-06	0.031213	-0.805362	
1.00000	0.013003	-0.099274	0.022686
-2.47E-06	-0.059418	-0.681938	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035788	0.196649	-0.128755
-1.05E-05	-0.319503	0.729590	
0.25000	-0.035788	0.196649	-0.128755
-1.05E-05	-0.159426	0.485104	
0.50000	-0.035788	0.196649	-0.128755
-1.05E-05	0.000650	0.240618	
0.75000	-0.035788	0.196649	-0.128755
-1.05E-05	0.160727	-0.003868	
1.00000	-0.035788	0.196649	-0.128755
-1.05E-05	0.320803	-0.248354	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.084231	-0.175163	0.116178
1.43E-05	0.293888	1.096196	
0.25000	-0.084231	-0.175163	0.116178
1.43E-05	0.149448	1.313970	
0.50000	-0.084231	-0.175163	0.116178
1.43E-05	0.005008	1.531744	
0.75000	-0.084231	-0.175163	0.116178
1.43E-05	-0.139433	1.749518	
1.00000	-0.084231	-0.175163	0.116178
1.43E-05	-0.283873	1.967292	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103855	0.055491	-0.005008
-2.10E-06	-0.015766	-0.914070	
0.25000	0.103855	0.055491	-0.005008
-2.10E-06	-0.009540	-0.983061	
0.50000	0.103855	0.055491	-0.005008
-2.10E-06	-0.003314	-1.052051	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.103855	0.055491	-0.005008
-2.10E-06	0.002912	-1.121042	
1.00000	0.103855	0.055491	-0.005008
-2.10E-06	0.009138	-1.190032	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.062474	-0.279402	0.140420
1.11E-05	0.351017	-0.137653	
0.25000	-0.062474	-0.279402	0.140420
1.11E-05	0.176438	0.209717	
0.50000	-0.062474	-0.279402	0.140420
1.11E-05	0.001859	0.557088	
0.75000	-0.062474	-0.279402	0.140420
1.11E-05	-0.172720	0.904459	
1.00000	-0.062474	-0.279402	0.140420
1.11E-05	-0.347299	1.251829	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062474	0.279402	-0.140420
-1.11E-05	-0.351017	0.137653	
0.25000	-0.062474	0.279402	-0.140420
-1.11E-05	-0.176438	-0.209717	
0.50000	0.062474	0.279402	-0.140420
-1.11E-05	-0.001859	-0.557088	
0.75000	0.062474	0.279402	-0.140420
-1.11E-05	0.172720	-0.904459	
1.00000	0.062474	0.279402	-0.140420
-1.11E-05	0.347299	-1.251829	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.103855	0.279402	0.140420
1.43E-05	0.351017	1.096196	
0.25000	0.103855	0.279402	0.140420
1.43E-05	0.176438	1.313970	
0.50000	0.103855	0.279402	0.140420
1.43E-05	0.005008	1.531744	
0.75000	0.103855	0.279402	0.140420
1.43E-05	0.172720	1.749518	
1.00000	0.103855	0.279402	0.140420
1.43E-05	0.347299	1.967292	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.084231	-0.279402	-0.140420
-1.11E-05	-0.351017	-1.175634	
0.25000	-0.084231	-0.279402	-0.140420
-1.11E-05	-0.176438	-1.052210	
0.50000	-0.084231	-0.279402	-0.140420
-1.11E-05	-0.003314	-1.052051	
0.75000	-0.084231	-0.279402	-0.140420
-1.11E-05	-0.172720	-1.121042	
1.00000	-0.084231	-0.279402	-0.140420
-1.11E-05	-0.347299	-1.251829	

ELEM 430 ========== LENGTH = 4.972548

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006781	-0.005143	0.001769
-7.64E-07	0.004337	-0.034029	
0.25000	0.006781	-0.005143	0.001769
-7.64E-07	0.002138	-0.027635	
0.50000	0.006781	-0.005143	0.001769
-7.64E-07	-6.04E-05	-0.021241	
0.75000	0.006781	-0.005143	0.001769
-7.64E-07	-0.002259	-0.014847	
1.00000	0.006781	-0.005143	0.001769
-7.64E-07	-0.004458	-0.008453	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004705	0.028300	-0.007943
1.84E-06	-0.019395	0.188767	
0.25000	-0.004705	0.028300	-0.007943
1.84E-06	-0.009521	0.153585	
0.50000	-0.004705	0.028300	-0.007943
1.84E-06	0.000353	0.118404	
0.75000	-0.004705	0.028300	-0.007943
1.84E-06	0.010228	0.083223	
1.00000	-0.004705	0.028300	-0.007943
1.84E-06	0.020102	0.048042	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011081	-0.103126	0.027656
-3.94E-06	0.067430	-0.689544	
0.25000	0.011081	-0.103126	0.027656
-3.94E-06	0.033050	-0.561345	
0.50000	0.011081	-0.103126	0.027656
-3.94E-06	-0.001330	-0.433145	
0.75000	0.011081	-0.103126	0.027656
-3.94E-06	-0.035710	-0.304945	
1.00000	0.011081	-0.103126	0.027656
-3.94E-06	-0.070090	-0.176746	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.025655	0.161353	-0.126453
-9.78E-06	-0.316650	-0.209946	
0.25000	-0.025655	0.161353	-0.126453
-9.78E-06	-0.159451	-0.410531	
0.50000	-0.025655	0.161353	-0.126453
-9.78E-06	-0.002252	-0.611115	
0.75000	-0.025655	0.161353	-0.126453
-9.78E-06	0.154947	-0.811699	
1.00000	-0.025655	0.161353	-0.126453
-9.78E-06	0.312146	-1.012284	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091247	-0.095694	0.101176
1.64E-05	0.258766	1.934471	
0.25000	-0.091247	-0.095694	0.101176
1.64E-05	0.132990	2.053431	
0.50000	-0.091247	-0.095694	0.101176
1.64E-05	0.007214	2.172391	
0.75000	-0.091247	-0.095694	0.101176
1.64E-05	-0.118561	2.291352	
1.00000	-0.091247	-0.095694	0.101176
1.64E-05	-0.244337	2.410312	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.103744	0.014309	0.003796
-3.73E-06		0.005511	-1.189718	
0.25000		0.103744	0.014309	0.003796
-3.73E-06		0.000793	-1.207506	
0.50000		0.103744	0.014309	0.003796
-3.73E-06		-0.003926	-1.225294	
0.75000		0.103744	0.014309	0.003796
-3.73E-06		-0.008644	-1.243082	
1.00000		0.103744	0.014309	0.003796
-3.73E-06		-0.013362	-1.260870	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.073384	-0.203963	0.130601
1.17E-05		0.330534	1.210898	
0.25000		-0.073384	-0.203963	0.130601
1.17E-05		0.168179	1.464451	
0.50000		-0.073384	-0.203963	0.130601
1.17E-05		0.005824	1.718005	
0.75000		-0.073384	-0.203963	0.130601
1.17E-05		-0.156530	1.971559	
1.00000		-0.073384	-0.203963	0.130601
1.17E-05		-0.318885	2.225113	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
822

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.073384	0.203963	-0.130601
-1.17E-05		-0.330534	-1.210898	
0.25000		0.073384	0.203963	-0.130601
-1.17E-05		-0.168179	-1.464451	
0.50000		0.073384	0.203963	-0.130601
-1.17E-05		-0.005824	-1.718005	
0.75000		0.073384	0.203963	-0.130601
-1.17E-05		0.156530	-1.971559	
1.00000		0.073384	0.203963	-0.130601
-1.17E-05		0.318885	-2.225113	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.103744	0.203963	0.130601
1.64E-05		0.330534	1.934471	
0.25000		0.103744	0.203963	0.130601
1.64E-05		0.168179	2.053431	
0.50000		0.103744	0.203963	0.130601
1.64E-05		0.007214	2.172391	
0.75000		0.103744	0.203963	0.130601
1.64E-05		0.156530	2.291352	
1.00000		0.103744	0.203963	0.130601
1.64E-05		0.318885	2.410312	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.091247	-0.203963	-0.130601
-1.17E-05		-0.330534	-1.210898	
0.25000		-0.091247	-0.203963	-0.130601
-1.17E-05		-0.168179	-1.464451	
0.50000		-0.091247	-0.203963	-0.130601
-1.17E-05		-0.005824	-1.718005	
0.75000		-0.091247	-0.203963	-0.130601
-1.17E-05		-0.156530	-1.971559	
1.00000		-0.091247	-0.203963	-0.130601
-1.17E-05		-0.318885	-2.225113	

ELEM 431 ========== LENGTH = 4.972164

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.005265	-0.004159	0.001819
-7.39E-07		0.004530	-0.008996	
0.25000		0.005265	-0.004159	0.001819
-7.39E-07		0.002269	-0.003826	
0.50000		0.005265	-0.004159	0.001819
-7.39E-07		7.54E-06	0.001344	
0.75000		0.005265	-0.004159	0.001819
-7.39E-07		-0.002254	0.006513	
1.00000		0.005265	-0.004159	0.001819
-7.39E-07		-0.004515	0.011683	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.003748	0.022846	-0.008263
1.91E-06		-0.020579	0.050493	
0.25000		-0.003748	0.022846	-0.008263
1.91E-06		-0.010308	0.022095	
0.50000		-0.003748	0.022846	-0.008263
1.91E-06		-3.62E-05	-0.006303	
0.75000		-0.003748	0.022846	-0.008263
1.91E-06		0.010235	-0.034701	
1.00000		-0.003748	0.022846	-0.008263
1.91E-06		0.020507	-0.063099	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008485	-0.083216	0.028929
-4.44E-06		0.072043	-0.185301	
0.25000		0.008485	-0.083216	0.028929
-4.44E-06		0.036083	-0.081861	
0.50000		0.008485	-0.083216	0.028929
-4.44E-06		0.000123	0.021580	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
823

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.008485	-0.083216	0.028929
-4.44E-06		0.125837	-0.277021	
1.00000		0.008485	-0.083216	0.028929
-4.44E-06		-0.071797	0.228462	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.015239	0.160265	-0.117672
-9.29E-06		-0.297213	-0.975506	
0.25000		-0.015239	0.160265	-0.117672
-9.29E-06		-0.150942	-1.174721	
0.50000		-0.015239	0.160265	-0.117672
-9.29E-06		-0.004672	-1.373937	
0.75000		-0.015239	0.160265	-0.117672
-9.29E-06		0.141599	-1.573152	
1.00000		-0.015239	0.160265	-0.117672
-9.29E-06		0.287869	-1.772368	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.097749	-0.136712	0.081047
1.70E-05		0.210572	2.382723	
0.25000		-0.097749	-0.136712	0.081047
1.70E-05		0.109828	2.552661	
0.50000		-0.097749	-0.136712	0.081047
1.70E-05		0.009083	2.722599	
0.75000		-0.097749	-0.136712	0.081047
1.70E-05		-0.091662	2.892537	
1.00000		-0.097749	-0.136712	0.081047
1.70E-05		-0.192407	3.062475	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102986	0.040976	0.014139
-4.48E-06		0.030646	-1.263413	
0.25000		0.102986	0.040976	0.014139
-4.48E-06		0.013070	-1.314348	
0.50000		0.102986	0.040976	0.014139
-4.48E-06		-0.004506	-1.365283	
0.75000		0.102986	0.040976	0.014139
-4.48E-06		-0.022081	-1.416218	
1.00000		0.102986	0.040976	0.014139
-4.48E-06		-0.039657	-1.467153	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.083999	-0.224086	0.111795
1.19E-05		0.287146	2.188426	
0.25000		-0.083999	-0.224086	0.111795
1.19E-05		0.148180	2.466974	
0.50000		-0.083999	-0.224086	0.111795
1.19E-05		0.009213	2.745523	
0.75000		-0.083999	-0.224086	0.111795
1.19E-05		-0.129753	3.024071	
1.00000		-0.083999	-0.224086	0.111795
1.19E-05		-0.268719	3.302620	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.083999	0.224086	-0.111795
-1.19E-05		-0.287146	-2.188426	
0.25000		0.083999	0.224086	-0.111795
-1.19E-05		-0.148180	-2.466974	
0.50000		0.083999	0.224086	-0.111795
-1.19E-05		-0.009213	-2.745523	
0.75000		0.083999	0.224086	-0.111795
-1.19E-05		0.129753	-3.024071	
1.00000		0.083999	0.224086	-0.111795
-1.19E-05		0.268719	-3.302620	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102986	0.224086	0.111795
1.70E-05		0.287146	2.382723	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
824

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.102986	0.224086	0.111795
1.70E-05		0.148180	2.552661	
0.50000		0.102986	0.224086	0.111795
1.70E-05		0.009213	2.745523	
0.75000		0.102986	0.224086	0.111795
1.70E-05		0.141599	3.024071	
1.00000		0.102986	0.224086	0.111795
1.70E-05		0.287869	3.302620	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.097749	-0.224086	-0.117672
-1.19E-05		-0.297213	-2.188426	
0.25000		-0.097749	-0.224086	-0.117672
-1.19E-05		-0.150942	-2.466974	
0.50000		-0.097749	-0.224086	-0.117672
-1.19E-05		-0.009213	-2.745523	
0.75000		-0.097749	-0.224086	-0.117672
-1.19E-05		-0.129753	-3.024071	
1.00000		-0.097749	-0.224086	-0.117672
-1.19E-05		-0.268719	-3.302620	

ELEM 432 ========== LENGTH = 4.972903

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004086	-0.003352	0.001670
-6.50E-07		0.004269	0.011155	
0.25000		0.004086	-0.003352	0.001670
-6.50E-07		0.002193	0.015322	
0.50000		0.004086	-0.003352	0.001670
-6.50E-07		0.000116	0.019489	
0.75000		0.004086	-0.003352	0.001670
-6.50E-07		-0.001960	0.023656	
1.00000		0.004086	-0.003352	0.001670
-6.50E-07		-0.004036	0.027823	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.002608	0.018250	-0.007488
1.82E-06		-0.019211	-0.060713	
0.25000		-0.002608	0.018250	-0.007488
1.82E-06		-0.009901	-0.083402	
0.50000		-0.002608	0.018250	-0.007488
1.82E-06		-0.000592	-0.106091	
0.75000		-0.002608	0.018250	-0.007488
1.82E-06		0.008718	-0.128780	
1.00000		-0.002608	0.018250	-0.007488
1.82E-06		0.018027	-0.151470	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004830	-0.066287	0.026091
-4.54E-06		0.067011	0.220122	
0.25000		0.004830	-0.066287	0.026091
-4.54E-06		0.034574	0.302531	
0.50000		0.004830	-0.066287	0.026091
-4.54E-06		0.002137	0.384941	
0.75000		0.004830	-0.066287	0.026091
-4.54E-06		-0.030299	0.467350	
1.00000		0.004830	-0.066287	0.026091
-4.54E-06		-0.062736	0.549759	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001371	0.090145	-0.099781
-6.06E-06		-0.257798	-1.739691	
0.25000		-0.001371	0.090145	-0.099781
-6.06E-06		-0.133748	-1.851761	
0.50000		-0.001371	0.090145	-0.099781
-6.06E-06		-0.009698	-1.963831	
0.75000		-0.001371	0.090145	-0.099781
-6.06E-06		0.114352	-2.075901	
1.00000		-0.001371	0.090145	-0.099781
-6.06E-06		0.238403	-2.187971	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
825

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.107703	-0.032533	0.054825
1.15E-05		0.148343	3.042272	
0.25000		-0.107703	-0.032533	0.054825
1.15E-05		0.080183	3.082717	
0.50000		-0.107703	-0.032533	0.054825
1.15E-05		0.012023	3.123163	
0.75000		-0.107703	-0.032533	0.054825
1.15E-05		-0.056137	3.163609	
1.00000		-0.107703	-0.032533	0.054825
1.15E-05		-0.124297	3.204055	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102767	-0.006223	0.024683
-2.10E-06		0.057386	-1.473145	
0.25000		0.102767	-0.006223	0.024683
-2.10E-06		0.026699	-1.465407	
0.50000		0.102767	-0.006223	0.024683
-2.10E-06		-0.003987	-1.457670	
0.75000		0.102767	-0.006223	0.024683
-2.10E-06		-0.034674	-1.449933	
1.00000		0.102767	-0.006223	0.024683
-2.10E-06		-0.065361	-1.442196	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.098788	-0.102171	0.082586
6.34E-06		0.219623	3.273549	
0.25000		-0.098788	-0.102171	0.082586
6.34E-06		0.116950	3.400571	
0.50000		-0.098788	-0.102171	0.082586
6.34E-06		0.014277	3.527593	
0.75000		-0.098788	-0.102171	0.082586
6.34E-06		-0.088396	-3.654615	
1.00000		-0.098788	-0.102171	0.082586
6.34E-06		-0.191069	3.781637	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.098788	0.102171	-0.082586
-6.34E-06		-0.219623	-3.273549	
0.25000		0.098788	0.102171	-0.082586
-6.34E-06		-0.116950	-3.400571	
0.50000		0.098788	0.102171	-0.082586
-6.34E-06		-0.014277	-3.527593	
0.75000		0.098788	0.102171	-0.082586
-6.34E-06		0.088396	-3.654615	
1.00000		0.098788	0.102171	-0.082586
-6.34E-06		0.191069	-3.781637	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102767	0.102171	0.082586
1.15E-05		0.219623	3.273549	
0.25000		0.102767	0.102171	0.082586
1.15E-05		0.116950	3.400571	
0.50000		0.102767	0.102171	0.082586
1.15E-05		0.014277	3.527593	
0.75000		0.102767	0.102171	0.082586
1.15E-05		0.114352	3.654615	
1.00000		0.102767	0.102171	0.082586
1.15E-05		0.238403	3.781637	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.107703	-0.102171	-0.099781
-6.34E-06		-0.257798	-3.273549	
0.25000		-0.107703	-0.102171	-0.099781
-6.34E-06		-0.133748	-3.400571	
0.50000		-0.107703	-0.102171	-0.099781
-6.34E-06		-0.014277	-3.527593	
0.75000		-0.107703	-0.102171	-0.099781
-6.34E-06		-0.088396	-3.654615	
1.00000		-0.107703	-0.102171	-0.099781
-6.34E-06		-0.191069	-3.781637	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
826

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 433 ========== LENGTH = 3.481101

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003190	-0.001816	0.002874
-6.04E-07		0.005157	0.027270	
0.25000		0.003190	-0.001816	0.002874
-6.04E-07		0.002656	0.028851	
0.50000		0.003190	-0.001816	0.002874
-6.04E-07		0.000155	0.030431	
0.75000		0.003190	-0.001816	0.002874
-6.04E-07		-0.002346	0.032011	
1.00000		0.003190	-0.001816	0.002874
-6.04E-07		-0.004846	0.033591	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001510	0.010269	-0.012501
1.90E-06		-0.012546	-0.149134	
0.25000		-0.001510	0.010269	-0.012501
1.90E-06		-0.011667	-0.157971	
0.50000		-0.001510	0.010269	-0.012501
1.90E-06		-0.000788	-0.166908	
0.75000		-0.001510	0.010269	-0.012501
1.90E-06		0.010091	-0.175845	
1.00000		-0.001510	0.010269	-0.012501
1.90E-06		0.020970	-0.184782	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001070	-0.037832	0.042978
-5.14E-06		0.077652	0.541333	
0.25000		0.001070	-0.037832	0.042978
-5.14E-06		0.040250	0.574258	
0.50000		0.001070	-0.037832	0.042978
-5.14E-06		0.002847	0.607183	
0.75000		0.001070	-0.037832	0.042978
-5.14E-06		-0.034556	0.640107	
1.00000		0.001070	-0.037832	0.042978
-5.14E-06		-0.071958	0.673032	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.011770	0.034539	-0.160596
-1.18E-06		-0.289943	-2.156349	
0.25000		0.011770	0.034539	-0.160596
-1.18E-06		-0.150180	-2.186407	
0.50000		0.011770	0.034539	-0.160596
-1.18E-06		-0.010418	-2.216466	
0.75000		0.011770	0.034539	-0.160596
-1.18E-06		0.129345	-2.246524	
1.00000		0.011770	0.034539	-0.160596
-1.18E-06		0.269108	-2.276583	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.116642	0.023660	0.061787
2.63E-06		0.118394	3.189743	
0.25000		-0.116642	0.023660	0.061787
2.63E-06		0.064622	3.169152	
0.50000		-0.116642	0.023660	0.061787
2.63E-06		0.010851	3.148562	
0.75000		-0.116642	0.023660	0.061787
2.63E-06		-0.042920	3.127971	
1.00000		-0.116642	0.023660	0.061787
2.63E-06		-0.096692	3.107380	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.102123	-0.028820	0.065459
2.40E-06		0.111287	-1.452965	
0.25000		0.102123	-0.028820	0.065459
2.40E-06		0.054319	-1.427883	
0.50000		0.102123	-0.028820	0.065459
2.40E-06		-0.002648	-1.402801	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
827

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.102123	-0.028820	0.065459
2.40E-06		-0.059615	-1.377719	
1.00000		0.102123	-0.028820	0.065459
2.40E-06		-0.116582	-1.352638	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.112383	-0.015988	0.107638
-3.11E-06		0.201203	3.758347	
0.25000		-0.112383	-0.015988	0.107638
-3.11E-06		0.107528	3.772261	
0.50000		-0.112383	-0.015988	0.107638
-3.11E-06		0.013853	3.786175	
0.75000		-0.112383	-0.015988	0.107638
-3.11E-06		-0.079821	3.800089	
1.00000		-0.112383	-0.015988	0.107638
-3.11E-06		-0.173496	3.814003	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.112383	0.015988	-0.107638
3.11E-06		-0.201203	-3.758347	
0.25000		0.112383	0.015988	-0.107638
3.11E-06		-0.107528	-3.772261	
0.50000		0.112383	0.015988	-0.107638
3.11E-06		-0.013853	-3.786175	
0.75000		0.112383	0.015988	-0.107638
3.11E-06		0.079821	-3.800089	
1.00000		0.112383	0.015988	-0.107638
3.11E-06		0.173496	-3.814003	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.112383	0.034539	0.107638
3.11E-06		0.201203	3.758347	
0.25000		0.112383	0.034539	0.107638
3.11E-06		0.107528	3.772261	
0.50000		0.112383	0.034539	0.107638
3.11E-06		0.013853	3.786175	
0.75000		0.112383	0.034539	0.107638
3.11E-06		0.129345	3.800089	
1.00000		0.112383	0.034539	0.107638
3.11E-06		0.269108	3.814003	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.116642	-0.037832	-0.160596
-5.14E-06		-0.289943	-3.758347	
0.25000		-0.116642	-0.037832	-0.160596
-5.14E-06		-0.150180	-3.772261	
0.50000		-0.116642	-0.037832	-0.160596
-5.14E-06		-0.013853	-3.786175	
0.75000		-0.116642	-0.037832	-0.160596
-5.14E-06		-0.079821	-3.800089	
1.00000		-0.116642	-0.037832	-0.160596
-5.14E-06		-0.173496	-3.814003	

ELEM 434 ========== LENGTH = 3.481038

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.002416	-0.001101	0.002564
-4.65E-07		0.004506	0.033029	
0.25000		0.002416	-0.001101	0.002564
-4.65E-07		0.002275	0.033987	
0.50000		0.002416	-0.001101	0.002564
-4.65E-07		4.33E-05	0.034946	
0.75000		0.002416	-0.001101	0.002564
-4.65E-07		-0.002188	0.035904	
1.00000		0.002416	-0.001101	0.002564
-4.65E-07		-0.004420	0.036863	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
828

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000579	0.005503	-0.010675
1.70E-06		-0.018906	-0.182389	
0.25000		-0.000579	0.005503	-0.010675
1.70E-06		-0.009616	-0.187178	
0.50000		-0.000579	0.005503	-0.010675
1.70E-06		-0.000326	-0.191967	
0.75000		-0.000579	0.005503	-0.010675
1.70E-06		0.008964	-0.196756	
1.00000		-0.000579	0.005503	-0.010675
1.70E-06		0.018253	-0.201545	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001860	-0.019430	0.035923
-5.32E-06		0.063821	0.664884	
0.25000		-0.001860	-0.019430	0.035923
-5.32E-06		0.032558	0.681194	
0.50000		-0.001860	-0.019430	0.035923
-5.32E-06		0.001296	0.698703	
0.75000		-0.001860	-0.019430	0.035923
-5.32E-06		-0.029967	0.715613	
1.00000		-0.001860	-0.019430	0.035923
-5.32E-06		-0.061230	0.732522	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.018151	0.063468	-0.134920
5.63E-06		-0.238923	-2.246160	
0.25000		0.018151	0.063468	-0.134920
5.63E-06		-0.121507	-2.301394	
0.50000		0.018151	0.063468	-0.134920
5.63E-06		-0.004091	-2.356627	
0.75000		0.018151	0.063468	-0.134920
5.63E-06		0.113325	-2.411861	
1.00000		0.018151	0.063468	-0.134920
5.63E-06		0.230740	-2.467095	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.115298	-0.076700	0.026048
-1.01E-05		0.054417	3.098521	
0.25000		-0.115298	-0.076700	0.026048
-1.01E-05		0.031749	3.165270	
0.50000		-0.115298	-0.076700	0.026048
-1.01E-05		0.009081	3.232019	
0.75000		-0.115298	-0.076700	0.026048
-1.01E-05		-0.013587	3.298768	
1.00000		-0.115298	-0.076700	0.026048
-1.01E-05		-0.036255	3.365517	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.097171	0.028261	0.081060
8.58E-06	0.135084	-1.367886	
0.25000	0.097171	0.028261	0.081060
8.58E-06	0.064541	-1.392480	
0.50000	0.097171	0.028261	0.081060
8.58E-06	-0.006002	-1.417074	
0.75000	0.097171	0.028261	0.081060
8.58E-06	-0.076546	-1.441668	
1.00000	0.097171	0.028261	0.081060
8.58E-06	-0.147089	-1.466262	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.114743	-0.097232	0.064535
-1.59E-05	0.122744	3.796434	
0.25000	-0.114743	-0.097232	0.064535
-1.59E-05	0.066582	3.881051	
0.50000	-0.114743	-0.097232	0.064535
-1.59E-05	0.010420	3.965668	
0.75000	-0.114743	-0.097232	0.064535
-1.59E-05	-0.045742	4.050285	
1.00000	-0.114743	-0.097232	0.064535
-1.59E-05	-0.101905	4.134902	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114743	0.097232	-0.064535
1.59E-05	-0.122744	-3.796434	
0.25000	0.114743	0.097232	-0.064535
1.59E-05	-0.066582	-3.881051	
0.50000	0.114743	0.097232	-0.064535
1.59E-05	-0.010420	-3.965668	
0.75000	0.114743	0.097232	-0.064535
1.59E-05	0.045742	-4.050285	
1.00000	0.114743	0.097232	-0.064535
1.59E-05	0.101905	-4.134902	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.114743	0.097232	0.081060
1.59E-05	0.135084	3.796434	
0.25000	0.114743	0.097232	0.081060
1.59E-05	0.066582	3.881051	
0.50000	0.114743	0.097232	0.081060
1.59E-05	0.010420	3.965668	
0.75000	0.114743	0.097232	0.081060
1.59E-05	0.011325	4.050285	
1.00000	0.114743	0.097232	0.081060
1.59E-05	0.230740	4.134902	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.115298	-0.097232	-0.134920
-1.59E-05	-0.238923	-3.796434	
0.25000	-0.115298	-0.097232	-0.134920
-1.59E-05	-0.121507	-3.881051	
0.50000	-0.115298	-0.097232	-0.134920
-1.59E-05	-0.010420	-3.965668	
0.75000	-0.115298	-0.097232	-0.134920
-1.59E-05	-0.076546	-4.050285	
1.00000	-0.115298	-0.097232	-0.134920
-1.59E-05	-0.147089	-4.134902	

ELEM 435 ========== LENGTH = 4.972600

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001736	-0.000332	0.001143
-3.14E-07	0.002926	0.036421	
0.25000	0.001736	-0.000332	0.001143
-3.14E-07	0.001505	0.036834	
0.50000	0.001736	-0.000332	0.001143
-3.14E-07	8.33E-05	0.037247	
0.75000	0.001736	-0.000332	0.001143
-3.14E-07	-0.001338	0.037660	
1.00000	0.001736	-0.000332	0.001143
-3.14E-07	-0.002759	0.038073	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000156	0.001980	-0.004391
1.37E-06	-0.011447	-0.199759	
0.25000	0.000156	0.001980	-0.004391
1.37E-06	-0.005988	-0.202220	
0.50000	0.000156	0.001980	-0.004391
1.37E-06	-0.000529	-0.204682	
0.75000	0.000156	0.001980	-0.004391
1.37E-06	0.004930	-0.207144	
1.00000	0.000156	0.001980	-0.004391
1.37E-06	0.010389	-0.209606	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003817	-0.007415	0.014177
-4.61E-06	0.037274	0.726600	
0.25000	-0.003817	-0.007415	0.014177
-4.61E-06	0.019650	0.735819	
0.50000	-0.003817	-0.007415	0.014177
-4.61E-06	0.002026	0.745038	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.003817	-0.007415	0.014177
-4.61E-06	-0.015597	-0.754256	
1.00000	-0.003817	-0.007415	0.014177
-4.61E-06	-0.033221	0.763475	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.016880	0.028672	-0.054332
9.32E-06	-0.141814	-2.444706	
0.25000	0.016880	0.028672	-0.054332
9.32E-06	-0.074271	-2.480350	
0.50000	0.016880	0.028672	-0.054332
9.32E-06	-0.006729	-2.515993	
0.75000	0.016880	0.028672	-0.054332
9.32E-06	0.060814	-2.551637	
1.00000	0.016880	0.028672	-0.054332
9.32E-06	0.128357	-2.587281	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.102935	-0.035739	-0.009714
-1.79E-05	-0.012476	3.364122	
0.25000	-0.102935	-0.035739	-0.009714
-1.79E-05	-0.000399	3.408551	
0.50000	-0.102935	-0.035739	-0.009714
-1.79E-05	0.011677	3.452979	
0.75000	-0.102935	-0.035739	-0.009714
-1.79E-05	0.023754	3.497408	
1.00000	-0.102935	-0.035739	-0.009714
-1.79E-05	0.035830	3.541836	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.087981	0.012834	0.053118
1.21E-05	0.125537	-1.482679	
0.25000	0.087981	0.012834	0.053118
1.21E-05	0.059504	-1.498634	
0.50000	0.087981	0.012834	0.053118
1.21E-05	-0.006529	-1.514588	
0.75000	0.087981	0.012834	0.053118
1.21E-05	-0.072563	-1.530543	
1.00000	0.087981	0.012834	0.053118
1.21E-05	-0.138596	-1.546497	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105017	-0.043486	0.005606
-2.28E-05	0.027724	4.127144	
0.25000	-0.105017	-0.043486	0.005606
-2.28E-05	0.020755	4.181203	
0.50000	-0.105017	-0.043486	0.005606
-2.28E-05	0.013787	4.235263	
0.75000	-0.105017	-0.043486	0.005606
-2.28E-05	0.006818	4.289323	
1.00000	-0.105017	-0.043486	0.005606
-2.28E-05	-0.000150	4.343383	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105017	0.043486	-0.005606
2.28E-05	-0.027724	-4.127144	
0.25000	0.105017	0.043486	-0.005606
2.28E-05	-0.020755	-4.181203	
0.50000	0.105017	0.043486	-0.005606
2.28E-05	-0.013787	-4.235263	
0.75000	0.105017	0.043486	-0.005606
2.28E-05	-0.006818	-4.289323	
1.00000	0.105017	0.043486	-0.005606
2.28E-05	0.000150	-4.343383	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105017	0.043486	0.053118
2.28E-05	0.125537	4.127144	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.105017	0.043486	0.053118
2.28E-05	0.059504	4.181203	
0.50000	0.105017	0.043486	0.053118
2.28E-05	0.013787	4.235263	
0.75000	0.105017	0.043486	0.053118
2.28E-05	0.060814	4.289323	
1.00000	0.105017	0.043486	0.053118
2.28E-05	0.128357	4.343383	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.105017	-0.043486	-0.054332
-2.28E-05	-0.141814	-4.127144	
0.25000	-0.105017	-0.043486	-0.054332
-2.28E-05	-0.074271	-4.181203	
0.50000	-0.105017	-0.043486	-0.054332
-2.28E-05	-0.013787	-4.235263	
0.75000	-0.105017	-0.043486	-0.054332
-2.28E-05	-0.072563	-4.289323	
1.00000	-0.105017	-0.043486	-0.054332
-2.28E-05	-0.138596	-4.343383	

ELEM 436 ========== LENGTH = 4.972683

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001162	0.000747	0.000927
-2.04E-07	0.002423	0.037761	
0.25000	0.001162	0.000747	0.000927
-2.04E-07	0.001270	0.036832	
0.50000	0.001162	0.000747	0.000927
-2.04E-07	0.000118	0.035903	
0.75000	0.001162	0.000747	0.000927
-2.04E-07	-0.001035	0.034974	
1.00000	0.001162	0.000747	0.000927
-2.04E-07	-0.002187	0.034045	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000969	-0.004168	-0.003043
1.08E-06	-0.008227	-0.208492	
0.25000	0.000969	-0.004168	-0.003043
1.08E-06	-0.004444	-0.203310	
0.50000	0.000969	-0.004168	-0.003043
1.08E-06	-0.000660	-0.198128	
0.75000	0.000969	-0.004168	-0.003043
1.08E-06	0.003123	-0.192946	
1.00000	0.000969	-0.004168	-0.003043
1.08E-06	0.006906	-0.187764	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006160	0.015232	0.008932
-3.88E-06	0.024656	0.760024	
0.25000	-0.006160	0.015232	0.008932
-3.88E-06	0.013552	0.741088	
0.50000	-0.006160	0.015232	0.008932
-3.88E-06	0.002448	0.722151	
0.75000	-0.006160	0.015232	0.008932
-3.88E-06	-0.008656	0.703215	
1.00000	-0.006160	0.015232	0.008932
-3.88E-06	-0.019760	0.684278	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.015345	-0.050473	-0.036029
1.08E-05	-0.097935	-2.573840	
0.25000	0.015345	-0.050473	-0.036029
1.08E-05	-0.053145	-2.511093	
0.50000	0.015345	-0.050473	-0.036029
1.08E-05	-0.008356	-2.448347	
0.75000	0.015345	-0.050473	-0.036029
1.08E-05	0.036434	-2.385600	
1.00000	0.015345	-0.050473	-0.036029
1.08E-05	0.081223	-2.322854	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088367	0.074191	-0.037818
-2.23E-05	-0.082801	3.549258	
0.25000	-0.088367	0.074191	-0.037818
-2.23E-05	-0.035787	3.457025	
0.50000	-0.088367	0.074191	-0.037818
-2.23E-05	0.011227	3.364793	
0.75000	-0.088367	0.074191	-0.037818
-2.23E-05	0.058240	3.272561	
1.00000	-0.088367	0.074191	-0.037818
-2.23E-05	0.105254	3.180328	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077051	-0.035530	0.067031
1.45E-05	0.161885	-1.564711	
0.25000	0.077051	-0.035530	0.067031
1.45E-05	0.078555	-1.520542	
0.50000	0.077051	-0.035530	0.067031
1.45E-05	-0.004776	-1.476372	
0.75000	0.077051	-0.035530	0.067031
1.45E-05	-0.088107	-1.432203	
1.00000	0.077051	-0.035530	0.067031
1.45E-05	-0.171437	-1.388034	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093365	0.090171	-0.027959
-2.63E-05	-0.055723	4.347043	
0.25000	-0.093365	0.090171	-0.027959
-2.63E-05	-0.020965	4.234945	
0.50000	-0.093365	0.090171	-0.027959
-2.63E-05	0.013792	4.122847	
0.75000	-0.093365	0.090171	-0.027959
-2.63E-05	0.048550	4.010749	
1.00000	-0.093365	0.090171	-0.027959
-2.63E-05	0.083307	3.898651	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093365	-0.090171	0.027959
2.63E-05	0.055723	-4.347043	
0.25000	0.093365	-0.090171	0.027959
2.63E-05	0.020965	-4.234945	
0.50000	0.093365	-0.090171	0.027959
2.63E-05	-0.013792	-4.122847	
0.75000	0.093365	-0.090171	0.027959
2.63E-05	-0.048550	-4.010749	
1.00000	0.093365	-0.090171	0.027959
2.63E-05	-0.083307	-3.898651	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093365	0.090171	0.067031
2.63E-05	0.161885	4.347043	
0.25000	0.093365	0.090171	0.067031
2.63E-05	0.078555	4.234945	
0.50000	0.093365	0.090171	0.067031
2.63E-05	0.013792	4.122847	
0.75000	0.093365	0.090171	0.067031
2.63E-05	0.058240	4.010749	
1.00000	0.093365	0.090171	0.067031
2.63E-05	0.105254	3.898651	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093365	-0.090171	-0.037818
-2.63E-05	-0.097935	-4.347043	
0.25000	-0.093365	-0.090171	-0.037818
-2.63E-05	-0.053145	-4.234945	
0.50000	-0.093365	-0.090171	-0.037818
-2.63E-05	-0.013792	-4.122847	
0.75000	-0.093365	-0.090171	-0.037818
-2.63E-05	-0.088107	-4.010749	
1.00000	-0.093365	-0.090171	-0.037818
-2.63E-05	-0.171437	-3.898651	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 437 ========== LENGTH = 4.972882

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000669	0.000333	0.000683
-1.15E-07	0.001803	0.033805	
0.25000	0.000669	0.000333	0.000683
-1.15E-07	0.000955	0.033391	
0.50000	0.000669	0.000333	0.000683
-1.15E-07	0.000106	0.032976	
0.75000	0.000669	0.000333	0.000683
-1.15E-07	-0.000743	0.032562	
1.00000	0.000669	0.000333	0.000683
-1.15E-07	-0.001592	0.032148	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001927	-0.001914	-0.001619
7.21E-07	0.004821	-0.113777	
0.25000	0.001927	-0.001914	-0.001619
7.21E-07	-0.002609	-0.184697	
0.50000	0.001927	-0.001914	-0.001619
7.21E-07	-0.000596	-0.182317	
0.75000	0.001927	-0.001914	-0.001619
7.21E-07	0.001416	-0.179937	
1.00000	0.001927	-0.001914	-0.001619
7.21E-07	0.003428	-0.177557	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009198	0.007058	0.003501
-2.73E-06	0.010918	0.682462	
0.25000	-0.009198	0.007058	0.003501
-2.73E-06	0.006565	0.673687	
0.50000	-0.009198	0.007058	0.003501
-2.73E-06	0.002212	0.664912	
0.75000	-0.009198	0.007058	0.003501
-2.73E-06	-0.002141	0.656137	
1.00000	-0.009198	0.007058	0.003501
-2.73E-06	-0.006494	0.647363	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014578	-0.023249	-0.017017
8.65E-06	-0.049821	-2.315086	
0.25000	0.014578	-0.023249	-0.017017
8.65E-06	-0.028665	-2.286183	
0.50000	0.014578	-0.023249	-0.017017
8.65E-06	-0.007509	-2.257279	
0.75000	0.014578	-0.023249	-0.017017
8.65E-06	0.013647	-2.228375	
1.00000	0.014578	-0.023249	-0.017017
8.65E-06	0.034803	-2.199471	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072946	0.037043	-0.063746
-2.05E-05	-0.148311	3.195762	
0.25000	-0.072946	0.037043	-0.063746
-2.05E-05	-0.069060	3.149709	
0.50000	-0.072946	0.037043	-0.063746
-2.05E-05	0.010190	3.103657	
0.75000	-0.072946	0.037043	-0.063746
-2.05E-05	0.089441	3.057605	
1.00000	-0.072946	0.037043	-0.063746
-2.05E-05	0.168691	3.011553	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064970	-0.019271	0.078198
1.40E-05	0.190032	-1.409866	
0.25000	0.064970	-0.019271	0.078198
1.40E-05	0.092815	-1.385908	
0.50000	0.064970	-0.019271	0.078198
1.40E-05	-0.004402	-1.361950	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.064970	-0.019271	0.078198
1.40E-05	-0.101620	-1.337993	
1.00000	0.064970	-0.019271	0.078198
1.40E-05	-0.198837	-1.314035	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081476	0.044434	-0.059562
-2.33E-05	-0.135590	3.912029	
0.25000	-0.081476	0.044434	-0.059562
-2.33E-05	-0.061541	3.856787	
0.50000	-0.081476	0.044434	-0.059562
-2.33E-05	0.012508	3.801546	
0.75000	-0.081476	0.044434	-0.059562
-2.33E-05	0.086557	3.746305	
1.00000	-0.081476	0.044434	-0.059562
-2.33E-05	0.160605	3.691063	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.081476	-0.044434	0.059562
2.33E-05	0.135590	-3.912029	
0.25000	0.081476	-0.044434	0.059562
2.33E-05	0.061541	-3.856787	
0.50000	0.081476	-0.044434	0.059562
2.33E-05	-0.012508	-3.801546	
0.75000	0.081476	-0.044434	0.059562
2.33E-05	-0.086557	-3.746305	
1.00000	0.081476	-0.044434	0.059562
2.33E-05	-0.160605	-3.691063	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.081476	0.044434	0.078198
2.33E-05	0.190032	3.912029	
0.25000	0.081476	0.044434	0.078198
2.33E-05	0.092815	3.856787	
0.50000	0.081476	0.044434	0.078198
2.33E-05	0.012508	3.801546	
0.75000	0.081476	0.044434	0.078198
2.33E-05	0.089441	3.746305	
1.00000	0.081476	0.044434	0.078198
2.33E-05	0.168691	3.691063	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081476	-0.044434	-0.063746
-2.33E-05	-0.148311	-3.912029	
0.25000	-0.081476	-0.044434	-0.063746
-2.33E-05	-0.069060	-3.856787	
0.50000	-0.081476	-0.044434	-0.063746
-2.33E-05	-0.012508	-3.801546	
0.75000	-0.081476	-0.044434	-0.063746
-2.33E-05	-0.101620	-3.746305	
1.00000	-0.081476	-0.044434	-0.063746
-2.33E-05	-0.198837	-3.691063	

ELEM 438 ========== LENGTH = 4.973396

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000224	0.000953	0.000464
-2.86E-08	0.001249	0.031978	
0.25000	0.000224	0.000953	0.000464
-2.86E-08	0.000672	0.030793	
0.50000	0.000224	0.000953	0.000464
-2.86E-08	9.54E-05	0.029607	
0.75000	0.000224	0.000953	0.000464
-2.86E-08	-0.000481	0.028422	
1.00000	0.000224	0.000953	0.000464
-2.86E-08	-0.001058	0.027236	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003085	-0.005388	-0.000343
3.07E-07	-0.001389	-0.177279	
0.25000	0.003085	-0.005388	-0.000343
3.07E-07	-0.000963	-0.170580	
0.50000	0.003085	-0.005388	-0.000343
3.07E-07	-0.000536	-0.163881	
0.75000	0.003085	-0.005388	-0.000343
3.07E-07	-0.000110	-0.157183	
1.00000	0.003085	-0.005388	-0.000343
3.07E-07	0.000316	-0.150484	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013092	0.019785	-0.001355
-1.29E-06	-0.001383	0.647103	
0.25000	-0.013092	0.019785	-0.001355
-1.29E-06	-0.000302	0.622293	
0.50000	-0.013092	0.019785	-0.001355
-1.29E-06	0.001988	0.597902	
0.75000	-0.013092	0.019785	-0.001355
-1.29E-06	0.003673	0.573302	
1.00000	-0.013092	0.019785	-0.001355
-1.29E-06	0.005358	0.548702	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012568	-0.067078	-0.000151
4.62E-06	-0.007089	-2.197066	
0.25000	0.012568	-0.067078	-0.000151
4.62E-06	-0.006901	-2.113665	
0.50000	0.012568	-0.067078	-0.000151
4.62E-06	-0.006712	-2.030264	
0.75000	0.012568	-0.067078	-0.000151
4.62E-06	-0.006524	-1.946863	
1.00000	0.012568	-0.067078	-0.000151
4.62E-06	-0.006336	-1.863463	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.055130	0.097638	-0.086748
-1.56E-05	-0.206639	3.034268	
0.25000	-0.055130	0.097638	-0.086748
-1.56E-05	-0.098781	2.912869	
0.50000	-0.055130	0.097638	-0.086748
-1.56E-05	0.009077	2.791471	
0.75000	-0.055130	0.097638	-0.086748
-1.56E-05	0.116935	2.670073	
1.00000	-0.055130	0.097638	-0.086748
-1.56E-05	0.224793	2.548675	

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.052346	-0.045912	0.088134	1.20E-05	0.215250	-1.339004	0.25000
0.052346	-0.045912	0.088134	1.20E-05	0.105669	-1.281920	0.50000	0.052346
-0.045912	0.088134	1.20E-05	-0.003912	-1.224835	0.75000	0.052346	-0.045912
0.088134	1.20E-05	-0.113493	-1.167751	1.00000	0.052346	-0.045912	0.088134
1.20E-05	-0.223074	-1.110666					

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.067998	0.118377	-0.087640	-1.69E-05	-0.206773	3.713349	0.25000
-0.067998	0.118377	-0.087640	-1.69E-05	-0.097806	3.566165	0.50000	-0.067998
0.118377	-0.087640	-1.69E-05	0.011160	3.418981	0.75000	-0.067998	0.118377
-0.087640	-1.69E-05	0.120127	3.271797	1.00000	-0.067998	0.118377	-0.087640
-1.69E-05	0.229093	3.124613					

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
836

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.067998	-0.118377	0.087640	1.69E-05	0.206773	-3.713349	0.25000
0.067998	-0.118377	0.087640	1.69E-05	0.097806	-3.566165	0.50000	0.067998
-0.118377	0.087640	1.69E-05	-0.011160	-3.418981	0.75000	0.067998	-0.118377
0.087640	1.69E-05	-0.120127	-3.271797	1.00000	0.067998	-0.118377	0.087640
1.69E-05	-0.229093	-3.124613					

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.067998	0.118377	0.088134	1.69E-05	0.215250	3.713349	0.25000
0.067998	0.118377	0.088134	1.69E-05	0.105669	3.566165	0.50000	0.067998
0.118377	0.088134	1.69E-05	0.011160	3.418981	0.75000	0.067998	0.118377
0.088134	1.69E-05	0.120127	3.271797	1.00000	0.067998	0.118377	0.088134
1.69E-05	0.229093	3.124613					

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.067998	-0.118377	-0.087640	-1.69E-05	-0.206773	-3.713349	0.25000
-0.067998	-0.118377	-0.087640	-1.69E-05	-0.098781	-3.566165	0.50000	-0.067998
-0.118377	-0.087640	-1.69E-05	-0.011160	-3.418981	0.75000	-0.067998	-0.118377
-0.087640	-1.69E-05	-0.120127	-3.271797	1.00000	-0.067998	-0.118377	-0.087640
-1.69E-05	-0.229093	-3.124613					

ELEM 439 ========== LENGTH = 4.972843

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.000250	0.000953	0.000275	3.98E-08	0.000763	0.027125	0.25000
0.000953	0.000275	3.98E-08	0.000421	0.025939	0.50000	-0.000250	0.000953
0.000275	3.98E-08	7.93E-05	0.024754	0.75000	-0.000250	0.000953	0.000275
3.98E-08	-0.000262	0.023569	1.00000	-0.000250	0.000953	0.000275	3.98E-08
-0.000604	0.022384						

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.004643	-0.005409	0.000755	-4.66E-08	0.001431	-0.150537	0.25000
0.004643	-0.005409	0.000755	-4.66E-08	0.000493	-0.143813	0.50000	0.004643
-0.005409	0.000755	-4.66E-08	-0.000446	-0.137089	0.75000	0.004643	-0.005409
0.000755	-4.66E-08	-0.001384	-0.130365	1.00000	0.004643	-0.005409	0.000755
-4.66E-08	-0.002322	-0.123641					

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.018415	0.019895	-0.005529	-2.56E-08	-0.012096	0.549699	0.25000
-0.018415	0.019895	-0.005529	-2.56E-08	-0.005223	0.524965	0.50000	-0.018415
0.019895	-0.005529	-2.56E-08	0.001651	0.500232			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
837

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.75000	-0.018415	0.019895	-0.005529	-2.56E-08	0.475498	1.00000	-0.018415
0.019895	-0.005529	-2.56E-08	0.015398	0.450764			

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.008247	-0.067892	0.014258	7.16E-07	0.029902	-1.865576	0.25000
0.008247	-0.067892	0.014258	7.16E-07	0.012177	-1.781171	0.50000	0.008247
-0.067892	0.014258	7.16E-07	-0.005548	-1.696767	0.75000	0.008247	-0.067892
0.014258	7.16E-07	-0.023273	-1.612362	1.00000	0.008247	-0.067892	0.014258
7.16E-07	-0.040998	-1.527958					

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.029088	0.099040	-0.106356	-1.06E-05	-0.256960	2.577647	0.25000
-0.029088	0.099040	-0.106356	-1.06E-05	-0.124736	2.454519	0.50000	-0.029088
0.099040	-0.106356	-1.06E-05	0.007487	2.331391	0.75000	-0.029088	0.099040
-0.106356	-1.06E-05	0.139710	2.208263	1.00000	-0.029088	0.099040	-0.106356
-1.06E-05	0.271934	2.085135					

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.034864	-0.046587	0.096598	9.96E-06	0.236960	-1.138357	0.25000
0.034864	-0.046587	0.096598	9.96E-06	0.116868	-1.080439	0.50000	0.034864
-0.046587	0.096598	9.96E-06	-0.003223	-1.022521	0.75000	0.034864	-0.046587
0.096598	9.96E-06	-0.123315	-0.964603	1.00000	0.034864	-0.046587	0.096598
9.96E-06	-0.243407	-0.906685					

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.047753	0.119889	-0.111610	-1.06E-05	-0.268294	3.154470	0.25000
-0.047753	0.119889	-0.111610	-1.06E-05	-0.129538	3.005424	0.50000	-0.047753
0.119889	-0.111610	-1.06E-05	0.009217	2.856377	0.75000	-0.047753	0.119889
-0.111610	-1.06E-05	0.147972	2.707330	1.00000	-0.047753	0.119889	-0.111610
-1.06E-05	0.286727	2.558283					

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.047753	-0.119889	0.111610	1.06E-05	0.268294	-3.154470	0.25000
0.047753	-0.119889	0.111610	1.06E-05	0.129538	-3.005424	0.50000	0.047753
-0.119889	0.111610	1.06E-05	-0.009217	-2.856377	0.75000	0.047753	-0.119889
0.111610	1.06E-05	-0.147972	-2.707330	1.00000	0.047753	-0.119889	0.111610
1.06E-05	-0.286727	-2.558283					

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.047753	0.119889	0.111610	1.06E-05	0.268294	3.154470	0.25000
0.047753	0.119889	0.111610	1.06E-05	0.129538	3.005424	0.50000	0.047753
0.119889	0.111610	1.06E-05	0.009217	2.856377	0.75000	0.047753	0.119889
0.111610	1.06E-05	0.147972	2.707330	1.00000	0.047753	0.119889	0.111610
1.06E-05	0.286727	2.558283					

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
838

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.25000	0.047753	0.119889	0.111610	1.06E-05	0.129538	3.005424	0.50000
0.047753	0.119889	0.111610	1.06E-05	0.009217	2.856377	0.75000	0.047753
0.119889	0.111610	1.06E-05	0.147972	2.707330	1.00000	0.047753	0.119889
0.111610	1.06E-05	0.286727	2.558283				

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.047753	-0.119889	-0.111610	-1.06E-05	-0.268294	-3.154470	0.25000
-0.047753	-0.119889	-0.111610	-1.06E-05	-0.129538	-3.005424	0.50000	-0.047753
-0.119889	-0.111610	-1.06E-05	-0.009217	-2.856377	0.75000	-0.047753	-0.119889
-0.111610	-1.06E-05	-0.147972	-2.707330	1.00000	-0.047753	-0.119889	-0.111610
-1.06E-05	-0.286727	-2.558283					

ELEM 440 ========== LENGTH = 4.972517

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.000797	0.000974	0.000123	9.73E-08	0.000369	0.022322	0.25000
0.000974	0.000123	9.73E-08	0.000797	0.022014	0.50000	-0.000797	0.000974
0.000123	9.73E-08	0.000216	0.021111	0.75000	-0.000797	0.000974	0.000123
9.73E-08	6.33E-05	0.019901	1.00000	-0.000797	0.000974	0.000123	9.73E-08
-8.94E-05	0.018690	1.00000	-0.000797	0.000974	0.000123	9.73E-08	-0.000242
0.017479							

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.006747	-0.005536	0.001636	-3.52E-07	0.003712	-0.123985	0.25000
0.006747	-0.005536	0.001636	-3.52E-07	0.001679	-0.117102	0.50000	0.006747
-0.005536	0.001636	-3.52E-07	-0.000355	-0.110220	0.75000	0.006747	-0.005536
0.001636	-3.52E-07	-0.002388	-0.103338	1.00000	0.006747	-0.005536	0.001636
-3.52E-07	-0.004422	-0.096456					

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.025674	0.020379	-0.008877	1.07E-06	-0.020757	0.452869	0.25000
-0.025674	0.020379	-0.008877	1.07E-06	-0.009722	0.427535	0.50000	-0.025674
0.020379	-0.008877	1.07E-06	0.001314	0.402201	0.75000	-0.025674	0.020379
-0.008877	1.07E-06	0.012349	0.376867	1.00000	-0.025674	0.020379	-0.008877
1.07E-06	0.023385	0.351533					

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.000654	-0.069390	0.025889	-2.71E-06	0.059944	-1.534005	0.25000
0.000654	-0.069390	0.025889	-2.71E-06	0.027761	-1.447745	0.50000	0.000654
-0.069390	0.025889	-2.71E-06	-0.004422	-1.361485	0.75000	0.000654	-0.069390
0.025889	-2.71E-06	-0.036605	-1.275225	1.00000	0.000654	-0.069390	0.025889
-2.71E-06	-0.068788	-1.188965					

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
839

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.007128	0.101063	-0.122116	-6.42E-06	-0.297681	2.119518	0.25000
0.007128	0.101063	-0.122116	-6.42E-06	-0.145875	1.993883	0.50000	0.007128
0.101063	-0.122116	-6.42E-06	0.005932	1.868248	0.75000	0.007128	0.101063
-0.122116	-6.42E-06	0.157738	1.742613	1.00000	0.007128	0.101063	-0.122116
-6.42E-06	0.309544	1.616978					

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.011942	-0.047491	0.103346	8.31E-06	0.254414	-0.936719	0.25000
0.011942	-0.047491	0.103346	8.31E-06	0.125941	-0.877682	0.50000	0.011942
-0.047491	0.103346	8.31E-06	-0.002532	-0.818644	0.75000	0.011942	-0.047491
0.103346	8.31E-06	-0.131004	-0.759607	1.00000	0.011942	-0.047491	0.103346
8.31E-06	-0.259477	-0.700569					

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.019344	0.122417	-0.130871	-5.25E-06	-0.318069	2.594709	0.25000
-0.019344	0.122417	-0.130871	-5.25E-06	-0.155380	2.442529	0.50000	-0.019344
0.122417	-0.130871	-5.25E-06	0.007309	2.290350	0.75000	-0.019344	0.122417
-0.130871	-5.25E-06	0.169998	2.138170	1.00000	-0.019344	0.122417	-0.130871
-5.25E-06	0.332687	1.985990					

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.019344	-0.122417	0.130871	5.25E-06	0.318069	-2.594709	0.25000
0.019344	-0.122417	0.130871	5.25E-06	0.155380	-2.442529	0.50000	0.019344
-0.122417	0.130871	5.25E-06	-0.007309	-2.290350	0.75000	0.019344	-0.122417
0.130871	5.25E-06	-0.169998	-2.138170	1.00000	0.019344	-0.122417	0.130871
5.25E-06	-0.332687	-1.985990					

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.019344	0.122417	0.130871	8.31E-06	0.318069	2.594709	0.25000
0.019344	0.122417	0.130871	8.31E-06	0.155380	2.442529	0.50000	0.019344
0.122417	0.130871	8.31E-06	0.007309	2.290350	0.75000	0.019344	0.122417
0.130871	8.31E-06	0.169998	2.138170	1.00000	0.019344	0.122417	0.130871
8.31E-06	0.332687	1.985990					

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.025674	-0.122417	-0.130871	-6.42E-06	-0.318069	-2.594709	0.25000
-0.025674	-0.122417	-0.130871	-6.42E-06	-0.155380	-2.442529	0.50000	-0.025674
-0.122417	-0.130871	-6.42E-06	-0.007309	-2.290350	0.75000	-0.025674	-0.122417
-0.130871	-6.42E-06	-0.169998	-2.138170	1.00000	-0.025674	-0.122417	-0.130871
-6.42E-06	-0.332687	-1.985990					

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
840

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 441 ========== LENGTH = 4.972319

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.001408	0.000936	9.64E-06	1.61E-07	7.06E-05	0.017455	0.25000
0.000936	9.64E-06	1.61E-07	-0.001408	0.000936	9.64E-06	1.61E-07	5.87E-05
0.016293	0.50000	-0.001408	0.000936	9.64E-06	1.61E-07	4.67E-05	0.015130
0.75000	-0.001408	0.000936	9.64E-06	1.61E-07	3.47E-05	0.013967	1.00000
-0.001408	0.000936	9.64E-06	1.61E-07	2.27E-05	0.012804		

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.009325	-0.005335	0.002290	-6.87E-07	0.004634	-0.091525	0.25000
0.009325	-0.005335	0.002290	-6.87E-07	0.002587	-0.090393	0.50000	0.009325
-0.005335	0.002290	-6.87E-07	-0.000261	-0.083761	0.75000	0.009325	-0.005335
0.002290	-6.87E-07	-0.003108	-0.077130	1.00000	0.009325	-0.005335	0.002290
-6.87E-07	-0.005955	-0.070498					

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.034640	0.019663	-0.011366	2.28E-06	-0.027293	0.354493	0.25000
-0.034640	0.019663	-0.011366	2.28E-06	-0.013165	0.330050	0.50000	-0.034640
0.019663	-0.011366	2.28E-06	0.000963	0.305607	0.75000	-0.034640	0.019663
-0.011366	2.28E-06	0.015091	0.281165	1.00000	-0.034640	0.019663	-0.011366
2.28E-06	0.029220	0.256722					

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.009423	-0.068302	0.034862	-5.79E-06	0.083377	-1.198128	0.25000
-0.009423	-0.068302	0.034862	-5.79E-06	0.040041	-1.113222	0.50000	-0.009423
-0.068302	0.034862	-5.79E-06	-0.003295	-1.028317	0.75000	-0.009423	-0.068302
0.034862	-5.79E-06	-0.046630	-0.943411	1.00000	-0.009423	-0.068302	0.034862
-5.79E-06	-0.089966	-0.858506					

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.050646	0.100301	-0.134301	-3.42E-06	-0.329495	1.655645	0.25000
0.050646	0.100301	-0.134301	-3.42E-06	0.062548	1.530962	0.50000	0.050646
0.100301	-0.134301	-3.42E-06	0.004399	1.406280	0.75000	0.050646	0.100301
-0.134301	-3.42E-06	0.171346	1.281597	1.00000	0.050646	0.100301	-0.134301
-3.42E-06	0.338293	1.156915					

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.014500	-0.047263	0.108505	7.46E-06	0.267908	-0.732441	0.25000
-0.014500	-0.047263	0.108505	7.46E-06	0.133027	-0.673690	0.50000	-0.014500
-0.047263	0.108505	7.46E-06	-0.001853	-0.614939			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
841

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.75000	-0.014500	-0.047263	0.108505	7.46E-06	-0.136734	-0.556188	1.00000
-0.014500	-0.047263	0.108505	7.46E-06	-0.271614	-0.497437		

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.014598	0.120900	-0.145657	-9.81E-07	-0.356718	2.027593	0.25000
0.014598	0.120900	-0.145657	-9.81E-07	-0.175655	1.877305	0.50000	0.014598
0.120900	-0.145657	-9.81E-07	0.005409	1.727017	0.75000	0.014598	0.120900
-0.145657	-9.81E-07	0.186472	1.576729	1.00000	0.014598	0.120900	-0.145657
-9.81E-07	0.367535	1.426440					

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.014598	-0.120900	0.145657	9.81E-07	0.356718	-2.027593	0.25000
-0.014598	-0.120900	0.145657	9.81E-07	0.175655	-1.877305	0.50000	-0.014598
-0.120900	0.145657	9.81E-07	-0.005409	-1.727017	0.75000	-0.014598	-0.120900
0.145657	9.81E-07	-0.186472	-1.576729	1.00000	-0.014598	-0.120900	0.145657
9.81E-07	-0.367535	-1.426440					

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.050646	0.120900	0.145657	7.46E-06	0.356718	2.027593	0.25000
0.050646	0.120900	0.145657	7.46E-06	0.175655	1.877305	0.50000	0.050646
0.120900	0.145657	7.46E-06	0.005409	1.727017	0.75000	0.050646	0.120900
0.145657	7.46E-06	0.186472	1.576729	1.00000	0.050646	0.120900	0.145657
7.46E-06	0.367535	1.426440					

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.034640	-0.120900	-0.145657	-5.79E-06	-0.356718	-2.027593	0.25000
-0.034640	-0.120900	-0.145657	-5.79E-06	-0.175655	-1.877305	0.50000	-0.034640
-0.120900	-0.145657	-5.79E-06	-0.005409	-1.727017	0.75000	-0.034640	-0.120900
-0.145657	-5.79E-06	-0.186472	-1.576729	1.00000	-0.034640	-0.120900	-0.145657
-5.79E-06	-0.367535	-1.426440					

ELEM 442 ========== LENGTH = 4.973122

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.001930	0.000670	-6.78E-05	2.49E-07	-0.000134	0.012921	0.25000
0.000670	-6.78E-05	2.49E-07	-5.01E-05	0.011988	0.50000	-0.001930	0.000670
-6.78E-05	2.49E-07	3.42E-05	0.011155	0.75000	-0.001930	0.000670	-6.78E-05
2.49E-07	0.000118	0.010322	1.00000	-0.001930	0.000670	-6.78E-05	2.49E-07
0.000203	0.009488						

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
842

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.011493	-0.003857	0.002748	-1.15E-06	0.006633	-0.071299	0.25000
0.011493	-0.003857	0.002748	-1.15E-06	0.003216	-0.066504	0.50000	0.011493
-0.003857	0.002748	-1.15E-06	-0.000200	-0.061709	0.75000	0.011493	-0.003857
0.002748	-1.15E-06	-0.003617	-0.056914	1.00000	0.011493	-0.003857	0.002748
-1.15E-06	-0.007033	-0.052119					

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.042090	0.014262	-0.013118	3.91E-06	-0.031868	0.260555	0.25000
-0.042090	0.014262	-0.013118	3.91E-06	-0.015558	0.242823	0.50000	-0.042090
0.014262	-0.013118	3.91E-06	0.000752	0.225091	0.75000	-0.042090	0.014262
-0.013118	3.91E-06	0.017062	0.207359	1.00000	-0.042090	0.014262	-0.013118
3.91E-06	0.033371	0.189627					

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	-0.019899	-0.046688	0.041787	-7.79E-06	0.101253	-0.869973	0.25000
-0.019899	-0.046688	0.041787	-7.79E-06	0.049300	-0.811926	0.50000	-0.019899
-0.046688	0.041787	-7.79E-06	-0.002654	-0.753880	0.75000	-0.019899	-0.046688
0.041787	-7.79E-06	-0.054607	-0.695834	1.00000	-0.019899	-0.046688	0.041787
-7.79E-06	-0.106561	-0.637787					

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000	0.093336	0.068910	-0.144273	-3.44E-06	-0.354800	1.198205	0.25000
0.093336	0.068910	-0.144273	-3.44E-06	-0.175429	1.112530	0.50000	0.093336
0.068910	-0.144273	-3.44E-06	0.003942	1.026856	0.75000	0.093336	0.068910
-0.144273	-3.44E-06	0.183313	0.941182	1.00000	0.093336	0.068910	-0.144273
-3.44E-06	0.362685	0.855508					

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040910	-0.033298	0.112924
8.22E-06	0.278917	-0.530310	
0.25000	-0.040910	-0.033298	0.112924
8.22E-06	0.138522	-0.488912	
0.50000	-0.040910	-0.033298	0.112924
8.22E-06	-0.001874	-0.447513	
0.75000	-0.040910	-0.033298	0.112924
8.22E-06	-0.142270	-0.406115	
1.00000	-0.040910	-0.033298	0.112924
8.22E-06	-0.282665	-0.364717	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049317	0.083842	-0.157459
7.18E-07	-0.386803	1.471581	
0.25000	0.049317	0.083842	-0.157459
7.18E-07	-0.191038	1.367342	
0.50000	0.049317	0.083842	-0.157459
7.18E-07	0.004728	1.263102	
0.75000	0.049317	0.083842	-0.157459
7.18E-07	0.200493	1.158863	
1.00000	0.049317	0.083842	-0.157459
7.18E-07	0.396259	1.054623	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
843

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049317	-0.083842	0.157459
-7.18E-07	0.386803	-1.471581	
0.25000	-0.049317	-0.083842	0.157459
-7.18E-07	0.191038	-1.367342	
0.50000	-0.049317	-0.083842	0.157459
-7.18E-07	-0.004728	-1.263102	
0.75000	-0.049317	-0.083842	0.157459
-7.18E-07	-0.200493	-1.158863	
1.00000	-0.049317	-0.083842	0.157459
-7.18E-07	-0.396259	-1.054623	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.093336	0.083842	0.157459
8.22E-06	0.386803	1.471581	
0.25000	0.093336	0.083842	0.157459
8.22E-06	0.191038	1.367342	
0.50000	0.093336	0.083842	0.157459
8.22E-06	0.004728	1.263102	
0.75000	0.093336	0.083842	0.157459
8.22E-06	0.200493	1.158863	
1.00000	0.093336	0.083842	0.157459
8.22E-06	0.396259	1.054623	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.049317	-0.083842	-0.157459
-7.79E-06	-0.386803	-1.471581	
0.25000	-0.049317	-0.083842	-0.157459
-7.79E-06	-0.191038	-1.367342	
0.50000	-0.049317	-0.083842	-0.157459
-7.79E-06	-0.004728	-1.263102	
0.75000	-0.049317	-0.083842	-0.157459
-7.79E-06	-0.200493	-1.158863	
1.00000	-0.049317	-0.083842	-0.157459
-7.79E-06	-0.396259	-1.054623	

ELEM 443 ========== LENGTH = 4.972181

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001958	0.001043	-0.000104
4.39E-07	-0.000247	0.009516	
0.25000	-0.001958	0.001043	-0.000104
4.39E-07	-0.000117	0.008219	
0.50000	-0.001958	0.001043	-0.000104
4.39E-07	1.17E-05	0.006923	
0.75000	-0.001958	0.001043	-0.000104
4.39E-07	0.000141	0.005627	
1.00000	-0.001958	0.001043	-0.000104
4.39E-07	0.000270	0.004330	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011139	-0.005962	0.002791
-2.11E-06	0.007023	-0.052967	
0.25000	0.011139	-0.005962	0.002791
-2.11E-06	0.003554	-0.045556	
0.50000	0.011139	-0.005962	0.002791
-2.11E-06	8.56E-05	-0.038144	
0.75000	0.011139	-0.005962	0.002791
-2.11E-06	-0.003383	-0.030733	
1.00000	0.011139	-0.005962	0.002791
-2.11E-06	-0.006852	-0.023322	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040505	0.021992	-0.013095
7.29E-06	-0.033063	0.193632	
0.25000	-0.040505	0.021992	-0.013095
7.29E-06	-0.016785	0.166295	
0.50000	-0.040505	0.021992	-0.013095
7.29E-06	-0.000508	0.138957	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
844

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.040505	0.021992	-0.013095
7.29E-06	0.111620		
1.00000	-0.040505	0.021992	-0.013095
7.29E-06	0.032048	0.084282	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023576	-0.088504	0.042960
-8.98E-06	0.108433	-0.650725	
0.25000	-0.023576	-0.088504	0.042960
-8.98E-06	0.055032	-0.540710	
0.50000	-0.023576	-0.088504	0.042960
-8.98E-06	0.001631	-0.430695	
0.75000	-0.023576	-0.088504	0.042960
-8.98E-06	-0.051771	-0.320680	
1.00000	-0.023576	-0.088504	0.042960
-8.98E-06	-0.105172	-0.210665	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105864	0.134011	-0.139986
-9.85E-06	-0.355836	0.898736	
0.25000	0.105864	0.134011	-0.139986
-9.85E-06	-0.181827	0.732155	
0.50000	0.105864	0.134011	-0.139986
-9.85E-06	-0.007819	0.565573	
0.75000	0.105864	0.134011	-0.139986
-9.85E-06	0.166189	0.398992	
1.00000	0.105864	0.134011	-0.139986
-9.85E-06	0.340198	0.232410	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.050963	-0.062579	0.107434
1.32E-05	0.273689	-0.398193	
0.25000	-0.050963	-0.062579	0.107434
1.32E-05	0.140144	-0.320404	
0.50000	-0.050963	-0.062579	0.107434
1.32E-05	0.006598	-0.242615	
0.75000	-0.050963	-0.062579	0.107434
1.32E-05	-0.126947	-0.164826	
1.00000	-0.050963	-0.062579	0.107434
1.32E-05	-0.260492	-0.087036	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063401	0.157046	-0.153185
-2.11E-06	-0.389145	1.101884	
0.25000	0.063401	0.157046	-0.153185
-2.11E-06	-0.198730	0.906669	
0.50000	0.063401	0.157046	-0.153185
-2.11E-06	-0.008315	0.711454	
0.75000	0.063401	0.157046	-0.153185
-2.11E-06	0.182101	0.516238	
1.00000	0.063401	0.157046	-0.153185
-2.11E-06	0.372516	0.321023	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063401	-0.157046	0.153185
2.11E-06	0.389145	-1.101884	
0.25000	-0.063401	-0.157046	0.153185
2.11E-06	0.198730	-0.906669	
0.50000	-0.063401	-0.157046	0.153185
2.11E-06	0.008315	-0.711454	
0.75000	-0.063401	-0.157046	0.153185
2.11E-06	-0.182101	-0.516238	
1.00000	-0.063401	-0.157046	0.153185
2.11E-06	-0.372516	-0.321023	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.105864	0.157046	0.153185
1.32E-05	0.389145	1.101884	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
845

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.105864	0.157046	0.153185
1.32E-05	0.198730	0.906669	
0.50000	0.105864	0.157046	0.153185
1.32E-05	0.008315	0.711454	
0.75000	0.105864	0.157046	0.153185
1.32E-05	0.182101	0.516238	
1.00000	0.105864	0.157046	0.153185
1.32E-05	0.372516	0.321023	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063401	-0.157046	-0.153185
-9.85E-06	-0.389145	-1.101884	
0.25000	-0.063401	-0.157046	-0.153185
-9.85E-06	-0.198730	-0.906669	
0.50000	-0.063401	-0.157046	-0.153185
-9.85E-06	-0.008315	-0.711454	
0.75000	-0.063401	-0.157046	-0.153185
-9.85E-06	-0.182101	-0.516238	
1.00000	-0.063401	-0.157046	-0.153185
-9.85E-06	-0.372516	-0.321023	

ELEM 444 ========== LENGTH = 2.760534

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001082	0.001606	-0.000400
7.41E-07	-0.000526	0.004398	
0.25000	-0.001082	0.001606	-0.000400
7.41E-07	-0.000250	0.003290	
0.50000	-0.001082	0.001606	-0.000400
7.41E-07	2.65E-05	0.002181	
0.75000	-0.001082	0.001606	-0.000400
7.41E-07	0.000303	0.001073	
1.00000	-0.001082	0.001606	-0.000400
7.41E-07	0.000579	-3.60E-05	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006101	-0.009213	0.009552
-3.59E-06	0.012686	-0.024602	
0.25000	0.006101	-0.009213	0.009552
-3.59E-06	0.006094	-0.018244	
0.50000	0.006101	-0.009213	0.009552
-3.59E-06	-0.000498	-0.011886	
0.75000	0.006101	-0.009213	0.009552
-3.59E-06	-0.007090	-0.005528	
1.00000	0.006101	-0.009213	0.009552
-3.59E-06	-0.013682	0.000830	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.022155	0.034053	-0.044533
1.25E-05	-0.059188	0.090145	
0.25000	-0.022155	0.034053	-0.044533
1.25E-05	-0.028454	0.066644	
0.50000	-0.022155	0.034053	-0.044533
1.25E-05	0.002280	0.043142	
0.75000	-0.022155	0.034053	-0.044533
1.25E-05	0.033014	0.019641	
1.00000	-0.022155	0.034053	-0.044533
1.25E-05	0.063748	-0.003860	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.013434	-0.087469	0.148286
-1.15E-05	0.197317	-0.228708	
0.25000	-0.013434	-0.087469	0.148286
-1.15E-05	0.094980	-0.168343	
0.50000	-0.013434	-0.087469	0.148286
-1.15E-05	-0.007357	-0.107978	
0.75000	-0.013434	-0.087469	0.148286
-1.15E-05	-0.109694	-0.047613	
1.00000	-0.013434	-0.087469	0.148286
-1.15E-05	-0.212032	0.012752	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
846

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.059782	0.119574	-0.471874
-2.07E-05	-0.628490	0.289566	
0.25000	0.059782	0.119574	-0.471874
-2.07E-05	-0.302834	0.207045	
0.50000	0.059782	0.119574	-0.471874
-2.07E-05	0.022822	0.124523	
0.75000	0.059782	0.119574	-0.471874
-2.07E-05	0.348478	0.042001	
1.00000	0.059782	0.119574	-0.471874
-2.07E-05	0.674133	-0.040521	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.029212	-0.058552	0.358970
2.26E-05	0.478201	-0.158552	
0.25000	-0.029212	-0.058552	0.358970
2.26E-05	0.230464	-0.090391	
0.50000	-0.029212	-0.058552	0.358970
2.26E-05	-0.017273	-0.049982	
0.75000	-0.029212	-0.058552	0.358970
2.26E-05	-0.265010	-0.009574	
1.00000	-0.029212	-0.058552	0.358970
2.26E-05	-0.512747	0.030835	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036545	0.155233	-0.516807
-7.48E-06	-0.688204	0.384110	
0.25000	0.036545	0.155233	-0.516807
-7.48E-06	-0.331538	0.276978	
0.50000	0.036545	0.155233	-0.516807
-7.48E-06	0.025128	0.169846	
0.75000	0.036545	0.155233	-0.516807
-7.48E-06	0.381794	0.062715	
1.00000	0.036545	0.155233	-0.516807
-7.48E-06	0.738460	-0.044417	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036545	-0.155233	0.516807
7.48E-06	0.688204	-0.384110	
0.25000	-0.036545	-0.155233	0.516807
7.48E-06	0.331538	-0.276978	
0.50000	-0.036545	-0.155233	0.516807
7.48E-06	0.025128	-0.169846	
0.75000	-0.036545	-0.155233	0.516807
7.48E-06	-0.381794	-0.062715	
1.00000	-0.036545	-0.155233	0.516807
7.48E-06	-0.738460	0.044417	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.059782	0.155233	0.516807
2.26E-05	0.688204	0.384110	
0.25000	0.059782	0.155233	0.516807
2.26E-05	0.331538	0.276978	
0.50000	0.059782	0.155233	0.516807
2.26E-05	0.025128	0.169846	
0.75000	0.059782	0.155233	0.516807
2.26E-05	0.381794	0.062715	
1.00000	0.059782	0.155233	0.516807
2.26E-05	0.738460	0.044417	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036545	-0.155233	-0.516807
-2.07E-05	-0.688204	-0.384110	
0.25000	-0.036545	-0.155233	-0.516807
-2.07E-05	-0.331538	-0.276978	
0.50000	-0.036545	-0.155233	-0.516807
-2.07E-05	-0.025128	-0.169846	
0.75000	-0.036545	-0.155233	-0.516807
-2.07E-05	-0.381794	-0.062715	
1.00000	-0.036545	-0.155233	-0.516807
-2.07E-05	-0.738460	-0.044417	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
847

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 445 ========== LENGTH = 2.743418

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005214	0.074111	-0.353012
-4.19E-06	-0.501277	0.029731	
0.25000	-0.005214	0.074111	-0.353012
-4.19E-06	-0.259162	-0.021098	
0.50000	-0.005214	0.074111	-0.353012
-4.19E-06	-0.017048	-0.071927	
0.75000	-0.005214	0.074111	-0.353012
-4.19E-06	0.225067	-0.122756	
1.00000	-0.005214	0.074111	-0.353012
-4.19E-06	0.467181	-0.173585	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006262	-0.146231	0.486994
-1.04E-05	0.691685	-0.041182	
0.25000	0.006262	-0.146231	0.486994
-1.04E-05	0.357679	0.059112	
0.50000	0.006262	-0.146231	0.486994
-1.04E-05	0.023672	0.159405	
0.75000	0.006262	-0.146231	0.486994
-1.04E-05	-0.310335	0.259698	
1.00000	0.006262	-0.146231	0.486994
-1.04E-05	-0.644342	0.359991	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002965	0.090797	-0.167178
1.63E-05	-0.237609	0.014499	
0.25000	-0.002965	0.090797	-0.167178
1.63E-05	-0.122949	-0.047775	
0.50000	-0.002965	0.090797	-0.167178
1.63E-05	-0.008290	-0.110049	
0.75000	-0.002965	0.090797	-0.167178
1.63E-05	0.106370	-0.172322	
1.00000	-0.002965	0.090797	-0.167178
1.63E-05	0.221029	-0.234596	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	8.18E-05	-0.026782	0.038362
-7.45E-06	0.054537	-0.003281	
0.25000	8.18E-05	-0.026782	0.038362
-7.45E-06	0.028226	0.015087	
0.50000	8.18E-05	-0.026782	0.038362
-7.45E-06	0.001915	0.033456	
0.75000	8.18E-05	-0.026782	0.038362
-7.45E-06	-0.024396	0.051824	
1.00000	8.18E-05	-0.026782	0.038362
-7.45E-06	-0.050706	0.070192	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002241	0.009883	-0.006333
7.00E-06	-0.008992	0.000287	
0.25000	0.002241	0.009883	-0.006333
7.00E-06	-0.004649	-0.006491	
0.50000	0.002241	0.009883	-0.006333
7.00E-06	-0.000306	-0.013269	
0.75000	0.002241	0.009883	-0.006333
7.00E-06	0.004038	-0.020048	
1.00000	0.002241	0.009883	-0.006333
7.00E-06	0.008381	-0.026826	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000407	-0.001778	0.001166
-1.26E-06	0.001656	-5.40E-05	
0.25000	-0.000407	-0.001778	0.001166
-1.26E-06	0.000856	0.001165	
0.50000	-0.000407	-0.001778	0.001166
-1.26E-06	5.63E-05	0.002385	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
848

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.000407	-0.001778	0.001166
-1.26E-06	-0.000743	0.003604	
1.00000	-0.000407	-0.001778	0.001166
-1.26E-06	-0.001543	0.004824	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005937	0.174791	-0.526522
1.91E-05	-0.747878	0.044517	
0.25000	-0.005937	0.174791	-0.526522
1.91E-05	-0.386760	-0.075364	
0.50000	-0.005937	0.174791	-0.526522
1.91E-05	-0.025643	-0.195245	
0.75000	-0.005937	0.174791	-0.526522
1.91E-05	0.335474	-0.315126	
1.00000	-0.005937	0.174791	-0.526522
1.91E-05	0.696592	-0.435007	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005937	-0.174791	0.526522
-1.91E-05	0.747878	-0.044517	
0.25000	0.005937	-0.174791	0.526522
-1.91E-05	0.386760	0.075364	
0.50000	0.005937	-0.174791	0.526522
-1.91E-05	0.025643	0.195245	
0.75000	0.005937	-0.174791	0.526522
-1.91E-05	-0.335474	0.315126	
1.00000	0.005937	-0.174791	0.526522
-1.91E-05	-0.696592	0.435007	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006262	0.174791	0.526522
1.91E-05	0.747878	0.044517	
0.25000	0.006262	0.174791	0.526522
1.91E-05	0.386760	0.075364	
0.50000	0.006262	0.174791	0.526522
1.91E-05	0.025643	0.195245	
0.75000	0.006262	0.174791	0.526522
1.91E-05	0.335474	0.315126	
1.00000	0.006262	0.174791	0.526522
1.91E-05	0.696592	0.435007	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005937	-0.174791	-0.526522
-1.91E-05	-0.747878	-0.044517	
0.25000	-0.005937	-0.174791	-0.526522
-1.91E-05	-0.386760	-0.075364	
0.50000	-0.005937	-0.174791	-0.526522
-1.91E-05	-0.025643	-0.195245	
0.75000	-0.005937	-0.174791	-0.526522
-1.91E-05	-0.335474	-0.315126	
1.00000	-0.005937	-0.174791	-0.526522
-1.91E-05	-0.696592	-0.435007	

ELEM 446 ========== LENGTH = 4.943032

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012090	0.055891	-0.106357
-5.97E-06	-0.256228	-0.130223	
0.25000	-0.012090	0.055891	-0.106357
-5.97E-06	-0.124796	-0.199291	
0.50000	-0.012090	0.055891	-0.106357
-5.97E-06	0.006635	-0.268358	
0.75000	-0.012090	0.055891	-0.106357
-5.97E-06	0.138067	-0.337425	
1.00000	-0.012090	0.055891	-0.106357
-5.97E-06	0.269498	-0.406493	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
849

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014683	-0.121391	0.145682
-3.07E-06	0.351681	0.300276	
0.25000	0.014683	-0.121391	0.145682
-3.07E-06	0.171653	0.450286	
0.50000	0.014683	-0.121391	0.145682
-3.07E-06	0.008375	0.600297	
0.75000	0.014683	-0.121391	0.145682
-3.07E-06	-0.188402	0.750307	
1.00000	0.014683	-0.121391	0.145682
-3.07E-06	-0.368430	0.900317	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005756	0.085334	-0.048701
1.17E-05	-0.118325	-0.214227	
0.25000	-0.005756	0.085334	-0.048701
1.17E-05	-0.058141	-0.319679	
0.50000	-0.005756	0.085334	-0.048701
1.17E-05	0.002042	-0.425131	
0.75000	-0.005756	0.085334	-0.048701
1.17E-05	0.062225	-0.530583	
1.00000	-0.005756	0.085334	-0.048701
1.17E-05	0.122408	-0.636035	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000379	-0.024567	0.011158
-4.72E-06	0.027174	0.065520	
0.25000	0.000379	-0.024567	0.011158
-4.72E-06	0.013385	0.095879	
0.50000	0.000379	-0.024567	0.011158
-4.72E-06	-0.000404	0.126237	
0.75000	0.000379	-0.024567	0.011158
-4.72E-06	-0.014193	0.156596	
1.00000	0.000379	-0.024567	0.011158
-4.72E-06	-0.027982	0.186954	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003405	0.005771	-0.002183
2.55E-06	-0.005270	-0.026021	
0.25000	0.003405	0.005771	-0.002183
2.55E-06	-0.002572	-0.033154	
0.50000	0.003405	0.005771	-0.002183
2.55E-06	0.000125	-0.040286	
0.75000	0.003405	0.005771	-0.002183
2.55E-06	0.002822	-0.047418	
1.00000	0.003405	0.005771	-0.002183
2.55E-06	0.005520	-0.054550	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000621	-0.001038	0.000401
-4.58E-07	0.000968	0.004676	
0.25000	-0.000621	-0.001038	0.000401
-4.58E-07	0.000472	0.005958	
0.50000	-0.000621	-0.001038	0.000401
-4.58E-07	-2.31E-05	0.007241	
0.75000	-0.000621	-0.001038	0.000401
-4.58E-07	-0.000519	0.008524	
1.00000	-0.000621	-0.001038	0.000401
-4.58E-07	-0.001014	0.009806	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014441	0.146996	-0.157241
8.24E-06	-0.379822	-0.370472	
0.25000	-0.014441	0.146996	-0.157241
8.24E-06	-0.185510	-0.552123	
0.50000	-0.014441	0.146996	-0.157241
8.24E-06	0.008802	-0.733775	
0.75000	-0.014441	0.146996	-0.157241
8.24E-06	0.203114	-0.915426	
1.00000	-0.014441	0.146996	-0.157241
8.24E-06	0.397426	-1.097077	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
850

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014441	-0.146996	0.157241
-8.24E-06	0.379822	0.370472	
0.25000	0.014441	-0.146996	0.157241
-8.24E-06	0.185510	0.552123	
0.50000	0.014441	-0.146996	0.157241
-8.24E-06	-0.008802	0.733775	
0.75000	0.014441	-0.146996	0.157241
-8.24E-06	-0.203114	0.915426	
1.00000	0.014441	-0.146996	0.157241
-8.24E-06	-0.397426	1.097077	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014683	0.146996	0.157241
1.17E-05	0.379822	0.370472	
0.25000	0.014683	0.146996	0.157241
1.17E-05	0.185510	0.552123	
0.50000	0.014683	0.146996	0.157241
1.17E-05	0.008802	0.733775	
0.75000	0.014683	0.146996	0.157241
1.17E-05	0.203114	0.915426	
1.00000	0.014683	0.146996	0.157241
1.17E-05	0.397426	1.097077	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014441	-0.146996	-0.157241
-8.24E-06	-0.379822	-0.370472	
0.25000	-0.014441	-0.146996	-0.157241
-8.24E-06	-0.185510	-0.552123	
0.50000	-0.014441	-0.146996	-0.157241
-8.24E-06	-0.008802	-0.733775	
0.75000	-0.014441	-0.146996	-0.157241
-8.24E-06	-0.203114	-0.915426	
1.00000	-0.014441	-0.146996	-0.157241
-8.24E-06	-0.397426	-1.097077	

ELEM 447 ========== LENGTH = 4.943852

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.024023	0.033351	-0.112942
-7.70E-06	-0.280913	-0.373597	
0.25000	-0.024023	0.033351	-0.112942
-7.70E-06	-0.141320	-0.414818	
0.50000	-0.024023	0.033351	-0.112942
-7.70E-06	-0.001728	-0.456039	
0.75000	-0.024023	0.033351	-0.112942
-7.70E-06	0.137865	-0.497260	
1.00000	-0.024023	0.033351	-0.112942
-7.70E-06	0.277457	-0.538481	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029559	-0.070359	0.152197
2.02E-06	0.379957	0.855515	
0.25000	0.029559	-0.070359	0.152197
2.02E-06	0.191847	0.942477	
0.50000	0.029559	-0.070359	0.152197
2.02E-06	0.003738	1.029438	
0.75000	0.029559	-0.070359	0.152197
2.02E-06	-0.184371	1.116400	
1.00000	0.029559	-0.070359	0.152197
2.02E-06	-0.372481	1.203361	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007755	0.047876	-0.048047
8.39E-06	-0.121414	-0.621290	
0.25000	-0.007755	0.047876	-0.048047
8.39E-06	-0.062030	-0.680463	
0.50000	-0.007755	0.047876	-0.048047
8.39E-06	-0.002645	-0.739637	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
851

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.007755	0.047876	-0.048047
8.39E-06	0.057739	-0.798810	
1.00000	-0.007755	0.047876	-0.048047
8.39E-06	0.116123	-0.857984	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001298	-0.013861	0.010851
-3.20E-06	0.027571	0.183614	
0.25000	0.001298	-0.013861	0.010851
-3.20E-06	0.014160	0.200745	
0.50000	0.001298	-0.013861	0.010851
-3.20E-06	0.000748	0.217876	
0.75000	0.001298	-0.013861	0.010851
-3.20E-06	-0.012663	0.235007	
1.00000	0.001298	-0.013861	0.010851
-3.20E-06	-0.026075	0.252139	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001139	0.003649	-0.002522
6.00E-07	-0.006371	-0.053935	
0.25000	0.001139	0.003649	-0.002522
6.00E-07	-0.003255	-0.058445	
0.50000	0.001139	0.003649	-0.002522
6.00E-07	-0.000138	-0.062954	
0.75000	0.001139	0.003649	-0.002522
6.00E-07	0.002979	-0.067464	
1.00000	0.001139	0.003649	-0.002522
6.00E-07	0.006096	-0.071974	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000218	-0.000657	0.000463
-1.08E-07	0.001170	0.009693	
0.25000	-0.000218	-0.000657	0.000463
-1.08E-07	0.000597	0.010504	
0.50000	-0.000218	-0.000657	0.000463
-1.08E-07	2.46E-05	0.011316	
0.75000	-0.000218	-0.000657	0.000463
-1.08E-07	-0.000548	0.012127	
1.00000	-0.000218	-0.000657	0.000463
-1.08E-07	-0.001121	0.012939	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030639	0.084876	-0.163511
1.29E-06	-0.408698	-1.048822	
0.25000	-0.030639	0.084876	-0.163511
1.29E-06	-0.206604	-1.153726	
0.50000	-0.030639	0.084876	-0.163511
1.29E-06	-0.004511	-1.258630	
0.75000	-0.030639	0.084876	-0.163511
1.29E-06	0.197583	-1.363534	
1.00000	-0.030639	0.084876	-0.163511
1.29E-06	0.399676	-1.468438	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030639	-0.084876	0.163511
-1.29E-06	0.408698	1.048822	
0.25000	0.030639	-0.084876	0.163511
-1.29E-06	0.206604	1.153726	
0.50000	0.030639	-0.084876	0.163511
-1.29E-06	0.004511	1.258630	
0.75000	0.030639	-0.084876	0.163511
-1.29E-06	-0.197583	1.363534	
1.00000	0.030639	-0.084876	0.163511
-1.29E-06	-0.399676	1.468438	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030639	0.084876	0.163511
8.39E-06	0.408698	1.048822	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
852

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.030639	0.084876	0.163511
8.39E-06	0.206604	1.153726	
0.50000	0.030639	0.084876	0.163511
8.39E-06	0.004511	1.258630	
0.75000	0.030639	0.084876	0.163511
8.39E-06	0.197583	1.363534	
1.00000	0.030639	0.084876	0.163511
8.39E-06	0.399676	1.468438	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.030639	-0.084876	-0.163511
-7.70E-06	-0.408698	-1.048822	
0.25000	-0.030639	-0.084876	-0.163511
-7.70E-06	-0.206604	-1.153726	
0.50000	-0.030639	-0.084876	-0.163511
-7.70E-06	-0.004511	-1.258630	
0.75000	-0.030639	-0.084876	-0.163511
-7.70E-06	-0.197583	-1.363534	
1.00000	-0.030639	-0.084876	-0.163511
-7.70E-06	-0.399676	-1.468438	

ELEM 448 ========== LENGTH = 4.943166

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.034423	0.046054	-0.109173
-8.65E-06	-0.271692	-0.505452	
0.25000	-0.034423	0.046054	-0.109173
-8.65E-06	-0.136777	-0.562365	
0.50000	-0.034423	0.046054	-0.109173
-8.65E-06	-0.001862	-0.619278	
0.75000	-0.034423	0.046054	-0.109173
-8.65E-06	0.133054	-0.676192	
1.00000	-0.034423	0.046054	-0.109173
-8.65E-06	0.267969	-0.733105	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.041842	-0.098837	0.143155
5.13E-06	0.358222	1.159469	
0.25000	0.041842	-0.098837	0.143155
5.13E-06	0.181313	1.281611	
0.50000	0.041842	-0.098837	0.143155
5.13E-06	0.004403	1.403753	
0.75000	0.041842	-0.098837	0.143155
5.13E-06	-0.172506	1.525895	
1.00000	0.041842	-0.098837	0.143155
5.13E-06	-0.349415	1.648037	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007882	0.068303	-0.040996
5.65E-06	-0.104632	-0.844823	
0.25000	-0.007882	0.068303	-0.040996
5.65E-06	-0.053970	-0.929231	
0.50000	-0.007882	0.068303	-0.040996
5.65E-06	-0.003307	-1.013640	
0.75000	-0.007882	0.068303	-0.040996
5.65E-06	0.047356	-1.098048	
1.00000	-0.007882	0.068303	-0.040996
5.65E-06	0.098018	-1.182457	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001921	-0.019830	0.008872
-2.31E-06	0.022895	0.249207	
0.25000	0.001921	-0.019830	0.008872
-2.31E-06	0.011931	0.273712	
0.50000	0.001921	-0.019830	0.008872
-2.31E-06	0.000967	0.298218	
0.75000	0.001921	-0.019830	0.008872
-2.31E-06	-0.009997	0.322723	
1.00000	0.001921	-0.019830	0.008872
-2.31E-06	-0.020961	0.347229	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
853

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001755	0.005255	-0.002278
2.20E-07	-0.005876	-0.071197	
0.25000	-0.001755	0.005255	-0.002278
2.20E-07	-0.003061	-0.077691	
0.50000	-0.001755	0.005255	-0.002278
2.20E-07	-0.000245	-0.084185	
0.75000	-0.001755	0.005255	-0.002278
2.20E-07	0.002570	-0.090679	
1.00000	-0.001755	0.005255	-0.002278
2.20E-07	0.005385	-0.097173	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000297	-0.000945	0.000421
-3.95E-08	0.001084	0.012796	
0.25000	0.000297	-0.000945	0.000421
-3.95E-08	0.000564	0.013964	
0.50000	0.000297	-0.000945	0.000421
-3.95E-08	4.38E-05	0.015132	
0.75000	0.000297	-0.000945	0.000421
-3.95E-08	-0.000476	0.016300	
1.00000	0.000297	-0.000945	0.000421
-3.95E-08	-0.000997	0.017469	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044060	0.119612	-0.152448
-2.78E-06	-0.382201	-1.421472	
0.25000	-0.044060	0.119612	-0.152448
-2.78E-06	-0.193808	-1.569287	
0.50000	-0.044060	0.119612	-0.152448
-2.78E-06	-0.005414	-1.717103	
0.75000	-0.044060	0.119612	-0.152448
-2.78E-06	0.182979	-1.864919	
1.00000	-0.044060	0.119612	-0.152448
-2.78E-06	0.371373	-2.012735	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044060	-0.119612	0.152448
2.78E-06	0.382201	1.421472	
0.25000	0.044060	-0.119612	0.152448
2.78E-06	0.193808	1.569287	
0.50000	0.044060	-0.119612	0.152448
2.78E-06	0.005414	1.717103	
0.75000	0.044060	-0.119612	0.152448
2.78E-06	-0.182979	1.864919	
1.00000	0.044060	-0.119612	0.152448
2.78E-06	-0.371373	2.012735	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.044060	0.119612	0.152448
5.65E-06	0.382201	1.421472	
0.25000	0.044060	0.119612	0.152448
5.65E-06	0.193808	1.569287	
0.50000	0.044060	0.119612	0.152448
5.65E-06	0.005414	1.717103	
0.75000	0.044060	0.119612	0.152448
5.65E-06	0.182979	1.864919	
1.00000	0.044060	0.119612	0.152448
5.65E-06	0.371373	2.012735	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044060	-0.119612	-0.152448
-8.65E-06	-0.382201	-1.421472	
0.25000	-0.044060	-0.119612	-0.152448
-8.65E-06	-0.193808	-1.569287	
0.50000	-0.044060	-0.119612	-0.152448
-8.65E-06	-0.005414	-1.717103	
0.75000	-0.044060	-0.119612	-0.152448
-8.65E-06	-0.182979	-1.864919	
1.00000	-0.044060	-0.119612	-0.152448
-8.65E-06	-0.371373	-2.012735	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
854

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 449 ========== LENGTH = 4.942369

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.044964	0.047123	-0.104143
-9.52E-06	-0.259961	-0.701388	
0.25000	-0.044964	0.047123	-0.104143
-9.52E-06	-0.131282	-0.759613	
0.50000	-0.044964	0.047123	-0.104143
-9.52E-06	-0.002603	-0.817837	
0.75000	-0.044964	0.047123	-0.104143
-9.52E-06	0.126076	-0.876062	
1.00000	-0.044964	0.047123	-0.104143
-9.52E-06	0.254754	-0.934286	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.053737	-0.101080	0.131032
8.53E-06	0.529851	1.607295	
0.25000	0.053737	-0.101080	0.131032
8.53E-06	0.167949	1.732190	
0.50000	0.053737	-0.101080	0.131032
8.53E-06	0.006047	1.857084	
0.75000	0.053737	-0.101080	0.131032
8.53E-06	-0.155856	1.981978	
1.00000	0.053737	-0.101080	0.131032
8.53E-06	-0.317758	2.106872	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008046	0.069667	-0.031725
2.04E-06	-0.082858	-1.171712	
0.25000	-0.008046	0.069667	-0.031725
2.04E-06	-0.043658	-1.257792	
0.50000	-0.008046	0.069667	-0.031725
2.04E-06	-0.004459	-1.343872	
0.75000	-0.008046	0.069667	-0.031725
2.04E-06	0.034741	-1.429952	
1.00000	-0.008046	0.069667	-0.031725
2.04E-06	0.073941	-1.516032	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002259	-0.020257	0.006184
-1.29E-06	0.016591	0.344986	
0.25000	0.002259	-0.020257	0.006184
-1.29E-06	0.008950	0.370015	
0.50000	0.002259	-0.020257	0.006184
-1.29E-06	0.001309	0.395045	
0.75000	0.002259	-0.020257	0.006184
-1.29E-06	-0.006333	0.420074	
1.00000	0.002259	-0.020257	0.006184
-1.29E-06	-0.013974	0.445104	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003611	0.005545	-0.001659
2.80E-07	-0.004458	-0.096531	
0.25000	-0.003611	0.005545	-0.001659
2.80E-07	-0.002208	-0.103383	
0.50000	-0.003611	0.005545	-0.001659
2.80E-07	-0.000357	-0.110235	
0.75000	-0.003611	0.005545	-0.001659
2.80E-07	0.001693	-0.117086	
1.00000	-0.003611	0.005545	-0.001659
2.80E-07	0.003743	-0.123938	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000626	-0.000998	0.000312
-5.03E-08	0.000834	0.017350	
0.25000	0.000626	-0.000998	0.000312
-5.03E-08	0.000449	0.018582	
0.50000	0.000626	-0.000998	0.000312
-5.03E-08	6.38E-05	0.019815	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
855

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.000626	-0.000998	0.000312
-5.03E-08	-0.000321	0.021047	
1.00000	0.000626	-0.000998	0.000312
-5.03E-08	-0.000707	0.022280	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056621	0.122335	-0.137528
-7.20E-06	-0.347277	-1.969631	
0.25000	-0.056621	0.122335	-0.137528
-7.20E-06	-0.177348	-2.120787	
0.50000	-0.056621	0.122335	-0.137528
-7.20E-06	-0.007419	-2.271943	
0.75000	-0.056621	0.122335	-0.137528
-7.20E-06	0.162510	-2.423100	
1.00000	-0.056621	0.122335	-0.137528
-7.20E-06	0.332438	-2.574256	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056621	-0.122335	0.137528
7.20E-06	0.347277	1.969631	
0.25000	0.056621	-0.122335	0.137528
7.20E-06	0.177348	2.120787	
0.50000	0.056621	-0.122335	0.137528
7.20E-06	0.007419	2.271943	
0.75000	0.056621	-0.122335	0.137528
7.20E-06	-0.162510	2.423100	
1.00000	0.056621	-0.122335	0.137528
7.20E-06	-0.332438	2.574256	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056621	0.122335	0.137528
8.53E-06	0.347277	1.969631	
0.25000	0.056621	0.122335	0.137528
8.53E-06	0.177348	2.120787	
0.50000	0.056621	0.122335	0.137528
8.53E-06	0.007419	2.271943	
0.75000	0.056621	0.122335	0.137528
8.53E-06	0.162510	2.423100	
1.00000	0.056621	0.122335	0.137528
8.53E-06	0.332438	2.574256	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.056621	-0.122335	-0.137528
-9.52E-06	-0.347277	-1.969631	
0.25000	-0.056621	-0.122335	-0.137528
-9.52E-06	-0.177348	-2.120787	
0.50000	-0.056621	-0.122335	-0.137528
-9.52E-06	-0.007419	-2.271943	
0.75000	-0.056621	-0.122335	-0.137528
-9.52E-06	-0.162510	-2.423100	
1.00000	-0.056621	-0.122335	-0.137528
-9.52E-06	-0.332438	-2.574256	

ELEM 450 ========== LENGTH = 4.943689

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.053501	0.046740	-0.097199
1.09E-05	-0.243514	-0.904383	
0.25000	-0.053501	0.046740	-0.097199
-1.09E-05	-0.123384	-0.962150	
0.50000	-0.053501	0.046740	-0.097199
-1.09E-05	-0.003254	-1.019917	
0.75000	-0.053501	0.046740	-0.097199
-1.09E-05	0.116876	-1.077684	
1.00000	-0.053501	0.046740	-0.097199
-1.09E-05	0.237007	-1.135451	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
856

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062603	-0.099930	0.114725
1.28E-05	0.291163	2.070334	
0.25000	0.062603	-0.099930	0.114725
1.28E-05	0.149371	2.193840	
0.50000	0.062603	-0.099930	0.114725
1.28E-05	0.007579	2.317345	
0.75000	0.062603	-0.099930	0.114725
1.28E-05	-0.134212	2.440851	
1.00000	0.062603	-0.099930	0.114725
1.28E-05	-0.276004	2.564356	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007783	0.068583	-0.019560
-2.00E-06	-0.053953	-1.508367	
0.25000	-0.007783	0.068583	-0.019560
-2.00E-06	-0.029778	-1.593129	
0.50000	-0.007783	0.068583	-0.019560
-2.00E-06	-0.005604	-1.677892	
0.75000	-0.007783	0.068583	-0.019560
-2.00E-06	0.018570	-1.762655	
1.00000	-0.007783	0.068583	-0.019560
-2.00E-06	0.042744	-1.847418	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002221	-0.019920	0.002642
-1.67E-07	0.008176	0.443776	
0.25000	0.002221	-0.019920	0.002642
-1.67E-07	0.004910	0.468395	
0.50000	0.002221	-0.019920	0.002642
-1.67E-07	0.001644	0.493014	
0.75000	0.002221	-0.019920	0.002642
-1.67E-07	-0.001621	0.517633	
1.00000	0.002221	-0.019920	0.002642
-1.67E-07	-0.004887	0.542252	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004280	0.005520	-0.000762
3.87E-07	-0.002330	-0.123570	
0.25000	-0.004280	0.005520	-0.000762
3.87E-07	-0.001388	-0.130392	
0.50000	-0.004280	0.005520	-0.000762
3.87E-07	-0.000445	-0.137214	
0.75000	-0.004280	0.005520	-0.000762
3.87E-07	0.000497	-0.144036	
1.00000	-0.004280	0.005520	-0.000762
3.87E-07	0.001439	-0.150859	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000740	-0.000993	0.000153
-6.95E-08	0.000458	0.022209	
0.25000	0.000740	-0.000993	0.000153
-6.95E-08	0.000269	0.023437	
0.50000	0.000740	-0.000993	0.000153
-6.95E-08	7.95E-05	0.024664	
0.75000	0.000740	-0.000993	0.000153
-6.95E-08	-0.000110	0.025892	
1.00000	0.000740	-0.000993	0.000153
-6.95E-08	-0.000299	0.027120	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065564	0.120843	-0.117521
-1.25E-05	-0.299797	-2.536319	
0.25000	-0.065564	0.120843	-0.117521
-1.25E-05	-0.154550	-2.685671	
0.50000	-0.065564	0.120843	-0.117521
-1.25E-05	-0.009303	-2.835023	
0.75000	-0.065564	0.120843	-0.117521
-1.25E-05	0.135943	-2.984375	
1.00000	-0.065564	0.120843	-0.117521
-1.25E-05	0.281190	-3.133727	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 857
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065564	-0.120843	0.117521
1.25E-05	0.299797	2.536319	
0.25000	0.065564	-0.120843	0.117521
1.25E-05	0.154550	2.685671	
0.50000	0.065564	-0.120843	0.117521
1.25E-05	0.009303	2.835023	
0.75000	0.065564	-0.120843	0.117521
1.25E-05	-0.135943	2.984375	
1.00000	0.065564	-0.120843	0.117521
1.25E-05	0.281190	3.133727	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065564	0.120843	0.117521
1.28E-05	0.299797	2.536319	
0.25000	0.065564	0.120843	0.117521
1.28E-05	0.154550	2.685671	
0.50000	0.065564	0.120843	0.117521
1.28E-05	0.009303	2.835023	
0.75000	0.065564	0.120843	0.117521
1.28E-05	0.135943	2.984375	
1.00000	0.065564	0.120843	0.117521
1.28E-05	0.281190	3.133727	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.065564	-0.120843	-0.117521
-1.25E-05	-0.299797	-2.536319	
0.25000	-0.065564	-0.120843	-0.117521
-1.25E-05	-0.154550	-2.685671	
0.50000	-0.065564	-0.120843	-0.117521
-1.25E-05	-0.009303	-2.835023	
0.75000	-0.065564	-0.120843	-0.117521
-1.25E-05	-0.135943	-2.984375	
1.00000	-0.065564	-0.120843	-0.117521
-1.25E-05	-0.281190	-3.133727	

ELEM 451 ========== LENGTH = 4.942152

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.060122	0.046686	-0.088678
-1.26E-05	-0.223098	-1.107871	
0.25000	-0.060122	0.046686	-0.088678
-1.26E-05	-0.113533	-1.165554	
0.50000	-0.060122	0.046686	-0.088678
-1.26E-05	-0.003968	-1.223236	
0.75000	-0.060122	0.046686	-0.088678
-1.26E-05	0.105598	-1.280919	
1.00000	-0.060122	0.046686	-0.088678
-1.26E-05	0.215163	-1.338602	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.069074	-0.099723	0.094546
1.75E-05	0.242861	2.533383	
0.25000	0.069074	-0.099723	0.094546
1.75E-05	0.126046	2.656595	
0.50000	0.069074	-0.099723	0.094546
1.75E-05	0.009232	2.779806	
0.75000	0.069074	-0.099723	0.094546
1.75E-05	0.107583	2.903017	
1.00000	0.069074	-0.099723	0.094546
1.75E-05	-0.224397	3.026229	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007827	0.068328	-0.004354
-6.18E-06	-0.017598	-1.844000	
0.25000	-0.007827	0.068328	-0.004354
-6.18E-06	-0.012218	-1.928422	
0.50000	-0.007827	0.068328	-0.004354
-6.18E-06	-0.006839	-2.012844	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 858
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.007827	0.068328	-0.004354
-6.18E-06	-0.001459	-2.097265	
1.00000	-0.007827	0.068328	-0.004354
-6.18E-06	0.003921	-2.181687	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002080	-0.019753	-0.001774
1.07E-06	-0.002385	0.542127	
0.25000	0.002080	-0.019753	-0.001774
1.07E-06	-0.000193	0.566533	
0.50000	0.002080	-0.019753	-0.001774
1.07E-06	0.001999	0.590939	
0.75000	0.002080	-0.019753	-0.001774
1.07E-06	0.004191	0.615345	
1.00000	0.002080	-0.019753	-0.001774
1.07E-06	0.006383	0.639751	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003862	0.005441	0.000294
3.32E-07	0.000210	-0.150731	
0.25000	-0.003862	0.005441	0.000294
3.32E-07	-0.000154	-0.157454	
0.50000	-0.003862	0.005441	0.000294
3.32E-07	-0.000517	-0.164177	
0.75000	-0.003862	0.005441	0.000294
3.32E-07	-0.000880	-0.170899	
1.00000	-0.003862	0.005441	0.000294
3.32E-07	-0.001244	-0.177622	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000657	-0.000979	-3.32E-05
-5.96E-08	1.01E-05	0.027091	
0.25000	0.000657	-0.000979	-3.32E-05
-5.96E-08	5.12E-05	0.028301	
0.50000	0.000657	-0.000979	-3.32E-05
-5.96E-08	9.22E-05	0.029511	
0.75000	0.000657	-0.000979	-3.32E-05
-5.96E-08	0.000133	0.030721	
1.00000	0.000657	-0.000979	-3.32E-05
-5.96E-08	0.000174	0.031931	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071811	0.120456	-0.092738
-1.85E-05	-0.240486	-3.102602	
0.25000	-0.071811	0.120456	-0.092738
-1.85E-05	-0.125905	-3.251429	
0.50000	-0.071811	0.120456	-0.092738
-1.85E-05	-0.011323	-3.400256	
0.75000	-0.071811	0.120456	-0.092738
-1.85E-05	0.103259	-3.549084	
1.00000	-0.071811	0.120456	-0.092738
-1.85E-05	0.217840	-3.697911	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071811	-0.120456	0.092738
1.85E-05	0.240486	3.102602	
0.25000	0.071811	-0.120456	0.092738
1.85E-05	0.125905	3.251429	
0.50000	0.071811	-0.120456	0.092738
1.85E-05	0.011323	3.400256	
0.75000	0.071811	-0.120456	0.092738
1.85E-05	-0.103259	3.549084	
1.00000	0.071811	-0.120456	0.092738
1.85E-05	-0.217840	3.697911	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071811	0.120456	0.094546
1.85E-05	0.242861	3.102602	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 859
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.071811	0.120456	0.094546
1.85E-05	0.126046	3.251429	
0.50000	0.071811	0.120456	0.094546
1.85E-05	0.011323	3.400256	
0.75000	0.071811	0.120456	0.094546
1.85E-05	0.105598	3.549084	
1.00000	0.071811	0.120456	0.094546
1.85E-05	0.217840	3.697911	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071811	-0.120456	-0.092738
-1.85E-05	-0.240486	-3.102602	
0.25000	-0.071811	-0.120456	-0.092738
-1.85E-05	-0.125905	-3.251429	
0.50000	-0.071811	-0.120456	-0.092738
-1.85E-05	-0.011323	-3.400256	
0.75000	-0.071811	-0.120456	-0.092738
-1.85E-05	-0.107583	-3.549084	
1.00000	-0.071811	-0.120456	-0.092738
-1.85E-05	-0.224397	-3.697911	

ELEM 452 ========== LENGTH = 4.943822

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064481	0.021311	-0.078546
-1.44E-05	-0.198596	-1.313718	
0.25000	-0.064481	0.021311	-0.078546
-1.44E-05	-0.101517	-1.340057	
0.50000	-0.064481	0.021311	-0.078546
-1.44E-05	-0.004439	-1.366397	
0.75000	-0.064481	0.021311	-0.078546
-1.44E-05	0.092640	-1.392736	
1.00000	-0.064481	0.021311	-0.078546
-1.44E-05	0.189719	-1.419075	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073085	-0.041297	0.070644
2.17E-05	0.184983	3.001419	
0.25000	0.073085	-0.041297	0.070644
2.17E-05	0.097671	3.052460	
0.50000	0.073085	-0.041297	0.070644
2.17E-05	0.010358	3.103502	
0.75000	0.073085	-0.041297	0.070644
2.17E-05	0.076954	3.154543	
1.00000	0.073085	-0.041297	0.070644
2.17E-05	-0.164266	3.205585	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008481	0.025195	0.013727
-9.42E-06	0.026212	-2.182736	
0.25000	-0.008481	0.025195	0.013727
-9.42E-06	0.009246	-2.213876	
0.50000	-0.008481	0.025195	0.013727
-9.42E-06	-0.007720	-2.245016	
0.75000	-0.008481	0.025195	0.013727
-9.42E-06	-0.024686	-2.276156	
1.00000	-0.008481	0.025195	0.013727
-9.42E-06	-0.041652	-2.307296	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002026	-0.007056	-0.006981
2.25E-06	-0.015011	0.640998	
0.25000	0.002026	-0.007056	-0.006981
2.25E-06	-0.006383	0.649719	
0.50000	0.002026	-0.007056	-0.006981
2.25E-06	0.002246	0.658440	
0.75000	0.002026	-0.007056	-0.006981
2.25E-06	0.010874	0.667161	
1.00000	0.002026	-0.007056	-0.006981
2.25E-06	0.019502	0.675882	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 860
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002561	0.002254	0.001380
-1.54E-07	0.002870	-0.177945	
0.25000	-0.002561	0.002254	0.001380
-1.54E-07	0.001164	-0.180731	
0.50000	-0.002561	0.002254	0.001380
-1.54E-07	-0.000542	-0.183517	
0.75000	-0.002561	0.002254	0.001380
-1.54E-07	-0.002248	-0.186302	
1.00000	-0.002561	0.002254	0.001380
-1.54E-07	-0.003954	-0.189088	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000413	-0.000406	-0.000224
2.77E-08	0.000358	0.031083	
0.25000	0.000413	-0.000406	-0.000224
2.77E-08	-0.000181	0.032485	
0.50000	0.000413	-0.000406	-0.000224
2.77E-08	9.67E-05	0.032988	
0.75000	0.000413	-0.000406	-0.000224
2.77E-08	0.000374	0.033490	
1.00000	0.000413	-0.000406	-0.000224
2.77E-08	0.000652	0.033992	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075524	0.048760	-0.063438
-2.40E-05	-0.169514	-3.674400	
0.25000	-0.075524	0.048760	-0.063438
-2.40E-05	-0.091107	-3.734664	
0.50000	-0.075524	0.048760	-0.063438
-2.40E-05	-0.012701	-3.794929	
0.75000	-0.075524	0.048760	-0.063438
-2.40E-05	0.065706	-3.855194	
1.00000	-0.075524	0.048760	-0.063438
-2.40E-05	0.144113	-3.915459	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075524	-0.048760	0.063438
2.40E-05	0.169514	3.674400	
0.25000	0.075524	-0.048760	0.063438
2.40E-05	0.091107	3.734664	
0.50000	0.075524	-0.048760	0.063438
2.40E-05	0.012701	3.794929	
0.75000	0.075524	-0.048760	0.063438
2.40E-05	-0.065706	3.855194	
1.00000	0.075524	-0.048760	0.063438
2.40E-05	-0.144113	3.915459	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075524	0.048760	0.070644
2.40E-05	0.184983	3.674400	
0.25000	0.075524	0.048760	0.070644
2.40E-05	0.097671	3.734664	
0.50000	0.075524	0.048760	0.070644
2.40E-05	0.012701	3.794929	
0.75000	0.075524	0.048760	0.070644
2.40E-05	0.092640	3.855194	
1.00000	0.075524	0.048760	0.070644
2.40E-05	0.189719	3.915459	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075524	-0.048760	-0.078546
-2.40E-05	-0.198596	-3.674400	
0.25000	-0.075524	-0.048760	-0.078546
-2.40E-05	-0.101517	-3.734664	
0.50000	-0.075524	-0.048760	-0.078546
-2.40E-05	-0.012701	-3.794929	
0.75000	-0.075524	-0.048760	-0.078546
-2.40E-05	-0.076954	-3.855194	
1.00000	-0.075524	-0.048760	-0.078546
-2.40E-05	-0.164266	-3.915459	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 861
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 453 ========== LENGTH = 4.942624

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.067636	0.038516	-0.067520
-1.55E-05	-0.171639	-1.397447	
0.25000	-0.067636	0.038516	-0.067520
-1.55E-05	-0.088208	-1.445039	
0.50000	-0.067636	0.038516	-0.067520
-1.55E-05	-0.004777	-1.492631	
0.75000	-0.067636	0.038516	-0.067520
-1.55E-05	0.078655	-1.540223	
1.00000	-0.067636	0.038516	-0.067520
-1.55E-05	0.162086	-1.587815	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074829	-0.082230	0.043973
2.30E-05	0.189588	3.188823	
0.25000	0.074829	-0.082230	0.043973
2.30E-05	0.065752	3.290431	
0.50000	0.074829	-0.082230	0.043973
2.30E-05	0.011416	3.392039	
0.75000	0.074829	-0.082230	0.043973
2.30E-05	-0.042920	3.493647	
1.00000	0.074829	-0.082230	0.043973
2.30E-05	-0.097256	3.595255	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.007447	0.056636	0.034424
-9.23E-06	0.076384	-2.314761	
0.25000	-0.007447	0.056636	0.034424
-9.23E-06	0.033847	-2.384744	
0.50000	-0.007447	0.056636	0.034424
-9.23E-06	-0.008689	-2.454726	
0.75000	-0.007447	0.056636	0.034424
-9.23E-06	-0.051226	-2.524709	
1.00000	-0.007447	0.056636	0.034424
-9.23E-06	-0.093762	-2.594691	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001755	-0.015813	-0.012912
2.91E-06	-0.029387	0.678870	
0.25000	0.001755	-0.015813	-0.012912
2.91E-06	-0.013433	0.698410	
0.50000	0.001755	-0.015813	-0.012912
2.91E-06	0.002522	0.717949	
0.75000	0.001755	-0.015813	-0.012912
2.91E-06	0.018477	0.737488	
1.00000	0.001755	-0.015813	-0.012912
2.91E-06	0.034432	0.757028	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001754	0.003528	0.002446
-1.46E-06	0.005470	-0.189554	
0.25000	-0.001754	0.003528	0.002446
-1.46E-06	0.002448	-0.193913	
0.50000	-0.001754	0.003528	0.002446
-1.46E-06	-0.000574	-0.198272	
0.75000	-0.001754	0.003528	0.002446
-1.46E-06	-0.003596	-0.202631	
1.00000	-0.001754	0.003528	0.002446
-1.46E-06	-0.006618	-0.206990	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000253	-0.000636	-0.000411
2.62E-07	-0.000914	0.034068	
0.25000	0.000253	-0.000636	-0.000411
2.62E-07	-0.000406	0.034855	
0.50000	0.000253	-0.000636	-0.000411
2.62E-07	0.000102	0.035641	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 862
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.000253	-0.000636	-0.000411
2.62E-07	0.000610	0.036427	
1.00000	0.000253	-0.000636	-0.000411
2.62E-07	0.001119	0.037213	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076837	0.098679	-0.030650
-2.62E-05	-0.089786	-3.901761	
0.25000	-0.076837	0.098679	-0.030650
-2.62E-05	-0.051913	-4.023695	
0.50000	-0.076837	0.098679	-0.030650
-2.62E-05	-0.014040	-4.145629	
0.75000	-0.076837	0.098679	-0.030650
-2.62E-05	0.023833	-4.267563	
1.00000	-0.076837	0.098679	-0.030650
-2.62E-05	0.061706	-4.389496	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076837	-0.098679	0.030650
2.62E-05	0.089786	3.901761	
0.25000	0.076837	-0.098679	0.030650
2.62E-05	0.051913	4.023695	
0.50000	0.076837	-0.098679	0.030650
2.62E-05	0.014040	4.145629	
0.75000	0.076837	-0.098679	0.030650
2.62E-05	-0.023833	4.267563	
1.00000	0.076837	-0.098679	0.030650
2.62E-05	-0.061706	4.389496	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076837	0.098679	0.043973
2.62E-05	0.120088	3.901761	
0.25000	0.076837	0.098679	0.043973
2.62E-05	0.065752	4.023695	
0.50000	0.076837	0.098679	0.043973
2.62E-05	0.014040	4.145629	
0.75000	0.076837	0.098679	0.043973
2.62E-05	0.076655	4.267563	
1.00000	0.076837	0.098679	0.043973
2.62E-05	0.162086	4.389496	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076837	-0.098679	-0.067520
-2.62E-05	-0.171639	-3.901761	
0.25000	-0.076837	-0.098679	-0.067520
-2.62E-05	-0.088208	-4.023695	
0.50000	-0.076837	-0.098679	-0.067520
-2.62E-05	-0.014040	-4.145629	
0.75000	-0.076837	-0.098679	-0.067520
-2.62E-05	-0.051226	-4.267563	
1.00000	-0.076837	-0.098679	-0.067520
-2.62E-05	-0.097256	-4.389496	

ELEM 454 ========== LENGTH = 4.943366

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.074194	-0.004396	-0.053598
-1.53E-05	-0.139130	-1.569741	
0.25000	-0.074194	-0.004396	-0.053598
-1.53E-05	-0.072892	-1.564309	
0.50000	-0.074194	-0.004396	-0.053598
-1.53E-05	-0.006654	-1.558876	
0.75000	-0.074194	-0.004396	-0.053598
-1.53E-05	0.059584	-1.553444	
1.00000	-0.074194	-0.004396	-0.053598
-1.53E-05	0.125823	-1.548012	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 863
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075752	0.021573	0.014874
1.95E-05	0.048898	3.586514	
0.25000	0.075752	0.021573	0.014874
1.95E-05	0.030516	3.559854	
0.50000	0.075752	0.021573	0.014874
1.95E-05	0.012133	3.533193	
0.75000	0.075752	0.021573	0.014874
1.95E-05	-0.006249	3.506533	
1.00000	0.075752	0.021573	0.014874
1.95E-05	-0.024631	3.479872	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001982	-0.025391	0.054275
-4.07E-06	0.127166	-2.607992	
0.25000	0.001982	-0.025391	0.054275
-4.07E-06	0.060091	-2.576612	
0.50000	0.001982	-0.025391	0.054275
-4.07E-06	-0.006985	-2.545232	
0.75000	0.001982	-0.025391	0.054275
-4.07E-06	-0.074061	-2.513853	
1.00000	0.001982	-0.025391	0.054275
-4.07E-06	-0.141136	-2.482473	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000130	0.007659	-0.018510
3.16E-06	-0.043801	0.761729	
0.25000	-0.000130	0.007659	-0.018510
3.16E-06	-0.020926	0.752264	
0.50000	-0.000130	0.007659	-0.018510
3.16E-06	0.001949	0.742798	
0.75000	-0.000130	0.007659	-0.018510
3.16E-06	0.024824	0.733333	
1.00000	-0.000130	0.007659	-0.018510
3.16E-06	0.047700	0.723867	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004057	0.000677	0.003567
-4.02E-06	0.008275	-0.207874	
0.25000	-0.004057	0.000677	0.003567
-4.02E-06	0.003867	-0.208711	
0.50000	-0.004057	0.000677	0.003567
-4.02E-06	-0.000541	-0.209548	
0.75000	-0.004057	0.000677	0.003567
-4.02E-06	-0.004949	-0.210384	
1.00000	-0.004057	0.000677	0.003567
-4.02E-06	-0.009356	-0.211221	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000646	-0.000122	-0.000609
7.22E-07	-0.001407	0.037363	
0.25000	0.000646	-0.000122	-0.000609
7.22E-07	-0.000655	0.037514	
0.50000	0.000646	-0.000122	-0.000609
7.22E-07	9.72E-05	0.037665	
0.75000	0.000646	-0.000122	-0.000609
7.22E-07	0.000850	0.037816	
1.00000	0.000646	-0.000122	-0.000609
7.22E-07	0.001602	0.037966	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076268	-0.029110	0.004244
-2.33E-05	-0.003689	-4.385607	
0.25000	-0.076268	-0.029110	0.004244
-2.33E-05	-0.008934	-4.349631	
0.50000	-0.076268	-0.029110	0.004244
-2.33E-05	-0.014180	-4.313656	
0.75000	-0.076268	-0.029110	0.004244
-2.33E-05	-0.019425	-4.277681	
1.00000	-0.076268	-0.029110	0.004244
-2.33E-05	-0.024670	-4.241706	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
864

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076268	0.029110	-0.004244
2.33E-05	0.003689	4.385607	
0.25000	0.076268	0.029110	-0.004244
2.33E-05	0.008934	4.349631	
0.50000	0.076268	0.029110	-0.004244
2.33E-05	0.014180	4.313656	
0.75000	0.076268	0.029110	-0.004244
2.33E-05	0.019425	4.277681	
1.00000	0.076268	0.029110	-0.004244
2.33E-05	0.024670	4.241706	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076268	0.029110	0.054275
2.33E-05	0.127166	4.385607	
0.25000	0.076268	0.029110	0.054275
2.33E-05	0.060091	4.349631	
0.50000	0.076268	0.029110	0.054275
2.33E-05	0.014180	4.313656	
0.75000	0.076268	0.029110	0.054275
2.33E-05	0.059584	4.277681	
1.00000	0.076268	0.029110	0.054275
2.33E-05	0.125823	4.241706	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076268	-0.029110	-0.053598
-2.33E-05	-0.139130	-4.385607	
0.25000	-0.076268	-0.029110	-0.053598
-2.33E-05	-0.072892	-4.349631	
0.50000	-0.076268	-0.029110	-0.053598
-2.33E-05	-0.014180	-4.313656	
0.75000	-0.076268	-0.029110	-0.053598
-2.33E-05	-0.074061	-4.277681	
1.00000	-0.076268	-0.029110	-0.053598
-2.33E-05	-0.141136	-4.241706	

ELEM 455 ========== LENGTH = 3.460026

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082446	-0.045995	-0.081177
-1.33E-05	-0.146709	-1.531665	
0.25000	-0.082446	-0.045995	-0.081177
-1.33E-05	-0.076490	-1.491879	
0.50000	-0.082446	-0.045995	-0.081177
-1.33E-05	-0.006272	-1.452093	
0.75000	-0.082446	-0.045995	-0.081177
-1.33E-05	0.063946	-1.412307	
1.00000	-0.082446	-0.045995	-0.081177
-1.33E-05	0.134165	-1.372520	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074771	0.079842	-0.017407
1.03E-05	-0.020544	3.479617	
0.25000	0.074771	0.079842	-0.017407
1.03E-05	-0.005487	3.410553	
0.50000	0.074771	0.079842	-0.017407
1.03E-05	0.009570	3.341490	
0.75000	0.074771	0.079842	-0.017407
1.03E-05	0.024627	3.272426	
1.00000	0.074771	0.079842	-0.017407
1.03E-05	0.039683	3.203362	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019141	-0.026504	0.135012
5.82E-06	0.229604	-2.504688	
0.25000	0.019141	-0.026504	0.135012
5.82E-06	0.112818	-2.481762	
0.50000	0.019141	-0.026504	0.135012
5.82E-06	-0.003968	-2.458836	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
865

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.019141	-0.026504	0.135012
-5.82E-06	-0.120754	-2.435911	
1.00000	0.019141	-0.026504	0.135012
5.82E-06	-0.237540	-2.412985	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003275	0.013008	-0.044548
2.99E-06	-0.075992	0.731283	
0.25000	-0.003275	0.013008	-0.044548
2.99E-06	-0.037458	0.720031	
0.50000	-0.003275	0.013008	-0.044548
2.99E-06	0.001077	0.708779	
0.75000	-0.003275	0.013008	-0.044548
2.99E-06	0.039611	0.697527	
1.00000	-0.003275	0.013008	-0.044548
2.99E-06	0.078146	0.686276	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009851	-0.024795	0.009814
-7.14E-06	0.016481	-0.212782	
0.25000	-0.009851	-0.024795	0.009814
-7.14E-06	0.007992	-0.191334	
0.50000	-0.009851	-0.024795	0.009814
-7.14E-06	-0.000497	-0.169886	
0.75000	-0.009851	-0.024795	0.009814
-7.14E-06	-0.008986	-0.148438	
1.00000	-0.009851	-0.024795	0.009814
-7.14E-06	-0.017475	-0.126990	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001660	0.004444	-0.001694
1.28E-06	-0.002841	0.038235	
0.25000	0.001660	0.004444	-0.001694
1.28E-06	-0.001375	0.034391	
0.50000	0.001660	0.004444	-0.001694
1.28E-06	9.00E-05	0.030546	
0.75000	0.001660	0.004444	-0.001694
1.28E-06	0.001555	0.026702	
1.00000	0.001660	0.004444	-0.001694
1.28E-06	0.003021	0.022858	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073156	-0.097294	0.063649
-1.46E-05	0.099376	-4.249135	
0.25000	-0.073156	-0.097294	0.063649
-1.46E-05	0.044320	-4.164975	
0.50000	-0.073156	-0.097294	0.063649
-1.46E-05	-0.010737	-4.080815	
0.75000	-0.073156	-0.097294	0.063649
-1.46E-05	-0.065793	-3.996655	
1.00000	-0.073156	-0.097294	0.063649
-1.46E-05	-0.120850	-3.912495	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073156	0.097294	-0.063649
1.46E-05	-0.099376	4.249135	
0.25000	0.073156	0.097294	-0.063649
1.46E-05	-0.044320	4.164975	
0.50000	0.073156	0.097294	-0.063649
1.46E-05	0.010737	4.080815	
0.75000	0.073156	0.097294	-0.063649
1.46E-05	0.065793	3.996655	
1.00000	0.073156	0.097294	-0.063649
1.46E-05	0.120850	3.912495	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074771	0.097294	0.135012
1.46E-05	0.229604	4.249135	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
866

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.074771	0.097294	0.135012
1.46E-05	0.112818	4.164975	
0.50000	0.074771	0.097294	0.135012
1.46E-05	0.010737	4.080815	
0.75000	0.074771	0.097294	0.135012
1.46E-05	0.065793	3.996655	
1.00000	0.074771	0.097294	0.135012
1.46E-05	0.134165	3.912495	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082446	-0.097294	-0.081177
-1.46E-05	-0.146709	-4.249135	
0.25000	-0.082446	-0.097294	-0.081177
-1.46E-05	-0.076490	-4.164975	
0.50000	-0.082446	-0.097294	-0.081177
-1.46E-05	-0.010737	-4.080815	
0.75000	-0.082446	-0.097294	-0.081177
-1.46E-05	-0.120754	-3.996655	
1.00000	-0.082446	-0.097294	-0.081177
-1.46E-05	-0.237540	-3.912495	

ELEM 456 ========== LENGTH = 3.460010

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087122	0.046704	-0.063680
2.07E-06	-0.113123	-1.357690	
0.25000	-0.087122	0.046704	-0.063680
2.07E-06	-0.058039	-1.398089	
0.50000	-0.087122	0.046704	-0.063680
2.07E-06	-0.002956	-1.438488	
0.75000	-0.087122	0.046704	-0.063680
2.07E-06	0.052128	-1.478887	
1.00000	-0.087122	0.046704	-0.063680
2.07E-06	0.107212	-1.519286	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074301	-0.028129	-0.053970
-1.62E-06	-0.082382	3.210685	
0.25000	0.074301	-0.028129	-0.053970
-1.62E-06	-0.035699	3.235017	
0.50000	0.074301	-0.028129	-0.053970
-1.62E-06	0.010985	3.259348	
0.75000	0.074301	-0.028129	-0.053970
-1.62E-06	0.057669	3.283679	
1.00000	0.074301	-0.028129	-0.053970
-1.62E-06	0.104353	3.308011	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026435	-0.071164	0.157688
-1.09E-05	0.262565	-2.442982	
0.25000	0.026435	-0.071164	0.157688
-1.09E-05	0.126165	-2.381425	
0.50000	0.026435	-0.071164	0.157688
-1.09E-05	-0.010235	-2.319867	
0.75000	0.026435	-0.071164	0.157688
-1.09E-05	-0.146635	-2.258310	
1.00000	0.026435	-0.071164	0.157688
-1.09E-05	-0.283036	-2.196753	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004591	0.044875	-0.051405
7.21E-06	-0.085909	0.696116	
0.25000	-0.004591	0.044875	-0.051405
7.21E-06	-0.041444	0.657299	
0.50000	-0.004591	0.044875	-0.051405
7.21E-06	0.003022	0.618482	
0.75000	-0.004591	0.044875	-0.051405
7.21E-06	0.047487	0.579665	
1.00000	-0.004591	0.044875	-0.051405
7.21E-06	0.091953	0.540848	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
867

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010831	0.009399	0.013764
3.94E-06	0.022819	-0.129407	
0.25000	-0.010831	0.009399	0.013764
3.94E-06	0.010914	-0.137537	
0.50000	-0.010831	0.009399	0.013764
3.94E-06	-0.000992	-0.145667	
0.75000	-0.010831	0.009399	0.013764
3.94E-06	-0.012898	-0.153797	
1.00000	-0.010831	0.009399	0.013764
3.94E-06	-0.024803	-0.161928	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001807	-0.001686	-0.002396
-7.08E-07	-0.000370	0.022277	
0.25000	0.001807	-0.001686	-0.002396
-7.08E-07	-0.001897	0.024735	
0.50000	0.001807	-0.001686	-0.002396
-7.08E-07	0.000176	0.026193	
0.75000	0.001807	-0.001686	-0.002396
-7.08E-07	0.002249	0.027651	
1.00000	0.001807	-0.001686	-0.002396
-7.08E-07	0.004322	0.029109	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.071518	-0.015061	0.107771
-4.89E-06	0.172262	-3.930078	
0.25000	-0.071518	-0.015061	0.107771
-4.89E-06	0.079039	-3.917050	
0.50000	-0.071518	-0.015061	0.107771
-4.89E-06	-0.014183	-3.904022	
0.75000	-0.071518	-0.015061	0.107771
-4.89E-06	-0.107405	-3.890995	
1.00000	-0.071518	-0.015061	0.107771
-4.89E-06	-0.200627	-3.877967	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.071518	0.015061	-0.107771
4.89E-06	-0.172262	3.930078	
0.25000	0.071518	0.015061	-0.107771
4.89E-06	-0.079039	3.917050	
0.50000	0.071518	0.015061	-0.107771
4.89E-06	0.014183	3.904022	
0.75000	0.071518	0.015061	-0.107771
4.89E-06	0.107405	3.890995	
1.00000	0.071518	0.015061	-0.107771
4.89E-06	0.200627	3.877967	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074301	0.046704	0.157688
7.21E-06	0.262565	3.930078	
0.25000	0.074301	0.046704	0.157688
7.21E-06	0.126165	3.917050	
0.50000	0.074301	0.046704	0.157688
7.21E-06	0.014183	3.904022	
0.75000	0.074301	0.046704	0.157688
7.21E-06	0.107405	3.890995	
1.00000	0.074301	0.046704	0.157688
7.21E-06	0.200627	3.877967	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087122	-0.071164	-0.107771
-1.09E-05	-0.172262	-3.930078	
0.25000	-0.087122	-0.071164	-0.107771
-1.09E-05	-0.079039	-3.917050	
0.50000	-0.087122	-0.071164	-0.107771
-1.09E-05	-0.014183	-3.904022	
0.75000	-0.087122	-0.071164	-0.107771
-1.09E-05	-0.146635	-3.890995	
1.00000	-0.087122	-0.071164	-0.107771
-1.09E-05	-0.280036	-3.877967	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
868

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 457 ========== LENGTH = 4.942837

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087457	-0.002863	-0.023296
4.90E-06	-0.061743	-1.509143	
0.25000	-0.087457	-0.002863	-0.023296
4.90E-06	-0.032956	-1.505605	
0.50000	-0.087457	-0.002863	-0.023296
4.90E-06	-0.004170	-1.502068	
0.75000	-0.087457	-0.002863	-0.023296
4.90E-06	0.024617	-1.498531	
1.00000	-0.087457	-0.002863	-0.023296
4.90E-06	0.053404	-1.494993	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074801	0.046359	-0.051290
-1.21E-05	0.114544	3.321117	
0.25000	0.074801	0.046359	-0.051290
-1.21E-05	-0.051164	3.263831	
0.50000	0.074801	0.046359	-0.051290
-1.21E-05	0.012216	3.206544	
0.75000	0.074801	0.046359	-0.051290
-1.21E-05	0.075596	3.149257	
1.00000	0.074801	0.046359	-0.051290
-1.21E-05	0.138976	3.091971	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.021751	-0.092706	0.098268
7.47E-07	0.233010	-2.227684	
0.25000	0.021751	-0.092706	0.098268
7.47E-07	0.111580	-2.113127	
0.50000	0.021751	-0.092706	0.098268
7.47E-07	-0.009850	-1.998569	
0.75000	0.021751	-0.092706	0.098268
7.47E-07	-0.131281	-1.884012	
1.00000	0.021751	-0.092706	0.098268
7.47E-07	-0.252711	-1.769454	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003517	0.066554	-0.030743
5.65E-06	-0.073660	0.550781	
0.25000	-0.003517	0.066554	-0.030743
5.65E-06	-0.035671	0.468540	
0.50000	-0.003517	0.066554	-0.030743
5.65E-06	0.002318	0.386298	
0.75000	-0.003517	0.066554	-0.030743
5.65E-06	0.040308	0.304057	
1.00000	-0.003517	0.066554	-0.030743
5.65E-06	0.078297	0.221815	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006592	-0.021141	0.008555
9.82E-07	0.020517	-0.164656	
0.25000	-0.006592	-0.021141	0.008555
9.82E-07	0.009946	-0.138533	
0.50000	-0.006592	-0.021141	0.008555
9.82E-07	-0.000625	-0.112409	
0.75000	-0.006592	-0.021141	0.008555
9.82E-07	-0.011196	-0.086285	
1.00000	-0.006592	-0.021141	0.008555
9.82E-07	-0.021768	-0.060162	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001014	0.003796	-0.001493
-1.78E-07	-0.003580	0.029584	
0.25000	0.001014	0.003796	-0.001493
-1.78E-07	-0.001735	0.024894	
0.50000	0.001014	0.003796	-0.001493
-1.78E-07	0.000110	0.020204	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
869

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.001014	0.003796	-0.001493
-1.78E-07	0.001956	0.015513	
1.00000	0.001014	0.003796	-0.001493
-1.78E-07	0.003801	0.010823	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072298	-0.116709	0.083527
6.63E-06	0.191784	-3.901483	
0.25000	-0.072298	-0.116709	0.083527
6.63E-06	0.088570	-3.757265	
0.50000	-0.072298	-0.116709	0.083527
6.63E-06	-0.014645	-3.613046	
0.75000	-0.072298	-0.116709	0.083527
6.63E-06	-0.117860	-3.468828	
1.00000	-0.072298	-0.116709	0.083527
6.63E-06	-0.221074	-3.324609	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.072298	0.116709	-0.083527
-6.63E-06	-0.191784	3.901483	
0.25000	0.072298	0.116709	-0.083527
-6.63E-06	-0.088570	3.757265	
0.50000	0.072298	0.116709	-0.083527
-6.63E-06	0.014645	3.613046	
0.75000	0.072298	0.116709	-0.083527
-6.63E-06	0.117860	3.468828	
1.00000	0.072298	0.116709	-0.083527
-6.63E-06	0.221074	3.324609	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074801	0.116709	0.098268
6.63E-06	0.233010	3.901483	
0.25000	0.074801	0.116709	0.098268
6.63E-06	0.111580	3.757265	
0.50000	0.074801	0.116709	0.098268
6.63E-06	0.014645	3.613046	
0.75000	0.074801	0.116709	0.098268
6.63E-06	0.117860	3.468828	
1.00000	0.074801	0.116709	0.098268
6.63E-06	0.221074	3.324609	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087457	-0.116709	-0.083527
-1.21E-05	-0.191784	-3.901483	
0.25000	-0.087457	-0.116709	-0.083527
-1.21E-05	-0.088570	-3.757265	
0.50000	-0.087457	-0.116709	-0.083527
-1.21E-05	-0.014645	-3.613046	
0.75000	-0.087457	-0.116709	-0.083527
-1.21E-05	-0.131281	-3.468828	
1.00000	-0.087457	-0.116709	-0.083527
-1.21E-05	-0.252711	-3.324609	

ELEM 458 ========== LENGTH = 4.943095

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090167	-0.044138	-0.012665
5.17E-06	-0.035837	-1.489578	
0.25000	-0.090167	-0.044138	-0.012665
5.17E-06	-0.020185	-1.435034	
0.50000	-0.090167	-0.044138	-0.012665
5.17E-06	-0.004533	-1.380490	
0.75000	-0.090167	-0.044138	-0.012665
5.17E-06	0.011118	-1.325945	
1.00000	-0.090167	-0.044138	-0.012665
5.17E-06	0.026770	-1.271401	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
870

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073484	0.143895	-0.078097
-1.69E-05	-0.183738	3.110926	
0.25000	0.073484	0.143895	-0.078097
-1.69E-05	-0.087228	2.933103	
0.50000	0.073484	0.143895	-0.078097
-1.69E-05	0.009283	2.755281	
0.75000	0.073484	0.143895	-0.078097
-1.69E-05	0.105794	2.577459	
1.00000	0.073484	0.143895	-0.078097
-1.69E-05	0.202305	2.399637	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024986	-0.165409	0.117363
8.00E-06	0.285113	-1.801162	
0.25000	0.024986	-0.165409	0.117363
8.00E-06	0.140079	-1.596754	
0.50000	0.024986	-0.165409	0.117363
8.00E-06	-0.004955	-1.392346	
0.75000	0.024986	-0.165409	0.117363
8.00E-06	-0.149990	-1.187938	
1.00000	0.024986	-0.165409	0.117363
8.00E-06	-0.295024	-0.983530	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003842	0.083884	-0.034116
4.77E-06	-0.084145	0.231486	
0.25000	-0.003842	0.083884	-0.034116
4.77E-06	-0.041986	0.127825	
0.50000	-0.003842	0.083884	-0.034116
4.77E-06	0.000173	0.024164	
0.75000	-0.003842	0.083884	-0.034116
4.77E-06	0.042332	-0.079497	
1.00000	-0.003842	0.083884	-0.034116
4.77E-06	0.084491	-0.183158	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005174	-0.022225	0.009105
-1.29E-06	0.022542	-0.062988	
0.25000	-0.005174	-0.022225	0.009105
-1.29E-06	0.011291	-0.035524	
0.50000	-0.005174	-0.022225	0.009105
-1.29E-06	3.97E-05	-0.008059	
0.75000	-0.005174	-0.022225	0.009105
-1.29E-06	-0.011211	0.019406	
1.00000	-0.005174	-0.022225	0.009105
-1.29E-06	-0.022463	0.046871	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000714	0.003993	-0.001589
2.30E-07	-0.003935	0.011317	
0.25000	0.000714	0.003993	-0.001589
2.30E-07	-0.001971	0.006383	
0.50000	0.000714	0.003993	-0.001589
2.30E-07	-7.19E-06	0.001450	
0.75000	0.000714	0.003993	-0.001589
2.30E-07	0.001956	-0.003484	
1.00000	0.000714	0.003993	-0.001589
2.30E-07	0.003920	-0.008418	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070356	-0.231772	0.113802
1.19E-05	0.271818	-3.353729	
0.25000	-0.070356	-0.231772	0.113802
1.19E-05	0.131185	-3.067312	
0.50000	-0.070356	-0.231772	0.113802
1.19E-05	-0.009449	-2.780894	
0.75000	-0.070356	-0.231772	0.113802
1.19E-05	-0.150083	-2.494477	
1.00000	-0.070356	-0.231772	0.113802
1.19E-05	-0.290716	-2.208060	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
871

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070356	0.231772	-0.113802
-1.19E-05	-0.271818	3.353729	
0.25000	0.070356	0.231772	-0.113802
-1.19E-05	-0.131185	3.067312	
0.50000	0.070356	0.231772	-0.113802
-1.19E-05	0.009449	2.780894	
0.75000	0.070356	0.231772	-0.113802
-1.19E-05	0.150083	2.494477	
1.00000	0.070356	0.231772	-0.113802
-1.19E-05	0.290716	2.208060	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073484	0.231772	0.117363
1.19E-05	0.285113	3.353729	
0.25000	0.073484	0.231772	0.117363
1.19E-05	0.140079	3.067312	
0.50000	0.073484	0.231772	0.117363
1.19E-05	0.009449	2.780894	
0.75000	0.073484	0.231772	0.117363
1.19E-05	0.150083	2.577269	
1.00000	0.073484	0.231772	0.117363
1.19E-05	0.290716	2.399637	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090167	-0.231772	-0.113802
-1.69E-05	-0.271818	-3.353729	
0.25000	-0.090167	-0.231772	-0.113802
-1.69E-05	-0.131185	-3.067312	
0.50000	-0.090167	-0.231772	-0.113802
-1.69E-05	-0.009449	-2.780894	
0.75000	-0.090167	-0.231772	-0.113802
-1.69E-05	-0.150083	-2.494477	
1.00000	-0.090167	-0.231772	-0.113802
-1.69E-05	-0.295024	-2.208060	

ELEM 459 ========== LENGTH = 4.943480

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094506	-0.016317	-0.002387
4.04E-06	-0.009865	-1.269128	
0.25000	-0.094506	-0.016317	-0.002387
4.04E-06	-0.006914	-1.248963	
0.50000	-0.094506	-0.016317	-0.002387
4.04E-06	-0.003964	-1.228798	
0.75000	-0.094506	-0.016317	-0.002387
4.04E-06	-0.001013	-1.208632	
1.00000	-0.094506	-0.016317	-0.002387
4.04E-06	0.001938	-1.188467	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070625	0.098988	-0.098939
-1.69E-05	-0.237138	2.425692	
0.25000	0.070625	0.098988	-0.098939
-1.69E-05	-0.114862	2.303356	
0.50000	0.070625	0.098988	-0.098939
-1.69E-05	0.007413	2.181020	
0.75000	0.070625	0.098988	-0.098939
-1.69E-05	0.129689	2.058684	
1.00000	0.070625	0.098988	-0.098939
-1.69E-05	0.251964	1.936348	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.034629	-0.162556	0.127555
1.07E-05	0.312788	-1.019645	
0.25000	0.034629	-0.162556	0.127555
1.07E-05	0.155147	-0.818746	
0.50000	0.034629	-0.162556	0.127555
1.07E-05	-0.002494	-0.617848	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
872

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.034629	-0.162556	0.127555
1.07E-05	0.169135	-0.416950	
1.00000	0.034629	-0.162556	0.127555
1.07E-05	-0.317777	-0.216051	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005030	0.103329	-0.033157
3.84E-06	-0.083235	-0.173126	
0.25000	-0.005030	0.103329	-0.033157
3.84E-06	-0.042257	-0.300828	
0.50000	-0.005030	0.103329	-0.033157
3.84E-06	-0.001279	-0.428530	
0.75000	-0.005030	0.103329	-0.033157
3.84E-06	0.039699	-0.556231	
1.00000	-0.005030	0.103329	-0.033157
3.84E-06	0.080677	-0.683933	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006631	-0.028578	0.008391
-2.09E-06	0.021134	0.044150	
0.25000	-0.006631	-0.028578	0.008391
-2.09E-06	0.010764	0.079469	
0.50000	-0.006631	-0.028578	0.008391
-2.09E-06	0.000395	0.114788	
0.75000	-0.006631	-0.028578	0.008391
-2.09E-06	-0.009975	0.150107	
1.00000	-0.006631	-0.028578	0.008391
-2.09E-06	-0.020345	0.185426	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000913	0.005134	-0.001462
3.73E-07	-0.003684	-0.007943	
0.25000	0.000913	0.005134	-0.001462
3.73E-07	-0.001877	-0.014288	
0.50000	0.000913	0.005134	-0.001462
3.73E-07	-7.06E-05	-0.020633	
0.75000	0.000913	0.005134	-0.001462
3.73E-07	0.001736	-0.026978	
1.00000	0.000913	0.005134	-0.001462
3.73E-07	0.003543	-0.033323	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.066508	-0.207451	0.133558
1.27E-05	0.324057	-2.244623	
0.25000	-0.066508	-0.207451	0.133558
1.27E-05	0.158997	-1.988240	
0.50000	-0.066508	-0.207451	0.133558
1.27E-05	-0.006063	-1.731858	
0.75000	-0.066508	-0.207451	0.133558
1.27E-05	-0.171123	-1.475475	
1.00000	-0.066508	-0.207451	0.133558
1.27E-05	-0.336184	-1.219092	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066508	0.207451	-0.133558
-1.27E-05	-0.324057	2.244623	
0.25000	0.066508	0.207451	-0.133558
-1.27E-05	-0.158997	1.988240	
0.50000	0.066508	0.207451	-0.133558
-1.27E-05	0.006063	1.731858	
0.75000	0.066508	0.207451	-0.133558
-1.27E-05	0.171123	1.475475	
1.00000	0.066508	0.207451	-0.133558
-1.27E-05	0.336184	1.219092	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070625	0.207451	0.133558
1.27E-05	0.324057	2.425692	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
873

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.070625	0.207451	0.133558
1.27E-05	0.158997	2.303356	
0.50000	0.070625	0.207451	0.133558
1.27E-05	0.007413	2.181020	
0.75000	0.070625	0.207451	0.133558
1.27E-05	0.171123	2.058684	
1.00000	0.070625	0.207451	0.133558
1.27E-05	0.336184	1.936348	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094506	-0.207451	-0.133558
-1.69E-05	-0.324057	-2.244623	
0.25000	-0.094506	-0.207451	-0.133558
-1.69E-05	-0.158997	-1.988240	
0.50000	-0.094506	-0.207451	-0.133558
-1.69E-05	-0.006063	-1.731858	
0.75000	-0.094506	-0.207451	-0.133558
-1.69E-05	-0.171123	-1.475475	
1.00000	-0.094506	-0.207451	-0.133558
-1.69E-05	-0.336184	-1.219092	

ELEM 460 ========== LENGTH = 4.943051

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098090	-0.056644	0.006515
2.43E-06	0.012722	-1.189112	
0.25000	-0.098090	-0.056644	0.006515
2.43E-06	0.004670	-1.119113	
0.50000	-0.098090	-0.056644	0.006515
2.43E-06	-0.003381	-1.049114	
0.75000	-0.098090	-0.056644	0.006515
2.43E-06	-0.011432	-0.979115	
1.00000	-0.098090	-0.056644	0.006515
2.43E-06	-0.019484	-0.909116	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.067838	0.177349	-0.114657
-1.50E-05	-0.278217	1.968167	
0.25000	0.067838	0.177349	-0.114657
-1.50E-05	-0.136529	1.749005	
0.50000	0.067838	0.177349	-0.114657
-1.50E-05	0.005160	1.529844	
0.75000	0.067838	0.177349	-0.114657
-1.50E-05	0.146848	1.310683	
1.00000	0.067838	0.177349	-0.114657
-1.50E-05	0.288536	1.091521	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043013	-0.197985	0.130812
1.17E-05	0.323847	-0.254560	
0.25000	0.043013	-0.197985	0.130812
1.17E-05	0.162194	-0.009897	
0.50000	0.043013	-0.197985	0.130812
1.17E-05	0.000542	0.234766	
0.75000	0.043013	-0.197985	0.130812
1.17E-05	-0.161111	0.479429	
1.00000	0.043013	-0.197985	0.130812
1.17E-05	-0.322763	0.724092	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005507	0.099623	-0.028333
2.31E-06	-0.073018	-0.674708	
0.25000	-0.005507	0.099623	-0.028333
2.31E-06	-0.038006	-0.797818	
0.50000	-0.005507	0.099623	-0.028333
2.31E-06	-0.002993	-0.920929	
0.75000	-0.005507	0.099623	-0.028333
2.31E-06	0.032020	-1.044040	
1.00000	-0.005507	0.099623	-0.028333
2.31E-06	0.067033	-1.167150	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
874

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008396	-0.027236	0.006852
-1.82E-06	0.011753	0.183139	
0.25000	-0.008396	-0.027236	0.006852
-1.82E-06	0.009285	0.216796	
0.50000	-0.008396	-0.027236	0.006852
-1.82E-06	0.000818	0.250452	
0.75000	-0.008396	-0.027236	0.006852
-1.82E-06	-0.007649	0.284109	
1.00000	-0.008396	-0.027236	0.006852
-1.82E-06	-0.016116	0.317766	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001143	0.004893	-0.001189
3.25E-07	-0.003486	-0.032925	
0.25000	0.001143	0.004893	-0.001189
3.25E-07	-0.001616	-0.038972	
0.50000	0.001143	0.004893	-0.001189
3.25E-07	-0.000146	-0.045019	
0.75000	0.001143	0.004893	-0.001189
3.25E-07	0.001324	-0.051066	
1.00000	0.001143	0.004893	-0.001189
3.25E-07	0.002794	-0.057113	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063474	-0.281866	0.144179
1.23E-05	0.354322	-1.260534	
0.25000	-0.063474	-0.281866	0.144179
1.23E-05	0.176150	-0.912215	
0.50000	-0.063474	-0.281866	0.144179
1.23E-05	-0.002021	-0.563896	
0.75000	-0.063474	-0.281866	0.144179
1.23E-05	-0.180192	-0.215577	
1.00000	-0.063474	-0.281866	0.144179
1.23E-05	-0.358363	0.132742	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.063474	0.281866	-0.144179
-1.23E-05	-0.354322	1.260534	
0.25000	0.063474	0.281866	-0.144179
-1.23E-05	-0.176150	0.912215	
0.50000	0.063474	0.281866	-0.144179
-1.23E-05	0.002021	0.563896	
0.75000	0.063474	0.281866	-0.144179
-1.23E-05	0.180192	0.215577	
1.00000	0.063474	0.281866	-0.144179
-1.23E-05	0.358363	-0.132742	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.067838	0.281866	0.144179
1.23E-05	0.354322	1.968167	
0.25000	0.067838	0.281866	0.144179
1.23E-05	0.176150	1.749005	
0.50000	0.067838	0.281866	0.144179
1.23E-05	0.005160	1.529844	
0.75000	0.067838	0.281866	0.144179
1.23E-05	0.180192	1.310683	
1.00000	0.067838	0.281866	0.144179
1.23E-05	0.358363	1.091521	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.098090	-0.281866	-0.144179
-1.50E-05	-0.354322	-1.260534	
0.25000	-0.098090	-0.281866	-0.144179
-1.50E-05	-0.176150	-1.119113	
0.50000	-0.098090	-0.281866	-0.144179
-1.50E-05	-0.003381	-1.049114	
0.75000	-0.098090	-0.281866	-0.144179
-1.50E-05	-0.180192	-1.044040	
1.00000	-0.098090	-0.281866	-0.144179
-1.50E-05	-0.358363	-1.167150	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
875

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 461 ========== LENGTH = 4.942686

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099613	-0.055994	0.013607
8.52E-07	0.031189	-0.912161	
0.25000	-0.099613	-0.055994	0.013607
8.52E-07	0.014374	-0.842971	
0.50000	-0.099613	-0.055994	0.013607
8.52E-07	-0.002440	-0.773781	
0.75000	-0.099613	-0.055994	0.013607
8.52E-07	-0.019254	-0.704591	
1.00000	-0.099613	-0.055994	0.013607
8.52E-07	-0.036068	-0.635401	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061878	0.174196	-0.124025
-1.31E-05	-0.284212	1.112712	
0.25000	0.061878	0.174196	-0.124025
-1.31E-05	-0.150958	0.911863	
0.50000	0.061878	0.174196	-0.124025
-1.31E-05	0.002297	0.696614	
0.75000	0.061878	0.174196	-0.124025
-1.31E-05	0.155551	0.481365	
1.00000	0.061878	0.174196	-0.124025
-1.31E-05	0.308806	0.266116	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051193	-0.193041	0.126192
1.31E-05	0.315597	0.685762	
0.25000	0.051193	-0.193041	0.126192
1.31E-05	0.159665	0.924297	
0.50000	0.051193	-0.193041	0.126192
1.31E-05	0.003732	1.162832	
0.75000	0.051193	-0.193041	0.126192
1.31E-05	0.152200	1.401367	
1.00000	0.051193	-0.193041	0.126192
1.31E-05	-0.308133	1.639901	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005505	0.096511	-0.019424
-5.35E-08	-0.052602	-1.159968	
0.25000	-0.005505	0.096511	-0.019424
-5.35E-08	-0.028600	-1.279223	
0.50000	-0.005505	0.096511	-0.019424
-5.35E-08	-0.004598	-1.398479	
0.75000	-0.005505	0.096511	-0.019424
-5.35E-08	0.019404	-1.517735	
1.00000	-0.005505	0.096511	-0.019424
-5.35E-08	0.043406	-1.636990	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009109	-0.026419	0.004407
-9.79E-07	0.012119	0.316075	
0.25000	-0.009109	-0.026419	0.004407
-9.79E-07	0.006674	0.348720	
0.50000	-0.009109	-0.026419	0.004407
-9.79E-07	0.001228	0.381366	
0.75000	-0.009109	-0.026419	0.004407
-9.79E-07	-0.004218	0.414012	
1.00000	-0.009109	-0.026419	0.004407
-9.79E-07	-0.009663	0.446657	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001156	0.004747	-0.000757
1.74E-07	-0.002091	-0.056820	
0.25000	0.001156	0.004747	-0.000757
1.74E-07	-0.001155	-0.062686	
0.50000	0.001156	0.004747	-0.000757
1.74E-07	-0.000219	-0.068552	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
876

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.001156	0.004747	-0.000757
1.74E-07	0.000716	-0.074417	
1.00000	0.001156	0.004747	-0.000757
1.74E-07	0.001652	-0.080283	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.057529	-0.275454	0.144207
1.30E-05	0.358905	0.089676	
0.25000	-0.057529	-0.275454	0.144207
1.30E-05	0.180713	0.430046	
0.50000	-0.057529	-0.275454	0.144207
1.30E-05	0.002521	0.770417	
0.75000	-0.057529	-0.275454	0.144207
1.30E-05	-0.175672	1.110787	
1.00000	-0.057529	-0.275454	0.144207
1.30E-05	-0.353864	1.451157	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.057529	0.275454	-0.144207
-1.30E-05	-0.358905	-0.089676	
0.25000	0.057529	0.275454	-0.144207
-1.30E-05	-0.180713	-0.430046	
0.50000	0.057529	0.275454	-0.144207
-1.30E-05	-0.002521	-0.770417	
0.75000	0.057529	0.275454	-0.144207
-1.30E-05	0.175672	-1.110787	
1.00000	0.057529	0.275454	-0.144207
-1.30E-05	0.353864	-1.451157	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061878	0.275454	0.144207
1.31E-05	0.358905	1.127112	
0.25000	0.061878	0.275454	0.144207
1.31E-05	0.180713	0.924297	
0.50000	0.061878	0.275454	0.144207
1.31E-05	0.003732	1.162832	
0.75000	0.061878	0.275454	0.144207
1.31E-05	0.175672	1.401367	
1.00000	0.061878	0.275454	0.144207
1.31E-05	0.353864	1.639901	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099613	-0.275454	-0.144207
-1.31E-05	-0.358905	-1.159968	
0.25000	-0.099613	-0.275454	-0.144207
-1.31E-05	-0.180713	-1.279223	
0.50000	-0.099613	-0.275454	-0.144207
-1.31E-05	-0.004598	-1.398479	
0.75000	-0.099613	-0.275454	-0.144207
-1.31E-05	-0.175672	-1.517735	
1.00000	-0.099613	-0.275454	-0.144207
-1.31E-05	-0.353864	-1.636990	

ELEM 462 ========== LENGTH = 4.943447

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.099442	-0.057654	0.018460
-3.71E-07	0.044102	-0.642216	
0.25000	-0.099442	-0.057654	0.018460
-3.71E-07	0.021288	-0.568963	
0.50000	-0.099442	-0.057654	0.018460
-3.71E-07	-0.001526	-0.497710	
0.75000	-0.099442	-0.057654	0.018460
-3.71E-07	-0.024339	-0.426458	
1.00000	-0.099442	-0.057654	0.018460
-3.71E-07	-0.047153	-0.355205	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
877

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055381	0.178220	-0.126346
-1.20E-05	-0.312801	0.303430	
0.25000	0.055381	0.178220	-0.126346
-1.20E-05	-0.156655	0.083175	
0.50000	0.055381	0.178220	-0.126346
-1.20E-05	-0.000509	-0.137081	
0.75000	0.055381	0.178220	-0.126346
-1.20E-05	0.155636	-0.357336	
1.00000	0.055381	0.178220	-0.126346
-1.20E-05	0.311782	-0.577592	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.056446	-0.196221	0.113544
1.54E-05	0.287570	1.604143	
0.25000	0.056446	-0.196221	0.113544
1.54E-05	0.147245	1.846645	
0.50000	0.056446	-0.196221	0.113544
1.54E-05	0.006920	2.089147	
0.75000	0.056446	-0.196221	0.113544
1.54E-05	-0.133405	2.331649	
1.00000	0.056446	-0.196221	0.113544
1.54E-05	-0.273731	2.574151	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004203	0.097423	-0.006499
-3.10E-06	-0.022315	-1.633046	
0.25000	-0.004203	0.097423	-0.006499
-3.10E-06	-0.014284	-1.753447	
0.50000	-0.004203	0.097423	-0.006499
-3.10E-06	-0.006252	-1.873848	
0.75000	-0.004203	0.097423	-0.006499
-3.10E-06	0.001780	-1.994248	
1.00000	-0.004203	0.097423	-0.006499
-3.10E-06	0.009811	-2.114649	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009202	-0.026537	0.000995
1.37E-07	0.004123	0.445832	
0.25000	-0.009202	-0.026537	0.000995
1.37E-07	0.002894	0.478627	
0.50000	-0.009202	-0.026537	0.000995
1.37E-07	0.001665	0.511423	
0.75000	-0.009202	-0.026537	0.000995
1.37E-07	0.000435	0.544218	
1.00000	-0.009202	-0.026537	0.000995
1.37E-07	-0.000794	0.577014	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001019	0.004769	-0.000154
-2.64E-08		-0.000679	-0.080143	
0.25000		0.001019	0.004769	-0.000154
-2.64E-08		-0.000488	-0.086037	
0.50000		0.001019	0.004769	-0.000154
-2.64E-08		-0.000297	-0.091931	
0.75000		0.001019	0.004769	-0.000154
-2.64E-08		-0.000107	-0.097825	
1.00000		0.001019	0.004769	-0.000154
-2.64E-08		8.41E-05	-0.103719	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.052197	-0.280412	0.132999
1.52E-05		0.335794	1.409759	
0.25000		-0.052197	-0.280412	0.132999
1.52E-05		0.171426	1.756309	
0.50000		-0.052197	-0.280412	0.132999
1.52E-05		0.007058	2.102859	
0.75000		-0.052197	-0.280412	0.132999
1.52E-05		-0.157309	2.449410	
1.00000		-0.052197	-0.280412	0.132999
1.52E-05		-0.321677	2.795960	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
878

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.052197	0.280412	-0.132999
-1.52E-05		-0.335794	-1.409759	
0.25000		0.052197	0.280412	-0.132999
-1.52E-05		-0.171426	-1.756309	
0.50000		0.052197	0.280412	-0.132999
-1.52E-05		-0.007058	-2.102859	
0.75000		0.052197	0.280412	-0.132999
-1.52E-05		0.157309	-2.449410	
1.00000		0.052197	0.280412	-0.132999
-1.52E-05		0.321677	-2.795960	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.056446	0.280412	0.132999
1.54E-05		0.335794	1.604143	
0.25000		0.056446	0.280412	0.132999
1.54E-05		0.171426	1.846645	
0.50000		0.056446	0.280412	0.132999
1.54E-05		0.007058	2.102859	
0.75000		0.056446	0.280412	0.132999
1.54E-05		0.157309	2.449410	
1.00000		0.056446	0.280412	0.132999
1.54E-05		0.321677	2.795960	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.099442	-0.280412	-0.132999
-1.52E-05		-0.335794	-1.633046	
0.25000		-0.099442	-0.280412	-0.132999
-1.52E-05		-0.171426	-1.756309	
0.50000		-0.099442	-0.280412	-0.132999
-1.52E-05		-0.007058	-2.102859	
0.75000		-0.099442	-0.280412	-0.132999
-1.52E-05		-0.157309	-2.449410	
1.00000		-0.099442	-0.280412	-0.132999
-1.52E-05		-0.321677	-2.795960	

ELEM 463 ========== LENGTH = 4.942379

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.098244	-0.058934	0.021066
-1.15E-06		0.051491	-0.361126	
0.25000		-0.098244	-0.058934	0.021066
-1.15E-06		0.025461	-0.288308	
0.50000		-0.098244	-0.058934	0.021066
-1.15E-06		-0.000568	-0.215490	
0.75000		-0.098244	-0.058934	0.021066
-1.15E-06		-0.026598	-0.142672	
1.00000		-0.098244	-0.058934	0.021066
-1.15E-06		-0.052627	-0.069854	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.049890	0.137886	-0.122192
-1.19E-05		-0.305010	-0.540569	
0.25000		0.049890	0.137886	-0.122192
-1.19E-05		-0.154031	-0.710940	
0.50000		0.049890	0.137886	-0.122192
-1.19E-05		-0.003051	-0.881311	
0.75000		0.049890	0.137886	-0.122192
-1.19E-05		0.147928	-1.051682	
1.00000		0.049890	0.137886	-0.122192
-1.19E-05		0.298908	-1.222053	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.058344	-0.099091	0.094052
1.83E-05		0.241723	2.543206	
0.25000		0.058344	-0.099091	0.094052
1.83E-05		0.125513	2.665643	
0.50000		0.058344	-0.099091	0.094052
1.83E-05		0.009303	2.788080	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
879

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.058344	-0.099091	0.094052
1.83E-05		0.010307	2.910517	
1.00000		0.058344	-0.099091	0.094052
1.83E-05		-0.223117	3.032954	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001627	0.025767	0.009729
-6.36E-06		0.016767	-2.115063	
0.25000		-0.001627	0.025767	0.009729
-6.36E-06		0.004747	-2.146901	
0.50000		-0.001627	0.025767	0.009729
-6.36E-06		-0.007274	-2.178739	
0.75000		-0.001627	0.025767	0.009729
-6.36E-06		-0.019294	-2.210577	
1.00000		-0.001627	0.025767	0.009729
-6.36E-06		-0.031315	-2.242415	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009177	-0.006861	-0.003250
1.35E-06		-0.006096	0.577332	
0.25000		-0.009177	-0.006861	-0.003250
1.35E-06		-0.002081	0.585810	
0.50000		-0.009177	-0.006861	-0.003250
1.35E-06		0.001935	0.594288	
0.75000		-0.009177	-0.006861	-0.003250
1.35E-06		0.005951	0.602765	
1.00000		-0.009177	-0.006861	-0.003250
1.35E-06		0.009967	0.611243	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000814	0.001233	0.000595
-2.45E-07		0.001125	-0.103781	
0.25000		0.000814	0.001233	0.000595
-2.45E-07		0.000390	-0.105305	
0.50000		0.000814	0.001233	0.000595
-2.45E-07		-0.000345	-0.106828	
0.75000		0.000814	0.001233	0.000595
-2.45E-07		-0.001081	-0.108352	
1.00000		0.000814	0.001233	0.000595
-2.45E-07		-0.001816	-0.109875	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.049077	-0.164886	0.111868
1.85E-05		0.287118	2.759413	
0.25000		-0.049077	-0.164886	0.111868
1.85E-05		0.148894	2.963146	
0.50000		-0.049077	-0.164886	0.111868
1.85E-05		0.010670	3.166878	
0.75000		-0.049077	-0.164886	0.111868
1.85E-05		-0.127554	3.370610	
1.00000		-0.049077	-0.164886	0.111868
1.85E-05		-0.265777	3.574343	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.049077	0.164886	-0.111868
-1.85E-05		-0.287118	-2.759413	
0.25000		0.049077	0.164886	-0.111868
-1.85E-05		-0.148894	-2.963146	
0.50000		0.049077	0.164886	-0.111868
-1.85E-05		-0.010670	-3.166878	
0.75000		0.049077	0.164886	-0.111868
-1.85E-05		0.127554	-3.370610	
1.00000		0.049077	0.164886	-0.111868
-1.85E-05		0.265777	-3.574343	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.058344	0.164886	0.111868
1.85E-05		0.287118	2.759413	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
880

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.058344	0.164886	0.111868
1.85E-05		0.148894	2.963146	
0.50000		0.058344	0.164886	0.111868
1.85E-05		0.010670	3.166878	
0.75000		0.058344	0.164886	0.111868
1.85E-05		0.147928	3.370610	
1.00000		0.058344	0.164886	0.111868
1.85E-05		0.298908	3.574343	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.098244	-0.164886	-0.122192
-1.85E-05		-0.305010	-2.759413	
0.25000		-0.098244	-0.164886	-0.122192
-1.85E-05		-0.154031	-2.963146	
0.50000		-0.098244	-0.164886	-0.122192
-1.85E-05		-0.010670	-3.166878	
0.75000		-0.098244	-0.164886	-0.122192
-1.85E-05		-0.127554	-3.370610	
1.00000		-0.098244	-0.164886	-0.122192
-1.85E-05		-0.265777	-3.574343	

ELEM 464 ========== LENGTH = 4.943351

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.096171	-0.048327	0.021513
-1.48E-06		0.053419	-0.076216	
0.25000		-0.096171	-0.048327	0.021513
-1.48E-06		0.026832	-0.016491	
0.50000		-0.096171	-0.048327	0.021513
-1.48E-06		0.000246	0.043234	
0.75000		-0.096171	-0.048327	0.021513
-1.48E-06		-0.026340	0.102959	
1.00000		-0.096171	-0.048327	0.021513
-1.48E-06		-0.052927	0.162684	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.042781	0.146874	-0.112231
-1.17E-05		-0.282533	-1.187044	
0.25000		0.042781	0.146874	-0.112231
-1.17E-05		-0.143834	-1.368557	
0.50000		0.042781	0.146874	-0.112231
-1.17E-05		-0.005134	-1.550069	
0.75000		0.042781	0.146874	-0.112231
-1.17E-05		0.133565	-1.731582	
1.00000		0.042781	0.146874	-0.112231
-1.17E-05		0.272264	-1.913095	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.060347	-0.157364	0.068919
1.99E-05		0.181695	3.008413	
0.25000		0.060347	-0.157364	0.068919
1.99E-05		0.096523	3.202889	
0.50000		0.060347	-0.157364	0.068919
1.99E-05		0.011351	3.397365	
0.75000		0.060347	-0.157364	0.068919
1.99E-05		-0.073821	3.591841	
1.00000		0.060347	-0.157364	0.068919
1.99E-05		-0.158993	3.786317	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001759	0.075450	0.028482
-8.70E-06		0.062128	-2.247876	
0.25000		0.001759	0.075450	0.028482
-8.70E-06		0.026929	-2.341121	
0.50000		0.001759	0.075450	0.028482
-8.70E-06		-0.008270	-2.434365	
0.75000		0.001759	0.075450	0.028482
-8.70E-06		-0.043468	-2.527610	
1.00000		0.001759	0.075450	0.028482
-8.70E-06		-0.078667	-2.620854	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
881

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009288	-0.020282	-0.008139
2.44E-06		-0.017918	0.612896	
0.25000		-0.009288	-0.020282	-0.008139
2.44E-06		-0.007859	0.637961	
0.50000		-0.009288	-0.020282	-0.008139
2.44E-06		0.002199	0.663026	
0.75000		-0.009288	-0.020282	-0.008139
2.44E-06		0.012258	0.688091	
1.00000		-0.009288	-0.020282	-0.008139
2.44E-06		0.022317	0.713156	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000572	0.003648	0.001457
-4.40E-07		0.003229	-0.110173	
0.25000		0.000572	0.003648	0.001457
-4.40E-07		0.001409	-0.114682	
0.50000		0.000572	0.003648	0.001457
-4.40E-07		-0.000392	-0.119190	
0.75000		0.000572	0.003648	0.001457
-4.40E-07		-0.002193	-0.123698	
1.00000		0.000572	0.003648	0.001457
-4.40E-07		-0.003994	-0.128207	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.045112	-0.225973	0.082292
2.09E-05		0.217196	3.545093	
0.25000		-0.045112	-0.225973	0.082292
2.09E-05		0.115496	3.824359	
0.50000		-0.045112	-0.225973	0.082292
2.09E-05		0.013796	4.103625	
0.75000		-0.045112	-0.225973	0.082292
2.09E-05		-0.087904	4.382891	
1.00000		-0.045112	-0.225973	0.082292
2.09E-05		-0.189603	4.662157	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.045112	0.225973	-0.082292
-2.09E-05		-0.217196	-3.545093	
0.25000		0.045112	0.225973	-0.082292
-2.09E-05		-0.115496	-3.824359	
0.50000		0.045112	0.225973	-0.082292
-2.09E-05		-0.013796	-4.103625	
0.75000		0.045112	0.225973	-0.082292
-2.09E-05		0.087904	-4.382891	
1.00000		0.045112	0.225973	-0.082292
-2.09E-05		0.189603	-4.662157	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.060347	0.225973	0.082292
2.09E-05		0.217196	3.545093	
0.25000		0.060347	0.225973	0.082292
2.09E-05		0.115496	3.824359	
0.50000		0.060347	0.225973	0.082292
2.09E-05		0.013796	4.103625	
0.75000		0.060347	0.225973	0.082292
2.09E-05		0.133565	4.382891	
1.00000		0.060347	0.225973	0.082292
2.09E-05		0.272264	4.662157	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.096171	-0.225973	-0.112231
-2.09E-05		-0.282533	-3.545093	
0.25000		-0.096171	-0.225973	-0.112231
-2.09E-05		-0.143834	-3.824359	
0.50000		-0.096171	-0.225973	-0.112231
-2.09E-05		-0.013796	-4.103625	
0.75000		-0.096171	-0.225973	-0.112231
-2.09E-05		-0.087904	-4.382891	
1.00000		-0.096171	-0.225973	-0.112231
-2.09E-05		-0.189603	-4.662157	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
882

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 465 ========== LENGTH = 4.943558

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.094350	-0.038459	0.019418
-1.57E-06		0.049535	0.156531	
0.25000		-0.094350	-0.038459	0.019418
-1.57E-06		0.025537	0.204062	
0.50000		-0.094350	-0.038459	0.019418
-1.57E-06		0.001539	0.251593	
0.75000		-0.094350	-0.038459	0.019418
-1.57E-06		-0.022460	0.299125	
1.00000		-0.094350	-0.038459	0.019418
-1.57E-06		-0.046458	0.346656	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.037315	0.081440	-0.094048
-9.89E-06		-0.031742	-1.882064	
0.25000		0.037315	0.081440	-0.094048
-9.89E-06		-0.126009	-1.982715	
0.50000		0.037315	0.081440	-0.094048
-9.89E-06		-0.009776	-2.083365	
0.75000		0.037315	0.081440	-0.094048
-9.89E-06		0.106457	-2.184016	
1.00000		0.037315	0.081440	-0.094048
-9.89E-06		0.222691	-2.284666	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.061852	-0.042730	0.037914
1.73E-05		0.107676	3.770006	
0.25000		0.061852	-0.042730	0.037914
1.73E-05		0.060818	3.822816	
0.50000		0.061852	-0.042730	0.037914
1.73E-05		0.013960	3.875625	
0.75000		0.061852	-0.042730	0.037914
1.73E-05		-0.032897	3.928434	
1.00000		0.061852	-0.042730	0.037914
1.73E-05		-0.079755	3.981243	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004204	-0.001045	0.047430
-8.66E-06		0.109935	-2.632003	
0.25000		0.004204	-0.001045	0.047430
-8.66E-06		0.051317	-2.630712	
0.50000		0.004204	-0.001045	0.047430
-8.66E-06		0.007301	-2.629421	
0.75000		0.004204	-0.001045	0.047430
-8.66E-06		-0.065919	-2.628130	
1.00000		0.004204	-0.001045	0.047430
-8.66E-06		-0.124537	-2.626839	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009242	0.000970	-0.013032
3.45E-06		-0.030291	0.716296	
0.25000		-0.009242	0.000970	-0.013032
3.45E-06		-0.014185	0.715098	
0.50000		-0.009242	0.000970	-0.013032
3.45E-06		0.001921	0.713899	
0.75000		-0.009242	0.000970	-0.013032
3.45E-06		0.018026	0.712700	
1.00000		-0.009242	0.000970	-0.013032
3.45E-06		0.034132	0.711501	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000223	-0.000176	0.002318
-6.17E-07		0.005388	-0.128767	
0.25000		0.000223	-0.000176	0.002318
-6.17E-07		0.002523	-0.128549	
0.50000		0.000223	-0.000176	0.002318
-6.17E-07		-0.000343	-0.128331	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
883

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.000223	-0.000176	0.002318
-6.17E-07		-0.003208	-0.128114	
1.00000		0.000223	-0.000176	0.002318
-6.17E-07		-0.006073	-0.127896	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.041741	-0.080219	0.044300
1.92E-05		0.126920	4.642834	
0.25000		-0.041741	-0.080219	0.044300
1.92E-05		0.072170	4.741975	
0.50000		-0.041741	-0.080219	0.044300
1.92E-05		0.017420	4.841117	
0.75000		-0.041741	-0.080219	0.044300
1.92E-05		-0.037331	4.940259	
1.00000		-0.041741	-0.080219	0.044300
1.92E-05		-0.092081	5.039401	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041741	0.080219	-0.044300
-1.92E-05		-0.126920	-4.642834	
0.25000		0.041741	0.080219	-0.044300
-1.92E-05		-0.072170	-4.741975	
0.50000		0.041741	0.080219	-0.044300
-1.92E-05		-0.017420	-4.841117	
0.75000		0.041741	0.080219	-0.044300
-1.92E-05		0.037331	-4.940259	
1.00000		0.041741	0.080219	-0.044300
-1.92E-05		0.092081	-5.039401	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.061852	0.081440	0.047430
1.92E-05		0.126920	4.642834	
0.25000		0.061852	0.081440	0.047430
1.92E-05		0.072170	4.741975	
0.50000		0.061852	0.081440	0.047430
1.92E-05		0.017420	4.841117	
0.75000		0.061852	0.081440	0.047430
1.92E-05		0.106457	4.940259	
1.00000		0.061852	0.081440	0.047430
1.92E-05		0.222691	5.039401	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.094350	-0.080219	-0.094048
-1.92E-05		-0.242242	-4.642834	
0.25000		-0.094350	-0.080219	-0.094048
-1.92E-05		-0.126009	-4.741975	
0.50000		-0.094350	-0.080219	-0.094048
-1.92E-05		-0.017420	-4.841117	
0.75000		-0.094350	-0.080219	-0.094048
-1.92E-05		-0.065919	-4.940259	
1.00000		-0.094350	-0.080219	-0.094048
-1.92E-05		-0.124537	-5.039401	

ELEM 466 ========== LENGTH = 3.459332

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.092278	-0.019975	0.032497
-1.77E-06		0.058189	0.340383	
0.25000		-0.092278	-0.019975	0.032497
-1.77E-06		0.030084	0.357658	
0.50000		-0.092278	-0.019975	0.032497
-1.77E-06		0.001980	0.374932	
0.75000		-0.092278	-0.019975	0.032497
-1.77E-06		-0.026125	0.392207	
1.00000		-0.092278	-0.019975	0.032497
-1.77E-06		-0.054229	0.409482	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
884

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.029482	0.010610	-0.149328
-6.35E-06		-0.268619	-2.255357	
0.25000		0.029482	0.010610	-0.149328
-6.35E-06		-0.139475	-2.264533	
0.50000		0.029482	0.010610	-0.149328
-6.35E-06		-0.010332	-2.273708	
0.75000		0.029482	0.010610	-0.149328
-6.35E-06		0.118812	-2.282884	
1.00000		0.029482	0.010610	-0.149328
-6.35E-06		0.247956	-2.292059	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065190	0.059482	0.020407
1.04E-05		0.047508	3.973936	
0.25000		0.065190	0.059482	0.020407
1.04E-05		0.029859	3.922494	
0.50000		0.065190	0.059482	0.020407
1.04E-05		0.012210	3.871052	
0.75000		0.065190	0.059482	0.020407
1.04E-05		-0.005438	3.819610	
1.00000		0.065190	0.059482	0.020407
1.04E-05		-0.023087	3.768169	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.007218	-0.063823	0.123959
-5.87E-06		0.209492	-2.647057	
0.25000		0.007218	-0.063823	0.123959
-5.87E-06		0.102288	-2.591860	
0.50000		0.007218	-0.063823	0.123959
-5.87E-06		-0.004916	-2.536664	
0.75000		0.007218	-0.063823	0.123959
-5.87E-06		-0.112119	-2.481468	
1.00000		0.007218	-0.063823	0.123959
-5.87E-06		-0.219323	-2.426272	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009405	0.016682	-0.033473
4.41E-06		-0.056610	0.716961	
0.25000		-0.009405	0.016682	-0.033473
4.41E-06		-0.027661	0.702534	
0.50000		-0.009405	0.016682	-0.033473
4.41E-06		0.001287	0.688107	
0.75000		-0.009405	0.016682	-0.033473
4.41E-06		0.030236	0.673680	
1.00000		-0.009405	0.016682	-0.033473
4.41E-06		0.059185	0.659253	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000206	-0.002975	0.005938
-7.79E-07	0.010041	-0.128866	
0.25000	-0.000206	-0.002975	0.005938
-7.79E-07	0.004905	-0.126292	
0.50000	-0.000206	-0.002975	0.005938
-7.79E-07	-0.000230	-0.123719	
0.75000	-0.000206	-0.002975	0.005938
-7.79E-07	-0.005366	-0.121146	
1.00000	-0.000206	-0.002975	0.005938
-7.79E-07	-0.010502	-0.118573	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.036493	0.056189	0.019431
1.30E-05	0.049087	5.031279	
0.25000	-0.036493	0.056189	0.019431
1.30E-05	0.032282	4.982685	
0.50000	-0.036493	0.056189	0.019431
1.30E-05	0.015478	4.934092	
0.75000	-0.036493	0.056189	0.019431
1.30E-05	-0.001327	4.885498	
1.00000	-0.036493	0.056189	0.019431
1.30E-05	-0.018131	4.836904	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 885
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.036493	-0.056189	-0.019431
-1.30E-05	-0.049087	-5.031279	
0.25000	0.036493	-0.056189	-0.019431
-1.30E-05	-0.032282	-4.982685	
0.50000	0.036493	-0.056189	-0.019431
-1.30E-05	-0.015478	-4.934092	
0.75000	0.036493	-0.056189	-0.019431
-1.30E-05	0.001327	-4.885498	
1.00000	0.036493	-0.056189	-0.019431
-1.30E-05	0.018131	-4.836904	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065190	0.059482	0.123959
1.30E-05	0.203492	5.031279	
0.25000	0.065190	0.059482	0.123959
1.30E-05	0.102288	4.982685	
0.50000	0.065190	0.059482	0.123959
1.30E-05	0.015478	4.934092	
0.75000	0.065190	0.059482	0.123959
1.30E-05	0.118812	4.885498	
1.00000	0.065190	0.059482	0.123959
1.30E-05	0.247956	4.836904	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.092278	-0.063823	-0.149328
-1.30E-05	-0.268619	-5.031279	
0.25000	-0.092278	-0.063823	-0.149328
-1.30E-05	-0.139475	-4.982685	
0.50000	-0.092278	-0.063823	-0.149328
-1.30E-05	-0.015478	-4.934092	
0.75000	-0.092278	-0.063823	-0.149328
-1.30E-05	-0.112119	-4.885498	
1.00000	-0.092278	-0.063823	-0.149328
-1.30E-05	-0.219323	-4.836904	

ELEM 467 ========== LENGTH = 3.461020

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091024	-0.010729	0.027835
-2.57E-06	0.048902	0.403290	
0.25000	-0.091024	-0.010729	0.027835
-2.57E-06	0.024817	0.412573	
0.50000	-0.091024	-0.010729	0.027835
-2.57E-06	0.000732	0.421856	
0.75000	-0.091024	-0.010729	0.027835
-2.57E-06	-0.023353	0.431139	
1.00000	-0.091024	-0.010729	0.027835
-2.57E-06	-0.047437	0.440423	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.024368	0.058651	-0.122950
4.36E-06	-0.217155	-2.263986	
0.25000	0.024368	0.058651	-0.122950
4.36E-06	-0.110772	-2.314734	
0.50000	0.024368	0.058651	-0.122950
4.36E-06	-0.004389	-2.365482	
0.75000	0.024368	0.058651	-0.122950
4.36E-06	0.101993	-2.416231	
1.00000	0.024368	0.058651	-0.122950
4.36E-06	0.208376	-2.466979	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065518	-0.055506	-0.023756
-9.95E-06	-0.028842	3.768183	
0.25000	0.065518	-0.055506	-0.023756
-9.95E-06	-0.008287	3.816209	
0.50000	0.065518	-0.055506	-0.023756
-9.95E-06	0.012268	3.864236	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 886
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.065518	-0.055506	-0.023756
-9.95E-06	0.032823	3.912262	
1.00000	0.065518	-0.055506	-0.023756
-9.95E-06	0.053377	3.960289	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011437	-0.019145	0.152153
5.06E-06	0.252421	-2.454396	
0.25000	0.011437	-0.019145	0.152153
5.06E-06	0.120769	-2.437831	
0.50000	0.011437	-0.019145	0.152153
5.06E-06	-0.010882	-2.421266	
0.75000	0.011437	-0.019145	0.152153
5.06E-06	-0.142533	-2.404701	
1.00000	0.011437	-0.019145	0.152153
5.06E-06	-0.274184	-2.388135	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009539	0.032604	-0.040448
3.77E-06	-0.067233	0.666823	
0.25000	-0.009539	0.032604	-0.040448
3.77E-06	-0.032235	0.638613	
0.50000	-0.009539	0.032604	-0.040448
3.77E-06	0.002763	0.610403	
0.75000	-0.009539	0.032604	-0.040448
3.77E-06	0.037761	0.582192	
1.00000	-0.009539	0.032604	-0.040448
3.77E-06	0.072759	0.553982	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000759	-0.005875	0.007165
-6.65E-07	0.011907	-0.119914	
0.25000	-0.000759	-0.005875	0.007165
-6.65E-07	0.005708	-0.114830	
0.50000	-0.000759	-0.005875	0.007165
-6.65E-07	-0.000492	-0.109747	
0.75000	-0.000759	-0.005875	0.007165
-6.65E-07	-0.006691	-0.104663	
1.00000	-0.000759	-0.005875	0.007165
-6.65E-07	-0.012891	-0.099579	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035046	-0.033631	-0.036368
-8.76E-06	-0.047173	4.838296	
0.25000	-0.035046	-0.033631	-0.036368
-8.76E-06	-0.015705	4.867395	
0.50000	-0.035046	-0.033631	-0.036368
-8.76E-06	0.015763	4.896495	
0.75000	-0.035046	-0.033631	-0.036368
-8.76E-06	0.047231	4.925594	
1.00000	-0.035046	-0.033631	-0.036368
-8.76E-06	0.078699	4.954693	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035046	0.033631	0.036368
8.76E-06	0.047173	-4.838296	
0.25000	0.035046	0.033631	0.036368
8.76E-06	0.015705	-4.867395	
0.50000	0.035046	0.033631	0.036368
8.76E-06	-0.015763	-4.896495	
0.75000	0.035046	0.033631	0.036368
8.76E-06	-0.047231	-4.925594	
1.00000	0.035046	0.033631	0.036368
8.76E-06	-0.078699	-4.954693	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.065518	0.058651	0.152153
8.76E-06	0.252421	4.838296	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 887
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.065518	0.058651	0.152153
8.76E-06	0.120769	4.867395	
0.50000	0.065518	0.058651	0.152153
8.76E-06	0.015763	4.896495	
0.75000	0.065518	0.058651	0.152153
8.76E-06	0.101993	4.925594	
1.00000	0.065518	0.058651	0.152153
8.76E-06	0.208376	4.954693	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.091024	-0.055506	-0.122950
-9.95E-06	-0.217155	-4.838296	
0.25000	-0.091024	-0.055506	-0.122950
-9.95E-06	-0.110772	-4.867395	
0.50000	-0.091024	-0.055506	-0.122950
-9.95E-06	-0.015763	-4.896495	
0.75000	-0.091024	-0.055506	-0.122950
-9.95E-06	-0.142533	-4.925594	
1.00000	-0.091024	-0.055506	-0.122950
-9.95E-06	-0.274184	-4.954693	

ELEM 468 ========== LENGTH = 4.942972

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090285	-0.000573	0.011693
-2.18E-06	0.030084	0.435782	
0.25000	-0.090285	-0.000573	0.011693
-2.18E-06	0.015535	0.436490	
0.50000	-0.090285	-0.000573	0.011693
-2.18E-06	0.001186	0.437198	
0.75000	-0.090285	-0.000573	0.011693
-2.18E-06	-0.013263	0.437906	
1.00000	-0.090285	-0.000573	0.011693
-2.18E-06	-0.027712	0.438615	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.020755	0.000225	-0.048431
7.52E-06	-0.126331	-2.447086	
0.25000	0.020755	0.000225	-0.048431
7.52E-06	-0.066483	-2.447364	
0.50000	0.020755	0.000225	-0.048431
7.52E-06	-0.006634	-2.447643	
0.75000	0.020755	0.000225	-0.048431
7.52E-06	0.053215	-2.447921	
1.00000	0.020755	0.000225	-0.048431
7.52E-06	0.113064	-2.448200	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062167	0.046630	-0.039715
-1.69E-05	-0.084173	3.968879	
0.25000	0.062167	0.046630	-0.039715
-1.69E-05	-0.035095	3.911257	
0.50000	0.062167	0.046630	-0.039715
-1.69E-05	0.013982	3.853634	
0.75000	0.062167	0.046630	-0.039715
-1.69E-05	0.063059	3.796012	
1.00000	0.062167	0.046630	-0.039715
-1.69E-05	0.112137	3.738389	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018822	-0.097508	0.096852
8.51E-06	0.229098	-2.418499	
0.25000	0.018822	-0.097508	0.096852
8.51E-06	0.109414	-2.298004	
0.50000	0.018822	-0.097508	0.096852
8.51E-06	-0.010269	-2.177510	
0.75000	0.018822	-0.097508	0.096852
8.51E-06	-0.129953	-2.057015	
1.00000	0.018822	-0.097508	0.096852
8.51E-06	-0.249637	-1.936521	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 888
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010060	0.062444	-0.024785
3.65E-06	-0.059145	0.561907	
0.25000	-0.010060	0.062444	-0.024785
3.65E-06	-0.028517	0.484742	
0.50000	-0.010060	0.062444	-0.024785
3.65E-06	0.002111	0.407578	
0.75000	-0.010060	0.062444	-0.024785
3.65E-06	0.032739	0.330414	
1.00000	-0.010060	0.062444	-0.024785
3.65E-06	0.063367	0.253250	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001399	-0.011218	0.004387
-6.36E-07	0.010967	-0.111283	
0.25000	-0.001399	-0.011218	0.004387
-6.36E-07	0.005046	-0.087121	
0.50000	-0.001399	-0.011218	0.004387
-6.36E-07	-0.000376	-0.073258	
0.75000	-0.001399	-0.011218	0.004387
-6.36E-07	-0.005797	-0.059396	
1.00000	-0.001399	-0.011218	0.004387
-6.36E-07	-0.011218	-0.045533	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.038178	0.108500	-0.052807
-1.54E-05	-0.113234	4.966567	
0.25000	-0.038178	0.108500	-0.052807
-1.54E-05	-0.047977	4.832489	
0.50000	-0.038178	0.108500	-0.052807
-1.54E-05	0.017279	4.698411	
0.75000	-0.038178	0.108500	-0.052807
-1.54E-05	0.082535	4.564332	
1.00000	-0.038178	0.108500	-0.052807
-1.54E-05	0.147792	4.430254	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.038178	-0.108500	0.052807
1.54E-05	0.113234	-4.966567	
0.25000	0.038178	-0.108500	0.052807
1.54E-05	0.047977	-4.832489	
0.50000	0.038178	-0.108500	0.052807
1.54E-05	0.017279	-4.698411	
0.75000	0.038178	-0.108500	0.052807
1.54E-05	-0.082535	-4.564332	
1.00000	0.038178	-0.108500	0.052807
1.54E-05	-0.147792	-4.430254	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.062167	0.108500	0.096852
1.54E-05	0.229098	4.966567	
0.25000	0.062167	0.108500	0.096852
1.54E-05	0.109414	4.832489	
0.50000	0.062167	0.108500	0.096852
1.54E-05	0.017279	4.698411	
0.75000	0.062167	0.108500	0.096852
1.54E-05	0.082535	4.564332	
1.00000	0.062167	0.108500	0.096852
1.54E-05	0.147792	4.430254	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090285	-0.108500	-0.052807
-1.69E-05	-0.126331	-4.966567	
0.25000	-0.090285	-0.108500	-0.052807
-1.69E-05	-0.066483	-4.832489	
0.50000	-0.090285	-0.108500	-0.052807
-1.69E-05	-0.017279	-4.698411	
0.75000	-0.090285	-0.108500	-0.052807
-1.69E-05	-0.129953	-4.564332	
1.00000	-0.090285	-0.108500	-0.052807
-1.69E-05	-0.249637	-4.430254	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 889
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 469 ========== LENGTH = 4.942569

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089843	0.012462	0.008586
-1.72E-06	0.022703	0.435589	
0.25000	-0.089843	0.012462	0.008586
-1.72E-06	0.012093	0.420190	
0.50000	-0.089843	0.012462	0.008586
-1.72E-06	0.001484	0.404791	
0.75000	-0.089843	0.012462	0.008586
-1.72E-06	-0.009125	0.389393	
1.00000	-0.089843	0.012462	0.008586
-1.72E-06	-0.019735	0.373994	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017841	-0.071498	-0.031119
7.92E-06	0.084574	-2.436336	
0.25000	0.017841	-0.071498	-0.031119
7.92E-06	-0.046122	-2.347991	
0.50000	0.017841	-0.071498	-0.031119
7.92E-06	-0.007671	-2.259645	
0.75000	0.017841	-0.071498	-0.031119
7.92E-06	0.030781	-2.171299	
1.00000	0.017841	-0.071498	-0.031119
7.92E-06	0.069233	-2.082954	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.060572	0.161815	-0.070739
-1.95E-05	-0.163565	3.754934	
0.25000	0.060572	0.161815	-0.070739
-1.95E-05	-0.076156	3.554988	
0.50000	0.060572	0.161815	-0.070739
-1.95E-05	0.011252	3.355042	
0.75000	0.060572	0.161815	-0.070739
-1.95E-05	0.098661	3.155096	
1.00000	0.060572	0.161815	-0.070739
-1.95E-05	0.186069	2.955150	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023614	-0.167328	0.116017
1.02E-05	0.281479	-1.968397	
0.25000	0.023614	-0.167328	0.116017
1.02E-05	0.138124	-1.761640	
0.50000	0.023614	-0.167328	0.116017
1.02E-05	0.005231	-1.554882	
0.75000	0.023614	-0.167328	0.116017
1.02E-05	-0.148586	-1.348125	
1.00000	0.023614	-0.167328	0.116017
1.02E-05	-0.291940	-1.141367	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009735	0.078693	-0.027636
3.72E-06	-0.068096	0.261140	
0.25000	-0.009735	0.078693	-0.027636
3.72E-06	-0.033947	0.163903	
0.50000	-0.009735	0.078693	-0.027636
3.72E-06	0.000201	0.066667	
0.75000	-0.009735	0.078693	-0.027636
3.72E-06	0.034350	-0.030570	
1.00000	-0.009735	0.078693	-0.027636
3.72E-06	0.068498	-0.127807	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002449	-0.014145	0.004892
-6.47E-07	0.012052	-0.046930	
0.25000	-0.002449	-0.014145	0.004892
-6.47E-07	0.006008	-0.029451	
0.50000	-0.002449	-0.014145	0.004892
-6.47E-07	-3.64E-05	-0.011973	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 890
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.002449	-0.014145	0.004892
-6.47E-07	-0.006081	0.005505	
1.00000	-0.002449	-0.014145	0.004892
-6.47E-07	-0.012125	0.022984	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039006	0.252971	-0.089789
-1.75E-05	-0.208957	4.451663	
0.25000	-0.039006	0.252971	-0.089789
-1.75E-05	-0.098010	4.139082	
0.50000	-0.039006	0.252971	-0.089789
-1.75E-05	0.012938	3.826500	
0.75000	-0.039006	0.252971	-0.089789
-1.75E-05	0.123885	3.513919	
1.00000	-0.039006	0.252971	-0.089789
-1.75E-05	0.234833	3.201337	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039006	-0.252971	0.089789
1.75E-05	0.208957	-4.451663	
0.25000	0.039006	-0.252971	0.089789
1.75E-05	0.098010	-4.139082	
0.50000	0.039006	-0.252971	0.089789
1.75E-05	0.012938	-3.826500	
0.75000	0.039006	-0.252971	0.089789
1.75E-05	-0.123885	-3.513919	
1.00000	0.039006	-0.252971	0.089789
1.75E-05	-0.234833	-3.201337	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.060572	0.252971	0.116017
1.75E-05	0.281479	4.451663	
0.25000	0.060572	0.252971	0.116017
1.75E-05	0.138124	4.139082	
0.50000	0.060572	0.252971	0.116017
1.75E-05	0.012938	3.826500	
0.75000	0.060572	0.252971	0.116017
1.75E-05	0.123885	3.513919	
1.00000	0.060572	0.252971	0.116017
1.75E-05	0.234833	3.201337	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.089843	-0.252971	-0.089789
-1.95E-05	-0.208957	-4.451663	
0.25000	-0.089843	-0.252971	-0.089789
-1.95E-05	-0.098010	-4.139082	
0.50000	-0.089843	-0.252971	-0.089789
-1.95E-05	-0.012938	-3.826500	
0.75000	-0.089843	-0.252971	-0.089789
-1.95E-05	-0.148586	-3.513919	
1.00000	-0.089843	-0.252971	-0.089789
-1.95E-05	-0.291940	-3.201337	

ELEM 470 ========== LENGTH = 4.943243

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088965	0.004307	0.005312
-1.18E-06	0.014456	0.371942	
0.25000	-0.088965	0.004307	0.005312
-1.18E-06	0.007891	0.366619	
0.50000	-0.088965	0.004307	0.005312
-1.18E-06	0.001326	0.361297	
0.75000	-0.088965	0.004307	0.005312
-1.18E-06	-0.005239	0.355974	
1.00000	-0.088965	0.004307	0.005312
-1.18E-06	-0.011804	0.350652	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 891
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014086	-0.025532	-0.013790
5.93E-06	-0.040808	-2.076354	
0.25000	0.014086	-0.025532	-0.013790
5.93E-06	-0.023766	-2.044801	
0.50000	0.014086	-0.025532	-0.013790
5.93E-06	-0.006724	-2.013249	
0.75000	0.014086	-0.025532	-0.013790
5.93E-06	0.010318	-1.981696	
1.00000	0.014086	-0.025532	-0.013790
5.93E-06	0.027360	-1.950144	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.058086	0.105530	-0.095662
-1.78E-05	-0.227308	2.979973	
0.25000	0.058086	0.105530	-0.095662
-1.78E-05	-0.109088	2.849558	
0.50000	0.058086	0.105530	-0.095662
-1.78E-05	0.009133	2.719144	
0.75000	0.058086	0.105530	-0.095662
-1.78E-05	0.127353	2.588729	
1.00000	0.058086	0.105530	-0.095662
-1.78E-05	0.245574	2.458314	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.030149	-0.163120	0.125992
1.03E-05	0.308620	-1.177424	
0.25000	0.030149	-0.163120	0.125992
1.03E-05	0.152918	-0.975838	
0.50000	0.030149	-0.163120	0.125992
1.03E-05	-0.002784	-0.774252	
0.75000	0.030149	-0.163120	0.125992
1.03E-05	-0.158485	-0.572666	
1.00000	0.030149	-0.163120	0.125992
1.03E-05	-0.314187	-0.371080	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009544	0.096088	-0.026555
3.26E-06	-0.066790	-0.119683	
0.25000	-0.009544	0.096088	-0.026555
3.26E-06	-0.033973	-0.238430	
0.50000	-0.009544	0.096088	-0.026555
3.26E-06	-0.001156	-0.357176	
0.75000	-0.009544	0.096088	-0.026555
3.26E-06	0.031660	-0.475922	
1.00000	-0.009544	0.096088	-0.026555
3.26E-06	0.064477	-0.594669	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003812	-0.017272	0.004703
-5.64E-07	0.011831	0.021545	
0.25000	-0.003812	-0.017272	0.004703
-5.64E-07	0.006018	0.042891	
0.50000	-0.003812	-0.017272	0.004703
-5.64E-07	0.000206	0.064236	
0.75000	-0.003812	-0.017272	0.004703
-5.64E-07	-0.005607	0.085581	
1.00000	-0.003812	-0.017272	0.004703
-5.64E-07	-0.011420	0.106927	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040424	0.205924	-0.116905
-1.57E-05	-0.279642	3.232232	
0.25000	-0.040424	0.205924	-0.116905
-1.57E-05	-0.135170	2.977748	
0.50000	-0.040424	0.205924	-0.116905
-1.57E-05	0.009302	2.723265	
0.75000	-0.040424	0.205924	-0.116905
-1.57E-05	0.153774	2.468781	
1.00000	-0.040424	0.205924	-0.116905
-1.57E-05	0.298246	2.214297	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
892

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040424	-0.205924	0.116905
1.57E-05	0.279642	-3.232232	
0.25000	0.040424	-0.205924	0.116905
1.57E-05	0.135170	-2.977748	
0.50000	0.040424	-0.205924	0.116905
1.57E-05	-0.009302	-2.723265	
0.75000	0.040424	-0.205924	0.116905
1.57E-05	-0.153774	-2.468781	
1.00000	0.040424	-0.205924	0.116905
1.57E-05	-0.298246	-2.214297	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.058086	0.205924	0.125992
1.57E-05	0.308620	3.232232	
0.25000	0.058086	0.205924	0.125992
1.57E-05	0.152918	2.977748	
0.50000	0.058086	0.205924	0.125992
1.57E-05	0.009302	2.723265	
0.75000	0.058086	0.205924	0.125992
1.57E-05	0.153774	2.588729	
1.00000	0.058086	0.205924	0.125992
1.57E-05	0.298246	2.458314	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088965	-0.205924	-0.116905
-1.78E-05	-0.279642	-3.232232	
0.25000	-0.088965	-0.205924	-0.116905
-1.78E-05	-0.135170	-2.977748	
0.50000	-0.088965	-0.205924	-0.116905
-1.78E-05	-0.009302	-2.723265	
0.75000	-0.088965	-0.205924	-0.116905
-1.78E-05	-0.158485	-2.468781	
1.00000	-0.088965	-0.205924	-0.116905
-1.78E-05	-0.314187	-2.214297	

ELEM 471 ========== LENGTH = 4.943063

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087526	0.016287	0.002412
-5.53E-07	0.007130	0.349515	
0.25000	-0.087526	0.016287	0.002412
-5.53E-07	0.004149	0.329389	
0.50000	-0.087526	0.016287	0.002412
-5.53E-07	0.001167	0.309263	
0.75000	-0.087526	0.016287	0.002412
-5.53E-07	-0.001814	0.289136	
1.00000	-0.087526	0.016287	0.002412
-5.53E-07	-0.004795	0.269010	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011164	-0.091824	0.001194
2.91E-06	-0.002813	-1.948335	
0.25000	0.011164	-0.091824	0.001194
2.91E-06	-0.004288	-1.834863	
0.50000	0.011164	-0.091824	0.001194
2.91E-06	-0.005763	-1.721390	
0.75000	0.011164	-0.091824	0.001194
2.91E-06	-0.007238	-1.607917	
1.00000	0.011164	-0.091824	0.001194
2.91E-06	-0.008713	-1.494445	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055432	0.201062	-0.114988
-1.47E-05	-0.277497	2.489711	
0.25000	0.055432	0.201062	-0.114988
-1.47E-05	-0.135400	2.241246	
0.50000	0.055432	0.201062	-0.114988
-1.47E-05	0.006698	1.992780	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
893

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.055432	0.201062	-0.114988
-1.47E-05	0.144796	1.744315	
1.00000	0.055432	0.201062	-0.114988
-1.47E-05	0.290893	1.495850	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035222	-0.202548	0.129449
1.07E-05	0.320076	-0.409149	
0.25000	0.035222	-0.202548	0.129449
1.07E-05	0.160108	-0.158847	
0.50000	0.035222	-0.202548	0.129449
1.07E-05	0.000140	0.091454	
0.75000	0.035222	-0.202548	0.129449
1.07E-05	-0.159828	0.341756	
1.00000	0.035222	-0.202548	0.129449
1.07E-05	-0.319797	0.592058	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008524	0.093904	-0.021964
1.90E-06	-0.057013	-0.587377	
0.25000	-0.008524	0.093904	-0.021964
1.90E-06	-0.029870	-0.703420	
0.50000	-0.008524	0.093904	-0.021964
1.90E-06	-0.002728	-0.819464	
0.75000	-0.008524	0.093904	-0.021964
1.90E-06	0.024415	-0.935507	
1.00000	-0.008524	0.093904	-0.021964
1.90E-06	0.051557	-1.051551	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005766	-0.016881	0.003897
-3.24E-07	0.010117	0.105634	
0.25000	-0.005766	-0.016881	0.003897
-3.24E-07	0.005301	0.126495	
0.50000	-0.005766	-0.016881	0.003897
-3.24E-07	0.000486	0.147356	
0.75000	-0.005766	-0.016881	0.003897
-3.24E-07	-0.004330	0.168217	
1.00000	-0.005766	-0.016881	0.003897
-3.24E-07	-0.009145	0.189078	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040619	0.311253	-0.134539
-1.33E-05	-0.327380	2.251850	
0.25000	-0.040619	0.311253	-0.134539
-1.33E-05	-0.161121	1.867214	
0.50000	-0.040619	0.311253	-0.134539
-1.33E-05	0.005137	1.482579	
0.75000	-0.040619	0.311253	-0.134539
-1.33E-05	0.171396	1.097944	
1.00000	-0.040619	0.311253	-0.134539
-1.33E-05	0.337655	0.713309	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040619	-0.311253	0.134539
1.33E-05	0.327380	-2.251850	
0.25000	0.040619	-0.311253	0.134539
1.33E-05	0.161121	-1.867214	
0.50000	0.040619	-0.311253	0.134539
1.33E-05	-0.005137	-1.482579	
0.75000	0.040619	-0.311253	0.134539
1.33E-05	-0.171396	-1.097944	
1.00000	0.040619	-0.311253	0.134539
1.33E-05	-0.337655	-0.713309	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.055432	0.311253	0.134539
1.33E-05	0.327380	2.489711	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
894

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.055432	0.311253	0.134539
1.33E-05	0.161121	2.241246	
0.50000	0.055432	0.311253	0.134539
1.33E-05	0.006698	1.992780	
0.75000	0.055432	0.311253	0.134539
1.33E-05	0.171396	1.744315	
1.00000	0.055432	0.311253	0.134539
1.33E-05	0.337655	1.495850	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.087526	-0.311253	-0.134539
-1.47E-05	-0.327380	-2.251850	
0.25000	-0.087526	-0.311253	-0.134539
-1.47E-05	-0.161121	-1.867214	
0.50000	-0.087526	-0.311253	-0.134539
-1.47E-05	-0.005763	-1.721390	
0.75000	-0.087526	-0.311253	-0.134539
-1.47E-05	-0.171396	-1.607917	
1.00000	-0.087526	-0.311253	-0.134539
-1.47E-05	-0.337655	-1.494445	

ELEM 472 ========== LENGTH = 4.943000

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085074	0.016219	1.23E-05
-8.48E-09	0.000927	0.268667	
0.25000	-0.085074	0.016219	1.23E-05
-8.48E-09	0.000911	0.248624	
0.50000	-0.085074	0.016219	1.23E-05
-8.48E-09	0.000896	0.228581	
0.75000	-0.085074	0.016219	1.23E-05
-8.48E-09	0.000881	0.208538	
1.00000	-0.085074	0.016219	1.23E-05
-8.48E-09	0.000866	0.188496	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.009124	-0.091034	0.013145
1.06E-07	0.028270	-1.496666	
0.25000	0.009124	-0.091034	0.013145
1.06E-07	0.012026	-1.384171	
0.50000	0.009124	-0.091034	0.013145
1.06E-07	-0.004217	-1.271676	
0.75000	0.009124	-0.091034	0.013145
1.06E-07	-0.020461	-1.159181	
1.00000	0.009124	-0.091034	0.013145
1.06E-07	-0.036704	-1.046686	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051081	0.197996	-0.127343
-1.22E-05	-0.311279	1.531996	
0.25000	0.051081	0.197996	-0.127343
-1.22E-05	-0.153915	1.287322	
0.50000	0.051081	0.197996	-0.127343
-1.22E-05	0.003449	1.042649	
0.75000	0.051081	0.197996	-0.127343
-1.22E-05	0.160813	0.797975	
1.00000	0.051081	0.197996	-0.127343
-1.22E-05	0.318177	0.553301	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040049	-0.197843	0.125416
1.23E-05	0.313314	0.554053	
0.25000	0.040049	-0.197843	0.125416
1.23E-05	0.158331	0.798537	
0.50000	0.040049	-0.197843	0.125416
1.23E-05	0.003347	1.043021	
0.75000	0.040049	-0.197843	0.125416
1.23E-05	-0.151636	1.287505	
1.00000	0.040049	-0.197843	0.125416
1.23E-05	-0.306619	1.531989	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
895

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006729	0.091030	-0.013667
-2.41E-07	-0.038007	-1.046172	
0.25000	-0.006729	0.091030	-0.013667
-2.41E-07	-0.021118	-1.158662	
0.50000	-0.006729	0.091030	-0.013667
-2.41E-07	-0.004229	-1.271153	
0.75000	-0.006729	0.091030	-0.013667
-2.41E-07	0.012660	-1.383643	
1.00000	-0.006729	0.091030	-0.013667
-2.41E-07	0.029549	-1.496134	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008452	-0.016369	0.002436
4.98E-08	0.008572	0.188122	
0.25000	-0.008452	-0.016369	0.002436
4.98E-08	0.003764	0.208350	
0.50000	-0.008452	-0.016369	0.002436
4.98E-08	0.000754	0.228578	
0.75000	-0.008452	-0.016369	0.002436
4.98E-08	-0.002257	0.248806	
1.00000	-0.008452	-0.016369	0.002436
4.98E-08	-0.005268	0.269034	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.040721	0.305245	-0.140997
-1.24E-05	-0.348359	0.754491	
0.25000	-0.040721	0.305245	-0.140997
-1.24E-05	-0.174121	0.377284	
0.50000	-0.040721	0.305245	-0.140997
-1.24E-05	0.000116	7.71E-05	
0.75000	-0.040721	0.305245	-0.140997
-1.24E-05	0.174354	-0.377130	
1.00000	-0.040721	0.305245	-0.140997
-1.24E-05	0.348592	-0.754337	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.040721	-0.305245	0.140997
1.24E-05	0.348359	-0.754491	
0.25000	0.040721	-0.305245	0.140997
1.24E-05	0.174121	-0.377284	
0.50000	0.040721	-0.305245	0.140997
1.24E-05	0.000116	-7.71E-05	
0.75000	0.040721	-0.305245	0.140997
1.24E-05	-0.174354	0.377130	
1.00000	0.040721	-0.305245	0.140997
1.24E-05	-0.348592	0.754337	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.051081	0.305245	0.140997
1.24E-05	0.348359	1.531996	
0.25000	0.051081	0.305245	0.140997
1.24E-05	0.174121	1.287322	
0.50000	0.051081	0.305245	0.140997
1.24E-05	0.003449	1.043021	
0.75000	0.051081	0.305245	0.140997
1.24E-05	0.174354	1.287505	
1.00000	0.051081	0.305245	0.140997
1.24E-05	0.348592	1.531989	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.085074	-0.305245	-0.140997
-1.24E-05	-0.348359	-1.496666	
0.25000	-0.085074	-0.305245	-0.140997
-1.24E-05	-0.174121	-1.384171	
0.50000	-0.085074	-0.305245	-0.140997
-1.24E-05	-0.004229	-1.271676	
0.75000	-0.085074	-0.305245	-0.140997
-1.24E-05	-0.174354	-1.383643	
1.00000	-0.085074	-0.305245	-0.140997
-1.24E-05	-0.348592	-1.496134	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
896

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 473 ========== LENGTH = 4.943063

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081413	0.016808	-0.001767
4.40E-07	-0.003733	0.188772	
0.25000	-0.081413	0.016808	-0.001767
4.40E-07	-0.001550	0.168001	
0.50000	-0.081413	0.016808	-0.001767
4.40E-07	0.000634	0.147230	
0.75000	-0.081413	0.016808	-0.001767
4.40E-07	0.002818	0.126459	
1.00000	-0.081413	0.016808	-0.001767
4.40E-07	0.005002	0.105688	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.007756	-0.093914	0.021424
-2.06E-06	0.010231	-1.051908	
0.25000	0.007756	-0.093914	0.021424
-2.06E-06	0.023756	-0.935852	
0.50000	0.007756	-0.093914	0.021424
-2.06E-06	-0.002720	-0.819796	
0.75000	0.007756	-0.093914	0.021424
-2.06E-06	-0.029195	-0.703740	
1.00000	0.007756	-0.093914	0.021424
-2.06E-06	-0.055670	-0.587684	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045687	0.202723	-0.131796
-1.07E-05	-0.325498	0.591940	
0.25000	0.045687	0.202723	-0.131796
-1.07E-05	-0.162628	0.341423	
0.50000	0.045687	0.202723	-0.131796
-1.07E-05	0.000241	0.090905	
0.75000	0.045687	0.202723	-0.131796
-1.07E-05	0.163110	-0.159613	
1.00000	0.045687	0.202723	-0.131796
-1.07E-05	0.325980	-0.410130	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.043937	-0.200940	0.113490
1.48E-05	0.287087	1.496351	
0.25000	0.043937	-0.200940	0.113490
1.48E-05	0.146840	1.744666	
0.50000	0.043937	-0.200940	0.113490
1.48E-05	0.006593	1.992981	
0.75000	0.043937	-0.200940	0.113490
1.48E-05	-0.133653	2.241296	
1.00000	0.043937	-0.200940	0.113490
1.48E-05	-0.273900	2.489610	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003856	0.091837	-0.001673
-2.98E-06	-0.009913	-1.493764	
0.25000	-0.003856	0.091837	-0.001673
-2.98E-06	-0.007846	-1.607253	
0.50000	-0.003856	0.091837	-0.001673
-2.98E-06	-0.005779	-1.720743	
0.75000	-0.003856	0.091837	-0.001673
-2.98E-06	-0.003712	-1.834232	
1.00000	-0.003856	0.091837	-0.001673
-2.98E-06	-0.001645	-1.947721	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.012111	-0.016514	0.000322
5.13E-07	0.001827	0.268608	
0.25000	-0.012111	-0.016514	0.000322
5.13E-07	0.001429	0.289015	
0.50000	-0.012111	-0.016514	0.000322
5.13E-07	0.001030	0.309423	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
897

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.012111	-0.016514	0.000322
5.13E-07	0.000632	0.329830	
1.00000	-0.012111	-0.016514	0.000322
5.13E-07	0.000234	0.350237	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039582	0.311368	-0.135236
-1.32E-05	-0.339144	-0.713051	
0.25000	-0.039582	0.311368	-0.135236
-1.32E-05	-0.172024	-1.097829	
0.50000	-0.039582	0.311368	-0.135236
-1.32E-05	-0.004904	-1.482607	
0.75000	-0.039582	0.311368	-0.135236
-1.32E-05	0.162216	-1.867385	
1.00000	-0.039582	0.311368	-0.135236
-1.32E-05	0.329336	-2.252163	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039582	-0.311368	0.135236
1.32E-05	0.339144	0.713051	
0.25000	0.039582	-0.311368	0.135236
1.32E-05	0.172024	1.097829	
0.50000	0.039582	-0.311368	0.135236
1.32E-05	0.004904	1.482607	
0.75000	0.039582	-0.311368	0.135236
1.32E-05	-0.162216	1.867385	
1.00000	0.039582	-0.311368	0.135236
1.32E-05	-0.329336	2.252163	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045687	0.311368	0.135236
1.48E-05	0.339144	1.496351	
0.25000	0.045687	0.311368	0.135236
1.48E-05	0.172024	1.744666	
0.50000	0.045687	0.311368	0.135236
1.48E-05	0.006593	1.992981	
0.75000	0.045687	0.311368	0.135236
1.48E-05	0.163110	2.241296	
1.00000	0.045687	0.311368	0.135236
1.48E-05	0.329336	2.489610	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.081413	-0.311368	-0.135236
-1.32E-05	-0.339144	-1.493764	
0.25000	-0.081413	-0.311368	-0.135236
-1.32E-05	-0.172024	-1.607253	
0.50000	-0.081413	-0.311368	-0.135236
-1.32E-05	-0.005779	-1.720743	
0.75000	-0.081413	-0.311368	-0.135236
-1.32E-05	-0.162216	-1.867385	
1.00000	-0.081413	-0.311368	-0.135236
-1.32E-05	-0.329336	-2.252163	

ELEM 474 ========== LENGTH = 4.943243

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076233	0.017289	-0.002915
8.29E-07	-0.006854	0.196400	
0.25000	-0.076233	0.017289	-0.002915
8.29E-07	-0.003252	0.085034	
0.50000	-0.076233	0.017289	-0.002915
8.29E-07	0.000351	0.063668	
0.75000	-0.076233	0.017289	-0.002915
8.29E-07	0.003953	0.042302	
1.00000	-0.076233	0.017289	-0.002915
8.29E-07	0.007556	0.020936	

Program SAP2000 Nonlinear Version 7.42 File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
898

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006788	-0.096098	0.026021
-3.41E-06	0.063161	-0.594816	
0.25000	0.006788	-0.096098	0.026021
-3.41E-06	0.031004	-0.476058	
0.50000	0.006788	-0.096098	0.026021
-3.41E-06	-0.001152	-0.357299	
0.75000	0.006788	-0.096098	0.026021
-3.41E-06	-0.033309	-0.238541	
1.00000	0.006788	-0.096098	0.026021
-3.41E-06	-0.065465	-0.119782	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.039920	0.163274	-0.128758
-1.04E-05	-0.320925	-0.371303	
0.25000	0.039920	0.163274	-0.128758
-1.04E-05	-0.161804	-0.573079	
0.50000	0.039920	0.163274	-0.128758
-1.04E-05	-0.002684	-0.774854	
0.75000	0.039920	0.163274	-0.128758
-1.04E-05	0.156436	-0.976630	
1.00000	0.039920	0.163274	-0.128758
-1.04E-05	0.315556	-1.178406	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046203	-0.105451	0.094604
1.79E-05	0.242853	2.458593	
0.25000	0.046203	-0.105451	0.094604
1.79E-05	0.125940	2.588910	
0.50000	0.046203	-0.105451	0.094604
1.79E-05	0.009027	2.719227	
0.75000	0.046203	-0.105451	0.094604
1.79E-05	-0.107886	2.849544	
1.00000	0.046203	-0.105451	0.094604
1.79E-05	-0.224798	2.979861	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000367	0.025609	0.013382
-5.85E-06	0.026331	-1.949398	
0.25000	0.000367	0.025609	0.013382
-5.85E-06	0.009793	-1.981046	
0.50000	0.000367	0.025609	0.013382
-5.85E-06	-0.006745	-2.012694	
0.75000	0.000367	0.025609	0.013382
-5.85E-06	-0.023283	-2.044341	
1.00000	0.000367	0.025609	0.013382
-5.85E-06	-0.039821	-2.075989	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.017046	-0.004624	-0.002334
9.63E-07	-0.004566	0.350525	
0.25000	-0.017046	-0.004624	-0.002334
9.63E-07	-0.001681	0.356239	
0.50000	-0.017046	-0.004624	-0.002334
9.63E-07	0.001203	0.361953	
0.75000	-0.017046	-0.004624	-0.002334
9.63E-07	0.004088	0.367667	
1.00000	-0.017046	-0.004624	-0.002334
9.63E-07	0.006972	0.373380	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.035945	0.206172	-0.118291
-1.54E-05	-0.301448	-2.214302	
0.25000	-0.035945	0.206172	-0.118291
-1.54E-05	-0.155263	-2.469091	
0.50000	-0.035945	0.206172	-0.118291
-1.54E-05	-0.009078	-2.723880	
0.75000	-0.035945	0.206172	-0.118291
-1.54E-05	0.137106	-2.978670	
1.00000	-0.035945	0.206172	-0.118291
-1.54E-05	0.283291	-3.233459	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
899

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035945	-0.206172	0.118291
1.54E-05	0.301448	2.214302	
0.25000	0.035945	-0.206172	0.118291
1.54E-05	0.155263	2.469091	
0.50000	0.035945	-0.206172	0.118291
1.54E-05	0.009078	2.723880	
0.75000	0.035945	-0.206172	0.118291
1.54E-05	-0.137106	2.978670	
1.00000	0.035945	-0.206172	0.118291
1.54E-05	-0.283291	3.233459	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.046203	0.206172	0.118291
1.79E-05	0.301448	2.458593	
0.25000	0.046203	0.206172	0.118291
1.79E-05	0.155263	2.588910	
0.50000	0.046203	0.206172	0.118291
1.79E-05	0.009078	2.723880	
0.75000	0.046203	0.206172	0.118291
1.79E-05	0.156436	2.978670	
1.00000	0.046203	0.206172	0.118291
1.79E-05	0.315556	3.233459	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.076233	-0.206172	-0.128758
-1.54E-05	-0.320925	-2.214302	
0.25000	-0.076233	-0.206172	-0.128758
-1.54E-05	-0.161804	-2.469091	
0.50000	-0.076233	-0.206172	-0.128758
-1.54E-05	-0.009078	-2.723880	
0.75000	-0.076233	-0.206172	-0.128758
-1.54E-05	-0.137106	-2.978670	
1.00000	-0.076233	-0.206172	-0.128758
-1.54E-05	-0.283291	-3.233459	

ELEM 475 ========== LENGTH = 4.942569

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069496	0.014240	-0.003449
1.20E-06	-0.008423	0.021895	
0.25000	-0.069496	0.014240	-0.003449
1.20E-06	-0.004161	0.004300	
0.50000	-0.069496	0.014240	-0.003449
1.20E-06	0.000101	-0.013295	
0.75000	-0.069496	0.014240	-0.003449
1.20E-06	0.004363	-0.030891	
1.00000	-0.069496	0.014240	-0.003449
1.20E-06	0.008625	-0.048486	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.006323	-0.078705	0.027129
-3.88E-06	0.067245	-0.127751	
0.25000	0.006323	-0.078705	0.027129
-3.88E-06	0.033724	-0.030500	
0.50000	0.006323	-0.078705	0.027129
-3.88E-06	0.000203	0.066751	
0.75000	0.006323	-0.078705	0.027129
-3.88E-06	-0.033319	0.164001	
1.00000	0.006323	-0.078705	0.027129
-3.88E-06	-0.066840	0.261252	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.032568	0.167494	-0.119207
-1.03E-05	-0.299720	-1.141466	
0.25000	0.032568	0.167494	-0.119207
-1.03E-05	-0.152423	-1.348428	
0.50000	0.032568	0.167494	-0.119207
-1.03E-05	-0.005126	-1.555391	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
900

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	0.032568	0.167494	-0.119207
-1.03E-05	-0.152171	-1.762353	
1.00000	0.032568	0.167494	-0.119207
-1.03E-05	0.289468	-1.969315	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048315	-0.161786	0.070129
1.95E-05	0.184456	2.955285	
0.25000	0.048315	-0.161786	0.070129
1.95E-05	0.097801	3.155195	
0.50000	0.048315	-0.161786	0.070129
1.95E-05	0.011147	3.355105	
0.75000	0.048315	-0.161786	0.070129
1.95E-05	-0.075508	3.555016	
1.00000	0.048315	-0.161786	0.070129
1.95E-05	-0.162163	3.754926	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005896	0.071614	0.030811
-7.65E-06	0.068445	-2.082482	
0.25000	0.005896	0.071614	0.030811
-7.65E-06	0.030374	-2.170972	
0.50000	0.005896	0.071614	0.030811
-7.65E-06	-0.007697	-2.259461	
0.75000	0.005896	0.071614	0.030811
-7.65E-06	-0.045768	-2.347950	
1.00000	0.005896	0.071614	0.030811
-7.65E-06	-0.083839	-2.436440	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023606	-0.012856	-0.005412
1.17E-06	-0.012003	0.374519	
0.25000	-0.023606	-0.012856	-0.005412
1.17E-06	-0.005315	0.390405	
0.50000	-0.023606	-0.012856	-0.005412
1.17E-06	0.001373	0.406291	
0.75000	-0.023606	-0.012856	-0.005412
1.17E-06	0.008061	0.422177	
1.00000	-0.023606	-0.012856	-0.005412
1.17E-06	0.014749	0.438063	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031032	0.253347	-0.091846
-1.68E-05	-0.239699	-3.202053	
0.25000	-0.031032	0.253347	-0.091846
-1.68E-05	-0.126211	-3.515100	
0.50000	-0.031032	0.253347	-0.091846
-1.68E-05	-0.012722	-3.828147	
0.75000	-0.031032	0.253347	-0.091846
-1.68E-05	0.100766	-4.141194	
1.00000	-0.031032	0.253347	-0.091846
-1.68E-05	0.214254	-4.454241	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.031032	-0.253347	0.091846
1.68E-05	0.239699	3.202053	
0.25000	0.031032	-0.253347	0.091846
1.68E-05	0.126211	3.515100	
0.50000	0.031032	-0.253347	0.091846
1.68E-05	0.012722	3.828147	
0.75000	0.031032	-0.253347	0.091846
1.68E-05	-0.100766	4.141194	
1.00000	0.031032	-0.253347	0.091846
1.68E-05	-0.214254	4.454241	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.048315	0.253347	0.091846
1.95E-05	0.239699	3.202053	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
901

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.048315	0.253347	0.091846
1.95E-05	0.126211	3.515100	
0.50000	0.048315	0.253347	0.091846
1.95E-05	0.012722	3.828147	
0.75000	0.048315	0.253347	0.091846
1.95E-05	0.142171	4.141194	
1.00000	0.048315	0.253347	0.091846
1.95E-05	0.289468	4.454241	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.069496	-0.253347	-0.119207
-1.68E-05	-0.299720	-3.202053	
0.25000	-0.069496	-0.253347	-0.119207
-1.68E-05	-0.152423	-3.515100	
0.50000	-0.069496	-0.253347	-0.119207
-1.68E-05	-0.012722	-3.828147	
0.75000	-0.069496	-0.253347	-0.119207
-1.68E-05	-0.100766	-4.141194	
1.00000	-0.069496	-0.253347	-0.119207
-1.68E-05	-0.214254	-4.454241	

ELEM 476 ========== LENGTH = 4.942972

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061110	0.011580	-0.003325
1.81E-06	-0.008436	-0.047462	
0.25000	-0.061110	0.011580	-0.003325
1.81E-06	-0.004326	-0.061772	
0.50000	-0.061110	0.011580	-0.003325
1.81E-06	-0.000217	-0.076082	
0.75000	-0.061110	0.011580	-0.003325
1.81E-06	0.003892	-0.090392	
1.00000	-0.061110	0.011580	-0.003325
1.81E-06	0.008002	-0.104701	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005450	-0.062407	0.024341
-3.81E-06	0.062254	0.253504	
0.25000	0.005450	-0.062407	0.024341
-3.81E-06	0.032175	0.330623	
0.50000	0.005450	-0.062407	0.024341
-3.81E-06	0.002096	0.407742	
0.75000	0.005450	-0.062407	0.024341
-3.81E-06	-0.027983	0.484862	
1.00000	0.005450	-0.062407	0.024341
-3.81E-06	-0.058062	0.561981	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026969	0.097556	-0.100331
-8.55E-06	-0.258251	-1.936442	
0.25000	0.026969	0.097556	-0.100331
-8.55E-06	-0.134267	-2.056997	
0.50000	0.026969	0.097556	-0.100331
-8.55E-06	-0.010284	-2.177551	
0.75000	0.026969	0.097556	-0.100331
-8.55E-06	0.113700	-2.298106	
1.00000	0.026969	0.097556	-0.100331
-8.55E-06	0.237683	-2.418660	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049567	-0.046677	0.039555
1.68E-05	0.111639	3.738495	
0.25000	0.049567	-0.046677	0.039555
1.68E-05	0.062759	3.796176	
0.50000	0.049567	-0.046677	0.039555
1.68E-05	0.013879	3.853857	
0.75000	0.049567	-0.046677	0.039555
1.68E-05	-0.035000	3.911539	
1.00000	0.049567	-0.046677	0.039555
1.68E-05	-0.083880	3.969220	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
902

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.011078	5.56E-05	0.048257
-7.15E-06	0.112598	-2.448232	
0.25000	0.011078	5.56E-05	0.048257
-7.15E-06	0.052965	-2.448300	
0.50000	0.011078	5.56E-05	0.048257
-7.15E-06	-0.006669	-2.448369	
0.75000	0.011078	5.56E-05	0.048257
-7.15E-06	-0.066302	-2.448438	
1.00000	0.011078	5.56E-05	0.048257
-7.15E-06	-0.125935	-2.448506	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.031954	-0.000107	-0.008496
9.17E-07	-0.013604	0.440137	
0.25000	-0.031954	-0.000107	-0.008496
9.17E-07	-0.009305	0.440270	
0.50000	-0.031954	-0.000107	-0.008496
9.17E-07	0.001194	0.440402	
0.75000	-0.031954	-0.000107	-0.008496
9.17E-07	0.011693	0.440534	
1.00000	-0.031954	-0.000107	-0.008496
9.17E-07	0.022192	0.440667	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.023062	0.109192	-0.055399
-1.39E-05	-0.154088	-4.432136	
0.25000	-0.023062	0.109192	-0.055399
-1.39E-05	-0.085629	-4.567069	
0.50000	-0.023062	0.109192	-0.055399
-1.39E-05	-0.017169	-4.702002	
0.75000	-0.023062	0.109192	-0.055399
-1.39E-05	0.051290	-4.836935	
1.00000	-0.023062	0.109192	-0.055399
-1.39E-05	0.119750	-4.971868	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.023062	-0.109192	0.055399
1.39E-05	0.154088	4.432136	
0.25000	0.023062	-0.109192	0.055399
1.39E-05	0.085629	4.567069	
0.50000	0.023062	-0.109192	0.055399
1.39E-05	0.017169	4.702002	
0.75000	0.023062	-0.109192	0.055399
1.39E-05	-0.051290	4.836935	
1.00000	0.023062	-0.109192	0.055399
1.39E-05	-0.119750	4.971868	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.049567	0.109192	0.055399
1.68E-05	0.154088	4.432136	
0.25000	0.049567	0.109192	0.055399
1.68E-05	0.085629	4.567069	
0.50000	0.049567	0.109192	0.055399
1.68E-05	0.017169	4.702002	
0.75000	0.049567	0.109192	0.055399
1.68E-05	0.113700	4.836935	
1.00000	0.049567	0.109192	0.055399
1.68E-05	0.237683	4.971868	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061110	-0.109192	-0.100331
-1.39E-05	-0.258251	-4.432136	
0.25000	-0.061110	-0.109192	-0.100331
-1.39E-05	-0.134267	-4.567069	
0.50000	-0.061110	-0.109192	-0.100331
-1.39E-05	-0.017169	-4.702002	
0.75000	-0.061110	-0.109192	-0.100331
-1.39E-05	-0.066302	-4.836935	
1.00000	-0.061110	-0.109192	-0.100331
-1.39E-05	-0.125935	-4.971868	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
903

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 477 ========== LENGTH = 3.460020

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051056	0.004695	-0.005724
2.93E-06	-0.010243	-0.103600	
0.25000	-0.051056	0.004695	-0.005724
2.93E-06	-0.005291	-0.107662	
0.50000	-0.051056	0.004695	-0.005724
2.93E-06	-0.000340	-0.111723	
0.75000	-0.051056	0.004695	-0.005724
2.93E-06	0.004611	-0.115785	
1.00000	-0.051056	0.004695	-0.005724
2.93E-06	0.009563	-0.119846	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.005164	-0.032700	0.039753
-3.97E-06	0.071514	0.554196	
0.25000	0.005164	-0.032700	0.039753
-3.97E-06	0.037127	0.582482	
0.50000	0.005164	-0.032700	0.039753
-3.97E-06	0.002741	0.610768	
0.75000	0.005164	-0.032700	0.039753
-3.97E-06	-0.031646	0.639054	
1.00000	0.005164	-0.032700	0.039753
-3.97E-06	-0.066033	0.667340	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.018568	0.019906	-0.159512
-4.67E-06	-0.286916	-2.387017	
0.25000	0.018568	0.019906	-0.159512
-4.67E-06	-0.148938	-2.404236	
0.50000	0.018568	0.019906	-0.159512
-4.67E-06	-0.010959	-2.421455	
0.75000	0.018568	0.019906	-0.159512
-4.67E-06	0.127019	-2.438673	
1.00000	0.018568	0.019906	-0.159512
-4.67E-06	0.264998	-2.455892	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052609	0.055613	0.024145
9.76E-06	0.053974	3.960607	
0.25000	0.052609	0.055613	0.024145
9.76E-06	0.033088	3.912502	
0.50000	0.052609	0.055613	0.024145
9.76E-06	0.012203	3.864396	
0.75000	0.052609	0.055613	0.024145
9.76E-06	-0.008683	3.816291	
1.00000	0.052609	0.055613	0.024145
9.76E-06	-0.029569	3.768186	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.017583	-0.059039	0.122977
-4.17E-06	0.208320	-2.468367	
0.25000	0.017583	-0.059039	0.122977
-4.17E-06	0.101944	-2.417298	
0.50000	0.017583	-0.059039	0.122977
-4.17E-06	-0.004431	-2.366230	
0.75000	0.017583	-0.059039	0.122977
-4.17E-06	-0.110806	-2.315161	
1.00000	0.017583	-0.059039	0.122977
-4.17E-06	-0.217182	-2.264092	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.042867	0.011525	-0.021639
1.16E-07	-0.036649	0.444181	
0.25000	-0.042867	0.011525	-0.021639
1.16E-07	-0.017931	0.434212	
0.50000	-0.042867	0.011525	-0.021639
1.16E-07	0.000787	0.424243	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
904

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.042867	0.011525	-0.021639
1.16E-07	0.019505	0.414274	
1.00000	-0.042867	0.011525	-0.021639
1.16E-07	0.038224	0.404305	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.014906	-0.034437	-0.042259
-5.91E-06	-0.088839	-4.958984	
0.25000	-0.014906	-0.034437	-0.042259
-5.91E-06	-0.052285	-4.929196	
0.50000	-0.014906	-0.034437	-0.042259
-5.91E-06	-0.015730	-4.899407	
0.75000	-0.014906	-0.034437	-0.042259
-5.91E-06	0.020824	-4.869619	
1.00000	-0.014906	-0.034437	-0.042259
-5.91E-06	0.057378	-4.839830	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.014906	0.034437	0.042259
5.91E-06	0.088839	4.958984	
0.25000	0.014906	0.034437	0.042259
5.91E-06	0.052285	4.929196	
0.50000	0.014906	0.034437	0.042259
5.91E-06	0.015730	4.899407	
0.75000	0.014906	0.034437	0.042259
5.91E-06	-0.020824	4.869619	
1.00000	0.014906	0.034437	0.042259
5.91E-06	-0.057378	4.839830	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052609	0.055613	0.122977
9.76E-06	0.208320	4.958984	
0.25000	0.052609	0.055613	0.122977
9.76E-06	0.101944	4.929196	
0.50000	0.052609	0.055613	0.122977
9.76E-06	0.015730	4.899407	
0.75000	0.052609	0.055613	0.122977
9.76E-06	0.127019	4.869619	
1.00000	0.052609	0.055613	0.122977
9.76E-06	0.264998	4.839830	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.051056	-0.059039	-0.159512
-5.91E-06	-0.286916	-4.958984	
0.25000	-0.051056	-0.059039	-0.159512
-5.91E-06	-0.148938	-4.929196	
0.50000	-0.051056	-0.059039	-0.159512
-5.91E-06	-0.015730	-4.899407	
0.75000	-0.051056	-0.059039	-0.159512
-5.91E-06	-0.110806	-4.869619	
1.00000	-0.051056	-0.059039	-0.159512
-5.91E-06	-0.217182	-4.839830	

ELEM 478 ========== LENGTH = 3.460332

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.039624	0.001523	-0.004786
2.87E-06	-0.008528	-0.118759	
0.25000	-0.039624	0.001523	-0.004786
2.87E-06	-0.004388	-0.120076	
0.50000	-0.039624	0.001523	-0.004786
2.87E-06	-0.000248	-0.121393	
0.75000	-0.039624	0.001523	-0.004786
2.87E-06	0.003892	-0.122711	
1.00000	-0.039624	0.001523	-0.004786
2.87E-06	0.008032	-0.124028	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
905

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.004471	-0.016332	0.032849
-4.43E-06	0.058132	0.659880	
0.25000	0.004471	-0.016332	0.032849
-4.43E-06	0.029715	0.674009	
0.50000	0.004471	-0.016332	0.032849
-4.43E-06	0.001298	0.688138	
0.75000	0.004471	-0.016332	0.032849
-4.43E-06	-0.027118	0.702267	
1.00000	0.004471	-0.016332	0.032849
-4.43E-06	-0.055535	0.716395	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.012984	0.064183	-0.131596
6.17E-06	-0.232393	-2.425883	
0.25000	0.012984	0.064183	-0.131596
6.17E-06	-0.118552	-2.481407	
0.50000	0.012984	0.064183	-0.131596
6.17E-06	-0.004710	-2.536930	
0.75000	0.012984	0.064183	-0.131596
6.17E-06	0.109131	-2.592453	
1.00000	0.012984	0.064183	-0.131596
6.17E-06	0.222972	-2.647977	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.052157	-0.059764	-0.019519
-1.08E-05	-0.021650	3.767373	
0.25000	0.052157	-0.059764	-0.019519
-1.08E-05	-0.004764	3.819074	
0.50000	0.052157	-0.059764	-0.019519
-1.08E-05	0.012122	3.870775	
0.75000	0.052157	-0.059764	-0.019519
-1.08E-05	0.029007	3.922476	
1.00000	0.052157	-0.059764	-0.019519
-1.08E-05	0.045893	3.974176	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.026063	-0.010830	0.149360
6.58E-06	0.248082	-2.291819	
0.25000	0.026063	-0.010830	0.149360
6.58E-06	0.118873	-2.282450	
0.50000	0.026063	-0.010830	0.149360
6.58E-06	-0.010335	-2.273081	
0.75000	0.026063	-0.010830	0.149360
6.58E-06	-0.139544	-2.263712	
1.00000	0.026063	-0.010830	0.149360
6.58E-06	-0.268752	-2.254343	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.056050	0.021221	-0.026308
-4.34E-07		-0.043643	0.409207	
0.25000		-0.056050	0.021221	-0.026308
-4.34E-07		-0.020885	0.390849	
0.50000		-0.056050	0.021221	-0.026308
-4.34E-07		0.001874	0.372491	
0.75000		-0.056050	0.021221	-0.026308
-4.34E-07		0.024632	0.354134	
1.00000		-0.056050	0.021221	-0.026308
-4.34E-07		0.047390	0.335776	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000578	0.054875	0.012978
1.56E-05		0.007161	-4.836461	
0.25000		-0.000578	0.054875	0.012978
1.56E-05		-0.004066	-4.883932	
0.50000		-0.000578	0.054875	0.012978
1.56E-05		-0.015294	-4.931404	
0.75000		-0.000578	0.054875	0.012978
1.56E-05		-0.026521	-4.978876	
1.00000		-0.000578	0.054875	0.012978
1.56E-05		-0.037748	-5.026348	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
906

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000578	-0.054875	-0.012978
-1.56E-05		-0.007161	4.836461	
0.25000		0.000578	-0.054875	-0.012978
-1.56E-05		0.004066	4.883932	
0.50000		0.000578	-0.054875	-0.012978
-1.56E-05		0.015294	4.931404	
0.75000		0.000578	-0.054875	-0.012978
-1.56E-05		0.026521	4.978876	
1.00000		0.000578	-0.054875	-0.012978
-1.56E-05		0.037748	5.026348	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.052157	0.064183	0.149360
1.56E-05		0.248182	4.836461	
0.25000		0.052157	0.064183	0.149360
1.56E-05		0.118873	4.883932	
0.50000		0.052157	0.064183	0.149360
1.56E-05		0.015294	4.931404	
0.75000		0.052157	0.064183	0.149360
1.56E-05		0.109131	4.978876	
1.00000		0.052157	0.064183	0.149360
1.56E-05		0.222972	5.026348	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.056050	-0.059764	-0.131596
-1.56E-05		-0.232393	-4.836461	
0.25000		-0.056050	-0.059764	-0.131596
-1.56E-05		-0.118552	-4.883932	
0.50000		-0.056050	-0.059764	-0.131596
-1.56E-05		-0.015294	-4.931404	
0.75000		-0.056050	-0.059764	-0.131596
-1.56E-05		-0.139544	-4.978876	
1.00000		-0.056050	-0.059764	-0.131596
-1.56E-05		-0.268752	-5.026348	

ELEM 479 ========== LENGTH = 4.943558

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.030285	0.000684	-0.001774
1.51E-06		-0.004725	-0.123267	
0.25000		-0.030285	0.000684	-0.001774
1.51E-06		-0.002533	-0.124112	
0.50000		-0.030285	0.000684	-0.001774
1.51E-06		-0.000341	-0.124957	
0.75000		-0.030285	0.000684	-0.001774
1.51E-06		0.001851	-0.125802	
1.00000		-0.030285	0.000684	-0.001774
1.51E-06		0.004043	-0.126648	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004134	-0.001087	0.012773
-3.41E-06		0.033502	0.711041	
0.25000		0.004134	-0.001087	0.012773
-3.41E-06		0.017716	0.712385	
0.50000		0.004134	-0.001087	0.012773
-3.41E-06		0.001930	0.713729	
0.75000		0.004134	-0.001087	0.012773
-3.41E-06		-0.013856	0.715073	
1.00000		0.004134	-0.001087	0.012773
-3.41E-06		-0.029642	0.716417	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.008790	0.001200	-0.051725
8.61E-06		-0.135000	-2.626316	
0.25000		0.008790	0.001200	-0.051725
8.61E-06		-0.071073	-2.627799	
0.50000		0.008790	0.001200	-0.051725
8.61E-06		-0.007146	-2.629281	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
907

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.008790	0.001200	-0.051725
8.61E-06		-0.078781	-2.630764	
1.00000		0.008790	0.001200	-0.051725
8.61E-06		0.120708	-2.632247	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.048413	0.042811	-0.037165
-1.77E-05		-0.078004	3.981275	
0.25000		0.048413	0.042811	-0.037165
-1.77E-05		-0.032073	3.928366	
0.50000		0.048413	0.042811	-0.037165
-1.77E-05		0.013859	3.875456	
0.75000		0.048413	0.042811	-0.037165
-1.77E-05		0.059791	3.822547	
1.00000		0.048413	0.042811	-0.037165
-1.77E-05		0.105722	3.769638	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.036858	-0.081273	0.094208
1.03E-05		0.223084	-2.283685	
0.25000		0.036858	-0.081273	0.094208
1.03E-05		0.106653	-2.183241	
0.50000		0.036858	-0.081273	0.094208
1.03E-05		-0.009778	-2.082796	
0.75000		0.036858	-0.081273	0.094208
1.03E-05		-0.126210	-1.982351	
1.00000		0.036858	-0.081273	0.094208
1.03E-05		-0.242641	-1.881906	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.067909	0.037666	-0.016317
6.85E-07		-0.038857	0.340952	
0.25000		-0.067909	0.037666	-0.016317
6.85E-07		-0.018690	0.294400	
0.50000		-0.067909	0.037666	-0.016317
6.85E-07		0.001476	0.247849	
0.75000		-0.067909	0.037666	-0.016317
6.85E-07		0.021642	0.201297	
1.00000		-0.067909	0.037666	-0.016317
6.85E-07		0.041809	0.154746	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.015362	-0.079390	0.040709
2.04E-05		0.083359	-5.033268	
0.25000		0.015362	-0.079390	0.040709
2.04E-05		0.033047	-4.935151	
0.50000		0.015362	-0.079390	0.040709
2.04E-05		-0.017265	-4.837034	
0.75000		0.015362	-0.079390	0.040709
2.04E-05		-0.067577	-4.738918	
1.00000		0.015362	-0.079390	0.040709
2.04E-05		-0.117889	-4.640801	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.015362	0.079390	-0.040709
-2.04E-05		-0.083359	5.033268	
0.25000		-0.015362	0.079390	-0.040709
-2.04E-05		-0.033047	4.935151	
0.50000		-0.015362	0.079390	-0.040709
-2.04E-05		0.017265	4.837034	
0.75000		-0.015362	0.079390	-0.040709
-2.04E-05		0.067577	4.738918	
1.00000		-0.015362	0.079390	-0.040709
-2.04E-05		0.117889	4.640801	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.048413	0.079390	0.094208
2.04E-05		0.223084	5.033268	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
908

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.048413	0.079390	0.094208
2.04E-05		0.106653	4.935151	
0.50000		0.048413	0.079390	0.094208
2.04E-05		0.017265	4.837034	
0.75000		0.048413	0.079390	0.094208
2.04E-05		0.067577	4.738918	
1.00000		0.048413	0.079390	0.094208
2.04E-05		0.120708	4.640801	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.067909	-0.081273	-0.051725
-2.04E-05		-0.135000	-5.033268	
0.25000		-0.067909	-0.081273	-0.051725
-2.04E-05		-0.071073	-4.935151	
0.50000		-0.067909	-0.081273	-0.051725
-2.04E-05		-0.017265	-4.837034	
0.75000		-0.067909	-0.081273	-0.051725
-2.04E-05		-0.126210	-4.738918	
1.00000		-0.067909	-0.081273	-0.051725
-2.04E-05		-0.242641	-4.640801	

ELEM 480 ========== LENGTH = 4.942352

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.023128	-0.003471	-0.000958
5.99E-07		-0.002748	-0.126232	
0.25000		-0.023128	-0.003471	-0.000958
5.99E-07		-0.001565	-0.121943	
0.50000		-0.023128	-0.003471	-0.000958
5.99E-07		-0.000381	-0.117655	
0.75000		-0.023128	-0.003471	-0.000958
5.99E-07		0.000802	-0.113367	
1.00000		-0.023128	-0.003471	-0.000958
5.99E-07		0.001985	-0.109078	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003836	0.020244	0.007925
-2.36E-06		0.021789	0.713341	
0.25000		0.003836	0.020244	0.007925
-2.36E-06		0.011997	0.688328	
0.50000		0.003836	0.020244	0.007925
-2.36E-06		0.002204	0.663316	
0.75000		0.003836	0.020244	0.007925
-2.36E-06		-0.007588	0.638303	
1.00000		0.003836	0.020244	0.007925
-2.36E-06		-0.017380	0.613290	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.005493	-0.075208	-0.033137
8.59E-06		-0.090142	-2.619772	
0.25000		0.005493	-0.075208	-0.033137
8.59E-06		-0.049198	-2.526845	
0.50000		0.005493	-0.075208	-0.033137
8.59E-06		-0.008254	-2.433919	
0.75000		0.005493	-0.075208	-0.033137
8.59E-06		0.032690	-2.340993	
1.00000		0.005493	-0.075208	-0.033137
8.59E-06		0.073634	-2.248067	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.046419	0.157330	-0.067896
-2.02E-05		-0.156496	3.785693	
0.25000		0.046419	0.157330	-0.067896
-2.02E-05		-0.072604	3.591299	
0.50000		0.046419	0.157330	-0.067896
-2.02E-05		0.011287	3.396904	
0.75000		0.046419	0.157330	-0.067896
-2.02E-05		0.095179	3.202509	
1.00000		0.046419	0.157330	-0.067896
-2.02E-05		0.179070	3.008114	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
909

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.044644	-0.146803	0.112560
1.20E-05		0.273012	-1.913002	
0.25000		0.044644	-0.146803	0.112560
1.20E-05		0.133934	-1.731614	
0.50000		0.044644	-0.146803	0.112560
1.20E-05		-0.005144	-1.550225	
0.75000		0.044644	-0.146803	0.112560
1.20E-05		-0.144222	-1.368837	
1.00000		0.044644	-0.146803	0.112560
1.20E-05		-0.283300	-1.187449	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.077264	0.047909	-0.018494
1.39E-06		-0.045415	0.159971	
0.25000		-0.077264	0.047909	-0.018494
1.39E-06		-0.022563	0.100775	
0.50000		-0.077264	0.047909	-0.018494
1.39E-06		0.000288	0.041580	
0.75000		-0.077264	0.047909	-0.018494
1.39E-06		0.023139	-0.017616	
1.00000		-0.077264	0.047909	-0.018494
1.39E-06		0.045990	-0.076811	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.027009	-0.225482	0.078465
2.12E-05		0.180122	-4.659005	
0.25000		0.027009	-0.225482	0.078465
2.12E-05		0.083171	-4.380402	
0.50000		0.027009	-0.225482	0.078465
2.12E-05		-0.013780	-4.101799	
0.75000		0.027009	-0.225482	0.078465
2.12E-05		-0.110730	-3.823196	
1.00000		0.027009	-0.225482	0.078465
2.12E-05		-0.207681	-3.544593	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.027009	0.225482	-0.078465
-2.12E-05		-0.180122	4.659005	
0.25000		-0.027009	0.225482	-0.078465
-2.12E-05		-0.083171	4.380402	
0.50000		-0.027009	0.225482	-0.078465
-2.12E-05		0.013780	4.101799	
0.75000		-0.027009	0.225482	-0.078465
-2.12E-05		0.110730	3.823196	
1.00000		-0.027009	0.225482	-0.078465
-2.12E-05		0.207681	3.544593	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.046419	0.225482	0.112560
2.12E-05		0.273012	4.659005	
0.25000		0.046419	0.225482	0.112560
2.12E-05		0.133934	4.380402	
0.50000		0.046419	0.225482	0.112560
2.12E-05		0.013780	4.101799	
0.75000		0.046419	0.225482	0.112560
2.12E-05		0.110730	3.823196	
1.00000		0.046419	0.225482	0.112560
2.12E-05		0.207681	3.544593	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.077264	-0.225482	-0.078465
-2.12E-05		-0.180122	-4.659005	
0.25000		-0.077264	-0.225482	-0.078465
-2.12E-05		-0.083171	-4.380402	
0.50000		-0.077264	-0.225482	-0.078465
-2.12E-05		-0.013780	-4.101799	
0.75000		-0.077264	-0.225482	-0.078465
-2.12E-05		-0.144222	-3.823196	
1.00000		-0.077264	-0.225482	-0.078465
-2.12E-05		-0.283300	-3.544593	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
910

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 481 ========== LENGTH = 4.943378

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.017706	-0.001110	-0.000140
6.34E-08		-0.000686	-0.108926	
0.25000		-0.017706	-0.001110	-0.000140
6.34E-08		-0.000513	-0.107555	
0.50000		-0.017706	-0.001110	-0.000140
6.34E-08		-0.000339	-0.106183	
0.75000		-0.017706	-0.001110	-0.000140
6.34E-08		-0.000166	-0.104811	
1.00000		-0.017706	-0.001110	-0.000140
6.34E-08		7.51E-06	-0.103439	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003861	0.006800	0.003063
-1.29E-06		0.008617	0.611803	
0.25000		0.003861	0.006800	0.003063
-1.29E-06		0.005731	0.603259	
0.50000		0.003861	0.006800	0.003063
-1.29E-06		0.001945	0.594855	
0.75000		0.003861	0.006800	0.003063
-1.29E-06		-0.001841	0.586450	
1.00000		0.003861	0.006800	0.003063
-1.29E-06		-0.005627	0.578046	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001411	-0.025484	-0.014486
6.34E-06		-0.043068	-2.240901	
0.25000		0.001411	-0.025484	-0.014486
6.34E-06		-0.025165	-2.209407	
0.50000		0.001411	-0.025484	-0.014486
6.34E-06		-0.007263	-2.177913	
0.75000		0.001411	-0.025484	-0.014486
6.34E-06		0.010640	-2.146419	
1.00000		0.001411	-0.025484	-0.014486
6.34E-06		0.028542	-2.114926	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.043799	0.099086	-0.092754
-1.85E-05		-0.220009	3.031800	
0.25000		0.043799	0.099086	-0.092754
-1.85E-05		-0.105380	2.909345	
0.50000		0.043799	0.099086	-0.092754
-1.85E-05		0.009250	2.786890	
0.75000		0.043799	0.099086	-0.092754
-1.85E-05		0.123879	2.664435	
1.00000		0.043799	0.099086	-0.092754
-1.85E-05		0.238509	2.541980	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.053516	-0.137874	0.122511
1.19E-05		0.299753	-1.222340	
0.25000		0.053516	-0.137874	0.122511
1.19E-05		0.148348	-1.051949	
0.50000		0.053516	-0.137874	0.122511
1.19E-05		-0.003057	-0.881558	
0.75000		0.053516	-0.137874	0.122511
1.19E-05		-0.154462	-0.711167	
1.00000		0.053516	-0.137874	0.122511
1.19E-05		-0.305867	-0.540775	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.084881	0.058581	-0.018194
1.41E-06		-0.045507	-0.071296	
0.25000		-0.084881	0.058581	-0.018194
1.41E-06		-0.023022	-0.143694	
0.50000		-0.084881	0.058581	-0.018194
1.41E-06		-0.000536	-0.216091	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
911

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.084881	0.058581	-0.018194
1.41E-06		0.021949	-0.288488	
1.00000		-0.084881	0.058581	-0.018194
1.41E-06		0.044435	-0.360886	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.037221	-0.164468	0.107885
1.83E-05		0.255999	-3.572167	
0.25000		0.037221	-0.164468	0.107885
1.83E-05		0.122670	-3.368910	
0.50000		0.037221	-0.164468	0.107885
1.83E-05		-0.010659	-3.165654	
0.75000		0.037221	-0.164468	0.107885
1.83E-05		-0.143988	-2.962397	
1.00000		0.037221	-0.164468	0.107885
1.83E-05		-0.277317	-2.759140	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.037221	0.164468	-0.107885
-1.83E-05		-0.255999	3.572167	
0.25000		-0.037221	0.164468	-0.107885
-1.83E-05		-0.122670	3.368910	
0.50000		-0.037221	0.164468	-0.107885
-1.83E-05		0.010659	3.165654	
0.75000		-0.037221	0.164468	-0.107885
-1.83E-05		0.143988	2.962397	
1.00000		-0.037221	0.164468	-0.107885
-1.83E-05		0.277317	2.759140	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.053516	0.164468	0.122511
1.83E-05		0.299753	3.572167	
0.25000		0.053516	0.164468	0.122511
1.83E-05		0.148348	3.368910	
0.50000		0.053516	0.164468	0.122511
1.83E-05		0.010659	3.165654	
0.75000		0.053516	0.164468	0.122511
1.83E-05		0.143988	2.962397	
1.00000		0.053516	0.164468	0.122511
1.83E-05		0.277317	2.759140	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.084881	-0.164468	-0.107885
-1.85E-05		-0.255999	-3.572167	
0.25000		-0.084881	-0.164468	-0.107885
-1.85E-05		-0.122670	-3.368910	
0.50000		-0.084881	-0.164468	-0.107885
-1.85E-05		-0.010659	-3.165654	
0.75000		-0.084881	-0.164468	-0.107885
-1.85E-05		-0.154462	-2.962397	
1.00000		-0.084881	-0.164468	-0.107885
-1.85E-05		-0.305867	-2.759140	

ELEM 482 ========== LENGTH = 4.943447

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.013608	-0.004713	0.000575
-3.13E-07		0.001127	-0.103506	
0.25000		-0.013608	-0.004713	0.000575
-3.13E-07		0.000417	-0.097682	
0.50000		-0.013608	-0.004713	0.000575
-3.13E-07		-0.000294	-0.091857	
0.75000		-0.013608	-0.004713	0.000575
-3.13E-07		-0.001005	-0.086033	
1.00000		-0.013608	-0.004713	0.000575
-3.13E-07		-0.001715	-0.080208	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
912

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.003845	0.026497	-0.001160
-1.81E-07		-0.001188	0.577780	
0.25000		0.003845	0.026497	-0.001160
-1.81E-07		0.000245	0.545034	
0.50000		0.003845	0.026497	-0.001160
-1.81E-07		0.001678	0.512287	
0.75000		0.003845	0.026497	-0.001160
-1.81E-07		0.003112	0.479541	
1.00000		0.003845	0.026497	-0.001160
-1.81E-07		0.004545	0.446794	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001706	-0.097138	0.001686
3.11E-06		-0.002090	-2.113091	
0.25000		-0.001706	-0.097138	0.001686
3.11E-06		-0.004174	-1.992041	
0.50000		-0.001706	-0.097138	0.001686
3.11E-06		-0.006258	-1.872992	
0.75000		-0.001706	-0.097138	0.001686
3.11E-06		-0.008342	-1.752942	
1.00000		-0.001706	-0.097138	0.001686
3.11E-06		-0.010426	-1.632893	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041188	0.196280	-0.112207
-1.52E-05		-0.270464	2.572535	
0.25000		0.041188	0.196280	-0.112207
-1.52E-05		-0.131791	2.329959	
0.50000		0.041188	0.196280	-0.112207
-1.52E-05		0.006882	2.087384	
0.75000		0.041188	0.196280	-0.112207
-1.52E-05		0.145555	1.844808	
1.00000		0.041188	0.196280	-0.112207
-1.52E-05		0.284228	1.602233	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.060451	-0.178313	0.126824
1.19E-05		0.312966	-0.577920	
0.25000		0.060451	-0.178313	0.126824
1.19E-05		0.156229	-0.357550	
0.50000		0.060451	-0.178313	0.126824
1.19E-05		-0.000507	-0.137179	
0.75000		0.060451	-0.178313	0.126824
1.19E-05		-0.157243	0.083191	
1.00000		0.060451	-0.178313	0.126824
1.19E-05		-0.313980	0.303562	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090171	0.057387	-0.015717
7.69E-07	-0.040350	-0.355797	
0.25000	-0.090171	0.057387	-0.015717
7.69E-07	-0.020926	-0.426720	
0.50000	-0.090171	0.057387	-0.015717
7.69E-07	-0.001501	-0.497643	
0.75000	-0.090171	0.057387	-0.015717
7.69E-07	0.017924	-0.568565	
1.00000	-0.090171	0.057387	-0.015717
7.69E-07	0.037348	-0.639488	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.045138	-0.280165	0.129085
1.47E-05	0.312003	-2.794518	
0.25000	0.045138	-0.280165	0.129085
1.47E-05	0.152472	-2.448273	
0.50000	0.045138	-0.280165	0.129085
1.47E-05	-0.007059	-2.102028	
0.75000	0.045138	-0.280165	0.129085
1.47E-05	-0.166590	-1.755783	
1.00000	0.045138	-0.280165	0.129085
1.47E-05	-0.326121	-1.409539	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
913

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.045138	0.280165	-0.129085
-1.47E-05	-0.312003	2.794518	
0.25000	-0.045138	0.280165	-0.129085
-1.47E-05	-0.152472	2.448273	
0.50000	-0.045138	0.280165	-0.129085
-1.47E-05	0.007059	2.102028	
0.75000	-0.045138	0.280165	-0.129085
-1.47E-05	0.166590	1.755783	
1.00000	-0.045138	0.280165	-0.129085
-1.47E-05	0.326121	1.409539	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.060451	0.280165	0.129085
1.47E-05	0.312966	2.794518	
0.25000	0.060451	0.280165	0.129085
1.47E-05	0.156229	2.448273	
0.50000	0.060451	0.280165	0.129085
1.47E-05	0.007059	2.102028	
0.75000	0.060451	0.280165	0.129085
1.47E-05	0.166590	1.844808	
1.00000	0.060451	0.280165	0.129085
1.47E-05	0.326121	1.602233	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090171	-0.280165	-0.129085
-1.52E-05	-0.312003	-2.794518	
0.25000	-0.090171	-0.280165	-0.129085
-1.52E-05	-0.152472	-2.448273	
0.50000	-0.090171	-0.280165	-0.129085
-1.52E-05	-0.007059	-2.102028	
0.75000	-0.090171	-0.280165	-0.129085
-1.52E-05	-0.166590	-1.755783	
1.00000	-0.090171	-0.280165	-0.129085
-1.52E-05	-0.326121	-1.632893	

ELEM 483 ========== LENGTH = 4.942686

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.010506	-0.004723	0.001149
-5.55E-07	0.002623	-0.080469	
0.25000	-0.010506	-0.004723	0.001149
-5.55E-07	0.001203	-0.074633	
0.50000	-0.010506	-0.004723	0.001149
-5.55E-07	-0.000217	-0.068797	
0.75000	-0.010506	-0.004723	0.001149
-5.55E-07	-0.001637	-0.062961	
1.00000	-0.010506	-0.004723	0.001149
-5.55E-07	-0.003057	-0.057125	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003713	0.026324	-0.004546
7.55E-07	-0.009996	0.447667	
0.25000	0.003713	0.026324	-0.004546
7.55E-07	-0.004379	0.415139	
0.50000	0.003713	0.026324	-0.004546
7.55E-07	0.001239	0.382611	
0.75000	0.003713	0.026324	-0.004546
7.55E-07	0.006856	0.350083	
1.00000	0.003713	0.026324	-0.004546
7.55E-07	0.012473	0.317555	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003621	-0.096235	0.014655
2.42E-08	0.031597	-1.635414	
0.25000	-0.003621	-0.096235	0.014655
2.42E-08	0.013488	-1.516500	
0.50000	-0.003621	-0.096235	0.014655
2.42E-08	-0.004621	-1.397585	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
914

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.003621	-0.096235	0.014655
2.42E-08	0.022730	-1.278671	
1.00000	-0.003621	-0.096235	0.014655
2.42E-08	-0.040839	-1.159757	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.035907	0.193228	-0.124930
-1.25E-05	-0.305015	1.637598	
0.25000	0.035907	0.193228	-0.124930
-1.25E-05	-0.150642	1.398832	
0.50000	0.035907	0.193228	-0.124930
-1.25E-05	0.003731	1.160065	
0.75000	0.035907	0.193228	-0.124930
-1.25E-05	0.158104	0.921299	
1.00000	0.035907	0.193228	-0.124930
-1.25E-05	0.312477	0.682533	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.067878	-0.174343	0.124597
1.28E-05	0.310217	0.266094	
0.25000	0.067878	-0.174343	0.124597
1.28E-05	0.156255	0.481524	
0.50000	0.067878	-0.174343	0.124597
1.28E-05	0.002294	0.696954	
0.75000	0.067878	-0.174343	0.124597
1.28E-05	-0.151667	0.912384	
1.00000	0.067878	-0.174343	0.124597
1.28E-05	-0.305628	1.127814	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093372	0.055748	-0.010925
-4.71E-07	-0.029427	-0.635476	
0.25000	-0.093372	0.055748	-0.010925
-4.71E-07	-0.015927	-0.704362	
0.50000	-0.093372	0.055748	-0.010925
-4.71E-07	-0.002426	-0.773248	
0.75000	-0.093372	0.055748	-0.010925
-4.71E-07	0.011074	-0.842134	
1.00000	-0.093372	0.055748	-0.010925
-4.71E-07	0.024574	-0.911019	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.053752	-0.275300	0.140402
1.22E-05	0.344437	-1.449789	
0.25000	0.053752	-0.275300	0.140402
1.22E-05	0.170947	-1.109609	
0.50000	0.053752	-0.275300	0.140402
1.22E-05	-0.002543	-0.769429	
0.75000	0.053752	-0.275300	0.140402
1.22E-05	-0.176034	-0.429248	
1.00000	0.053752	-0.275300	0.140402
1.22E-05	-0.349524	-0.089068	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.053752	0.275300	-0.140402
-1.22E-05	-0.344437	1.449789	
0.25000	-0.053752	0.275300	-0.140402
-1.22E-05	-0.170947	1.109609	
0.50000	-0.053752	0.275300	-0.140402
-1.22E-05	0.002543	0.769429	
0.75000	-0.053752	0.275300	-0.140402
-1.22E-05	0.176034	0.429248	
1.00000	-0.053752	0.275300	-0.140402
-1.22E-05	0.349524	0.089068	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.067878	0.275300	0.140402
1.28E-05	0.344437	1.637598	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
915

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.067878	0.275300	0.140402
1.28E-05	0.170947	1.398832	
0.50000	0.067878	0.275300	0.140402
1.28E-05	0.003731	1.160065	
0.75000	0.067878	0.275300	0.140402
1.28E-05	0.176034	0.921299	
1.00000	0.067878	0.275300	0.140402
1.28E-05	0.349524	1.127814	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093372	-0.275300	-0.140402
-1.25E-05	-0.344437	-1.635414	
0.25000	-0.093372	-0.275300	-0.140402
-1.25E-05	-0.170947	-1.516500	
0.50000	-0.093372	-0.275300	-0.140402
-1.25E-05	-0.004621	-1.397585	
0.75000	-0.093372	-0.275300	-0.140402
-1.25E-05	-0.176034	-1.278671	
1.00000	-0.093372	-0.275300	-0.140402
-1.25E-05	-0.349524	-1.159757	

ELEM 484 ========== LENGTH = 4.943051

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008150	-0.004895	0.001548
-6.92E-07	0.003684	-0.057530	
0.25000	-0.008150	-0.004895	0.001548
-6.92E-07	0.001771	-0.051480	
0.50000	-0.008150	-0.004895	0.001548
-6.92E-07	-0.000142	-0.045431	
0.75000	-0.008150	-0.004895	0.001548
-6.92E-07	-0.002055	-0.039381	
1.00000	-0.008150	-0.004895	0.001548
-6.92E-07	-0.003968	-0.033332	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003466	0.027195	-0.006908
1.43E-06	-0.016259	0.319280	
0.25000	0.003466	0.027195	-0.006908
1.43E-06	-0.007723	0.285673	
0.50000	0.003466	0.027195	-0.006908
1.43E-06	0.000814	0.252066	
0.75000	0.003466	0.027195	-0.006908
1.43E-06	0.009350	0.218460	
1.00000	0.003466	0.027195	-0.006908
1.43E-06	0.017886	0.184853	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004498	-0.099341	0.023725
-2.41E-06	0.055599	-1.165546	
0.25000	-0.004498	-0.099341	0.023725
-2.41E-06	0.026280	-1.042784	
0.50000	-0.004498	-0.099341	0.023725
-2.41E-06	-0.003039	-0.920023	
0.75000	-0.004498	-0.099341	0.023725
-2.41E-06	-0.032357	-0.797261	
1.00000	-0.004498	-0.099341	0.023725
-2.41E-06	-0.061676	-0.674500	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.029586	0.198065	-0.129917
-1.07E-05	-0.320489	0.720529	
0.25000	0.029586	0.198065	-0.129917
-1.07E-05	-0.159942	0.475767	
0.50000	0.029586	0.198065	-0.129917
-1.07E-05	0.000605	0.231005	
0.75000	0.029586	0.198065	-0.129917
-1.07E-05	0.161152	-0.013757	
1.00000	0.029586	0.198065	-0.129917
-1.07E-05	0.321699	-0.258518	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
916

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074003	-0.177466	0.115361
1.45E-05	0.290265	1.092038	
0.25000	0.074003	-0.177466	0.115361
1.45E-05	0.147706	1.311343	
0.50000	0.074003	-0.177466	0.115361
1.45E-05	0.005148	1.530648	
0.75000	0.074003	-0.177466	0.115361
1.45E-05	-0.137411	1.749954	
1.00000	0.074003	-0.177466	0.115361
1.45E-05	-0.279969	1.969259	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094407	0.056441	-0.003809
-2.13E-06	-0.012800	-0.908770	
0.25000	-0.094407	0.056441	-0.003809
-2.13E-06	-0.008093	-0.978518	
0.50000	-0.094407	0.056441	-0.003809
-2.13E-06	-0.003386	-1.048266	
0.75000	-0.094407	0.056441	-0.003809
-2.13E-06	0.001321	-1.118015	
1.00000	-0.094407	0.056441	-0.003809
-2.13E-06	0.006028	-1.187763	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.061355	-0.281702	0.140634
1.14E-05	0.349548	-0.131038	
0.25000	0.061355	-0.281702	0.140634
1.14E-05	0.175757	0.217078	
0.50000	0.061355	-0.281702	0.140634
1.14E-05	0.001967	0.565195	
0.75000	0.061355	-0.281702	0.140634
1.14E-05	-0.171823	0.913311	
1.00000	0.061355	-0.281702	0.140634
1.14E-05	-0.345614	1.261428	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.061355	0.281702	-0.140634
-1.14E-05	-0.349548	0.131038	
0.25000	-0.061355	0.281702	-0.140634
-1.14E-05	-0.175757	-0.217078	
0.50000	-0.061355	0.281702	-0.140634
-1.14E-05	-0.001967	-0.565195	
0.75000	-0.061355	0.281702	-0.140634
-1.14E-05	0.171823	-0.913311	
1.00000	-0.061355	0.281702	-0.140634
-1.14E-05	0.345614	-1.261428	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.074003	0.281702	0.140634
1.45E-05	0.349548	1.092038	
0.25000	0.074003	0.281702	0.140634
1.45E-05	0.175757	1.311343	
0.50000	0.074003	0.281702	0.140634
1.45E-05	0.005148	1.530648	
0.75000	0.074003	0.281702	0.140634
1.45E-05	0.171823	1.749954	
1.00000	0.074003	0.281702	0.140634
1.45E-05	0.345614	1.969259	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.094407	-0.281702	-0.140634
-1.14E-05	-0.349548	-1.165546	
0.25000	-0.094407	-0.281702	-0.140634
-1.14E-05	-0.175757	-1.042784	
0.50000	-0.094407	-0.281702	-0.140634
-1.14E-05	-0.003386	-1.048266	
0.75000	-0.094407	-0.281702	-0.140634
-1.14E-05	-0.171823	-1.118015	
1.00000	-0.094407	-0.281702	-0.140634
-1.14E-05	-0.345614	-1.261428	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
917

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 485 ========== LENGTH = 4.943480

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.006385	-0.005093	0.001770
-7.52E-07	0.004312	-0.033828	
0.25000	-0.006385	-0.005093	0.001770
-7.52E-07	0.002125	-0.027534	
0.50000	-0.006385	-0.005093	0.001770
-7.52E-07	-6.26E-05	-0.021240	
0.75000	-0.006385	-0.005093	0.001770
-7.52E-07	-0.002250	-0.014946	
1.00000	-0.006385	-0.005093	0.001770
-7.52E-07	-0.004437	-0.008652	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003290	0.028257	-0.008237
1.82E-06	-0.020000	0.185127	
0.25000	0.003290	0.028257	-0.008237
1.82E-06	-0.009819	0.152205	
0.50000	0.003290	0.028257	-0.008237
1.82E-06	0.000361	0.117283	
0.75000	0.003290	0.028257	-0.008237
1.82E-06	0.010542	0.082362	
1.00000	0.003290	0.028257	-0.008237
1.82E-06	0.020722	0.047440	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005188	-0.103189	0.028860
-3.91E-06	0.069981	-0.682403	
0.25000	-0.005188	-0.103189	0.028860
-3.91E-06	0.034313	-0.554875	
0.50000	-0.005188	-0.103189	0.028860
-3.91E-06	-0.001355	-0.427347	
0.75000	-0.005188	-0.103189	0.028860
-3.91E-06	-0.037023	-0.299819	
1.00000	-0.005188	-0.103189	0.028860
-3.91E-06	-0.072690	-0.172291	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.025524	0.163358	-0.127490
-9.96E-06	-0.317456	-0.220155	
0.25000	0.025524	0.163358	-0.127490
-9.96E-06	-0.159895	-0.422044	
0.50000	0.025524	0.163358	-0.127490
-9.96E-06	-0.002334	-0.623934	
0.75000	0.025524	0.163358	-0.127490
-9.96E-06	0.155228	-0.825823	
1.00000	0.025524	0.163358	-0.127490
-9.96E-06	0.312789	-1.027713	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076082	-0.099289	0.099857
1.65E-05	0.254203	1.937201	
0.25000	0.076082	-0.099289	0.099857
1.65E-05	0.130793	2.059909	
0.50000	0.076082	-0.099289	0.099857
1.65E-05	0.007383	2.182618	
0.75000	0.076082	-0.099289	0.099857
1.65E-05	-0.116028	2.305326	
1.00000	0.076082	-0.099289	0.099857
1.65E-05	-0.239438	2.428035	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093323	0.015956	0.005240
-3.71E-06	0.008959	-1.187941	
0.25000	-0.093323	0.015956	0.005240
-3.71E-06	0.002483	-1.207661	
0.50000	-0.093323	0.015956	0.005240
-3.71E-06	-0.003993	-1.227380	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
918

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.093323	0.015956	0.005240
-3.71E-06	-0.010469	-1.247100	
1.00000	-0.093323	0.015956	0.005240
-3.71E-06	-0.016945	-1.266820	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.064509	-0.207571	0.130487
1.19E-05	0.328496	1.220969	
0.25000	0.064509	-0.207571	0.130487
1.19E-05	0.167231	1.477500	
0.50000	0.064509	-0.207571	0.130487
1.19E-05	0.005965	1.734031	
0.75000	0.064509	-0.207571	0.130487
1.19E-05	-0.155300	1.990562	
1.00000	0.064509	-0.207571	0.130487
1.19E-05	-0.316566	2.247093	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.064509	0.207571	-0.130487
-1.19E-05	-0.328496	-1.220969	
0.25000	-0.064509	0.207571	-0.130487
-1.19E-05	-0.167231	-1.477500	
0.50000	-0.064509	0.207571	-0.130487
-1.19E-05	-0.005965	-1.734031	
0.75000	-0.064509	0.207571	-0.130487
-1.19E-05	0.155300	-1.990562	
1.00000	-0.064509	0.207571	-0.130487
-1.19E-05	0.316566	-2.247093	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076082	0.207571	0.130487
1.65E-05	0.328496	1.937201	
0.25000	0.076082	0.207571	0.130487
1.65E-05	0.167231	2.059909	
0.50000	0.076082	0.207571	0.130487
1.65E-05	0.007383	2.182618	
0.75000	0.076082	0.207571	0.130487
1.65E-05	0.155300	2.305326	
1.00000	0.076082	0.207571	0.130487
1.65E-05	0.316566	2.428035	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.093323	-0.207571	-0.130487
-1.19E-05	-0.328496	-1.220969	
0.25000	-0.093323	-0.207571	-0.130487
-1.19E-05	-0.167231	-1.477500	
0.50000	-0.093323	-0.207571	-0.130487
-1.19E-05	-0.005965	-1.734031	
0.75000	-0.093323	-0.207571	-0.130487
-1.19E-05	-0.155300	-1.990562	
1.00000	-0.093323	-0.207571	-0.130487
-1.19E-05	-0.316566	-2.247093	

ELEM 486 ========== LENGTH = 4.943095

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005027	-0.004113	0.001827
-7.37E-07	0.004519	-0.009188	
0.25000	-0.005027	-0.004113	0.001827
-7.37E-07	0.002261	-0.004105	
0.50000	-0.005027	-0.004113	0.001827
-7.37E-07	4.06E-06	0.000978	
0.75000	-0.005027	-0.004113	0.001827
-7.37E-07	-0.002253	0.006062	
1.00000	-0.005027	-0.004113	0.001827
-7.37E-07	-0.004511	0.011145	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
919

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002992	0.022831	-0.008595
1.92E-06	-0.021265	0.049958	
0.25000	0.002992	0.022831	-0.008595
1.92E-06	-0.010643	0.021745	
0.50000	0.002992	0.022831	-0.008595
1.92E-06	-2.22E-05	-0.006469	
0.75000	0.002992	0.022831	-0.008595
1.92E-06	0.010599	-0.034683	
1.00000	0.002992	0.022831	-0.008595
1.92E-06	0.021220	-0.062896	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005121	-0.083389	0.030274
-4.50E-06	0.074901	-0.181158	
0.25000	-0.005121	-0.083389	0.030274
-4.50E-06	0.037490	-0.078108	
0.50000	-0.005121	-0.083389	0.030274
-4.50E-06	7.82E-05	0.024943	
0.75000	-0.005121	-0.083389	0.030274
-4.50E-06	-0.037333	0.127993	
1.00000	-0.005121	-0.083389	0.030274
-4.50E-06	-0.074745	0.231043	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.019806	0.163953	-0.118640
-9.44E-06	-0.297922	-0.991164	
0.25000	0.019806	0.163953	-0.118640
-9.44E-06	-0.151310	-1.193773	
0.50000	0.019806	0.163953	-0.118640
-9.44E-06	-0.004698	-1.396382	
0.75000	0.019806	0.163953	-0.118640
-9.44E-06	0.141914	-1.598990	
1.00000	0.019806	0.163953	-0.118640
-9.44E-06	0.288526	-1.801599	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078249	-0.143530	0.079329
1.72E-05	0.205297	2.401585	
0.25000	0.078249	-0.143530	0.079329
1.72E-05	0.107264	2.578956	
0.50000	0.078249	-0.143530	0.079329
1.72E-05	0.009232	2.756326	
0.75000	0.078249	-0.143530	0.079329
1.72E-05	-0.088801	2.933696	
1.00000	0.078249	-0.143530	0.079329
1.72E-05	-0.186834	3.111067	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090898	0.044249	0.015805
-4.45E-06	0.034470	-1.270034	
0.25000	-0.090898	0.044249	0.015805
-4.45E-06	0.014938	-1.324715	
0.50000	-0.090898	0.044249	0.015805
-4.45E-06	-0.004594	-1.379397	
0.75000	-0.090898	0.044249	0.015805
-4.45E-06	-0.024125	-1.434078	
1.00000	-0.090898	0.044249	0.015805
-4.45E-06	-0.043657	-1.488759	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.068100	-0.231032	0.111429
1.20E-05	0.284717	2.211240	
0.25000	0.068100	-0.231032	0.111429
1.20E-05	0.147016	2.496743	
0.50000	0.068100	-0.231032	0.111429
1.20E-05	0.009314	2.782247	
0.75000	0.068100	-0.231032	0.111429
1.20E-05	-0.128388	3.067751	
1.00000	0.068100	-0.231032	0.111429
1.20E-05	-0.266089	3.353255	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068100	0.231032	-0.111429
-1.20E-05	-0.284717	-2.211240	
0.25000	-0.068100	0.231032	-0.111429
-1.20E-05	-0.147016	-2.496743	
0.50000	-0.068100	0.231032	-0.111429
-1.20E-05	-0.009314	-2.782247	
0.75000	-0.068100	0.231032	-0.111429
-1.20E-05	0.128388	-3.067751	
1.00000	-0.068100	0.231032	-0.111429
-1.20E-05	0.266089	-3.353255	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.078249	0.231032	0.111429
1.72E-05	0.284717	2.401585	
0.25000	0.078249	0.231032	0.111429
1.72E-05	0.147016	2.578956	
0.50000	0.078249	0.231032	0.111429
1.72E-05	0.009314	2.782247	
0.75000	0.078249	0.231032	0.111429
1.72E-05	0.141914	3.067751	
1.00000	0.078249	0.231032	0.111429
1.72E-05	0.288526	3.353255	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.090898	-0.231032	-0.118640
-1.20E-05	-0.297922	-2.211240	
0.25000	-0.090898	-0.231032	-0.118640
-1.20E-05	-0.151310	-2.496743	
0.50000	-0.090898	-0.231032	-0.118640
-1.20E-05	-0.009314	-2.782247	
0.75000	-0.090898	-0.231032	-0.118640
-1.20E-05	-0.128388	-3.067751	
1.00000	-0.090898	-0.231032	-0.118640
-1.20E-05	-0.266089	-3.353255	

ELEM 487 ========== LENGTH = 4.942837

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004004	-0.003305	0.001683
-6.52E-07	0.004272	0.010618	
0.25000	-0.004004	-0.003305	0.001683
-6.52E-07	0.002193	0.014702	
0.50000	-0.004004	-0.003305	0.001683
-6.52E-07	0.000113	0.018786	
0.75000	-0.004004	-0.003305	0.001683
-6.52E-07	-0.001967	0.022870	
1.00000	-0.004004	-0.003305	0.001683
-6.52E-07	-0.004047	0.026953	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002679	0.018439	-0.007838
1.81E-06	-0.019961	-0.060428	
0.25000	0.002679	0.018439	-0.007838
1.81E-06	-0.010275	-0.083213	
0.50000	0.002679	0.018439	-0.007838
1.81E-06	-0.000590	-0.105998	
0.75000	0.002679	0.018439	-0.007838
1.81E-06	0.009096	-0.128783	
1.00000	0.002679	0.018439	-0.007838
1.81E-06	0.018781	-0.151568	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004660	-0.067520	0.027493
-4.52E-06	0.070092	0.222359	
0.25000	-0.004660	-0.067520	0.027493
-4.52E-06	0.036119	0.395794	
0.50000	-0.004660	-0.067520	0.027493
-4.52E-06	0.002146	0.389230	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.004660	-0.067520	0.027493
-4.52E-06	0.031828	0.472665	
1.00000	-0.004660	-0.067520	0.027493
-4.52E-06	-0.065801	0.556100	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.013463	0.099454	-0.100618
-7.50E-06	-0.258507	-1.768917	
0.25000	0.013463	0.099454	-0.100618
-7.50E-06	-0.134173	-1.891813	
0.50000	0.013463	0.099454	-0.100618
-7.50E-06	-0.009838	-2.014709	
0.75000	0.013463	0.099454	-0.100618
-7.50E-06	0.114497	-2.137605	
1.00000	0.013463	0.099454	-0.100618
-7.50E-06	0.238831	-2.260501	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080762	-0.048220	0.052695
1.40E-05	0.142491	3.091592	
0.25000	0.080762	-0.048220	0.052695
1.40E-05	0.077376	3.151178	
0.50000	0.080762	-0.048220	0.052695
1.40E-05	0.012261	3.210763	
0.75000	0.080762	-0.048220	0.052695
1.40E-05	-0.052854	3.270349	
1.00000	0.080762	-0.048220	0.052695
1.40E-05	-0.117970	3.329934	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088239	0.001152	0.026585
-3.15E-06	0.061612	-1.495224	
0.25000	-0.088239	0.001152	0.026585
-3.15E-06	0.028760	-1.496648	
0.50000	-0.088239	3.471672	0.026585
-3.15E-06	-0.004092	-1.498071	
0.75000	-0.088239	0.001152	0.026585
-3.15E-06	-0.036943	-1.499495	
1.00000	-0.088239	0.001152	0.026585
-3.15E-06	-0.069795	-1.500919	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.072098	-0.119045	0.081871
8.85E-06	0.216856	3.324569	
0.25000	0.072098	-0.119045	0.081871
8.85E-06	0.115688	3.471674	
0.50000	0.072098	-0.119045	0.081871
8.85E-06	0.014519	3.618779	
0.75000	0.072098	-0.119045	0.081871
8.85E-06	-0.086649	3.765884	
1.00000	0.072098	-0.119045	0.081871
8.85E-06	-0.187817	3.912988	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072098	0.119045	-0.081871
-8.85E-06	-0.216856	-3.324569	
0.25000	-0.072098	0.119045	-0.081871
-8.85E-06	-0.115688	-3.471674	
0.50000	-0.072098	0.119045	-0.081871
-8.85E-06	-0.014519	-3.618779	
0.75000	-0.072098	0.119045	-0.081871
-8.85E-06	0.086649	-3.765884	
1.00000	-0.072098	0.119045	-0.081871
-8.85E-06	0.187817	-3.912988	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080762	0.119045	0.081871
1.40E-05	0.216856	3.324569	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.080762	0.119045	0.081871
1.40E-05	0.115688	3.471674	
0.50000	0.080762	0.119045	0.081871
1.40E-05	0.014519	3.618779	
0.75000	0.080762	0.119045	0.081871
1.40E-05	0.114497	3.765884	
1.00000	0.080762	0.119045	0.081871
1.40E-05	0.238831	3.912988	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.088239	-0.119045	-0.100618
-8.85E-06	-0.258507	-3.324569	
0.25000	-0.088239	-0.119045	-0.100618
-8.85E-06	-0.134173	-3.471674	
0.50000	-0.088239	-0.119045	-0.100618
-8.85E-06	-0.014519	-3.618779	
0.75000	-0.088239	-0.119045	-0.100618
-8.85E-06	-0.086649	-3.765884	
1.00000	-0.088239	-0.119045	-0.100618
-8.85E-06	-0.187817	-3.912988	

ELEM 488 ========== LENGTH = 3.460010

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003258	-0.001897	0.002903
-6.02E-07	0.005174	0.026400	
0.25000	-0.003258	-0.001897	0.002903
-6.02E-07	0.002663	0.028041	
0.50000	-0.003258	-0.001897	0.002903
-6.02E-07	0.000153	0.029682	
0.75000	-0.003258	-0.001897	0.002903
-6.02E-07	-0.002358	0.031323	
1.00000	-0.003258	-0.001897	0.002903
-6.02E-07	-0.004869	0.032964	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002442	0.010086	-0.013164
1.83E-06	-0.023571	-0.149027	
0.25000	0.002442	0.010086	-0.013164
1.83E-06	-0.012184	-0.157751	
0.50000	0.002442	0.010086	-0.013164
1.83E-06	-0.000798	-0.166475	
0.75000	0.002442	0.010086	-0.013164
1.83E-06	0.010589	-0.175199	
1.00000	0.002442	0.010086	-0.013164
1.83E-06	0.021976	-0.183923	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.004214	-0.036174	0.045623
-4.91E-06	0.081826	0.547242	
0.25000	-0.004214	-0.036174	0.045623
-4.91E-06	0.042362	0.578533	
0.50000	-0.004214	-0.036174	0.045623
-4.91E-06	0.002898	0.609823	
0.75000	-0.004214	-0.036174	0.045623
-4.91E-06	-0.036566	0.641114	
1.00000	-0.004214	-0.036174	0.045623
-4.91E-06	-0.076029	0.672405	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.007807	0.023078	-0.161312
-3.14E-06	-0.289736	-2.228796	
0.25000	0.007807	0.023078	-0.161312
-3.14E-06	-0.150200	-2.248759	
0.50000	0.007807	0.023078	-0.161312
-3.14E-06	-0.010664	-2.268721	
0.75000	0.007807	0.023078	-0.161312
-3.14E-06	0.128871	-2.288684	
1.00000	0.007807	0.023078	-0.161312
-3.14E-06	0.268407	-2.308646	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.083391	0.041450	0.056195
5.67E-06	0.108373	3.316374	
0.25000	0.083391	0.041450	0.056195
5.67E-06	0.059764	3.280520	
0.50000	0.083391	0.041450	0.056195
5.67E-06	0.011155	3.244665	
0.75000	0.083391	0.041450	0.056195
5.67E-06	-0.037454	3.208810	
1.00000	0.083391	0.041450	0.056195
5.67E-06	-0.086063	3.172955	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086170	-0.036543	0.069756
1.15E-06	0.117303	-1.351193	
0.25000	-0.086170	-0.036543	0.069756
1.15E-06	0.057595	-1.480584	
0.50000	-0.086170	-0.036543	0.069756
1.15E-06	-0.002744	-1.448974	
0.75000	-0.086170	-0.036543	0.069756
1.15E-06	-0.063083	-1.417365	
1.00000	-0.086170	-0.036543	0.069756
1.15E-06	-0.123422	-1.385755	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075920	0.003379	0.104721
1.61E-07	0.195373	3.890017	
0.25000	0.075920	0.003379	0.104721
1.61E-07	0.104790	3.887094	
0.50000	0.075920	0.003379	0.104721
1.61E-07	0.014206	3.884171	
0.75000	0.075920	0.003379	0.104721
1.61E-07	-0.076378	3.881248	
1.00000	0.075920	0.003379	0.104721
1.61E-07	-0.166961	3.878325	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075920	-0.003379	-0.104721
-1.61E-07	-0.195373	-3.890017	
0.25000	-0.075920	-0.003379	-0.104721
-1.61E-07	-0.104790	-3.887094	
0.50000	-0.075920	-0.003379	-0.104721
-1.61E-07	-0.014206	-3.884171	
0.75000	-0.075920	-0.003379	-0.104721
-1.61E-07	0.076378	-3.881248	
1.00000	-0.075920	-0.003379	-0.104721
-1.61E-07	0.166961	-3.878325	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.083391	0.041450	0.104721
5.67E-06	0.195373	3.890017	
0.25000	0.083391	0.041450	0.104721
5.67E-06	0.104790	3.887094	
0.50000	0.083391	0.041450	0.104721
5.67E-06	0.014206	3.884171	
0.75000	0.083391	0.041450	0.104721
5.67E-06	0.128871	3.881248	
1.00000	0.083391	0.041450	0.104721
5.67E-06	0.268407	3.878325	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.086170	-0.036543	-0.161312
-4.91E-06	-0.289736	-3.890017	
0.25000	-0.086170	-0.036543	-0.161312
-4.91E-06	-0.150200	-3.887094	
0.50000	-0.086170	-0.036543	-0.161312
-4.91E-06	-0.014206	-3.884171	
0.75000	-0.086170	-0.036543	-0.161312
-4.91E-06	-0.076378	-3.881248	
1.00000	-0.086170	-0.036543	-0.161312
-4.91E-06	-0.166961	-3.878325	

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 489 ========== LENGTH = 3.460026

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002607	-0.001007	0.002598
-4.63E-07	0.004533	0.032401	
0.25000	-0.002607	-0.001007	0.002598
-4.63E-07	0.002286	0.033271	
0.50000	-0.002607	-0.001007	0.002598
-4.63E-07	3.85E-05	0.034142	
0.75000	-0.002607	-0.001007	0.002598
-4.63E-07	-0.002209	0.035013	
1.00000	-0.002607	-0.001007	0.002598
-4.63E-07	-0.004456	0.035884	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.002105	0.005635	-0.011317
1.77E-06	0.019881	-0.151413	
0.25000	0.002105	0.005635	-0.011317
1.77E-06	-0.010092	-0.186287	
0.50000	0.002105	0.005635	-0.011317
1.77E-06	-0.000302	-0.191162	
0.75000	0.002105	0.005635	-0.011317
1.77E-06	0.009487	-0.196037	
1.00000	0.002105	0.005635	-0.011317
1.77E-06	0.019277	-0.200911	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003564	-0.020856	0.038463
-5.57E-06	0.067756	0.663780	
0.25000	-0.003564	-0.020856	0.038463
-5.57E-06	0.034485	0.681821	
0.50000	-0.003564	-0.020856	0.038463
-5.57E-06	0.001214	0.699861	
0.75000	-0.003564	-0.020856	0.038463
-5.57E-06	-0.032057	0.717901	
1.00000	-0.003564	-0.020856	0.038463
-5.57E-06	-0.065328	0.735942	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.003187	0.074142	-0.134356
7.85E-06	-0.236718	-2.278348	
0.25000	0.003187	0.074142	-0.134356
7.85E-06	-0.120499	-2.342481	
0.50000	0.003187	0.074142	-0.134356
7.85E-06	-0.004281	-2.406614	
0.75000	0.003187	0.074142	-0.134356
7.85E-06	0.111938	-2.470747	
1.00000	0.003187	0.074142	-0.134356
7.85E-06	0.228157	-2.534880	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.083324	-0.093289	0.018246
-1.39E-05	0.041228	3.165319	
0.25000	0.083324	-0.093289	0.018246
-1.39E-05	0.025445	3.246014	
0.50000	0.083324	-0.093289	0.018246
-1.39E-05	0.009662	3.326709	
0.75000	0.083324	-0.093289	0.018246
-1.39E-05	-0.006121	3.407405	
1.00000	0.083324	-0.093289	0.018246
-1.39E-05	-0.021903	3.488100	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082445	0.035374	0.086366
1.03E-05	0.143083	-1.401738	
0.25000	-0.082445	0.035374	0.086366
1.03E-05	0.068375	-1.432337	
0.50000	-0.082445	0.035374	0.086366
1.03E-05	-0.006332	-1.462936	

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.082445	0.035374	0.086366
1.03E-05	-0.081039	-1.493535	
1.00000	-0.082445	0.035374	0.086366
1.03E-05	-0.155746	-1.524134	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077152	-0.115151	0.059307
-1.99E-05	0.113517	3.861500	
0.25000	0.077152	-0.115151	0.059307
-1.99E-05	0.062216	3.961106	
0.50000	0.077152	-0.115151	0.059307
-1.99E-05	0.010915	4.060713	
0.75000	0.077152	-0.115151	0.059307
-1.99E-05	-0.040386	4.160319	
1.00000	0.077152	-0.115151	0.059307
-1.99E-05	-0.091687	4.259926	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077152	0.115151	-0.059307
1.99E-05	-0.113517	-3.861500	
0.25000	-0.077152	0.115151	-0.059307
1.99E-05	-0.062216	-3.961106	
0.50000	-0.077152	0.115151	-0.059307
1.99E-05	-0.010915	-4.060713	
0.75000	-0.077152	0.115151	-0.059307
1.99E-05	0.040386	-4.160319	
1.00000	-0.077152	0.115151	-0.059307
1.99E-05	0.091687	-4.259926	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.083324	0.115151	0.086366
1.99E-05	0.143083	3.861500	
0.25000	0.083324	0.115151	0.086366
1.99E-05	0.068375	3.961106	
0.50000	0.083324	0.115151	0.086366
1.99E-05	0.010915	4.060713	
0.75000	0.083324	0.115151	0.086366
1.99E-05	0.111938	4.160319	
1.00000	0.083324	0.115151	0.086366
1.99E-05	0.228157	4.259926	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.082445	-0.115151	-0.134356
-1.99E-05	-0.236718	-3.861500	
0.25000	-0.082445	-0.115151	-0.134356
-1.99E-05	-0.120499	-3.961106	
0.50000	-0.082445	-0.115151	-0.134356
-1.99E-05	-0.010915	-4.060713	
0.75000	-0.082445	-0.115151	-0.134356
-1.99E-05	-0.081039	-4.160319	
1.00000	-0.082445	-0.115151	-0.134356
-1.99E-05	-0.155746	-4.259926	

ELEM 490 ========== LENGTH = 4.943366

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002040	-0.000395	0.001163
-3.05E-07	0.002954	0.035440	
0.25000	-0.002040	-0.000395	0.001163
-3.05E-07	0.001517	0.035928	
0.50000	-0.002040	-0.000395	0.001163
-3.05E-07	7.89E-05	0.036416	
0.75000	-0.002040	-0.000395	0.001163
-3.05E-07	-0.001359	0.036904	
1.00000	-0.002040	-0.000395	0.001163
-3.05E-07	-0.002797	0.037392	

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001756	0.001859	-0.004731
1.37E-06	-0.012201	-0.199023	
0.25000	0.001756	0.001859	-0.004731
1.37E-06	-0.006354	-0.201321	
0.50000	0.001756	0.001859	-0.004731
1.37E-06	-0.000506	-0.203618	
0.75000	0.001756	0.001859	-0.004731
1.37E-06	0.005341	-0.205916	
1.00000	0.001756	0.001859	-0.004731
1.37E-06	0.011188	-0.208214	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.003035	-0.006370	0.015512
-4.62E-06	0.040293	0.729606	
0.25000	-0.003035	-0.006370	0.015512
-4.62E-06	0.021122	0.737478	
0.50000	-0.003035	-0.006370	0.015512
-4.62E-06	0.001951	0.745351	
0.75000	-0.003035	-0.006370	0.015512
-4.62E-06	-0.017219	0.753224	
1.00000	-0.003035	-0.006370	0.015512
-4.62E-06	-0.036390	0.761097	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000594	0.019208	-0.053604
1.10E-05	-0.139369	-2.512831	
0.25000	0.000594	0.019208	-0.053604
1.10E-05	-0.073123	-2.536569	
0.50000	0.000594	0.019208	-0.053604
1.10E-05	-0.006877	-2.560306	
0.75000	0.000594	0.019208	-0.053604
1.10E-05	0.059368	-2.584044	
1.00000	0.000594	0.019208	-0.053604
1.10E-05	0.125614	-2.607782	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080288	-0.019937	-0.014654
-2.10E-05	-0.024093	3.488234	
0.25000	0.080288	-0.019937	-0.014654
-2.10E-05	-0.005983	3.512872	
0.50000	0.080288	-0.019937	-0.014654
-2.10E-05	0.012127	3.537511	
0.75000	0.080288	-0.019937	-0.014654
-2.10E-05	0.030237	3.562150	
1.00000	0.080288	-0.019937	-0.014654
-2.10E-05	0.048347	3.586788	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077562	0.005635	0.056313
1.36E-05	0.132415	-1.541425	
0.25000	-0.077562	0.005635	0.056313
1.36E-05	0.062821	-1.548389	
0.50000	-0.077562	0.005635	0.056313
1.36E-05	-0.006774	-1.555354	
0.75000	-0.077562	0.005635	0.056313
1.36E-05	-0.075368	-1.562318	
1.00000	-0.077562	0.005635	0.056313
1.36E-05	-0.145962	-1.569282	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.075212	-0.026702	0.002022
-2.60E-05	0.019155	4.253279	
0.25000	0.075212	-0.026702	0.002022
-2.60E-05	0.016656	4.286278	
0.50000	0.075212	-0.026702	0.002022
-2.60E-05	0.011657	4.319278	
0.75000	0.075212	-0.026702	0.002022
-2.60E-05	0.011659	4.352278	
1.00000	0.075212	-0.026702	0.002022
-2.60E-05	0.009160	4.385278	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
927

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.075212	0.026702	-0.002022
2.60E-05	-0.019155	-4.253279	
0.25000	-0.075212	0.026702	-0.002022
2.60E-05	-0.016656	-4.286278	
0.50000	-0.075212	0.026702	-0.002022
2.60E-05	-0.014157	-4.319278	
0.75000	-0.075212	0.026702	-0.002022
2.60E-05	-0.011659	-4.352278	
1.00000	-0.075212	0.026702	-0.002022
2.60E-05	-0.009160	-4.385278	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.080288	0.026702	0.056313
2.60E-05	0.132415	4.253279	
0.25000	0.080288	0.026702	0.056313
2.60E-05	0.062821	4.286278	
0.50000	0.080288	0.026702	0.056313
2.60E-05	0.014157	4.319278	
0.75000	0.080288	0.026702	0.056313
2.60E-05	0.059368	4.352278	
1.00000	0.080288	0.026702	0.056313
2.60E-05	0.125614	4.385278	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.077562	-0.026702	-0.053604
-2.60E-05	-0.139369	-4.253279	
0.25000	-0.077562	-0.026702	-0.053604
-2.60E-05	-0.073123	-4.286278	
0.50000	-0.077562	-0.026702	-0.053604
-2.60E-05	-0.014157	-4.319278	
0.75000	-0.077562	-0.026702	-0.053604
-2.60E-05	-0.076368	-4.352278	
1.00000	-0.077562	-0.026702	-0.053604
-2.60E-05	-0.145962	-4.385278	

ELEM 491 ========== LENGTH = 4.942624

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001586	0.000724	0.000951
-1.79E-07	0.002464	0.037076	
0.25000	-0.001586	0.000724	0.000951
-1.79E-07	0.001289	0.036182	
0.50000	-0.001586	0.000724	0.000951
-1.79E-07	0.000114	0.035288	
0.75000	-0.001586	0.000724	0.000951
-1.79E-07	-0.001060	0.034394	
1.00000	-0.001586	0.000724	0.000951
-1.79E-07	-0.002235	0.033500	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001372	-0.004233	-0.003409
9.64E-07	-0.009069	-0.206997	
0.25000	0.001372	-0.004233	-0.003409
9.64E-07	-0.004857	-0.201767	
0.50000	0.001372	-0.004233	-0.003409
9.64E-07	-0.000645	-0.196536	
0.75000	0.001372	-0.004233	-0.003409
9.64E-07	0.003566	-0.191305	
1.00000	0.001372	-0.004233	-0.003409
9.64E-07	0.007778	-0.186075	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002238	0.015697	0.010355
-3.48E-06	0.027989	0.757231	
0.25000	-0.002238	0.015697	0.010355
-3.48E-06	0.015193	0.737835	
0.50000	-0.002238	0.015697	0.010355
-3.48E-06	0.002398	0.718439	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
928

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.002238	0.015697	0.010355
-3.48E-06	-0.010397	0.699042	
1.00000	-0.002238	0.015697	0.010355
-3.48E-06	-0.023193	0.679646	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.002864	-0.054786	-0.035009
1.08E-05	-0.094908	-2.594530	
0.25000	-0.002864	-0.054786	-0.035009
1.08E-05	-0.051649	-2.526833	
0.50000	-0.002864	-0.054786	-0.035009
1.08E-05	-0.008390	-2.459136	
0.75000	-0.002864	-0.054786	-0.035009
1.08E-05	0.034869	-2.391439	
1.00000	-0.002864	-0.054786	-0.035009
1.08E-05	0.078128	-2.323742	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077588	0.081649	-0.043546
-2.30E-05	-0.096245	3.595443	
0.25000	0.077588	0.081649	-0.043546
-2.30E-05	-0.042438	3.494553	
0.50000	0.077588	0.081649	-0.043546
-2.30E-05	0.011369	3.393662	
0.75000	0.077588	0.081649	-0.043546
-2.30E-05	0.065177	3.292772	
1.00000	0.077588	0.081649	-0.043546
-2.30E-05	0.118984	3.191881	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.072272	-0.039051	0.070657
1.49E-05	0.169770	-1.588223	
0.25000	-0.072272	-0.039051	0.070657
1.49E-05	0.082462	-1.539970	
0.50000	-0.072272	-0.039051	0.070657
1.49E-05	-0.004847	-1.491717	
0.75000	-0.072272	-0.039051	0.070657
1.49E-05	-0.092155	-1.443464	
1.00000	-0.072272	-0.039051	0.070657
1.49E-05	-0.179463	-1.395211	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073764	0.098070	-0.032240
-2.67E-05	-0.065793	4.389751	
0.25000	0.073764	0.098070	-0.032240
-2.67E-05	-0.025955	4.268570	
0.50000	0.073764	0.098070	-0.032240
-2.67E-05	0.013882	4.147389	
0.75000	0.073764	0.098070	-0.032240
-2.67E-05	0.053719	4.026208	
1.00000	0.073764	0.098070	-0.032240
-2.67E-05	0.093557	3.905028	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073764	-0.098070	0.032240
2.67E-05	0.065793	-4.389751	
0.25000	-0.073764	-0.098070	0.032240
2.67E-05	0.025955	-4.268570	
0.50000	-0.073764	-0.098070	0.032240
2.67E-05	-0.013882	-4.147389	
0.75000	-0.073764	-0.098070	0.032240
2.67E-05	-0.053719	-4.026208	
1.00000	-0.073764	-0.098070	0.032240
2.67E-05	-0.093557	-3.905028	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.077588	0.098070	0.070657
2.67E-05	0.169770	4.389751	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
929

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.25000	0.077588	0.098070	0.070657
2.67E-05	0.082462	4.268570	
0.50000	0.077588	0.098070	0.070657
2.67E-05	0.013882	4.147389	
0.75000	0.077588	0.098070	0.070657
2.67E-05	0.065177	4.026208	
1.00000	0.077588	0.098070	0.070657
2.67E-05	0.118984	3.905028	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073764	-0.098070	-0.043546
-2.67E-05	-0.096245	-4.389751	
0.25000	-0.073764	-0.098070	-0.043546
-2.67E-05	-0.051649	-4.268570	
0.50000	-0.073764	-0.098070	-0.043546
-2.67E-05	-0.013882	-4.147389	
0.75000	-0.073764	-0.098070	-0.043546
-2.67E-05	-0.092155	-4.026208	
1.00000	-0.073764	-0.098070	-0.043546
-2.67E-05	-0.179463	-3.905028	

ELEM 492 ========== LENGTH = 4.942827

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001258	0.000320	0.000710
-9.48E-08	0.001857	0.033255	
0.25000	-0.001258	0.000320	0.000710
-9.48E-08	0.000979	0.032860	
0.50000	-0.001258	0.000320	0.000710
-9.48E-08	0.000102	0.032465	
0.75000	-0.001258	0.000320	0.000710
-9.48E-08	-0.000776	0.032070	
1.00000	-0.001258	0.000320	0.000710
-9.48E-08	-0.001653	0.031675	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.001117	-0.001954	-0.002005
6.18E-07	-0.005533	-0.185273	
0.25000	0.001117	-0.001954	-0.002005
6.18E-07	-0.003055	-0.182858	
0.50000	0.001117	-0.001954	-0.002005
6.18E-07	-0.000577	-0.180444	
0.75000	0.001117	-0.001954	-0.002005
6.18E-07	0.001900	-0.178029	
1.00000	0.001117	-0.001954	-0.002005
6.18E-07	0.004378	-0.175614	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001667	0.007351	0.004997
-2.36E-06	0.014496	0.677368	
0.25000	-0.001667	0.007351	0.004997
-2.36E-06	0.008321	0.668284	
0.50000	-0.001667	0.007351	0.004997
-2.36E-06	0.002146	0.659200	
0.75000	-0.001667	0.007351	0.004997
-2.36E-06	-0.004029	0.650116	
1.00000	-0.001667	0.007351	0.004997
-2.36E-06	-0.010204	0.641032	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.005771	-0.025773	-0.015792
8.56E-06	-0.046542	-2.316127	
0.25000	-0.005771	-0.025773	-0.015792
8.56E-06	-0.027028	-2.284279	
0.50000	-0.005771	-0.025773	-0.015792
8.56E-06	-0.007514	-2.252432	
0.75000	-0.005771	-0.025773	-0.015792
8.56E-06	0.012000	-2.220585	
1.00000	-0.005771	-0.025773	-0.015792
8.56E-06	0.031514	-2.188737	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
930

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076222	0.041354	-0.070005
-2.11E-05	-0.162668	3.208559	
0.25000	0.076222	0.041354	-0.070005
-2.11E-05	-0.076162	3.157457	
0.50000	0.076222	0.041354	-0.070005
-2.11E-05	0.010344	3.106356	
0.75000	0.076222	0.041354	-0.070005
-2.11E-05	0.096850	3.055254	
1.00000	0.076222	0.041354	-0.070005
-2.11E-05	0.183356	3.004152	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.068643	-0.021299	0.082095
1.44E-05	0.198389	-1.441782	
0.25000	-0.068643	-0.021299	0.082095
1.44E-05	0.096944	-1.391464	
0.50000	-0.068643	-0.021299	0.082095
1.44E-05	-0.004501	-1.365145	
0.75000	-0.068643	-0.021299	0.082095
1.44E-05	-0.105946	-1.338826	
1.00000	-0.068643	-0.021299	0.082095
1.44E-05	-0.207392	-1.312508	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073297	0.049025	-0.064298
-2.36E-05	-0.146315	3.919182	
0.25000	0.073297	0.049025	-0.064298
-2.36E-05	-0.066861	3.858601	
0.50000	0.073297	0.049025	-0.064298
-2.36E-05	0.012592	3.798021	
0.75000	0.073297	0.049025	-0.064298
-2.36E-05	0.092046	3.737440	
1.00000	0.073297	0.049025	-0.064298
-2.36E-05	0.171500	3.676859	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073297	-0.049025	0.064298
2.36E-05	0.146315	-3.919182	
0.25000	-0.073297	-0.049025	0.064298
2.36E-05	0.066861	-3.858601	
0.50000	-0.073297	-0.049025	0.064298
2.36E-05	-0.012592	-3.798021	
0.75000	-0.073297	-0.049025	0.064298
2.36E-05	-0.092046	-3.737440	
1.00000	-0.073297	-0.049025	0.064298
2.36E-05	-0.171500	-3.676859	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.076222	0.049025	0.082095
2.36E-05	0.198389	3.919182	
0.25000	0.076222	0.049025	0.082095
2.36E-05	0.096944	3.858601	
0.50000	0.076222	0.049025	0.082095
2.36E-05	0.012592	3.798021	
0.75000	0.076222	0.049025	0.082095
2.36E-05	0.096850	3.737440	
1.00000	0.076222	0.049025	0.082095
2.36E-05	0.183356	3.676859	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.073297	-0.049025	-0.070005
-2.36E-05	-0.162668	-3.919182	
0.25000	-0.073297	-0.049025	-0.070005
-2.36E-05	-0.076162	-3.858601	
0.50000	-0.073297	-0.049025	-0.070005
-2.36E-05	-0.012592	-3.798021	
0.75000	-0.073297	-0.049025	-0.070005
-2.36E-05	-0.105946	-3.737440	
1.00000	-0.073297	-0.049025	-0.070005
-2.36E-05	-0.207392	-3.676859	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
931

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 493 ========== LENGTH = 4.943147

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001000	0.000947	0.000497
-1.28E-08	0.001320	0.031497	
0.25000	-0.001000	0.000947	0.000497
-1.28E-08	0.000706	0.030327	
0.50000	-0.001000	0.000947	0.000497
-1.28E-08	9.14E-05	0.029157	
0.75000	-0.001000	0.000947	0.000497
-1.28E-08	-0.000523	0.027987	
1.00000	-0.001000	0.000947	0.000497
-1.28E-08	-0.001137	0.026817	

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000910	-0.005403	-0.000760
2.22E-07	0.000394	-0.175205	
0.25000	0.000910	-0.005403	-0.000760
2.22E-07	-0.001455	-0.168528	
0.50000	0.000910	-0.005403	-0.000760
2.22E-07	-0.000516	-0.161851	
0.75000	0.000910	-0.005403	-0.000760
2.22E-07	0.000422	-0.155175	
1.00000	0.000910	-0.005403	-0.000760
2.22E-07	0.001361	-0.148498	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.001199	0.019913	0.000244
-9.85E-07	0.002521	0.640252	
0.25000	-0.001199	0.019913	0.000244
-9.85E-07	0.002219	0.615644	
0.50000	-0.001199	0.019913	0.000244
-9.85E-07	0.001918	0.591036	
0.75000	-0.001199	0.019913	0.000244
-9.85E-07	0.001616	0.566428	
1.00000	-0.001199	0.019913	0.000244
-9.85E-07	0.001314	0.541820	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.008242	-0.068215	0.001319
4.96E-06	-0.003467	-2.186537	
0.25000	-0.008242	-0.068215	0.001319
4.96E-06	-0.005097	-2.102237	
0.50000	-0.008242	-0.068215	0.001319
4.96E-06	-0.006727	-2.017937	
0.75000	-0.008242	-0.068215	0.001319
4.96E-06	-0.008357	-1.933638	
1.00000	-0.008242	-0.068215	0.001319
4.96E-06	-0.009987	-1.849338	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073175	0.099565	-0.093717
-1.70E-05	-0.222384	3.028340	
0.25000	0.073175	0.099565	-0.093717
-1.70E-05	0.076569	2.995299	
0.50000	0.073175	0.099565	-0.093717
-1.70E-05	0.009245	2.782257	
0.75000	0.073175	0.099565	-0.093717
-1.70E-05	0.125060	2.659216	
1.00000	0.073175	0.099565	-0.093717
-1.70E-05	0.240874	2.536174	

LOAD -P6 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.063644	-0.046807	0.092416
1.28E-05	0.224403	-1.338348	
0.25000	-0.063644	-0.046807	0.092416
1.28E-05	0.110196	-1.280505	
0.50000	-0.063644	-0.046807	0.092416
1.28E-05	-0.004011	-1.222662	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
932

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL DIST	P	V2	V3
T	M2	M3	
0.75000	-0.063644	-0.046807	0.092416
1.28E-05	-0.118218	-1.164819	
1.00000	-0.063644	-0.046807	0.092416
1.28E-05	-0.232425	-1.106976	

LOAD -2N+1- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.070976	0.120425	-0.092976
-1.80E-05	-0.218543	3.700090	
0.25000	0.070976	0.120425	-0.092976
-1.80E-05	-0.103644	3.551270	
0.50000	0.070976	0.120425	-0.092976
-1.80E-05	0.011254	3.402451	
0.75000	0.070976	0.120425	-0.092976
-1.80E-05	0.126153	3.253631	
1.00000	0.070976	0.120425	-0.092976
-1.80E-05	0.241051	3.104812	

LOAD -2N+2- ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070976	-0.120425	0.092976
1.80E-05	0.218543	-3.700090	
0.25000	-0.070976	-0.120425	0.092976
1.80E-05	0.103644	-3.551270	
0.50000	-0.070976	-0.120425	0.092976
1.80E-05	-0.011254	-3.402451	
0.75000	-0.070976	-0.120425	0.092976
1.80E-05	-0.126153	-3.253631	
1.00000	-0.070976	-0.120425	0.092976
1.80E-05	-0.241051	-3.104812	

COMB SETTLE ---------- MAX

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.073175	0.120425	0.092976
1.80E-05	0.224403	3.700090	
0.25000	0.073175	0.120425	0.092976
1.80E-05	0.110196	3.551270	
0.50000	0.073175	0.120425	0.092976
1.80E-05	0.011254	3.402451	
0.75000	0.073175	0.120425	0.092976
1.80E-05	0.126153	3.253631	
1.00000	0.073175	0.120425	0.092976
1.80E-05	0.241051	3.104812	

COMB SETTLE ---------- MIN

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.070976	-0.120425	-0.093717
-1.80E-05	-0.222384	-3.700090	
0.25000	-0.070976	-0.120425	-0.093717
-1.80E-05	-0.106569	-3.551270	
0.50000	-0.070976	-0.120425	-0.093717
-1.80E-05	-0.011254	-3.402451	
0.75000	-0.070976	-0.120425	-0.093717
-1.80E-05	-0.126153	-3.253631	
1.00000	-0.070976	-0.120425	-0.093717
-1.80E-05	-0.241051	-3.104812	

ELEM 494 ========== LENGTH = 4.943689

LOAD -P1 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000788	0.000962	0.000314
6.38E-08	0.000852	0.026698	
0.25000	-0.000788	0.000962	0.000314
6.38E-08	0.000464	0.025509	
0.50000	-0.000788	0.000962	0.000314
6.38E-08	7.55E-05	0.024320	
0.75000	-0.000788	0.000962	0.000314
6.38E-08	-0.000313	0.023131	
1.00000	-0.000788	0.000962	0.000314
6.38E-08	-0.000701	0.021942	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
933

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.000741	-0.005470	0.000306
-1.74E-07	0.000331	-0.148435	
0.25000	0.000741	-0.005470	0.000306
-1.74E-07	-4.72E-05	-0.141675	
0.50000	0.000741	-0.005470	0.000306
-1.74E-07	-0.000426	-0.134916	
0.75000	0.000741	-0.005470	0.000306
-1.74E-07	-0.000804	-0.128156	
1.00000	0.000741	-0.005470	0.000306
-1.74E-07	-0.001183	-0.121396	

LOAD -P3 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.000872	0.020144	-0.003818
4.25E-07	-0.007857	0.542368	
0.25000	-0.000872	0.020144	-0.003818
4.25E-07	-0.003138	0.517472	
0.50000	-0.000872	0.020144	-0.003818
4.25E-07	0.001580	0.492576	
0.75000	-0.000872	0.020144	-0.003818
4.25E-07	0.006298	0.467680	
1.00000	-0.000872	0.020144	-0.003818
4.25E-07	0.011016	0.442785	

LOAD -P4 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	-0.009434	-0.068618	0.015997
1.28E-06	0.033986	-1.851972	
0.25000	-0.009434	-0.068618	0.015997
1.28E-06	0.014215	-1.767166	
0.50000	-0.009434	-0.068618	0.015997
1.28E-06	-0.005556	-1.682360	
0.75000	-0.009434	-0.068618	0.015997
1.28E-06	-0.025327	-1.597554	
1.00000	-0.009434	-0.068618	0.015997
1.28E-06	-0.045098	-1.512748	

LOAD -P5 ----------

REL DIST	P	V2	V3
T	M2	M3	
0.00000	0.066739	0.099842	-0.113965
-1.27E-05	-0.274103	2.567080	
0.25000	0.066739	0.099842	-0.113965
-1.27E-05	-0.133251	2.443683	
0.50000	0.066739	0.099842	-0.113965
-1.27E-05	0.007601	2.320285	
0.75000	0.066739	0.099842	-0.113965
-1.27E-05	0.148453	2.196888	
1.00000	0.066739	0.099842	-0.113965
-1.27E-05	0.289305	2.073491	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.056385	-0.046861	0.101165
1.11E-05		0.246790	-1.135738	
0.25000		-0.056385	-0.046861	0.101165
1.11E-05		0.121757	-1.077822	
0.50000		-0.056385	-0.046861	0.101165
1.11E-05		-0.003275	-1.019906	
0.75000		-0.056385	-0.046861	0.101165
1.11E-05		-0.128308	-0.961990	
1.00000		-0.056385	-0.046861	0.101165
1.11E-05		-0.253340	-0.904074	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.065079	0.120948	-0.117469
-1.22E-05		-0.281107	3.136146	
0.25000		0.065079	0.120948	-0.117469
-1.22E-05		-0.135925	2.986664	
0.50000		0.065079	0.120948	-0.117469
-1.22E-05		0.009257	2.837182	
0.75000		0.065079	0.120948	-0.117469
-1.22E-05		0.154439	2.687700	
1.00000		0.065079	0.120948	-0.117469
-1.22E-05		0.299621	2.538218	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 934
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.065079	-0.120948	0.117469
1.22E-05		0.281107	-3.136146	
0.25000		-0.065079	-0.120948	0.117469
1.22E-05		0.135925	-2.986664	
0.50000		-0.065079	-0.120948	0.117469
1.22E-05		-0.009257	-2.837182	
0.75000		-0.065079	-0.120948	0.117469
1.22E-05		-0.154439	-2.687700	
1.00000		-0.065079	-0.120948	0.117469
1.22E-05		-0.299621	-2.538218	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.066739	0.120948	0.117469
1.22E-05		0.281107	3.136146	
0.25000		0.066739	0.120948	0.117469
1.22E-05		0.135925	2.986664	
0.50000		0.066739	0.120948	0.117469
1.22E-05		0.009257	2.837182	
0.75000		0.066739	0.120948	0.117469
1.22E-05		0.154439	2.687700	
1.00000		0.066739	0.120948	0.117469
1.22E-05		0.299621	2.538218	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.065079	-0.120948	-0.117469
-1.27E-05		-0.281107	-3.136146	
0.25000		-0.065079	-0.120948	-0.117469
-1.27E-05		-0.135925	-2.986664	
0.50000		-0.065079	-0.120948	-0.117469
-1.27E-05		-0.009257	-2.837182	
0.75000		-0.065079	-0.120948	-0.117469
-1.27E-05		-0.154439	-2.687700	
1.00000		-0.065079	-0.120948	-0.117469
-1.27E-05		-0.299621	-2.538218	

ELEM 495 ========== LENGTH = 4.942369

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000591	0.000978	0.000165
1.36E-07		0.000469	0.021872	
0.25000		-0.000591	0.000978	0.000165
1.36E-07		0.000265	0.020663	
0.50000		-0.000591	0.000978	0.000165
1.36E-07		6.06E-05	0.019455	
0.75000		-0.000591	0.000978	0.000165
1.36E-07		-0.000144	0.018246	
1.00000		-0.000591	0.000978	0.000165
1.36E-07		-0.000348	0.017038	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000488	-0.005550	0.001174
-5.54E-07		0.002561	-0.121619	
0.25000		0.000488	-0.005550	0.001174
-5.54E-07		0.001110	-0.114762	
0.50000		0.000488	-0.005550	0.001174
-5.54E-07		-0.000342	-0.107905	
0.75000		0.000488	-0.005550	0.001174
-5.54E-07		-0.001793	-0.101048	
1.00000		0.000488	-0.005550	0.001174
-5.54E-07		-0.003244	-0.094190	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000248	0.020430	-0.007124
1.79E-06		-0.016338	0.444422	
0.25000		-0.000248	0.020430	-0.007124
1.79E-06		-0.007535	0.419178	
0.50000		-0.000248	0.020430	-0.007124
1.79E-06		0.001267	0.393935	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 935
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.000248	0.020430	-0.007124
1.79E-06		0.009069	0.368692	
1.00000		-0.000248	0.020430	-0.007124
1.79E-06		0.018872	0.343449	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.009033	-0.069496	0.027857
-2.03E-06		0.064411	-1.519317	
0.25000		-0.009033	-0.069496	0.027857
-2.03E-06		0.029991	-1.433449	
0.50000		-0.009033	-0.069496	0.027857
-2.03E-06		-0.004428	-1.347581	
0.75000		-0.009033	-0.069496	0.027857
-2.03E-06		-0.038848	-1.261712	
1.00000		-0.009033	-0.069496	0.027857
-2.03E-06		-0.073268	-1.175844	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.056506	0.100892	-0.130258
-9.26E-06		-0.315834	2.109811	
0.25000		0.056506	0.100892	-0.130258
-9.26E-06		-0.154888	1.985149	
0.50000		0.056506	0.100892	-0.130258
-9.26E-06		0.006058	1.860488	
0.75000		0.056506	0.100892	-0.130258
-9.26E-06		0.167004	1.735826	
1.00000		0.056506	0.100892	-0.130258
-9.26E-06		0.327950	1.611164	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.047121	-0.047255	0.108186
9.91E-06		0.264731	-0.935168	
0.25000		-0.047121	-0.047255	0.108186
9.91E-06		0.131058	-0.876780	
0.50000		-0.047121	-0.047255	0.108186
9.91E-06		-0.002615	-0.818392	
0.75000		-0.047121	-0.047255	0.108186
9.91E-06		-0.136289	-0.760004	
1.00000		-0.047121	-0.047255	0.108186
9.91E-06		-0.269962	-0.701616	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.055666	0.122300	-0.137217
-7.33E-06		-0.331703	2.576104	
0.25000		0.055666	0.122300	-0.137217
-7.33E-06		-0.162159	2.424991	
0.50000		0.055666	0.122300	-0.137217
-7.33E-06		0.007385	2.273877	
0.75000		0.055666	0.122300	-0.137217
-7.33E-06		0.176929	2.122764	
1.00000		0.055666	0.122300	-0.137217
-7.33E-06		0.346474	1.971651	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.055666	-0.122300	0.137217
7.33E-06		0.331703	-2.576104	
0.25000		-0.055666	-0.122300	0.137217
7.33E-06		0.162159	-2.424991	
0.50000		-0.055666	-0.122300	0.137217
7.33E-06		-0.007385	-2.273877	
0.75000		-0.055666	-0.122300	0.137217
7.33E-06		-0.176929	-2.122764	
1.00000		-0.055666	-0.122300	0.137217
7.33E-06		-0.346474	-1.971651	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.056506	0.122300	0.137217
9.91E-06		0.331703	2.576104	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 936
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.056506	0.122300	0.137217
9.91E-06		0.162159	2.424991	
0.50000		0.056506	0.122300	0.137217
9.91E-06		0.007385	2.273877	
0.75000		0.056506	0.122300	0.137217
9.91E-06		0.176929	2.122764	
1.00000		0.056506	0.122300	0.137217
9.91E-06		0.346474	1.971651	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.055666	-0.122300	-0.137217
-9.26E-06		-0.331703	-2.576104	
0.25000		-0.055666	-0.122300	-0.137217
-9.26E-06		-0.162159	-2.424991	
0.50000		-0.055666	-0.122300	-0.137217
-9.26E-06		-0.007385	-2.273877	
0.75000		-0.055666	-0.122300	-0.137217
-9.26E-06		-0.176929	-2.122764	
1.00000		-0.055666	-0.122300	-0.137217
-9.26E-06		-0.346474	-1.971651	

ELEM 496 ========== LENGTH = 4.943166

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.000361	0.000972	4.37E-05
2.02E-07		0.000155	0.017005	
0.25000		-0.000361	0.000972	4.37E-05
2.02E-07		0.000101	0.015804	
0.50000		-0.000361	0.000972	4.37E-05
2.02E-07		4.68E-05	0.014603	
0.75000		-0.000361	0.000972	4.37E-05
2.02E-07		-7.21E-06	0.013402	
1.00000		-0.000361	0.000972	4.37E-05
2.02E-07		-6.13E-05	0.012201	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-6.07E-05	-0.005508	0.001874
-9.00E-07		0.004369	-0.094631	
0.25000		-6.07E-05	-0.005508	0.001874
-9.00E-07		0.002054	-0.087824	
0.50000		-6.07E-05	-0.005508	0.001874
-9.00E-07		-0.000262	-0.081018	
0.75000		-6.07E-05	-0.005508	0.001874
-9.00E-07		-0.002578	-0.074211	
1.00000		-6.07E-05	-0.005508	0.001874
-9.00E-07		-0.004894	-0.067404	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001434	0.020275	-0.009775
3.03E-06		-0.023189	0.345912	
0.25000		0.001434	0.020275	-0.009775
3.03E-06		-0.011110	0.320857	
0.50000		0.001434	0.020275	-0.009775
3.03E-06		0.000970	0.295802	
0.75000		0.001434	0.020275	-0.009775
3.03E-06		0.013049	0.270747	
1.00000		0.001434	0.020275	-0.009775
3.03E-06		0.025129	0.245692	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.006738	-0.067908	0.036838
-5.05E-06		0.087787	-1.185486	
0.25000		-0.006738	-0.067908	0.036838
-5.05E-06		0.042263	-1.101566	
0.50000		-0.006738	-0.067908	0.036838
-5.05E-06		-0.003262	-1.017646	
0.75000		-0.006738	-0.067908	0.036838
-5.05E-06		-0.048786	-0.933727	
1.00000		-0.006738	-0.067908	0.036838
-5.05E-06		-0.094310	-0.849807	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 937
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.040455	0.098141	-0.142127
-6.46E-06		-0.346937	1.651763	
0.25000		0.040455	0.098141	-0.142127
-6.46E-06		-0.171297	1.530481	
0.50000		0.040455	0.098141	-0.142127
-6.46E-06		0.004342	1.409199	
0.75000		0.040455	0.098141	-0.142127
-6.46E-06		0.179982	1.287917	
1.00000		0.040455	0.098141	-0.142127
-6.46E-06		0.355622	1.166635	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.034730	-0.045972	0.113146
9.18E-06		0.237814	-0.734562	
0.25000		-0.034730	-0.045972	0.113146
9.18E-06		0.137990	-0.677751	
0.50000		-0.034730	-0.045972	0.113146
9.18E-06		-0.001835	-0.620940	
0.75000		-0.034730	-0.045972	0.113146
9.18E-06		-0.141660	-0.564128	
1.00000		-0.034730	-0.045972	0.113146
9.18E-06		-0.281485	-0.507317	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041529	0.119387	-0.151858
-3.23E-06		-0.369971	2.014679	
0.25000		0.041529	0.119387	-0.151858
-3.23E-06		-0.182306	1.867141	
0.50000		0.041529	0.119387	-0.151858
-3.23E-06		0.005359	1.719604	
0.75000		0.041529	0.119387	-0.151858
-3.23E-06		0.193024	1.572066	
1.00000		0.041529	0.119387	-0.151858
-3.23E-06		0.380689	1.424528	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.041529	-0.119387	0.151858
3.23E-06		0.369971	-2.014679	
0.25000		-0.041529	-0.119387	0.151858
3.23E-06		0.182306	-1.867141	
0.50000		-0.041529	-0.119387	0.151858
3.23E-06		-0.005359	-1.719604	
0.75000		-0.041529	-0.119387	0.151858
3.23E-06		-0.193024	-1.572066	
1.00000		-0.041529	-0.119387	0.151858
3.23E-06		-0.380689	-1.424528	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.041529	0.119387	0.151858
9.18E-06		0.369971	2.014679	
0.25000		0.041529	0.119387	0.151858
9.18E-06		0.182306	1.867141	
0.50000		0.041529	0.119387	0.151858
9.18E-06		0.005359	1.719604	
0.75000		0.041529	0.119387	0.151858
9.18E-06		0.193024	1.572066	
1.00000		0.041529	0.119387	0.151858
9.18E-06		0.380689	1.424528	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.041529	-0.119387	-0.151858
-6.46E-06		-0.369971	-2.014679	
0.25000		-0.041529	-0.119387	-0.151858
-6.46E-06		-0.182306	-1.867141	
0.50000		-0.041529	-0.119387	-0.151858
-6.46E-06		-0.005359	-1.719604	
0.75000		-0.041529	-0.119387	-0.151858
-6.46E-06		-0.193024	-1.572066	
1.00000		-0.041529	-0.119387	-0.151858
-6.46E-06		-0.380689	-1.424528	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 938
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 497 ========== LENGTH = 4.942859

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.01E-05	0.000668	-6.37E-05
2.27E-07		-0.000118	0.012200	
0.25000		-8.01E-05	0.000668	-6.37E-05
2.27E-07		-3.95E-05	0.011374	
0.50000		-8.01E-05	0.000668	-6.37E-05
2.27E-07		3.93E-05	0.010549	
0.75000		-8.01E-05	0.000668	-6.37E-05
2.27E-07		0.000118	0.009723	
1.00000		-8.01E-05	0.000668	-6.37E-05
2.27E-07		0.000197	0.008898	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001000	-0.003819	0.002490
-1.03E-06		0.005927	-0.098030	
0.25000		-0.001000	-0.003819	0.002490
-1.03E-06		0.002851	-0.063311	
0.50000		-0.001000	-0.003819	0.002490
-1.03E-06		-0.000226	-0.058591	
0.75000		-0.001000	-0.003819	0.002490
-1.03E-06		-0.003302	-0.053871	
1.00000		-0.001000	-0.003819	0.002490
-1.03E-06		-0.006379	-0.049152	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004559	0.014105	-0.012094
3.50E-06		-0.029048	0.248858	
0.25000		0.004559	0.014105	-0.012094
3.50E-06		-0.014103	0.231428	
0.50000		0.004559	0.014105	-0.012094
3.50E-06		0.000842	0.213998	
0.75000		0.004559	0.014105	-0.012094
3.50E-06		0.015787	0.196568	
1.00000		0.004559	0.014105	-0.012094
3.50E-06		0.030732	0.179138	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.003364	-0.047482	0.043419
-7.88E-06		0.104776	-0.861754	
0.25000		-0.003364	-0.047482	0.043419
-7.88E-06		0.051122	-0.803080	
0.50000		-0.003364	-0.047482	0.043419
-7.88E-06		-0.002531	-0.744407	
0.75000		-0.003364	-0.047482	0.043419
-7.88E-06		-0.056184	-0.685733	
1.00000		-0.003364	-0.047482	0.043419
-7.88E-06		-0.109837	-0.627059	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.021075	0.070009	-0.150394
-2.68E-06		-0.368158	1.210271	
0.25000		0.021075	0.070009	-0.150394
-2.68E-06		-0.182314	1.123760	
0.50000		0.021075	0.070009	-0.150394
-2.68E-06		0.003531	1.037249	
0.75000		0.021075	0.070009	-0.150394
-2.68E-06		0.189376	0.950739	
1.00000		0.021075	0.070009	-0.150394
-2.68E-06		0.375220	0.864228	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.021191	-0.033481	0.116644
7.86E-06		0.286622	-0.541545	
0.25000		-0.021191	-0.033481	0.116644
7.86E-06		0.142483	-0.500172	
0.50000		-0.021191	-0.033481	0.116644
7.86E-06		-0.001655	-0.458799	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 939
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-0.021191	-0.033481	0.116644
7.86E-06		-0.145794	-0.417426	
1.00000		-0.021191	-0.033481	0.116644
7.86E-06		-0.289933	-0.376053	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.025554	0.084782	-0.162552
1.05E-06		-0.397325	1.471329	
0.25000		0.025554	0.084782	-0.162552
1.05E-06		-0.196456	1.366563	
0.50000		0.025554	0.084782	-0.162552
1.05E-06		0.004412	1.261796	
0.75000		0.025554	0.084782	-0.162552
1.05E-06		0.205281	1.157030	
1.00000		0.025554	0.084782	-0.162552
1.05E-06		0.406149	1.052264	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.025554	-0.084782	0.162552
-1.05E-06		0.397325	-1.471329	
0.25000		-0.025554	-0.084782	0.162552
-1.05E-06		0.196456	-1.366563	
0.50000		-0.025554	-0.084782	0.162552
-1.05E-06		0.004412	-1.261796	
0.75000		-0.025554	-0.084782	0.162552
-1.05E-06		-0.205281	-1.157030	
1.00000		-0.025554	-0.084782	0.162552
-1.05E-06		-0.406149	-1.052264	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.025554	0.084782	0.162552
7.86E-06		0.397325	1.471329	
0.25000		0.025554	0.084782	0.162552
7.86E-06		0.196456	1.366563	
0.50000		0.025554	0.084782	0.162552
7.86E-06		0.004412	1.261796	
0.75000		0.025554	0.084782	0.162552
7.86E-06		0.205281	1.157030	
1.00000		0.025554	0.084782	0.162552
7.86E-06		0.406149	1.052264	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.025554	-0.084782	-0.162552
-7.88E-06		-0.397325	-1.471329	
0.25000		-0.025554	-0.084782	-0.162552
-7.88E-06		-0.196456	-1.366563	
0.50000		-0.025554	-0.084782	-0.162552
-7.88E-06		-0.004412	-1.261796	
0.75000		-0.025554	-0.084782	-0.162552
-7.88E-06		-0.205281	-1.157030	
1.00000		-0.025554	-0.084782	-0.162552
-7.88E-06		-0.406149	-1.052264	

ELEM 498 ========== LENGTH = 4.944025

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000146	0.001257	-0.000145
1.80E-07		-0.000345	0.008922	
0.25000		0.000146	0.001257	-0.000145
1.80E-07		-0.000165	0.007368	
0.50000		0.000146	0.001257	-0.000145
1.80E-07		1.38E-05	0.005814	
0.75000		0.000146	0.001257	-0.000145
1.80E-07		0.000193	0.004260	
1.00000		0.000146	0.001257	-0.000145
1.80E-07		0.000372	0.002706	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 940
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001676	-0.007093	0.002780
-7.68E-07		0.006933	-0.049905	
0.25000		-0.001676	-0.007093	0.002780
-7.68E-07		0.003497	-0.041138	
0.50000		-0.001676	-0.007093	0.002780
-7.68E-07		6.02E-05	-0.032371	
0.75000		-0.001676	-0.007093	0.002780
-7.68E-07		-0.003376	-0.023604	
1.00000		-0.001676	-0.007093	0.002780
-7.68E-07		-0.006813	-0.014837	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.006666	0.026074	-0.012957
2.53E-06		-0.032440	0.182766	
0.25000		0.006666	0.026074	-0.012957
2.53E-06		-0.016426	0.155538	
0.50000		0.006666	0.026074	-0.012957
2.53E-06		-0.000411	0.118310	
0.75000		0.006666	0.026074	-0.012957
2.53E-06		0.015604	0.086082	
1.00000		0.006666	0.026074	-0.012957
2.53E-06		0.031619	0.053854	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000617	-0.083925	0.043728
-1.30E-05		0.109900	-0.640278	
0.25000		0.000617	-0.083925	0.043728
-1.30E-05		0.055852	-0.536547	
0.50000		0.000617	-0.083925	0.043728
-1.30E-05		0.001805	-0.432815	
0.75000		0.000617	-0.083925	0.043728
-1.30E-05		-0.052243	-0.329084	
1.00000		0.000617	-0.083925	0.043728
-1.30E-05		-0.106290	-0.225353	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001065	0.118708	-0.142511
6.92E-06		-0.360684	0.908833	
0.25000		0.001065	0.118708	-0.142511
6.92E-06		-0.184539	0.762109	
0.50000		0.001065	0.118708	-0.142511
6.92E-06		-0.008395	0.615385	
0.75000		0.001065	0.118708	-0.142511
6.92E-06		0.167750	0.468661	
1.00000		0.001065	0.118708	-0.142511
6.92E-06		0.343894	0.321937	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.006818	-0.055022	0.109105
4.17E-06		0.276636	-0.410337	
0.25000		-0.006818	-0.055022	0.109105
4.17E-06		0.141781	-0.342330	
0.50000		-0.006818	-0.055022	0.109105
4.17E-06		0.006927	-0.274322	
0.75000		-0.006818	-0.055022	0.109105
4.17E-06		-0.127928	-0.206315	
1.00000		-0.006818	-0.055022	0.109105
4.17E-06		-0.262782	-0.138307	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.007877	0.146040	-0.155613
9.63E-06		-0.393469	1.100521	
0.25000		0.007877	0.146040	-0.155613
9.63E-06		-0.201130	0.920015	
0.50000		0.007877	0.146040	-0.155613
9.63E-06		-0.008792	0.739509	
0.75000		0.007877	0.146040	-0.155613
9.63E-06		0.183547	0.559003	
1.00000		0.007877	0.146040	-0.155613
9.63E-06		0.375885	0.378497	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
941

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.007877	-0.146040	0.155613
-9.63E-06		0.393469	-1.100521	
0.25000		-0.007877	-0.146040	0.155613
-9.63E-06		0.201130	-0.920015	
0.50000		-0.007877	-0.146040	0.155613
-9.63E-06		0.008792	-0.739509	
0.75000		-0.007877	-0.146040	0.155613
-9.63E-06		-0.183547	-0.559003	
1.00000		-0.007877	-0.146040	0.155613
-9.63E-06		-0.375885	-0.378497	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.007877	0.146040	0.155613
9.63E-06		0.393469	1.100521	
0.25000		0.007877	0.146040	0.155613
9.63E-06		0.201130	0.920015	
0.50000		0.007877	0.146040	0.155613
9.63E-06		0.008792	0.739509	
0.75000		0.007877	0.146040	0.155613
9.63E-06		0.183547	0.559003	
1.00000		0.007877	0.146040	0.155613
9.63E-06		0.375885	0.378497	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.007877	-0.146040	-0.155613
-1.30E-05		-0.393469	-1.100521	
0.25000		-0.007877	-0.146040	-0.155613
-1.30E-05		-0.201130	-0.920015	
0.50000		-0.007877	-0.146040	-0.155613
-1.30E-05		-0.008792	-0.739509	
0.75000		-0.007877	-0.146040	-0.155613
-1.30E-05		-0.183547	-0.559003	
1.00000		-0.007877	-0.146040	-0.155613
-1.30E-05		-0.375885	-0.378497	

ELEM 499 ========== LENGTH = 2.743418

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000116	0.001042	-0.000656
3.84E-08		-0.000863	0.002781	
0.25000		0.000116	0.001042	-0.000656
3.84E-08		-0.000413	0.002067	
0.50000		0.000116	0.001042	-0.000656
3.84E-08		3.74E-05	0.001352	
0.75000		0.000116	0.001042	-0.000656
3.84E-08		0.000487	0.000637	
1.00000		0.000116	0.001042	-0.000656
3.84E-08		0.000937	-7.74E-05	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001053	-0.006209	0.010150
5.09E-08		0.013404	-0.016056	
0.25000		-0.001053	-0.006209	0.010150
5.09E-08		0.006443	-0.011798	
0.50000		-0.001053	-0.006209	0.010150
5.09E-08		-0.000518	-0.007540	
0.75000		-0.001053	-0.006209	0.010150
5.09E-08		-0.007480	-0.003281	
1.00000		-0.001053	-0.006209	0.010150
5.09E-08		-0.014441	0.000977	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004102	0.023253	-0.046335
-5.04E-07		-0.061223	0.059445	
0.25000		0.004102	0.023253	-0.046335
-5.04E-07		-0.029444	0.043496	
0.50000		0.004102	0.023253	-0.046335
-5.04E-07		0.002336	0.027548	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
942

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		0.004102	0.023253	-0.046335
-5.04E-07		0.011115	0.011599	
1.00000		0.004102	0.023253	-0.046335
-5.04E-07		0.065894	-0.004349	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.000935	-0.093372	0.149074
-2.23E-05		0.197096	-0.243544	
0.25000		0.000935	-0.093372	0.149074
-2.23E-05		0.094853	-0.179505	
0.50000		0.000935	-0.093372	0.149074
-2.23E-05		-0.007390	-0.115466	
0.75000		0.000935	-0.093372	0.149074
-2.23E-05		-0.109633	-0.051426	
1.00000		0.000935	-0.093372	0.149074
-2.23E-05		-0.211876	0.012613	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.002299	0.152822	-0.472805
2.48E-05		-0.625650	0.380024	
0.25000		-0.002299	0.152822	-0.472805
2.48E-05		-0.301375	0.275210	
0.50000		-0.002299	0.152822	-0.472805
2.48E-05		0.022901	0.170397	
0.75000		-0.002299	0.152822	-0.472805
2.48E-05		0.347176	0.065583	
1.00000		-0.002299	0.152822	-0.472805
2.48E-05		0.671451	-0.039230	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001801	-0.077537	0.360573
-2.13E-06		0.477235	-0.182649	
0.25000		-0.001801	-0.077537	0.360573
-2.13E-06		0.229935	-0.129470	
0.50000		-0.001801	-0.077537	0.360573
-2.13E-06		-0.017365	-0.076291	
0.75000		-0.001801	-0.077537	0.360573
-2.13E-06		-0.264665	-0.023112	
1.00000		-0.001801	-0.077537	0.360573
-2.13E-06		-0.511966	0.030067	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.001919	0.177117	-0.519796
2.44E-05		-0.687736	0.442249	
0.25000		0.001919	0.177117	-0.519796
2.44E-05		0.331231	0.320773	
0.50000		0.001919	0.177117	-0.519796
2.44E-05		0.025274	0.199296	
0.75000		0.001919	0.177117	-0.519796
2.44E-05		0.381778	0.077820	
1.00000		0.001919	0.177117	-0.519796
2.44E-05		0.738283	-0.043657	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.001919	-0.177117	0.519796
-2.44E-05		0.687736	-0.442249	
0.25000		-0.001919	-0.177117	0.519796
-2.44E-05		0.331231	-0.320773	
0.50000		-0.001919	-0.177117	0.519796
-2.44E-05		-0.025274	-0.199296	
0.75000		-0.001919	-0.177117	0.519796
-2.44E-05		-0.381778	-0.077820	
1.00000		-0.001919	-0.177117	0.519796
-2.44E-05		-0.738283	0.043657	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.004102	0.177117	0.519796
2.48E-05		0.687736	0.442249	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
943

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		0.004102	0.177117	0.519796
2.48E-05		0.331231	0.320773	
0.50000		0.004102	0.177117	0.519796
2.48E-05		0.025274	0.199296	
0.75000		0.004102	0.177117	0.519796
2.48E-05		0.381778	0.077820	
1.00000		0.004102	0.177117	0.519796
2.48E-05		0.738283	0.043657	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.002299	-0.177117	-0.519796
-2.44E-05		-0.687736	-0.442249	
0.25000		-0.002299	-0.177117	-0.519796
-2.44E-05		-0.331231	-0.320773	
0.50000		-0.002299	-0.177117	-0.519796
-2.44E-05		-0.025274	-0.199296	
0.75000		-0.002299	-0.177117	-0.519796
-2.44E-05		-0.381778	-0.077820	
1.00000		-0.002299	-0.177117	-0.519796
-2.44E-05		-0.738283	-0.043657	

ELEM 500 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		8.948810	0.081591	6.158857
.000000		6.774743	0.089751	
0.25000		8.948810	0.081591	6.158857
.000000		5.081057	0.067313	
0.50000		8.948810	0.081591	6.158857
.000000		3.387371	0.044875	
0.75000		8.948810	0.081591	6.158857
.000000		1.693686	0.022438	
1.00000		8.948810	0.081591	6.158857
.000000		-5.24E-11	2.33E-10	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-22.642359	-0.110694	-8.355644
.000000		-9.191209	-0.121764	
0.25000		-22.642359	-0.110694	-8.355644
.000000		-6.893407	-0.091323	
0.50000		-22.642359	-0.110694	-8.355644
.000000		-4.595604	-0.060882	
0.75000		-22.642359	-0.110694	-8.355644
.000000		-2.297802	-0.030441	
1.00000		-22.642359	-0.110694	-8.355644
.000000		4.07E-11	-4.66E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		18.093145	-0.008758	-0.661098
.000000		-0.727208	-0.009634	
0.25000		18.093145	-0.008758	-0.661098
.000000		-0.545406	-0.007225	
0.50000		18.093145	-0.008758	-0.661098
.000000		-0.363604	-0.004817	
0.75000		18.093145	-0.008758	-0.661098
.000000		-0.181802	-0.002408	
1.00000		18.093145	-0.008758	-0.661098
.000000		-1.75E-11	9.31E-11	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.320101	-0.013014	-0.982346
.000000		-1.080581	-0.014315	
0.25000		-5.320101	-0.013014	-0.982346
.000000		-0.810436	-0.010737	
0.50000		-5.320101	-0.013014	-0.982346
.000000		-0.540291	-0.007158	
0.75000		-5.320101	-0.013014	-0.982346
.000000		-0.270145	-0.003579	
1.00000		-5.320101	-0.013014	-0.982346
.000000		8.73E-12	-4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
944

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.122466	0.062002	4.680189
.000000		5.148208	0.068203	
0.25000		1.122466	0.062002	4.680189
.000000		3.861156	0.051152	
0.50000		1.122466	0.062002	4.680189
.000000		2.574104	0.034101	
0.75000		1.122466	0.062002	4.680189
.000000		1.287052	0.017051	
1.00000		1.122466	0.062002	4.680189
.000000		-8.00E-12	5.59E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.201959	-0.011128	-0.839957
.000000		-0.922353	-0.011240	
0.25000		-0.201959	-0.011128	-0.839957
.000000		-0.692965	-0.009180	
0.50000		-0.201959	-0.011128	-0.839957
.000000		-0.461976	-0.006120	
0.75000		-0.201959	-0.011128	-0.839957
.000000		-0.230988	-0.003060	
1.00000		-0.201959	-0.011128	-0.839957
.000000		-1.82E-13	-2.33E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		28.164420	0.134836	10.177948
.000000		11.195743	0.148319	
0.25000		28.164420	0.134836	10.177948
.000000		8.396807	0.111239	
0.50000		28.164420	0.134836	10.177948
.000000		5.597871	0.074160	
0.75000		28.164420	0.134836	10.177948
.000000		2.798936	0.037080	
1.00000		28.164420	0.134836	10.177948
.000000		-1.34E-10	2.79E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-28.164420	-0.134836	-10.177948
.000000		-11.195743	-0.148319	
0.25000		-28.164420	-0.134836	-10.177948
.000000		-8.396807	-0.111239	
0.50000		-28.164420	-0.134836	-10.177948
.000000		-5.597871	-0.074160	
0.75000		-28.164420	-0.134836	-10.177948
.000000		-2.798936	-0.037080	
1.00000		-28.164420	-0.134836	-10.177948
.000000		9.90E-11	-8.38E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		28.164420	0.134836	10.177948
.000000		11.195743	0.148319	
0.25000		28.164420	0.134836	10.177948
.000000		8.396807	0.111239	
0.50000		28.164420	0.134836	10.177948
.000000		5.597871	0.074160	
0.75000		28.164420	0.134836	10.177948
.000000		2.798936	0.037080	
1.00000		28.164420	0.134836	10.177948
.000000		9.90E-11	5.59E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-28.164420	-0.134836	-10.177948
.000000		-11.195743	-0.148319	
0.25000		-28.164420	-0.134836	-10.177948
.000000		-8.396807	-0.111239	
0.50000		-28.164420	-0.134836	-10.177948
.000000		-5.597871	-0.074160	
0.75000		-28.164420	-0.134836	-10.177948
.000000		-2.798936	-0.037080	
1.00000		-28.164420	-0.134836	-10.177948
.000000		-1.34E-10	-8.38E-10	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
945

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 501 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-17.395667	-0.236496	7.542206
.000000		9.050647	-0.283796	
0.25000		-17.395667	-0.236496	7.542206
.000000		-7.787985	-0.212847	
0.50000		-17.395667	-0.236496	7.542206
.000000		4.525324	-0.141898	
0.75000		-17.395667	-0.236496	7.542206
.000000		2.262662	-0.070949	
1.00000		-17.395667	-0.236496	7.542206
.000000		1.46E-11	8.15E-11	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		48.348250	-0.135472	4.320412
.000000		18.184494	-0.162567	
0.25000		48.348250	-0.135472	4.320412
.000000		3.888371	-0.121925	
0.50000		48.348250	-0.135472	4.320412
.000000		2.592247	-0.081283	
0.75000		48.348250	-0.135472	4.320412
.000000		1.296124	-0.040642	
1.00000		48.348250	-0.135472	4.320412
.000000		9.46E-12	1.40E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-50.082924	0.805656	-25.693531
.000000		-30.832237	0.966787	
0.25000		-50.082924	0.805656	-25.693531
.000000		-23.124178	0.725091	
0.50000		-50.082924	0.805656	-25.693531
.000000		-15.416118	0.483394	
0.75000		-50.082924	0.805656	-25.693531
.000000		-7.708059	0.241697	
1.00000		-50.082924	0.805656	-25.693531
.000000		-6.40E-11	-5.59E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		26.087788	-0.146822	4.682374
.000000		5.618848	-0.176187	
0.25000		26.087788	-0.146822	4.682374
.000000		4.214136	-0.132140	
0.50000		26.087788	-0.146822	4.682374
.000000		2.809424	-0.088093	
0.75000		26.087788	-0.146822	4.682374
.000000		1.404712	-0.044047	
1.00000		26.087788	-0.146822	4.682374
.000000		1.41E-17	1.05E-10	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-8.482837	-0.349788	11.155247
.000000		13.386297	-0.419746	
0.25000		-8.482837	-0.349788	11.155247
.000000		10.039722	-0.314809	
0.50000		-8.482837	-0.349788	11.155247
.000000		6.693148	-0.209873	
0.75000		-8.482837	-0.349788	11.155247
.000000		3.346574	-0.104936	
1.00000		-8.482837	-0.349788	11.155247
.000000		1.46E-12	8.85E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.525390	0.062923	-2.006708
.000000		-2.408049	0.075508	
0.25000		1.525390	0.062923	-2.006708
.000000		-1.806037	0.056631	
0.50000		1.525390	0.062923	-2.006708
.000000		-1.204025	0.037754	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
946

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		1.525390	0.062923	-2.006708
.000000		-0.602012	0.018877	
1.00000		1.525390	0.062923	-2.006708
.000000		2.00E-12	-4.66E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-75.961428	0.219372	-6.996078
.000000		-8.395293	0.263246	
0.25000		-75.961428	0.219372	-6.996078
.000000		-6.296470	0.197435	
0.50000		-75.961428	0.219372	-6.996078
.000000		-4.197647	0.131623	
0.75000		-75.961428	0.219372	-6.996078
.000000		-2.098823	0.065812	
1.00000		-75.961428	0.219372	-6.996078
.000000		-2.33E-11	-2.79E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		75.961428	-0.219372	6.996078
.000000		8.395293	-0.263246	
0.25000		75.961428	-0.219372	6.996078
.000000		6.296470	-0.197435	
0.50000		75.961428	-0.219372	6.996078
.000000		4.197647	-0.131623	
0.75000		75.961428	-0.219372	6.996078
.000000		2.098823	-0.065812	
1.00000		75.961428	-0.219372	6.996078
.000000		1.60E-11	1.16E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		75.961428	0.805656	11.155247
.000000		13.386297	0.966787	
0.25000		75.961428	0.805656	11.155247
.000000		10.039722	0.725091	
0.50000		75.961428	0.805656	11.155247
.000000		6.693148	0.483394	
0.75000		75.961428	0.805656	11.155247
.000000		3.346574	0.241697	
1.00000		75.961428	0.805656	11.155247
.000000		1.60E-11	8.85E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-75.961428	-0.349788	-25.693531
.000000		-30.832237	-0.419746	
0.25000		-75.961428	-0.349788	-25.693531
.000000		-23.124178	-0.314809	
0.50000		-75.961428	-0.349788	-25.693531
.000000		-15.416118	-0.209873	
0.75000		-75.961428	-0.349788	-25.693531
.000000		-7.708059	-0.104936	
1.00000		-75.961428	-0.349788	-25.693531
.000000		-6.40E-11	-5.59E-10	

ELEM 502 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		16.094887	.000000	-0.415228
.000000		-0.498274	.000000	
0.25000		16.094887	.000000	-0.415228
.000000		-0.373705	.000000	
0.50000		16.094887	.000000	-0.415228
.000000		-0.249137	.000000	
0.75000		16.094887	.000000	-0.415228
.000000		-0.124568	.000000	
1.00000		16.094887	.000000	-0.415228
.000000		2.73E-13	.000000	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
947

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-52.925255	.000000	2.101739
.000000		2.522087	-2.33E-10	
0.25000		-52.925255	.000000	2.101739
.000000		1.891565	-2.33E-10	
0.50000		-52.925255	.000000	2.101739
.000000		1.261044	-2.33E-10	
0.75000		-52.925255	.000000	2.101739
.000000		0.630522	-2.33E-10	
1.00000		-52.925255	.000000	2.101739
.000000		1.77E-17	-2.33E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		74.675820	4.66E-10	-3.544541
.000000		-4.253449	2.33E-10	
0.25000		74.675820	4.66E-10	-3.544541
.000000		-3.190087	9.31E-11	
0.50000		74.675820	4.66E-10	-3.544541
.000000		-2.126725	-4.66E-11	
0.75000		74.675820	4.66E-10	-3.544541
.000000		-1.063362	-1.86E-10	
1.00000		74.675820	4.66E-10	-3.544541
.000000		7.28E-13	-3.26E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-59.603769	2.33E-10	2.165318
.000000		2.598381	.000000	
0.25000		-59.603769	2.33E-10	2.165318
.000000		1.948786	-6.98E-11	
0.50000		-59.603769	2.33E-10	2.165318
.000000		1.299191	-1.40E-10	
0.75000		-59.603769	2.33E-10	2.165318
.000000		0.649595	-2.10E-10	
1.00000		-59.603769	2.33E-10	2.165318
.000000		1.09E-12	-2.79E-10	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		26.526746	.000000	-0.393991
.000000		-0.472789	.000000	
0.25000		26.526746	.000000	-0.393991
.000000		-0.354592	.000000	
0.50000		26.526746	.000000	-0.393991
.000000		-0.236395	.000000	
0.75000		26.526746	.000000	-0.393991
.000000		-0.118197	.000000	
1.00000		26.526746	.000000	-0.393991
.000000		5.46E-13	.000000	

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-4.768429	.000000	.000000	0.086703	
.000000			0.104044	.000000	.000000		
0.25000			-4.768429	.000000	.000000	0.086703	
.000000			0.078033	.000000	.000000		
0.50000			-4.768429	.000000	.000000	0.086703	
.000000			0.052022	.000000	.000000		
0.75000			-4.768429	.000000	.000000	0.086703	
.000000			0.026011	.000000	.000000		
1.00000			-4.768429	.000000	.000000	0.086703	
.000000			4.09E-13	.000000			

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		117.297453		-2.91E-11		-4.353760	
.000000		-5.224512		.000000			
0.25000		117.297453		-2.91E-11		-4.353760	
.000000		-3.918384		8.73E-12			
0.50000		117.297453		-2.91E-11		-4.353760	
.000000		-2.612256		1.75E-11			
0.75000		117.297453		-2.91E-11		-4.353760	
.000000		-1.306128		2.62E-11			
1.00000		117.297453		-2.91E-11		-4.353760	
.000000		1.45E-12		3.49E-11			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 948

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		-117.297453		.000000		4.353760	
.000000		5.224512		1.46E-11			
0.25000		-117.297453		.000000		4.353760	
.000000		3.918384		1.46E-11			
0.50000		-117.297453		.000000		4.353760	
.000000		2.612256		1.46E-11			
0.75000		-117.297453		.000000		4.353760	
.000000		1.306128		1.46E-11			
1.00000		-117.297453		.000000		4.353760	
.000000		-2.00E-12		1.46E-11			

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000		117.297453		4.66E-10		4.353760	
.000000		5.224512		2.33E-10			
0.25000		117.297453		4.66E-10		4.353760	
.000000		3.918384		9.31E-11			
0.50000		117.297453		4.66E-10		4.353760	
.000000		2.612256		1.75E-11			
0.75000		117.297453		4.66E-10		4.353760	
.000000		1.306128		2.62E-11			
1.00000		117.297453		4.66E-10		4.353760	
.000000		1.45E-12		3.49E-11			

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000		-117.297453		-2.91E-11		-4.353760	
.000000		-5.224512		-2.33E-10			
0.25000		-117.297453		-2.91E-11		-4.353760	
.000000		-3.918384		-2.33E-10			
0.50000		-117.297453		-2.91E-11		-4.353760	
.000000		-2.612256		-2.33E-10			
0.75000		-117.297453		-2.91E-11		-4.353760	
.000000		-1.306128		-2.33E-10			
1.00000		-117.297453		-2.91E-11		-4.353760	
.000000		-2.00E-12		-3.26E-10			

ELEM 503 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-4.852114	5.327356		0.201563	
.000000		0.241876		6.392827			
0.25000			-4.852114	5.327356		0.201563	
.000000		0.181407		4.794620			
0.50000			-4.852114	5.327356		0.201563	
.000000		0.120938		3.196414			
0.75000			-4.852114	5.327356		0.201563	
.000000		0.060469		1.598207			
1.00000			-4.852114	5.327356		0.201563	
.000000		-4.55E-14		2.40E-11			

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			26.639936	-0.417369		-0.301275	
.000000		-0.361531		-0.500843			
0.25000			26.639936	-0.417369		-0.301275	
.000000		-0.271148		-0.375632			
0.50000			26.639936	-0.417369		-0.301275	
.000000		-0.180765		-0.250422			
0.75000			26.639936	-0.417369		-0.301275	
.000000		-0.090383		-0.125211			
1.00000			26.639936	-0.417369		-0.301275	
.000000		-2.73E-13		-1.75E-11			

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-59.608942	-2.190978		2.184103	
.000000		2.620923		-2.629173			
0.25000			-59.608942	-2.190978		2.184103	
.000000		1.965692		-1.971880			
0.50000			-59.608942	-2.190978		2.184103	
.000000		1.310462		-1.314587			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 949

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.75000			-59.608942	-2.190978		2.184103	
.000000		0.655331		-0.657293			
1.00000			-59.608942	-2.190978		2.184103	
.000000		5.09E-12		-1.37E-17			

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		74.531089		-0.188087		-3.976044	
.000000		-4.771253		-0.225704			
0.25000		74.531089		-0.188087		-3.976044	
.000000		-3.578440		-0.169278			
0.50000		74.531089		-0.188087		-3.976044	
.000000		-2.385626		-0.112852			
0.75000		74.531089		-0.188087		-3.976044	
.000000		-1.192813		-0.056426			
1.00000		74.531089		-0.188087		-3.976044	
.000000		1.45E-12		-4.00E-12			

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-52.872495	3.575230		2.184290	
.000000		2.621148		4.290276			
0.25000			-52.872495	3.575230		2.184290	
.000000		1.965861		3.217707			
0.50000			-52.872495	3.575230		2.184290	
.000000		1.310574		2.145138			
0.75000			-52.872495	3.575230		2.184290	
.000000		0.655287		1.072569			
1.00000			-52.872495	3.575230		2.184290	
.000000		-1.31E-11		-1.16E-11			

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			16.162526	-6.106152		-0.292636	
.000000		-0.351163		-7.327383			
0.25000			16.162526	-6.106152		-0.292636	
.000000		-0.263373		-5.495537			
0.50000			16.162526	-6.106152		-0.292636	
.000000		-0.175582		-3.663691			
0.75000			16.162526	-6.106152		-0.292636	
.000000		-0.087791		-1.831846			
1.00000			16.162526	-6.106152		-0.292636	
.000000		4.55E-13		-1.73E-16			

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		-117.333551		6.711608		4.569956	
.000000		5.483947		8.053930			
0.25000		-117.333551		6.711608		4.569956	
.000000		4.112960		6.040448			
0.50000		-117.333551		6.711608		4.569956	
.000000		2.741973		4.026965			
0.75000		-117.333551		6.711608		4.569956	
.000000		1.370987		2.013483			
1.00000		-117.333551		6.711608		4.569956	
.000000		-3.82E-12		1.46E-16			

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		117.333551		-6.711608		-4.569956	
.000000		-5.483947		-8.053930			
0.25000		117.333551		-6.711608		-4.569956	
.000000		-4.112960		-6.040448			
0.50000		117.333551		-6.711608		-4.569956	
.000000		-2.741973		-4.026965			
0.75000		117.333551		-6.711608		-4.569956	
.000000		-1.370987		-2.013483			
1.00000		117.333551		-6.711608		-4.569956	
.000000		3.46E-12		-1.46E-11			

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000		117.333551		6.711608		4.569956	
.000000		5.483947		8.053930			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 950

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.25000			117.333551	6.711608		4.569956	
.000000		4.112960		6.040448			
0.50000			117.333551	6.711608		4.569956	
.000000		2.741973		4.026965			
0.75000			117.333551	6.711608		4.569956	
.000000		1.370987		2.013483			
1.00000			117.333551	6.711608		4.569956	
.000000		5.09E-12		2.40E-11			

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000		-117.333551		-6.711608		-4.569956	
.000000		-5.483947		-8.053930			
0.25000		-117.333551		-6.711608		-4.569956	
.000000		-4.112960		-6.040448			
0.50000		-117.333551		-6.711608		-4.569956	
.000000		-2.741973		-4.026965			
0.75000		-117.333551		-6.711608		-4.569956	
.000000		-1.370987		-2.013483			
1.00000		-117.333551		-6.711608		-4.569956	
.000000		-1.31E-11		-1.75E-11			

ELEM 504 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			1.396125	-2.58E-05		0.000495	
.000000		0.000594		-3.09E-05			
0.25000			1.396125	-2.58E-05		0.000495	
.000000		0.000446		-2.32E-05			
0.50000			1.396125	-2.58E-05		0.000495	
.000000		0.000297		-1.55E-05			
0.75000			1.396125	-2.58E-05		0.000495	
.000000		0.000149		-7.73E-06			
1.00000			1.396125	-2.58E-05		0.000495	
.000000		1.09E-12		2.91E-11			

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-7.371597	-0.005031		0.096671	
.000000		0.116005		-0.006037			
0.25000			-7.371597	-0.005031		0.096671	
.000000		0.087004		-0.004528			
0.50000			-7.371597	-0.005031		0.096671	
.000000		0.058003		-0.003018			
0.75000			-7.371597	-0.005031		0.096671	
.000000		0.029001		-0.001509			
1.00000			-7.371597	-0.005031		0.096671	
.000000		-1.46E-12		-4.66E-11			

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			26.447762	0.018477		-0.355052	
.000000		-0.426062		0.022172			
0.25000			26.447762	0.018477		-0.355052	
.000000		-0.319547		0.016629			
0.50000			26.447762	0.018477		-0.355052	
.000000		-0.213031		0.011086			
0.75000			26.447762	0.018477		-0.355052	
.000000		-0.106516		0.005543			
1.00000			26.447762	0.018477		-0.355052	
.000000		3.20E-11		3.26E-10			

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-52.791363	-0.111468		2.141948	
.000000		2.570337		-0.133761			
0.25000			-52.791363	-0.111468		2.141948	
.000000		1.927753		-0.100321			
0.50000			-52.791363	-0.111468		2.141948	
.000000		1.285169		-0.066881			
0.75000			-52.791363	-0.111468		2.141948	
.000000		0.642584		-0.033440			
1.00000			-52.791363	-0.111468		2.141948	
.000000		2.18E-11		3.73E-10			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 951

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			49.306397	0.170338		-3.273192	
.000000		-3.927830		0.204405			
0.25000			49.306397	0.170338		-3.273192	
.000000		-2.945873		0.153304			
0.50000			49.306397	0.170338		-3.273192	
.000000		-1.963915		0.102203			
0.75000			49.306397	0.170338		-3.273192	
.000000		-0.981958		0.051101			
1.00000			49.306397	0.170338		-3.273192	
.000000		-1.16E-11		-6.05E-10			

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-16.987323	-0.072291		1.389130	
.000000		1.666956		-0.086749			
0.25000			-16.987323	-0.072291		1.389130	
.000000		1.250217		-0.065062			
0.50000			-16.987323	-0.072291		1.389130	
.000000		0.833478		-0.043374			
0.75000			-16.987323	-0.072291		1.389130	
.000000		0.416739		-0.021687			
1.00000			-16.987323	-0.072291		1.389130	
.000000		-1.46E-12		-9.31E-11			

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			77.150284	0.188789		-3.627748	
.000000		-4.353298		0.226547			
0.25000			77.150284	0.188789		-3.627748	
.000000		-3.264974		0.169910			
0.50000			77.150284	0.188789		-3.627748	
.000000		-2.176649		0.113273			
0.75000			77.150284	0.188789		-3.627748	
.000000		-1.088325		0.056637			
1.00000			77.150284	0.188789		-3.627748	
.000000		-2.91E-12		-2.33E-11			

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-77.150284	-0.188789		3.627748	
.000000		4.353298		-0.226547			
0.25000			-77.150284	-0.188789		3.627748	
.000000		3.264974		-0.169910			
0.50000			-77.150284	-0.188789		3.627748	
.000000		2.176649		-0.113273			
0.75000			-77.150284	-0.188789		3.627748	
.000000		1.088325		-0.056637			
1.00000			-77.150284	-0.188789		3.627748	
.000000		-7.28E-12		1.86E-10			

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000			77.150284	0.188789		3.627748	
.000000		4.353298		0.226547			
0.25000			77.150284	0.188789		3.627748	
.000000		3.264974		0.169910			
0.50000			77.150284	0.188789		3.627748	
.000000		2.176649		0.113273			
0.75000			77.150284	0.188789		3.627748	
.000000		1.088325		0.056637			
1.00000			77.150284	0.188789		3.627748	
.000000		3.20E-11		3.73E-10			

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-77.150284	-0.188789		-3.627748	
.000000		-4.353298		-0.226547			
0.25000			-77.150284	-0.188789		-3.627748	
.000000		-3.264974		-0.169910			
0.50000			-77.150284	-0.188789		-3.627748	
.000000		-2.176649		-0.113273			
0.75000			-77.150284	-0.188789		-3.627748	
.000000		-1.088325		-0.056637			
1.00000			-77.150284	-0.188789		-3.627748	
.000000		-1.16E-11		6.85E-10			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 952

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 505 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-0.295020	-0.006582		0.331030	
.000000		0.364133		-0.007240			
0.25000			-0.295020	-0.006582		0.331030	
.000000		0.273099		-0.005430			
0.50000			-0.295020	-0.006582		0.331030	
.000000		0.182066		-0.003620			
0.75000			-0.295020	-0.006582		0.331030	
.000000		0.091033		-0.001810			
1.00000			-0.295020	-0.006582		0.331030	
.000000		-1.00E-12		8.73E-12			

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			1.597395	0.034100		-1.715151	
.000000		1.866666		0.037511			
0.25000			1.597395	0.034100		-1.715151	
.000000		1.399999		0.028133			
0.50000			1.597395	0.034100		-1.715151	
.000000		0.933333		0.018755			
0.75000			1.597395	0.034100		-1.715151	
.000000		0.471666		0.009378			
1.00000			1.597395	0.034100		-1.715151	
.000000		1.09E-12		4.66E-11			

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-5.781206	-0.121369		6.104510	
.000000		6.714961		-0.133506			
0.25000			-5.781206	-0.121369		6.104510	
.000000		5.036221		-0.100130			
0.50000			-5.781206	-0.121369		6.104510	
.000000		3.357480		-0.066753			
0.75000			-5.781206	-0.121369		6.104510	
.000000		1.678740		-0.033377			
1.00000			-5.781206	-0.121369		6.104510	
.000000		4.37E-12		2.33E-10			

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			17.614803	-0.098956		4.977176	
.000000		5.474894		-0.108851			
0.25000			17.614803	-0.098956		4.977176	
.000000		4.106170		-0.081639			
0.50000			17.614803	-0.098956		4.977176	
.000000		2.737447		-0.054426			
0.75000			17.614803	-0.098956		4.977176	
.000000		1.368723		-0.027213			
1.00000			17.614803	-0.098956		4.977176	
.000000		-3.86E-11		5.67E-18			

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-21.721478	0.427703		-21.512150	
.000000		-23.663365		0.470473			
0.25000			-21.721478	0.427703		-21.512150	
.000000		-17.747524		0.352855			
0.50000			-21.721478	0.427703		-21.512150	
.000000		-11.831683		0.235237			
0.75000			-21.721478	0.427703		-21.512150	
.000000		-5.915841		0.117618			
1.00000			-21.721478	0.427703		-21.512150	
.000000		-7.25E-13		-2.79E-10			

LOAD -P6 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			8.585506	-0.234897		11.814585	
-3.41E-12		12.996044		-0.258386			
0.25000			8.585506	-0.234897		11.814585	
-3.41E-12		9.747033		-0.193790			
0.50000			8.585506	-0.234897		11.814585	
-3.41E-12		6.498022		-0.129193			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 953

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	T	P	M2	V2	M3	V3
0.75000			8.585506	-0.234897		11.814585	
-3.41E-12		3.249011		-0.064597			
1.00000			8.585506	-0.234897		11.814585	
-3.41E-12		-1.16E-11		-3.73E-10			

LOAD -2N+1- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000		-27.797704		0.299752		-15.076611	
.000000		-16.584272		0.329727			
0.25000		-27.797704		0.299752		-15.076611	
.000000		-12.438204		0.247295			
0.50000		-27.797704		0.299752		-15.076611	
.000000		-8.292136		0.164864			
0.75000		-27.797704		0.299752		-15.076611	
.000000		-4.146068		0.082432			
1.00000		-27.797704		0.299752		-15.076611	
.000000		3.49E-11		5.59E-10			

LOAD -2N+2- ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			27.797704	-0.299752		15.076611	
-1.82E-12		16.584272		-0.329727			
0.25000			27.797704	-0.299752		15.076611	
-1.82E-12		12.438204		-0.247295			
0.50000			27.797704	-0.299752		15.076611	
-1.82E-12		8.292136		-0.164864			
0.75000			27.797704	-0.299752		15.076611	
-1.82E-12		4.146068		-0.082432			
1.00000			27.797704	-0.299752		15.076611	
-1.82E-12		-6.40E-11		-4.66E-11			

COMB SETTLE ---------- MAX

REL	DIST	T	P	M2	V2	M3	V3
0.00000			27.797704	0.427703		15.076611	
.000000		16.584272		0.470473			
0.25000			27.797704	0.427703		15.076611	
.000000		12.438204		0.352855			
0.50000			27.797704	0.427703		15.076611	
.000000		8.292136		0.235237			
0.75000			27.797704	0.427703		15.076611	
.000000		4.146068		0.117618			
1.00000			27.797704	0.427703		15.076611	
.000000		3.49E-11		5.59E-10			

COMB SETTLE ---------- MIN

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-27.797704	-0.299752		-21.512150	
-3.41E-12		-23.663365		-0.329727			
0.25000			-27.797704	-0.299752		-21.512150	
-3.41E-12		-17.747524		-0.247295			
0.50000			-27.797704	-0.299752		-21.512150	
-3.41E-12		-11.831683		-0.164864			
0.75000			-27.797704	-0.299752		-21.512150	
-3.41E-12		-5.915841		-0.082432			
1.00000			-27.797704	-0.299752		-21.512150	
-3.41E-12		-6.40E-11		-3.73E-10			

ELEM 506 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			11.767356	-0.254066		-4.915157	
.000000		-5.406572		-0.279472			
0.25000			11.767356	-0.254066		-4.915157	
.000000		-4.055004		-0.209604			
0.50000			11.767356	-0.254066		-4.915157	
.000000		-2.703336		-0.139736			
0.75000			11.767356	-0.254066		-4.915157	
.000000		-1.351668		-0.069868			
1.00000			11.767356	-0.254066		-4.915157	
.000000		-6.19E-12		-1.40E-10			

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 954

< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-25.477409	0.347097		6.714939	
.000000		7.386433		0.381807			
0.25000			-25.477409	0.347097		6.714939	
.000000		5.539824		0.286355			
0.50000			-25.477409	0.347097		6.714939	
.000000		3.693216		0.190903			
0.75000			-25.477409	0.347097		6.714939	
.000000		1.846608		0.095452			
1.00000			-25.477409	0.347097		6.714939	
.000000		1.32E-11		4.66E-10			

LOAD -P3 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			16.958200	0.060539		1.171196	
.000000		1.288316		0.066593			
0.25000			16.958200	0.060539		1.171196	
.000000		0.966237		0.049895			
0.50000			16.958200	0.060539		1.171196	
.000000		0.644158		0.033297			
0.75000			16.958200	0.060539		1.171196	
.000000		0.322079		0.016648			
1.00000			16.958200	0.060539		1.171196	
.000000		4.37E-11		4.66E-10			

LOAD -P4 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			-5.239092	0.046202		0.893816	
.000000		0.983197		0.050822			
0.25000			-5.239092	0.046202		0.893816	
.000000		0.737398		0.038116			
0.50000			-5.239092	0.046202		0.893816	
.000000		0.491599		0.025411			
0.75000			-5.239092	0.046202		0.893816	
.000000		0.245799		0.012705			
1.00000			-5.239092	0.046202		0.893816	
.000000		-1.12E-14		5.82E-12			

LOAD -P5 ----------

REL	DIST	T	P	M2	V2	M3	V3
0.00000			2.426857	-0.243543		-4.711590	
.000000		-5.182749		-0.267898			
0.25000			2.426857	-0.243543		-4.711590	
.000000		-3.887062		-0.200923			
0.50000			2.426857	-0.243543		-4.711590	
.000000		-2.591374		-0.133949			
0.75000			2.426857	-0.243543		-4.711590	
.000000		-1.295687		-0.066974			
1.00000			2.426857	-0.243543		-4.711590	
.000000		-1.75E-11		3.73E-10			

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.435912	0.043771	0.846796
.000000		0.931475	0.048148	
0.25000		-0.435912	0.043771	0.846796
.000000		0.698607	0.036111	
0.50000		-0.435912	0.043771	0.846796
.000000		0.465738	0.024074	
0.75000		-0.435912	0.043771	0.846796
.000000		0.232869	0.012037	
1.00000		-0.435912	0.043771	0.846796
.000000		5.09E-12	2.33E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		31.152413	-0.437070	-8.455550
.000000		-9.301105	-0.480777	
0.25000		31.152413	-0.437070	-8.455550
.000000		-6.975829	-0.360582	
0.50000		31.152413	-0.437070	-8.455550
.000000		-4.650553	-0.240388	
0.75000		31.152413	-0.437070	-8.455550
.000000		-2.325276	-0.120194	
1.00000		31.152413	-0.437070	-8.455550
.000000		-2.91E-12	-4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
955

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-31.152413	0.437070	8.455550
.000000		9.301105	0.480777	
0.25000		-31.152413	0.437070	8.455550
.000000		6.975829	0.360582	
0.50000		-31.152413	0.437070	8.455550
.000000		4.650553	0.240388	
0.75000		-31.152413	0.437070	8.455550
.000000		2.325276	0.120194	
1.00000		-31.152413	0.437070	8.455550
.000000		-1.64E-11	-5.12E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		31.152413	0.437070	8.455550
.000000		9.301105	0.480777	
0.25000		31.152413	0.437070	8.455550
.000000		6.975829	0.360582	
0.50000		31.152413	0.437070	8.455550
.000000		4.650553	0.240388	
0.75000		31.152413	0.437070	8.455550
.000000		2.325276	0.120194	
1.00000		31.152413	0.437070	8.455550
.000000		4.37E-11	4.66E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-31.152413	-0.437070	-8.455550
.000000		-9.301105	-0.480777	
0.25000		-31.152413	-0.437070	-8.455550
.000000		-6.975829	-0.360582	
0.50000		-31.152413	-0.437070	-8.455550
.000000		-4.650553	-0.240388	
0.75000		-31.152413	-0.437070	-8.455550
.000000		-2.325276	-0.120194	
1.00000		-31.152413	-0.437070	-8.455550
.000000		-1.75E-11	-5.12E-10	

ELEM 507 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-21.547471	-0.232425	-8.935558
.000000		-10.722670	-0.278910	
0.25000		-21.547471	-0.232425	-8.935558
.000000		-8.042002	-0.209183	
0.50000		-21.547471	-0.232425	-8.935558
.000000		-5.361335	-0.139455	
0.75000		-21.547471	-0.232425	-8.935558
.000000		-2.680667	-0.069728	
1.00000		-21.547471	-0.232425	-8.935558
.000000		-8.73E-12	-1.40E-10	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		64.604402	-0.027703	-1.065057
.000000		-1.278068	-0.033244	
0.25000		64.604402	-0.027703	-1.065057
.000000		-0.958551	-0.024933	
0.50000		64.604402	-0.027703	-1.065057
.000000		-0.639034	-0.016622	
0.75000		64.604402	-0.027703	-1.065057
.000000		-0.319517	-0.008311	
1.00000		64.604402	-0.027703	-1.065057
.000000		-4.27E-12	-4.66E-11	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.436300	0.607723	23.363826
.000000		28.036591	0.729267	
0.25000		-68.436300	0.607723	23.363826
.000000		21.027444	0.546951	
0.50000		-68.436300	0.607723	23.363826
.000000		14.018296	0.364634	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
956

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-68.436300	0.607723	23.363826
.000000		7.009148	0.182317	
1.00000		-68.436300	0.607723	23.363826
.000000		2.80E-11	5.59E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		29.256232	-0.111330	-4.280071
.000000		-5.136085	-0.133596	
0.25000		29.256232	-0.111330	-4.280071
.000000		-3.852064	-0.100197	
0.50000		29.256232	-0.111330	-4.280071
.000000		-2.568043	-0.066798	
0.75000		29.256232	-0.111330	-4.280071
.000000		-1.284021	-0.033399	
1.00000		29.256232	-0.111330	-4.280071
.000000		-3.14E-12	-5.82E-11	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.725787	-0.287857	-11.066637
.000000		-13.279965	-0.345429	
0.25000		-4.725787	-0.287857	-11.066637
.000000		-9.959973	-0.259072	
0.50000		-4.725787	-0.287857	-11.066637
.000000		-6.639982	-0.172714	
0.75000		-4.725787	-0.287857	-11.066637
.000000		-3.319991	-0.086357	
1.00000		-4.725787	-0.287857	-11.066637
.000000		-5.82E-12	2.79E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.848923	0.051593	1.983497
.000000		2.380196	0.061912	
0.25000		0.848923	0.051593	1.983497
.000000		1.785147	0.046434	
0.50000		0.848923	0.051593	1.983497
.000000		1.190098	0.030956	
0.75000		0.848923	0.051593	1.983497
.000000		0.595049	0.015478	
1.00000		0.848923	0.051593	1.983497
.000000		-3.64E-12	2.33E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-94.709557	0.087440	3.361631
.000000		4.033957	0.104928	
0.25000		-94.709557	0.087440	3.361631
.000000		3.025468	0.078696	
0.50000		-94.709557	0.087440	3.361631
.000000		2.016979	0.052464	
0.75000		-94.709557	0.087440	3.361631
.000000		1.008489	0.026232	
1.00000		-94.709557	0.087440	3.361631
.000000		1.22E-11	2.33E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		94.709557	-0.087440	-3.361631
.000000		-4.033957	-0.104928	
0.25000		94.709557	-0.087440	-3.361631
.000000		-3.025468	-0.078696	
0.50000		94.709557	-0.087440	-3.361631
.000000		-2.016979	-0.052464	
0.75000		94.709557	-0.087440	-3.361631
.000000		-1.008489	-0.026232	
1.00000		94.709557	-0.087440	-3.361631
.000000		-1.77E-11	1.63E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		94.709557	0.607723	23.363826
.000000		28.036591	0.729267	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
957

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		94.709557	0.607723	23.363826
.000000		21.027444	0.546951	
0.50000		94.709557	0.607723	23.363826
.000000		14.018296	0.364634	
0.75000		94.709557	0.607723	23.363826
.000000		7.009148	0.182317	
1.00000		94.709557	0.607723	23.363826
.000000		2.80E-11	5.59E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-94.709557	-0.287857	-11.066637
.000000		-13.279965	-0.345429	
0.25000		-94.709557	-0.287857	-11.066637
.000000		-9.959973	-0.259072	
0.50000		-94.709557	-0.287857	-11.066637
.000000		-6.639982	-0.172714	
0.75000		-94.709557	-0.287857	-11.066637
.000000		-3.319991	-0.086357	
1.00000		-94.709557	-0.287857	-11.066637
.000000		-1.77E-11	-1.40E-10	

ELEM 508 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		17.105725	.000000	0.469873
.000000		0.563848	.000000	
0.25000		17.105725	.000000	0.469873
.000000		0.422886	.000000	
0.50000		17.105725	.000000	0.469873
.000000		0.281924	.000000	
0.75000		17.105725	.000000	0.469873
.000000		0.140962	.000000	
1.00000		17.105725	.000000	0.469873
.000000		4.55E-13	.000000	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-61.249932	.000000	-3.765971
.000000		-4.519166	.000000	
0.25000		-61.249932	.000000	-3.765971
.000000		-3.389374	.000000	
0.50000		-61.249932	.000000	-3.765971
.000000		-2.259583	.000000	
0.75000		-61.249932	.000000	-3.765971
.000000		-1.129791	.000000	
1.00000		-61.249932	.000000	-3.765971
.000000		-7.64E-12	.000000	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		89.258766	-4.66E-10	6.927244
.000000		8.312693	-2.33E-10	
0.25000		89.258766	-4.66E-10	6.927244
.000000		6.234520	-9.31E-11	
0.50000		89.258766	-4.66E-10	6.927244
.000000		4.156346	4.66E-11	
0.75000		89.258766	-4.66E-10	6.927244
.000000		2.078173	1.86E-10	
1.00000		89.258766	-4.66E-10	6.927244
.000000		-4.59E-14	3.26E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.072514	2.33E-10	-4.008167
.000000		-4.809800	2.33E-10	
0.25000		-68.072514	2.33E-10	-4.008167
.000000		-3.607350	1.63E-10	
0.50000		-68.072514	2.33E-10	-4.008167
.000000		-2.404900	9.31E-11	
0.75000		-68.072514	2.33E-10	-4.008167
.000000		-1.202450	2.33E-11	
1.00000		-68.072514	2.33E-10	-4.008167
.000000		4.00E-12	-4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
958

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		27.982703	.000000	0.442619
.000000		0.531143	.000000	
0.25000		27.982703	.000000	0.442619
.000000		0.398357	.000000	
0.50000		27.982703	.000000	0.442619
.000000		0.265571	.000000	
0.75000		27.982703	.000000	0.442619
.000000		0.132786	.000000	
1.00000		27.982703	.000000	0.442619
.000000		-2.09E-12	.000000	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.024748	-1.16E-10	-0.065598
.000000		-0.027818	-1.16E-10	
0.25000		-5.024748	-1.16E-10	-0.065598
.000000		-0.059038	3.49E-11	
0.50000		-5.024748	-1.16E-10	-0.065598
.000000		-0.039359	6.98E-11	
0.75000		-5.024748	-1.16E-10	-0.065598
.000000		-0.019679	1.05E-10	
1.00000		-5.024748	-1.16E-10	-0.065598
.000000		1.14E-13	1.40E-10	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		134.347194	.000000	7.839736
.000000		9.407683	.000000	
0.25000		134.347194	.000000	7.839736
.000000		7.055763	.000000	
0.50000		134.347194	.000000	7.839736
.000000		4.703842	.000000	
0.75000		134.347194	.000000	7.839736
.000000		2.351921	.000000	
1.00000		134.347194	.000000	7.839736
.000000		-5.46E-13	.000000	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-134.347194	2.91E-11	-7.839736
.000000		-9.407683	.000000	
0.25000		-134.347194	2.91E-11	-7.839736
.000000		-7.055763	-8.73E-12	
0.50000		-134.347194	2.91E-11	-7.839736
.000000		-4.703842	-1.75E-11	
0.75000		-134.347194	2.91E-11	-7.839736
.000000		-2.351921	-2.62E-11	
1.00000		-134.347194	2.91E-11	-7.839736
.000000		-4.55E-13	-3.49E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		134.347194	2.33E-10	7.839736
.000000		9.407683	2.33E-10	
0.25000		134.347194	2.33E-10	7.839736
.000000		7.055763	1.63E-10	
0.50000		134.347194	2.33E-10	7.839736
.000000		4.703842	9.31E-11	
0.75000		134.347194	2.33E-10	7.839736
.000000		2.351921	1.86E-10	
1.00000		134.347194	2.33E-10	7.839736
.000000		4.00E-12	3.26E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-134.347194	-4.66E-10	-7.839736
.000000		-9.407683	-2.33E-10	
0.25000		-134.347194	-4.66E-10	-7.839736
.000000		-7.055763	-9.31E-11	
0.50000		-134.347194	-4.66E-10	-7.839736
.000000		-4.703842	-1.75E-11	
0.75000		-134.347194	-4.66E-10	-7.839736
.000000		-2.351921	-2.62E-11	
1.00000		-134.347194	-4.66E-10	-7.839736
.000000		-7.64E-12	-4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
959

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 509 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.024354	-0.410148	0.030864
.000000		0.037037	-0.492177	
0.25000		-5.024354	-0.410148	0.030864
.000000		0.027778	-0.369133	
0.50000		-5.024354	-0.410148	0.030864
.000000		0.018519	-0.246089	
0.75000		-5.024354	-0.410148	0.030864
.000000		0.009259	-0.123044	
1.00000		-5.024354	-0.410148	0.030864
.000000		-1.14E-13	2.91E-12	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		27.969165	0.135823	0.288212
.000000		0.345854	0.165988	
0.25000		27.969165	0.135823	0.288212
.000000		0.259391	0.122241	
0.50000		27.969165	0.135823	0.288212
.000000		0.172927	0.081494	
0.75000		27.969165	0.135823	0.288212
.000000		0.086464	0.040747	
1.00000		27.969165	0.135823	0.288212
.000000		-2.73E-13	-4.66E-11	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.065929	1.055384	-3.839034
.000000		-4.606841	1.266460	
0.25000		-68.065929	1.055384	-3.839034
.000000		-3.455131	0.949845	
0.50000		-68.065929	1.055384	-3.839034
.000000		-2.303420	0.633230	
0.75000		-68.065929	1.055384	-3.839034
.000000		-1.151710	0.316615	
1.00000		-68.065929	1.055384	-3.839034
.000000		1.20E-11	1.86E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		89.246901	-0.065868	7.034814
.000000		8.441777	-0.079041	
0.25000		89.246901	-0.065868	7.034814
.000000		6.331333	-0.059281	
0.50000		89.246901	-0.065868	7.034814
.000000		4.220888	-0.039521	
0.75000		89.246901	-0.065868	7.034814
.000000		2.110444	-0.019760	
1.00000		89.246901	-0.065868	7.034814
.000000		-1.70E-13	-6.91E-12	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-61.290030	-1.242777	-3.868404
.000000		-4.642084	-1.491333	
0.25000		-61.290030	-1.242777	-3.868404
.000000		-3.481563	-1.118500	
0.50000		-61.290030	-1.242777	-3.868404
.000000		-2.321042	-0.745666	
0.75000		-61.290030	-1.242777	-3.868404
.000000		-1.160521	-0.372833	
1.00000		-61.290030	-1.242777	-3.868404
.000000		-3.64E-12	-6.98E-11	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		17.164247	0.527585	0.353548
.000000		0.424257	0.633103	
0.25000		17.164247	0.527585	0.353548
.000000		0.318193	0.474827	
0.50000		17.164247	0.527585	0.353548
.000000		0.212129	0.316551	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
960

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		17.164247	0.527585	0.353548
.000000		0.106064	0.158276	
1.00000		17.164247	0.527585	0.353548
.000000		1.55E-12	8.73E-12	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-134.380313	-0.597541	-7.676573
.000000		-9.211888	-0.717049	
0.25000		-134.380313	-0.597541	-7.676573
.000000		-6.908916	-0.537787	
0.50000		-134.380313	-0.597541	-7.676573
.000000		-4.605944	-0.358525	
0.75000		-134.380313	-0.597541	-7.676573
.000000		-2.302972	-0.179262	
1.00000		-134.380313	-0.597541	-7.676573
.000000		-1.82E-13	-1.75E-11	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		134.380313	0.597541	7.676573
.000000		9.211888	0.717049	
0.25000		134.380313	0.597541	7.676573
.000000		6.908916	0.537787	
0.50000		134.380313	0.597541	7.676573
.000000		4.605944	0.358525	
0.75000		134.380313	0.597541	7.676573
.000000		2.302972	0.179262	
1.00000		134.380313	0.597541	7.676573
.000000		-2.73E-13	-2.33E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		134.380313	1.055384	7.676573
.000000		9.211888	1.266460	
0.25000		134.380313	1.055384	7.676573
.000000		6.908916	0.949845	
0.50000		134.380313	1.055384	7.676573
.000000		4.605944	0.633230	
0.75000		134.380313	1.055384	7.676573
.000000		2.302972	0.316615	
1.00000		134.380313	1.055384	7.676573
.000000		1.20E-11	1.86E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-134.380313	-1.242777	-7.676573
.000000		-9.211888	-1.491333	
0.25000		-134.380313	-1.242777	-7.676573
.000000		-6.908916	-1.118500	
0.50000		-134.380313	-1.242777	-7.676573
.000000		-4.605944	-0.745666	
0.75000		-134.380313	-1.242777	-7.676573
.000000		-2.302972	-0.372833	
1.00000		-134.380313	-1.242777	-7.676573
.000000		-3.64E-12	-6.98E-11	

ELEM 510 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.385939	0.002135	-0.041019
.000000		0.049223	0.002562	
0.25000		1.385939	0.002135	-0.041019
.000000		-0.036917	0.001921	
0.50000		1.385939	0.002135	-0.041019
.000000		-0.024612	0.001281	
0.75000		1.385939	0.002135	-0.041019
.000000		-0.012306	0.000640	
1.00000		1.385939	0.002135	-0.041019
.000000		-5.46E-13	-2.33E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
961

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.663454	0.000448	-0.008606
.000000		-0.010327	0.000537	
0.25000		-7.663454	0.000448	-0.008606
.000000		-0.007746	0.000403	
0.50000		-7.663454	0.000448	-0.008606
.000000		-0.005164	0.000269	
0.75000		-7.663454	0.000448	-0.008606
.000000		-0.002582	0.000134	
1.00000		-7.663454	0.000448	-0.008606
.000000		-1.02E-11	7.21E-21	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		27.989738	-0.023018	0.442306
.000000		0.530767	-0.027621	
0.25000		27.989738	-0.023018	0.442306
.000000		0.398075	-0.020716	
0.50000		27.989738	-0.023018	0.442306
.000000		0.265384	-0.013811	
0.75000		27.989738	-0.023018	0.442306
.000000		0.132692	-0.006905	
1.00000		27.989738	-0.023018	0.442306
.000000		8.12E-18	-7.12E-19	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-61.121150	0.206942	-3.976567
.000000		-4.771680	0.248330	
0.25000		-61.121150	0.206942	-3.976567
.000000		-3.578910	0.186247	
0.50000		-61.121150	0.206942	-3.976567
.000000		-2.385940	0.124165	
0.75000		-61.121150	0.206942	-3.976567
.000000		-1.192970	0.062082	
1.00000		-61.121150	0.206942	-3.976567
.000000		-2.91E-12	1.86E-10	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		62.520578	-0.340555	6.544075
.000000		7.852891	-0.408666	
0.25000		62.520578	-0.340555	6.544075
.000000		5.889668	-0.306500	
0.50000		62.520578	-0.340555	6.544075
.000000		3.926445	-0.204333	
0.75000		62.520578	-0.340555	6.544075
.000000		1.963223	-0.102167	
1.00000		62.520578	-0.340555	6.544075
.000000		-2.91E-12	-4.66E-11	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-23.111651	0.154049	-2.960189
.000000		-3.552227	0.184859	
0.25000		-23.111651	0.154049	-2.960189
.000000		-2.664170	0.138644	
0.50000		-23.111651	0.154049	-2.960189
.000000		-1.776114	0.092429	
0.75000		-23.111651	0.154049	-2.960189
.000000		-0.888057	0.046215	
1.00000		-23.111651	0.154049	-2.960189
.000000		-1.46E-12	-9.31E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		91.896255	-0.361438	6.945362
.000000		8.334435	-0.433726	
0.25000		91.896255	-0.361438	6.945362
.000000		6.250826	-0.325295	
0.50000		91.896255	-0.361438	6.945362
.000000		4.167217	-0.216863	
0.75000		91.896255	-0.361438	6.945362
.000000		2.083609	-0.108432	
1.00000		91.896255	-0.361438	6.945362
.000000		1.36E-16	-4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 962
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-91.896255	0.361438	-6.945362
.000000		-8.334435	0.433726	
0.25000		-91.896255	0.361438	-6.945362
.000000		-6.250826	0.325295	
0.50000		-91.896255	0.361438	-6.945362
.000000		-4.167217	0.216863	
0.75000		-91.896255	0.361438	-6.945362
.000000		-2.083609	0.108432	
1.00000		-91.896255	0.361438	-6.945362
.000000		2.91E-12	9.31E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		91.896255	0.361438	6.945362
.000000		8.334435	0.433726	
0.25000		91.896255	0.361438	6.945362
.000000		6.250826	0.325295	
0.50000		91.896255	0.361438	6.945362
.000000		4.167217	0.216863	
0.75000		91.896255	0.361438	6.945362
.000000		2.083609	0.108432	
1.00000		91.896255	0.361438	6.945362
.000000		2.91E-12	1.86E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-91.896255	-0.361438	-6.945362
.000000		-8.334435	-0.433726	
0.25000		-91.896255	-0.361438	-6.945362
.000000		-6.250826	-0.325295	
0.50000		-91.896255	-0.361438	-6.945362
.000000		-4.167217	-0.216863	
0.75000		-91.896255	-0.361438	-6.945362
.000000		-2.083609	-0.108432	
1.00000		-91.896255	-0.361438	-6.945362
.000000		-1.02E-11	-9.31E-11	

ELEM 511 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.176096	0.024595	-0.316184
.000000		-0.347802	0.027055	
0.25000		-0.176096	0.024595	-0.316184
.000000		-0.260852	0.020291	
0.50000		-0.176096	0.024595	-0.316184
.000000		-0.173901	0.013528	
0.75000		-0.176096	0.024595	-0.316184
.000000		-0.086951	0.006764	
1.00000		-0.176096	0.024595	-0.316184
.000000		2.00E-12	1.16E-11	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.005189	-0.130815	1.681679
.000000		1.849847	-0.143897	
0.25000		1.005189	-0.130815	1.681679
.000000		1.387385	-0.107923	
0.50000		1.005189	-0.130815	1.681679
.000000		0.924923	-0.071948	
0.75000		1.005189	-0.130815	1.681679
.000000		0.462462	-0.035974	
1.00000		1.005189	-0.130815	1.681679
.000000		-1.60E-11	-1.75E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-3.707591	0.473135	-6.082325
.000000		-6.690558	0.520449	
0.25000		-3.707591	0.473135	-6.082325
.000000		-5.017918	0.390337	
0.50000		-3.707591	0.473135	-6.082325
.000000		-3.345279	0.260224	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 963
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-3.707591	0.473135	-6.082325
.000000		-1.672639	0.130112	
1.00000		-3.707591	0.473135	-6.082325
.000000		-1.16E-11	4.66E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		18.270873	0.363688	-4.675337
.000000		-5.142871	0.400057	
0.25000		18.270873	0.363688	-4.675337
.000000		-3.857153	0.300042	
0.50000		18.270873	0.363688	-4.675337
.000000		-2.571436	0.200028	
0.75000		18.270873	0.363688	-4.675337
.000000		-1.285718	0.100014	
1.00000		18.270873	0.363688	-4.675337
.000000		1.20E-11	1.75E-10	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-28.389789	-1.542197	19.825489
1.14E-13		21.808037	-1.696416	
0.25000		-28.389789	-1.542197	19.825489
1.14E-13		16.356028	-1.272312	
0.50000		-28.389789	-1.542197	19.825489
1.14E-13		10.904019	-0.848208	
0.75000		-28.389789	-1.542197	19.825489
1.14E-13		5.452009	-0.424104	
1.00000		-28.389789	-1.542197	19.825489
1.14E-13		-1.75E-11	-6.52E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		12.997414	0.811593	-10.433321
1.76E-12		-11.476653	0.892753	
0.25000		12.997414	0.811593	-10.433321
1.76E-12		-8.607490	0.669564	
0.50000		12.997414	0.811593	-10.433321
1.76E-12		-5.738327	0.446376	
0.75000		12.997414	0.811593	-10.433321
1.76E-12		-2.869163	0.223188	
1.00000		12.997414	0.811593	-10.433321
1.76E-12		-4.82E-16	6.98E-10	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-32.273476	-1.044466	13.426979
.000000		14.769677	-1.148912	
0.25000		-32.273476	-1.044466	13.426979
.000000		11.077258	-0.861684	
0.50000		-32.273476	-1.044466	13.426979
.000000		7.384839	-0.574456	
0.75000		-32.273476	-1.044466	13.426979
.000000		3.692419	-0.287228	
1.00000		-32.273476	-1.044466	13.426979
.000000		-4.66E-11	-7.92E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		32.273476	1.044466	-13.426979
1.93E-12		-14.769677	1.148912	
0.25000		32.273476	1.044466	-13.426979
1.93E-12		-11.077258	0.861684	
0.50000		32.273476	1.044466	-13.426979
1.93E-12		-7.384839	0.574456	
0.75000		32.273476	1.044466	-13.426979
1.93E-12		-3.692419	0.287228	
1.00000		32.273476	1.044466	-13.426979
1.93E-12		-5.82E-12	3.26E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		32.273476	1.044466	19.825489
1.93E-12		21.808037	1.148912	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 964
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		32.273476	1.044466	19.825489
1.93E-12		16.356028	0.861684	
0.50000		32.273476	1.044466	19.825489
1.93E-12		10.904019	0.574456	
0.75000		32.273476	1.044466	19.825489
1.93E-12		5.452009	0.287228	
1.00000		32.273476	1.044466	19.825489
1.93E-12		1.20E-11	6.98E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-32.273476	-1.542197	-13.426979
.000000		-14.769677	-1.696416	
0.25000		-32.273476	-1.542197	-13.426979
.000000		-11.077258	-1.272312	
0.50000		-32.273476	-1.542197	-13.426979
.000000		-7.384839	-0.848208	
0.75000		-32.273476	-1.542197	-13.426979
.000000		-3.692419	-0.424104	
1.00000		-32.273476	-1.542197	-13.426979
.000000		-4.66E-11	-7.92E-10	

ELEM 512 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		10.030044	4.66E-10	-4.37E-11
.000000		-4.64E-11	4.66E-10	
0.25000		10.030044	4.66E-10	-4.37E-11
.000000		-3.44E-11	3.38E-10	
0.50000		10.030044	4.66E-10	-4.37E-11
.000000		-2.24E-11	2.10E-10	
0.75000		10.030044	4.66E-10	-4.37E-11
.000000		-1.04E-11	8.15E-11	
1.00000		10.030044	4.66E-10	-4.37E-11
.000000		1.64E-12	-4.66E-11	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-21.772707	4.66E-10	8.73E-11
.000000		8.55E-11	.000000	
0.25000		-21.772707	4.66E-10	8.73E-11
.000000		6.15E-11	-1.28E-10	
0.50000		-21.772707	4.66E-10	8.73E-11
.000000		3.75E-11	-2.56E-10	
0.75000		-21.772707	4.66E-10	8.73E-11
.000000		1.35E-11	-3.84E-10	
1.00000		-21.772707	4.66E-10	8.73E-11
.000000		-1.06E-11	-5.12E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		15.624266	4.66E-10	-2.91E-11
.000000		-5.82E-11	4.66E-10	
0.25000		15.624266	4.66E-10	-2.91E-11
.000000		-5.02E-11	3.38E-10	
0.50000		15.624266	4.66E-10	-2.91E-11
.000000		-4.22E-11	2.10E-10	
0.75000		15.624266	4.66E-10	-2.91E-11
.000000		-3.42E-11	8.15E-11	
1.00000		15.624266	4.66E-10	-2.91E-11
.000000		-2.62E-11	-4.66E-11	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-4.321398	2.91E-11	3.64E-12
.000000		5.46E-12	.000000	
0.25000		-4.321398	2.91E-11	3.64E-12
.000000		4.46E-12	-8.00E-12	
0.50000		-4.321398	2.91E-11	3.64E-12
.000000		3.46E-12	-1.60E-11	
0.75000		-4.321398	2.91E-11	3.64E-12
.000000		2.46E-12	-2.40E-11	
1.00000		-4.321398	2.91E-11	3.64E-12
.000000		1.46E-12	-3.20E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 965
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		0.536320	-4.66E-10	-2.91E-11
.000000		1.46E-11	-2.33E-10	
0.25000		0.536320	-4.66E-10	-2.91E-11
.000000		2.26E-11	-1.05E-10	
0.50000		0.536320	-4.66E-10	-2.91E-11
.000000		3.06E-11	2.33E-11	
0.75000		0.536320	-4.66E-10	-2.91E-11
.000000		3.86E-11	1.51E-10	
1.00000		0.536320	-4.66E-10	-2.91E-11
.000000		4.66E-11	2.79E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.096525	1.16E-10	.000000
.000000		-3.64E-12	.000000	
0.25000		-0.096525	1.16E-10	.000000
.000000		-3.64E-12	-3.20E-11	
0.50000		-0.096525	1.16E-10	.000000
.000000		-3.64E-12	-6.40E-11	
0.75000		-0.096525	1.16E-10	.000000
.000000		-3.64E-12	-9.60E-11	
1.00000		-0.096525	1.16E-10	.000000
.000000		-3.64E-12	-1.28E-10	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		26.190630	4.66E-10	-5.82E-11
.000000		-8.36E-11	4.66E-10	
0.25000		26.190630	4.66E-10	-5.82E-11
.000000		-6.76E-11	3.38E-10	
0.50000		26.190630	4.66E-10	-5.82E-11
.000000		-5.15E-11	2.10E-10	
0.75000		26.190630	4.66E-10	-5.82E-11
.000000		-3.55E-11	8.15E-11	
1.00000		26.190630	4.66E-10	-5.82E-11
.000000		-1.95E-11	-4.66E-11	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-26.190630	.000000	5.82E-11
.000000		8.36E-11	-4.66E-10	
0.25000		-26.190630	.000000	5.82E-11
.000000		6.76E-11	-4.66E-10	
0.50000		-26.190630	.000000	5.82E-11
.000000		5.15E-11	-4.66E-10	
0.75000		-26.190630	.000000	5.82E-11
.000000		3.55E-11	-4.66E-10	
1.00000		-26.190630	.000000	5.82E-11
.000000		1.95E-11	-4.66E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		26.190630	4.66E-10	8.73E-11
.000000		8.55E-11	4.66E-10	
0.25000		26.190630	4.66E-10	8.73E-11
.000000		6.76E-11	3.38E-10	
0.50000		26.190630	4.66E-10	8.73E-11
.000000		5.15E-11	2.10E-10	
0.75000		26.190630	4.66E-10	8.73E-11
.000000		3.86E-11	1.51E-10	
1.00000		26.190630	4.66E-10	8.73E-11
.000000		4.66E-11	2.79E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-26.190630	-4.66E-10	-5.82E-11
.000000		-8.36E-11	-4.66E-10	
0.25000		-26.190630	-4.66E-10	-5.82E-11
.000000		-6.76E-11	-4.66E-10	
0.50000		-26.190630	-4.66E-10	-5.82E-11
.000000		-5.15E-11	-4.66E-10	
0.75000		-26.190630	-4.66E-10	-5.82E-11
.000000		-3.55E-11	-4.66E-10	
1.00000		-26.190630	-4.66E-10	-5.82E-11
.000000		-2.62E-11	-5.12E-10	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 966
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 513 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-30.949337	.000000	-7.28E-12
.000000		-2.55E-11	.000000	
0.25000		-30.949337	.000000	-7.28E-12
.000000		-2.33E-11	.000000	
0.50000		-30.949337	.000000	-7.28E-12
.000000		-2.11E-11	.000000	
0.75000		-30.949337	.000000	-7.28E-12
.000000		-1.89E-11	.000000	
1.00000		-30.949337	.000000	-7.28E-12
.000000		-1.67E-11	.000000	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		75.468257	.000000	7.28E-12
.000000		-3.27E-11	.000000	
0.25000		75.468257	.000000	7.28E-12
.000000		-3.49E-11	.000000	
0.50000		75.468257	.000000	7.28E-12
.000000		-3.71E-11	.000000	
0.75000		75.468257	.000000	7.28E-12
.000000		-3.93E-11	.000000	
1.00000		75.468257	.000000	7.28E-12
.000000		-4.15E-11	.000000	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-64.193127	.000000	.000000
.000000		1.13E-10	.000000	
0.25000		-64.193127	.000000	.000000
.000000		1.13E-10	.000000	
0.50000		-64.193127	.000000	.000000
.000000		1.13E-10	.000000	
0.75000		-64.193127	.000000	.000000
.000000		1.13E-10	.000000	
1.00000		-64.193127	.000000	.000000
.000000		1.13E-10	.000000	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		27.426373	-1.16E-10	-3.64E-12
.000000		-1.64E-11	-5.82E-11	
0.25000		27.426373	-1.16E-10	-3.64E-12
.000000		-1.42E-11	-2.33E-11	
0.50000		27.426373	-1.16E-10	-3.64E-12
.000000		-1.42E-11	1.16E-11	
0.75000		27.426373	-1.16E-10	-3.64E-12
.000000		-1.31E-11	4.66E-11	
1.00000		27.426373	-1.16E-10	-3.64E-12
.000000		-1.20E-11	8.15E-11	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-9.450891	.000000	-4.37E-11
.000000		-8.37E-11	.000000	
0.25000		-9.450891	.000000	-4.37E-11
.000000		-7.16E-11	.000000	
0.50000		-9.450891	.000000	-4.37E-11
.000000		-5.75E-11	.000000	
0.75000		-9.450891	.000000	-4.37E-11
.000000		-4.44E-11	.000000	
1.00000		-9.450891	.000000	-4.37E-11
.000000		-3.13E-11	.000000	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.698725	-5.82E-11	7.28E-12
.000000		1.50E-11	-5.82E-11	
0.25000		1.698725	-5.82E-11	7.28E-12
.000000		1.28E-11	-4.07E-11	
0.50000		1.698725	-5.82E-11	7.28E-12
.000000		1.06E-11	-2.33E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 967
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		1.698725	-5.82E-11	7.28E-12
.000000		8.46E-12	-5.82E-12	
1.00000		1.698725	-5.82E-11	7.28E-12
.000000		6.28E-12	1.16E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-104.593355	-2.33E-10	1.46E-11
.000000		4.37E-11	.000000	
0.25000		-104.593355	-2.33E-10	1.46E-11
.000000		3.93E-11	6.98E-11	
0.50000		-104.593355	-2.33E-10	1.46E-11
.000000		3.49E-11	1.40E-10	
0.75000		-104.593355	-2.33E-10	1.46E-11
.000000		3.06E-11	2.10E-10	
1.00000		-104.593355	-2.33E-10	1.46E-11
.000000		2.62E-11	2.79E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		104.593355	-2.33E-10	-2.91E-11
.000000		5.82E-11	-2.33E-10	
0.25000		104.593355	-2.33E-10	-2.91E-11
.000000		-4.95E-11	-1.63E-10	
0.50000		104.593355	-2.33E-10	-2.91E-11
.000000		-4.07E-11	-9.31E-11	
0.75000		104.593355	-2.33E-10	-2.91E-11
.000000		-3.20E-11	-2.33E-11	
1.00000		104.593355	-2.33E-10	-2.91E-11
.000000		-2.33E-11	4.66E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		104.593355	.000000	1.46E-11
.000000		1.13E-10	.000000	
0.25000		104.593355	.000000	1.46E-11
.000000		1.13E-10	6.98E-11	
0.50000		104.593355	.000000	1.46E-11
.000000		1.13E-10	1.40E-10	
0.75000		104.593355	.000000	1.46E-11
.000000		1.13E-10	2.10E-10	
1.00000		104.593355	.000000	1.46E-11
.000000		1.13E-10	2.79E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-104.593355	-2.33E-10	-4.37E-11
.000000		-8.37E-11	-2.33E-10	
0.25000		-104.593355	-2.33E-10	-4.37E-11
.000000		-7.06E-11	-1.63E-10	
0.50000		-104.593355	-2.33E-10	-4.37E-11
.000000		-5.75E-11	-9.31E-11	
0.75000		-104.593355	-2.33E-10	-4.37E-11
.000000		-4.44E-11	-2.33E-11	
1.00000		-104.593355	-2.33E-10	-4.37E-11
.000000		-4.15E-11	.000000	

ELEM 514 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		17.474998	1.16E-10	-1.46E-11
.000000		-1.86E-11	8.73E-11	
0.25000		17.474998	1.16E-10	-1.46E-11
.000000		-1.43E-11	5.24E-11	
0.50000		17.474998	1.16E-10	-1.46E-11
.000000		-9.91E-12	1.75E-11	
0.75000		17.474998	1.16E-10	-1.46E-11
.000000		-5.55E-12	-1.75E-11	
1.00000		17.474998	1.16E-10	-1.46E-11
.000000		-1.18E-12	-5.24E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page 968
< UNEQUAL SETTLEMENT >

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.537164	.000000	-6.18E-11
.000000		1.73E-11	.000000	
0.25000		-68.537164	.000000	-6.18E-11
.000000		3.58E-11	.000000	
0.50000		-68.537164	.000000	-6.18E-11
.000000		5.44E-11	.000000	
0.75000		-68.537164	.000000	-6.18E-11
.000000		7.29E-11	.000000	
1.00000		-68.537164	.000000	-6.18E-11
.000000		9.15E-11	.000000	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		103.382606	-4.66E-10	2.55E-11
.000000		-1.82E-12	.000000	
0.25000		103.382606	-4.66E-10	2.55E-11
.000000		-9.46E-12	1.40E-10	
0.50000		103.382606	-4.66E-10	2.55E-11
.000000		-1.71E-11	2.79E-10	
0.75000		103.382606	-4.66E-10	2.55E-11
.000000		-2.47E-11	4.19E-10	
1.00000		103.382606	-4.66E-10	2.55E-11
.000000		-3.24E-11	5.59E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-75.459189	.000000	-5.09E-11
.000000		-8.73E-11	.000000	
0.25000		-75.459189	.000000	-5.09E-11
.000000		-7.20E-11	.000000	
0.50000		-75.459189	.000000	-5.09E-11
.000000		-5.68E-11	.000000	
0.75000		-75.459189	.000000	-5.09E-11
.000000		-4.15E-11	.000000	
1.00000		-75.459189	.000000	-5.09E-11
.000000		-2.62E-11	.000000	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		28.215434	4.66E-10	-1.09E-11
.000000		3.09E-11	.000000	
0.25000		28.215434	4.66E-10	-1.09E-11
.000000		3.42E-11	-1.40E-10	
0.50000		28.215434	4.66E-10	-1.09E-11
.000000		3.75E-11	-2.79E-10	
0.75000		28.215434	4.66E-10	-1.09E-11
.000000		4.07E-11	-4.19E-10	
1.00000		28.215434	4.66E-10	-1.09E-11
.000000		4.40E-11	-5.59E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.076685	-1.16E-10	5.23E-12
.000000		-3.75E-12	-5.82E-11	
0.25000		-5.076685	-1.16E-10	5.23E-12
.000000		-5.32E-12	-2.33E-11	
0.50000		-5.076685	-1.16E-10	5.23E-12
.000000		-6.89E-12	1.16E-11	
0.75000		-5.076685	-1.16E-10	5.23E-12
.000000		-8.46E-12	4.66E-11	
1.00000		-5.076685	-1.16E-10	5.23E-12
.000000		-1.00E-11	8.15E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		149.073038	.000000	7.28E-12
.000000		1.46E-11	-2.18E-11	
0.25000		149.073038	.000000	7.28E-12
.000000		1.24E-11	-2.18E-11	
0.50000		149.073038	.000000	7.28E-12
.000000		1.02E-11	-2.18E-11	
0.75000		149.073038	.000000	7.28E-12
.000000		8.00E-12	-2.18E-11	
1.00000		149.073038	.000000	7.28E-12
.000000		5.82E-12	-2.18E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
969

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-149.073038	-2.91E-11	3.64E-12
.000000		-3.64E-12	-2.18E-11	
0.25000		-149.073038	-2.91E-11	3.64E-12
.000000		-4.73E-12	-1.31E-11	
0.50000		-149.073038	-2.91E-11	3.64E-12
.000000		-5.82E-12	-4.37E-12	
0.75000		-149.073038	-2.91E-11	3.64E-12
.000000		-6.91E-12	4.37E-12	
1.00000		-149.073038	-2.91E-11	3.64E-12
.000000		-8.00E-12	1.31E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		149.073038	4.66E-10	2.55E-11
.000000		3.09E-11	8.73E-11	
0.25000		149.073038	4.66E-10	2.55E-11
.000000		3.58E-11	1.40E-10	
0.50000		149.073038	4.66E-10	2.55E-11
.000000		5.44E-11	2.79E-10	
0.75000		149.073038	4.66E-10	2.55E-11
.000000		7.29E-11	4.19E-10	
1.00000		149.073038	4.66E-10	2.55E-11
.000000		9.15E-11	5.59E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-149.073038	-4.66E-10	-6.18E-11
.000000		-8.73E-11	-5.82E-11	
0.25000		-149.073038	-4.66E-10	-6.18E-11
.000000		-7.20E-11	-1.40E-10	
0.50000		-149.073038	-4.66E-10	-6.18E-11
.000000		-5.68E-11	-2.79E-10	
0.75000		-149.073038	-4.66E-10	-6.18E-11
.000000		-4.15E-11	-4.19E-10	
1.00000		-149.073038	-4.66E-10	-6.18E-11
.000000		-3.24E-11	-5.59E-10	

ELEM 515 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.004123	-4.295936	-0.111743
.000000		-0.134091	-5.155123	
0.25000		-5.004123	-4.295936	-0.111743
.000000		-0.100568	-3.866342	
0.50000		-5.004123	-4.295936	-0.111743
.000000		-0.067046	-2.577561	
0.75000		-5.004123	-4.295936	-0.111743
.000000		-0.033523	-1.288781	
1.00000		-5.004123	-4.295936	-0.111743
.000000		-1.82E-13	-1.46E-12	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		28.161293	0.309617	0.008054
.000000		0.009664	0.371540	
0.25000		28.161293	0.309617	0.008054
.000000		0.007248	0.278655	
0.50000		28.161293	0.309617	0.008054
.000000		0.004832	0.185770	
0.75000		28.161293	0.309617	0.008054
.000000		0.002416	0.092885	
1.00000		28.161293	0.309617	0.008054
.000000		-3.09E-12	-7.57E-11	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-75.460603	-0.676792	-0.017604
.000000		-0.021125	-0.812150	
0.25000		-75.460603	-0.676792	-0.017604
.000000		-0.015844	-0.609112	
0.50000		-75.460603	-0.676792	-0.017604
.000000		-0.010563	-0.406075	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
970

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		-75.460603	-0.676792	-0.017604
.000000		-0.005281	-0.203037	
1.00000		-75.460603	-0.676792	-0.017604
.000000		2.18E-12	1.63E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		103.484312	0.118713	0.003088
.000000		0.003705	0.142456	
0.25000		103.484312	0.118713	0.003088
.000000		0.002779	0.106842	
0.50000		103.484312	0.118713	0.003088
.000000		0.001853	0.071228	
0.75000		103.484312	0.118713	0.003088
.000000		0.000926	0.035614	
1.00000		103.484312	0.118713	0.003088
.000000		3.64E-13	-2.18E-12	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.552301	-0.228555	-0.005945
.000000		-0.007134	-0.274266	
0.25000		-68.552301	-0.228555	-0.005945
.000000		-0.005351	-0.205700	
0.50000		-68.552301	-0.228555	-0.005945
.000000		-0.003567	-0.137133	
0.75000		-68.552301	-0.228555	-0.005945
.000000		-0.001784	-0.068567	
1.00000		-68.552301	-0.228555	-0.005945
.000000		-2.55E-12	-2.56E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		17.371422	4.772952	0.124151
.000000		0.148981	5.727543	
0.25000		17.371422	4.772952	0.124151
.000000		0.111735	4.295657	
0.50000		17.371422	4.772952	0.124151
.000000		0.074490	2.863771	
0.75000		17.371422	4.772952	0.124151
.000000		0.037245	1.431886	
1.00000		17.371422	4.772952	0.124151
.000000		1.55E-12	3.78E-11	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-149.017026	-5.201282	-0.135292
.000000		-0.162350	-6.241539	
0.25000		-149.017026	-5.201282	-0.135292
.000000		-0.121763	-4.681154	
0.50000		-149.017026	-5.201282	-0.135292
.000000		-0.081175	-3.120769	
0.75000		-149.017026	-5.201282	-0.135292
.000000		-0.040588	-1.560385	
1.00000		-149.017026	-5.201282	-0.135292
.000000		-1.46E-12	2.91E-12	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		149.017027	5.201282	0.135292
.000000		0.162350	6.241539	
0.25000		149.017027	5.201282	0.135292
.000000		0.121763	4.681154	
0.50000		149.017027	5.201282	0.135292
.000000		0.081175	3.120769	
0.75000		149.017027	5.201282	0.135292
.000000		0.040588	1.560385	
1.00000		149.017027	5.201282	0.135292
.000000		7.28E-13	-2.91E-11	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		149.017027	5.201282	0.135292
.000000		0.162350	6.241539	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
971

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.25000		149.017027	5.201282	0.135292
.000000		0.121763	4.681154	
0.50000		149.017027	5.201282	0.135292
.000000		0.081175	3.120769	
0.75000		149.017027	5.201282	0.135292
.000000		0.040588	1.560385	
1.00000		149.017027	5.201282	0.135292
.000000		2.18E-12	1.63E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-149.017026	-5.201282	-0.135292
.000000		-0.162350	-6.241539	
0.25000		-149.017026	-5.201282	-0.135292
.000000		-0.121763	-4.681154	
0.50000		-149.017026	-5.201282	-0.135292
.000000		-0.081175	-3.120769	
0.75000		-149.017026	-5.201282	-0.135292
.000000		-0.040588	-1.560385	
1.00000		-149.017026	-5.201282	-0.135292
.000000		-3.09E-12	-2.56E-10	

ELEM 516 ========== LENGTH = 1.200000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.303579	.000000	5.46E-12
.000000		7.28E-12	.000000	
0.25000		1.303579	.000000	5.46E-12
.000000		5.64E-12	.000000	
0.50000		1.303579	.000000	5.46E-12
.000000		4.00E-12	.000000	
0.75000		1.303579	.000000	5.46E-12
.000000		2.36E-12	.000000	
1.00000		1.303579	.000000	5.46E-12
.000000		7.28E-13	.000000	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-7.624463	-1.16E-10	-2.18E-11
.000000		-3.64E-11	.000000	
0.25000		-7.624463	-1.16E-10	-2.18E-11
.000000		-2.98E-11	3.49E-11	
0.50000		-7.624463	-1.16E-10	-2.18E-11
.000000		-2.33E-11	6.98E-11	
0.75000		-7.624463	-1.16E-10	-2.18E-11
.000000		-1.67E-11	1.05E-10	
1.00000		-7.624463	-1.16E-10	-2.18E-11
.000000		-1.02E-11	1.40E-10	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		28.287385	9.31E-10	1.46E-10
.000000		1.75E-10	4.66E-10	
0.25000		28.287385	9.31E-10	1.46E-10
.000000		1.31E-10	1.86E-10	
0.50000		28.287385	9.31E-10	1.46E-10
.000000		8.73E-11	-9.31E-11	
0.75000		28.287385	9.31E-10	1.46E-10
.000000		4.37E-11	-3.73E-10	
1.00000		28.287385	9.31E-10	1.46E-10
.000000		6.46E-27	-6.52E-10	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-68.802313	-2.33E-10	-6.55E-11
.000000		-8.73E-11	.000000	
0.25000		-68.802313	-2.33E-10	-6.55E-11
.000000		-6.77E-11	6.98E-11	
0.50000		-68.802313	-2.33E-10	-6.55E-11
.000000		-4.80E-11	1.40E-10	
0.75000		-68.802313	-2.33E-10	-6.55E-11
.000000		-2.84E-11	2.10E-10	
1.00000		-68.802313	-2.33E-10	-6.55E-11
.000000		-8.73E-12	2.79E-10	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
972

F R A M E E L E M E N T I N T E R N A L F O R C E S

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		76.662768	-4.66E-10	-5.82E-11
.000000		-8.73E-11	-2.33E-10	
0.25000		76.662768	-4.66E-10	-5.82E-11
.000000		-6.98E-11	-9.31E-11	
0.50000		76.662768	-4.66E-10	-5.82E-11
.000000		-5.24E-11	4.66E-11	
0.75000		76.662768	-4.66E-10	-5.82E-11
.000000		-3.49E-11	1.86E-10	
1.00000		76.662768	-4.66E-10	-5.82E-11
.000000		-1.75E-11	3.26E-10	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-29.826955	.000000	-7.28E-12
.000000		2.18E-11	.000000	
0.25000		-29.826955	.000000	-7.28E-12
.000000		2.40E-11	.000000	
0.50000		-29.826955	.000000	-7.28E-12
.000000		2.62E-11	.000000	
0.75000		-29.826955	.000000	-7.28E-12
.000000		2.84E-11	.000000	
1.00000		-29.826955	.000000	-7.28E-12
.000000		3.06E-11	.000000	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		106.253731	2.33E-10	3.27E-11
.000000		5.46E-11	1.16E-10	
0.25000		106.253731	2.33E-10	3.27E-11
.000000		4.47E-11	4.66E-11	
0.50000		106.253731	2.33E-10	3.27E-11
.000000		3.49E-11	-2.33E-11	
0.75000		106.253731	2.33E-10	3.27E-11
.000000		2.51E-11	-9.31E-11	
1.00000		106.253731	2.33E-10	3.27E-11
.000000		1.53E-11	-1.63E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-106.253731	2.33E-10	-1.82E-11
.000000		-4.73E-11	.000000	
0.25000		-106.253731	2.33E-10	-1.82E-11
.000000		-4.18E-11	-6.98E-11	
0.50000		-106.253731	2.33E-10	-1.82E-11
.000000		-3.64E-11	-1.40E-10	
0.75000		-106.253731	2.33E-10	-1.82E-11
.000000		-3.09E-11	-2.10E-10	
1.00000		-106.253731	2.33E-10	-1.82E-11
.000000		-2.55E-11	-2.79E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		106.253731	9.31E-10	1.46E-10
.000000		1.75E-10	4.66E-10	
0.25000		106.253731	9.31E-10	1.46E-10
.000000		1.31E-10	1.86E-10	
0.50000		106.253731	9.31E-10	1.46E-10
.000000		8.73E-11	1.40E-10	
0.75000		106.253731	9.31E-10	1.46E-10
.000000		4.37E-11	2.10E-10	
1.00000		106.253731	9.31E-10	1.46E-10
.000000		3.06E-11	3.26E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-106.253731	-4.66E-10	-6.55E-11
.000000		-8.73E-11	-2.33E-10	
0.25000		-106.253731	-4.66E-10	-6.55E-11
.000000		-6.98E-11	-9.31E-11	
0.50000		-106.253731	-4.66E-10	-6.55E-11
.000000		-5.24E-11	-1.40E-10	
0.75000		-106.253731	-4.66E-10	-6.55E-11
.000000		-3.49E-11	-3.73E-10	
1.00000		-106.253731	-4.66E-10	-6.55E-11
.000000		-1.75E-11	-6.52E-10	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
973

F R A M E E L E M E N T I N T E R N A L F O R C E S

ELEM 517 ========== LENGTH = 1.100000

LOAD -P1 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-0.263281	.000000	-5.46E-12
-1.11E-16		-2.73E-12	.000000	
0.25000		-0.263281	.000000	-5.46E-12
-1.11E-16		-1.23E-12	.000000	
0.50000		-0.263281	.000000	-5.46E-12
-1.11E-16		2.73E-13	.000000	
0.75000		-0.263281	.000000	-5.46E-12
-1.11E-16		1.77E-12	.000000	
1.00000		-0.263281	.000000	-5.46E-12
-1.11E-16		3.27E-12	.000000	

LOAD -P2 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		1.470455	1.16E-10	2.91E-11
.000000		1.82E-11	5.82E-11	
0.25000		1.470455	1.16E-10	2.91E-11
.000000		1.02E-11	2.62E-11	
0.50000		1.470455	1.16E-10	2.91E-11
.000000		2.18E-12	-5.82E-12	
0.75000		1.470455	1.16E-10	2.91E-11
.000000		-5.82E-12	-3.78E-11	
1.00000		1.470455	1.16E-10	2.91E-11
.000000		-1.38E-11	-6.98E-11	

LOAD -P3 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-5.381065	.000000	-8.73E-11
.000000		-4.37E-11	.000000	
0.25000		-5.381065	.000000	-8.73E-11
.000000		-1.96E-11	.000000	
0.50000		-5.381065	.000000	-8.73E-11
.000000		4.37E-12	.000000	
0.75000		-5.381065	.000000	-8.73E-11
.000000		2.84E-11	.000000	
1.00000		-5.381065	.000000	-8.73E-11
.000000		5.24E-11	.000000	

LOAD -P4 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		14.812518	-1.16E-10	-4.55E-12
-7.11E-15		-1.09E-11	.000000	
0.25000		14.812518	-1.16E-10	-4.55E-12
-7.11E-15		-9.66E-12	3.20E-11	
0.50000		14.812518	-1.16E-10	-4.55E-12
-7.11E-15		-8.41E-12	6.40E-11	
0.75000		14.812518	-1.16E-10	-4.55E-12
-7.11E-15		-7.16E-12	9.60E-11	
1.00000		14.812518	-1.16E-10	-4.55E-12
-7.11E-15		-5.91E-12	1.28E-10	

LOAD -P5 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-19.814662	.000000	3.49E-10
5.68E-14		2.33E-10	.000000	
0.25000		-19.814662	.000000	3.49E-10
5.68E-14		1.37E-10	.000000	
0.50000		-19.814662	.000000	3.49E-10
5.68E-14		4.07E-11	.000000	
0.75000		-19.814662	.000000	3.49E-10
5.68E-14		-5.53E-11	.000000	
1.00000		-19.814662	.000000	3.49E-10
5.68E-14		-1.51E-10	.000000	

LOAD -P6 ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		9.176035	-9.31E-10	2.91E-11
-2.84E-14		.000000	-4.66E-10	
0.25000		9.176035	-9.31E-10	2.91E-11
-2.84E-14		-8.00E-12	-2.10E-10	
0.50000		9.176035	-9.31E-10	2.91E-11
-2.84E-14		-1.60E-11	4.66E-11	

Program SAP2000 Nonlinear Version 7.42
File:하행S06-S1004.OUT

Page
< UNEQUAL SETTLEMENT >
974

F R A M E E L E M E N T I N T E R N A L F O R C E S

REL	DIST	P	V2	V3
	T	M2	M3	
0.75000		9.176035	-9.31E-10	2.91E-11
-2.84E-14		-2.40E-11	3.03E-10	
1.00000		9.176035	-9.31E-10	2.91E-11
-2.84E-14		-3.20E-11	5.59E-10	

LOAD -2N+1- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-25.459008	9.31E-10	2.55E-11
-2.84E-14		4.37E-11	4.66E-10	
0.25000		-25.459008	9.31E-10	2.55E-11
-2.84E-14		3.67E-11	2.10E-10	
0.50000		-25.459008	9.31E-10	2.55E-11
-2.84E-14		2.96E-11	-4.66E-11	
0.75000		-25.459008	9.31E-10	2.55E-11
-2.84E-14		2.26E-11	-3.03E-10	
1.00000		-25.459008	9.31E-10	2.55E-11
-2.84E-14		1.56E-11	-5.59E-10	

LOAD -2N+2- ----------

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		25.459008	-4.66E-10	-2.18E-11
.000000		-2.91E-11	.000000	
0.25000		25.459008	-4.66E-10	-2.18E-11
.000000		-2.31E-11	1.28E-10	
0.50000		25.459008	-4.66E-10	-2.18E-11
.000000		-1.71E-11	2.56E-10	
0.75000		25.459008	-4.66E-10	-2.18E-11
.000000		-1.11E-11	3.84E-10	
1.00000		25.459008	-4.66E-10	-2.18E-11
.000000		-5.09E-12	5.12E-10	

COMB SETTLE ---------- MAX

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		25.459008	9.31E-10	3.49E-10
5.68E-14		2.33E-10	4.66E-10	
0.25000		25.459008	9.31E-10	3.49E-10
5.68E-14		1.37E-10	2.10E-10	
0.50000		25.459008	9.31E-10	3.49E-10
5.68E-14		4.07E-11	2.56E-10	
0.75000		25.459008	9.31E-10	3.49E-10
5.68E-14		2.84E-11	3.84E-10	
1.00000		25.459008	9.31E-10	3.49E-10
5.68E-14		5.24E-11	5.59E-10	

COMB SETTLE ---------- MIN

REL	DIST	P	V2	V3
	T	M2	M3	
0.00000		-25.459008	-9.31E-10	-8.73E-11
-2.84E-14		-4.37E-11	-4.66E-10	
0.25000		-25.459008	-9.31E-10	-8.73E-11
-2.84E-14		-2.31E-11	-2.10E-10	
0.50000		-25.459008	-9.31E-10	-8.73E-11
-2.84E-14		-1.71E-11	-4.66E-11	
0.75000		-25.459008	-9.31E-10	-8.73E-11
-2.84E-14		-5.53E-11	-3.03E-10	
1.00000		-25.459008	-9.31E-10	-8.73E-11
-2.84E-14		-1.51E-10	-5.59E-10	